

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
 Data File : BF111607.D
 Acq On : 19 Dec 2018 23:06
 Operator : JU/SJ
 Sample : J6475-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE

Quant Time: Dec 20 03:26:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	172462	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	634954	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	308414	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	532402	20.00	ng	0.00
76) Chrysene-d12	14.04	240	440890	20.00	ng	-0.01
87) Perylene-d12	15.52	264	433482	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	853893	84.39	ng	0.00
7) Phenol-d6	6.52	99	1109992	86.20	ng	0.00
23) Nitrobenzene-d5	7.45	82	646322	59.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	284065	77.95	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1117957	52.84	ng	0.00
79) Terphenyl-d14	12.99	244	962266	41.39	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.45	42	110	0.018	ng	# 1
6) Aniline	6.53	93	2261	0.138	ng	# 1
8) 2-Chlorophenol	6.67	128	126	0.011	ng	# 1
9) Benzaldehyde	6.43	77	1085	0.123	ng	# 76
10) Phenol	6.53	94	91008	6.264	ng	# 94
11) bis(2-Chloroethyl)ether	6.66	93	1419	0.130	ng	# 1
12) 1,3-Dichlorobenzene	6.91	146	106	0.008	ng	# 26
13) 1,4-Dichlorobenzene	6.91	146	106	0.008	ng	# 24
14) 1,2-Dichlorobenzene	7.05	146	138	0.011	ng	# 1
15) Benzyl Alcohol	7.02	79	2593	0.254	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	7.05	45	126	0.006	ng	# 1
17) 2-Methylphenol	7.13	107	264	0.029	ng	# 61
18) Hexachloroethane	7.47	117	537	0.121	ng	# 39
19) n-Nitroso-di-n-propylamine	7.45	70	86546	10.121	ng	# 80
20) 3+4-Methylphenols	7.28	107	857	0.076	ng	# 68
22) Acetophenone	7.29	105	1276	0.079	ng	# 75
24) Nitrobenzene	7.45	77	2500	0.219	ng	# 38
25) Isophorone	7.45	82	646308	33.374	ng	# 64
27) 2,4-Dimethylphenol	7.82	122	115	0.013	ng	# 64
28) bis(2-Chloroethoxy)methane	8.07	93	113	0.009	ng	# 1
31) Naphthalene	8.19	128	16671	0.546	ng	# 97
32) Benzoic acid	7.95	122	146	0.024	ng	# 1
33) 4-Chloroaniline	8.19	127	2283	0.173	ng	# 44
35) Caprolactam	8.60	113	223	0.067	ng	# 12
36) 4-Chloro-3-methylphenol	8.73	107	227	0.023	ng	# 20
37) 2-Methylnaphthalene	8.89	142	8349	0.421	ng	# 96
38) 1-Methylnaphthalene	8.99	142	5452	0.286	ng	# 86
46) 1,1'-Biphenyl	9.35	154	3832	0.147	ng	# 94
47) 2-Chloronaphthalene	9.63	162	460	0.022	ng	# 1
48) 2-Nitroaniline	9.51	65	141	0.026	ng	# 6
49) Acenaphthylene	9.79	152	1284	0.043	ng	# 72
50) Dimethylphthalate	9.64	163	94296	4.181	ng	# 98
51) 2,6-Dinitrotoluene	9.93	165	39265	8.731	ng	# 29
52) Acenaphthene	9.96	154	5050	0.272	ng	# 90

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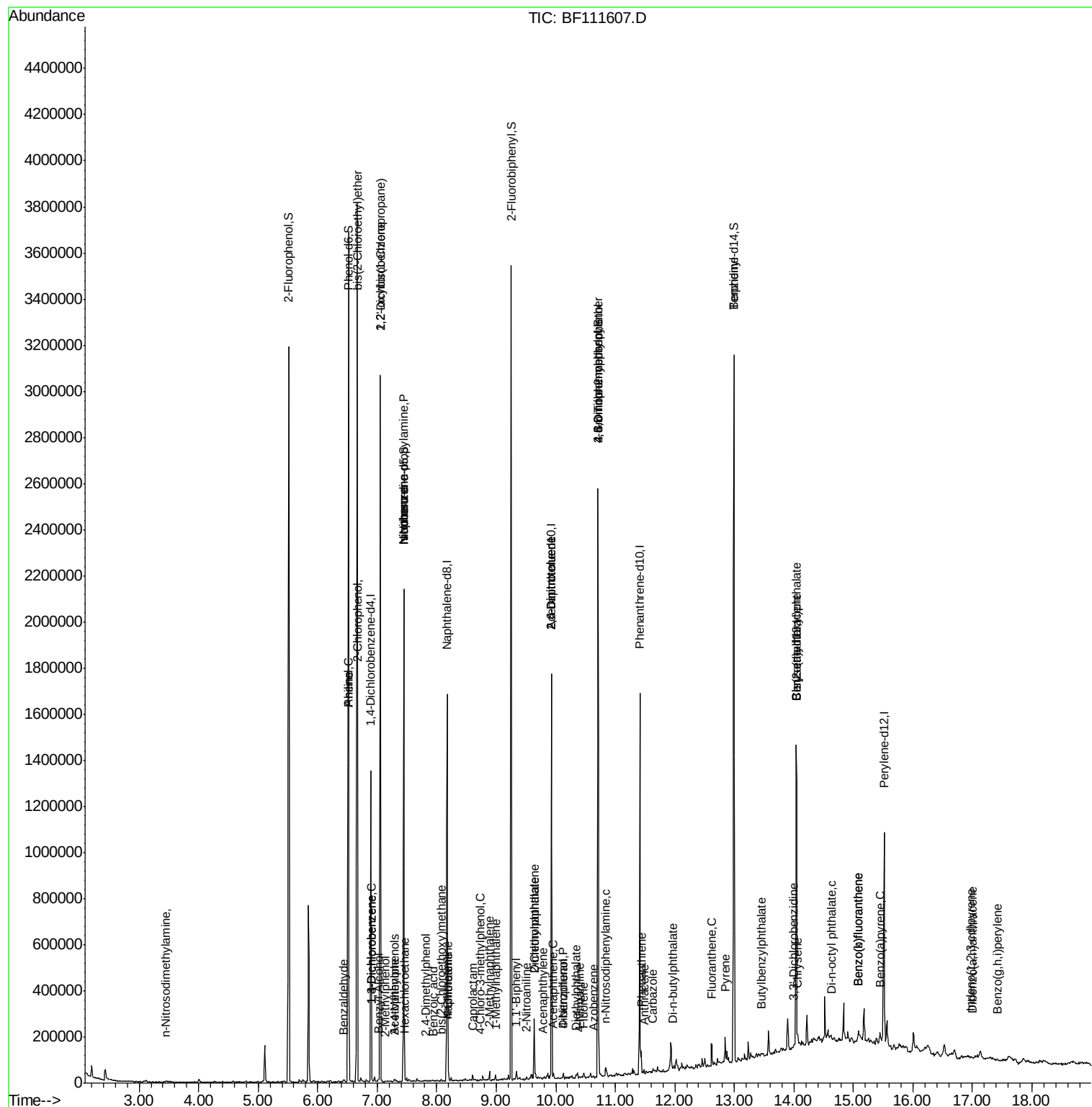
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) Dibenzofuran	10.13	168	4727	0.168	ng	# 96
56) 4-Nitrophenol	10.13	139	1844	0.504	ng	# 18
57) 2,4-Dinitrotoluene	9.93	165	39265	7.265	ng	# 25
58) Fluorene	10.47	166	4330	0.214	ng	# 85
60) Diethylphthalate	10.34	149	1401	0.063	ng	# 70
62) 4-Nitroaniline	10.40	138	109	0.023	ng	# 23
63) Azobenzene	10.63	77	1912	0.086	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.71	198	549	6.908	ng	# 1
66) n-Nitrosodiphenylamine	10.84	169	1644	0.092	ng	# 87
67) 4-Bromophenyl-phenylether	10.71	248	17162	2.599	ng	# 1
71) Phenanthrene	11.43	178	32181	1.140	ng	# 95
72) Anthracene	11.48	178	7394	0.261	ng	# 95
73) Carbazole	11.63	167	3408	0.124	ng	# 93
74) Di-n-butylphthalate	11.97	149	2646	0.086	ng	# 75
75) Fluoranthene	12.62	202	36118	1.263	ng	# 95
77) Benzidine	12.99	184	12226	0.737	ng	# 96
78) Pyrene	12.85	202	43037	1.382	ng	# 97
80) Butylbenzylphthalate	13.46	149	799	0.063	ng	# 3
81) Benzo(a)anthracene	14.03	228	22111	0.879	ng	# 89
82) 3,3'-Dichlorobenzidine	14.00	252	134	0.013	ng	# 1
83) Chrysene	14.06	228	23883	0.966	ng	# 93
84) Bis(2-ethylhexyl)phthalate	14.03	149	5067	0.317	ng	# 92
85) Di-n-octyl phthalate	14.64	149	812	0.033	ng	# 69
86) Indeno(1,2,3-cd)pyrene	16.97	276	8600	0.409	ng	# 89
88) Benzo(b)fluoranthene	15.08	252	32470	1.282	ng	# 92
89) Benzo(k)fluoranthene	15.08	252	32470	1.346	ng	# 91
90) Benzo(a)pyrene	15.44	252	17674	0.768	ng	# 89
91) Dibenzo(a,h)anthracene	17.00	278	3035	0.151	ng	# 64
92) Benzo(g,h,i)perylene	17.42	276	8005	0.407	ng	# 90

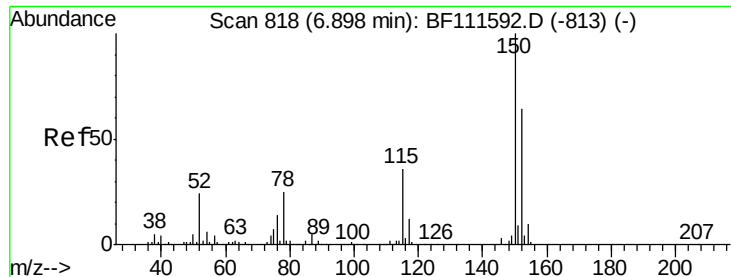
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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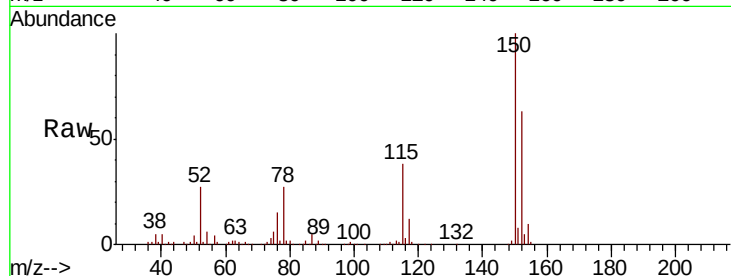


#1

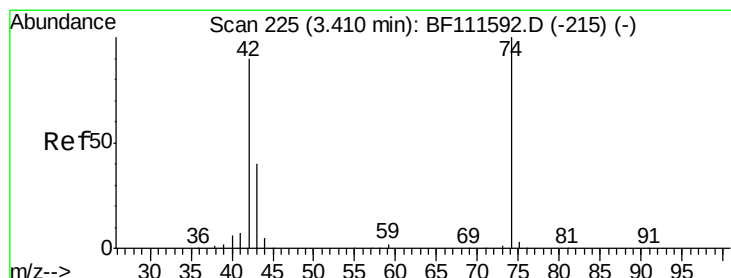
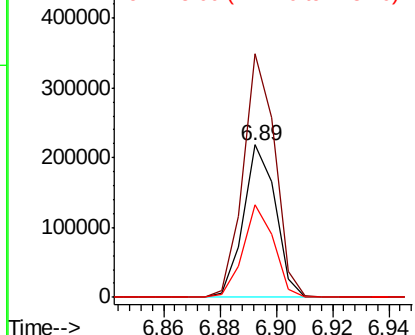
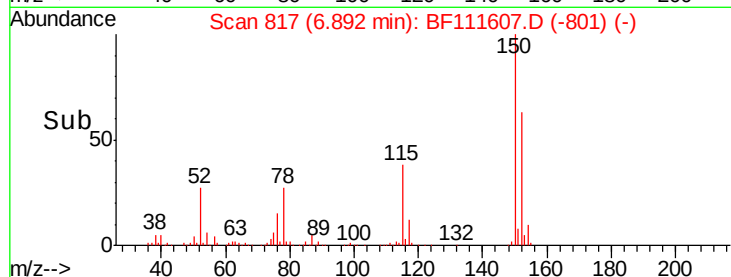
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

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ClientSampleId :
SLUDGE

Tgt Ion:152 Resp: 172462
Ion Ratio Lower Upper
152 100
150 159.5 126.6 189.8
115 60.3 50.7 76.1



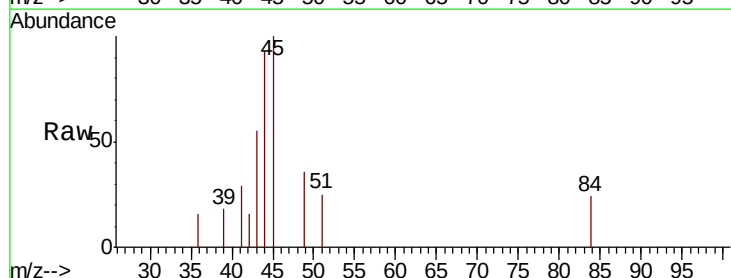
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



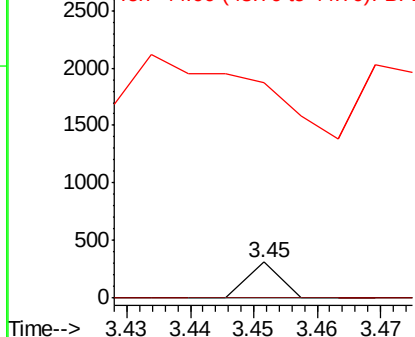
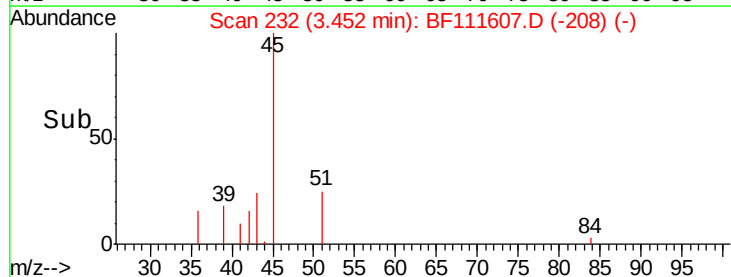
#4

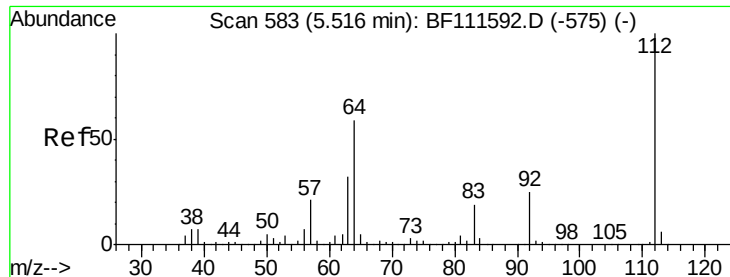
n-Nitrosodimethylamine
Concen: 0.018 ng
RT: 3.45 min Scan# 232
Delta R.T. 0.04 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion: 42 Resp: 110
Ion Ratio Lower Upper
42 100
74 0.0 101.5 152.3#
44 601.0 6.0 9.0#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

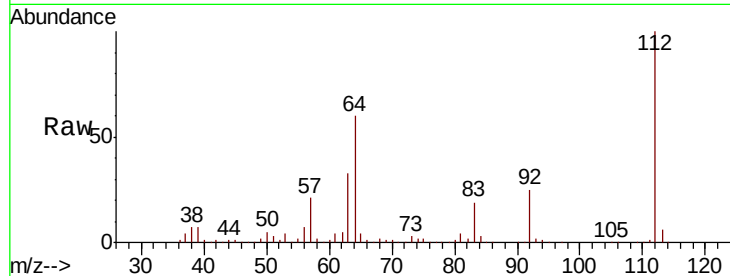




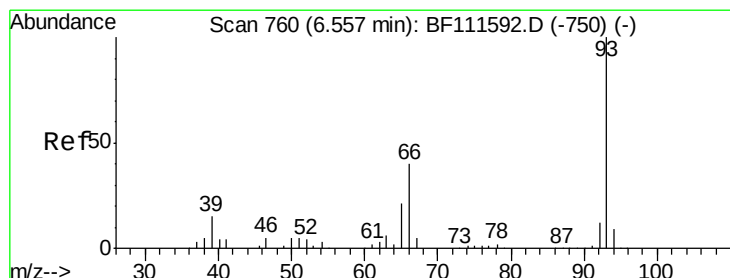
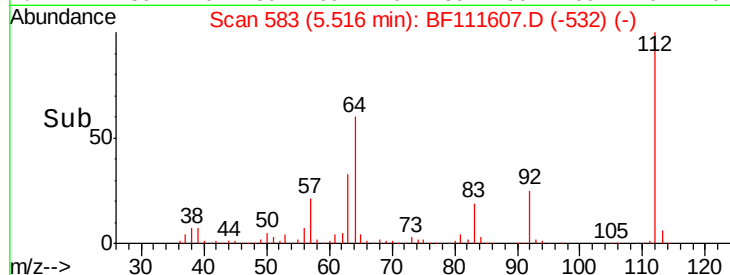
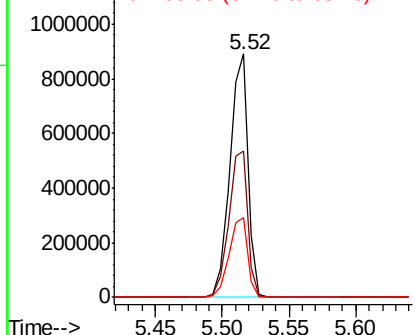
#5
 2-Fluorophenol
 Concen: 84.395 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

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 ClientSampleID :
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Tgt Ion: 112 Resp: 853893
 Ion Ratio Lower Upper
 112 100
 64 59.9 51.8 77.6
 63 32.8 26.8 40.2

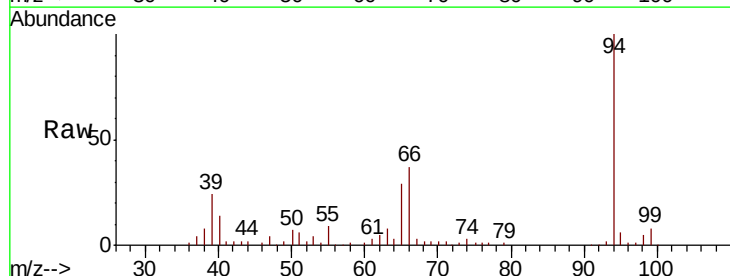


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

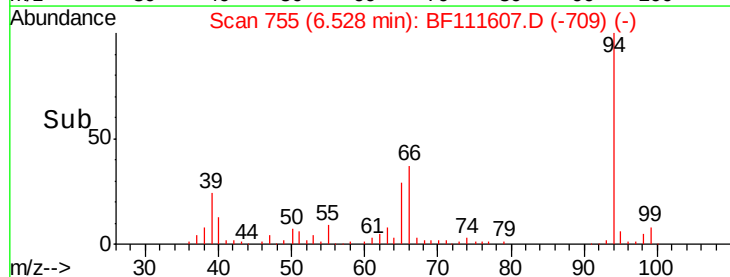
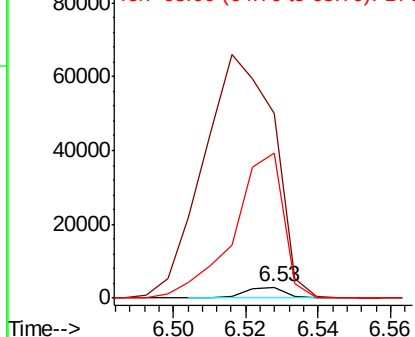


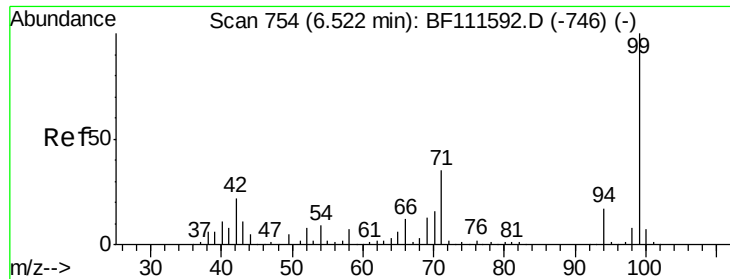
#6
 Aniline
 Concen: 0.138 ng
 RT: 6.53 min Scan# 755
 Delta R.T. -0.03 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

Tgt Ion: 93 Resp: 2261
 Ion Ratio Lower Upper
 93 100
 66 1654.9 33.2 49.8#
 65 1292.9 17.0 25.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.203 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SLUDGE

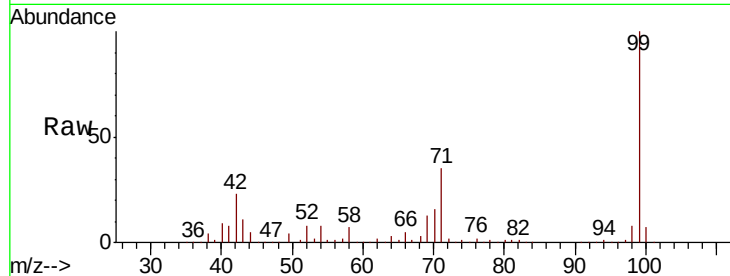
Tgt Ion: 99 Resp: 1109992

Ion Ratio Lower Upper

99 100

42 22.6 17.4 26.0

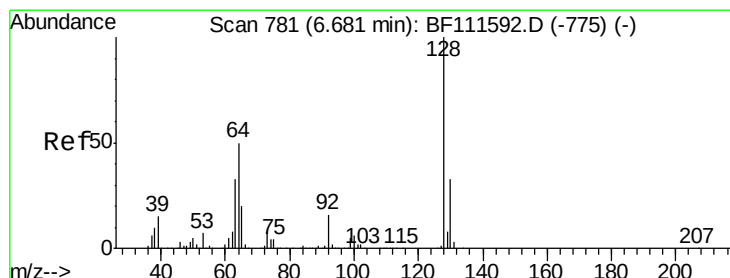
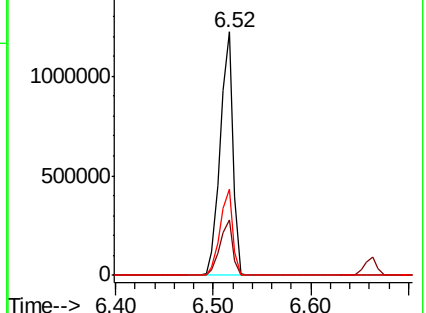
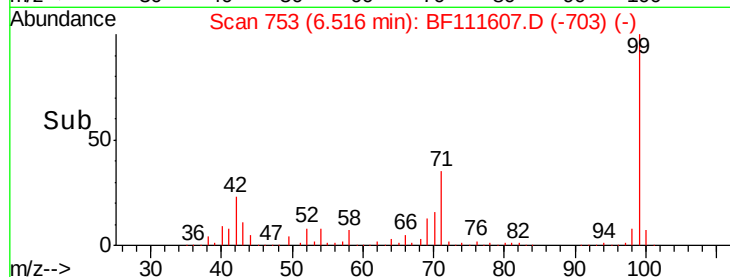
71 35.2 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 0.011 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

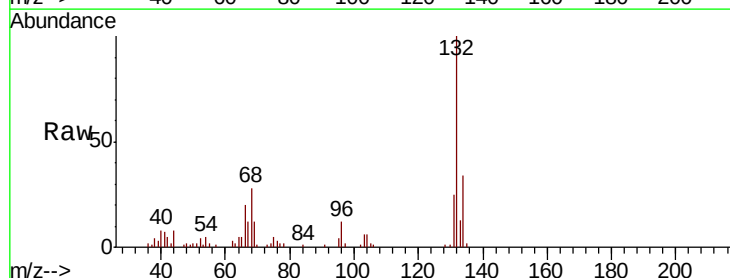
Tgt Ion: 128 Resp: 126

Ion Ratio Lower Upper

128 100

130 142.4 12.7 52.7#

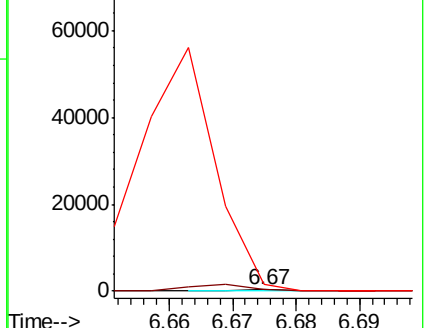
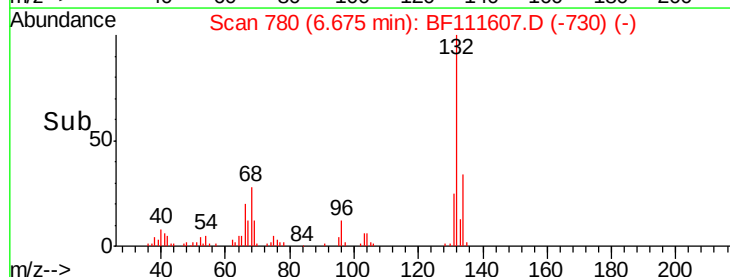
64 480.1 30.0 70.0#

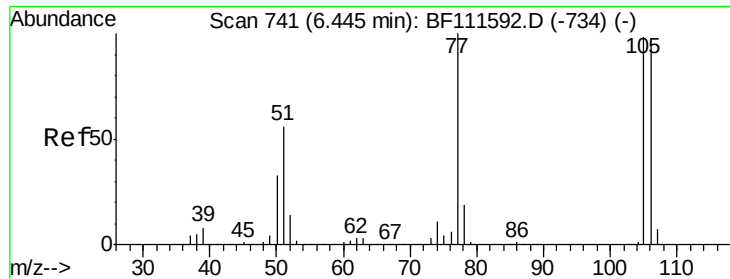


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.123 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

