

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111044.D
 Acq On : 28 Nov 2018 14:38
 Operator : JU/SJ
 Sample : J6065-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 11/29/2018 1:58:16 PM

Quant Time: Nov 28 15:48:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	57681	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	230462	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	110428	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	193478	20.00	ng	0.00
76) Chrysene-d12	14.13	240	113130	20.00	ng	0.00
87) Perylene-d12	15.66	264	114387	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	447073	128.53	ng	0.01
7) Phenol-d6	6.57	99	554670	122.37	ng	0.00
23) Nitrobenzene-d5	7.50	82	340710	84.61	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	130715	119.19	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	578839	75.94	ng	0.00
79) Terphenyl-d14	13.05	244	445557	76.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	44517	26.714	ng	88
3) Pyridine	3.61	79	118250	32.406	ng	# 85
4) n-Nitrosodimethylamine	3.56	42	64750	38.779	ng	# 84
6) Aniline	6.61	93	102883	18.360	ng	# 57
8) 2-Chlorophenol	6.72	128	152472	36.988	ng	99
9) Benzaldehyde	6.50	77	54382	19.220	ng	98
10) Phenol	6.58	94	211689	41.469	ng	# 68
11) bis(2-Chloroethyl)ether	6.67	93	133454	34.701	ng	93
12) 1,3-Dichlorobenzene	6.87	146	152959	33.777	ng	98
13) 1,4-Dichlorobenzene	6.95	146	157654	33.854	ng	99
14) 1,2-Dichlorobenzene	7.10	146	149256	34.053	ng	98
15) Benzyl Alcohol	7.08	79	127003	36.459	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	213685	34.913	ng	94
17) 2-Methylphenol	7.19	107	119263	36.388	ng	# 85
18) Hexachloroethane	7.43	117	81224	47.415	ng	93
19) n-Nitroso-di-n-propylamine	7.35	70	107115	36.278	ng	97
20) 3+4-Methylphenols	7.35	107	159617m	36.636	ng	
22) Acetophenone	7.35	105	212341	39.308	ng	# 93
24) Nitrobenzene	7.52	77	159857	38.174	ng	98
25) Isophorone	7.76	82	283522	42.922	ng	96
26) 2-Nitrophenol	7.84	139	80072	39.357	ng	96
27) 2,4-Dimethylphenol	7.87	122	136544	44.442	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	174592	39.453	ng	98
29) 2,4-Dichlorophenol	8.08	162	131241	40.820	ng	97
30) 1,2,4-Trichlorobenzene	8.16	180	129319	35.891	ng	96
31) Naphthalene	8.24	128	435677	40.329	ng	99
33) 4-Chloroaniline	8.30	127	44102	9.591	ng	99
34) Hexachlorobutadiene	8.34	225	71511	34.846	ng	99
35) Caprolactam	8.67	113	37607m	34.262	ng	
36) 4-Chloro-3-methylphenol	8.78	107	133656	37.415	ng	99
37) 2-Methylnaphthalene	8.93	142	288972	40.498	ng	99
38) 1-Methylnaphthalene	9.03	142	276667	39.862	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	123562	35.570	ng	98
41) Hexachlorocyclopentadiene	9.07	237	22519	52.216	ng	99

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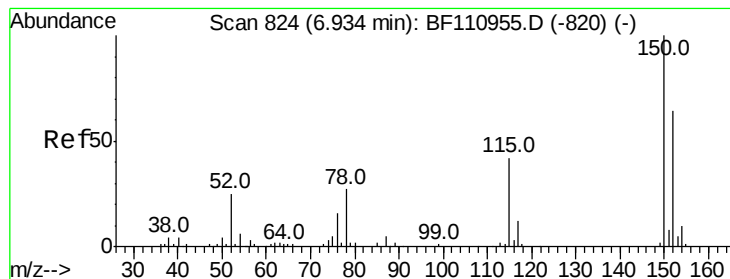
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 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	80454	38.779	nq	93
44) 2,4,5-Trichlorophenol	9.27	196	86779	39.724	nq	97
46) 1,1'-Biphenyl	9.39	154	349447	34.324	nq	99
47) 2-Chloronaphthalene	9.42	162	265855	36.015	nq	99
48) 2-Nitroaniline	9.53	65	87156	37.748	nq	92
49) Acenaphthylene	9.84	152	403580	38.449	nq	99
50) Dimethylphthalate	9.69	163	351431	43.393	nq	99
51) 2,6-Dinitrotoluene	9.77	165	67371	37.367	nq	97
52) Acenaphthene	10.01	154	244851	36.387	nq	96
53) 3-Nitroaniline	9.95	138	43883	20.883	nq	95
54) 2,4-Dinitrophenol	10.09	184	10076	18.800	nq	92
55) Dibenzofuran	10.18	168	355255	36.189	nq	99
56) 4-Nitrophenol	10.12	139	71022	61.815	nq	91
57) 2,4-Dinitrotoluene	10.19	165	88539	37.850	nq	96
58) Fluorene	10.53	166	292724	38.326	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.31	232	70698	39.434	nq	90
60) Diethylphthalate	10.39	149	306403	36.687	nq	100
61) 4-Chlorophenyl-phenylether	10.51	204	138003	34.544	nq	98
62) 4-Nitroaniline	10.57	138	67557	34.528	nq	98
63) Azobenzene	10.67	77	284795	34.985	nq	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	25691	28.071	nq	81
66) n-Nitrosodiphenylamine	10.63	169	251756	39.088	nq	97
67) 4-Bromophenyl-phenylether	11.00	248	78058	37.045	nq	92
68) Hexachlorobenzene	11.08	284	80094	35.686	nq	# 93
69) Atrazine	11.16	200	79246	48.712	nq	99
70) Pentachlorophenol	11.28	266	60999	68.313	nq	99
71) Phenanthrene	11.50	178	405077	39.531	nq	100
72) Anthracene	11.55	178	411892	39.470	nq	99
73) Carbazole	11.71	167	349035	34.459	nq	99
74) Di-n-butylphthalate	12.01	149	436570	36.864	nq	99
75) Fluoranthene	12.69	202	364604	34.619	nq	99
77) Benzidine	12.82	184	91249	31.534	nq	95
78) Pyrene	12.93	202	358880	43.434	nq	96
80) Butylbenzylphthalate	13.52	149	141934	38.047	nq	99
81) Benzo(a)anthracene	14.12	228	267198	40.005	nq	99
82) 3,3'-Dichlorobenzidine	14.07	252	54705	23.887	nq	99
83) Chrysene	14.16	228	253561	38.565	nq	99
84) Bis(2-ethylhexyl)phthalate	14.06	149	188230	37.867	nq	97
85) Di-n-octyl phthalate	14.68	149	314112	40.032	nq	# 88
86) Indeno(1,2,3-cd)pyrene	17.26	276	299605	63.482	nq	99
88) Benzo(b)fluoranthene	15.20	252	256085	38.109	nq	99
89) Benzo(k)fluoranthene	15.24	252	243686	35.232	nq	99
90) Benzo(a)pyrene	15.60	252	251239	40.166	nq	99
91) Dibenzo(a,h)anthracene	17.26	278	249074	48.262	nq	97
92) Benzo(g,h,i)perylene	17.74	276	249350	50.110	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MS

Tot Ion:152 Resp: 57681

Ion Ratio Lower Upper

152 100

150 162.2 122.7 184.1

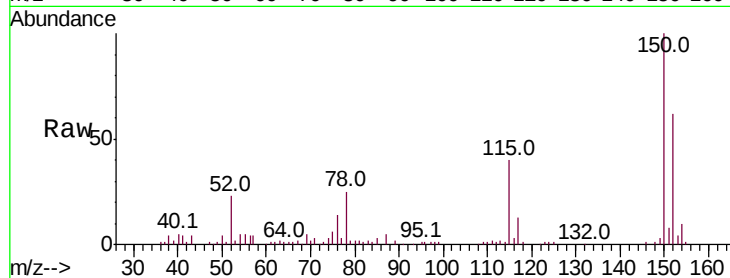
115 64.8 49.1 73.7

Manual Integrations

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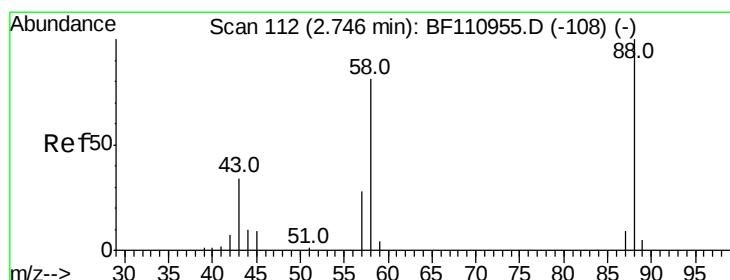
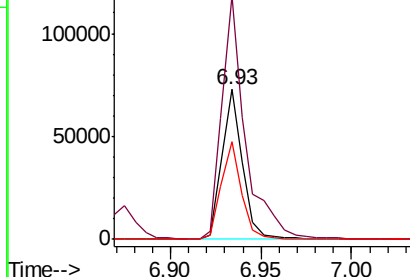
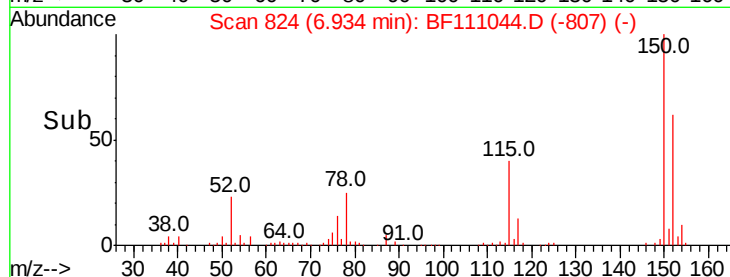
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.714 ng

RT: 2.80 min Scan# 121

Delta R.T. 0.05 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

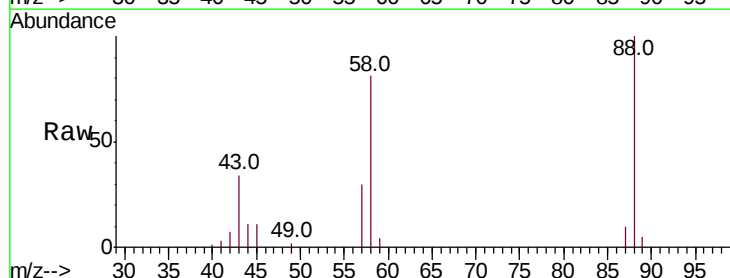
Tgt Ion: 88 Resp: 44517

Ion Ratio Lower Upper

88 100

58 83.2 57.1 85.7

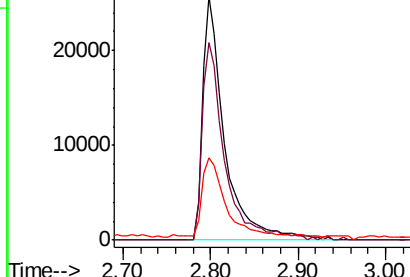
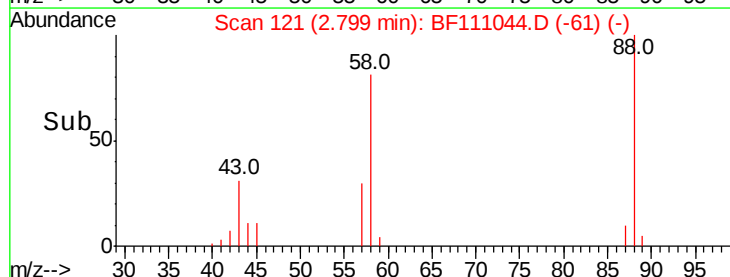
43 33.6 24.1 36.1

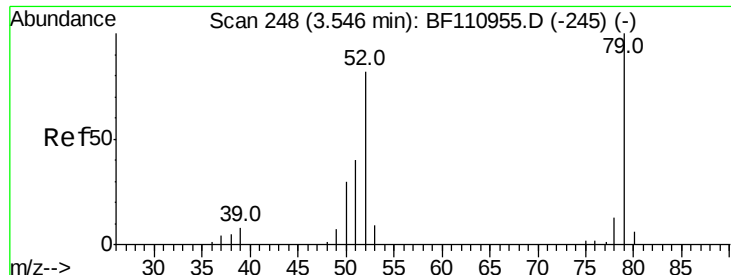


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





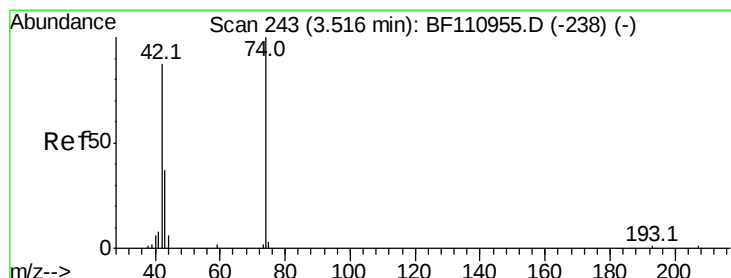
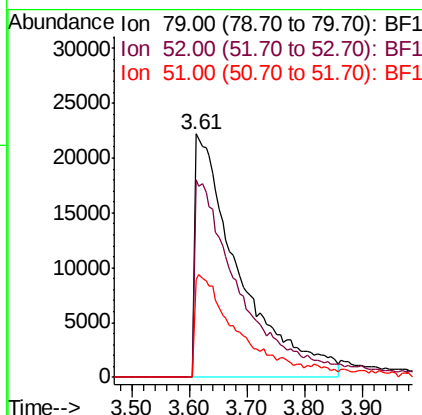
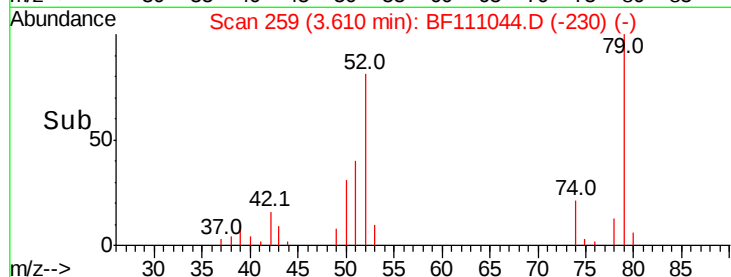
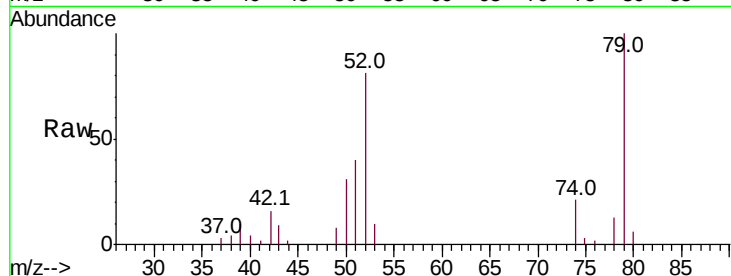
#3
 Pvridine
 Concen: 32.406 ng
 RT: 3.61 min Scan# 259
 Delta R.T. 0.07 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

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

Tot Ion: 79 Resp: 118250
 Ion Ratio Lower Upper
 79 100
 52 80.9 53.1 79.7#
 51 40.1 27.4 41.2

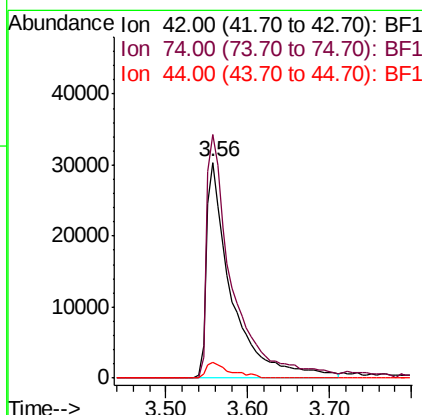
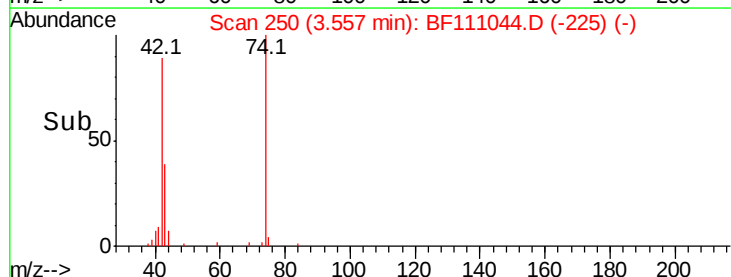
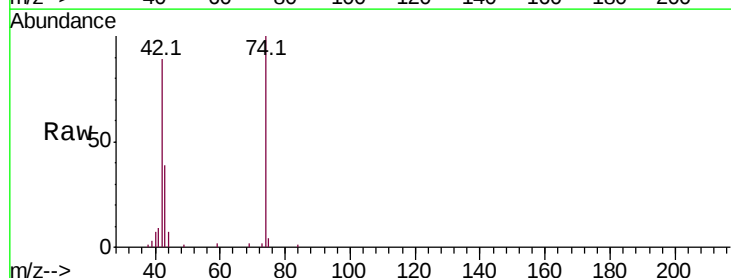
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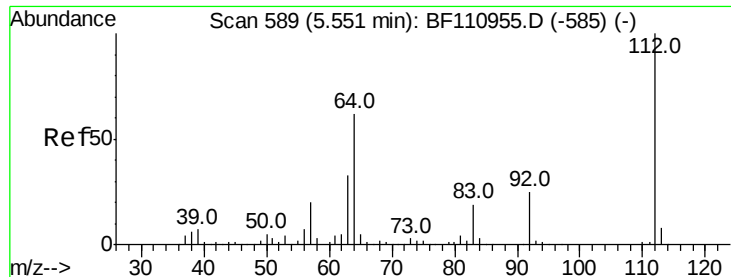
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#4
 n-Nitrosodimethylamine
 Concen: 38.779 ng
 RT: 3.56 min Scan# 250
 Delta R.T. 0.05 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Tgt Ion: 42 Resp: 64750
 Ion Ratio Lower Upper
 42 100
 74 112.8 105.5 158.3
 44 7.5 4.9 7.3#





#5

2-Fluorophenol

Concen: 128.532 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

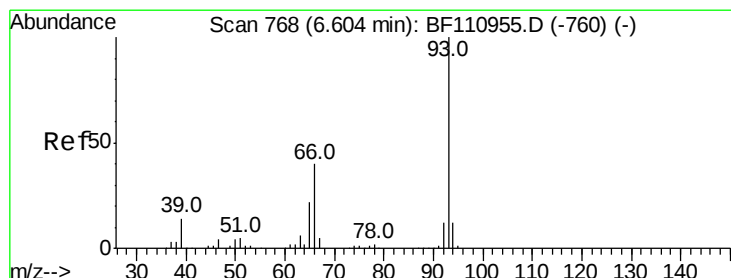
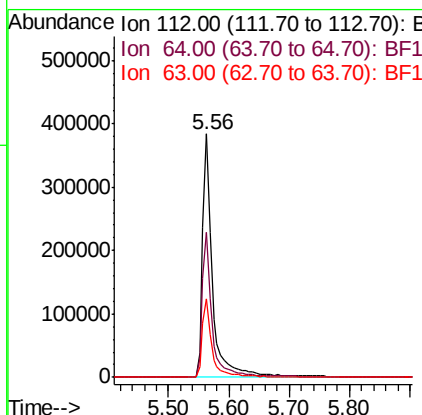
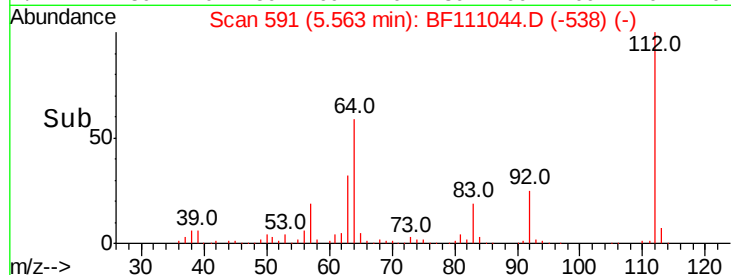
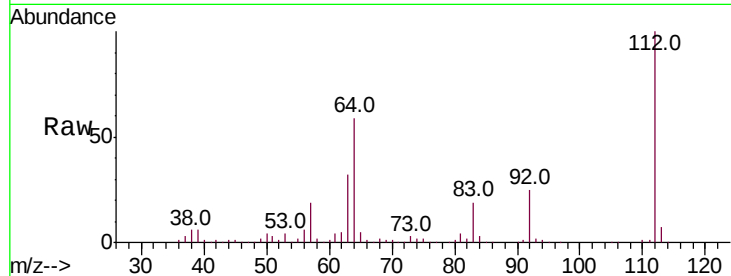
ClientSampleId :

USTS-1-2-3MS

Tot Ion:	112	Resp:	447073
Ion Ratio	Lower	Upper	
112	100		
64	59.4	44.1	66.1
63	32.1	23.7	35.5

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#6

Aniline

Concen: 18.360 ng

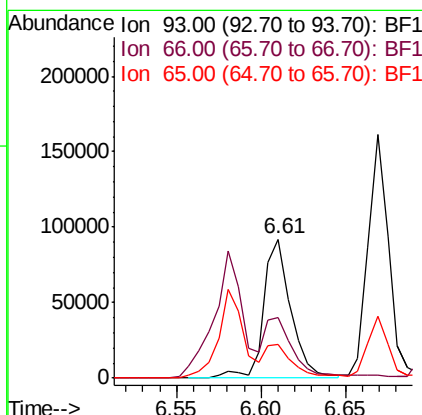
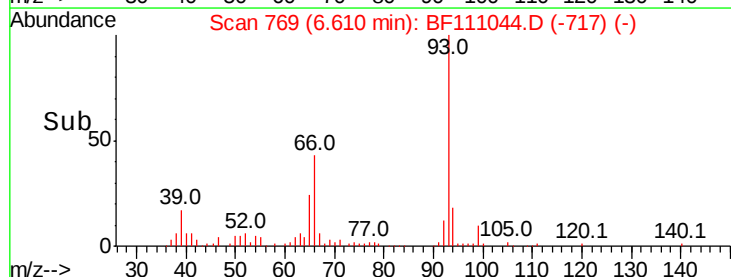
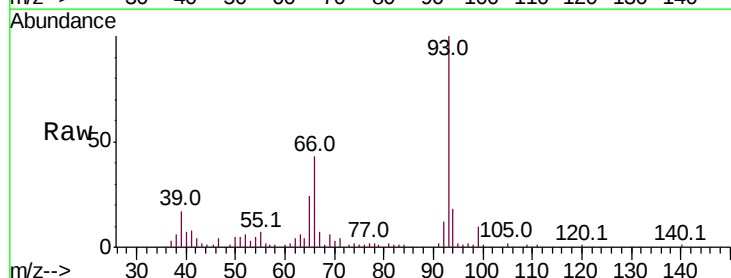
RT: 6.61 min Scan# 769

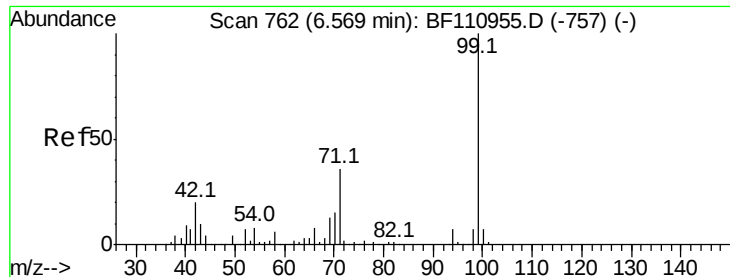
Delta R.T. 0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Tgt Ion:	93	Resp:	102883
Ion Ratio	Lower	Upper	
93	100		
66	43.3	67.4	101.0#
65	23.9	41.0	61.4#





#7

Phenol-d6

Concen: 122.368 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

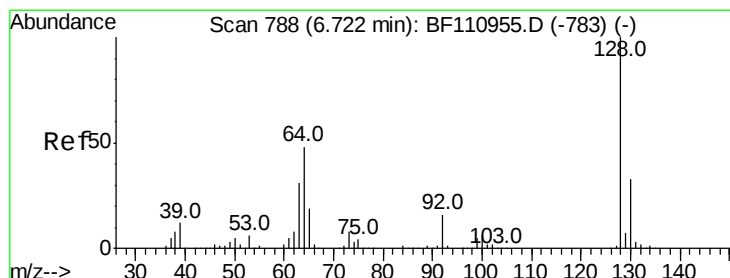
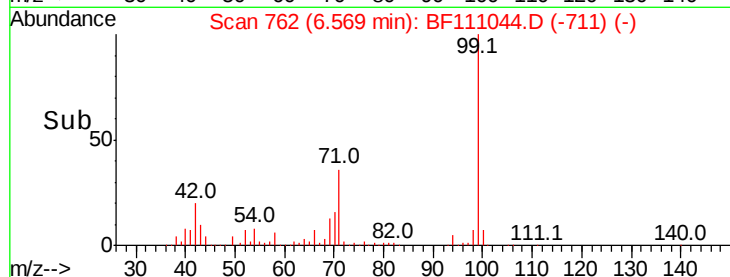
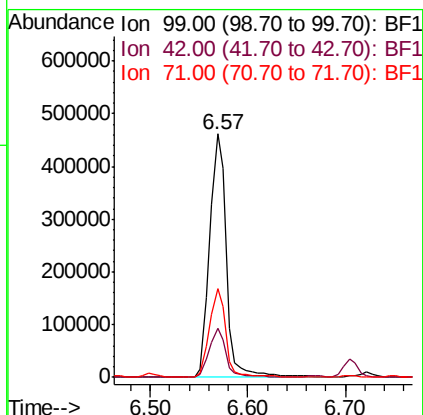
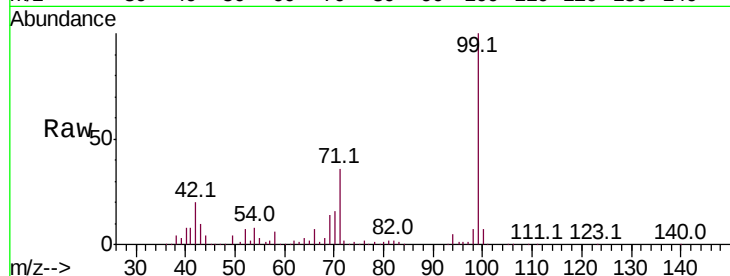
ClientSampleId :

USTS-1-2-3MS

Tot Ion:	99	Resp:	554670
Ion Ratio	Lower	Upper	
99	100		
42	20.3	15.8	23.6
71	36.4	28.0	42.0

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#8

2-Chlorophenol

Concen: 36.988 ng

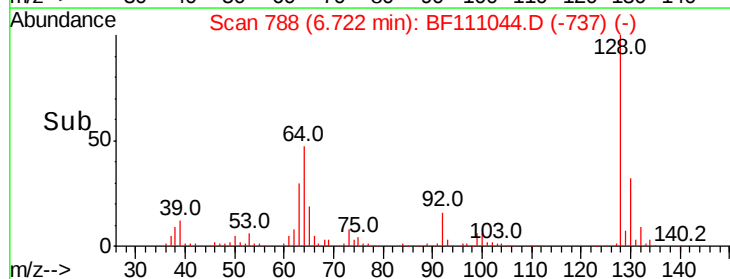
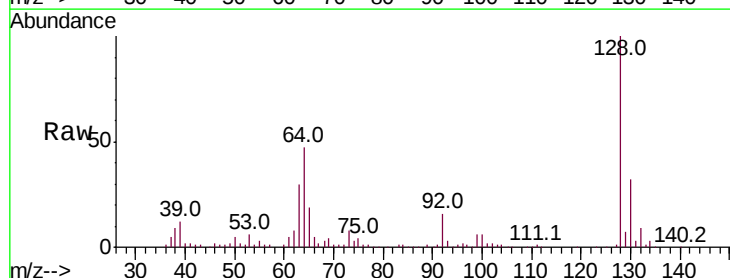
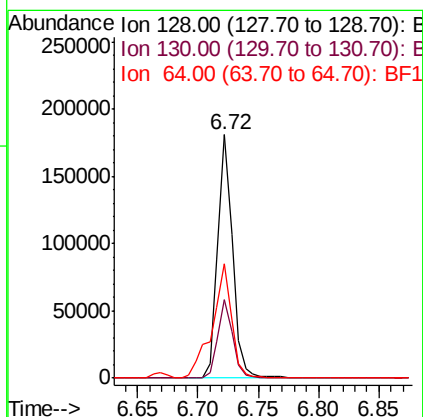
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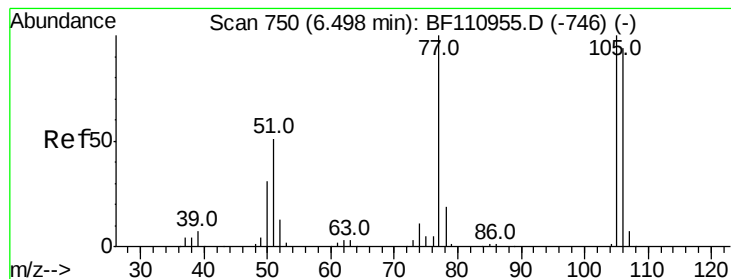
Delta R.T. -0.00 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Tgt Ion:	128	Resp:	152472
Ion Ratio	Lower	Upper	
128	100		
130	32.4	13.1	53.1
64	47.0	26.0	66.0





#9

Benzaldehyde

Concen: 19.220 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MS

Tot Ion: 77 Resp: 54382

Ion Ratio Lower Upper

77 100

105 103.0 78.6 118.6

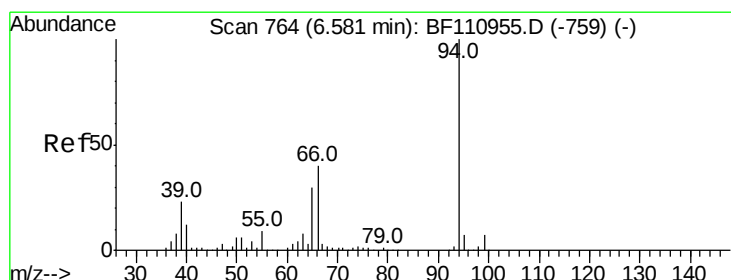
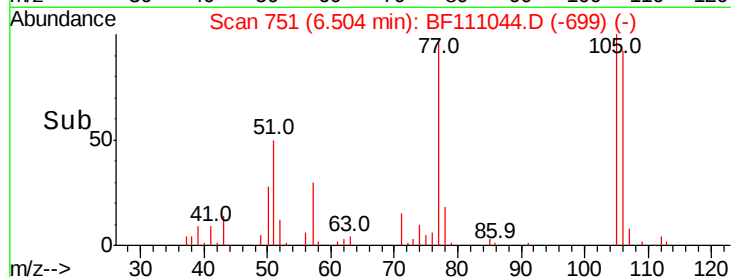
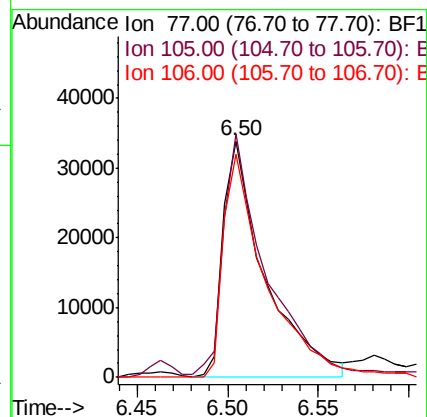
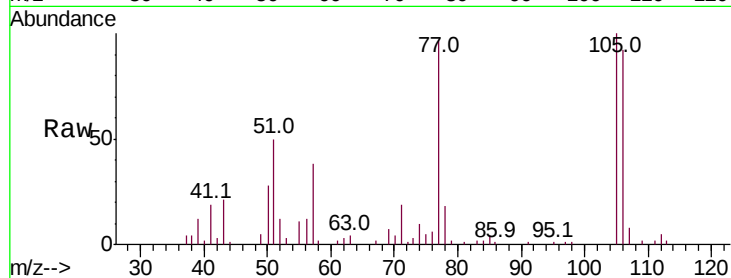
106 94.5 74.8 114.8

