

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
 Data File : BF111385.D
 Acq On : 13 Dec 2018 22:21
 Operator : JU/SJ
 Sample : J6305-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MS

Quant Time: Dec 13 23:19:39 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	288806	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1190567	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	472705	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	663315	20.00	ng	0.00
76) Chrysene-d12	13.96	240	388090	20.00	ng	0.00
87) Perylene-d12	15.39	264	328421	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	778547	45.59	ng	0.02
7) Phenol-d6	6.47	99	598194	25.98	ng	0.04
23) Nitrobenzene-d5	7.36	82	1244707	58.93	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	284209	68.21	ng	0.01
45) 2-Fluorobiphenyl	9.16	172	1723676	58.54	ng	0.00
79) Terphenyl-d14	12.90	244	973695	55.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	128563	15.070	ng	# 89
3) Pyridine	3.32	79	279820	13.352	ng	98
4) n-Nitrosodimethylamine	3.21	42	137190	14.033	ng	93
6) Aniline	6.46	93	340167	12.211	ng	# 1
8) 2-Chlorophenol	6.60	128	445081	21.202	ng	96
9) Benzaldehyde	6.34	77	196456	12.088	ng	99
10) Phenol	6.49	94	5789395	221.948	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	506746	24.694	ng	99
12) 1,3-Dichlorobenzene	6.74	146	517830	22.787	ng	99
13) 1,4-Dichlorobenzene	6.82	146	502283	21.834	ng	98
14) 1,2-Dichlorobenzene	6.97	146	470357	22.101	ng	96
15) Benzyl Alcohol	6.96	79	325801	18.477	ng	94
17) 2-Methylphenol	7.09	107	892783	52.633	ng	96
18) Hexachloroethane	7.31	117	181605	21.264	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	419439	27.412	ng	98
20) 3+4-Methylphenols	7.25	107	1288540	63.699	ng	# 61
22) Acetophenone	7.21	105	991513	35.853	ng	# 85
24) Nitrobenzene	7.38	77	577537	26.544	ng	98
25) Isophorone	7.63	82	994639	27.721	ng	# 98
26) 2-Nitrophenol	7.70	139	253283	23.683	ng	98
27) 2,4-Dimethylphenol	7.75	122	551272	33.957	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	625988	25.418	ng	99
29) 2,4-Dichlorophenol	7.96	162	477785	28.213	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	392177	22.538	ng	99
31) Naphthalene	8.10	128	1587125	28.613	ng	97
32) Benzoic acid	8.05	122	2088927	154.787	ng	99
34) Hexachlorobutadiene	8.22	225	219940	22.784	ng	97
35) Caprolactam	8.66	113	1142636	192.556	ng	96
36) 4-Chloro-3-methylphenol	8.68	107	367196	20.347	ng	# 79
37) 2-Methylnaphthalene	8.79	142	935077	26.078	ng	99
38) 1-Methylnaphthalene	8.89	142	847570	24.491	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	351338	26.442	ng	99
41) Hexachlorocyclopentadiene	8.95	237	106381	15.333	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	232651	24.463	ng	100

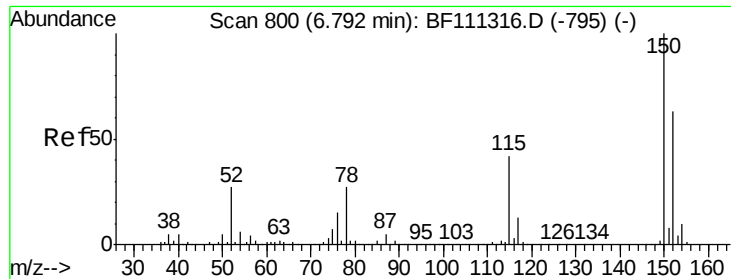
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.17	196	221391	22.027	ng	94
46) 1,1'-Biphenyl	9.26	154	1051761	26.077	ng	96
47) 2-Chloronaphthalene	9.28	162	803840	26.024	ng	98
48) 2-Nitroaniline	9.39	65	242585	24.169	ng	94
49) Acenaphthylene	9.70	152	1210030	26.814	ng	95
50) Dimethylphthalate	9.56	163	1046206	30.777	ng	100
51) 2,6-Dinitrotoluene	9.62	165	178943	23.748	ng	94
52) Acenaphthene	9.87	154	682283	23.971	ng	98
53) 3-Nitroaniline	9.80	138	91923	10.150	ng	# 98
54) 2,4-Dinitrophenol	9.90	184	23620	7.990	ng	# 66
55) Dibenzofuran	10.04	168	1013806	24.673	ng	96
56) 4-Nitrophenol	10.00	139	108017	16.561	ng	94
57) 2,4-Dinitrotoluene	10.02	165	215197	22.284	ng	# 96
58) Fluorene	10.38	166	751641	25.571	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	173683	22.369	ng	# 97
60) Diethylphthalate	10.26	149	817576	23.890	ng	97
61) 4-Chlorophenyl-phenylether	10.37	204	335158	23.000	ng	98
62) 4-Nitroaniline	10.40	138	133741	15.363	ng	97
63) Azobenzene	10.53	77	821263	23.801	ng	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	20795	5.461	ng	# 46
66) n-Nitrosodiphenylamine	10.49	169	639491	27.102	ng	97
67) 4-Bromophenyl-phenylether	10.86	248	187777	25.429	ng	97
68) Hexachlorobenzene	10.93	284	188769	24.826	ng	97
69) Atrazine	11.05	200	128683	18.856	ng	99
70) Pentachlorophenol	11.13	266	204855	40.485	ng	97
71) Phenanthrene	11.35	178	910708	26.563	ng	94
72) Anthracene	11.39	178	920286	26.361	ng	95
73) Carbazole	11.55	167	825995	22.883	ng	95
74) Di-n-butylphthalate	11.89	149	1078554	26.242	ng	96
75) Fluoranthene	12.53	202	836962	25.006	ng	99
78) Pyrene	12.76	202	855197	28.553	ng	96
80) Butylbenzylphthalate	13.38	149	407999	28.371	ng	93
81) Benzo(a)anthracene	13.94	228	557782	25.687	ng	98
83) Chrysene	13.98	228	561668	25.353	ng	96
84) Bis(2-ethylhexyl)phthalate	13.94	149	480669	27.341	ng	99
85) Di-n-octyl phthalate	14.55	149	797806	27.637	ng	97
86) Indeno(1,2,3-cd)pyrene	16.80	276	492159	28.404	ng	98
88) Benzo(b)fluoranthene	14.97	252	515996	27.630	ng	98
89) Benzo(k)fluoranthene	15.00	252	457826	24.560	ng	99
90) Benzo(a)pyrene	15.33	252	443156	25.486	ng	98
91) Dibenzo(a,h)anthracene	16.82	278	412975	28.546	ng	97
92) Benzo(g,h,i)perylene	17.23	276	403420	27.891	ng	97

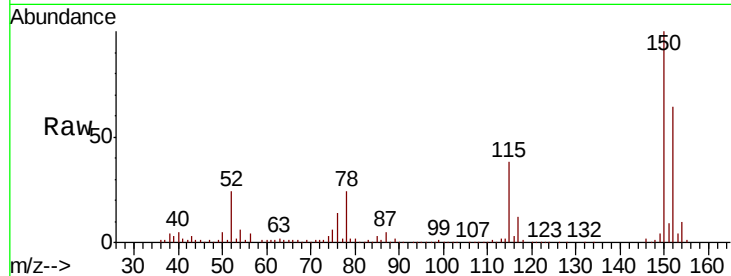
(#) = qualifier out of range (m) = manual integration (+) = signals summed



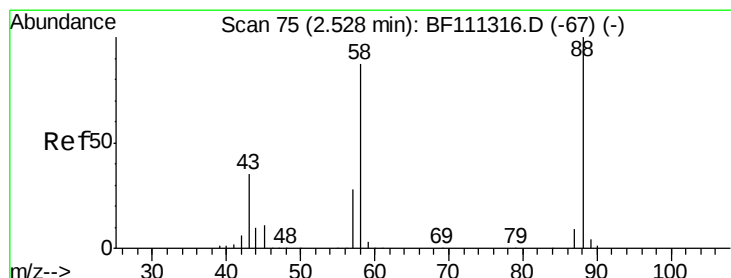
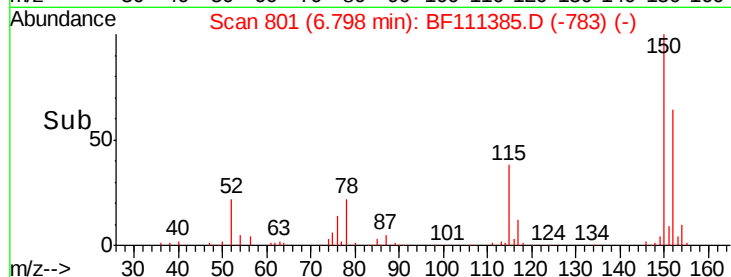
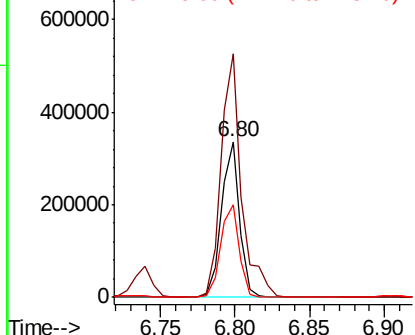
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MS

Tgt Ion: 152 Resp: 288806
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.6 189.8
 115 59.6 50.7 76.1

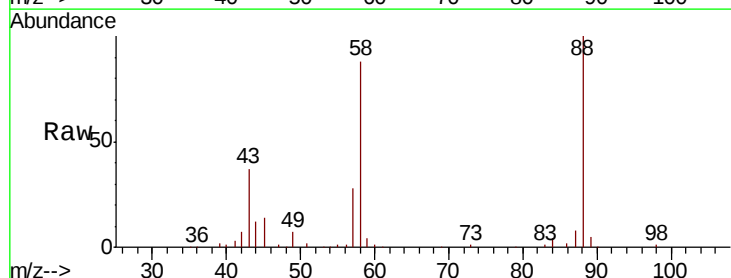


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

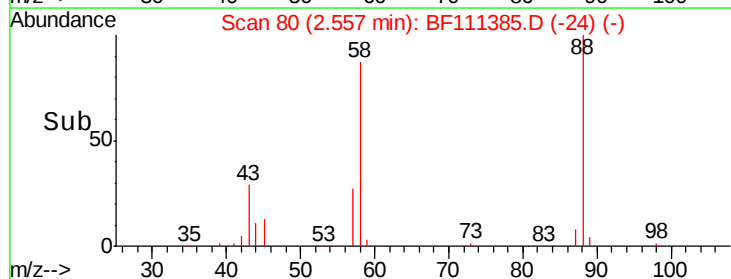
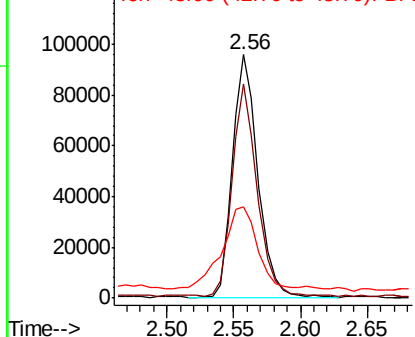


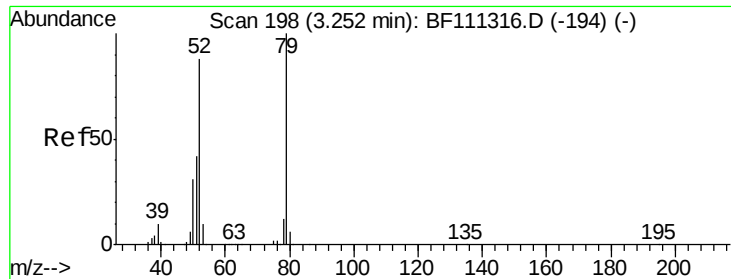
#2
 1,4-Dioxane
 Concen: 15.070 ng
 RT: 2.56 min Scan# 80
 Delta R.T. 0.03 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Tgt Ion: 88 Resp: 128563
 Ion Ratio Lower Upper
 88 100
 58 84.0 68.9 103.3
 43 51.6 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: 13.352 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.06 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MS

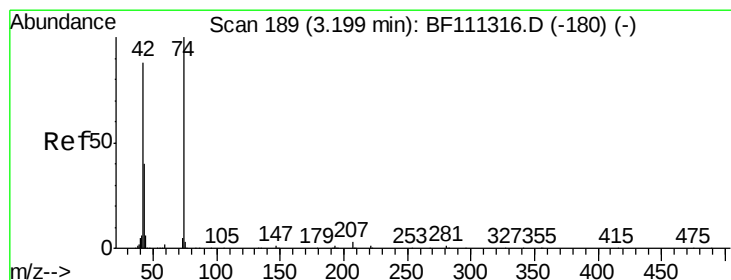
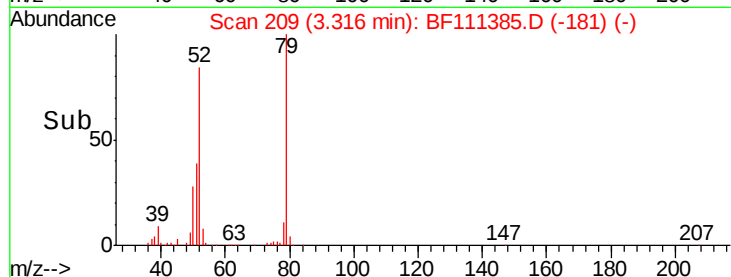
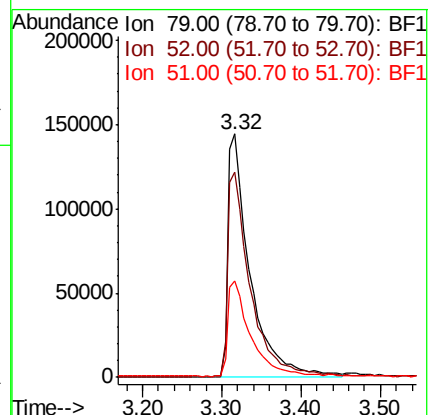
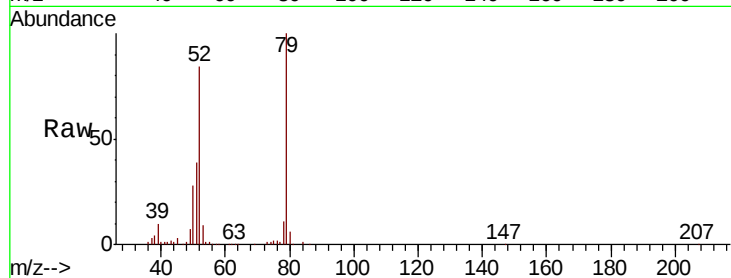
Tgt Ion: 79 Resp: 279820

Ion Ratio Lower Upper

79 100

52 84.1 68.3 102.5

51 39.4 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 14.033 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.01 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