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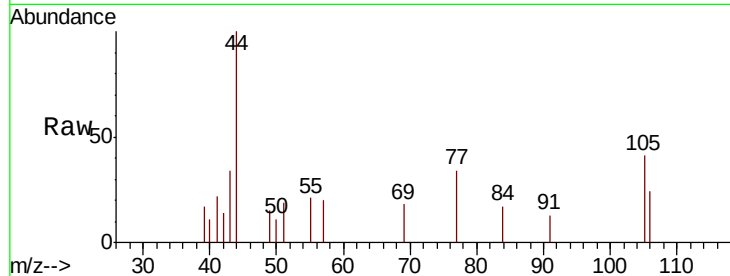
Tgt Ion: 77 Resp: 1085

Ion Ratio Lower Upper

77 100

105 122.4 81.4 121.4#

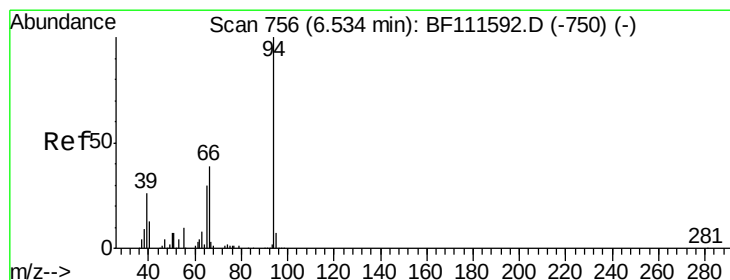
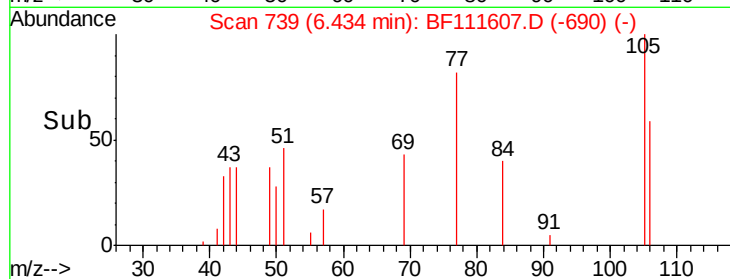
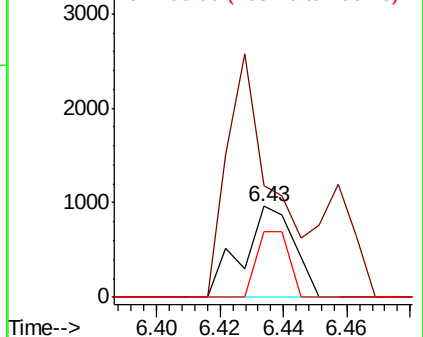
106 71.9 77.9 117.9#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 6.264 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

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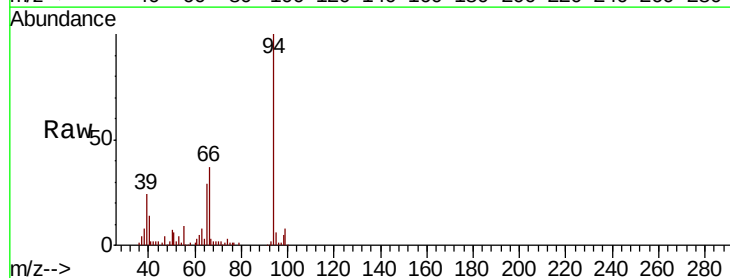
Tgt Ion: 94 Resp: 91008

Ion Ratio Lower Upper

94 100

65 29.0 11.7 51.7

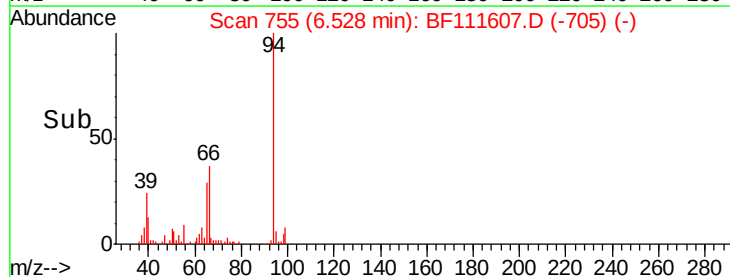
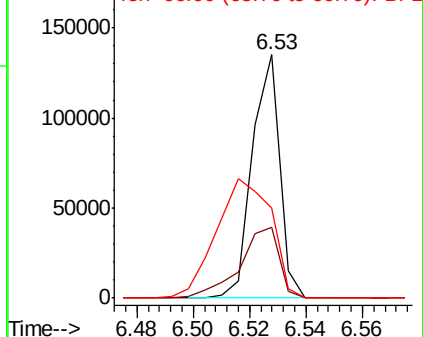
66 37.1 21.0 61.0

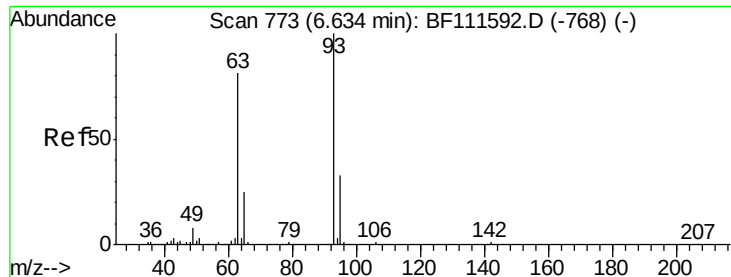


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

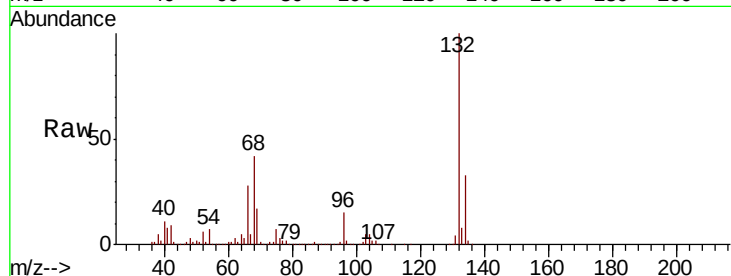




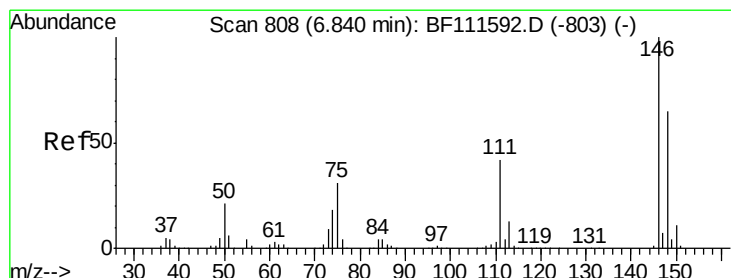
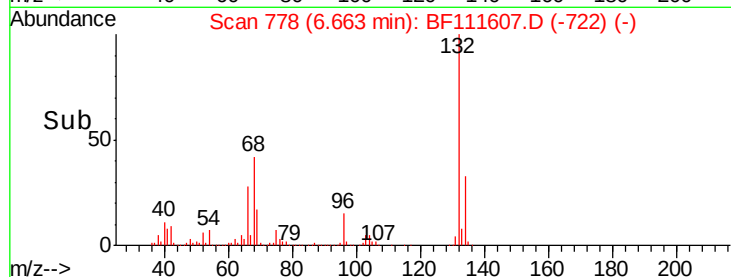
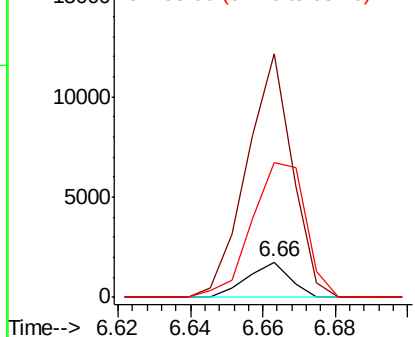
#11
bis(2-Chloroethyl)ether
Concen: 0.130 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.03 min
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Tgt Ion: 93 Resp: 1419
Ion Ratio Lower Upper
93 100
63 686.6 60.0 100.0#
95 381.6 13.4 53.4#

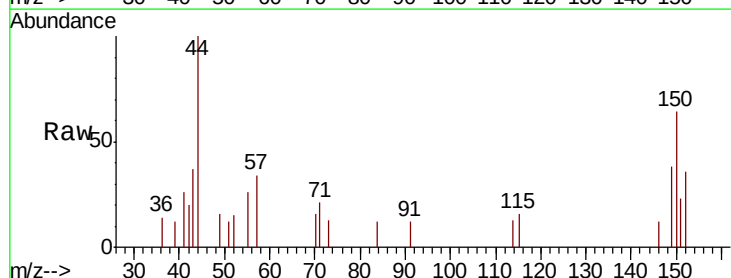


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

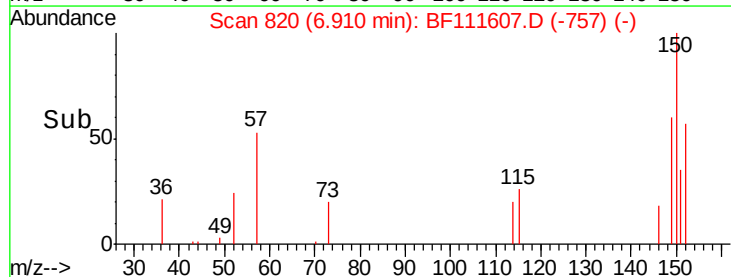
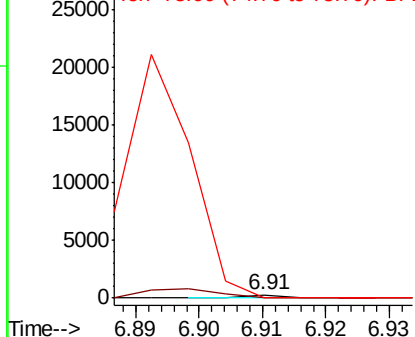


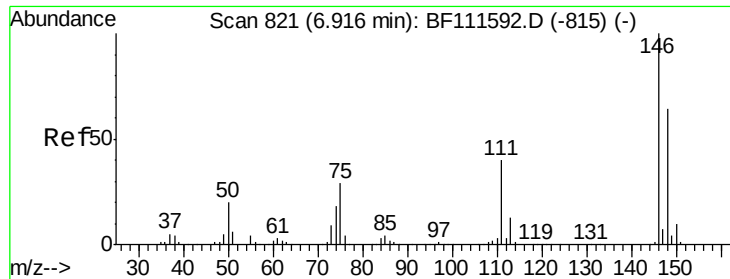
#12
1,3-Dichlorobenzene
Concen: 0.008 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.07 min
Lab File: BF111607.D
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Tgt Ion: 146 Resp: 106
Ion Ratio Lower Upper
146 100
148 0.0 52.1 78.1#
75 0.0 23.9 35.9#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

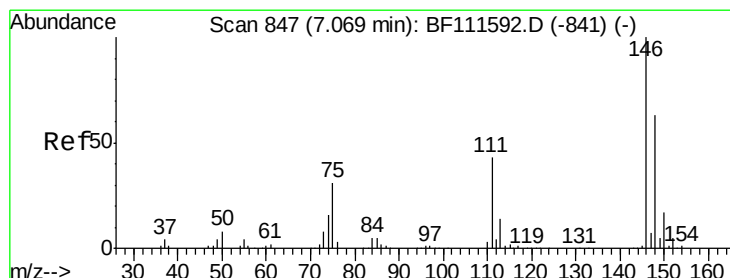
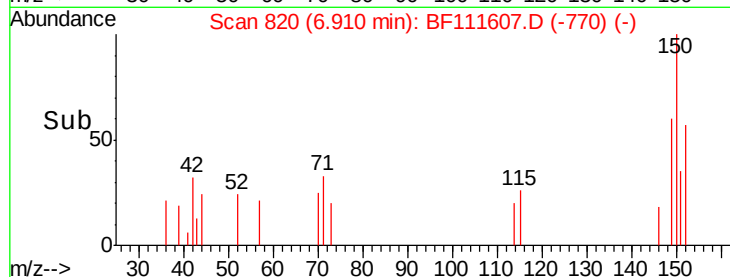
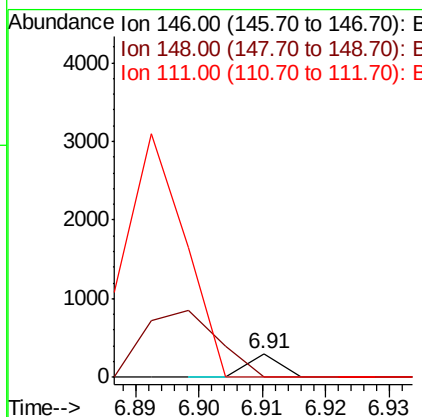
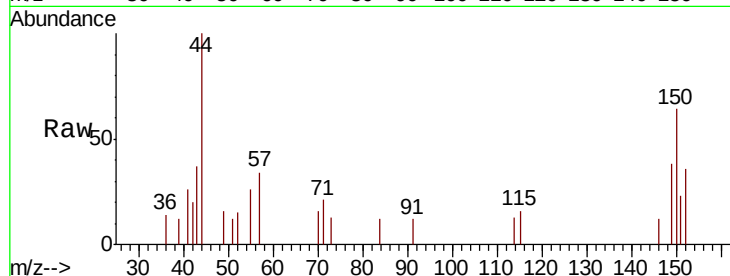




#13
 1,4-Dichlorobenzene
 Concen: 0.008 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

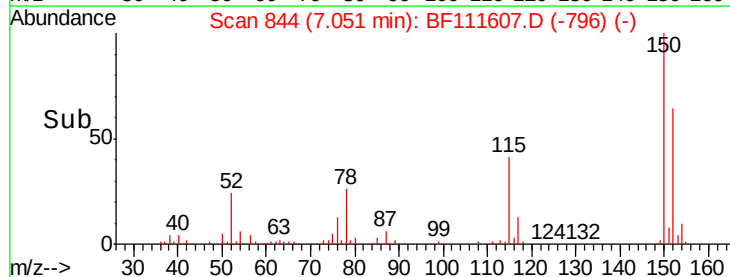
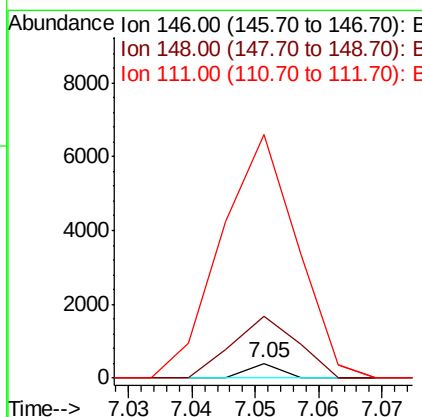
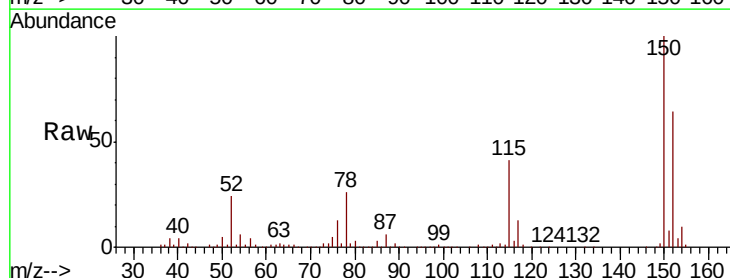
Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE

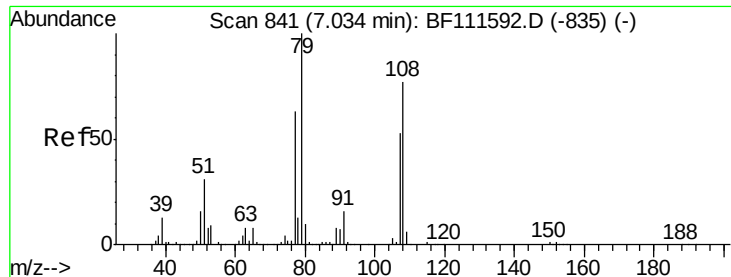
Tgt Ion:146 Resp: 106
 Ion Ratio Lower Upper
 146 100
 148 0.0 52.8 79.2#
 111 0.0 33.4 50.0#



#14
 1,2-Dichlorobenzene
 Concen: 0.011 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

Tgt Ion:146 Resp: 138
 Ion Ratio Lower Upper
 146 100
 148 431.6 51.9 77.9#
 111 1683.2 36.2 54.4#





#15

Benzyl Alcohol

Concen: 0.254 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SLUDGE

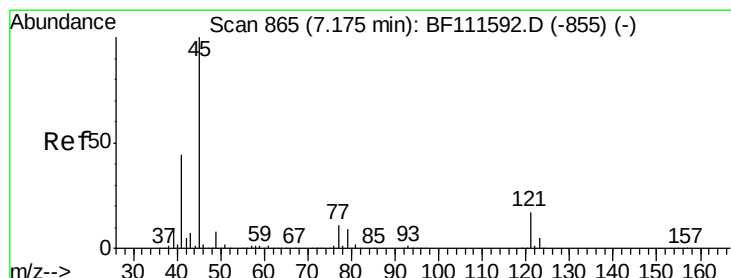
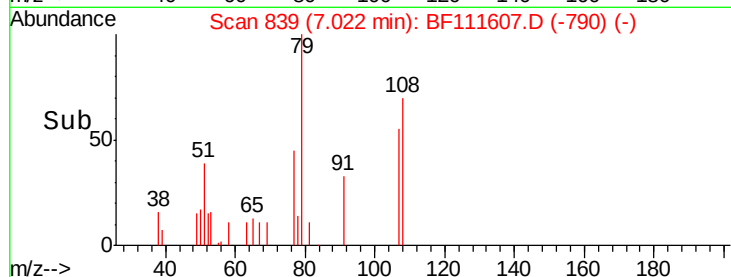
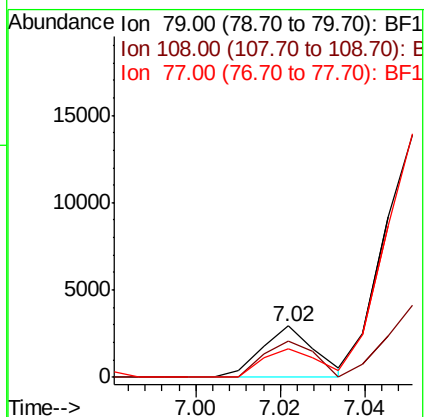
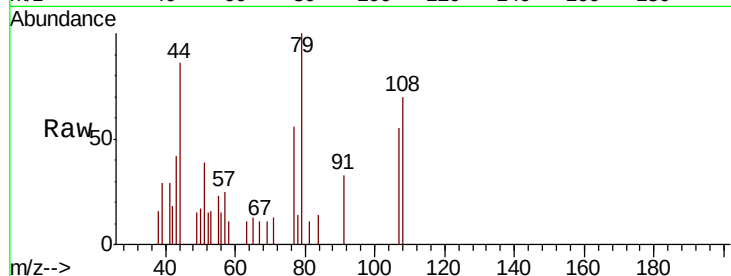
Tgt Ion: 79 Resp: 2593

Ion Ratio Lower Upper

79 100

108 70.3 69.4 104.2

77 56.4 49.7 74.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.006 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.13 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

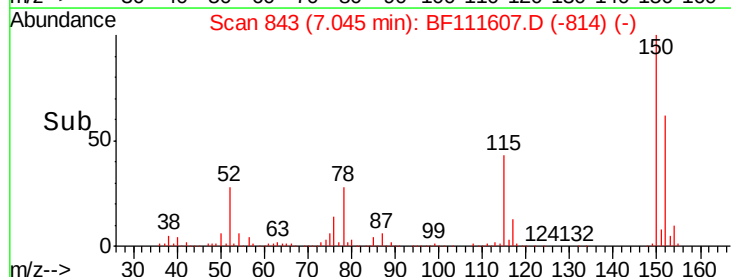
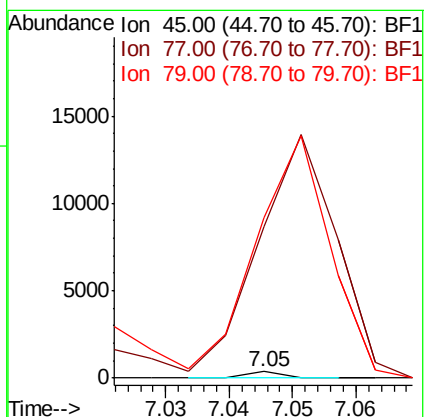
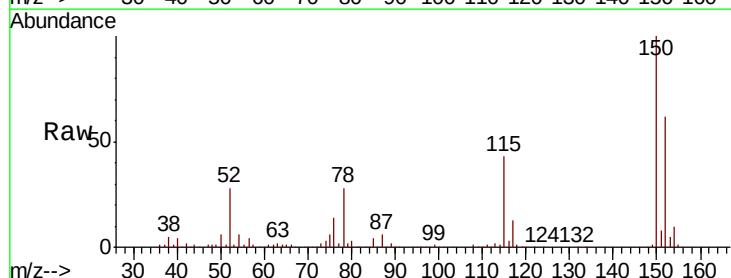
Tgt Ion: 45 Resp: 126

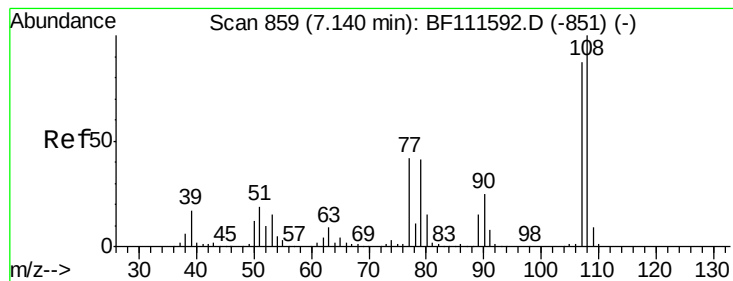
Ion Ratio Lower Upper

45 100

77 2418.7 0.0 31.5#

79 2570.7 0.0 28.9#





#17

2-Methylphenol

Concen: 0.029 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SLUDGE

Tgt Ion:107 Resp: 264

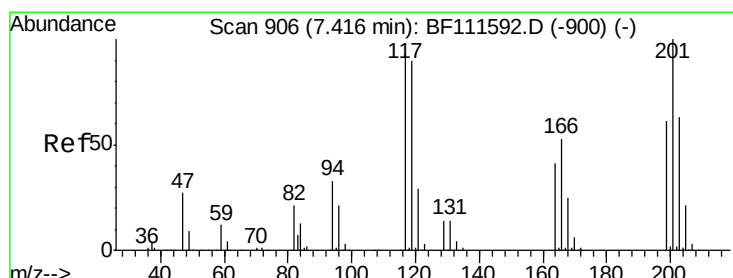
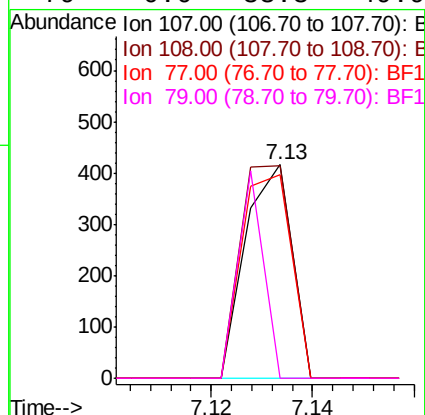
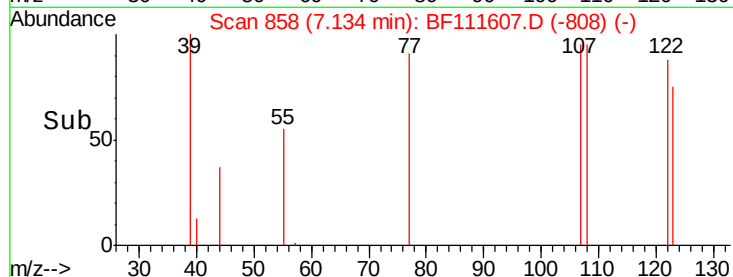
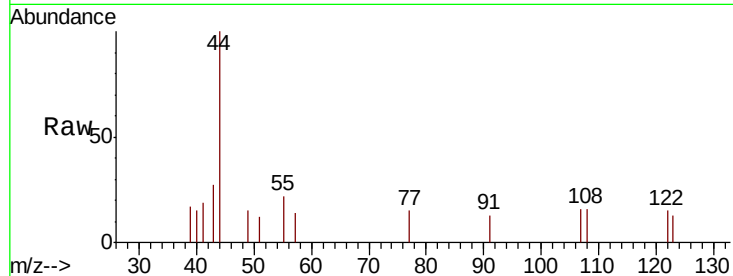
Ion Ratio Lower Upper

107 100

108 99.5 91.0 136.4

77 95.2 33.5 50.3#

79 0.0 33.3 49.9#



#18

Hexachloroethane

Concen: 0.121 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.05 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

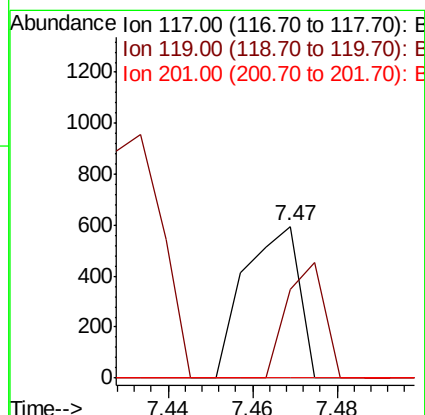
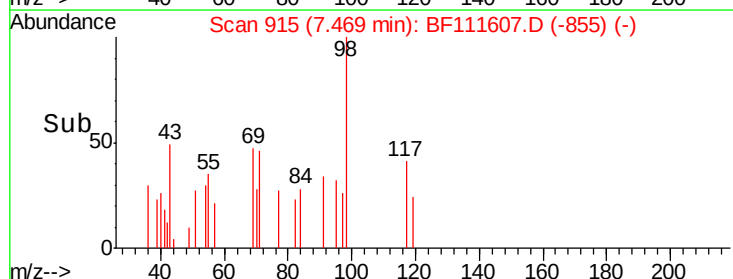
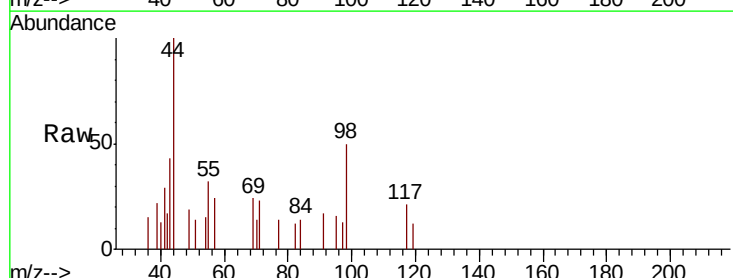
Tgt Ion:117 Resp: 537

