

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
 Data File : BF111387.D
 Acq On : 13 Dec 2018 23:16
 Operator : JU/SJ
 Sample : J6305-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-02

Quant Time: Dec 14 00:26:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	338713	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1345633	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	557166	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	753696	20.00	ng	0.00
76) Chrysene-d12	13.95	240	539377	20.00	ng	0.00
87) Perylene-d12	15.39	264	446637	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	752346	37.56	ng	0.02
7) Phenol-d6	6.47	99	526615	19.50	ng	0.04
23) Nitrobenzene-d5	7.36	82	1114187	46.67	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	290816	59.21	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1756582	50.62	ng	0.00
79) Terphenyl-d14	12.90	244	1010109	41.22	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.55	88	26570	2.656	ng	# 55
3) Pyridine	3.34	79	23050	0.938	ng	# 94
4) n-Nitrosodimethylamine	3.22	42	382	0.033	ng	# 1
6) Aniline	6.49	93	131527	4.026	ng	# 1
8) 2-Chlorophenol	6.59	128	3795	0.154	ng	# 32
9) Benzaldehyde	6.34	77	8791	Below Cal		# 81
10) Phenol	6.49	94	5098831	166.672	ng	# 96
11) bis(2-Chloroethyl)ether	6.49	93	131527	5.465	ng	# 1
12) 1,3-Dichlorobenzene	6.74	146	348	0.013	ng	# 1
13) 1,4-Dichlorobenzene	6.81	146	304	0.011	ng	# 1
14) 1,2-Dichlorobenzene	6.97	146	340	0.014	ng	# 1
15) Benzyl Alcohol	6.96	79	64638	3.126	ng	# 55
16) 2,2'-oxybis(1-Chloropropan	7.01	45	16359	0.351	ng	# 94
17) 2-Methylphenol	7.08	107	463871	23.318	ng	# 97
18) Hexachloroethane	7.35	117	2551	0.255	ng	# 1
19) n-Nitroso-di-n-propylamine	7.22	70	7970	0.444	ng	# 1
20) 3+4-Methylphenols	7.24	107	649506	27.378	ng	# 59
22) Acetophenone	7.20	105	164201	5.253	ng	# 85
24) Nitrobenzene	7.35	77	18902	0.769	ng	# 64
25) Isophorone	7.50	82	68096	1.679	ng	# 77
26) 2-Nitrophenol	7.69	139	729	0.060	ng	# 1
27) 2,4-Dimethylphenol	7.76	122	85118	4.639	ng	# 92
28) bis(2-Chloroethoxy)methane	7.85	93	7799	0.280	ng	# 1
29) 2,4-Dichlorophenol	7.96	162	72877	3.807	ng	# 97
30) 1,2,4-Trichlorobenzene	8.10	180	336	0.017	ng	# 4
31) Naphthalene	8.10	128	98344	1.569	ng	# 86
32) Benzoic acid	7.95	122	318013	20.849	ng	# 87
33) 4-Chloroaniline	8.12	127	7650	0.286	ng	# 64
35) Caprolactam	8.77	113	219250	32.690	ng	# 95
36) 4-Chloro-3-methylphenol	8.66	107	17413	0.854	ng	# 35
37) 2-Methylnaphthalene	8.80	142	8997	0.222	ng	# 50
38) 1-Methylnaphthalene	8.89	142	6630	0.169	ng	# 89
43) 2,4,6-Trichlorophenol	9.09	196	570	0.051	ng	# 82
44) 2,4,5-Trichlorophenol	9.09	196	570	0.048	ng	# 1

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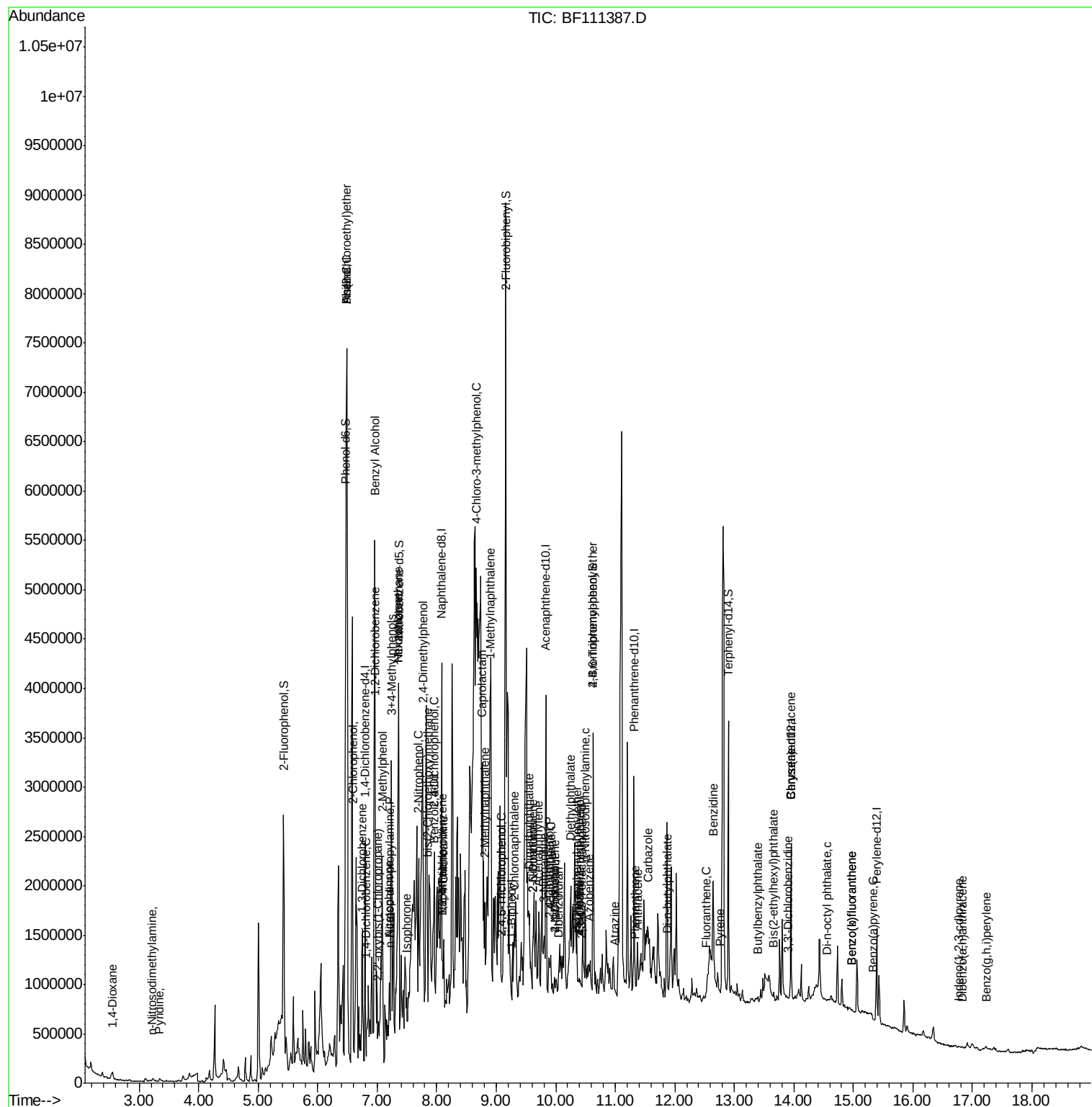
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.26	154	5218	0.110	ng	# 68
47) 2-Chloronaphthalene	9.29	162	2025	0.056	ng	# 1
48) 2-Nitroaniline	9.62	65	10426	0.881	ng	89
49) Acenaphthylene	9.70	152	12486	0.235	ng	# 60
50) Dimethylphthalate	9.56	163	150566	3.758	ng	# 84
51) 2,6-Dinitrotoluene	9.62	165	6332	0.713	ng	# 1
52) Acenaphthene	9.91	154	1620	0.048	ng	# 89
53) 3-Nitroaniline	9.79	138	5735	0.537	ng	# 80
54) 2,4-Dinitrophenol	9.90	184	965	0.277	ng	# 1
55) Dibenzofuran	10.03	168	2166	0.045	ng	# 1
56) 4-Nitrophenol	9.97	139	5646	0.734	ng	# 1
57) 2,4-Dinitrotoluene	9.99	165	6721	0.590	ng	# 46
58) Fluorene	10.38	166	5754	0.166	ng	# 48
59) 2,3,4,6-Tetrachlorophenol	10.43	232	1859	0.203	ng	# 1
60) Diethylphthalate	10.26	149	13741	0.341	ng	# 86
61) 4-Chlorophenyl-phenylether	10.37	204	154	0.009	ng	# 1
62) 4-Nitroaniline	10.41	138	1579	0.154	ng	# 47
63) Azobenzene	10.55	77	45059	1.108	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.42	198	1213	0.280	ng	# 1
66) n-Nitrosodiphenylamine	10.49	169	1128	0.042	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	19780	2.357	ng	# 1
69) Atrazine	11.00	200	236	0.030	ng	# 1
71) Phenanthrene	11.34	178	5963	0.153	ng	# 38
72) Anthracene	11.39	178	3860	0.097	ng	# 1
73) Carbazole	11.55	167	5064	0.123	ng	# 13
74) Di-n-butylphthalate	11.89	149	9861	0.211	ng	# 61
75) Fluoranthene	12.52	202	2643	0.069	ng	# 1
77) Benzidine	12.64	184	787	0.077	ng	# 1
78) Pyrene	12.76	202	2706	0.065	ng	# 8
80) Butylbenzylphthalate	13.38	149	8023	0.401	ng	# 37
81) Benzo(a)anthracene	13.95	228	3658	0.121	ng	# 22
82) 3,3'-Dichlorobenzidine	13.90	252	875	0.077	ng	# 1
83) Chrysene	13.95	228	3658	0.119	ng	# 30
84) Bis(2-ethylhexyl)phthalate	13.66	149	11192	0.458	ng	92
85) Di-n-octyl phthalate	14.55	149	1830	0.046	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.77	276	109	0.005	ng	# 1
88) Benzo(b)fluoranthene	14.99	252	171	0.007	ng	# 1
89) Benzo(k)fluoranthene	14.99	252	171	0.007	ng	# 1
90) Benzo(a)pyrene	15.33	252	501	0.021	ng	# 1
91) Dibenzo(a,h)anthracene	16.82	278	112	0.006	ng	# 1
92) Benzo(g,h,i)perylene	17.23	276	253	0.013	ng	# 1

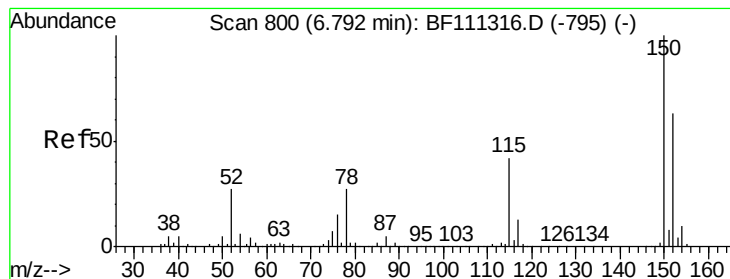
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

Instrument :

BNA_F

ClientSampleId :

P001-SW004-02

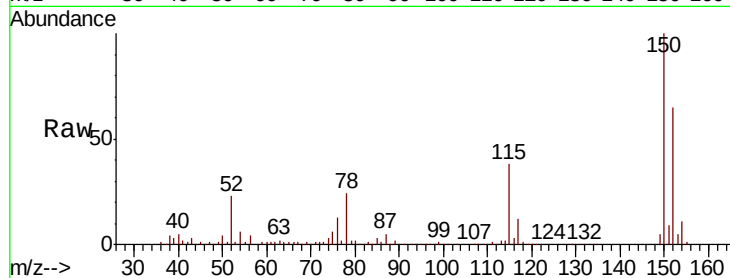
Tgt Ion:152 Resp: 338713

Ion Ratio Lower Upper

152 100

150 154.5 126.6 189.8

115 59.4 50.7 76.1

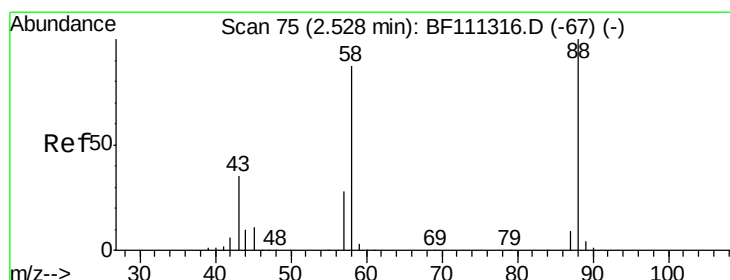
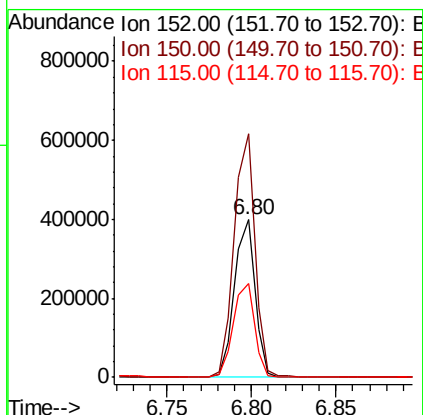
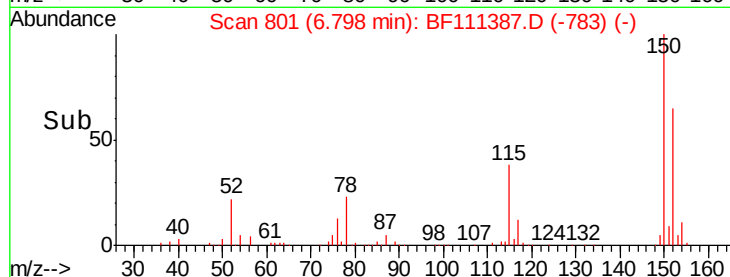


Abundance

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



#2

1,4-Dioxane

Concen: 2.656 ng

RT: 2.55 min Scan# 79

Delta R.T. 0.02 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

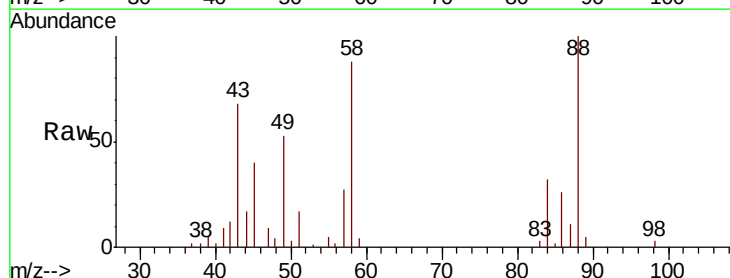
Tgt Ion: 88 Resp: 26570

Ion Ratio Lower Upper

88 100

58 92.4 68.9 103.3

43 114.8 25.8 38.6#

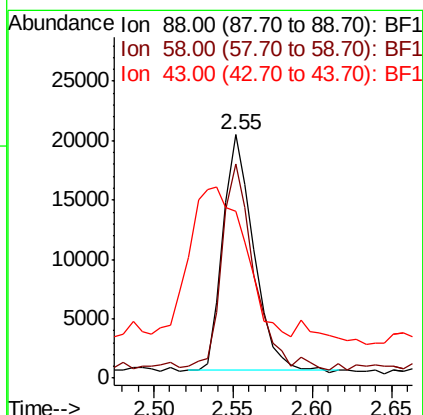
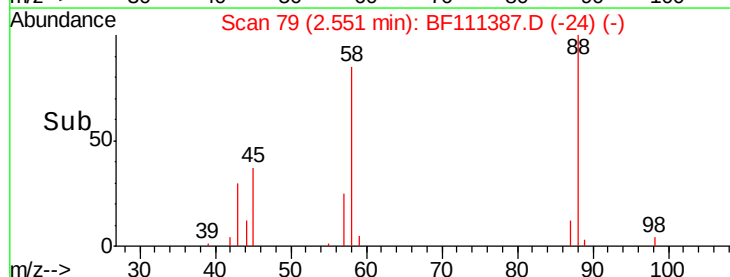


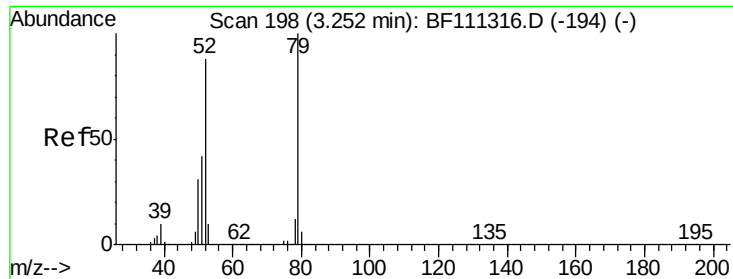
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 0.938 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.09 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

Instrument :

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P001-SW004-02

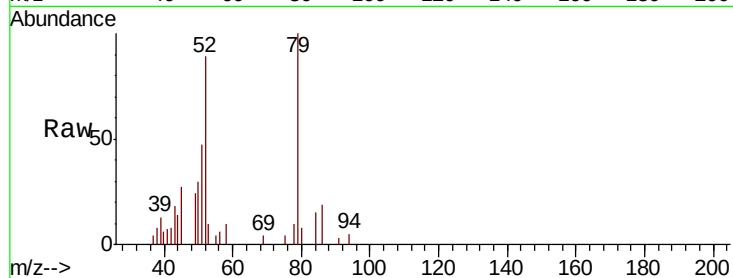
Tgt Ion: 79 Resp: 23050

Ion Ratio Lower Upper

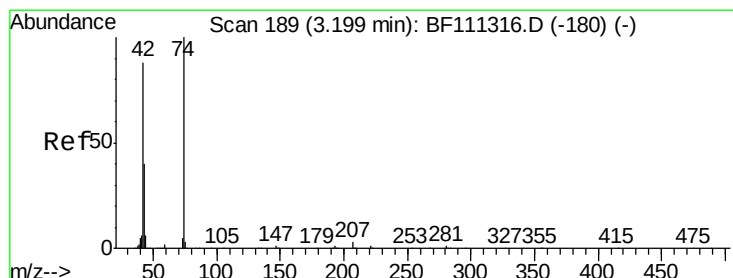
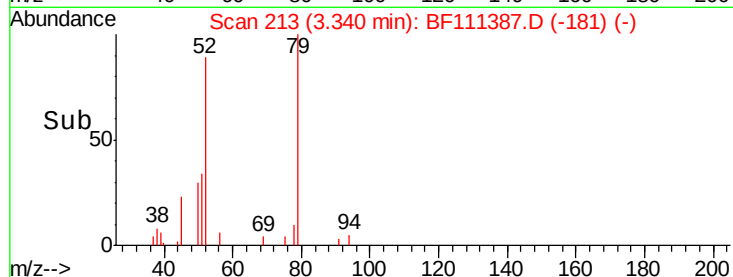
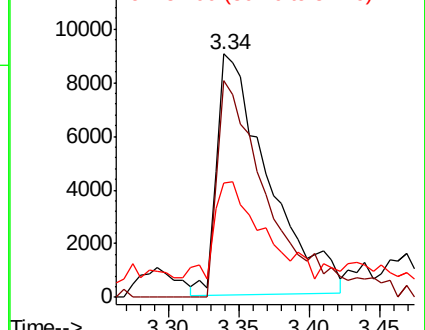
79 100

52 89.1 68.3 102.5

51 47.0 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 0.033 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.02 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

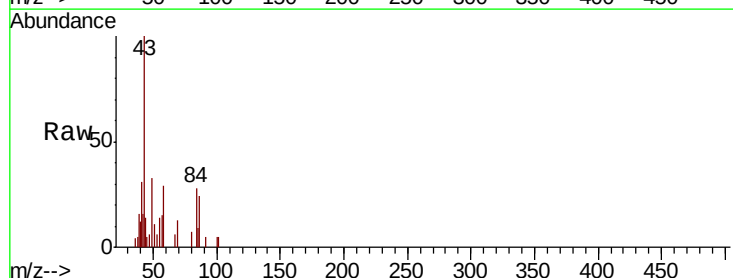
Tgt Ion: 42 Resp: 382

Ion Ratio Lower Upper

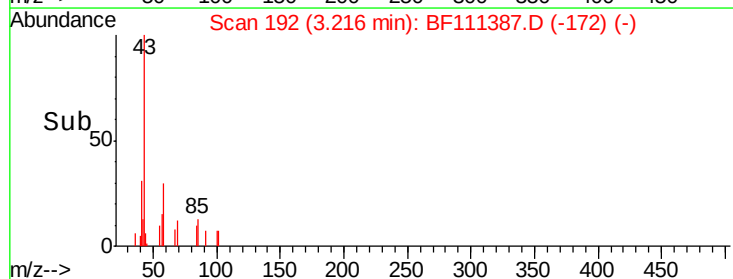
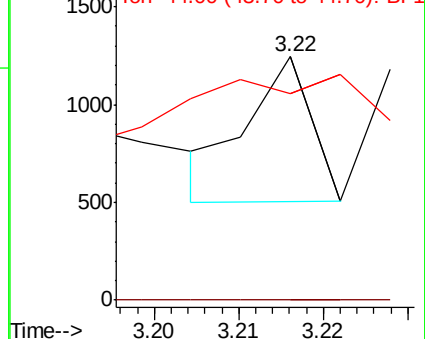
42 100

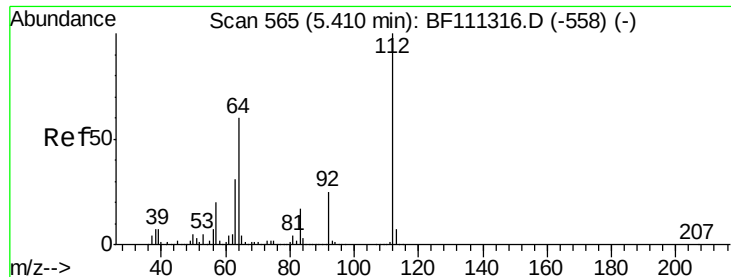
74 0.0 101.5 152.3#

44 84.7 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: 37.561 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

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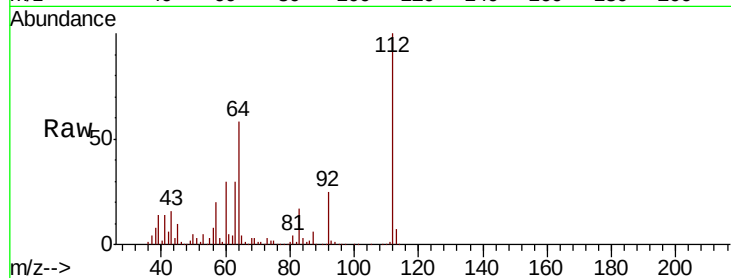
Tgt Ion: 112 Resp: 752346

Ion Ratio Lower Upper

112 100

64 58.1 51.8 77.6

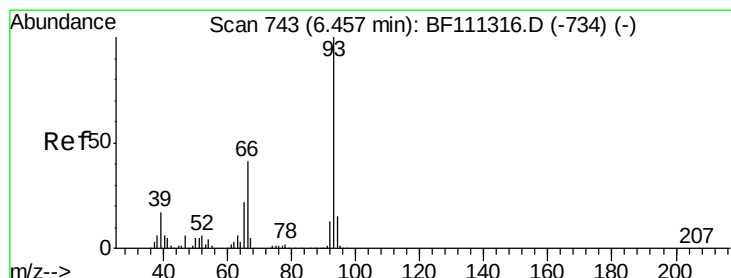
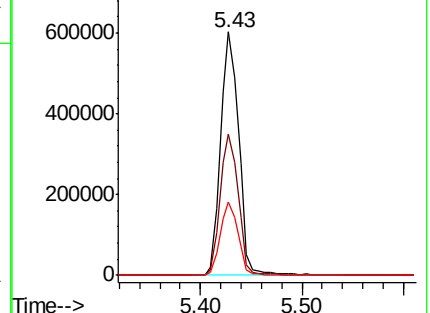
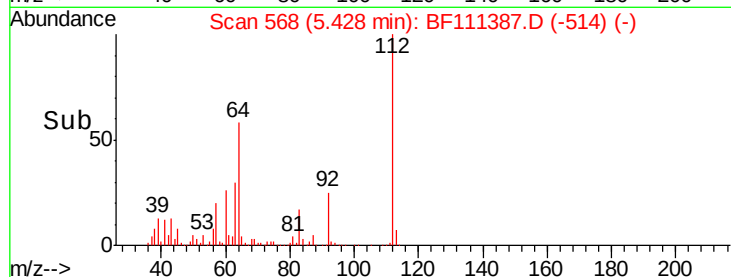
63 29.9 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF111387.D (-514) (-)

Ion 64.00 (63.70 to 64.70): BF111387.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BF111387.D (-514) (-)



#6

Aniline

Concen: 4.026 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.04 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

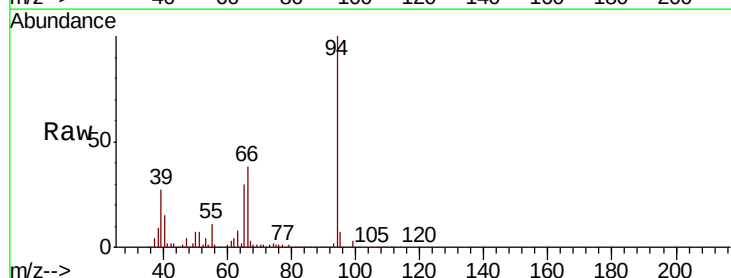
Tgt Ion: 93 Resp: 131527

Ion Ratio Lower Upper

93 100

66 1636.5 33.2 49.8#

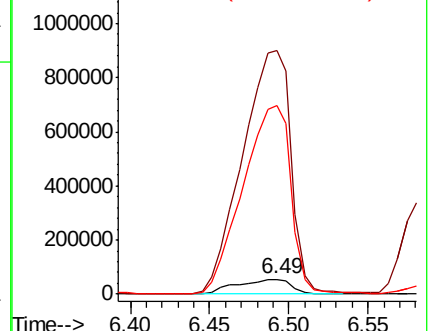
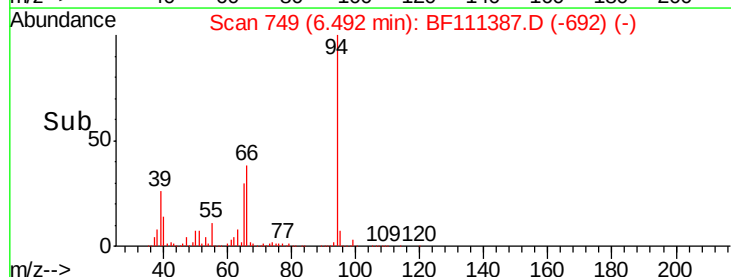
65 1265.6 17.0 25.4#

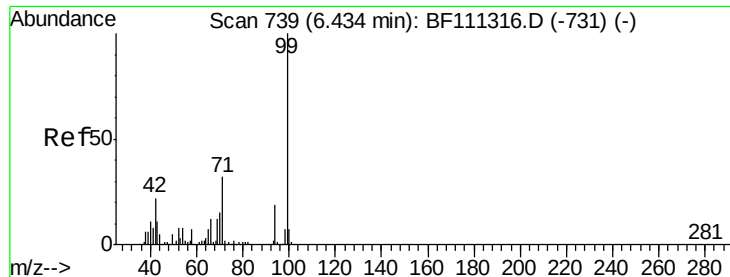


Abundance Ion 93.00 (92.70 to 93.70): BF111387.D (-692) (-)

Ion 66.00 (65.70 to 66.70): BF111387.D (-692) (-)

Ion 65.00 (64.70 to 65.70): BF111387.D (-692) (-)





#7

Phenol-d6

Concen: 19.500 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.04 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

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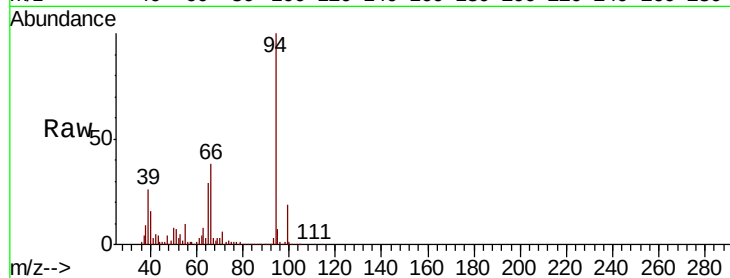
Tgt Ion: 99 Resp: 526615

Ion Ratio Lower Upper

99 100

42 28.0 17.4 26.0#

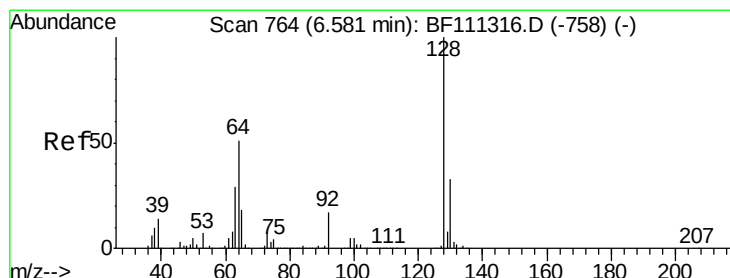
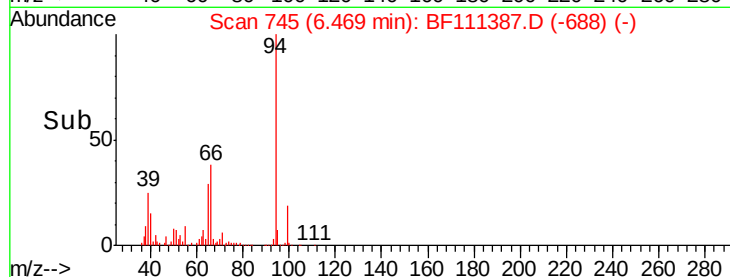
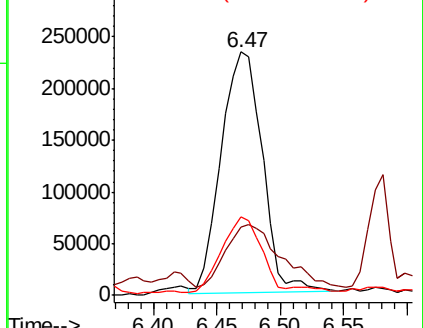
71 32.4 26.1 39.1



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: 0.154 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