Manual Integrations

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#10

Phenol

Concen: 41.469 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

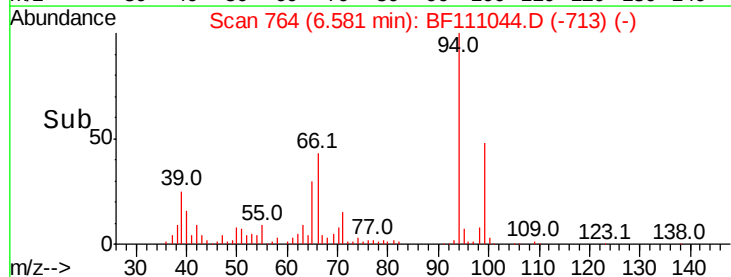
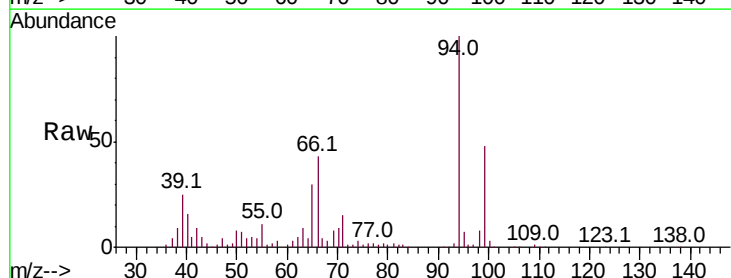
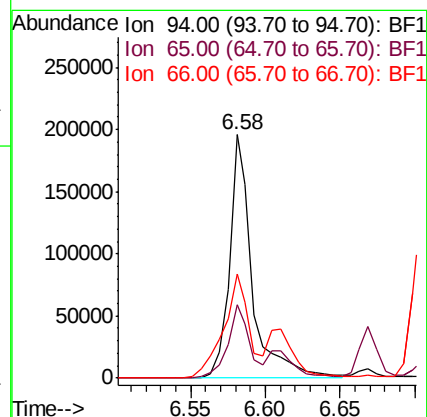
Tgt Ion: 94 Resp: 211689

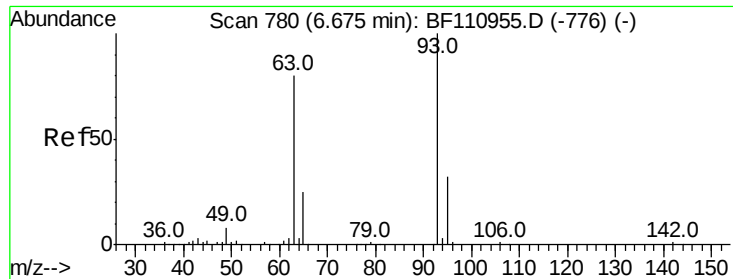
Ion Ratio Lower Upper

94 100

65 29.9 25.3 65.3

66 42.9 54.5 94.5#





#11

bis(2-Chloroethyl)ether

Concen: 34.701 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

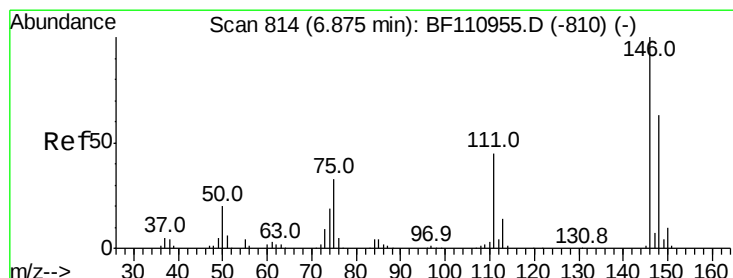
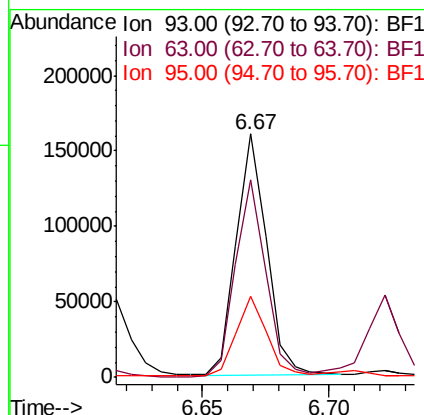
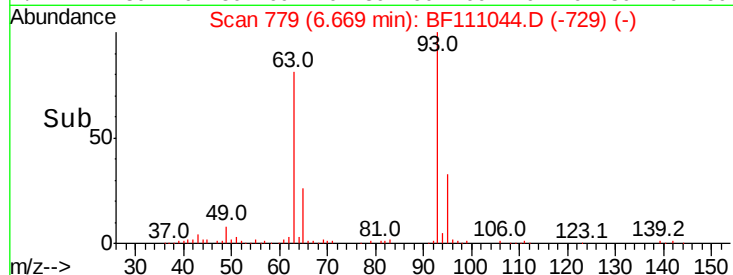
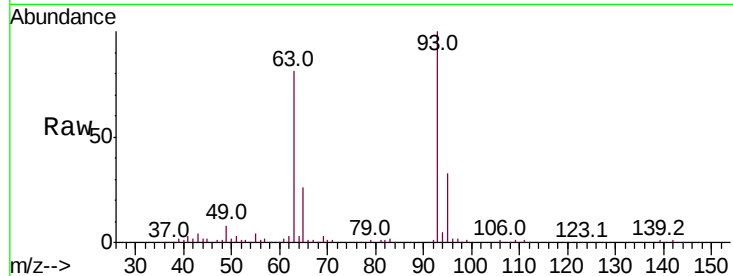
ClientSampleId :

USTS-1-2-3MS

Tot Ion:	93	Resp:	133454
Ion Ratio	Lower	Upper	
93	100		
63	81.0	53.4	93.4
95	33.2	12.1	52.1

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#12

1,3-Dichlorobenzene

Concen: 33.777 ng

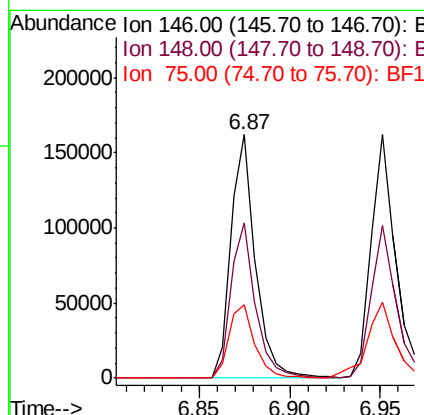
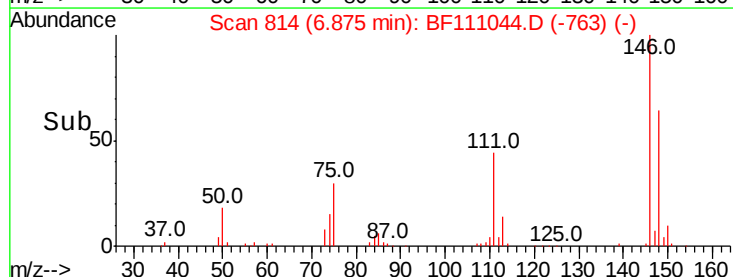
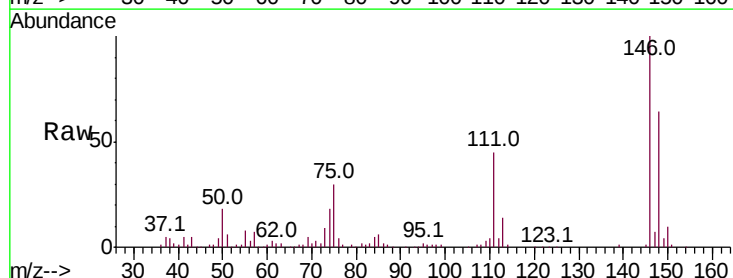
RT: 6.87 min Scan# 814

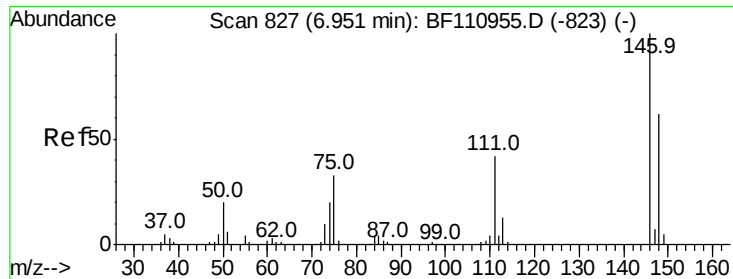
Delta R.T. -0.00 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Tgt Ion:	146	Resp:	152959
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.4	75.6
75	30.4	25.8	38.6





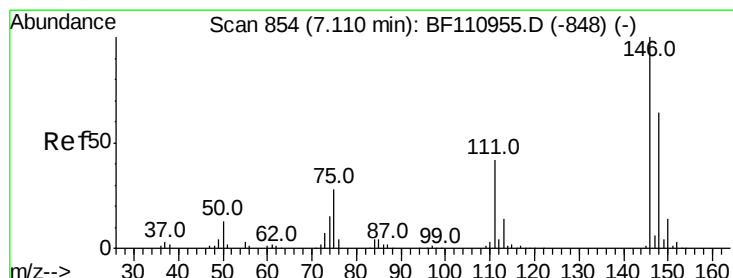
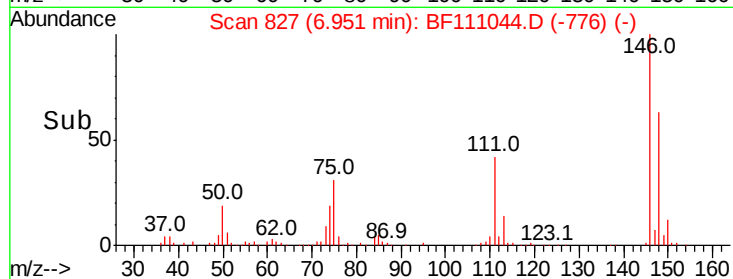
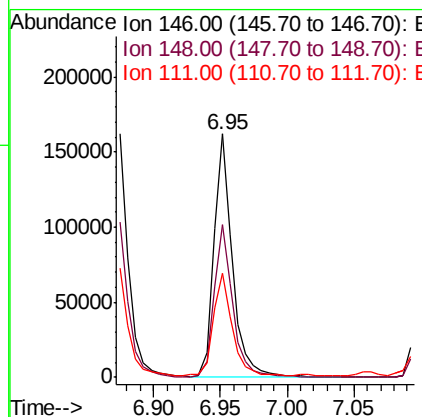
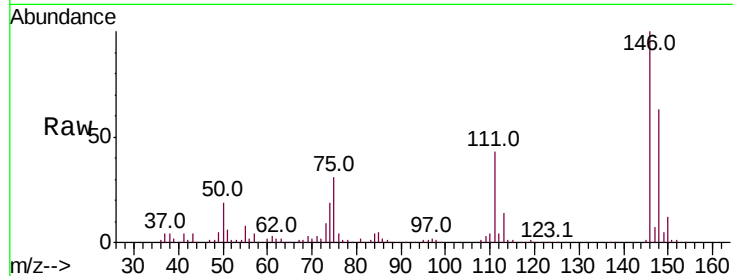
#13
1,4-Dichlorobenzene
Concen: 33.854 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
111	42.9	32.7	49.1

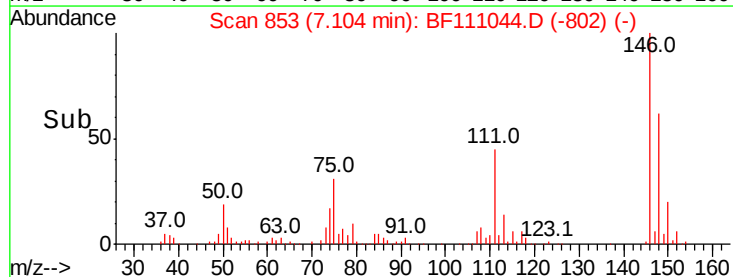
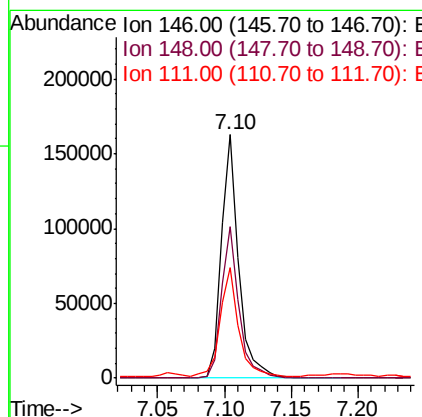
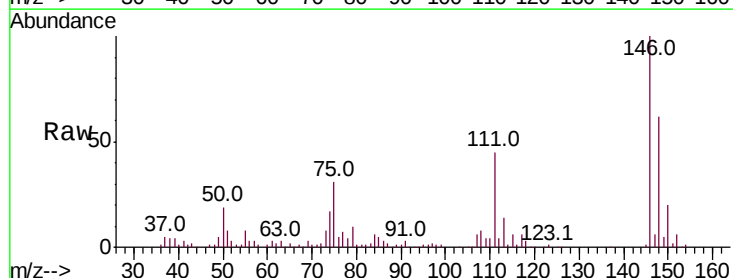
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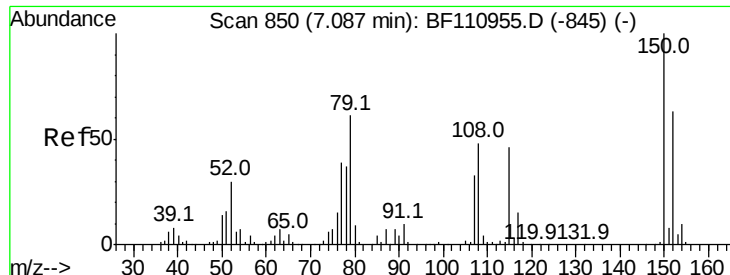
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#14
1,2-Dichlorobenzene
Concen: 34.053 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.1	76.7
111	45.2	35.8	53.6





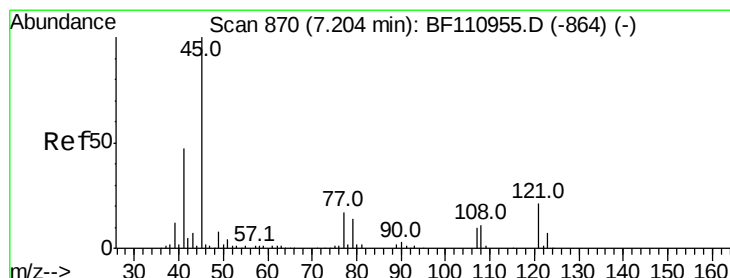
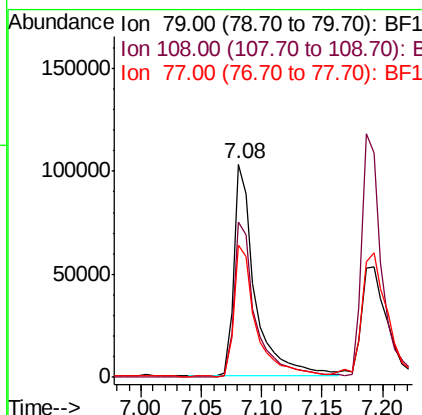
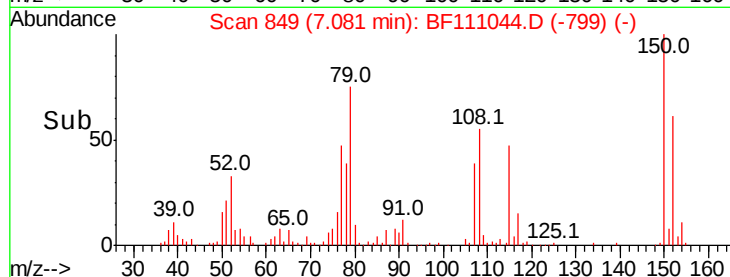
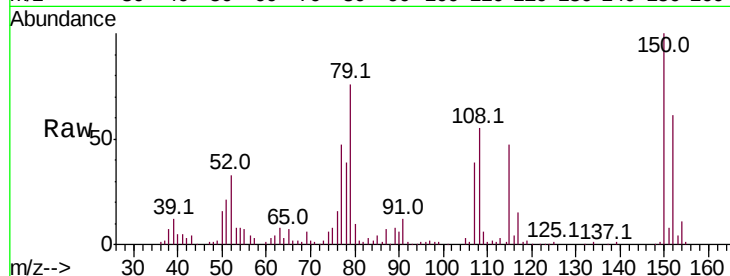
#15
Benzyl Alcohol
Concen: 36.459 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.5	56.3	84.5
77	62.2	52.9	79.3

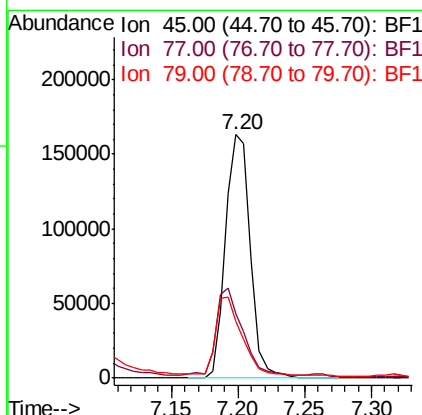
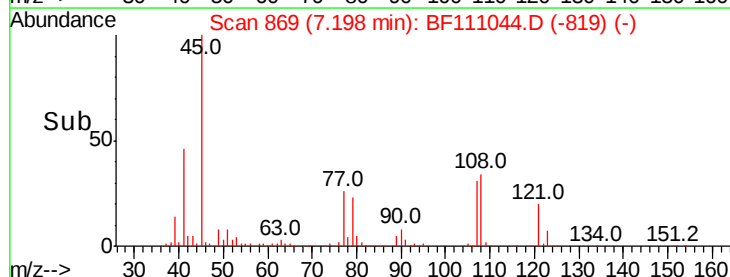
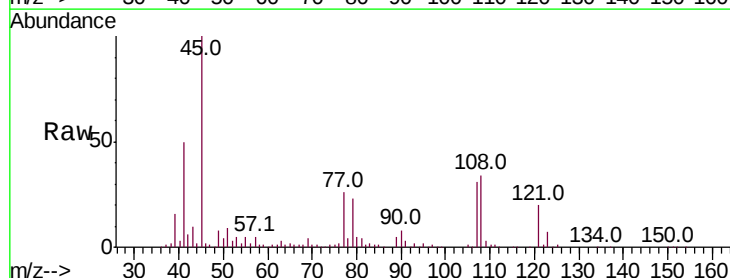
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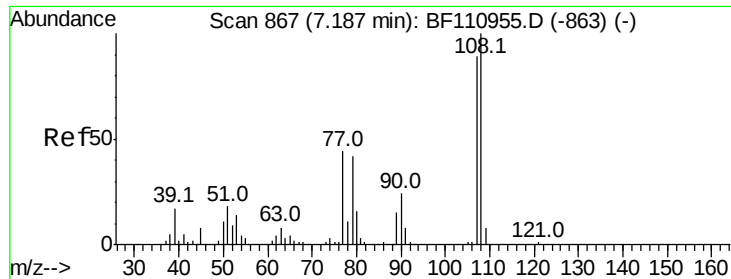
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#16
2,2'-oxybis(1-chloropropane)
Concen: 34.913 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.2	10.0	50.0
79	23.2	6.1	46.1





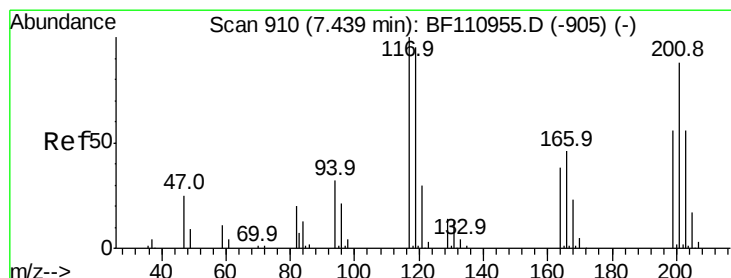
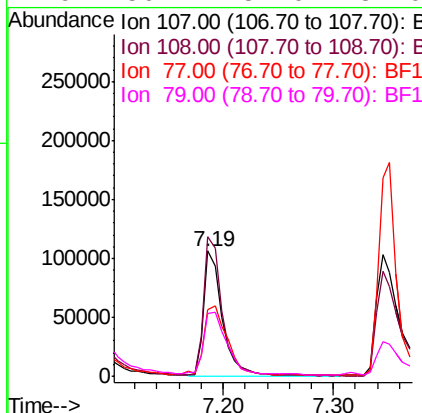
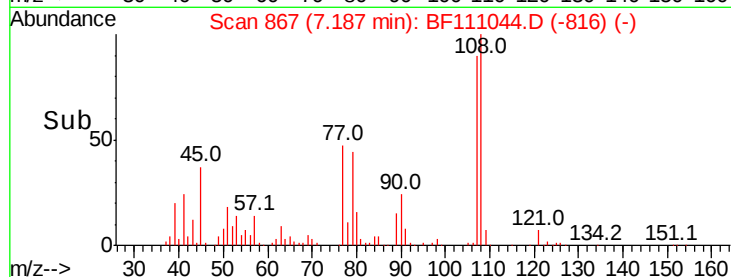
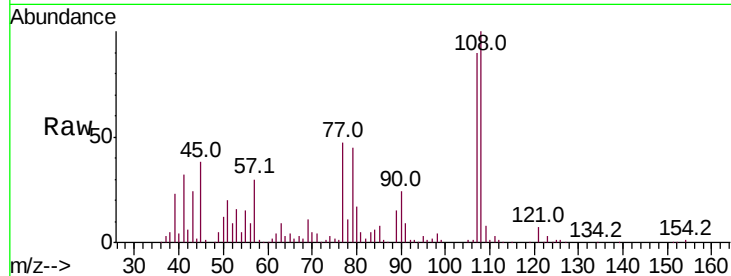
#17
2-Methylphenol
Concen: 36.388 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	92.6	138.8
77	52.9	59.4	89.2#
79	50.2	54.0	81.0#

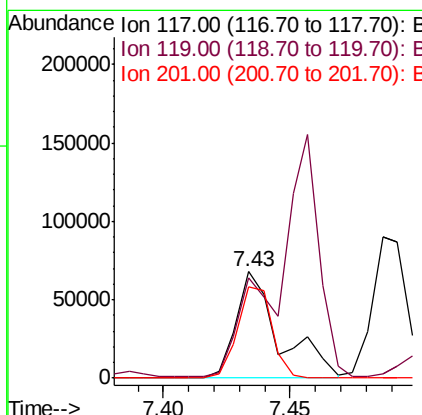
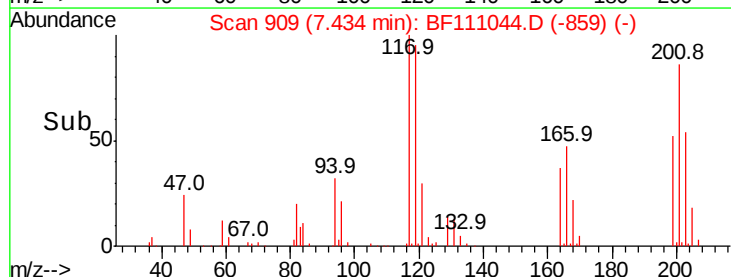
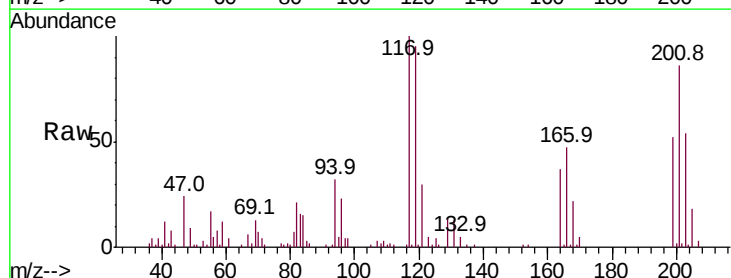
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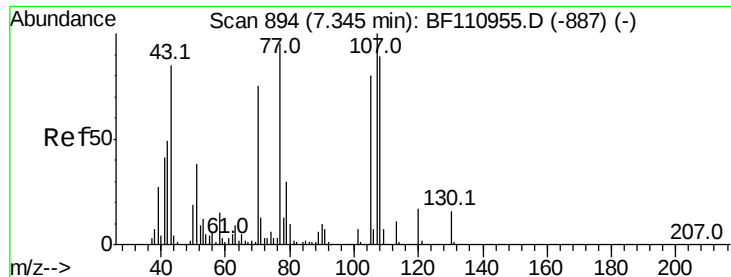
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#18
Hexachloroethane
Concen: 47.415 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.0	112.6
201	85.8	79.2	118.8





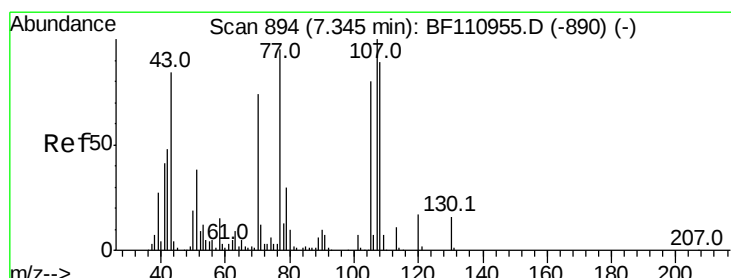
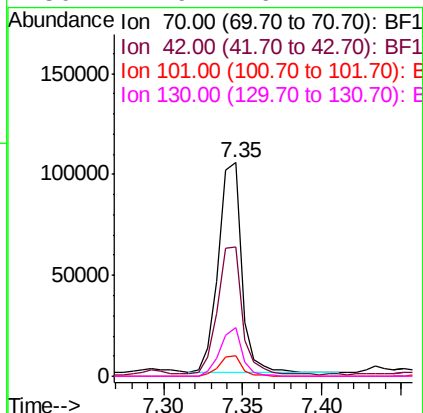
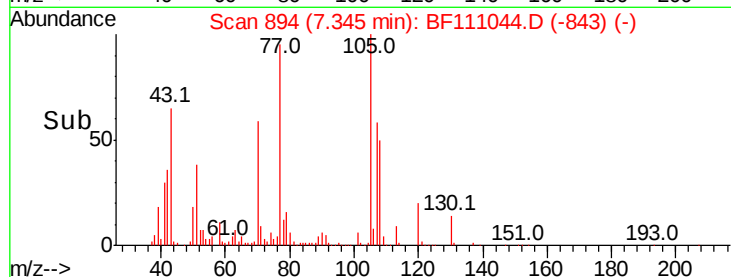
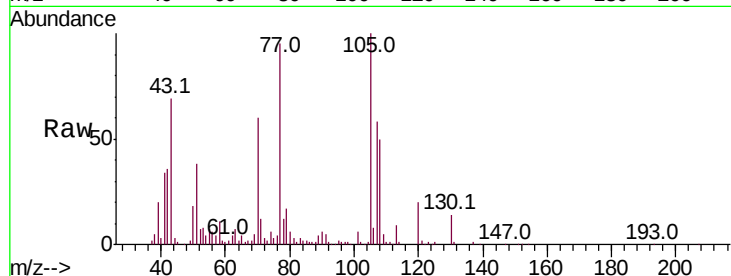
#19
n-Nitroso-di-n-propylamine
Concen: 36.278 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.6	47.4	71.2
101	9.5	7.3	10.9
130	22.9	16.2	24.2

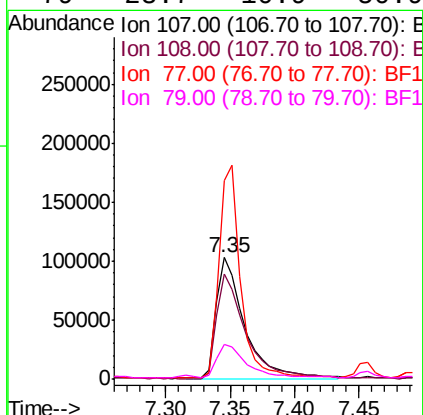
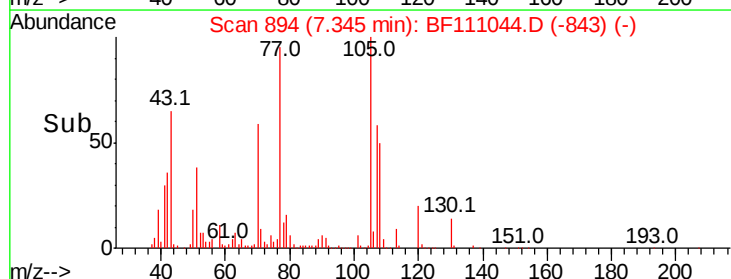
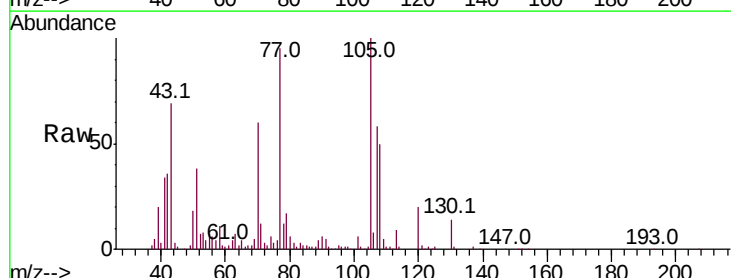
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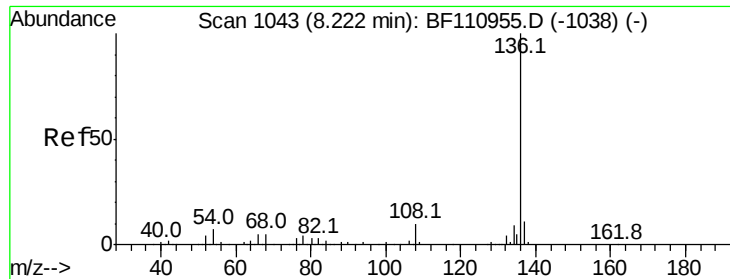
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#20
3+4-Methylphenols
Concen: 36.636 ng m
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.1	71.4	111.4
77	163.2	47.3	87.3#
79	28.7	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