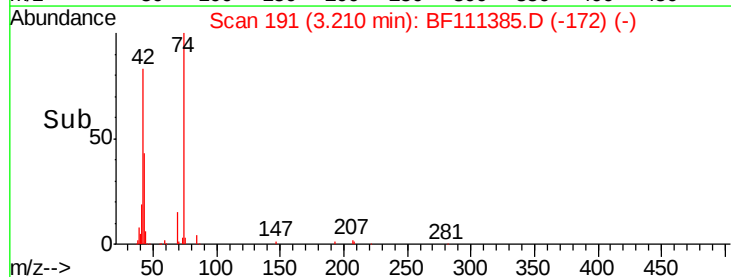
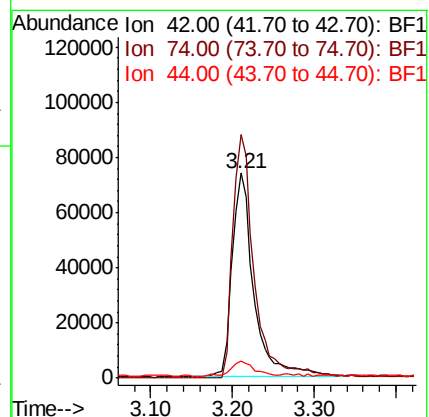
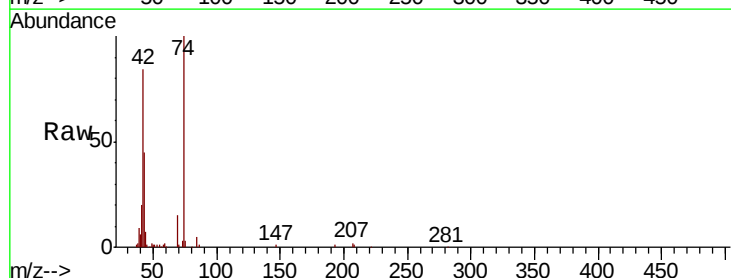
Tgt Ion: 42 Resp: 137190

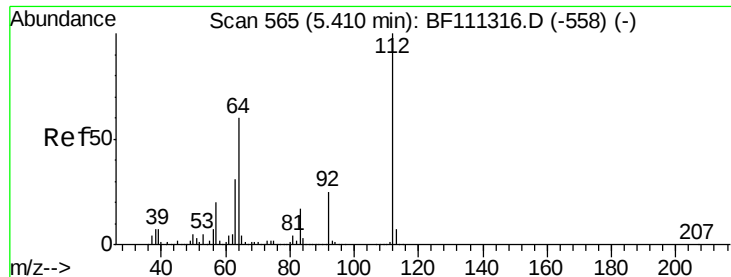
Ion Ratio Lower Upper

42 100

74 118.9 101.5 152.3

44 8.0 6.0 9.0





#5

2-Fluorophenol

Concen: 45.586 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MS

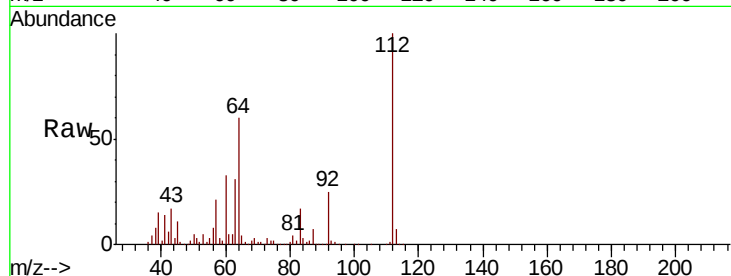
Tgt Ion: 112 Resp: 778547

Ion Ratio Lower Upper

112 100

64 59.7 51.8 77.6

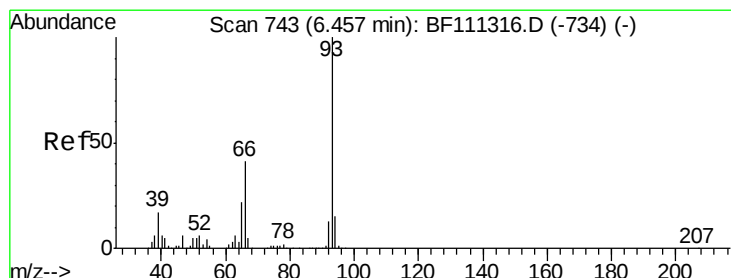
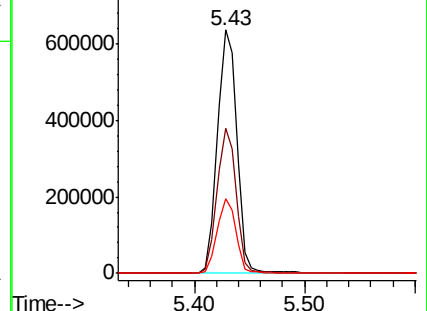
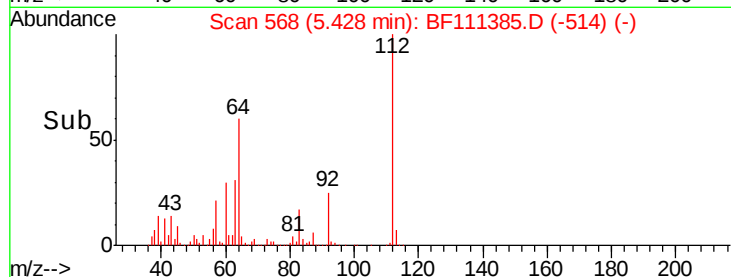
63 30.9 26.8 40.2



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: 12.211 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

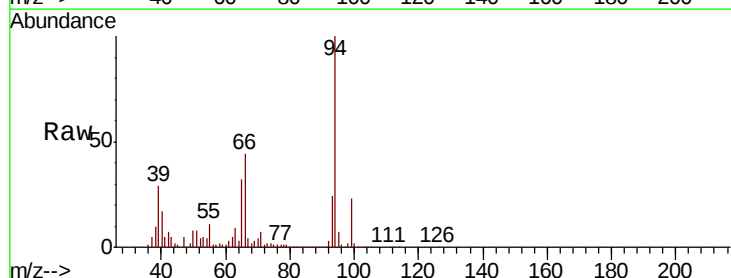
Tgt Ion: 93 Resp: 340167

Ion Ratio Lower Upper

93 100

66 181.3 33.2 49.8#

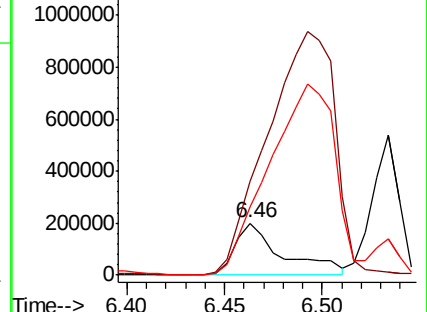
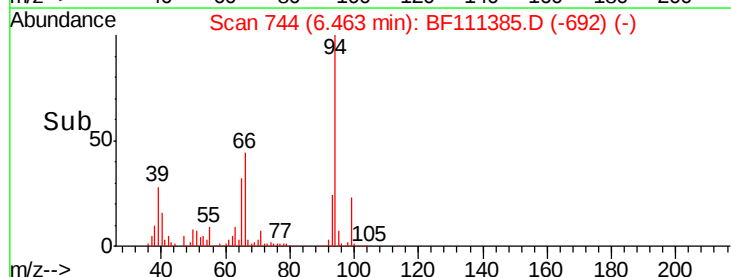
65 131.7 17.0 25.4#

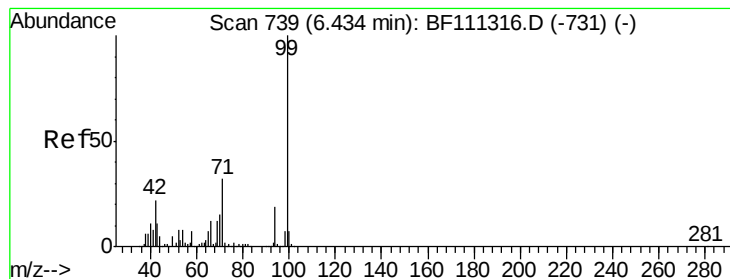


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 25.978 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.04 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

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ClientSampleId :

P001-SW004-01MS

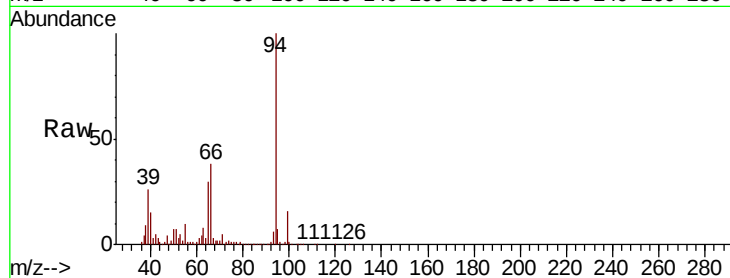
Tgt Ion: 99 Resp: 598194

Ion Ratio Lower Upper

99 100

42 28.8 17.4 26.0#

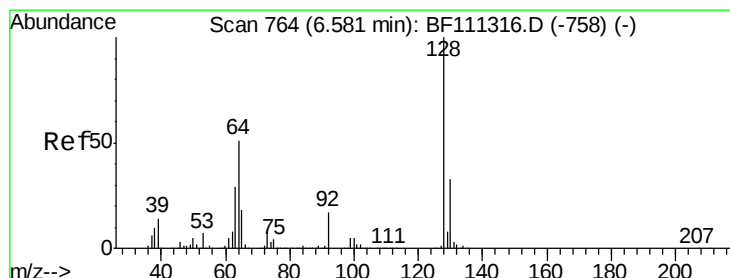
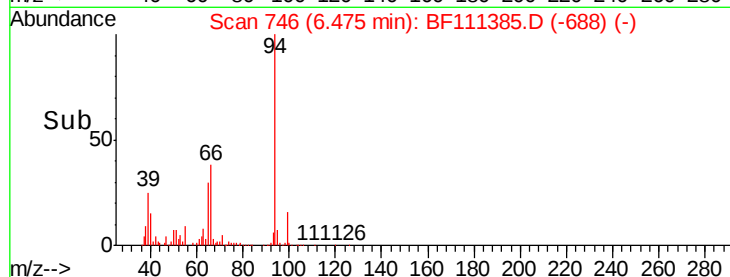
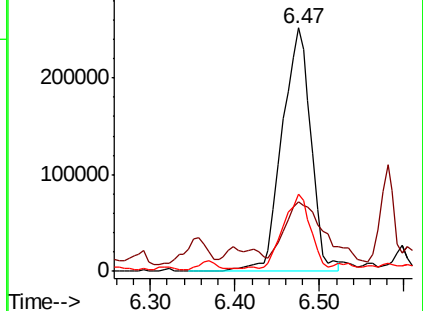
71 31.8 26.1 39.1



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: 21.202 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.02 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

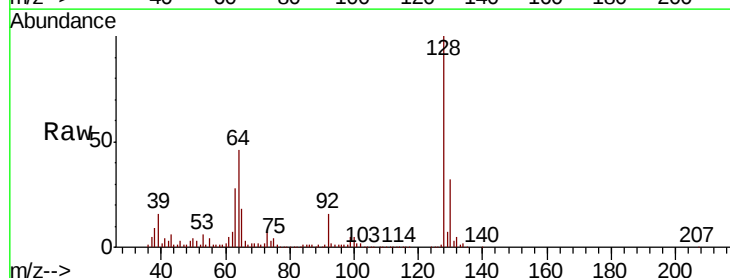
Tgt Ion: 128 Resp: 445081

Ion Ratio Lower Upper

128 100

130 32.1 12.7 52.7

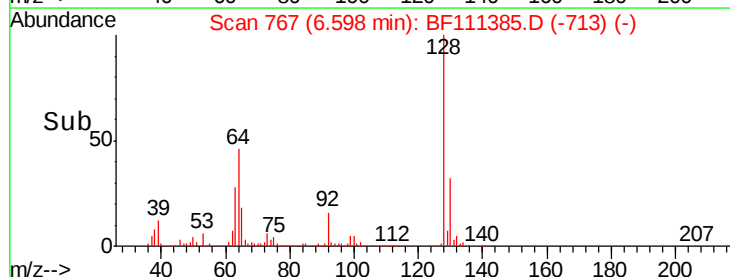
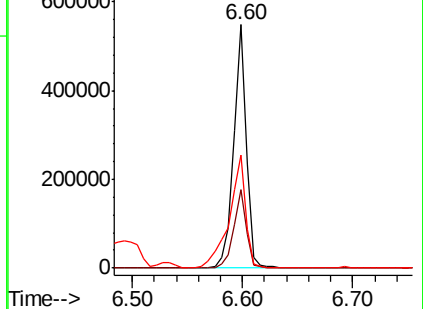
64 46.3 30.0 70.0

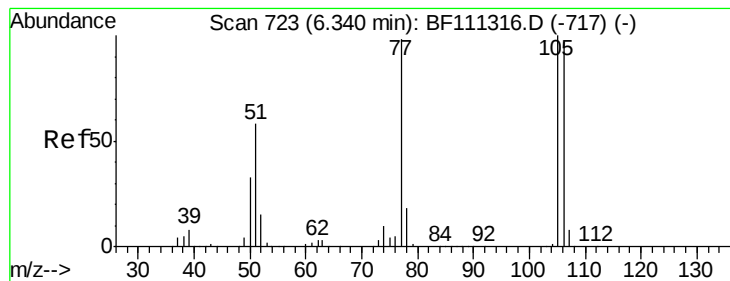


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.088 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

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P001-SW004-01MS

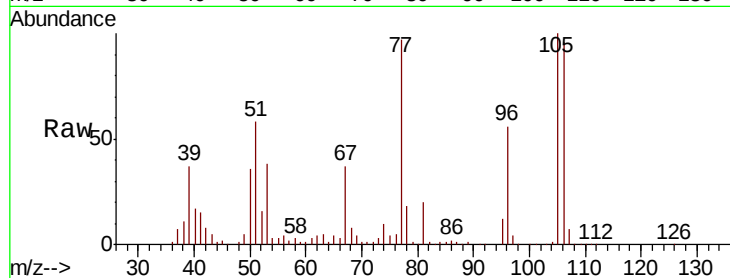
Tgt Ion: 77 Resp: 196456

Ion Ratio Lower Upper

77 100

105 102.9 81.4 121.4

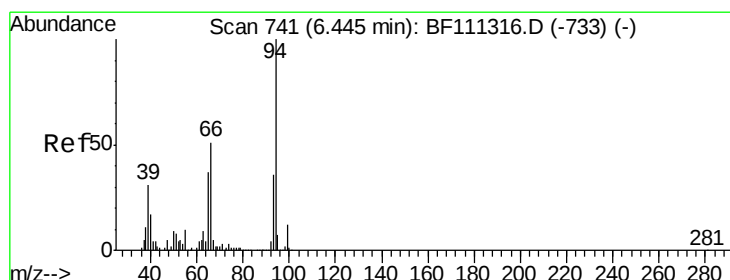
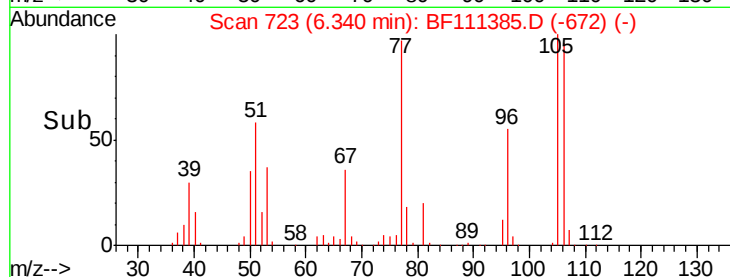
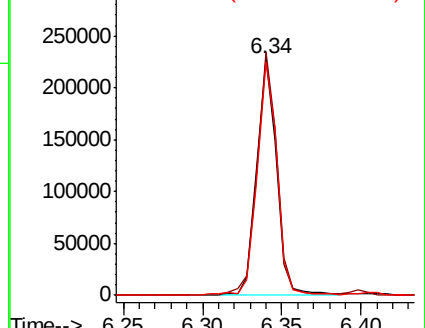
106 98.4 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 221.948 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.05 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