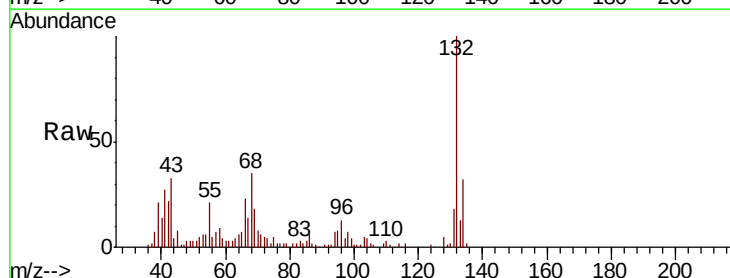
Tgt Ion: 128 Resp: 3795

Ion Ratio Lower Upper

128 100

130 40.0 12.7 52.7

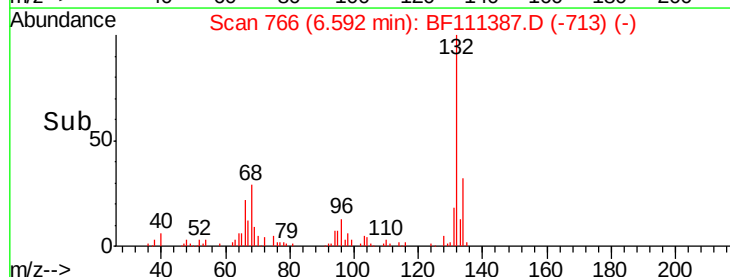
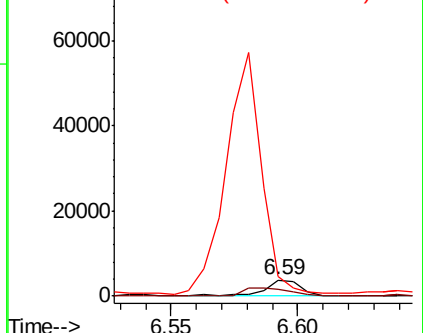
64 122.1 30.0 70.0#

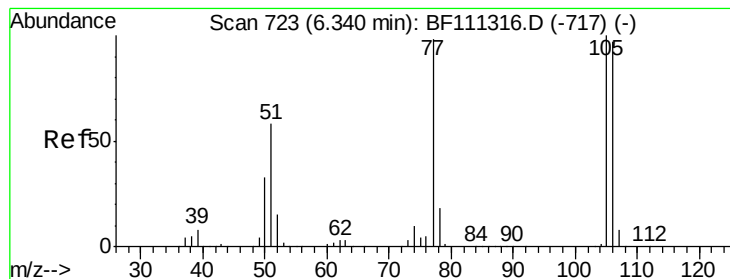


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: Below Cal

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

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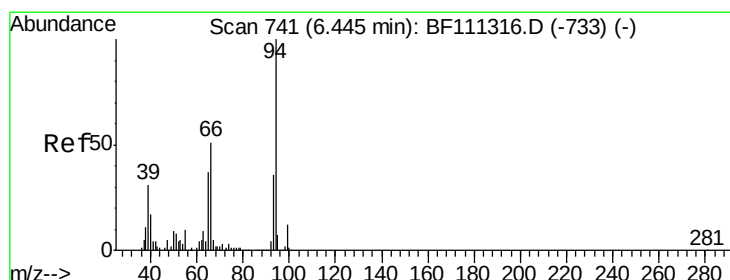
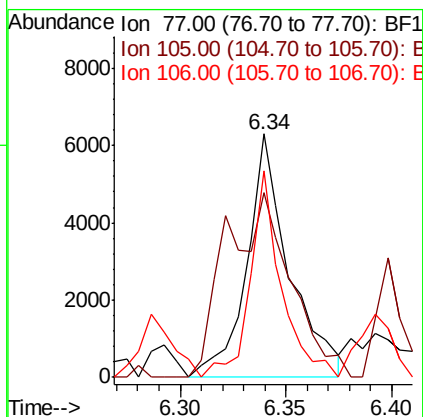
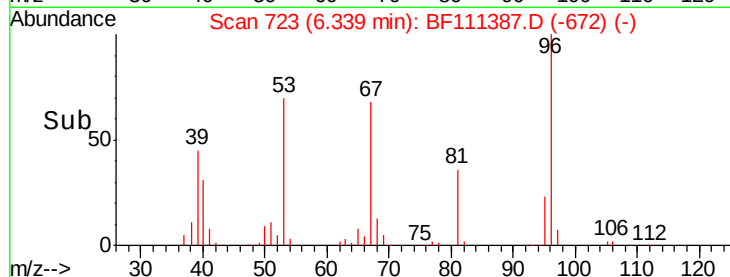
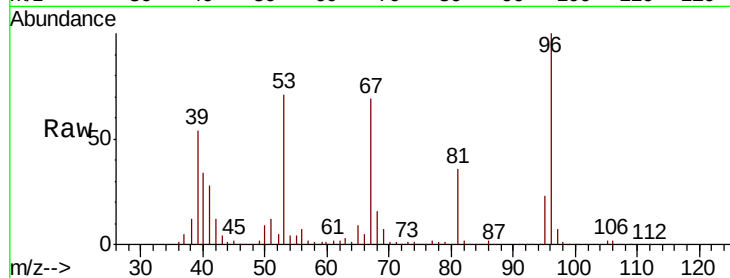
Tgt Ion: 77 Resp: 8791

Ion Ratio Lower Upper

77 100

105 75.9 81.4 121.4#

106 84.8 77.9 117.9



#10

Phenol

Concen: 166.672 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.05 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

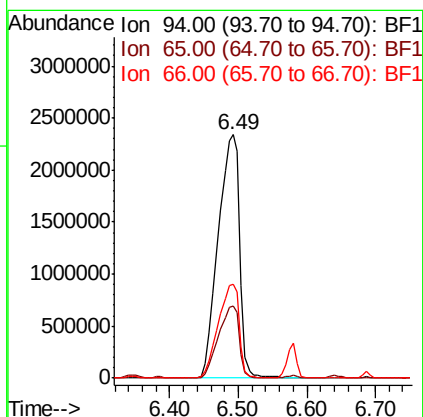
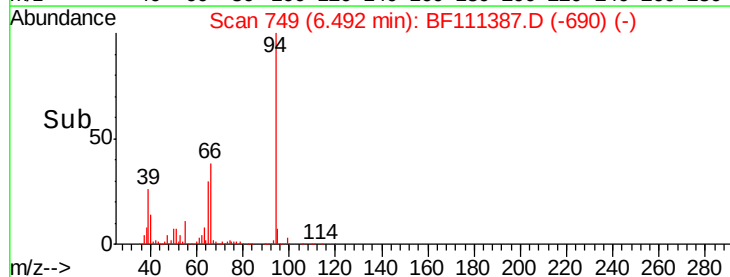
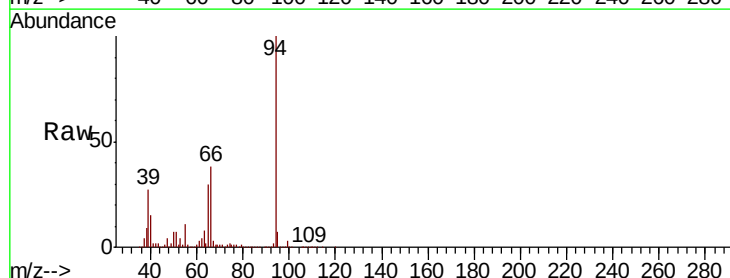
Tgt Ion: 94 Resp: 5098831

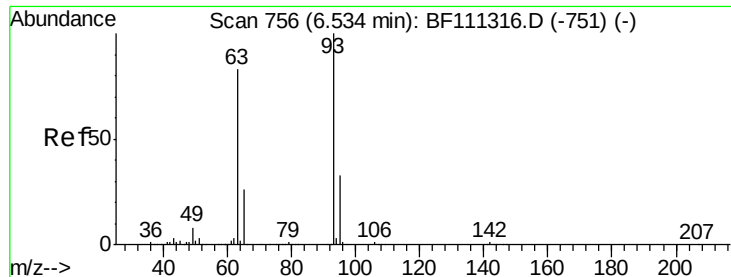
Ion Ratio Lower Upper

94 100

65 29.7 11.7 51.7

66 38.4 21.0 61.0





#11

bis(2-Chloroethyl)ether

Concen: 5.465 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.04 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

Instrument :

BNA_F

ClientSampleId :

P001-SW004-02

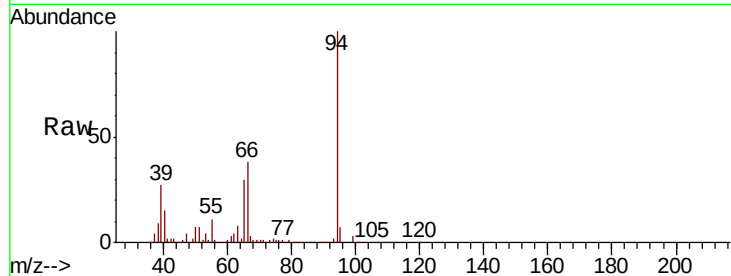
Tgt Ion: 93 Resp: 131527

Ion Ratio Lower Upper

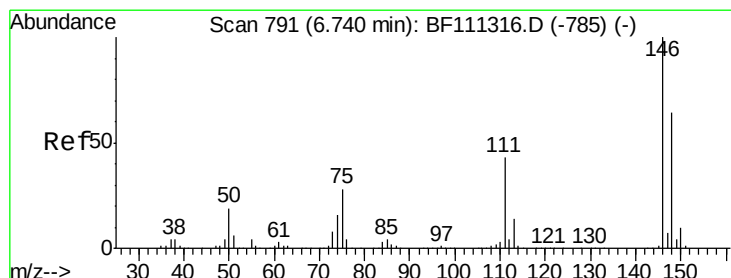
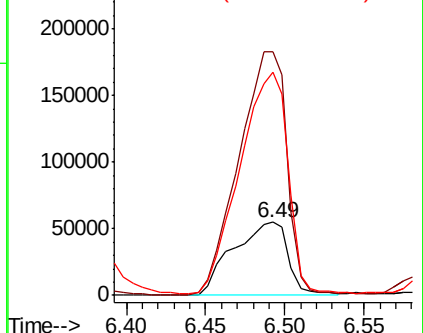
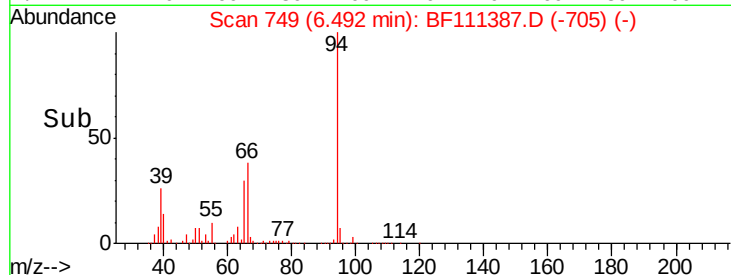
93 100

63 332.5 60.0 100.0#

95 304.0 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: 0.013 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

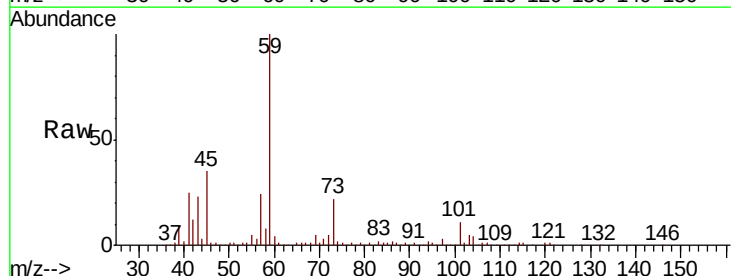
Tgt Ion: 146 Resp: 348

Ion Ratio Lower Upper

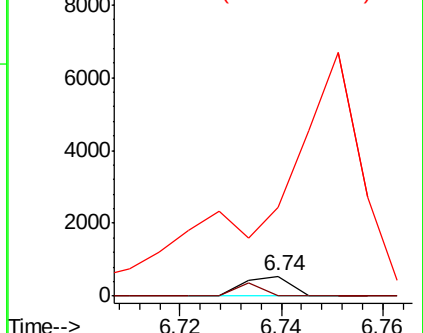
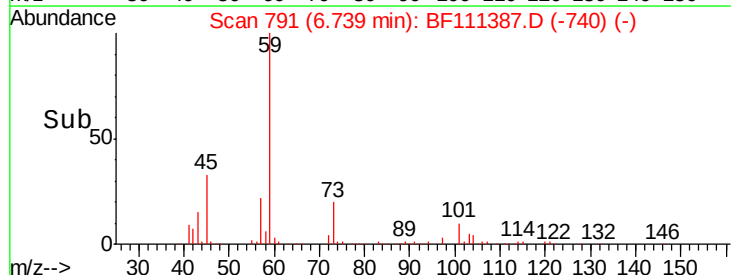
146 100

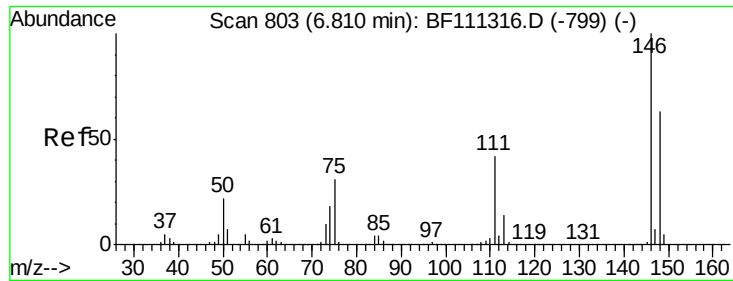
148 0.0 52.1 78.1#

75 441.4 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

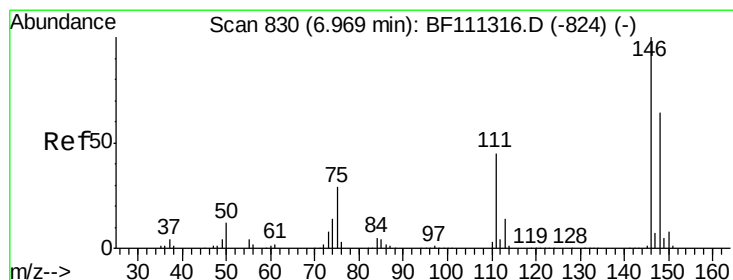
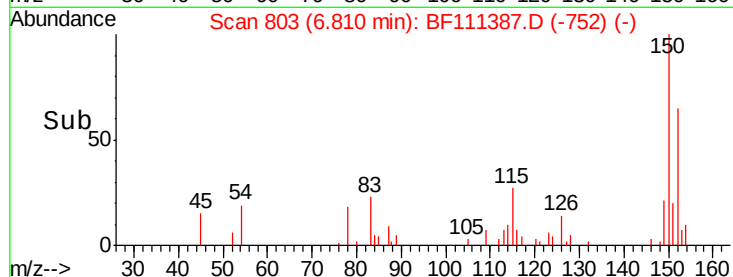
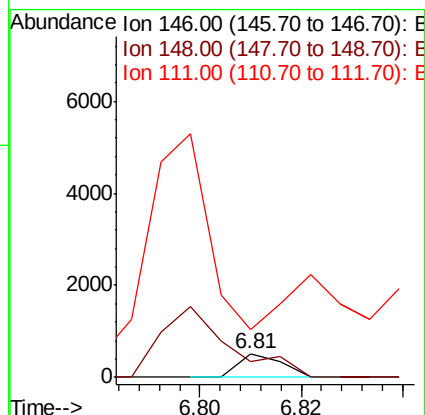
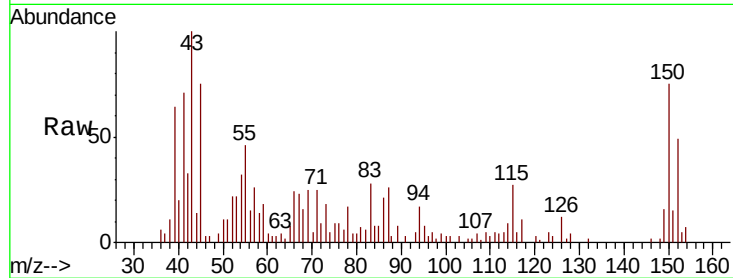




#13
 1,4-Dichlorobenzene
 Concen: 0.011 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF111387.D
 Acq: 13 Dec 2018 23:16

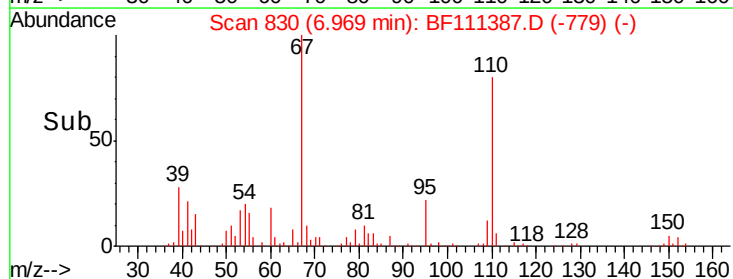
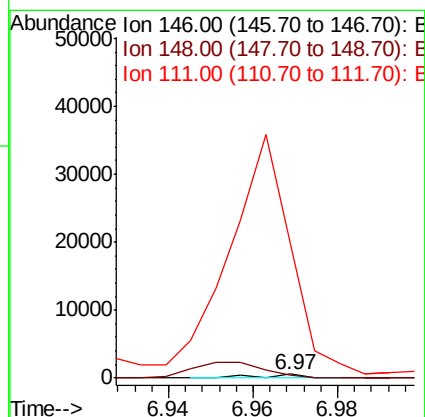
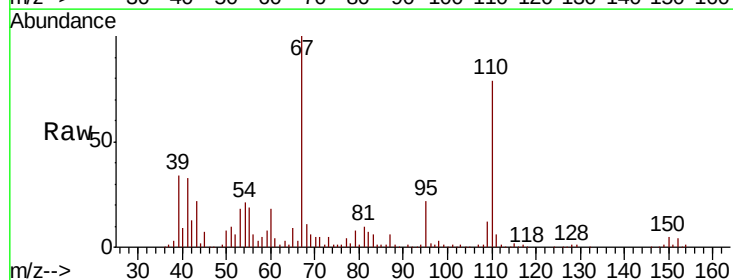
Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-02

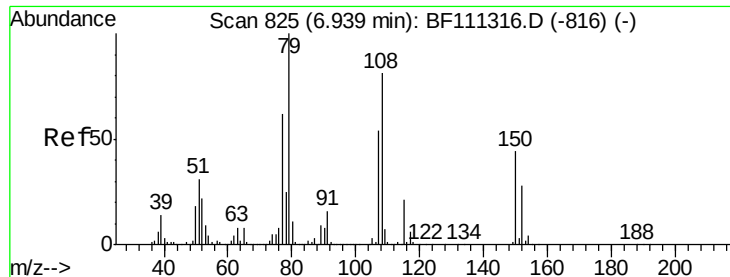
Tgt Ion:146 Resp: 304
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.8 79.2
 111 205.5 33.4 50.0#



#14
 1,2-Dichlorobenzene
 Concen: 0.014 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF111387.D
 Acq: 13 Dec 2018 23:16

Tgt Ion:146 Resp: 340
 Ion Ratio Lower Upper
 146 100
 148 76.5 51.9 77.9
 111 3308.0 36.2 54.4#

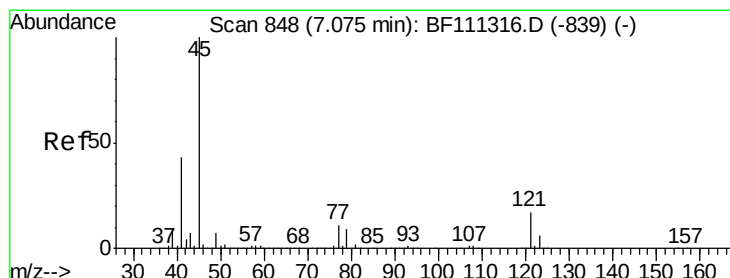
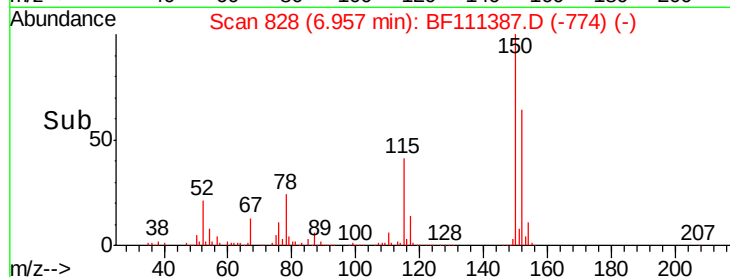
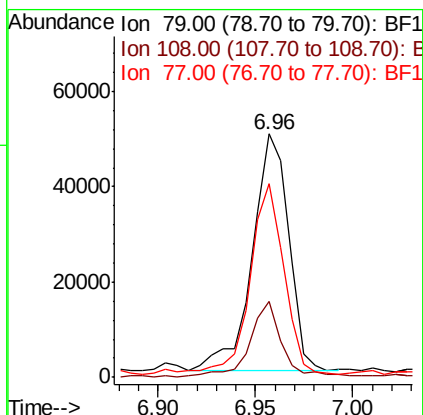
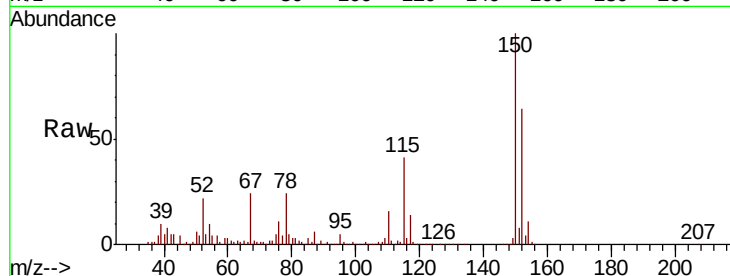




#15
Benzyl Alcohol
Concen: 3.126 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.02 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

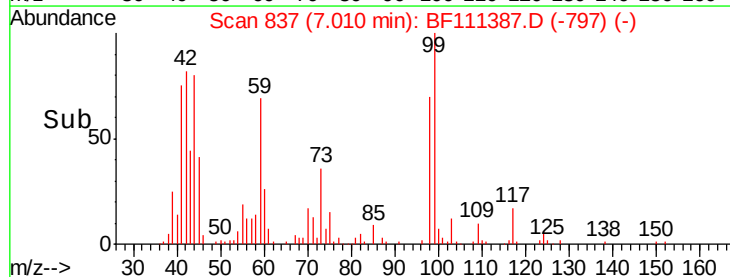
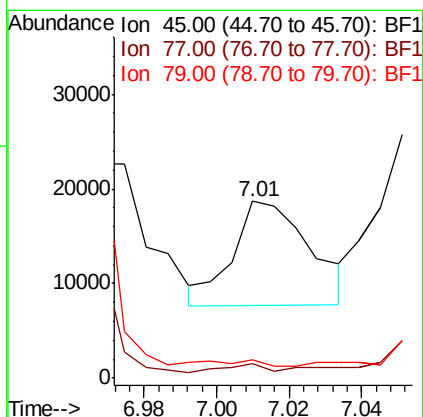
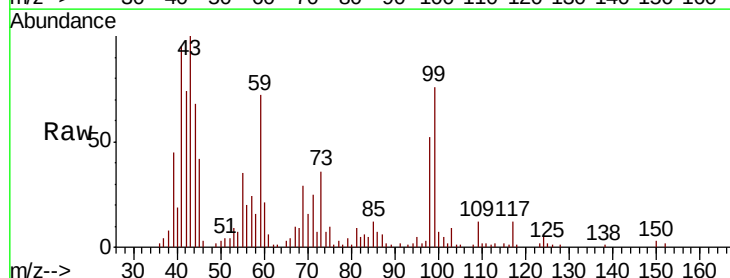
Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

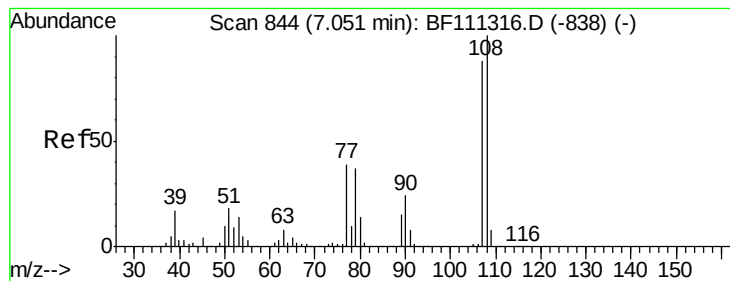
Tgt Ion: 79 Resp: 64638
Ion Ratio Lower Upper
79 100
108 31.0 69.4 104.2#
77 79.5 49.7 74.5#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.351 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.06 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion: 45 Resp: 16359
Ion Ratio Lower Upper
45 100
77 8.2 0.0 31.5
79 10.1 0.0 28.9





#17

2-Methylphenol

Concen: 23.318 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.03 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

Instrument :

BNA_F

ClientSampleId :

P001-SW004-02

Tgt Ion:107 Resp: 463871

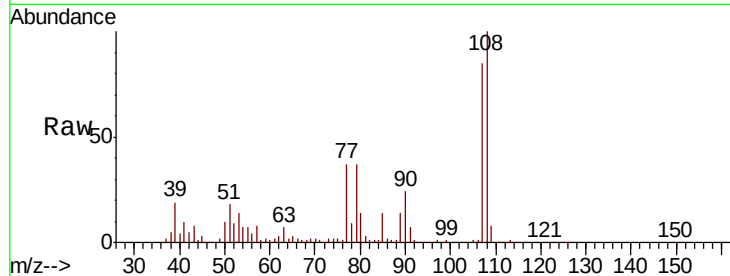
Ion Ratio Lower Upper

107 100

108 117.3 91.0 136.4

77 43.4 33.5 50.3

79 43.2 33.3 49.9

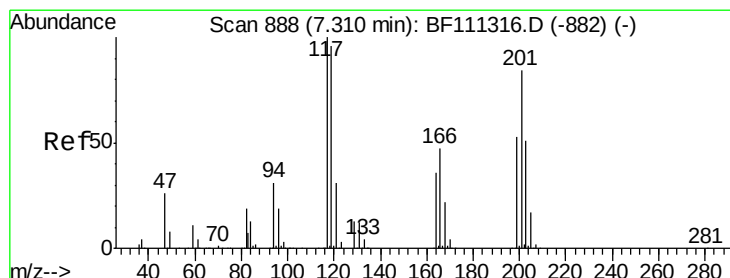
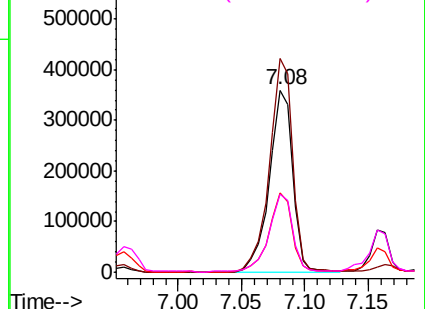
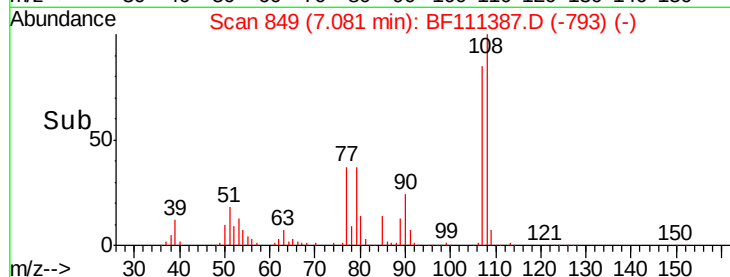


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 0.255 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.04 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

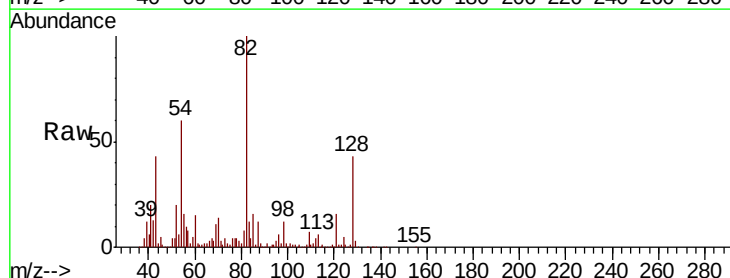
Tgt Ion:117 Resp: 2551

Ion Ratio Lower Upper

117 100

119 405.5 75.4 113.0#

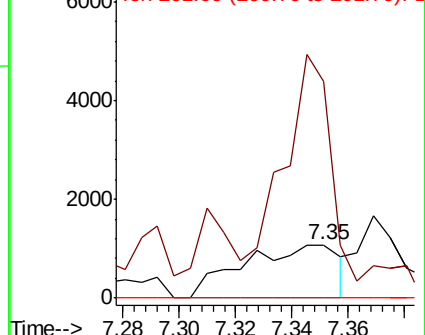
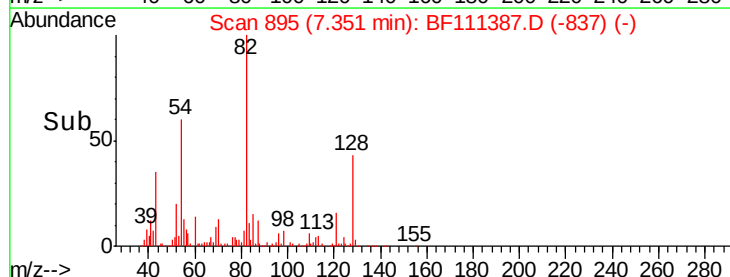
201 0.0 62.4 93.6#

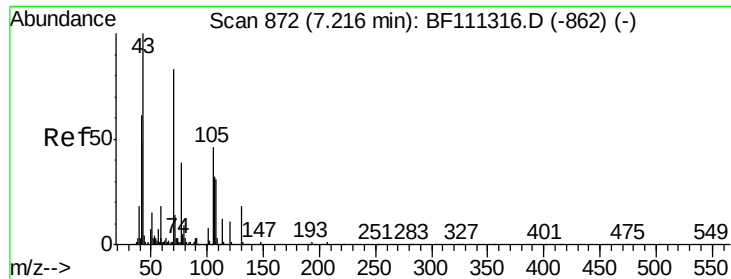


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

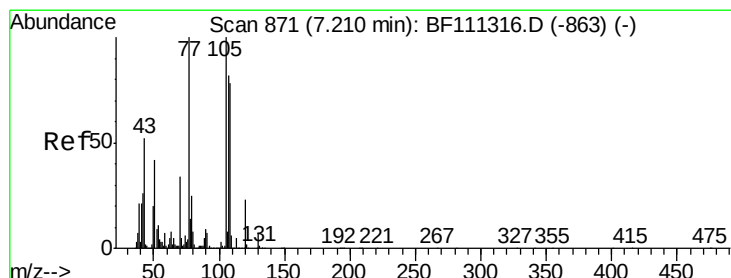
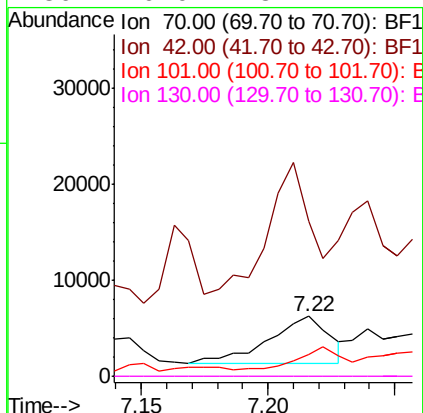
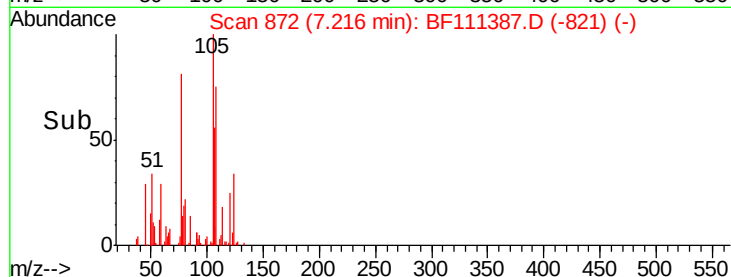
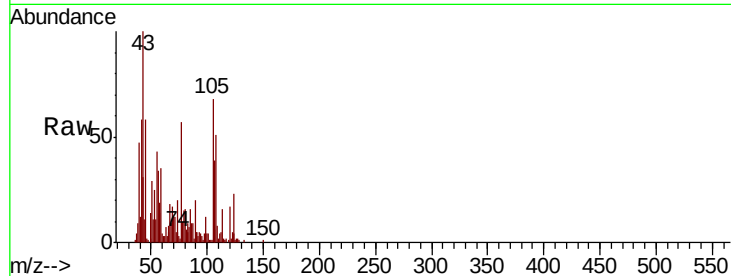