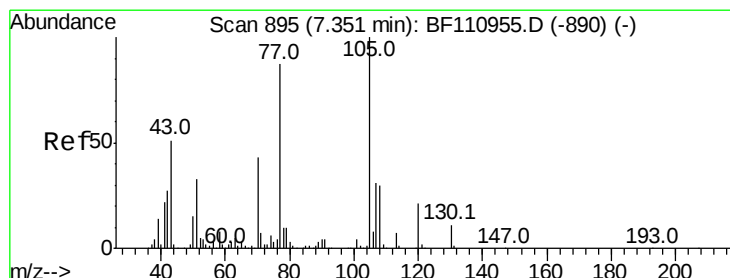
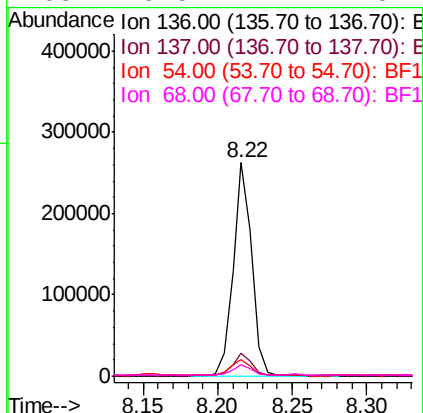
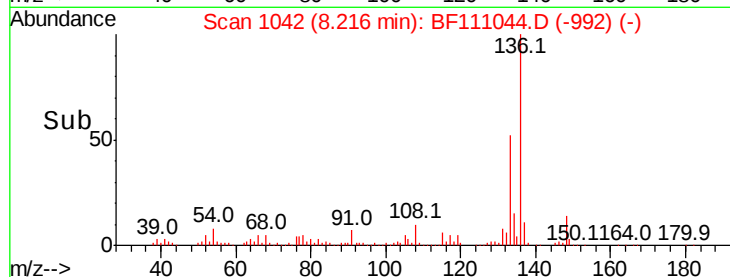
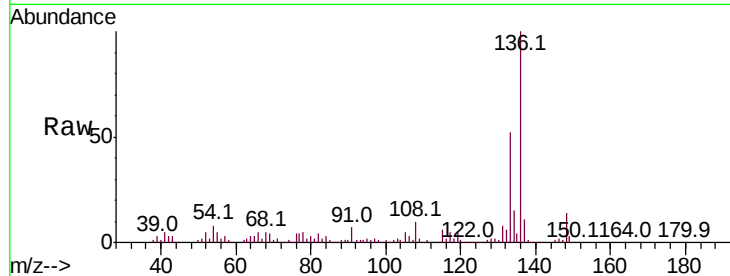
ClientSampleId :

USTS-1-2-3MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.8	13.2	
54	8.0	5.4	8.2	
68	5.5	4.2	6.2	

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#22

Acetophenone

Concen: 39.308 ng

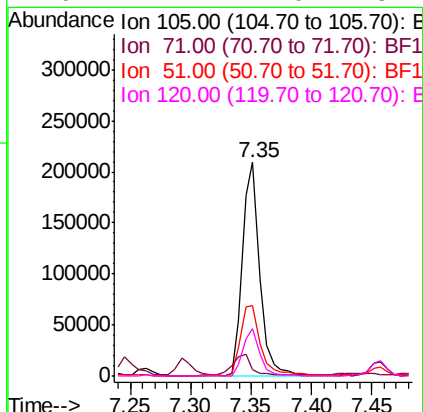
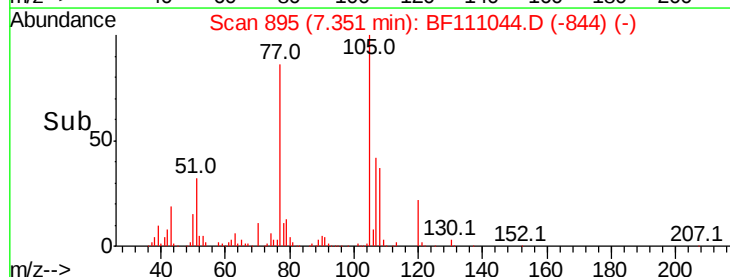
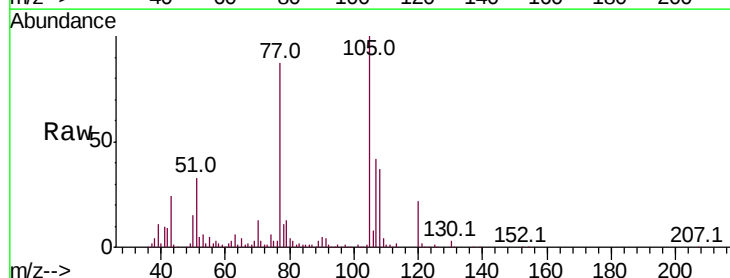
RT: 7.35 min Scan# 895

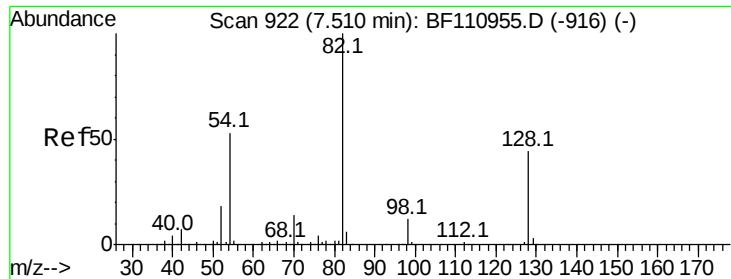
Delta R.T. -0.00 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.8	5.2	7.8#	
51	32.7	21.8	32.8	
120	22.2	17.0	25.4	





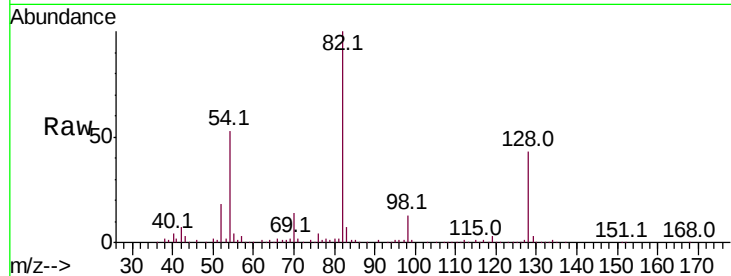
#23
Nitrobenzene-d5
Concen: 84.609 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

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

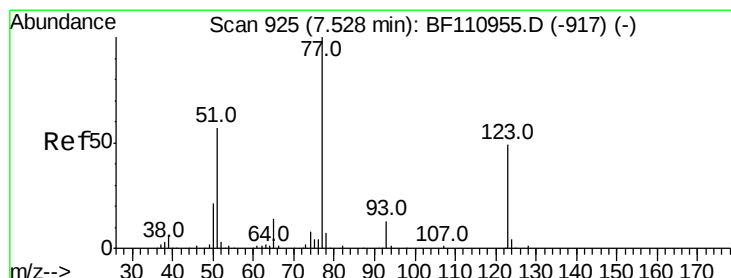
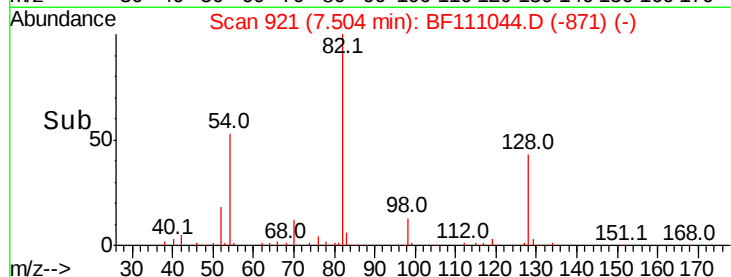
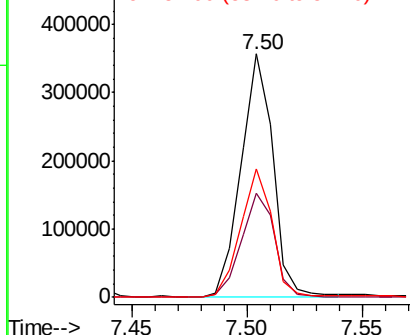
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.2	51.2
54	53.0	38.6	58.0

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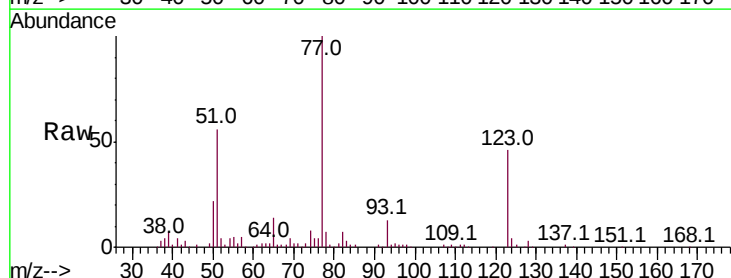


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

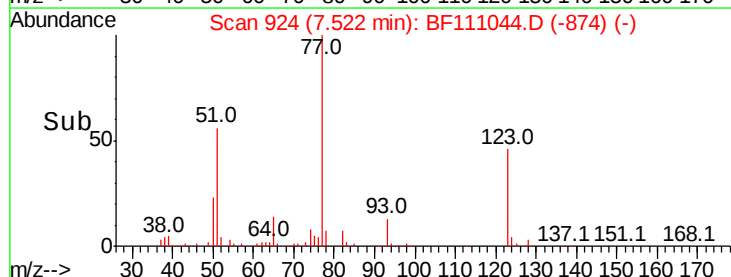
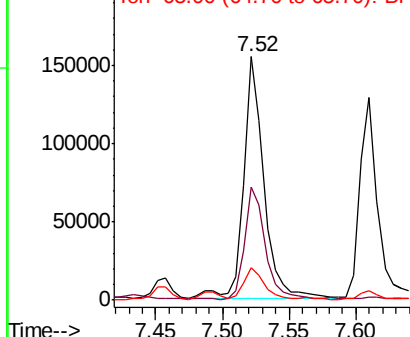


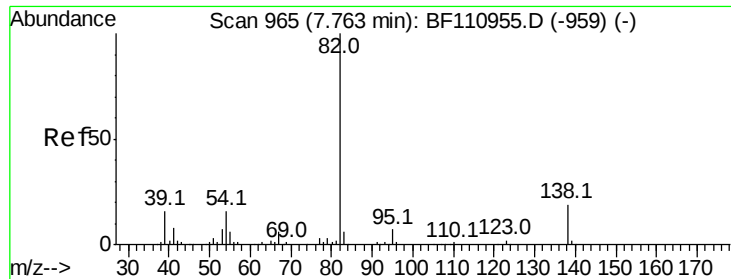
#24
Nitrobenzene
Concen: 38.174 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	35.7	53.5
65	13.6	10.7	16.1



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: 42.922 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

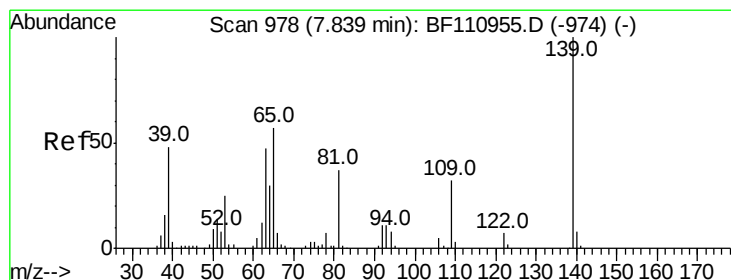
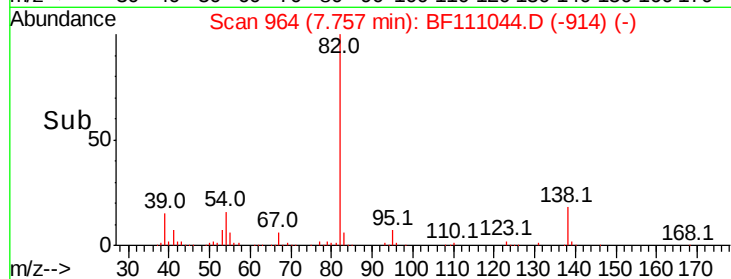
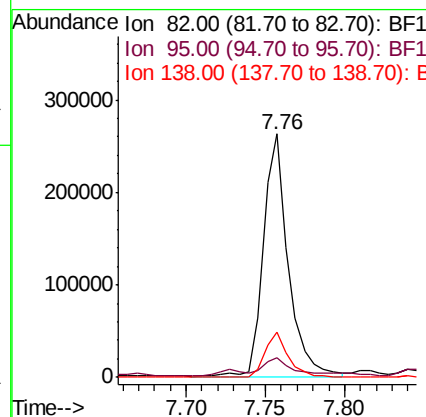
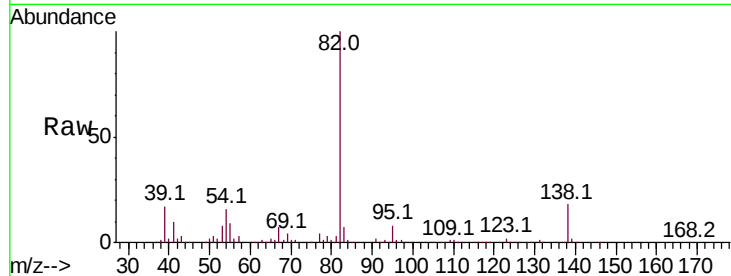
ClientSampleId :

USTS-1-2-3MS

Tot Ion:	82	Resp:	283522
Ion Ratio	Lower	Upper	
82	100		
95	8.0	5.7	8.5
138	18.4	13.2	19.8

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#26

2-Nitrophenol

Concen: 39.357 ng

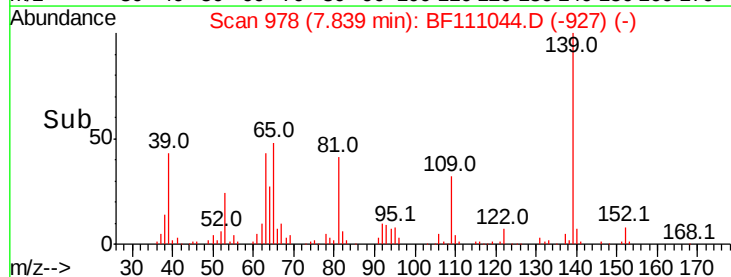
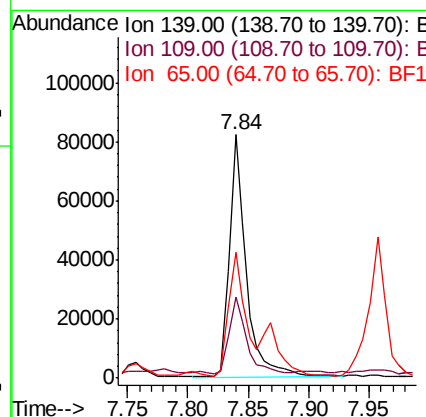
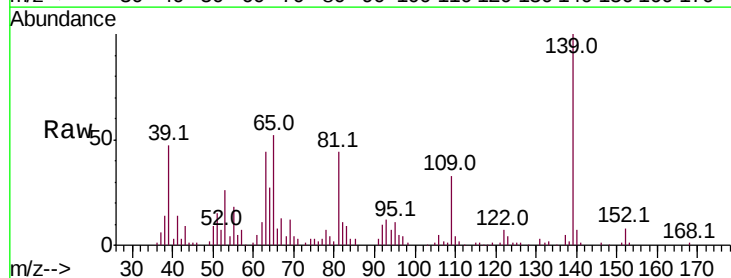
RT: 7.84 min Scan# 978

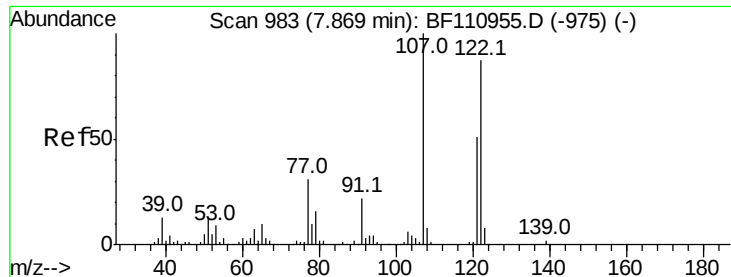
Delta R.T. -0.00 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Tgt Ion:	139	Resp:	80072
Ion Ratio	Lower	Upper	
139	100		
109	33.4	25.0	37.6
65	51.7	44.0	66.0





#27

2,4-Dimethylphenol

Concen: 44.442 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

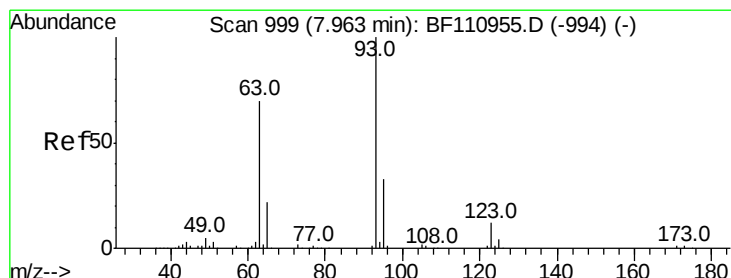
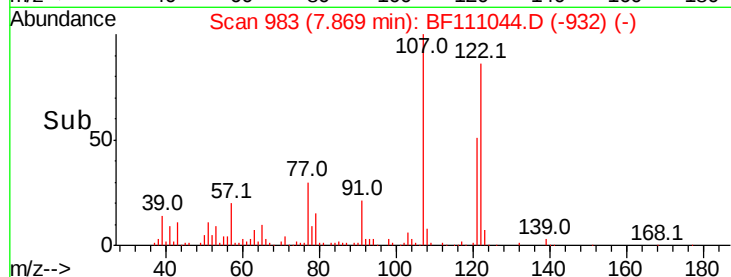
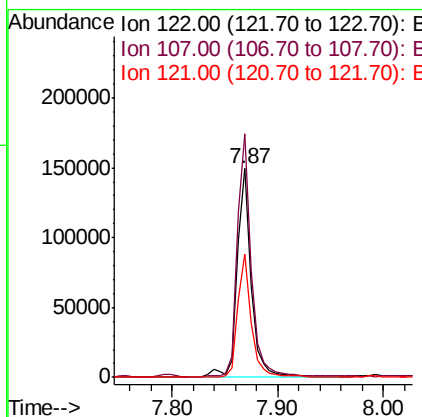
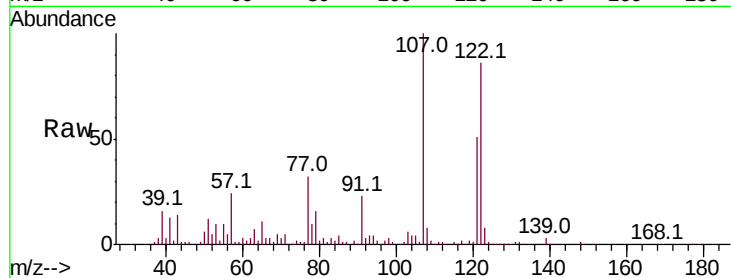
ClientSampleId :

USTS-1-2-3MS

Tot Ion:	122	Resp:	136544
Ion	Ratio	Lower	Upper
122	100		
107	116.8	92.5	138.7
121	59.4	45.8	68.8

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#28

bis(2-Chloroethoxy)methane

Concen: 39.453 ng

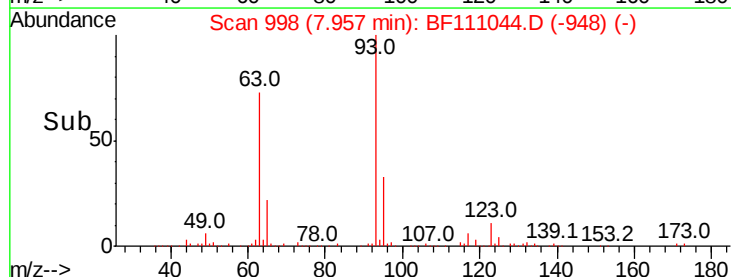
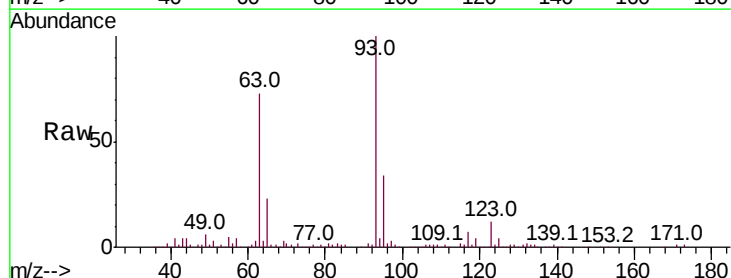
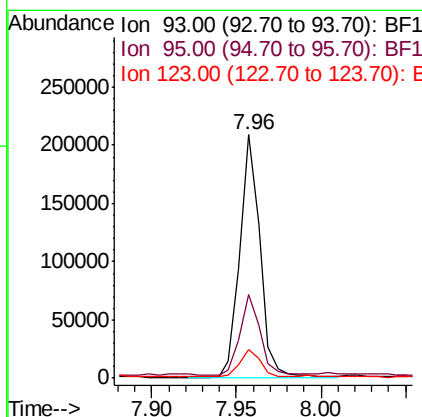
RT: 7.96 min Scan# 998

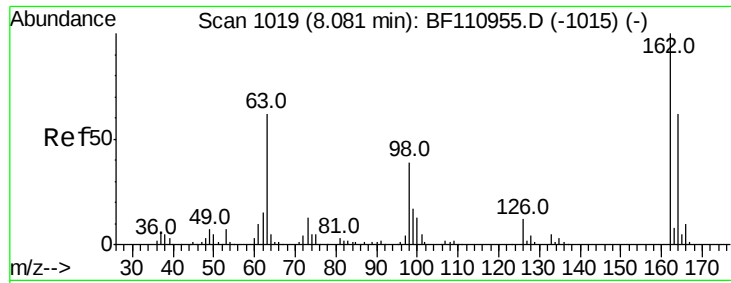
Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Tgt Ion:	93	Resp:	174592
Ion	Ratio	Lower	Upper
93	100		
95	34.2	26.4	39.6
123	11.7	9.0	13.6





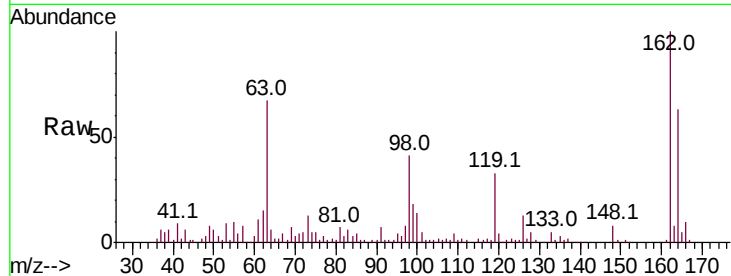
#29
 2,4-Dichlorophenol
 Concen: 40.820 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.3	44.6	84.6
98	40.7	17.4	57.4

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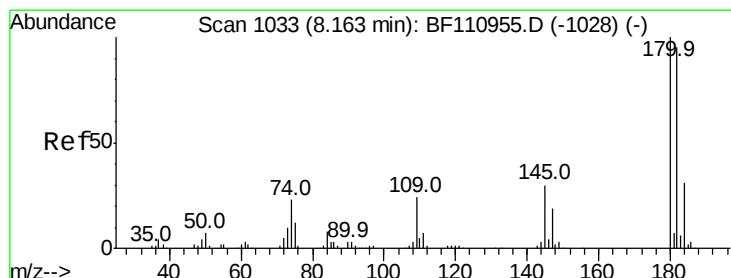
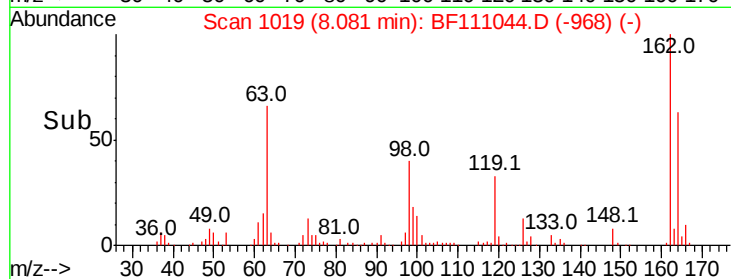
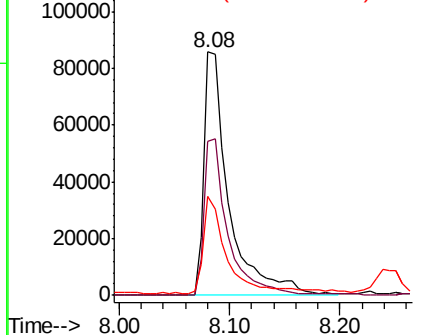


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 35.891 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

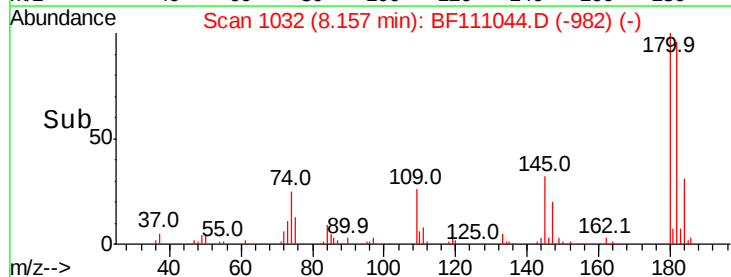
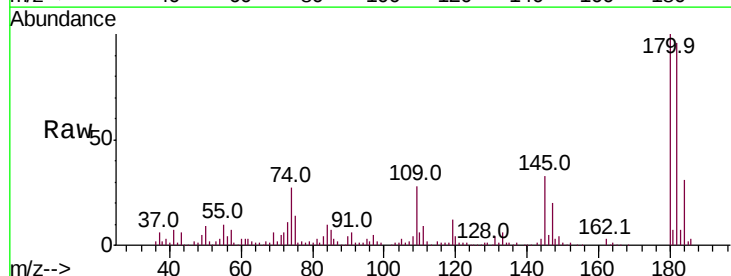
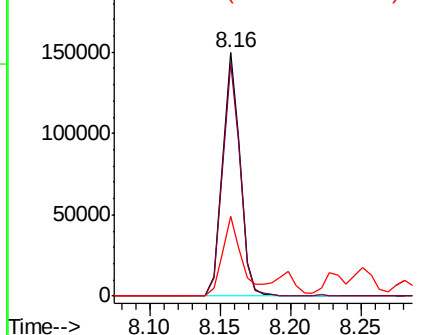
Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.9	80.3	120.5
145	32.7	25.4	38.0

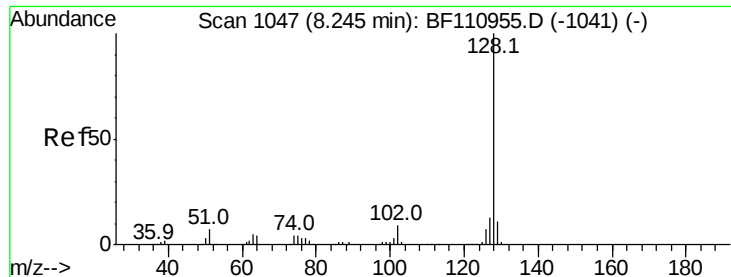
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





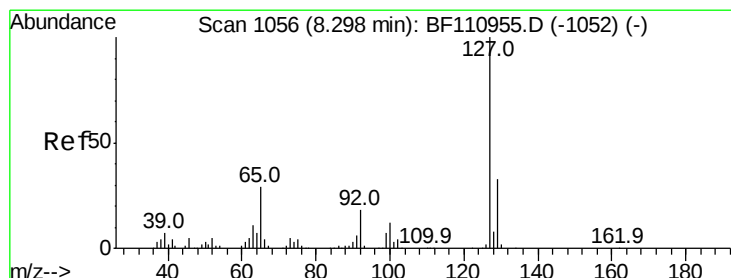
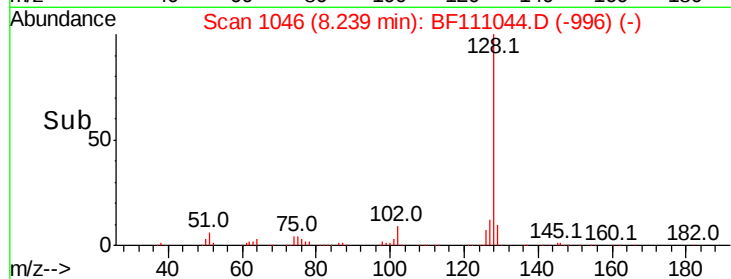
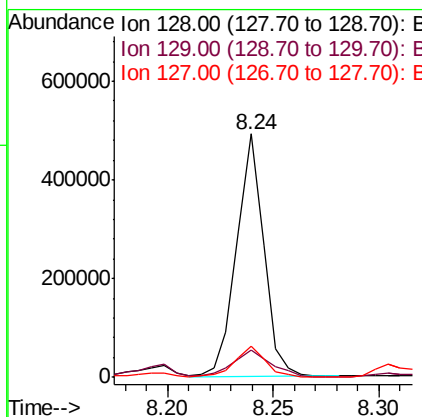
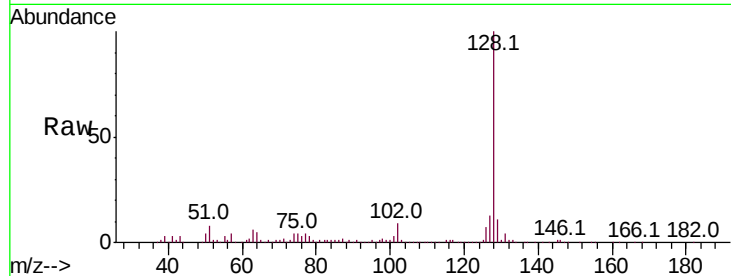
#31
Naphthalene
Concen: 40.329 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100	435677		
129	11.2		8.8	13.2
127	12.9		10.8	16.2

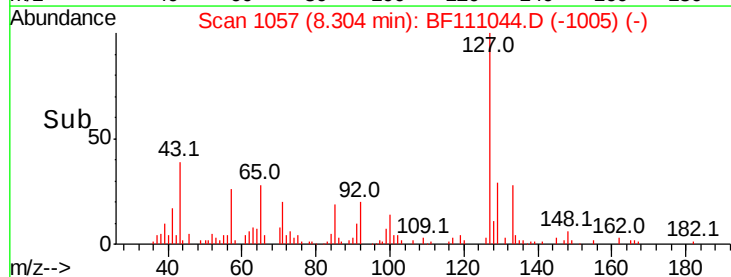
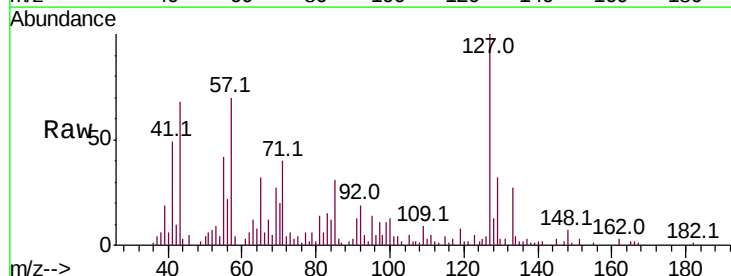
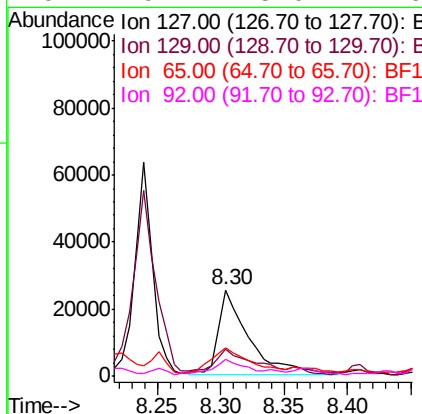
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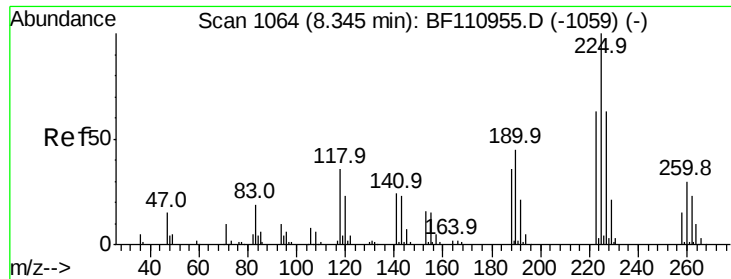
mohammad
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#33
4-Chloroaniline
Concen: 9.591 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	44102		
129	31.9		26.0	39.0
65	32.4		25.1	37.7
92	19.4		15.0	22.6