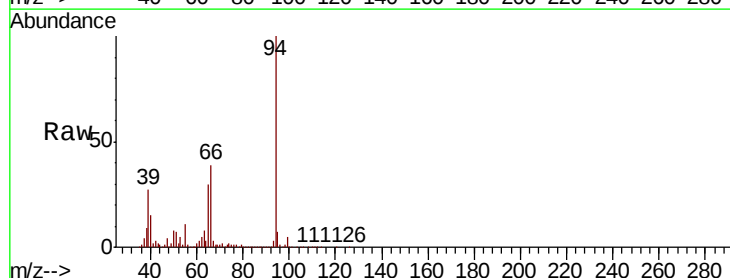
Tgt Ion: 94 Resp: 5789395

Ion Ratio Lower Upper

94 100

65 30.5 11.7 51.7

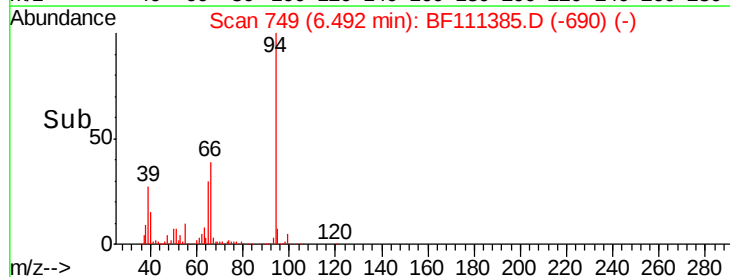
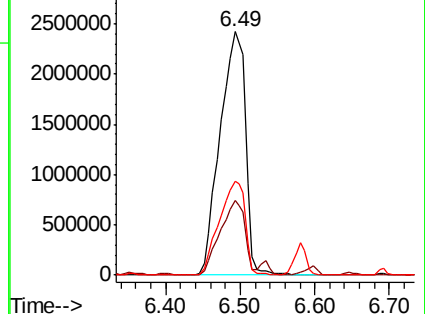
66 38.7 21.0 61.0

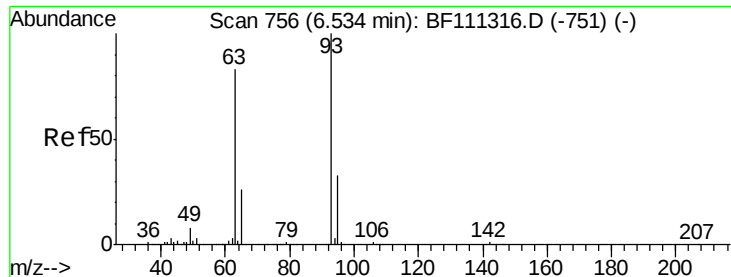


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

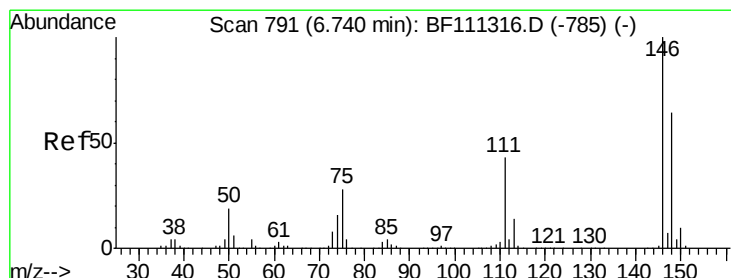
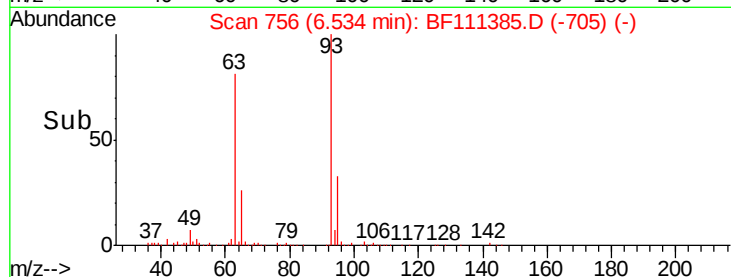
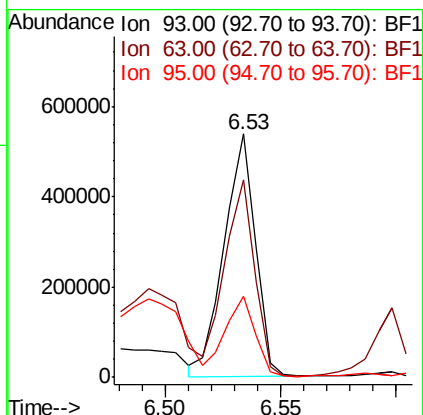
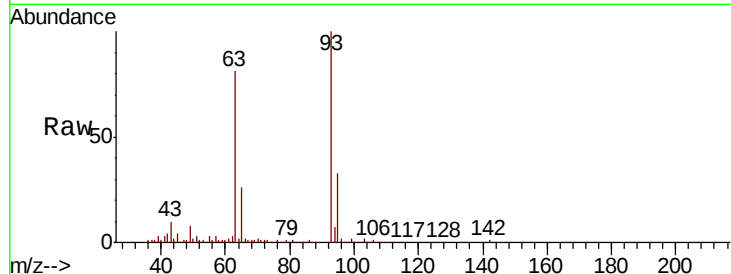




#11
bis(2-Chloroethyl)ether
Concen: 24.694 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

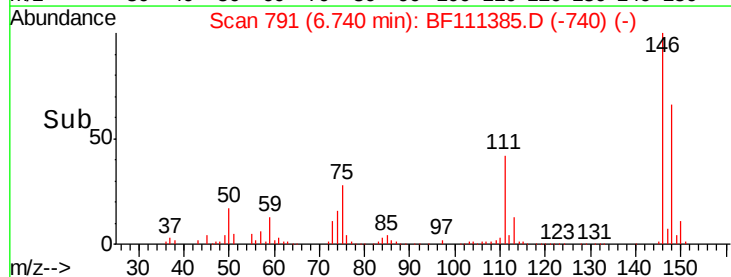
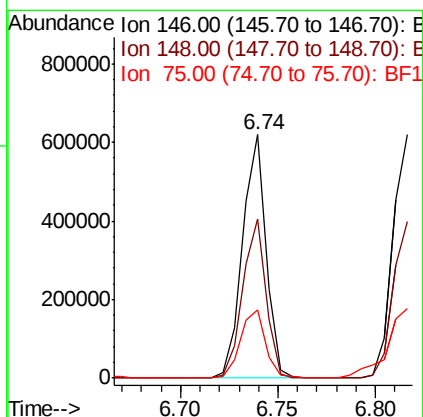
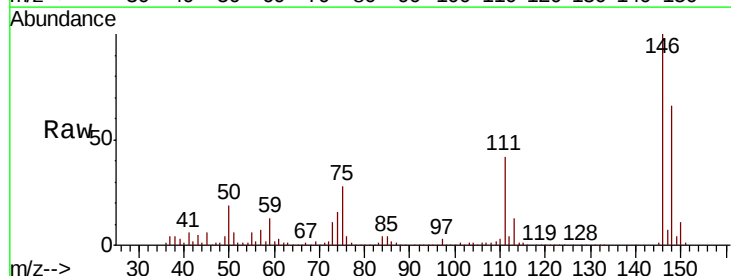
Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

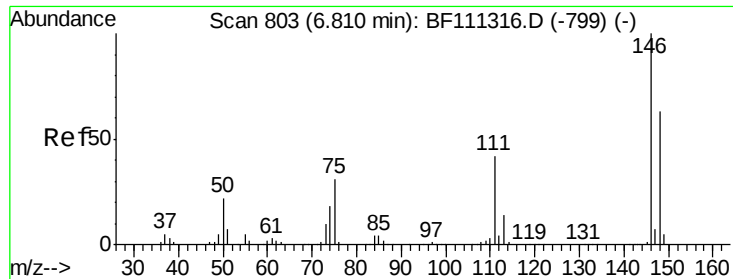
Tgt Ion: 93 Resp: 506746
Ion Ratio Lower Upper
93 100
63 81.1 60.0 100.0
95 33.3 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 22.787 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion: 146 Resp: 517830
Ion Ratio Lower Upper
146 100
148 65.6 52.1 78.1
75 28.2 23.9 35.9

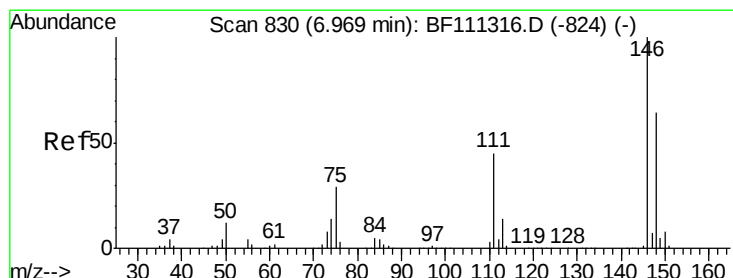
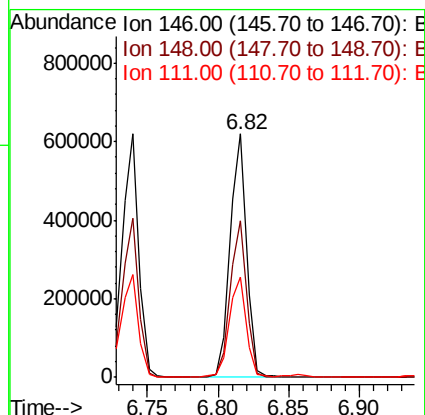
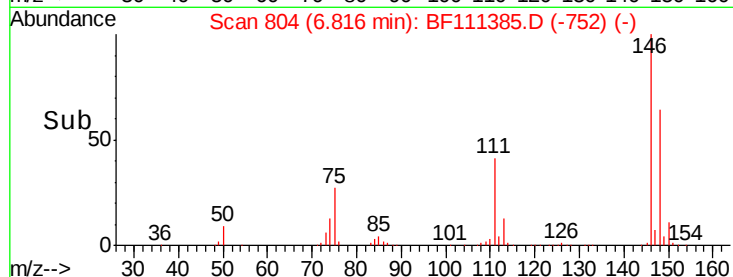
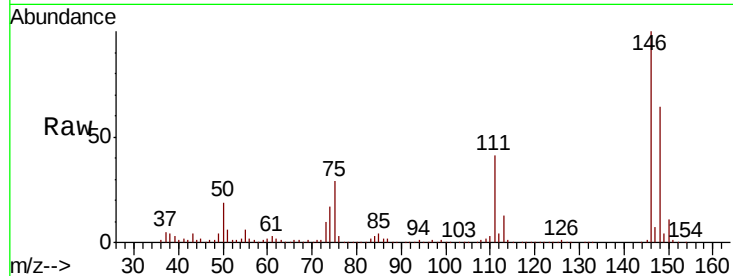




#13
1,4-Dichlorobenzene
Concen: 21.834 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

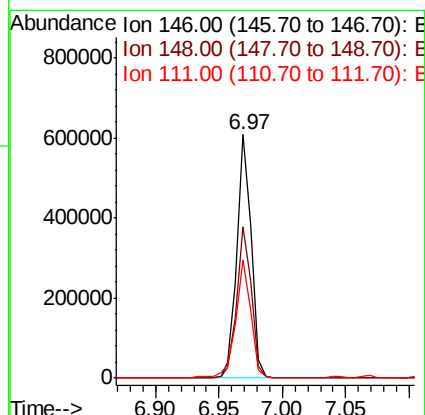
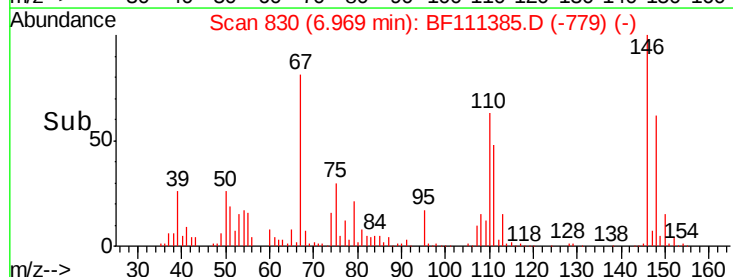
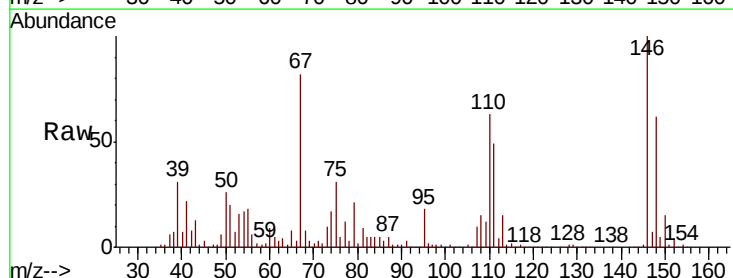
Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

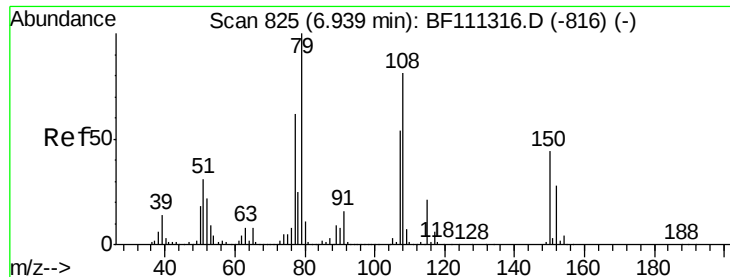
Tgt Ion:146 Resp: 502283
Ion Ratio Lower Upper
146 100
148 64.2 52.8 79.2
111 41.2 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 22.101 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion:146 Resp: 470357
Ion Ratio Lower Upper
146 100
148 62.2 51.9 77.9
111 48.7 36.2 54.4





#15

Benzyl Alcohol

Concen: 18.477 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.02 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MS