#19
n-Nitroso-di-n-propylamine
Concen: 0.444 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

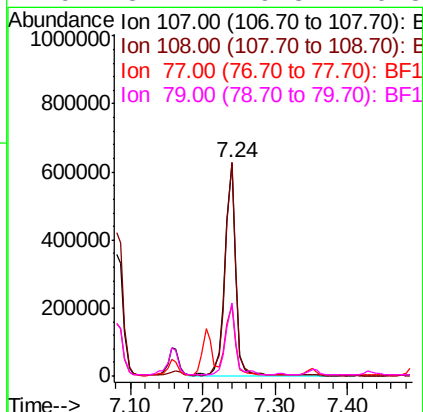
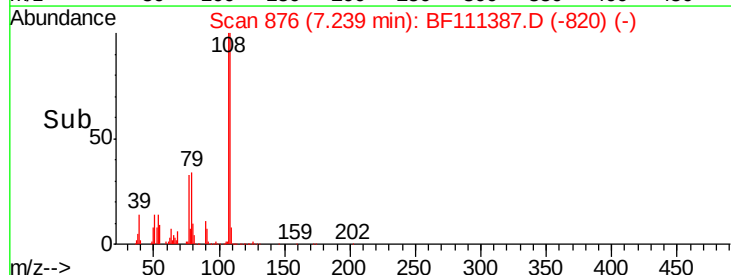
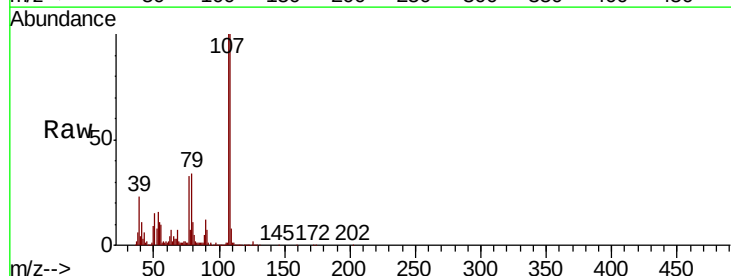
Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

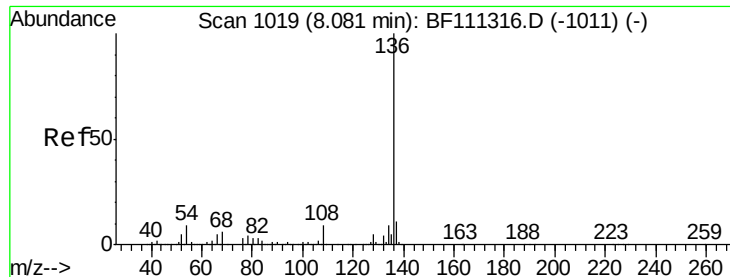
Tgt Ion:	70	Resp:	7970
Ion	Ratio	Lower	Upper
70	100		
42	259.2	53.2	79.8#
101	36.1	8.2	12.4#
130	0.0	18.1	27.1#



#20
3+4-Methylphenols
Concen: 27.378 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.03 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:	107	Resp:	649506
Ion	Ratio	Lower	Upper
107	100		
108	100.3	72.1	112.1
77	33.2	94.1	134.1#
79	34.2	9.8	49.8

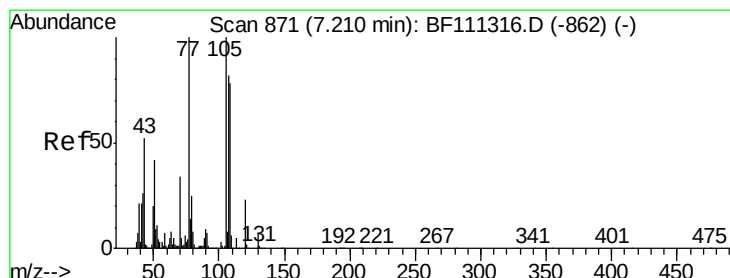
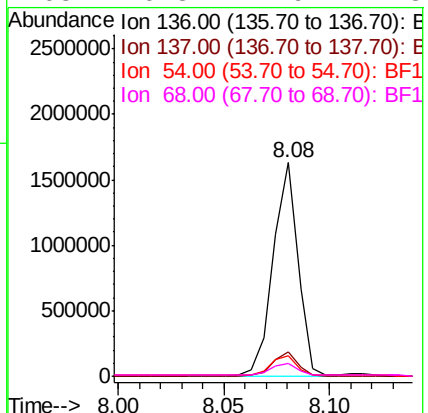
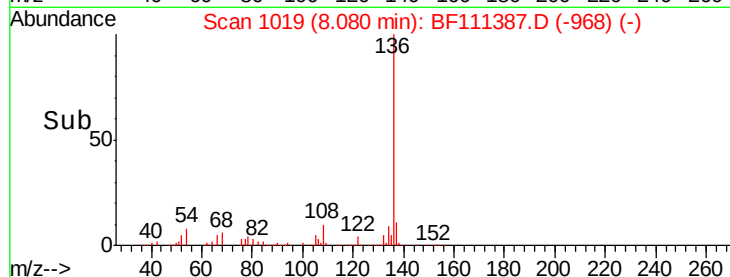
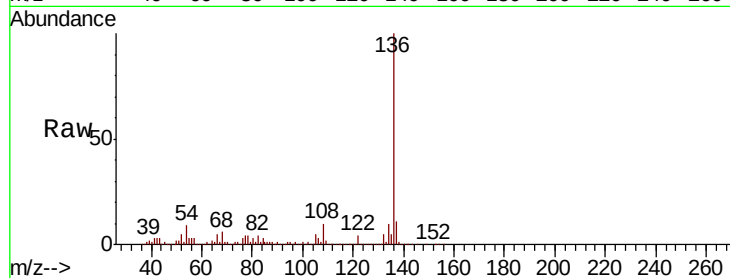




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

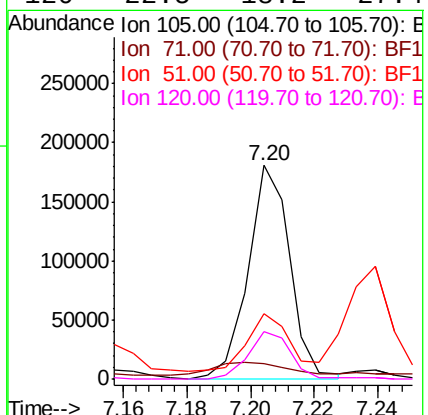
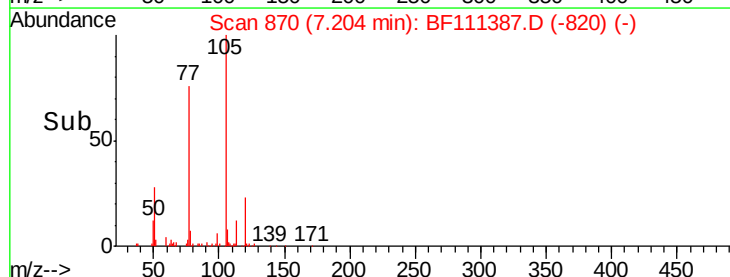
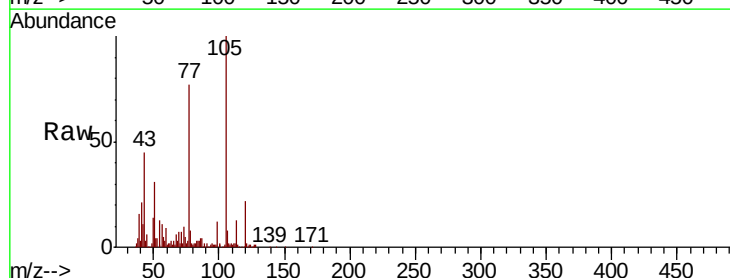
Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

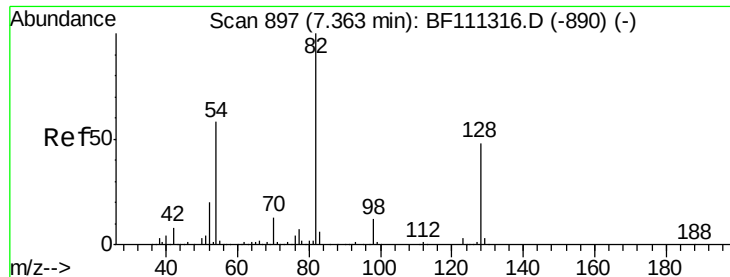
Tgt Ion:	136	Resp:	1345633
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.4	7.7	11.5
68	6.3	4.9	7.3



#22
Acetophenone
Concen: 5.253 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:	105	Resp:	164201
Ion	Ratio	Lower	Upper
105	100		
71	7.3	3.1	4.7#
51	30.8	36.6	54.8#
120	22.5	18.2	27.4

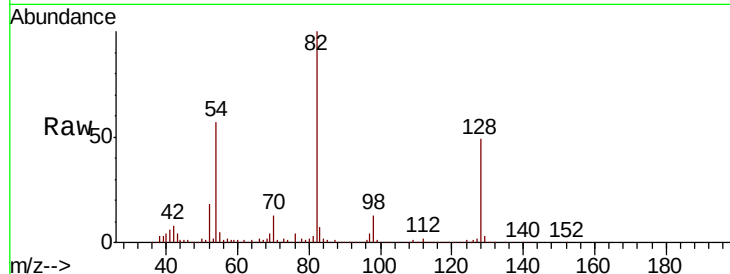




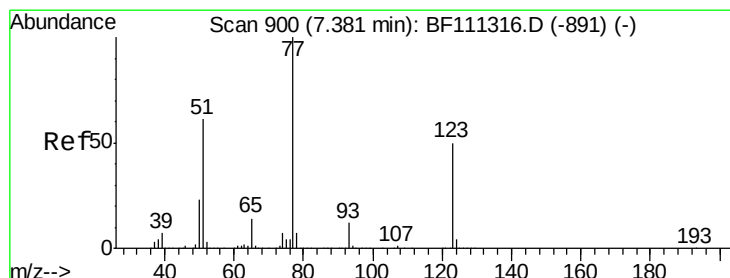
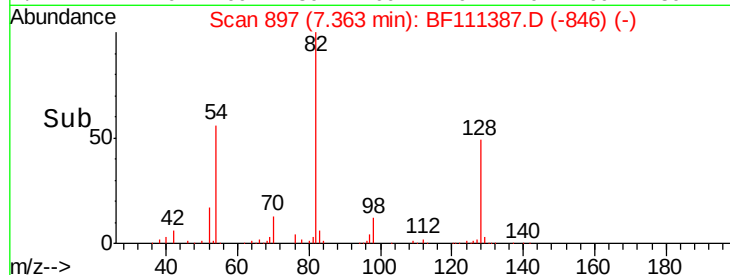
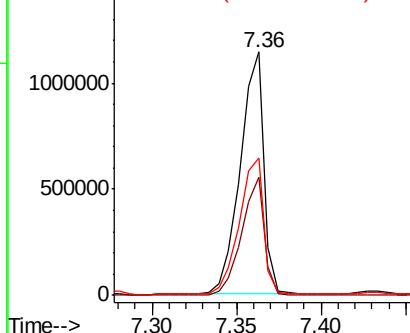
#23
Nitrobenzene-d5
Concen: 46.669 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

Tgt Ion: 82 Resp: 1114187
Ion Ratio Lower Upper
82 100
128 48.6 37.4 56.2
54 56.7 47.6 71.4

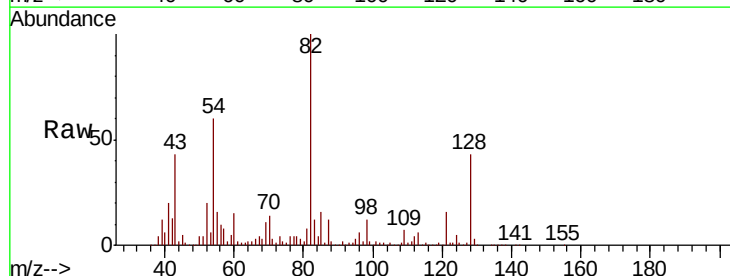


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

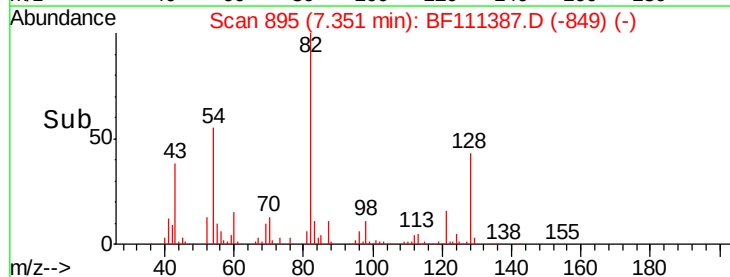
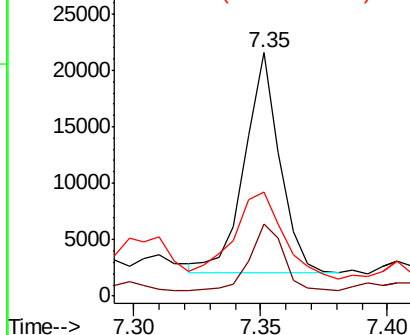


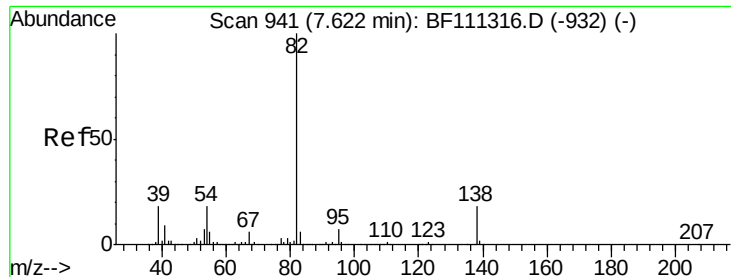
#24
Nitrobenzene
Concen: 0.769 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.03 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion: 77 Resp: 18902
Ion Ratio Lower Upper
77 100
123 29.7 37.2 55.8#
65 42.6 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

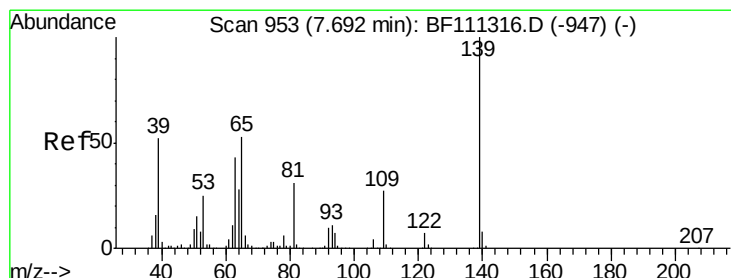
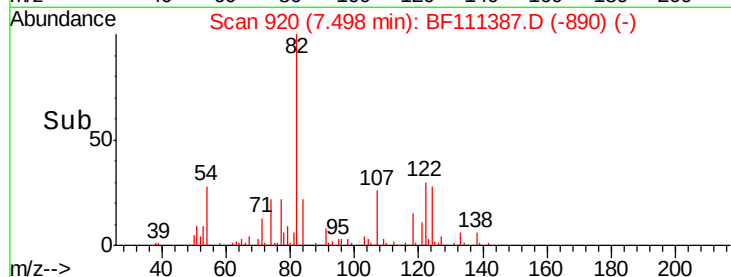
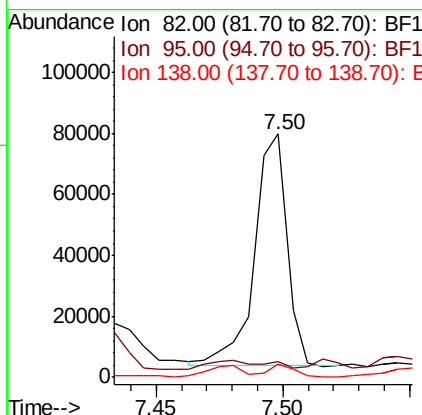
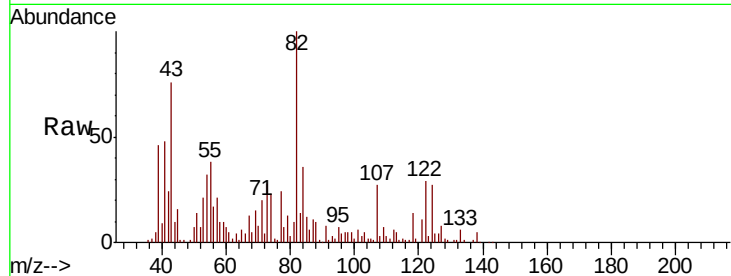




#25
Isophorone
Concen: 1.679 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.12 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

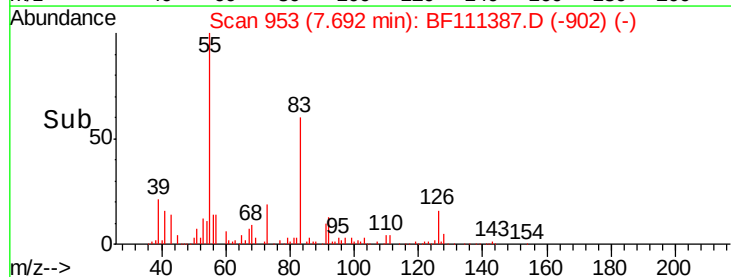
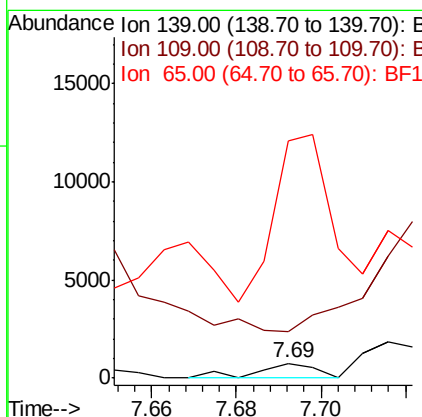
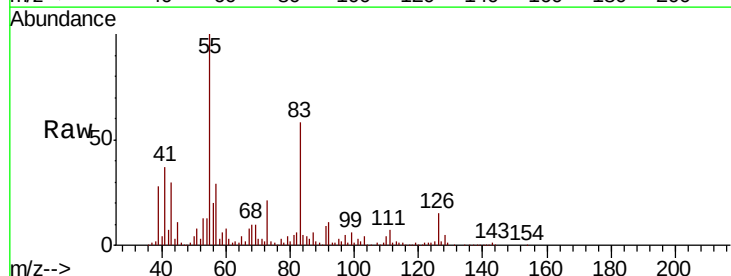
Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

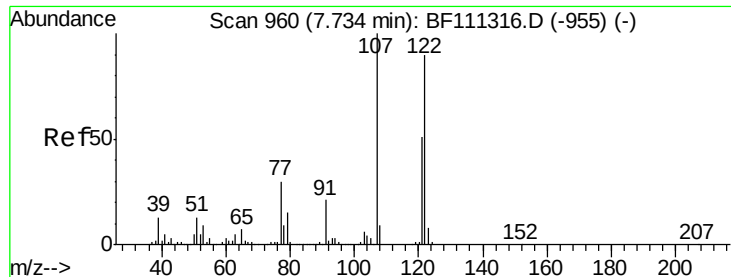
Tgt Ion: 82 Resp: 68096
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.2
138 5.2 15.1 22.7#



#26
2-Nitrophenol
Concen: 0.060 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion: 139 Resp: 729
Ion Ratio Lower Upper
139 100
109 313.5 20.2 30.4#
65 1600.8 40.7 61.1#





#27

2,4-Dimethylphenol

Concen: 4.639 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.03 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

Instrument :

BNA_F

ClientSampleId :

P001-SW004-02

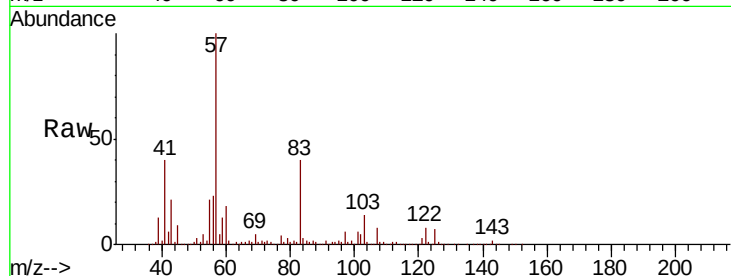
Tgt Ion:122 Resp: 85118

Ion Ratio Lower Upper

122 100

107 106.2 85.5 128.3

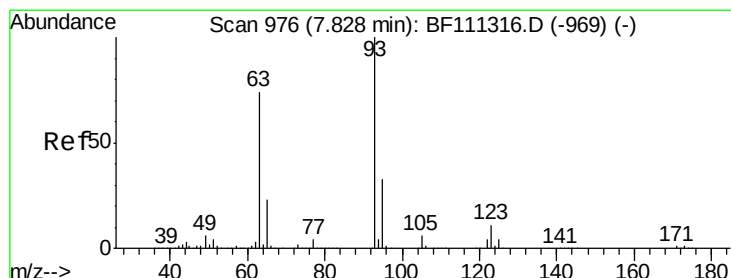
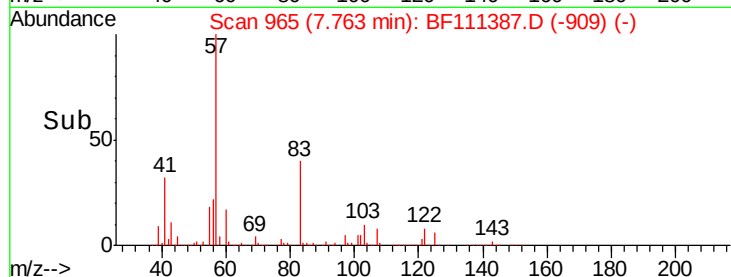
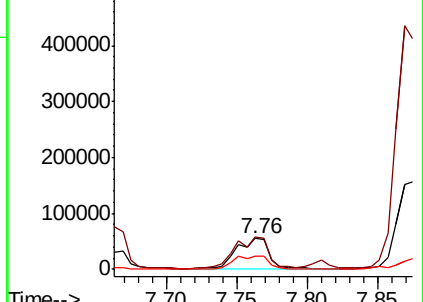
121 42.1 46.6 70.0#



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: 0.280 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.02 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

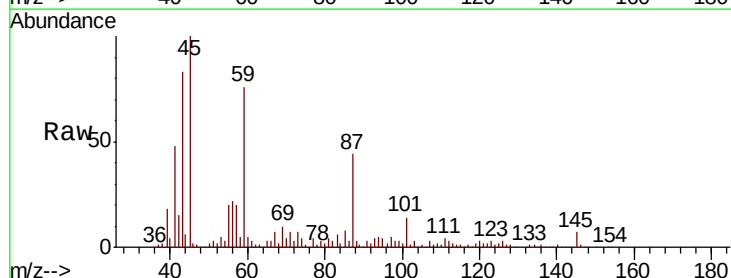
Tgt Ion: 93 Resp: 7799

Ion Ratio Lower Upper

93 100

95 94.1 27.1 40.7#

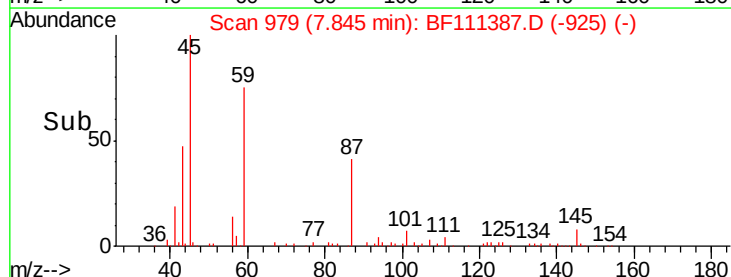
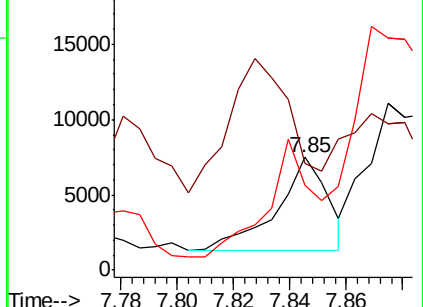
123 75.5 9.9 14.9#

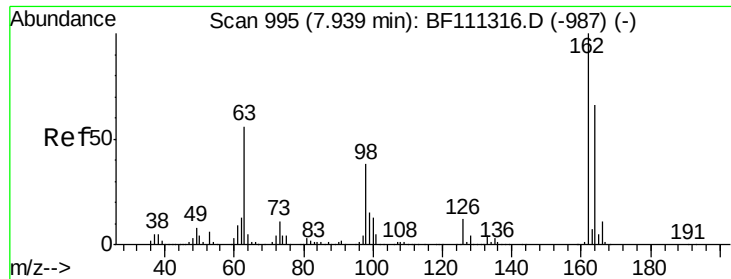


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

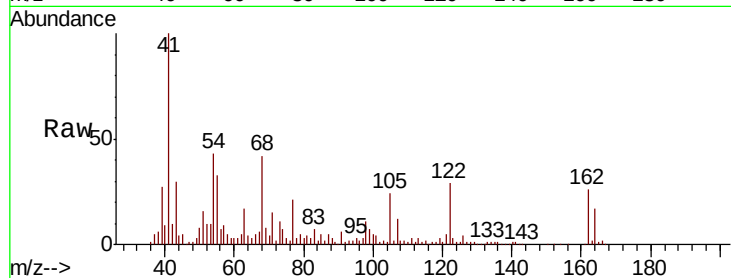




#29
2,4-Dichlorophenol
Concen: 3.807 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.02 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.9	44.4	84.4
98	42.8	20.3	60.3

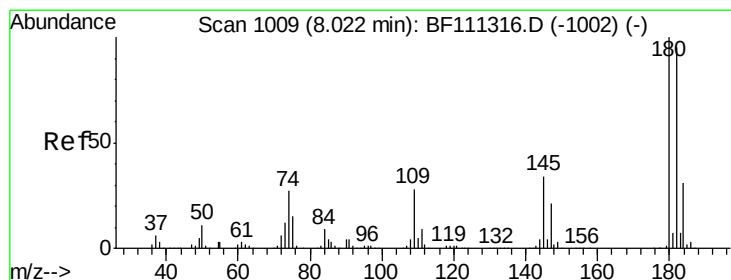
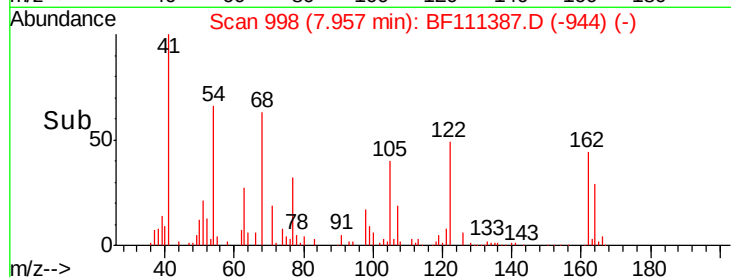
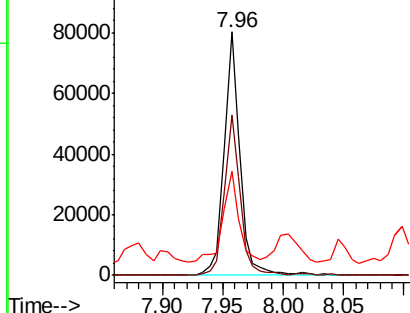


Abundance

Ion 162.00 (161.70 to 162.70): E

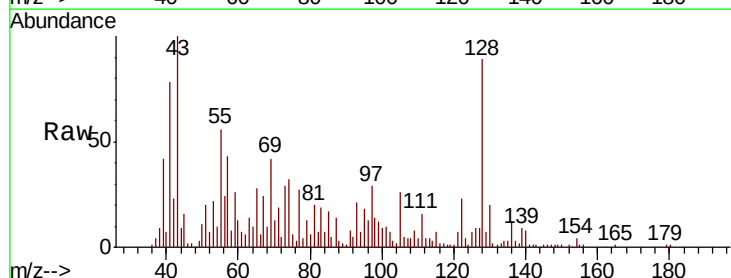
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 0.017 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.08 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	75.6	113.4#
145	85.2	26.7	40.1#

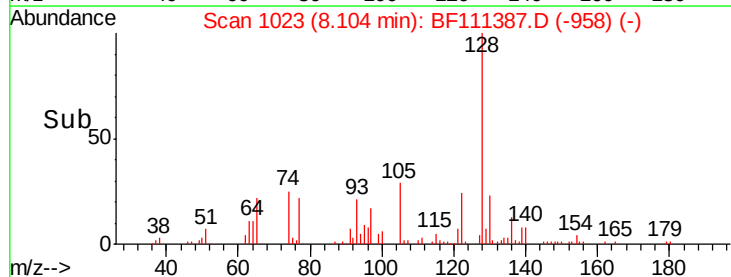
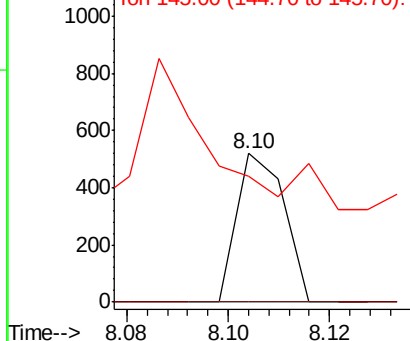


