

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
 Data File : BF111239.D
 Acq On : 10 Dec 2018 13:45
 Operator : JU/SJ
 Sample : J6065-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:42:28 AM

Quant Time: Dec 10 15:49:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	604821	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2203693	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1121013	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1810762	20.00	ng	0.00
76) Chrysene-d12	13.96	240	839130	20.00	ng	0.00
87) Perylene-d12	15.39	264	915277	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	4294601	112.12	ng	0.02
7) Phenol-d6	6.45	99	5600185	117.65	ng	0.01
23) Nitrobenzene-d5	7.37	82	3548815	90.32	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1109022	111.68	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4895404	72.59	ng	0.00
79) Terphenyl-d14	12.91	244	3472575	99.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	653424	33.249	ng	99
3) Pyridine	3.33	79	1856721	35.563	ng	100
4) n-Nitrosodimethylamine	3.28	42	995533	44.722	ng	95
6) Aniline	6.47	93	1103070	17.381	ng	98
8) 2-Chlorophenol	6.59	128	1754949	40.309	ng	99
9) Benzaldehyde	6.35	77	584993	18.011	ng	98
10) Phenol	6.46	94	2381173	42.782	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	1724187	40.055	ng	95
12) 1,3-Dichlorobenzene	6.75	146	1762099	37.668	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1780370	37.692	ng	98
14) 1,2-Dichlorobenzene	6.97	146	1668502	37.872	ng	99
15) Benzyl Alcohol	6.95	79	1522127	40.408	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	3206793	39.791	ng	99
17) 2-Methylphenol	7.06	107	1513961	42.593	ng	98
18) Hexachloroethane	7.32	117	875110	48.661	ng	92
19) n-Nitroso-di-n-propylamine	7.22	70	1297725	40.698	ng	96
20) 3+4-Methylphenols	7.21	107	1696112	40.117	ng	95
22) Acetophenone	7.21	105	2296676	45.549	ng	# 99
24) Nitrobenzene	7.39	77	1852541	45.303	ng	94
25) Isophorone	7.63	82	3460576	51.713	ng	# 99
26) 2-Nitrophenol	7.70	139	949928	46.756	ng	94
27) 2,4-Dimethylphenol	7.74	122	1584561	50.472	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	2175563	46.948	ng	99
29) 2,4-Dichlorophenol	7.95	162	1458780	45.443	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	1381718	43.696	ng	98
31) Naphthalene	8.11	128	4874729	50.684	ng	96
32) Benzoic acid	7.80	122	63899	2.461	ng	95
33) 4-Chloroaniline	8.15	127	565085	12.233	ng	97
34) Hexachlorobutadiene	8.23	225	730351	41.843	ng	99
35) Caprolactam	8.53	113	544572m	47.873	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1580120	48.075	ng	99
37) 2-Methylnaphthalene	8.80	142	3122771	48.905	ng	97
38) 1-Methylnaphthalene	8.90	142	3012887	48.181	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1158664	37.145	ng	99

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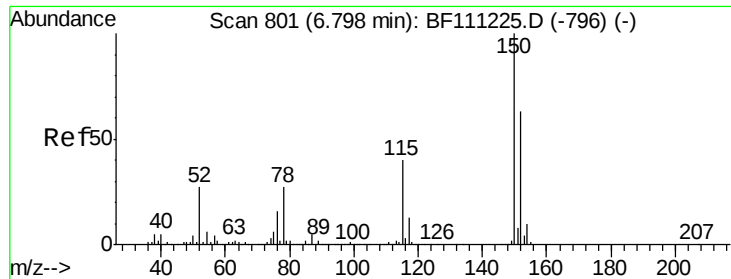
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1011738	56.954	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	950833	40.609	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	1018141	41.743	nq	95
46) 1,1'-Biphenyl	9.26	154	3438021	37.095	nq	99
47) 2-Chloronaphthalene	9.29	162	2819754	38.442	nq	98
48) 2-Nitroaniline	9.38	65	1045239	41.773	nq	91
49) Acenaphthylene	9.70	152	4231653	39.739	nq	99
50) Dimethylphthalate	9.57	163	3627630	43.857	nq	98
51) 2,6-Dinitrotoluene	9.62	165	783598	42.898	nq #	85
52) Acenaphthene	9.87	154	2627383	39.318	nq	99
53) 3-Nitroaniline	9.79	138	510138	22.626	nq	98
54) 2,4-Dinitrophenol	9.89	184	185137	25.648	nq #	61
55) Dibenzofuran	10.05	168	3700303	40.703	nq	97
56) 4-Nitrophenol	9.96	139	1321206	75.239	nq	96
57) 2,4-Dinitrotoluene	10.03	165	1049219	46.593	nq	96
58) Fluorene	10.39	166	2721114	38.680	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	805435	43.565	nq	100
60) Diethylphthalate	10.27	149	3157668	40.043	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	1257040	35.988	nq	97
62) 4-Nitroaniline	10.40	138	839162	39.335	nq	99
63) Azobenzene	10.54	77	3154232	38.527	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	382849	35.967	nq	87
66) n-Nitrosodiphenylamine	10.50	169	2620253	42.509	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	812472	40.966	nq	97
68) Hexachlorobenzene	10.94	284	822658	40.775	nq	96
69) Atrazine	11.03	200	829804	44.270	nq	99
70) Pentachlorophenol	11.13	266	956264	65.337	nq	96
71) Phenanthrene	11.35	178	3757417	41.140	nq	100
72) Anthracene	11.40	178	3828044	40.062	nq	99
73) Carbazole	11.55	167	3615778	36.189	nq	99
74) Di-n-butylphthalate	11.89	149	4275091	41.628	nq	99
75) Fluoranthene	12.53	202	3419662	40.987	nq	97
77) Benzdine	12.65	184	429935	17.256	nq	97
78) Pyrene	12.76	202	3363265	56.087	nq	100
80) Butylbenzylphthalate	13.39	149	1489462	47.555	nq	95
81) Benzo(a)anthracene	13.94	228	2180433	46.576	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	410572	21.397	nq	98
83) Chrysene	13.99	228	2189048	45.357	nq	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1662359	44.666	nq	100
85) Di-n-octyl phthalate	14.56	149	2803719	44.945	nq	98
86) Indeno(1,2,3-cd)pyrene	16.82	276	2861056	73.439	nq	98
88) Benzo(b)fluoranthene	14.99	252	2286210	45.167	nq	98
89) Benzo(k)fluoranthene	15.01	252	1946655	40.905	nq	98
90) Benzo(a)pyrene	15.34	252	2240043	48.057	nq	98
91) Dibenzo(a,h)anthracene	16.83	278	2298420	62.780	nq	98
92) Benzo(g,h,i)perylene	17.24	276	2424066	66.143	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

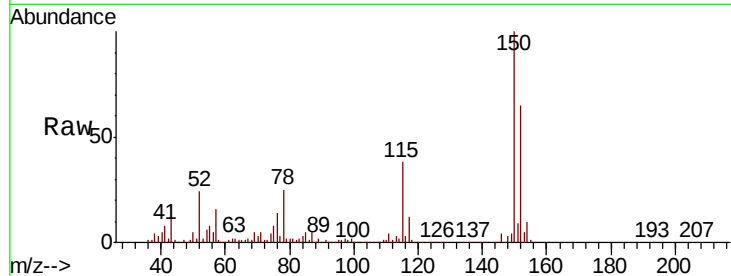
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.6	189.8
115	58.7	50.7	76.1

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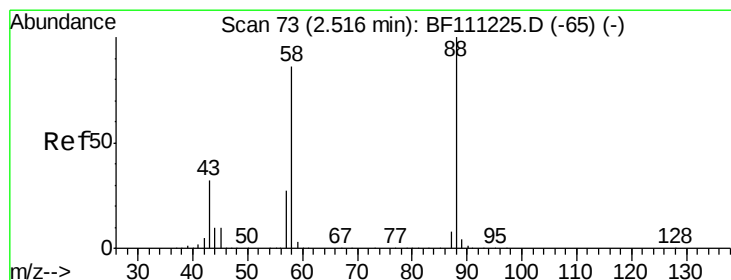
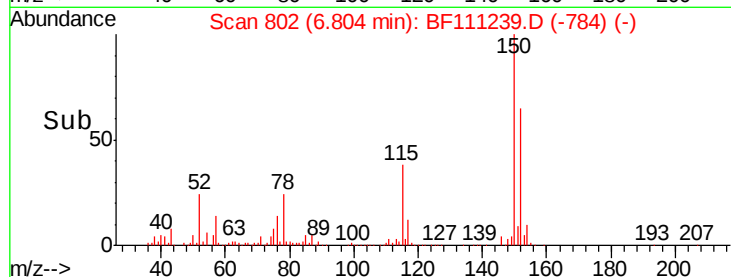
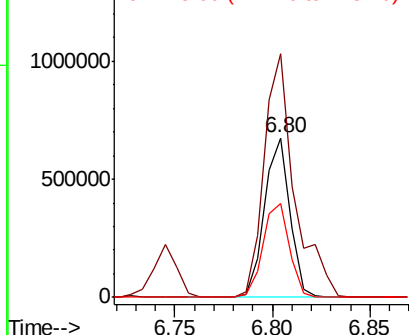


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

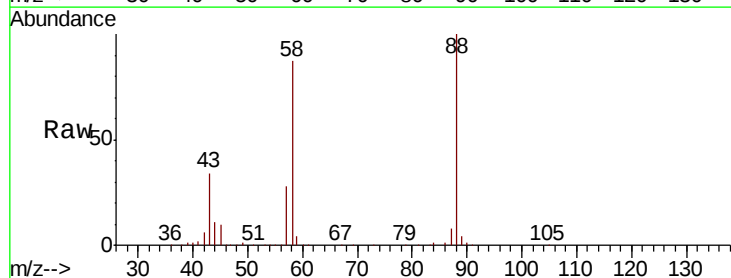
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.249 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.09 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.8	68.9	103.3
43	33.3	25.8	38.6

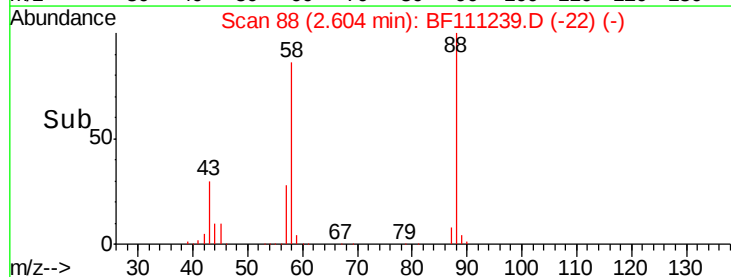
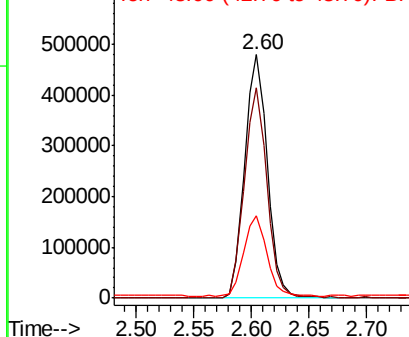


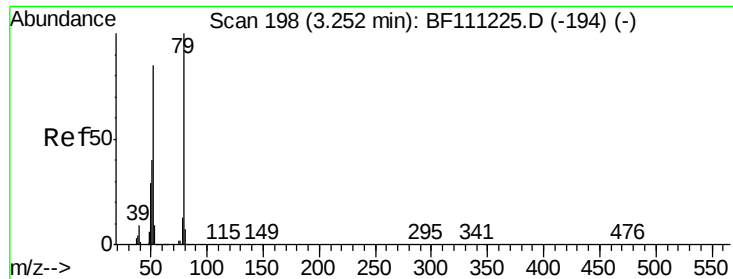
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.563 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.08 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

Tot Ion: 79 Resp: 1856721

Ion Ratio Lower Upper

79 100

52 85.3 68.3 102.5

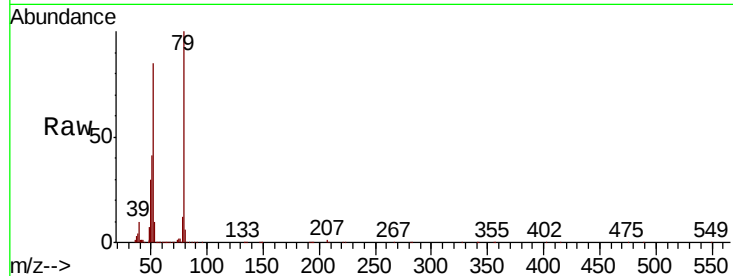
51 41.5 32.6 49.0

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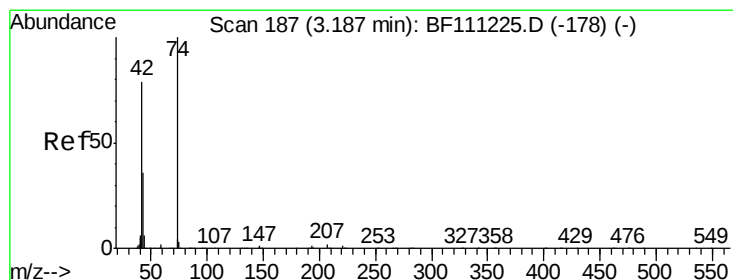
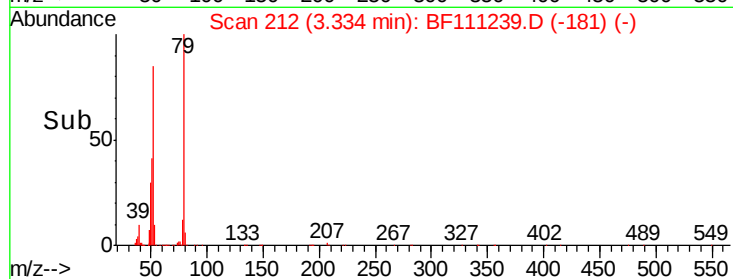
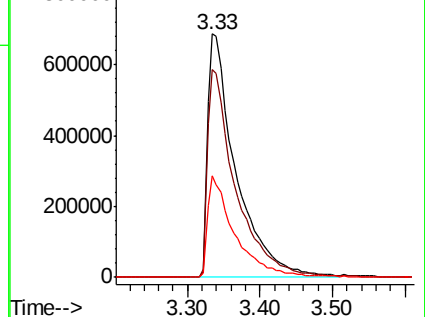
12/11/2018 8:42:28 AM



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 44.722 ng

RT: 3.28 min Scan# 202

Delta R.T. 0.09 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

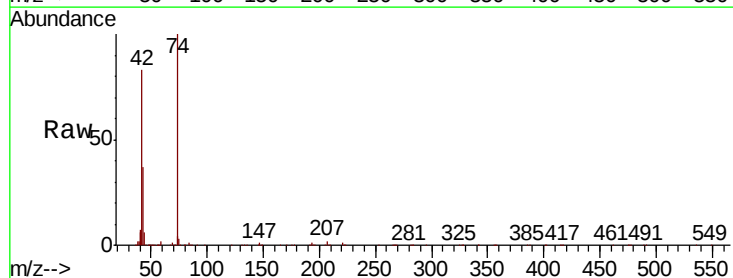
Tgt Ion: 42 Resp: 995533

Ion Ratio Lower Upper

42 100

74 120.8 101.5 152.3

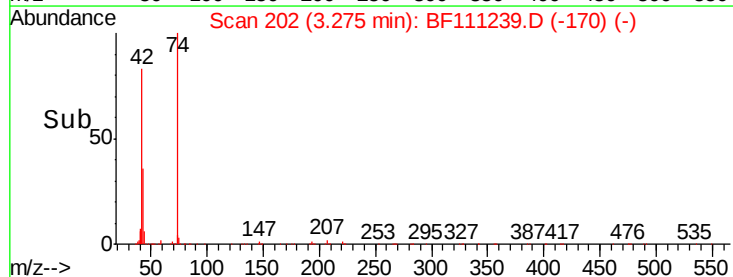
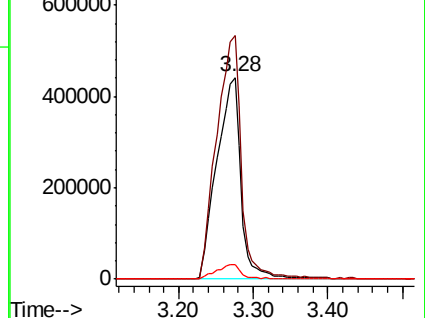
44 7.1 6.0 9.0

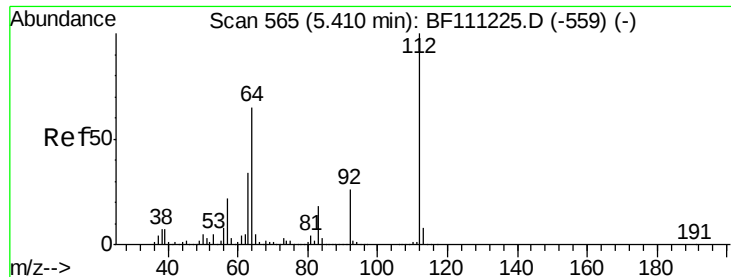


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 112.124 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

Tot Ion:112 Resp: 4294601

Ion Ratio Lower Upper

112 100

64 61.9 51.8 77.6

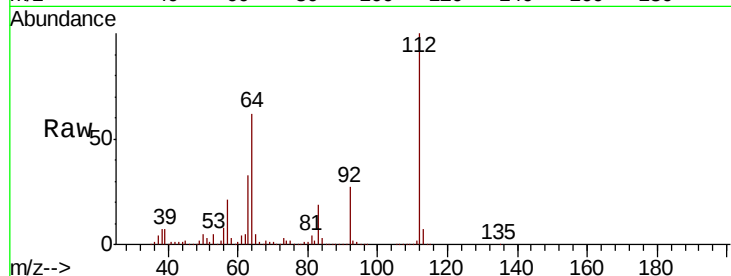
63 32.9 26.8 40.2

Manual Integrations

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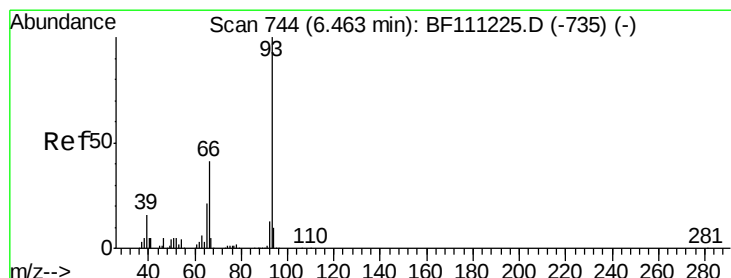
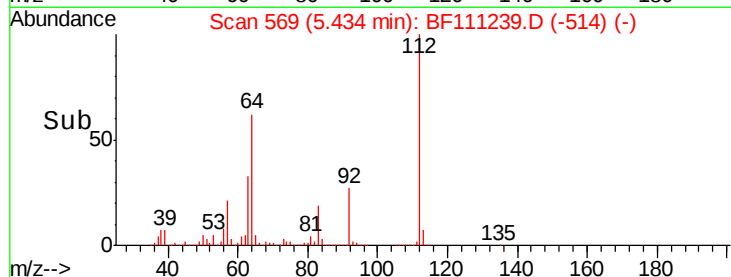
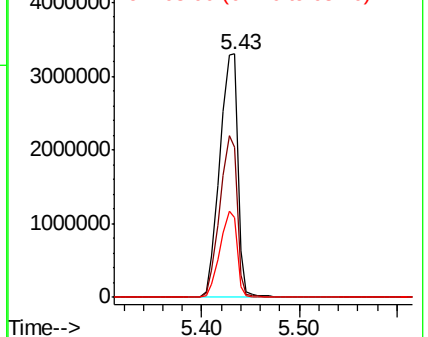
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.381 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

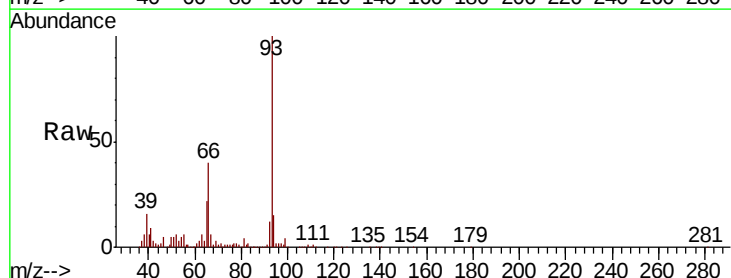
Tgt Ion: 93 Resp: 1103070

Ion Ratio Lower Upper

93 100

66 40.3 33.2 49.8

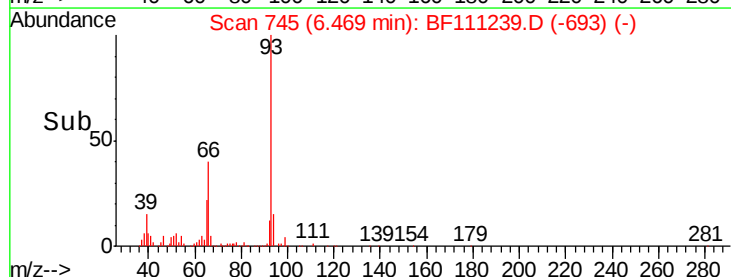
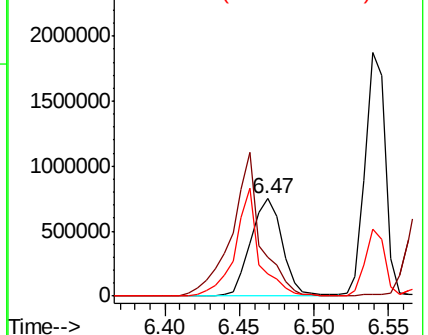
65 22.2 17.0 25.4

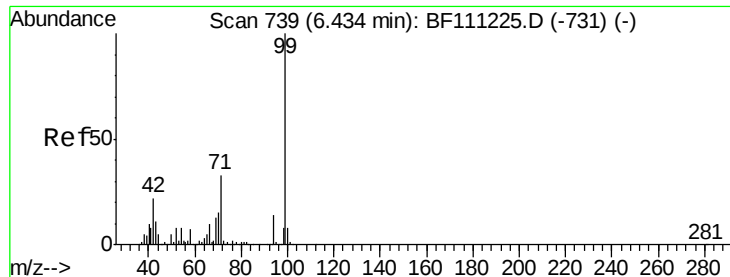


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.650 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

Tot Ion: 99 Resp: 5600185

Ion Ratio Lower Upper

99 100

42 23.0 17.4 26.0

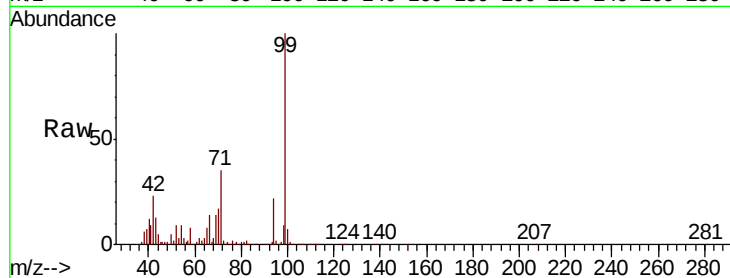
71 35.3 26.1 39.1

Manual Integrations

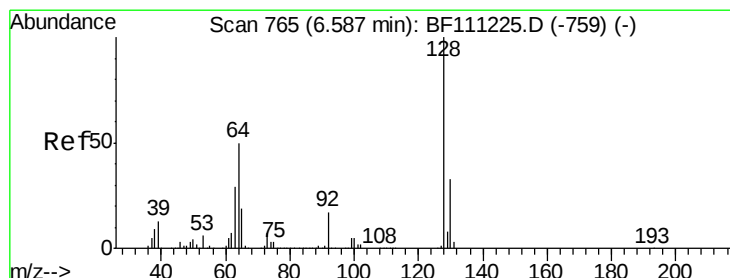
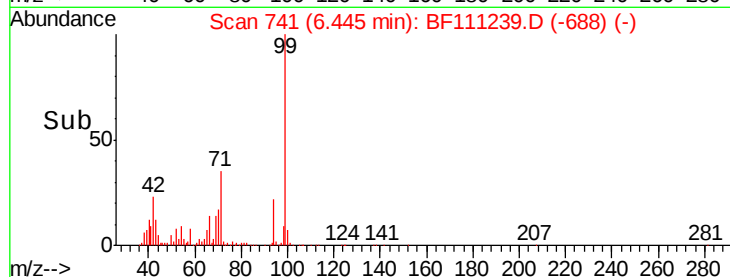
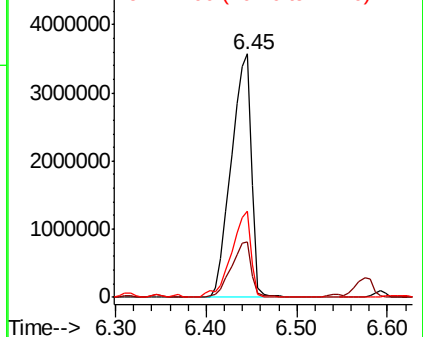
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.309 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

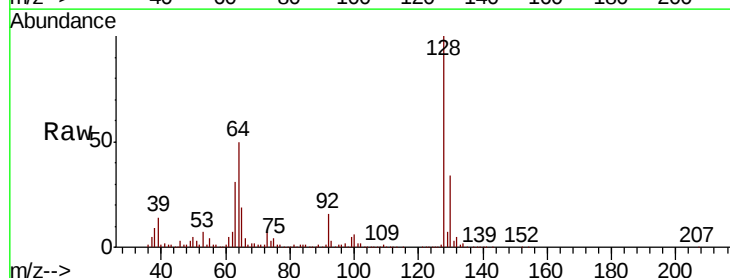
Tgt Ion: 128 Resp: 1754949

Ion Ratio Lower Upper

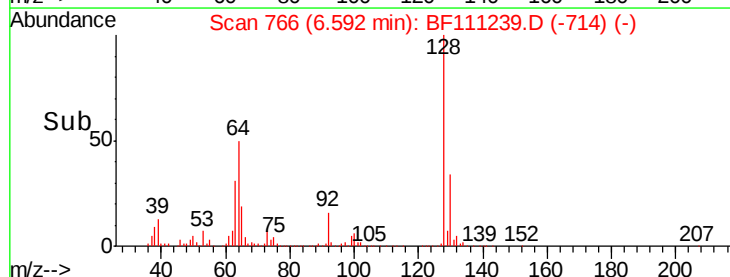
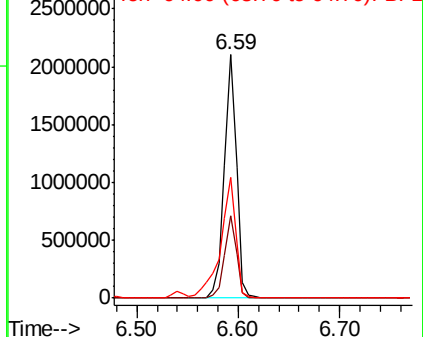
128 100

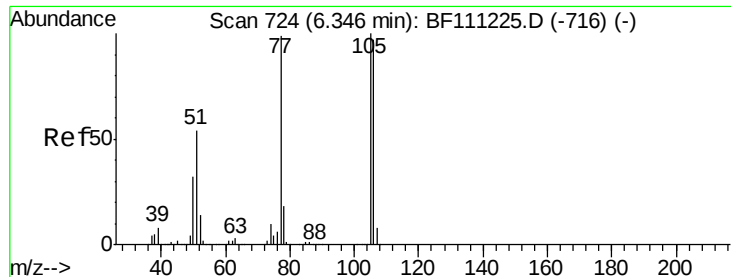
130 34.0 12.7 52.7

64 49.7 30.0 70.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.011 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

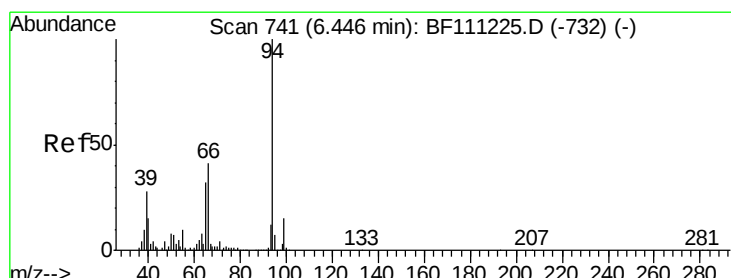
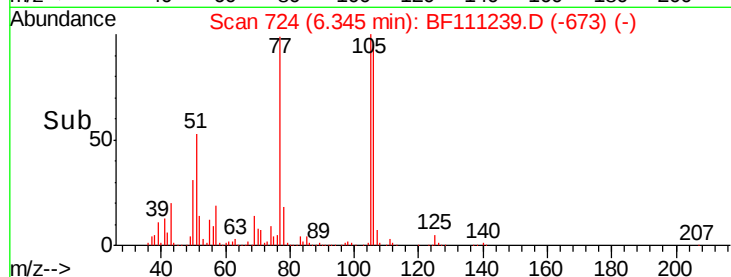
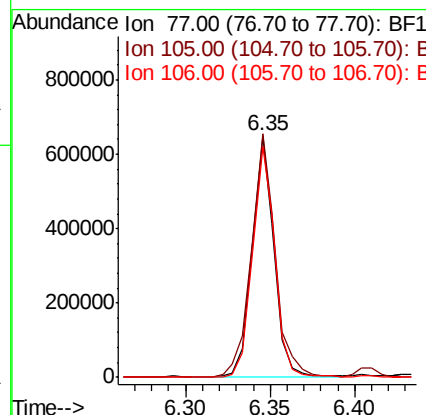
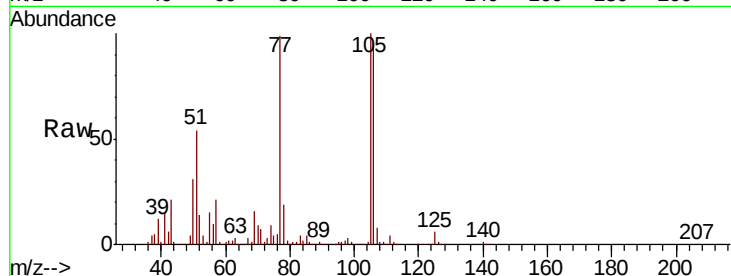
ClientSampleId :

USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.8	81.4	121.4
106	95.4	77.9	117.9

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#10

Phenol

Concen: 42.782 ng

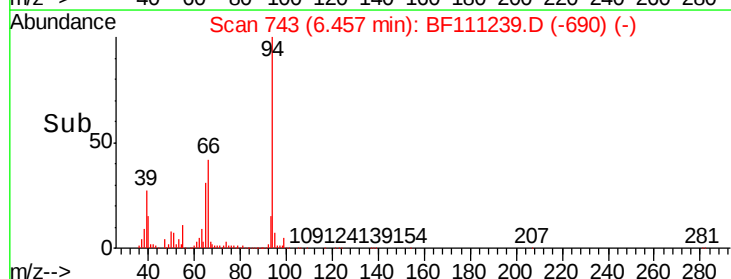
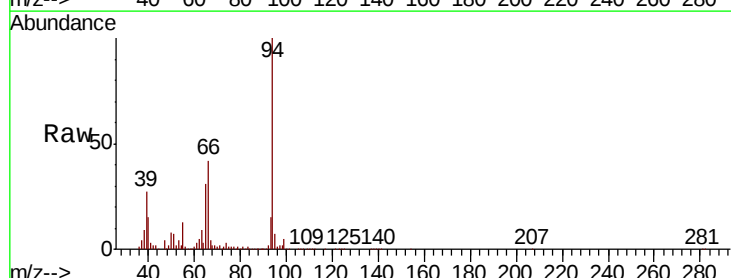
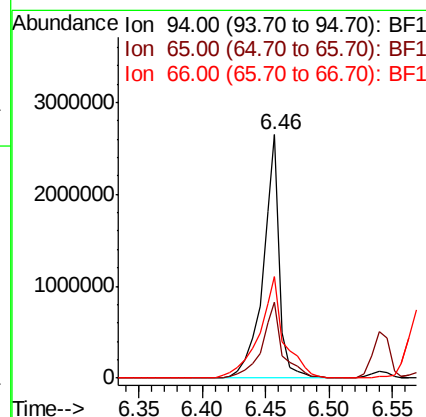
RT: 6.46 min Scan# 743