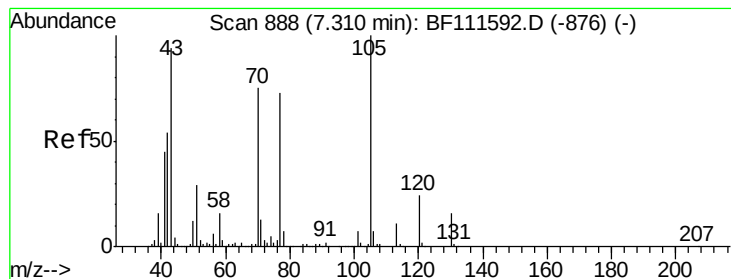
Ion Ratio Lower Upper

117 100

119 58.2 75.4 113.0#

201 0.0 62.4 93.6#





#19

n-Nitroso-di-n-propylamine

Concen: 10.121 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SLUDGE

Tgt Ion: 70 Resp: 86546

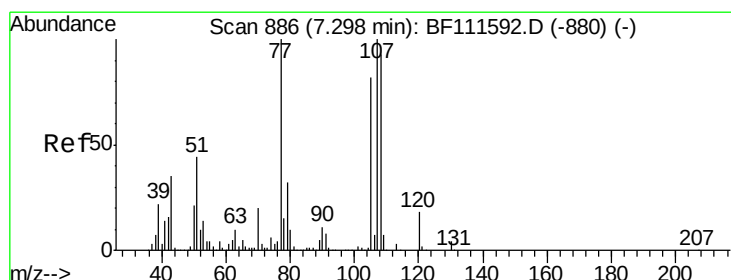
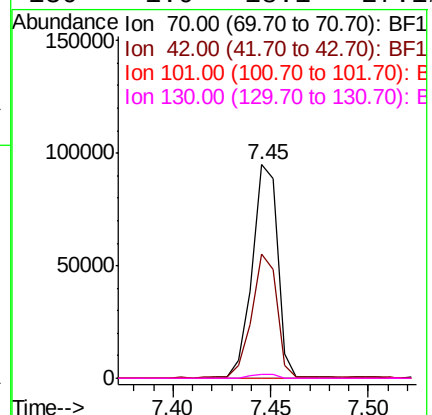
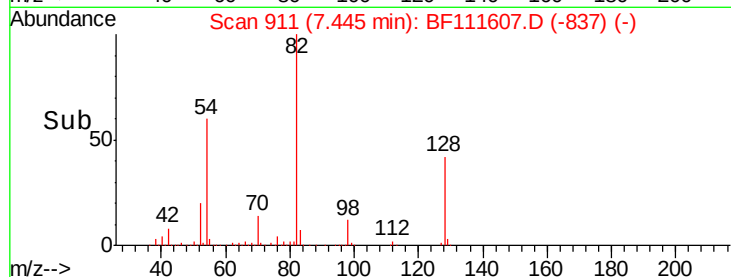
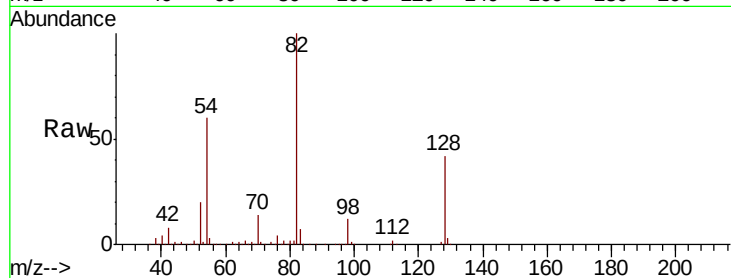
Ion Ratio Lower Upper

70 100

42 58.0 53.2 79.8

101 0.0 8.2 12.4#

130 1.9 18.1 27.1#



#20

3+4-Methylphenols

Concen: 0.076 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

Tgt Ion: 107 Resp: 857

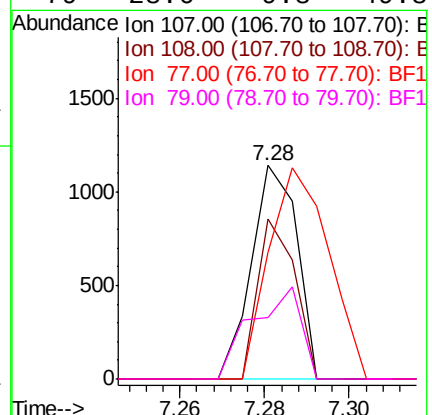
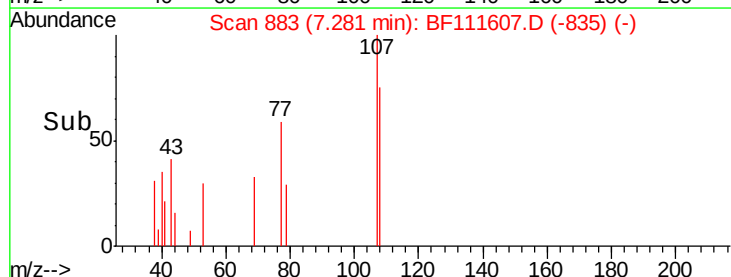
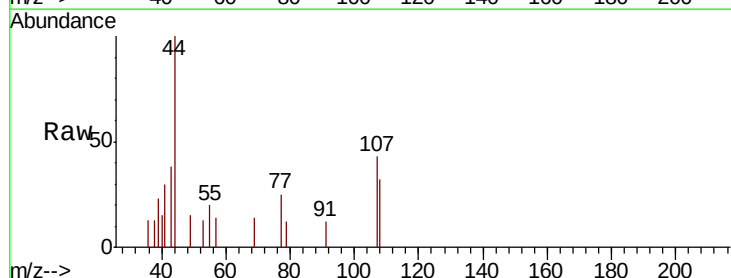
Ion Ratio Lower Upper

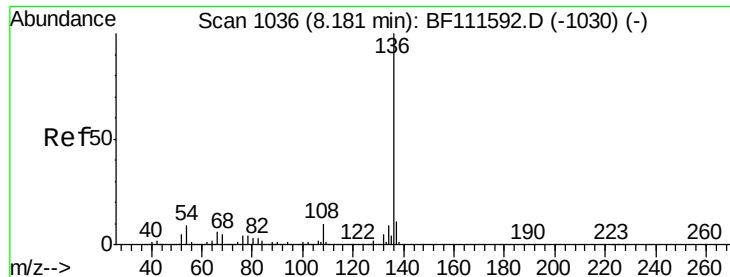
107 100

108 75.2 72.1 112.1

77 59.3 94.1 134.1#

79 28.6 9.8 49.8

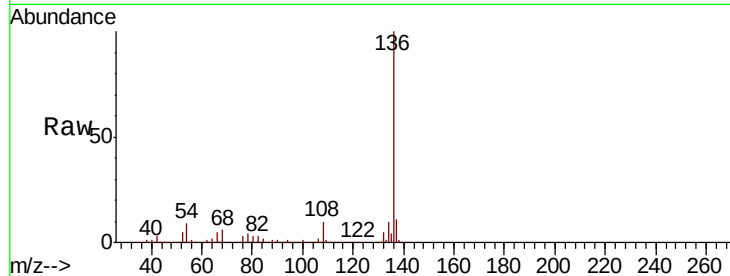




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:	136	Resp:	634954
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.2	7.7	11.5
68	5.6	4.9	7.3



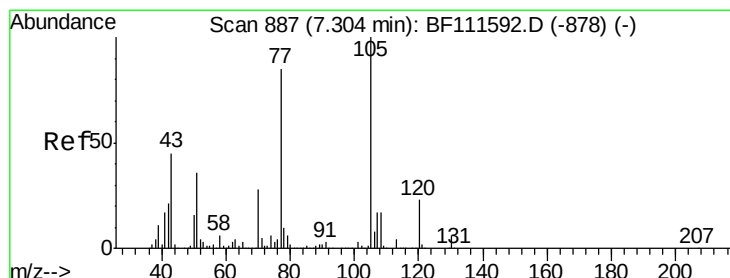
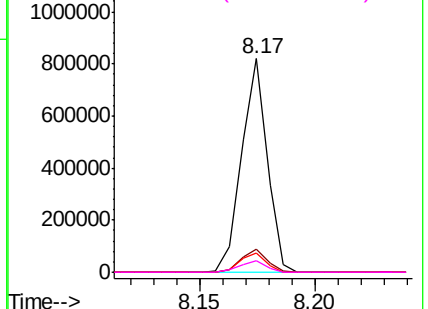
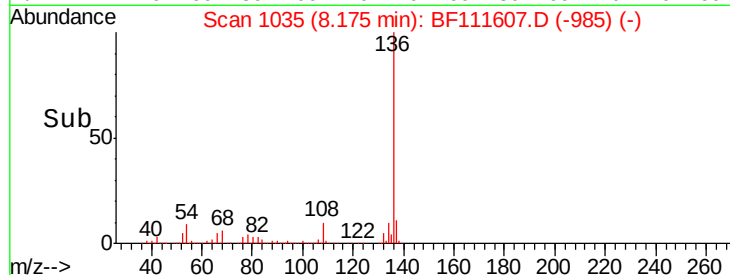
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

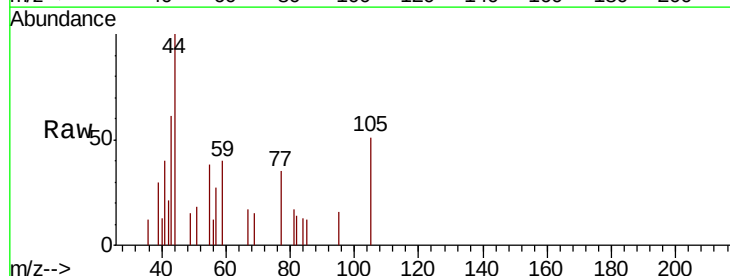
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 0.079 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:	105	Resp:	1276
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.1	4.7#
51	35.6	36.6	54.8#
120	0.0	18.2	27.4#



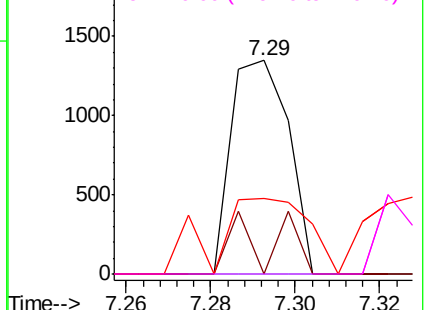
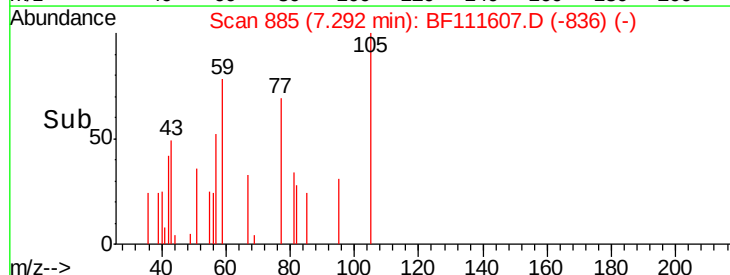
Abundance

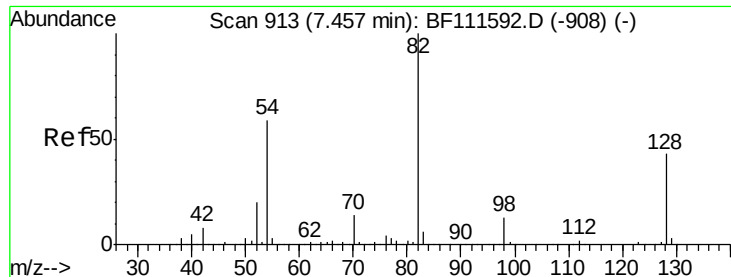
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

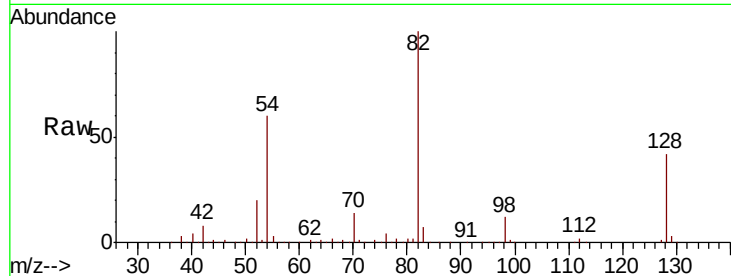




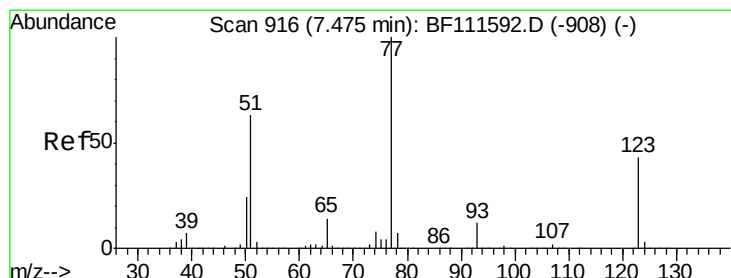
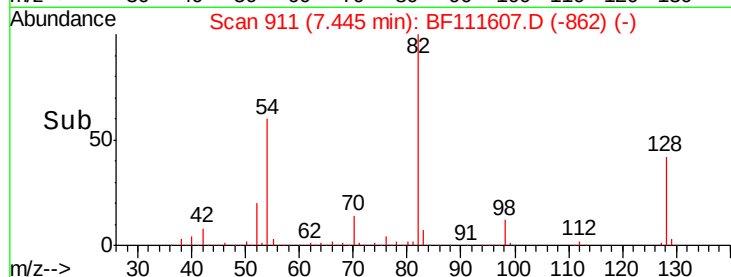
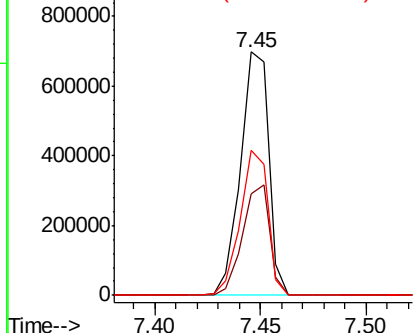
#23
 Nitrobenzene-d5
 Concen: 59.250 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE

Tgt Ion: 82 Resp: 646322
 Ion Ratio Lower Upper
 82 100
 128 41.9 37.4 56.2
 54 59.7 47.6 71.4

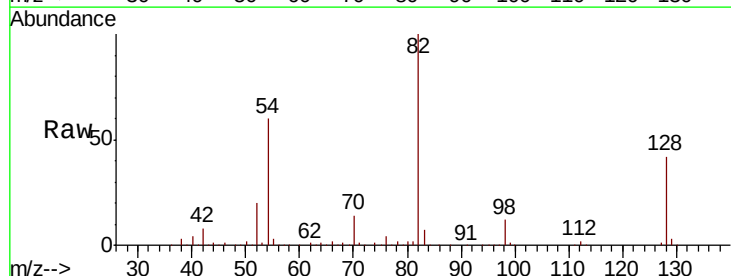


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

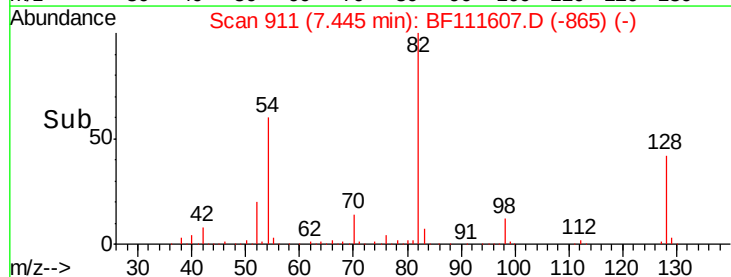
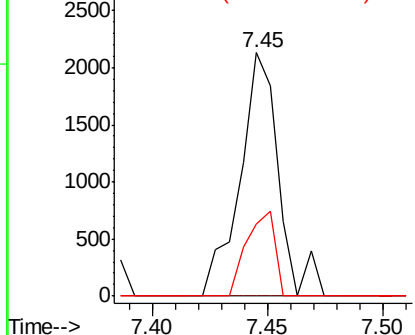


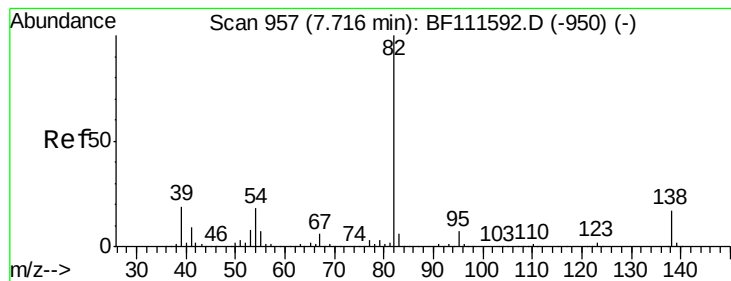
#24
 Nitrobenzene
 Concen: 0.219 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.03 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

Tgt Ion: 77 Resp: 2500
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.2 55.8#
 65 29.4 11.5 17.3#



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





#25

Isophorone

Concen: 33.374 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.27 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SLUDGE

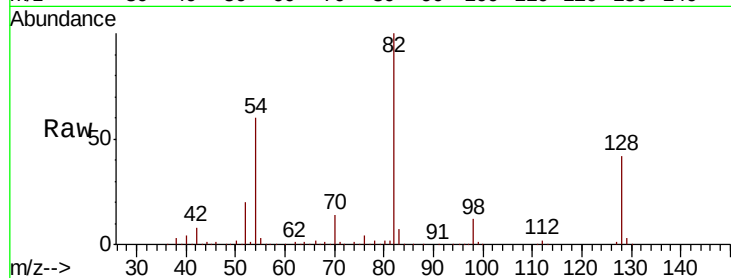
Tgt Ion: 82 Resp: 646308

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

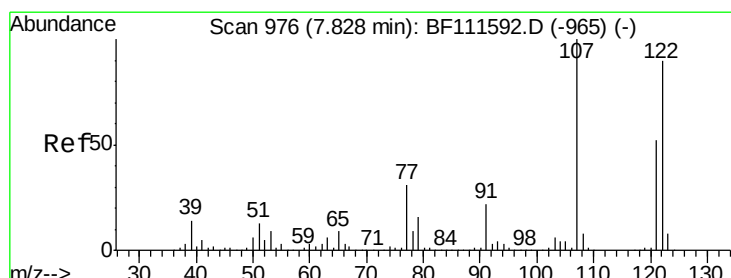
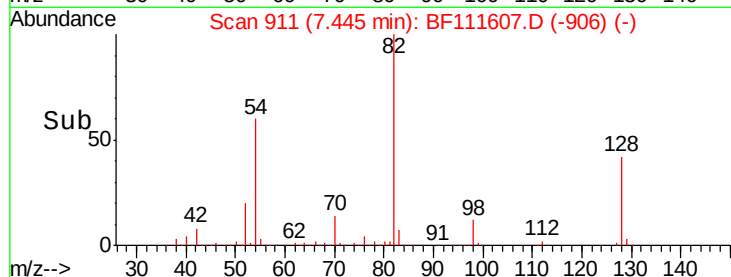
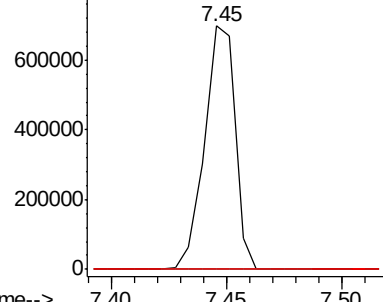
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#27

2,4-Dimethylphenol

Concen: 0.013 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

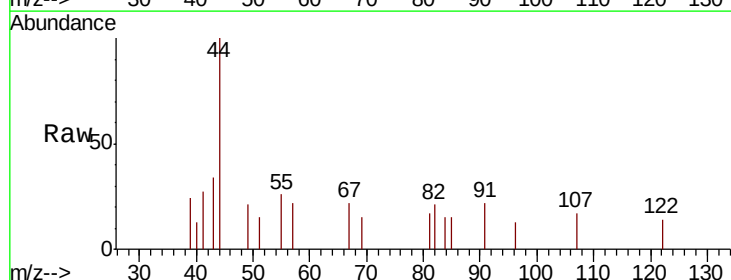
Tgt Ion: 122 Resp: 115

Ion Ratio Lower Upper

122 100

107 120.9 85.5 128.3

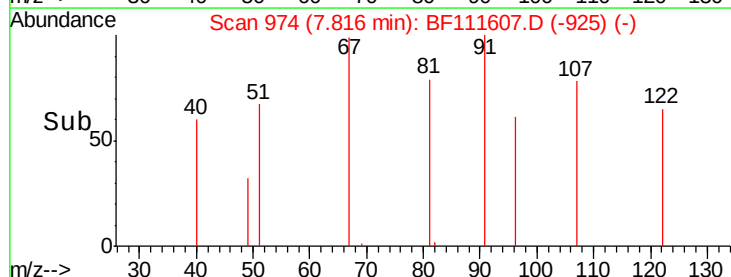
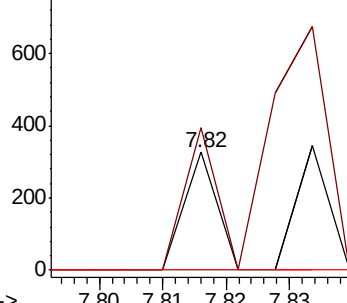
121 0.0 46.6 70.0#

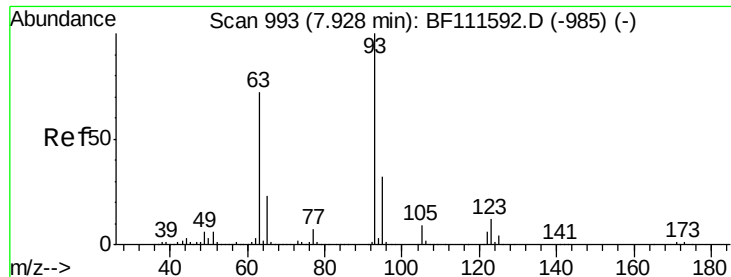


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

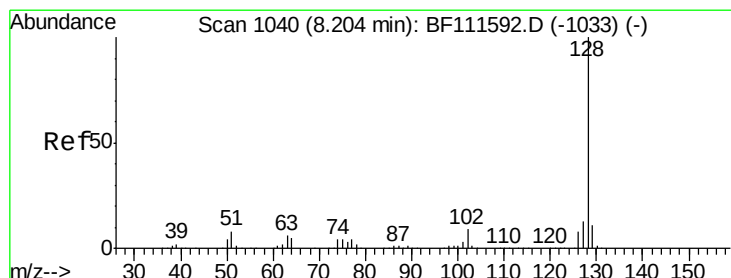
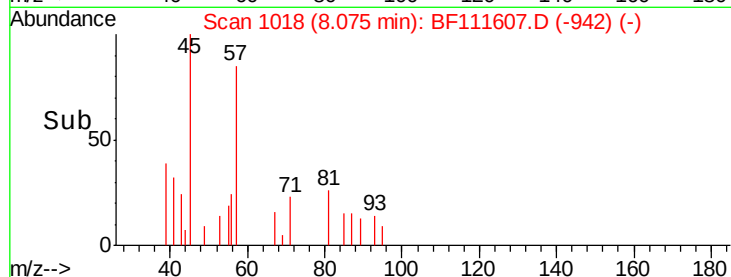
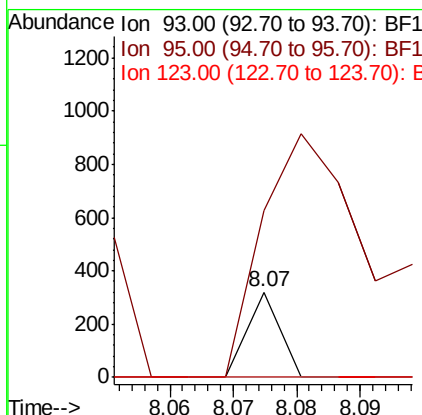
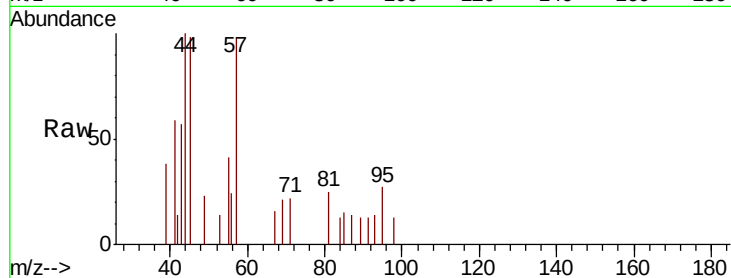




#28
bis(2-Chloroethoxy)methane
Concen: 0.009 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.15 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