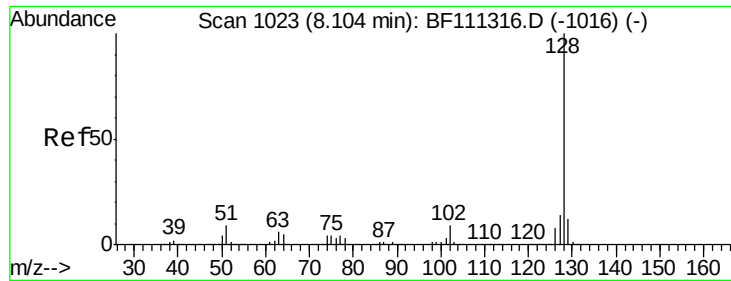
Abundance

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

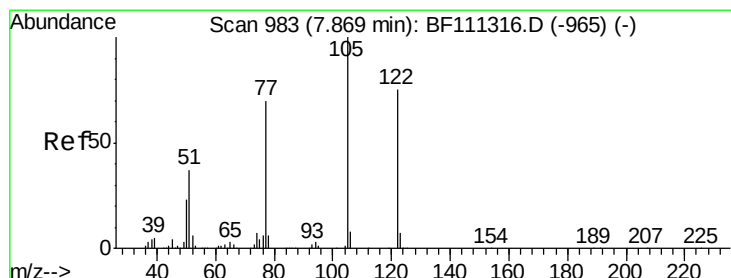
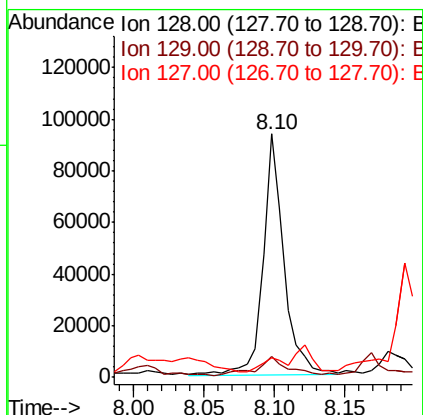
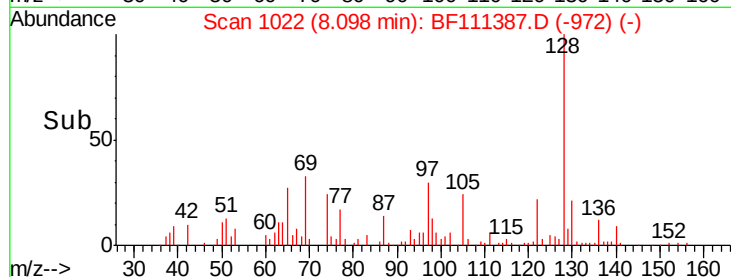
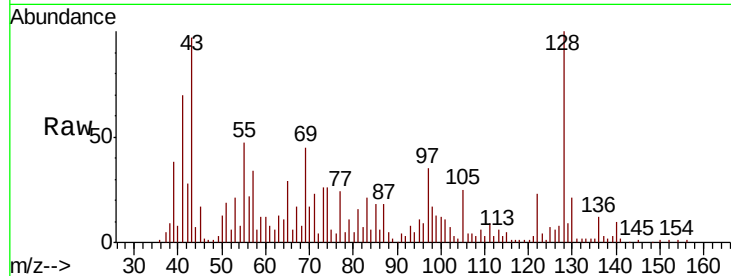




#31
Naphthalene
Concen: 1.569 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

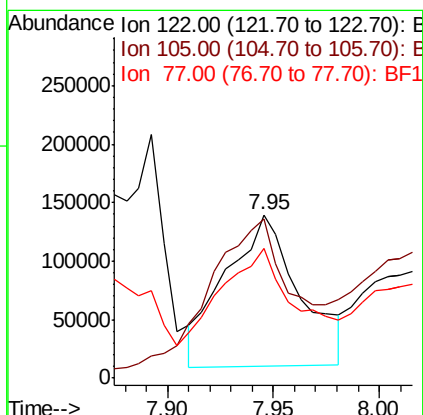
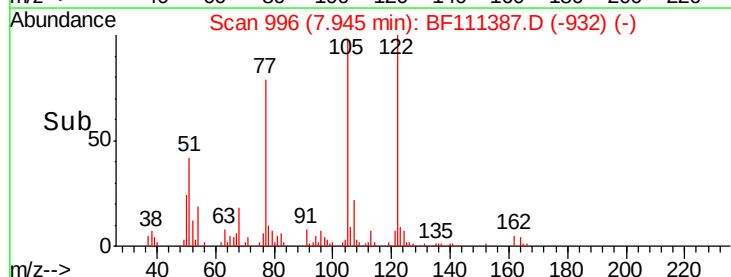
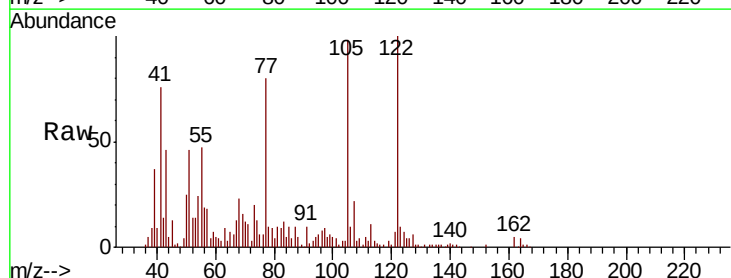
Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

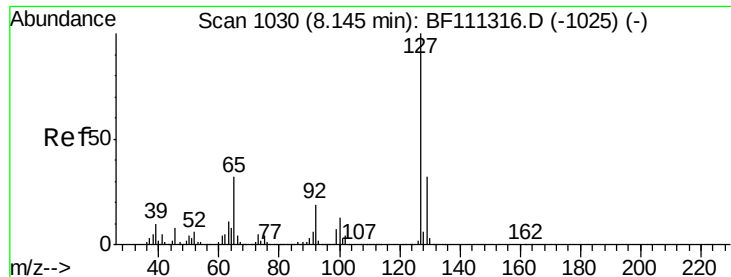
Tgt Ion:128 Resp: 98344
Ion Ratio Lower Upper
128 100
129 8.6 9.8 14.8#
127 7.9 12.0 18.0#



#32
Benzoic acid
Concen: 20.849 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.08 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:122 Resp: 318013
Ion Ratio Lower Upper
122 100
105 97.7 97.0 137.0
77 79.6 65.7 105.7

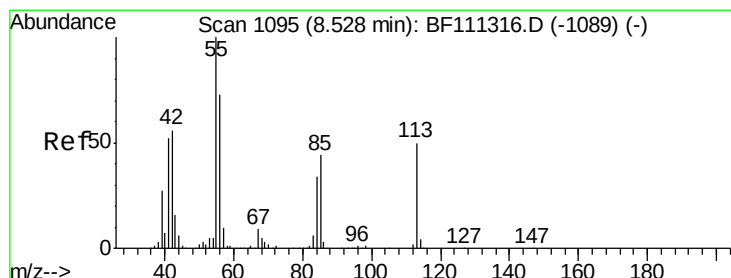
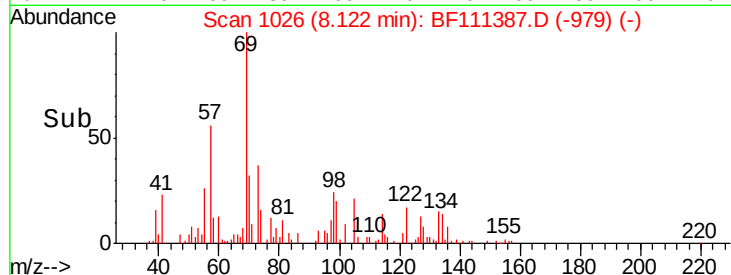
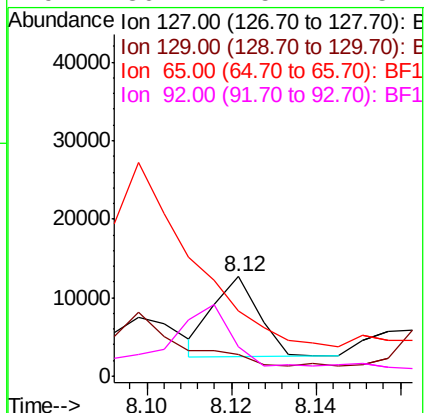
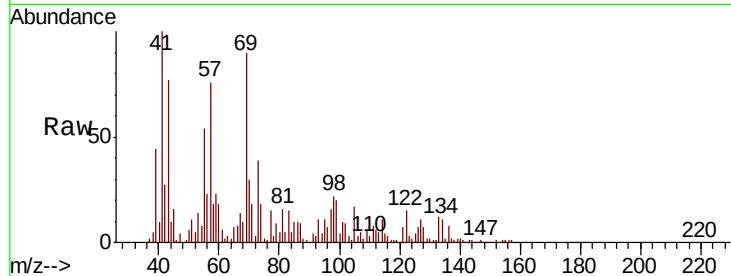




#33
4-Chloroaniline
Concen: 0.286 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

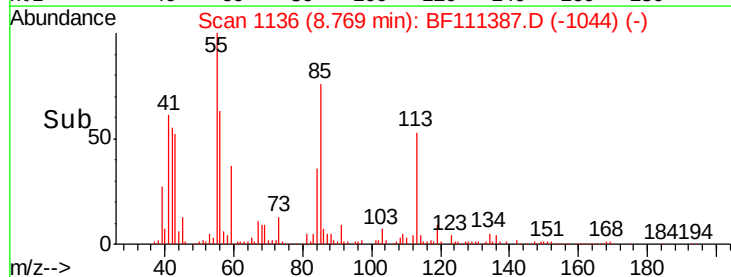
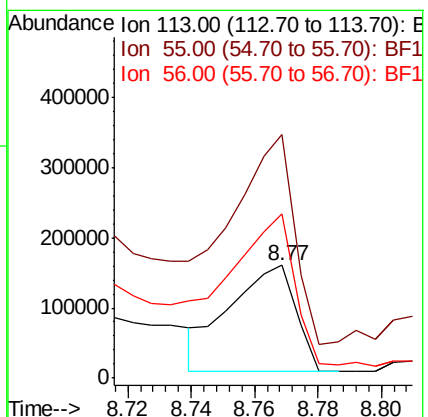
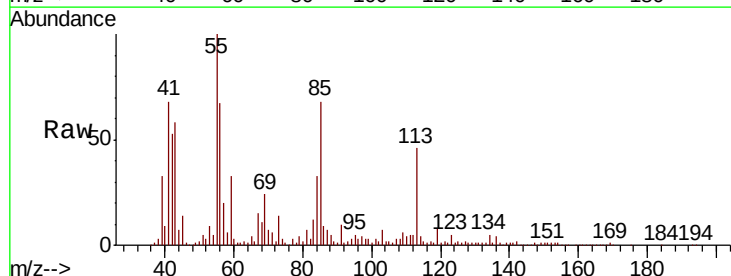
Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

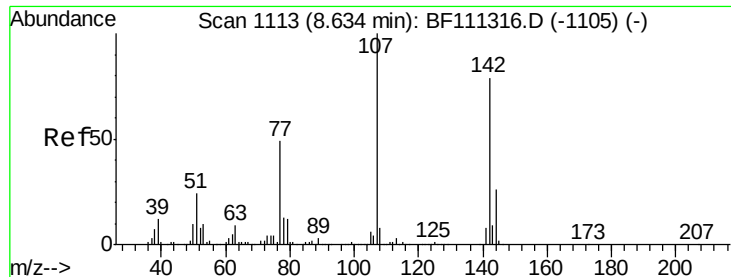
Tgt Ion:127 Resp: 7650
Ion Ratio Lower Upper
127 100
129 21.7 26.6 39.8#
65 65.1 25.7 38.5#
92 30.2 15.4 23.2#



#35
Caprolactam
Concen: 32.690 ng
RT: 8.77 min Scan# 1136
Delta R.T. 0.24 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:113 Resp: 219250
Ion Ratio Lower Upper
113 100
55 216.5 184.1 224.1
56 145.8 126.0 166.0

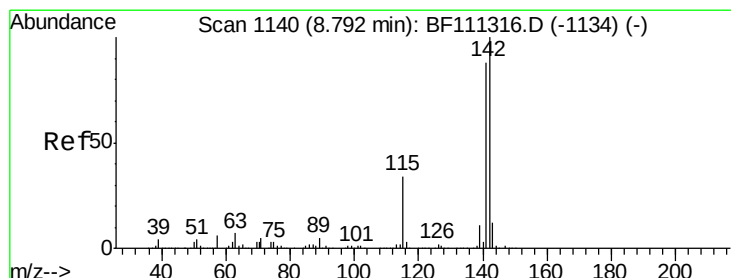
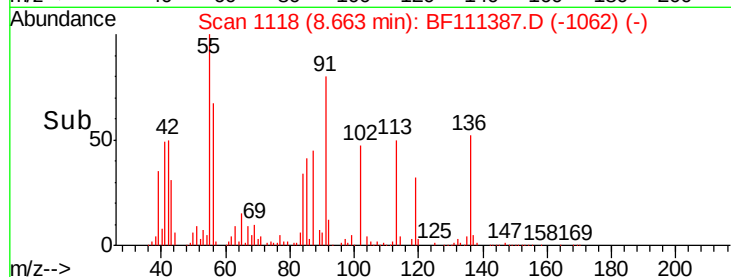
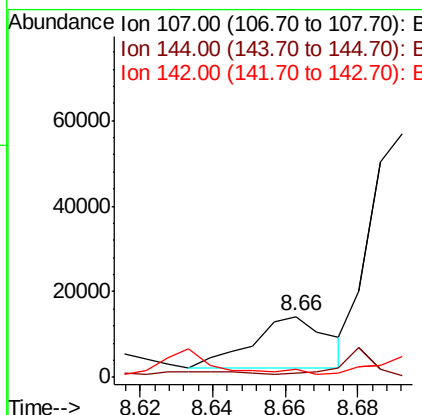
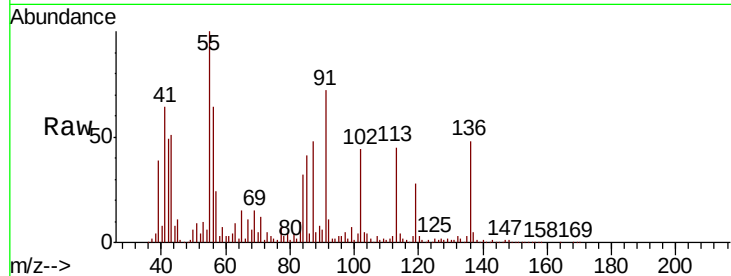




#36
 4-Chloro-3-methylphenol
 Concen: 0.854 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.03 min
 Lab File: BF111387.D
 Acq: 13 Dec 2018 23:16

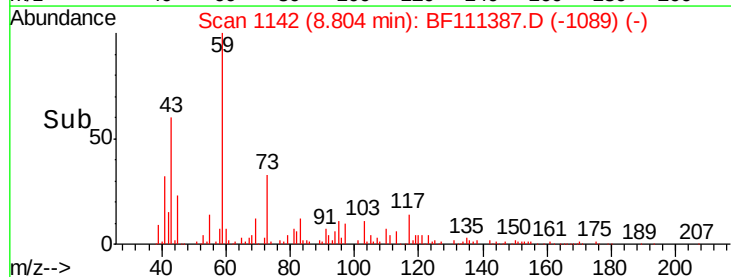
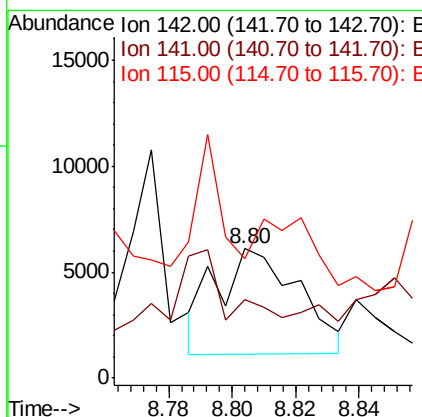
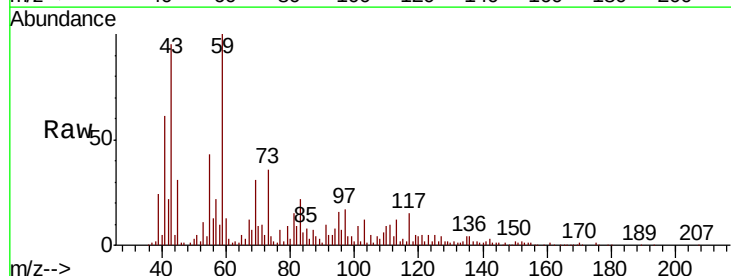
Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-02

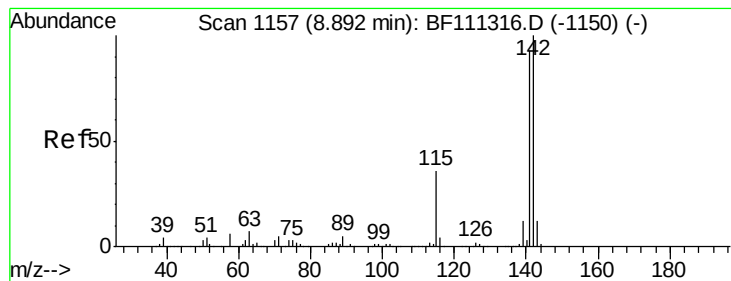
Tgt Ion:107 Resp: 17413
 Ion Ratio Lower Upper
 107 100
 144 7.7 19.8 29.6#
 142 12.4 62.3 93.5#



#37
 2-Methylnaphthalene
 Concen: 0.222 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF111387.D
 Acq: 13 Dec 2018 23:16

Tgt Ion:142 Resp: 8997
 Ion Ratio Lower Upper
 142 100
 141 60.3 70.6 105.8#
 115 92.2 27.0 40.6#





#38

1-Methylnaphthalene

Concen: 0.169 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

Instrument :

BNA_F

ClientSampleId :

P001-SW004-02

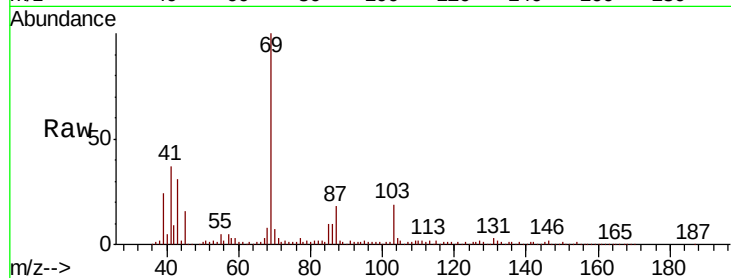
Tgt Ion:142 Resp: 6630

Ion Ratio Lower Upper

142 100

141 87.5 74.2 111.4

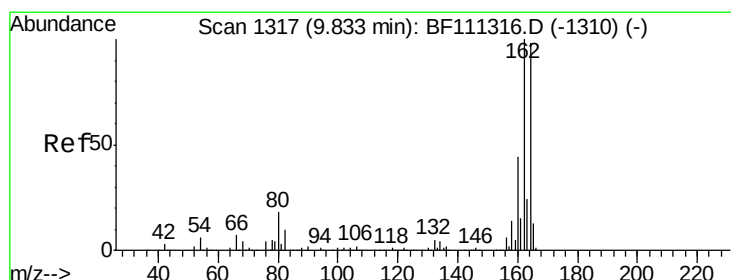
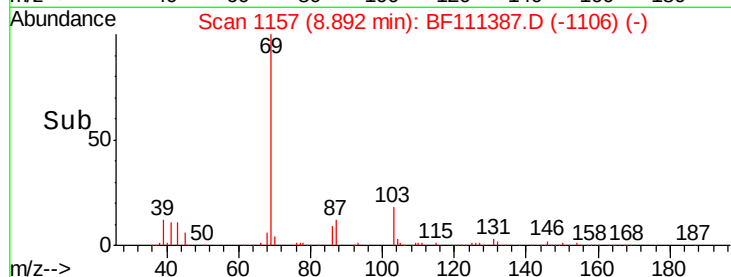
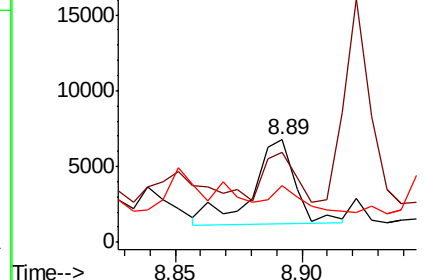
116 54.9 2.9 4.3#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

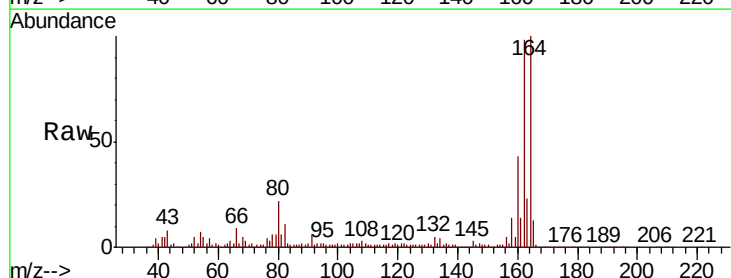
Tgt Ion:164 Resp: 557166

Ion Ratio Lower Upper

164 100

162 98.2 81.4 122.0

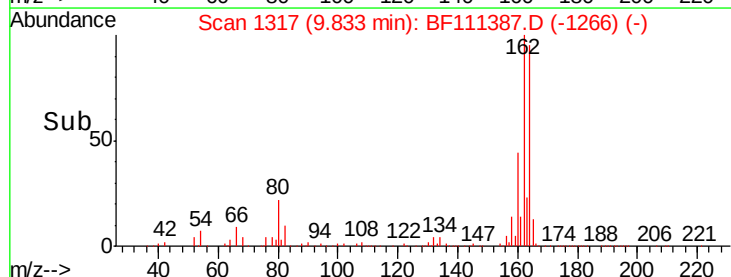
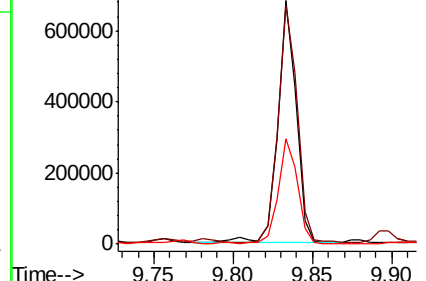
160 43.2 35.7 53.5

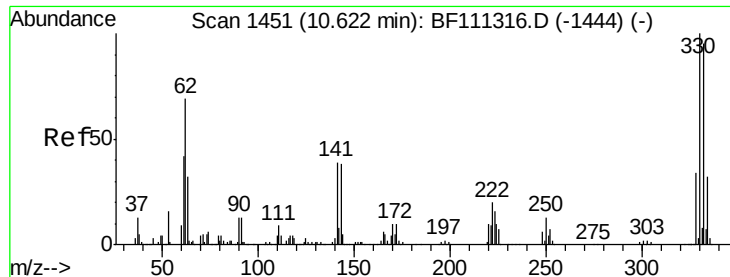


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

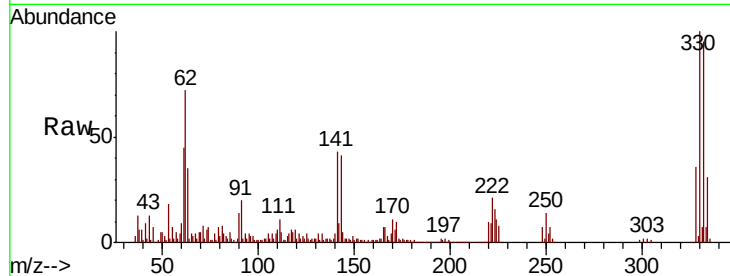




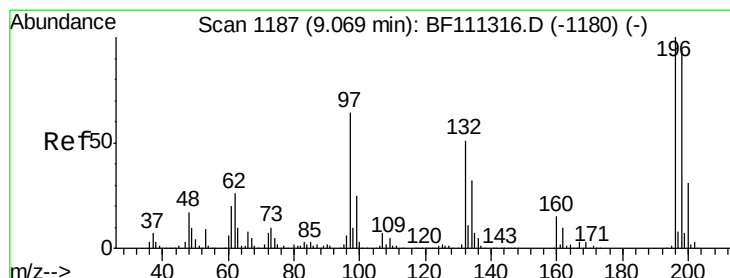
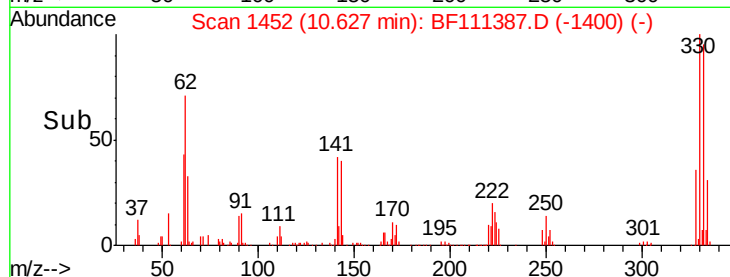
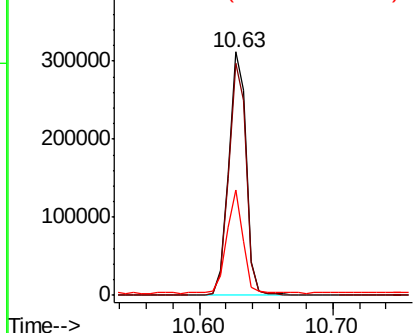
#42
 2,4,6-Tribromophenol
 Concen: 59.211 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF111387.D
 Acq: 13 Dec 2018 23:16

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-02

Tgt Ion:330 Resp: 290816
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.0 114.0
 141 40.0 31.0 46.6

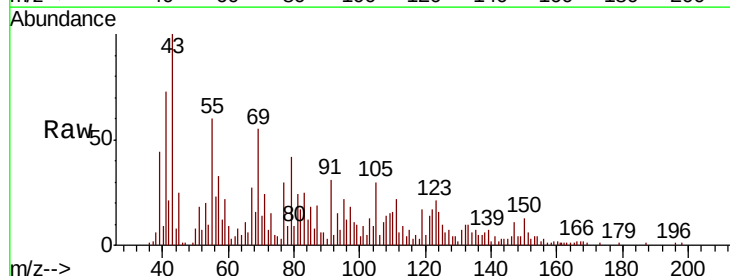


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

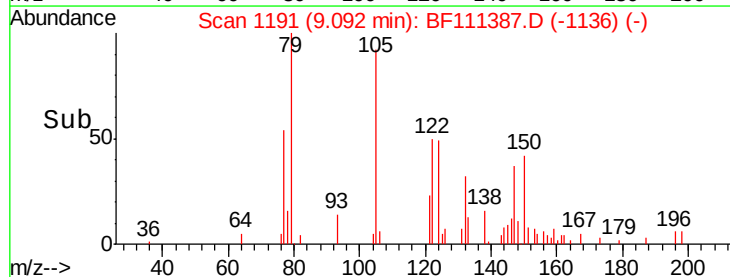
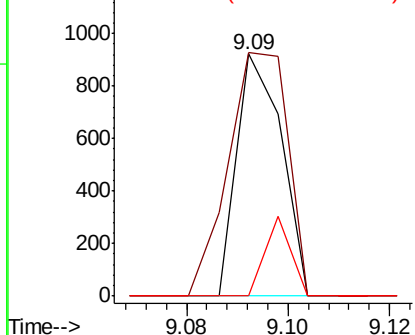


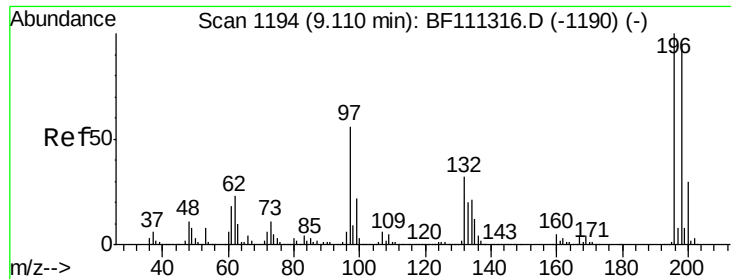
#43
 2,4,6-Trichlorophenol
 Concen: 0.051 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.02 min
 Lab File: BF111387.D
 Acq: 13 Dec 2018 23:16

Tgt Ion:196 Resp: 570
 Ion Ratio Lower Upper
 196 100
 198 100.7 76.3 114.5
 200 0.0 24.9 37.3#



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

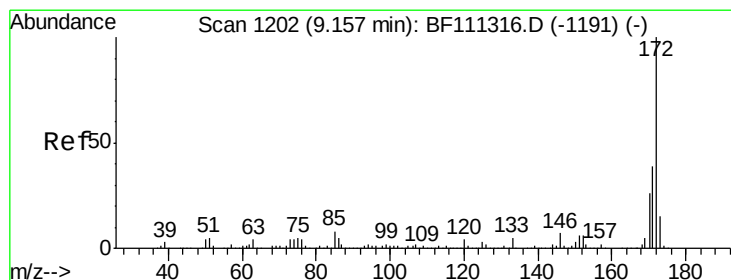
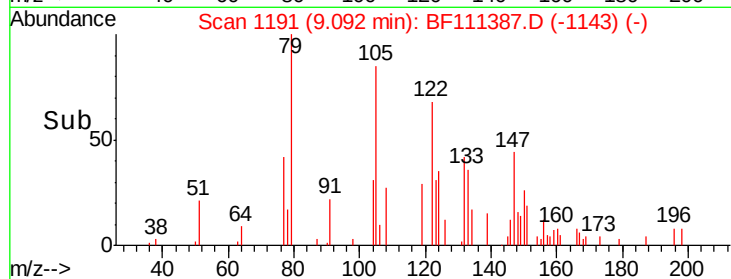
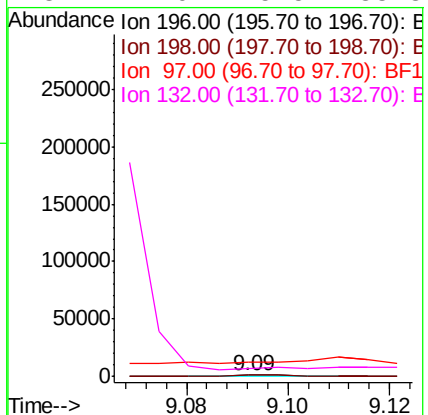
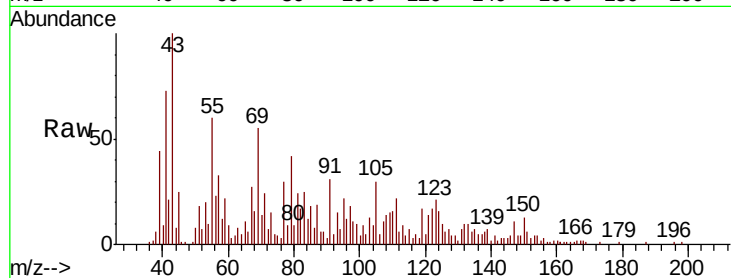




#44
 2,4,5-Trichlorophenol
 Concen: 0.048 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF111387.D
 Acq: 13 Dec 2018 23:16

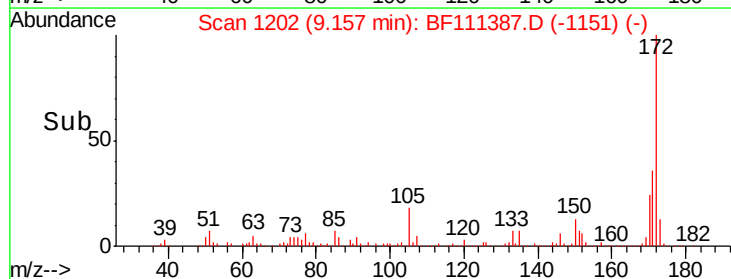
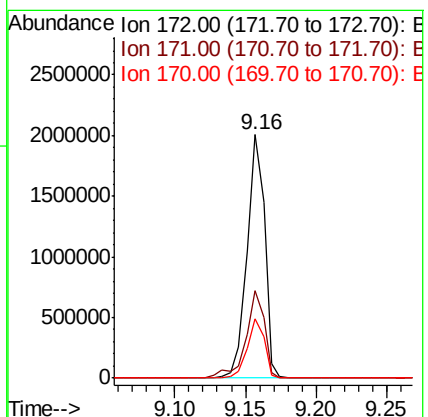
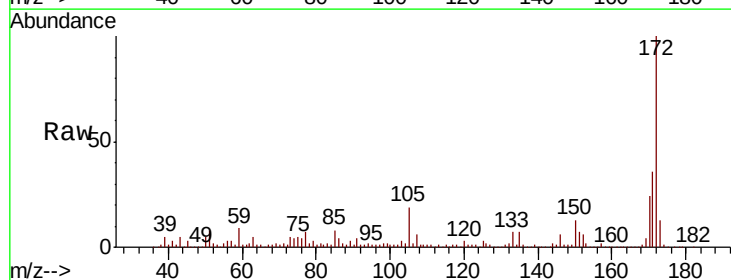
Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-02