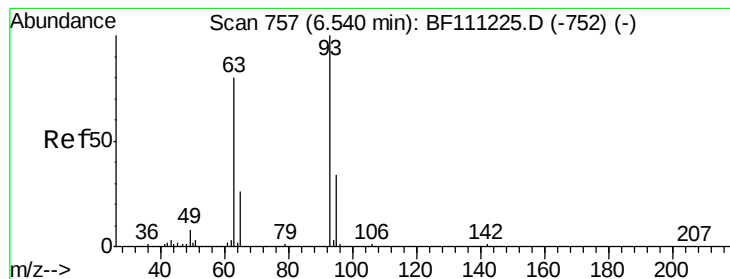
Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.3	11.7	51.7
66	41.7	21.0	61.0





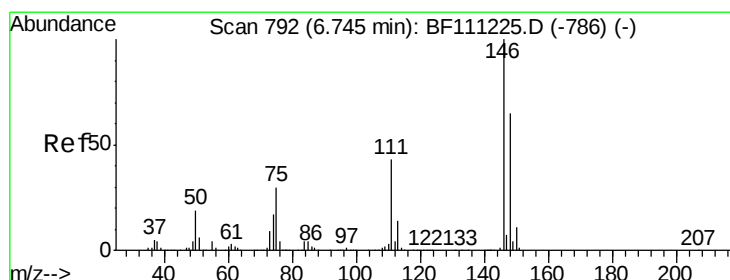
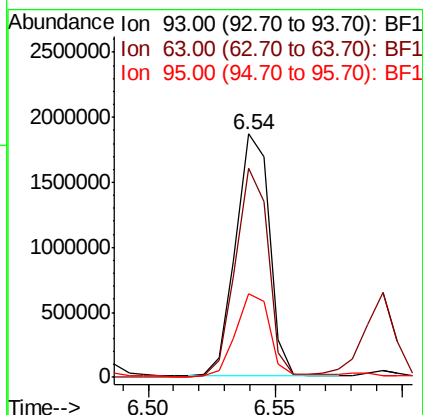
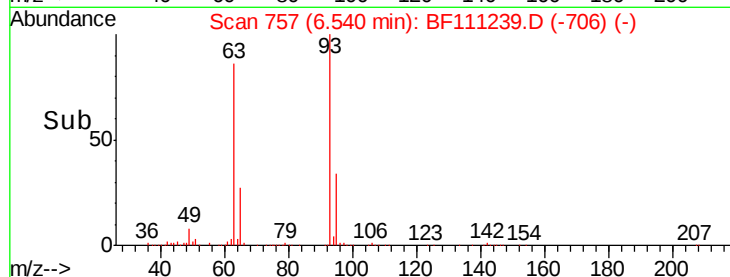
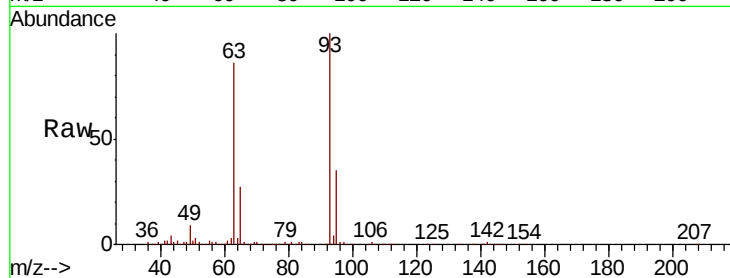
#11
bis(2-Chloroethyl)ether
Concen: 40.055 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.9	60.0	100.0
95	34.5	13.4	53.4

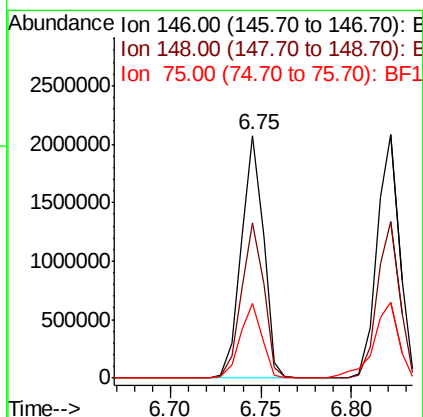
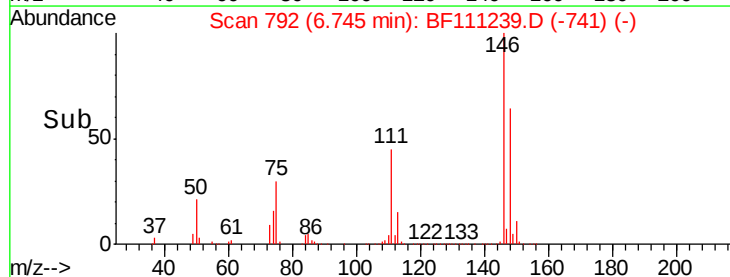
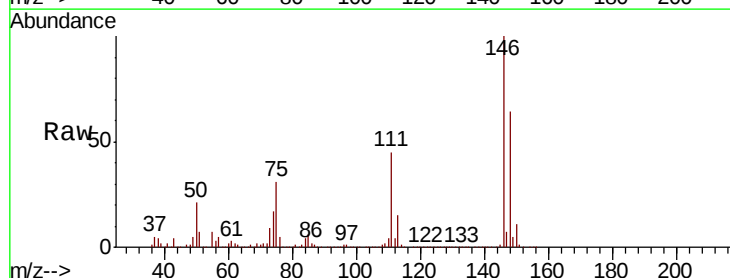
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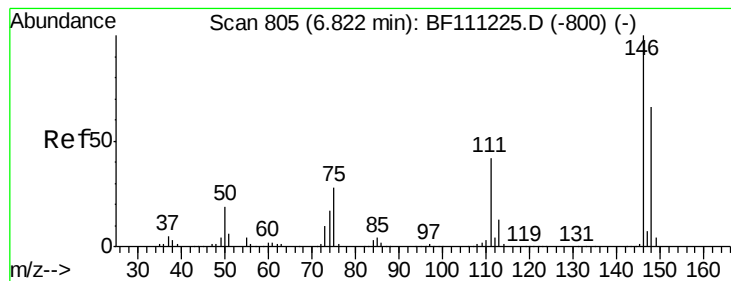
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.668 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.1	78.1
75	30.9	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 37.692 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

Tot Ion:146 Resp: 1780370

Ion Ratio Lower Upper

146 100

148 64.2 52.8 79.2

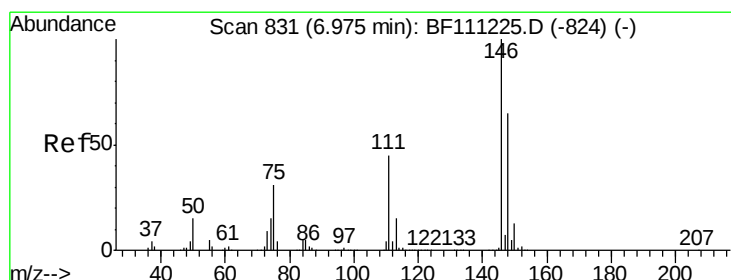
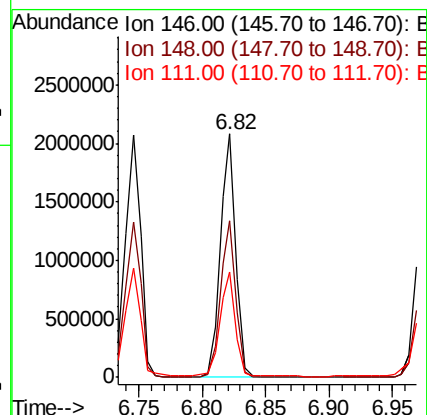
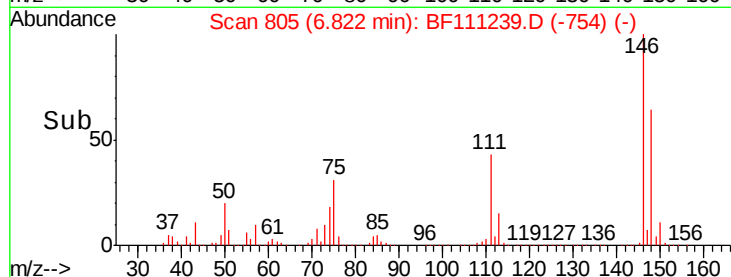
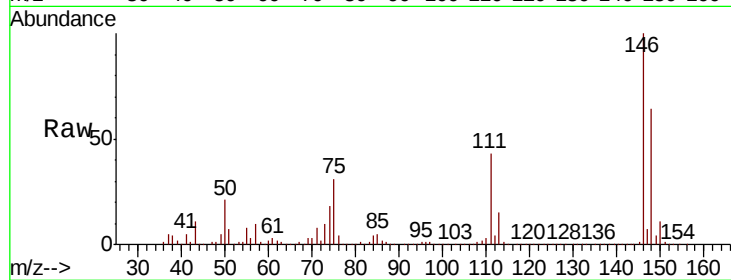
111 43.2 33.4 50.0

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 37.872 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

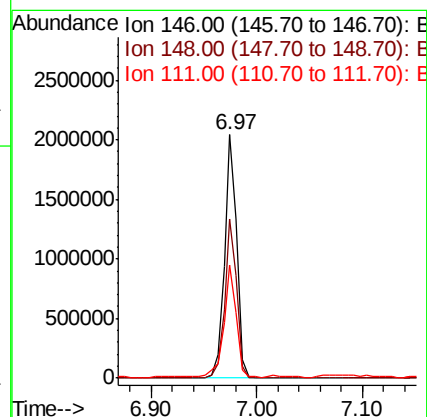
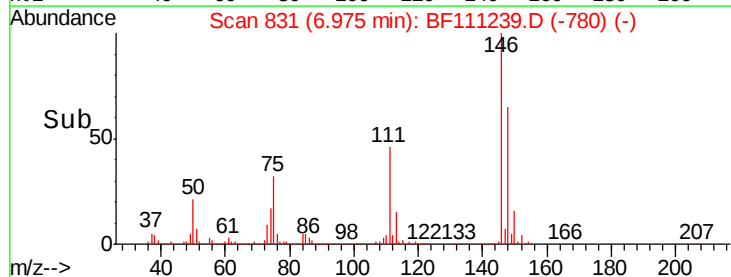
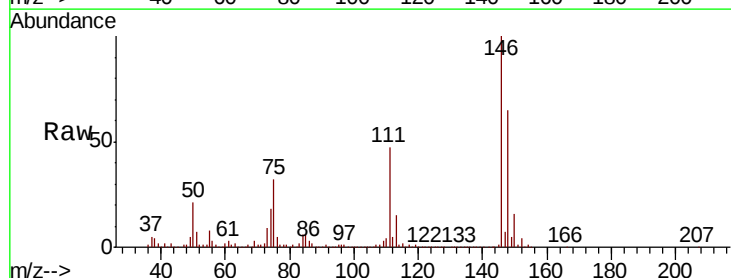
Tgt Ion:146 Resp: 1668502

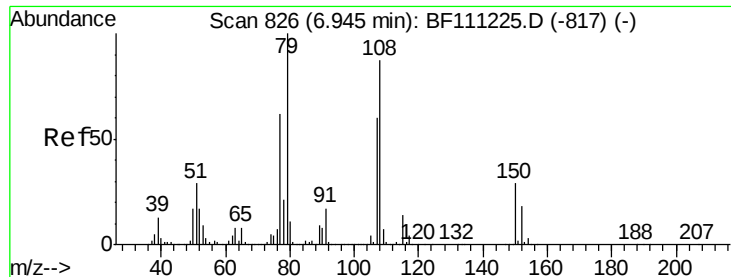
Ion Ratio Lower Upper

146 100

148 65.1 51.9 77.9

111 46.5 36.2 54.4





#15

Benzyl Alcohol

Concen: 40.408 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

Tot Ion: 79 Resp: 1522127

Ion Ratio Lower Upper

79 100

108 82.4 69.4 104.2

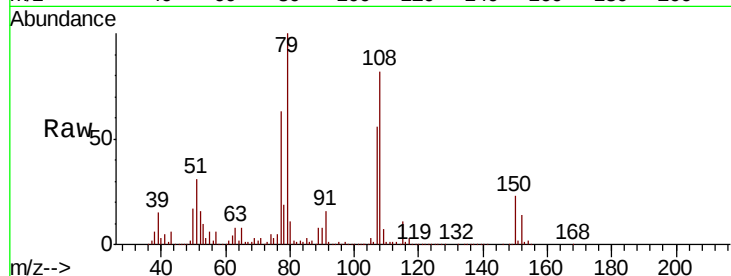
77 63.1 49.7 74.5

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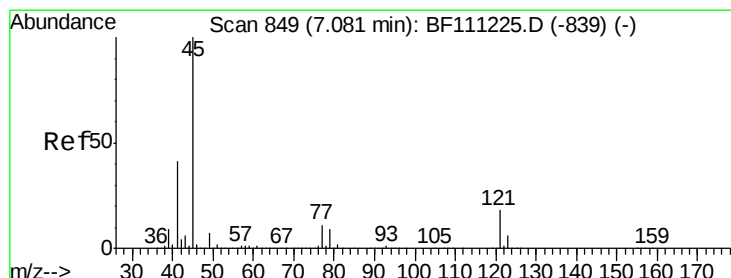
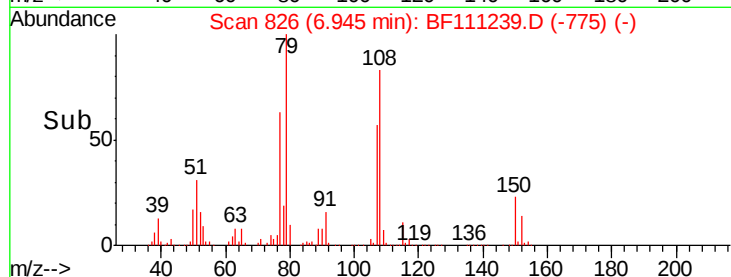
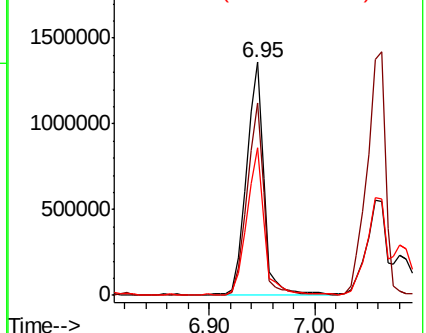
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.791 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

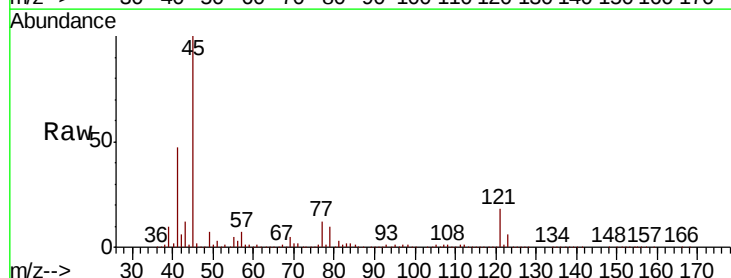
Tgt Ion: 45 Resp: 3206793

Ion Ratio Lower Upper

45 100

77 12.0 0.0 31.5

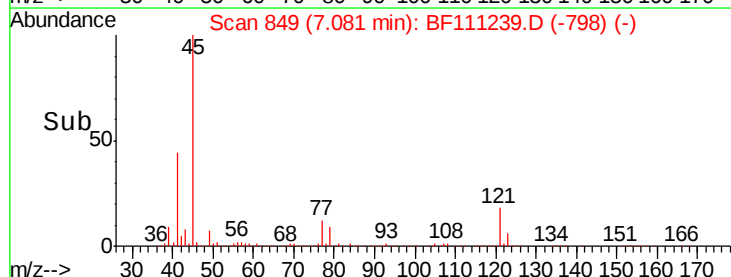
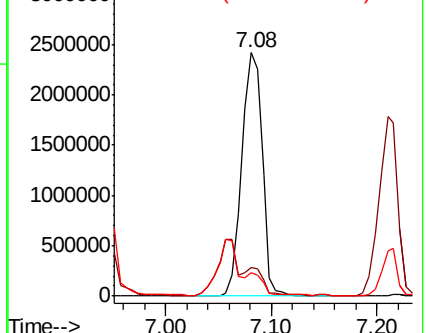
79 9.5 0.0 28.9

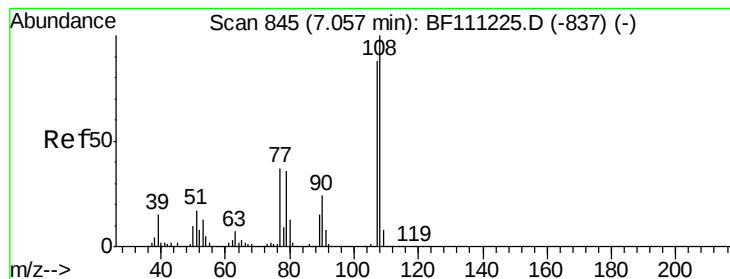


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





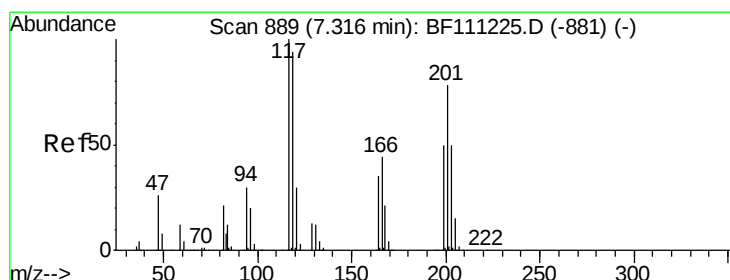
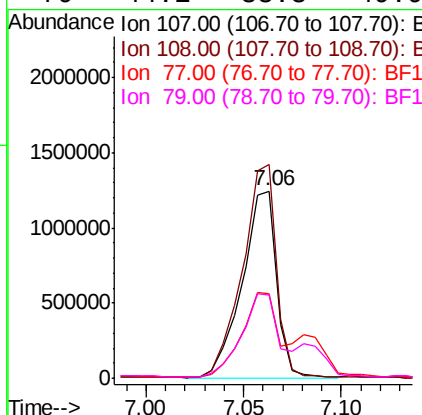
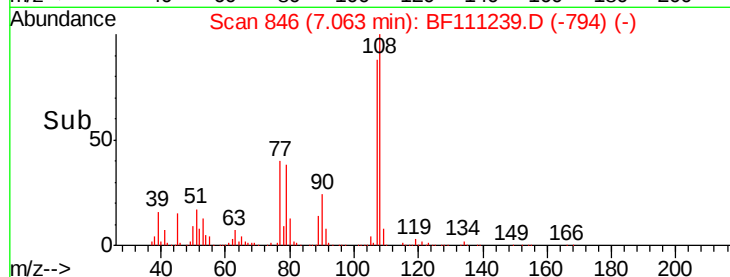
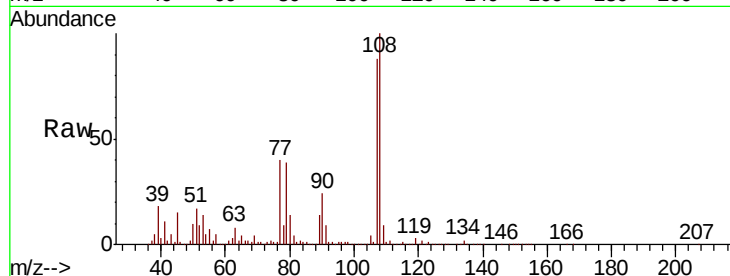
#17
2-Methylphenol
Concen: 42.593 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.0	136.4
77	45.4	33.5	50.3
79	44.1	33.3	49.9

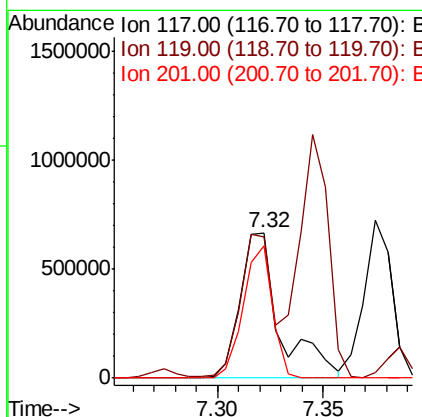
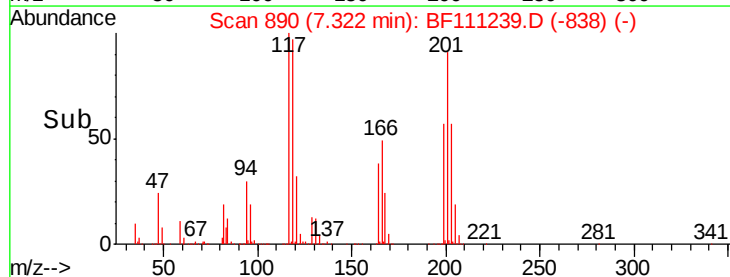
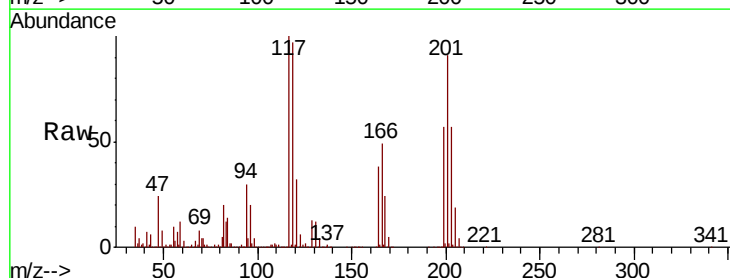
Manual Integrations
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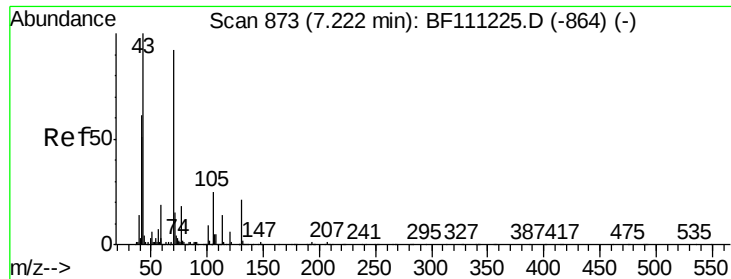
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#18
Hexachloroethane
Concen: 48.661 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.4	113.0
201	91.1	62.4	93.6





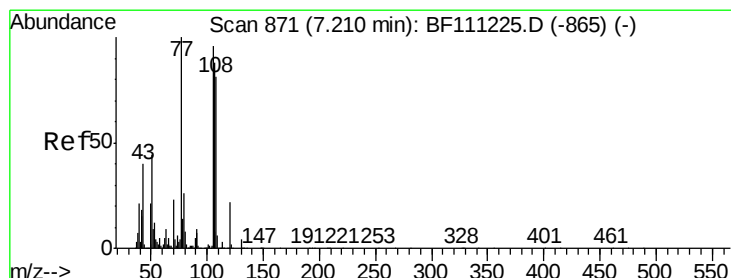
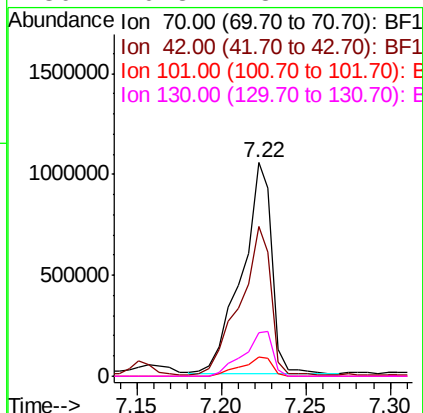
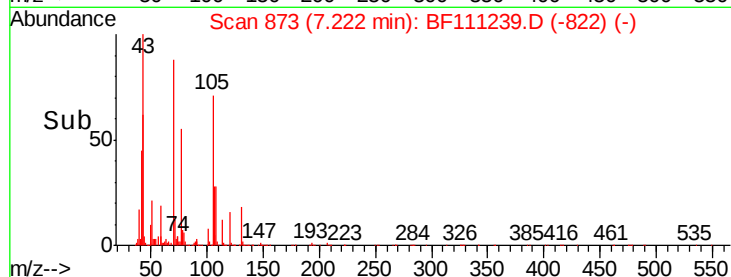
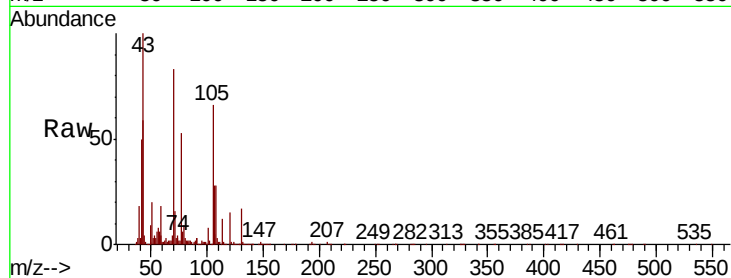
#19
n-Nitroso-di-n-propylamine
Concen: 40.698 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.1	53.2	79.8
101	9.0	8.2	12.4
130	20.3	18.1	27.1

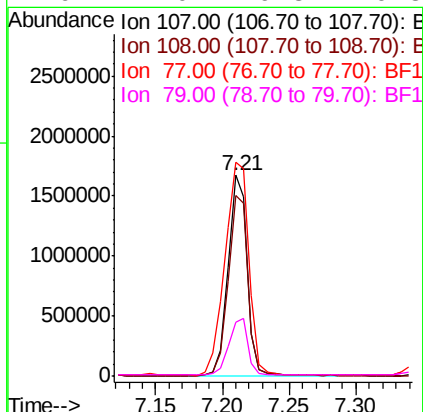
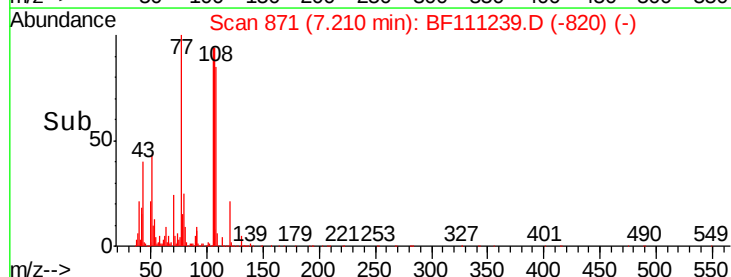
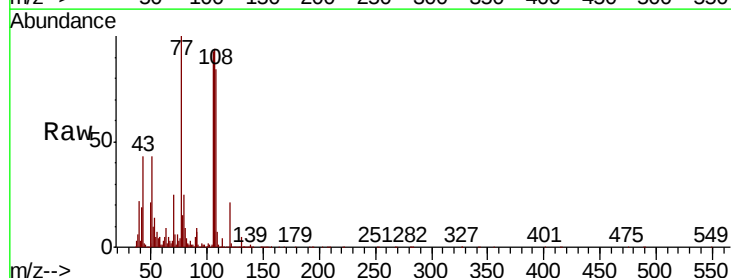
Manual Integrations
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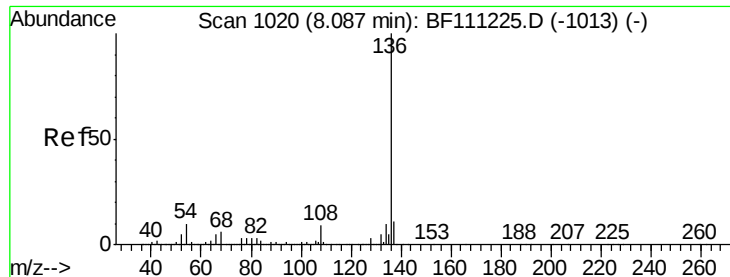
Sohil
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#20
3+4-Methylphenols
Concen: 40.117 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	72.1	112.1
77	106.3	94.1	134.1
79	27.0	9.8	49.8





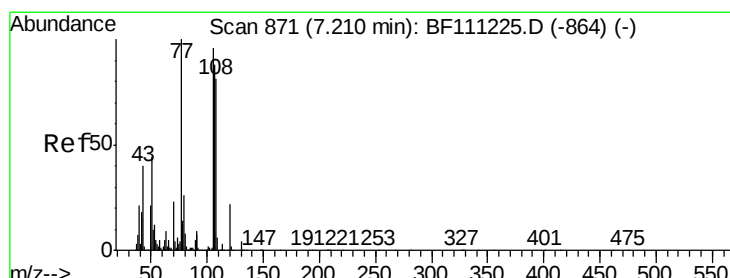
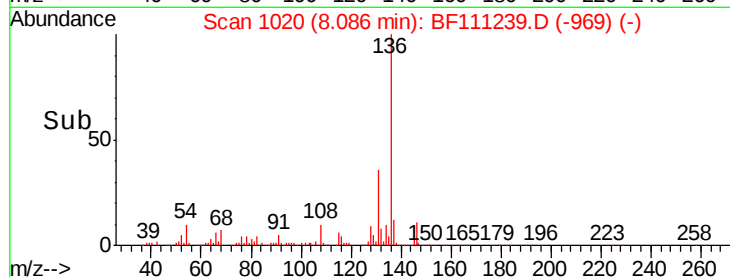
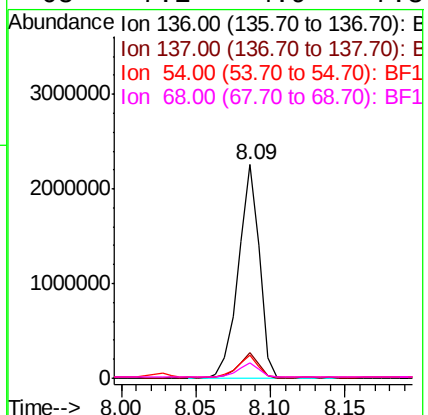
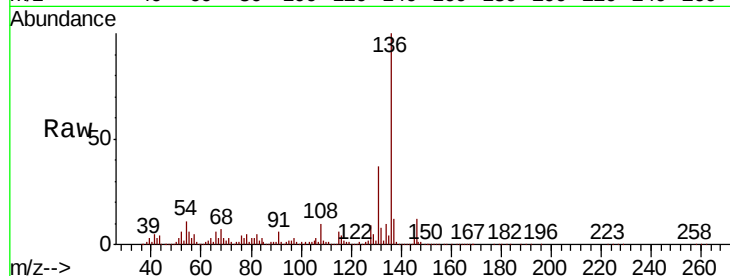
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.1	13.7
54	10.6	7.7	11.5
68	7.1	4.9	7.3

