

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
 Data File : BF111238.D
 Acq On : 10 Dec 2018 13:17
 Operator : JU/SJ
 Sample : J6065-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:42:27 AM

Quant Time: Dec 10 15:47:44 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	618923	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2250443	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1183193	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1970109	20.00	ng	0.00
76) Chrysene-d12	13.96	240	992983	20.00	ng	0.00
87) Perylene-d12	15.39	264	1041507	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	4270060	108.94	ng	0.02
7) Phenol-d6	6.44	99	5501557	112.94	ng	0.00
23) Nitrobenzene-d5	7.37	82	3477156	86.66	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1132168	108.02	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4861626	66.88	ng	0.00
79) Terphenyl-d14	12.91	244	3752240	90.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	596598	29.666	ng	98
3) Pyridine	3.33	79	1667733	31.215	ng	99
4) n-Nitrosodimethylamine	3.26	42	880423	38.650	ng	95
6) Aniline	6.47	93	1095609	16.870	ng	98
8) 2-Chlorophenol	6.59	128	1593732	35.772	ng	97
9) Benzaldehyde	6.35	77	562474	16.734	ng	99
10) Phenol	6.45	94	2196024	38.557	ng	97
11) bis(2-Chloroethyl)ether	6.54	93	1582433	35.924	ng	98
12) 1,3-Dichlorobenzene	6.75	146	1618176	33.803	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1598147	33.063	ng	99
14) 1,2-Dichlorobenzene	6.97	146	1502718	33.332	ng	98
15) Benzyl Alcohol	6.95	79	1404332	36.432	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2904091	35.214	ng	99
17) 2-Methylphenol	7.06	107	1357399	37.318	ng	97
18) Hexachloroethane	7.32	117	672244	36.529	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	1172663	35.938	ng	98
20) 3+4-Methylphenols	7.21	107	1545346	35.718	ng	96
22) Acetophenone	7.21	105	2096949	40.724	ng	# 98
24) Nitrobenzene	7.39	77	1685319	40.358	ng	94
25) Isophorone	7.63	82	3137018	45.905	ng	# 98
26) 2-Nitrophenol	7.70	139	855370	41.227	ng	96
27) 2,4-Dimethylphenol	7.74	122	1414959	44.134	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	1947589	41.155	ng	99
29) 2,4-Dichlorophenol	7.95	162	1330180	40.576	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	1242996	38.493	ng	100
31) Naphthalene	8.11	128	4390762	44.704	ng	# 96
32) Benzoic acid	7.80	122	67260	2.537	ng	94
33) 4-Chloroaniline	8.15	127	598292	12.683	ng	98
34) Hexachlorobutadiene	8.23	225	664709	37.291	ng	99
35) Caprolactam	8.52	113	492056m	42.358	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1420787	42.330	ng	100
37) 2-Methylnaphthalene	8.80	142	2896555	44.420	ng	98
38) 1-Methylnaphthalene	8.90	142	2784968	43.611	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1041109	31.623	ng	99

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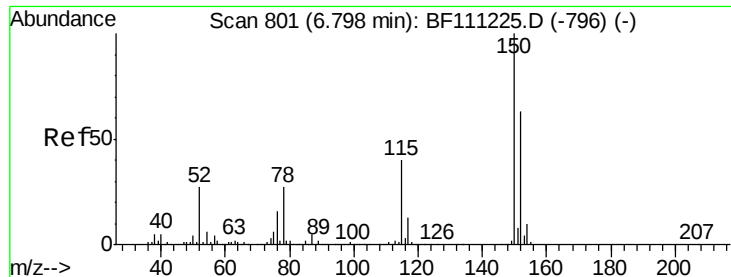
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
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 QLast Update : Mon Dec 10 01:15:27 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	983815	52.472	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	875275	35.418	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	917778	35.650	nq	96
46) 1,1'-Biphenyl	9.26	154	3210145	31.798	nq	100
47) 2-Chloronaphthalene	9.29	162	2598457	33.564	nq	99
48) 2-Nitroaniline	9.37	65	965331	36.552	nq	98
49) Acenaphthylene	9.70	152	3902580	34.723	nq	99
50) Dimethylphthalate	9.57	163	3395999	38.899	nq	99
51) 2,6-Dinitrotoluene	9.62	165	724449	37.575	nq	92
52) Acenaphthene	9.87	154	2418805	34.295	nq	99
53) 3-Nitroaniline	9.79	138	502334	21.109	nq	96
54) 2,4-Dinitrophenol	9.89	184	145985	19.161	nq	# 74
55) Dibenzofuran	10.05	168	3484600	36.316	nq	98
56) 4-Nitrophenol	9.95	139	1229018	66.311	nq	99
57) 2,4-Dinitrotoluene	10.02	165	970363	40.826	nq	94
58) Fluorene	10.39	166	2536741	34.164	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	737653	37.802	nq	100
60) Diethylphthalate	10.27	149	2947540	35.414	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	1161484	31.505	nq	98
62) 4-Nitroaniline	10.40	138	762668	33.871	nq	97
63) Azobenzene	10.54	77	2966983	34.335	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	333575	29.000	nq	# 79
66) n-Nitrosodiphenylamine	10.50	169	2434423	36.300	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	756226	35.046	nq	97
68) Hexachlorobenzene	10.94	284	763541	34.784	nq	97
69) Atrazine	11.03	200	768666	37.692	nq	98
70) Pentachlorophenol	11.13	266	885975	55.638	nq	98
71) Phenanthrene	11.35	178	3554760	35.773	nq	99
72) Anthracene	11.40	178	3609678	34.721	nq	99
73) Carbazole	11.55	167	3458737	31.817	nq	99
74) Di-n-butylphthalate	11.89	149	4029630	36.064	nq	100
75) Fluoranthene	12.53	202	3402402	37.482	nq	97
77) Benzidine	12.65	184	361439	12.259	nq	99
78) Pyrene	12.76	202	3372147	47.522	nq	99
80) Butylbenzylphthalate	13.39	149	1555441	41.967	nq	94
81) Benzo(a)anthracene	13.94	228	2189981	39.532	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	435525	19.181	nq	99
83) Chrysene	13.99	228	2269234	39.734	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1673443	37.997	nq	99
85) Di-n-octyl phthalate	14.56	149	2859021	38.731	nq	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	2579438	55.952	nq	99
88) Benzo(b)fluoranthene	14.98	252	2391109	41.514	nq	99
89) Benzo(k)fluoranthene	15.01	252	1887721	34.859	nq	98
90) Benzo(a)pyrene	15.33	252	2154451	40.619	nq	100
91) Dibenzo(a,h)anthracene	16.83	278	2078362	49.888	nq	99
92) Benzo(g,h,i)perylene	17.24	276	2253990	54.048	nq	98

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



#1

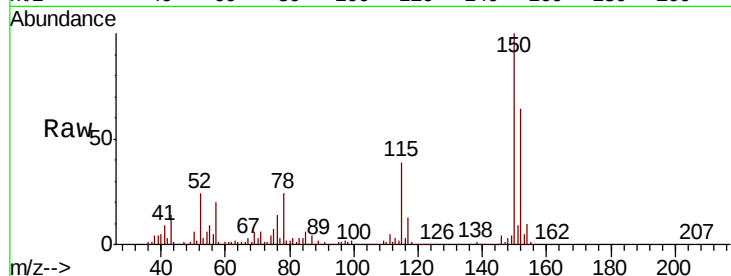
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.6	189.8
115	61.8	50.7	76.1

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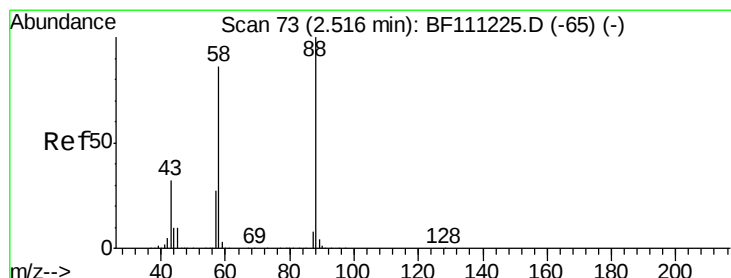
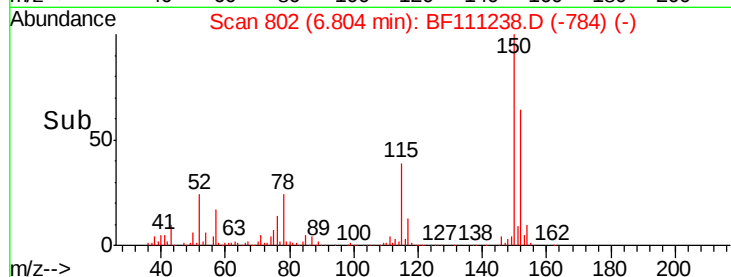
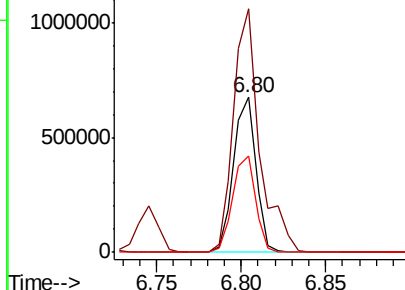


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

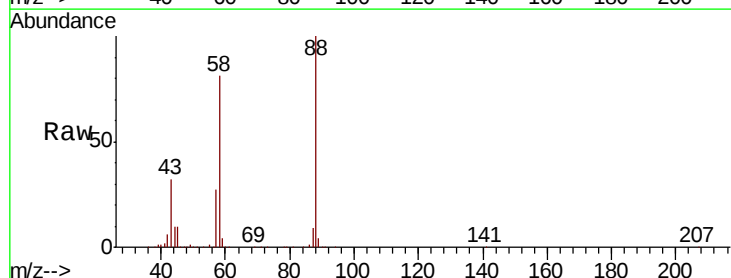
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.666 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.09 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.8	68.9	103.3
43	33.3	25.8	38.6

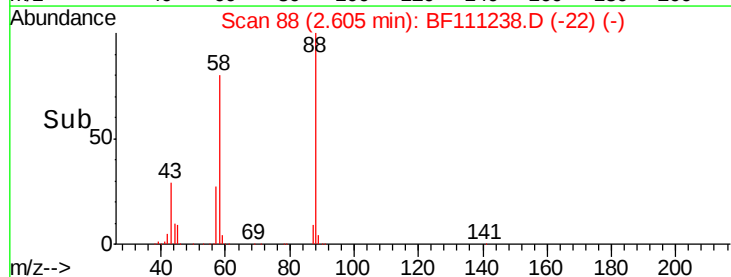
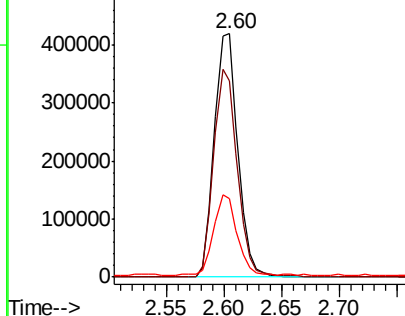


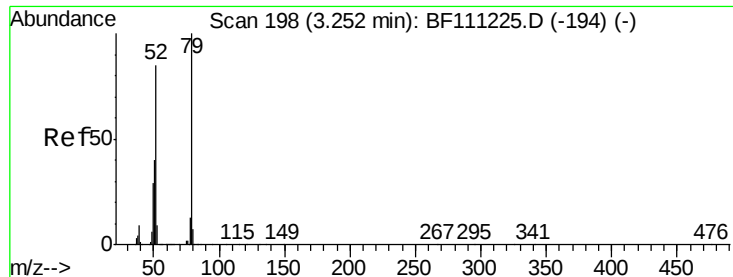
Abundance

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: 31.215 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.08 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MS

Tot Ion: 79 Resp: 1667733

Ion Ratio Lower Upper

79 100

52 86.5 68.3 102.5

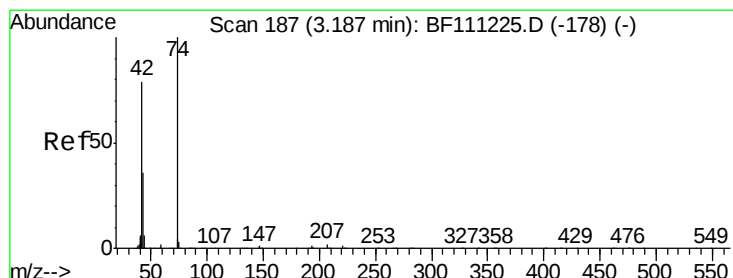
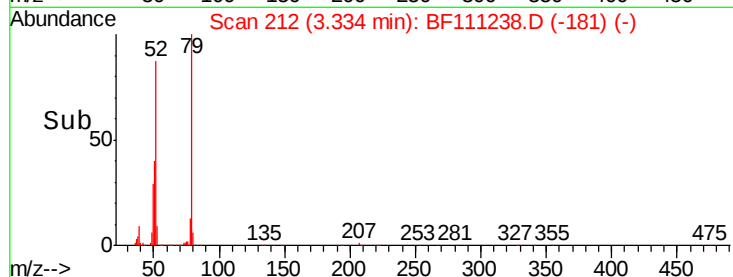
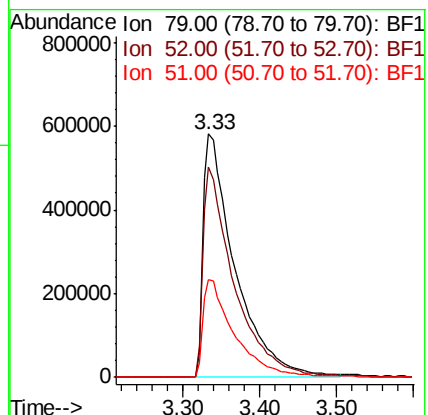
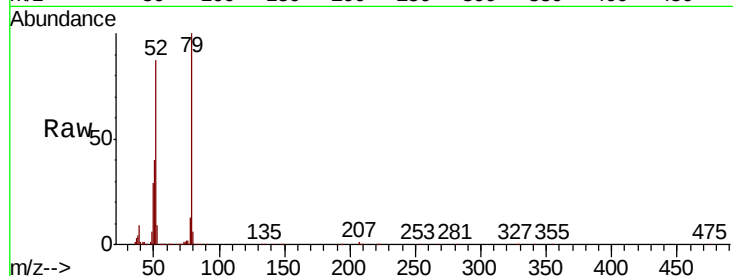
51 40.1 32.6 49.0

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#4

n-Nitrosodimethylamine

Concen: 38.650 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.08 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

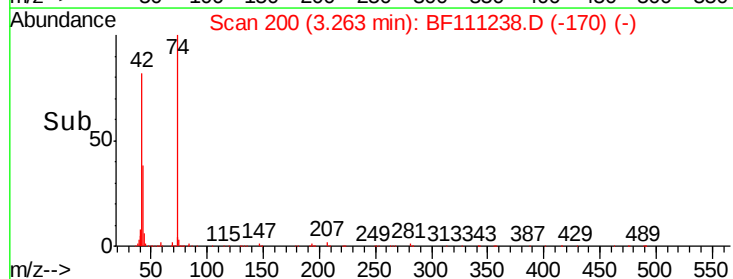
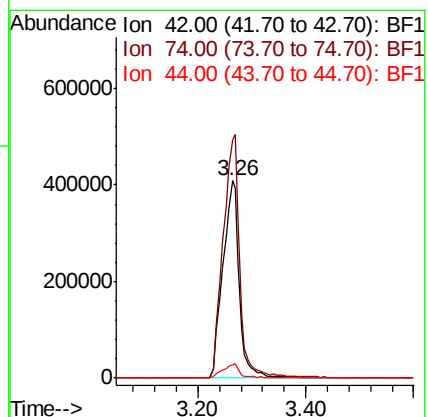
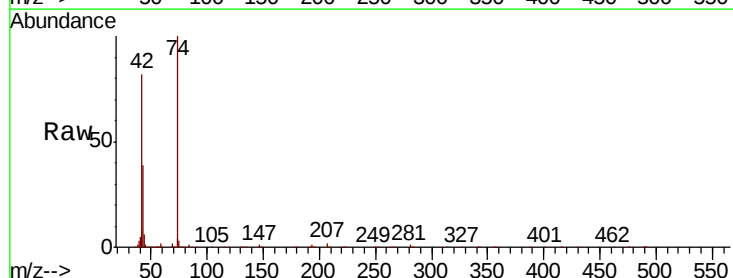
Tgt Ion: 42 Resp: 880423

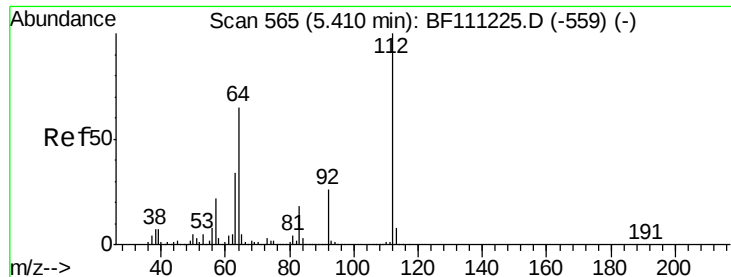
Ion Ratio Lower Upper

42 100

74 121.2 101.5 152.3

44 7.0 6.0 9.0





#5

2-Fluorophenol

Concen: 108.943 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MS

Tot Ion:112 Resp: 4270060

Ion Ratio Lower Upper

112 100

64 65.8 51.8 77.6

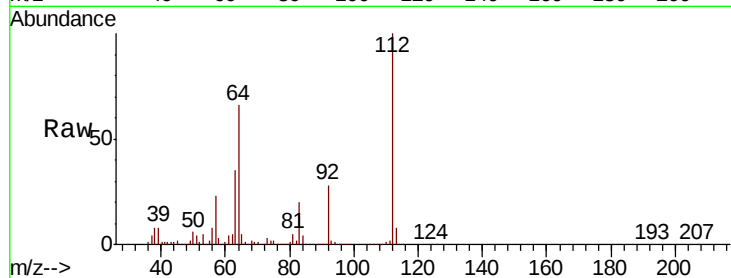
63 34.9 26.8 40.2

Manual Integrations

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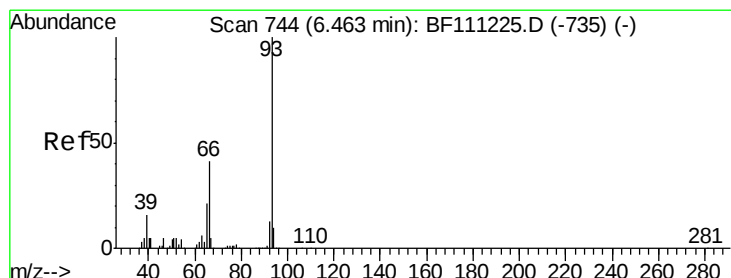
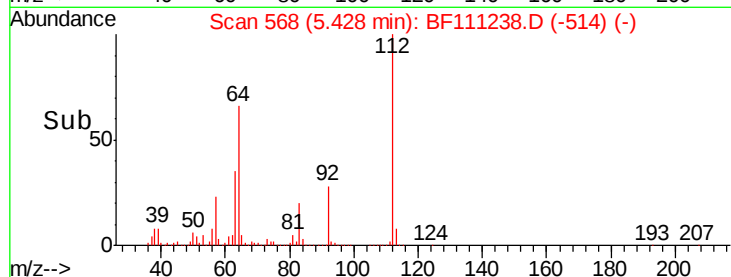
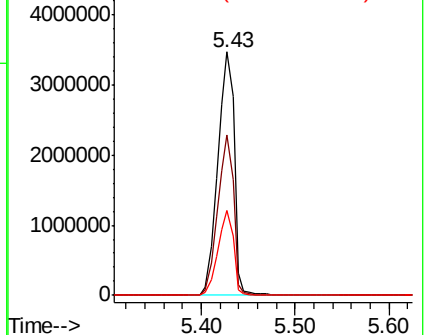
12/11/2018 8:42:27 AM



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: 16.870 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

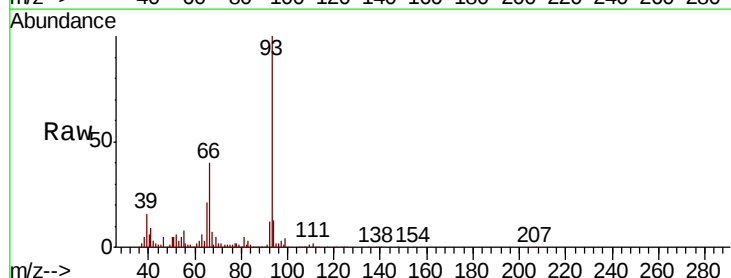
Tgt Ion: 93 Resp: 1095609

Ion Ratio Lower Upper

93 100

66 40.0 33.2 49.8

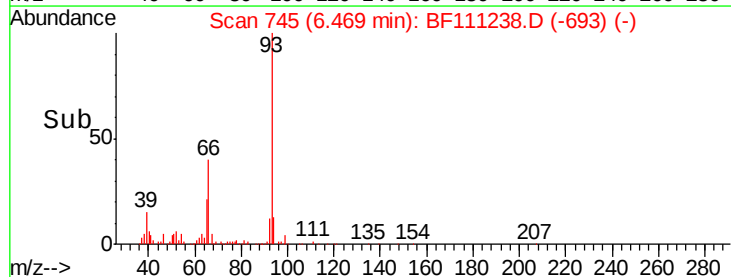
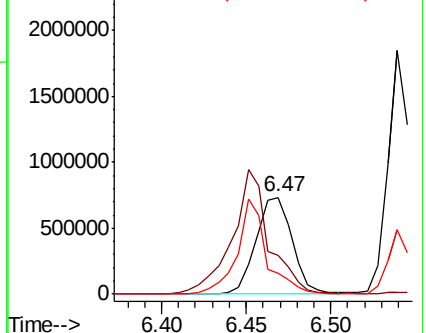
65 21.4 17.0 25.4

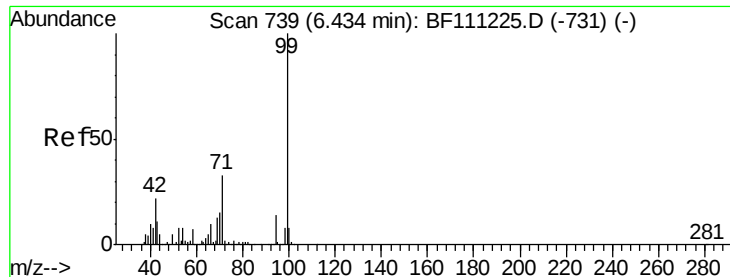


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.945 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MS

Tot Ion: 99 Resp: 5501557

Ion Ratio Lower Upper

99 100

42 24.1 17.4 26.0

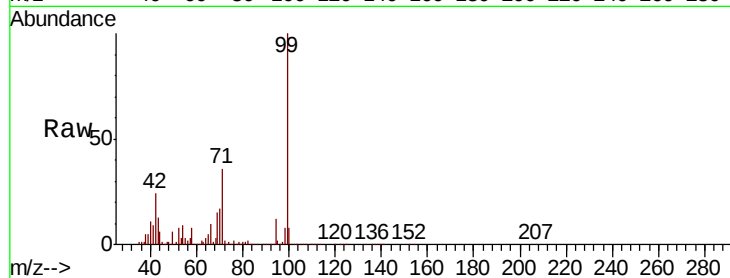
71 36.0 26.1 39.1

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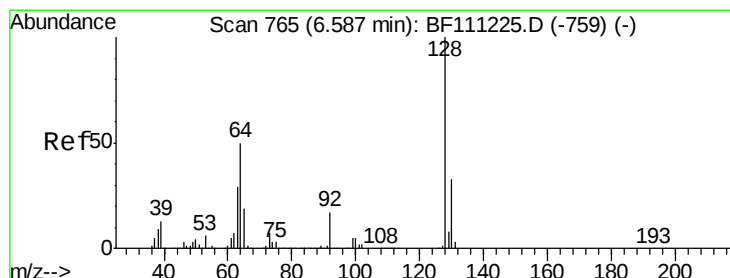
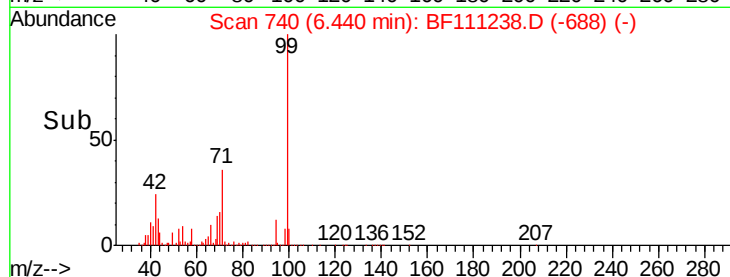
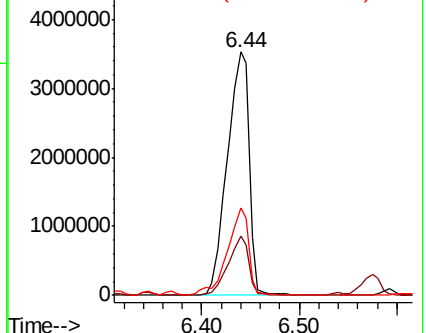
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.772 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

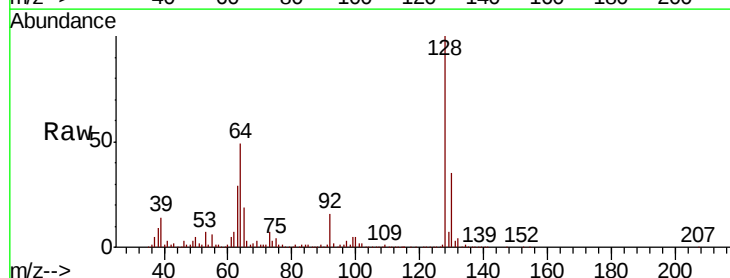
Tgt Ion:128 Resp: 1593732

Ion Ratio Lower Upper

128 100

130 35.0 12.7 52.7

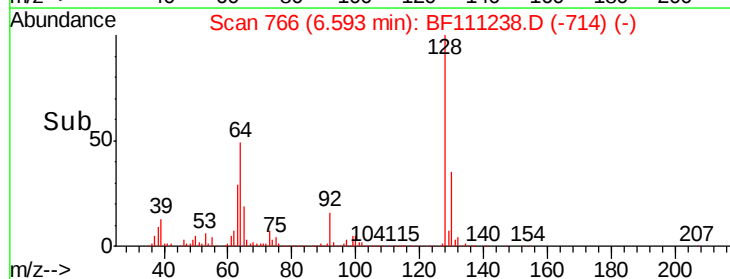
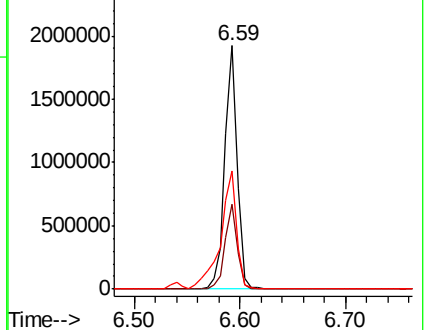
64 48.6 30.0 70.0

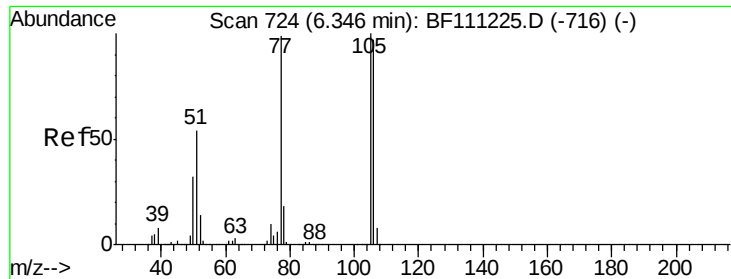


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.734 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

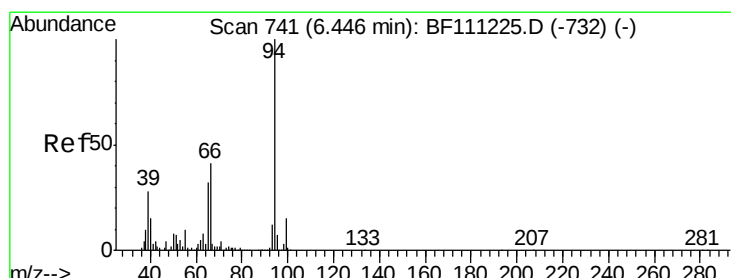
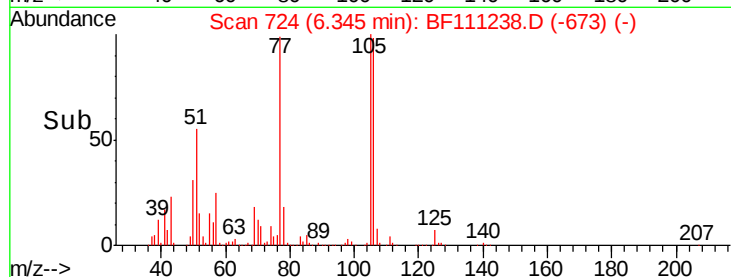
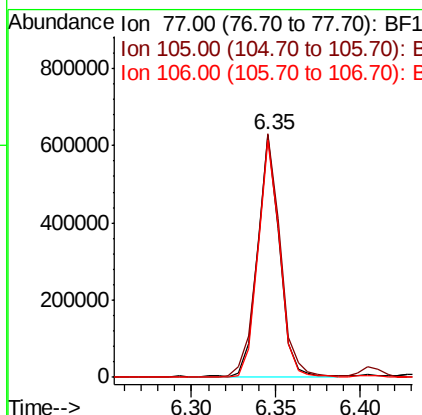
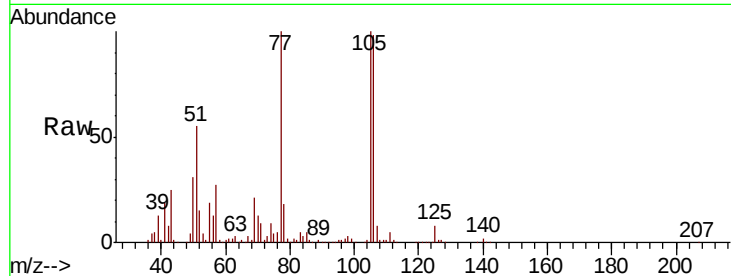
ClientSampleId :

USTS-1-2-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.4	81.4	121.4		
106	98.0	77.9	117.9		