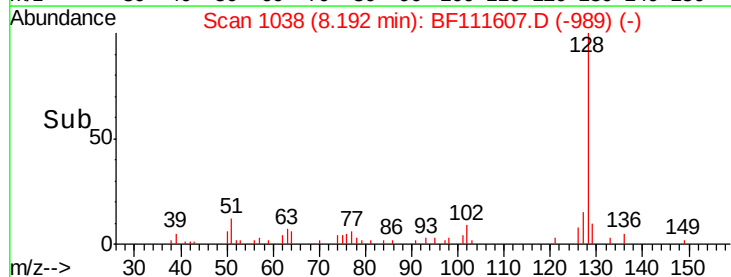
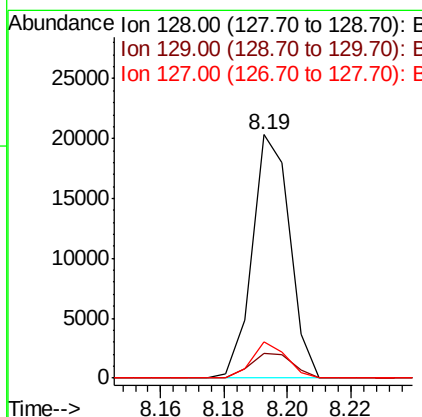
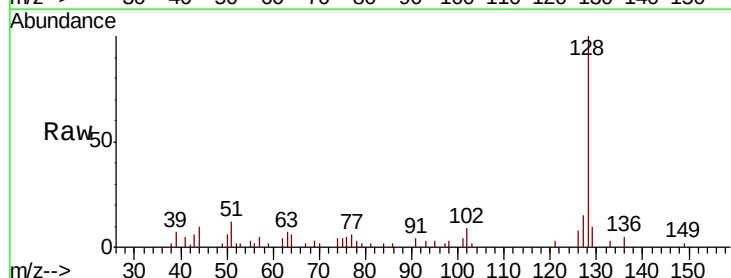
Instrument :
BNA_F
ClientSampleId :
SLUDGE

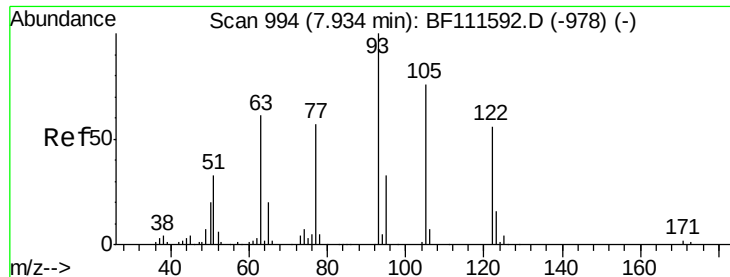
Tgt Ion: 93 Resp: 113
Ion Ratio Lower Upper
93 100
95 195.3 27.1 40.7#
123 0.0 9.9 14.9#



#31
Naphthalene
Concen: 0.546 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion: 128 Resp: 16671
Ion Ratio Lower Upper
128 100
129 10.2 9.8 14.8
127 14.8 12.0 18.0





#32

Benzoic acid

Concen: 0.024 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SLUDGE

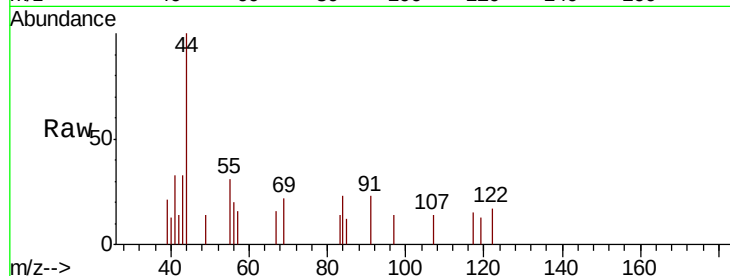
Tgt Ion:122 Resp: 146

Ion Ratio Lower Upper

122 100

105 0.0 97.0 137.0#

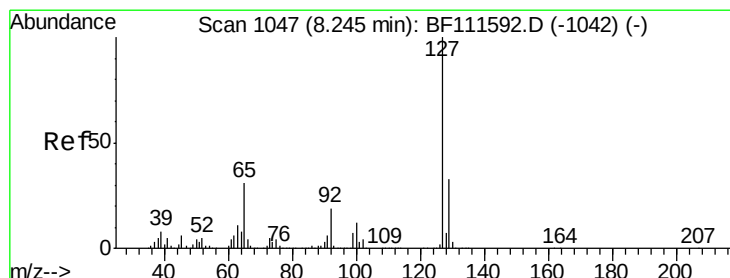
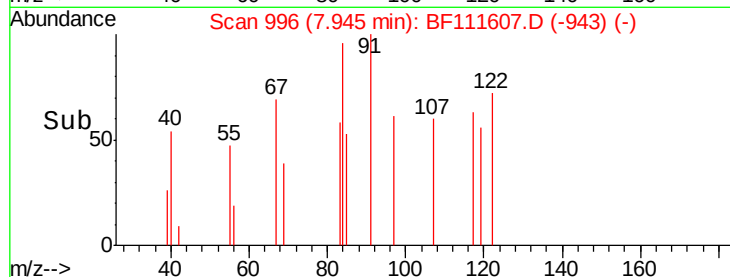
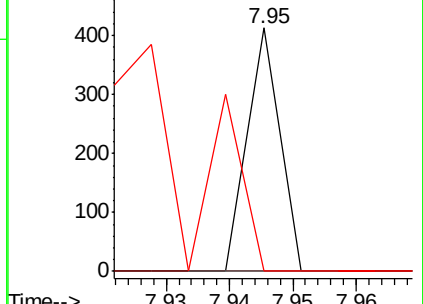
77 0.0 65.7 105.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 0.173 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

Tgt Ion:127 Resp: 2283

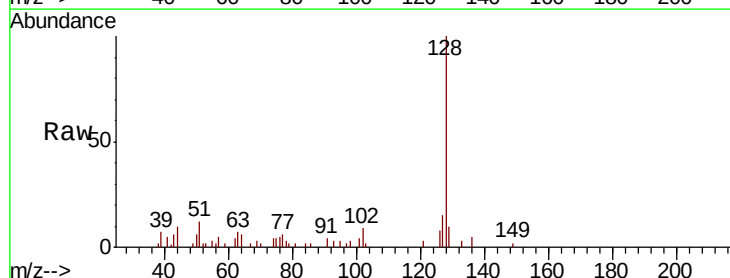
Ion Ratio Lower Upper

127 100

129 69.2 26.6 39.8#

65 0.0 25.7 38.5#

92 0.0 15.4 23.2#

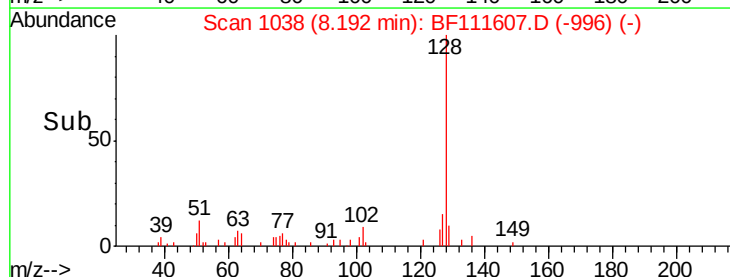
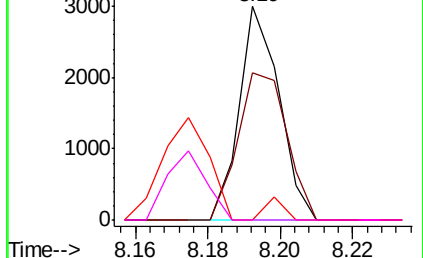


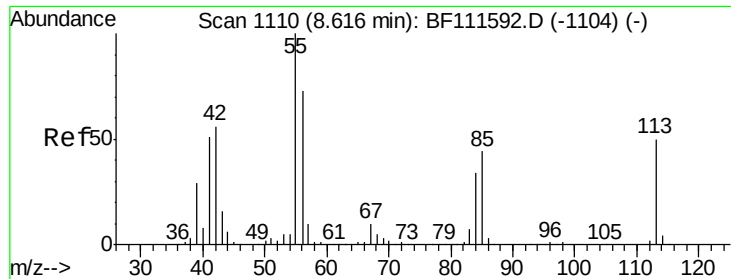
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

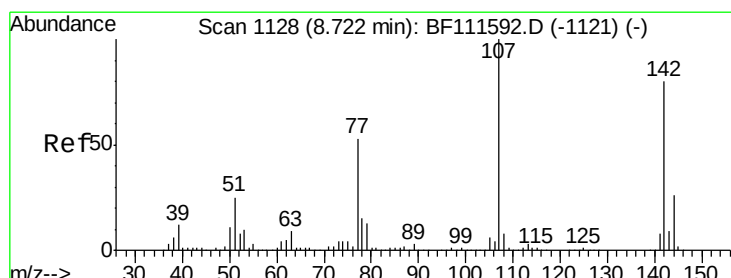
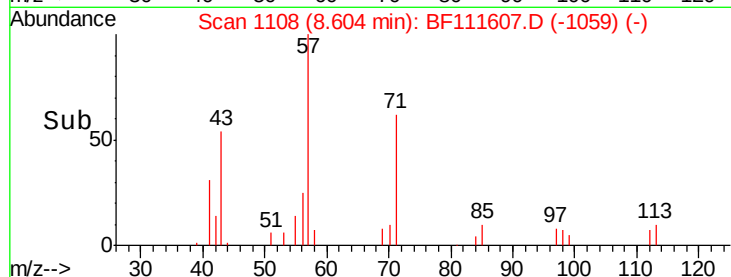
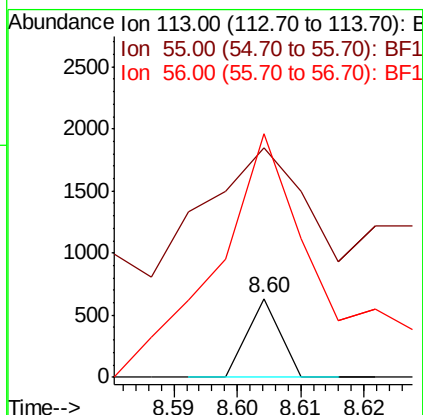
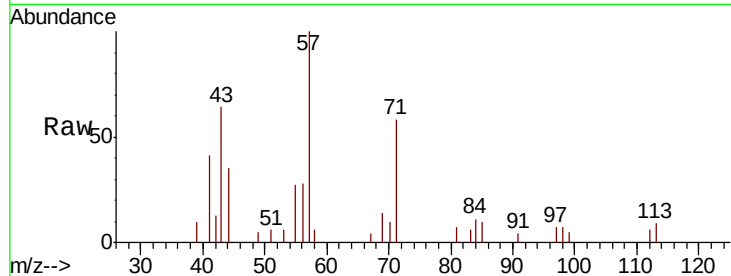




#35
 Caprolactam
 Concen: 0.067 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

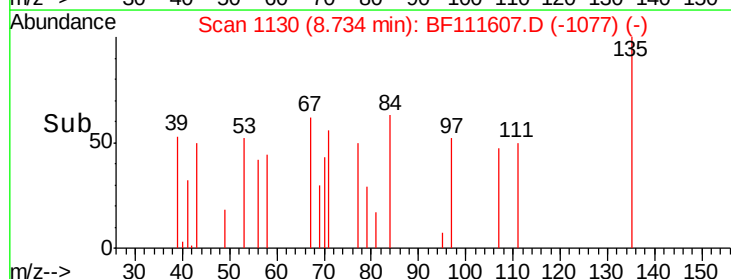
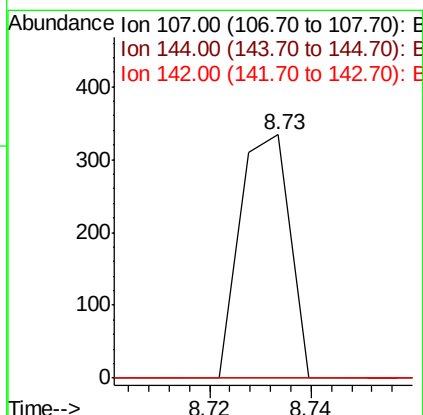
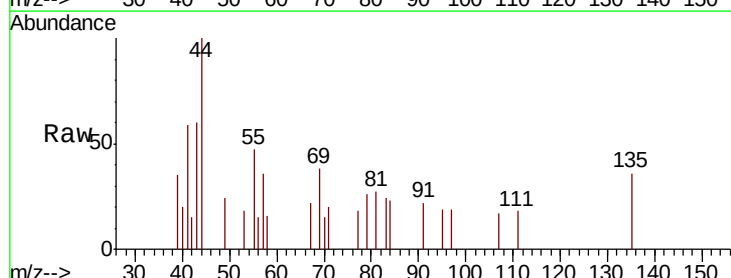
Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE

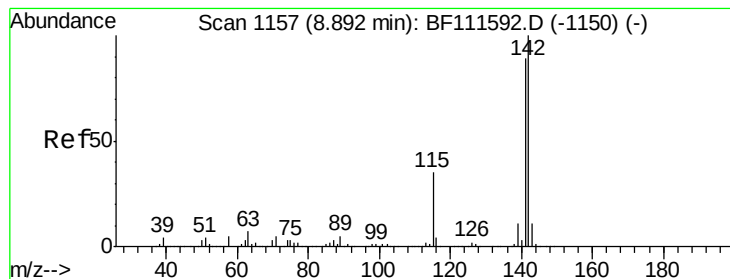
Tgt Ion:113 Resp: 223
 Ion Ratio Lower Upper
 113 100
 55 292.6 184.1 224.1#
 56 310.1 126.0 166.0#



#36
 4-Chloro-3-methylphenol
 Concen: 0.023 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

Tgt Ion:107 Resp: 227
 Ion Ratio Lower Upper
 107 100
 144 0.0 19.8 29.6#
 142 0.0 62.3 93.5#





#37

2-Methylnaphthalene

Concen: 0.421 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SLUDGE

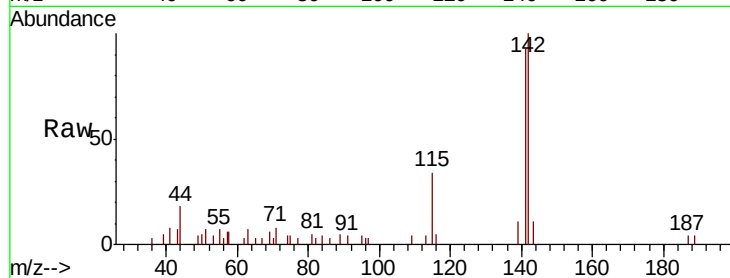
Tgt Ion:142 Resp: 8349

Ion Ratio Lower Upper

142 100

141 92.8 70.6 105.8

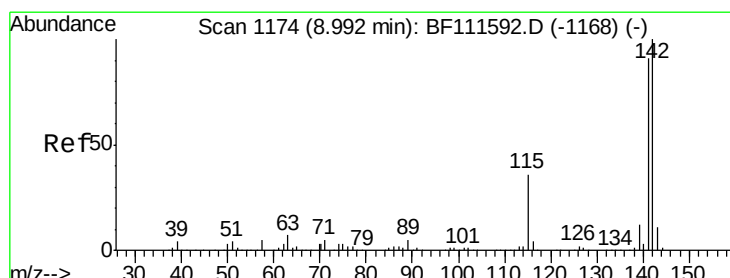
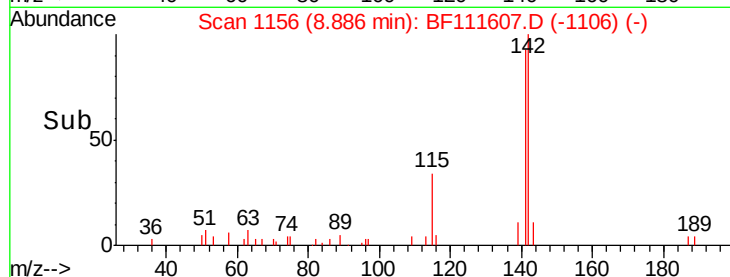
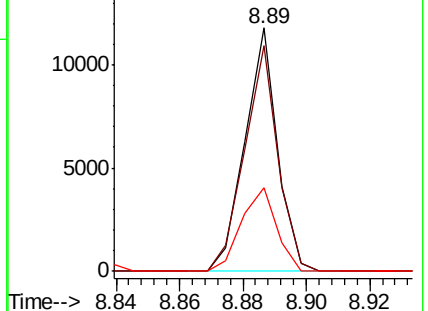
115 34.4 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 0.286 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

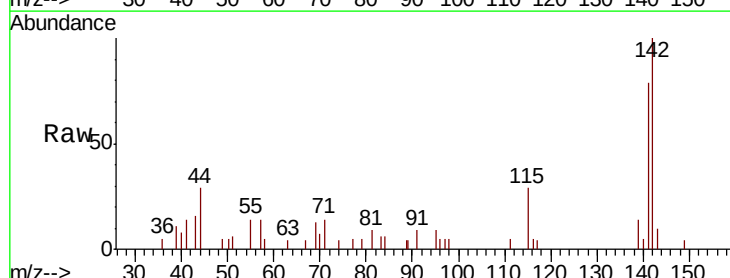
Tgt Ion:142 Resp: 5452

Ion Ratio Lower Upper

142 100

141 78.6 74.2 111.4

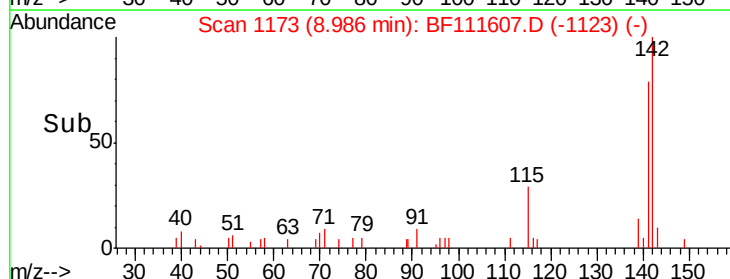
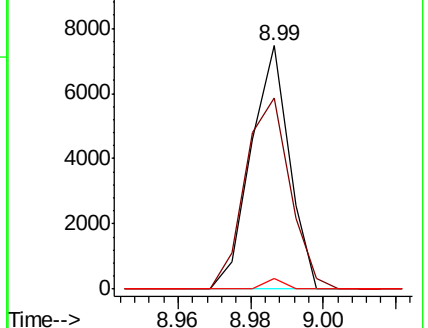
116 4.6 2.9 4.3#

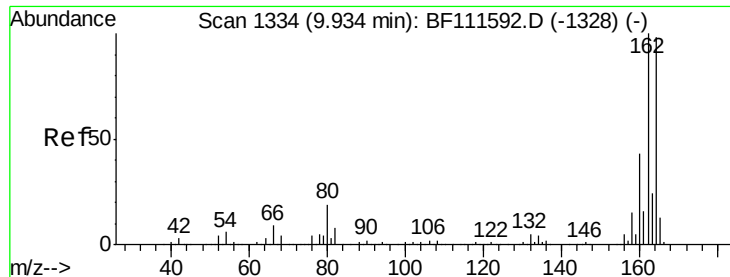


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

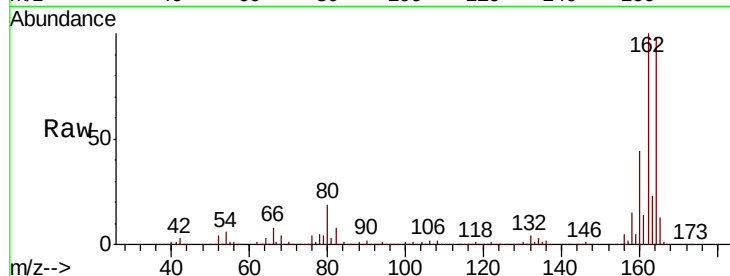




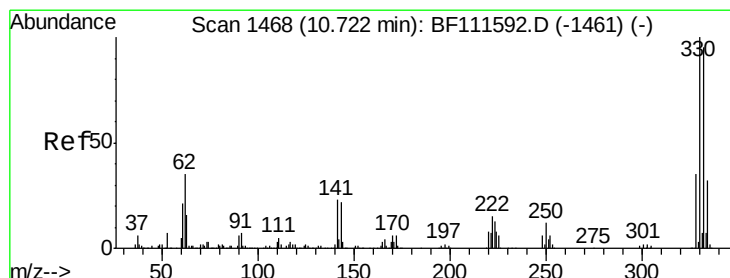
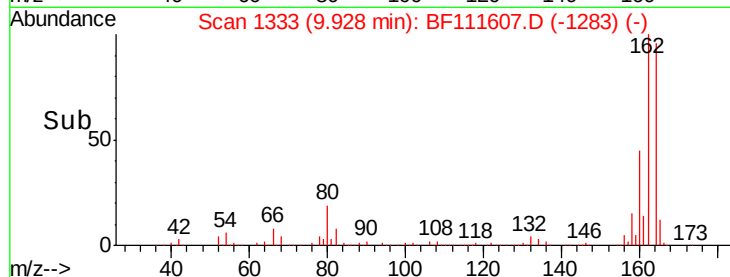
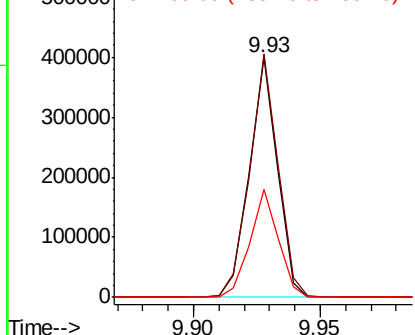
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:164 Resp: 308414
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 45.2 35.7 53.5

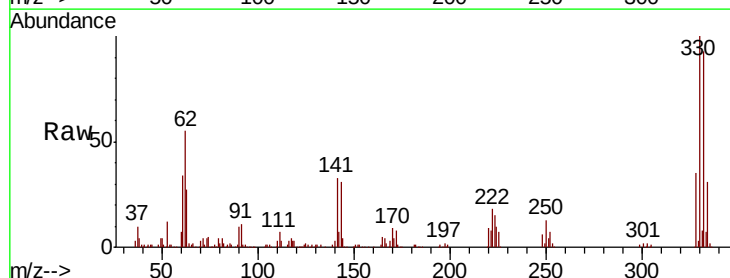


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

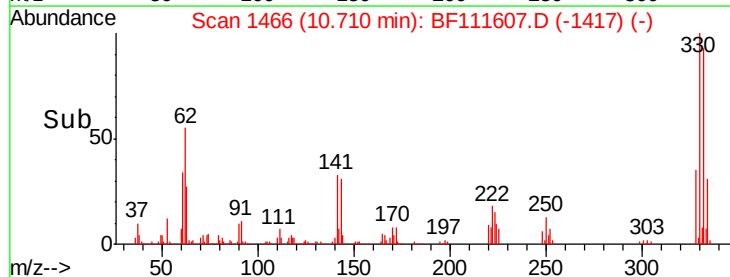
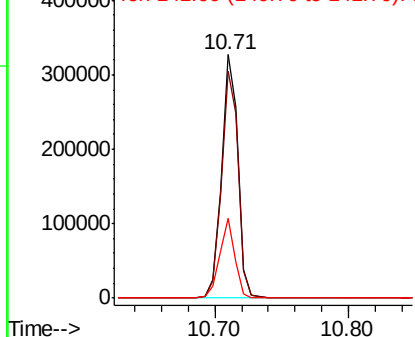


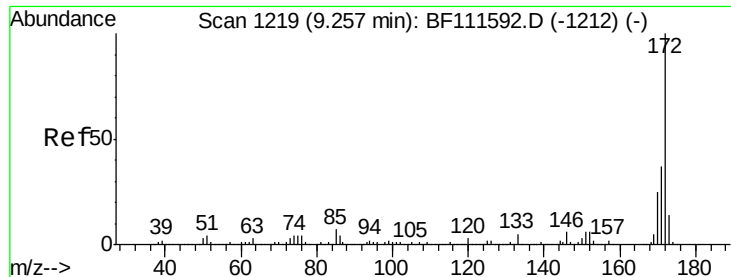
#42
2,4,6-Tribromophenol
Concen: 77.951 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:330 Resp: 284065
Ion Ratio Lower Upper
330 100
332 95.1 76.0 114.0
141 30.2 31.0 46.6#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

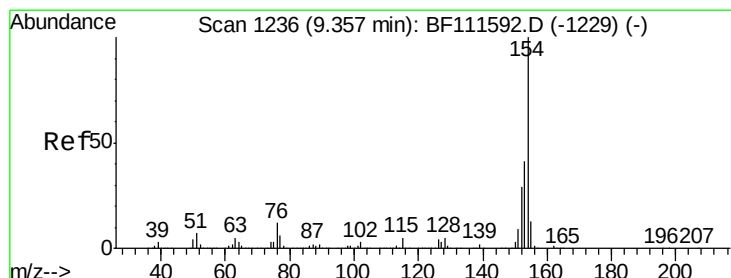
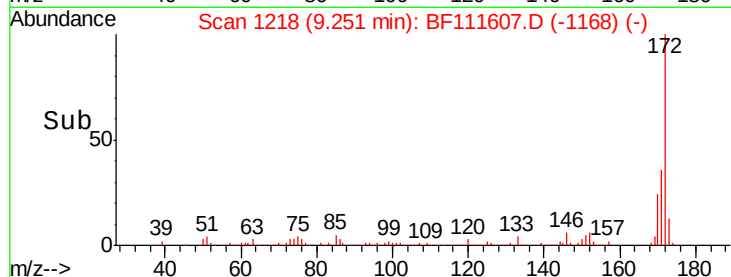
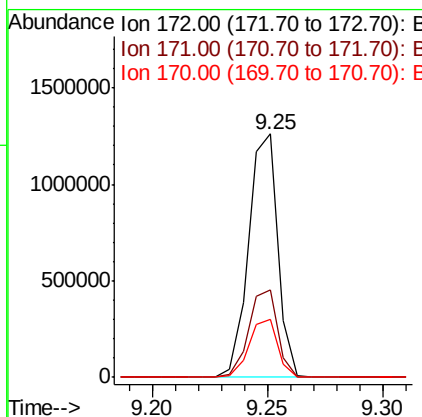
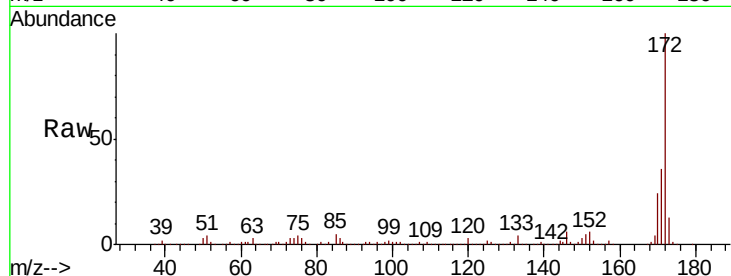




#45
2-Fluorobiphenyl
Concen: 52.835 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