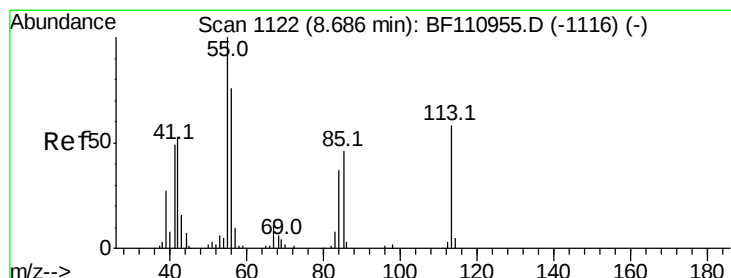
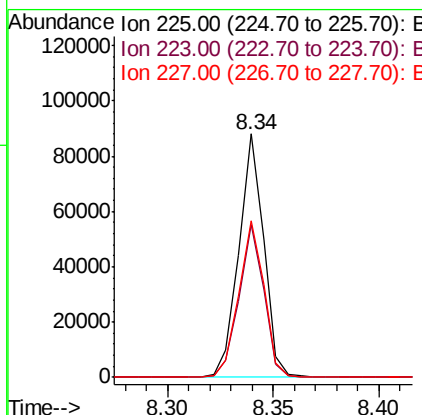
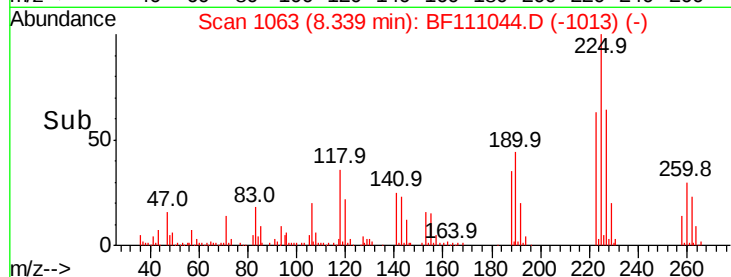
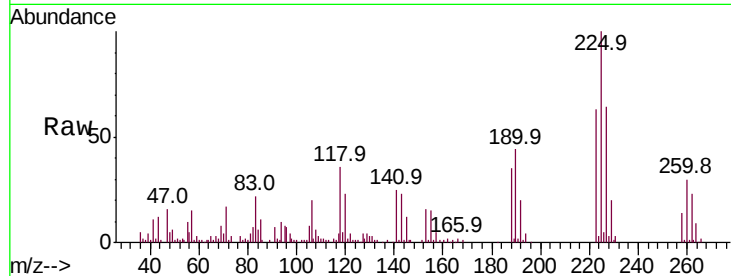
#34
Hexachlorobutadiene
Concen: 34.846 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.4	77.2
227	64.3	51.0	76.6

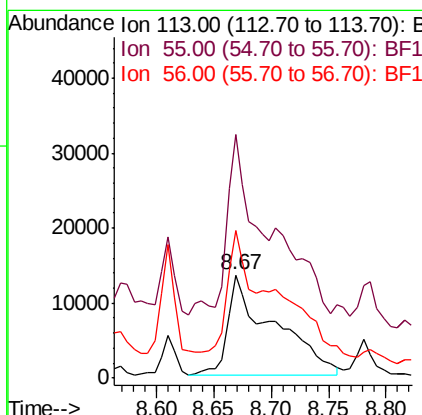
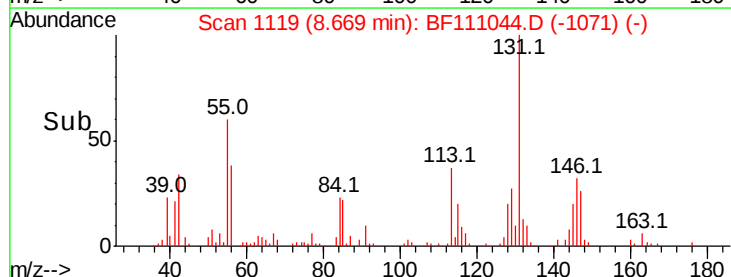
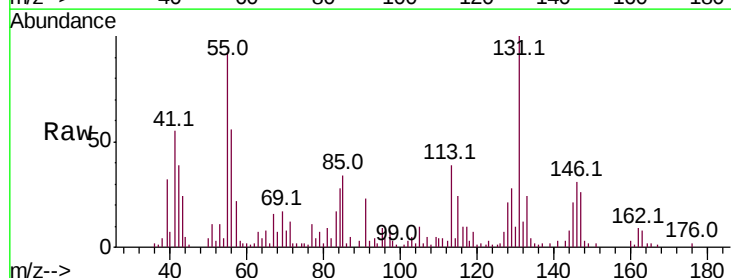
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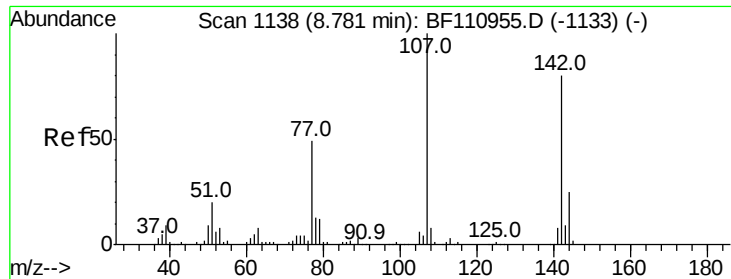
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#35
Caprolactam
Concen: 34.262 ng m
RT: 8.67 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
113	100		
55	236.4	142.8	182.8#
56	143.8	105.0	145.0





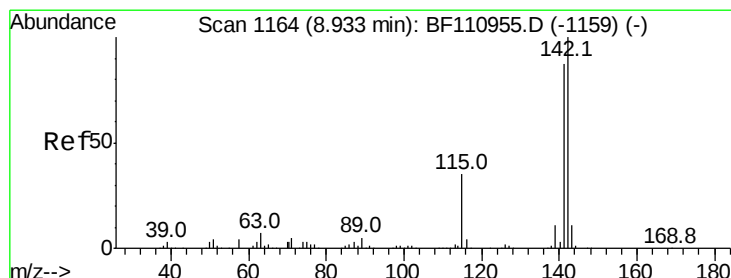
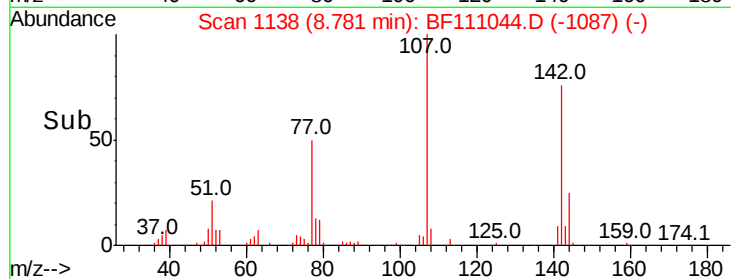
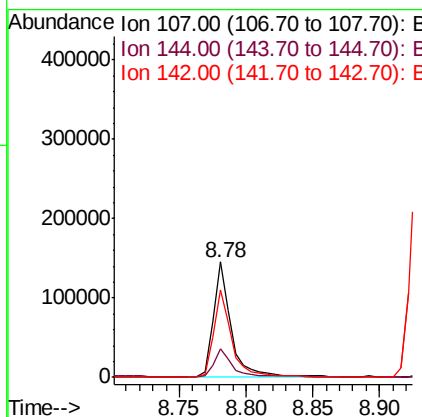
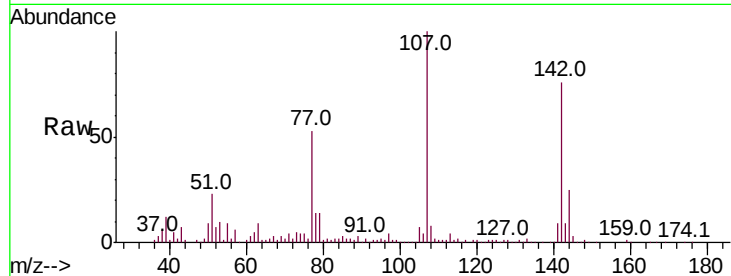
#36
 4-Chloro-3-methylphenol
 Concen: 37.415 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.3	20.0	30.0	
142	75.9	59.7	89.5	

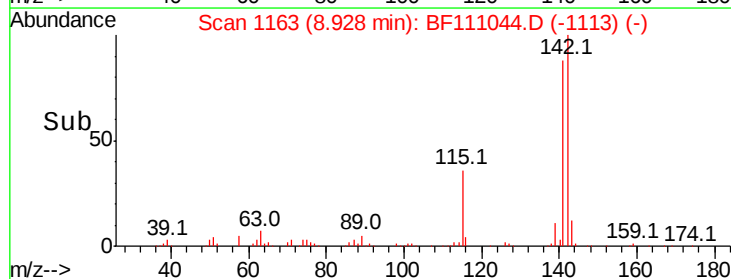
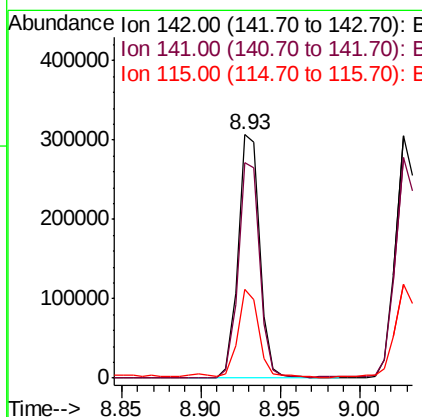
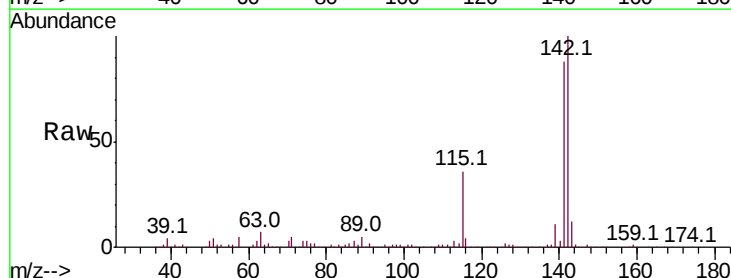
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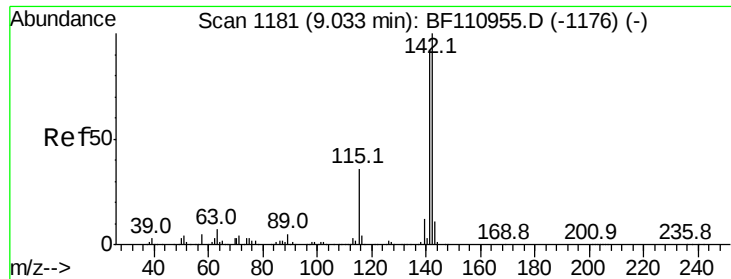
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#37
 2-Methylnaphthalene
 Concen: 40.498 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	88.4	71.4	107.2	
115	36.4	28.7	43.1	





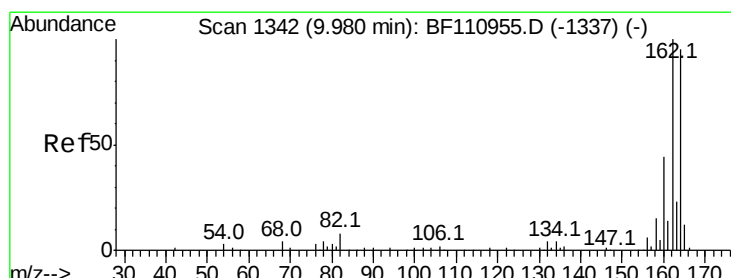
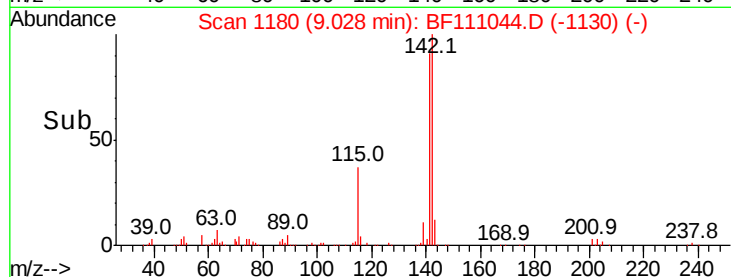
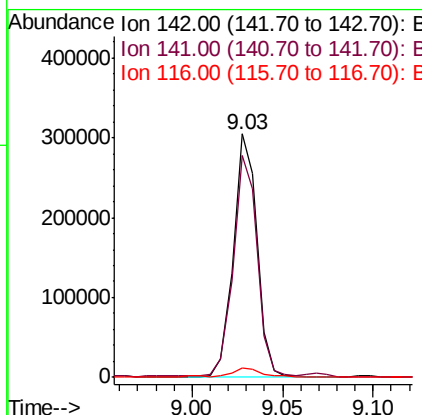
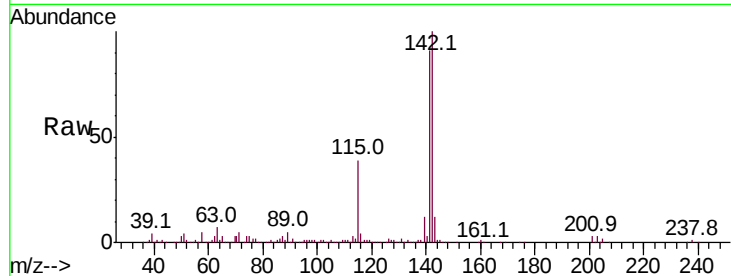
#38
1-Methylnaphthalene
Concen: 39.862 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Resp	Lower	Upper
142	100	276667		
141	91.3	74.2	111.4	
116	4.1	2.6	4.0#	

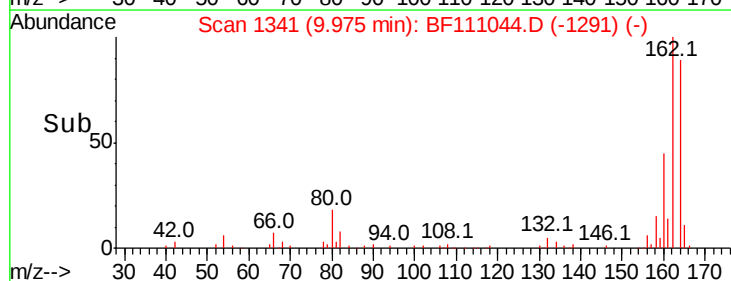
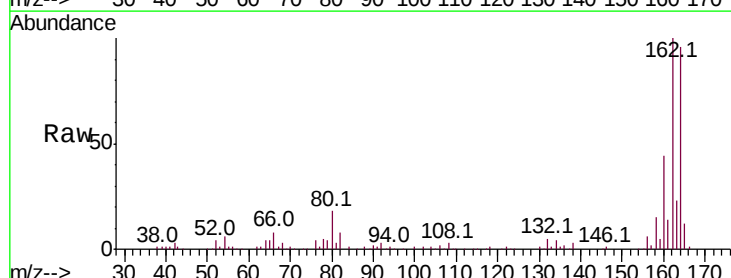
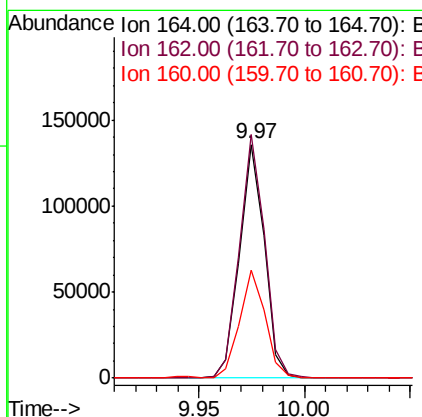
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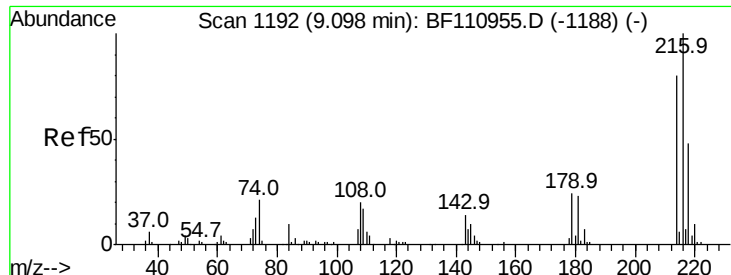
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	110428		
162	104.2	83.0	124.6	
160	46.2	37.0	55.6	





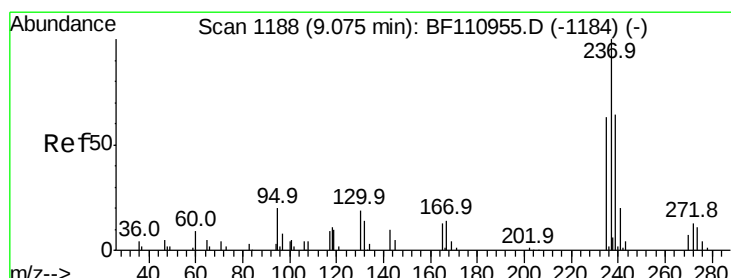
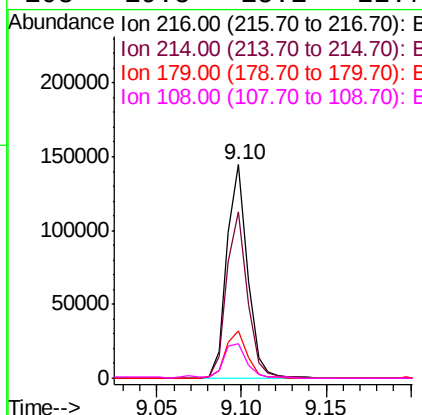
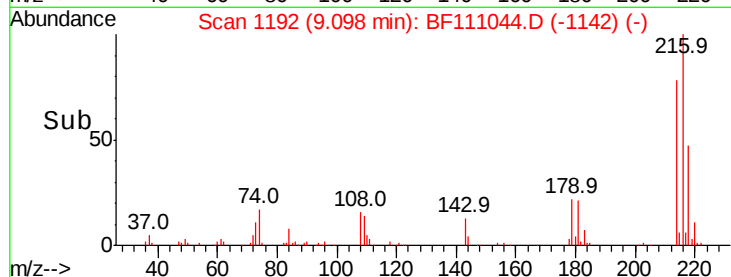
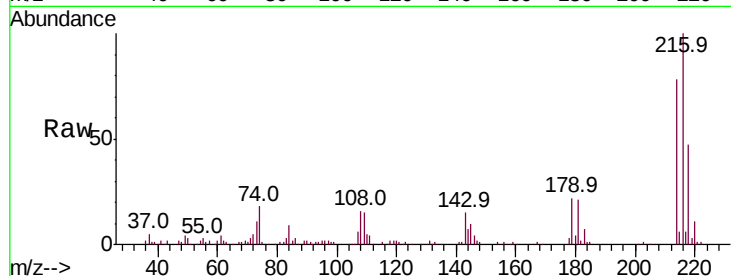
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.570 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Resp	Lower	Upper
216	100	123562		
214	78.1	63.8	95.6	
179	23.2	16.6	25.0	
108	19.5	15.1	22.7	

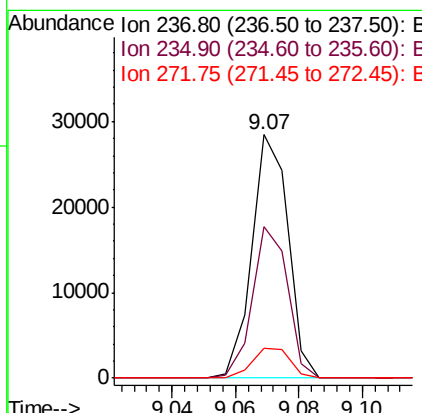
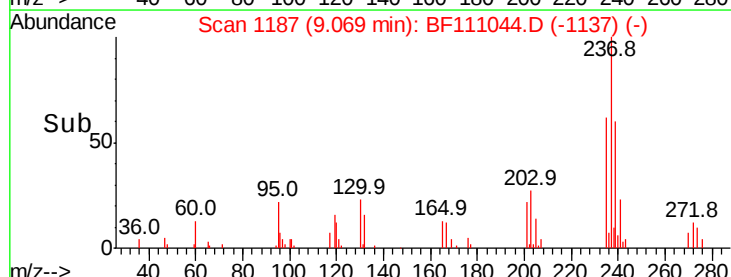
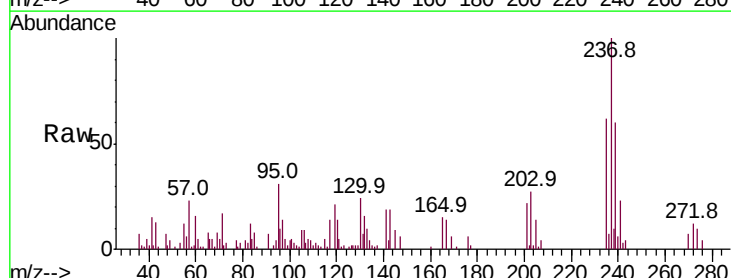
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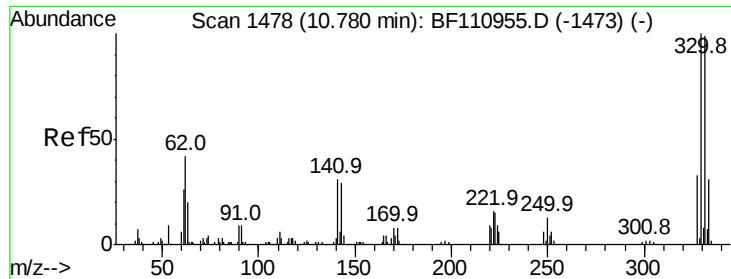
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#41
 Hexachlorocyclopentadiene
 Concen: 52.216 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	22519		
235	62.1	43.1	83.1	
272	12.3	0.0	32.6	





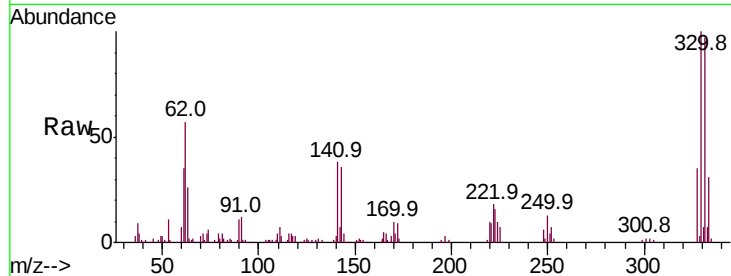
#42
 2,4,6-Tribromophenol
 Concen: 119.189 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	130715		
332	99.0	77.1	115.7	
141	38.9	27.0	40.4	

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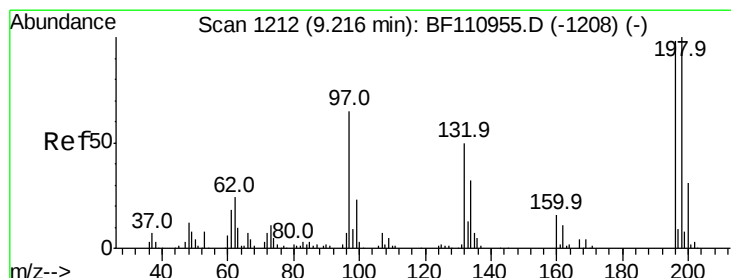
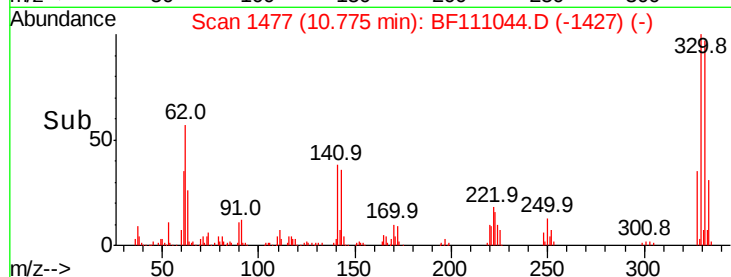
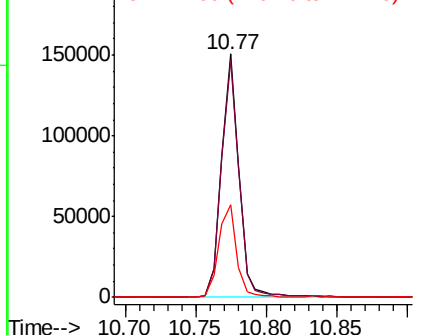


Abundance

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: 38.779 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

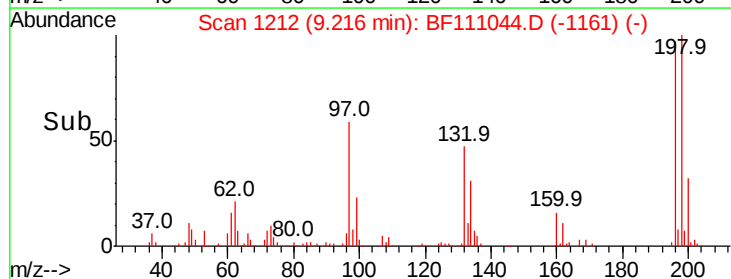
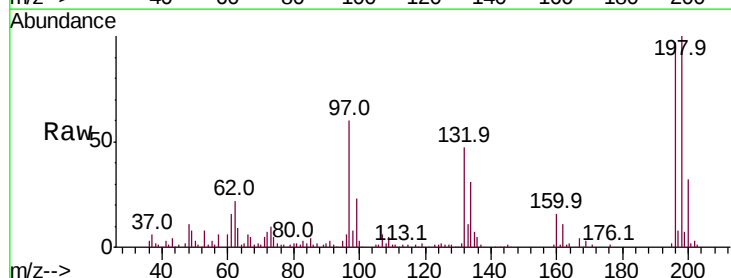
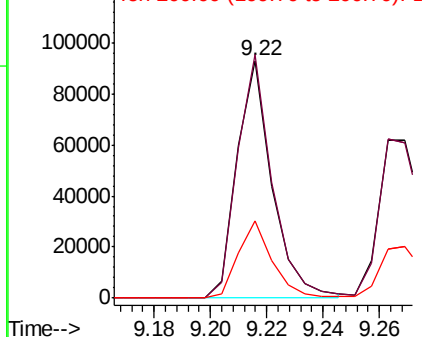
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	80454		
198	102.6	76.2	114.4	
200	32.5	24.4	36.6	

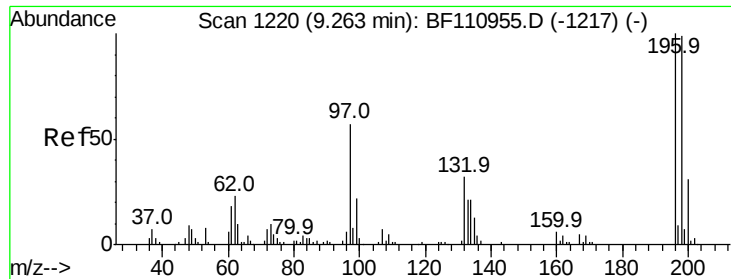
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#44

2,4,5-Trichlorophenol

Concen: 39.724 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MS

Tot Ion:196 Resp: 86779

Ion Ratio Lower Upper

196 100

198 98.4 75.8 113.6

97 52.0 42.4 63.6

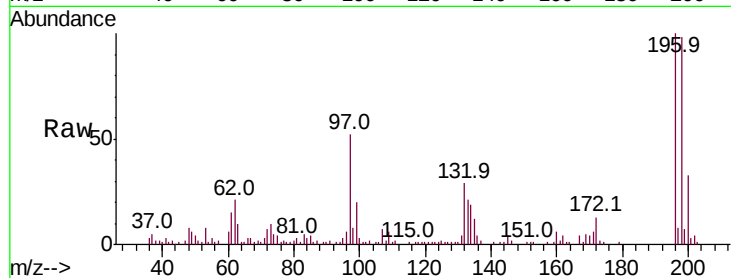
132 29.1 22.8 34.2

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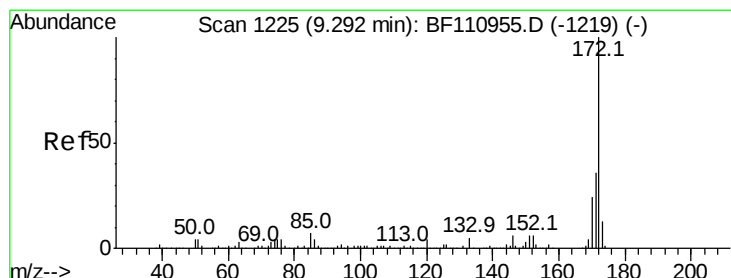
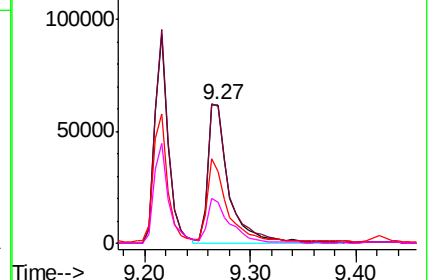
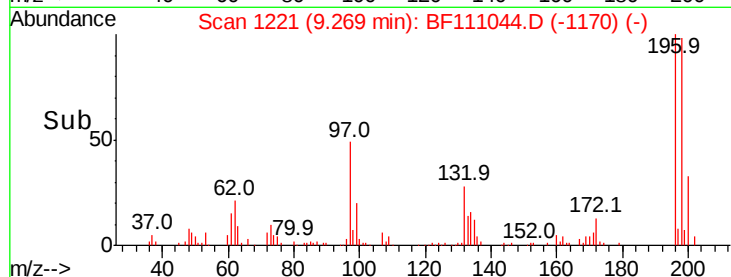
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 75.941 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