Manual Integrations
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#10

Phenol

Concen: 38.557 ng

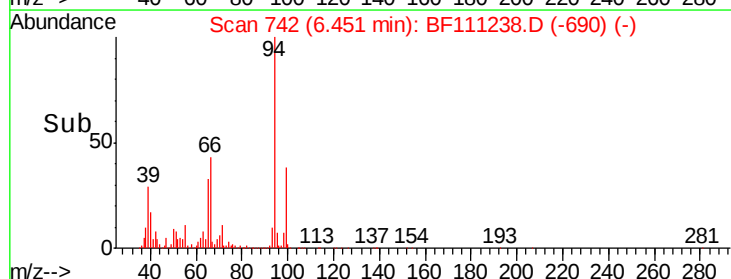
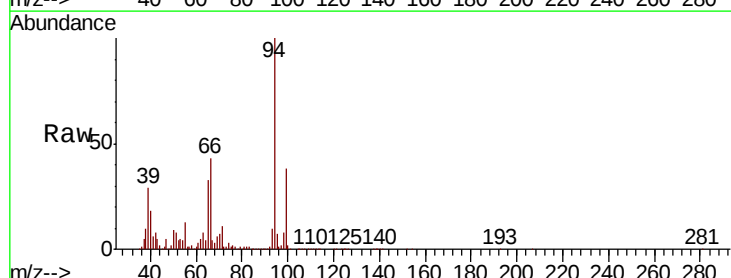
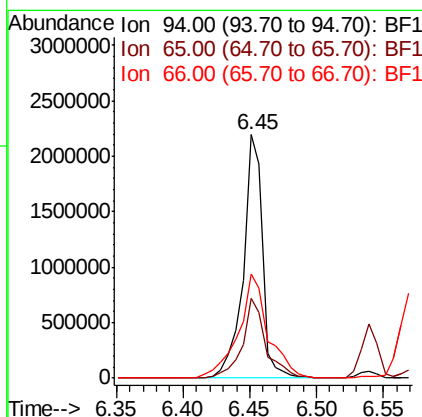
RT: 6.45 min Scan# 742

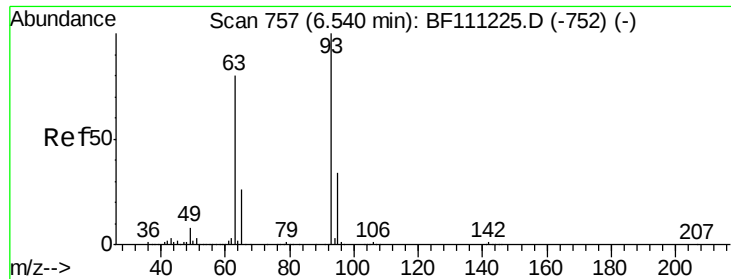
Delta R.T. 0.01 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	32.7	11.7	51.7		
66	43.0	21.0	61.0		





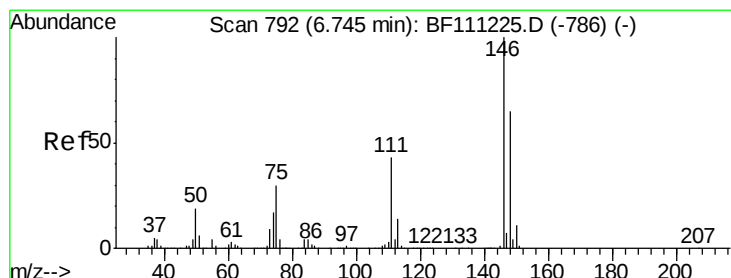
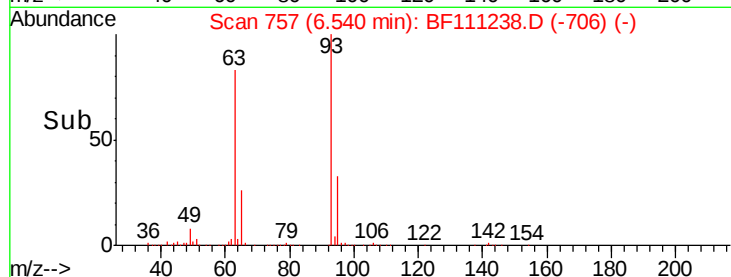
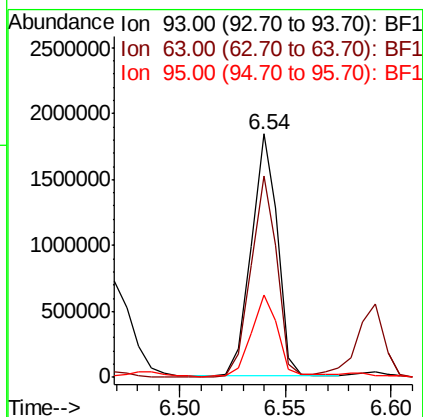
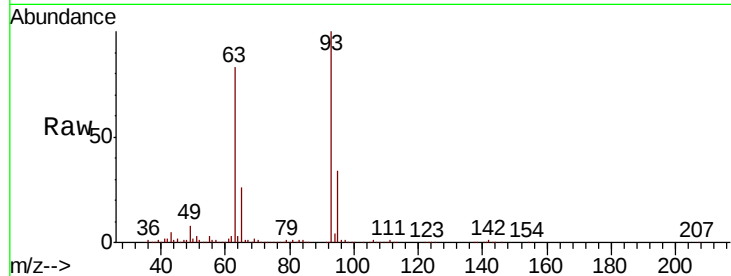
#11
bis(2-Chloroethyl)ether
Concen: 35.924 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.6	60.0	100.0
95	33.6	13.4	53.4

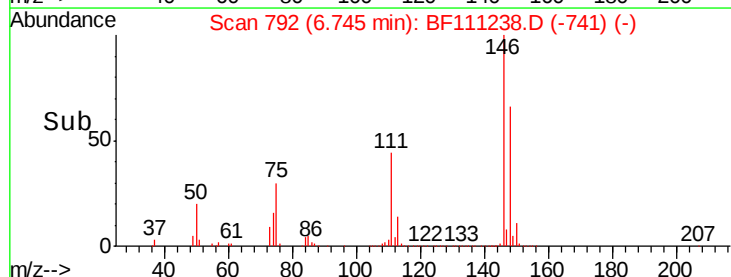
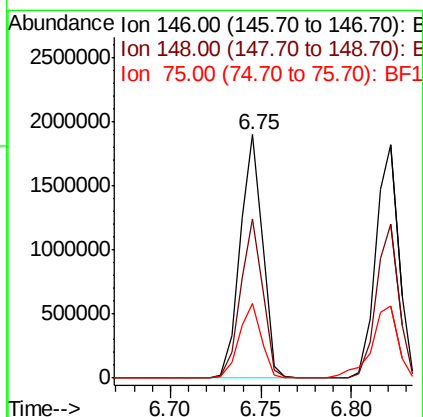
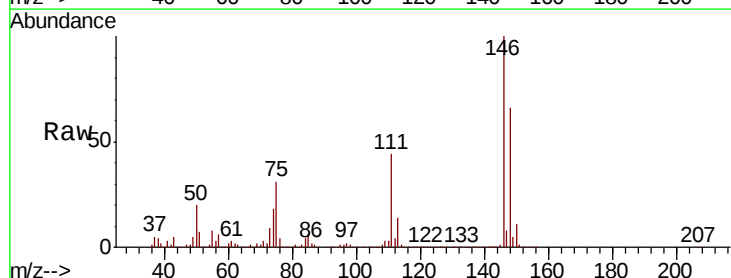
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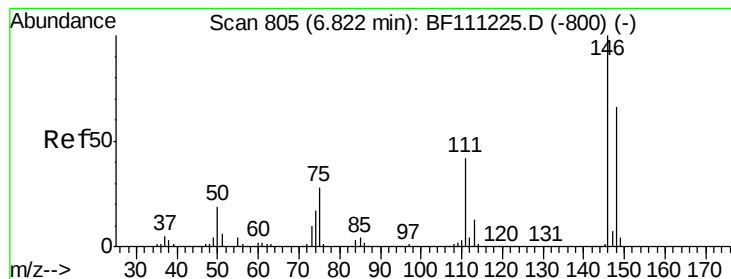
Sohil
12/11/2018 8:42:27 AM



#12
1,3-Dichlorobenzene
Concen: 33.803 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.1	78.1
75	30.8	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 33.063 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MS

Tot Ion:146 Resp: 1598147

Ion Ratio Lower Upper

146 100

148 65.7 52.8 79.2

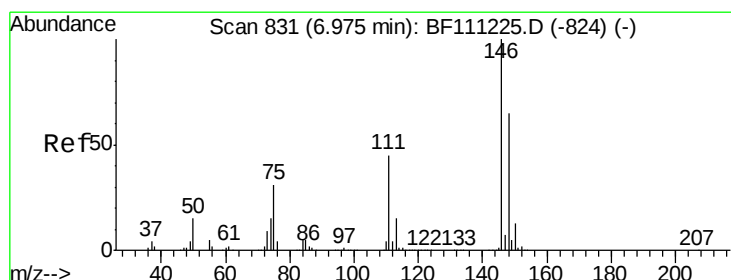
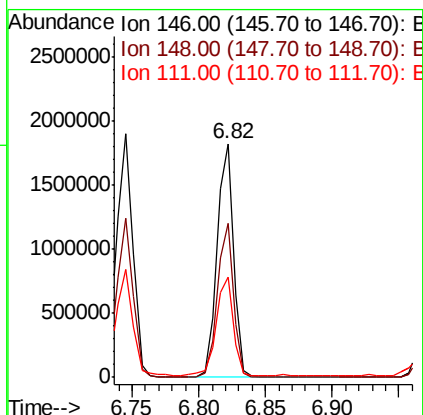
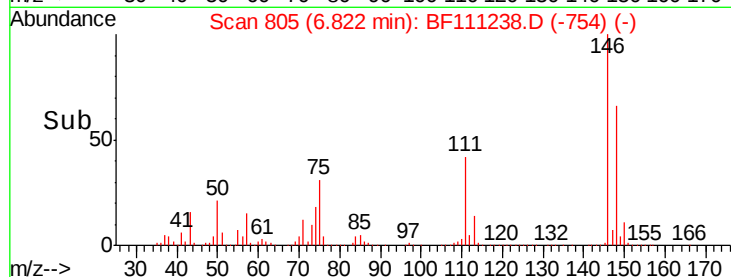
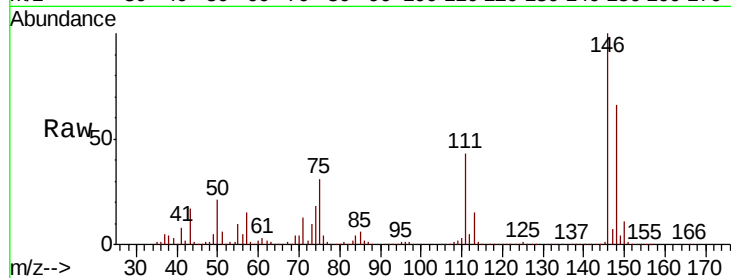
111 42.6 33.4 50.0

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#14

1,2-Dichlorobenzene

Concen: 33.332 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

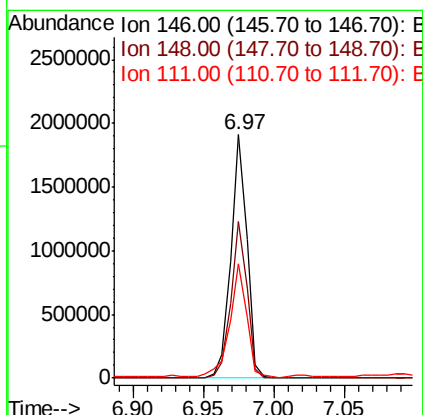
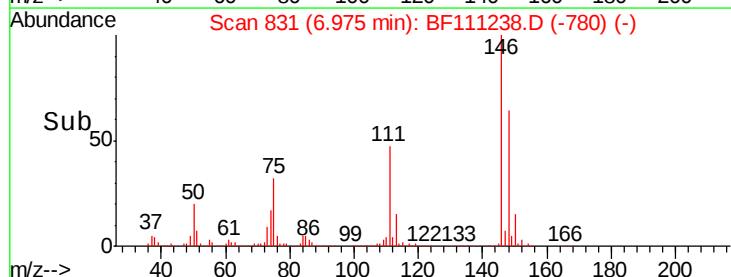
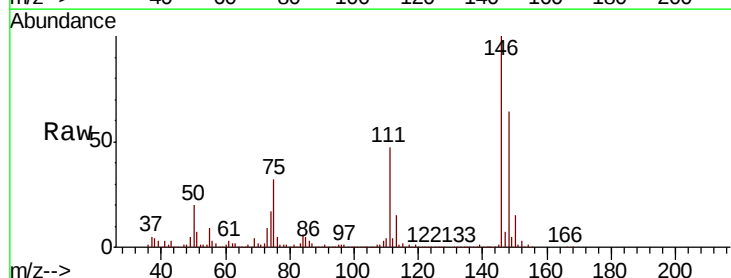
Tgt Ion:146 Resp: 1502718

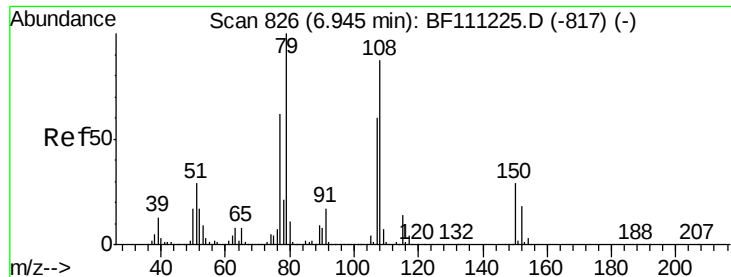
Ion Ratio Lower Upper

146 100

148 64.3 51.9 77.9

111 47.0 36.2 54.4





#15

Benzyl Alcohol

Concen: 36.432 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MS

Tot Ion: 79 Resp: 1404332

Ion Ratio Lower Upper

79 100

108 83.2 69.4 104.2

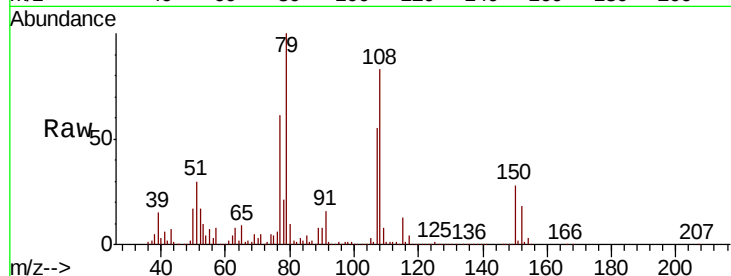
77 61.2 49.7 74.5

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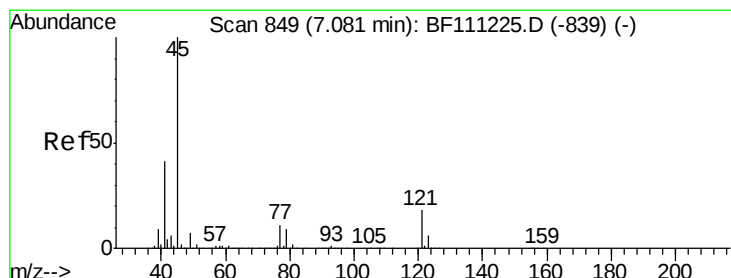
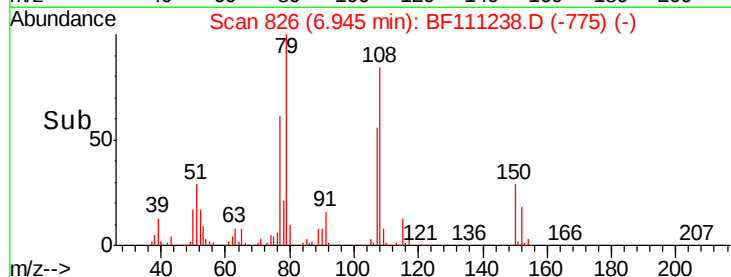
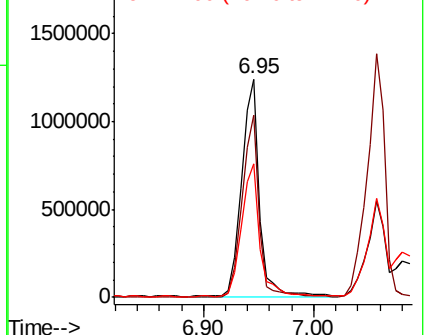


Abundance

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: 35.214 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

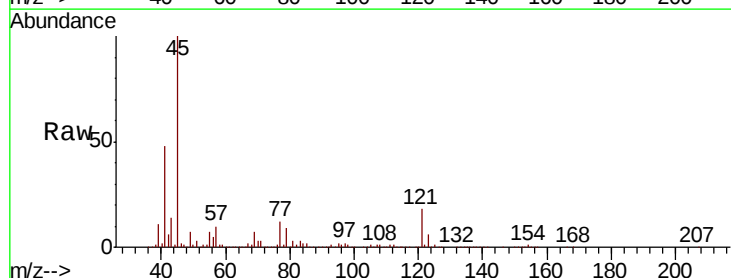
Tgt Ion: 45 Resp: 2904091

Ion Ratio Lower Upper

45 100

77 11.8 0.0 31.5

79 9.4 0.0 28.9

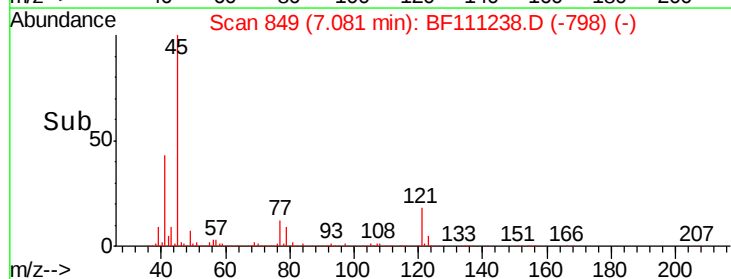
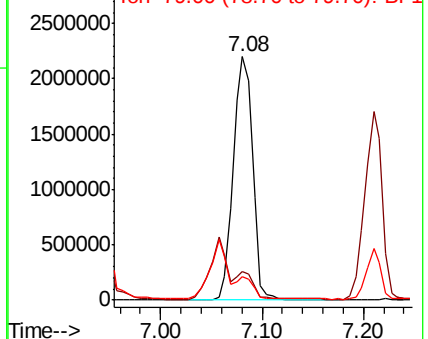


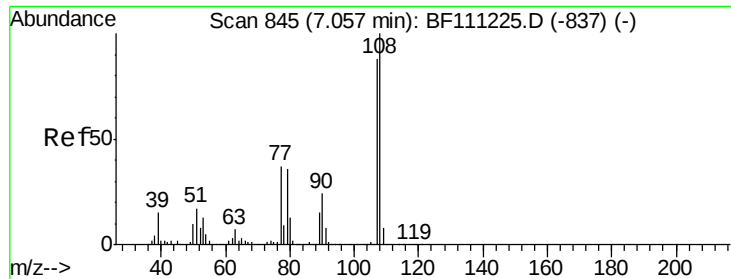
Abundance

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: 37.318 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MS

Tot Ion:107 Resp: 1357399

Ion Ratio Lower Upper

107 100

108 113.8 91.0 136.4

77 46.4 33.5 50.3

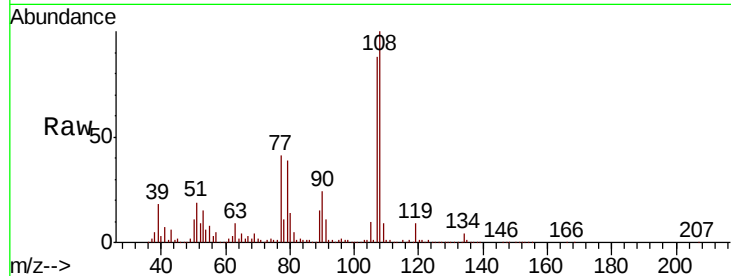
79 44.9 33.3 49.9

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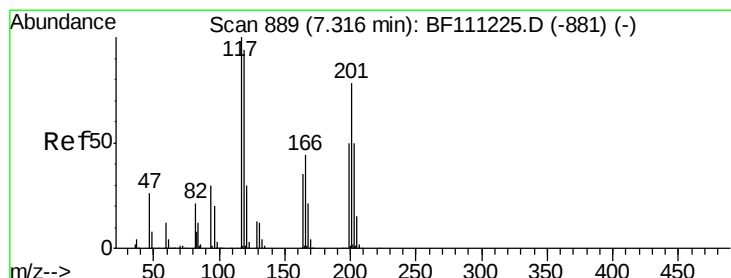
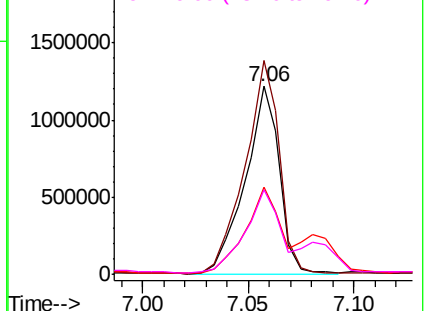
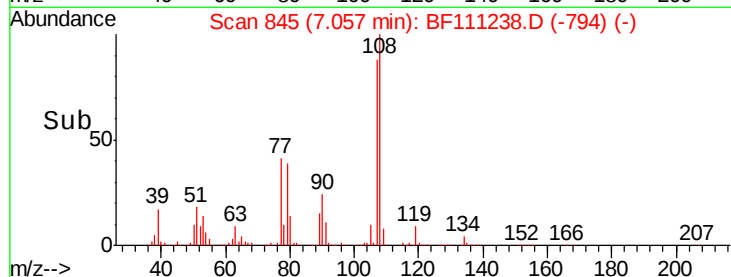
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.529 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

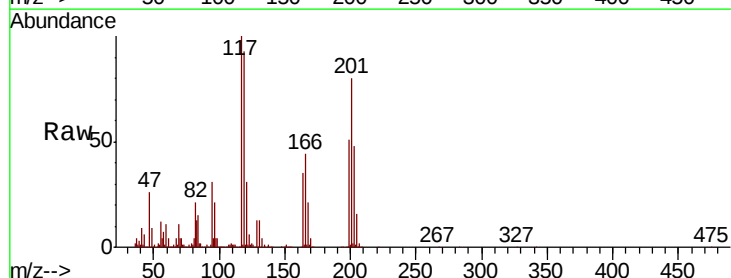
Tgt Ion:117 Resp: 672244

Ion Ratio Lower Upper

117 100

119 92.6 75.4 113.0

201 79.9 62.4 93.6

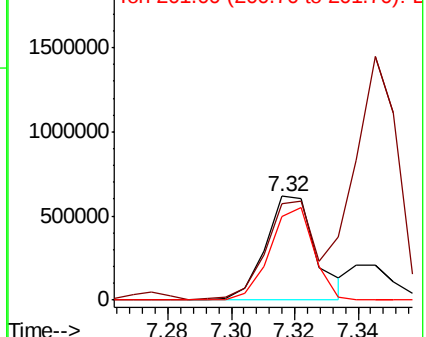
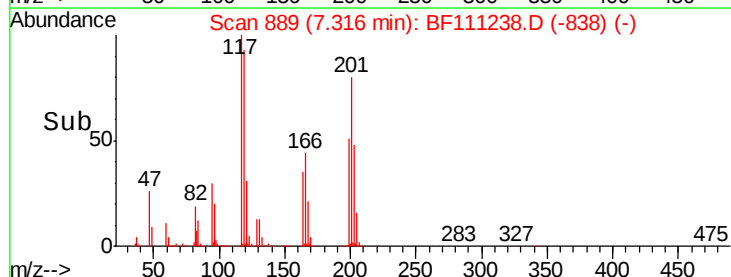


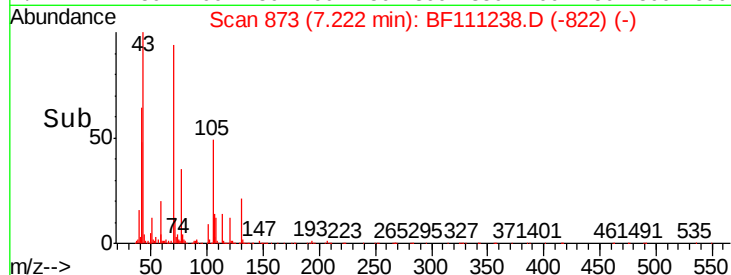
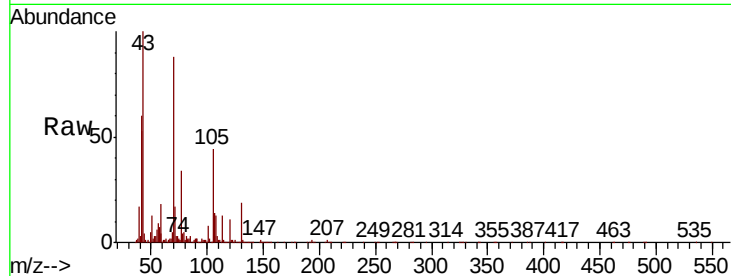
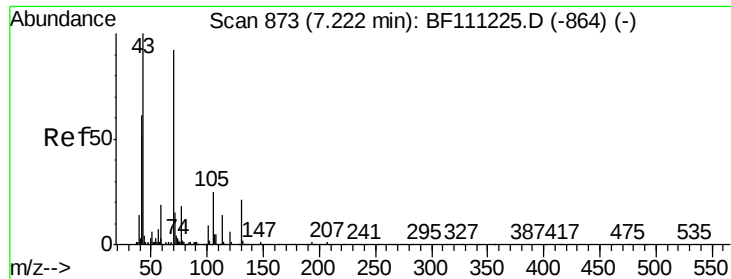
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





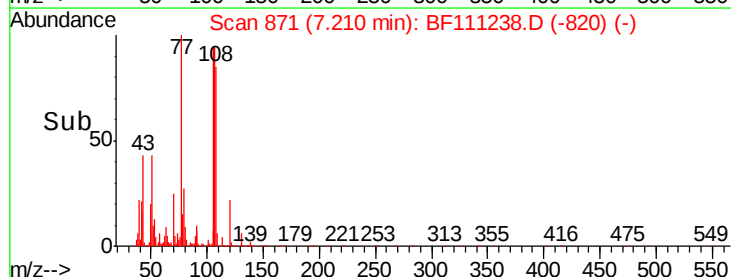
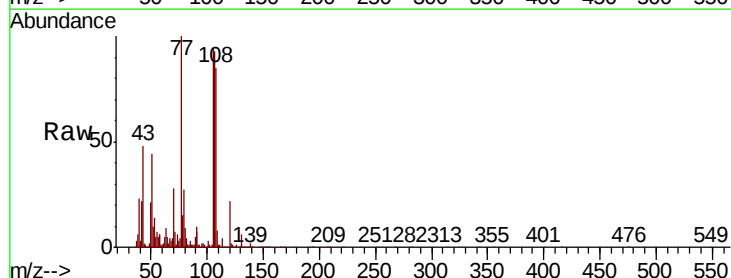
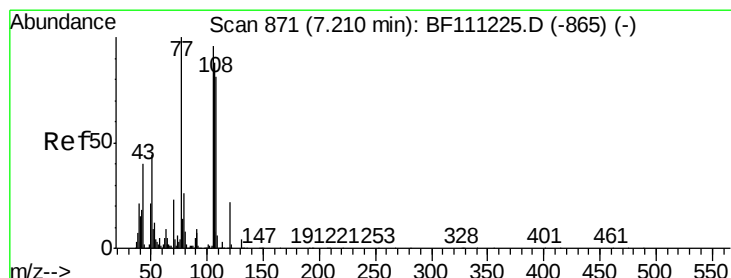
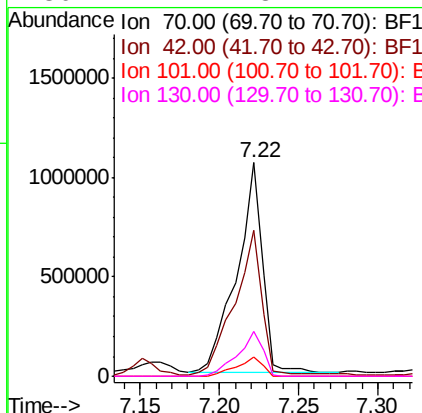
#19
n-Nitroso-di-n-propylamine
Concen: 35.938 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

Tot Ion: 70 Resp: 1172663
Ion Ratio Lower Upper
70 100
42 68.2 53.2 79.8
101 9.2 8.2 12.4
130 21.2 18.1 27.1

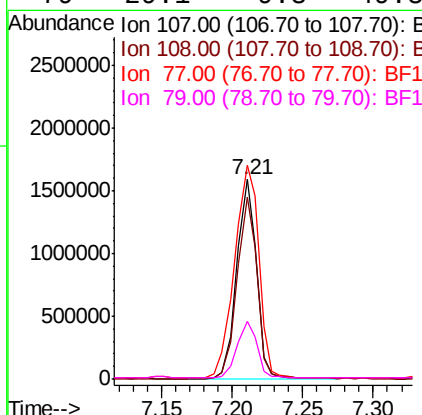
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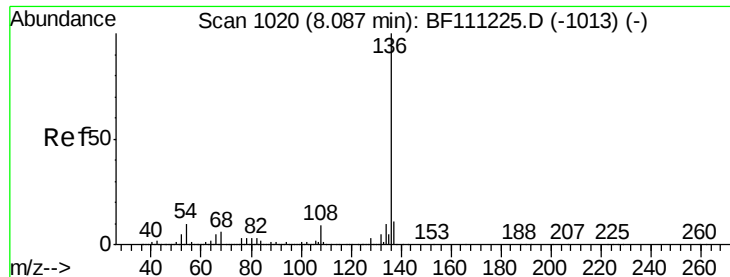
Sohil
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#20
3+4-Methylphenols
Concen: 35.718 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion: 107 Resp: 1545346
Ion Ratio Lower Upper
107 100
108 91.4 72.1 112.1
77 107.2 94.1 134.1
79 29.1 9.8 49.8





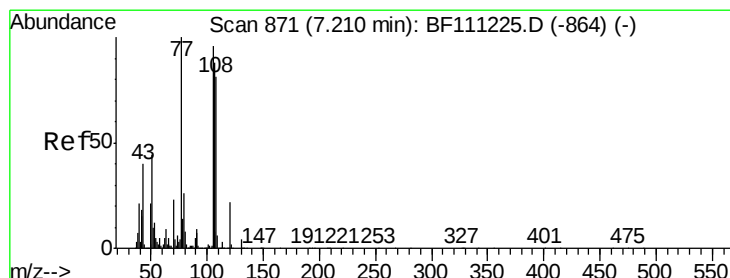
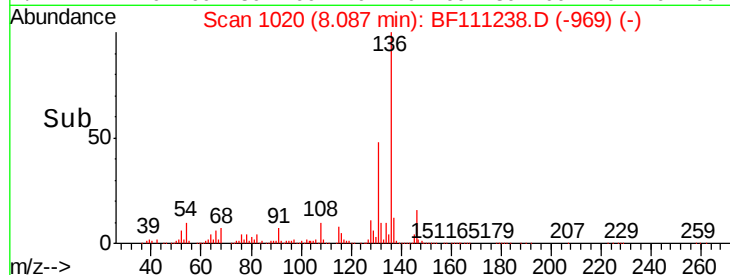
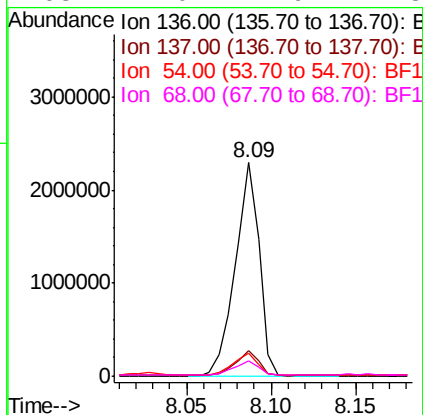
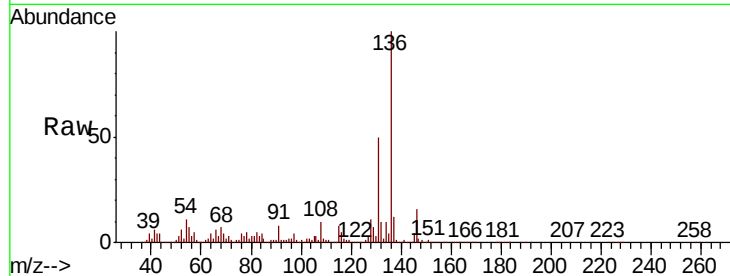
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