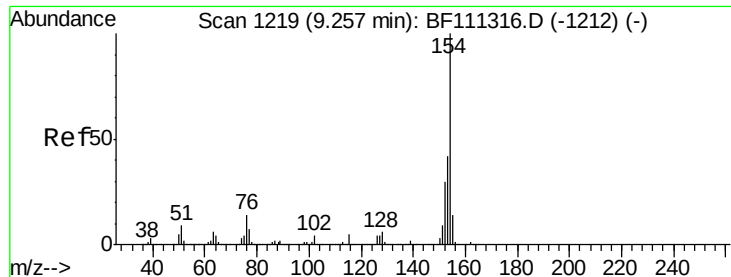
Tgt Ion:196 Resp: 570
 Ion Ratio Lower Upper
 196 100
 198 100.7 72.9 109.3
 97 1304.9 45.3 67.9#
 132 711.0 25.5 38.3#



#45
 2-Fluorobiphenyl
 Concen: 50.616 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF111387.D
 Acq: 13 Dec 2018 23:16

Tgt Ion:172 Resp: 1756582
 Ion Ratio Lower Upper
 172 100
 171 35.8 33.0 49.4
 170 24.2 22.3 33.5

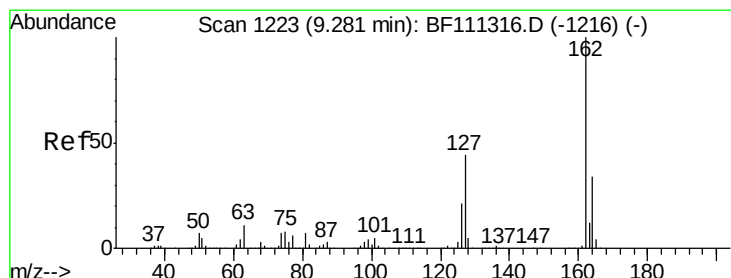
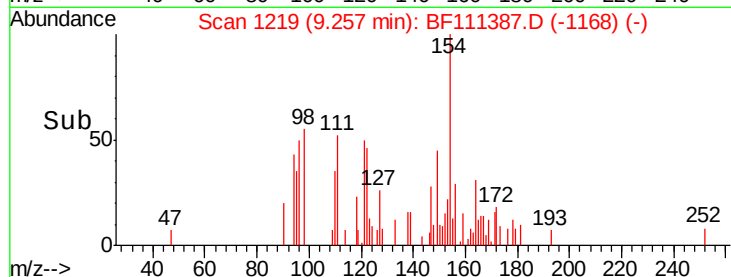
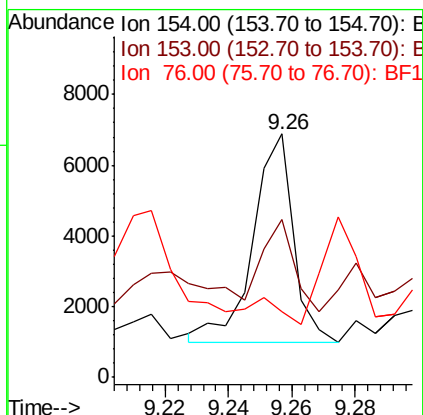
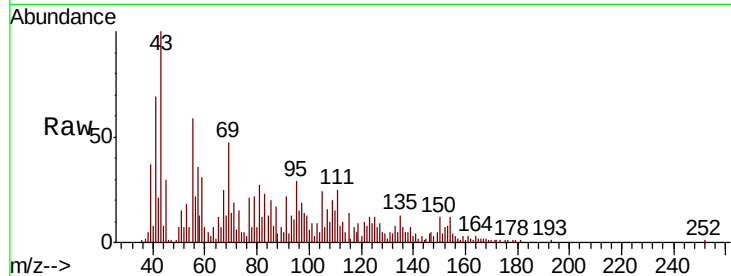




#46
1,1'-Biphenyl
Concen: 0.110 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

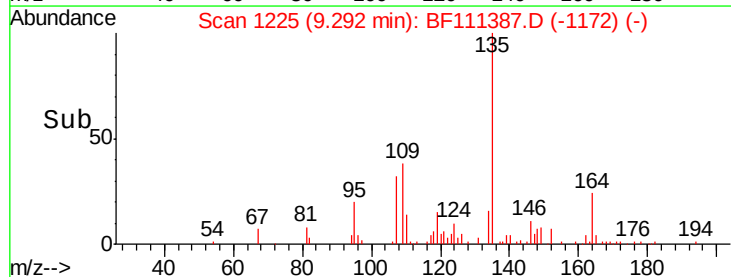
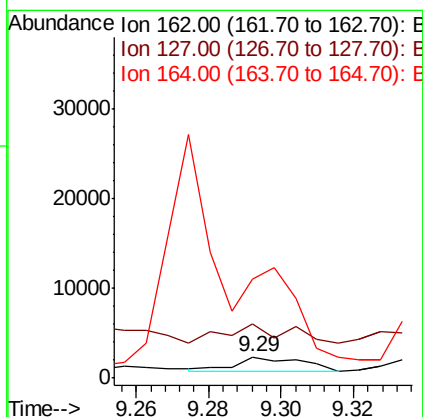
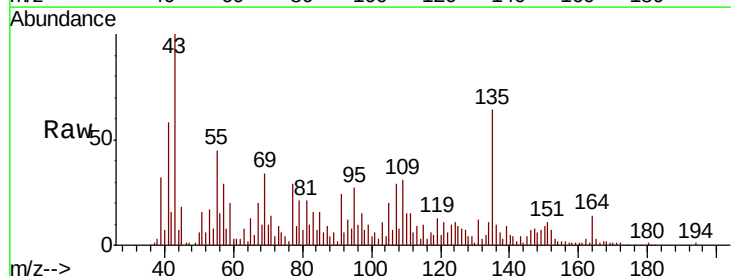
Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

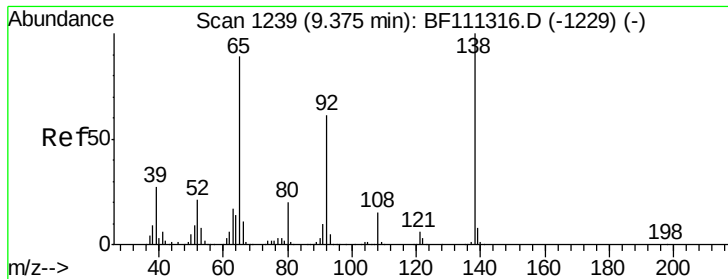
Tgt Ion:154 Resp: 5218
Ion Ratio Lower Upper
154 100
153 64.6 23.7 63.7#
76 27.2 0.0 35.0



#47
2-Chloronaphthalene
Concen: 0.056 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:162 Resp: 2025
Ion Ratio Lower Upper
162 100
127 257.1 35.0 52.4#
164 477.0 28.4 42.6#

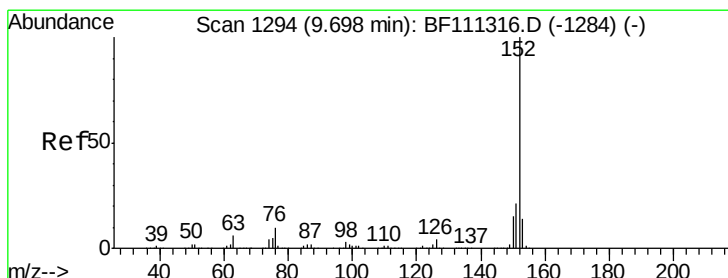
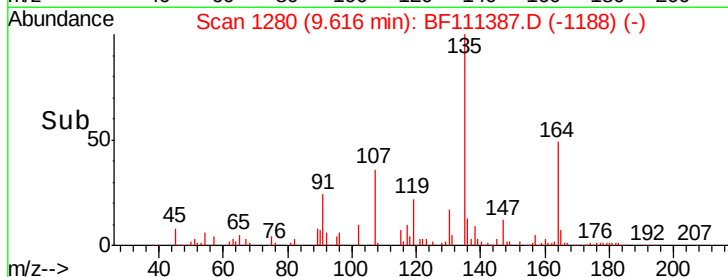
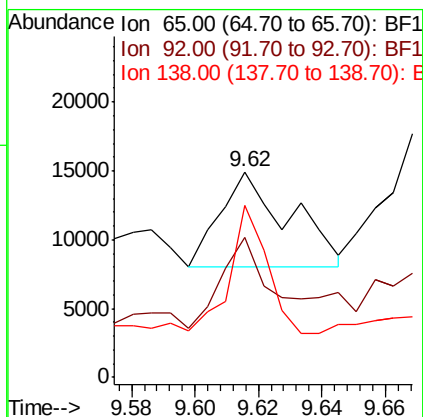
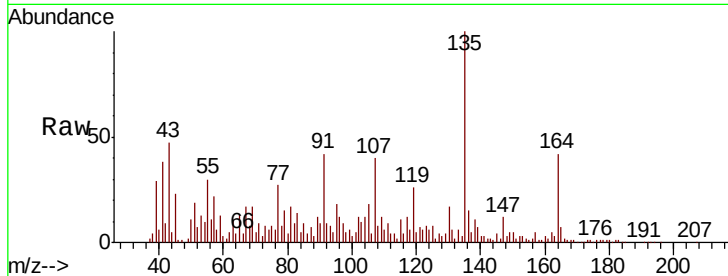




#48
2-Nitroaniline
Concen: 0.881 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.24 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

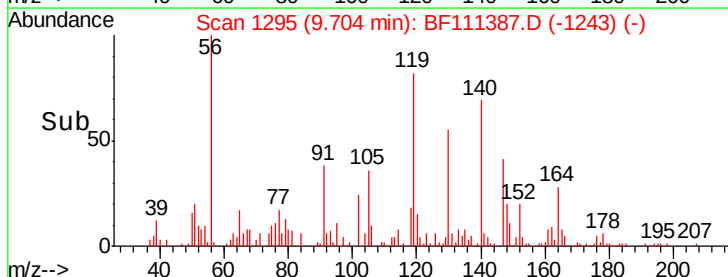
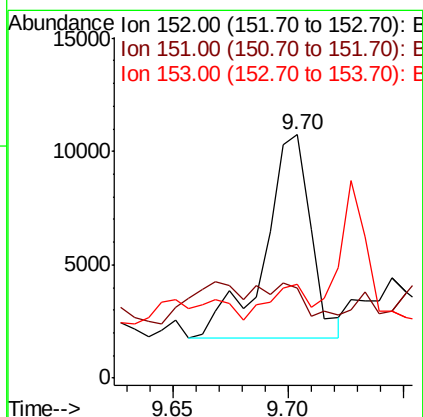
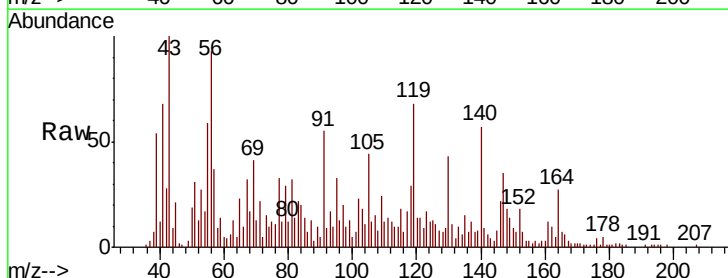
Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

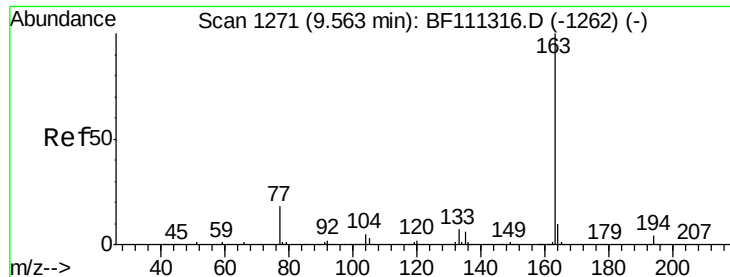
Tgt Ion: 65 Resp: 10426
Ion Ratio Lower Upper
65 100
92 68.3 53.5 80.3
138 83.5 80.9 121.3



#49
Acenaphthylene
Concen: 0.235 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion: 152 Resp: 12486
Ion Ratio Lower Upper
152 100
151 36.8 18.0 27.0#
153 38.7 12.3 18.5#

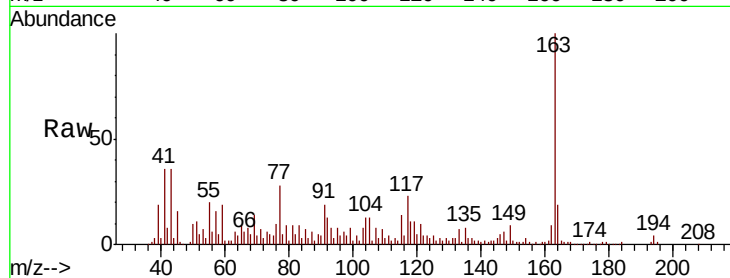




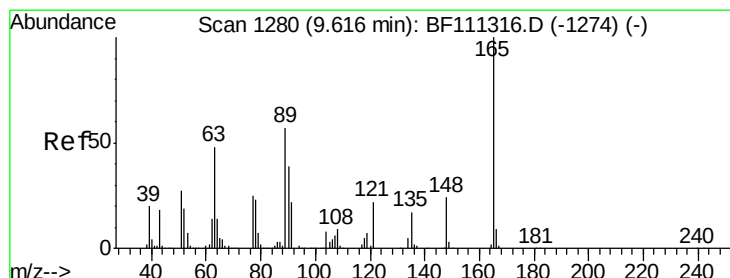
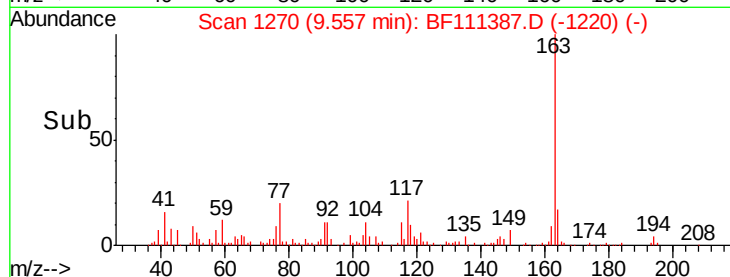
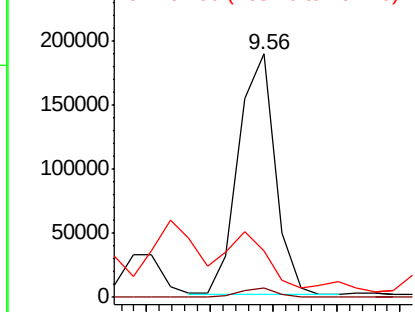
#50
Dimethylphthalate
Concen: 3.758 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

Tgt Ion:163 Resp: 150566
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 19.3 8.9 13.3#

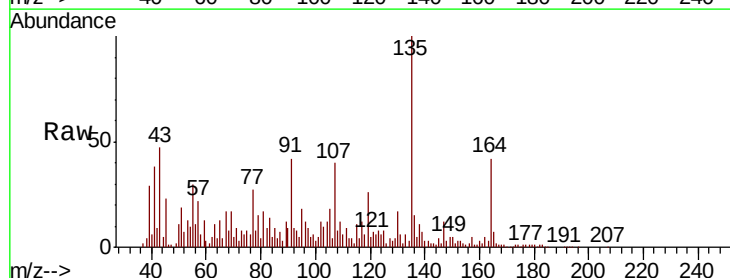


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

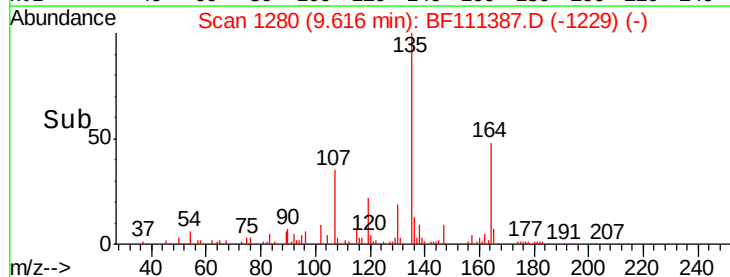
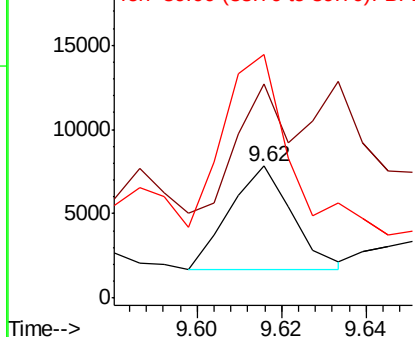


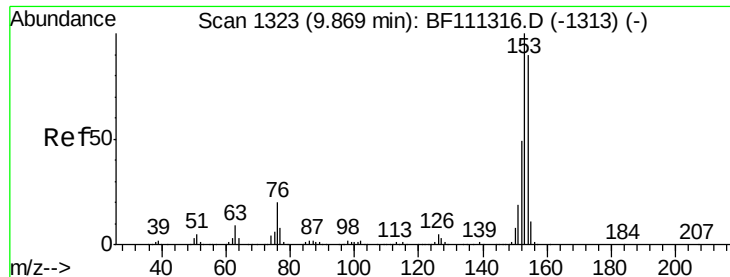
#51
2,6-Dinitrotoluene
Concen: 0.713 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:165 Resp: 6332
Ion Ratio Lower Upper
165 100
63 161.8 40.5 60.7#
89 184.4 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: 0.048 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.04 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

Instrument :

BNA_F

ClientSampleId :

P001-SW004-02

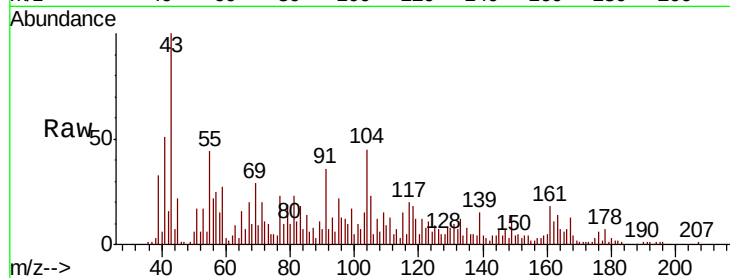
Tgt Ion:154 Resp: 1620

Ion Ratio Lower Upper

154 100

153 112.7 87.8 131.8

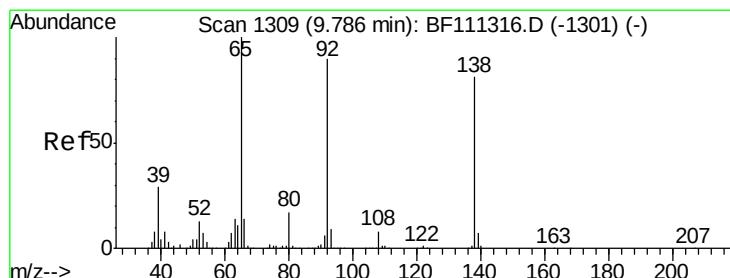
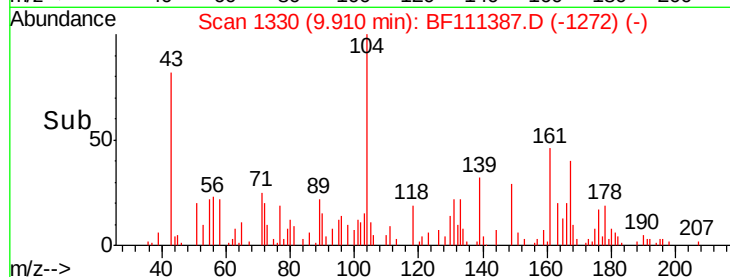
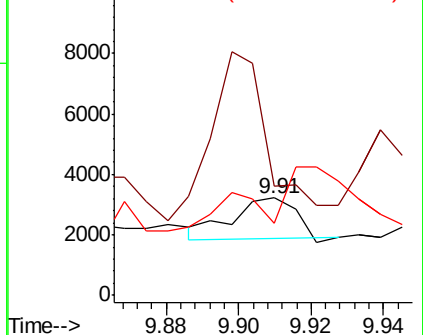
152 74.4 43.4 65.2#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 0.537 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

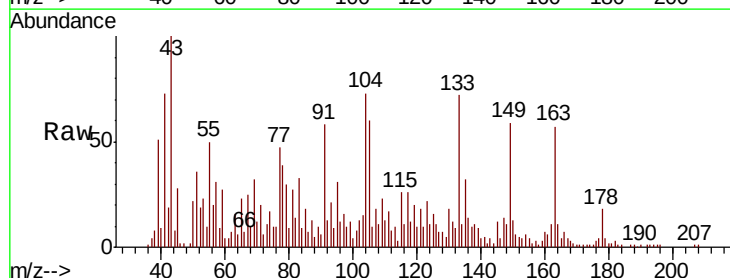
Tgt Ion:138 Resp: 5735

Ion Ratio Lower Upper

138 100

108 97.8 8.2 12.4#

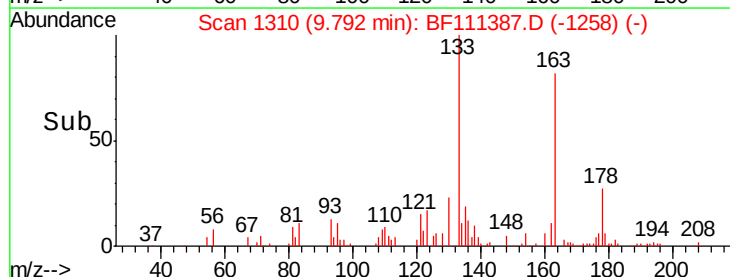
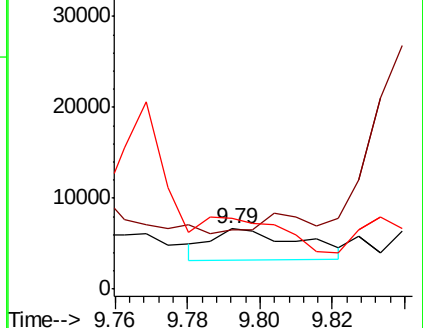
92 118.5 93.4 140.2

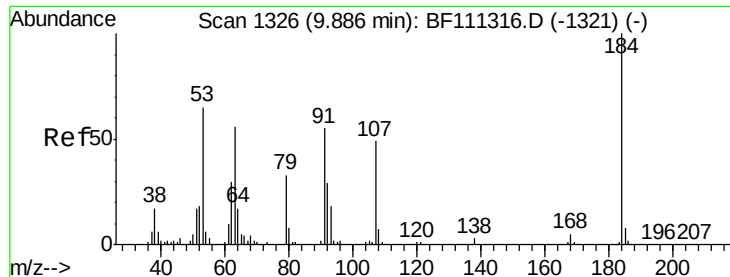


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

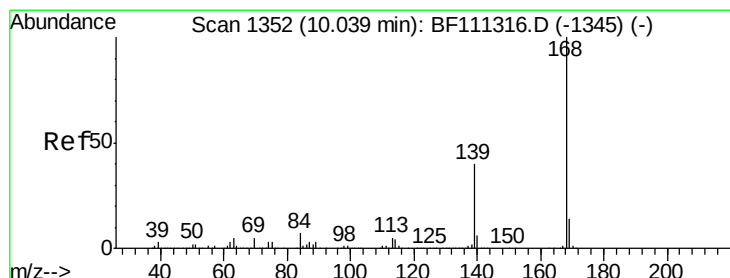
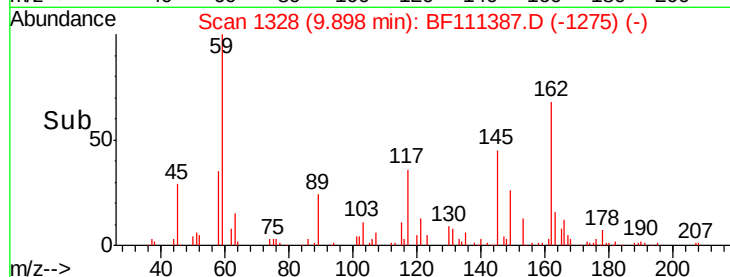
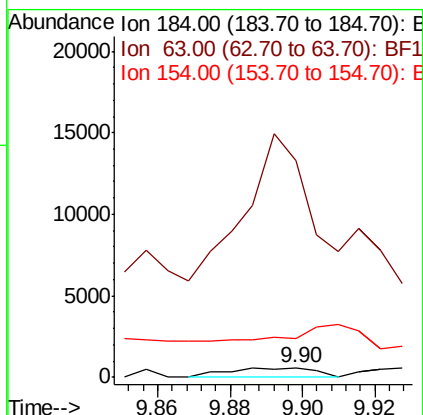
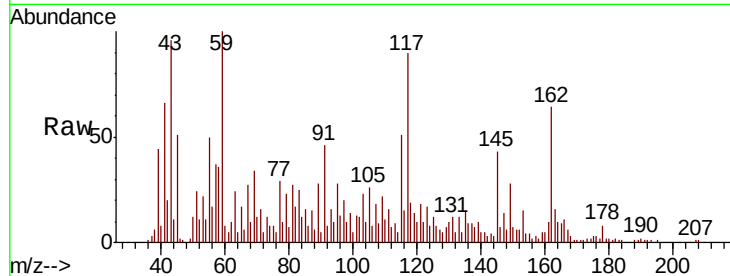




#54
2,4-Dinitrophenol
Concen: 0.277 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

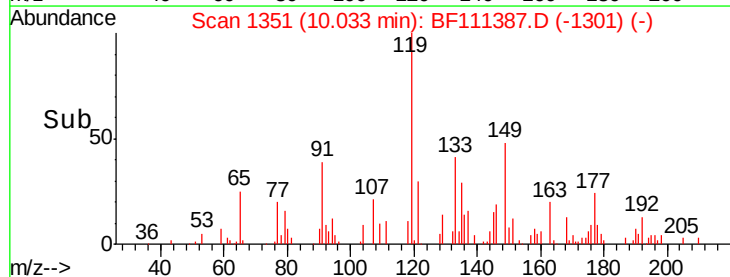
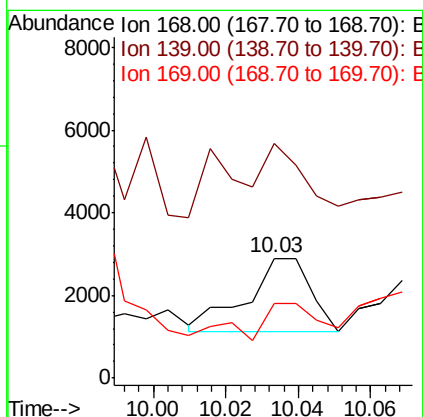
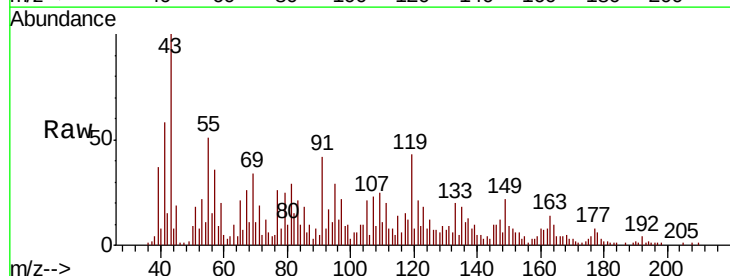
Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

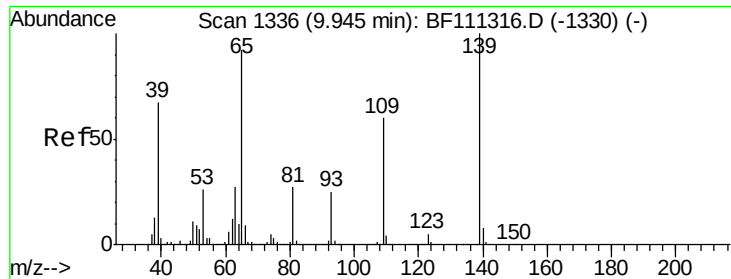
Tgt Ion:184 Resp: 965
Ion Ratio Lower Upper
184 100
63 2254.0 62.3 93.5#
154 399.7 56.2 84.2#



#55
Dibenzofuran
Concen: 0.045 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:168 Resp: 2166
Ion Ratio Lower Upper
168 100
139 196.3 32.6 49.0#
169 62.8 11.8 17.6#

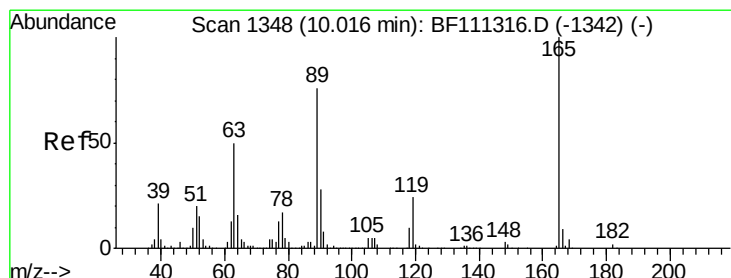
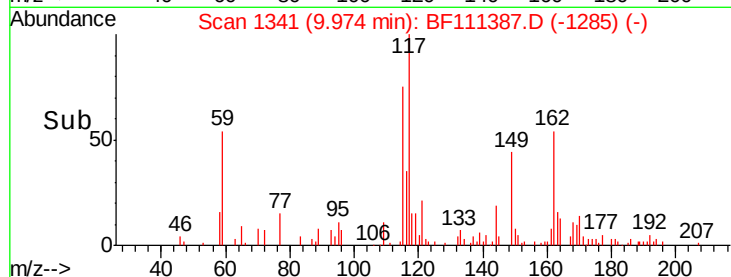
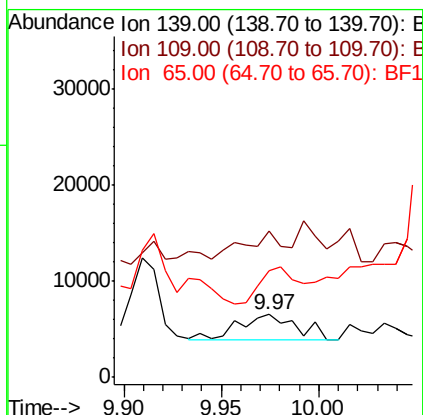
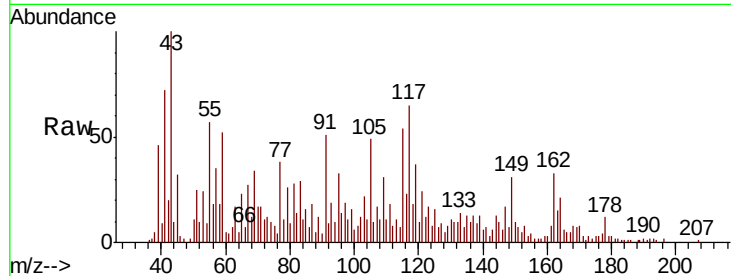