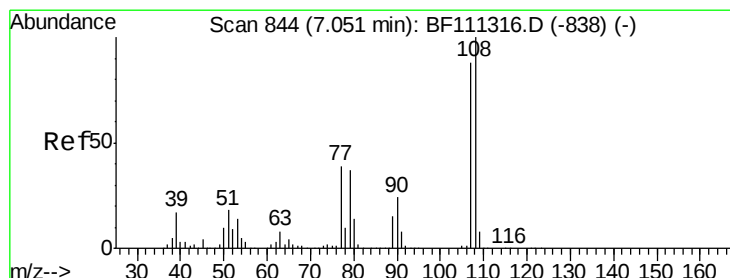
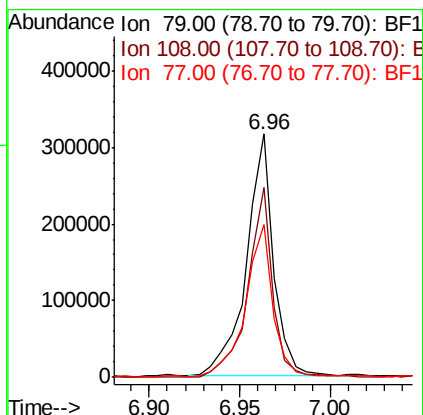
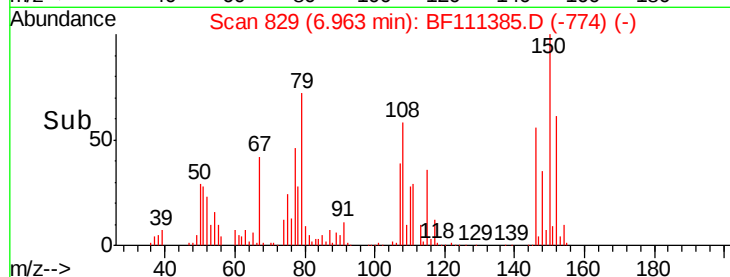
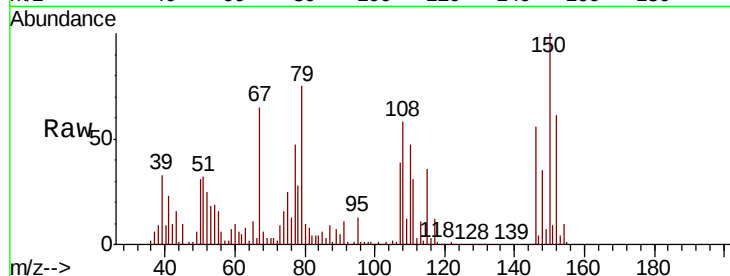
Tgt Ion: 79 Resp: 325801

Ion Ratio Lower Upper

79 100

108 78.0 69.4 104.2

77 62.9 49.7 74.5



#17

2-Methylphenol

Concen: 52.633 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.04 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Tgt Ion: 107 Resp: 892783

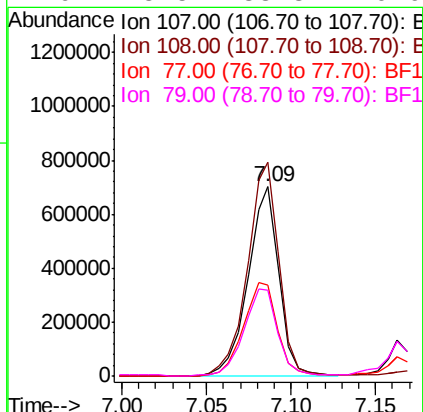
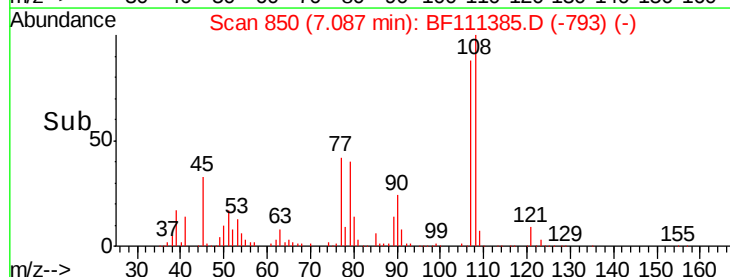
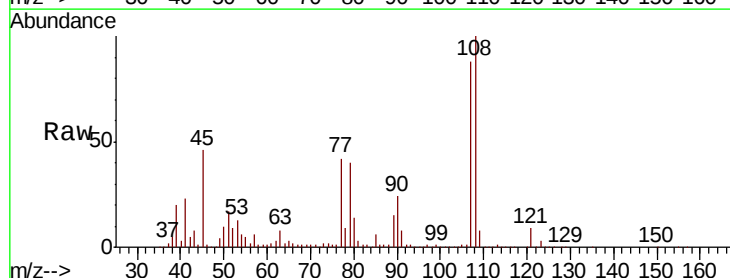
Ion Ratio Lower Upper

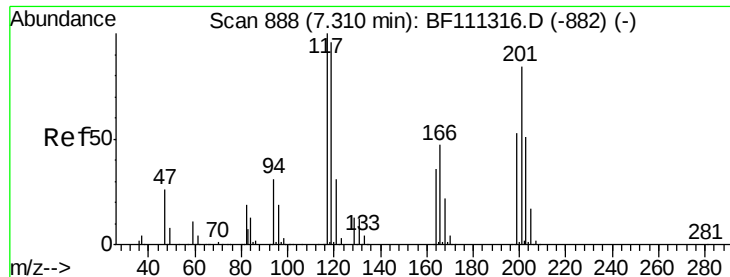
107 100

108 113.0 91.0 136.4

77 47.9 33.5 50.3

79 45.5 33.3 49.9

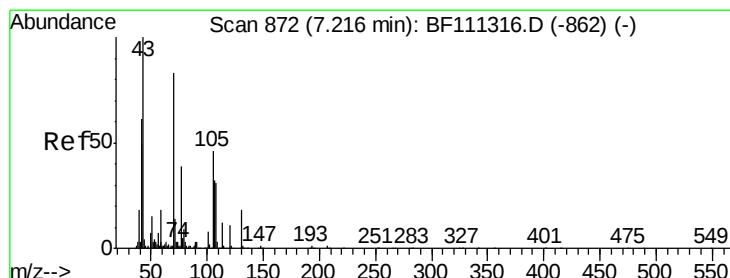
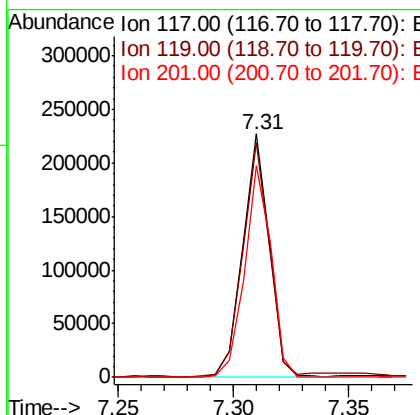
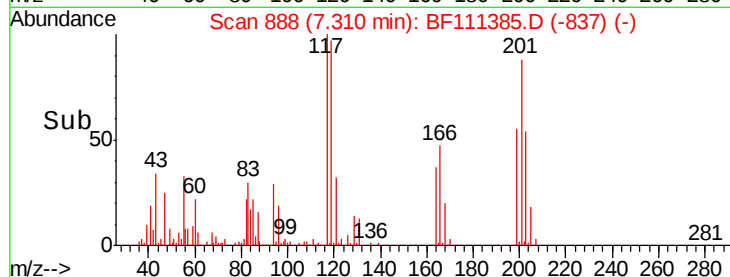
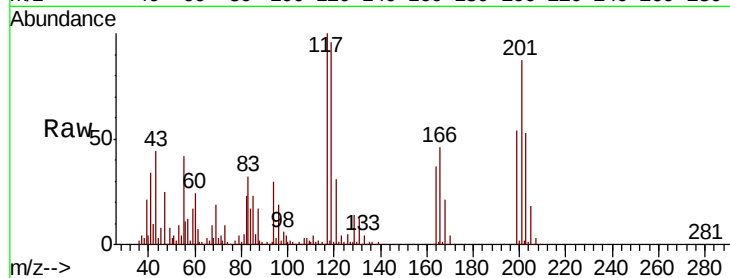




#18
Hexachloroethane
Concen: 21.264 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

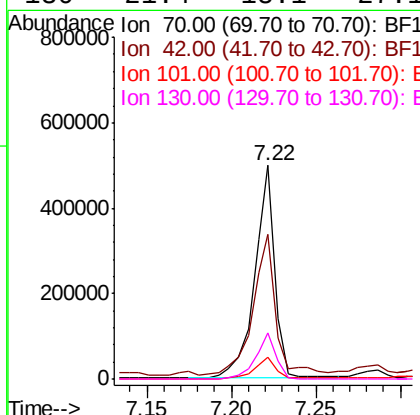
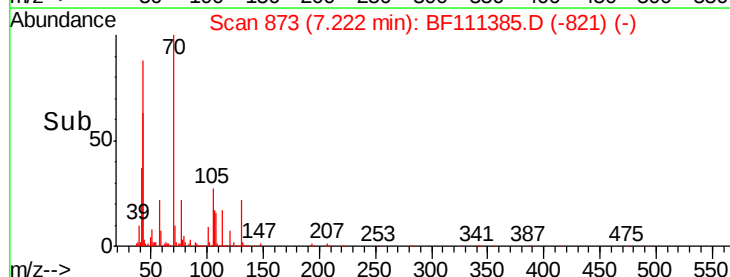
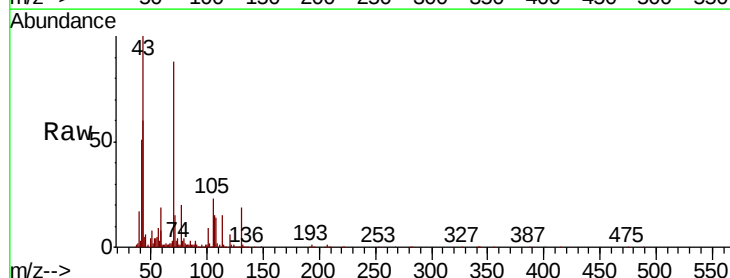
Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

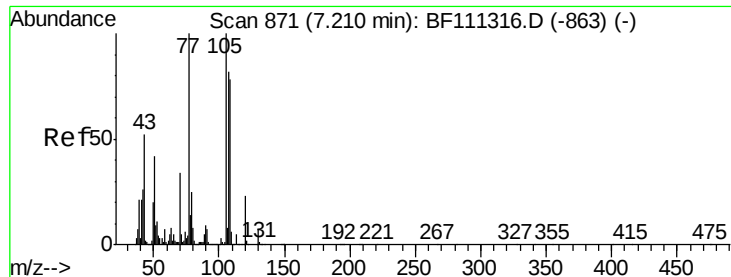
Tgt Ion: 117 Resp: 181605
Ion Ratio Lower Upper
117 100
119 96.2 75.4 113.0
201 86.8 62.4 93.6



#19
n-Nitroso-di-n-propylamine
Concen: 27.412 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion: 70 Resp: 419439
Ion Ratio Lower Upper
70 100
42 67.8 53.2 79.8
101 10.1 8.2 12.4
130 21.4 18.1 27.1

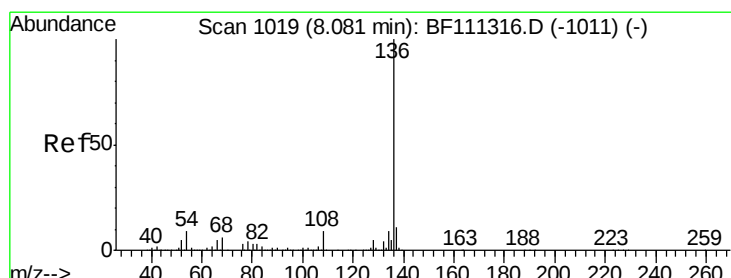
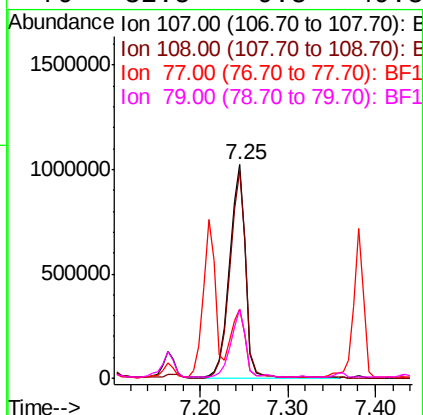
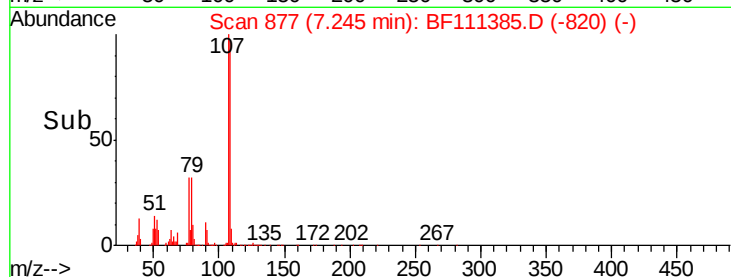
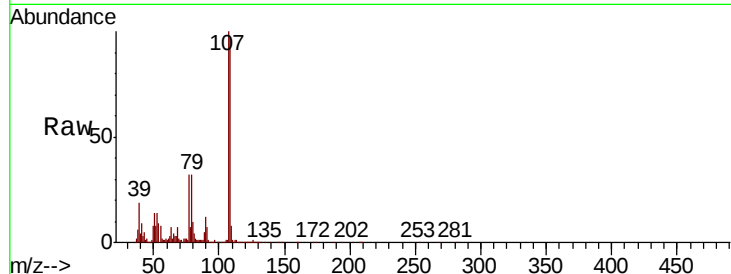




#20
3+4-Methylphenols
Concen: 63.699 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.04 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

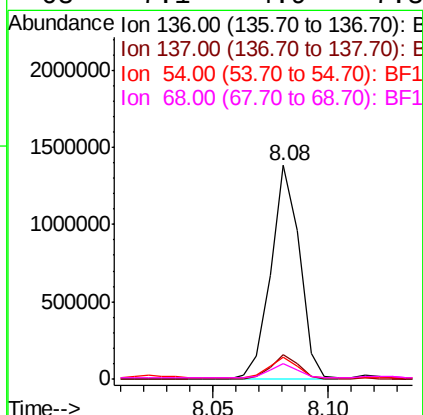
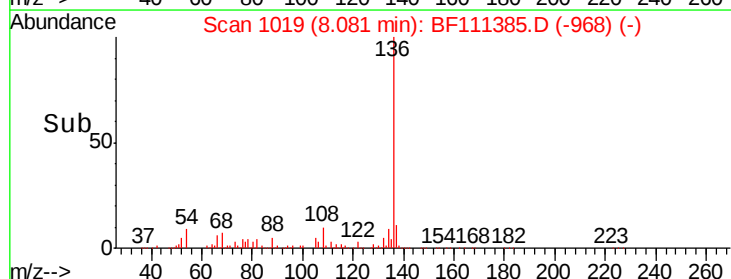
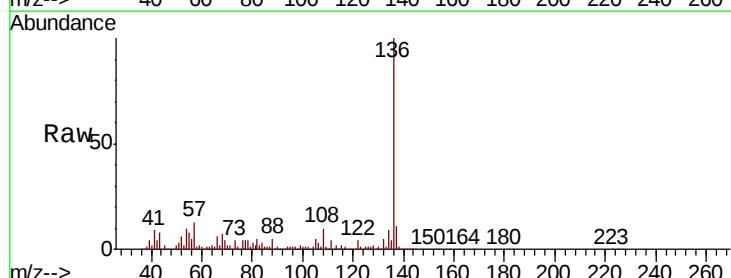
Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

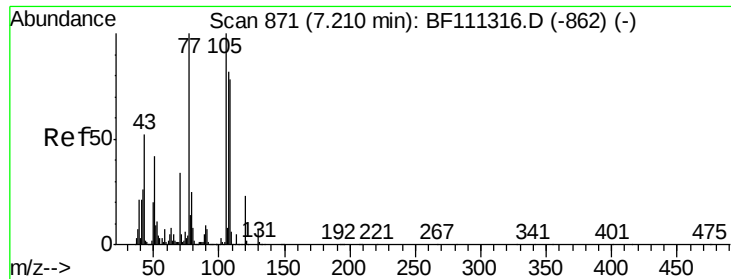
Tgt Ion:107 Resp: 1288540
Ion Ratio Lower Upper
107 100
108 97.1 72.1 112.1
77 32.2 94.1 134.1#
79 32.5 9.8 49.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion:136 Resp: 1190567
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 10.5 7.7 11.5
68 7.1 4.9 7.3