Tot Ion	136	Resp	2250443
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	10.6	7.7	11.5
68	7.0	4.9	7.3

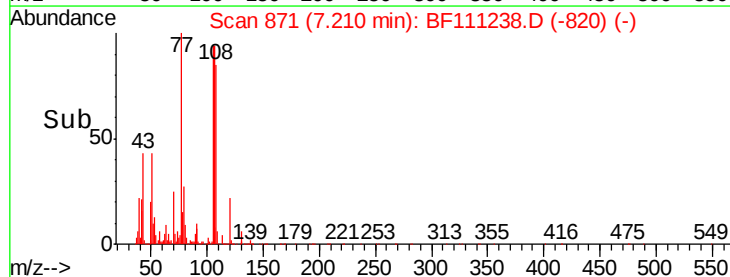
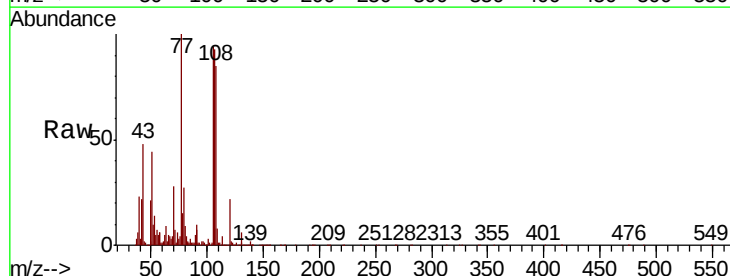
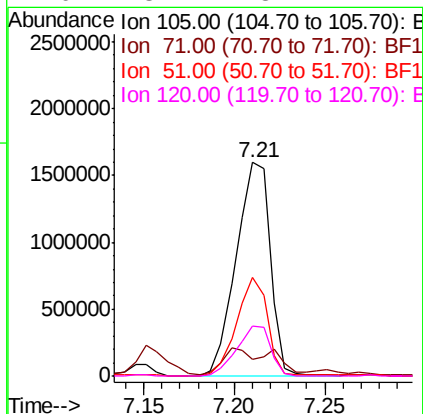
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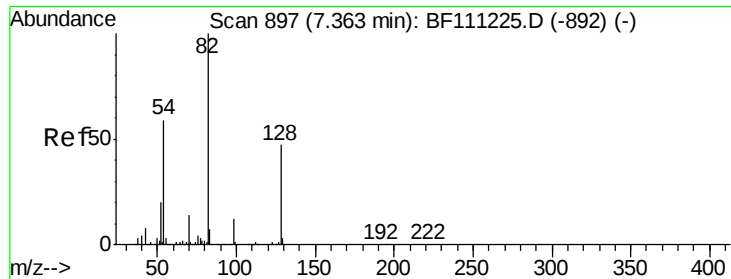
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#22
Acetophenone
Concen: 40.724 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion	105	Resp	2096949
Ion	Ratio	Lower	Upper
105	100		
71	7.6	3.1	4.7#
51	46.4	36.6	54.8
120	23.4	18.2	27.4





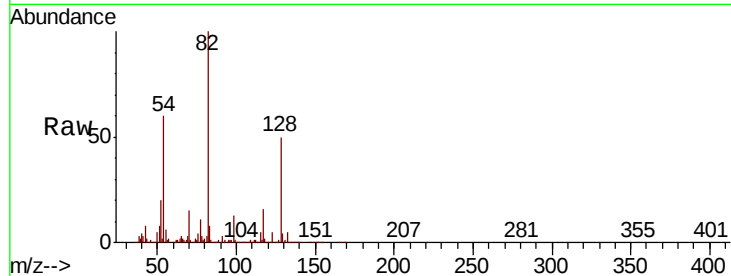
#23
Nitrobenzene-d5
Concen: 86.662 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

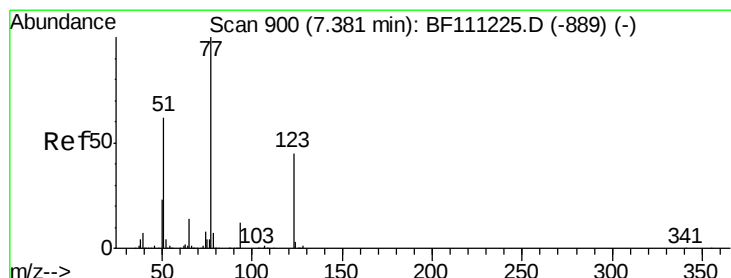
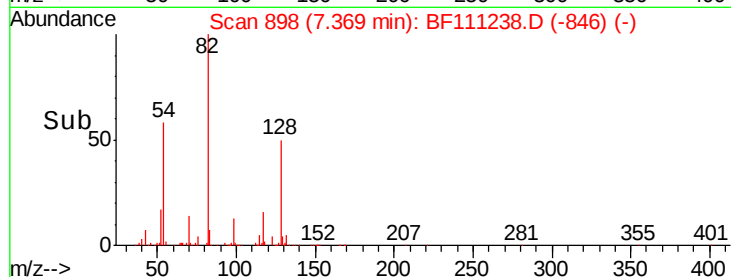
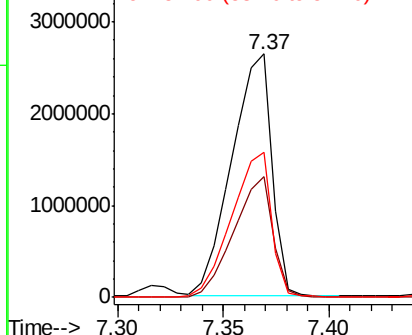
Tot Ion: 82 Resp: 3477156
Ion Ratio Lower Upper
82 100
128 49.6 37.4 56.2
54 59.5 47.6 71.4

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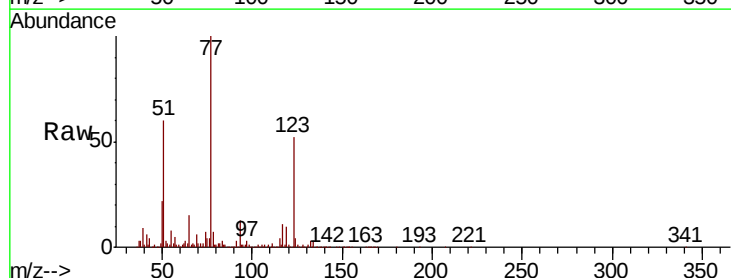


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

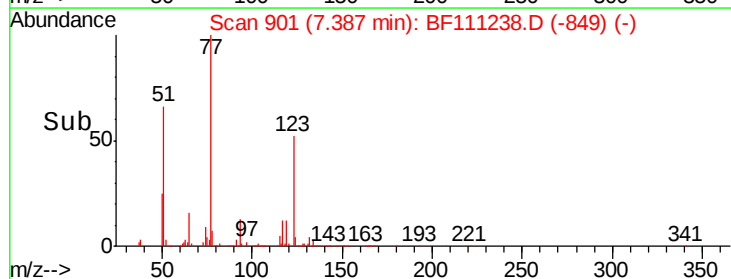
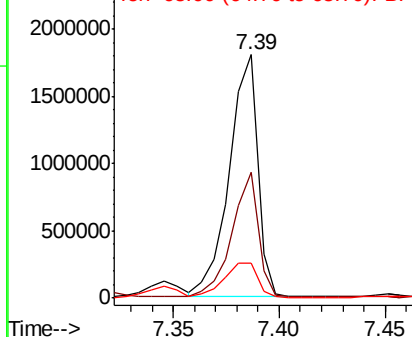


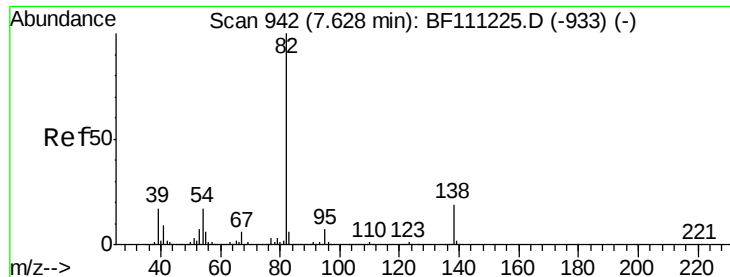
#24
Nitrobenzene
Concen: 40.358 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion: 77 Resp: 1685319
Ion Ratio Lower Upper
77 100
123 51.6 37.2 55.8
65 14.5 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.905 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MS

Tot Ion: 82 Resp: 3137018

Ion Ratio Lower Upper

82 100

95 8.3 5.4 8.2#

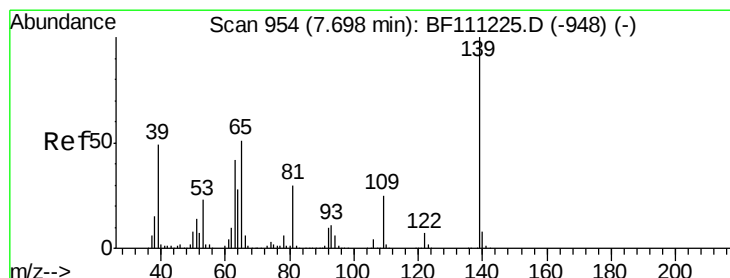
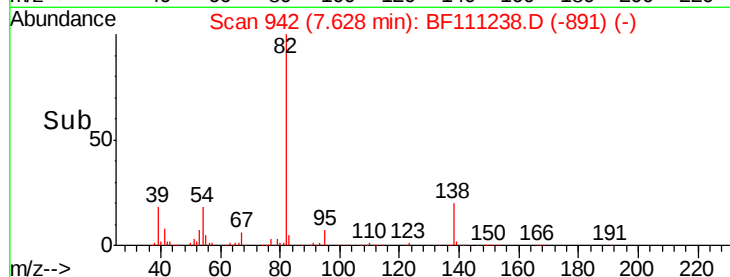
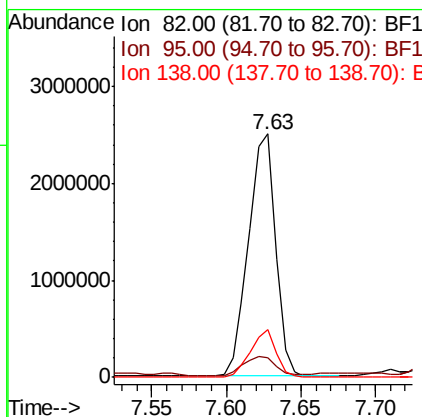
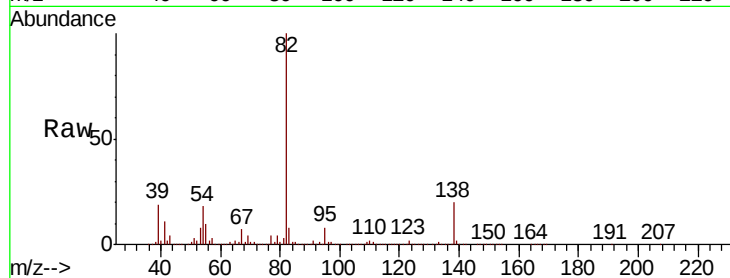
138 19.7 15.1 22.7

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#26

2-Nitrophenol

Concen: 41.227 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

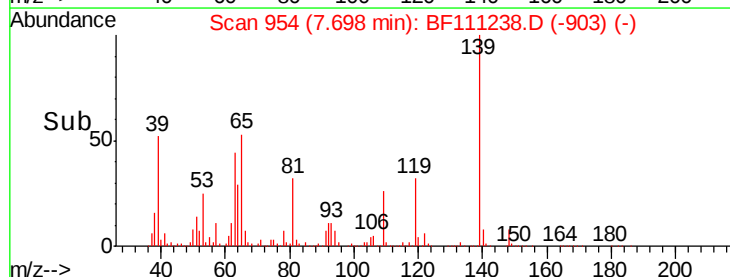
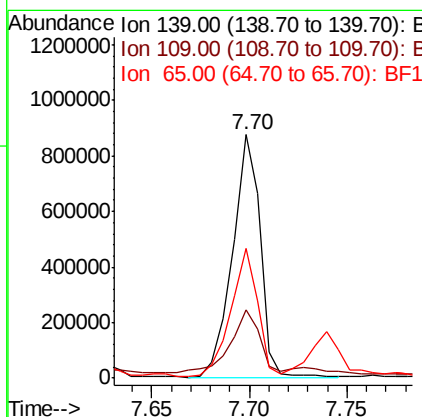
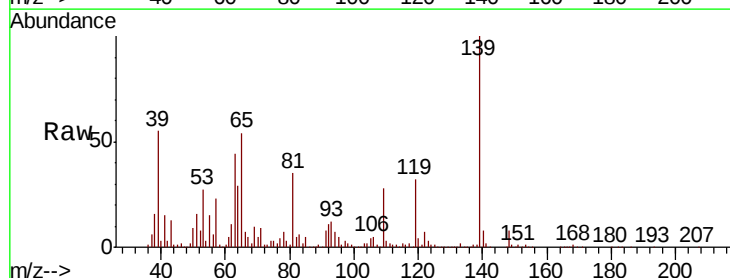
Tgt Ion: 139 Resp: 855370

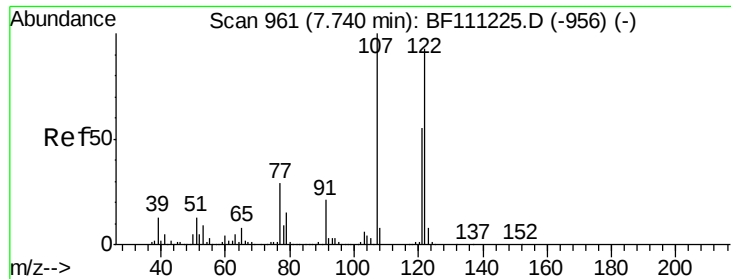
Ion Ratio Lower Upper

139 100

109 28.0 20.2 30.4

65 53.5 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 44.134 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MS

Tot Ion:122 Resp: 1414959

Ion Ratio Lower Upper

122 100

107 109.6 85.5 128.3

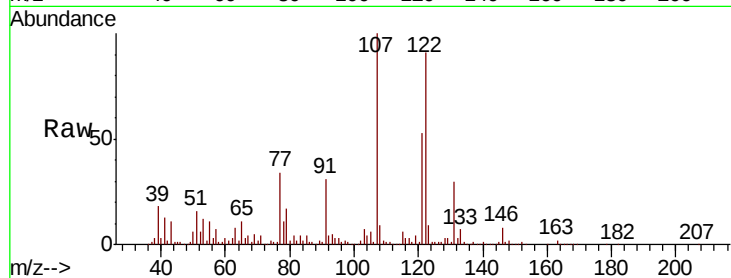
121 57.8 46.6 70.0

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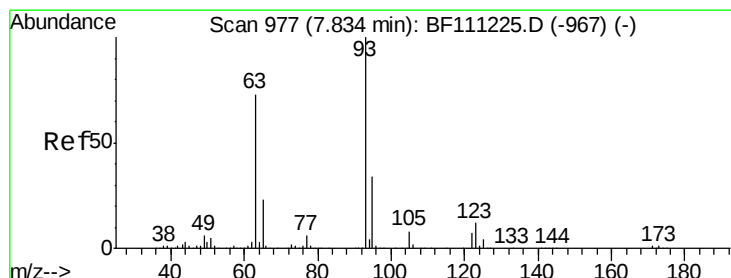
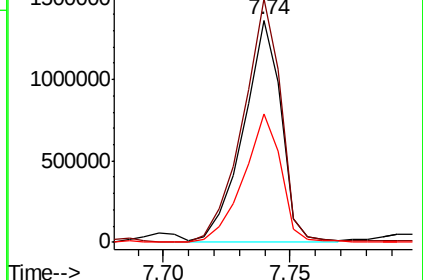
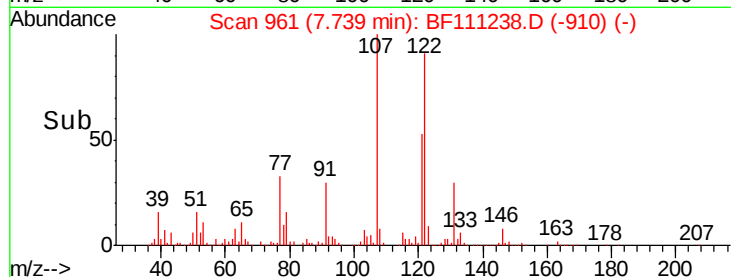
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Abundance Ion 122.00 (121.70 to 122.70): E

2000000 Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.155 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

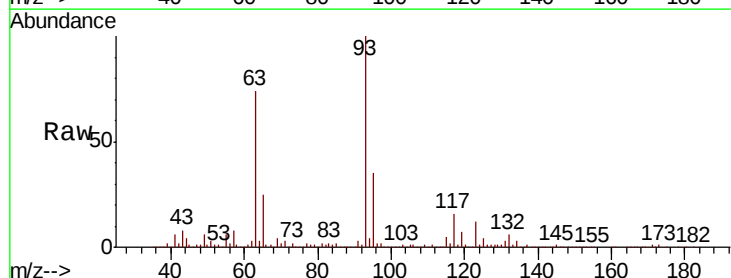
Tgt Ion: 93 Resp: 1947589

Ion Ratio Lower Upper

93 100

95 34.9 27.1 40.7

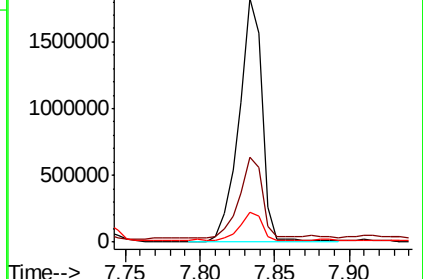
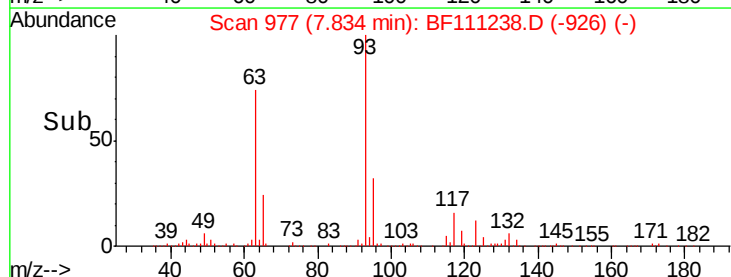
123 12.3 9.9 14.9

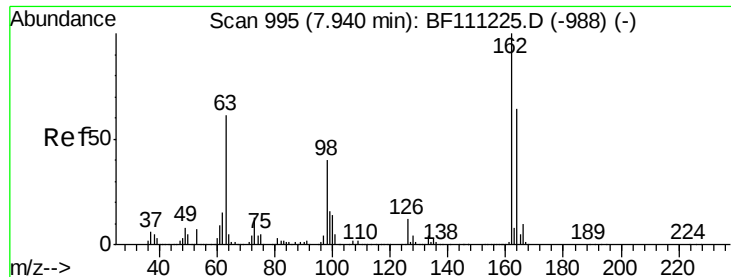


Abundance Ion 93.00 (92.70 to 93.70): BF1

2500000 Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





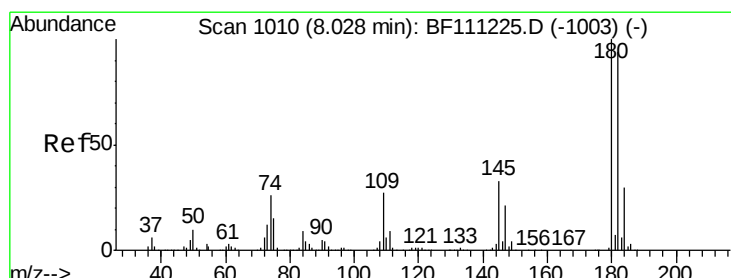
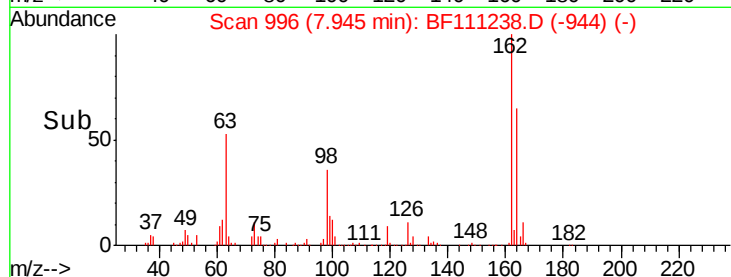
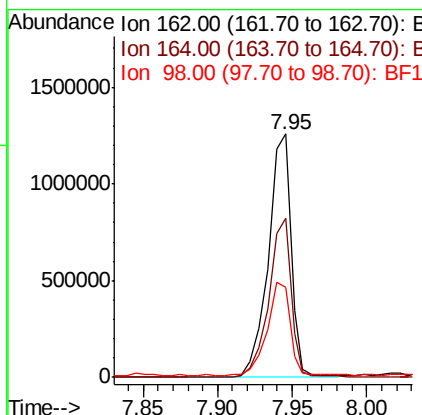
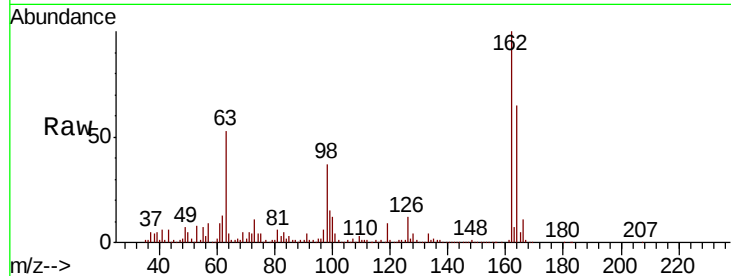
#29
2,4-Dichlorophenol
Concen: 40.576 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.4	84.4
98	36.9	20.3	60.3

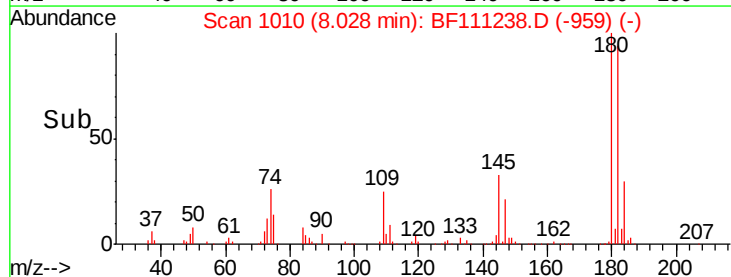
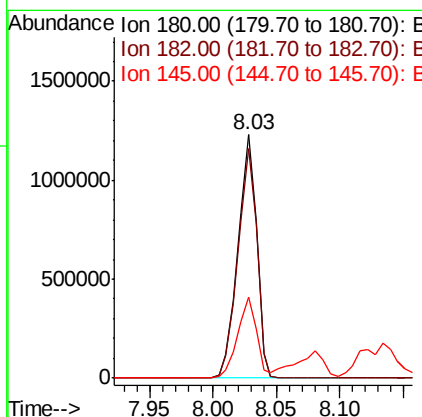
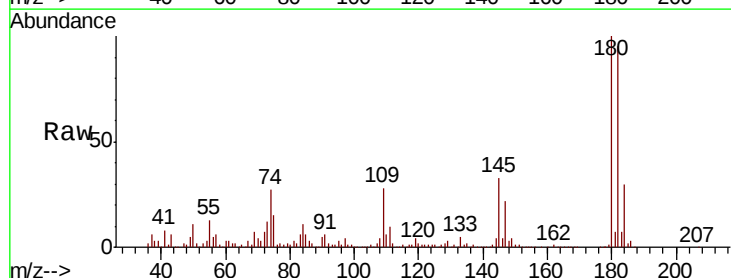
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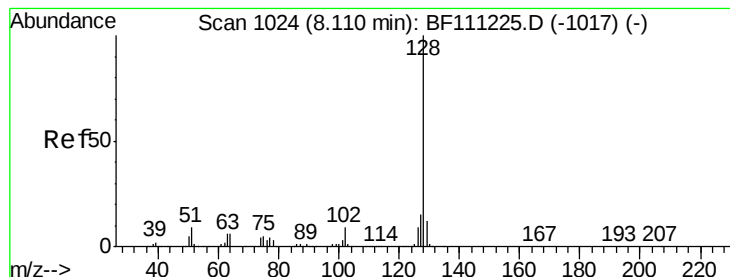
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#30
1,2,4-Trichlorobenzene
Concen: 38.493 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.6	113.4
145	33.3	26.7	40.1





#31

Naphthalene

Concen: 44.704 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MS

Tot Ion:128 Resp: 4390762

Ion Ratio Lower Upper

128 100

129 14.8 9.8 14.8#

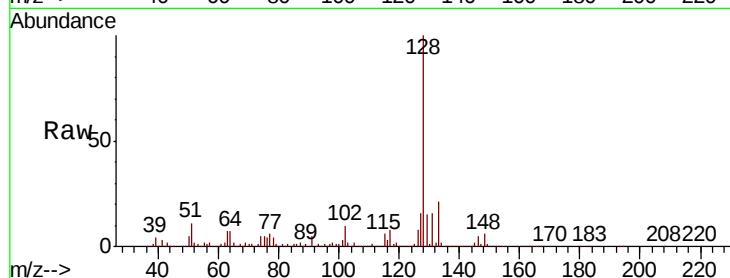
127 15.7 12.0 18.0

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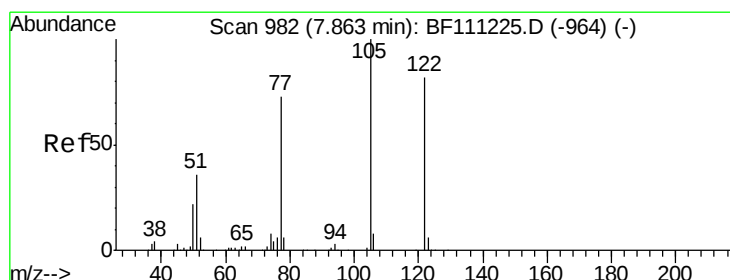
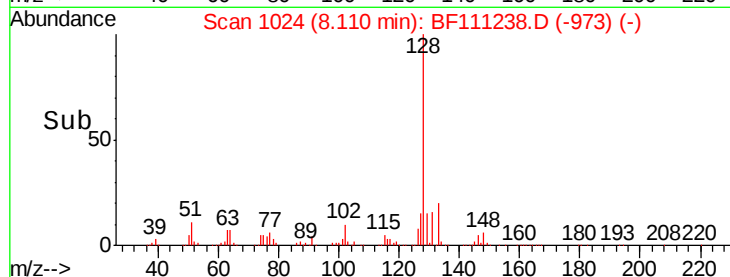
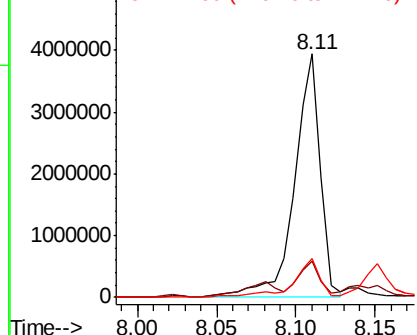


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.537 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.06 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

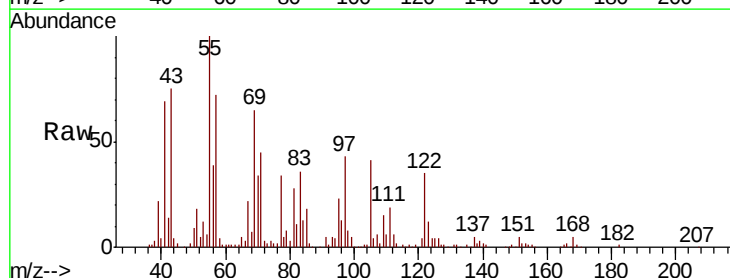
Tgt Ion:122 Resp: 67260

Ion Ratio Lower Upper

122 100

105 117.4 97.0 137.0

77 97.7 65.7 105.7

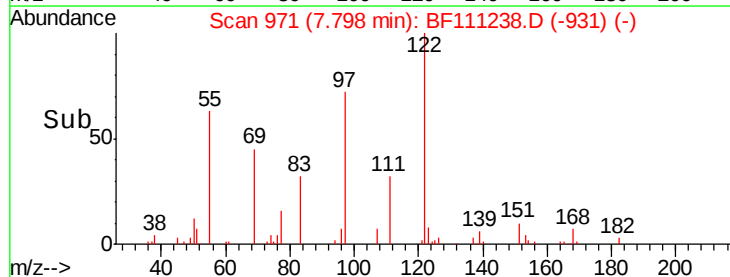
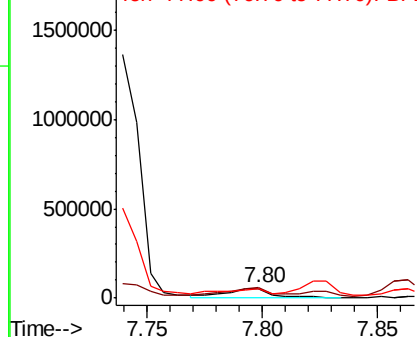


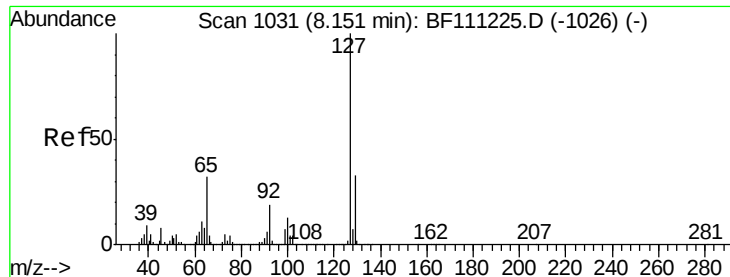
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