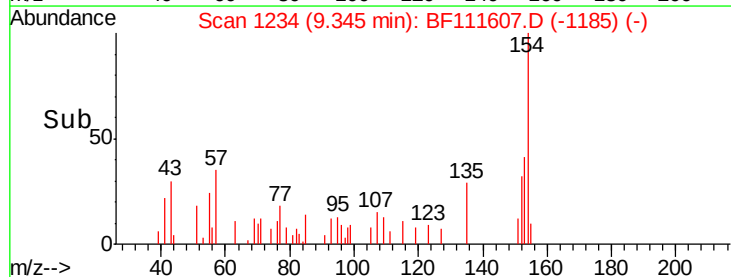
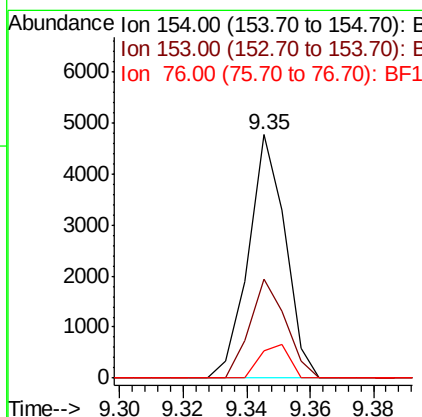
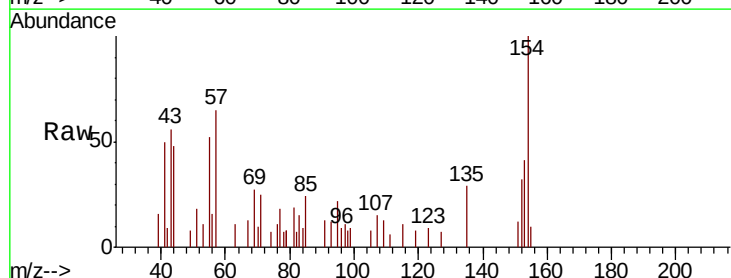
Instrument :
BNA_F
ClientSampleId :
SLUDGE

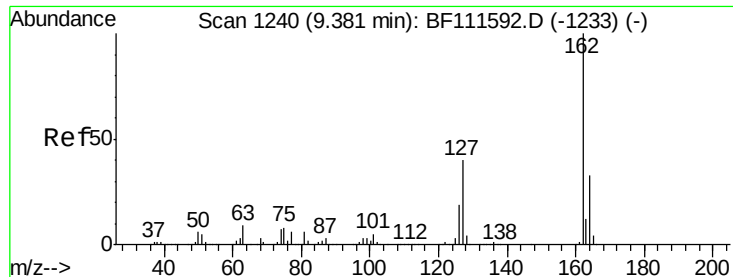
Tgt Ion:172 Resp: 1117957
Ion Ratio Lower Upper
172 100
171 35.9 33.0 49.4
170 23.8 22.3 33.5



#46
1,1'-Biphenyl
Concen: 0.147 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:154 Resp: 3832
Ion Ratio Lower Upper
154 100
153 40.6 23.7 63.7
76 11.4 0.0 35.0





#47

2-Chloronaphthalene

Concen: 0.022 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.25 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SLUDGE

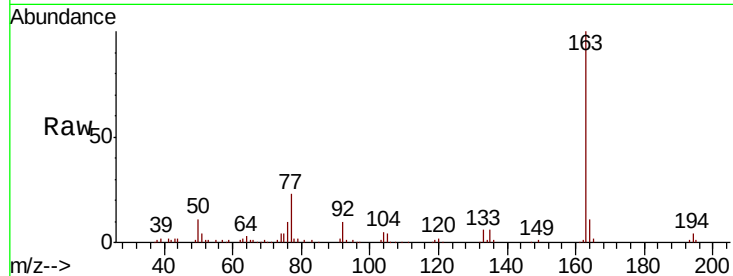
Tgt Ion:162 Resp: 460

Ion Ratio Lower Upper

162 100

127 0.0 35.0 52.4#

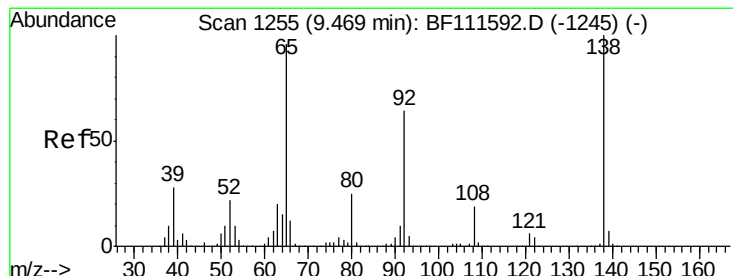
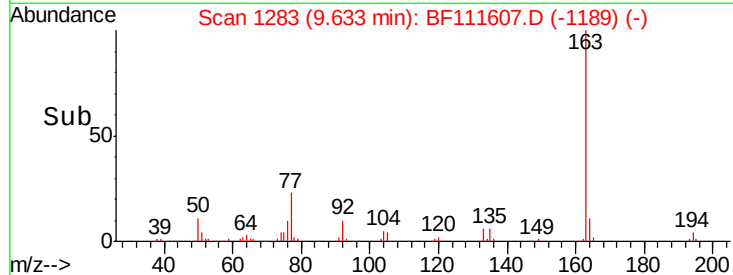
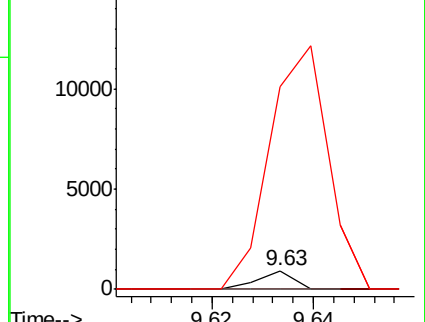
164 1076.1 28.4 42.6#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 0.026 ng

RT: 9.51 min Scan# 1262

Delta R.T. 0.04 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

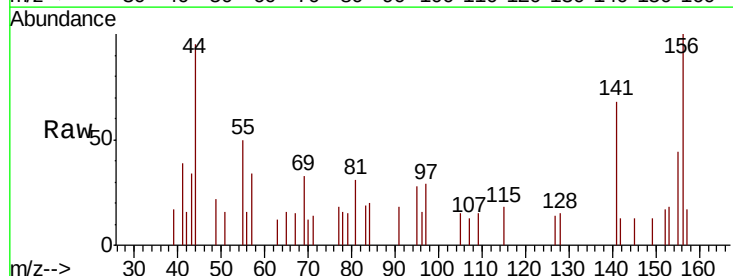
Tgt Ion: 65 Resp: 141

Ion Ratio Lower Upper

65 100

92 0.0 53.5 80.3#

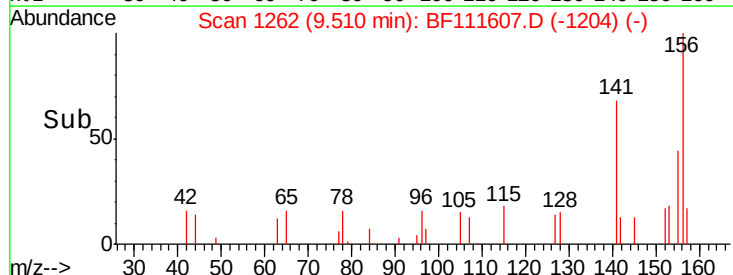
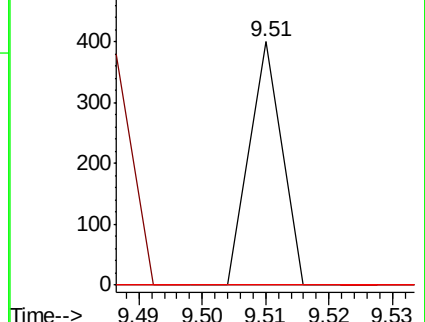
138 0.0 80.9 121.3#

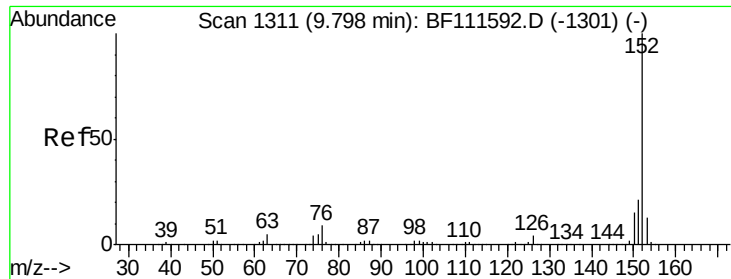


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.043 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SLUDGE

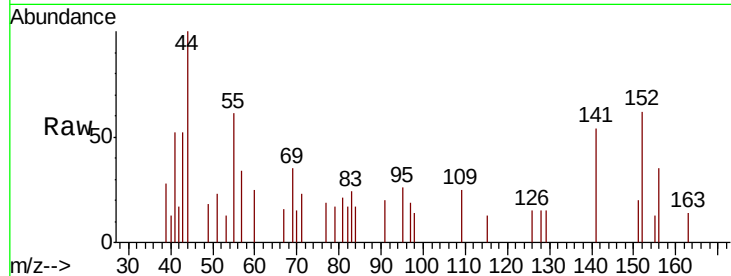
Tgt Ion:152 Resp: 1284

Ion Ratio Lower Upper

152 100

151 33.0 18.0 27.0#

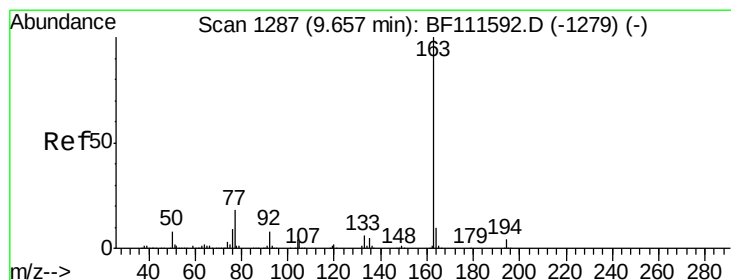
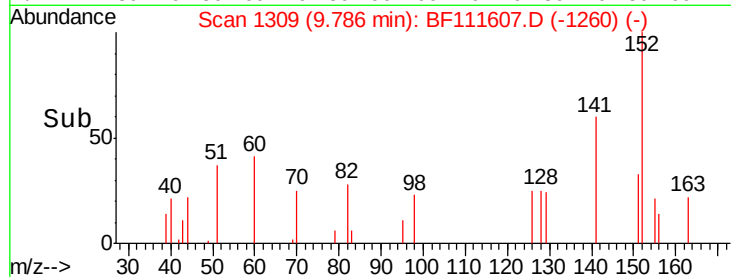
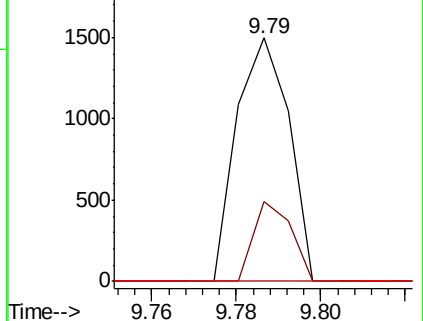
153 0.0 12.3 18.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 4.181 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

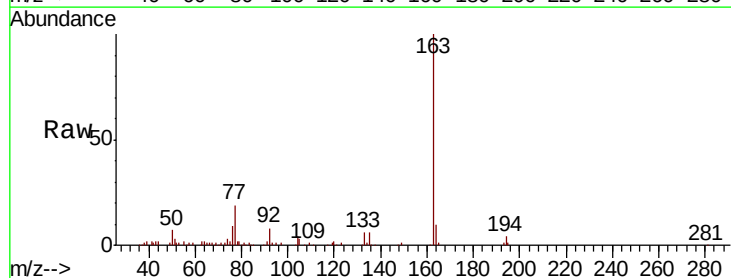
Tgt Ion:163 Resp: 94296

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

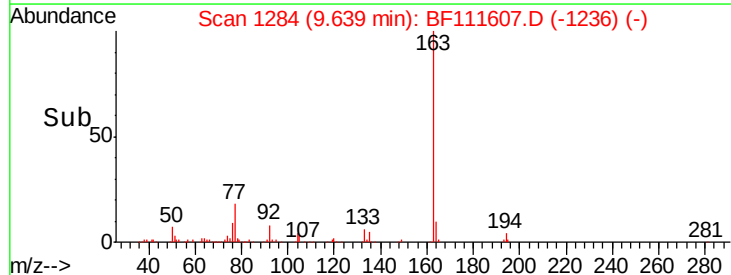
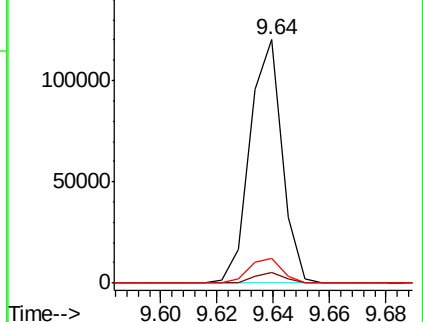
164 10.1 8.9 13.3

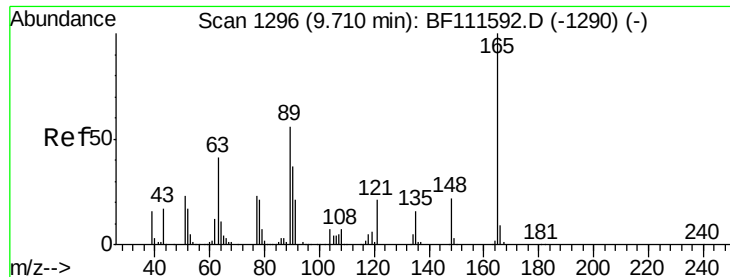


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.731 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.22 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SLUDGE

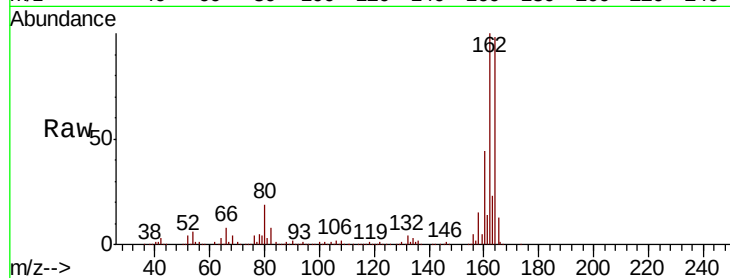
Tgt Ion:165 Resp: 39265

Ion Ratio Lower Upper

165 100

63 1.4 40.5 60.7#

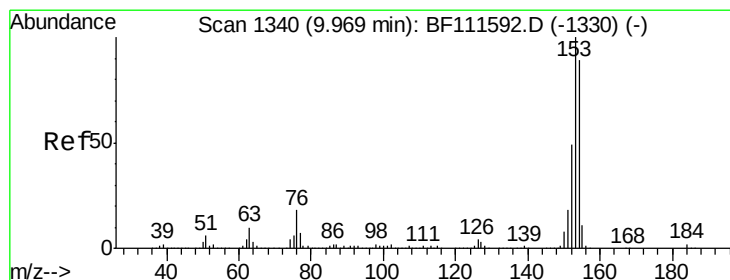
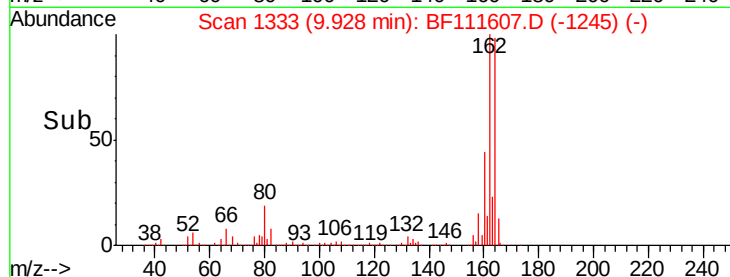
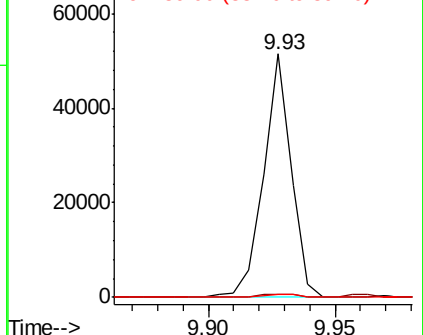
89 1.3 40.0 60.0#



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: 0.272 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

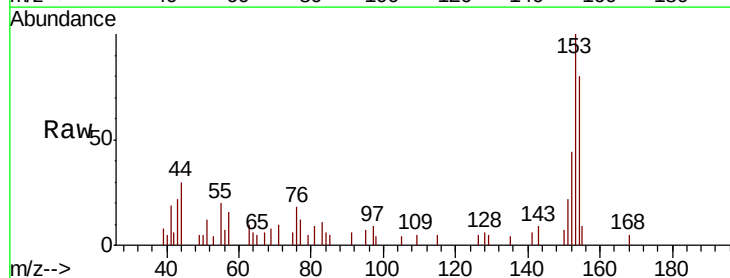
Tgt Ion:154 Resp: 5050

Ion Ratio Lower Upper

154 100

153 125.4 87.8 131.8

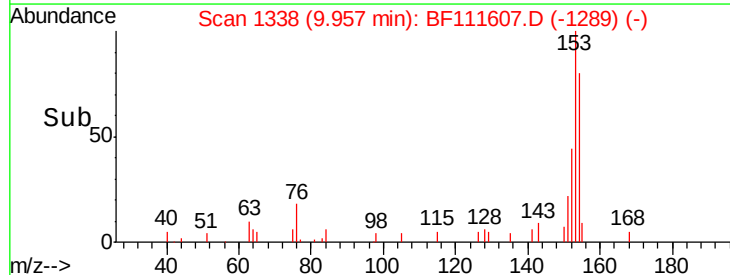
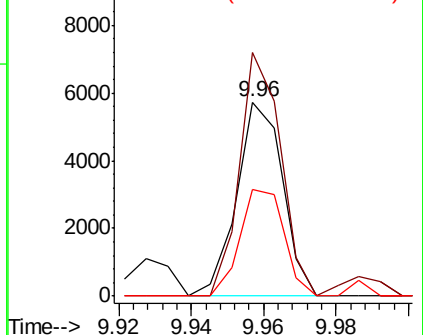
152 54.7 43.4 65.2

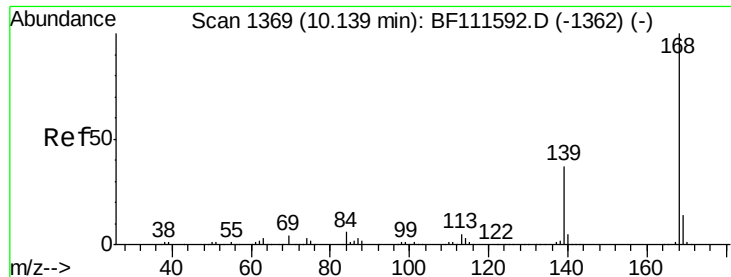


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

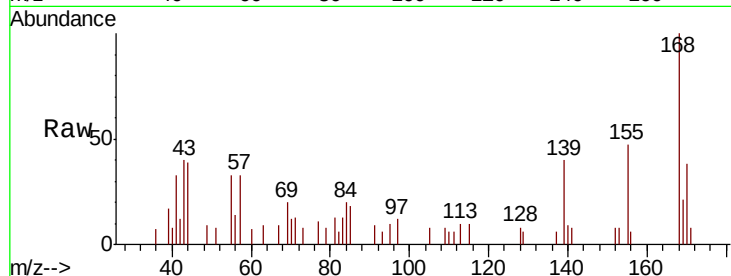




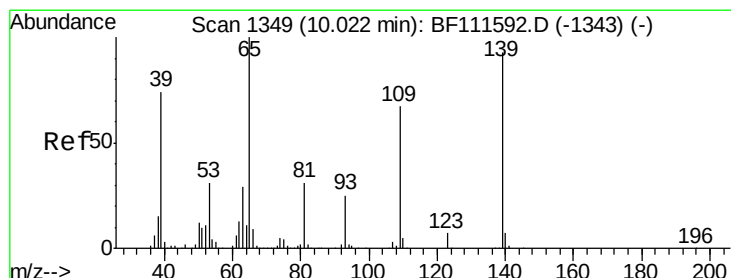
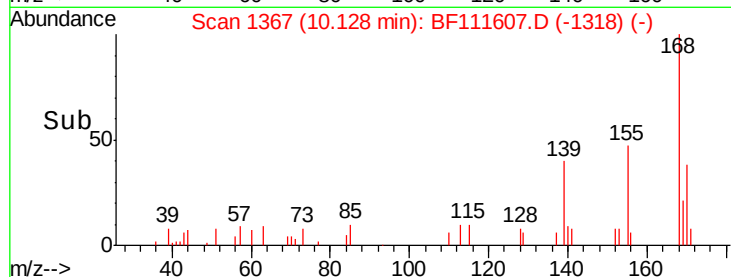
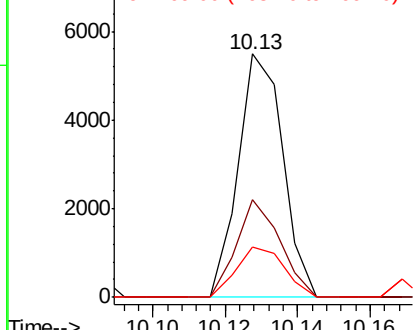
#55
Dibenzofuran
Concen: 0.168 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:168 Resp: 4727
Ion Ratio Lower Upper
168 100
139 40.4 32.6 49.0
169 20.8 11.8 17.6#

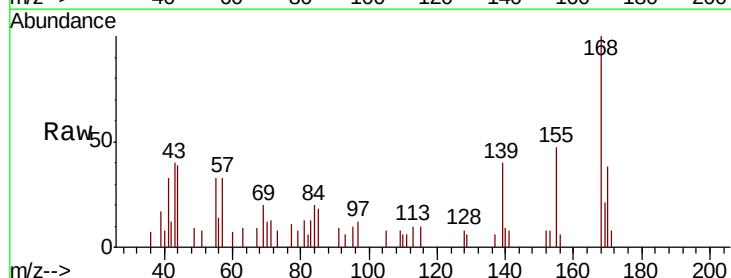


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

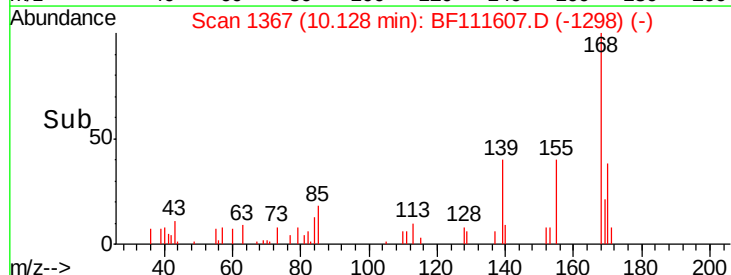
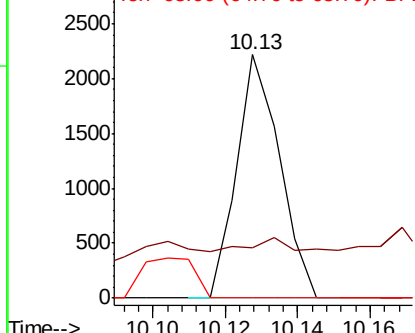


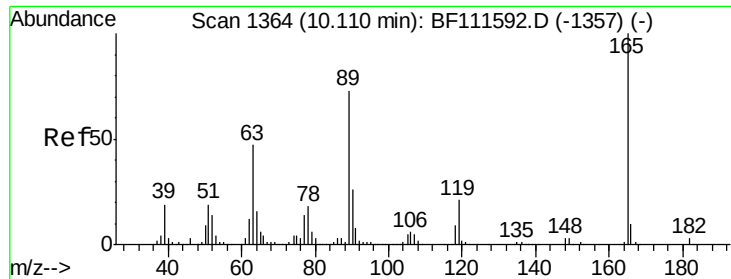
#56
4-Nitrophenol
Concen: 0.504 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:139 Resp: 1844
Ion Ratio Lower Upper
139 100
109 20.8 41.8 81.8#
65 0.0 79.6 119.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

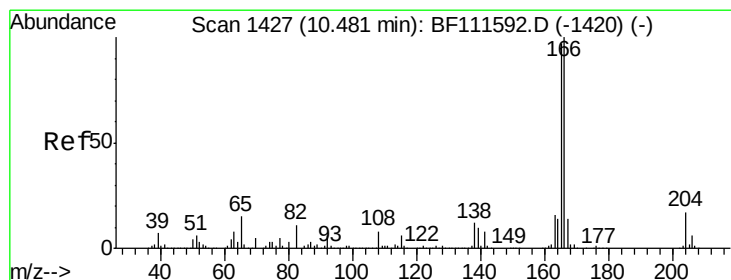
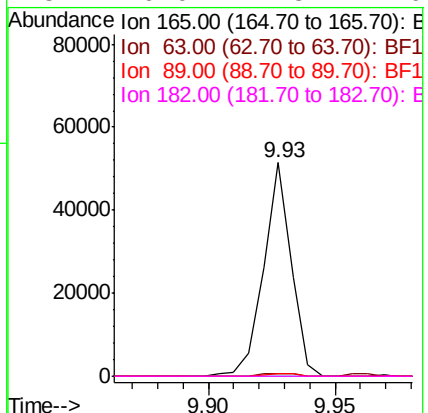
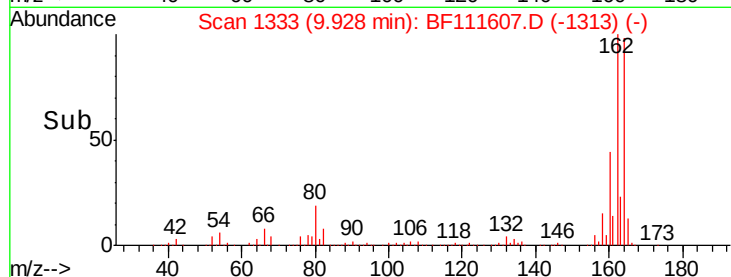
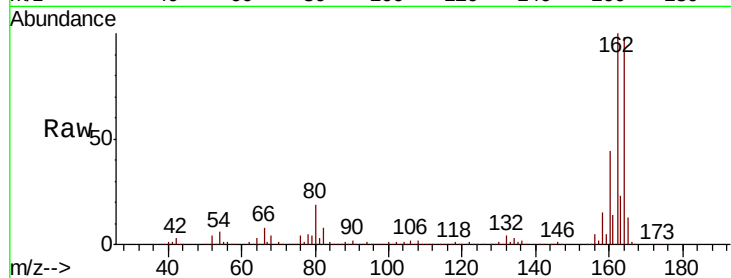