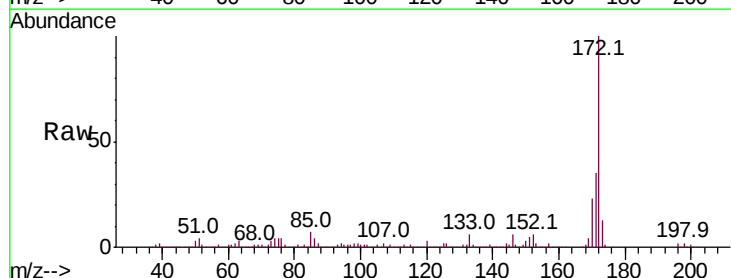
Tgt Ion:172 Resp: 578839

Ion Ratio Lower Upper

172 100

171 34.7 28.6 43.0

170 23.0 19.7 29.5

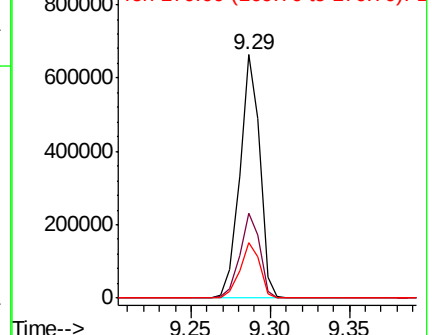
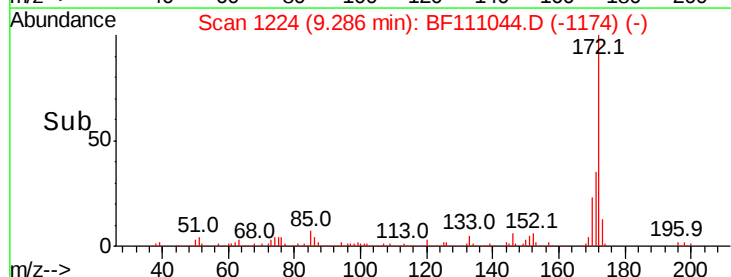


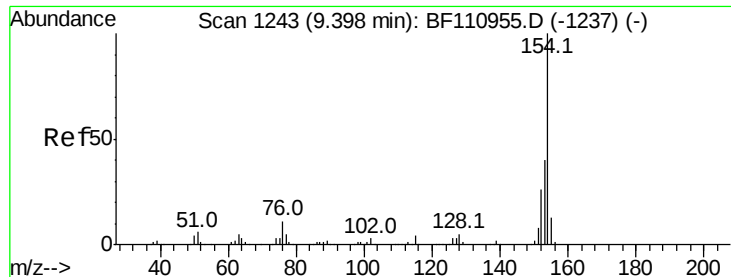
Abundance

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





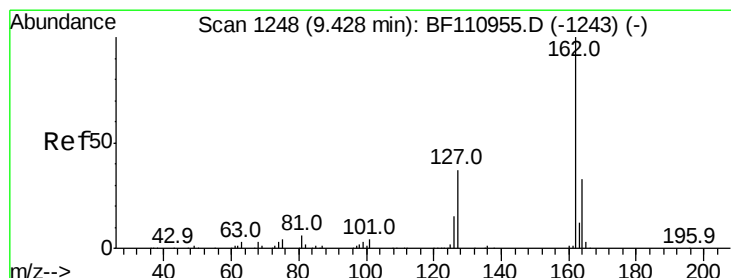
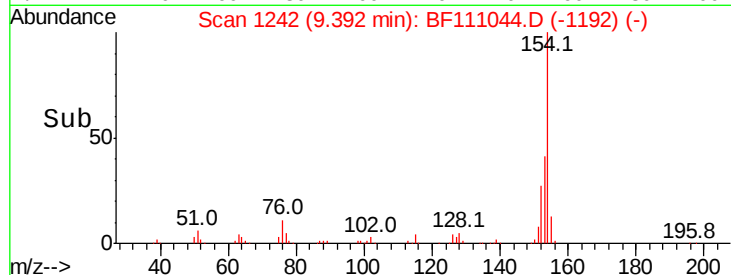
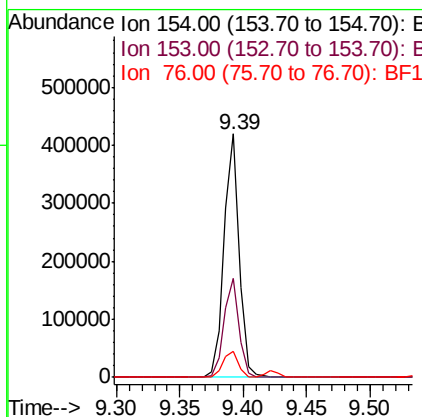
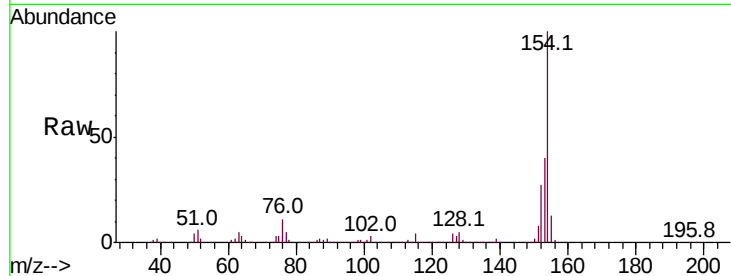
#46
 1,1'-Biphenyl
 Concen: 34.324 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	20.4	60.4	
76	10.5	0.0	31.9	

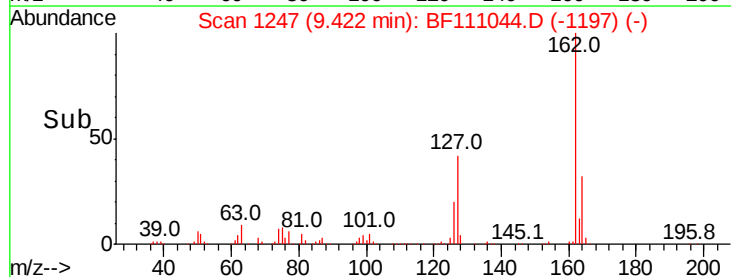
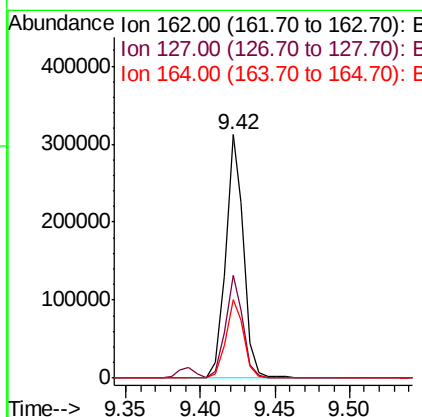
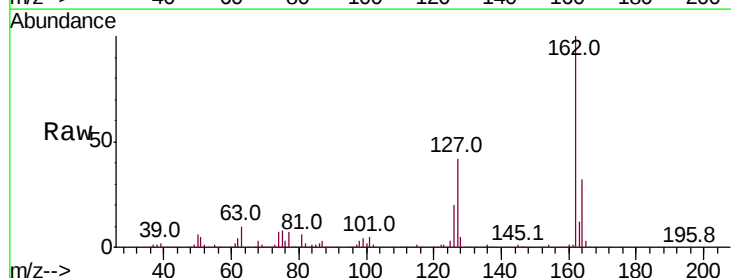
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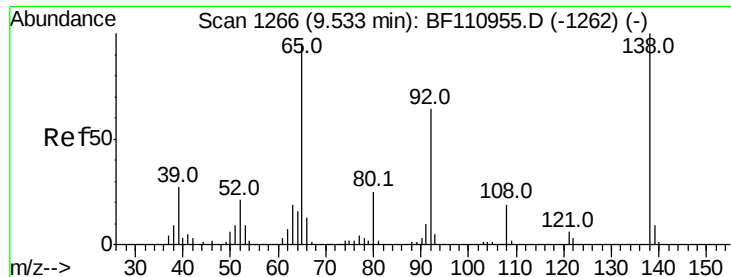
mohammad
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#47
 2-Chloronaphthalene
 Concen: 36.015 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.1	32.6	48.8	
164	32.2	25.9	38.9	





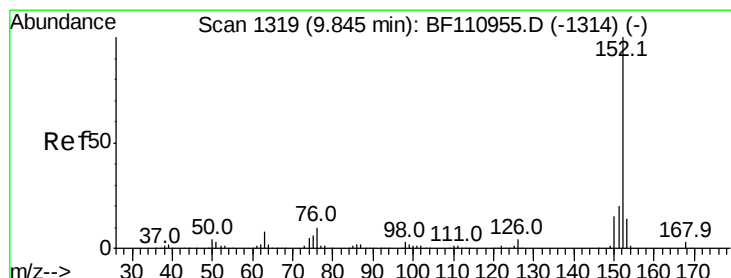
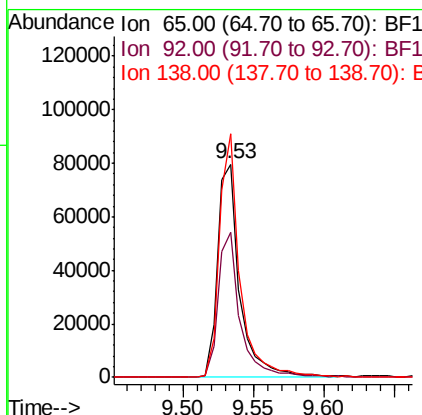
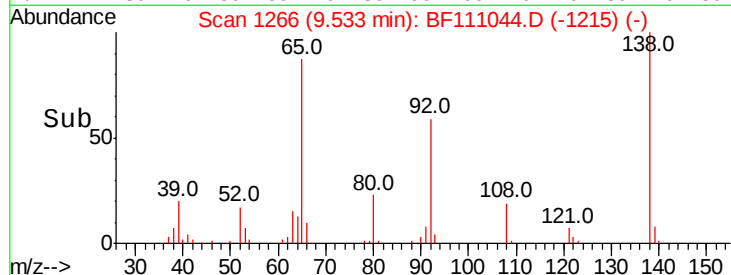
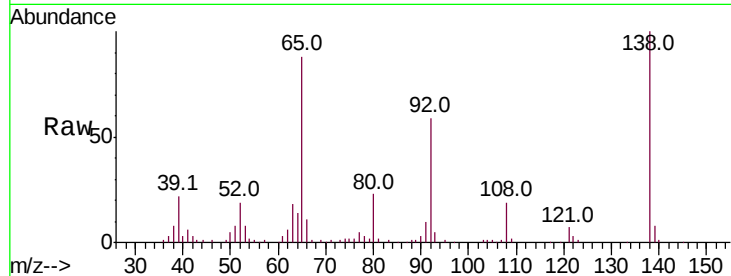
#48
 2-Nitroaniline
 Concen: 37.748 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

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

Tot Ion:	65	Resp:	87156
Ion Ratio	Lower	Upper	
65	100		
92	67.8	54.6	81.8
138	114.2	80.3	120.5

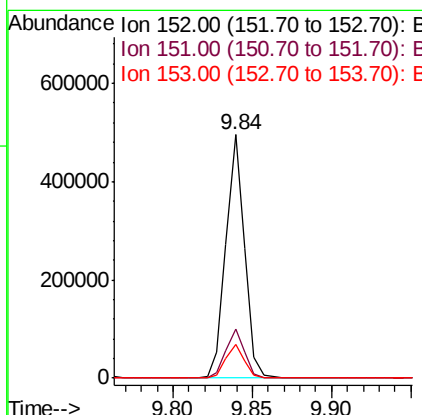
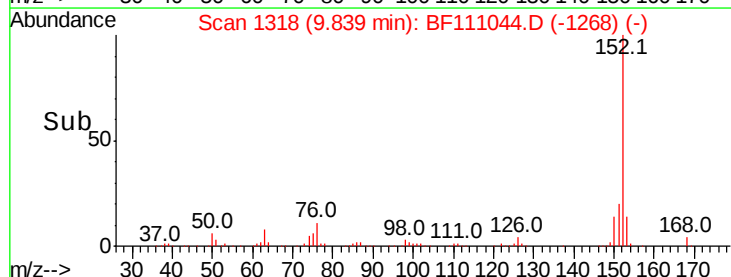
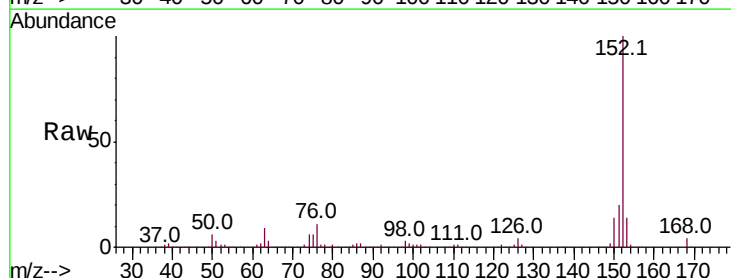
Manual Integrations
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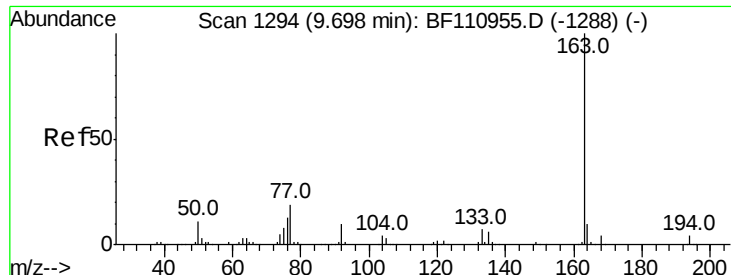
mohammad
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#49
 Acenaphthylene
 Concen: 38.449 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Tgt Ion:	152	Resp:	403580
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.8	23.8
153	13.7	10.4	15.6





#50

Dimethylphthalate

Concen: 43.393 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

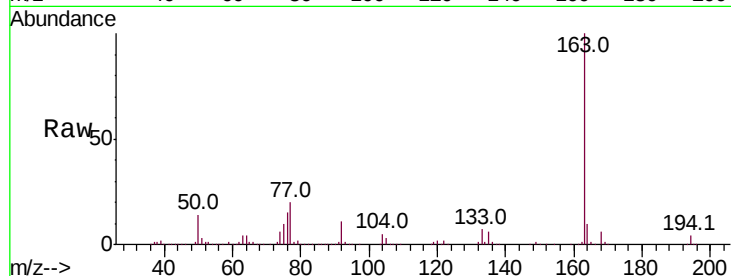
ClientSampleId :

USTS-1-2-3MS

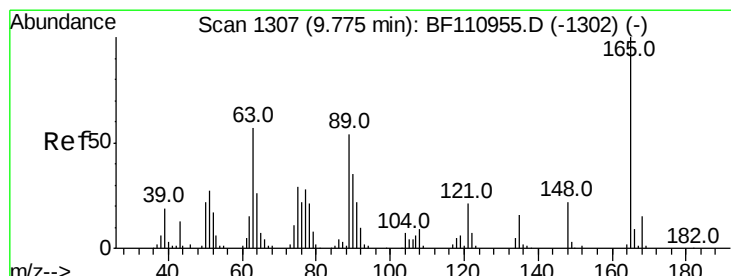
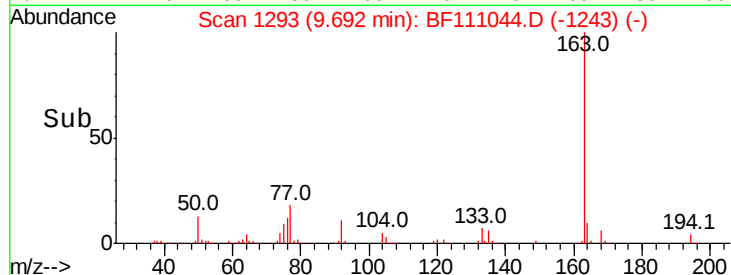
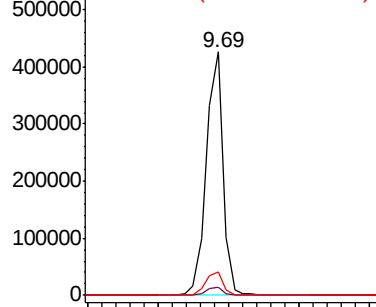
Tot Ion:	163	Resp:	351431
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.2	4.8
164	9.8	8.1	12.1

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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: 37.367 ng

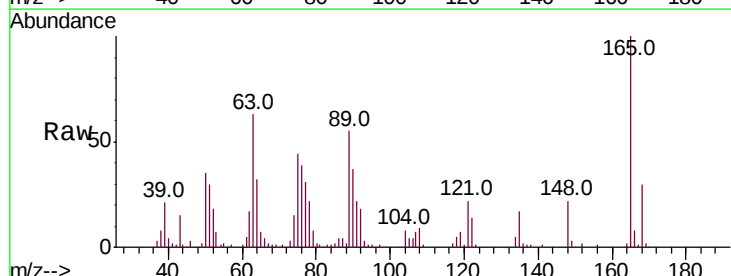
RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

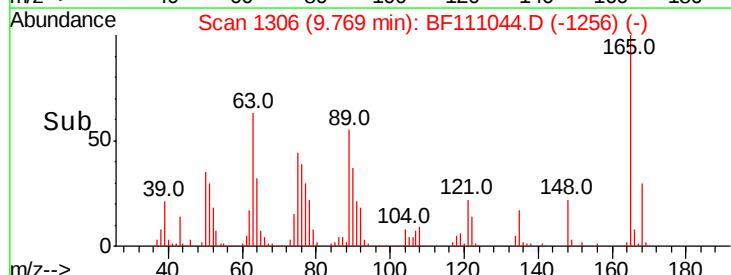
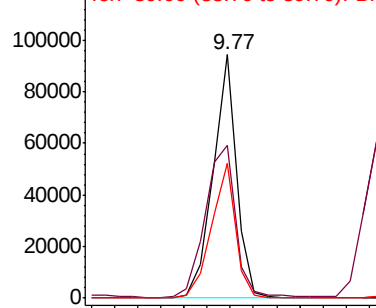
Lab File: BF111044.D

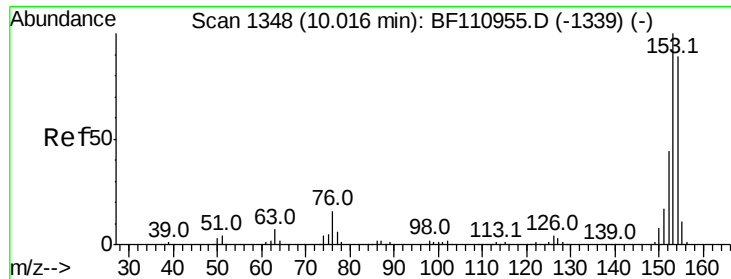
Acq: 28 Nov 2018 14:38

Tgt Ion:	165	Resp:	67371
Ion Ratio	Lower	Upper	
165	100		
63	63.0	48.9	73.3
89	55.1	46.6	69.8



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: 36.387 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

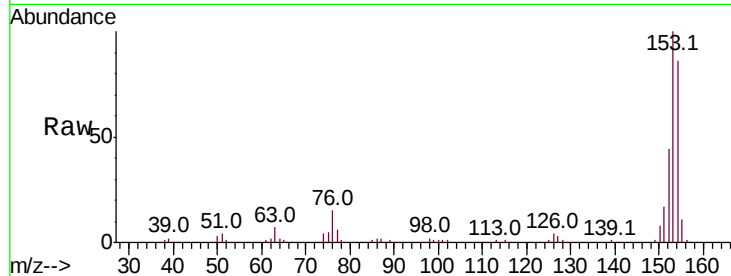
ClientSampleId :

USTS-1-2-3MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.6	90.1	135.1
152	51.0	43.4	65.2

Manual Integrations
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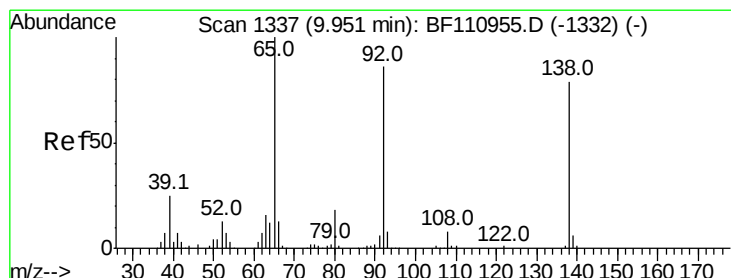
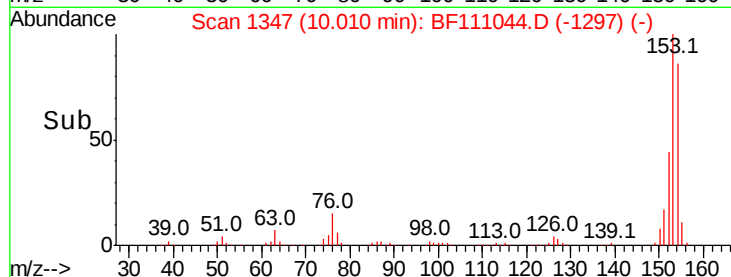
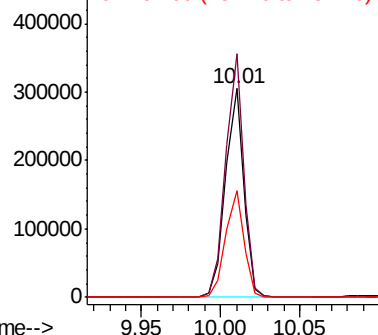


Abundance

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: 20.883 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

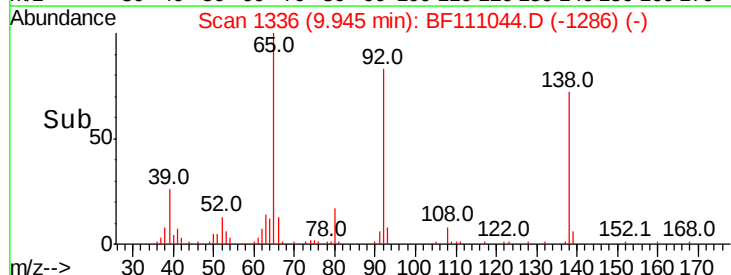
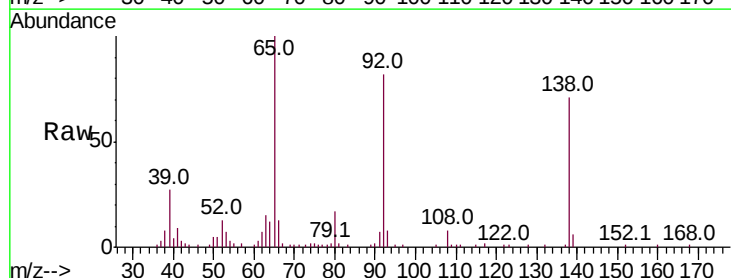
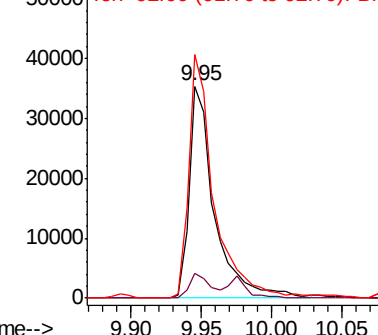
Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.7	13.1
92	115.0	97.0	145.4

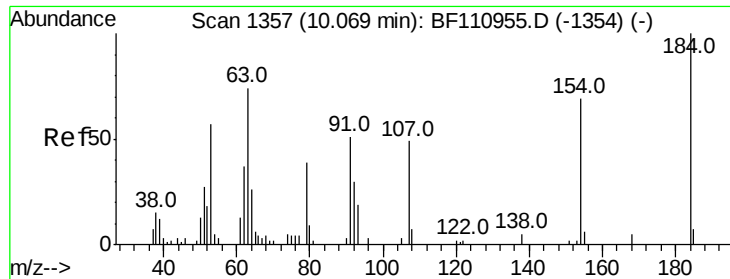
Abundance

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





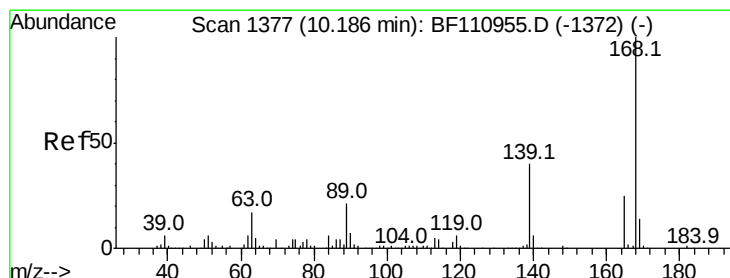
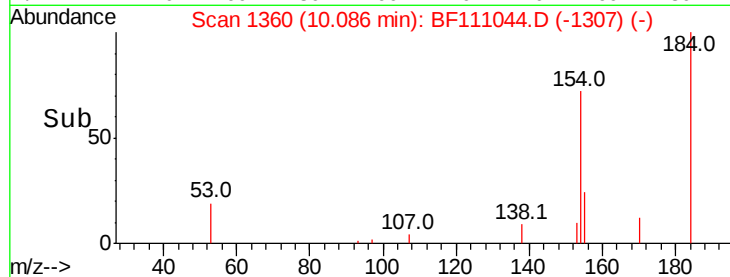
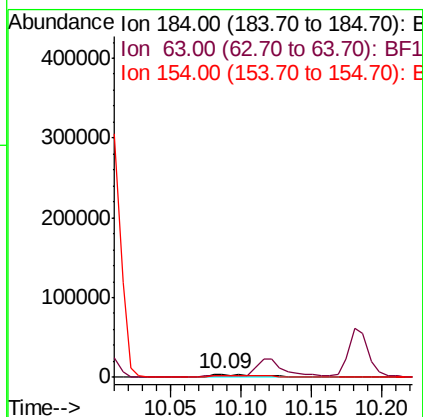
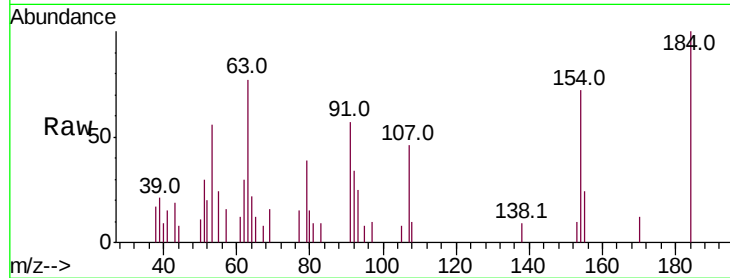
#54
 2,4-Dinitrophenol
 Concen: 18.800 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	76.8	55.8	83.6
154	72.3	63.2	94.8

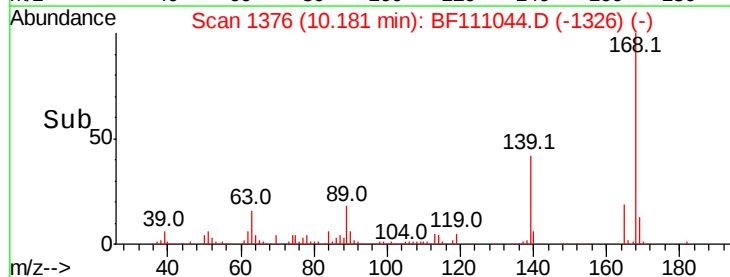
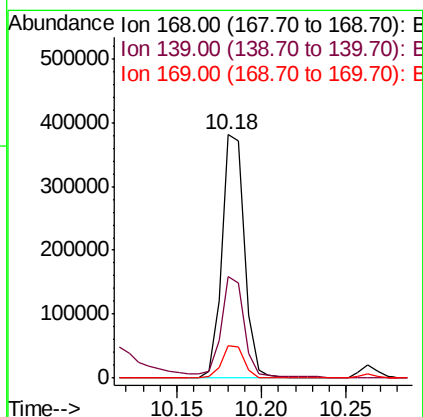
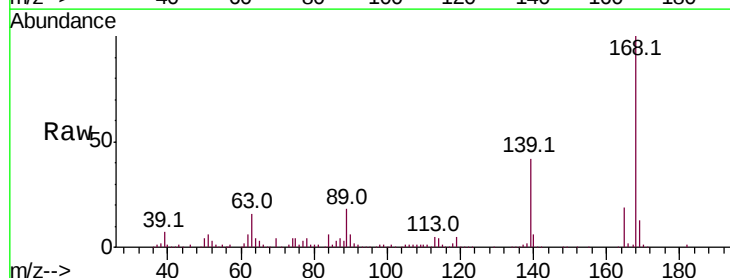
Manual Integrations
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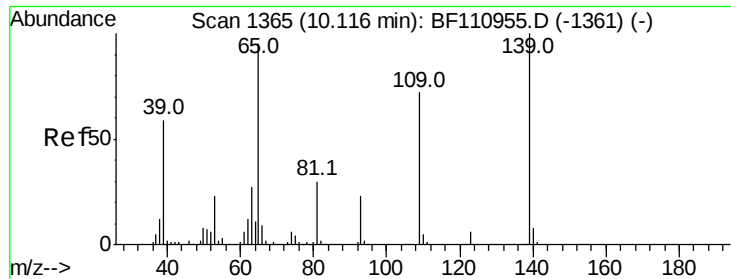
mohammad
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#55
 Dibenzofuran
 Concen: 36.189 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.8	33.0	49.6
169	13.3	11.3	16.9





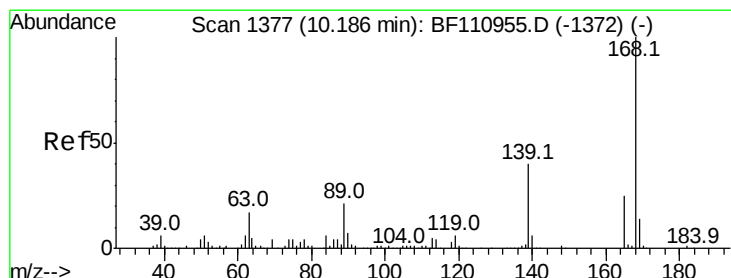
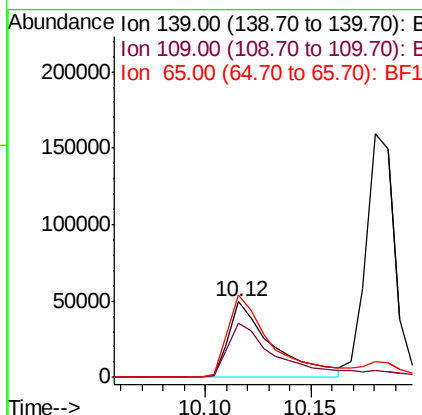
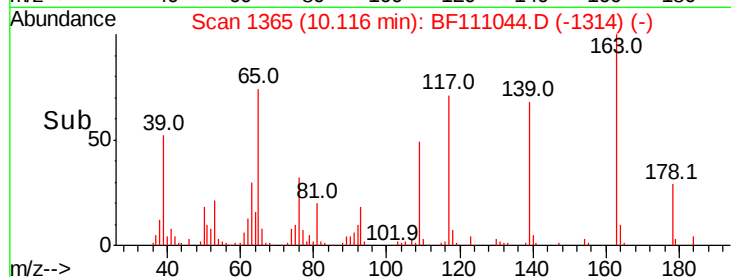
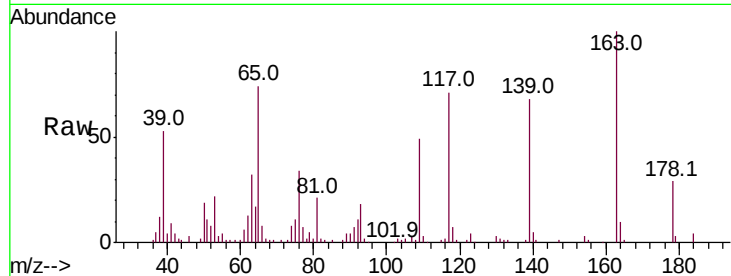
#56
4-Nitrophenol
Concen: 61.815 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Lower	Upper
139	100		
109	71.8	55.8	95.8
65	109.6	77.9	117.9