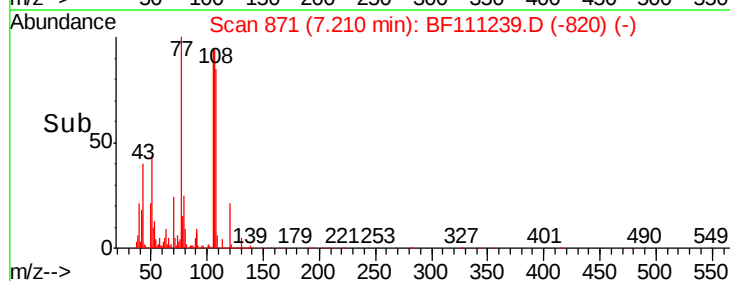
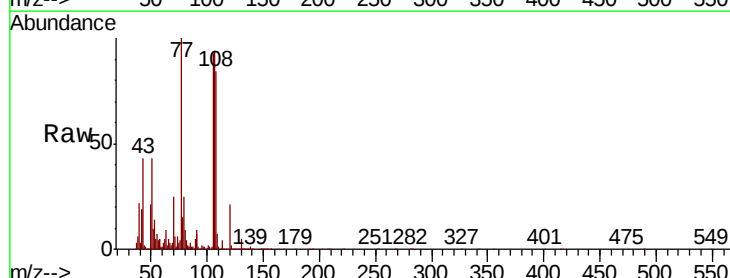
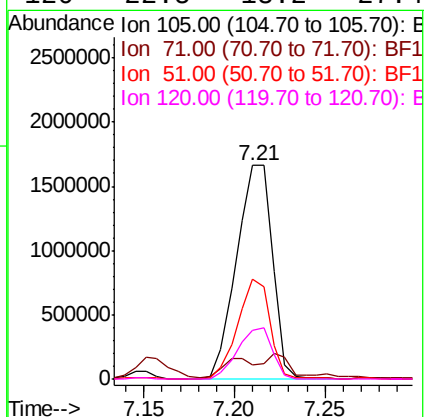
Manual Integrations
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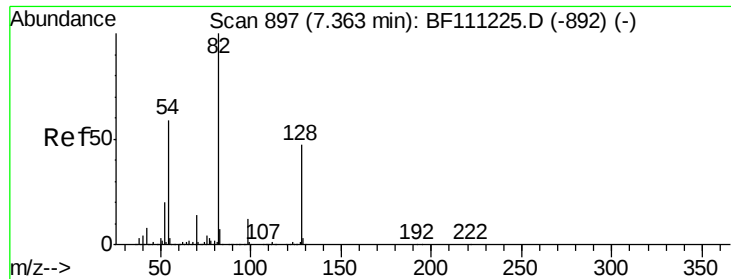
Sohil
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#22
Acetophenone
Concen: 45.549 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.7	3.1	4.7#
51	46.5	36.6	54.8
120	22.5	18.2	27.4





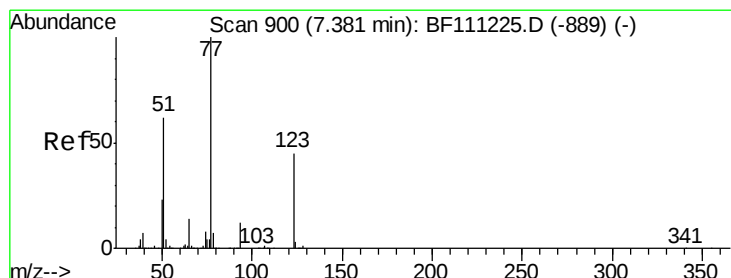
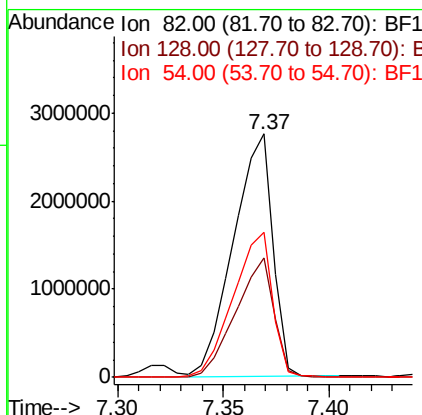
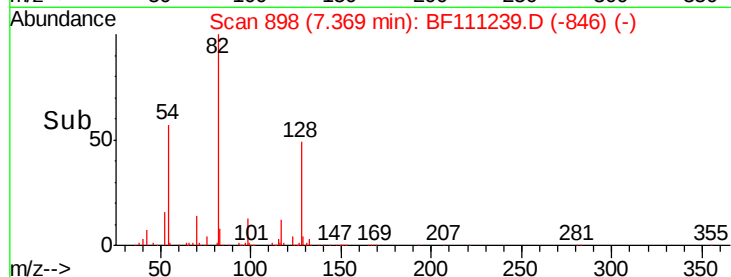
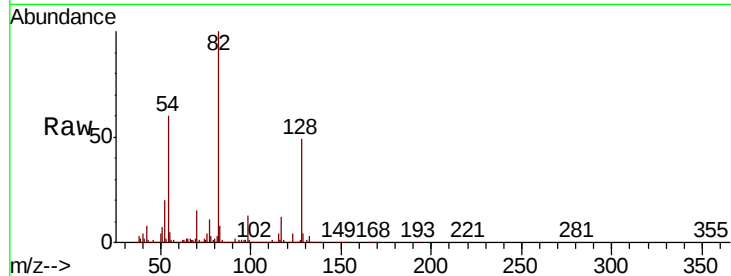
#23
Nitrobenzene-d5
Concen: 90.325 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion: 82 Resp: 3548815
Ion Ratio Lower Upper
82 100
128 49.2 37.4 56.2
54 59.6 47.6 71.4

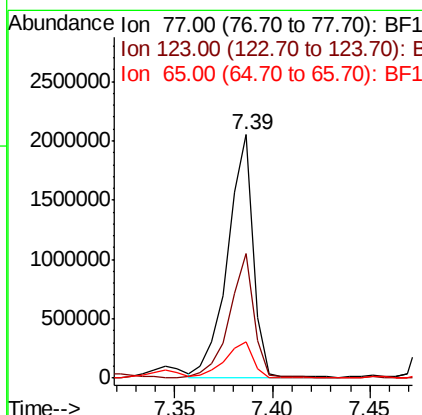
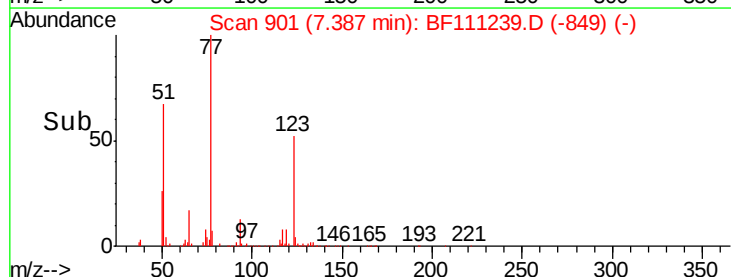
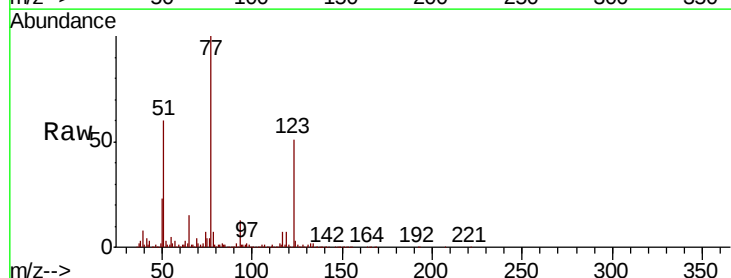
Manual Integrations
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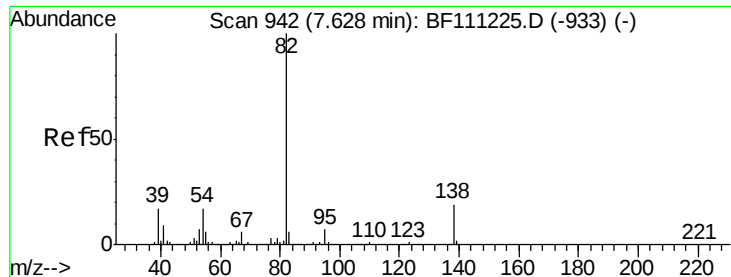
Sohil
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#24
Nitrobenzene
Concen: 45.303 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion: 77 Resp: 1852541
Ion Ratio Lower Upper
77 100
123 51.1 37.2 55.8
65 15.1 11.5 17.3





#25

Isophorone

Concen: 51.713 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

Tot Ion: 82 Resp: 3460576

Ion Ratio Lower Upper

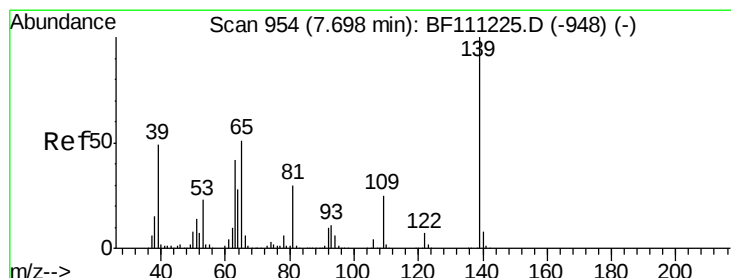
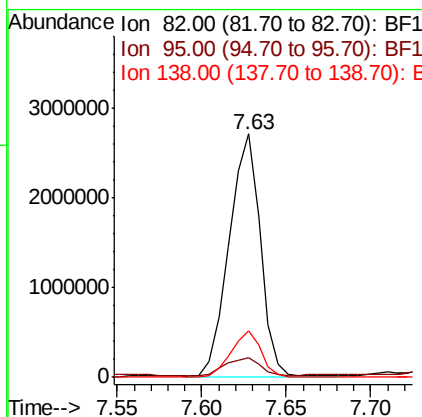
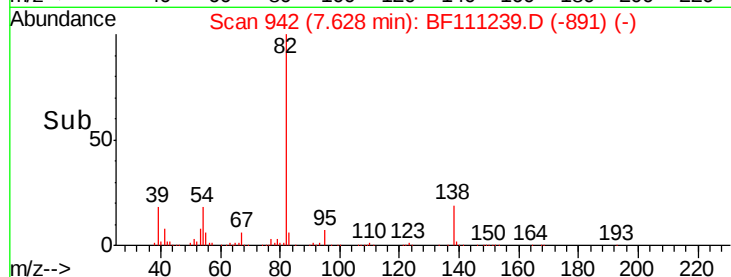
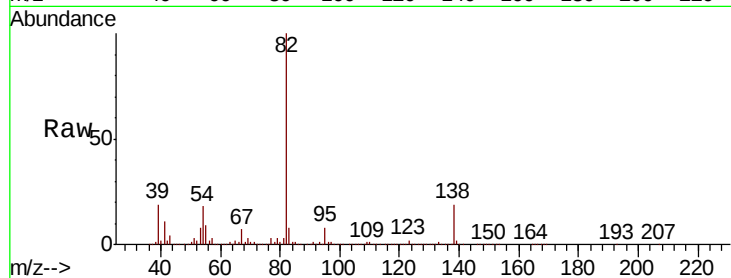
82 100

95 8.2 5.4 8.2#

138 18.9 15.1 22.7

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12/11/2018 8:42:28 AM



#26

2-Nitrophenol

Concen: 46.756 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

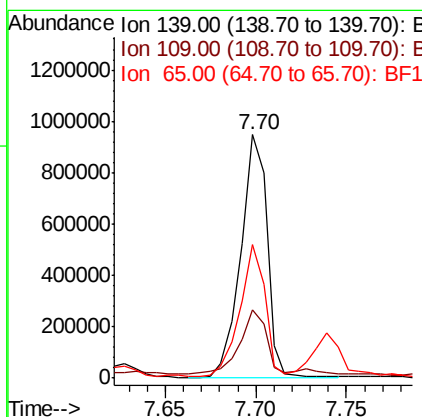
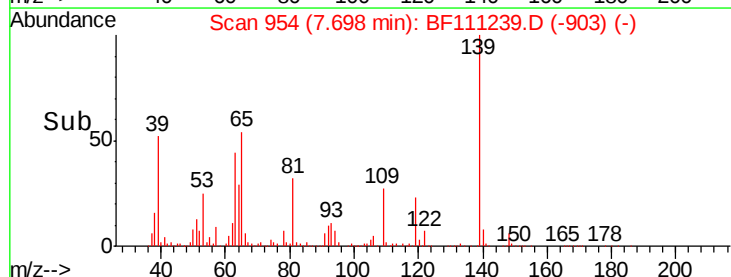
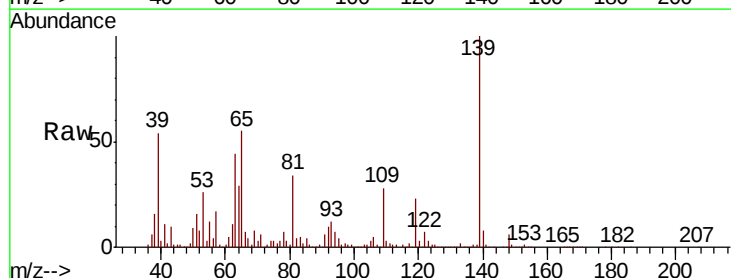
Tgt Ion: 139 Resp: 949928

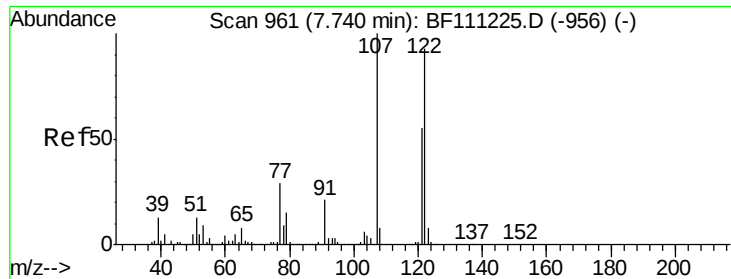
Ion Ratio Lower Upper

139 100

109 28.3 20.2 30.4

65 54.9 40.7 61.1





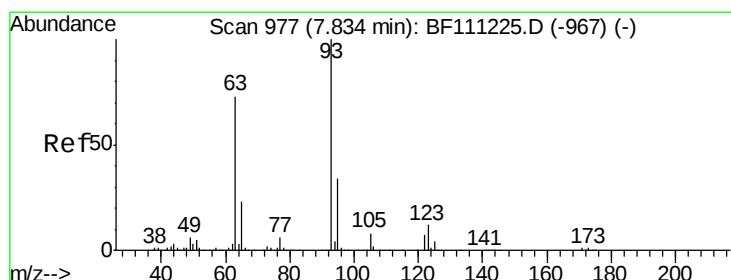
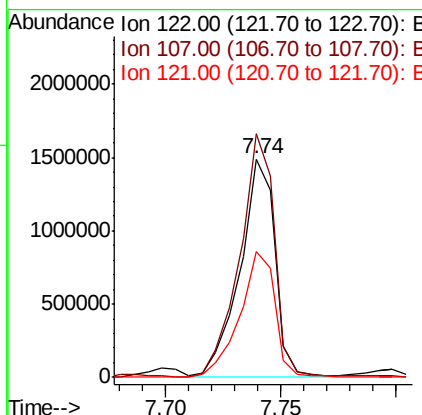
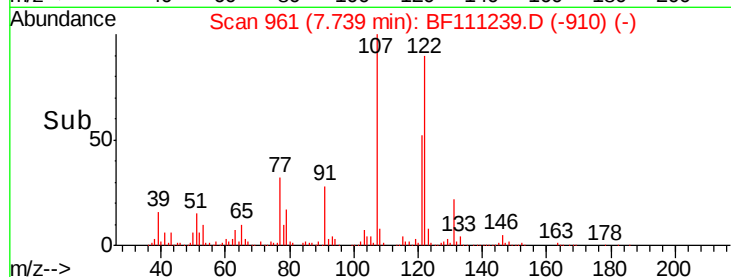
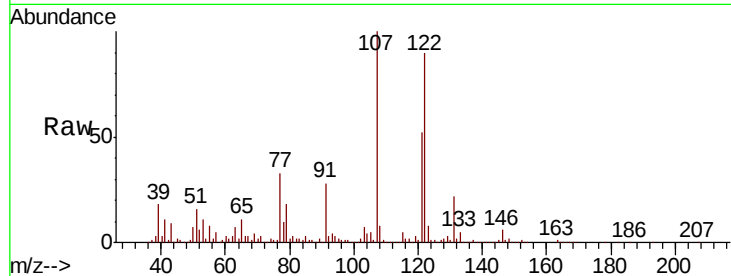
#27
2,4-Dimethylphenol
Concen: 50.472 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.5	85.5	128.3
121	57.9	46.6	70.0

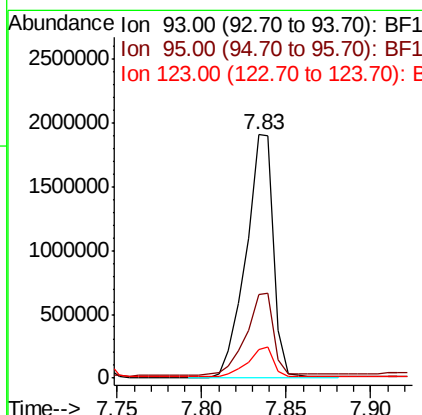
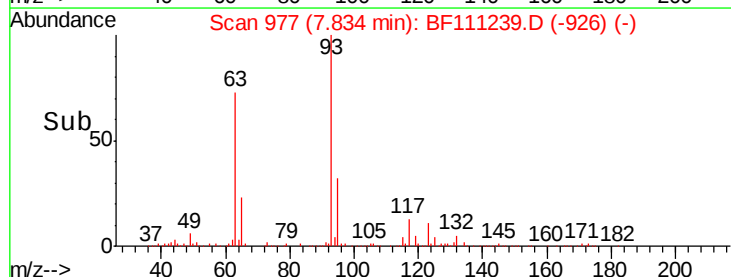
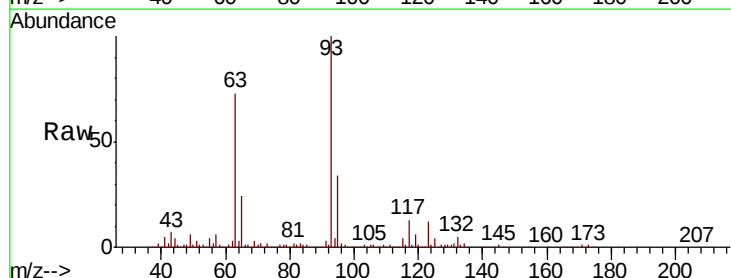
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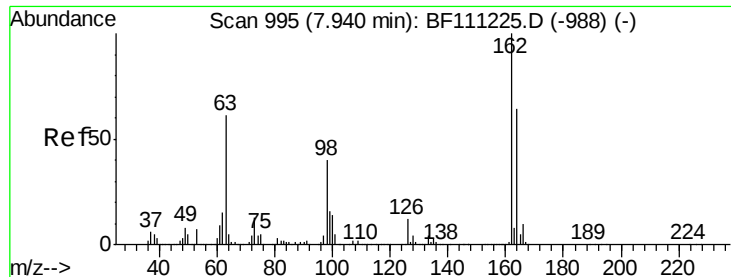
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#28
bis(2-Chloroethoxy)methane
Concen: 46.948 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.2	27.1	40.7
123	11.8	9.9	14.9





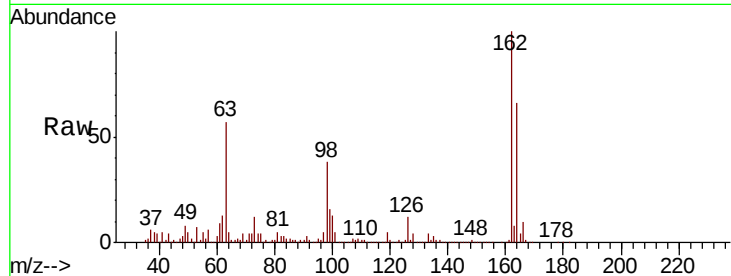
#29
2,4-Dichlorophenol
Concen: 45.443 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

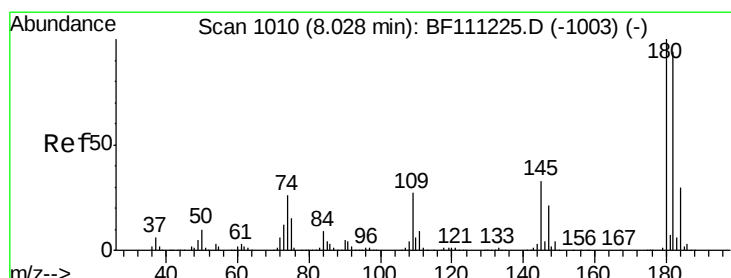
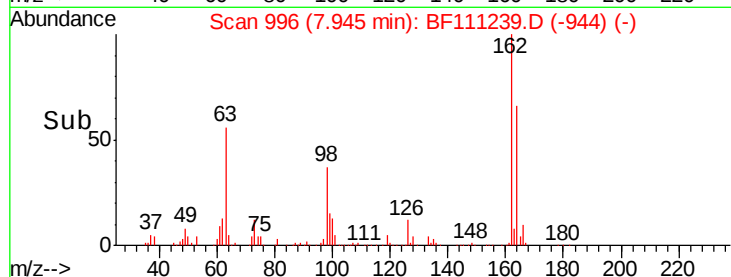
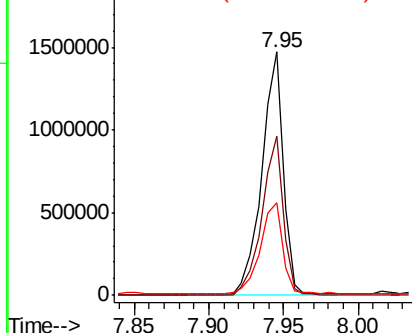
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.4	84.4
98	38.0	20.3	60.3

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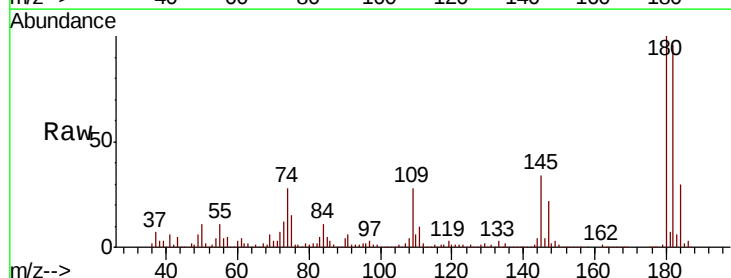


Abundance Ion 162.00 (161.70 to 162.70): E
2000000
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

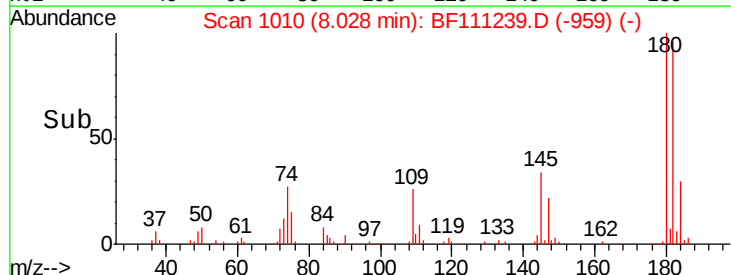
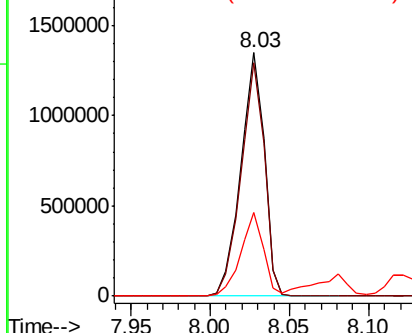


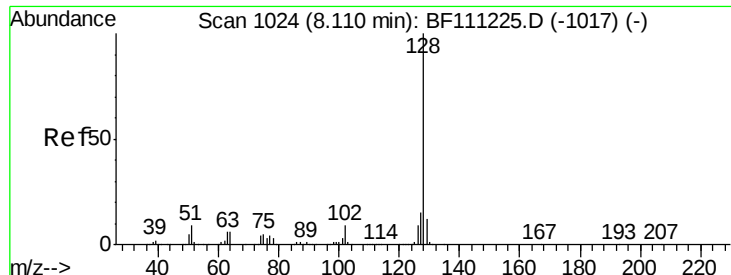
#30
1,2,4-Trichlorobenzene
Concen: 43.696 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.6	113.4
145	34.4	26.7	40.1



Abundance Ion 180.00 (179.70 to 180.70): E
1500000
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





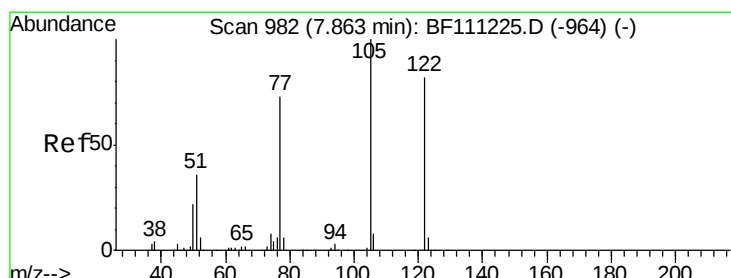
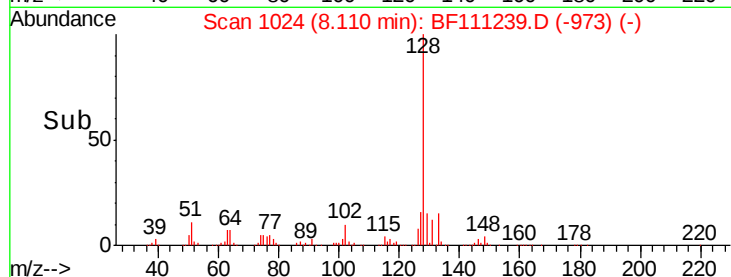
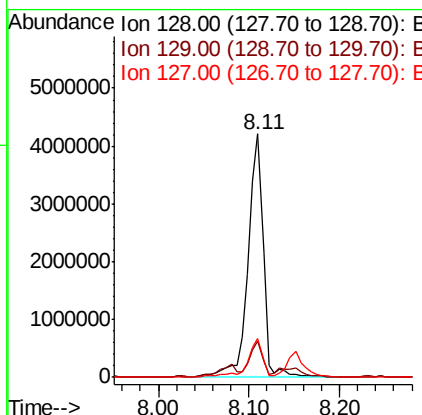
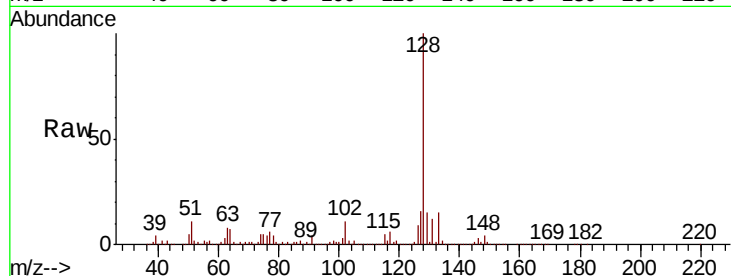
#31
Naphthalene
Concen: 50.684 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion:128 Resp: 4874729
Ion Ratio Lower Upper
128 100
129 14.8 9.8 14.8
127 15.8 12.0 18.0

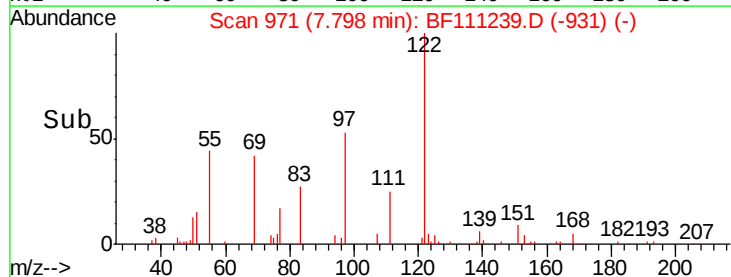
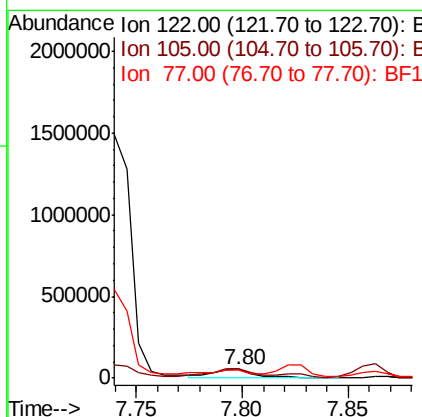
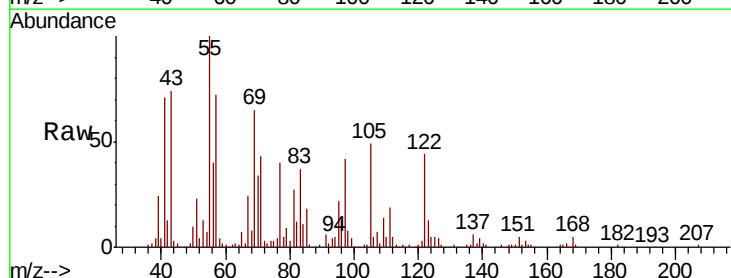
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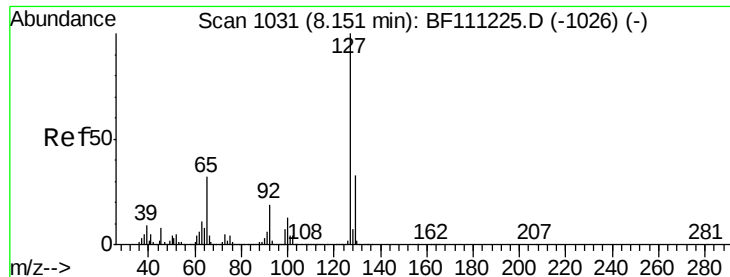
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#32
Benzoic acid
Concen: 2.461 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.06 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:122 Resp: 63899
Ion Ratio Lower Upper
122 100
105 110.9 97.0 137.0
77 89.2 65.7 105.7