#57
2,4-Dinitrotoluene
Concen: 7.265 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.18 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

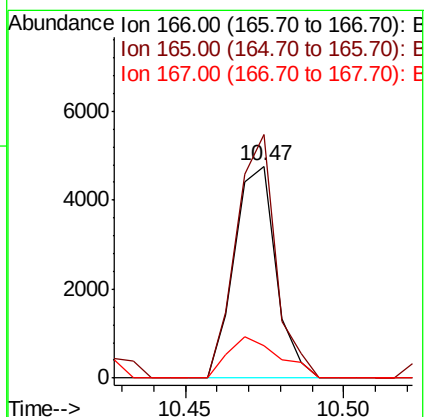
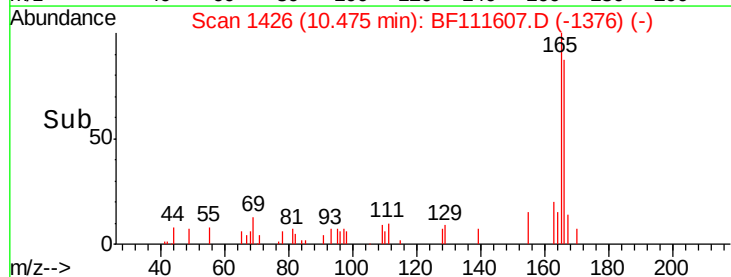
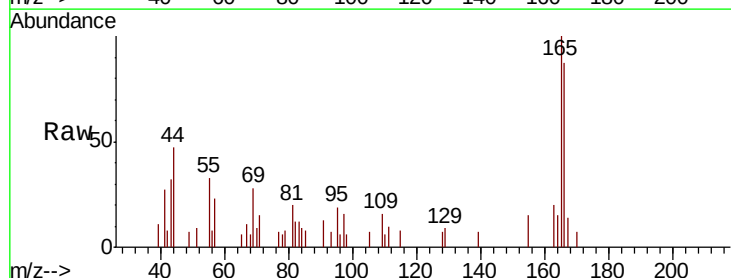
Instrument :
BNA_F
ClientSampleId :
SLUDGE

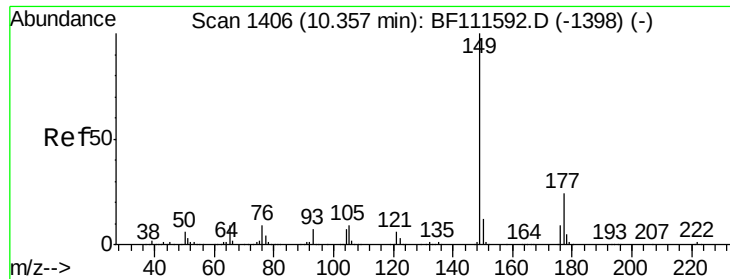
Tgt Ion:	165	Resp:	39265
Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.3	56.2	84.4#
182	0.0	1.8	2.6#



#58
Fluorene
Concen: 0.214 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:	166	Resp:	4330
Ion	Ratio	Lower	Upper
166	100		
165	114.9	78.4	117.6
167	15.6	11.2	16.8

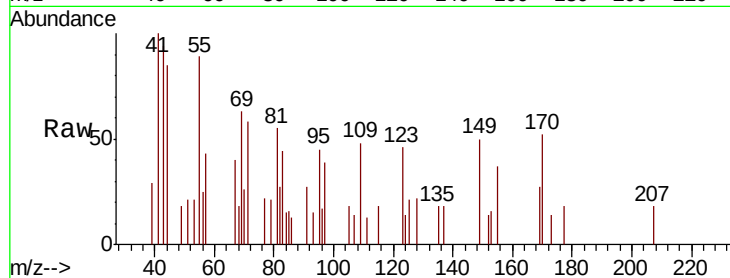




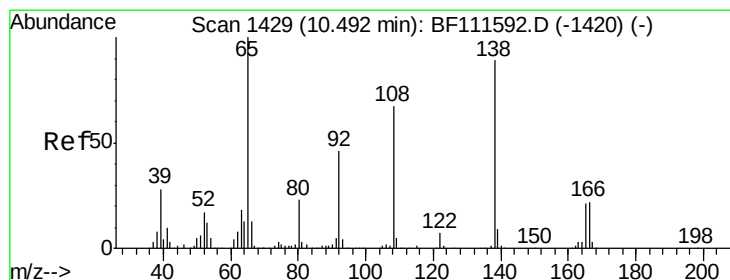
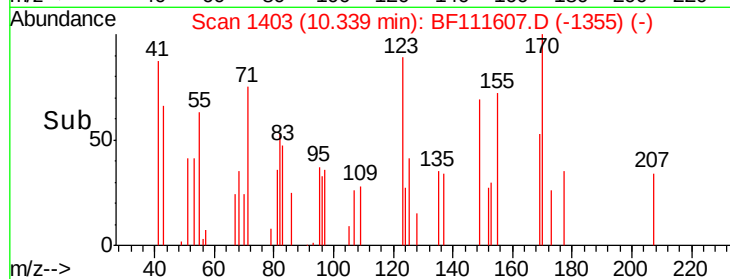
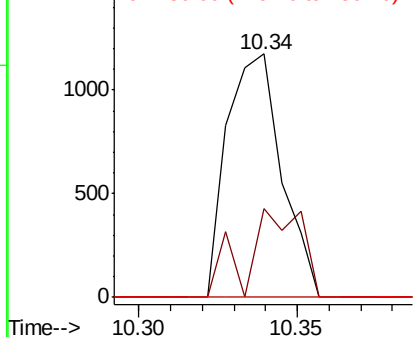
#60
Diethylphthalate
Concen: 0.063 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:149 Resp: 1401
Ion Ratio Lower Upper
149 100
177 36.3 18.3 27.5#
150 0.0 10.6 15.8#

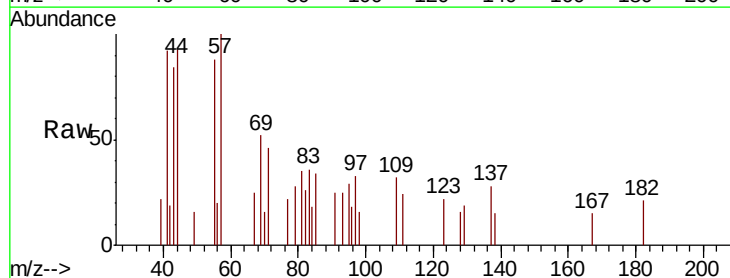


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

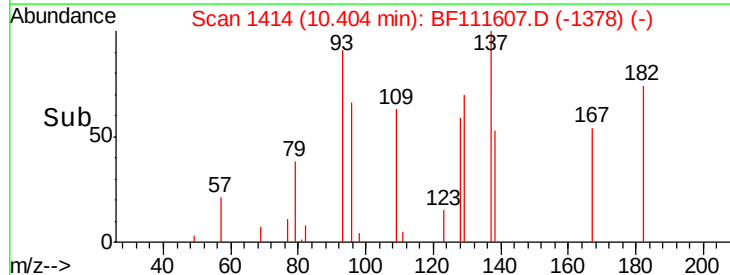
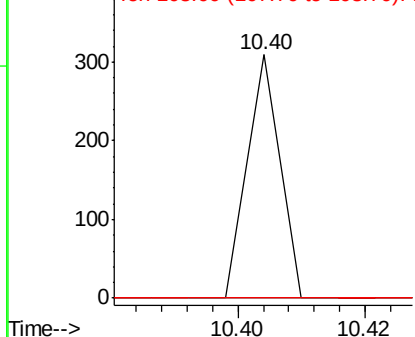


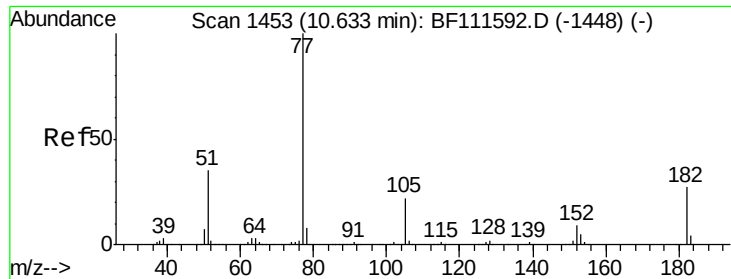
#62
4-Nitroaniline
Concen: 0.023 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.09 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:138 Resp: 109
Ion Ratio Lower Upper
138 100
92 0.0 29.9 69.9#
108 0.0 43.2 83.2#



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

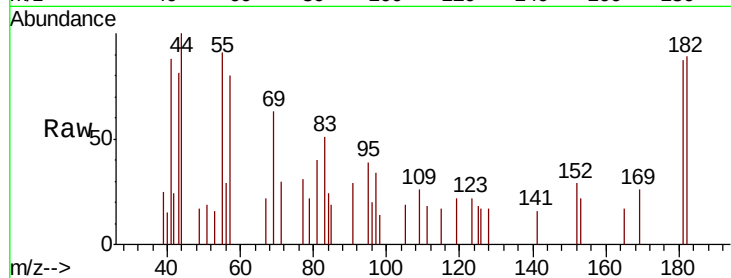




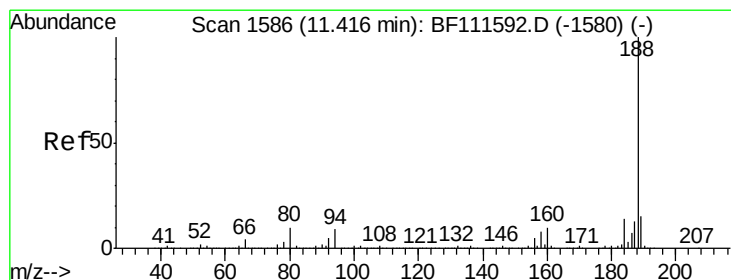
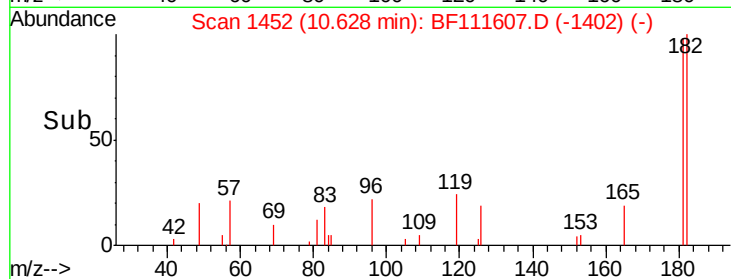
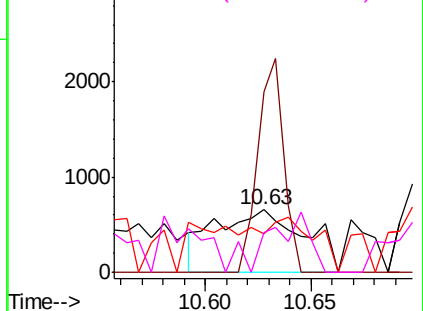
#63
Azobenzene
Concen: 0.086 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion: 77 Resp: 1912
Ion Ratio Lower Upper
77 100
182 288.0 4.9 44.9#
105 62.0 6.0 46.0#
51 62.6 14.7 54.7#

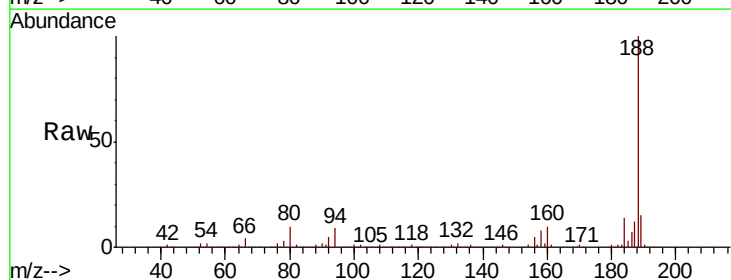


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

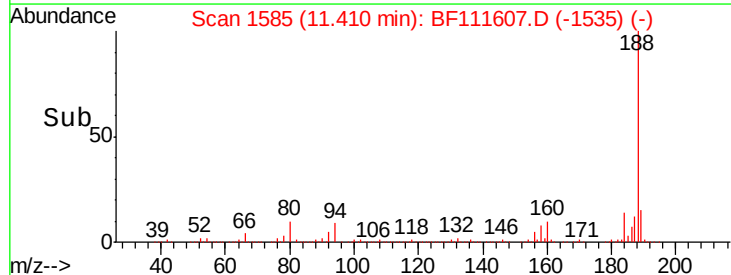
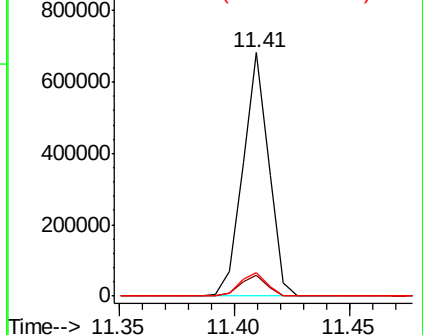


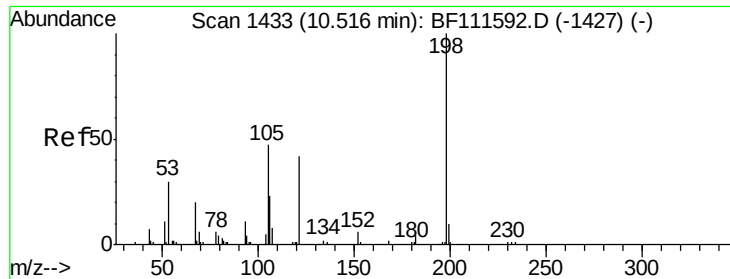
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion: 188 Resp: 532402
Ion Ratio Lower Upper
188 100
94 8.7 9.6 14.4#
80 9.7 9.8 14.6#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

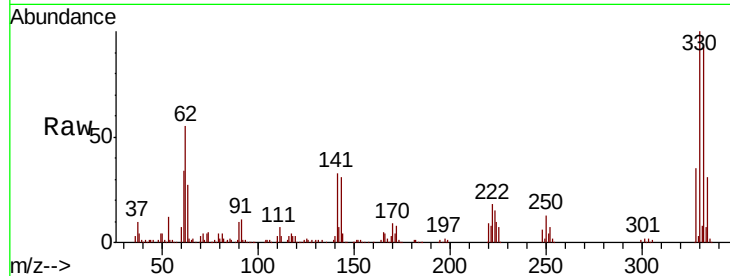




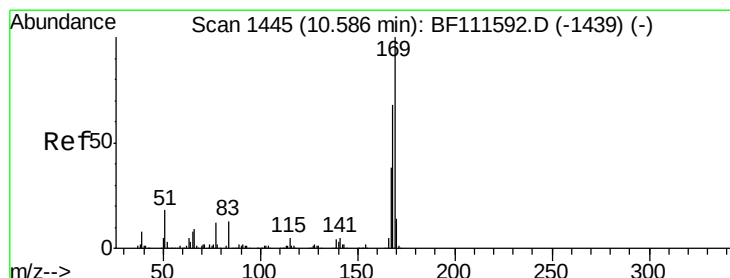
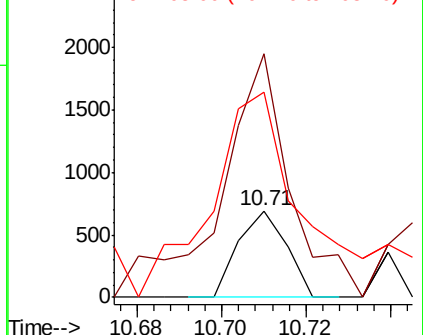
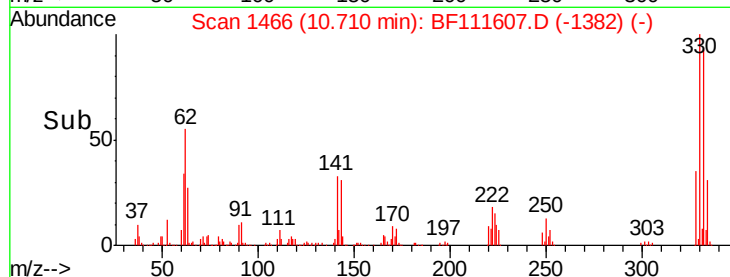
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.908 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE

Tgt Ion:198 Resp: 549
 Ion Ratio Lower Upper
 198 100
 51 280.7 48.0 88.0#
 105 236.3 34.0 74.0#

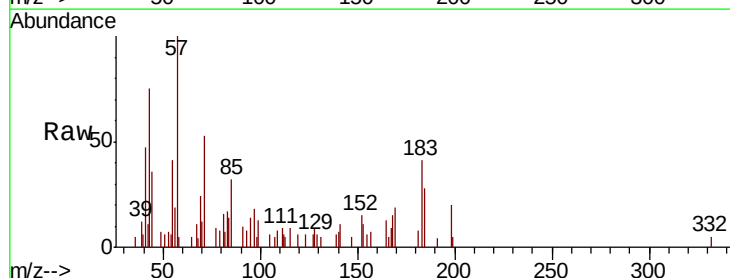


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

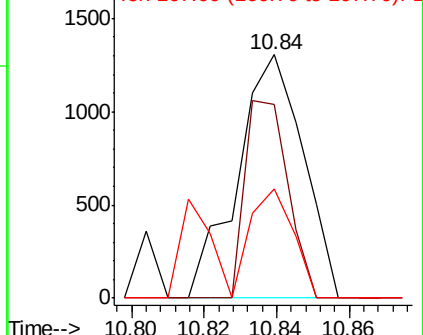
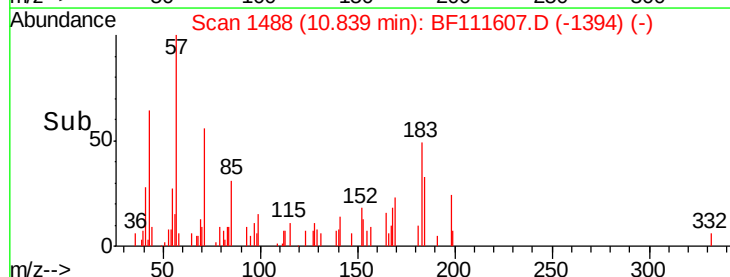


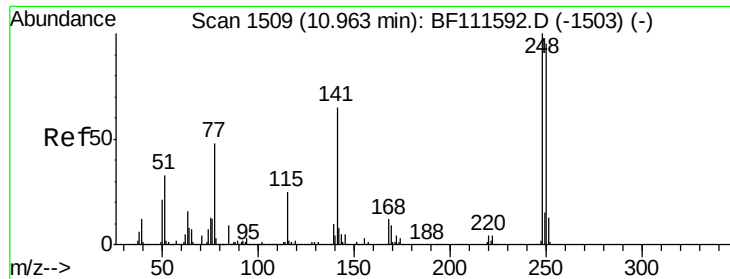
#66
 n-Nitrosodiphenylamine
 Concen: 0.092 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. 0.25 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

Tgt Ion:169 Resp: 1644
 Ion Ratio Lower Upper
 169 100
 168 79.5 54.4 81.6
 167 45.1 30.5 45.7



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

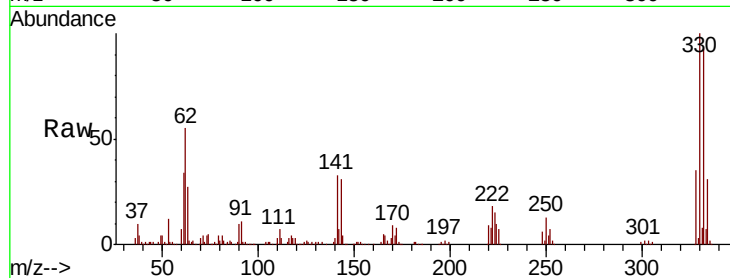




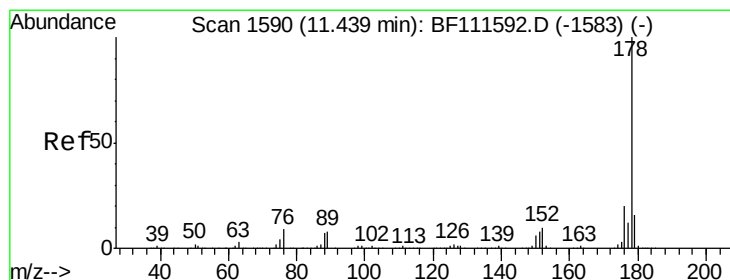
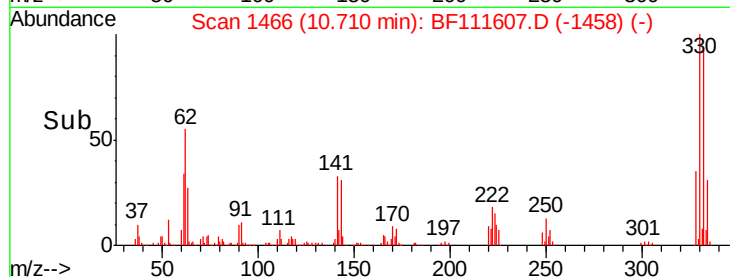
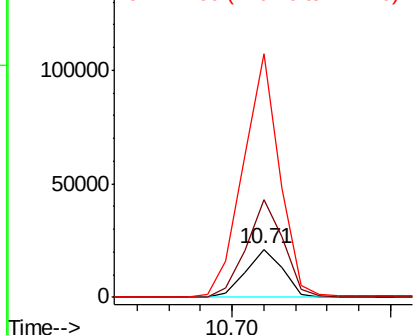
#67
 4-Bromophenyl-phenylether
 Concen: 2.599 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.25 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE

Tgt Ion:248 Resp: 17162
 Ion Ratio Lower Upper
 248 100
 250 201.4 77.0 115.4#
 141 504.8 63.0 94.6#

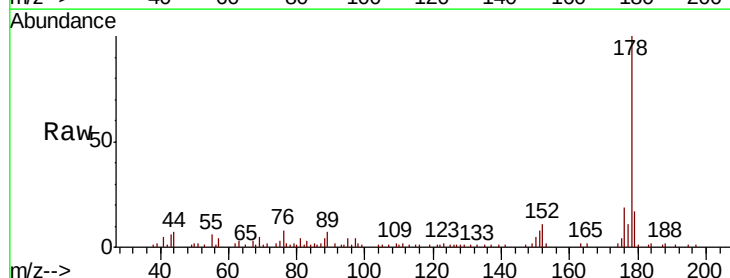


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

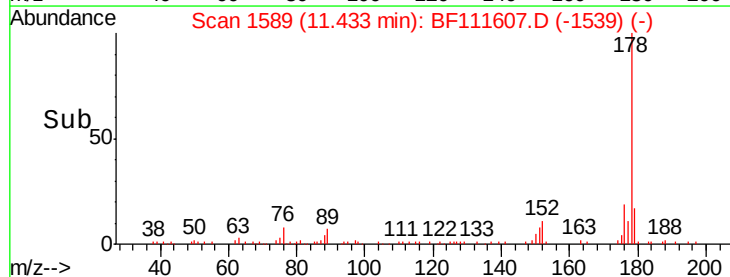
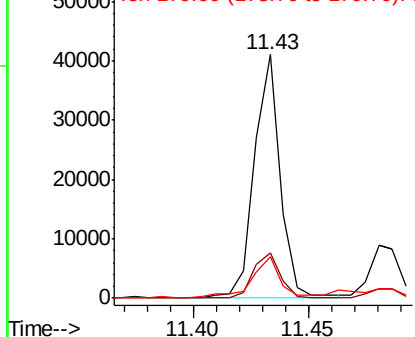


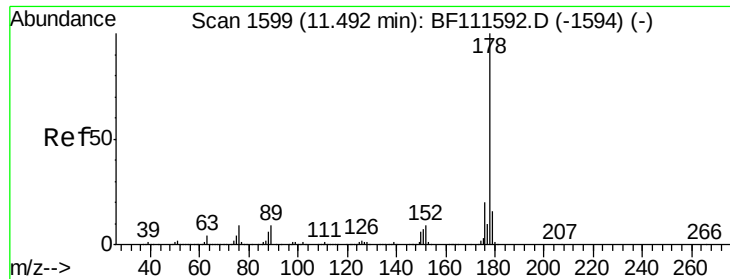
#71
 Phenanthrene
 Concen: 1.140 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

Tgt Ion:178 Resp: 32181
 Ion Ratio Lower Upper
 178 100
 176 18.6 18.1 27.1
 179 16.9 14.0 21.0



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: 0.261 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SLUDGE

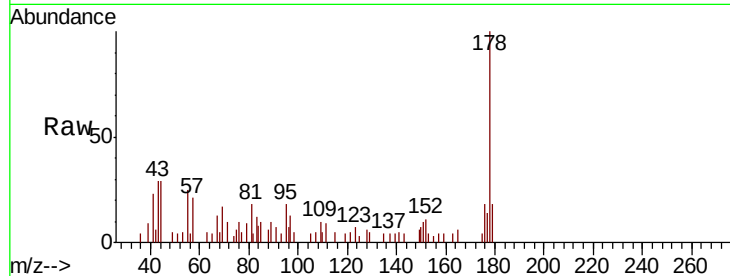
Tgt Ion:178 Resp: 7394

Ion Ratio Lower Upper

178 100

176 18.4 17.2 25.8

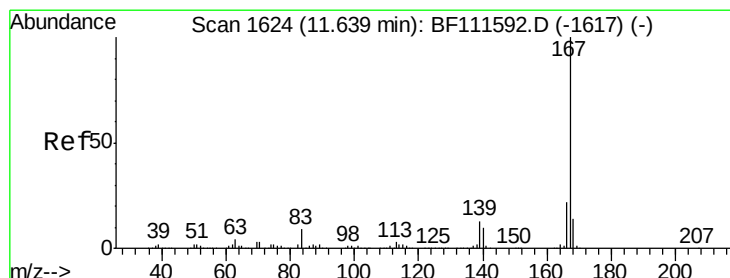
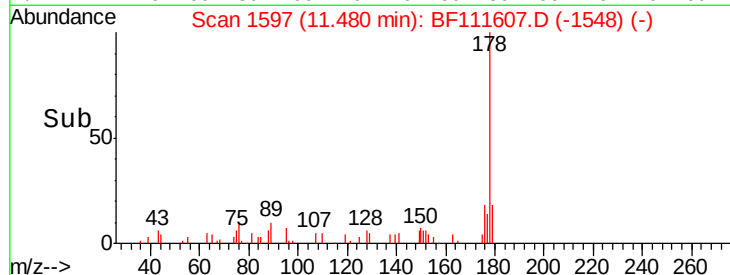
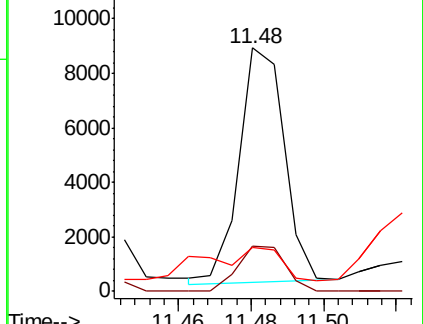
179 18.2 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.124 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