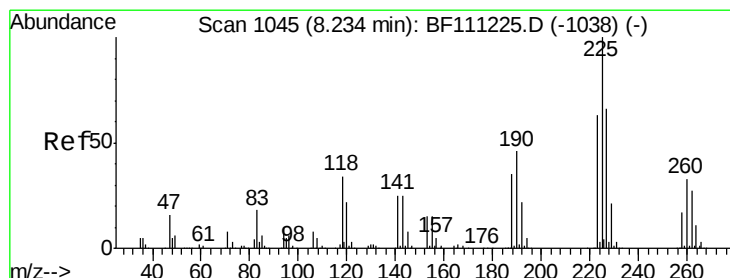
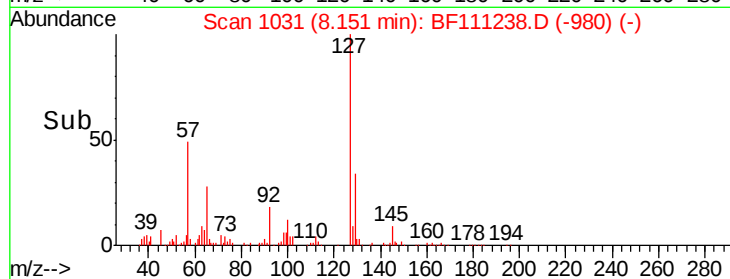
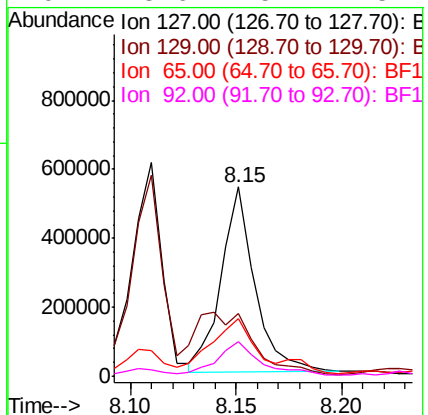
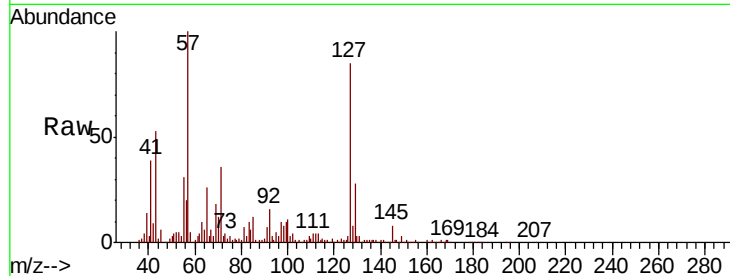
#33
 4-Chloroaniline
 Concen: 12.683 ng
 RT: 8.15 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.5	26.6	39.8	
65	30.2	25.7	38.5	
92	18.6	15.4	23.2	

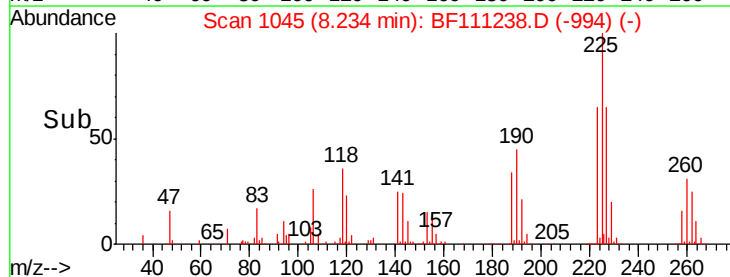
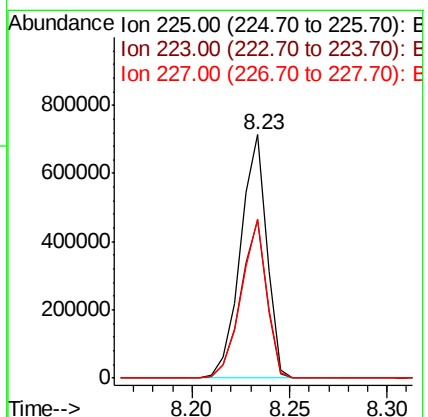
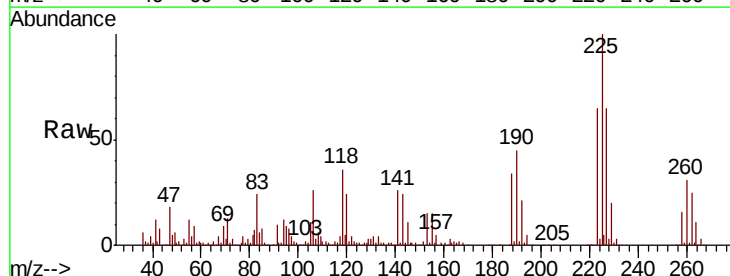
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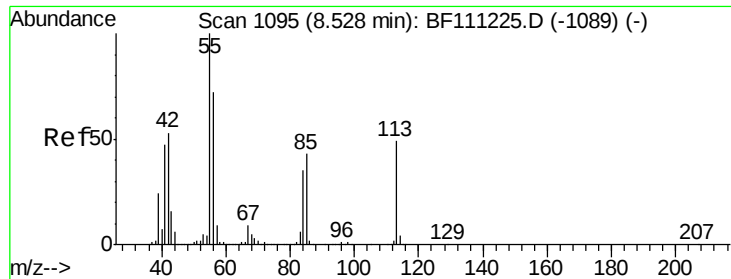
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#34
 Hexachlorobutadiene
 Concen: 37.291 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.8	50.7	76.1	
227	65.3	52.6	78.8	





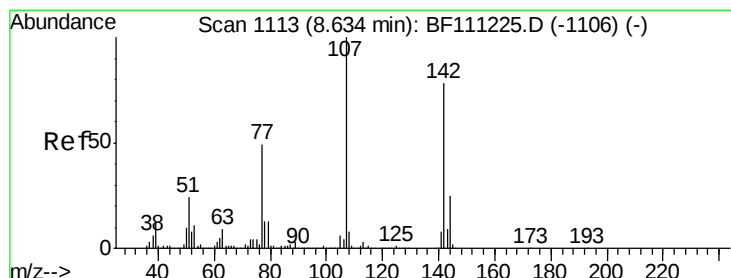
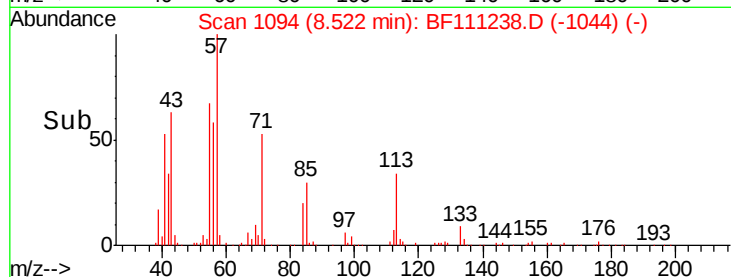
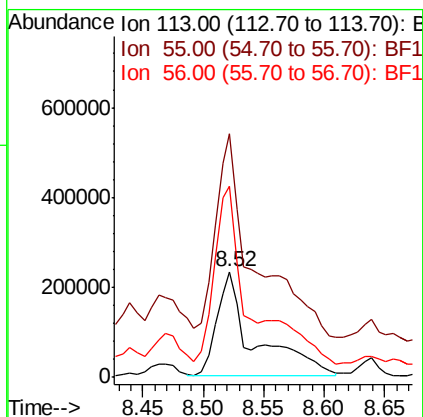
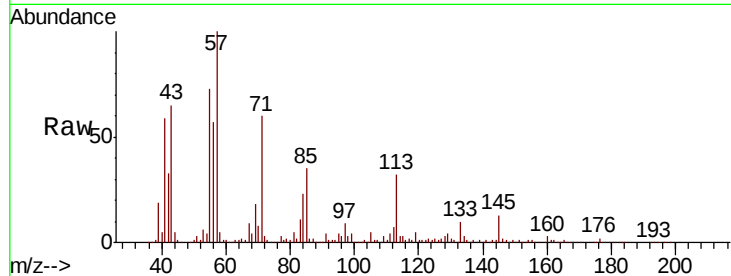
#35
 Caprolactam
 Concen: 42.358 ng/ml
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	230.2	184.1	224.1#
56	180.7	126.0	166.0#

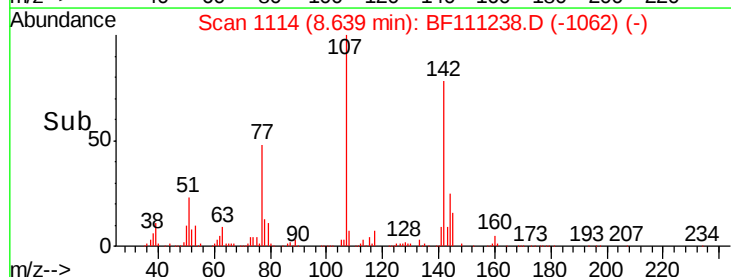
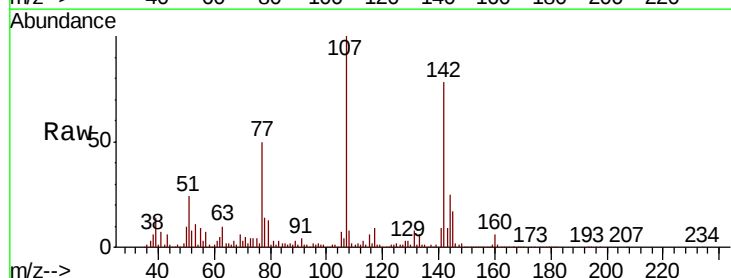
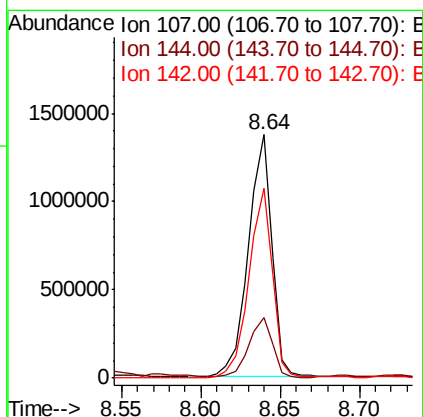
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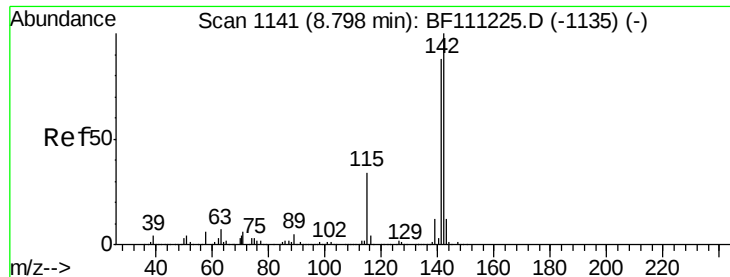
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#36
 4-Chloro-3-methylphenol
 Concen: 42.330 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.8	29.6
142	78.0	62.3	93.5





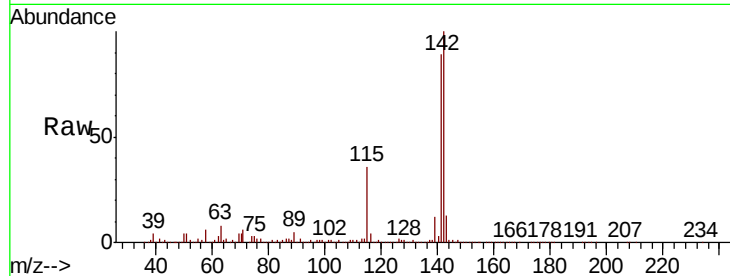
#37
2-Methylnaphthalene
Concen: 44.420 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.6	105.8
115	36.4	27.0	40.6

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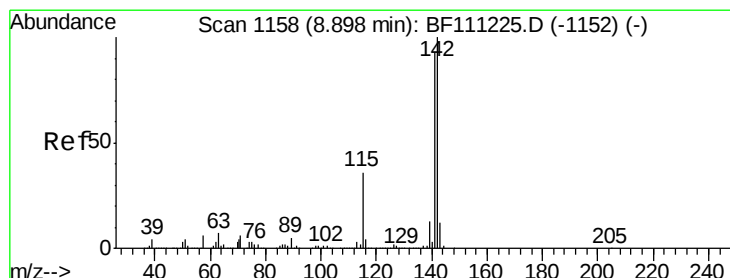
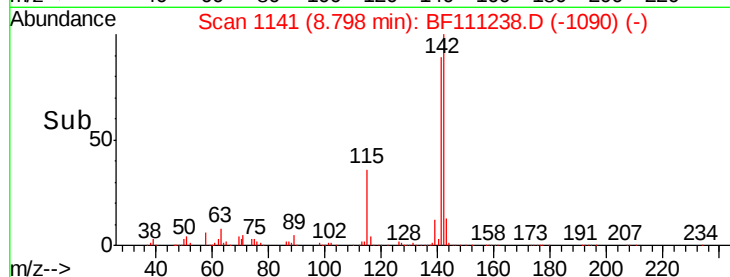
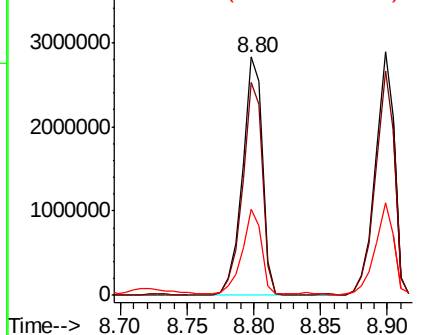


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.611 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

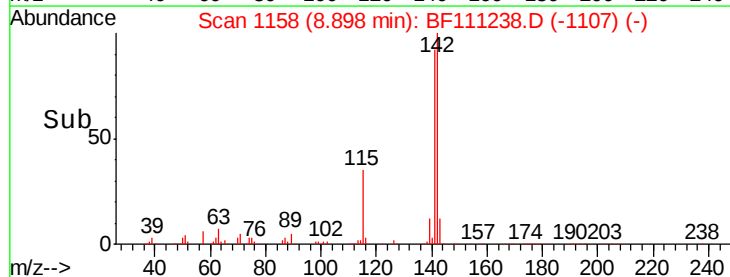
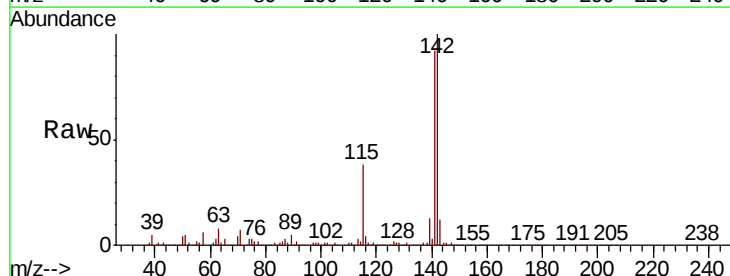
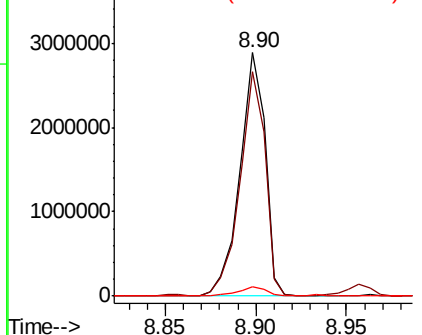
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4
116	3.9	2.9	4.3

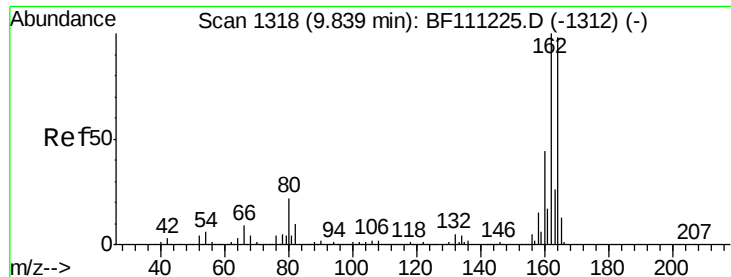
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





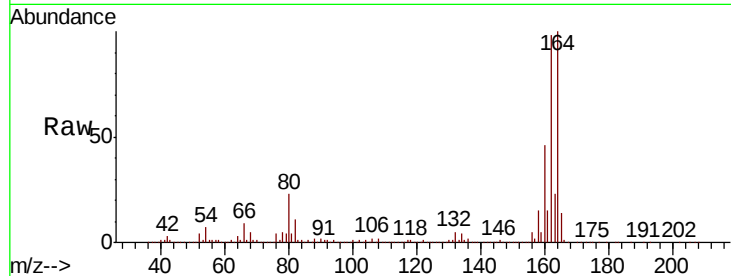
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

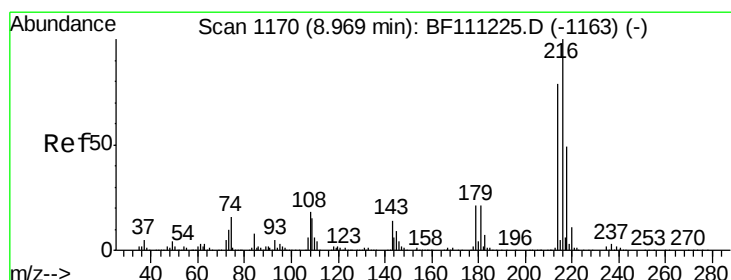
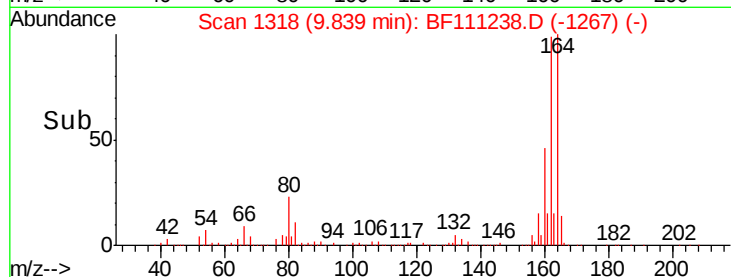
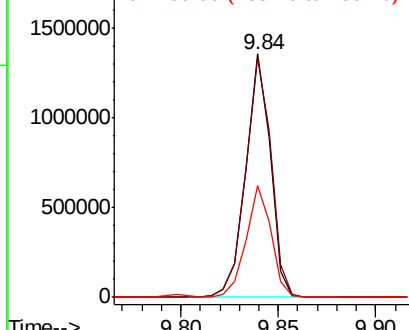
Tot Ion:164 Resp: 1183193
Ion Ratio Lower Upper
164 100
162 98.4 81.4 122.0
160 45.9 35.7 53.5

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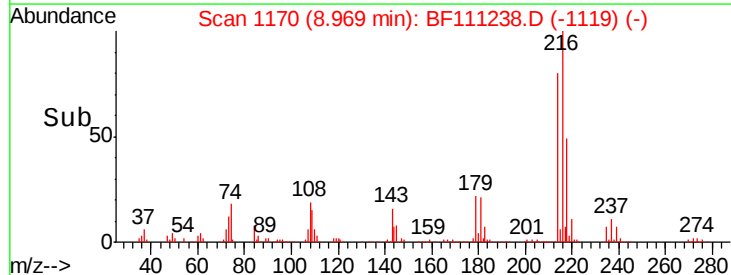
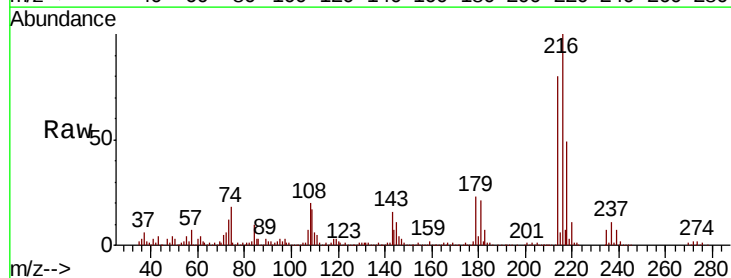
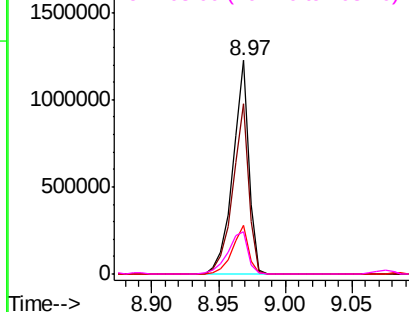
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

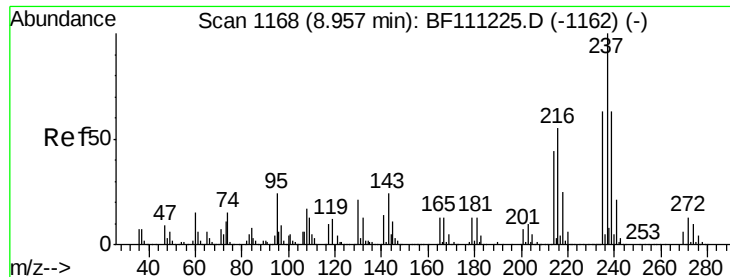


#40
1,2,4,5-Tetrachlorobenzene
Concen: 31.623 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion:216 Resp: 1041109
Ion Ratio Lower Upper
216 100
214 79.6 63.8 95.8
179 22.6 17.9 26.9
108 24.1 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: 52.472 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

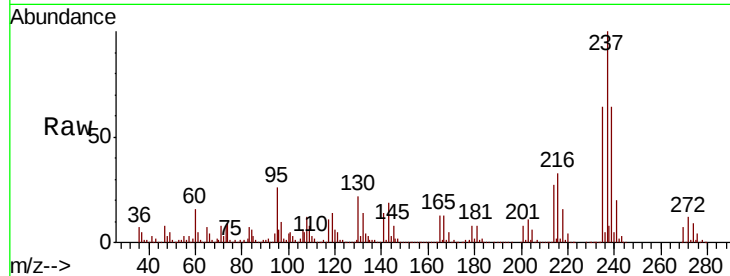
ClientSampleId :

USTS-1-2-3MS

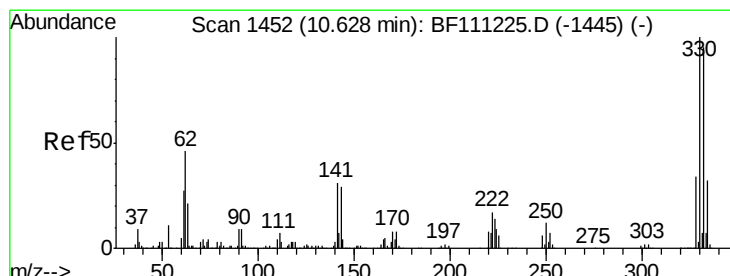
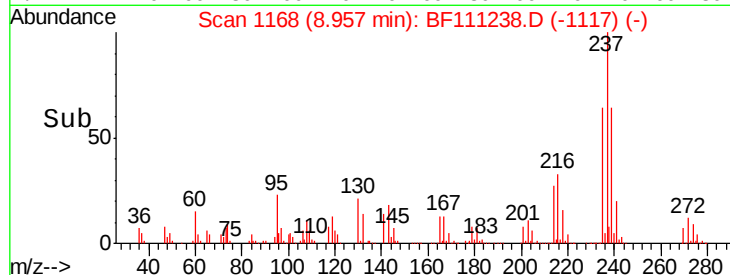
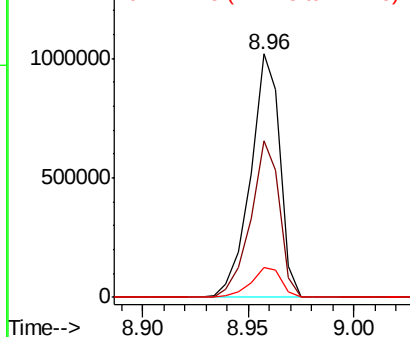
Tot Ion:	237	Resp:	983815
Ion Ratio	Lower	Upper	
237	100		
235	64.1	43.1	83.1
272	12.3	0.0	33.0

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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: 108.022 ng

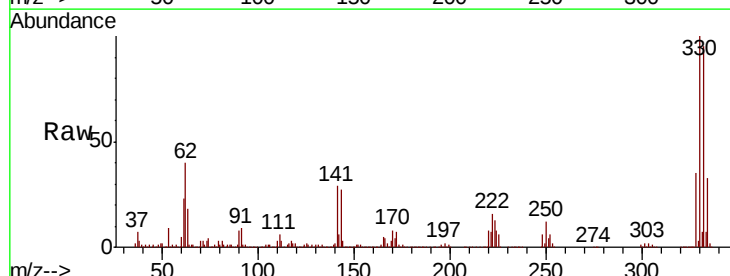
RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

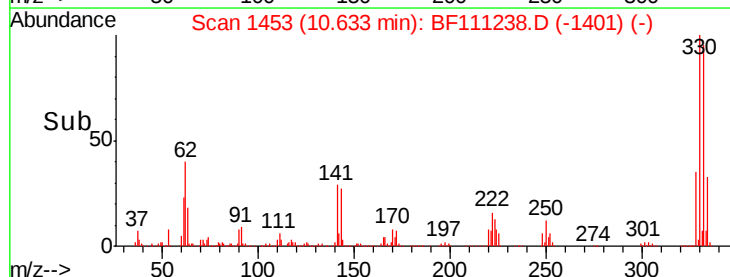
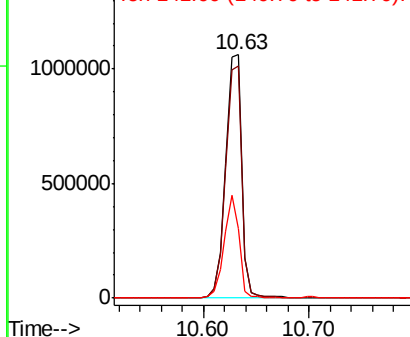
Lab File: BF111238.D

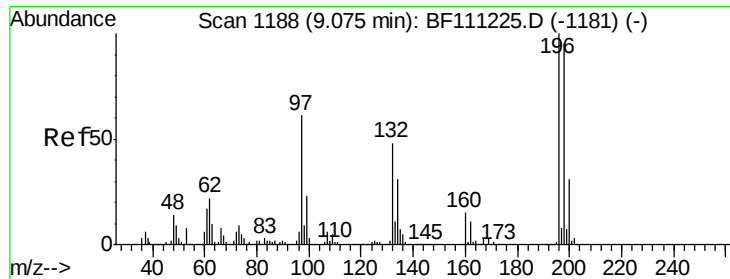
Acq: 10 Dec 2018 13:17

Tgt Ion:	330	Resp:	1132168
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.0	114.0
141	39.1	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





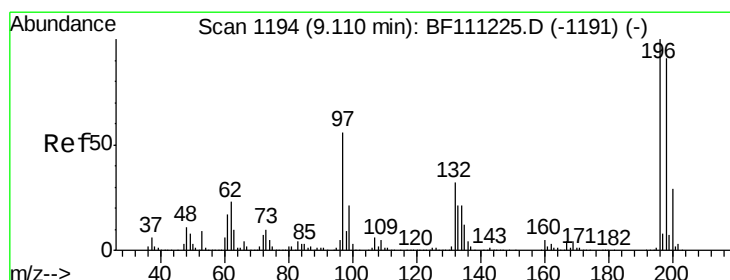
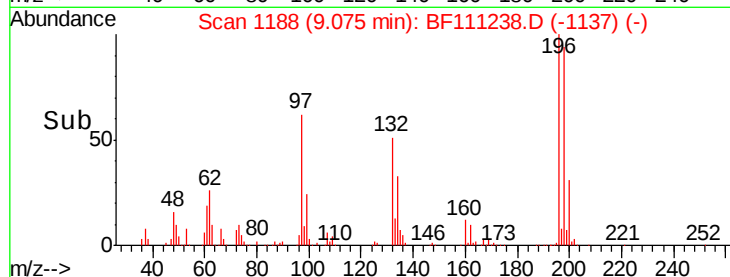
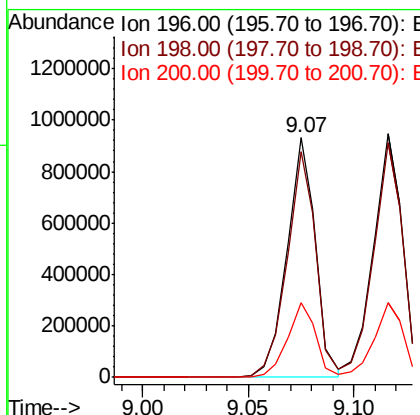
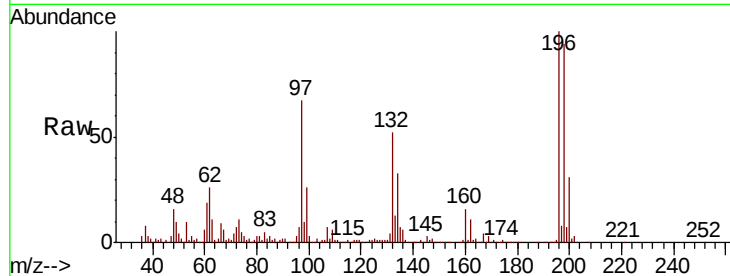
#43
 2,4,6-Trichlorophenol
 Concen: 35.418 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

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

Tot Ion:	196	Resp:	875275
Ion Ratio	Lower	Upper	
196	100		
198	94.3	76.3	114.5
200	31.3	24.9	37.3

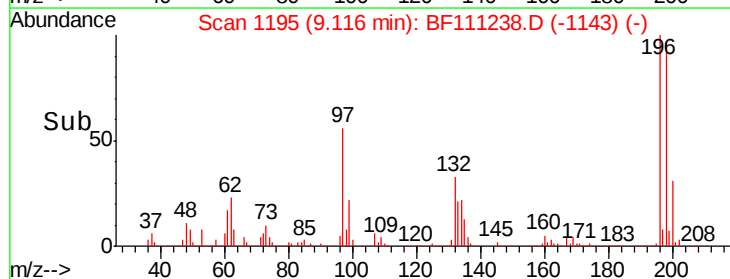
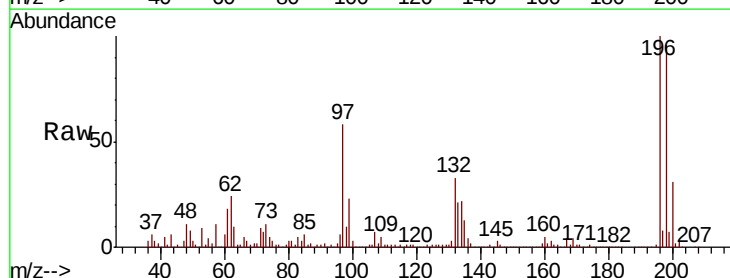
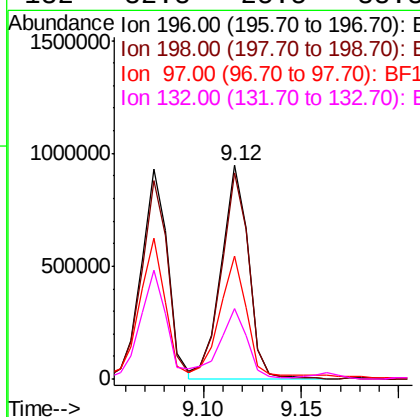
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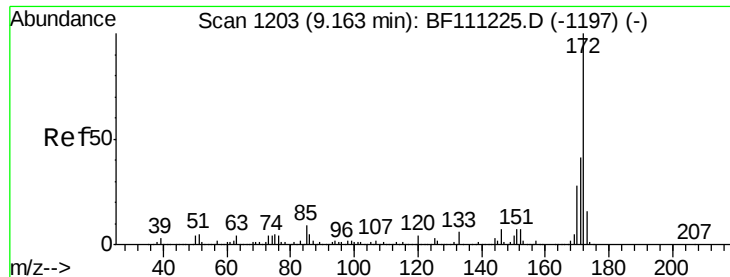
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#44
 2,4,5-Trichlorophenol
 Concen: 35.650 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