#56
4-Nitrophenol
Concen: 0.734 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.03 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

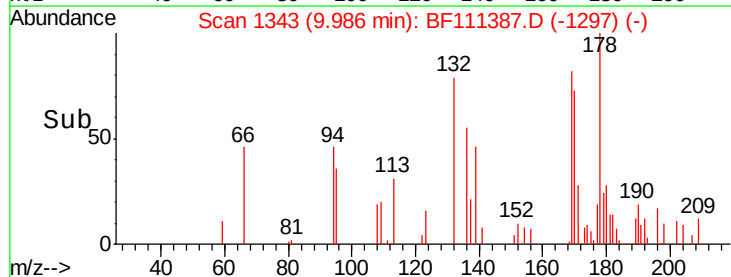
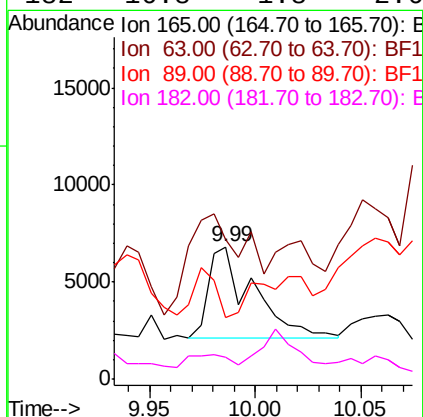
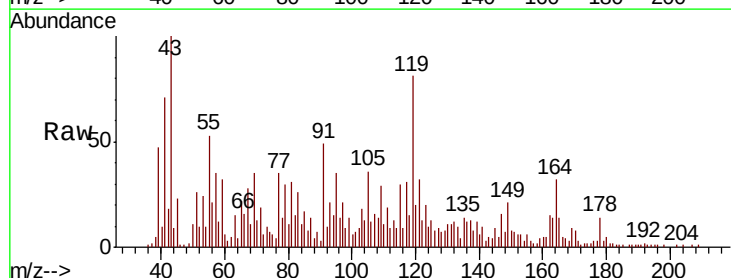
Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

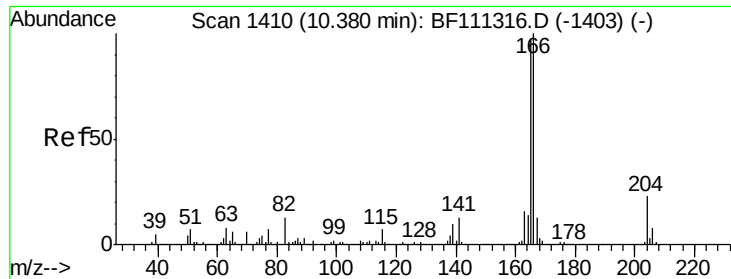
Tgt Ion:139 Resp: 5646
Ion Ratio Lower Upper
139 100
109 233.2 41.8 81.8#
65 170.7 79.6 119.6#



#57
2,4-Dinitrotoluene
Concen: 0.590 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.03 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:165 Resp: 6721
Ion Ratio Lower Upper
165 100
63 105.5 34.6 52.0#
89 46.8 56.2 84.4#
182 16.8 1.8 2.6#





#58

Fluorene

Concen: 0.166 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

Instrument :

BNA_F

ClientSampleId :

P001-SW004-02

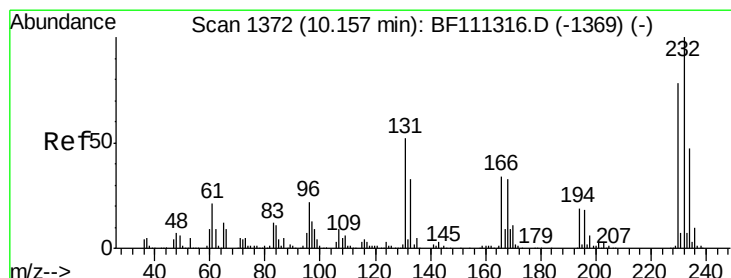
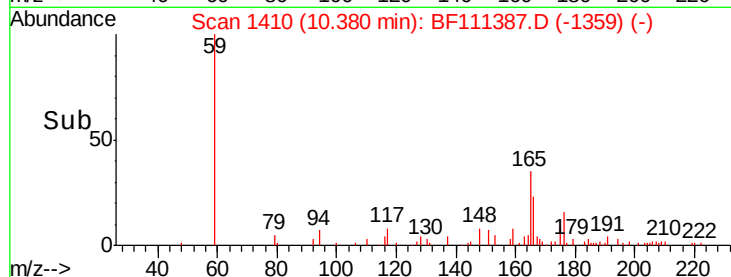
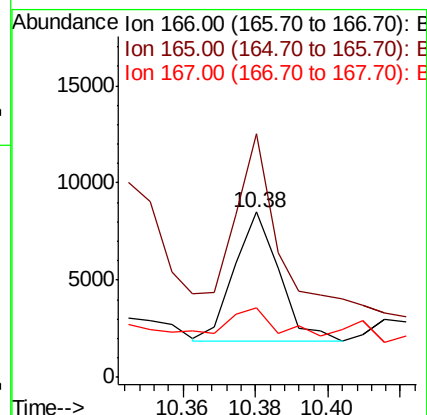
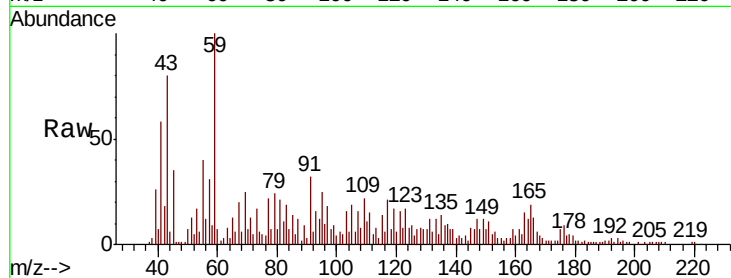
Tgt Ion:166 Resp: 5754

Ion Ratio Lower Upper

166 100

165 147.4 78.4 117.6#

167 42.4 11.2 16.8#



#59

2,3,4,6-Tetrachlorophenol

Concen: 0.203 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.27 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

Tgt Ion:232 Resp: 1859

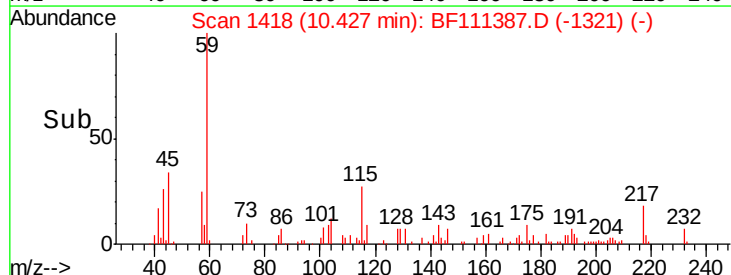
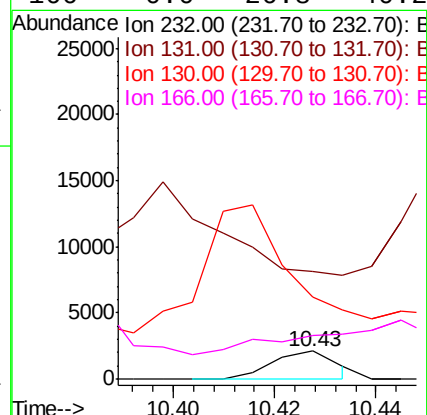
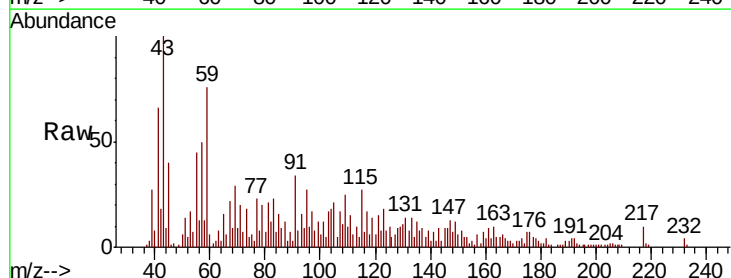
Ion Ratio Lower Upper

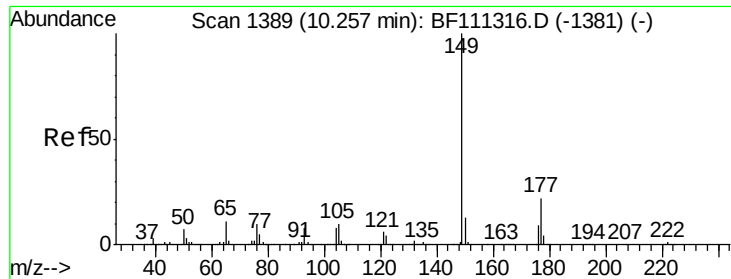
232 100

131 0.0 40.9 61.3#

130 618.8 2.0 3.0#

166 0.0 26.8 40.2#





#60

Diethylphthalate

Concen: 0.341 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

Instrument :

BNA_F

ClientSampleId :

P001-SW004-02

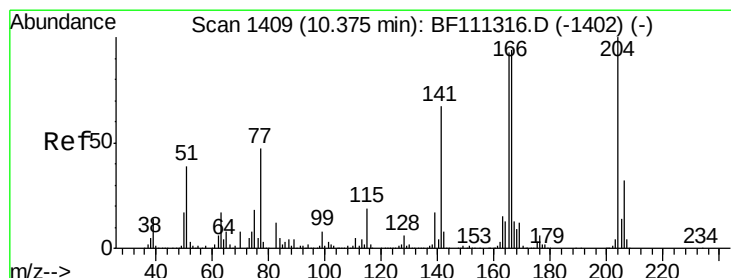
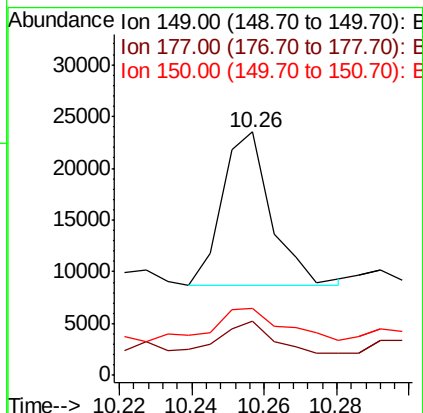
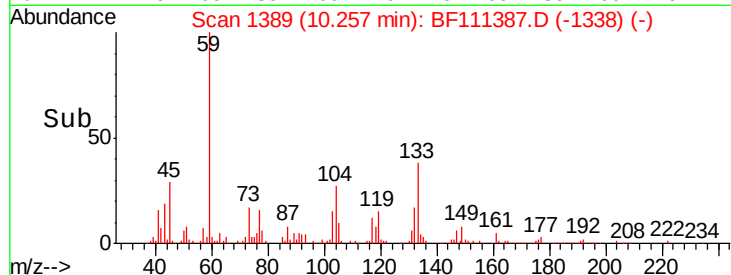
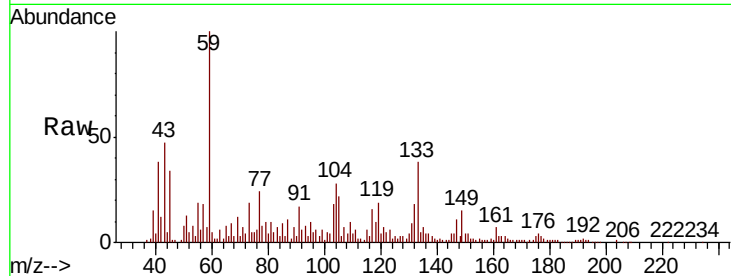
Tgt Ion:149 Resp: 13741

Ion Ratio Lower Upper

149 100

177 22.3 18.3 27.5

150 27.3 10.6 15.8#



#61

4-Chlorophenyl-phenylether

Concen: 0.009 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

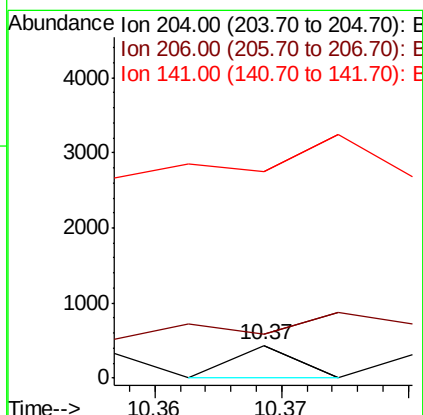
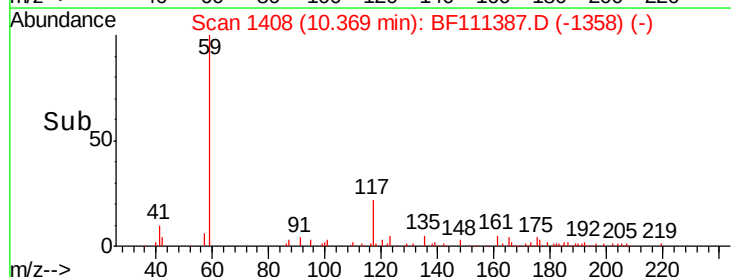
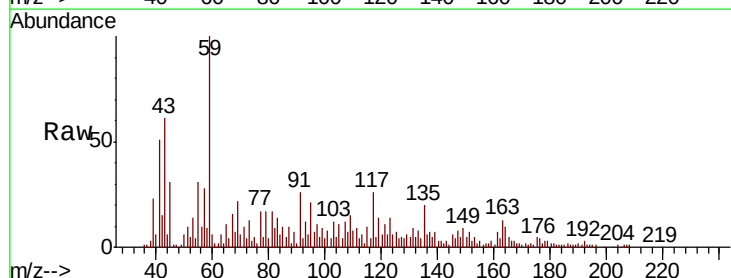
Tgt Ion:204 Resp: 154

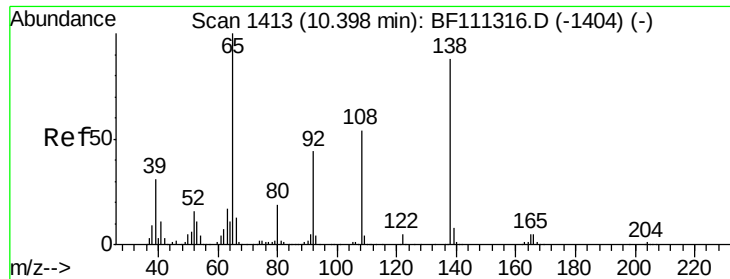
Ion Ratio Lower Upper

204 100

206 134.5 26.6 39.8#

141 632.0 52.6 78.8#





#62

4-Nitroaniline

Concen: 0.154 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

Instrument :

BNA_F

ClientSampleId :

P001-SW004-02

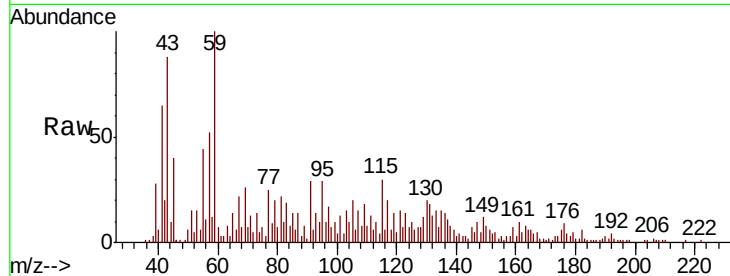
Tgt Ion:138 Resp: 1579

Ion Ratio Lower Upper

138 100

92 79.5 29.9 69.9#

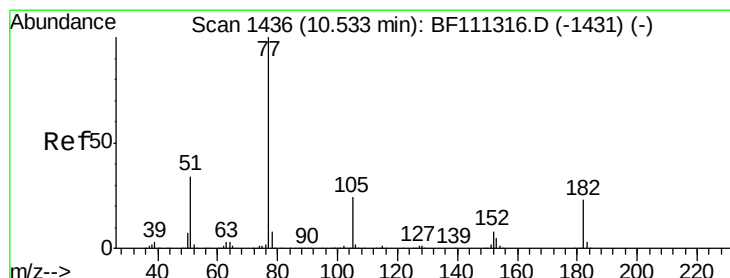
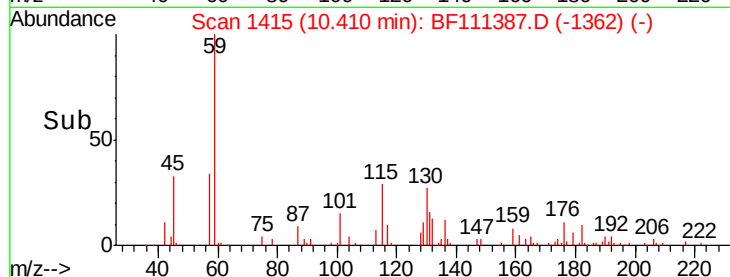
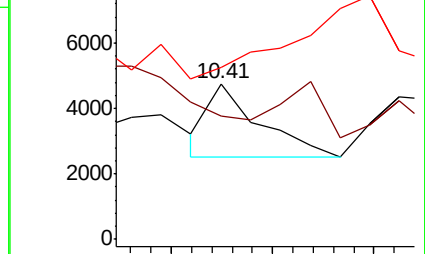
108 110.4 43.2 83.2#



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: 1.108 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

Tgt Ion: 77 Resp: 45059

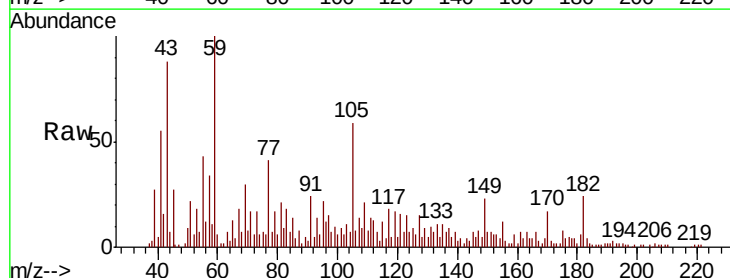
Ion Ratio Lower Upper

77 100

182 59.2 4.9 44.9#

105 146.7 6.0 46.0#

51 54.6 14.7 54.7

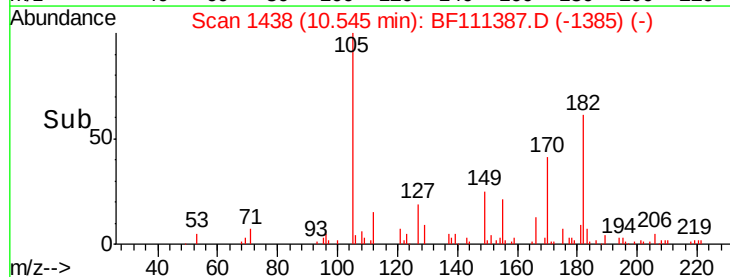
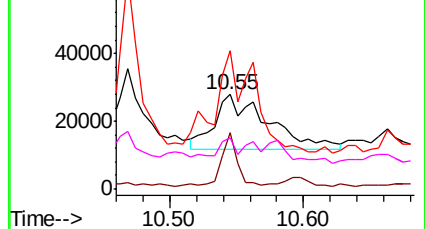


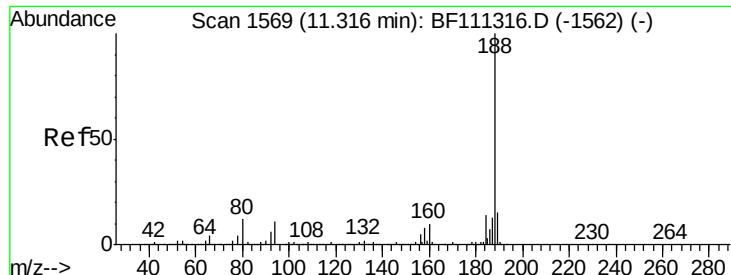
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

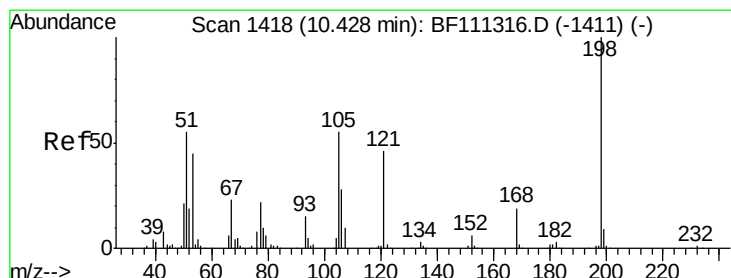
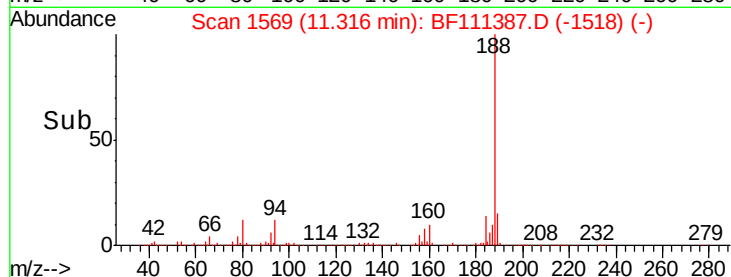
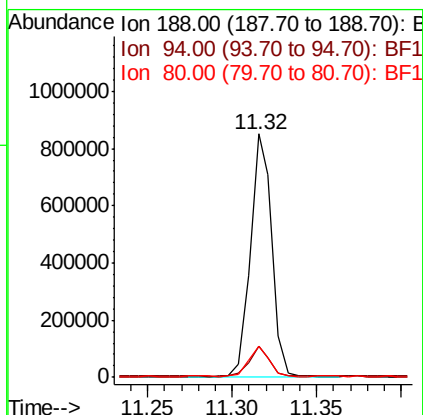
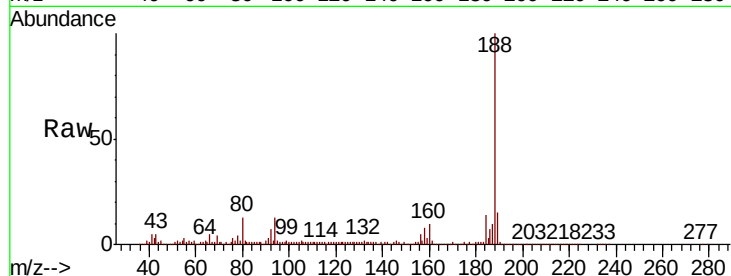




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

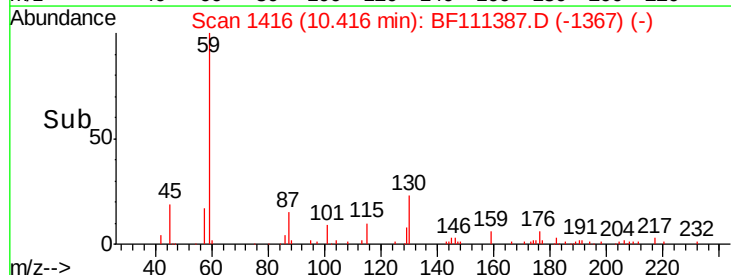
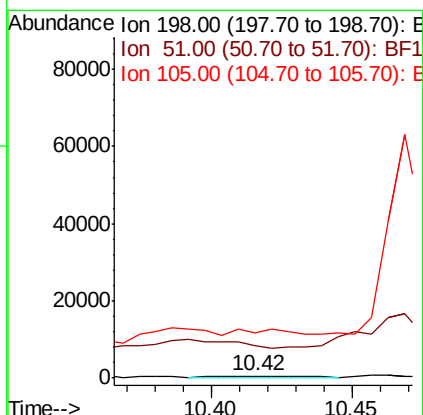
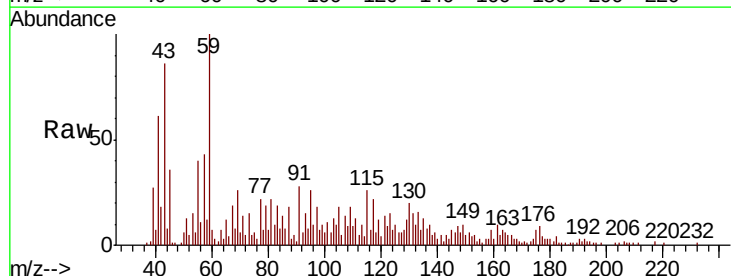
Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

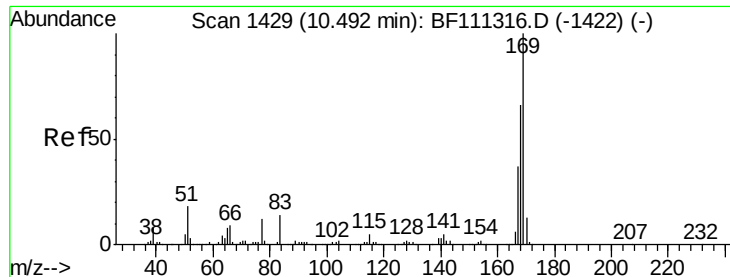
Tgt Ion:188 Resp: 753696
Ion Ratio Lower Upper
188 100
94 12.8 9.6 14.4
80 12.6 9.8 14.6



#65
4,6-Dinitro-2-methylphenol
Concen: 0.280 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:198 Resp: 1213
Ion Ratio Lower Upper
198 100
51 1741.1 48.0 88.0#
105 2440.9 34.0 74.0#

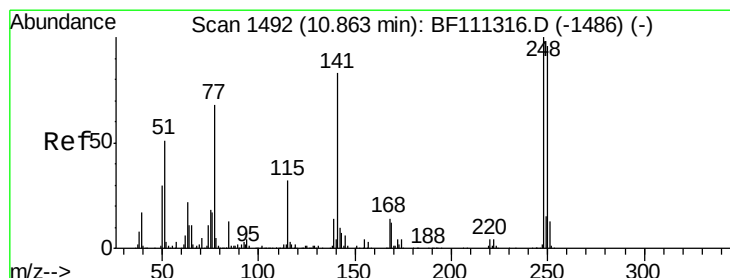
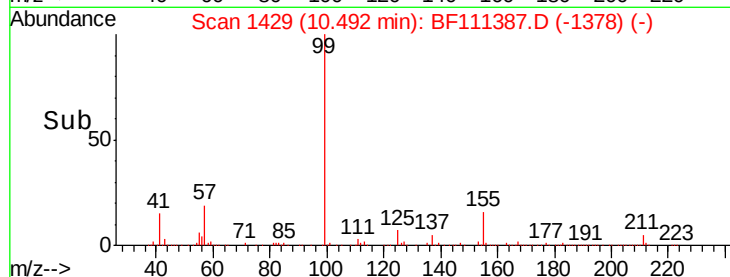
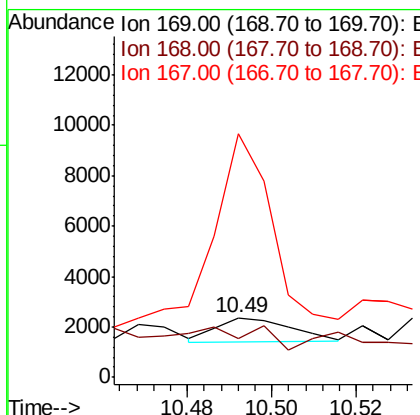
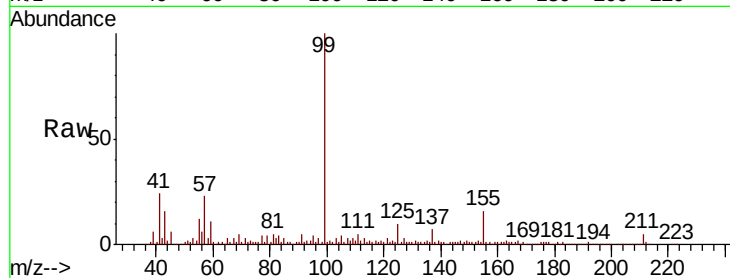




#66
 n-Nitrosodiphenylamine
 Concen: 0.042 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF111387.D
 Acq: 13 Dec 2018 23:16

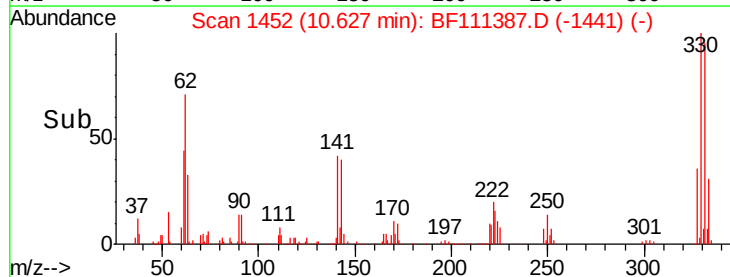
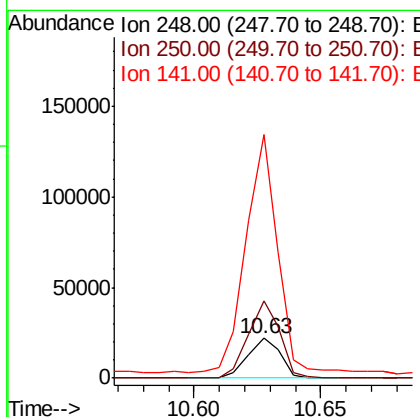
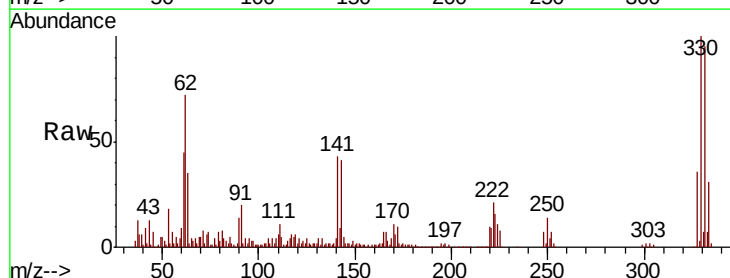
Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-02

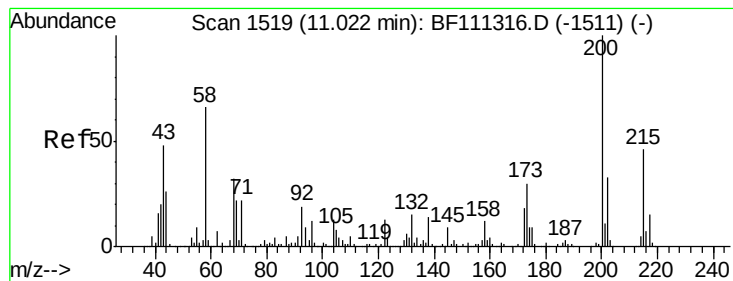
Tgt Ion:169 Resp: 1128
 Ion Ratio Lower Upper
 169 100
 168 64.7 54.4 81.6
 167 406.5 30.5 45.7#



#67
 4-Bromophenyl-phenylether
 Concen: 2.357 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF111387.D
 Acq: 13 Dec 2018 23:16