#22

Acetophenone

Concen: 35.853 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

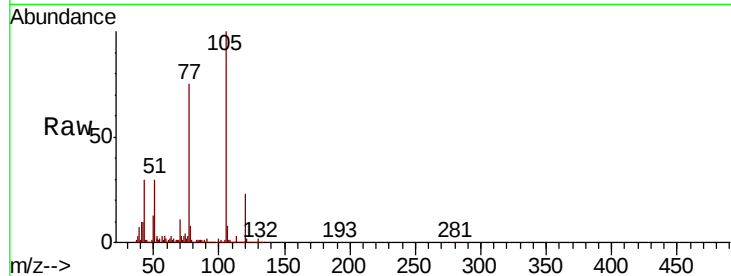
Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MS

Tgt Ion:	105	Resp:	991513
Ion	Ratio	Lower	Upper
105	100		
71	3.1	3.1	4.7
51	30.0	36.6	54.8#
120	22.6	18.2	27.4

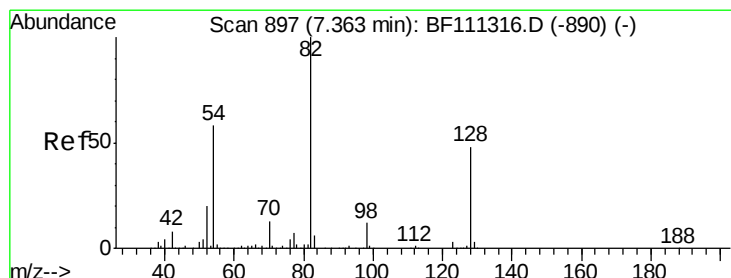
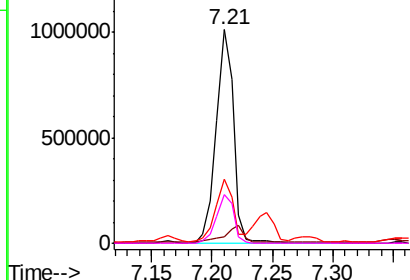
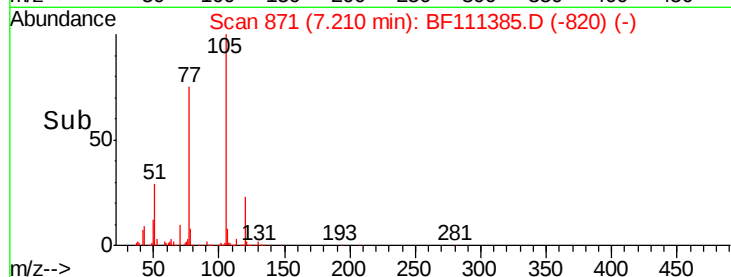


Abundance Ion 105.00 (104.70 to 105.70): E

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: 58.926 ng

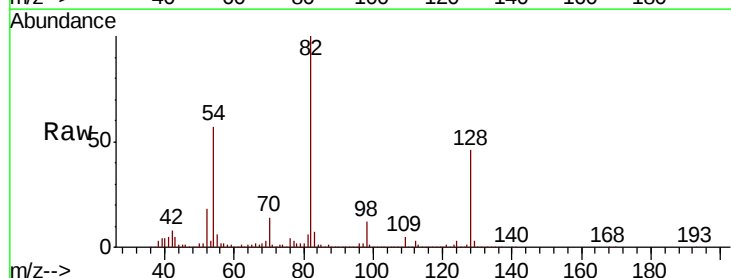
RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

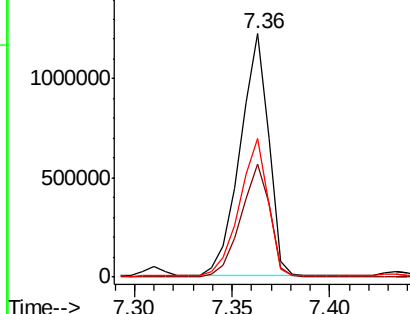
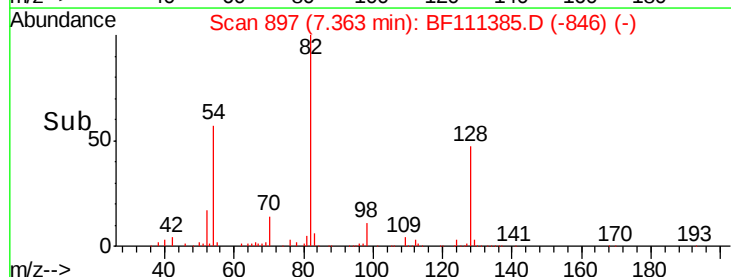
Tgt Ion:	82	Resp:	1244707
Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.4	56.2
54	57.1	47.6	71.4

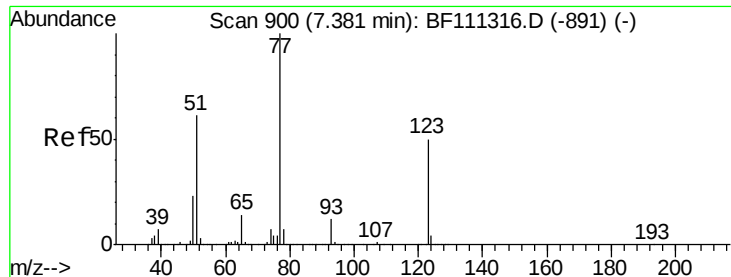


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

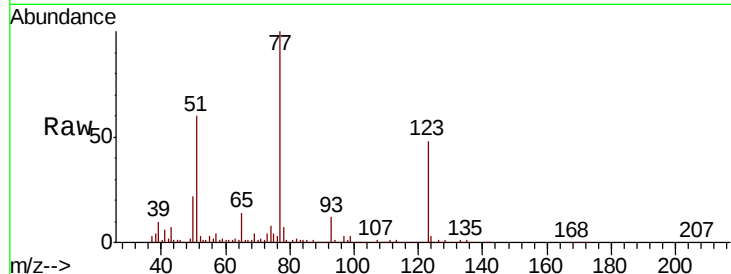




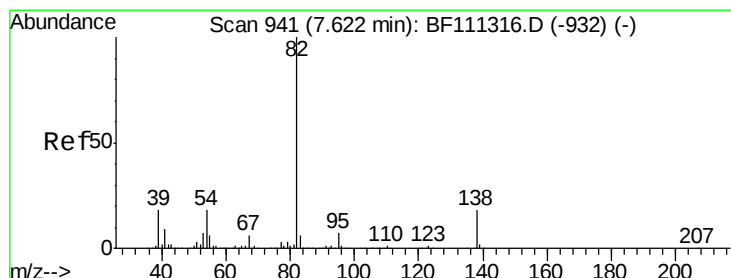
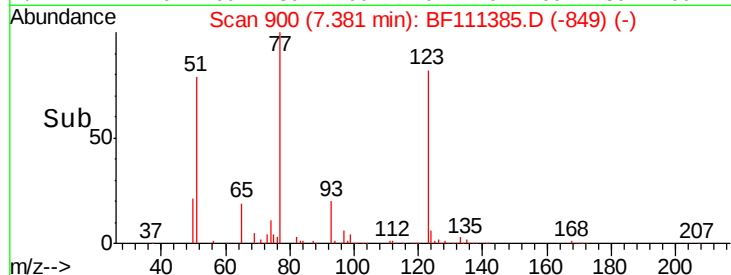
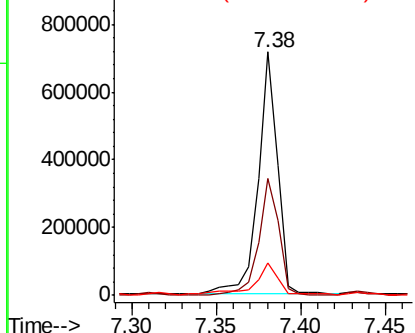
#24
Nitrobenzene
Concen: 26.544 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	37.2	55.8
65	13.5	11.5	17.3

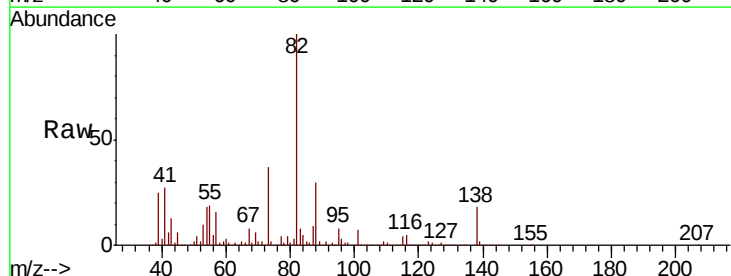


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

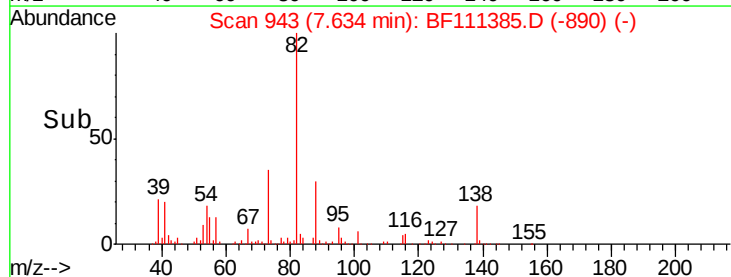
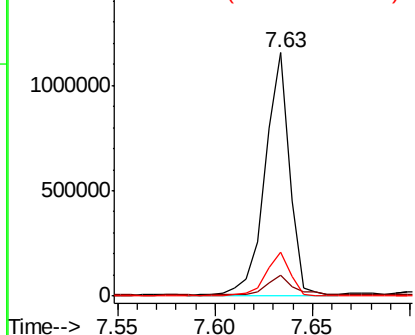


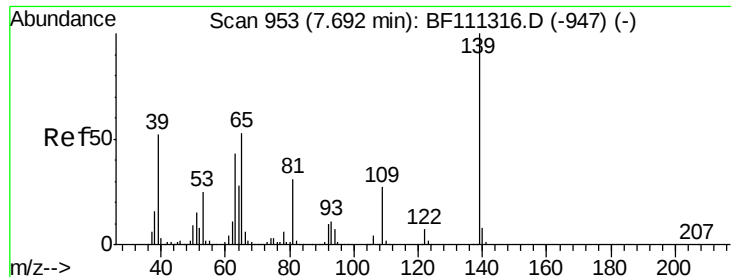
#25
Isophorone
Concen: 27.721 ng
RT: 7.63 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.4	5.4	8.2#
138	18.2	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

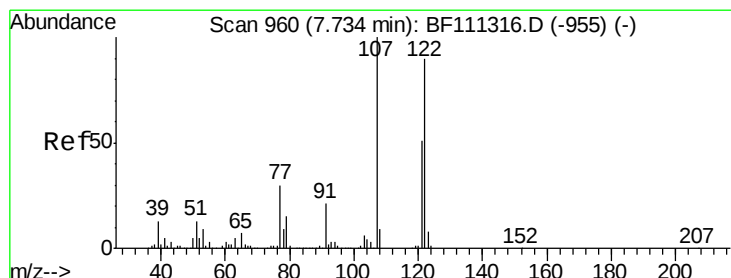
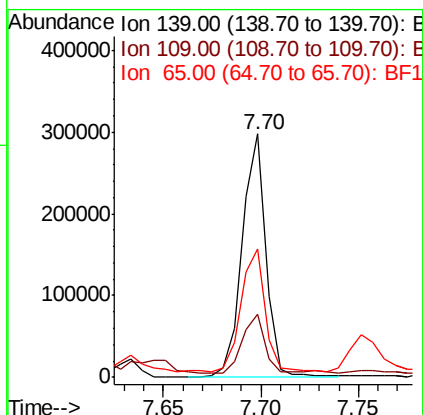
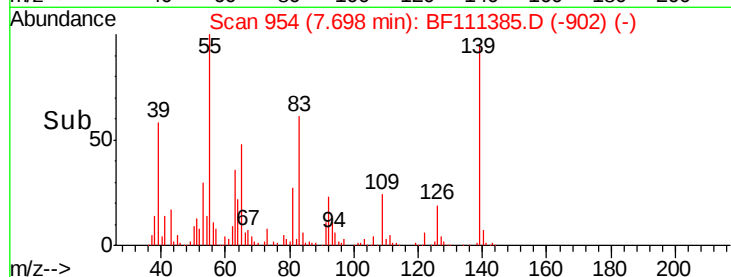
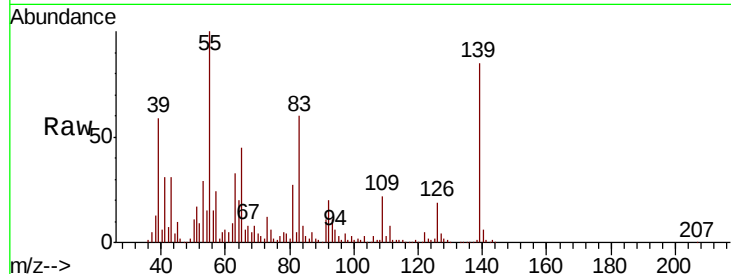




#26
2-Nitrophenol
Concen: 23.683 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

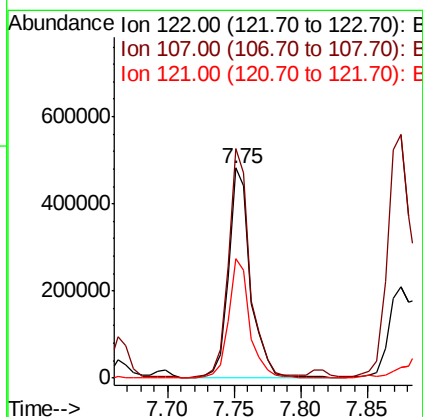
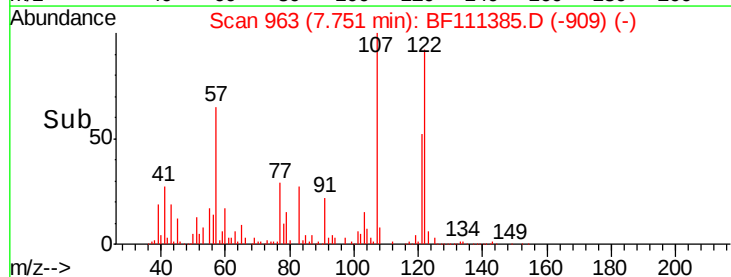
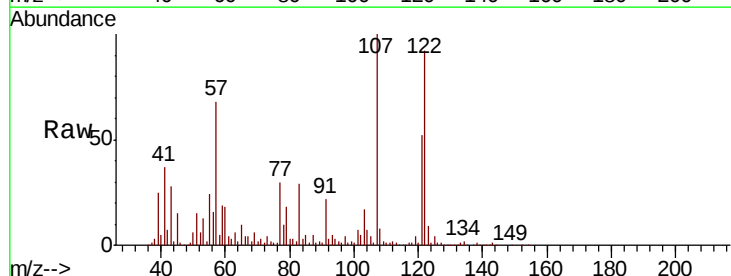
Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