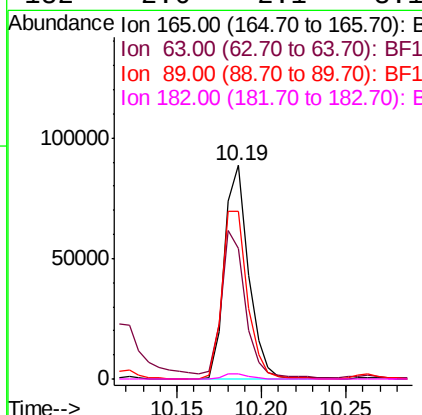
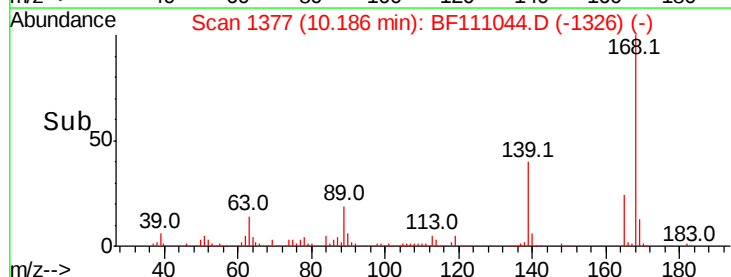
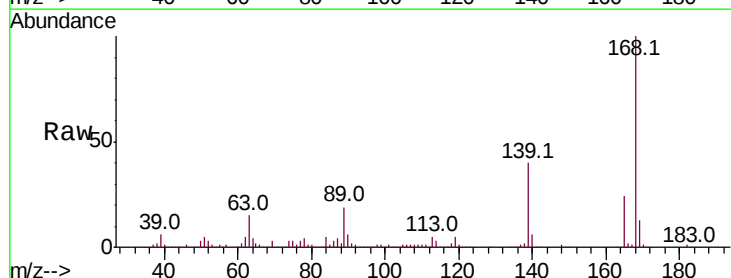
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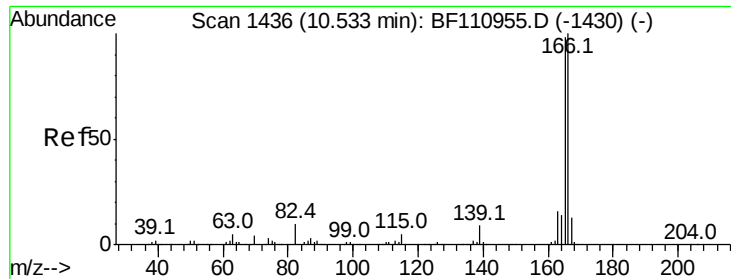
mohammad
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#57
2,4-Dinitrotoluene
Concen: 37.850 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.3	44.8	67.2
89	78.8	62.2	93.4
182	2.6	2.1	3.1





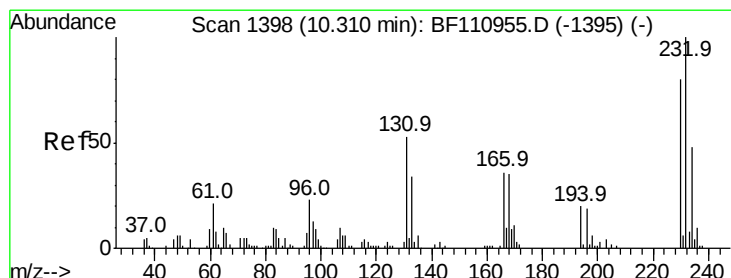
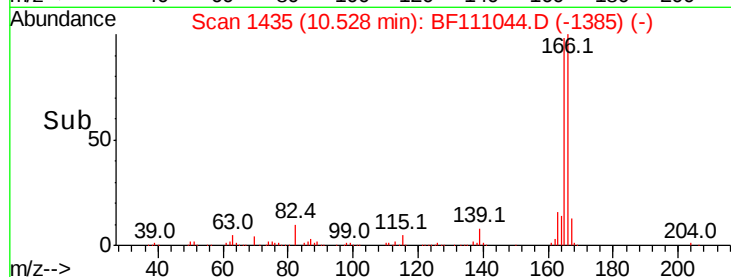
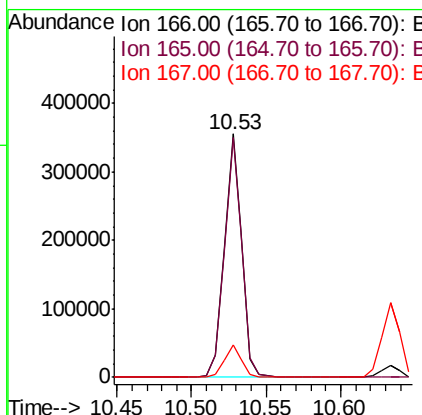
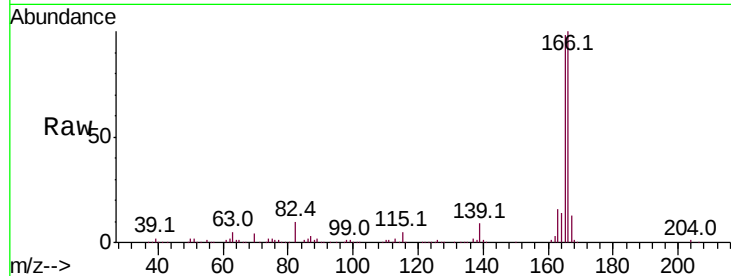
#58
 Fluorene
 Concen: 38.326 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	117.8
167	13.3	10.8	16.2

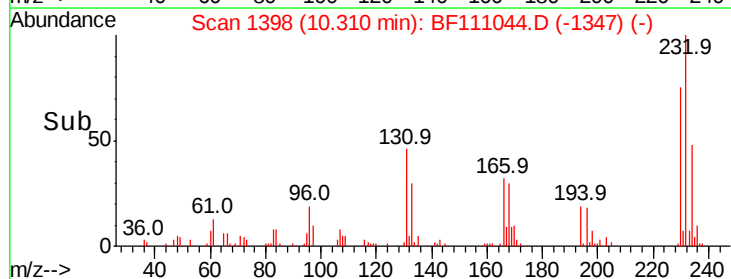
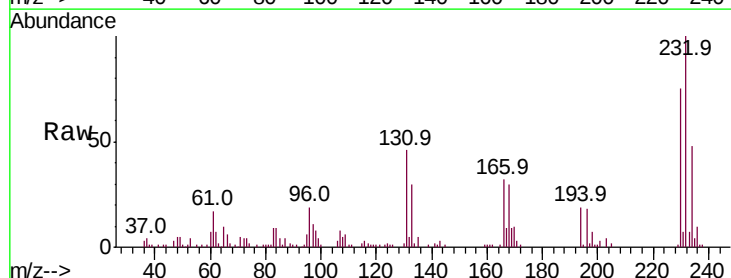
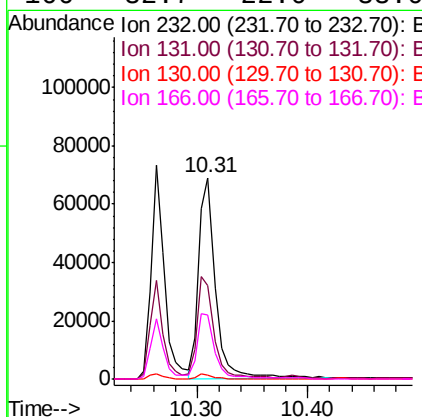
Manual Integrations
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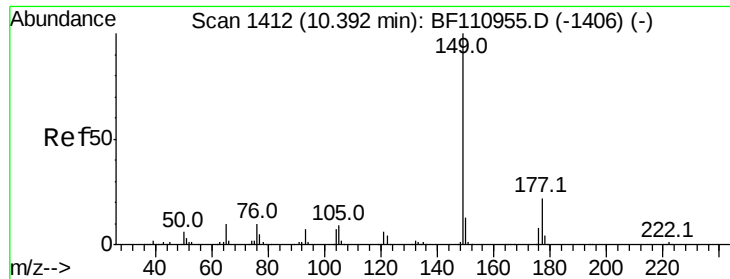
mohammad
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#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.434 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.9	37.0	55.4
130	2.3	1.8	2.6
166	32.7	22.0	33.0





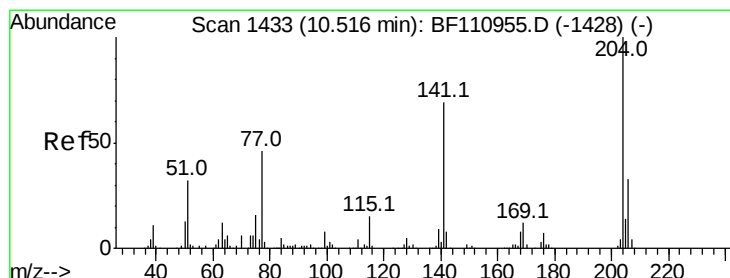
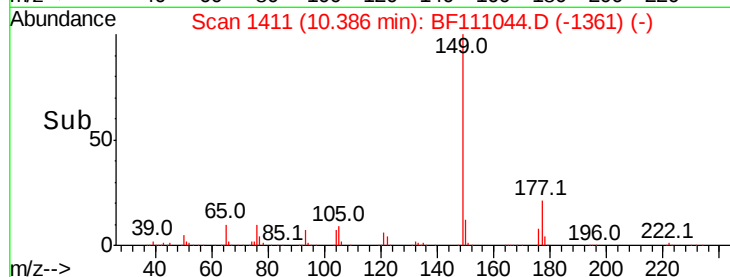
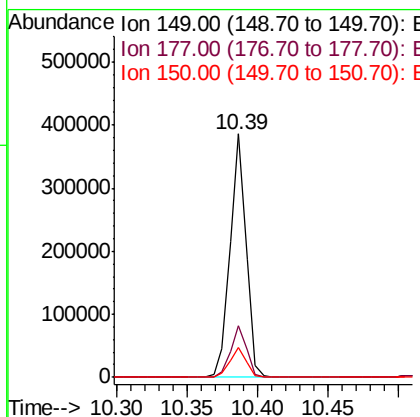
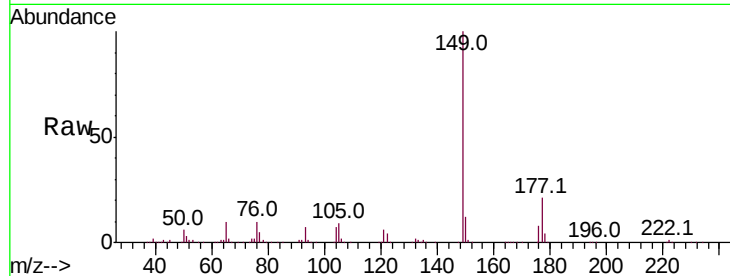
#60
Diethylphthalate
Concen: 36.687 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.4	26.2
150	12.3	9.8	14.8

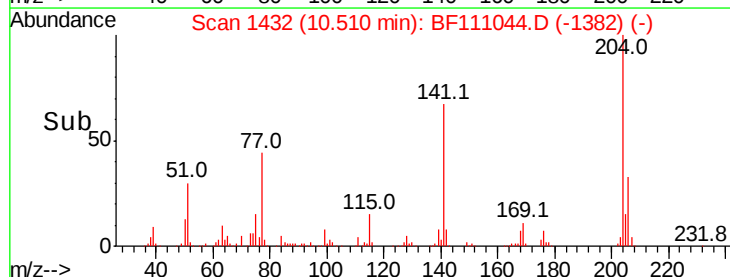
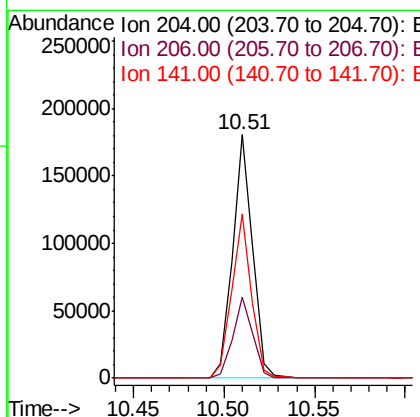
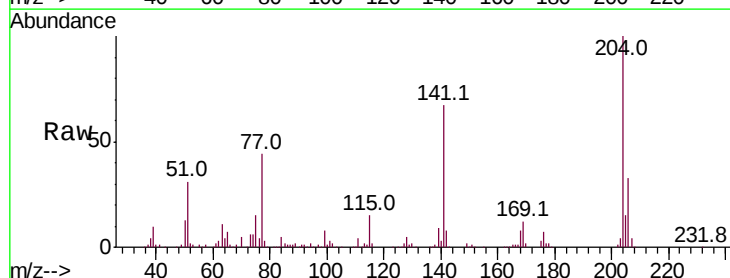
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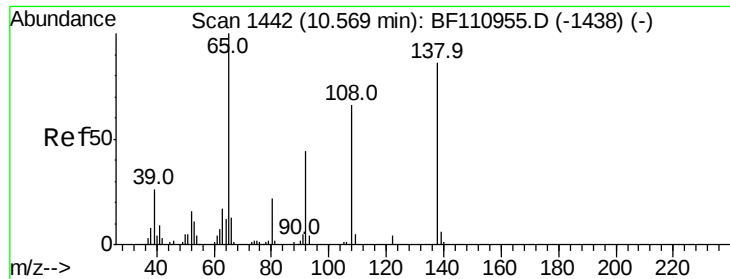
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#61
4-Chlorophenyl-phenylether
Concen: 34.544 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	67.3	51.8	77.8





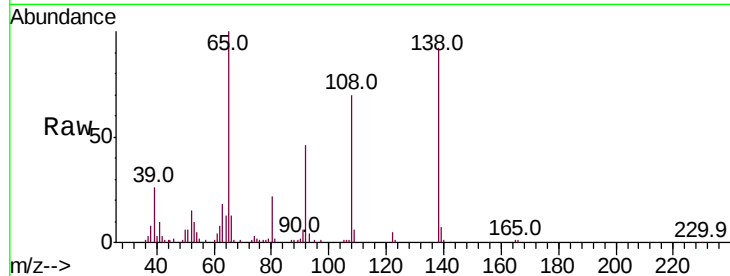
#62
4-Nitroaniline
Concen: 34.528 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

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

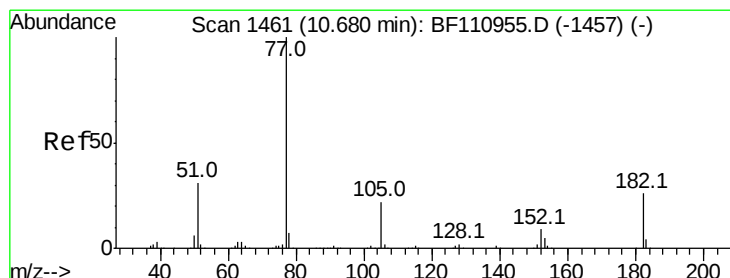
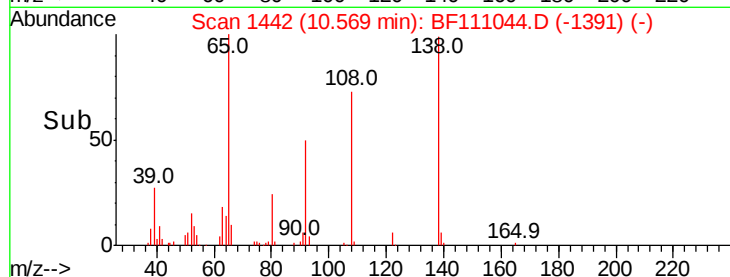
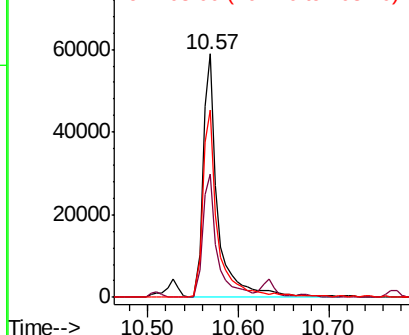
Tot Ion	Ratio	Lower	Upper
138	100		
92	50.4	31.7	71.7
108	76.8	59.3	99.3

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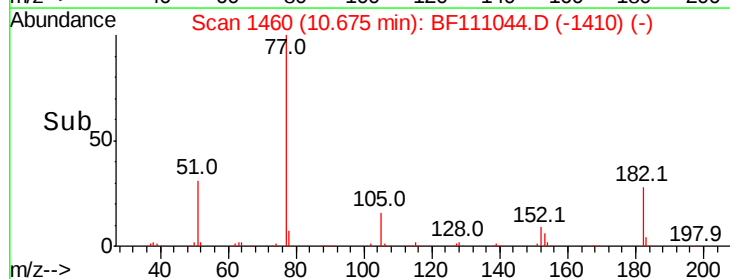
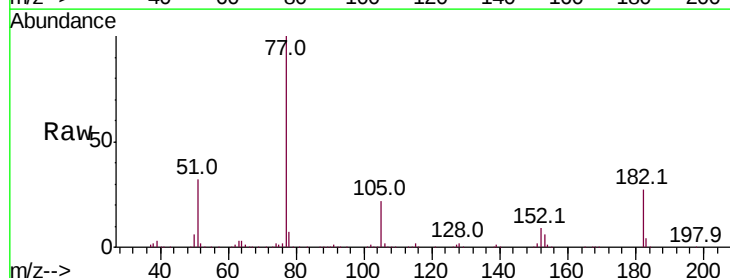
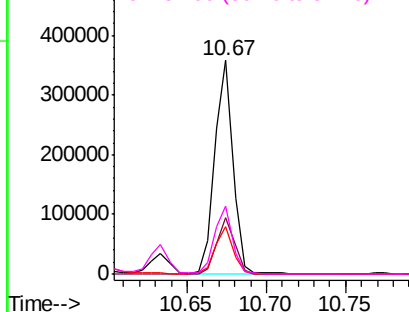
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

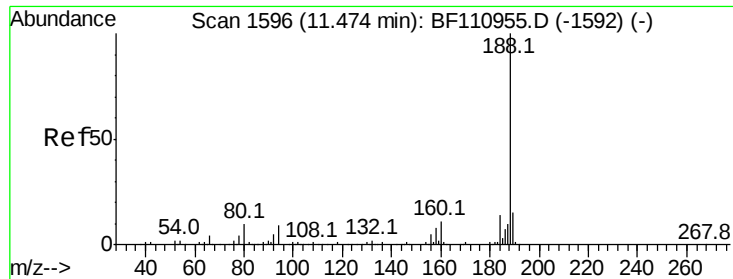


#63
Azobenzene
Concen: 34.985 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.6	4.3	44.3
105	22.0	1.3	41.3
51	31.6	9.0	49.0

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

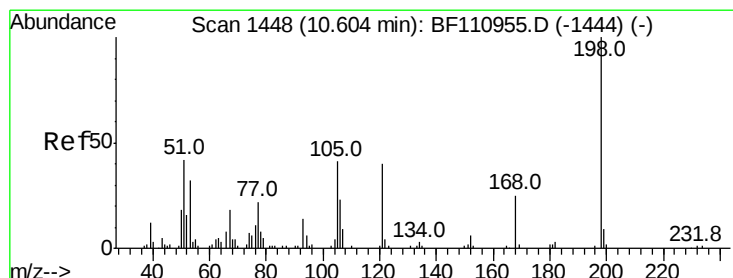
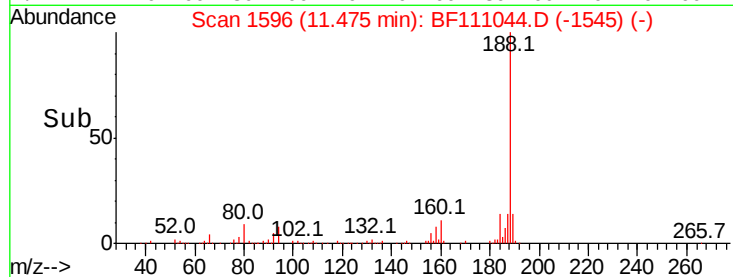
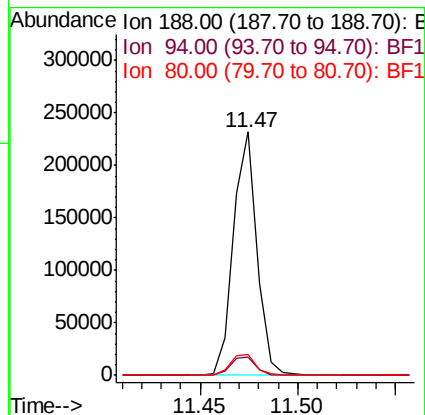
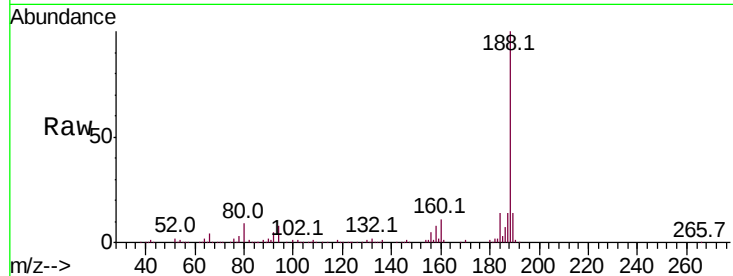
ClientSampleId :

USTS-1-2-3MS

Tot Ion:	188	Resp:	193478
Ion Ratio	Lower	Upper	
188	100		
94	7.7	7.2	10.8
80	8.6	7.9	11.9

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#65

4,6-Dinitro-2-methylphenol

Concen: 28.071 ng

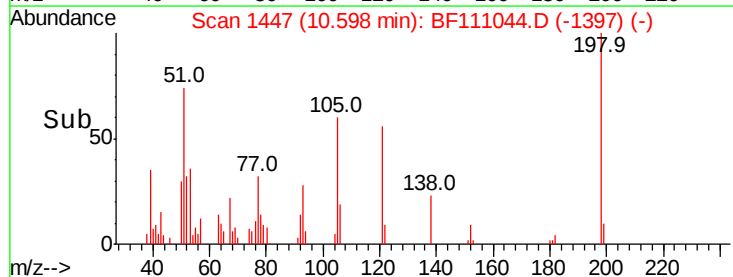
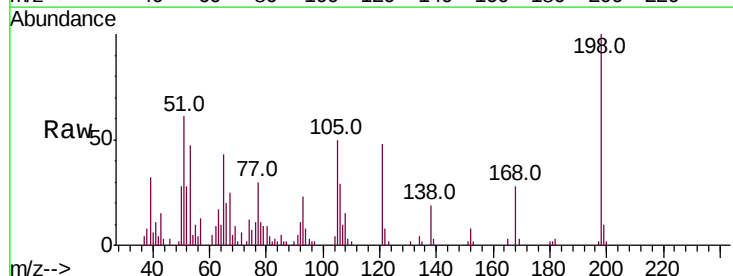
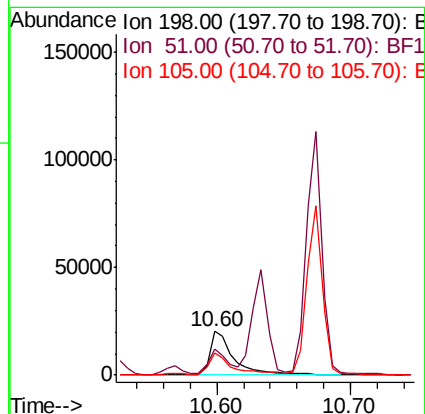
RT: 10.60 min Scan# 1447

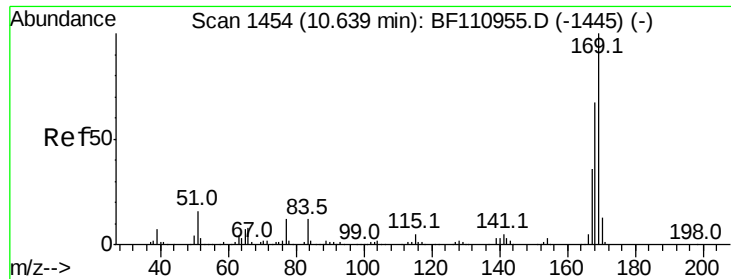
Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Tgt Ion:	198	Resp:	25691
Ion Ratio	Lower	Upper	
198	100		
51	60.6	22.8	62.8
105	49.6	23.6	63.6





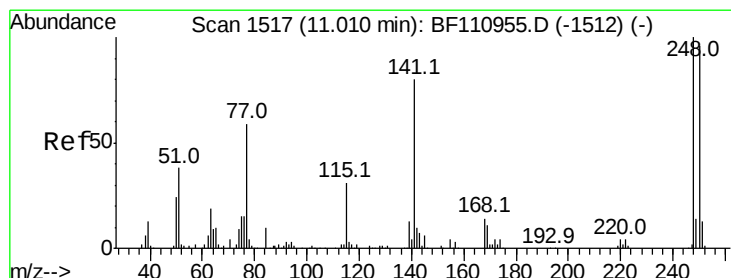
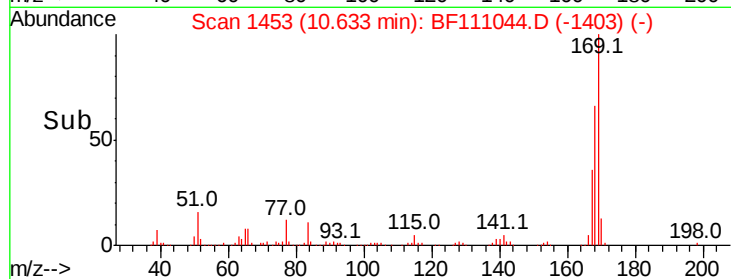
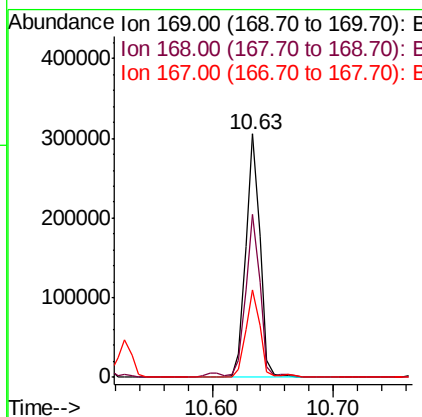
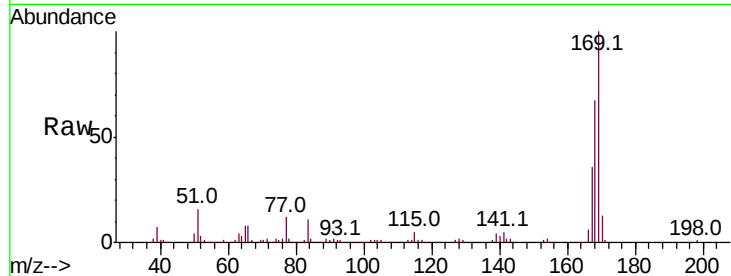
#66
 n-Nitrosodiphenylamine
 Concen: 39.088 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.8	51.2	76.8
167	35.8	27.8	41.6

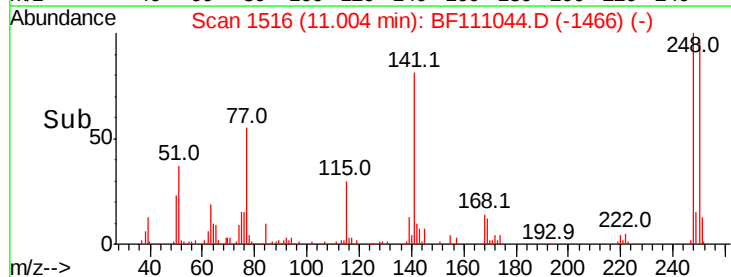
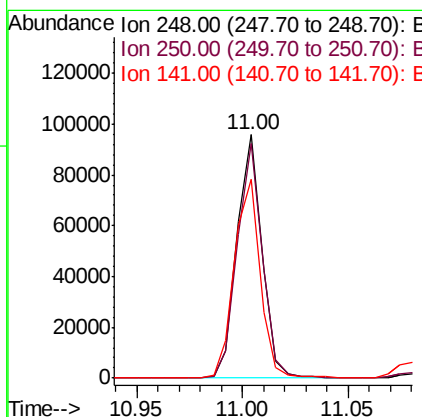
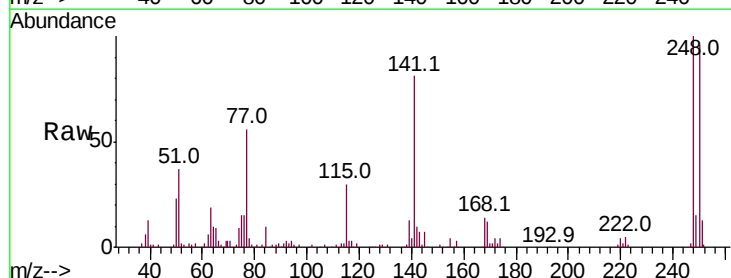
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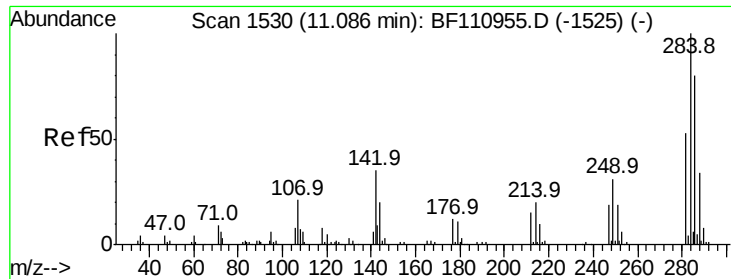
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#67
 4-Bromophenyl-phenylether
 Concen: 37.045 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	79.4	119.2
141	81.5	55.9	83.9





#68

Hexachlorobenzene

Concen: 35.686 ng

RT: 11.08 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

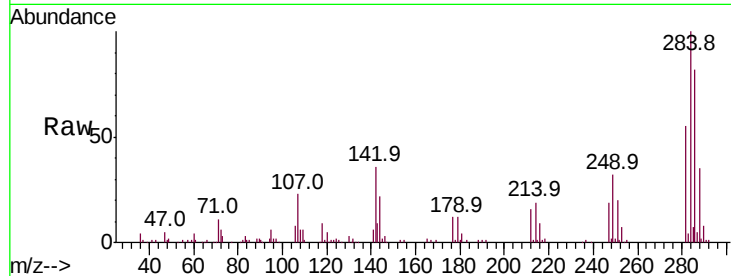
ClientSampleId :