Tgt Ion:248 Resp: 19780
 Ion Ratio Lower Upper
 248 100
 250 193.8 77.0 115.4#
 141 610.2 63.0 94.6#





#69

Atrazine

Concen: 0.030 ng

RT: 11.00 min Scan# 1515

Delta R.T. -0.02 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

Instrument :

BNA_F

ClientSampleId :

P001-SW004-02

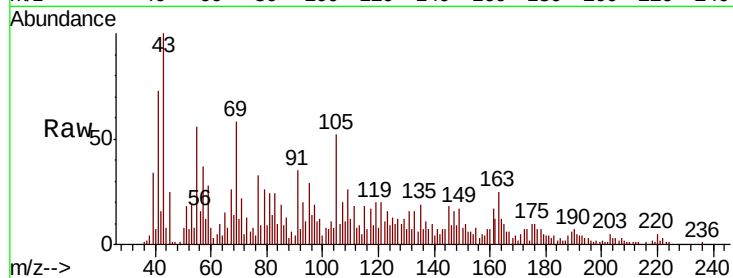
Tgt Ion:200 Resp: 236

Ion Ratio Lower Upper

200 100

173 401.3 10.1 50.1#

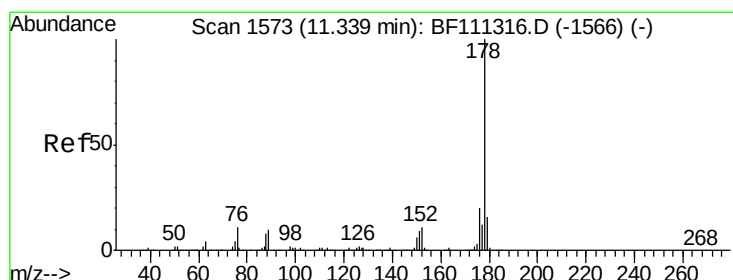
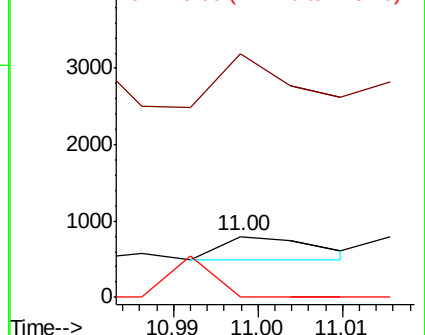
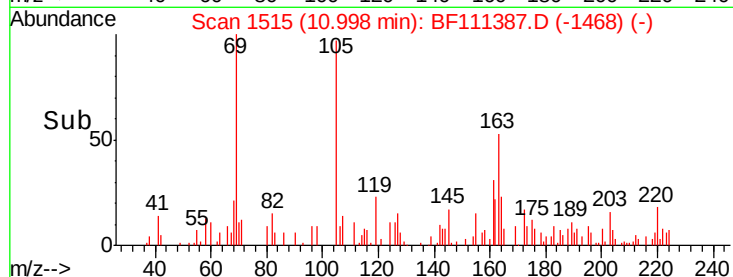
215 0.0 26.9 66.9#



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



#71

Phenanthrene

Concen: 0.153 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

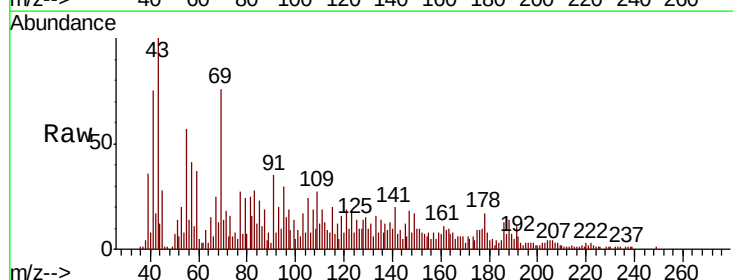
Tgt Ion:178 Resp: 5963

Ion Ratio Lower Upper

178 100

176 51.8 18.1 27.1#

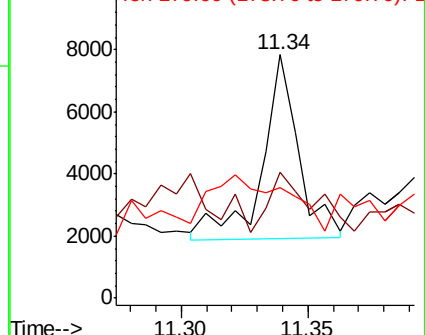
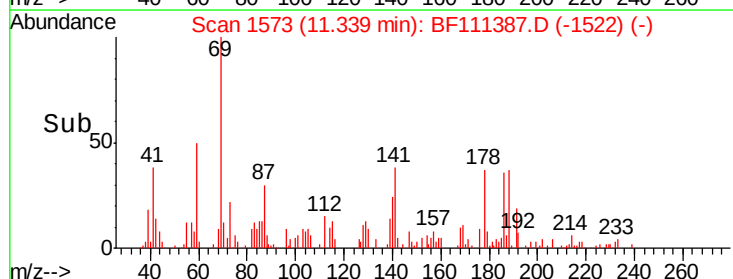
179 45.5 14.0 21.0#

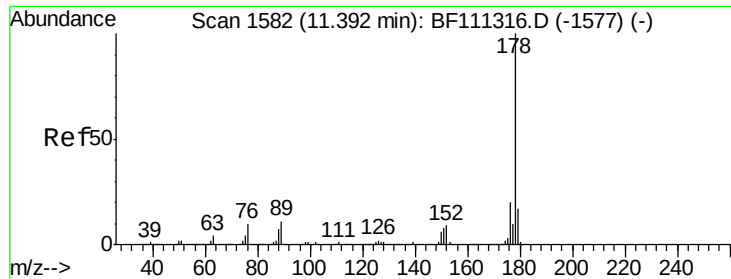


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.097 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

Instrument :

BNA_F

ClientSampleId :

P001-SW004-02

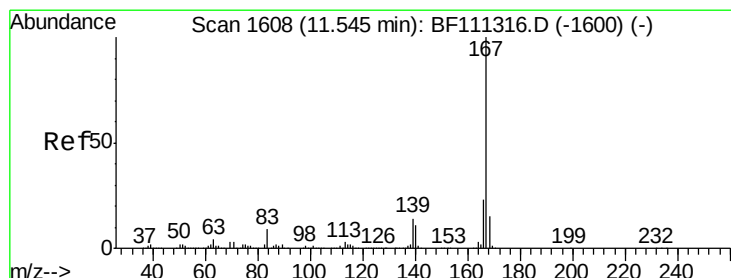
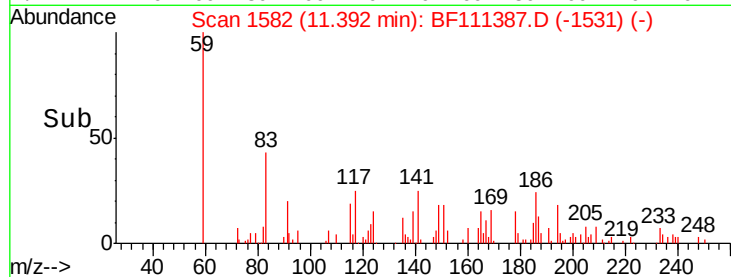
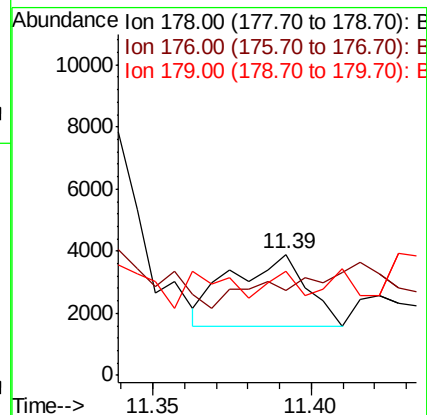
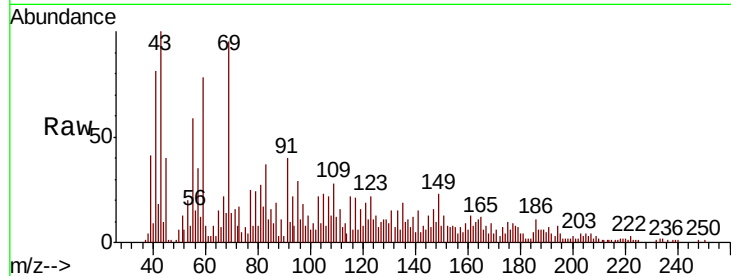
Tgt Ion:178 Resp: 3860

Ion Ratio Lower Upper

178 100

176 70.5 17.2 25.8#

179 86.7 13.8 20.8#



#73

Carbazole

Concen: 0.123 ng

RT: 11.55 min Scan# 1609

Delta R.T. 0.01 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

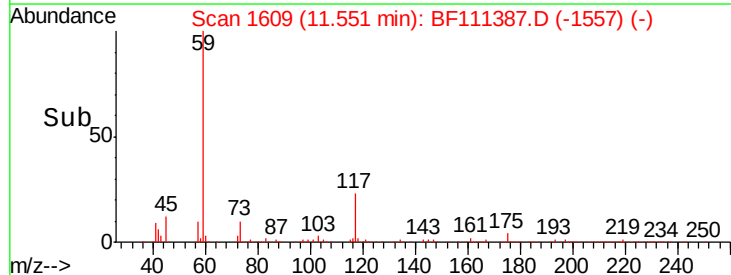
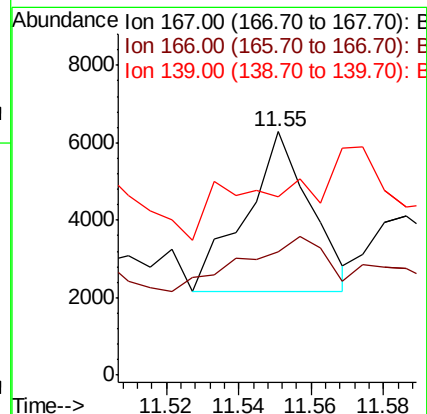
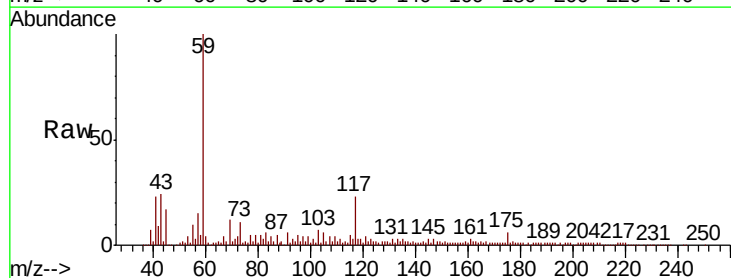
Tgt Ion:167 Resp: 5064

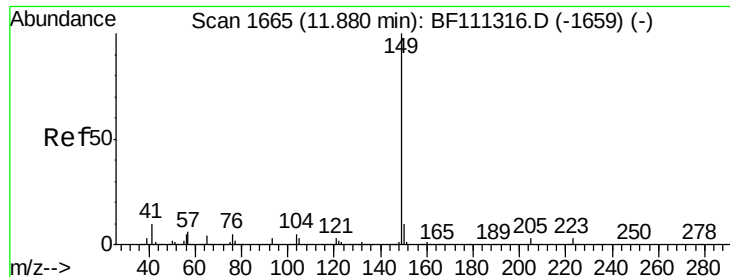
Ion Ratio Lower Upper

167 100

166 50.9 19.3 28.9#

139 73.1 11.9 17.9#

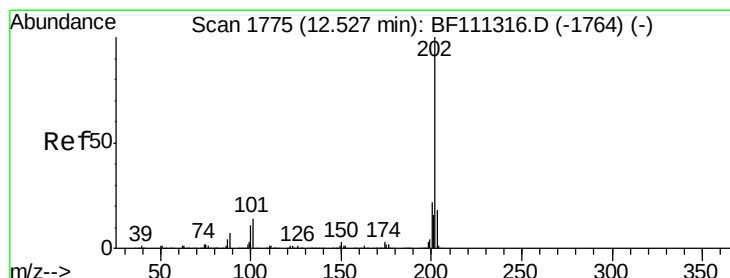
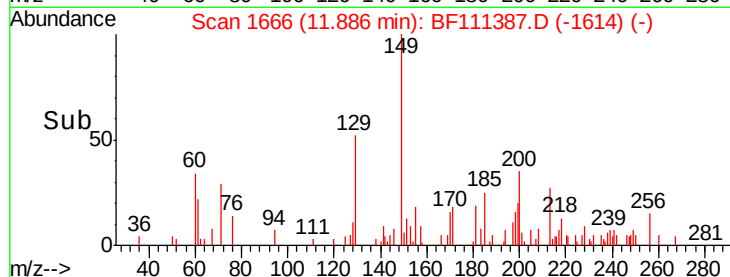
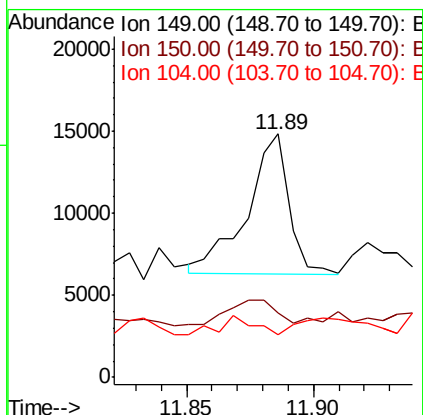
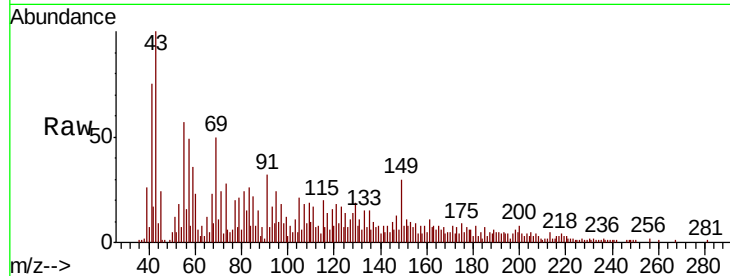




#74
Di-n-butylphthalate
Concen: 0.211 ng
RT: 11.89 min Scan# 1666
Delta R.T. 0.01 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

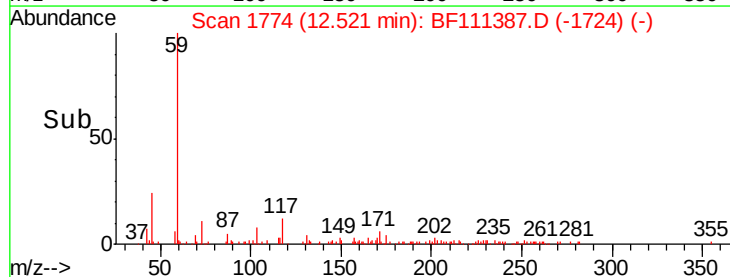
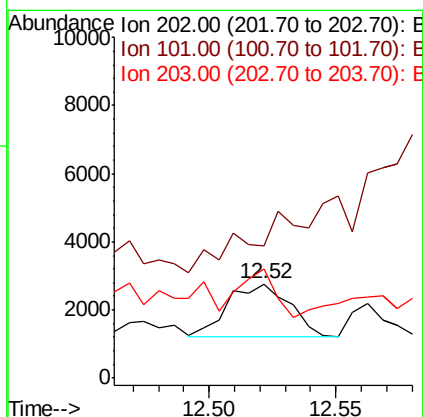
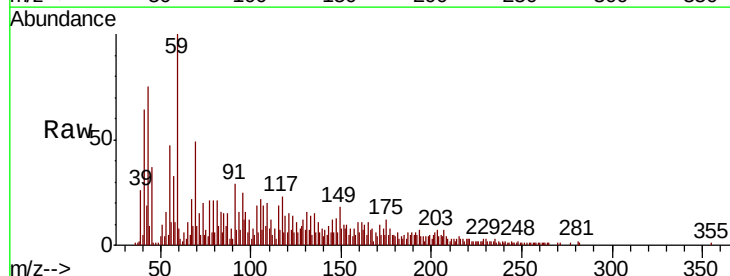
Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

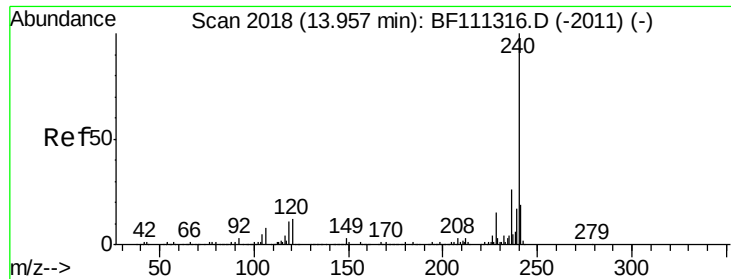
Tgt Ion:149 Resp: 9861
Ion Ratio Lower Upper
149 100
150 26.6 8.8 13.2#
104 17.8 4.5 6.7#



#75
Fluoranthene
Concen: 0.069 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:202 Resp: 2643
Ion Ratio Lower Upper
202 100
101 140.6 0.0 33.8#
203 116.8 0.0 38.6#

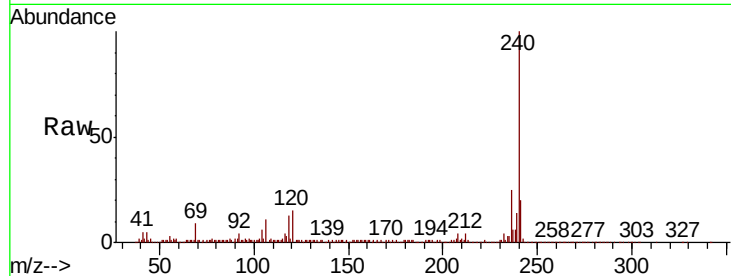




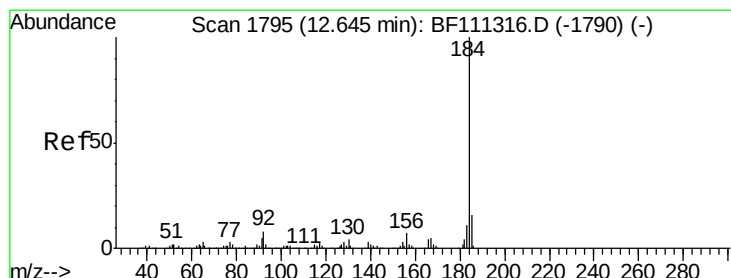
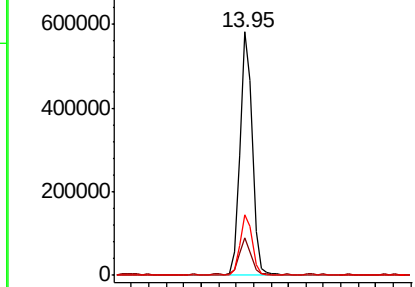
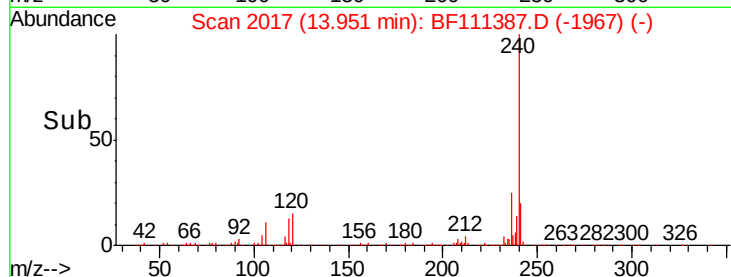
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

Tgt Ion:240 Resp: 539377
Ion Ratio Lower Upper
240 100
120 15.3 12.2 18.2
236 24.8 20.2 30.2

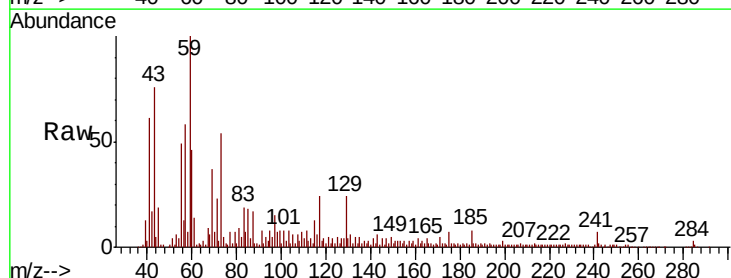


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

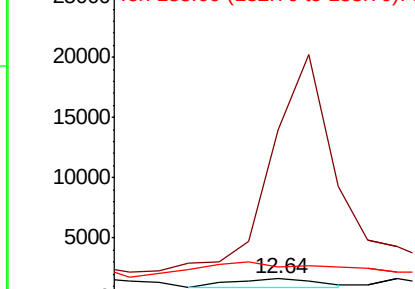
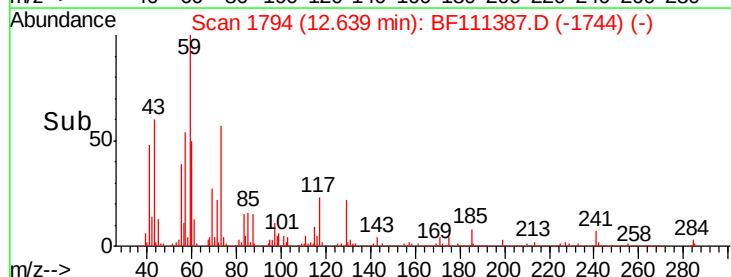


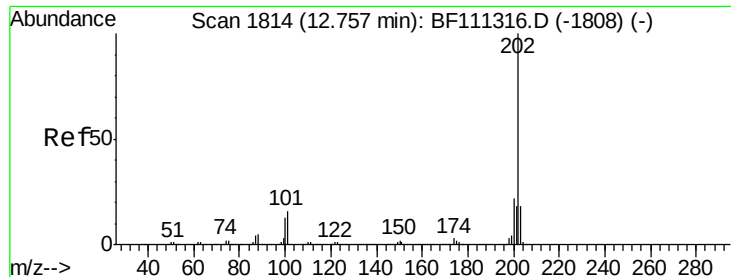
#77
Benzidine
Concen: 0.077 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:184 Resp: 787
Ion Ratio Lower Upper
184 100
185 872.0 13.0 19.6#
183 162.5 9.3 13.9#



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





#78

Pyrene

Concen: 0.065 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

Instrument :

BNA_F

ClientSampleId :

P001-SW004-02

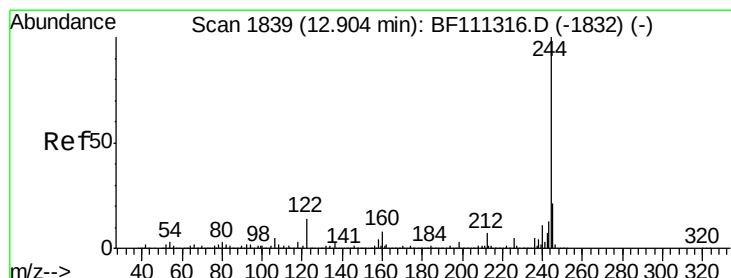
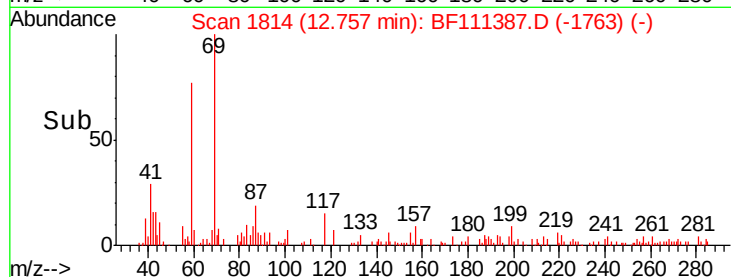
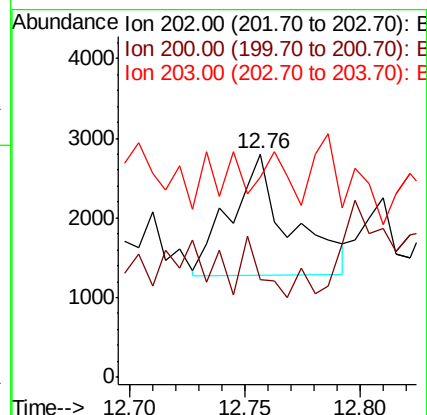
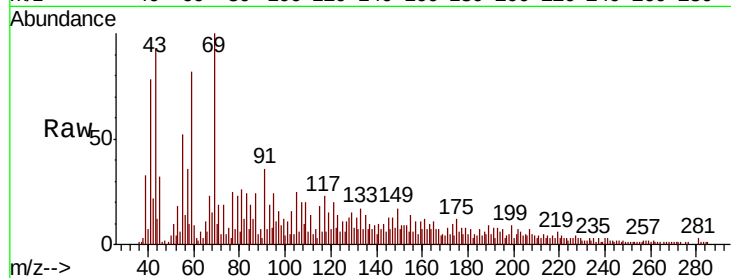
Tgt Ion:202 Resp: 2706

Ion Ratio Lower Upper

202 100

200 43.5 19.0 28.4#

203 89.9 15.2 22.8#



#79

Terphenyl-d14

Concen: 41.218 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

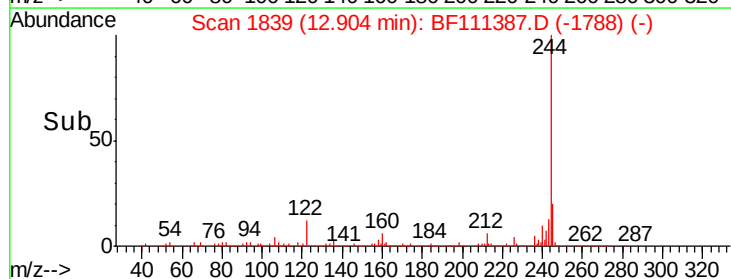
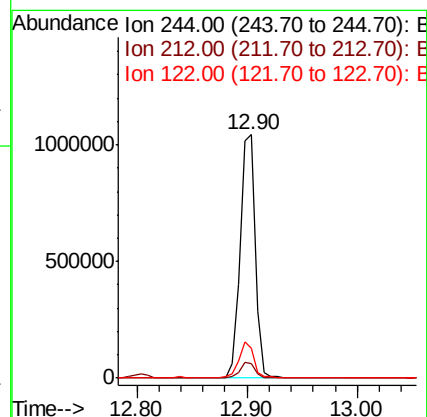
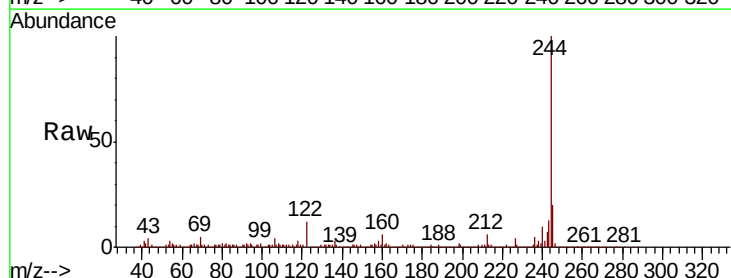
Tgt Ion:244 Resp: 1010109

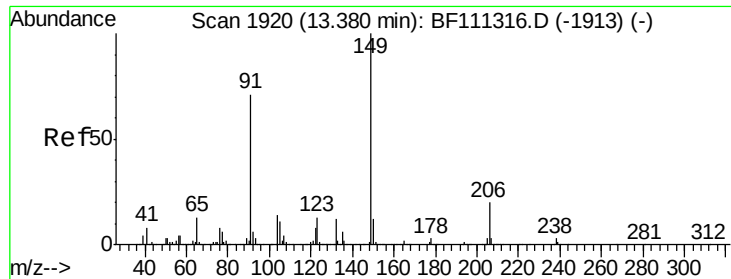
Ion Ratio Lower Upper

244 100

212 6.2 5.7 8.5

122 12.4 13.1 19.7#

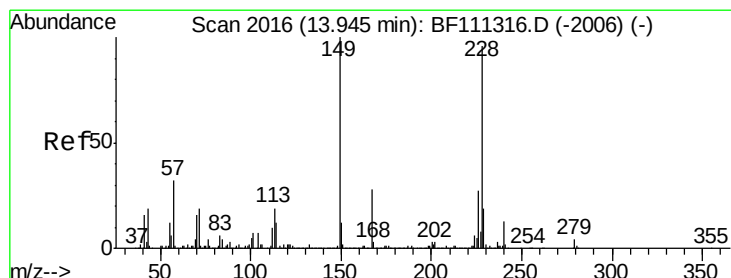
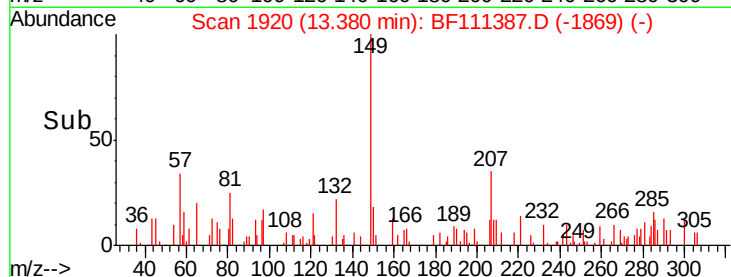
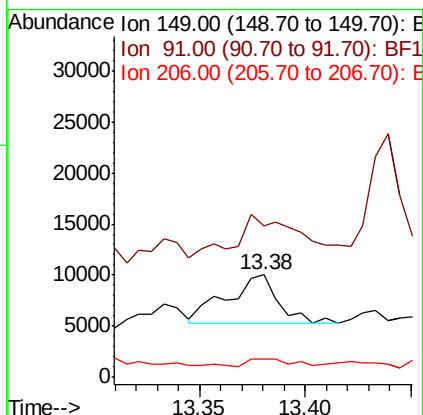
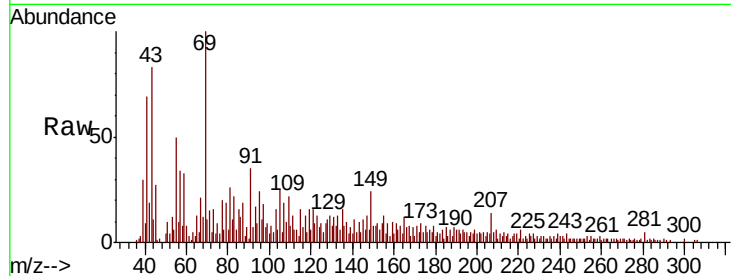




#80
Butylbenzylphthalate
Concen: 0.401 ng
RT: 13.38 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