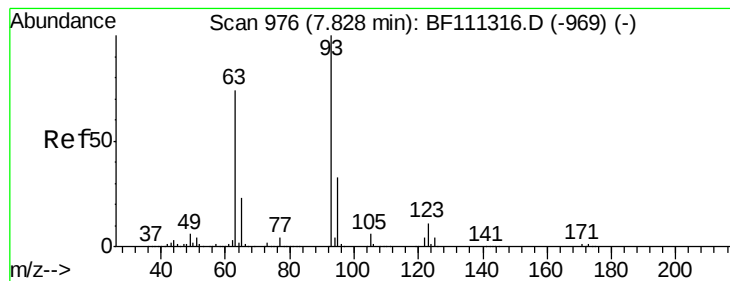
Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.9	20.2	30.4
65	52.6	40.7	61.1



#27
2,4-Dimethylphenol
Concen: 33.957 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.02 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.0	85.5	128.3
121	56.6	46.6	70.0





#28

bis(2-Chloroethoxy)methane

Concen: 25.418 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MS

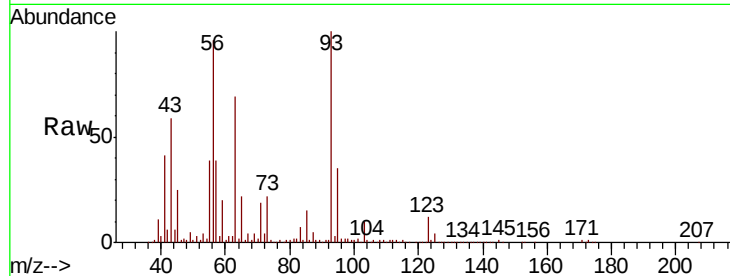
Tgt Ion: 93 Resp: 625988

Ion Ratio Lower Upper

93 100

95 34.7 27.1 40.7

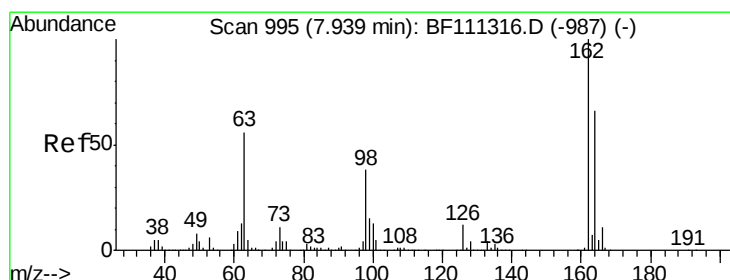
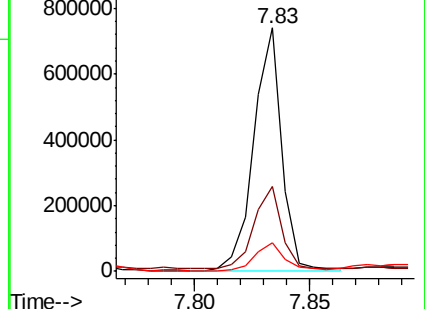
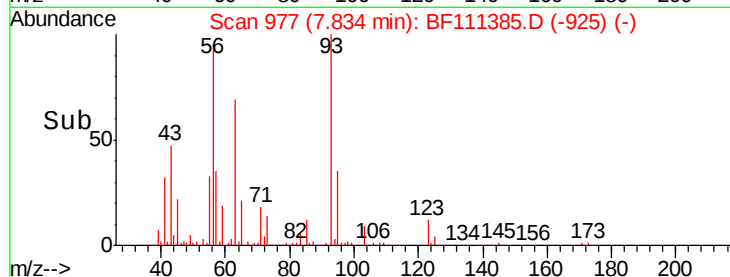
123 11.9 9.9 14.9



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): BF1



#29

2,4-Dichlorophenol

Concen: 28.213 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.02 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

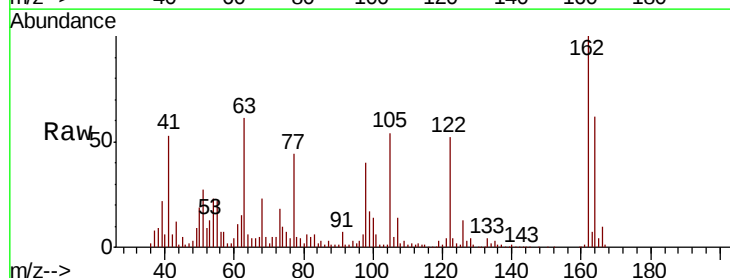
Tgt Ion: 162 Resp: 477785

Ion Ratio Lower Upper

162 100

164 62.2 44.4 84.4

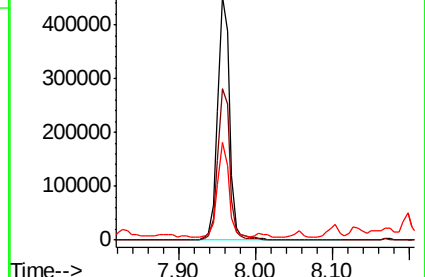
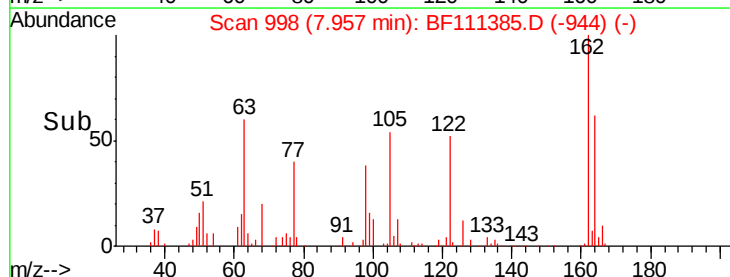
98 40.0 20.3 60.3

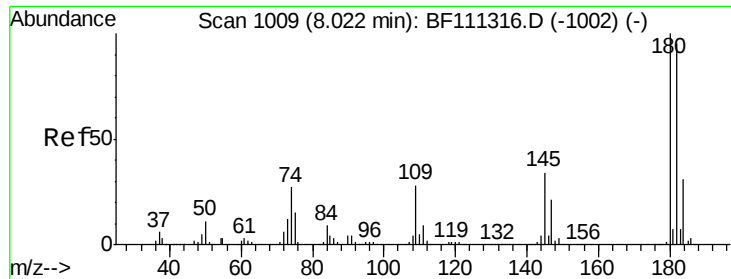


Abundance Ion 162.00 (161.70 to 162.70): BF1

Ion 164.00 (163.70 to 164.70): BF1

Ion 98.00 (97.70 to 98.70): BF1

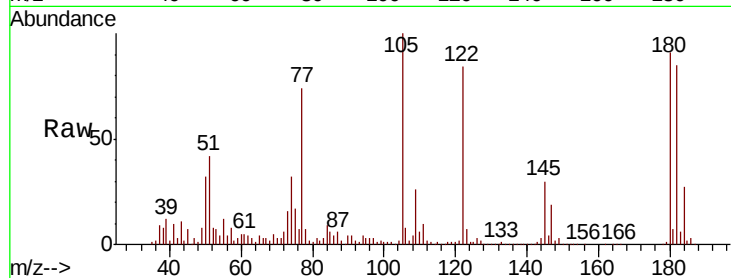




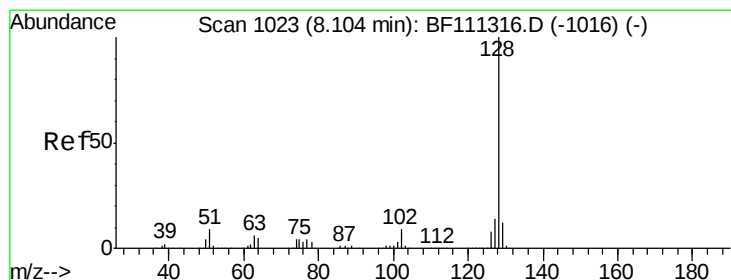
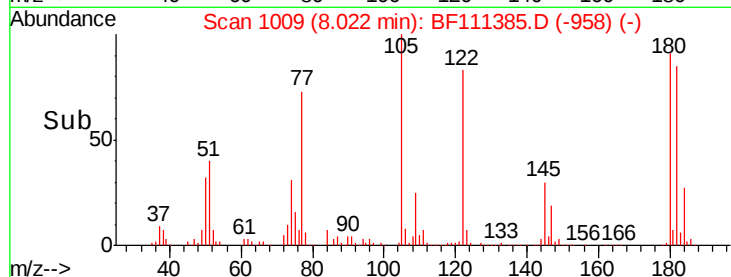
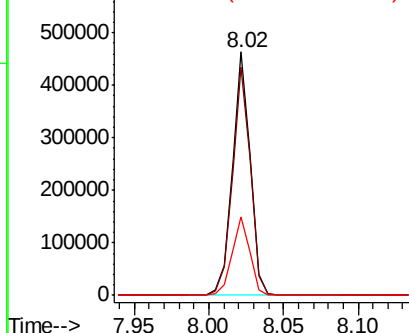
#30
 1,2,4-Trichlorobenzene
 Concen: 22.538 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MS

Tgt Ion:180 Resp: 392177
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.6 113.4
 145 32.5 26.7 40.1

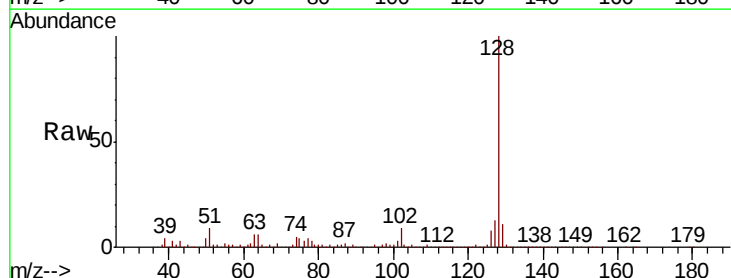


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

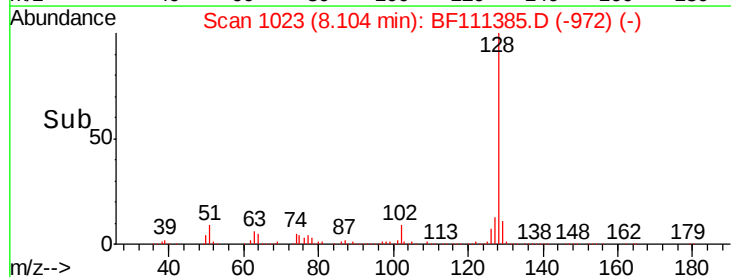
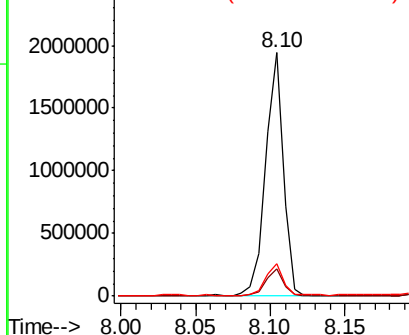


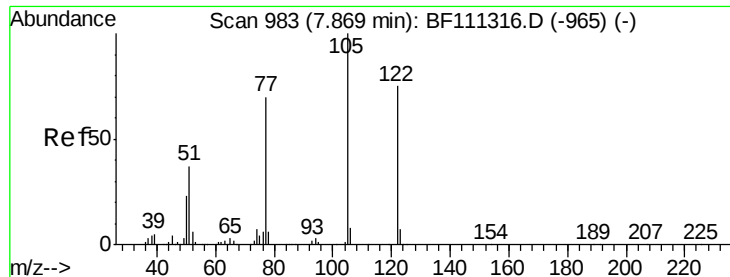
#31
 Naphthalene
 Concen: 28.613 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Tgt Ion:128 Resp: 1587125
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.8 14.8
 127 13.4 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

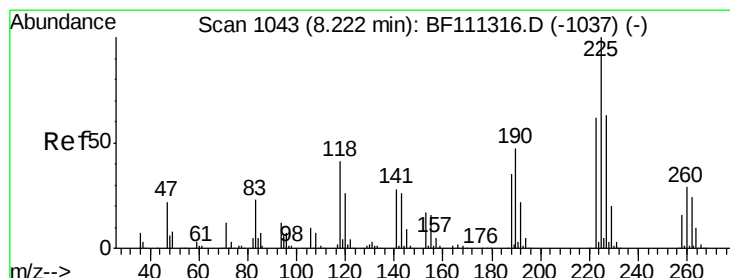
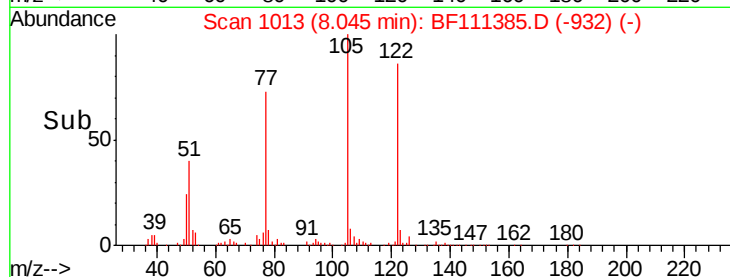
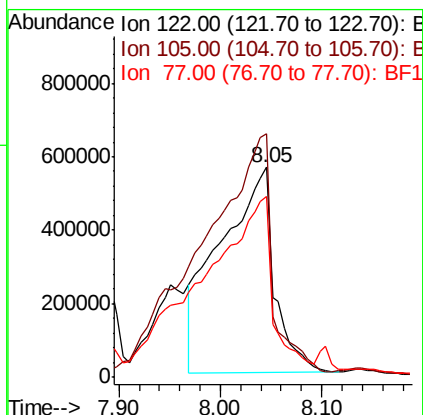
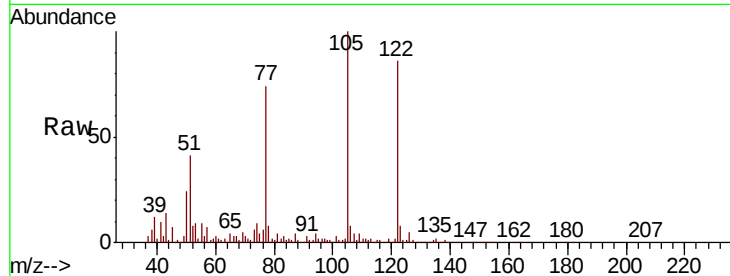




#32
Benzoic acid
Concen: 154.787 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.18 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

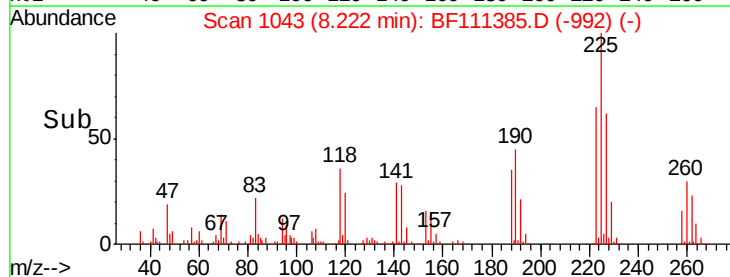
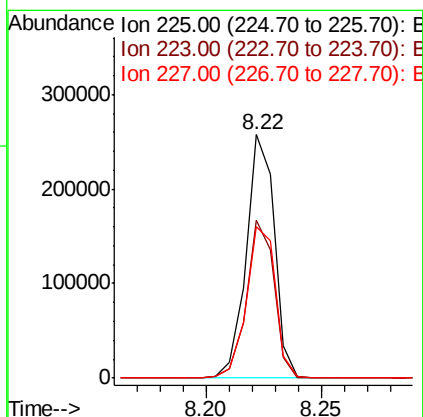
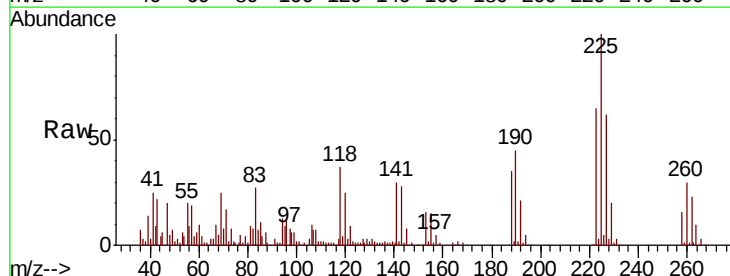
Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