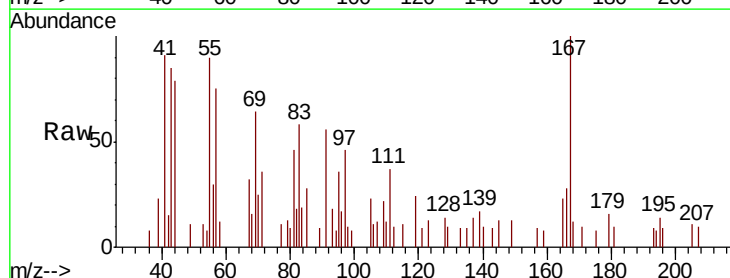
Tgt Ion:167 Resp: 3408

Ion Ratio Lower Upper

167 100

166 28.2 19.3 28.9

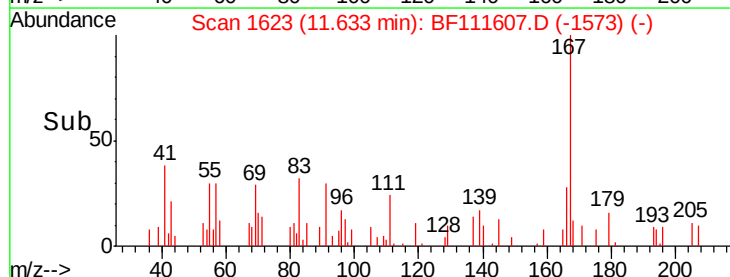
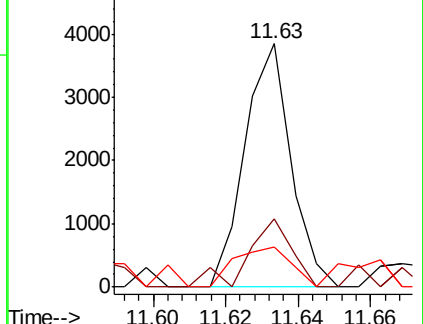
139 16.6 11.9 17.9

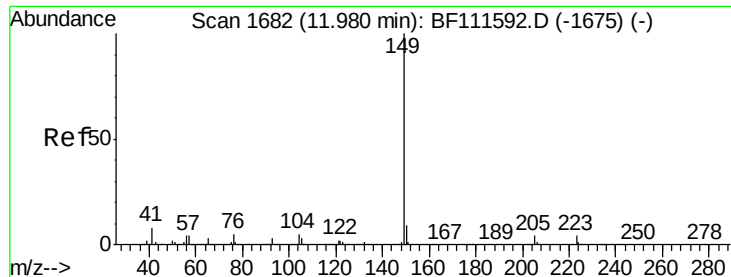


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

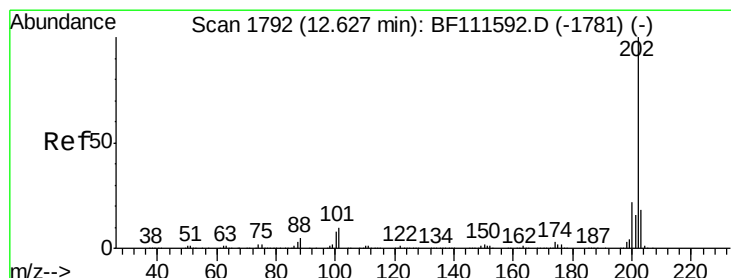
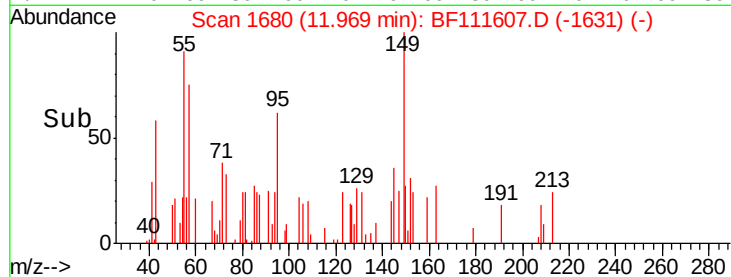
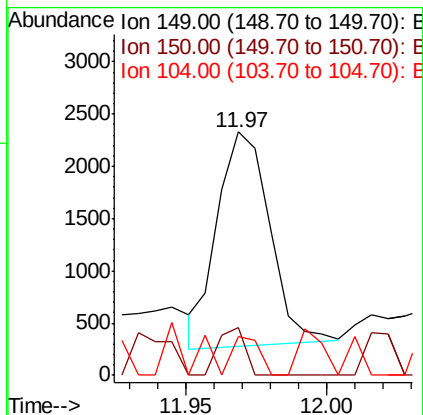
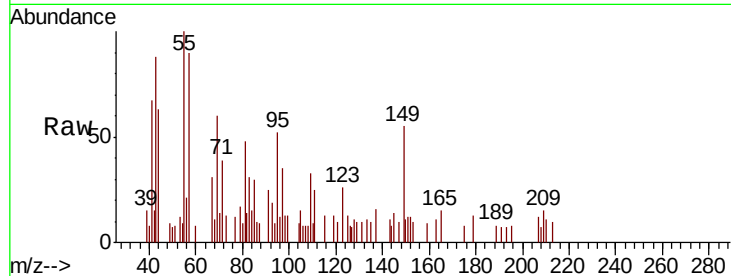




#74
Di-n-butylphthalate
Concen: 0.086 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

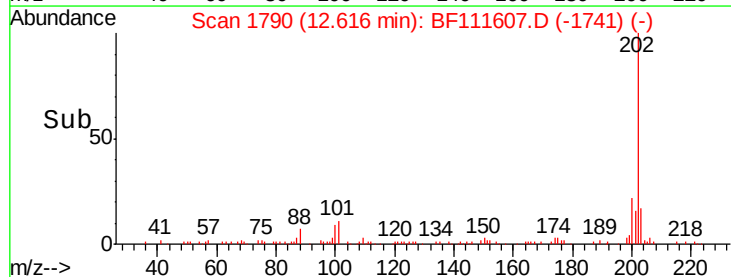
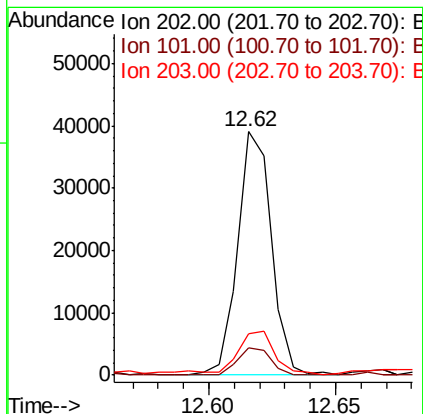
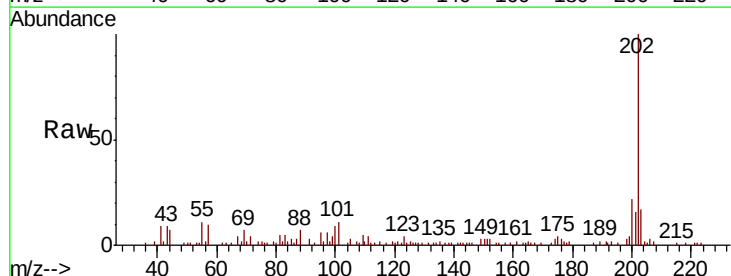
Instrument :
BNA_F
ClientSampleId :
SLUDGE

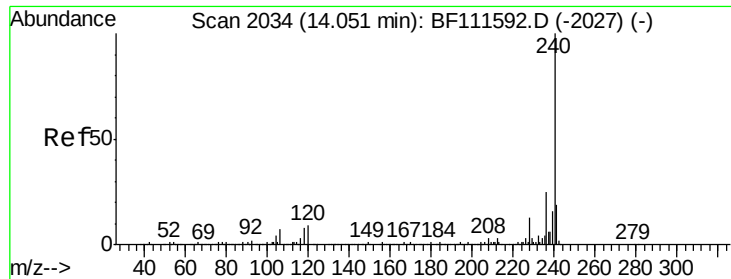
Tgt Ion:149 Resp: 2646
Ion Ratio Lower Upper
149 100
150 19.6 8.8 13.2#
104 15.7 4.5 6.7#



#75
Fluoranthene
Concen: 1.263 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:202 Resp: 36118
Ion Ratio Lower Upper
202 100
101 11.2 0.0 33.8
203 16.9 0.0 38.6

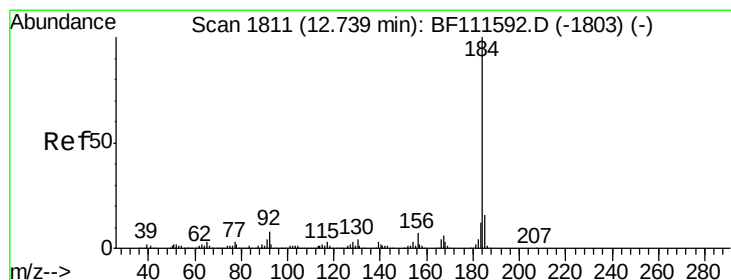
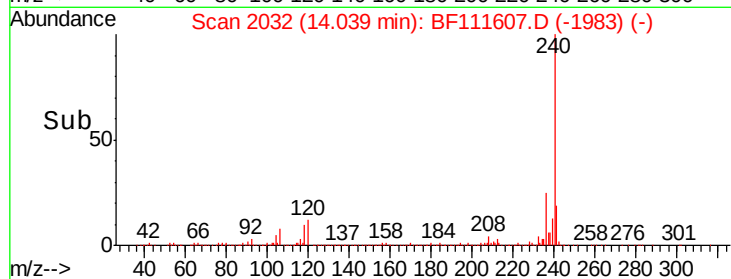
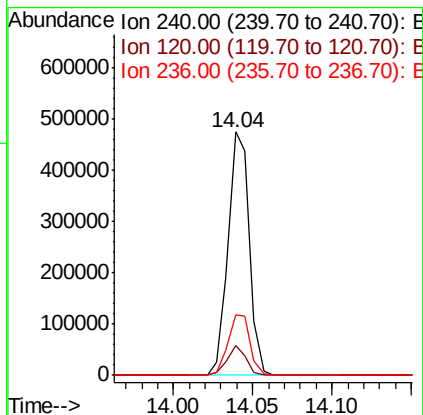
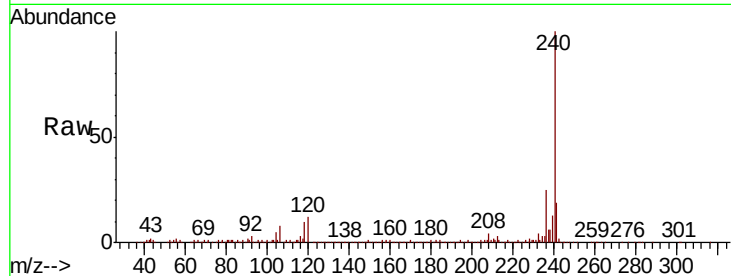




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

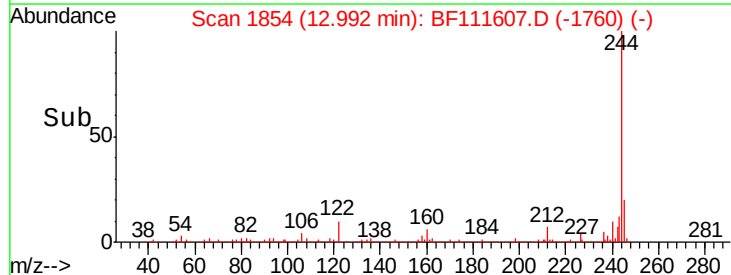
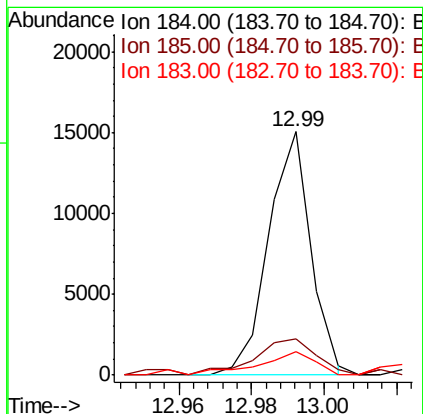
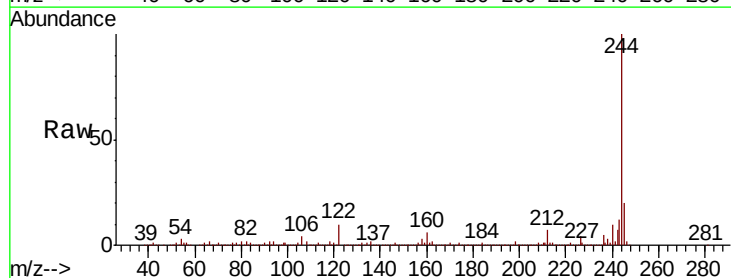
Instrument :
BNA_F
ClientSampleId :
SLUDGE

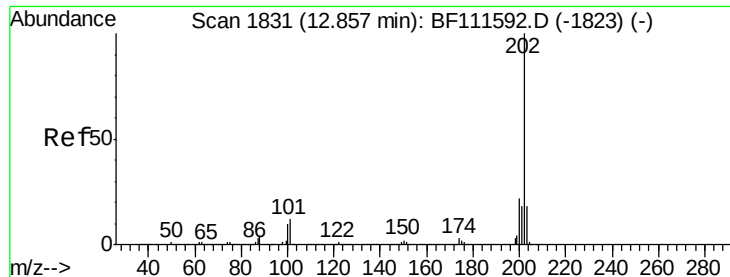
Tgt Ion:240 Resp: 440890
Ion Ratio Lower Upper
240 100
120 12.2 12.2 18.2
236 24.9 20.2 30.2



#77
Benzidine
Concen: 0.737 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.25 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:184 Resp: 12226
Ion Ratio Lower Upper
184 100
185 14.9 13.0 19.6
183 9.6 9.3 13.9

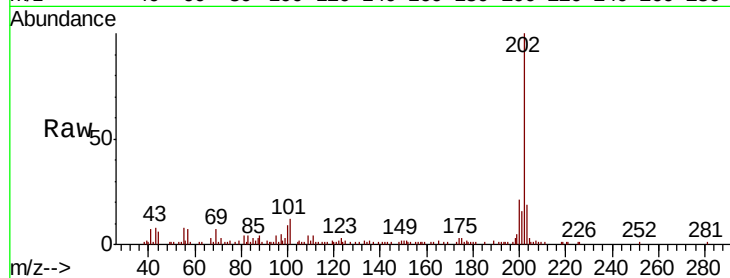




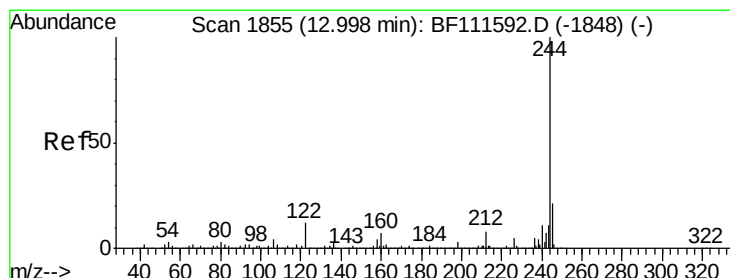
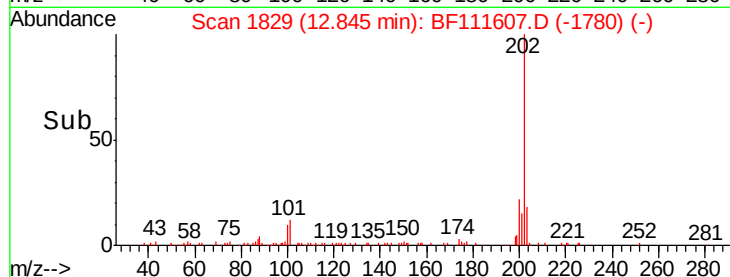
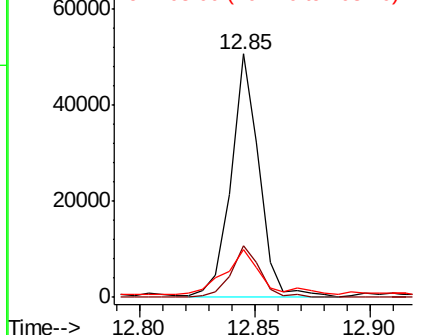
#78
 Pyrene
 Concen: 1.382 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	19.0	28.4
203	19.5	15.2	22.8

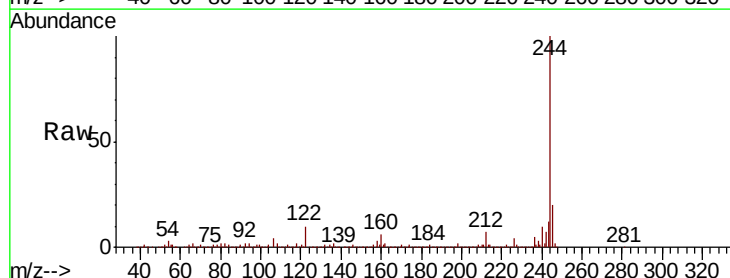


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

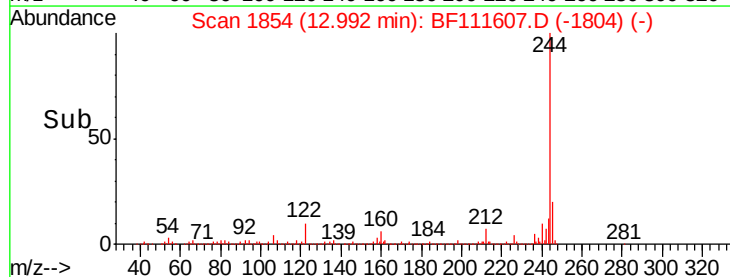
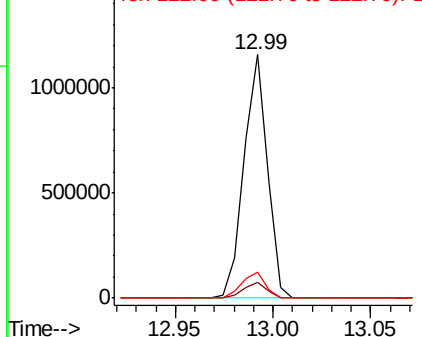


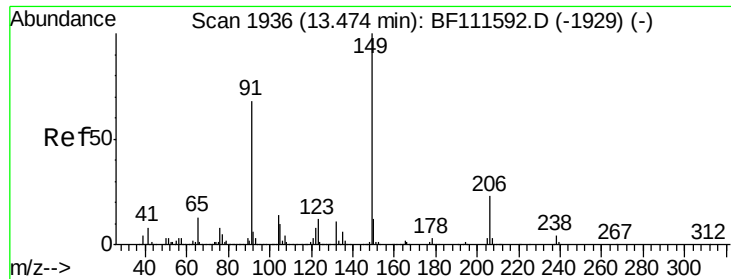
#79
 Terphenyl-d14
 Concen: 41.390 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	10.5	13.1	19.7



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

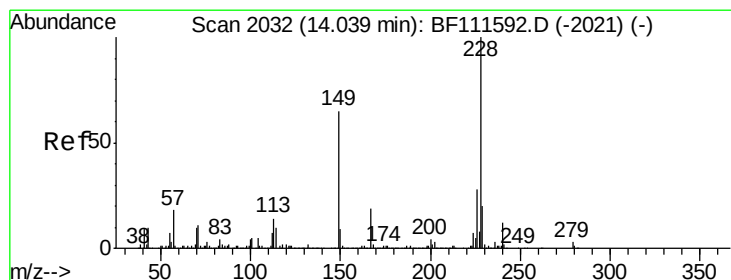
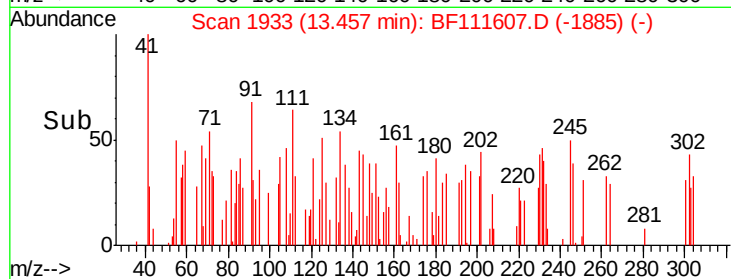
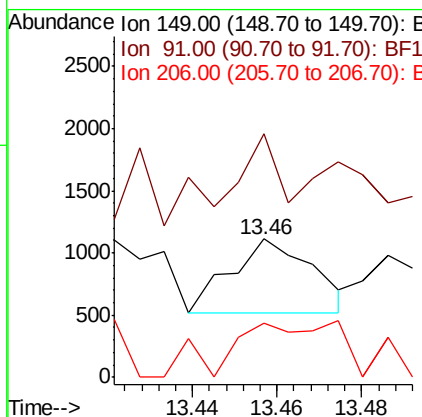
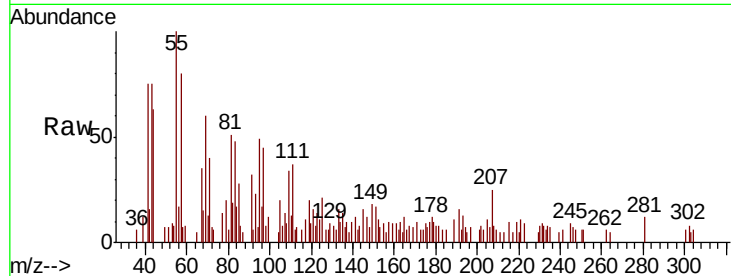




#80
 Butylbenzylphthalate
 Concen: 0.063 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.02 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

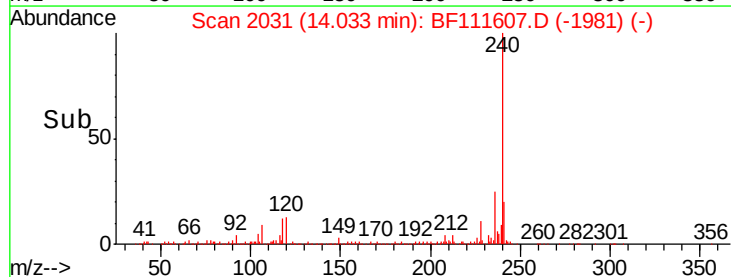
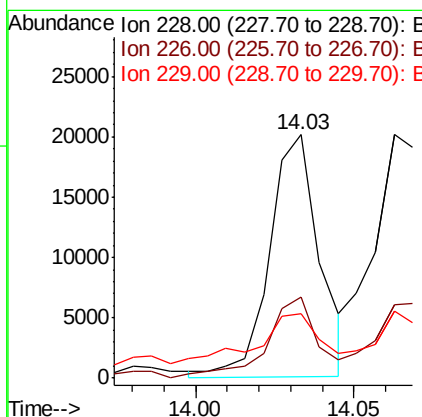
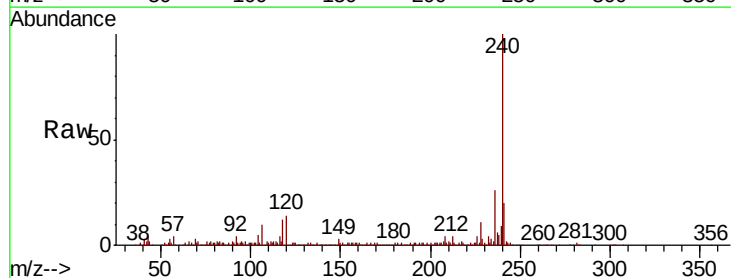
Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE

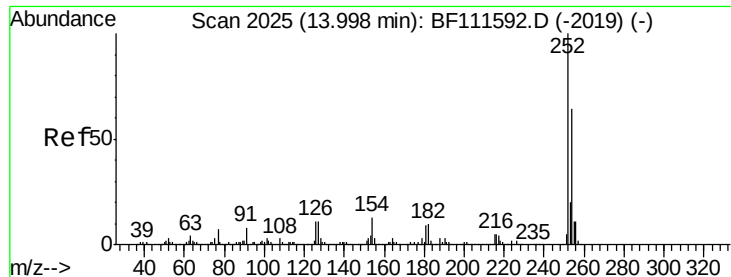
Tgt Ion:	149	Resp:	799
Ion Ratio	Lower	Upper	
149	100		
91	175.9	63.8	95.6#
206	38.9	15.1	22.7#



#81
 Benzo(a)anthracene
 Concen: 0.879 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

Tgt Ion:	228	Resp:	22111
Ion Ratio	Lower	Upper	
228	100		
226	33.3	22.6	34.0
229	26.5	16.3	24.5#