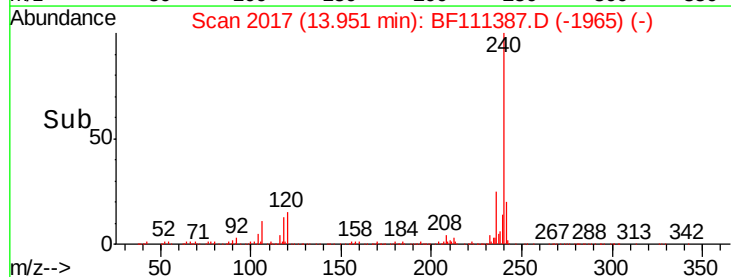
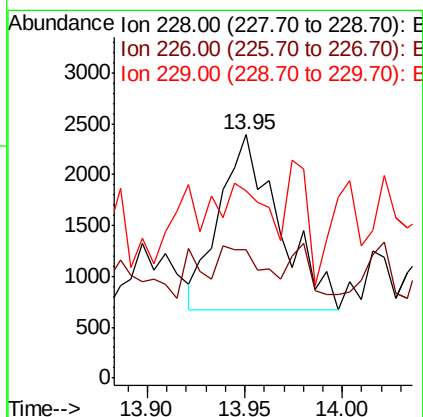
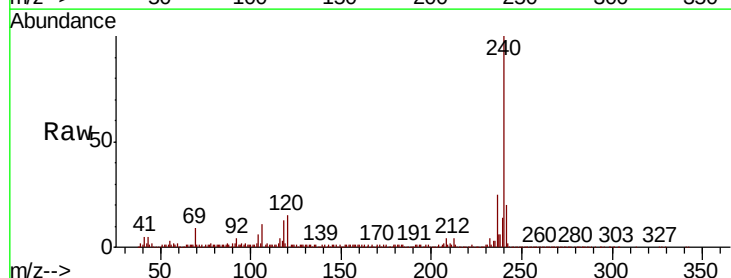
Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

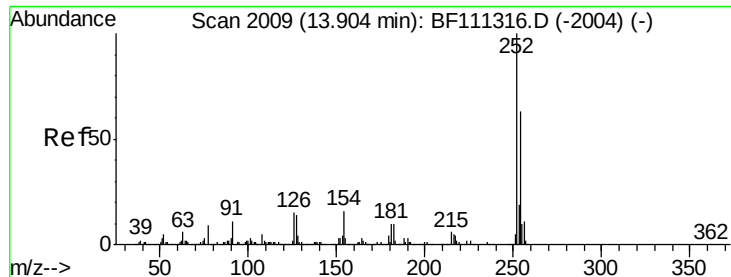
Tgt Ion:149 Resp: 8023
Ion Ratio Lower Upper
149 100
91 147.8 63.8 95.6#
206 18.5 15.1 22.7



#81
Benzo(a)anthracene
Concen: 0.121 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:228 Resp: 3658
Ion Ratio Lower Upper
228 100
226 52.8 22.6 34.0#
229 76.7 16.3 24.5#





#82

3,3'-Dichlorobenzidine

Concen: 0.077 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

Instrument :

BNA_F

ClientSampleId :

P001-SW004-02

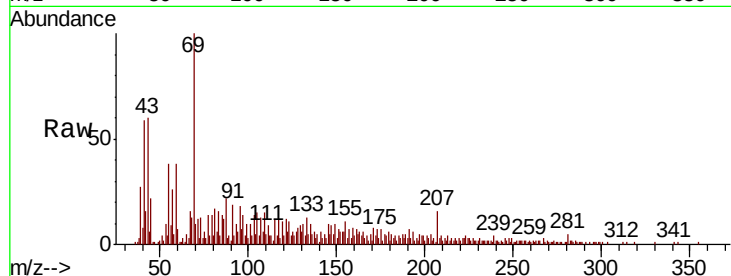
Tgt Ion:252 Resp: 875

Ion Ratio Lower Upper

252 100

254 94.0 52.7 79.1#

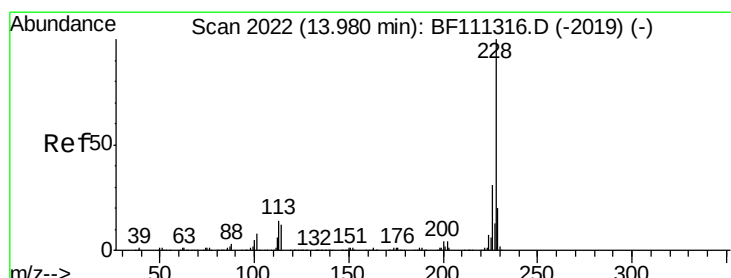
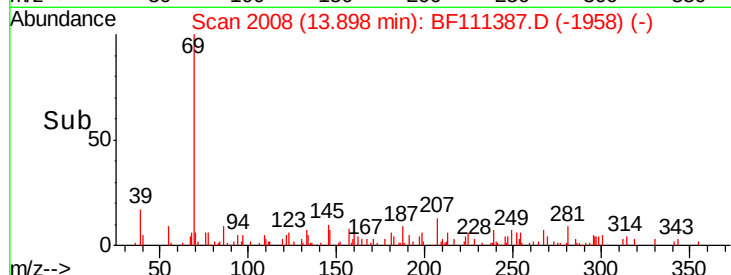
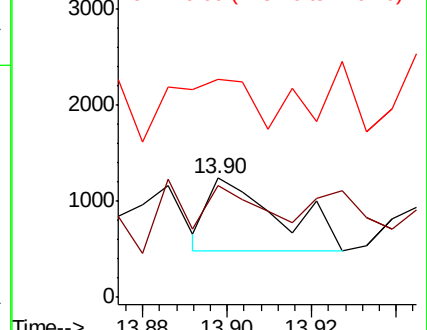
126 183.8 11.1 16.7#



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: 0.119 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.03 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

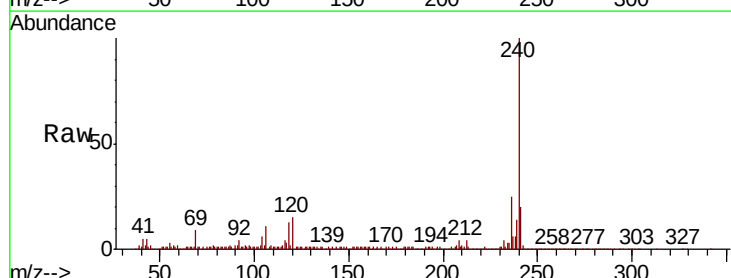
Tgt Ion:228 Resp: 3658

Ion Ratio Lower Upper

228 100

226 52.8 25.3 37.9#

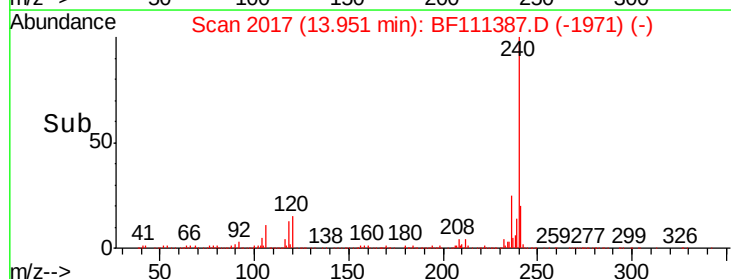
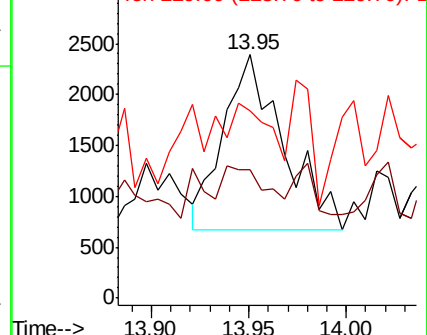
229 76.7 17.2 25.8#

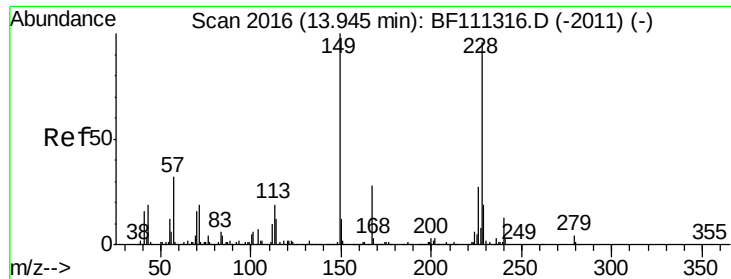


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

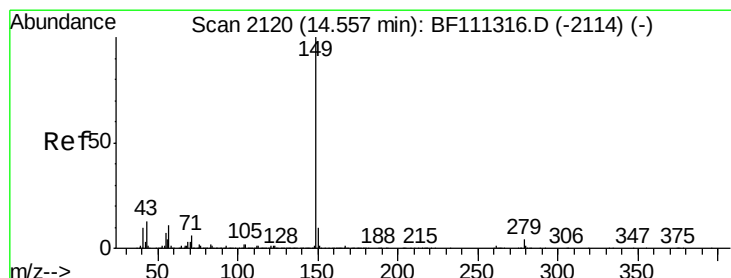
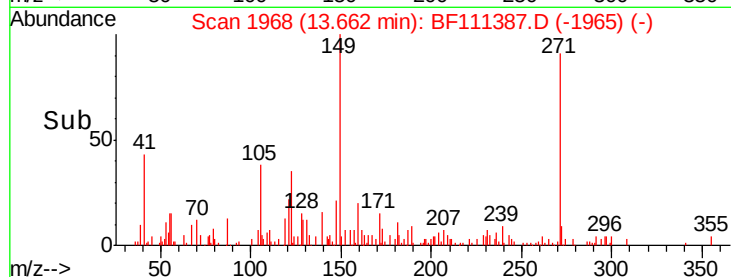
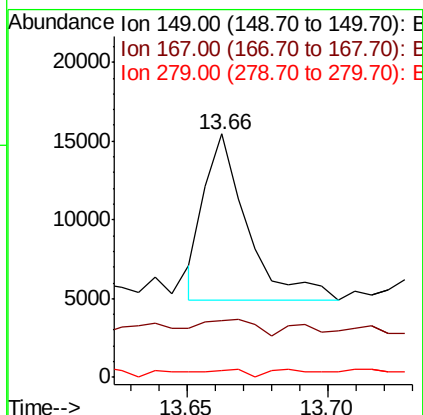
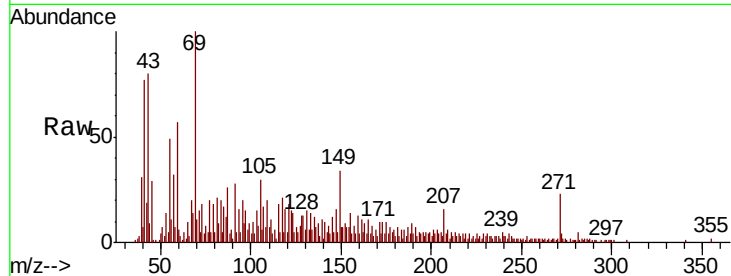




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.458 ng
 RT: 13.66 min Scan# 1968
 Delta R.T. -0.28 min
 Lab File: BF111387.D
 Acq: 13 Dec 2018 23:16

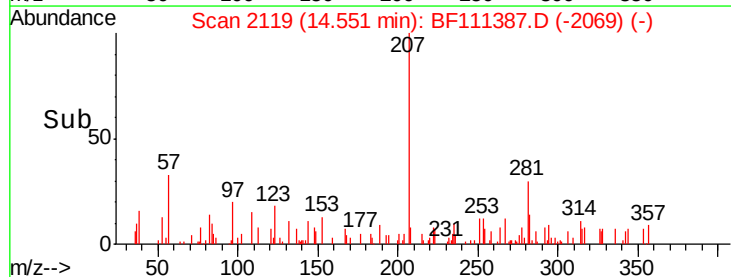
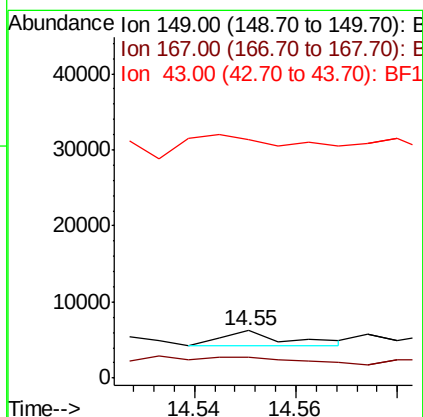
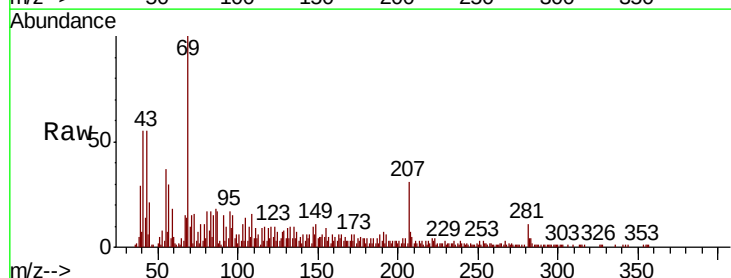
Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-02

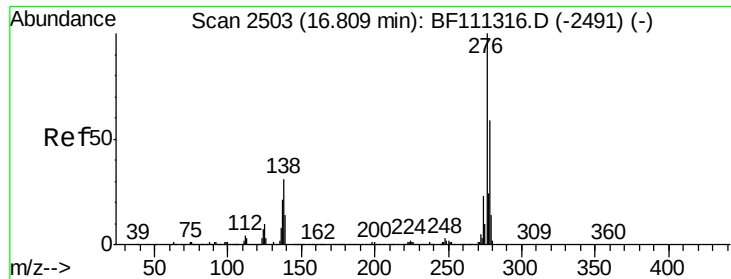
Tgt Ion:149 Resp: 11192
 Ion Ratio Lower Upper
 149 100
 167 23.4 22.5 33.7
 279 2.7 2.6 4.0



#85
 Di-n-octyl phthalate
 Concen: 0.046 ng
 RT: 14.55 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BF111387.D
 Acq: 13 Dec 2018 23:16

Tgt Ion:149 Resp: 1830
 Ion Ratio Lower Upper
 149 100
 167 114.8 1.3 1.9#
 43 260.1 10.9 16.3#

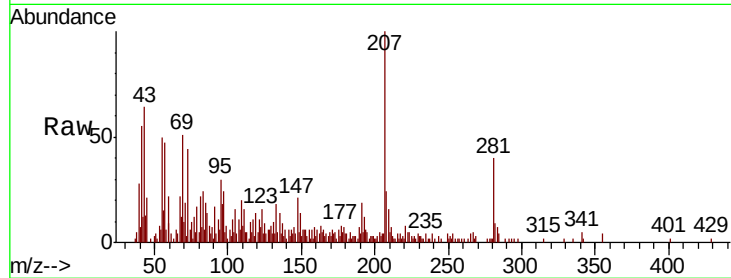




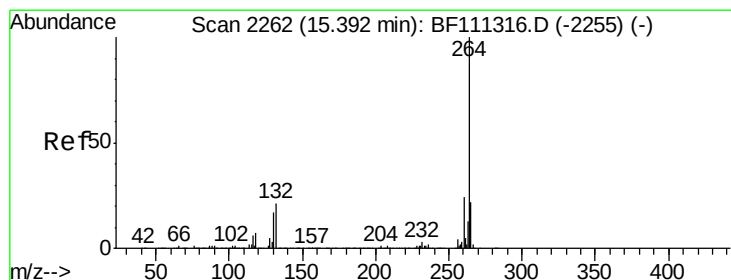
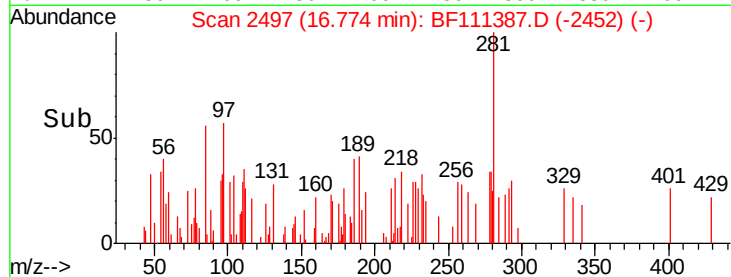
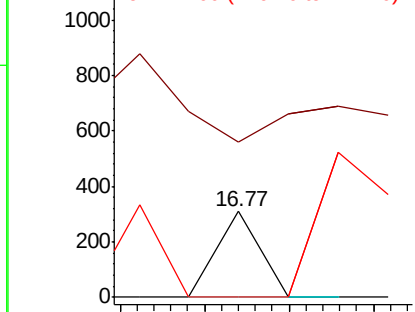
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.005 ng
 RT: 16.77 min Scan# 2497
 Delta R.T. -0.04 min
 Lab File: BF111387.D
 Acq: 13 Dec 2018 23:16

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-02

Tgt Ion: 276 Resp: 109
 Ion Ratio Lower Upper
 276 100
 138 0.0 27.8 41.6#
 277 512.8 20.1 30.1#

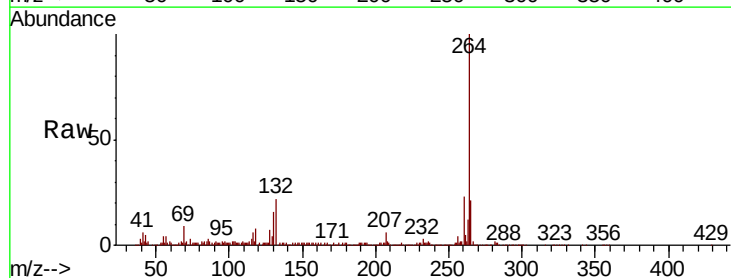


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

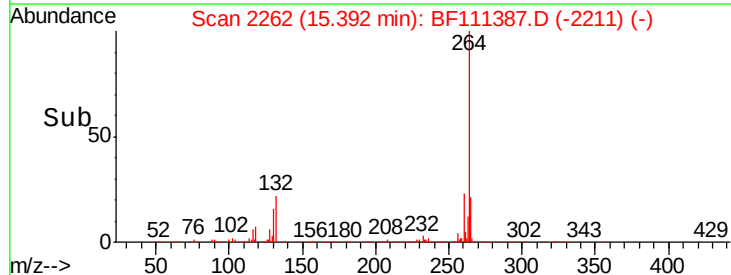
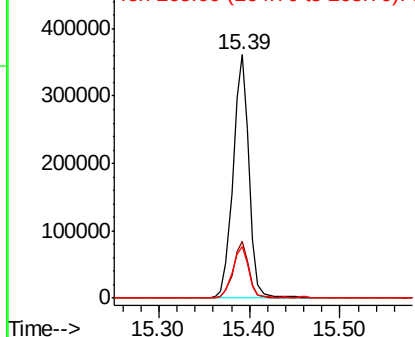


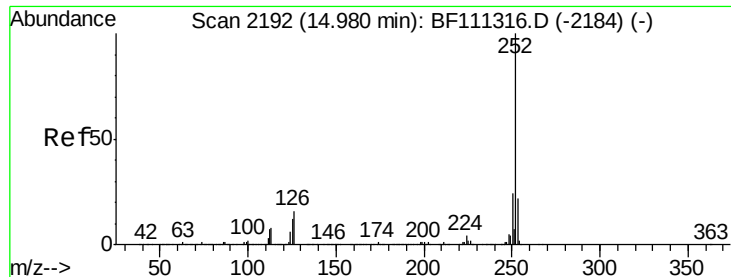
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BF111387.D
 Acq: 13 Dec 2018 23:16

Tgt Ion: 264 Resp: 446637
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.3 27.5
 265 21.0 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

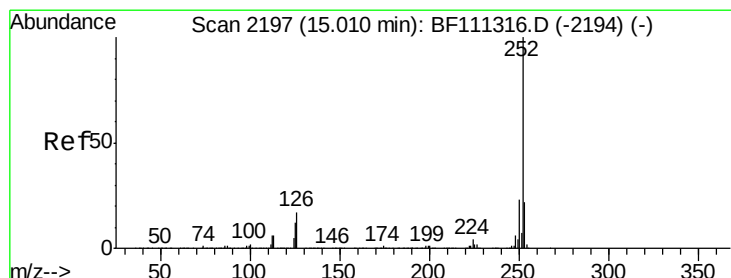
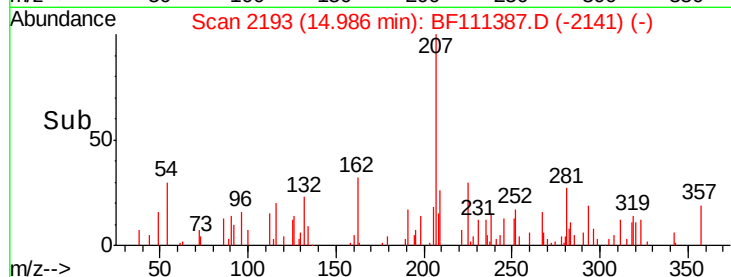
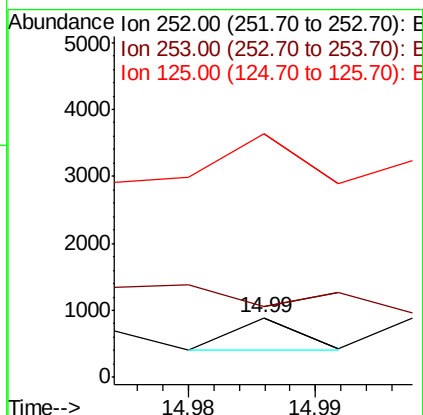
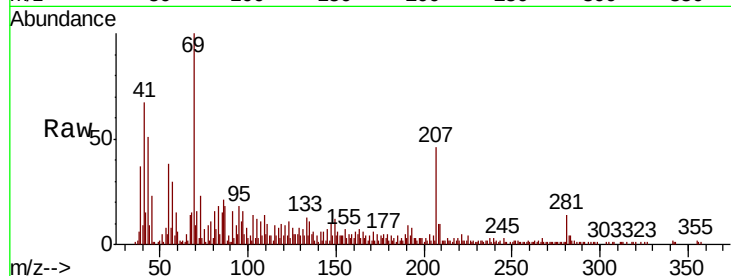




#88
Benzo(b)fluoranthene
Concen: 0.007 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

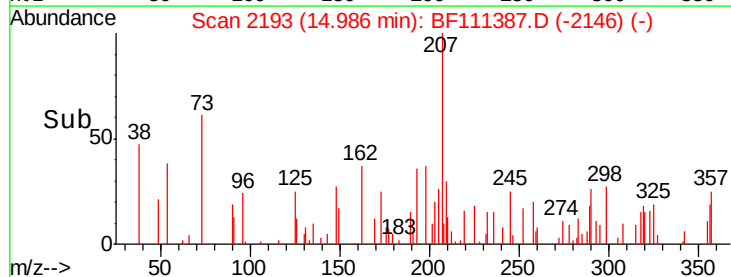
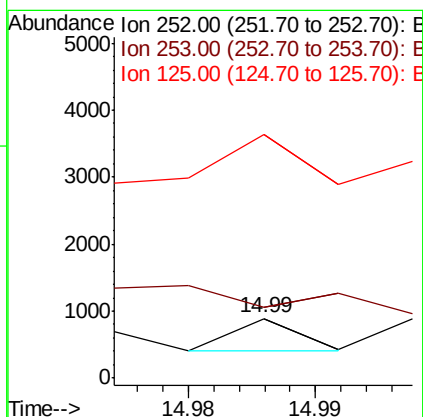
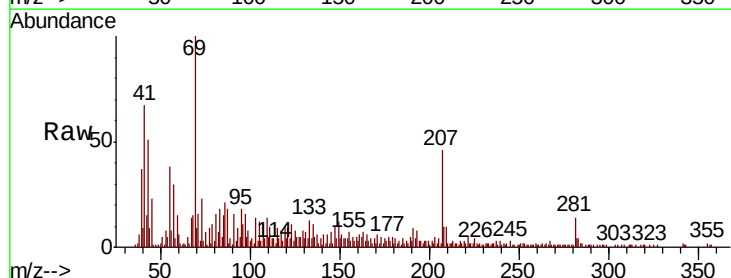
Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

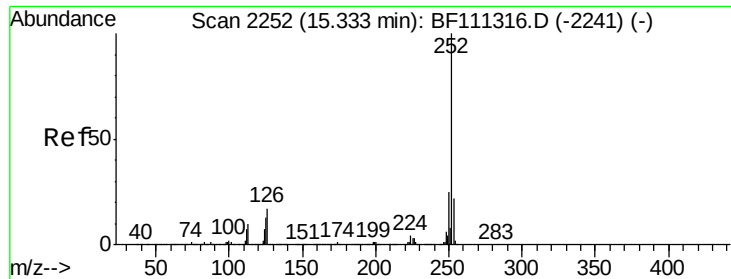
Tgt Ion:252 Resp: 171
Ion Ratio Lower Upper
252 100
253 117.4 18.2 27.2#
125 406.9 10.4 15.6#



#89
Benzo(k)fluoranthene
Concen: 0.007 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:252 Resp: 171
Ion Ratio Lower Upper
252 100
253 117.4 18.1 27.1#
125 406.9 9.8 14.8#





#90

Benzo(a)pyrene

Concen: 0.021 ng

RT: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

Instrument :

BNA_F

ClientSampleId :

P001-SW004-02

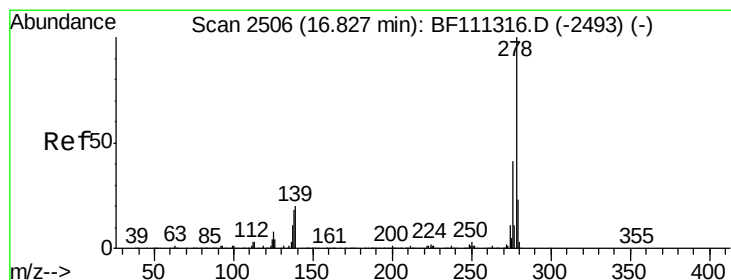
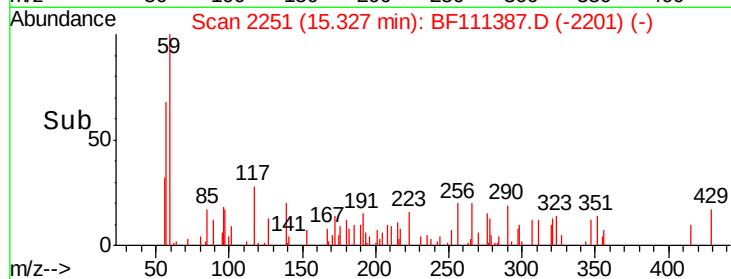
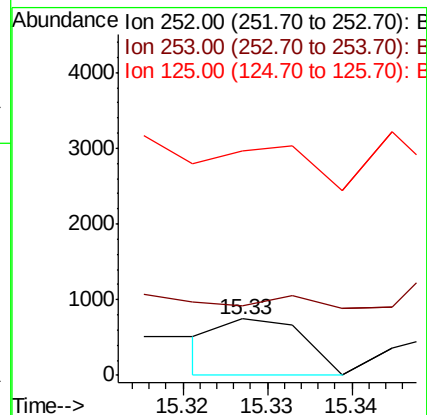
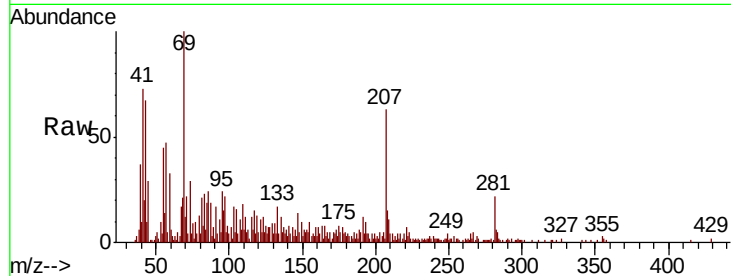
Tgt Ion:252 Resp: 501

Ion Ratio Lower Upper

252 100

253 122.9 17.8 26.8#

125 396.5 12.3 18.5#



#91

Dibenzo(a,h)anthracene

Concen: 0.006 ng

RT: 16.82 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

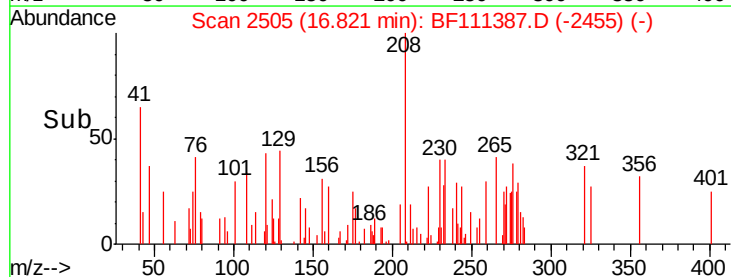
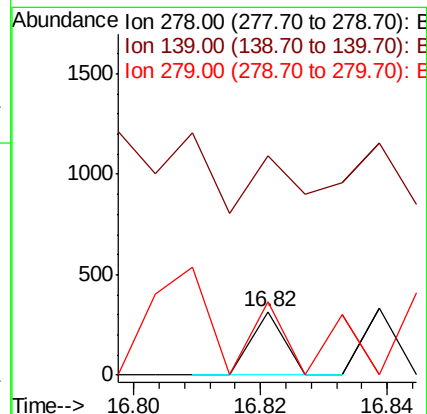
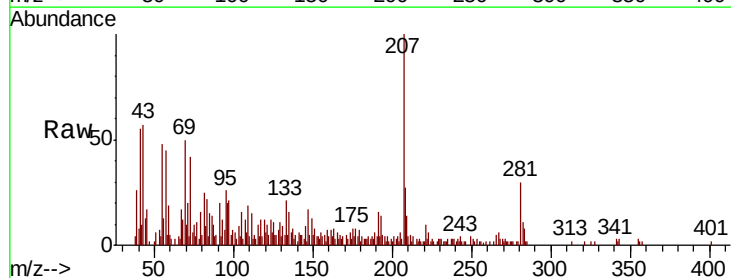
Tgt Ion:278 Resp: 112

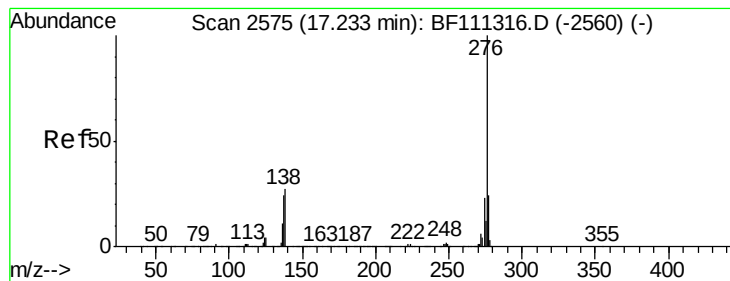
Ion Ratio Lower Upper

278 100

139 344.6 18.2 27.4#

279 114.9 19.0 28.6#





#92

Benzo(g,h,i)perylene

Concen: 0.013 ng

RT: 17.23 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BF111387.D

Acq: 13 Dec 2018 23:16

Instrument :

BNA_F

ClientSampleId :

P001-SW004-02

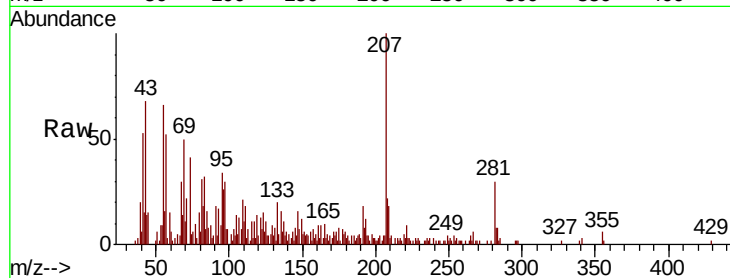
Tgt Ion: 276 Resp: 253

Ion Ratio Lower Upper

276 100

277 0.0 19.2 28.8#

138 212.6 24.9 37.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