Tgt Ion:	196	Resp:	917778
Ion Ratio	Lower	Upper	
196	100		
198	96.5	72.9	109.3
97	57.7	45.3	67.9
132	32.8	25.5	38.3





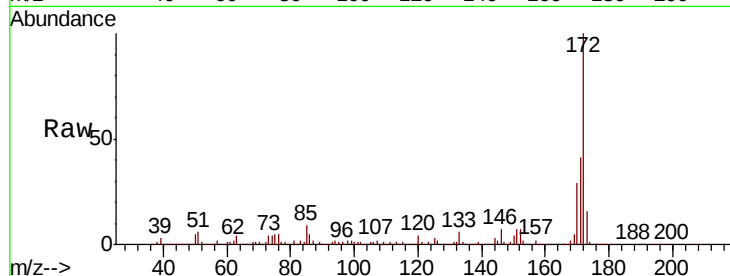
#45
2-Fluorobiphenyl
Concen: 66.880 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.3	33.0	49.4
170	28.6	22.3	33.5

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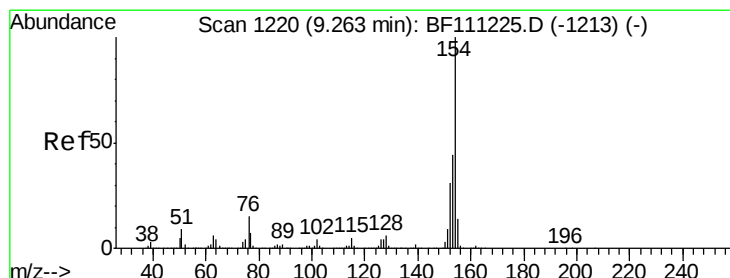
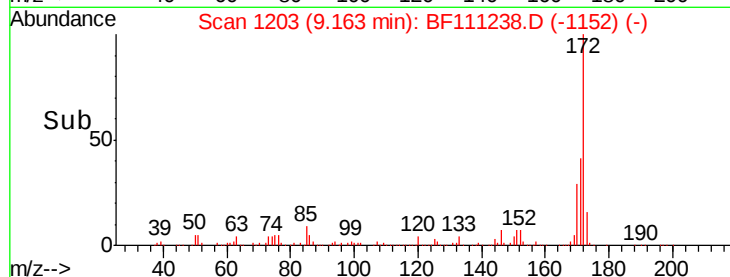
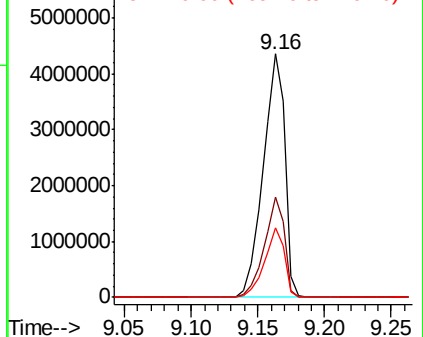


Abundance

Ion 172.00 (171.70 to 172.70): E

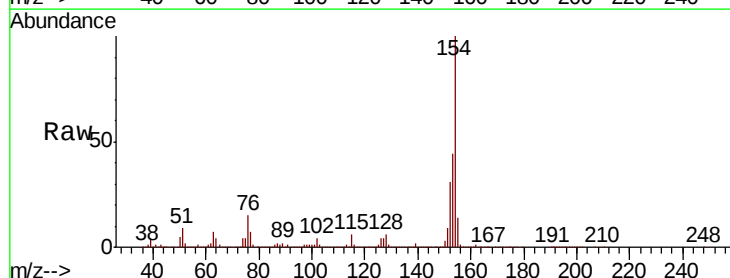
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 31.798 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	23.7	63.7
76	14.7	0.0	35.0

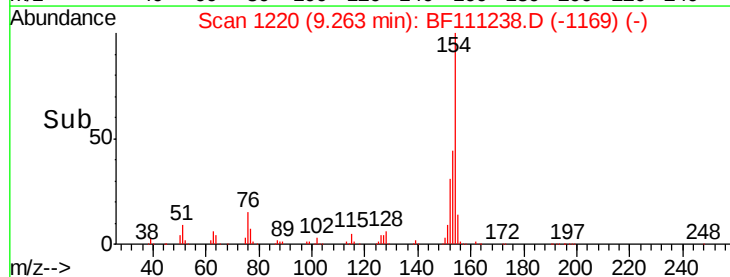
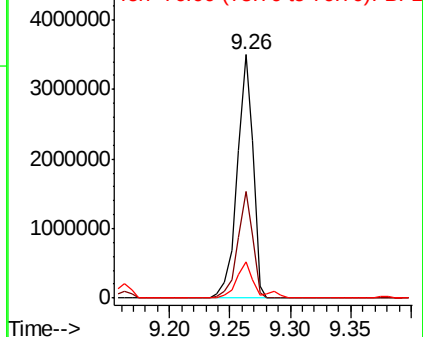


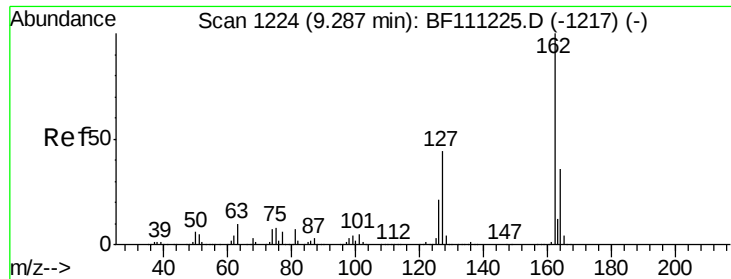
Abundance

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: 33.564 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MS

Tot Ion:162 Resp: 2598457

Ion Ratio Lower Upper

162 100

127 44.0 35.0 52.4

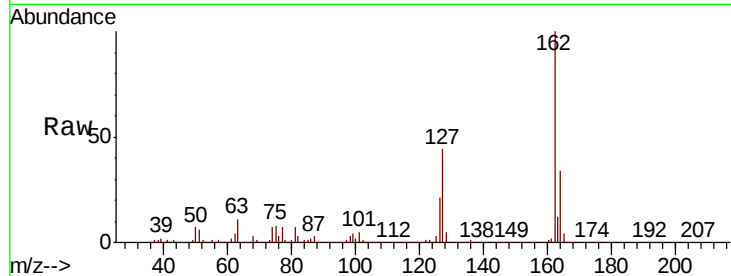
164 34.3 28.4 42.6

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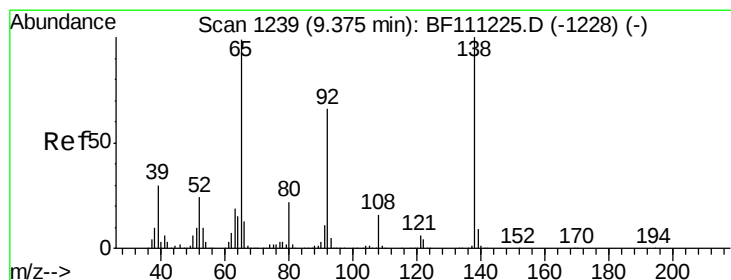
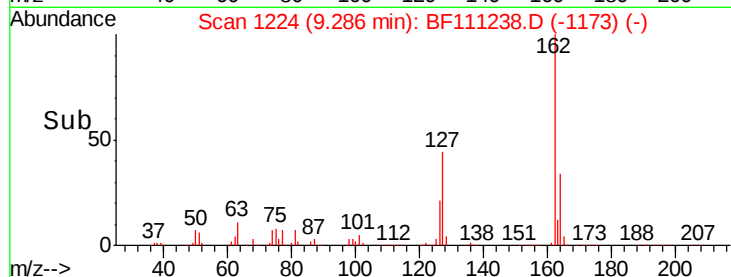
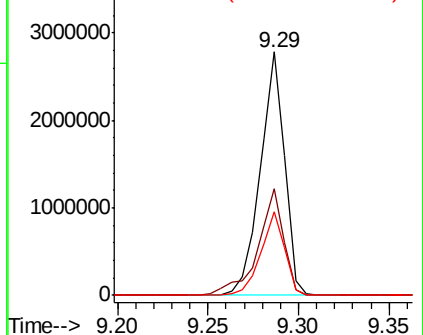
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 36.552 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

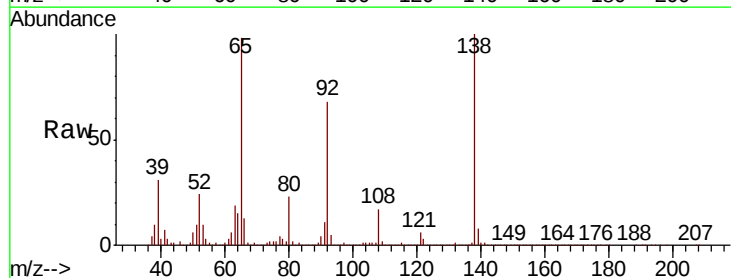
Tgt Ion: 65 Resp: 965331

Ion Ratio Lower Upper

65 100

92 69.2 53.5 80.3

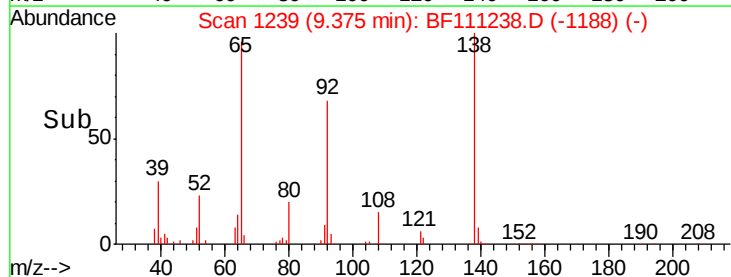
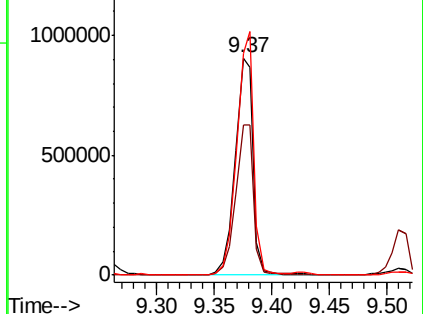
138 102.3 80.9 121.3

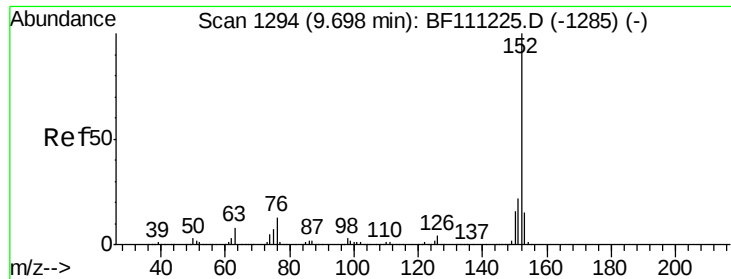


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





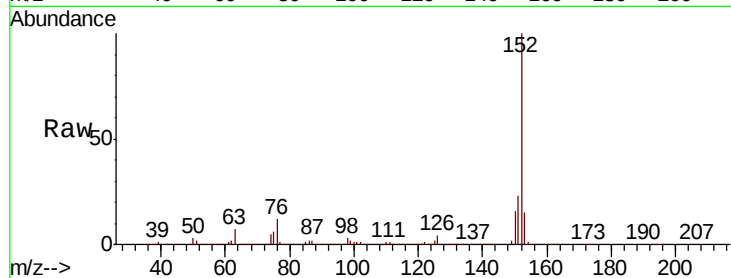
#49
Acenaphthylene
Concen: 34.723 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

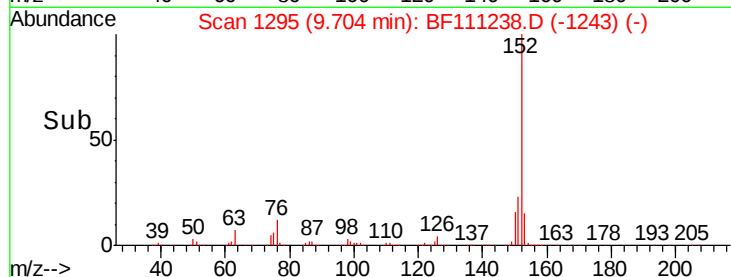
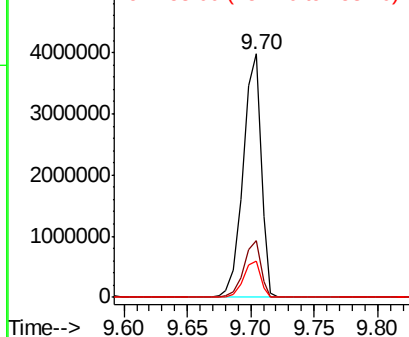
Tot Ion	Ratio	Lower	Upper
152	100		
151	23.3	18.0	27.0
153	15.1	12.3	18.5

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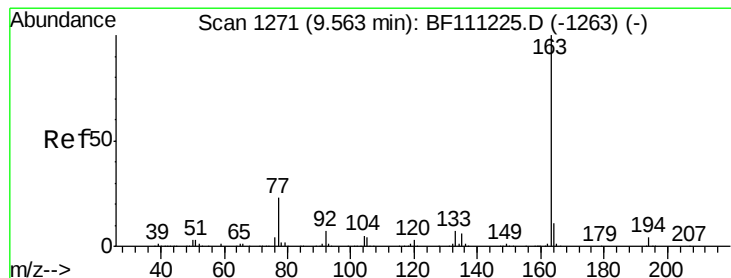
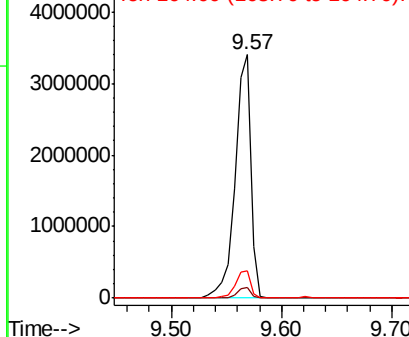
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

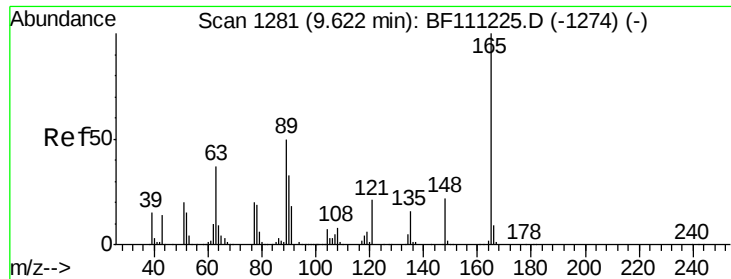


#50
Dimethylphthalate
Concen: 38.899 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	11.2	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





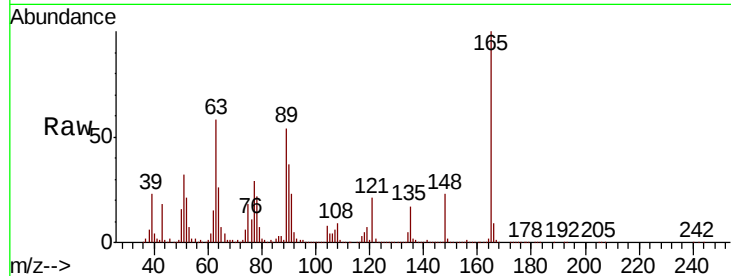
#51
2,6-Dinitrotoluene
Concen: 37.575 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.0	40.5	60.7
89	54.1	40.0	60.0

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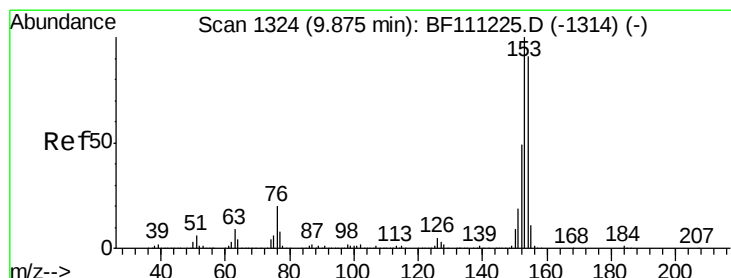
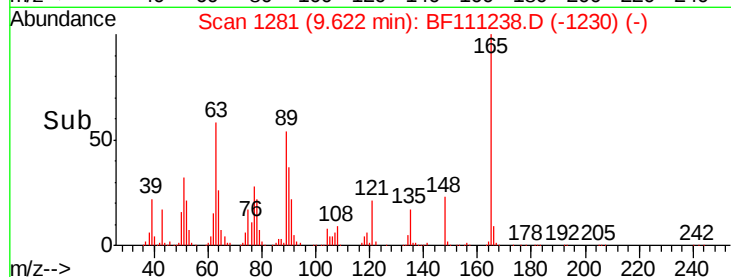
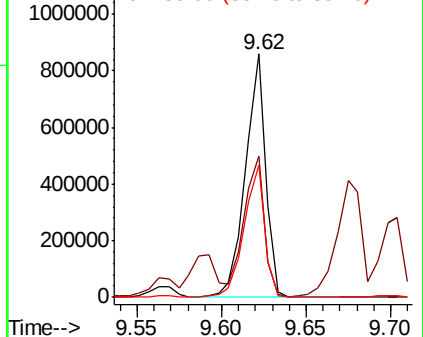


Abundance

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



#52
Acenaphthene
Concen: 34.295 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

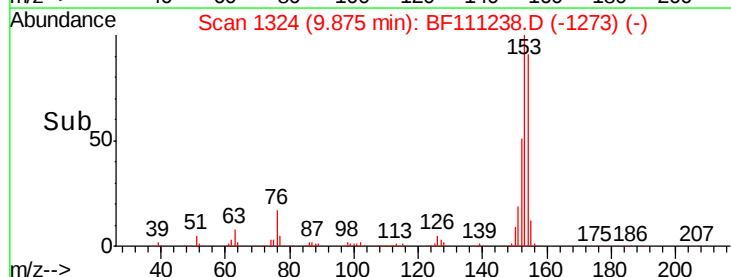
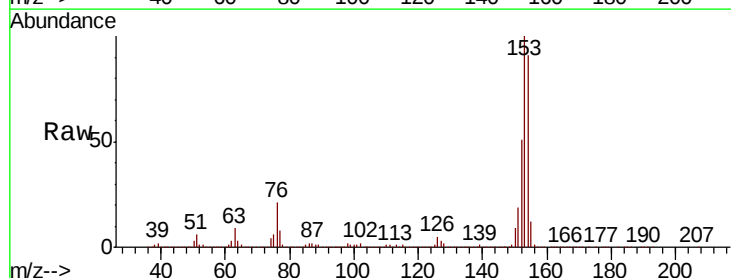
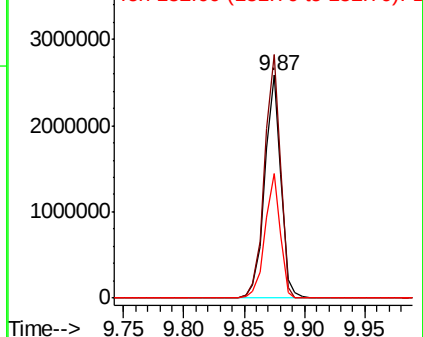
Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.4	87.8	131.8
152	55.8	43.4	65.2

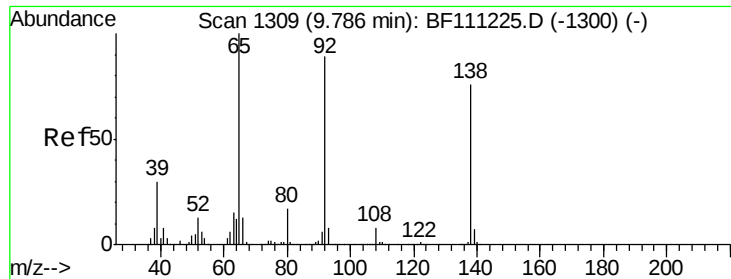
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





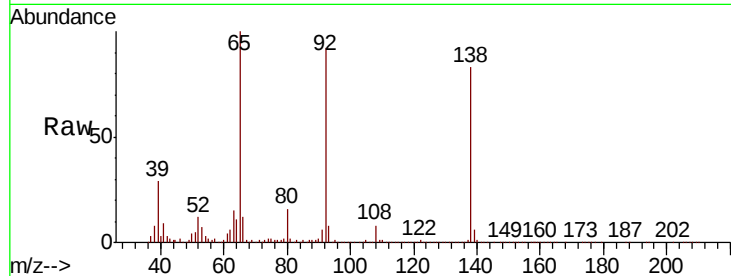
#53
3-Nitroaniline
Concen: 21.109 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.2	12.4
92	111.6	93.4	140.2

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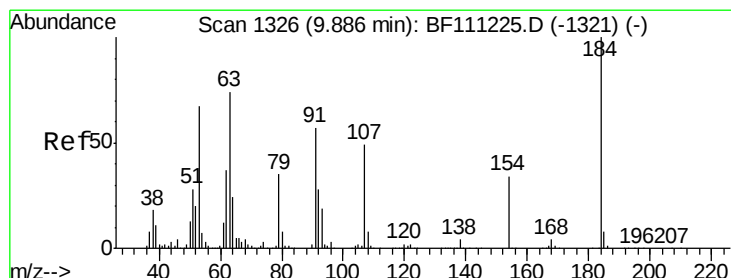
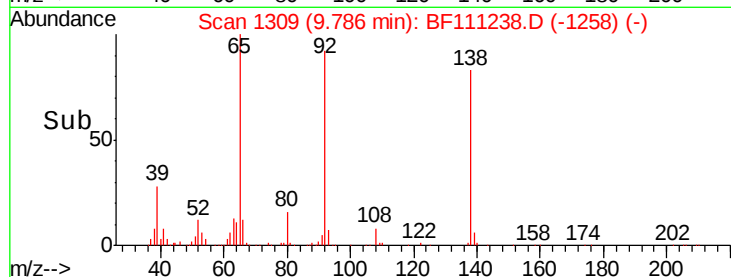
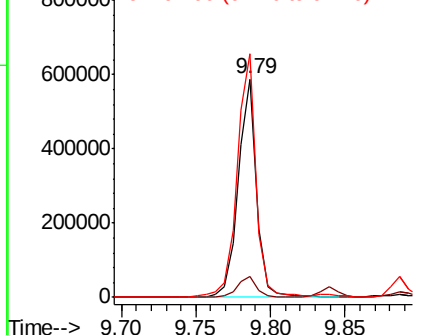


Abundance

Ion 138.00 (137.70 to 138.70): E

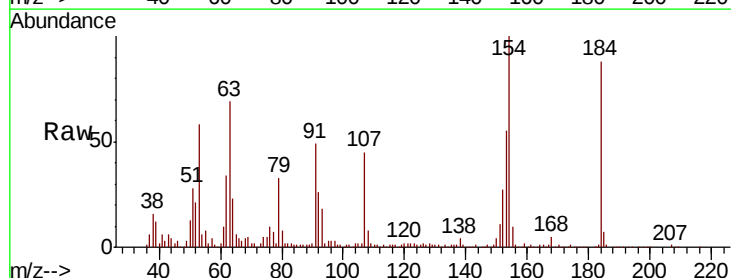
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 19.161 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	78.8	62.3	93.5
154	113.5	56.2	84.2#

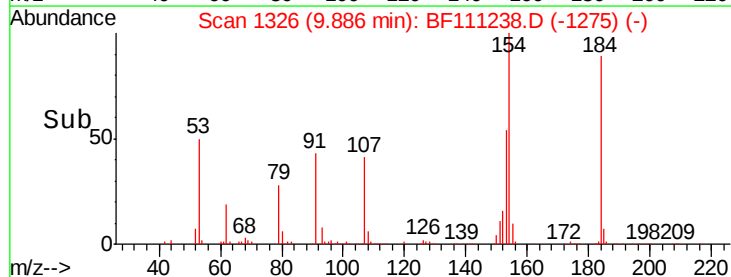
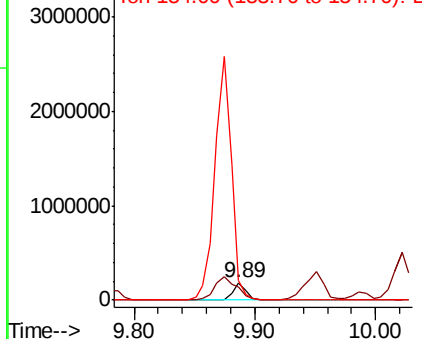


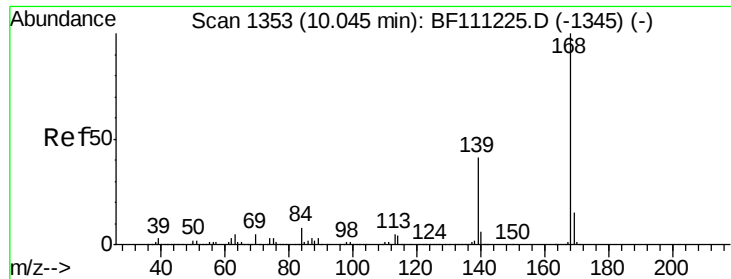
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





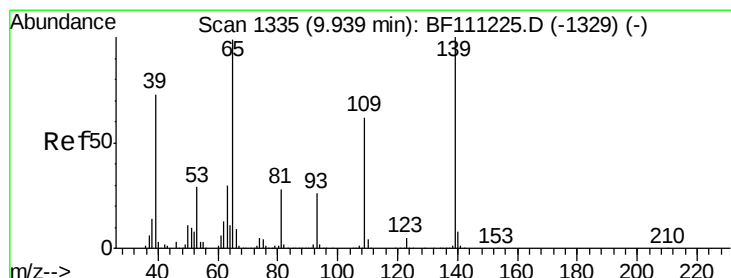
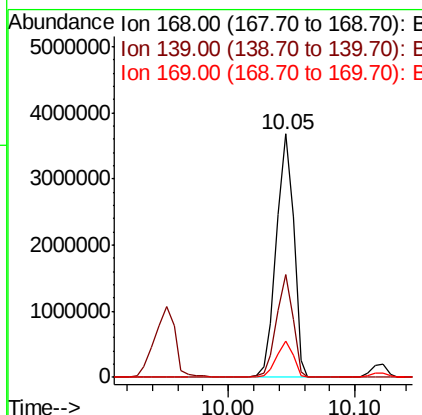
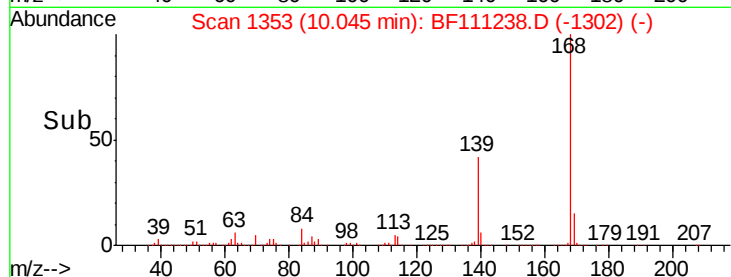
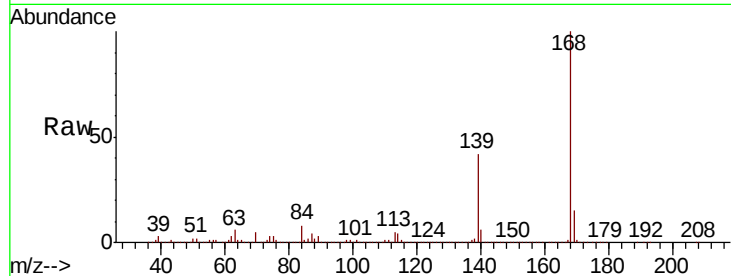
#55
Dibenzofuran
Concen: 36.316 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

Tot Ion:168 Resp: 3484600
Ion Ratio Lower Upper
168 100
139 42.0 32.6 49.0
169 15.0 11.8 17.6

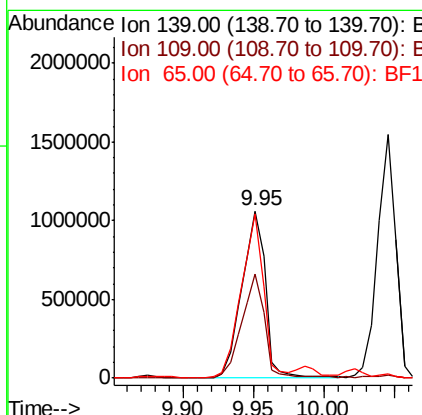
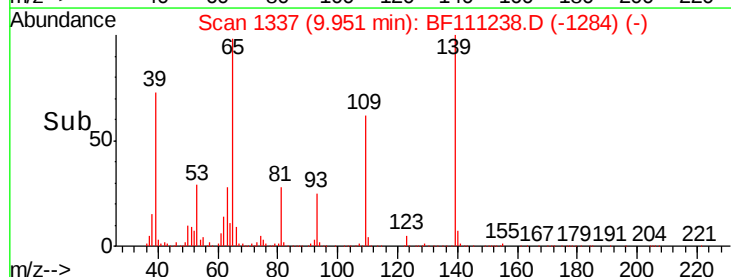
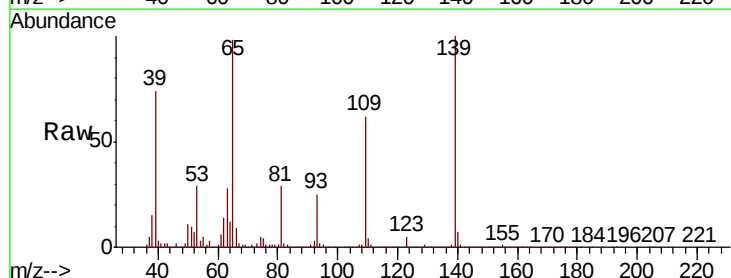
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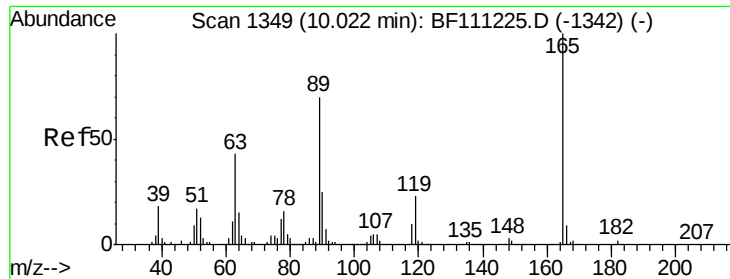
Sohil
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#56
4-Nitrophenol
Concen: 66.311 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion:139 Resp: 1229018
Ion Ratio Lower Upper
139 100
109 62.1 41.8 81.8
65 98.3 79.6 119.6