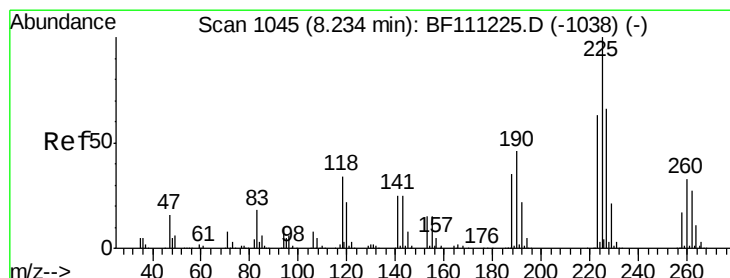
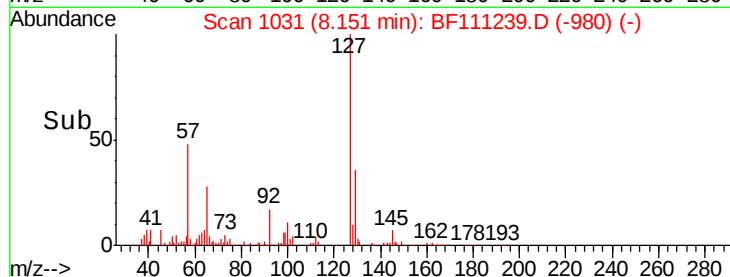
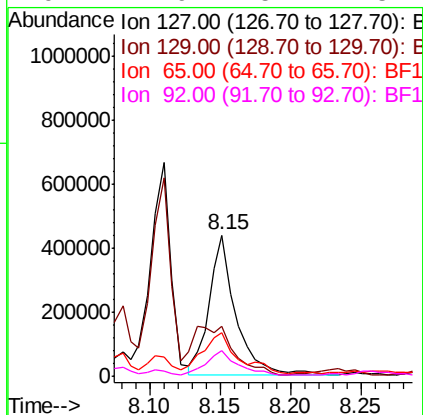
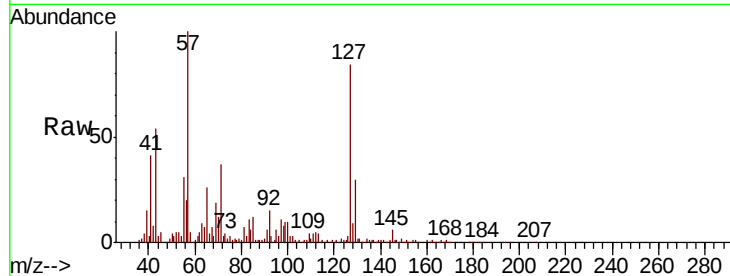
#33
4-Chloroaniline
Concen: 12.233 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.6		26.6	39.8	
65	31.1		25.7	38.5	
92	17.9		15.4	23.2	

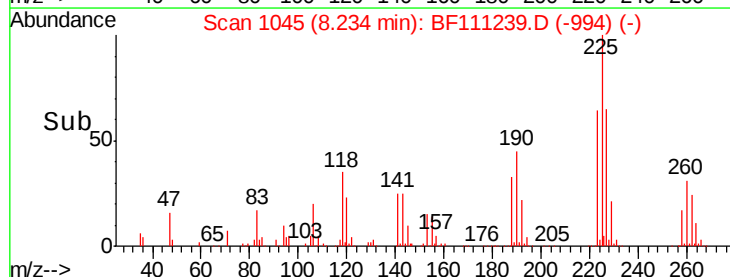
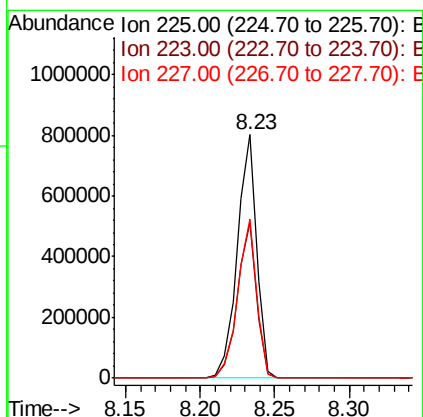
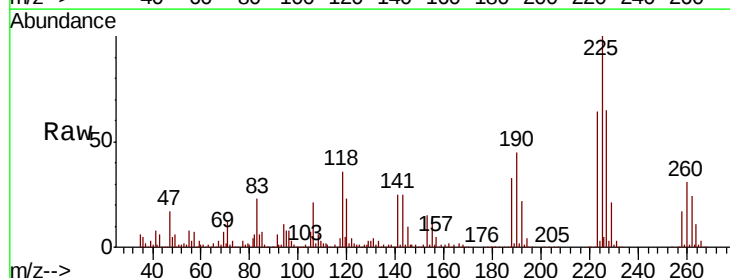
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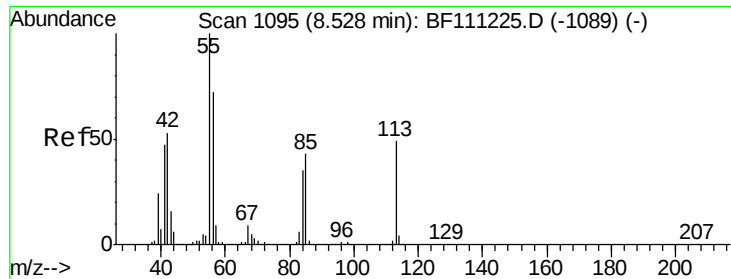
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#34
Hexachlorobutadiene
Concen: 41.843 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8		50.7	76.1	
227	65.3		52.6	78.8	





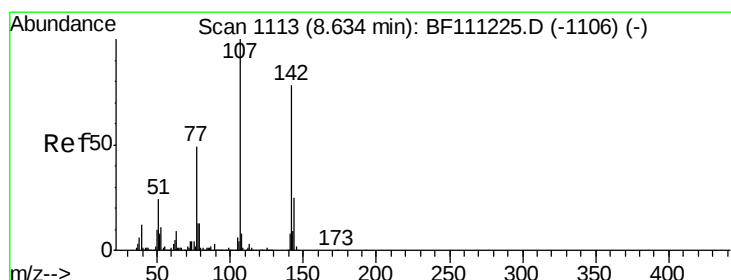
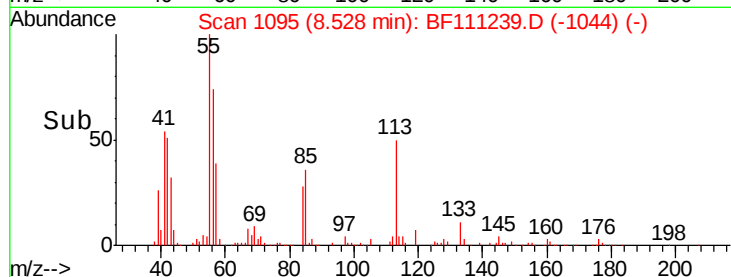
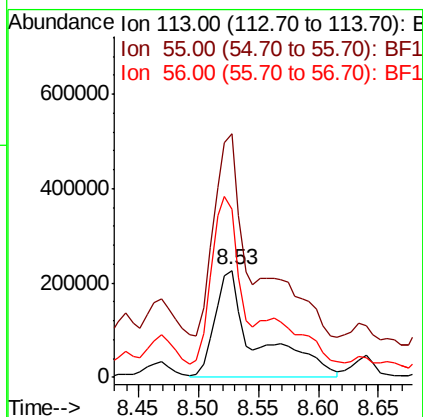
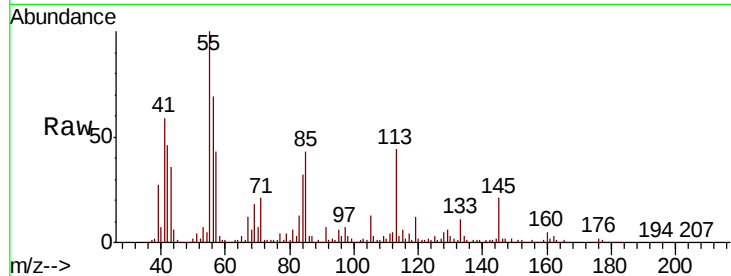
#35
 Caprolactam
 Concen: 47.873 ng/ml
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	227.8	184.1	224.1#
56	157.8	126.0	166.0

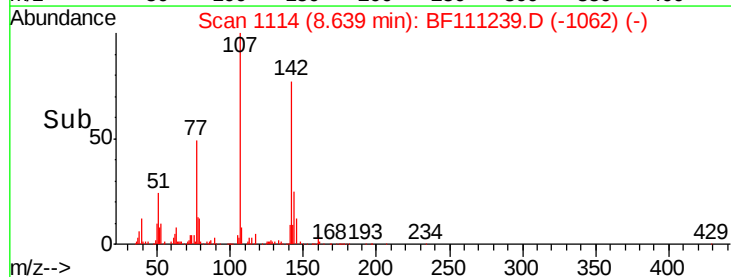
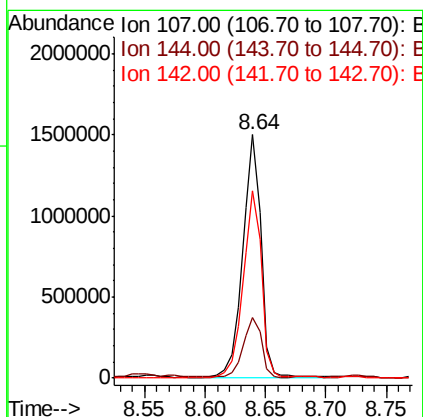
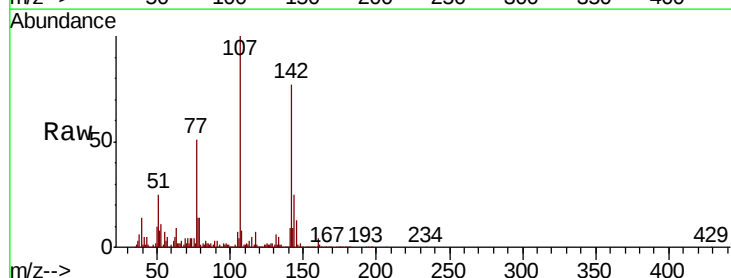
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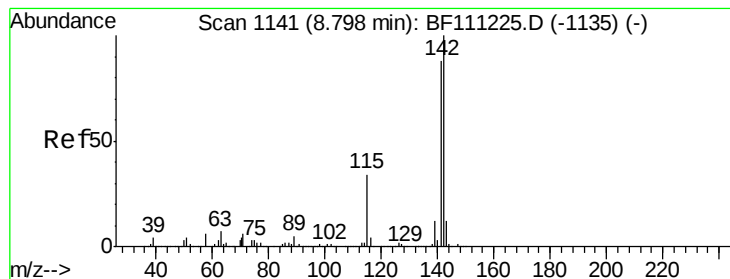
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#36
 4-Chloro-3-methylphenol
 Concen: 48.075 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.8	29.6
142	76.8	62.3	93.5





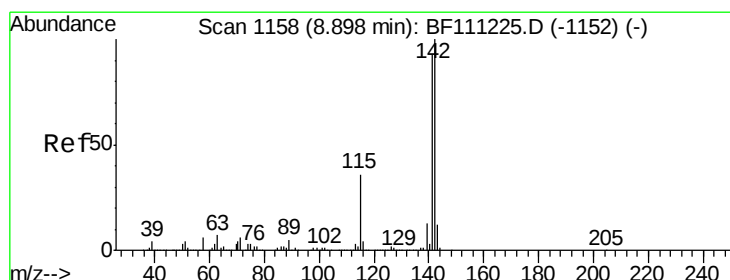
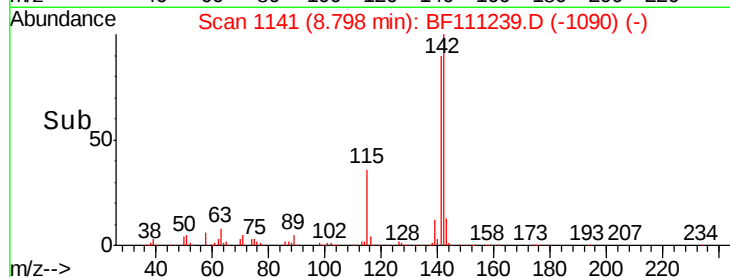
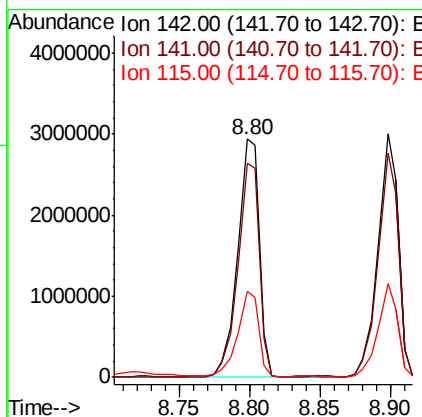
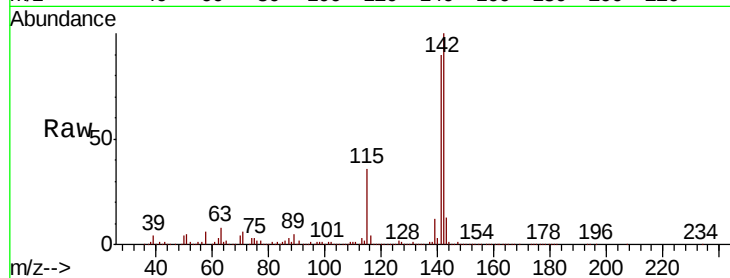
#37
2-Methylnaphthalene
Concen: 48.905 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.6	105.8
115	36.4	27.0	40.6

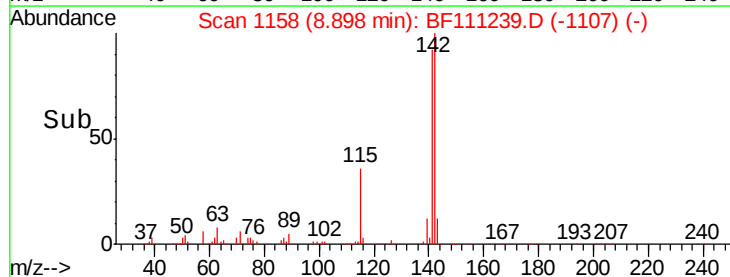
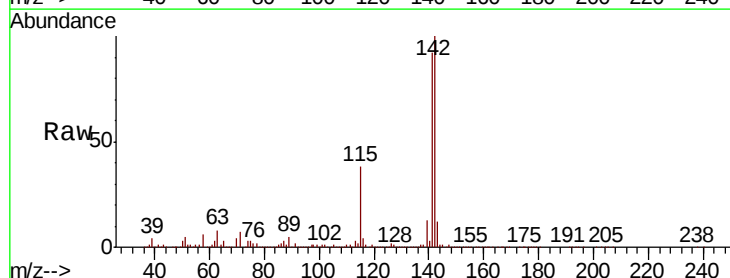
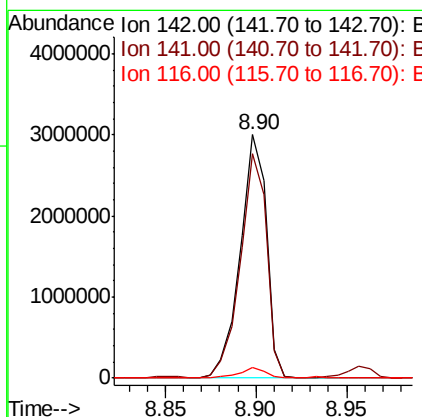
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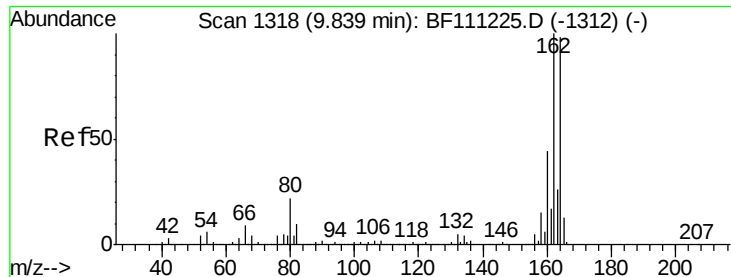
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#38
1-Methylnaphthalene
Concen: 48.181 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4
116	4.2	2.9	4.3





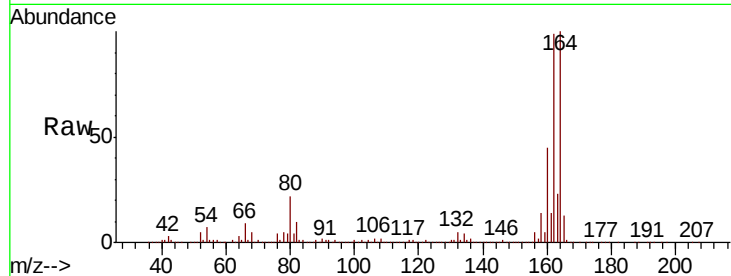
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

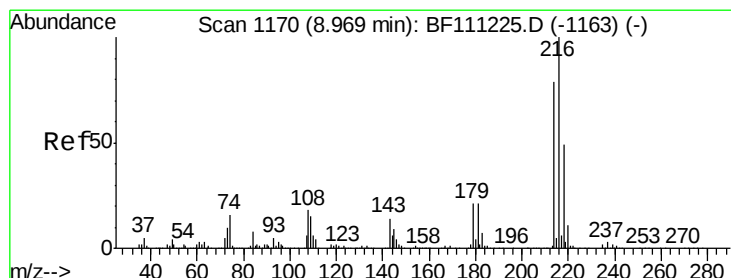
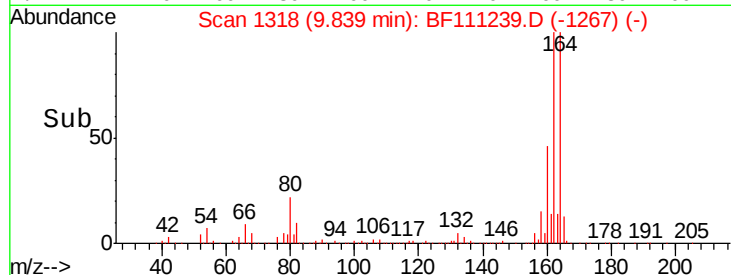
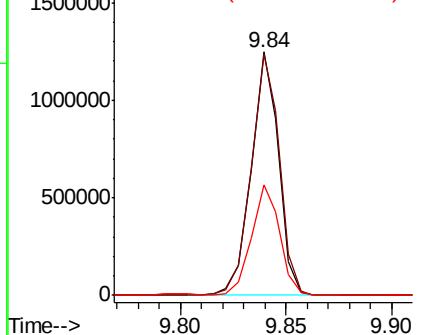
Tot Ion:164 Resp: 1121013
Ion Ratio Lower Upper
164 100
162 99.0 81.4 122.0
160 45.2 35.7 53.5

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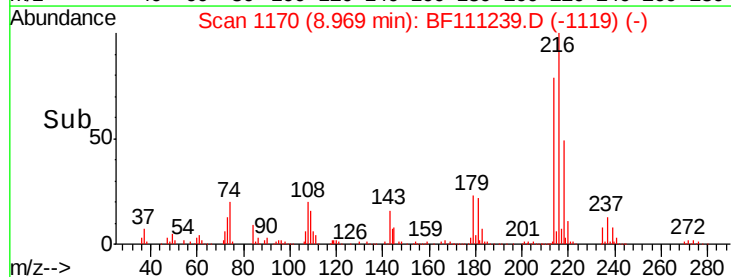
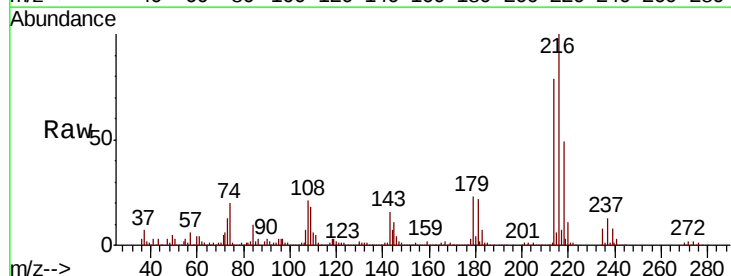
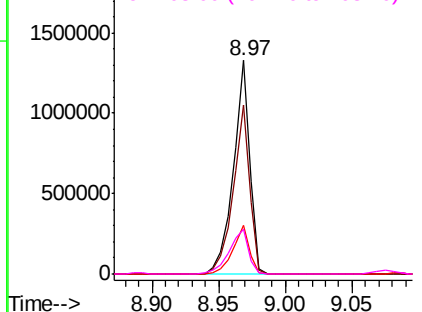
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

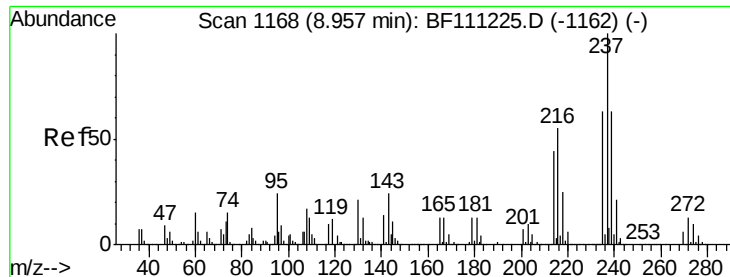


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.145 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:216 Resp: 1158664
Ion Ratio Lower Upper
216 100
214 79.3 63.8 95.8
179 22.6 17.9 26.9
108 23.9 18.4 27.6

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 56.954 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

Tot Ion:237 Resp: 1011738

Ion Ratio Lower Upper

237 100

235 62.6 43.1 83.1

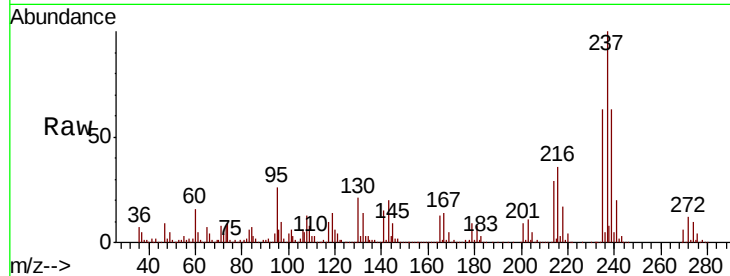
272 12.4 0.0 33.0

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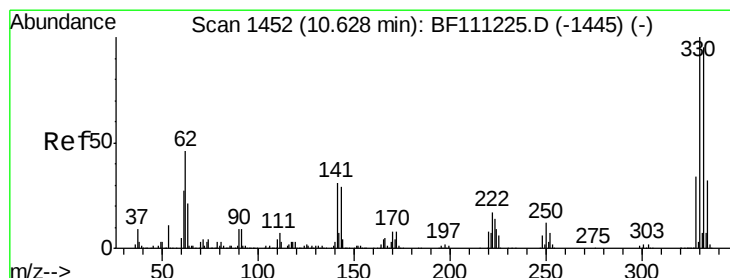
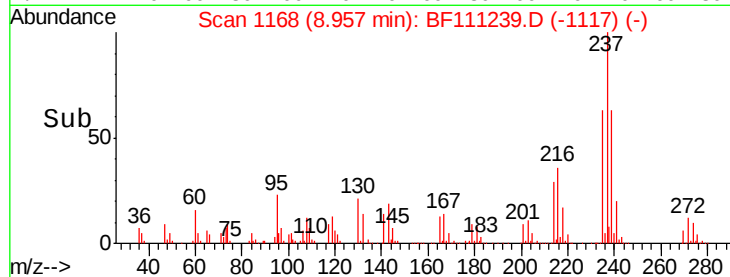
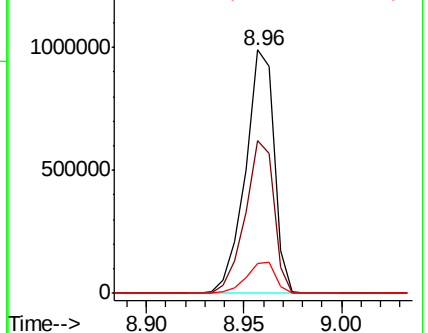
12/11/2018 8:42:28 AM



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 111.683 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

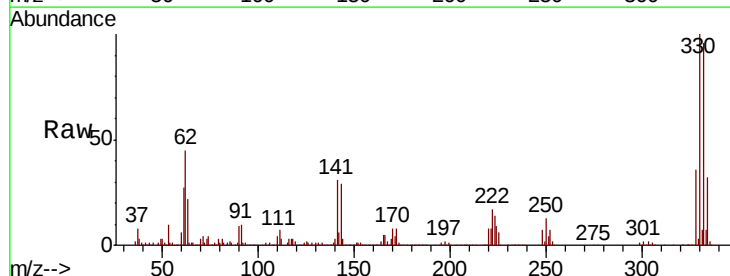
Tgt Ion:330 Resp: 1109022

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

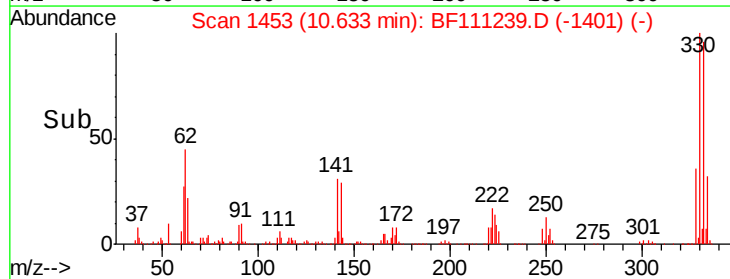
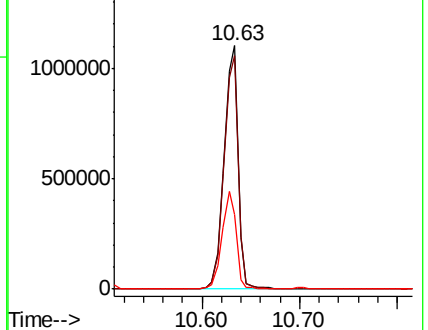
141 39.9 31.0 46.6

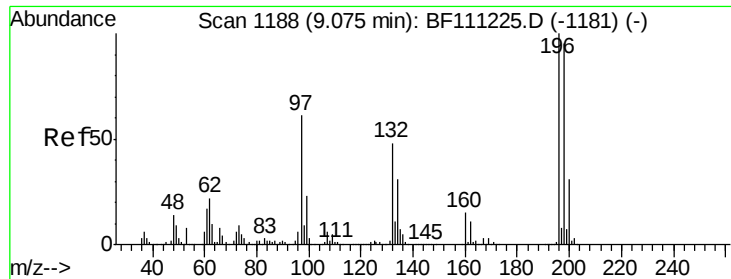


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





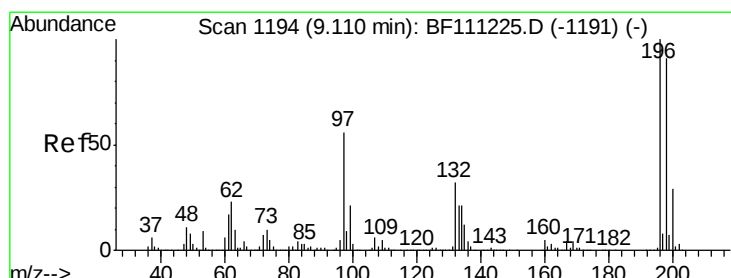
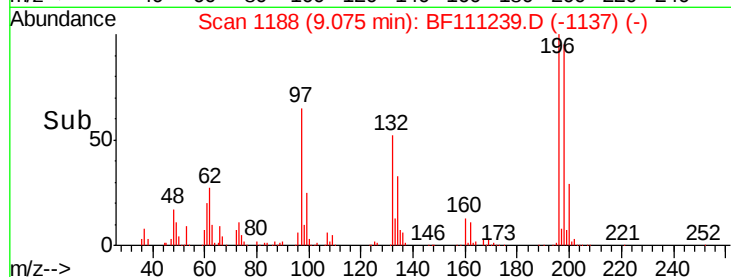
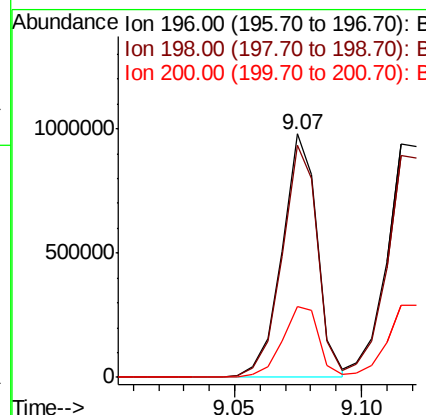
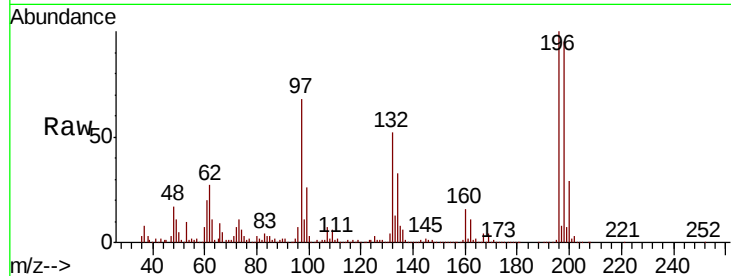
#43
 2,4,6-Trichlorophenol
 Concen: 40.609 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	950833		
198	95.1	76.3	114.5	
200	29.2	24.9	37.3	

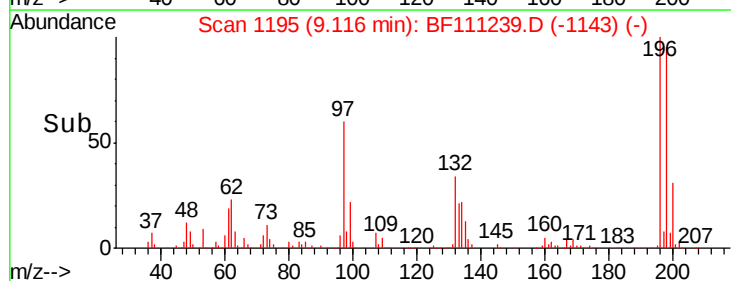
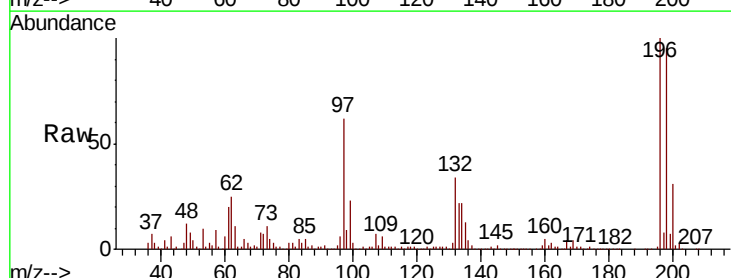
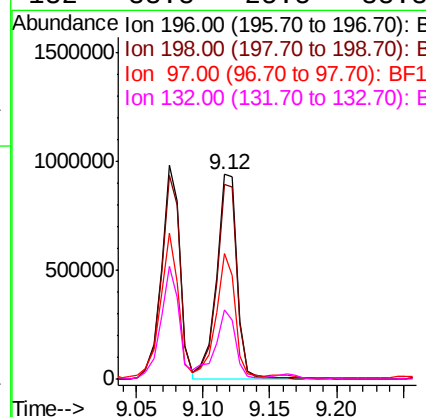
Manual Integrations
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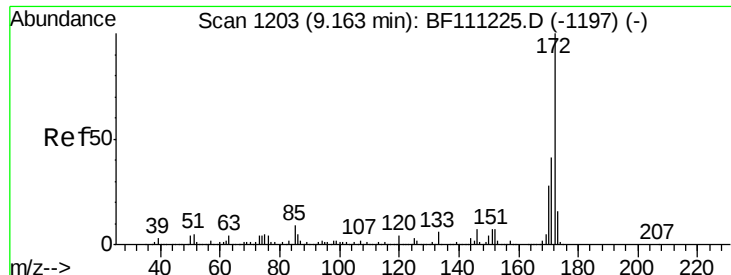
Sohil
 12/11/2018 8:42:28 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.743 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	1018141		
198	95.3	72.9	109.3	
97	61.5	45.3	67.9	
132	33.8	25.5	38.3	





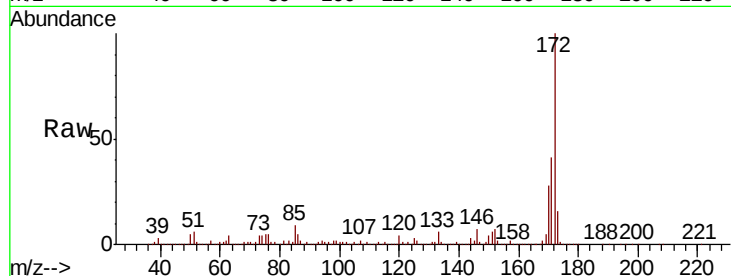
#45
2-Fluorobiphenyl
Concen: 72.594 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.0	33.0	49.4
170	28.3	22.3	33.5