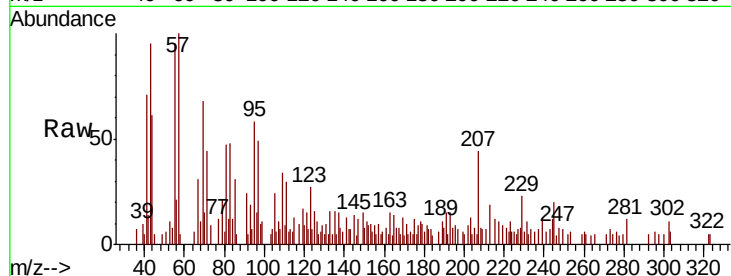




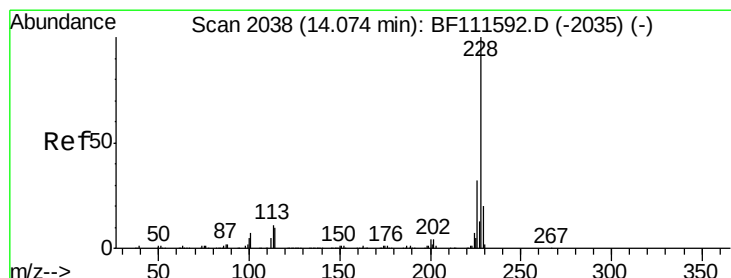
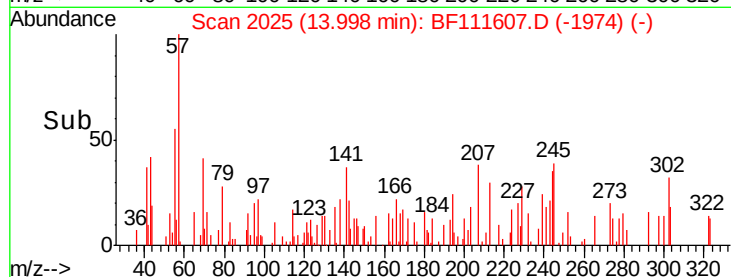
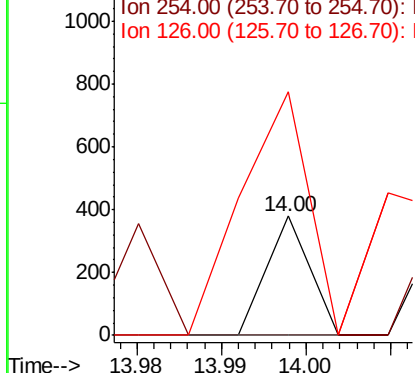
#82
 3,3'-Dichlorobenzidine
 Concen: 0.013 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE

Tgt Ion:252 Resp: 134
 Ion Ratio Lower Upper
 252 100
 254 0.0 52.7 79.1#
 126 204.5 11.1 16.7#

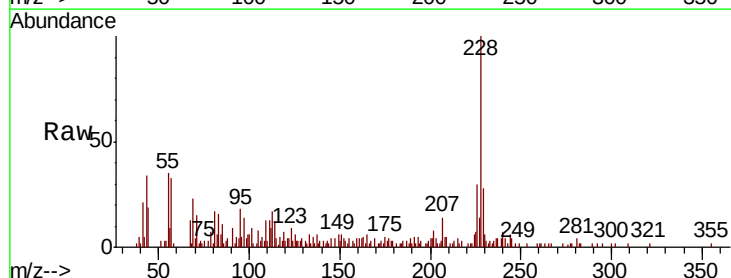


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

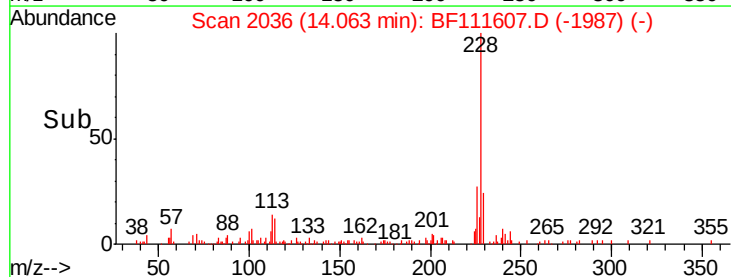
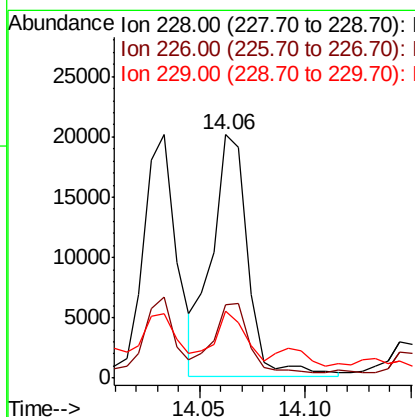


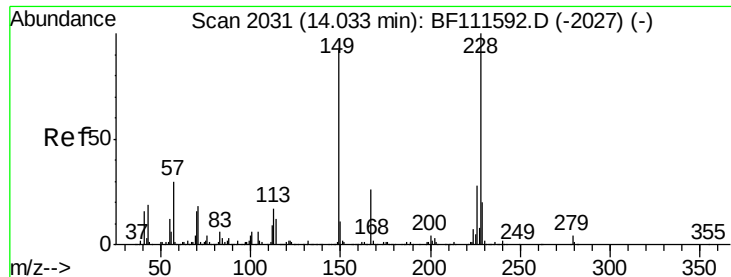
#83
 Chrysene
 Concen: 0.966 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

Tgt Ion:228 Resp: 23883
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.3 37.9
 229 27.7 17.2 25.8#



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

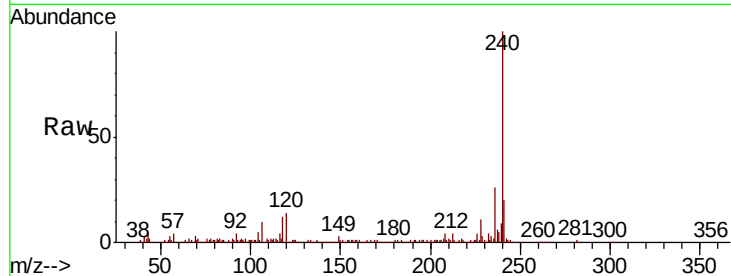




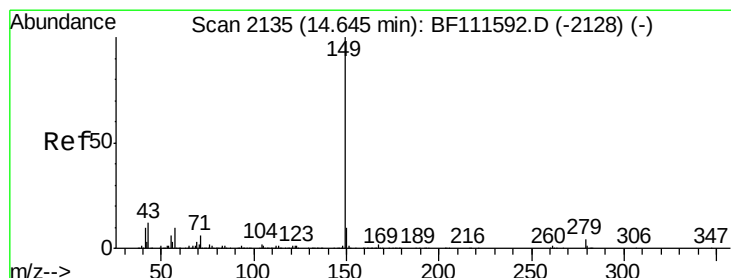
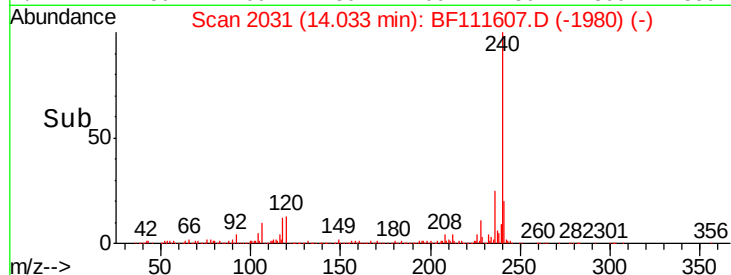
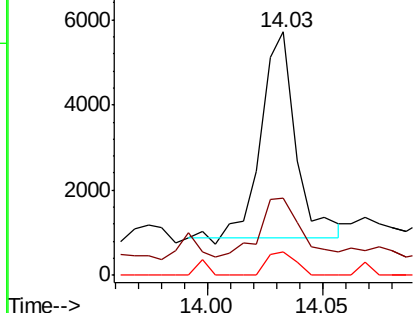
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.317 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE

Tgt Ion:149 Resp: 5067
 Ion Ratio Lower Upper
 149 100
 167 31.8 22.5 33.7
 279 9.7 2.6 4.0#

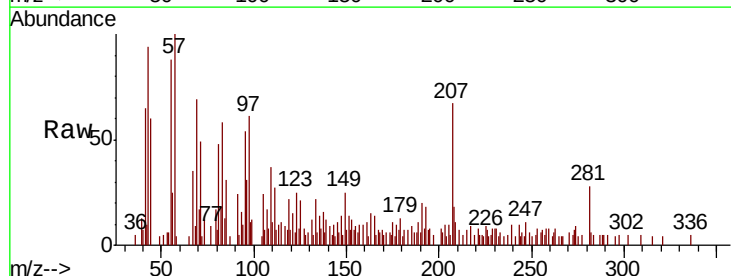


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

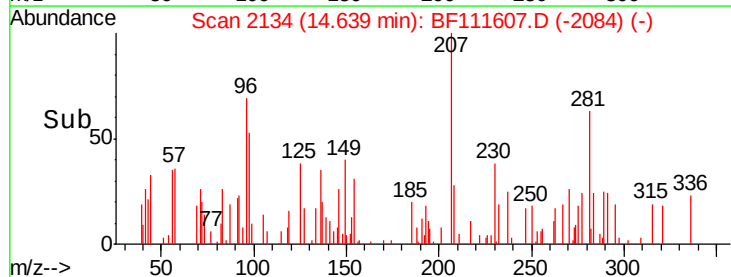
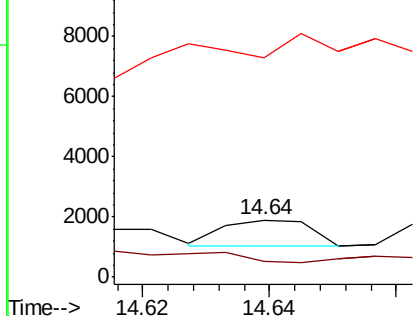


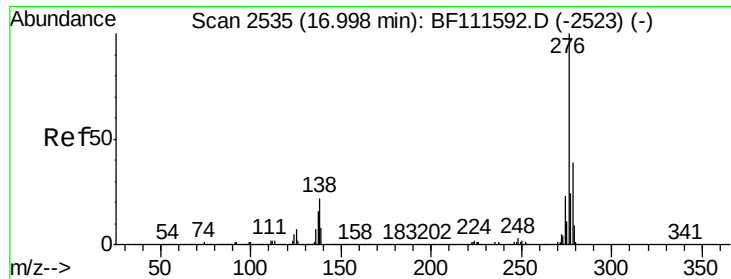
#85
 Di-n-octyl phthalate
 Concen: 0.033 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

Tgt Ion:149 Resp: 812
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 0.0 10.9 16.3#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

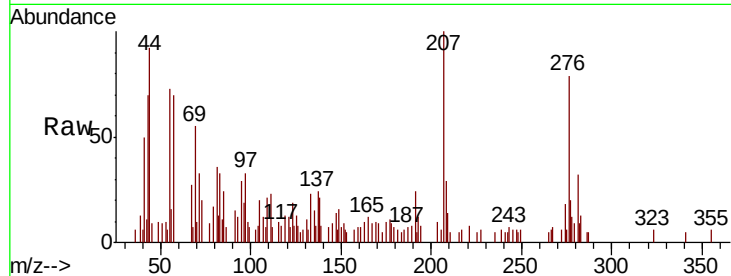




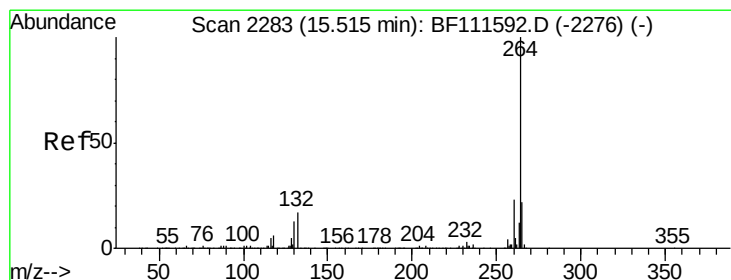
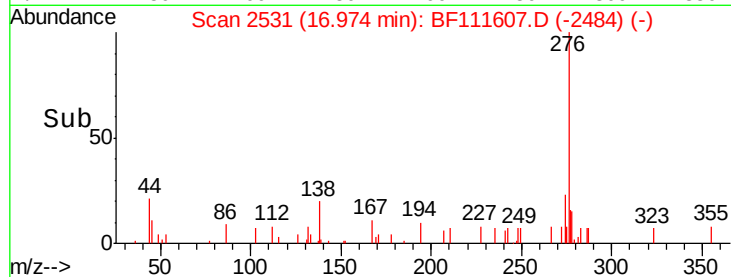
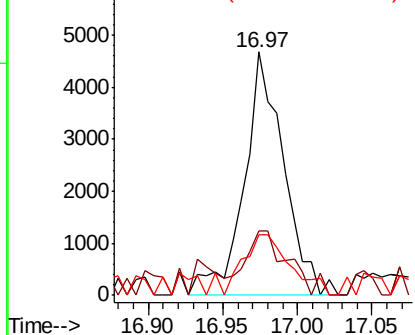
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.409 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. -0.02 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE

Tgt Ion: 276 Resp: 8600
 Ion Ratio Lower Upper
 276 100
 138 29.1 27.8 41.6
 277 31.4 20.1 30.1#

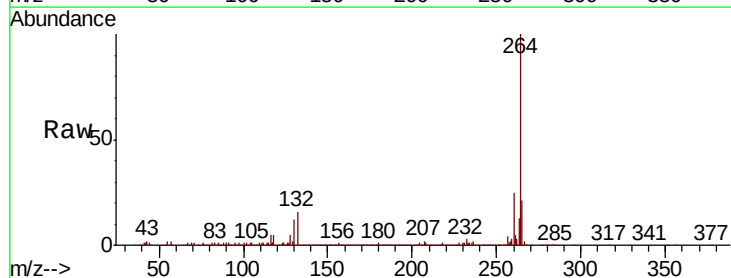


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

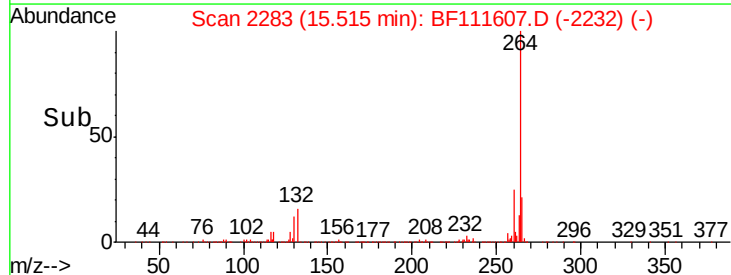
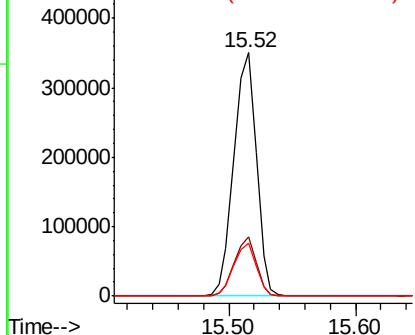


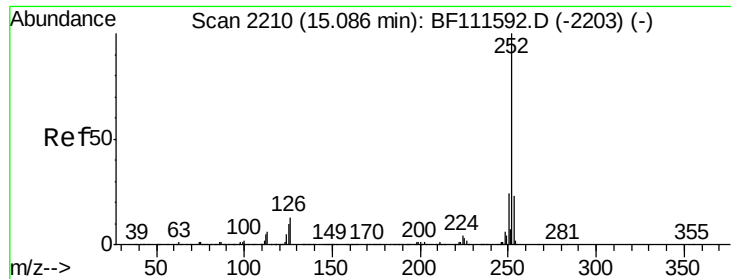
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

Tgt Ion: 264 Resp: 433482
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.3 27.5
 265 21.5 17.7 26.5



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

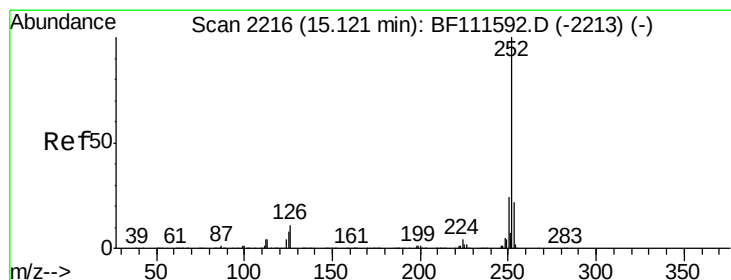
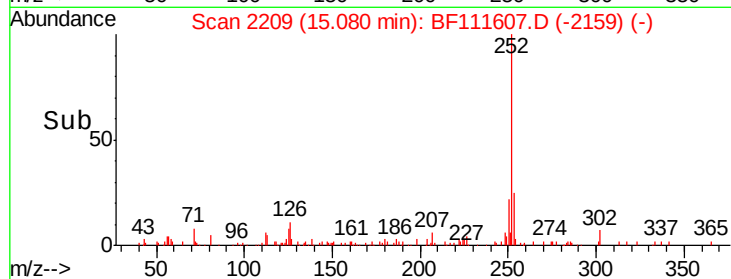
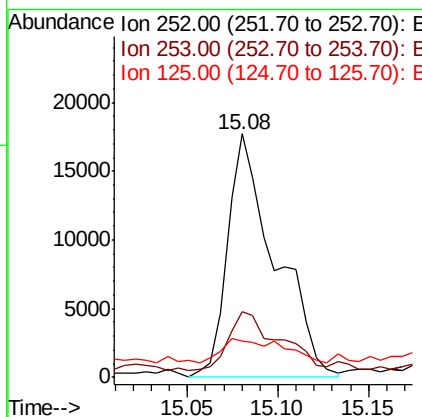
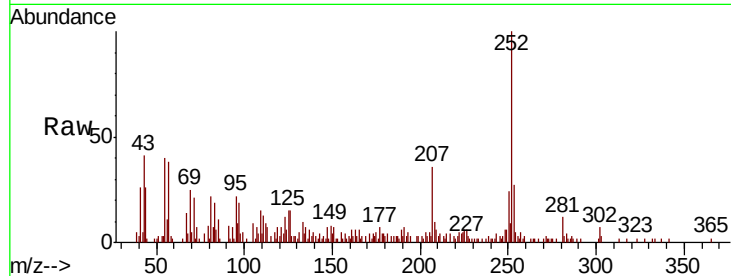




#88
Benzo(b)fluoranthene
Concen: 1.282 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

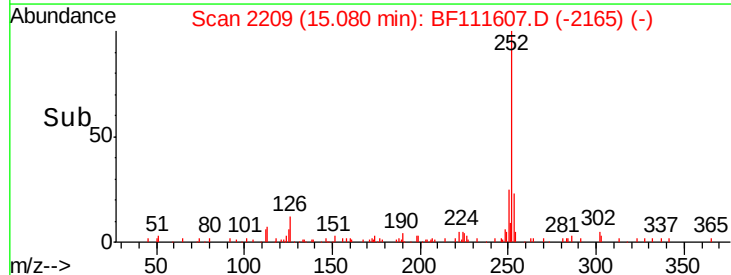
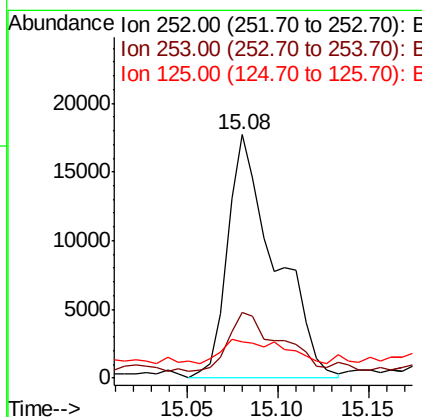
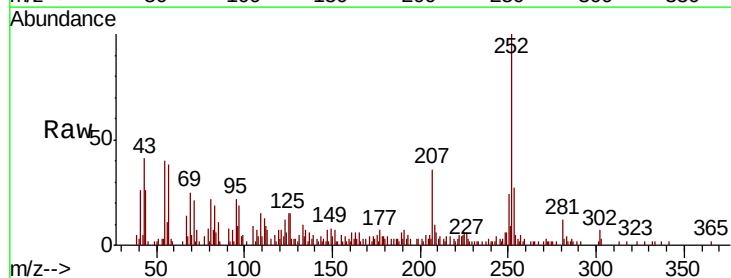
Instrument :
BNA_F
ClientSampleId :
SLUDGE

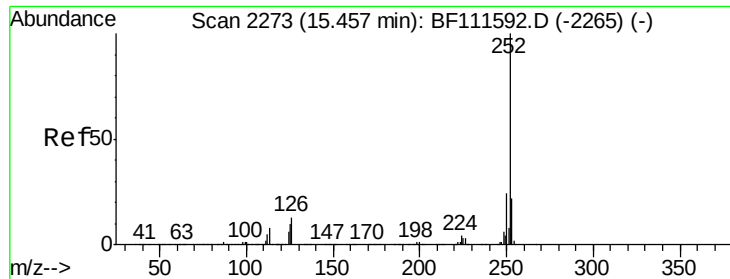
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.2	27.2
125	15.0	10.4	15.6



#89
Benzo(k)fluoranthene
Concen: 1.346 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.1	27.1#
125	15.0	9.8	14.8#

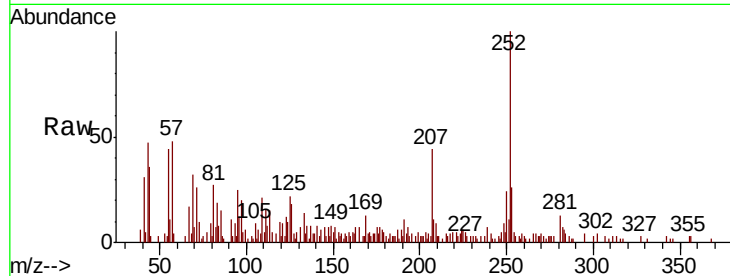




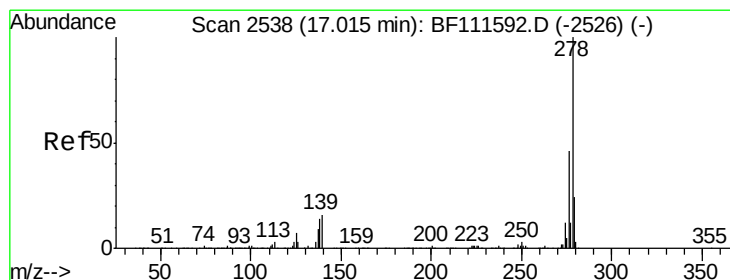
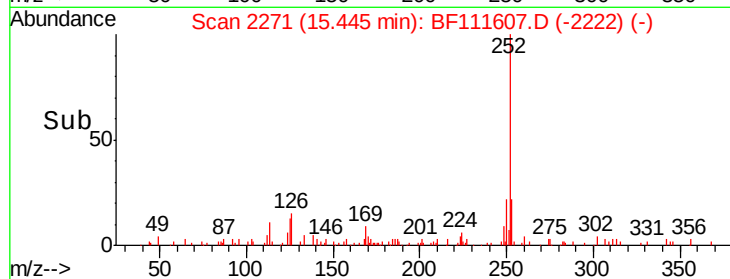
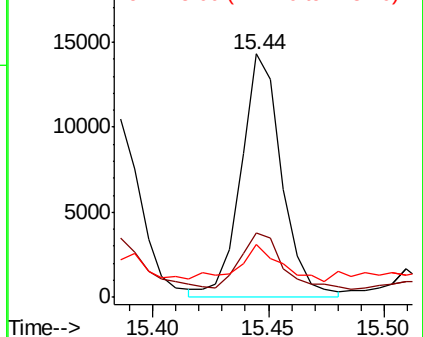
#90
Benzo(a)pyrene
Concen: 0.768 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:252 Resp: 17674
Ion Ratio Lower Upper
252 100
253 26.3 17.8 26.8
125 21.5 12.3 18.5#

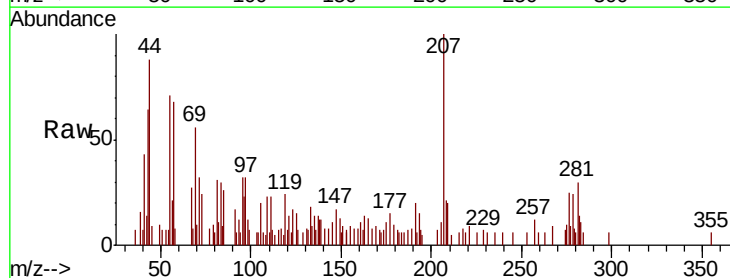


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

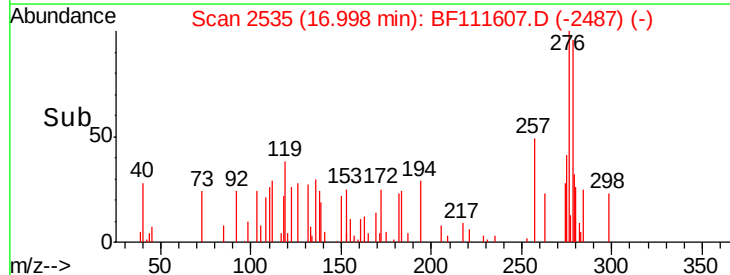
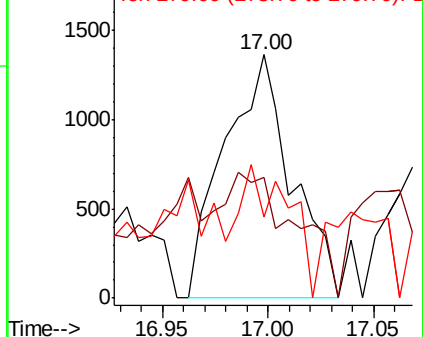


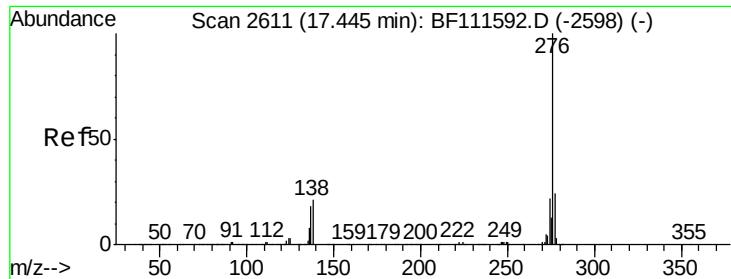
#91
Dibenzo(a,h)anthracene
Concen: 0.151 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:278 Resp: 3035
Ion Ratio Lower Upper
278 100
139 49.4 18.2 27.4#
279 33.0 19.0 28.6#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(g,h,i)perylene
 Concen: 0.407 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. -0.02 min
 Lab File: BF111607.D
 Acq: 19 Dec 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	21.8	24.9	37.3