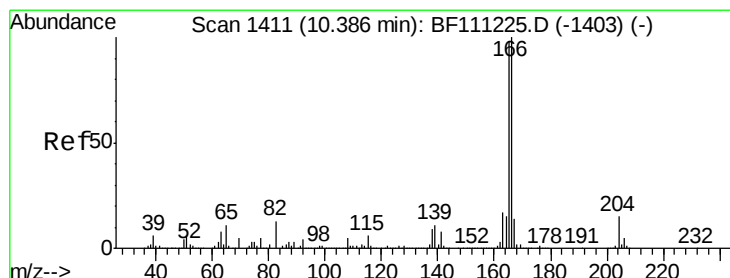
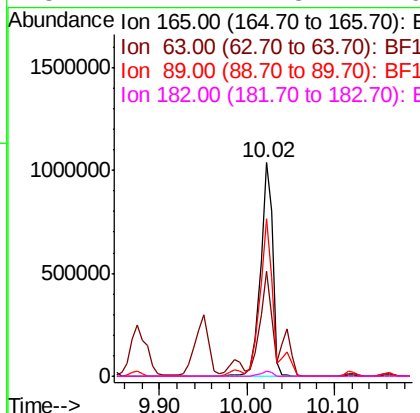
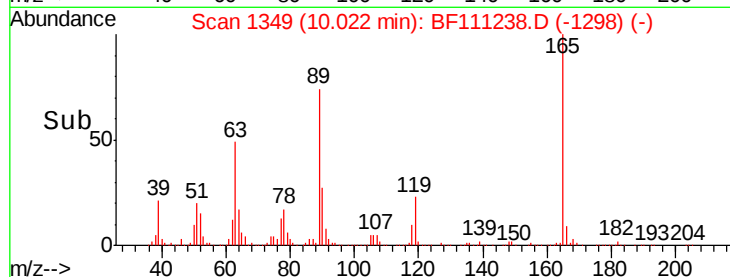
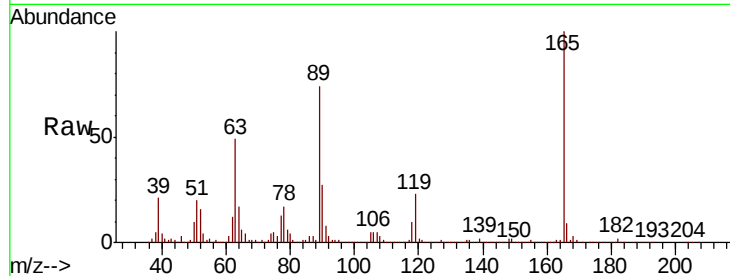
#57
2,4-Dinitrotoluene
Concen: 40.826 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.0	34.6	52.0
89	73.9	56.2	84.4
182	2.2	1.8	2.6

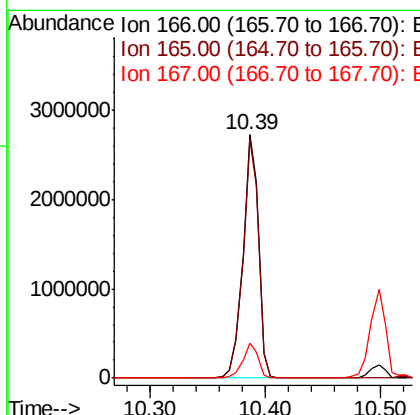
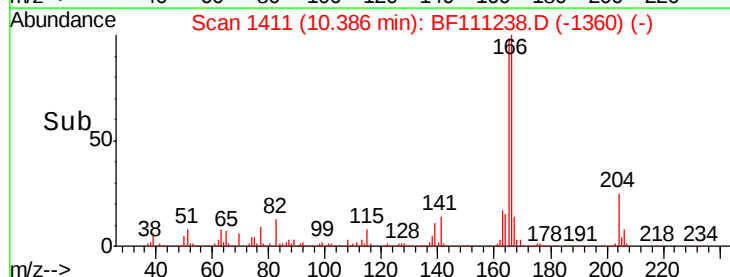
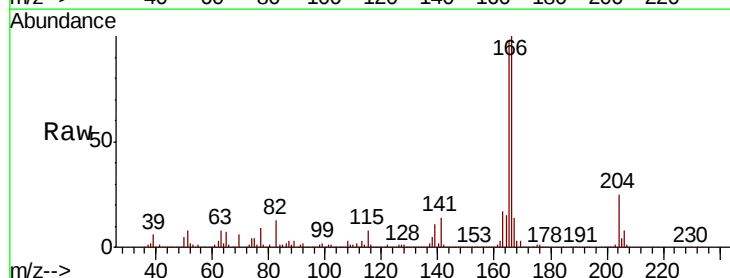
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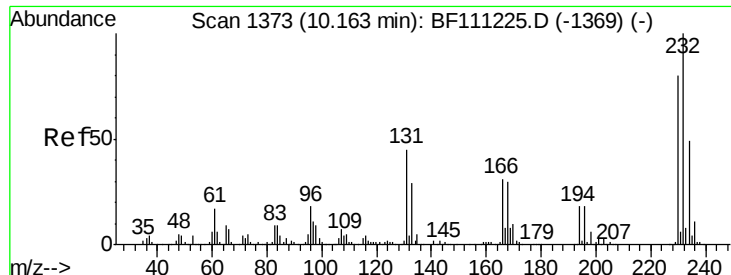
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#58
Fluorene
Concen: 34.164 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.4	117.6
167	14.2	11.2	16.8





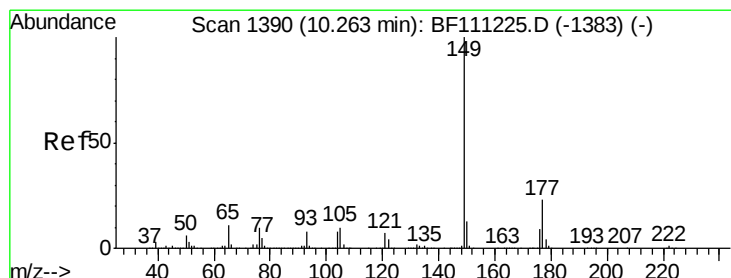
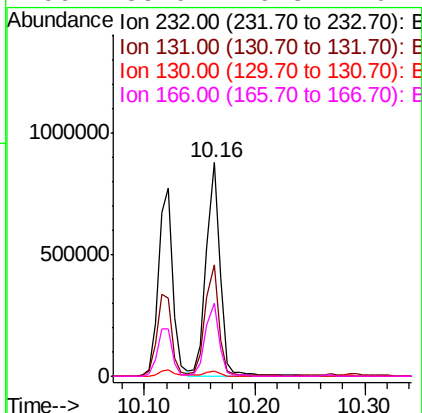
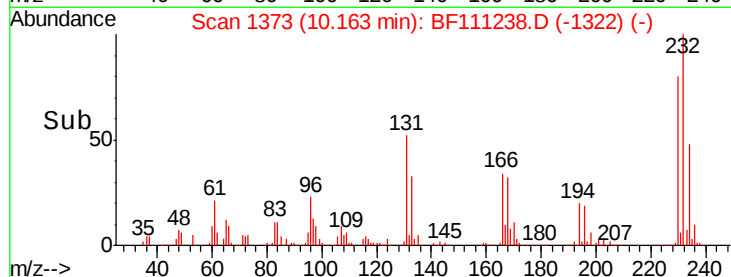
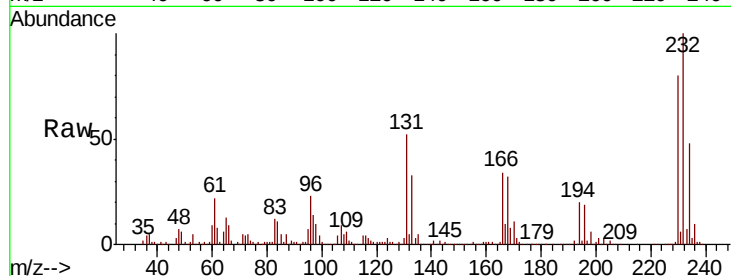
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.802 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.0	40.9	61.3
130	2.9	2.0	3.0
166	33.9	26.8	40.2

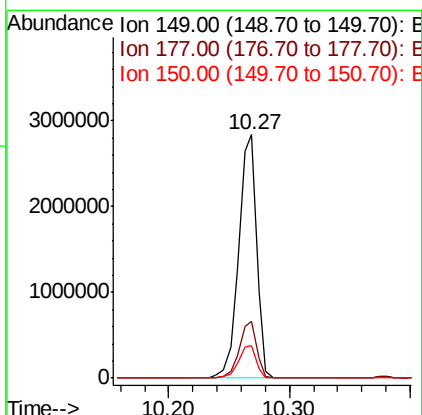
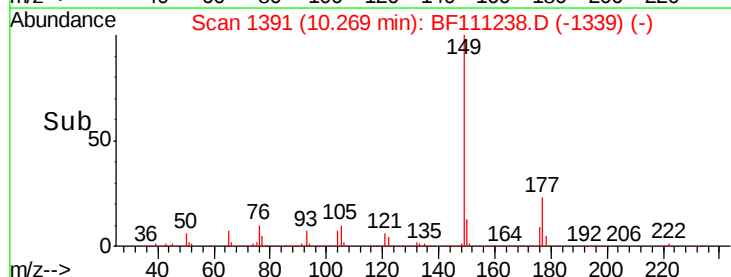
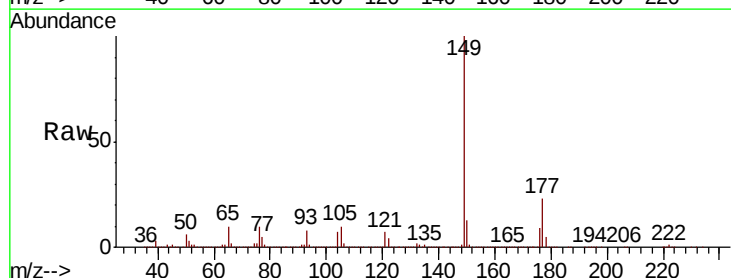
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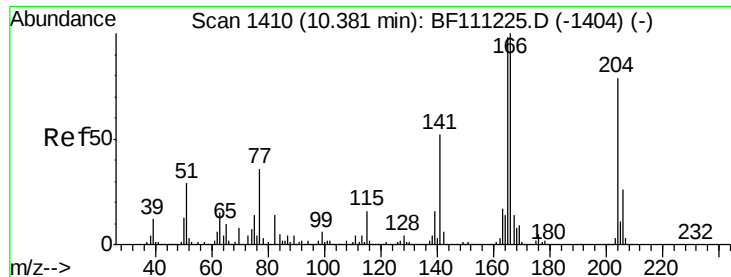
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#60
Diethylphthalate
Concen: 35.414 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	13.4	10.6	15.8





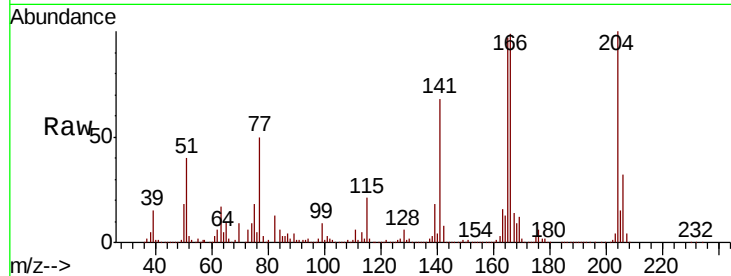
#61
4-Chlorophenyl-phenylether
Concen: 31.505 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

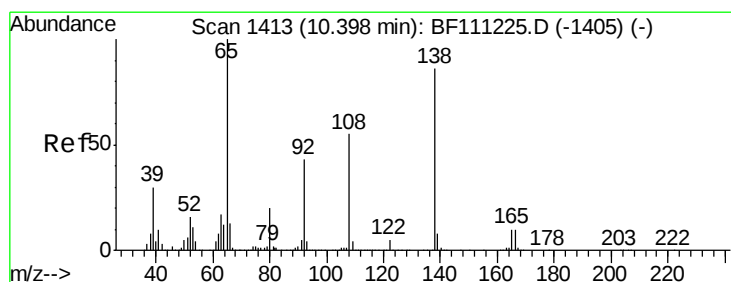
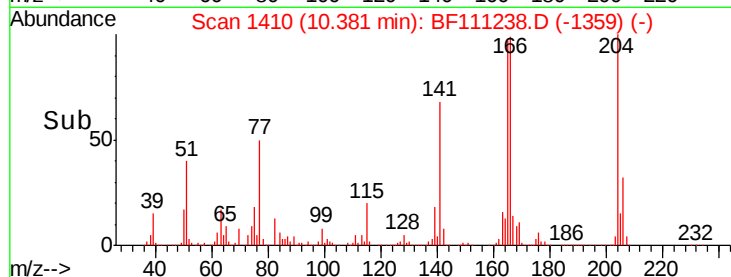
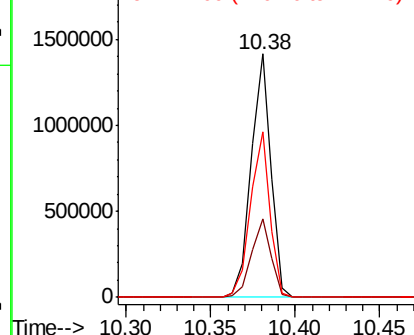
Tot Ion:204 Resp: 1161484
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 67.8 52.6 78.8

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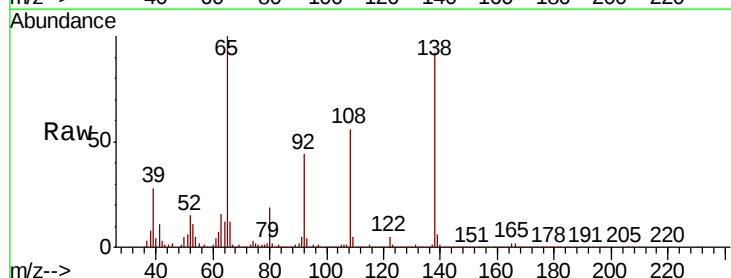


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

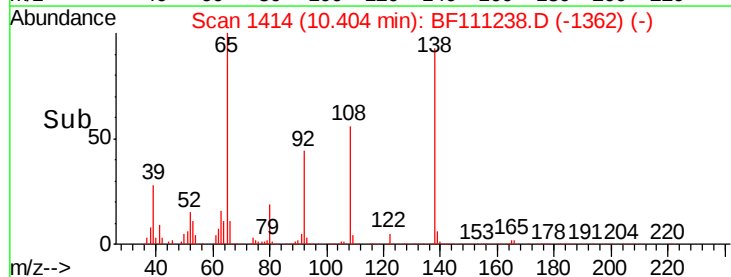
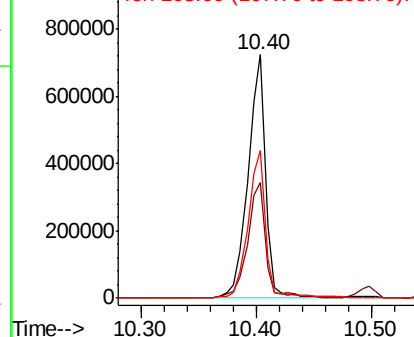


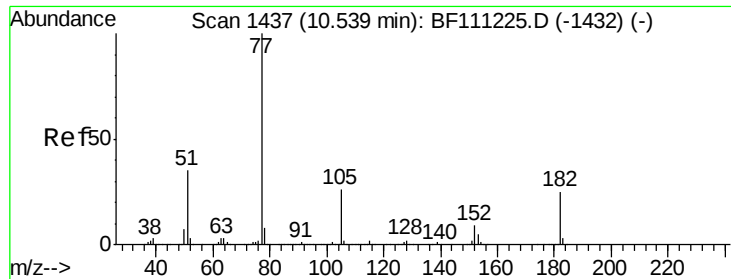
#62
4-Nitroaniline
Concen: 33.871 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion:138 Resp: 762668
Ion Ratio Lower Upper
138 100
92 47.5 29.9 69.9
108 60.9 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





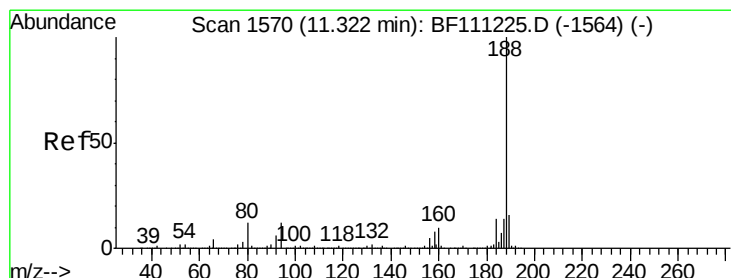
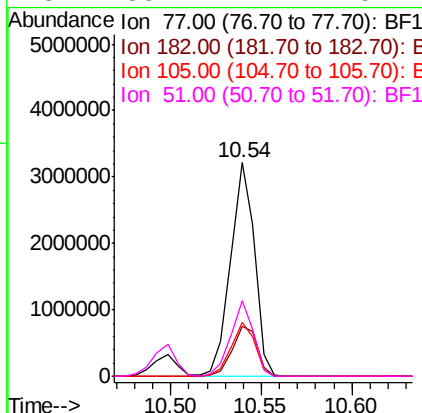
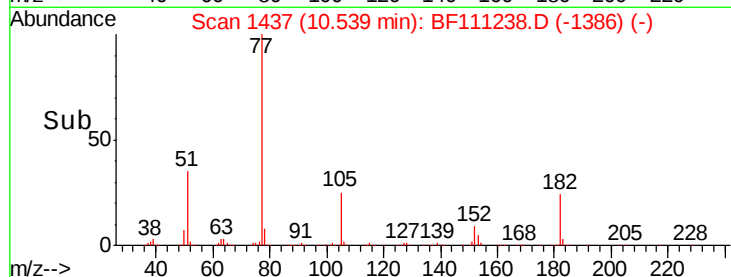
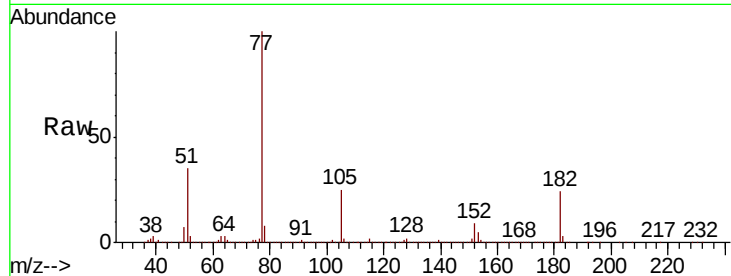
#63
Azobenzene
Concen: 34.335 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

Tot Ion:	77	Resp:	2966983
Ion	Ratio	Lower	Upper
77	100		
182	23.6	4.9	44.9
105	25.0	6.0	46.0
51	35.2	14.7	54.7

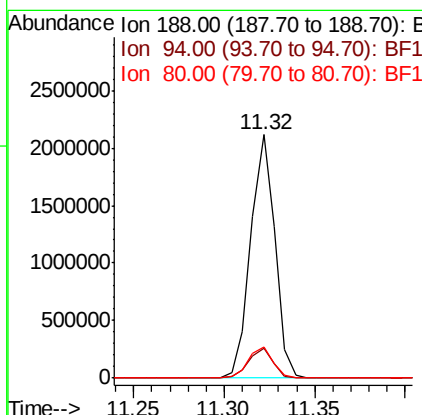
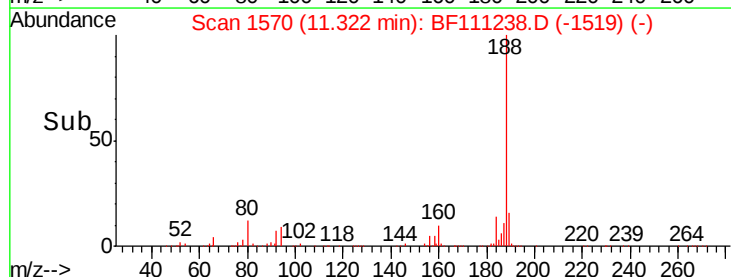
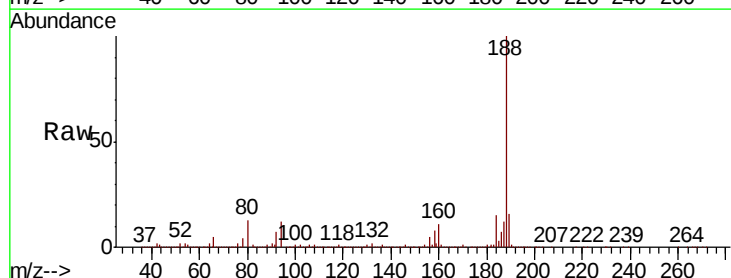
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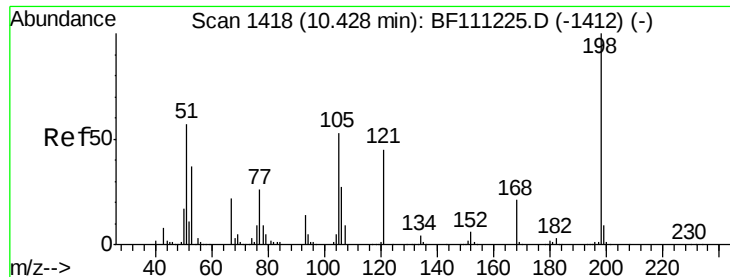
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion:	188	Resp:	1970109
Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.6	14.4
80	12.7	9.8	14.6





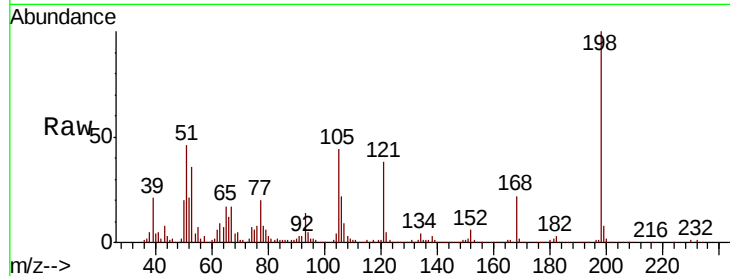
#65
4,6-Dinitro-2-methylphenol
Concen: 29.000 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

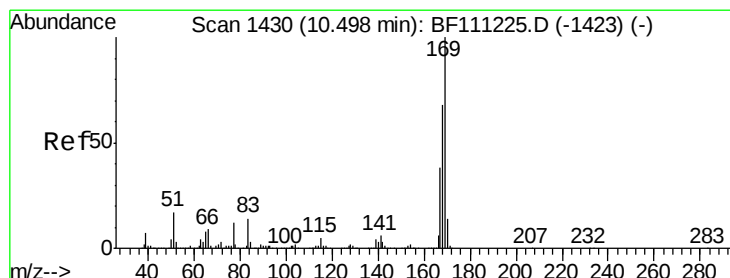
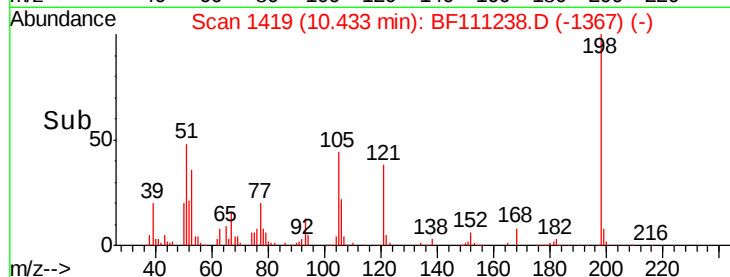
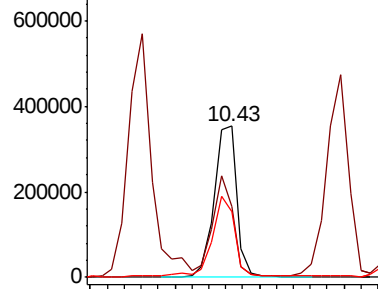
Tot Ion	Ratio	Resp	Lower	Upper
198	100	333575		
51	46.5	48.0	88.0#	
105	43.5	34.0	74.0	

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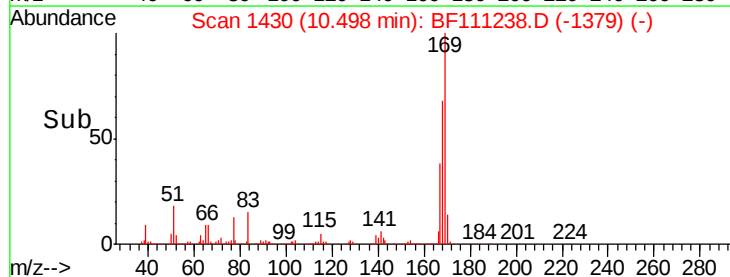
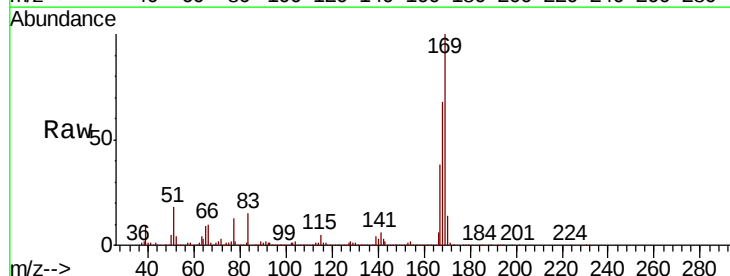
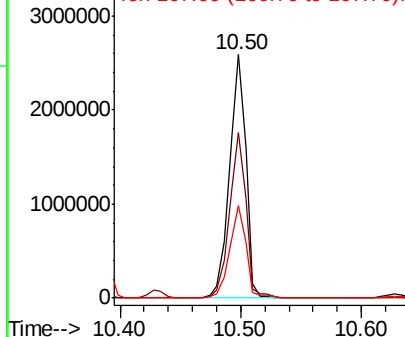
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

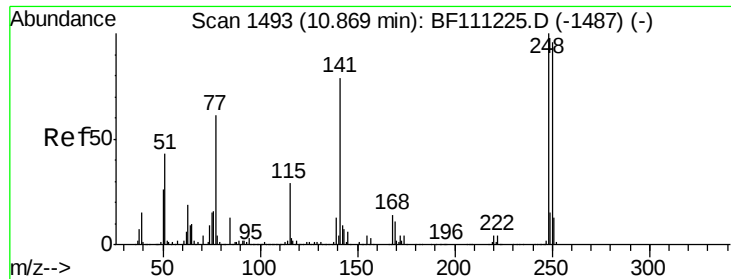


#66
n-Nitrosodiphenylamine
Concen: 36.300 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2434423		
168	68.1	54.4	81.6	
167	38.3	30.5	45.7	

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 35.046 ng

RT: 10.87 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

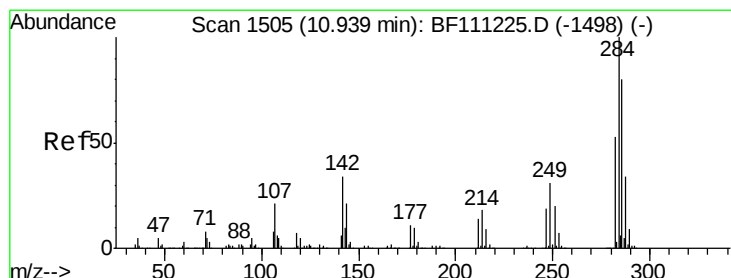
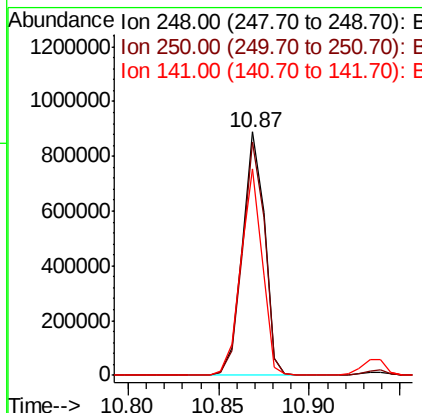
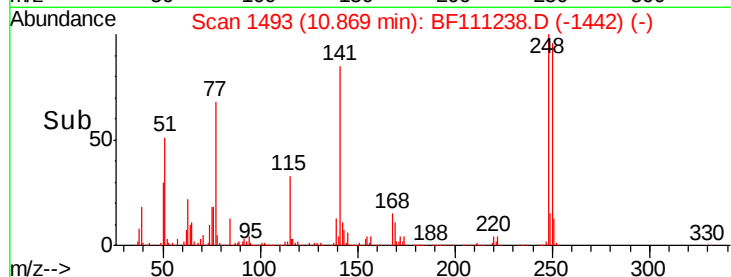
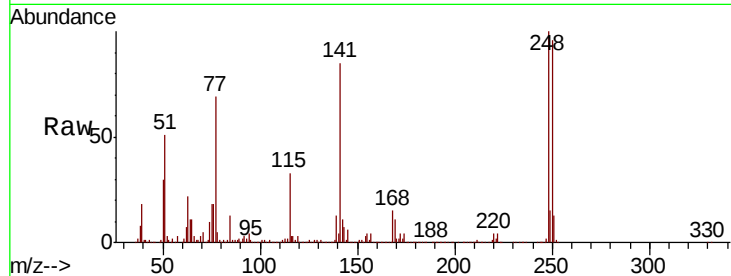
ClientSampleId :

USTS-1-2-3MS

Tot Ion:	248	Resp:	756226
Ion Ratio	Lower	Upper	
248	100		
250	96.1	77.0	115.4
141	84.7	63.0	94.6

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#68

Hexachlorobenzene

Concen: 34.784 ng

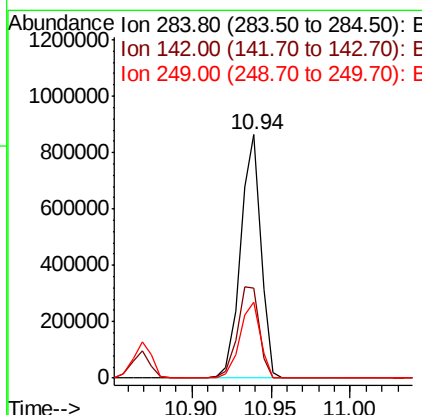
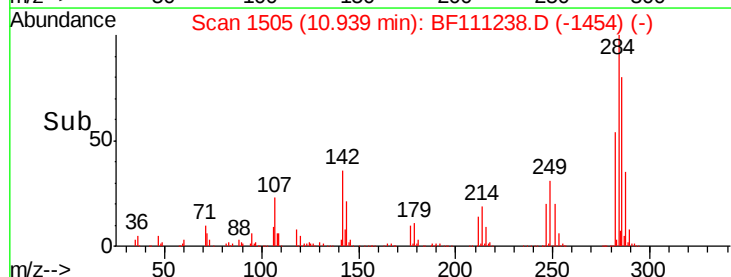
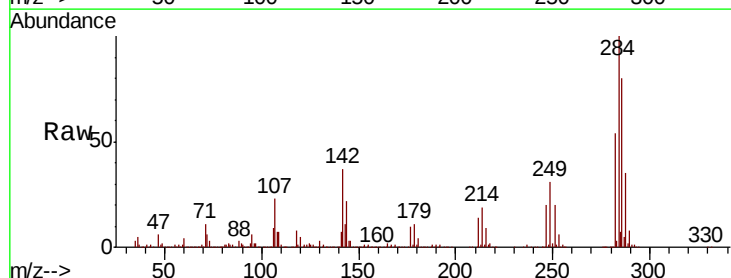
RT: 10.94 min Scan# 1505