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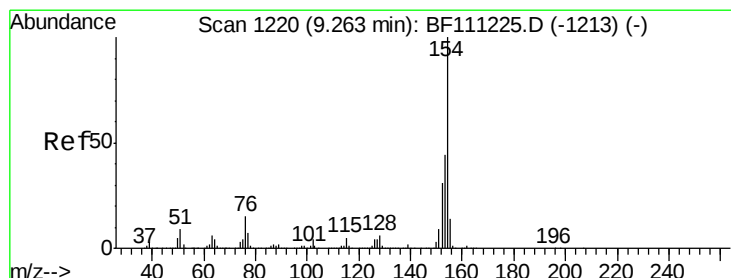
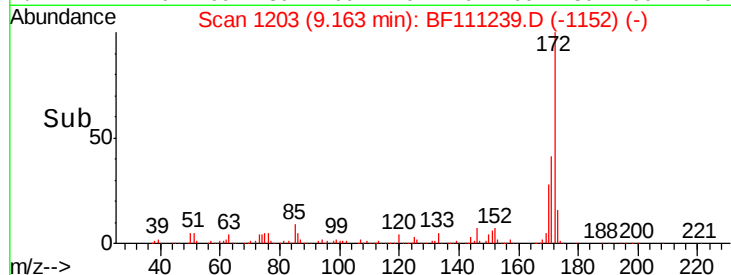
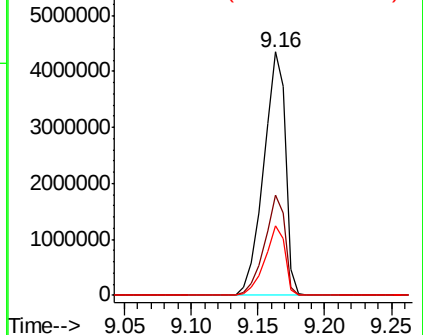


Abundance

Ion 172.00 (171.70 to 172.70): E

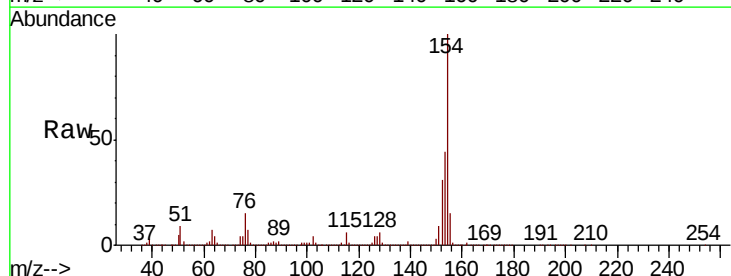
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 37.095 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.4	23.7	63.7
76	15.3	0.0	35.0

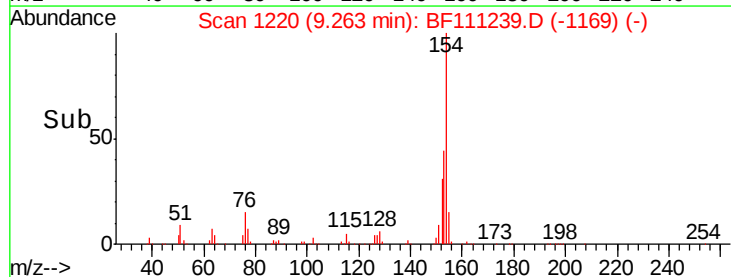
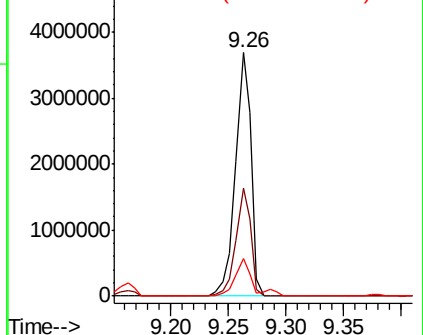


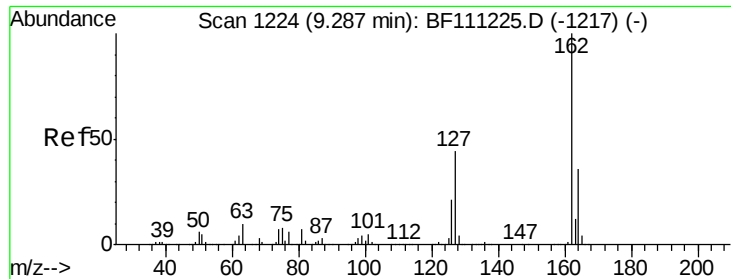
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





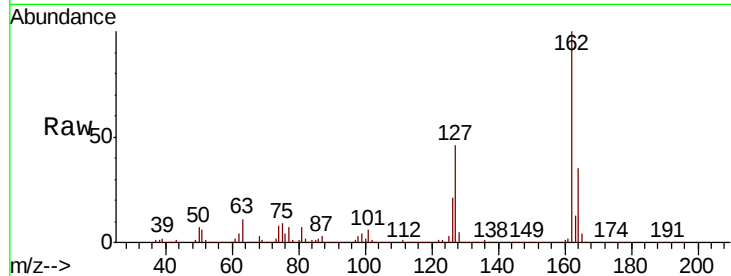
#47
 2-Chloronaphthalene
 Concen: 38.442 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

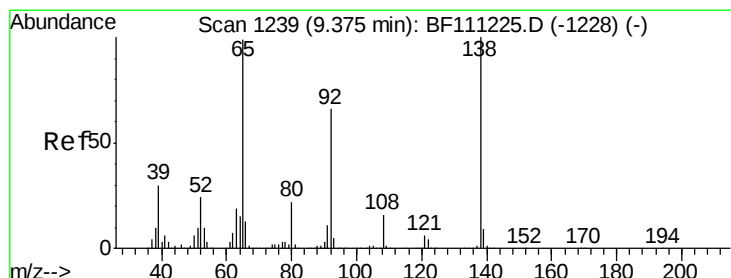
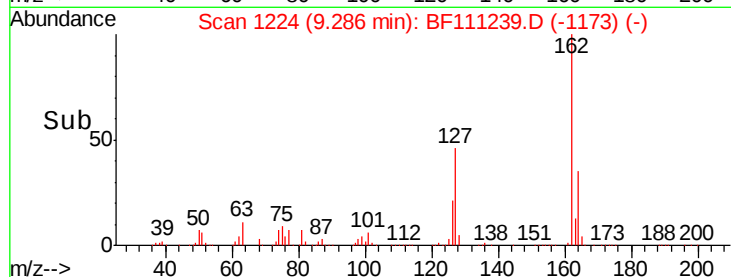
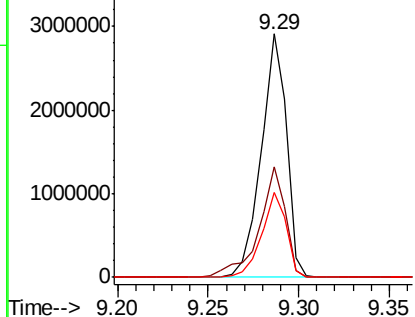
Tot Ion	Ratio	Lower	Upper
162	100		
127	45.6	35.0	52.4
164	35.1	28.4	42.6

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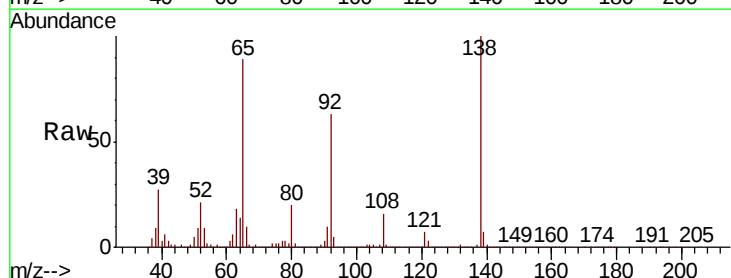


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

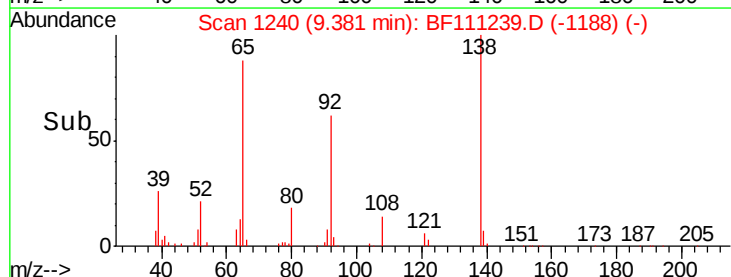
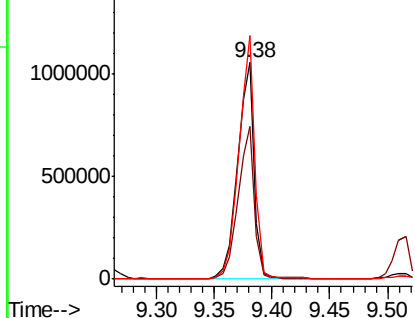


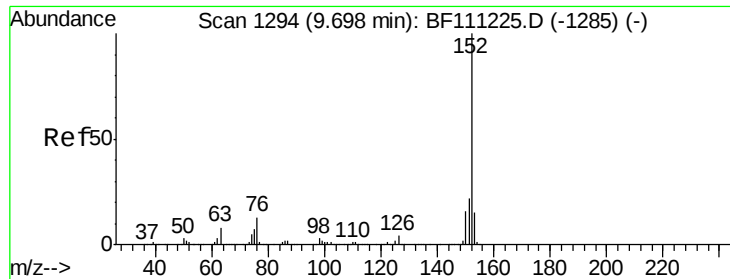
#48
 2-Nitroaniline
 Concen: 41.773 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	53.5	80.3
138	112.7	80.9	121.3



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.739 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

Tot Ion:152 Resp: 4231653

Ion Ratio Lower Upper

152 100

151 23.4 18.0 27.0

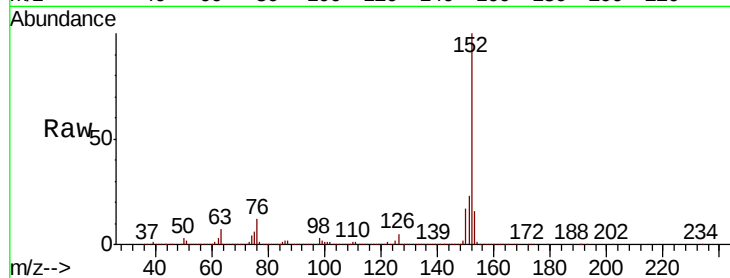
153 15.6 12.3 18.5

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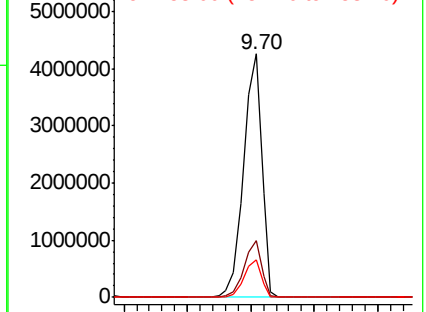
12/11/2018 8:42:28 AM



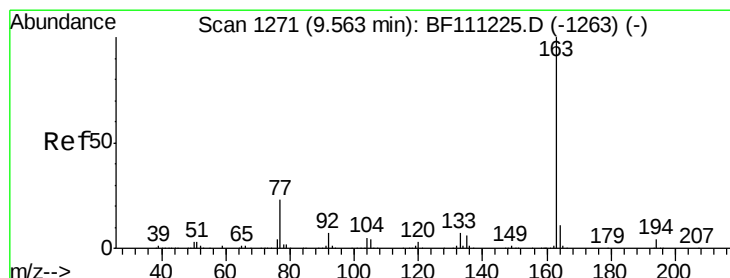
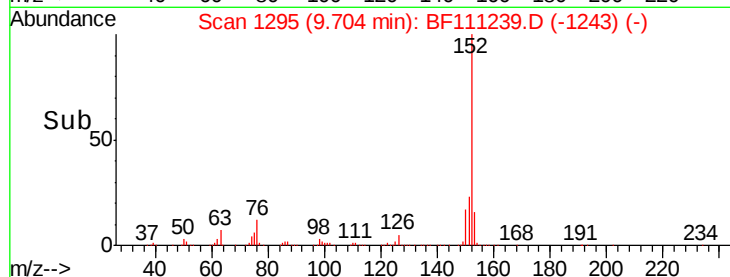
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 43.857 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

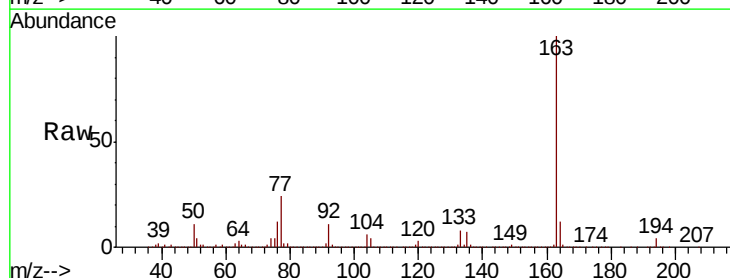
Tgt Ion:163 Resp: 3627630

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

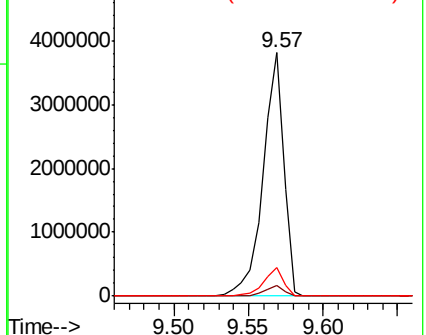
164 11.8 8.9 13.3



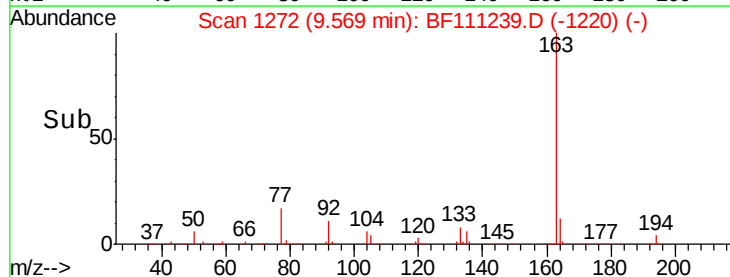
Abundance Ion 163.00 (162.70 to 163.70): E

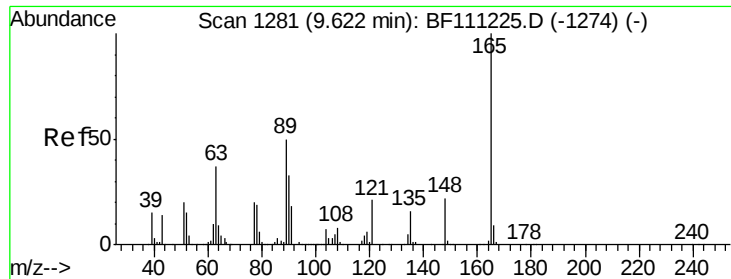
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





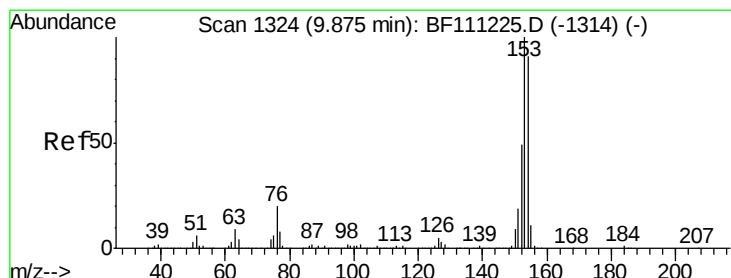
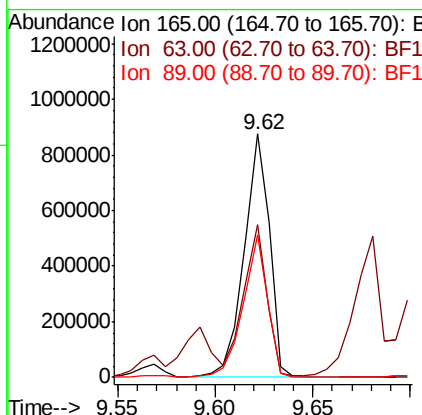
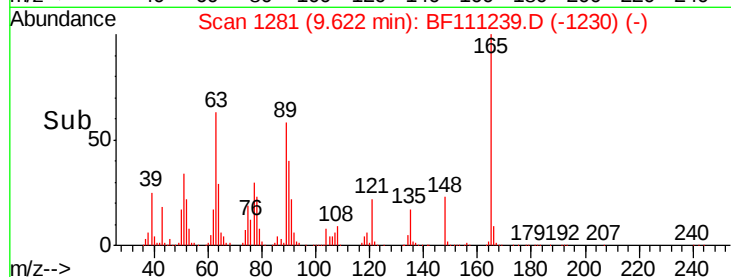
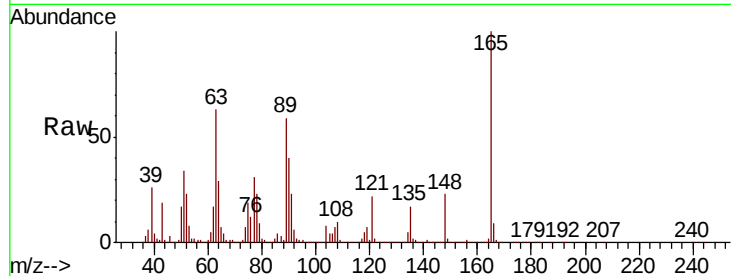
#51
2,6-Dinitrotoluene
Concen: 42.898 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	783598		
63	62.8		40.5	60.7#
89	58.5		40.0	60.0

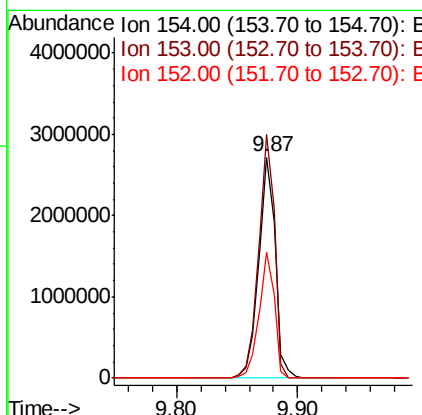
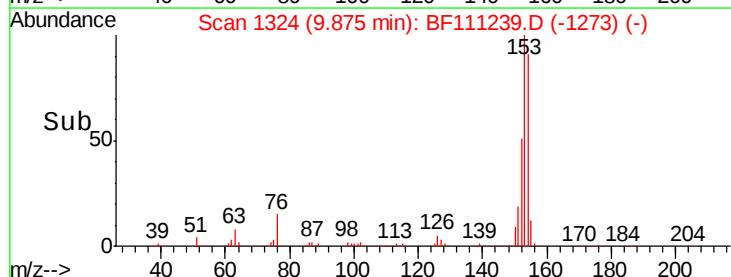
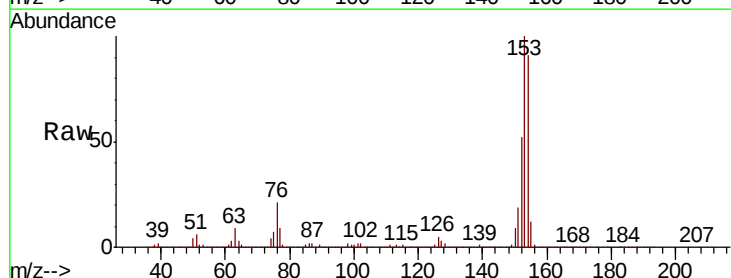
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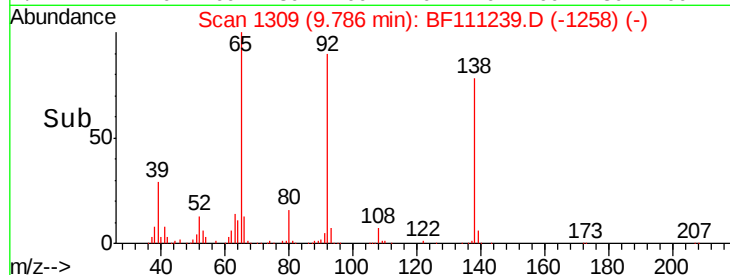
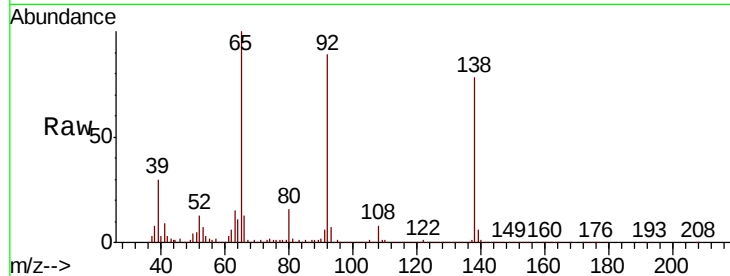
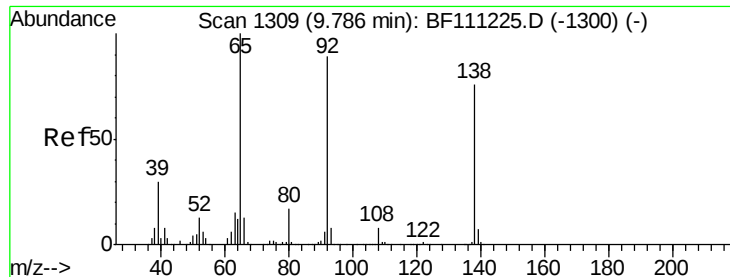
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#52
Acenaphthene
Concen: 39.318 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2627383		
153	110.1		87.8	131.8
152	56.8		43.4	65.2





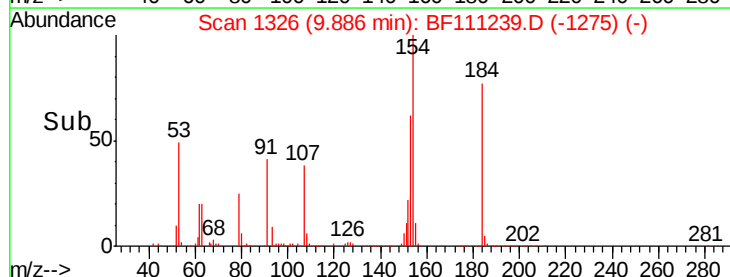
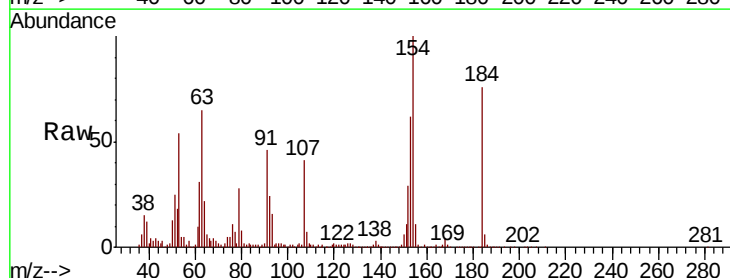
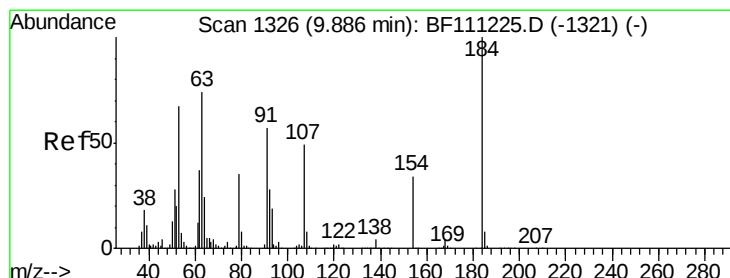
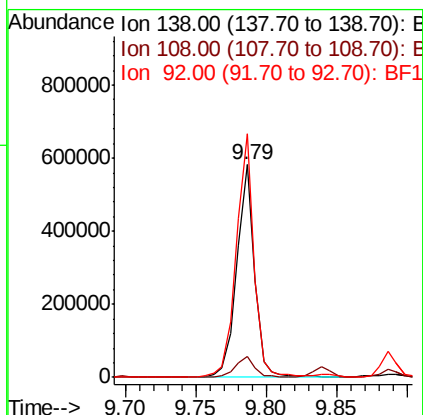
#53
3-Nitroaniline
Concen: 22.626 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tot Ion	Ratio	Resp	Lower	Upper
138	100	510138		
108	9.6	8.2	12.4	
92	114.5	93.4	140.2	

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

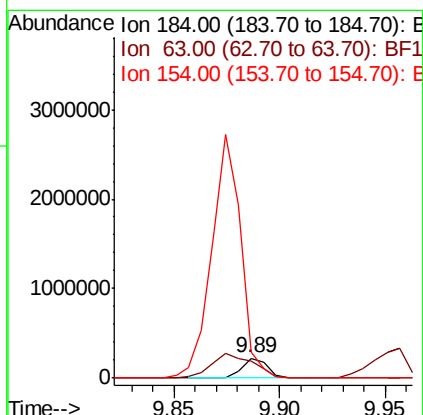
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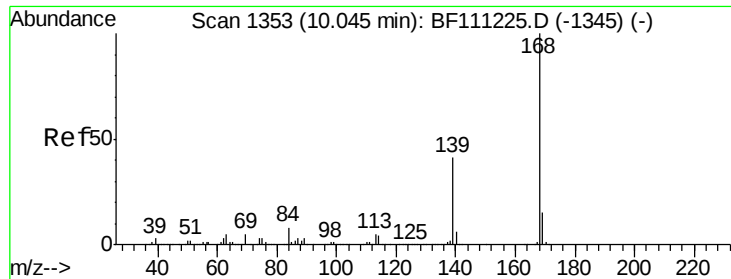
Sohil
12/11/2018 8:42:28 AM



#54
2,4-Dinitrophenol
Concen: 25.648 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	185137		
63	84.9	62.3	93.5	
154	130.9	56.2	84.2#	





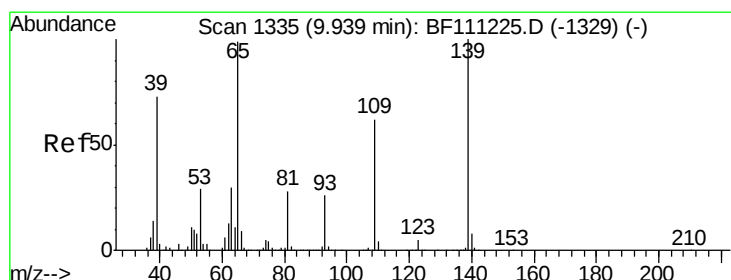
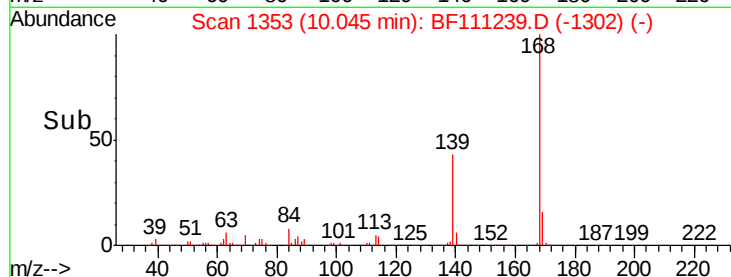
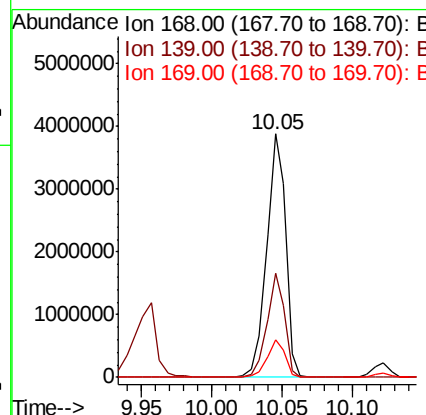
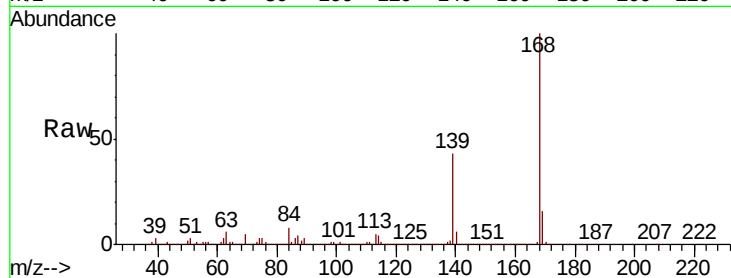
#55
Dibenzofuran
Concen: 40.703 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion:168 Resp: 3700303
Ion Ratio Lower Upper
168 100
139 42.7 32.6 49.0
169 15.7 11.8 17.6

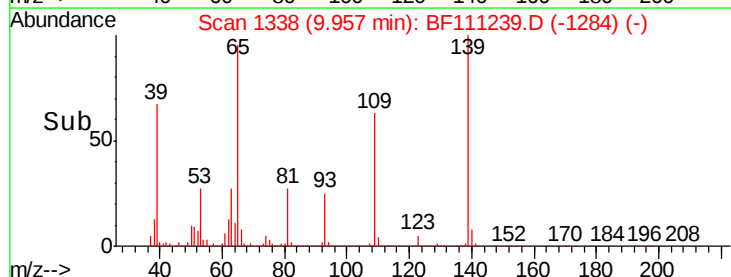
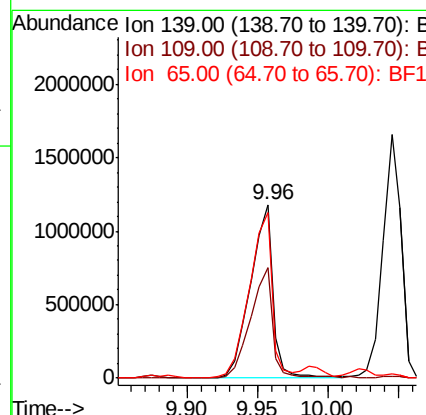
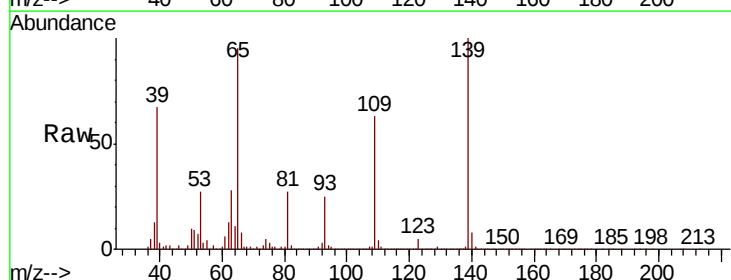
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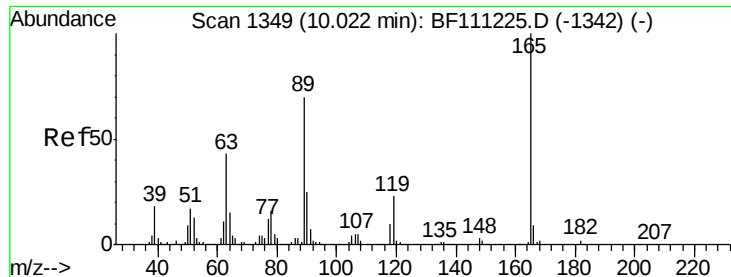
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#56
4-Nitrophenol
Concen: 75.239 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:139 Resp: 1321206
Ion Ratio Lower Upper
139 100
109 63.5 41.8 81.8
65 95.3 79.6 119.6