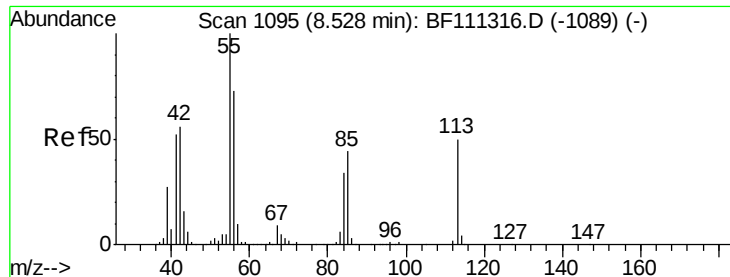
Tgt Ion:122 Resp: 2088927
Ion Ratio Lower Upper
122 100
105 115.9 97.0 137.0
77 85.9 65.7 105.7



#34
Hexachlorobutadiene
Concen: 22.784 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion:225 Resp: 219940
Ion Ratio Lower Upper
225 100
223 64.6 50.7 76.1
227 62.3 52.6 78.8

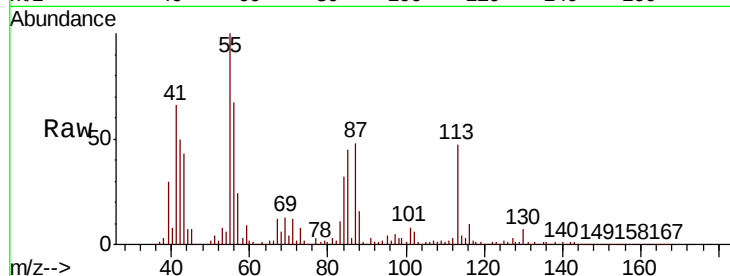




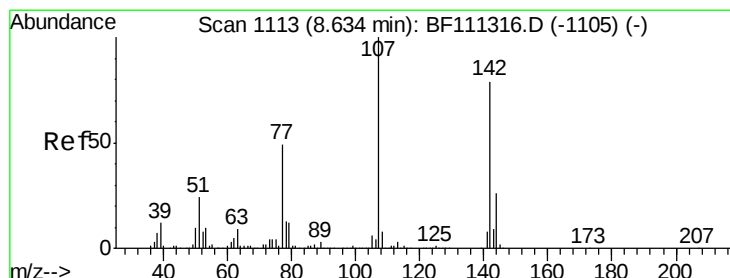
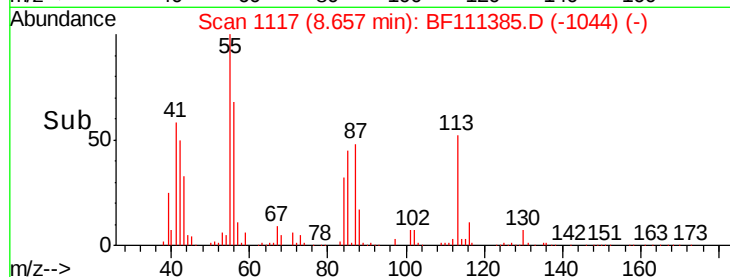
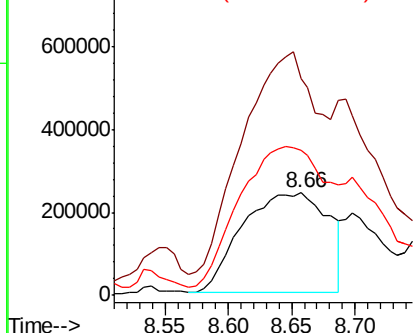
#35
 Caprolactam
 Concen: 192.556 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.13 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MS

Tgt Ion:113 Resp: 1142636
 Ion Ratio Lower Upper
 113 100
 55 212.0 184.1 224.1
 56 142.2 126.0 166.0

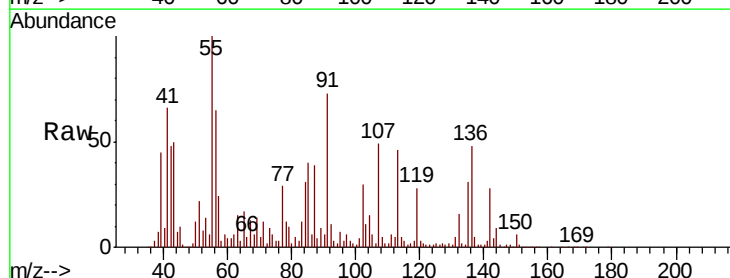


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

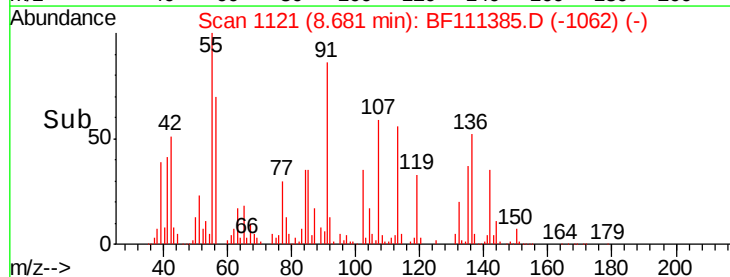
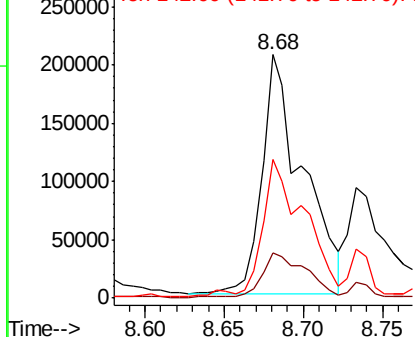


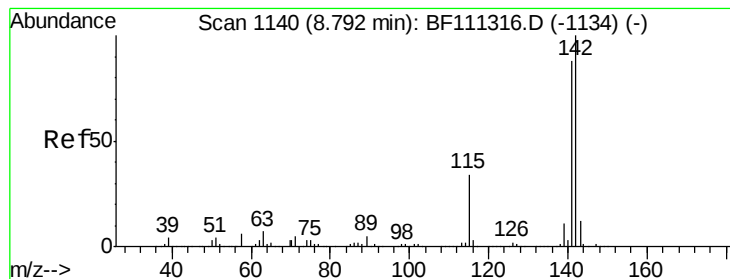
#36
 4-Chloro-3-methylphenol
 Concen: 20.347 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.05 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Tgt Ion:107 Resp: 367196
 Ion Ratio Lower Upper
 107 100
 144 18.5 19.8 29.6#
 142 56.7 62.3 93.5#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 26.078 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MS

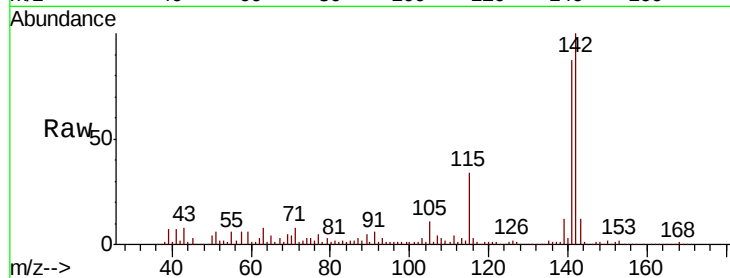
Tgt Ion:142 Resp: 935077

Ion Ratio Lower Upper

142 100

141 87.4 70.6 105.8

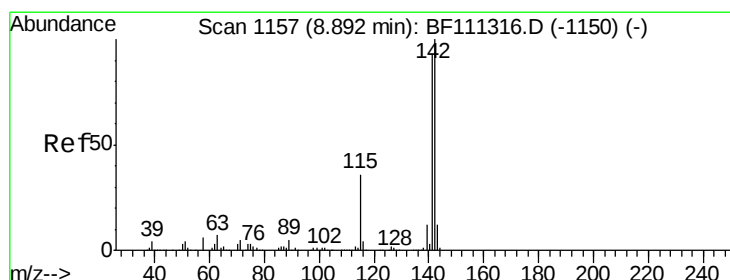
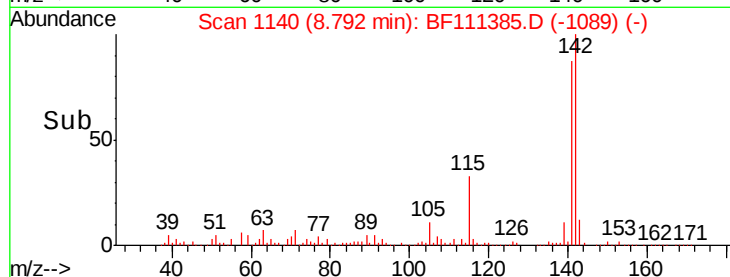
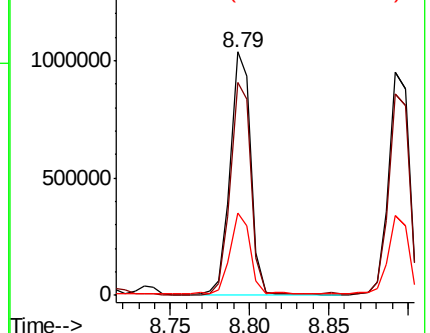
115 34.0 27.0 40.6



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: 24.491 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

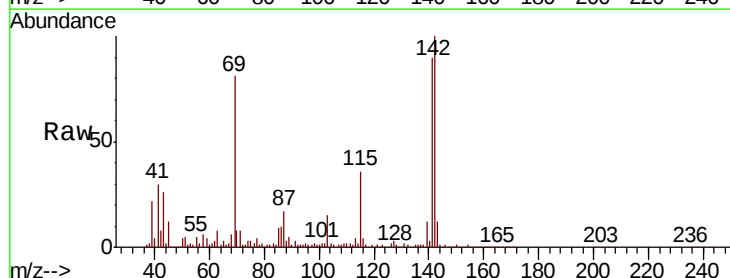
Tgt Ion:142 Resp: 847570

Ion Ratio Lower Upper

142 100

141 90.3 74.2 111.4

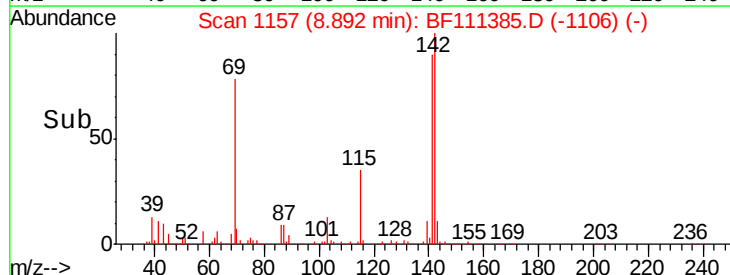
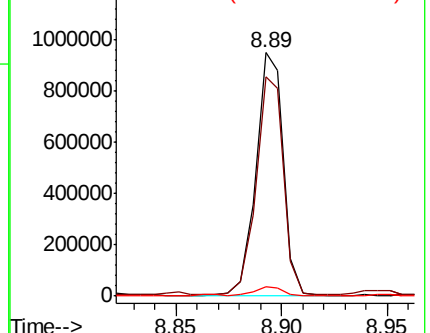
116 3.9 2.9 4.3

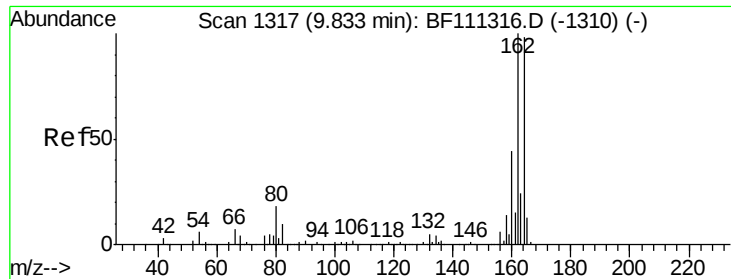


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

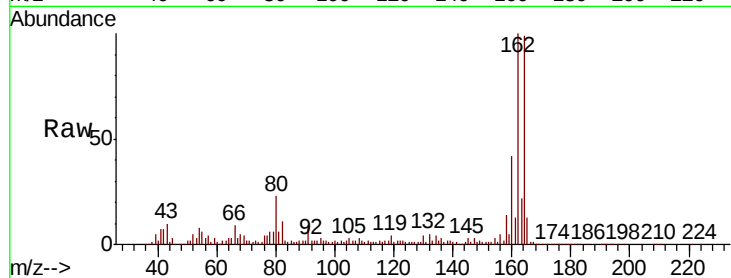




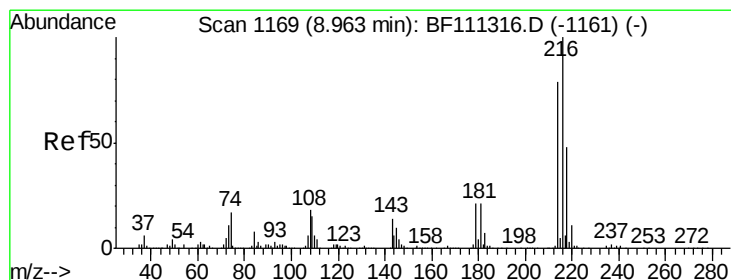
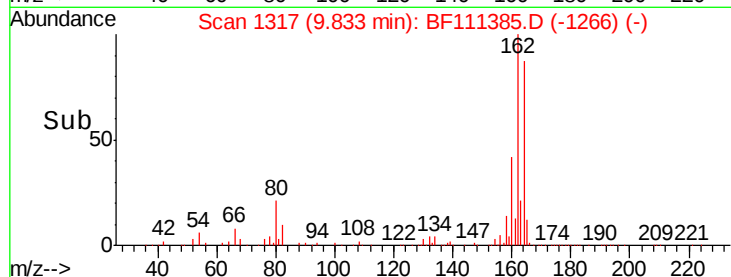
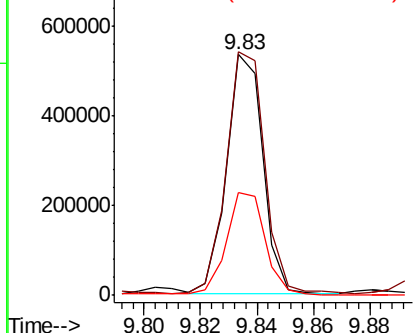
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tgt Ion:164 Resp: 472705
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 43.0 35.7 53.5