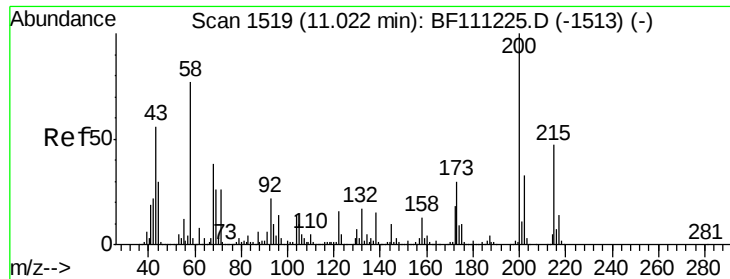
Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Tgt Ion:	284	Resp:	763541
Ion Ratio	Lower	Upper	
284	100		
142	36.8	27.4	41.2
249	31.4	24.4	36.6





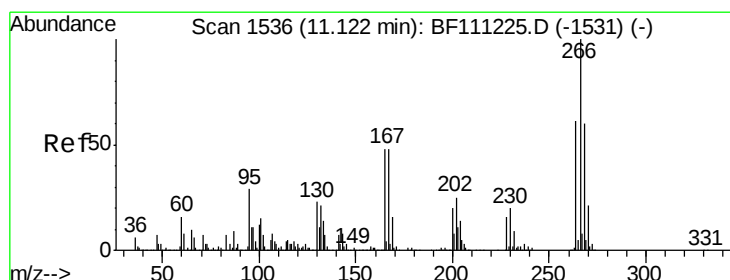
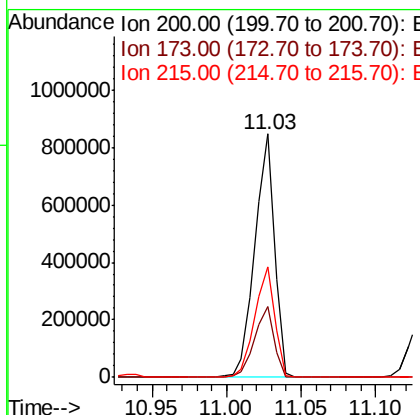
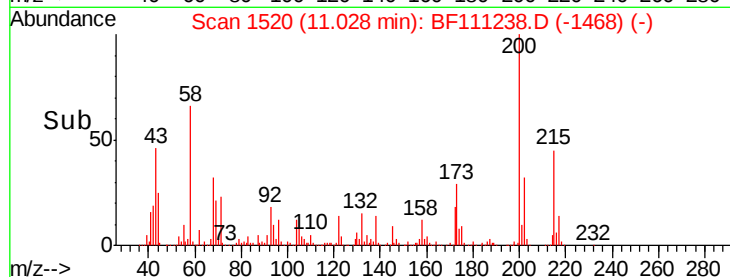
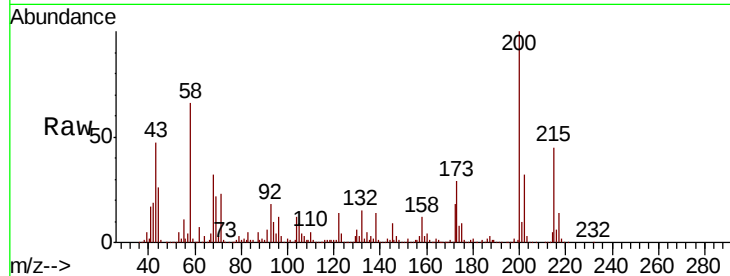
#69
Atrazine
Concen: 37.692 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.2	10.1	50.1
215	45.3	26.9	66.9

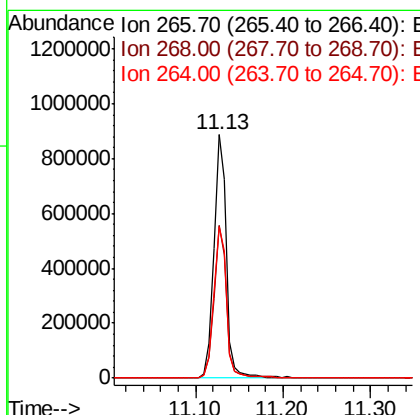
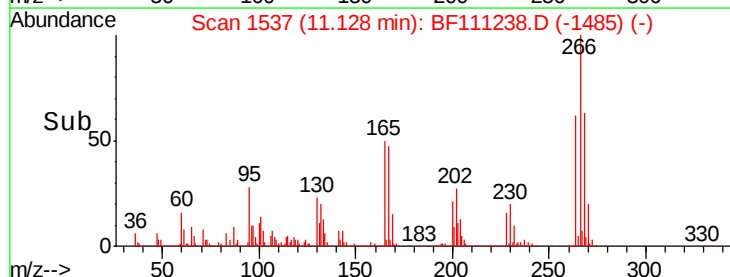
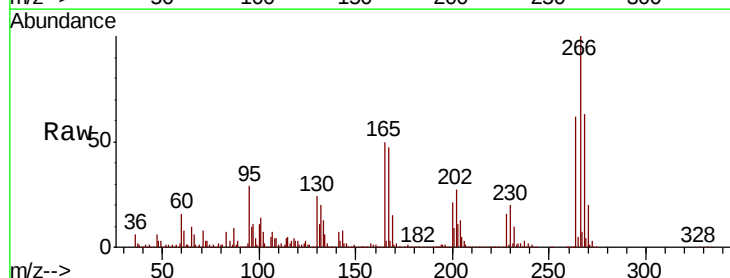
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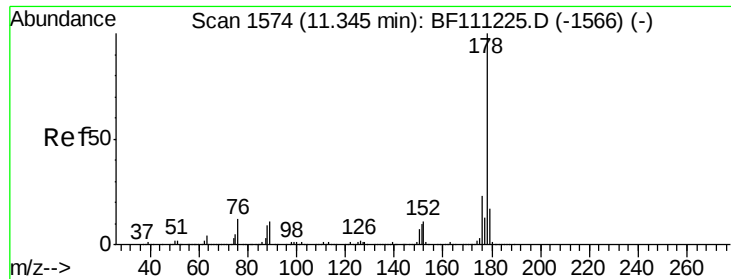
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#70
Pentachlorophenol
Concen: 55.638 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	47.9	71.9
264	62.2	49.1	73.7





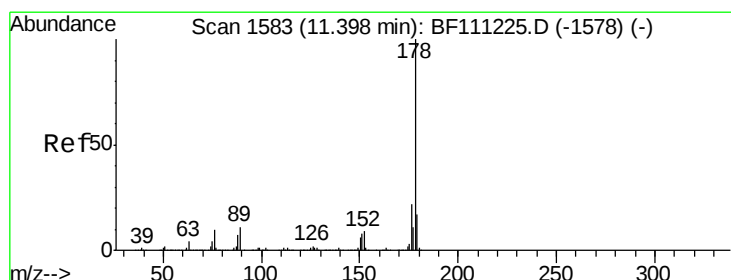
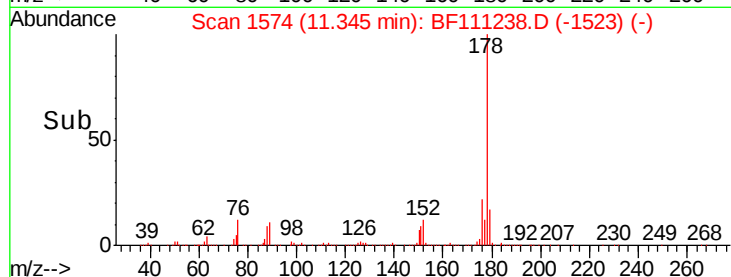
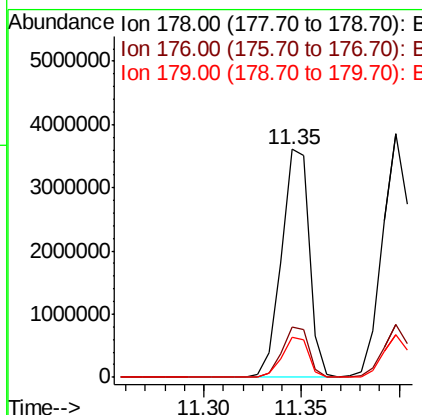
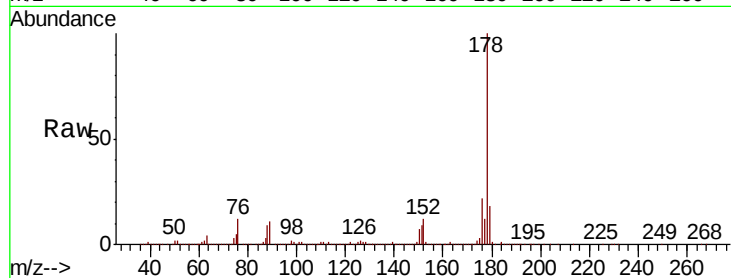
#71
Phenanthrene
Concen: 35.773 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

Tot Ion:178 Resp: 3554760
Ion Ratio Lower Upper
178 100
176 22.0 18.1 27.1
179 17.5 14.0 21.0

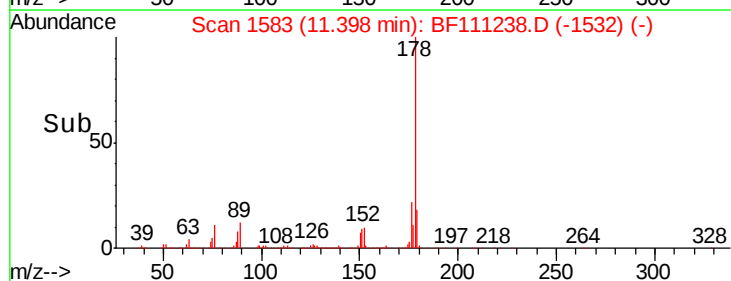
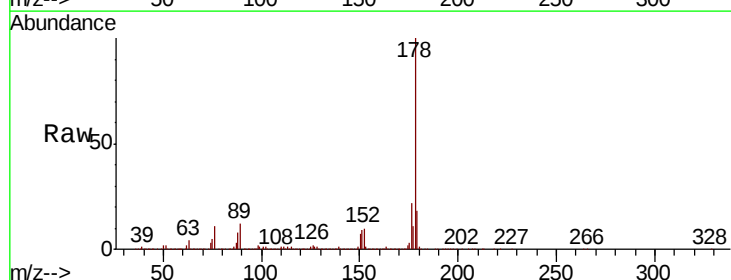
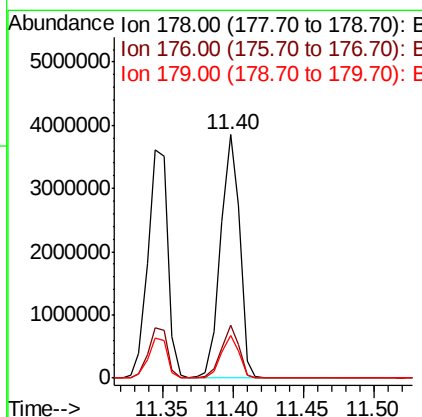
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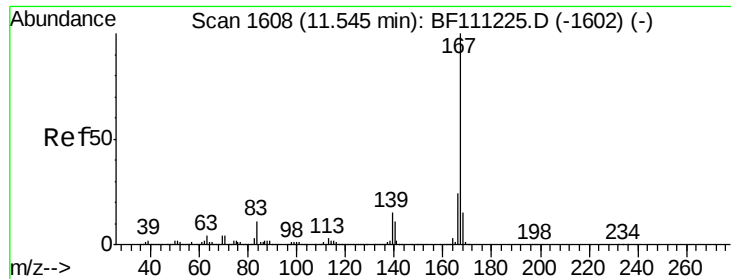
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#72
Anthracene
Concen: 34.721 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion:178 Resp: 3609678
Ion Ratio Lower Upper
178 100
176 21.7 17.2 25.8
179 17.8 13.8 20.8





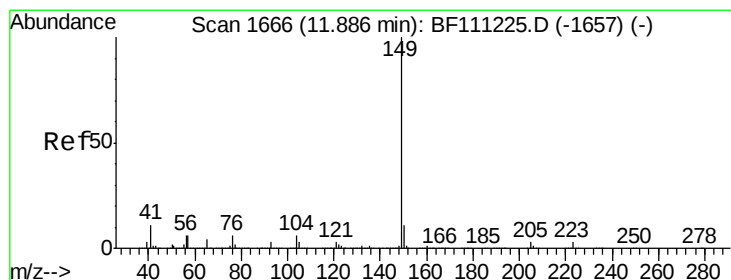
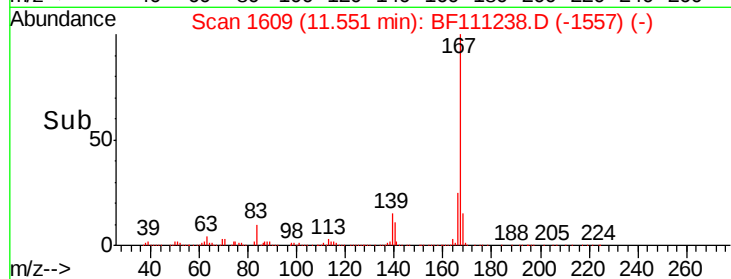
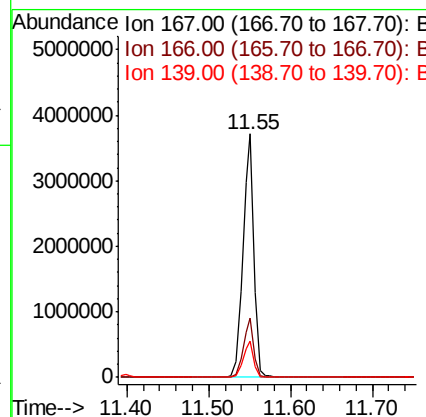
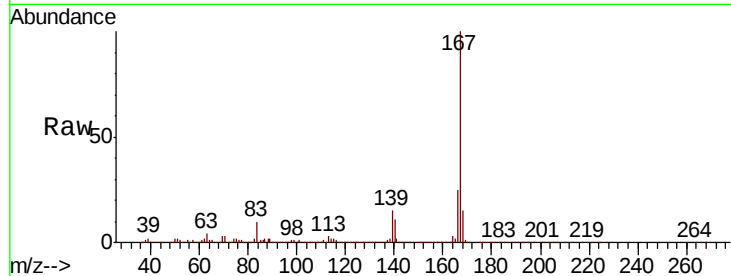
#73
 Carbazole
 Concen: 31.817 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.6	19.3	28.9
139	14.8	11.9	17.9

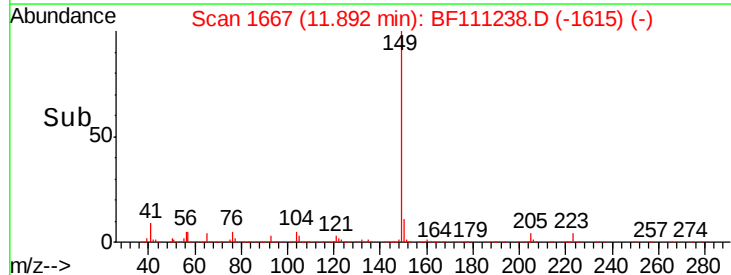
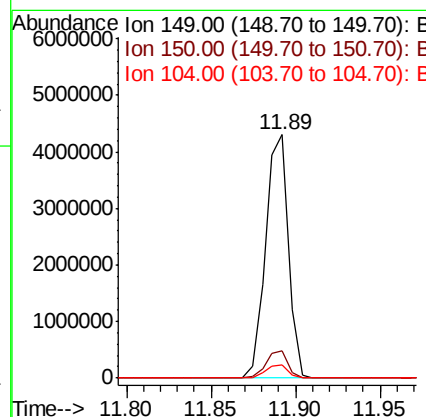
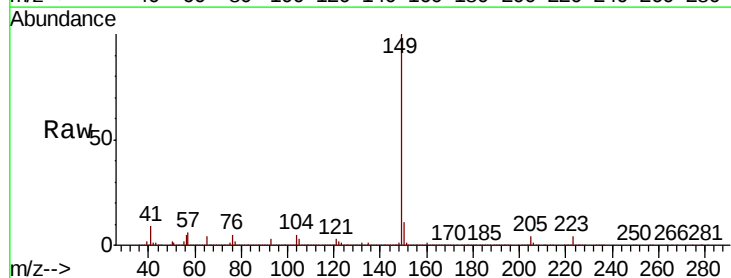
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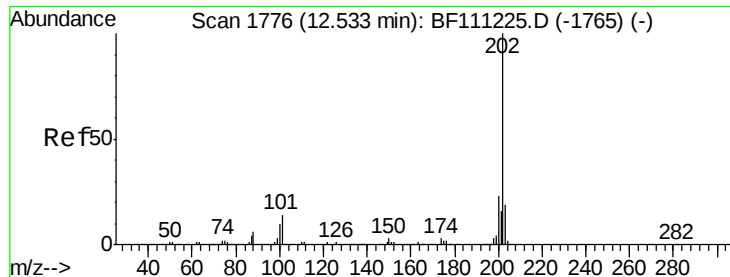
Sohil
 12/11/2018 8:42:27 AM



#74
 Di-n-butylphthalate
 Concen: 36.064 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.0	8.8	13.2
104	5.3	4.5	6.7





#75

Fluoranthene

Concen: 37.482 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

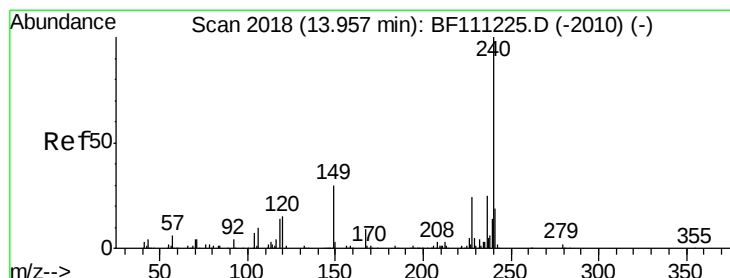
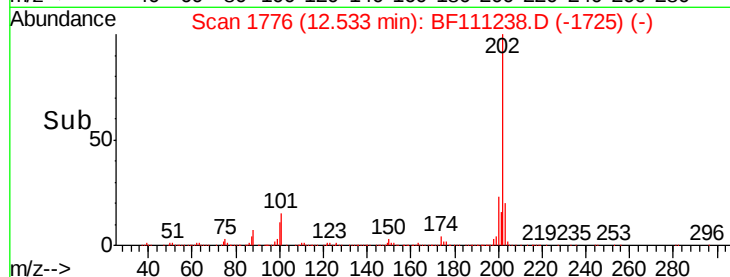
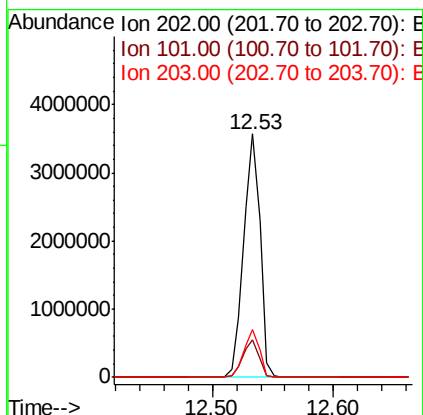
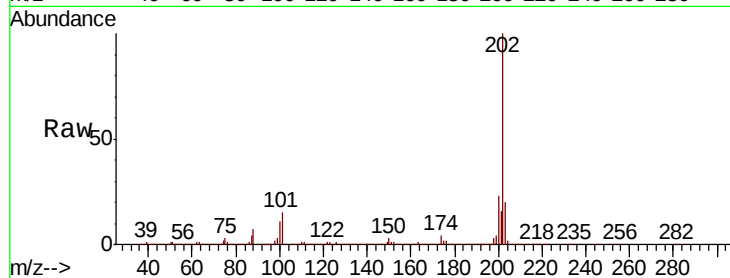
ClientSampleId :

USTS-1-2-3MS

Tot Ion:	202	Resp:	3402402
Ion Ratio	Lower	Upper	
202	100		
101	15.4	0.0	33.8
203	19.7	0.0	38.6

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#76

Chrysene-d12

Concen: 20.000 ng

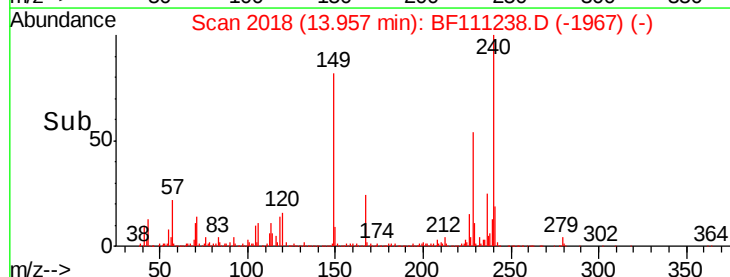
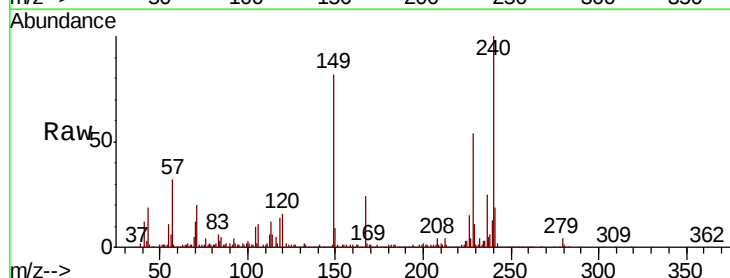
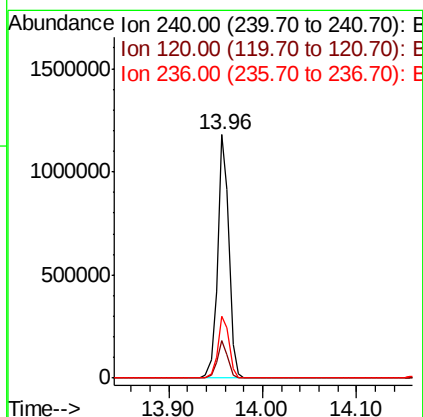
RT: 13.96 min Scan# 2018

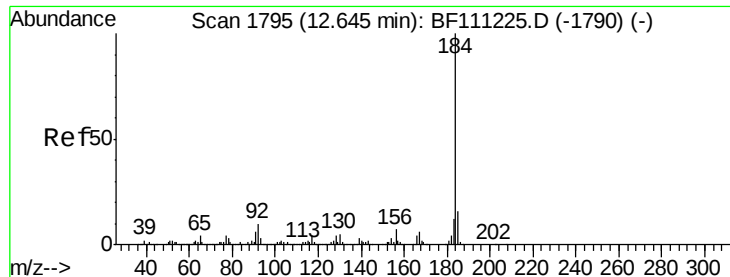
Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Tgt Ion:	240	Resp:	992983
Ion Ratio	Lower	Upper	
240	100		
120	15.6	12.2	18.2
236	25.3	20.2	30.2





#77

Benzidine

Concen: 12.259 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MS

Tot Ion:184 Resp: 361439

Ion Ratio Lower Upper

184 100

185 15.6 13.0 19.6

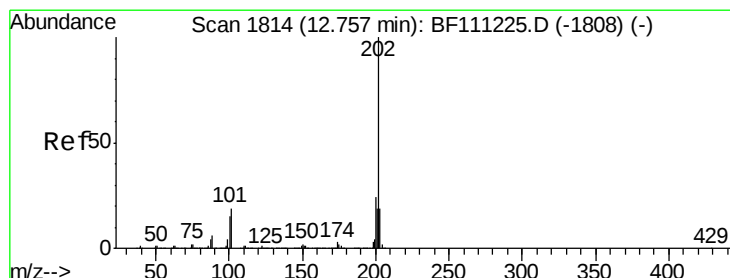
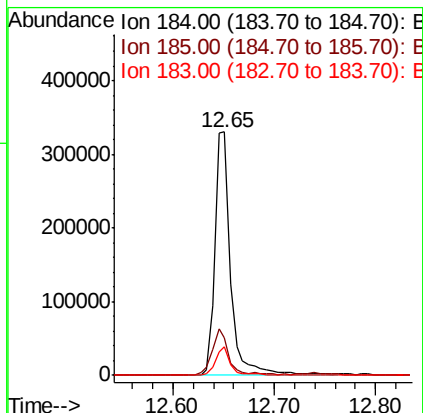
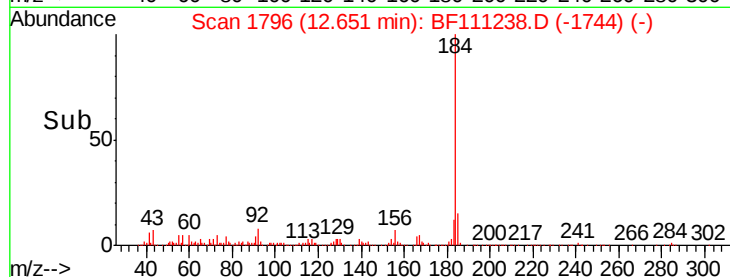
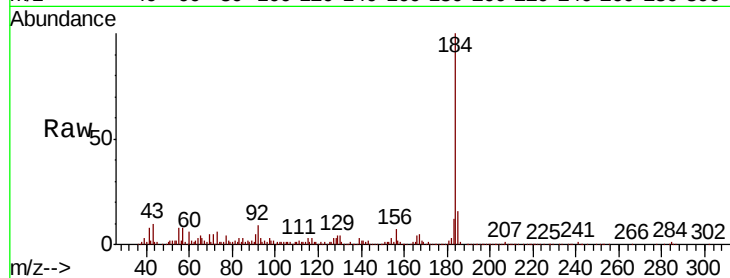
183 11.7 9.3 13.9

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#78

Pyrene

Concen: 47.522 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

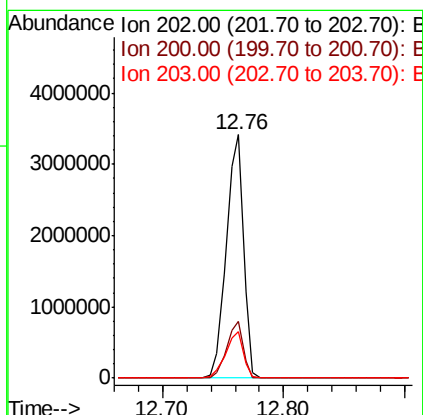
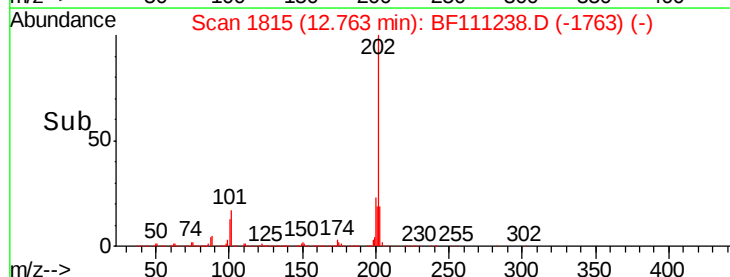
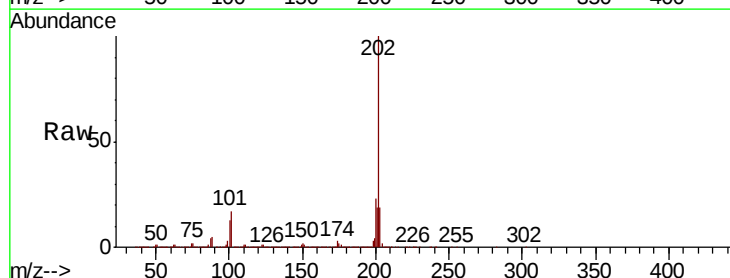
Tgt Ion:202 Resp: 3372147

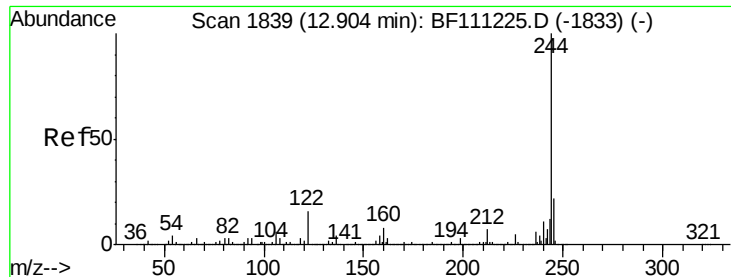
Ion Ratio Lower Upper

202 100

200 23.3 19.0 28.4

203 19.2 15.2 22.8





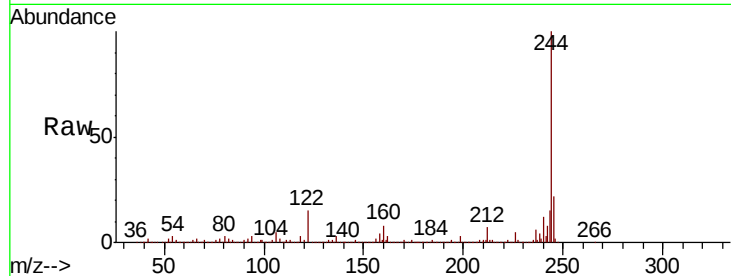
#79
 Terphenyl-d14
 Concen: 90.639 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	14.6	13.1	19.7

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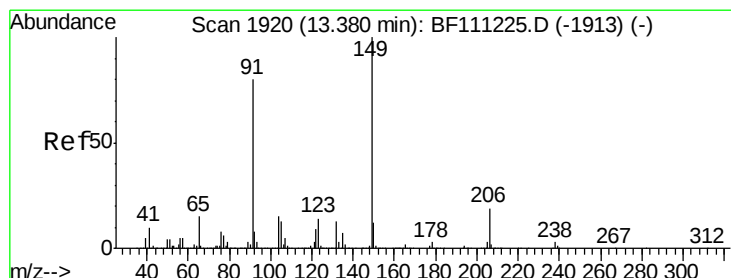
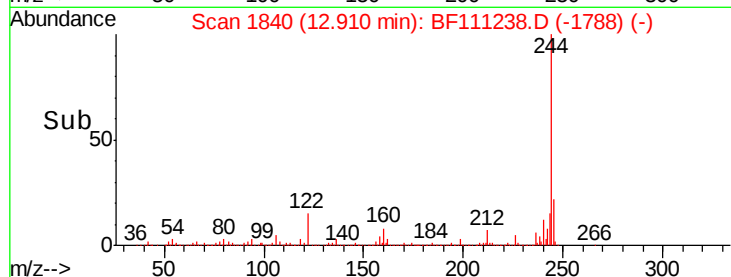
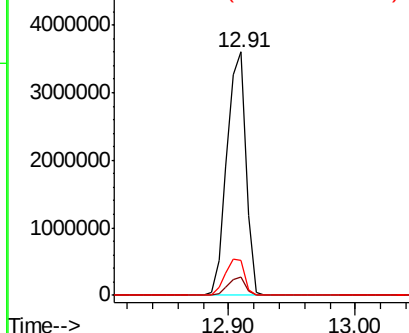


Abundance

Ion 244.00 (243.70 to 244.70): E

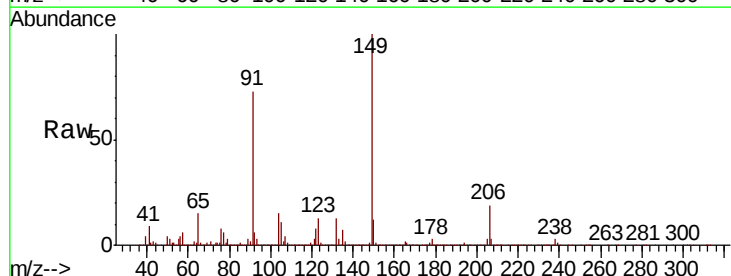
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 41.967 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.4	63.8	95.6
206	19.5	15.1	22.7