#57

2,4-Dinitrotoluene

Concen: 46.593 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

Tot Ion:165 Resp: 1049219

Ion Ratio Lower Upper

165 100

63 41.5 34.6 52.0

89 66.4 56.2 84.4

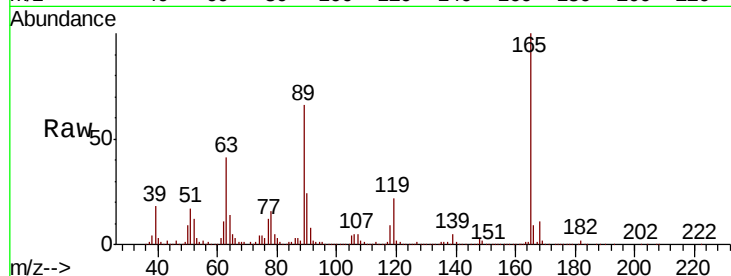
182 2.3 1.8 2.6

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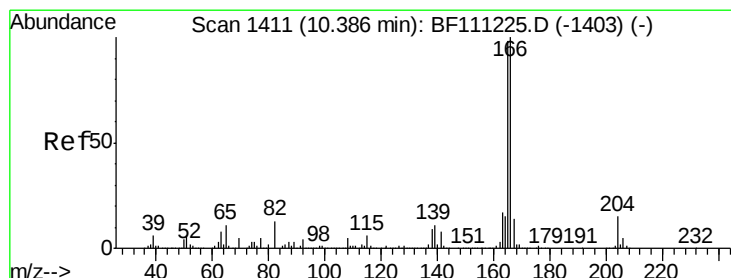
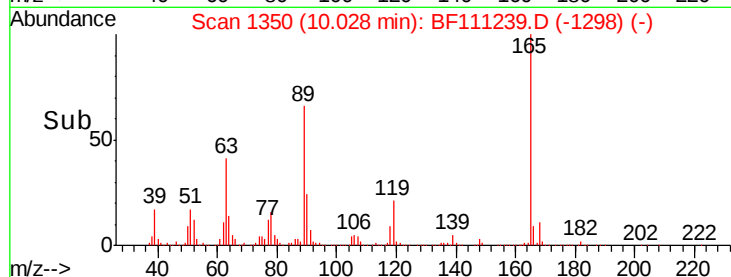
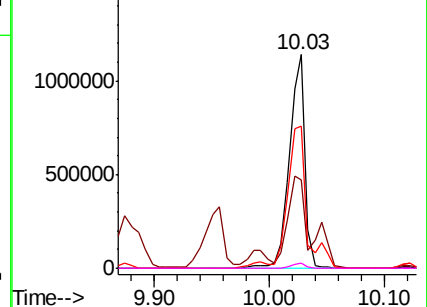


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.680 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

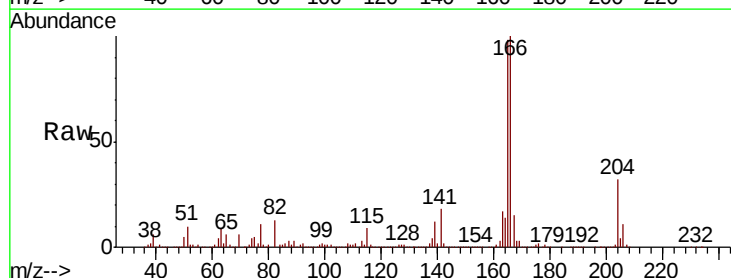
Tgt Ion:166 Resp: 2721114

Ion Ratio Lower Upper

166 100

165 97.6 78.4 117.6

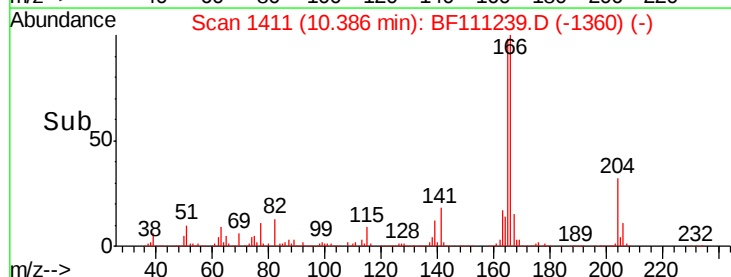
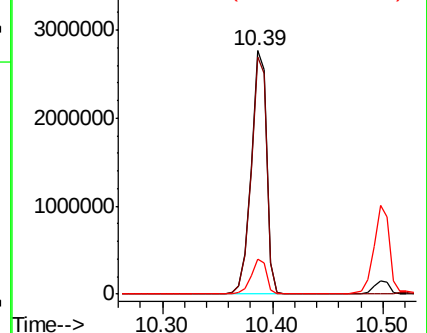
167 14.6 11.2 16.8

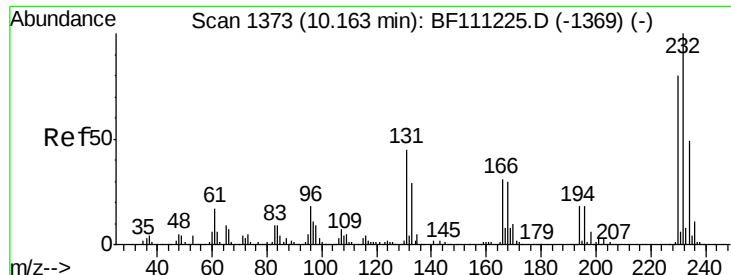


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





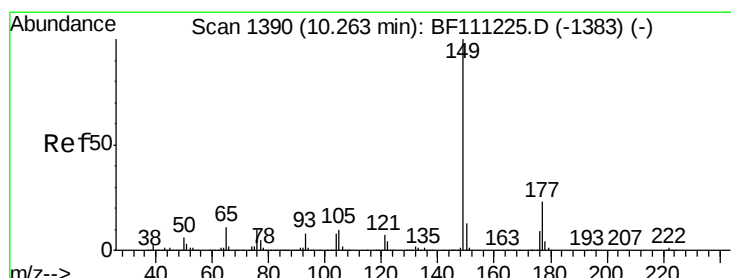
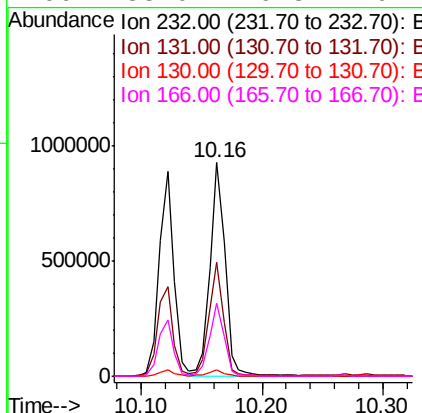
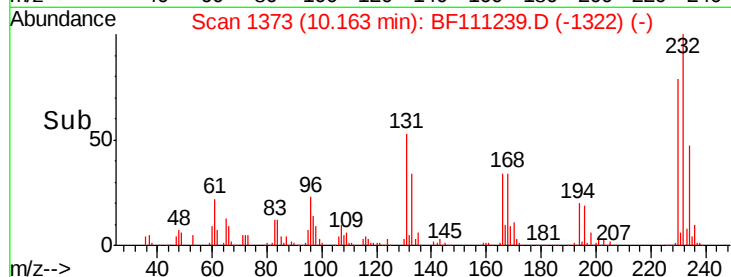
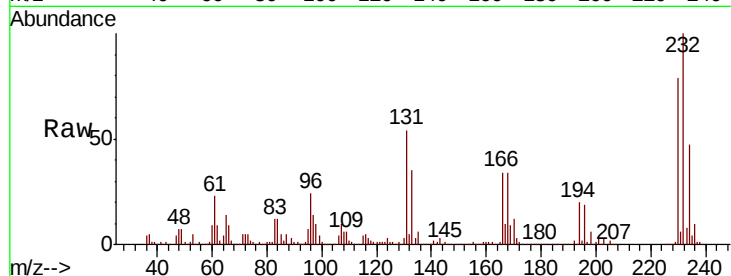
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.565 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.1	40.9	61.3
130	2.7	2.0	3.0
166	33.0	26.8	40.2

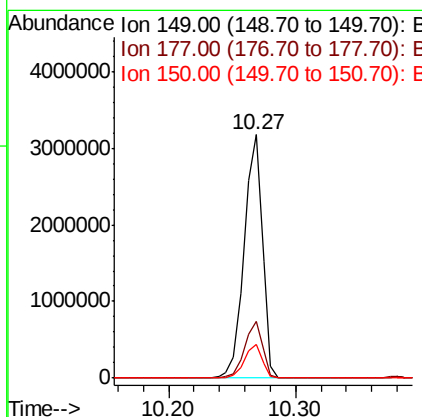
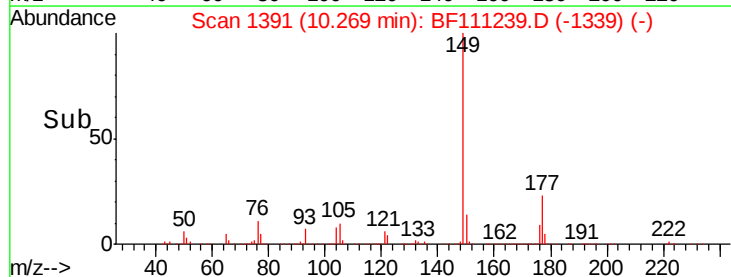
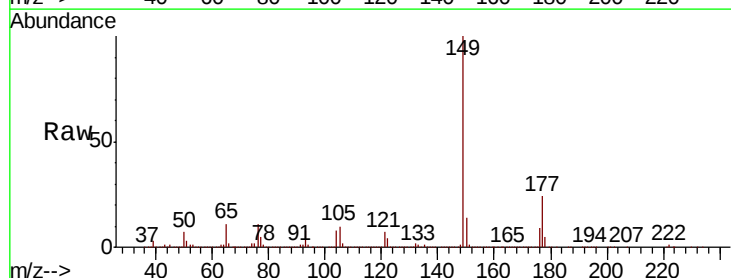
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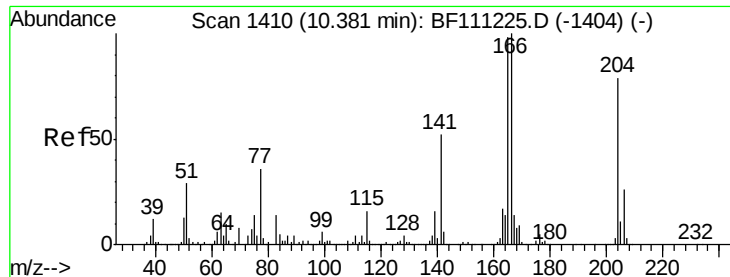
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#60
Diethylphthalate
Concen: 40.043 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.3	27.5
150	14.0	10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 35.988 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

Tot Ion:204 Resp: 1257040

Ion Ratio Lower Upper

204 100

206 33.1 26.6 39.8

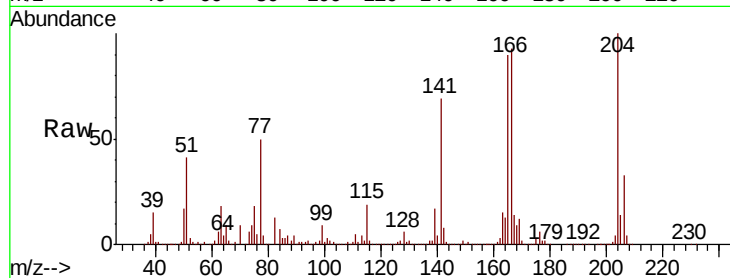
141 68.8 52.6 78.8

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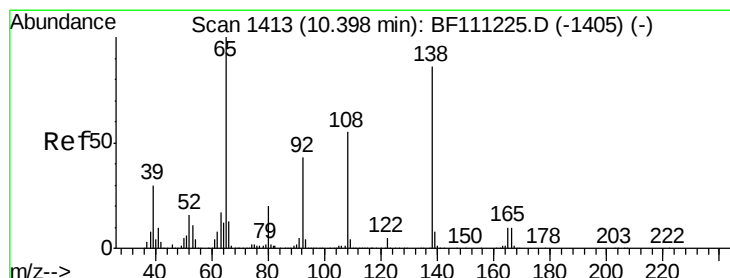
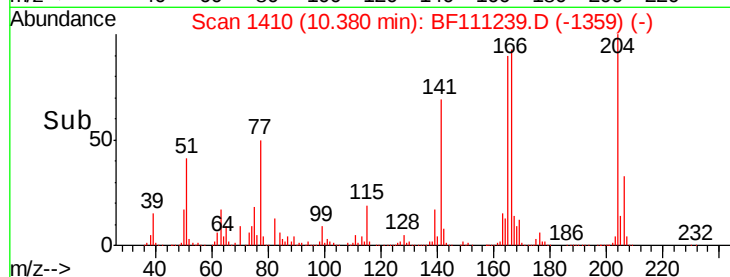
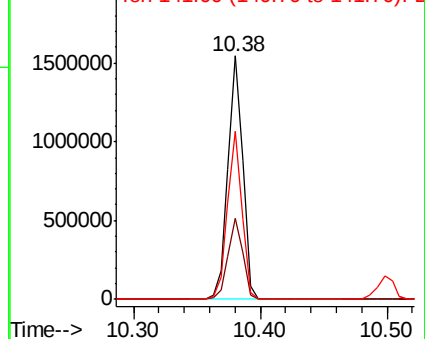


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 39.335 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

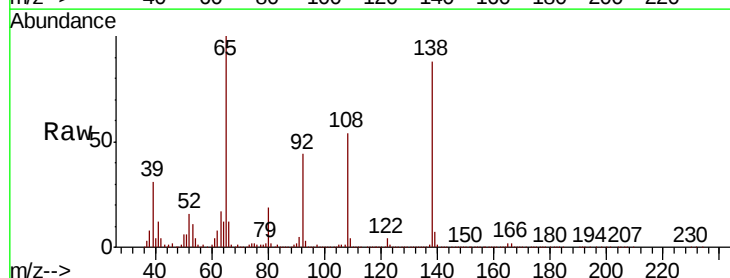
Tgt Ion:138 Resp: 839162

Ion Ratio Lower Upper

138 100

92 49.8 29.9 69.9

108 62.1 43.2 83.2

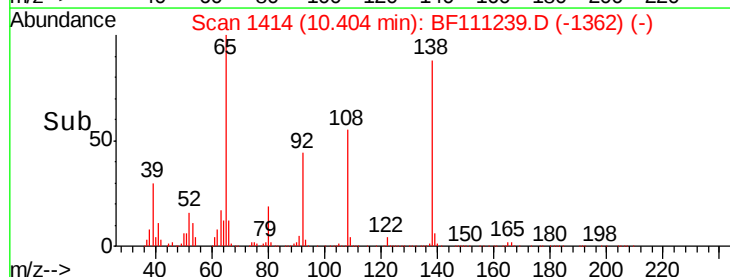
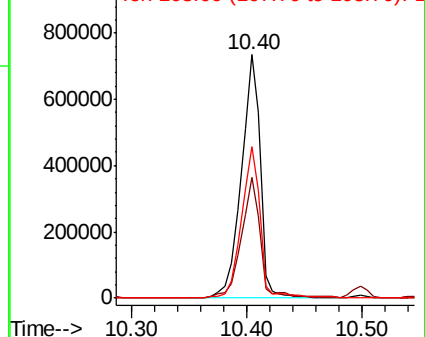


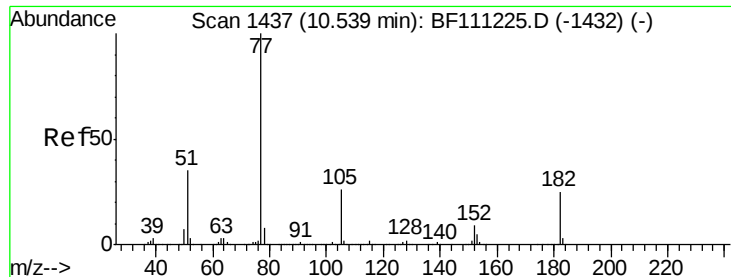
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





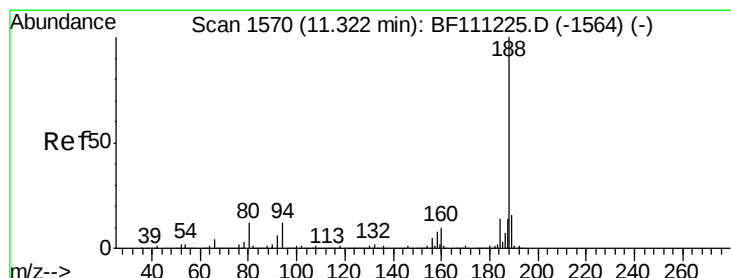
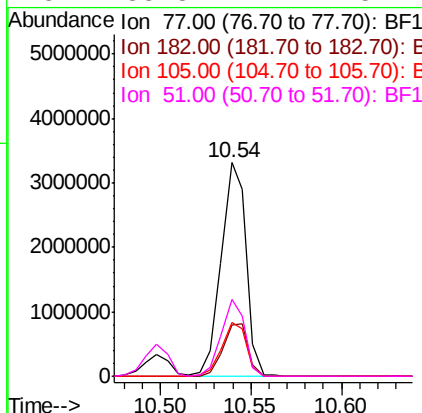
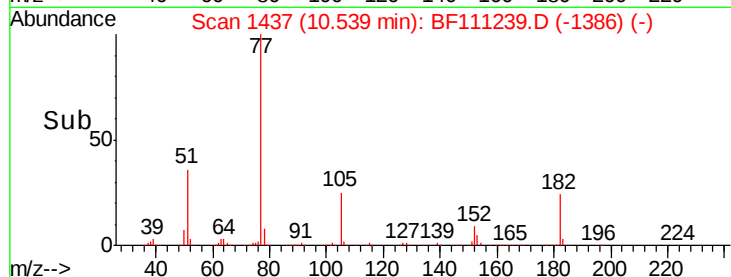
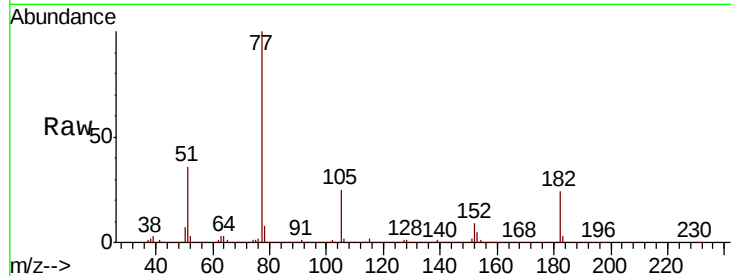
#63
Azobenzene
Concen: 38.527 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.8	4.9	44.9
105	25.4	6.0	46.0
51	35.8	14.7	54.7

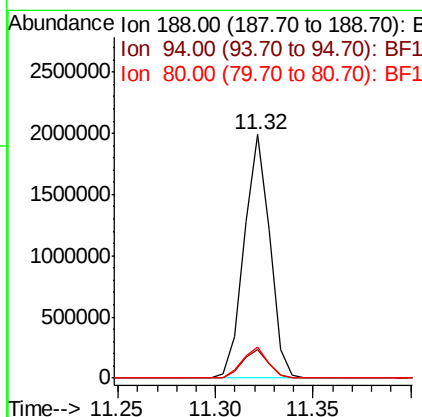
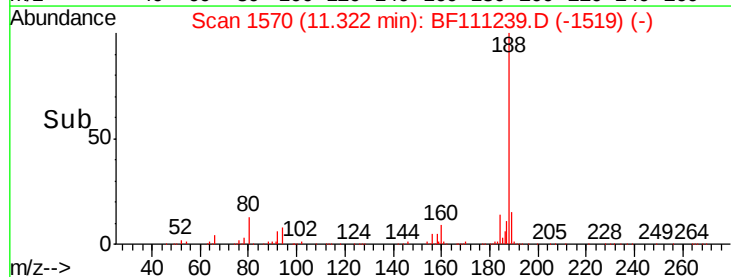
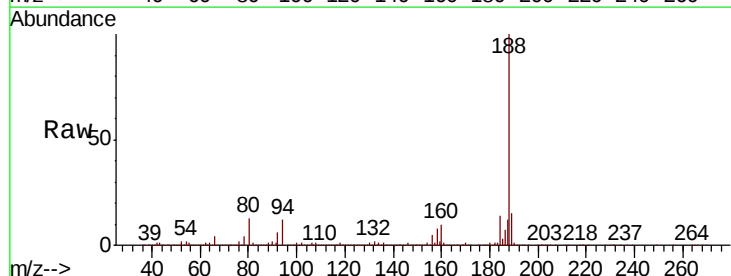
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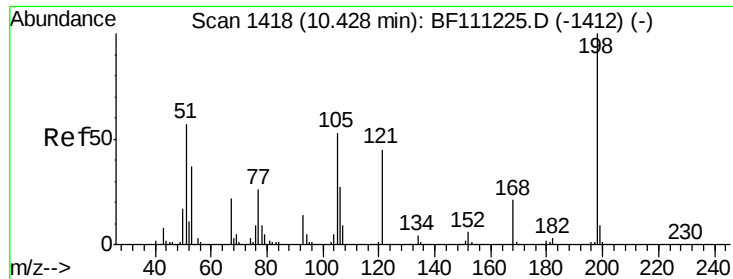
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.6	14.4
80	12.9	9.8	14.6





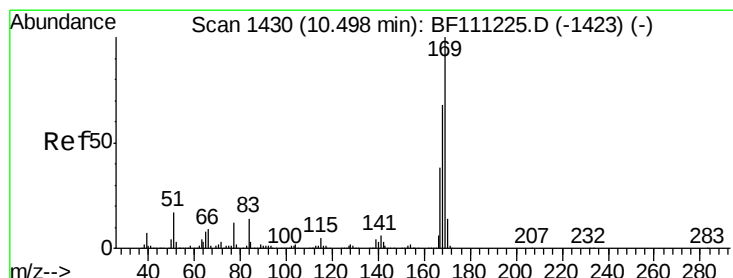
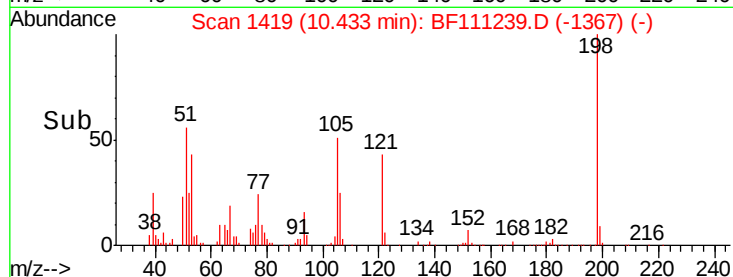
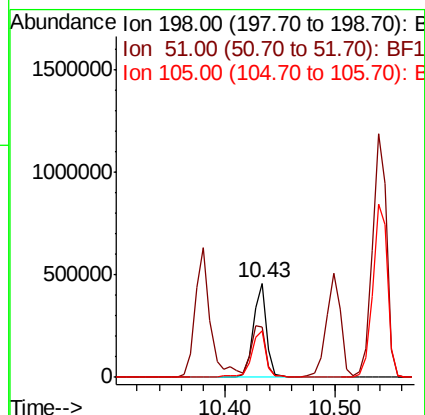
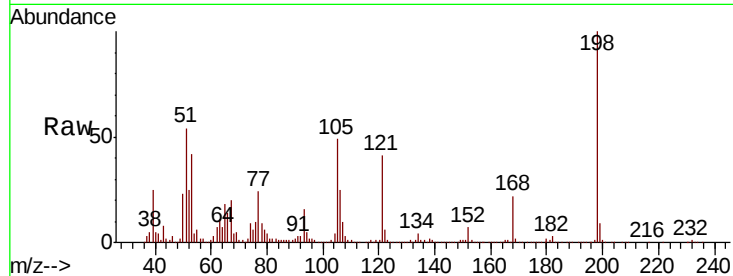
#65
4,6-Dinitro-2-methylphenol
Concen: 35.967 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	382849		
51	53.5	48.0	88.0	
105	48.9	34.0	74.0	

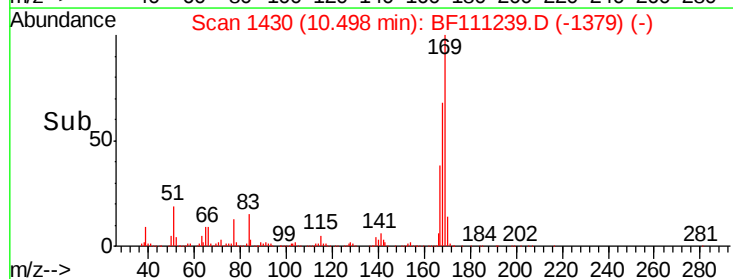
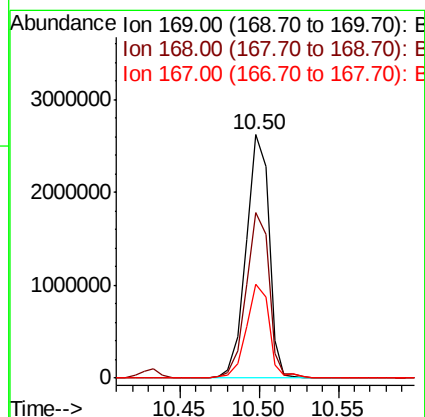
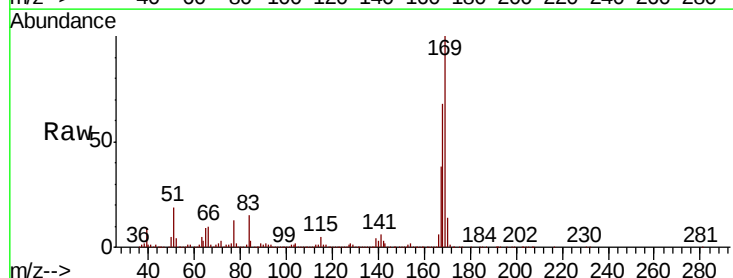
Manual Integrations
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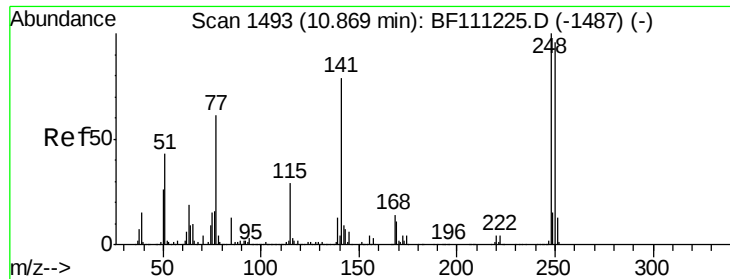
Sohil
12/11/2018 8:42:28 AM



#66
n-Nitrosodiphenylamine
Concen: 42.509 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2620253		
168	67.8	54.4	81.6	
167	38.5	30.5	45.7	





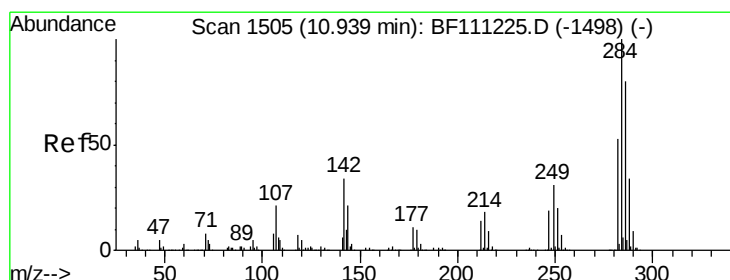
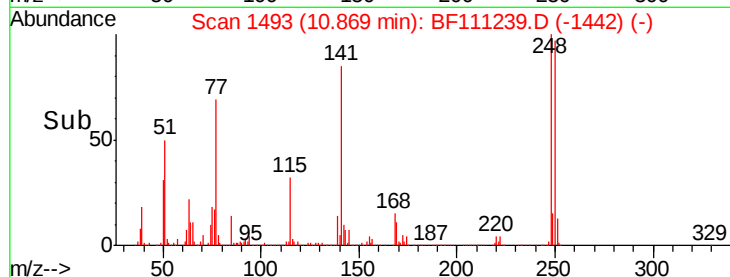
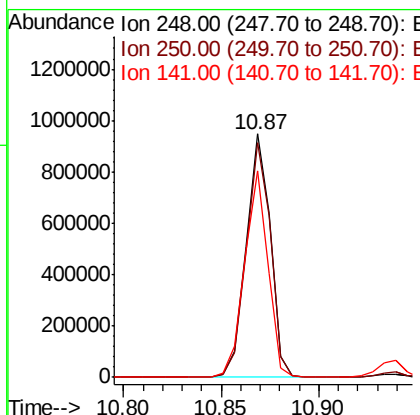
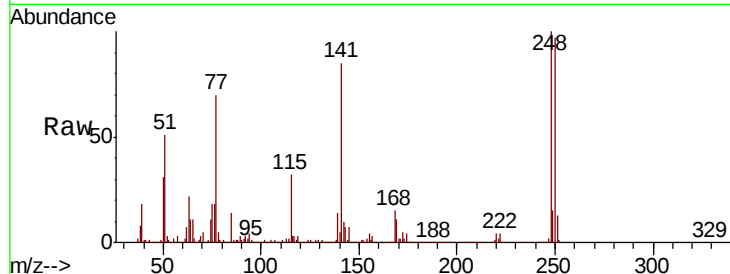
#67
 4-Bromophenyl-phenylether
 Concen: 40.966 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.0	115.4
141	85.0	63.0	94.6

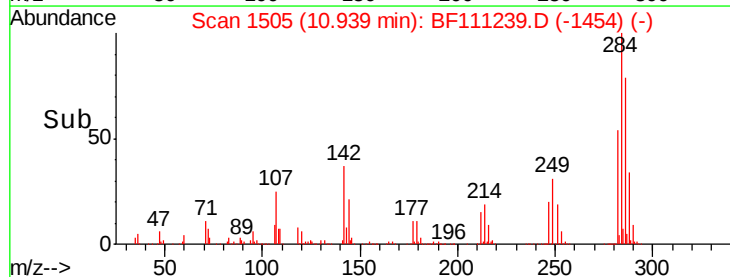
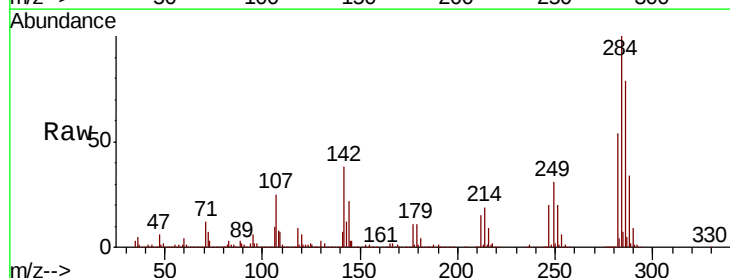
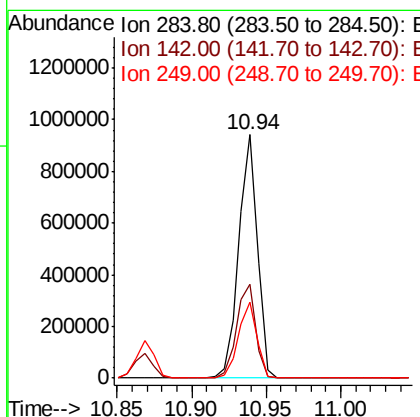
Manual Integrations
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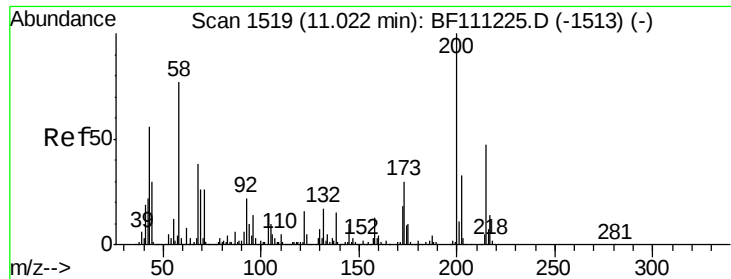
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#68
 Hexachlorobenzene
 Concen: 40.775 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.4	27.4	41.2
249	31.1	24.4	36.6