USTS-1-2-3MS

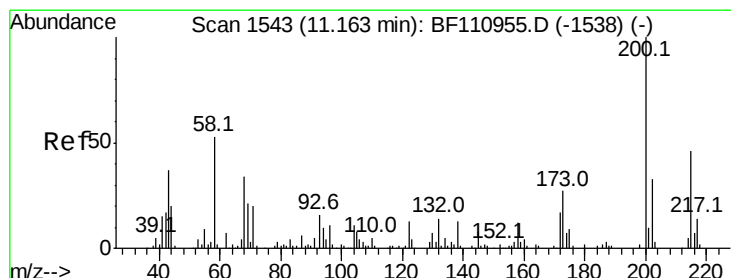
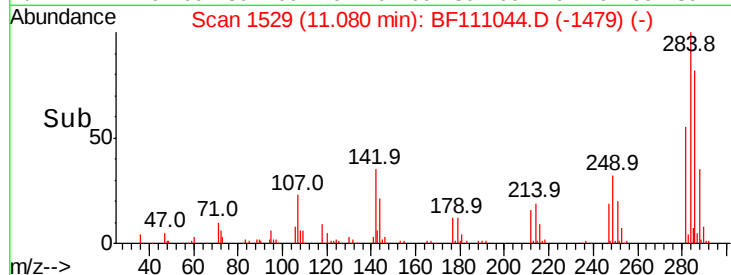
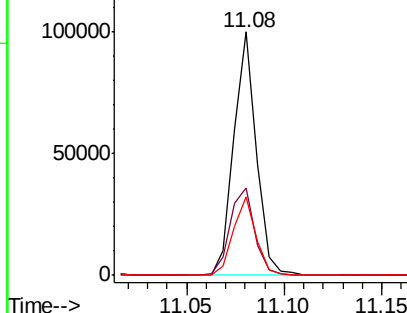
Tot Ion:	284	Resp:	80094
Ion Ratio	Lower	Upper	
284	100		
142	35.9	23.9	35.9#
249	32.2	24.2	36.2

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 48.712 ng

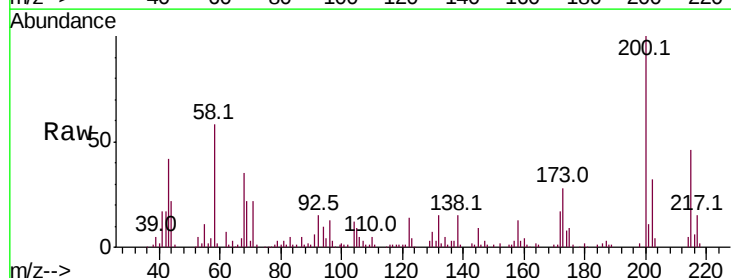
RT: 11.16 min Scan# 1542

Delta R.T. -0.01 min

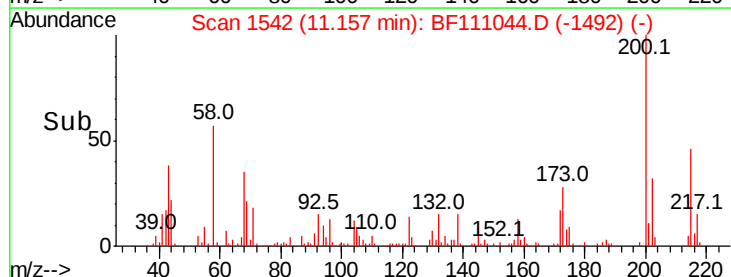
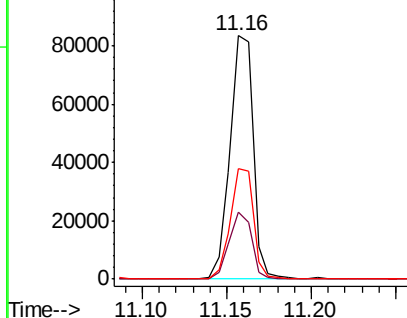
Lab File: BF111044.D

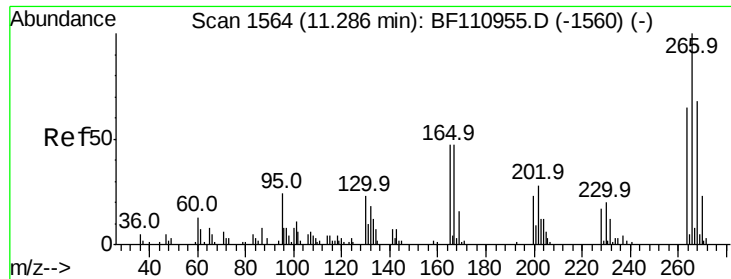
Acq: 28 Nov 2018 14:38

Tgt Ion:	200	Resp:	79246
Ion Ratio	Lower	Upper	
200	100		
173	27.5	6.6	46.6
215	45.6	26.3	66.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





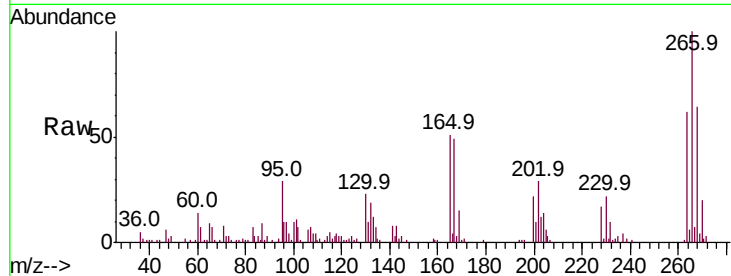
#70
 Pentachlorophenol
 Concen: 68.313 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Resp	Lower	Upper
266	100	60999		
268	64.1		50.6	75.8
264	62.0		50.6	75.8

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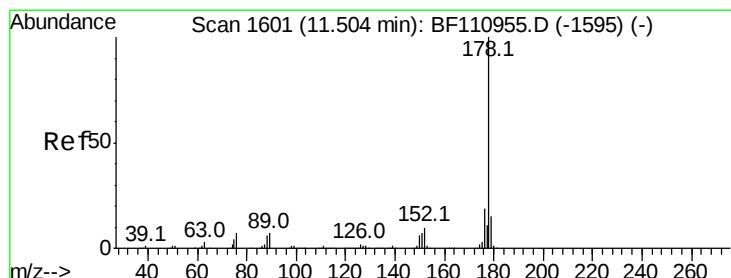
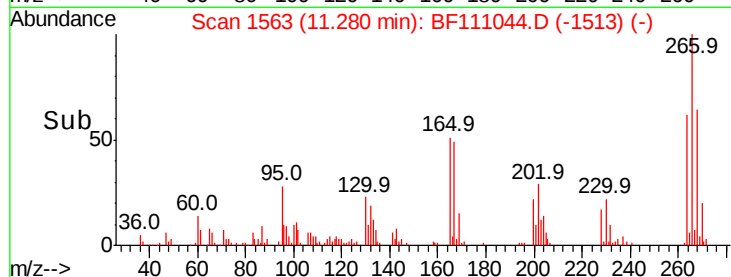
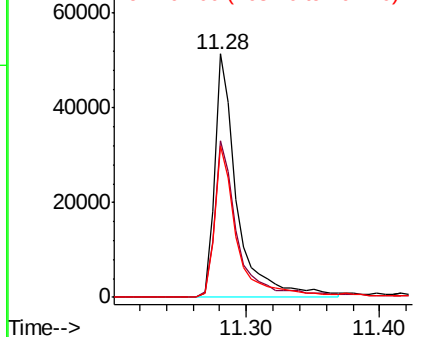


Abundance

Ion 265.70 (265.40 to 266.40): E

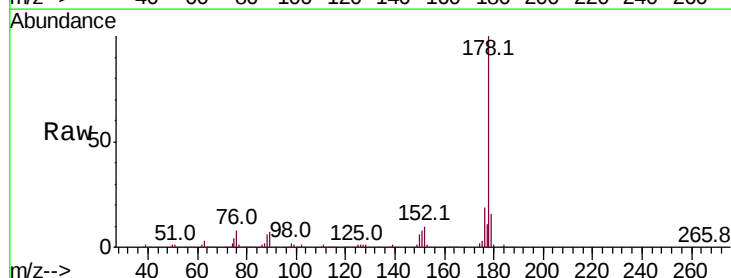
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 39.531 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	405077		
176	19.5		15.5	23.3
179	15.6		12.5	18.7

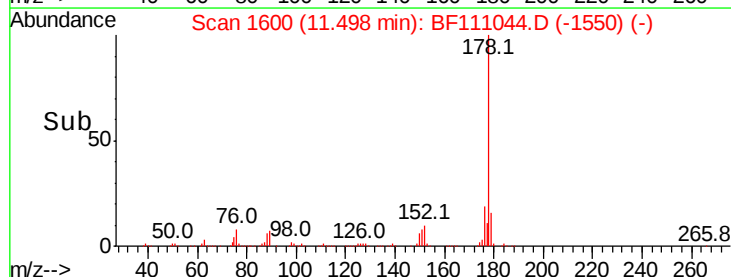
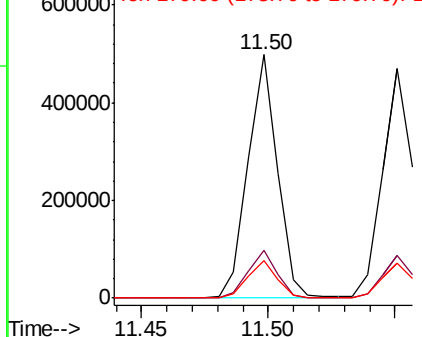


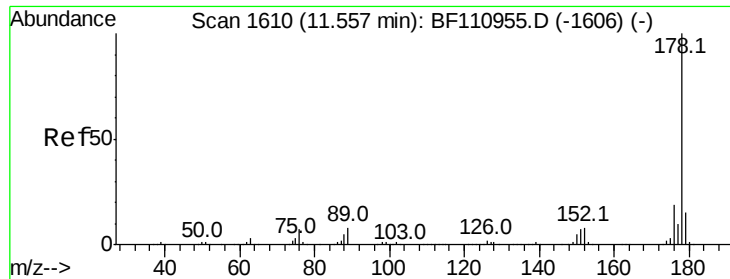
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





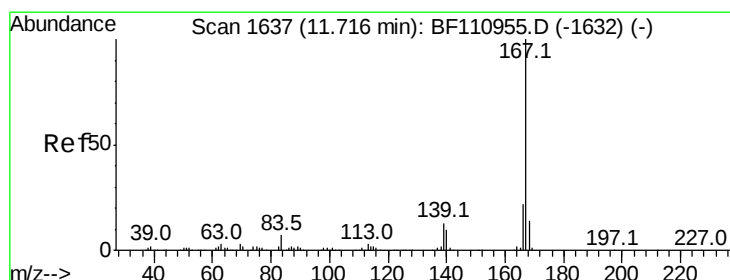
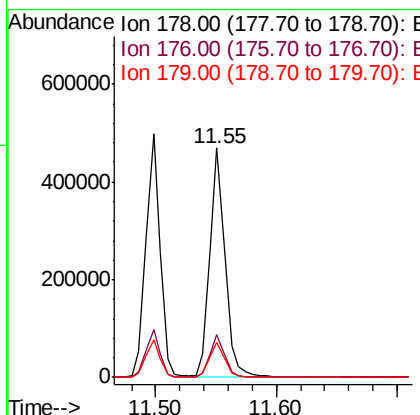
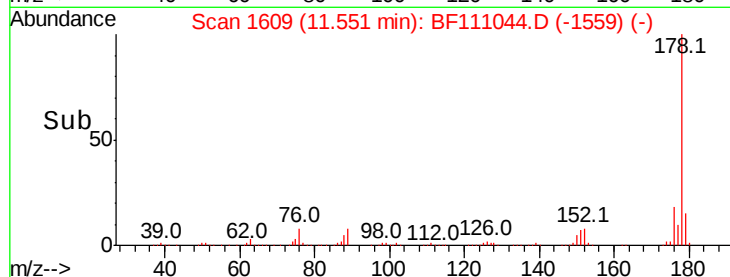
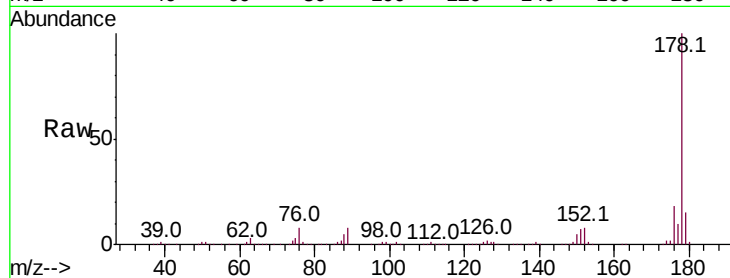
#72
 Anthracene
 Concen: 39.470 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.5	12.6	18.8

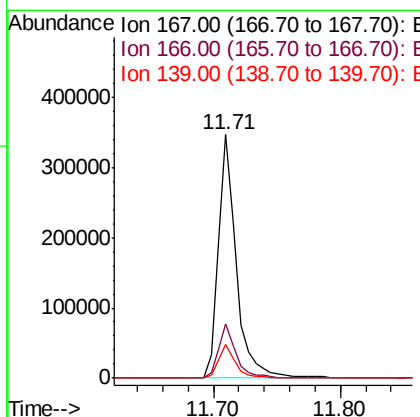
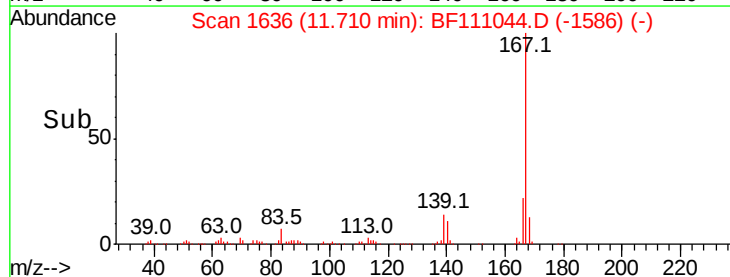
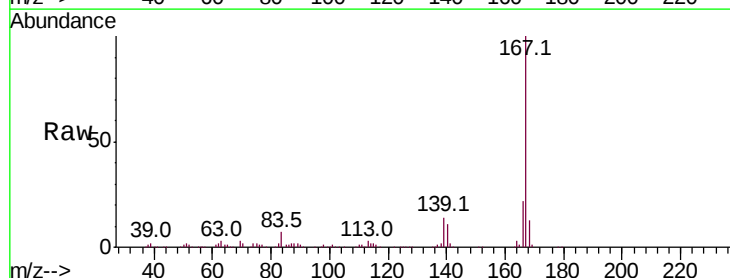
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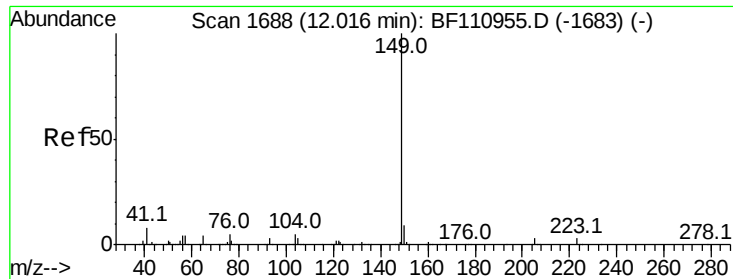
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#73
 Carbazole
 Concen: 34.459 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.0
139	13.8	10.9	16.3





#74

Di-n-butylphthalate

Concen: 36.864 ng

RT: 12.01 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

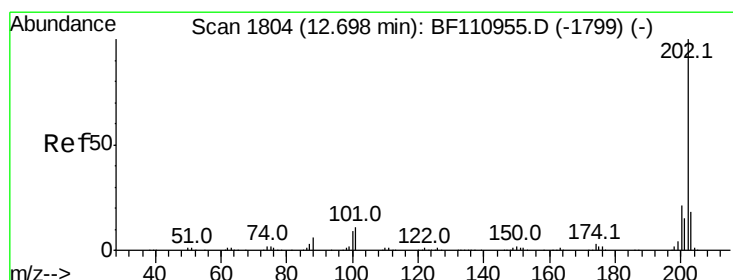
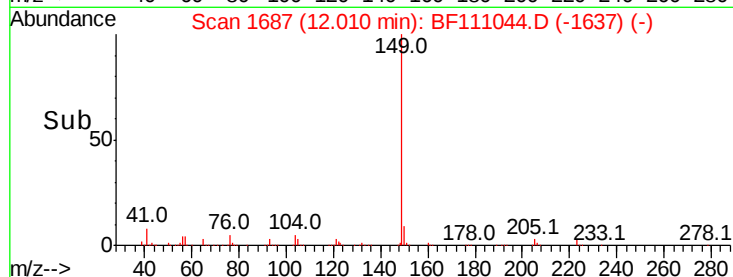
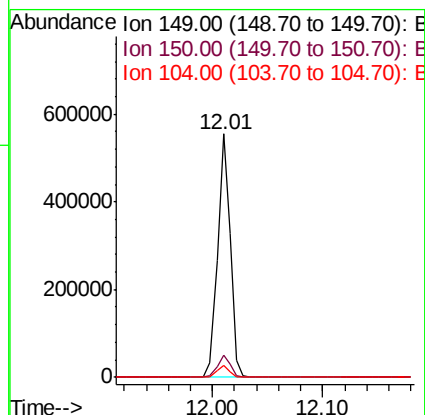
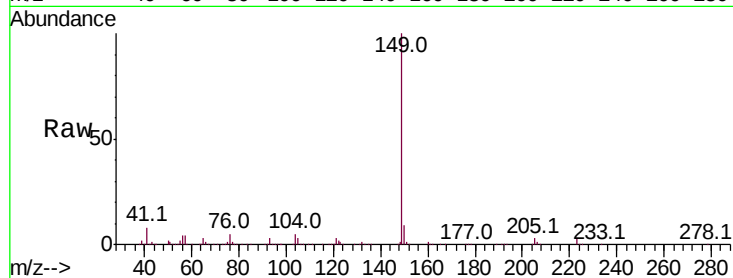
ClientSampleId :

USTS-1-2-3MS

Tot Ion:	149	Resp:	436570
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	5.1	4.2	6.4

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#75

Fluoranthene

Concen: 34.619 ng

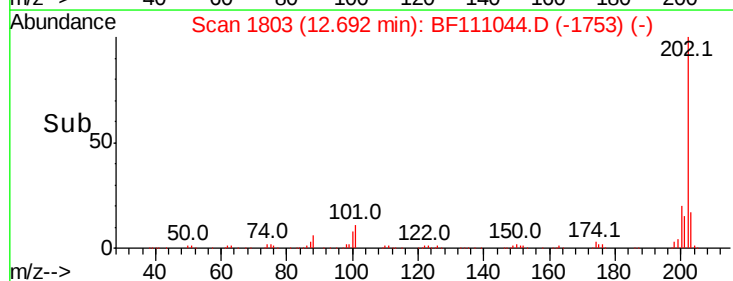
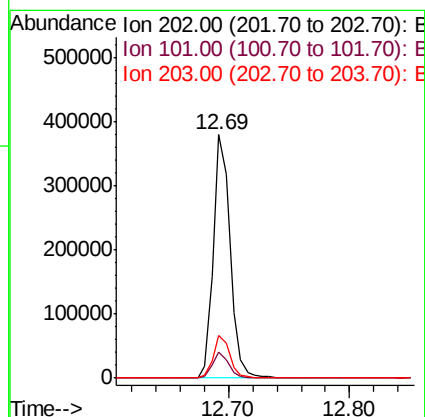
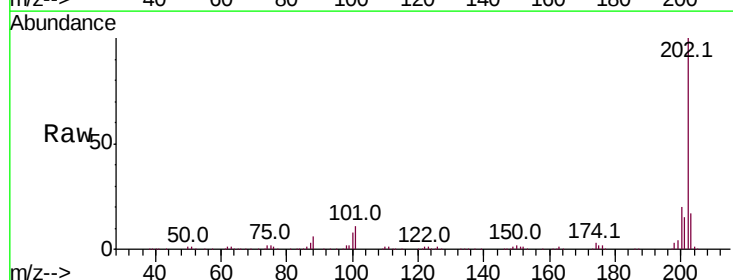
RT: 12.69 min Scan# 1803

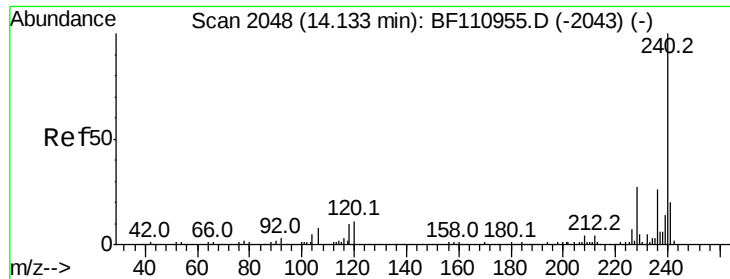
Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Tgt Ion:	202	Resp:	364604
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	31.4
203	17.3	0.0	37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

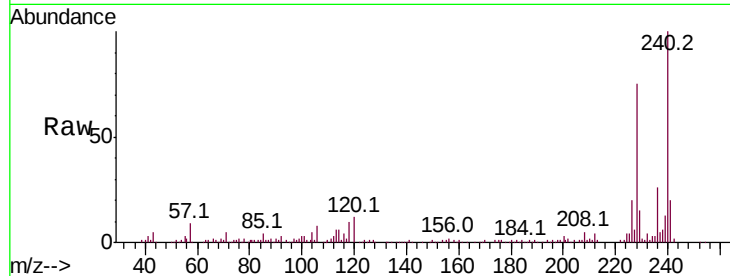
ClientSampleId :

USTS-1-2-3MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.3	12.5
236	25.5	21.2	31.8

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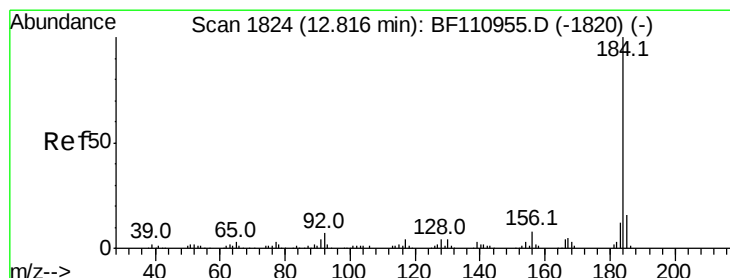
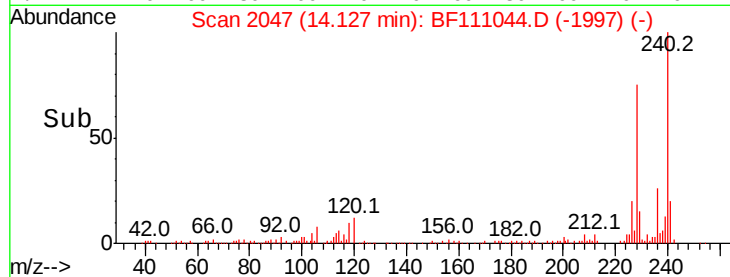
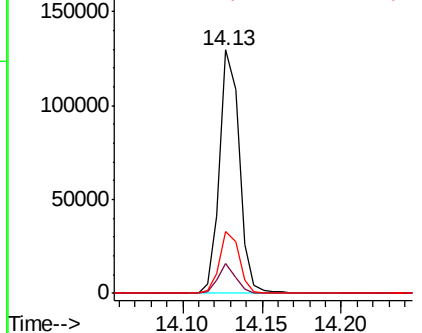
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 31.534 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF111044.D

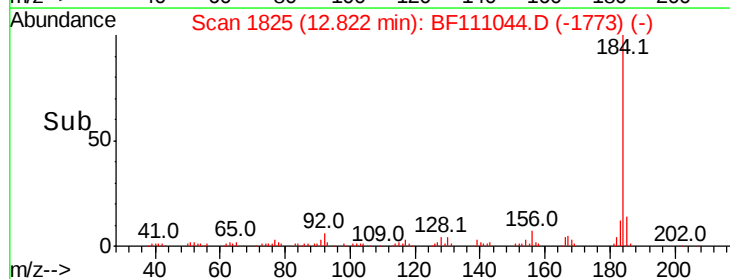
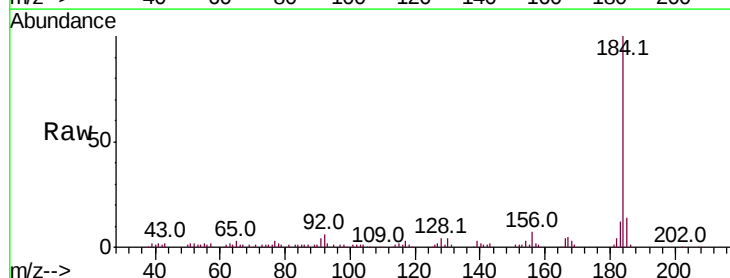
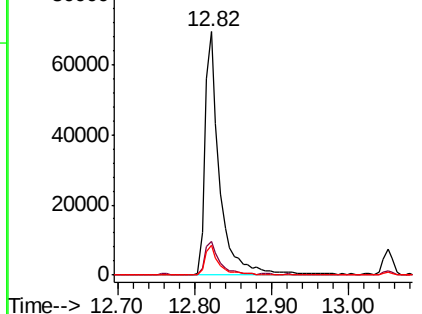
Acq: 28 Nov 2018 14:38

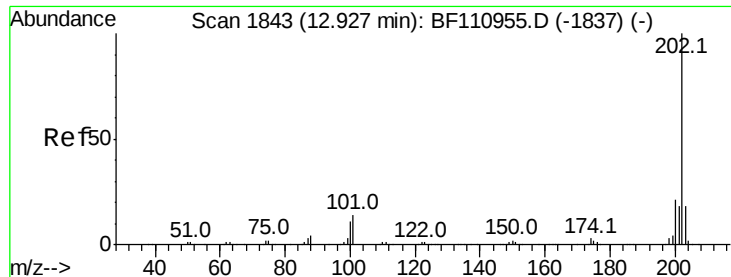
Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	13.4	20.2
183	12.4	9.4	14.2

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





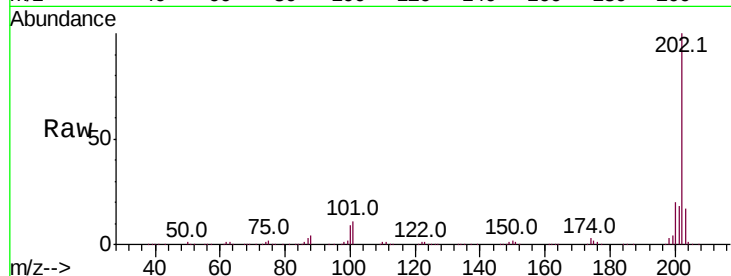
#78
Pvrene
Concen: 43.434 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.0	17.8	26.6
203	16.7	14.2	21.4

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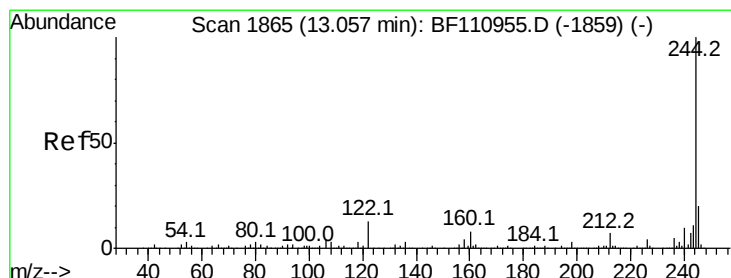
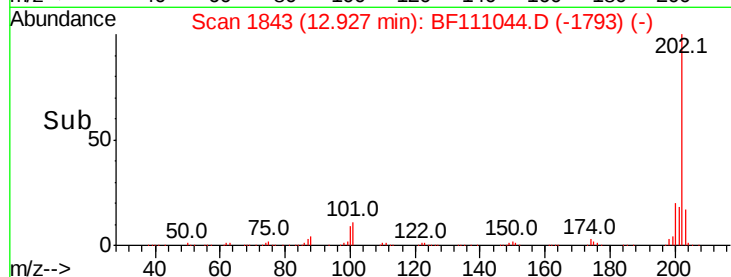
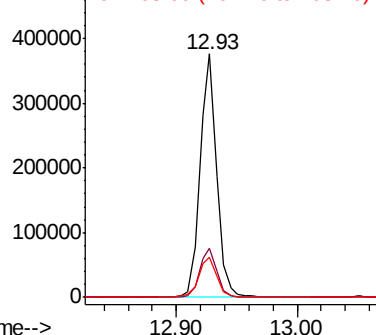


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 76.668 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

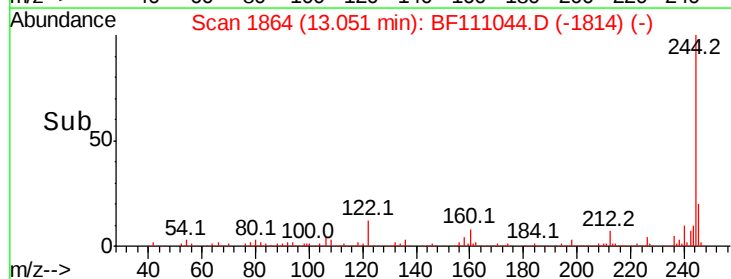
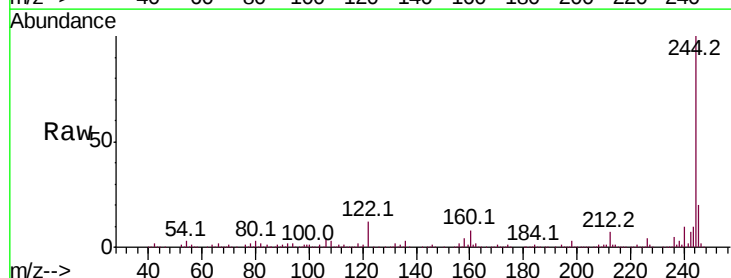
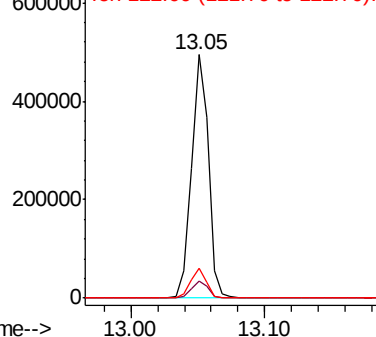
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.4	8.7	13.1