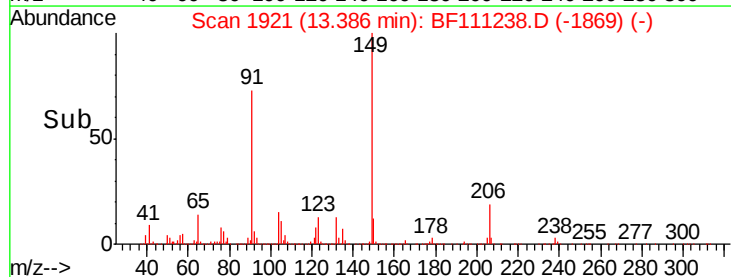
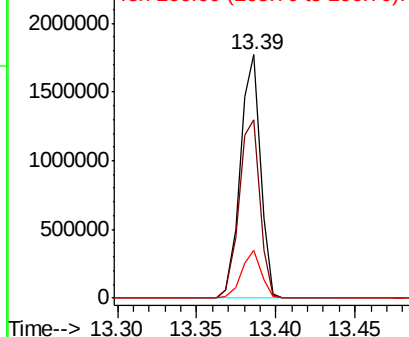


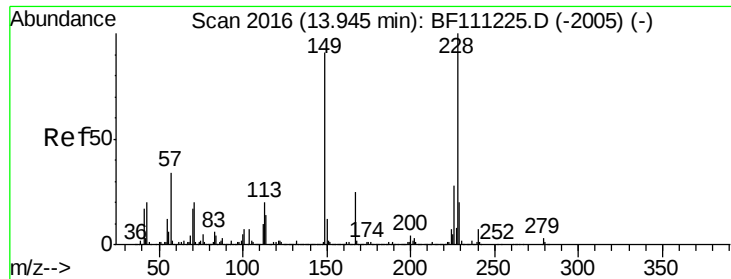
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.532 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MS

Tot Ion:228 Resp: 2189981

Ion Ratio Lower Upper

228 100

226 28.7 22.6 34.0

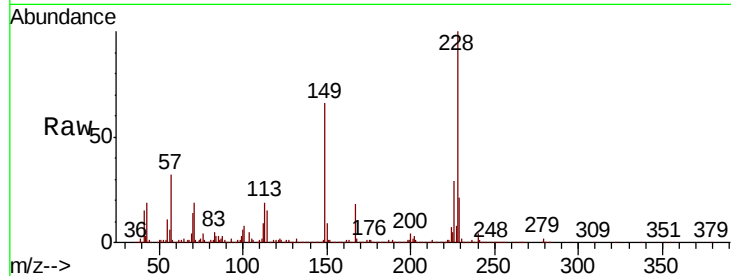
229 20.8 16.3 24.5

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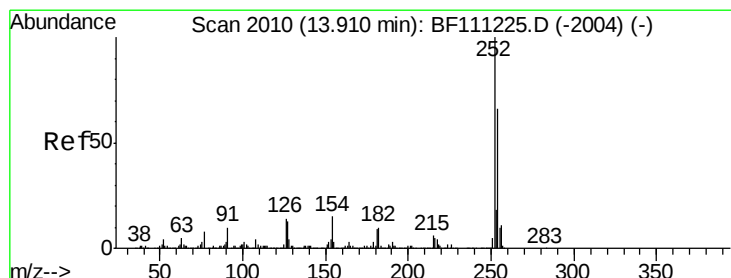
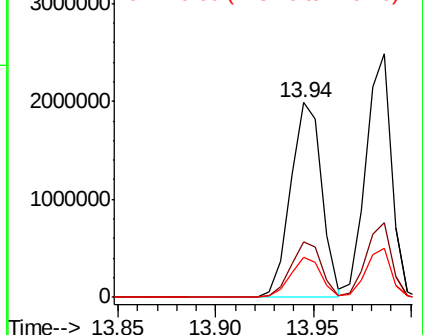
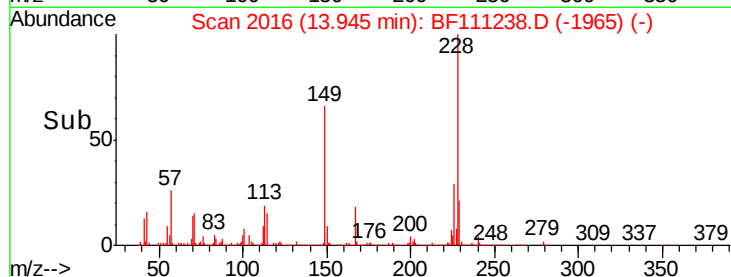


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.181 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

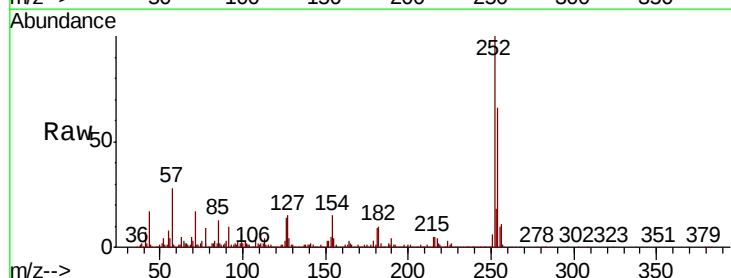
Tgt Ion:252 Resp: 435525

Ion Ratio Lower Upper

252 100

254 66.2 52.7 79.1

126 14.3 11.1 16.7

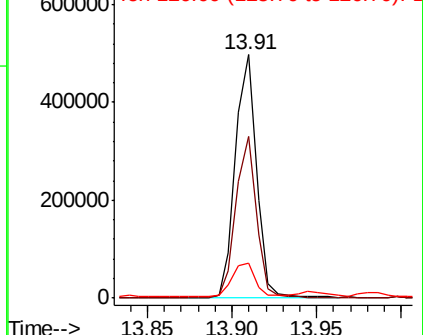
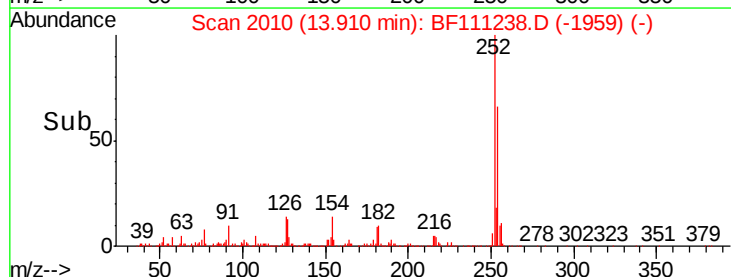


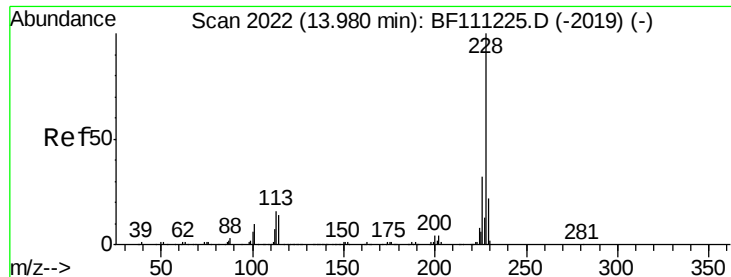
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





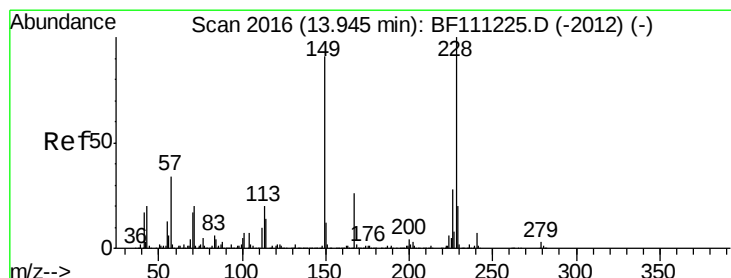
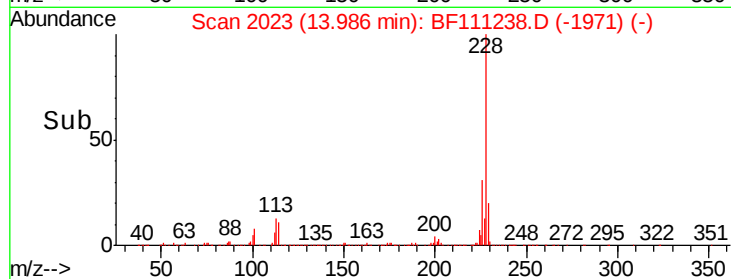
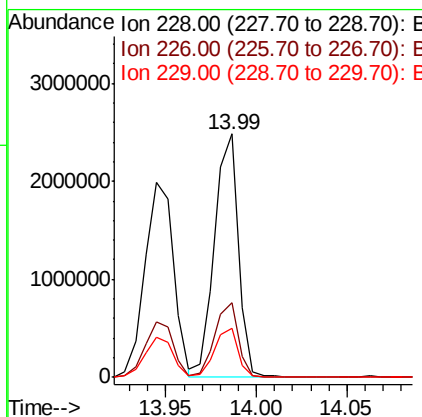
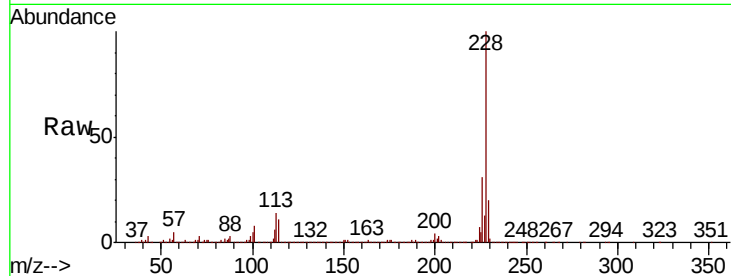
#83
Chrvsene
Concen: 39.734 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.3	37.9
229	20.1	17.2	25.8

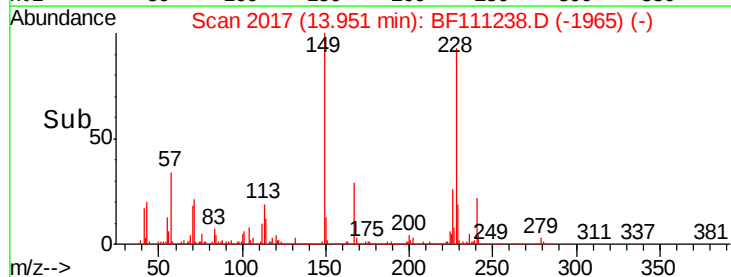
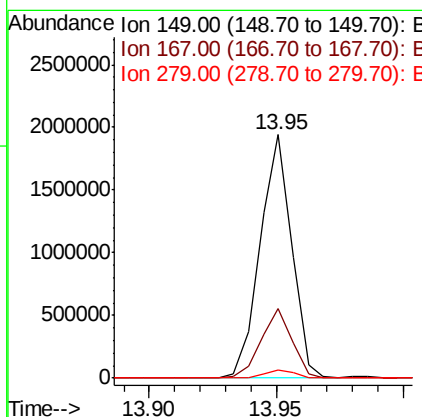
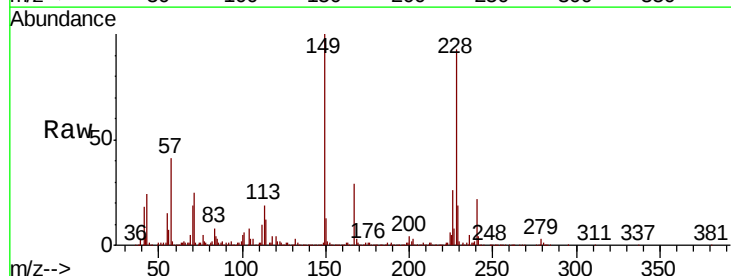
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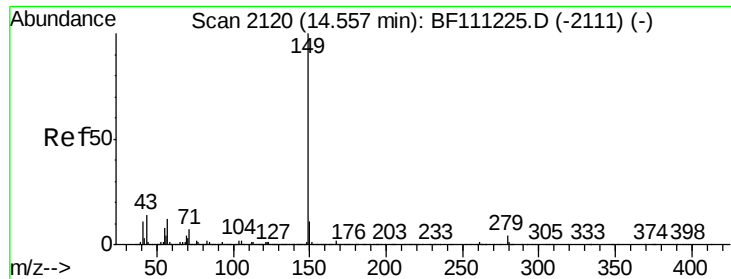
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.997 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.5	33.7
279	3.3	2.6	4.0





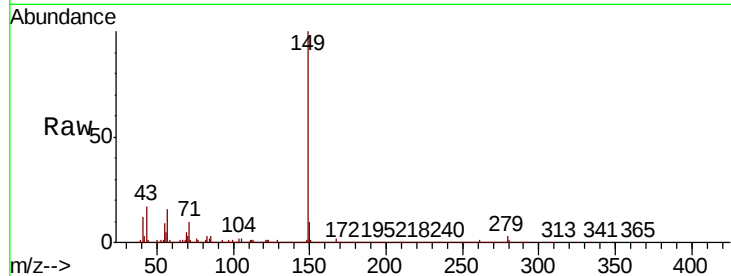
#85
Di-n-octyl phthalate
Concen: 38.731 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.3	10.9	16.3

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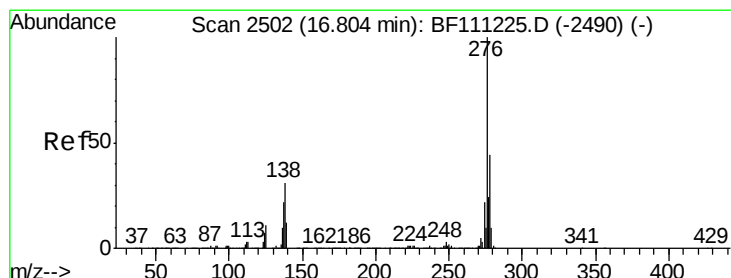
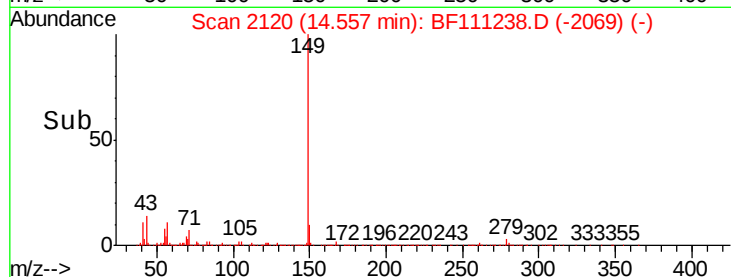
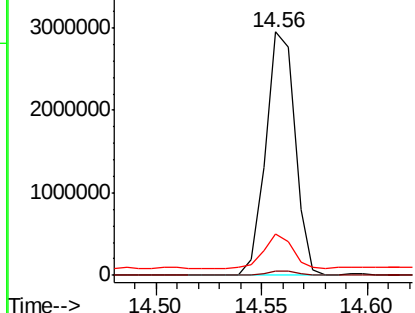


Abundance

Ion 149.00 (148.70 to 149.70): E

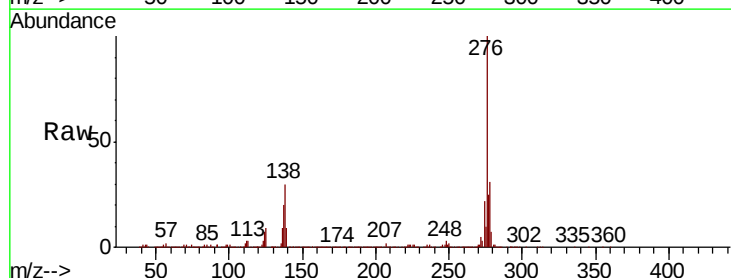
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 55.952 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.7	27.8	41.6
277	24.5	20.1	30.1

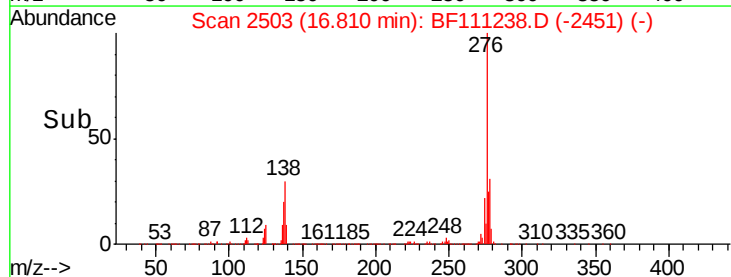
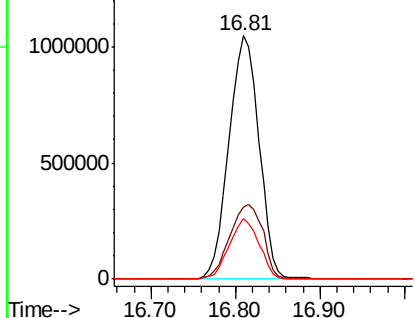


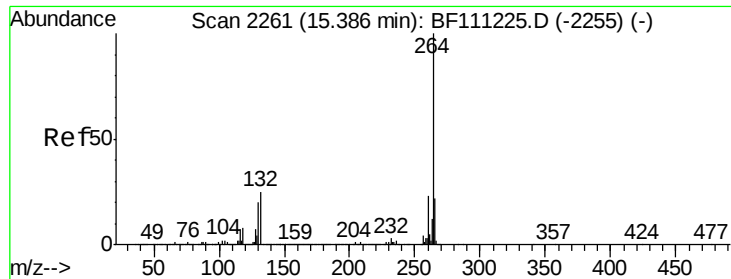
Abundance

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





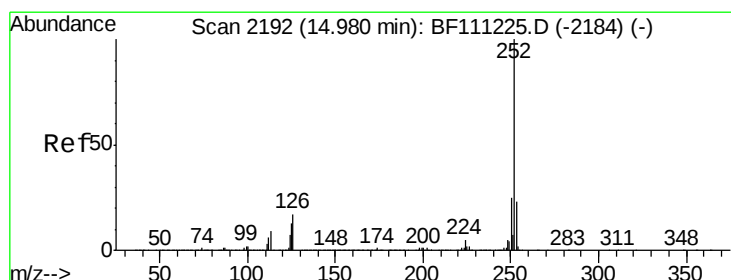
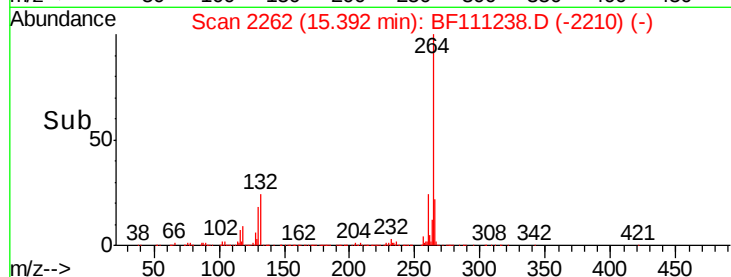
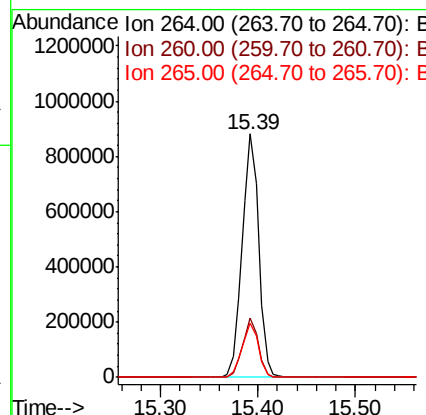
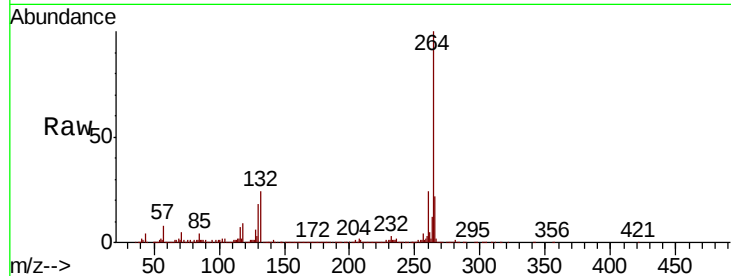
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.3	27.5
265	22.4	17.7	26.5

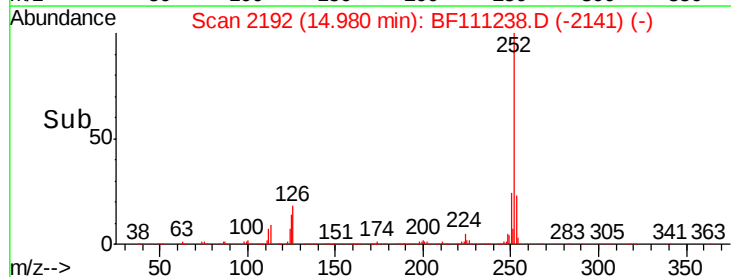
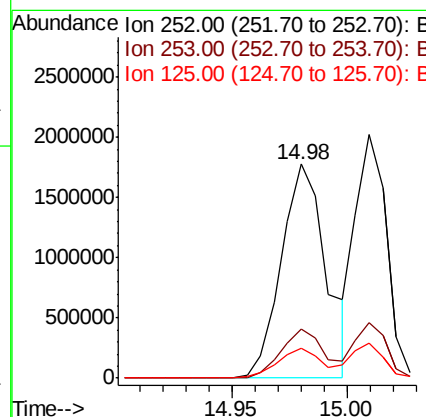
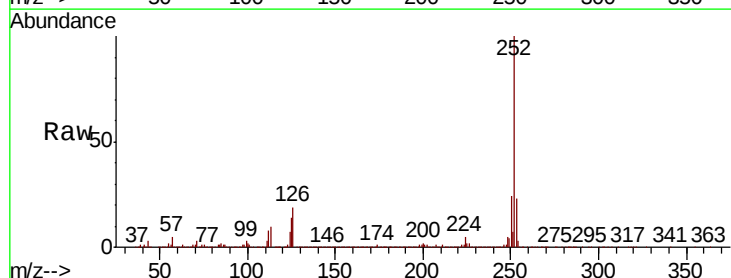
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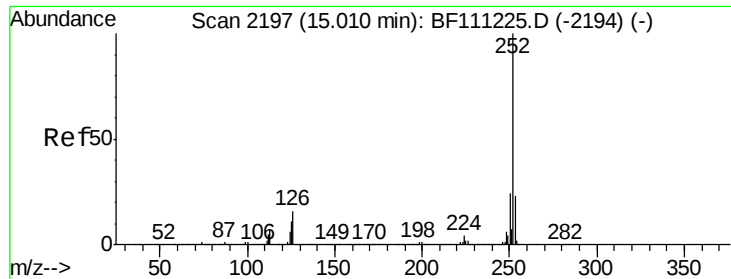
Sohil
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#88
Benzo(b)fluoranthene
Concen: 41.514 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	13.9	10.4	15.6





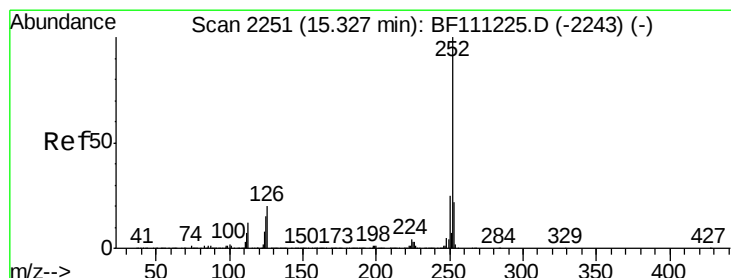
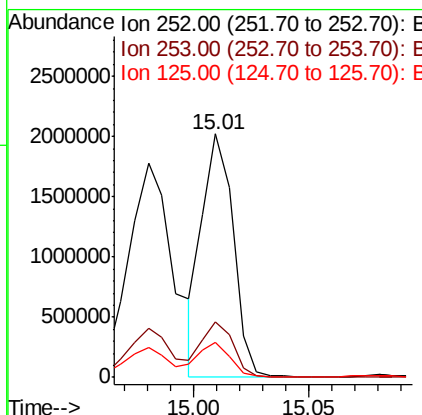
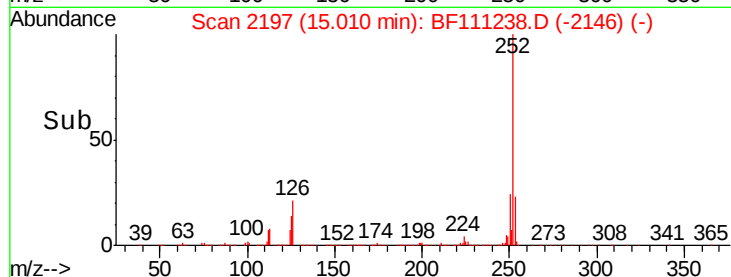
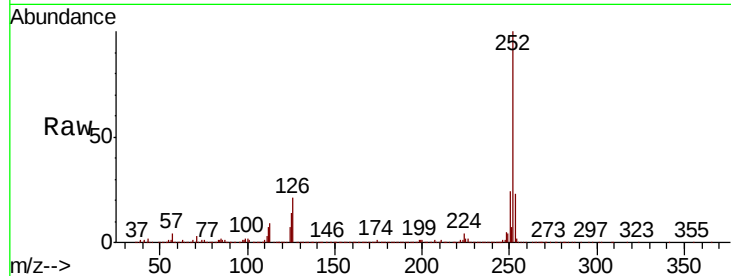
#89
Benzo(k)fluoranthene
Concen: 34.859 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

Tot Ion:252 Resp: 1887721
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 14.4 9.8 14.8

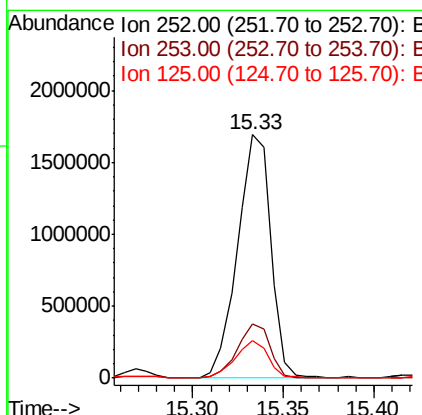
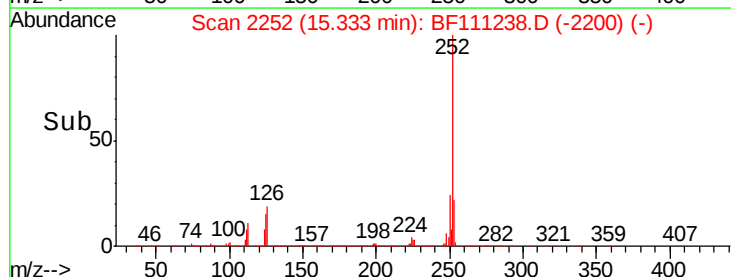
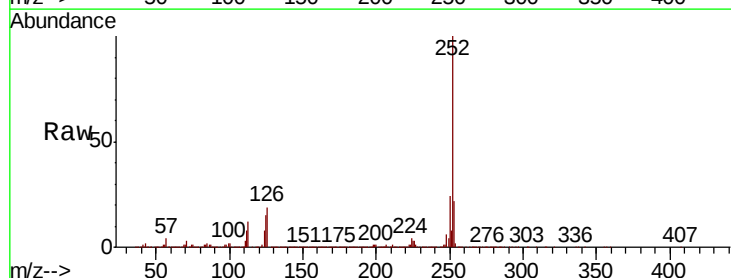
Manual Integrations
APPROVED

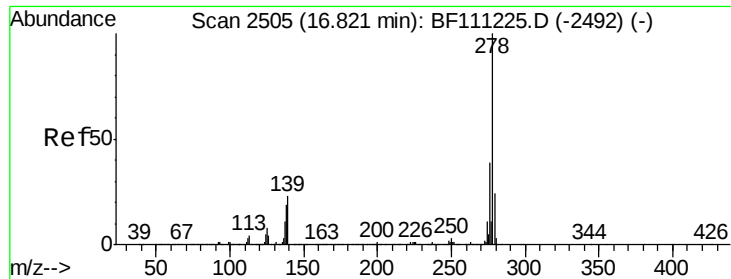
Sohil
12/11/2018 8:42:27 AM



#90
Benzo(a)pyrene
Concen: 40.619 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion:252 Resp: 2154451
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 15.2 12.3 18.5





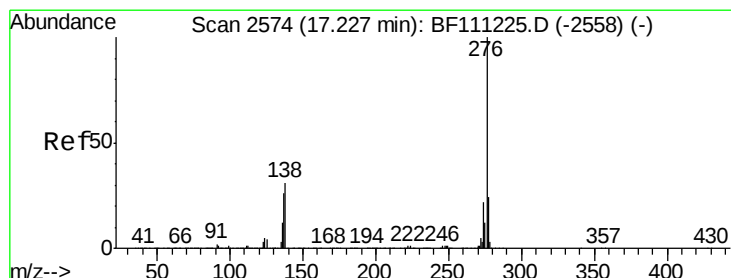
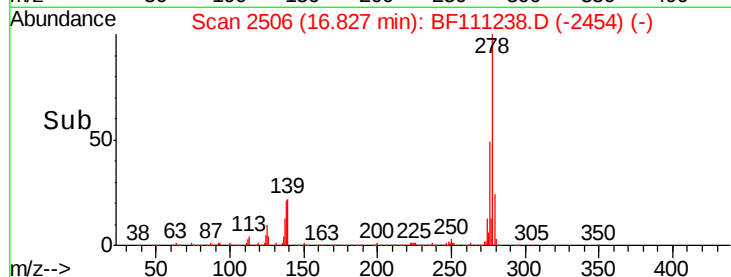
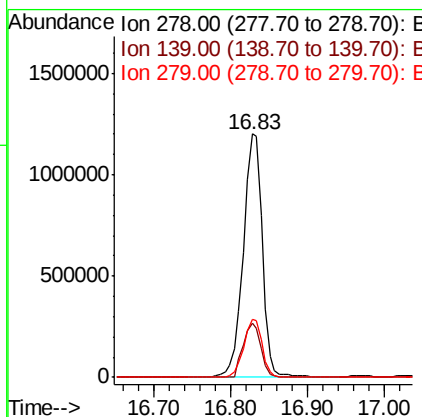
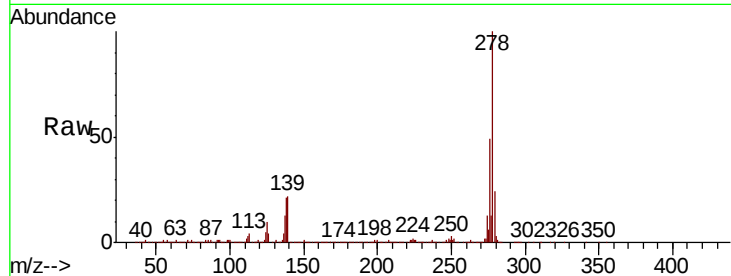
#91
Dibenzo(a,h)anthracene
Concen: 49.888 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.4	18.2	27.4
279	24.0	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/11/2018 8:42:27 AM



#92
Benzo(g,h,i)perylene
Concen: 54.048 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	29.8	24.9	37.3