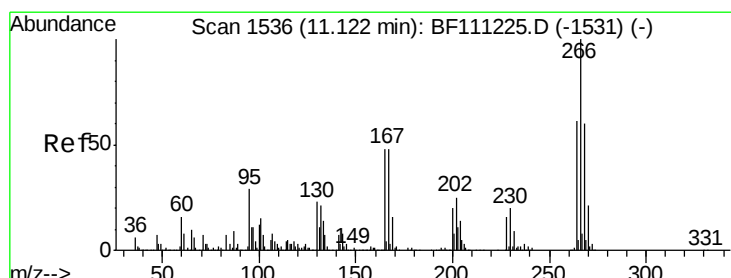
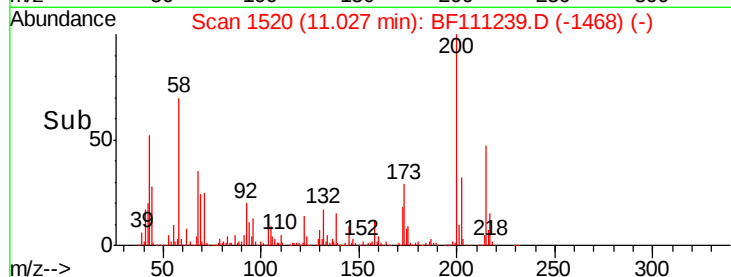
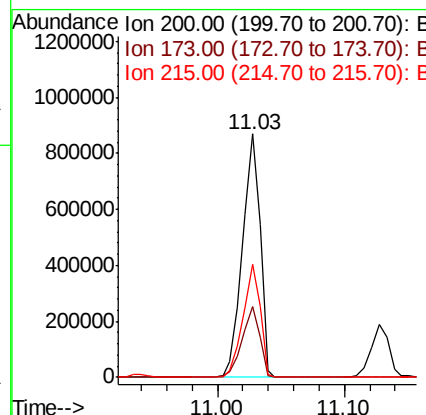
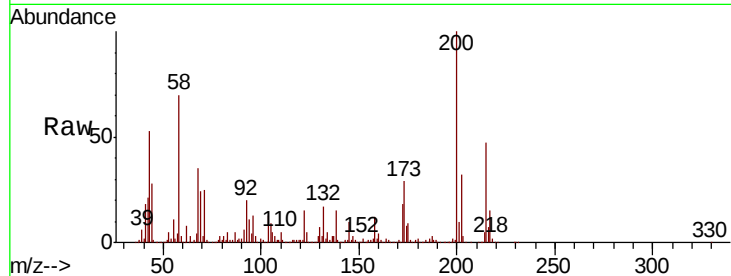
#69
Atrazine
Concen: 44.270 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	829804		
173	29.2		10.1	50.1
215	46.6		26.9	66.9

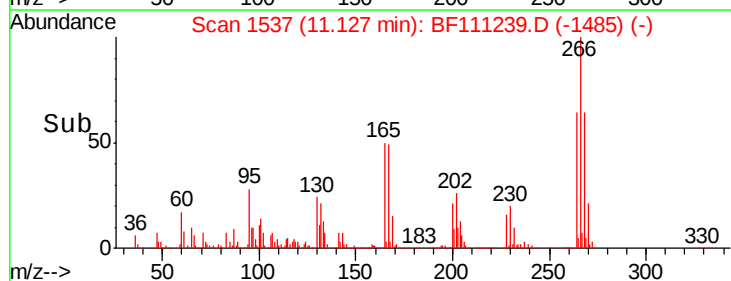
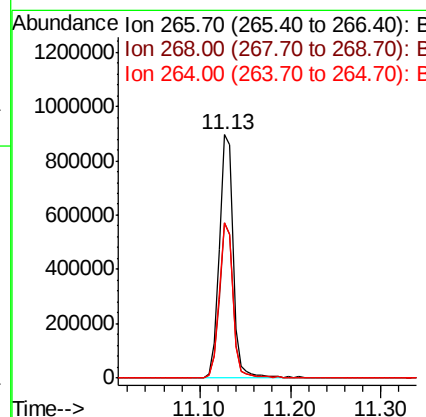
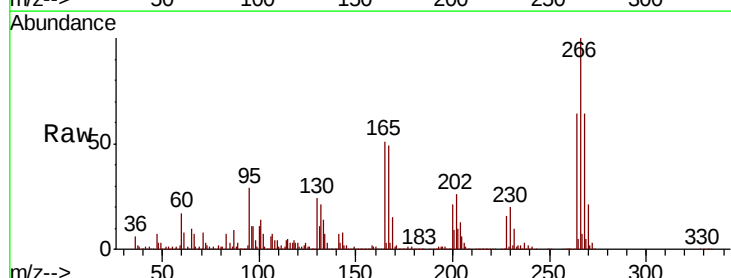
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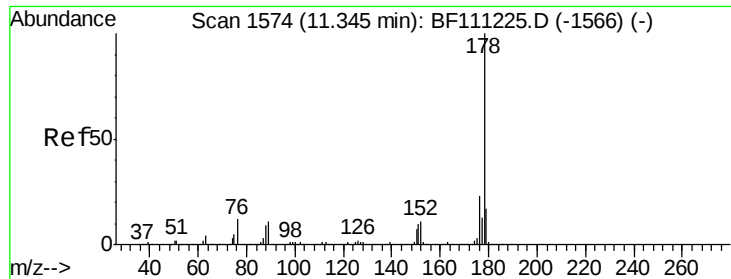
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#70
Pentachlorophenol
Concen: 65.337 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	956264		
268	64.0		47.9	71.9
264	63.7		49.1	73.7





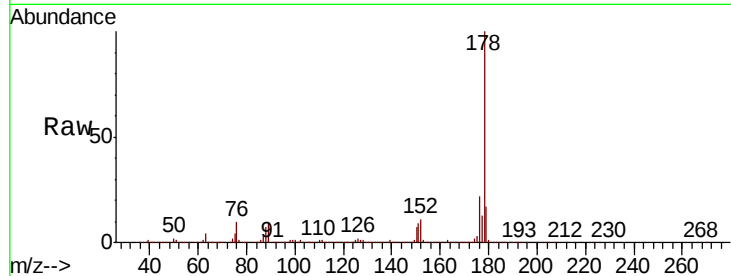
#71
Phenanthrene
Concen: 41.140 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

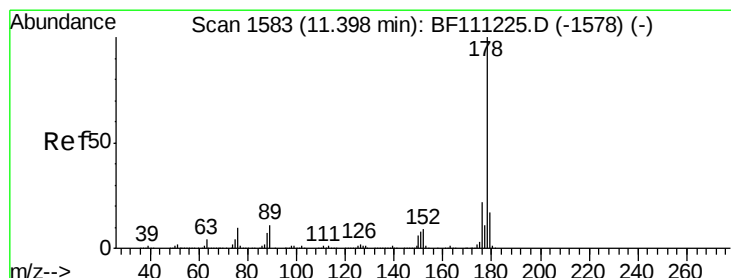
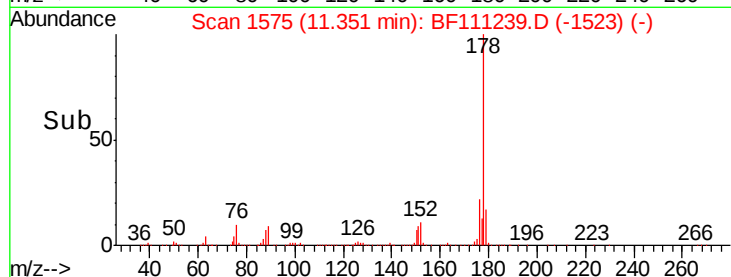
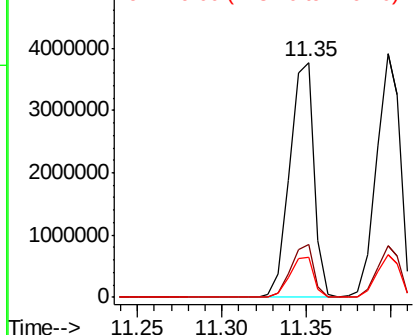
Tot Ion:178 Resp: 3757417
Ion Ratio Lower Upper
178 100
176 22.4 18.1 27.1
179 17.3 14.0 21.0

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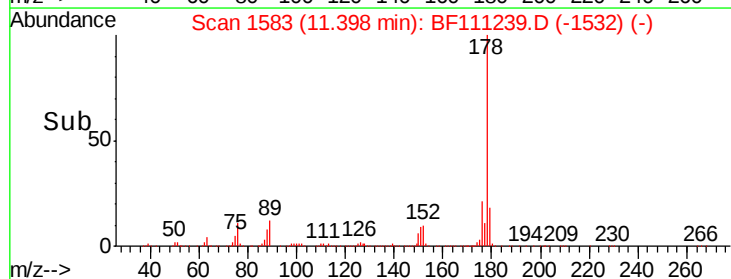
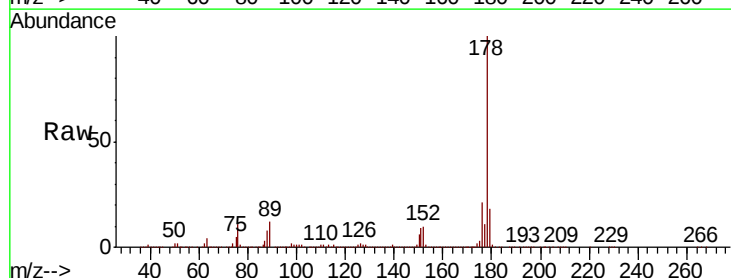
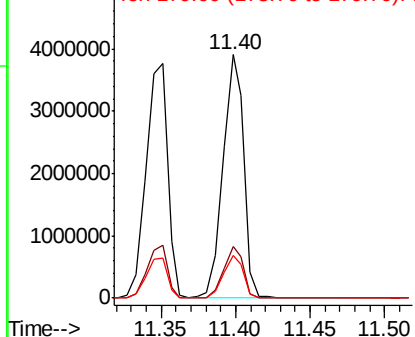
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

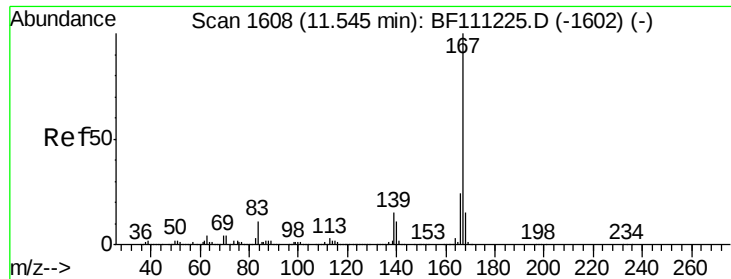


#72
Anthracene
Concen: 40.062 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:178 Resp: 3828044
Ion Ratio Lower Upper
178 100
176 21.3 17.2 25.8
179 17.8 13.8 20.8

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





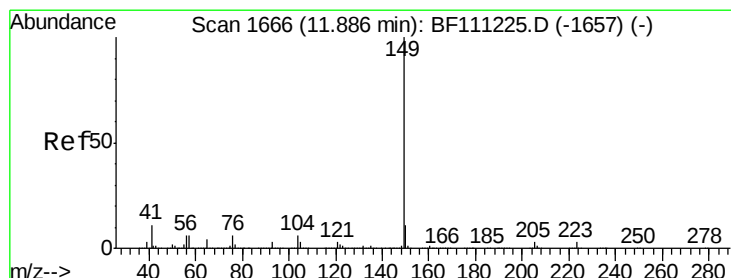
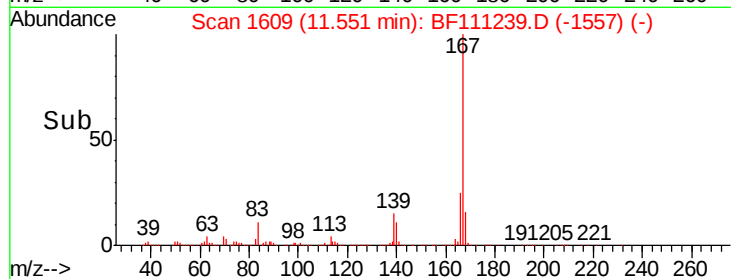
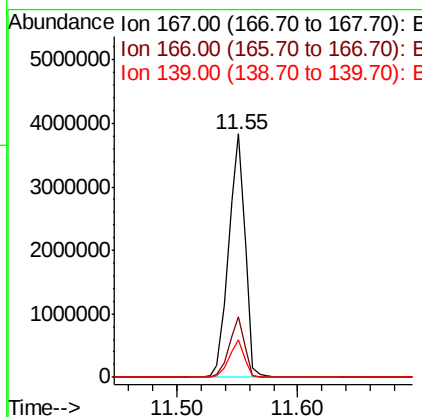
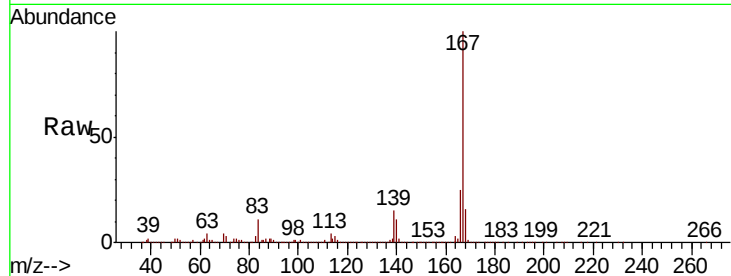
#73
 Carbazole
 Concen: 36.189 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.8	19.3	28.9
139	15.4	11.9	17.9

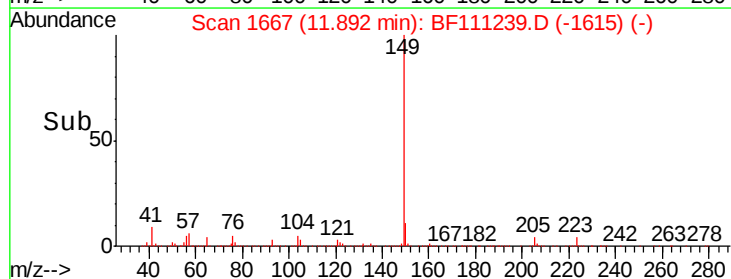
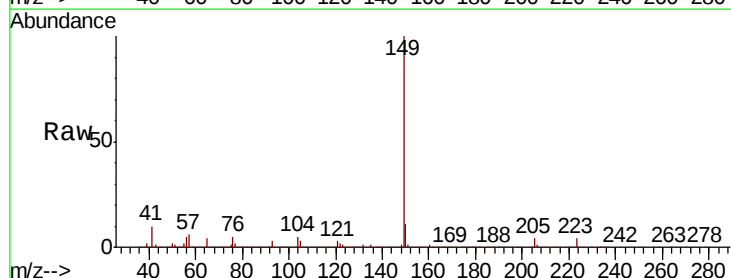
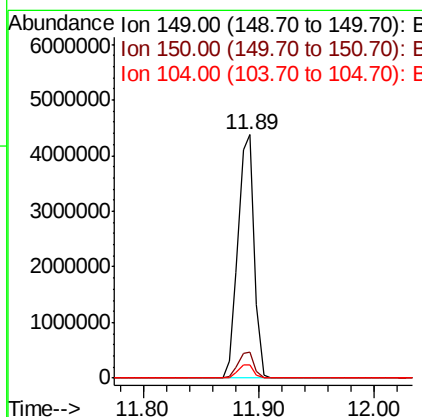
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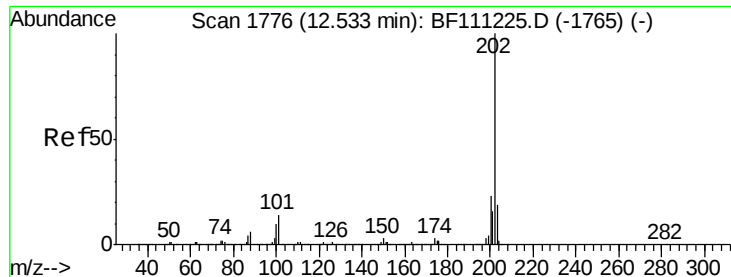
Sohil
 12/11/2018 8:42:28 AM



#74
 Di-n-butylphthalate
 Concen: 41.628 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.8	13.2
104	5.4	4.5	6.7





#75

Fluoranthene

Concen: 40.987 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

Tot Ion:202 Resp: 3419662

Ion Ratio Lower Upper

202 100

101 15.3 0.0 33.8

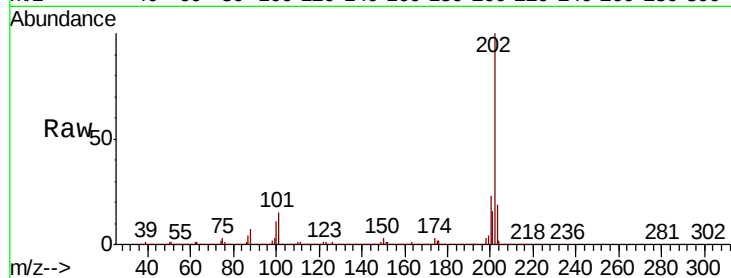
203 19.4 0.0 38.6

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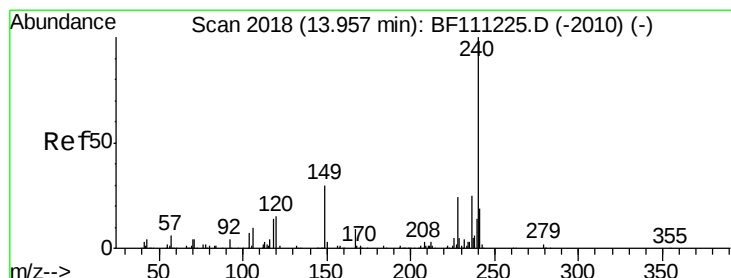
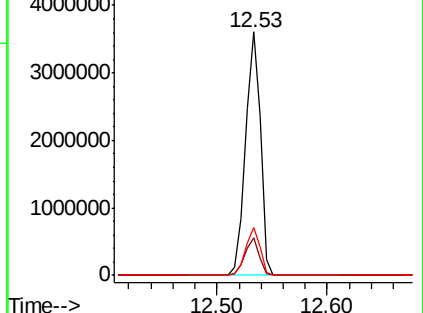
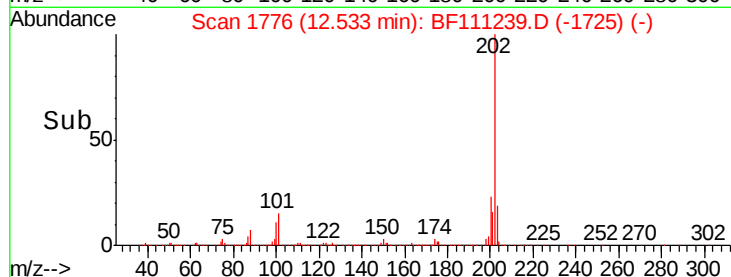
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

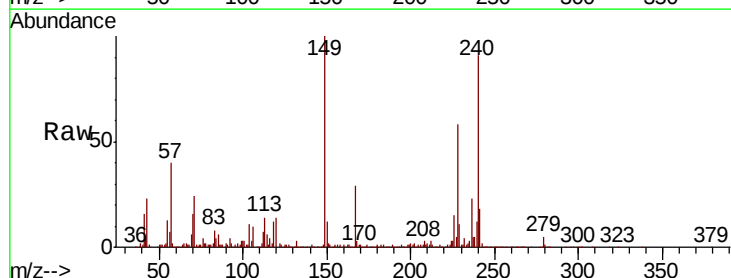
Tgt Ion:240 Resp: 839130

Ion Ratio Lower Upper

240 100

120 15.1 12.2 18.2

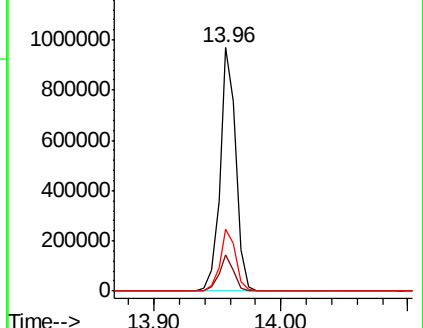
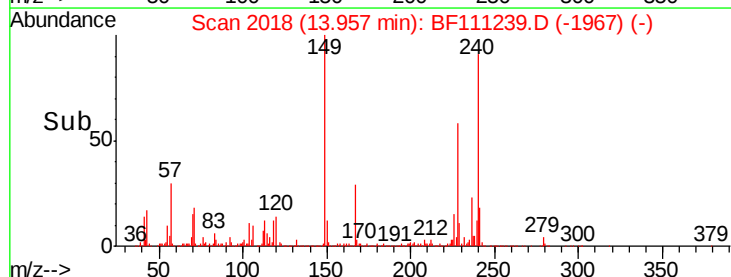
236 25.2 20.2 30.2

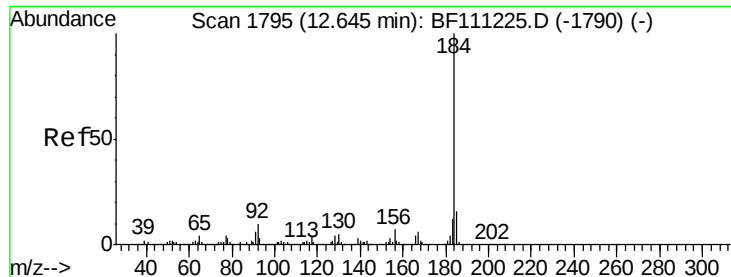


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.256 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

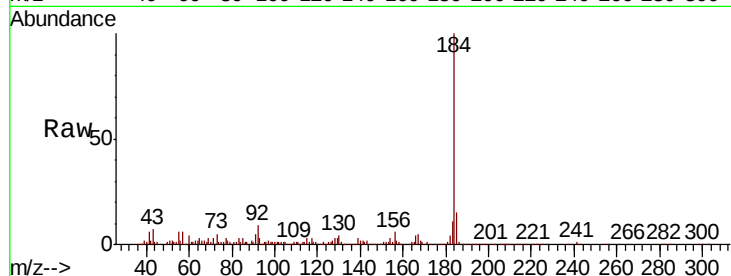
ClientSampleId :

USTS-1-2-3MSD

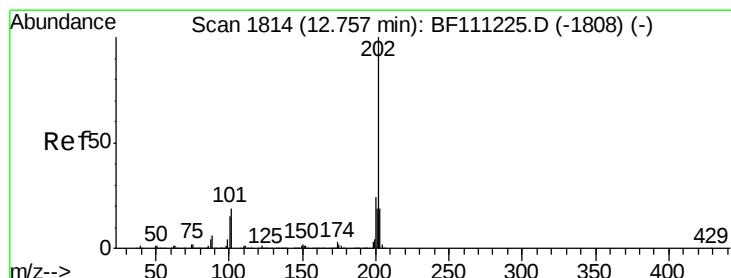
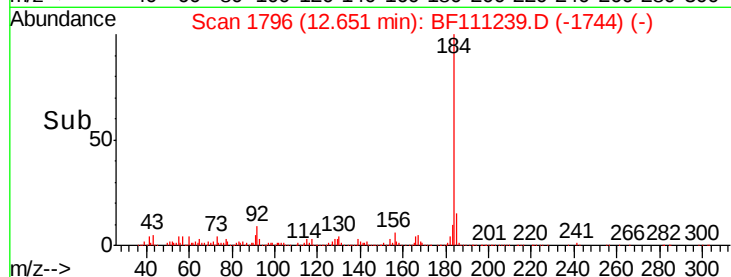
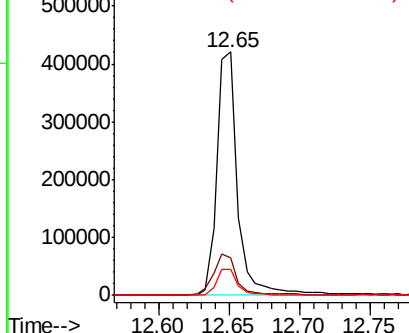
Tot Ion:	184	Resp:	429935
Ion Ratio	Lower	Upper	
184	100		
185	15.2	13.0	19.6
183	10.5	9.3	13.9

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 56.087 ng

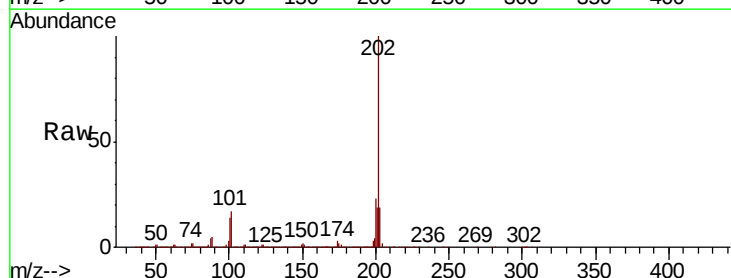
RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

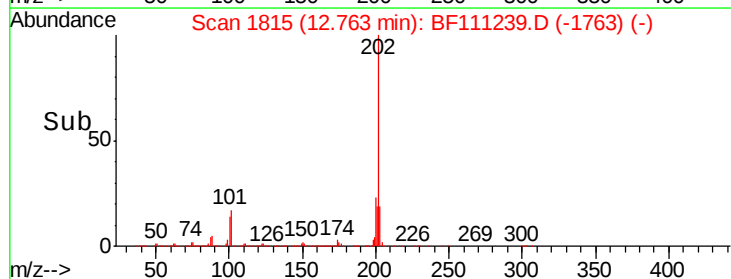
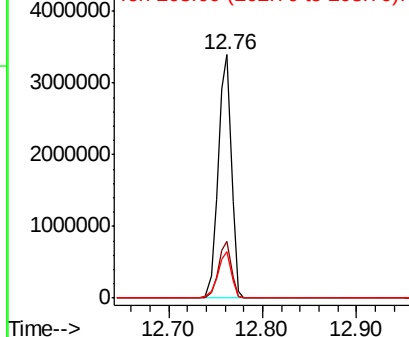
Lab File: BF111239.D

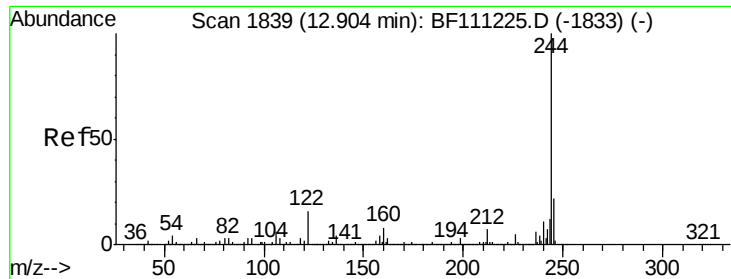
Acq: 10 Dec 2018 13:45

Tgt Ion:	202	Resp:	3363265
Ion Ratio	Lower	Upper	
202	100		
200	23.5	19.0	28.4
203	19.1	15.2	22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





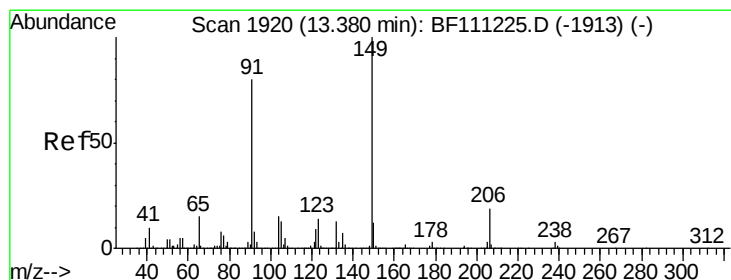
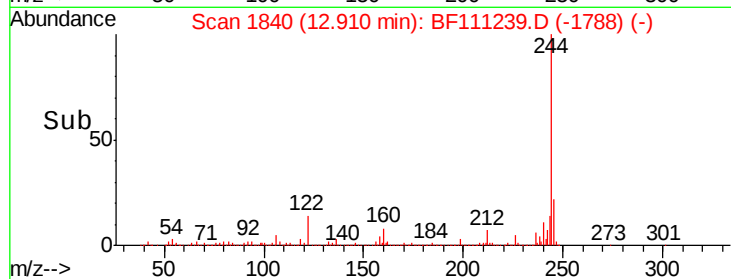
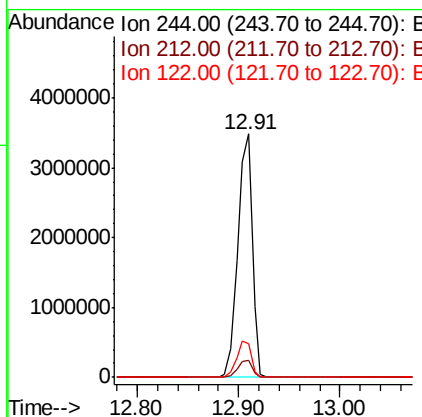
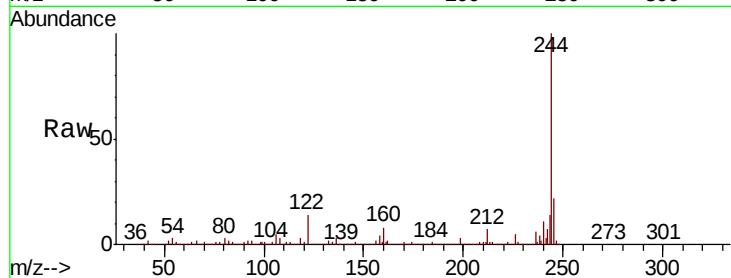
#79
 Terphenyl-d14
 Concen: 99.263 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	14.0	13.1	19.7