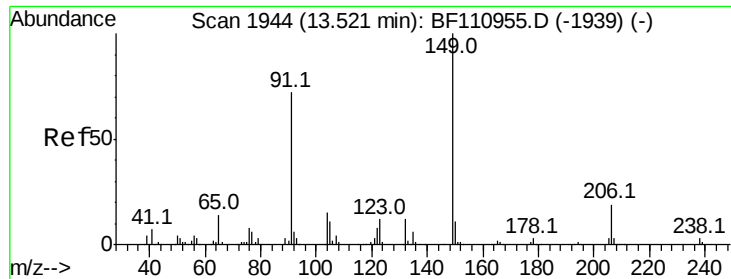
Abundance

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





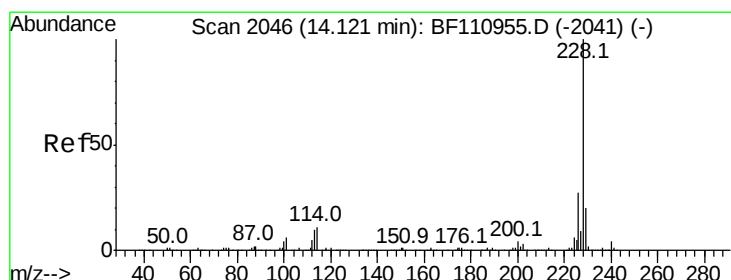
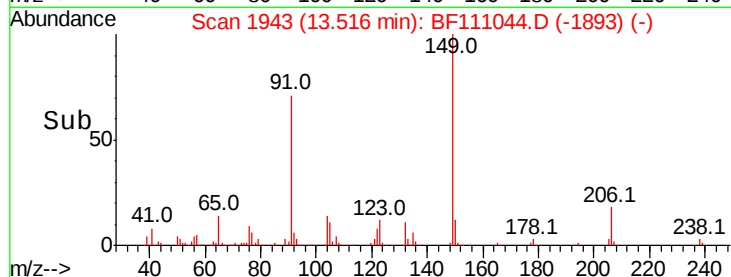
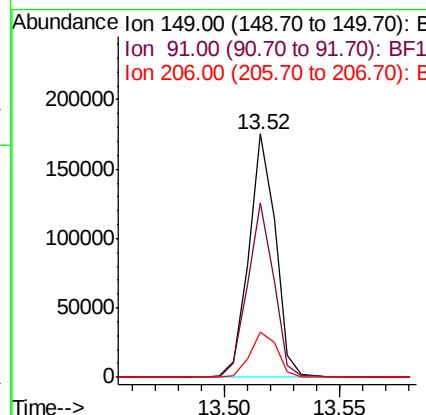
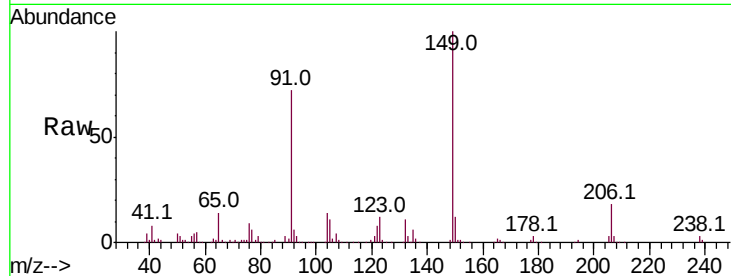
#80
Butylbenzylphthalate
Concen: 38.047 ng
RT: 13.52 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	141934		
91	71.6	57.2	85.8	
206	18.3	15.7	23.5	

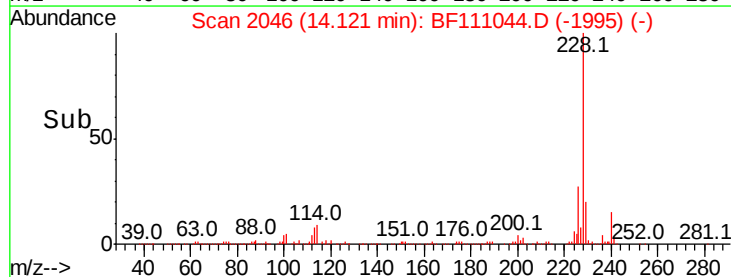
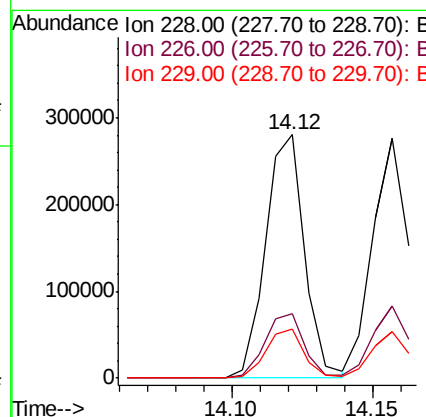
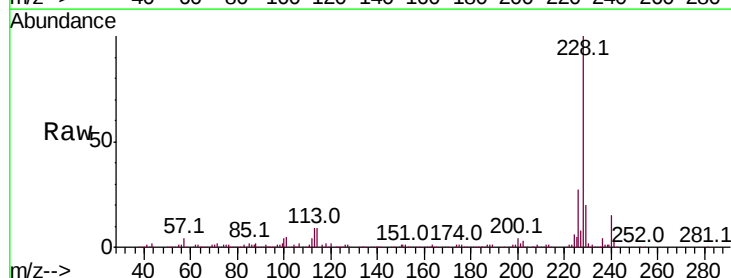
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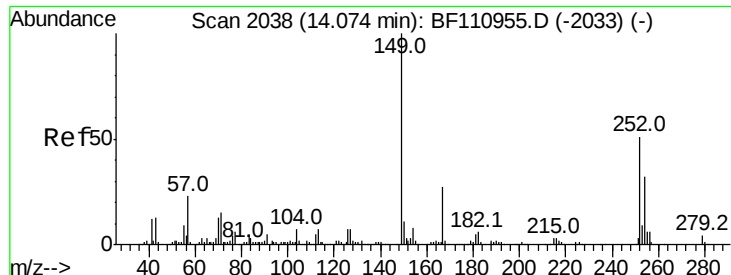
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#81
Benzo(a)anthracene
Concen: 40.005 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	267198		
226	26.7	22.1	33.1	
229	19.9	15.6	23.4	





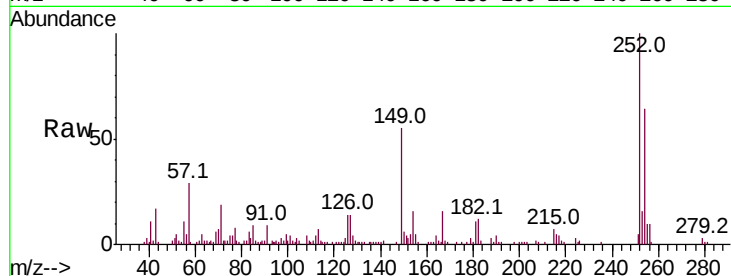
#82
 3,3'-Dichlorobenzidine
 Concen: 23.887 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

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

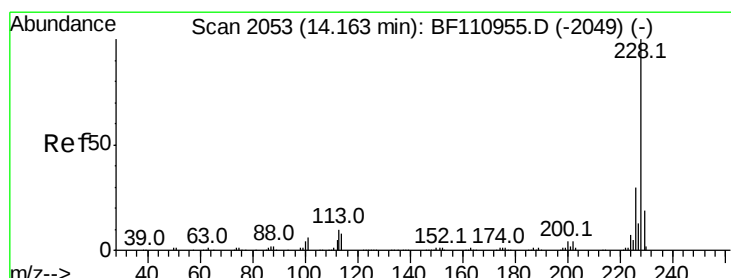
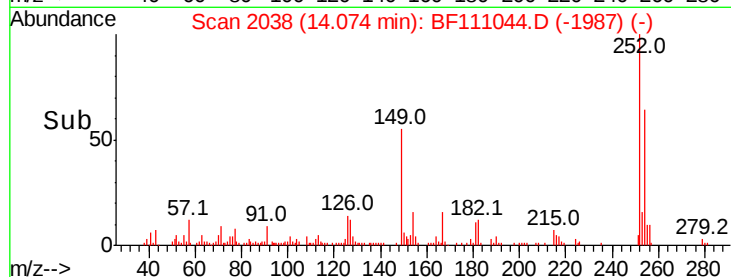
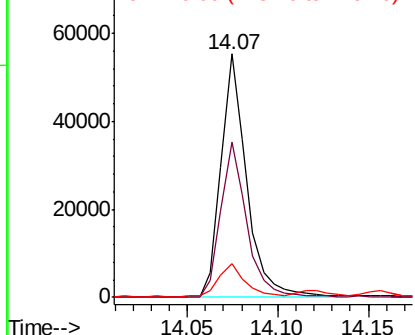
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.3	76.9
126	13.6	9.4	14.2

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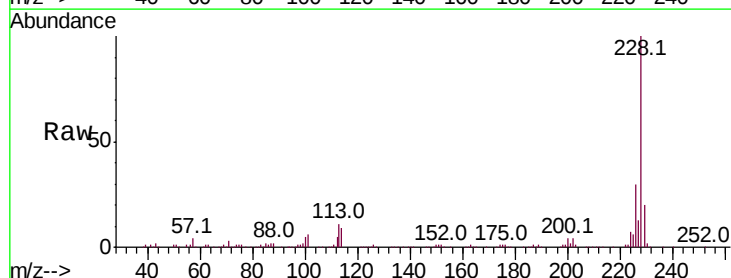


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

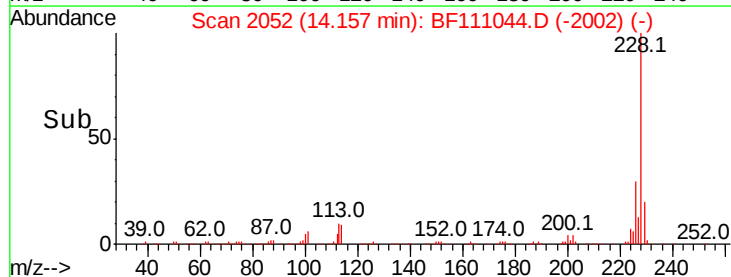
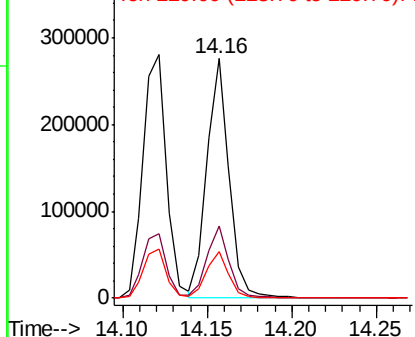


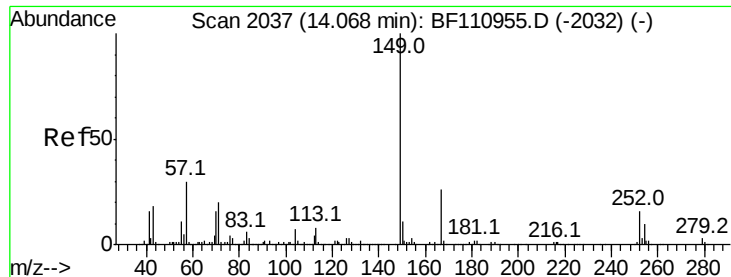
#83
 Chrysene
 Concen: 38.565 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.7	37.1
229	19.6	15.9	23.9



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 37.867 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

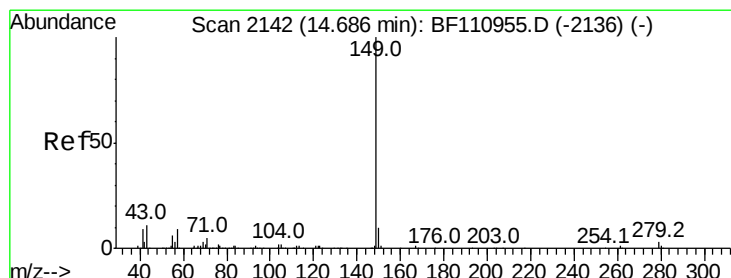
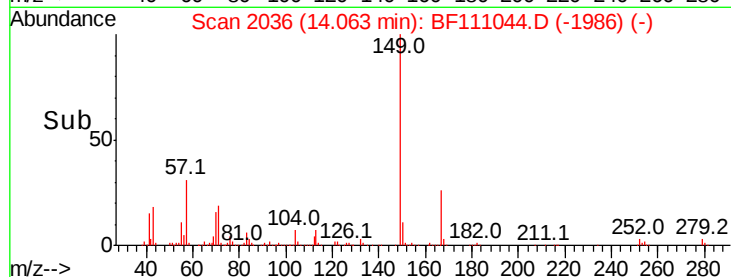
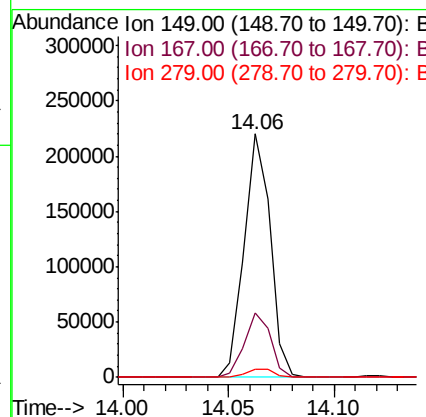
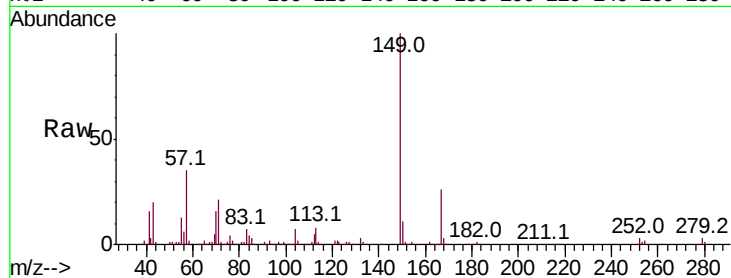
ClientSampleId :

USTS-1-2-3MS

Tot Ion:	149	Resp:	188230
Ion Ratio	Lower	Upper	
149	100		
167	26.5	19.8	29.8
279	3.3	2.7	4.1

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#85

Di-n-octyl phthalate

Concen: 40.032 ng

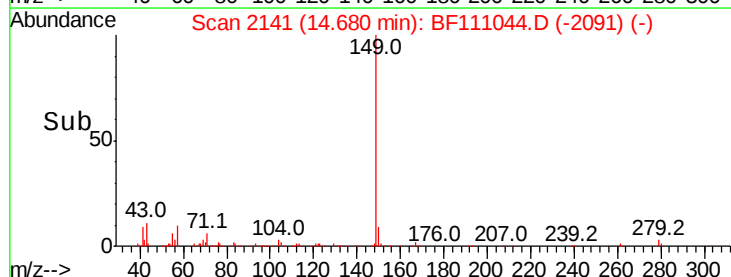
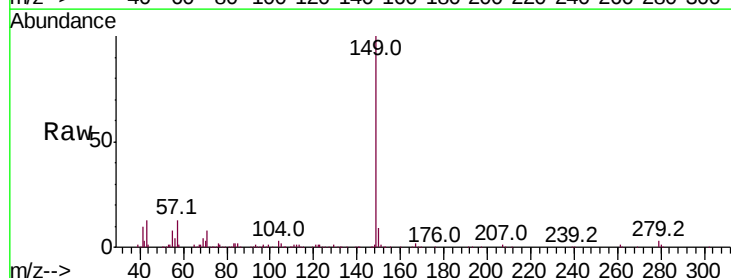
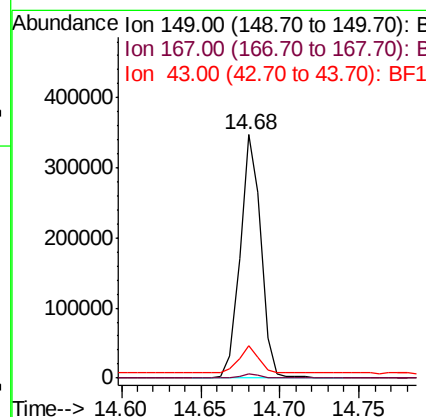
RT: 14.68 min Scan# 2141

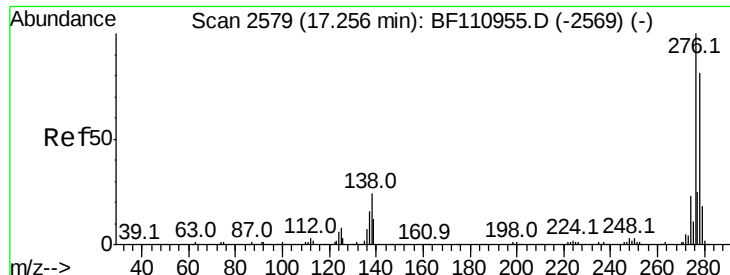
Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Tgt Ion:	149	Resp:	314112
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.1	1.7
43	14.7	7.8	11.8#





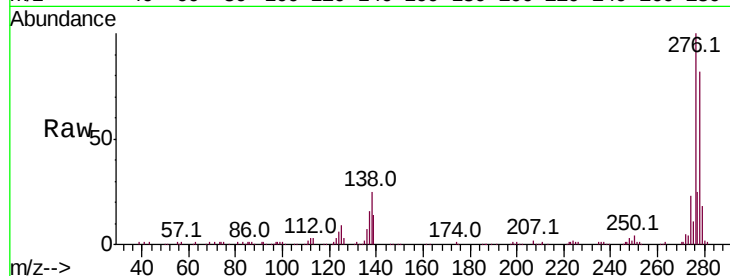
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 63.482 ng
 RT: 17.26 min Scan# 2579
 Delta R.T. 0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

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

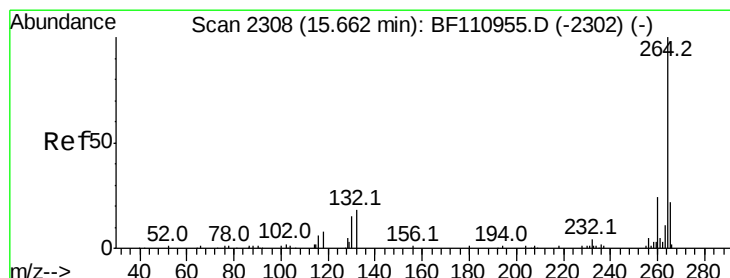
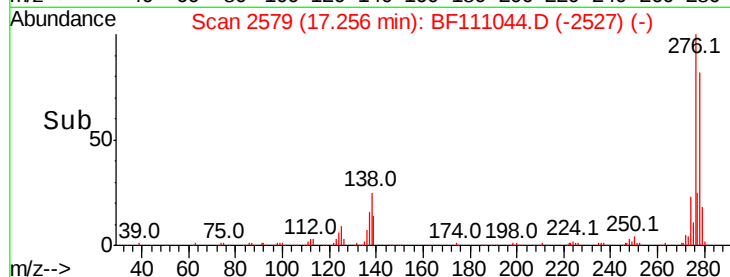
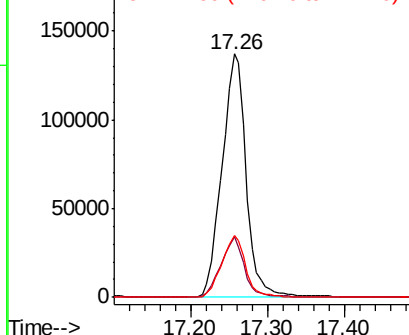
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.5	27.7
277	25.1	20.0	30.0

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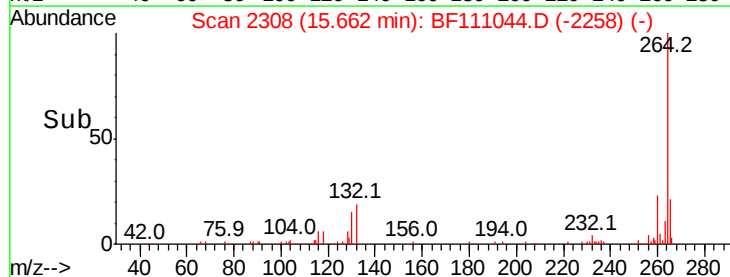
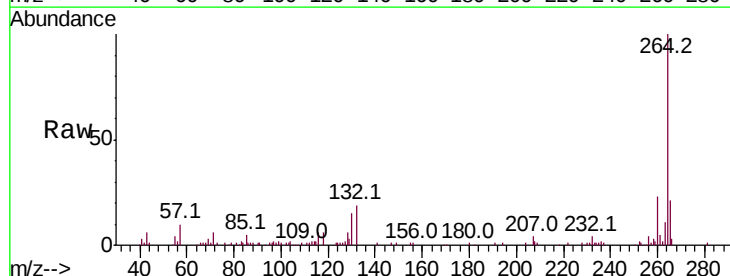
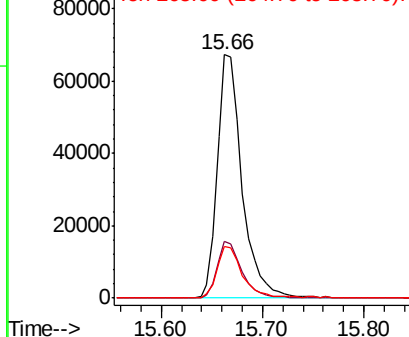
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

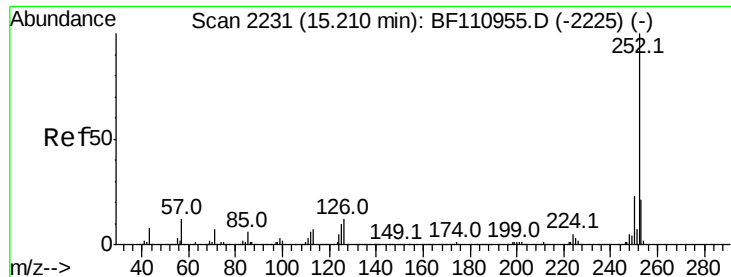


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.1	16.7	25.1

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





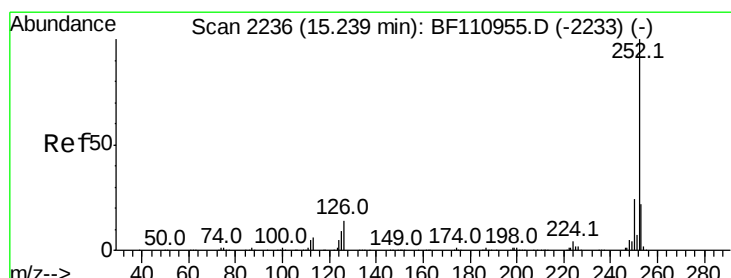
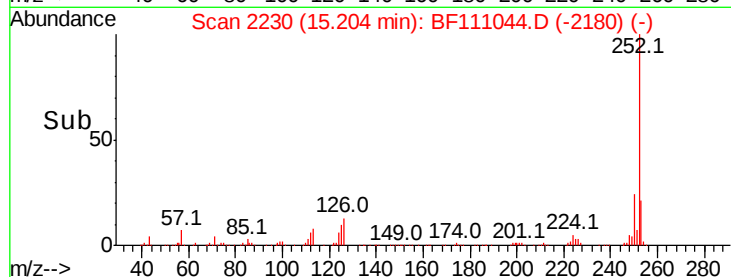
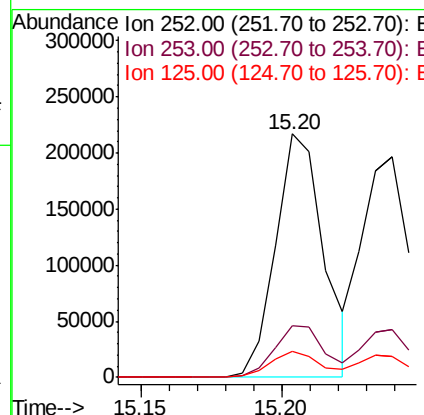
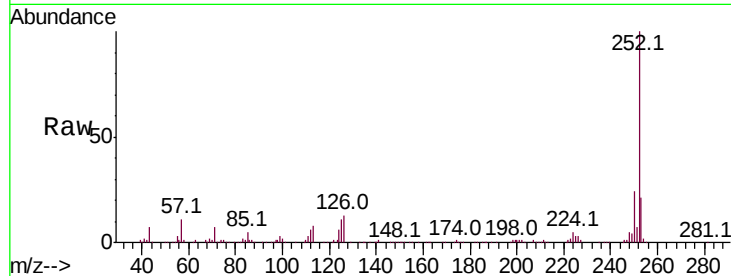
#88
Benzo(b)fluoranthene
Concen: 38.109 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	10.6	8.2	12.4

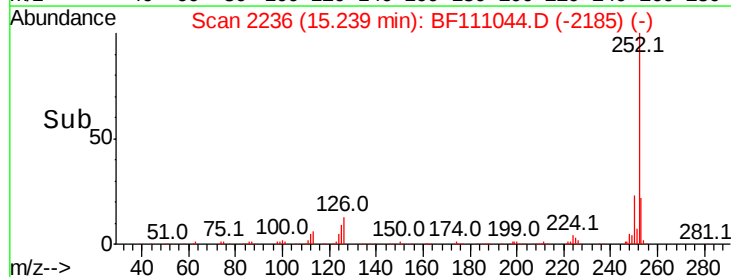
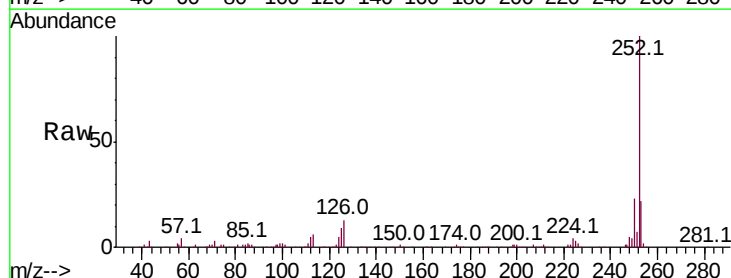
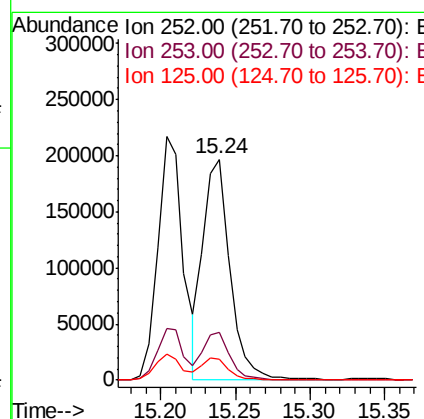
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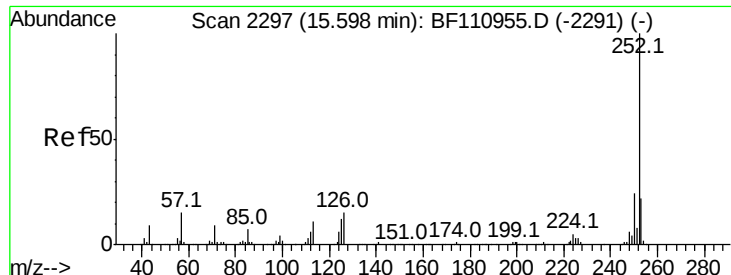
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#89
Benzo(k)fluoranthene
Concen: 35.232 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	9.5	7.4	11.0





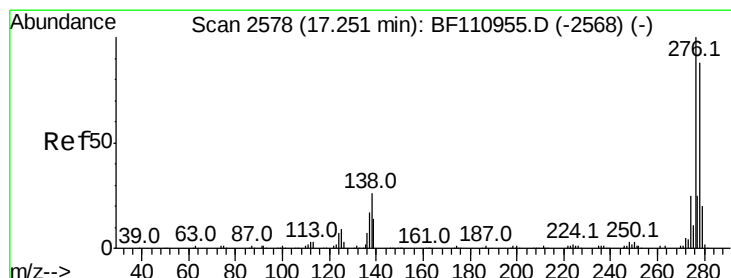
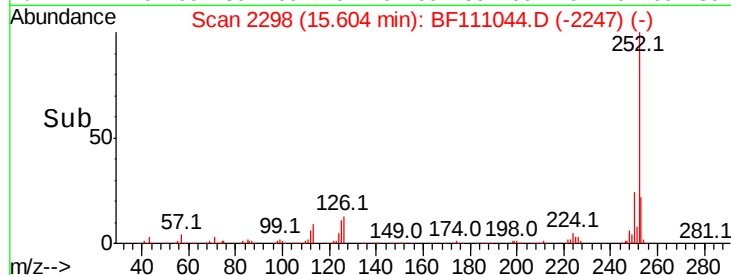
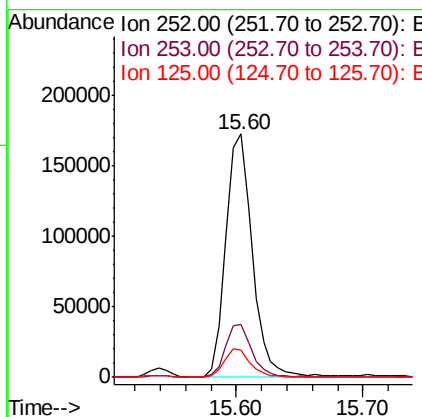
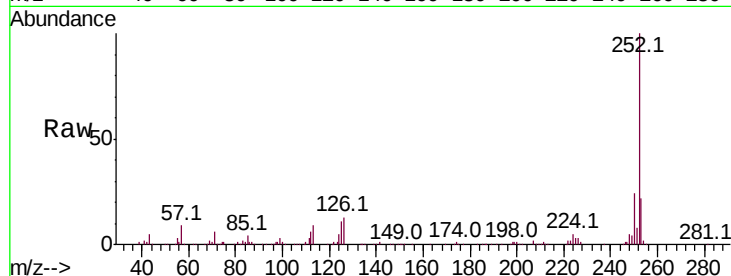
#90
Benzo(a)pyrene
Concen: 40.166 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	11.2	9.0	13.6

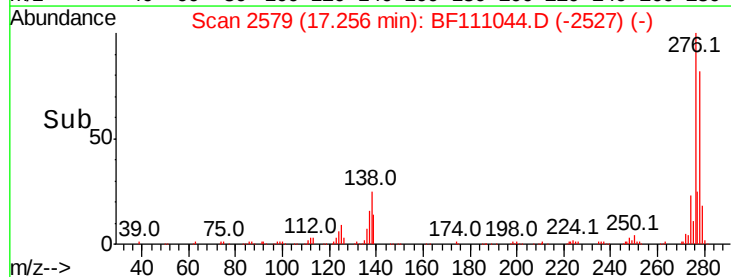
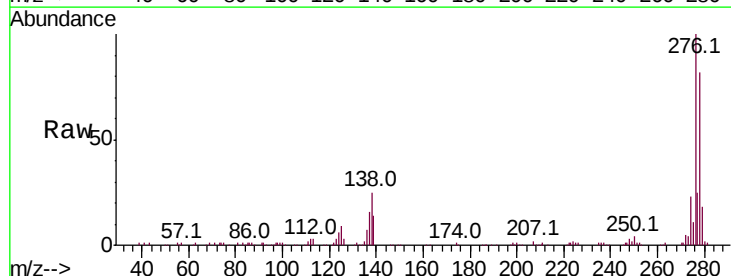
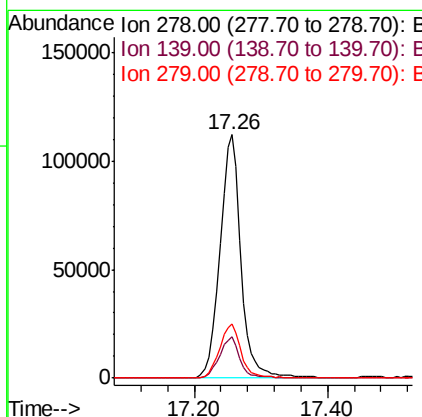
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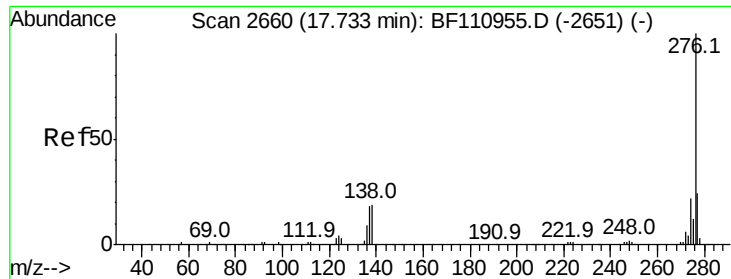
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 48.262 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.7	19.1
279	22.4	19.0	28.4





#92
 Benzo(a,h,i)perylene
 Concen: 50.110 ng
 RT: 17.74 min Scan# 2661
 Delta R.T. -0.00 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

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

Tot Ion:	276	Resp:	249350
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.8	28.2
138	20.1	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 11/29/2018 1:58:16 PM