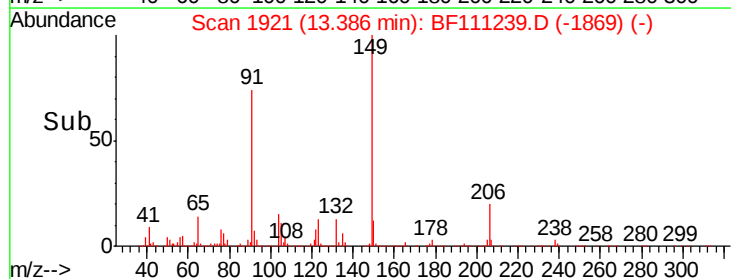
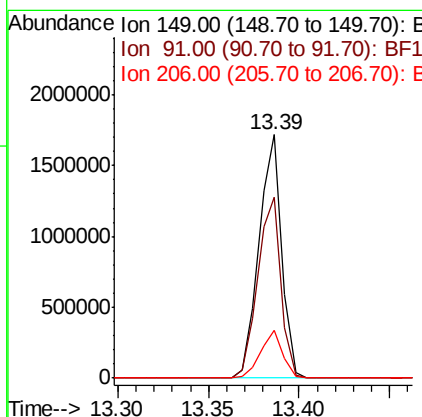
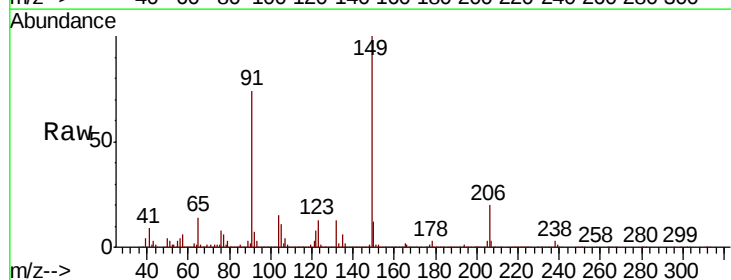
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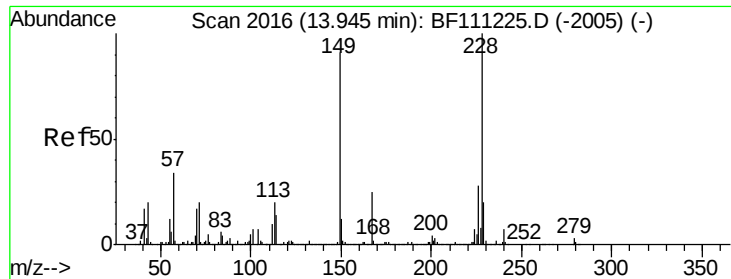
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#80
 Butylbenzylphthalate
 Concen: 47.555 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.1	63.8	95.6
206	19.5	15.1	22.7





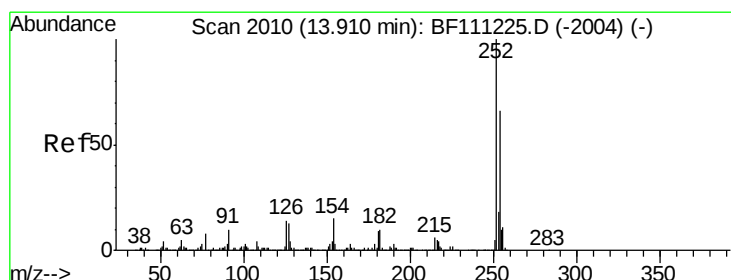
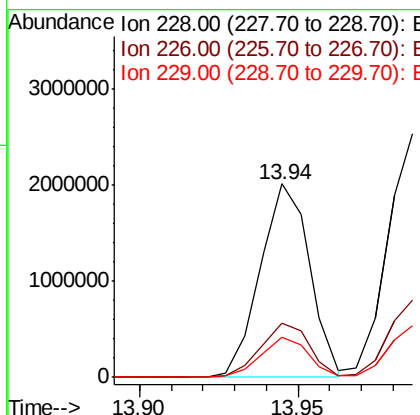
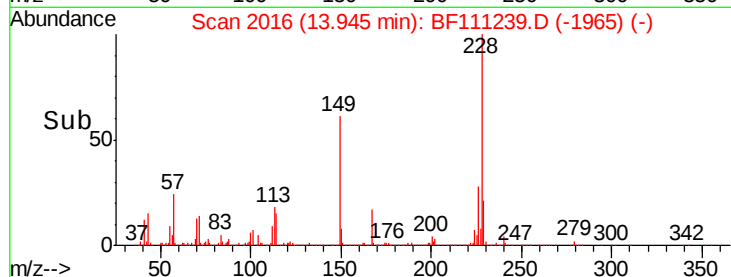
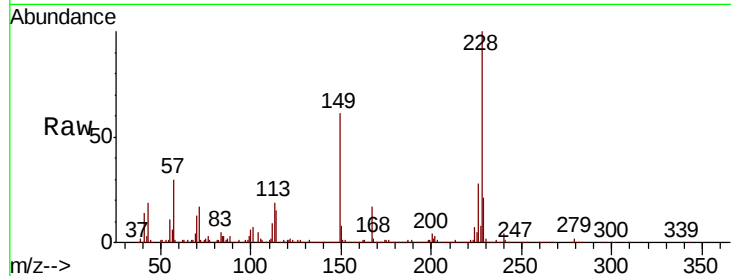
#81
Benzo(a)anthracene
Concen: 46.576 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion:228 Resp: 2180433
Ion Ratio Lower Upper
228 100
226 28.1 22.6 34.0
229 20.9 16.3 24.5

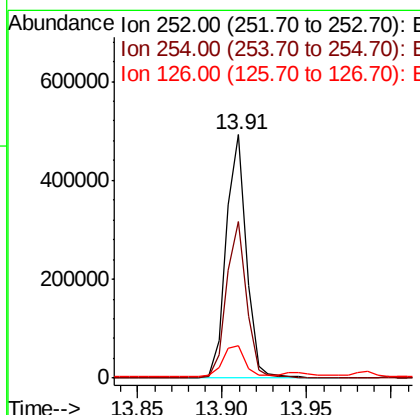
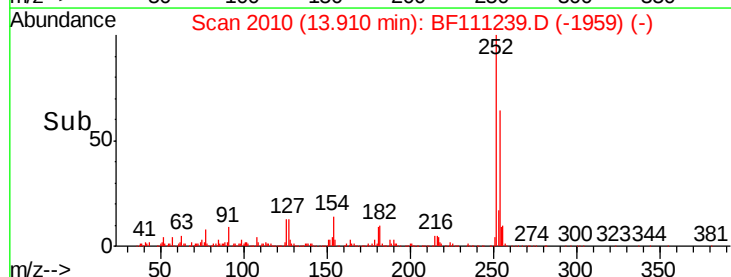
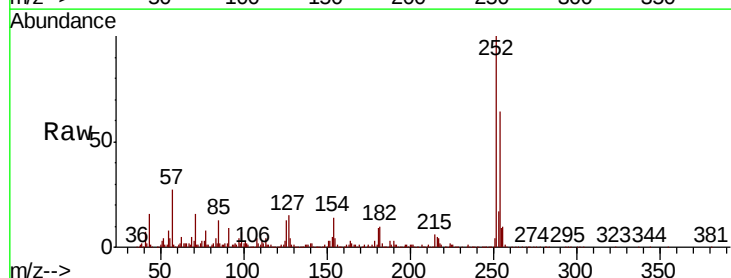
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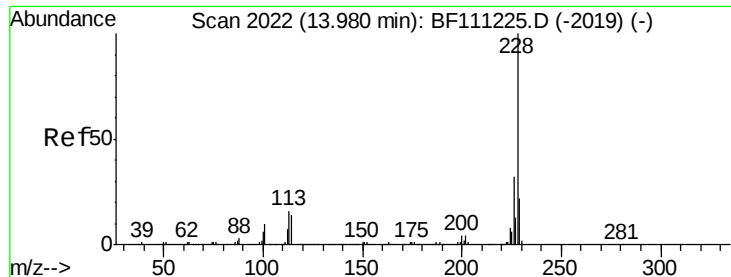
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#82
3,3'-Dichlorobenzidine
Concen: 21.397 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:252 Resp: 410572
Ion Ratio Lower Upper
252 100
254 64.2 52.7 79.1
126 13.3 11.1 16.7





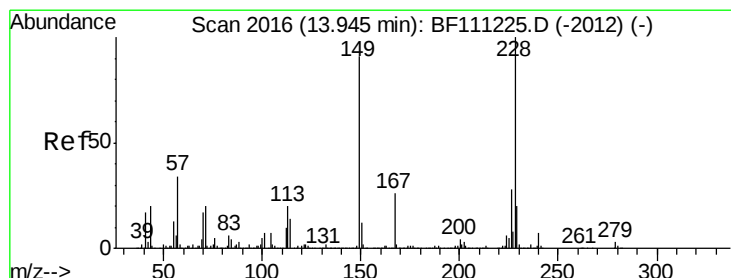
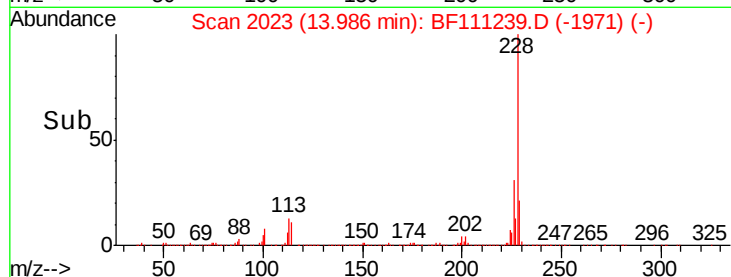
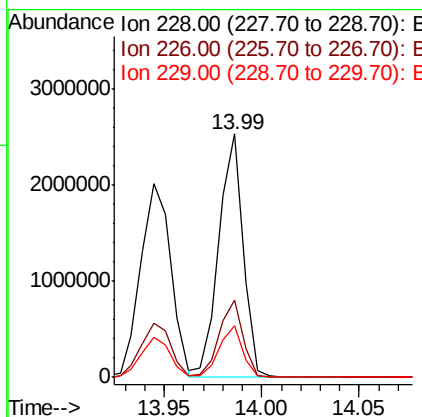
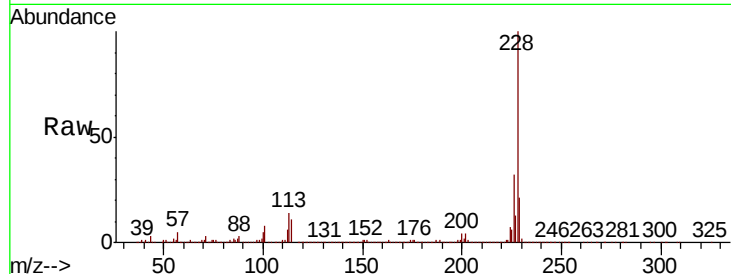
#83
Chrysene
Concen: 45.357 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion:228 Resp: 2189048
Ion Ratio Lower Upper
228 100
226 31.6 25.3 37.9
229 21.0 17.2 25.8

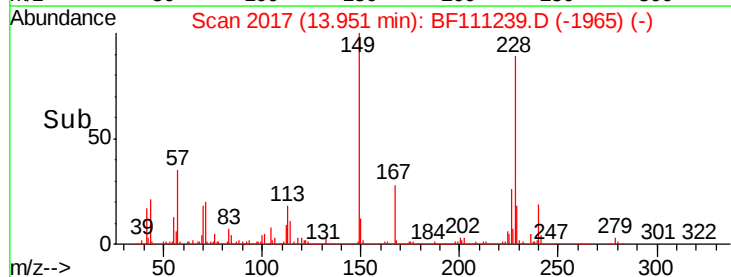
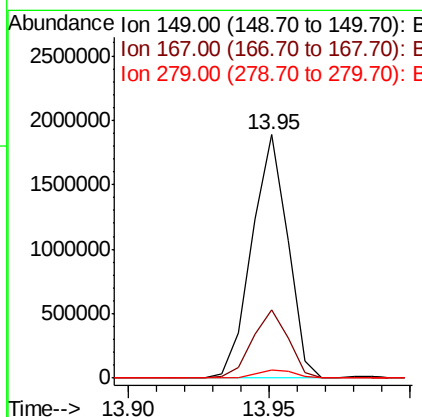
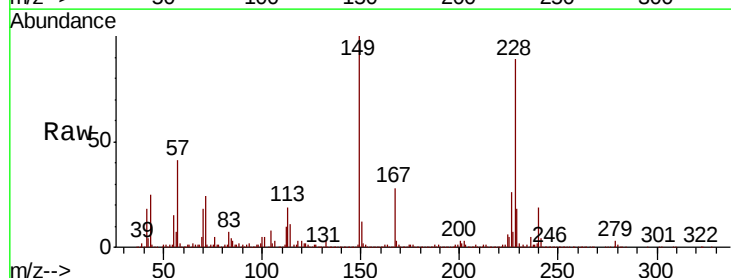
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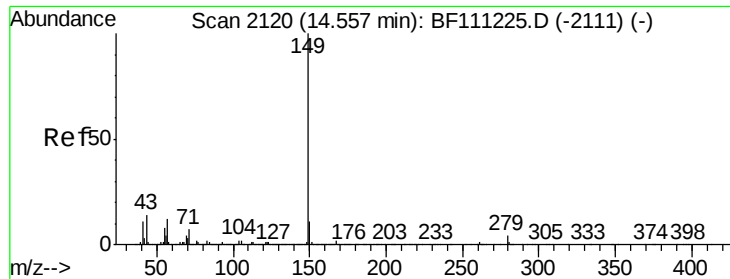
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.666 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:149 Resp: 1662359
Ion Ratio Lower Upper
149 100
167 28.1 22.5 33.7
279 3.3 2.6 4.0





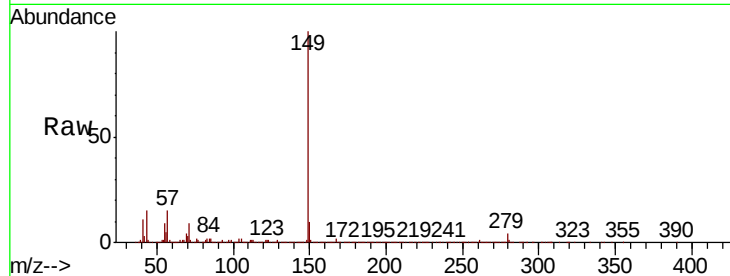
#85
Di-n-octyl phthalate
Concen: 44.945 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	14.6	10.9	16.3

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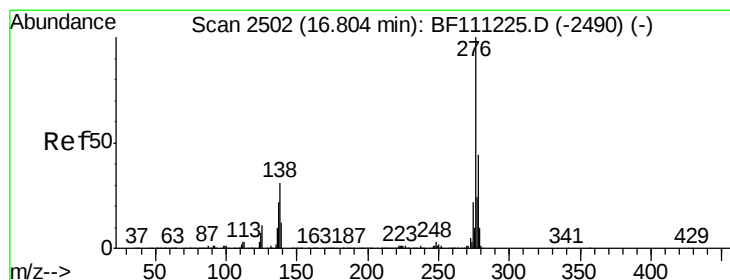
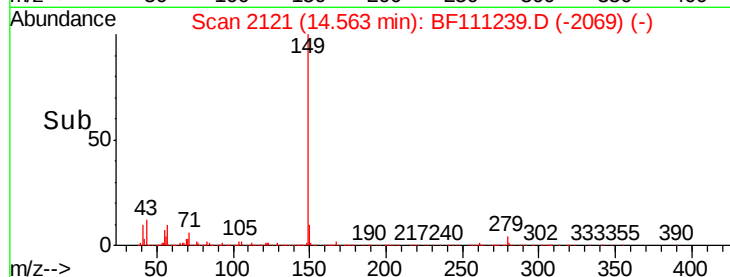
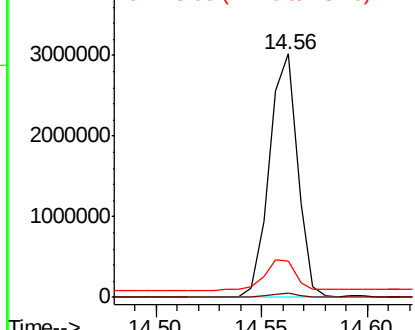


Abundance

Ion 149.00 (148.70 to 149.70): E

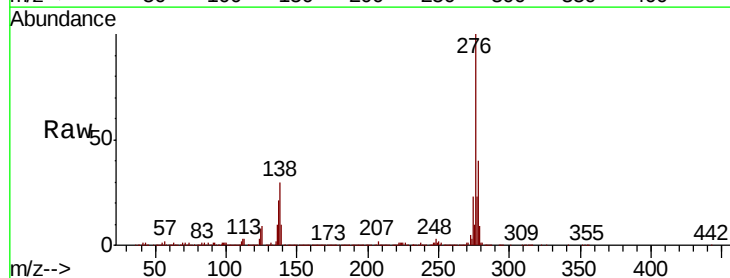
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 73.439 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.8	27.8	41.6
277	24.7	20.1	30.1

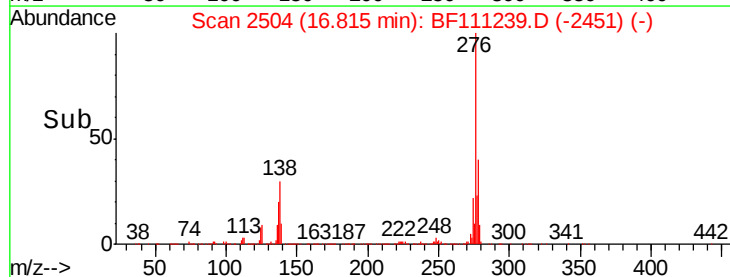
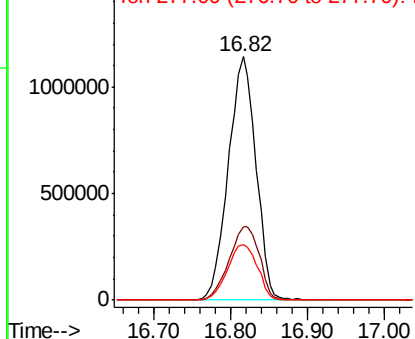


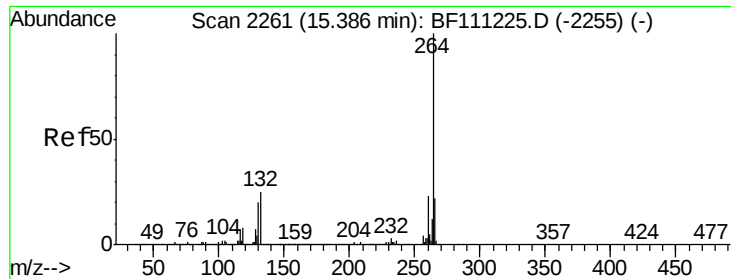
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

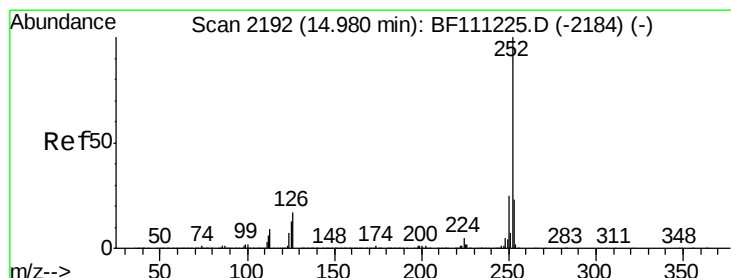
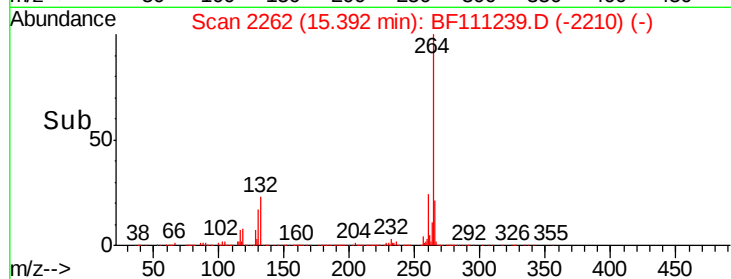
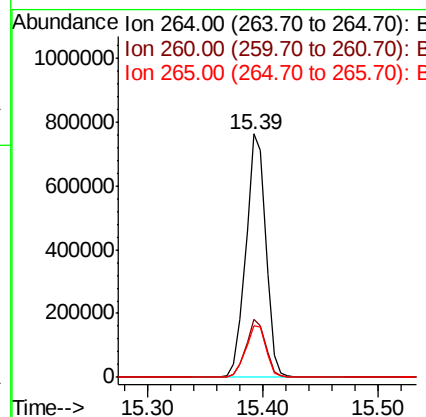
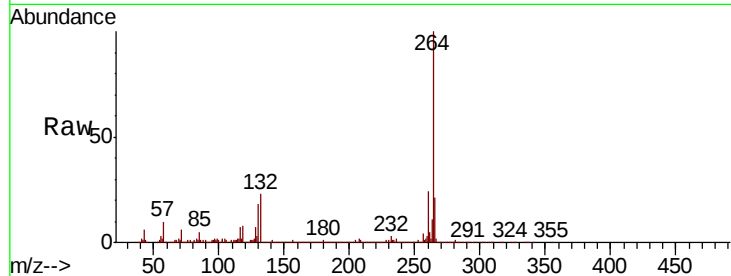
ClientSampleId :

USTS-1-2-3MSD

Tot Ion:	264	Resp:	915277
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.3	27.5
265	21.4	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 45.167 ng

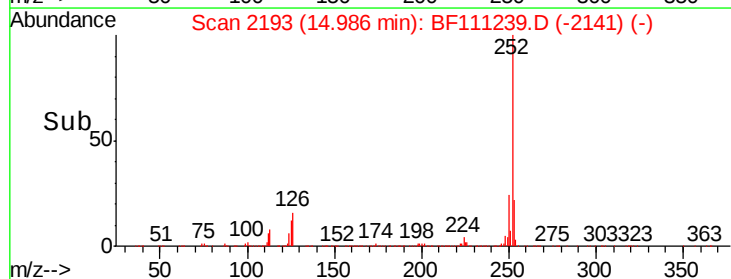
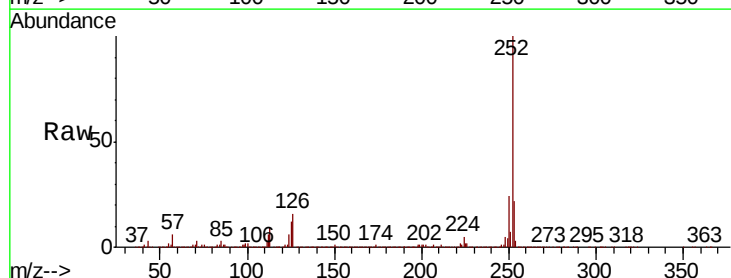
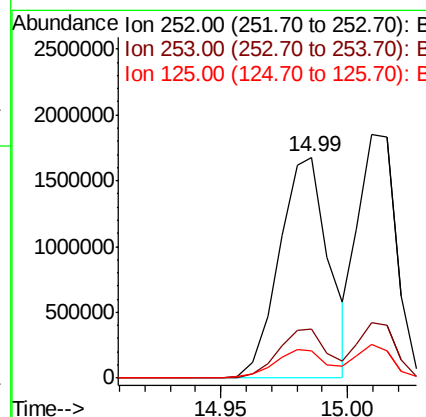
RT: 14.99 min Scan# 2193

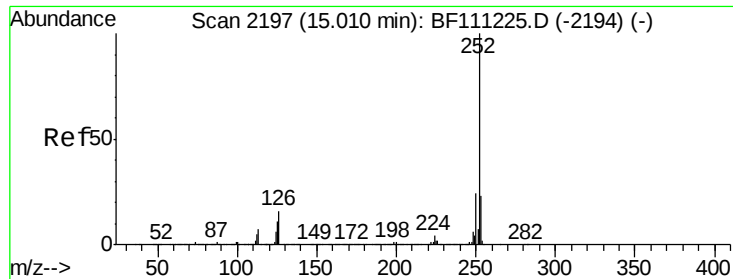
Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Tgt Ion:	252	Resp:	2286210
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.2
125	12.1	10.4	15.6





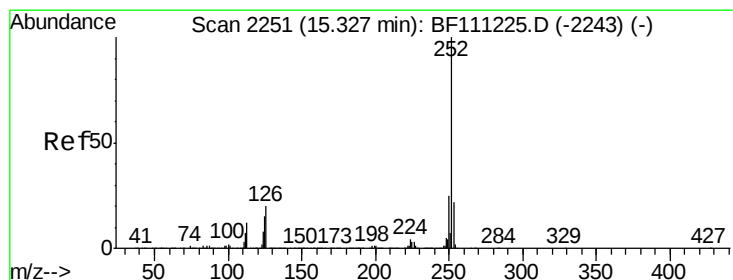
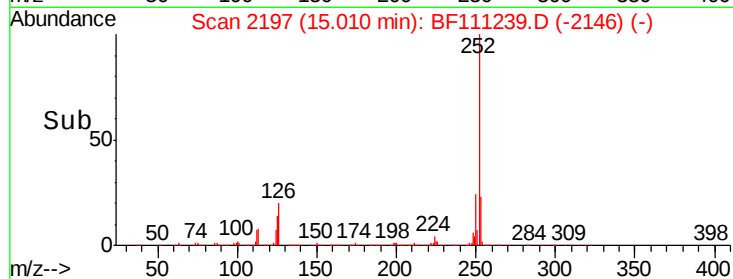
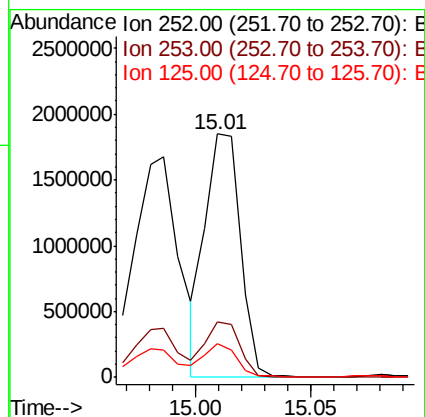
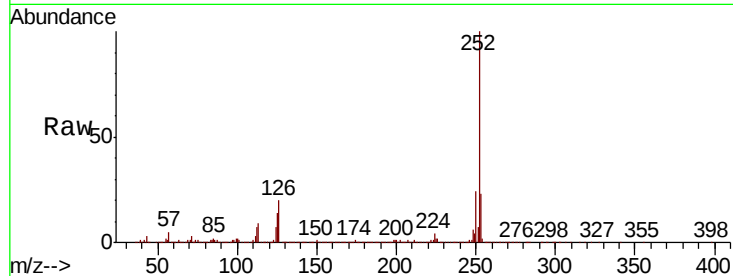
#89
Benzo(k)fluoranthene
Concen: 40.905 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	14.0	9.8	14.8

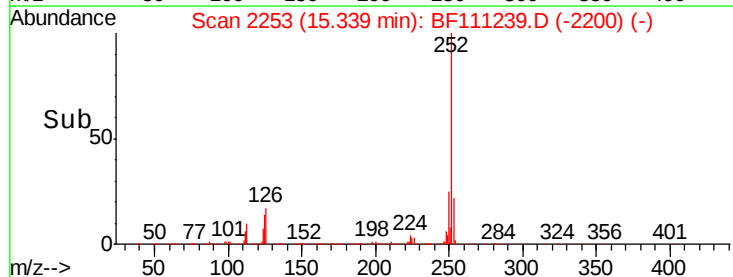
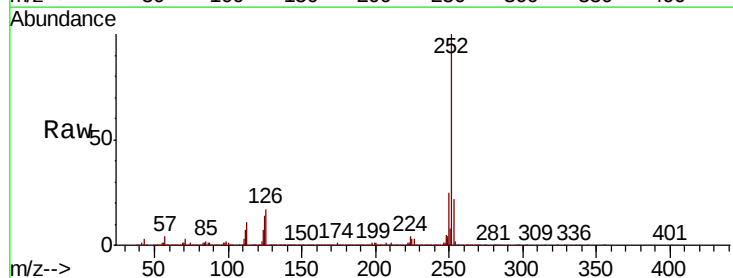
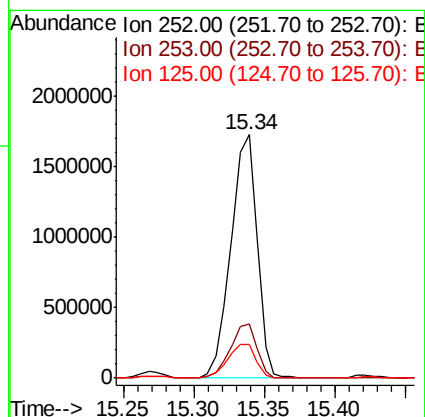
Manual Integrations
APPROVED

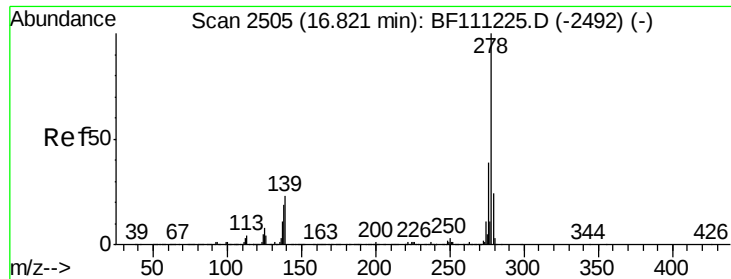
Sohil
12/11/2018 8:42:28 AM



#90
Benzo(a)pyrene
Concen: 48.057 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	13.7	12.3	18.5





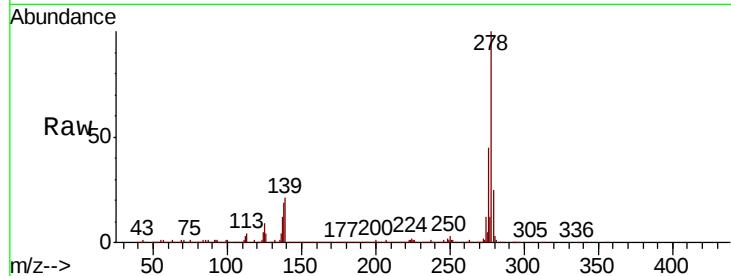
#91
Dibenzo(a,h)anthracene
Concen: 62.780 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.3	18.2	27.4
279	24.6	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/11/2018 8:42:28 AM

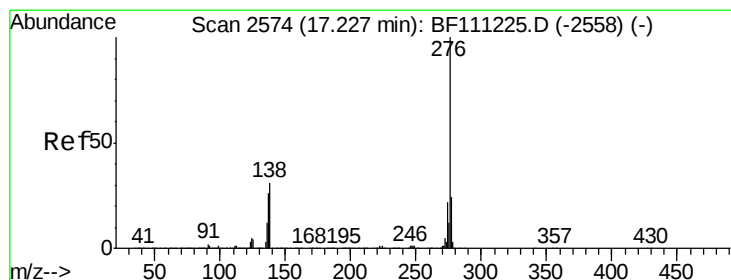
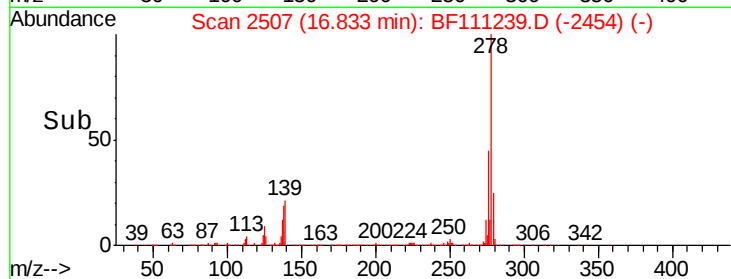
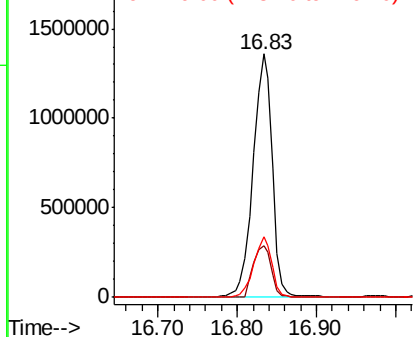


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 66.143 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.02 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	28.6	24.9	37.3

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