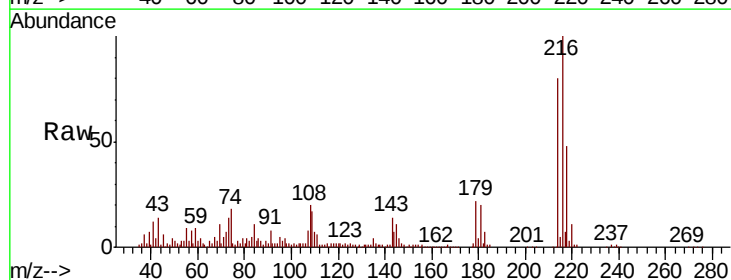


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

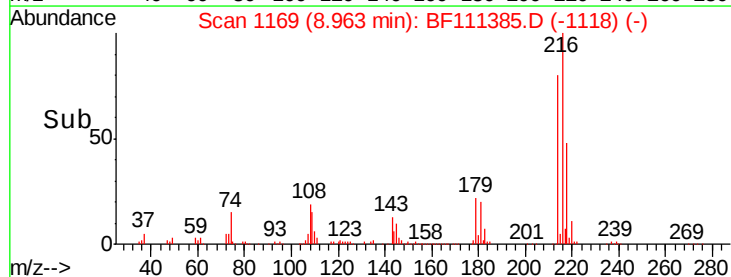
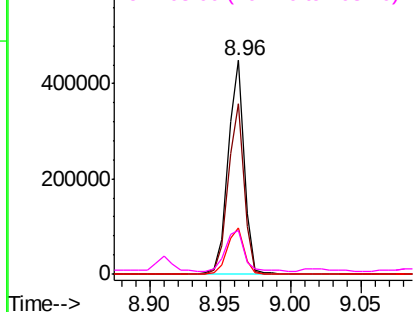


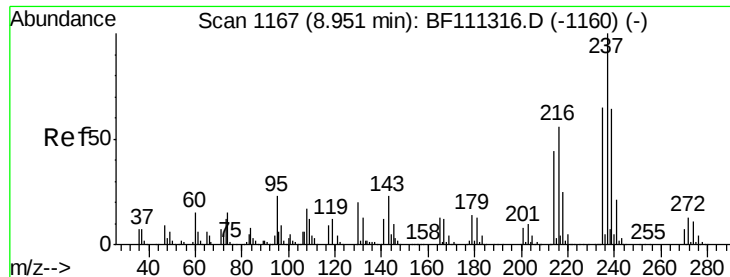
#40
1,2,4,5-Tetrachlorobenzene
Concen: 26.442 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion:216 Resp: 351338
Ion Ratio Lower Upper
216 100
214 79.2 63.8 95.8
179 22.7 17.9 26.9
108 23.7 18.4 27.6



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





#41

Hexachlorocyclopentadiene

Concen: 15.333 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MS

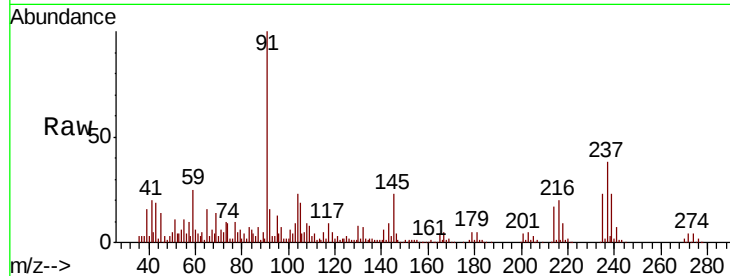
Tgt Ion: 237 Resp: 106381

Ion Ratio Lower Upper

237 100

235 62.3 43.1 83.1

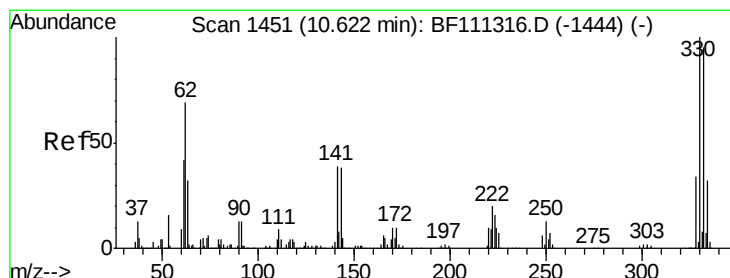
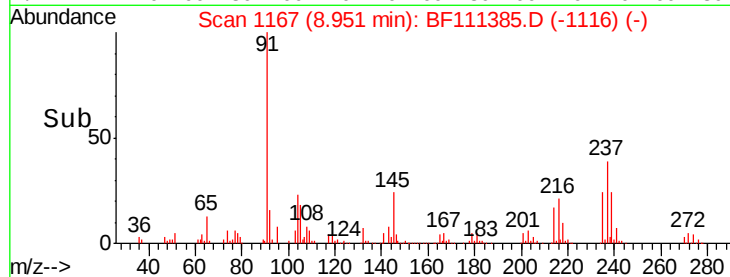
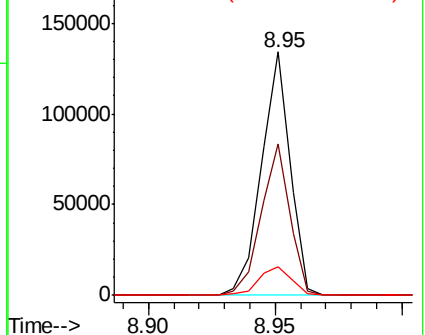
272 11.7 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 68.205 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

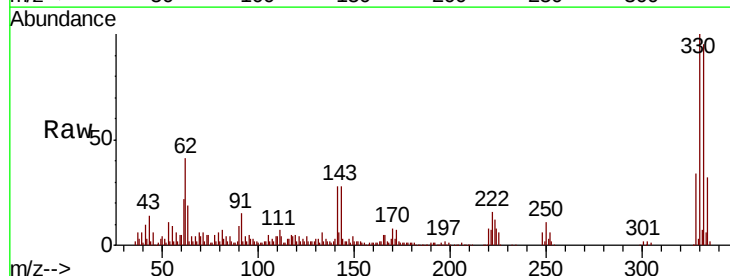
Tgt Ion: 330 Resp: 284209

Ion Ratio Lower Upper

330 100

332 96.3 76.0 114.0

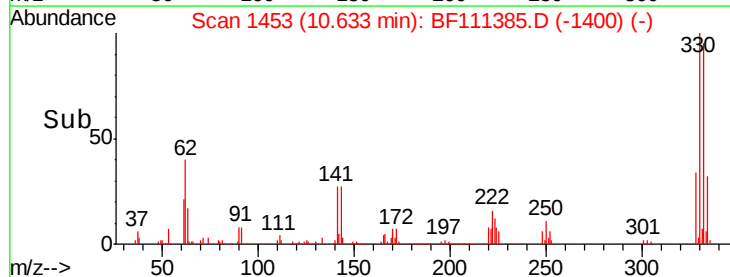
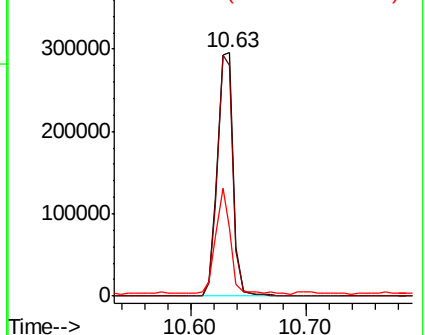
141 39.5 31.0 46.6

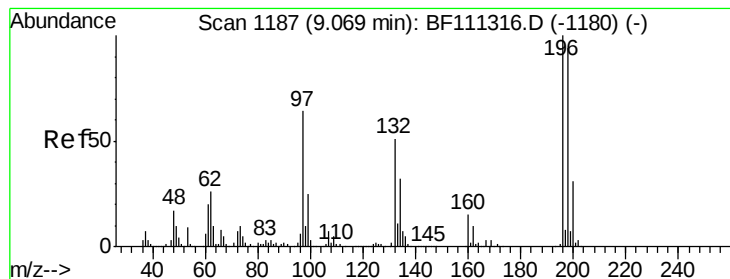


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 24.463 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.02 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MS

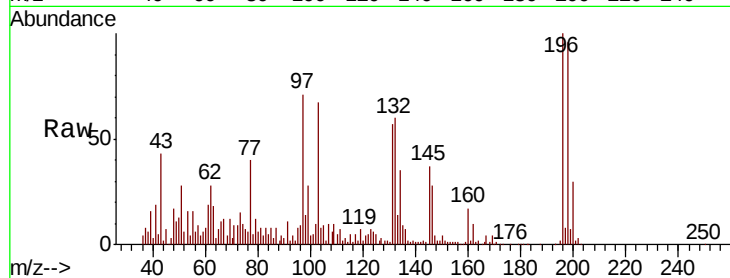
Tgt Ion:196 Resp: 232651

Ion Ratio Lower Upper

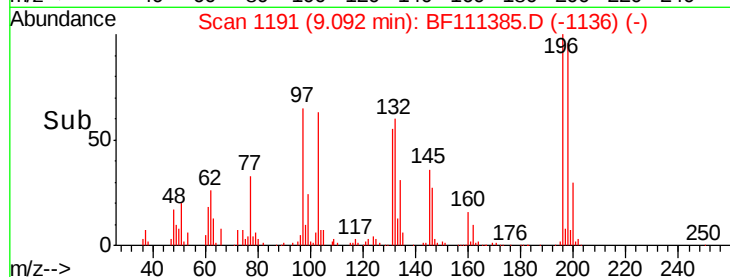
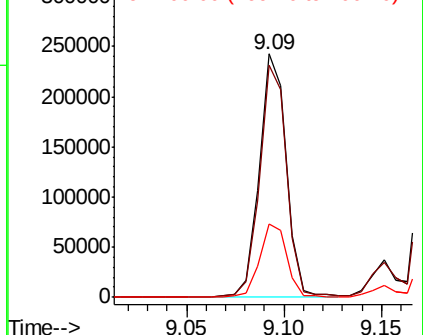
196 100

198 95.5 76.3 114.5

200 30.3 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: 22.027 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.06 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Tgt Ion:196 Resp: 221391

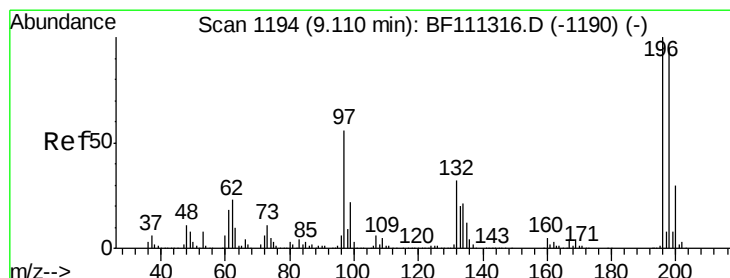
Ion Ratio Lower Upper

196 100

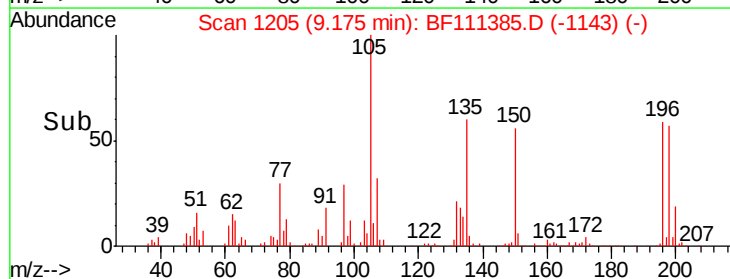
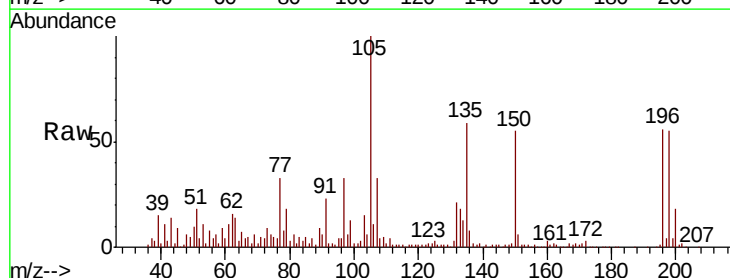
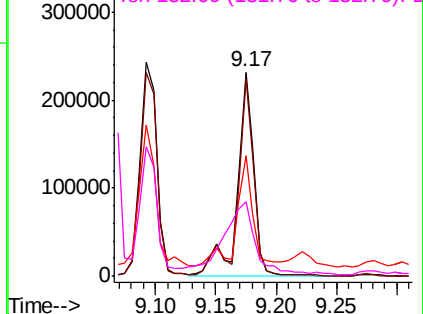
198 97.0 72.9 109.3

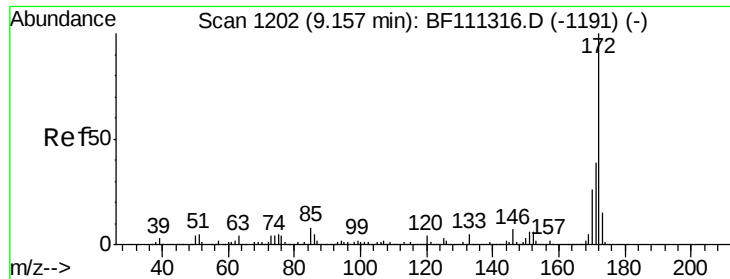
97 58.8 45.3 67.9

132 36.6 25.5 38.3



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

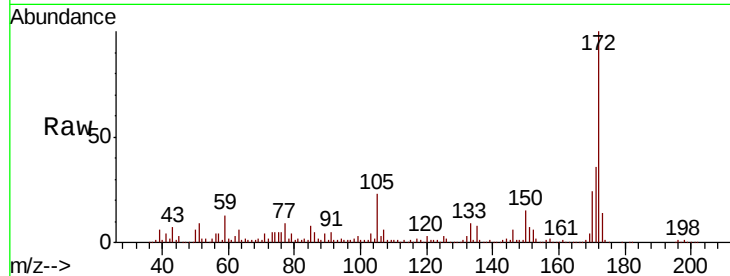




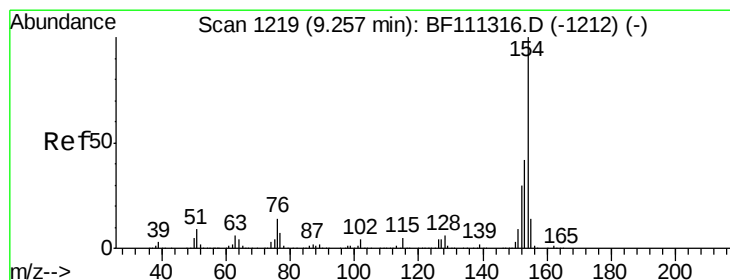
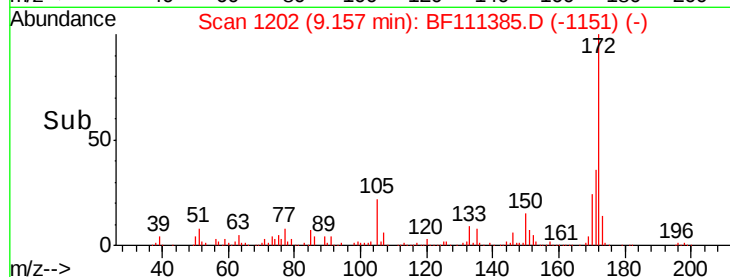
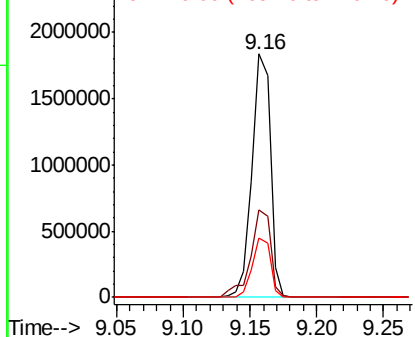
#45
 2-Fluorobiphenyl
 Concen: 58.543 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MS

Tgt Ion:172 Resp: 1723676
 Ion Ratio Lower Upper
 172 100
 171 35.8 33.0 49.4
 170 24.3 22.3 33.5

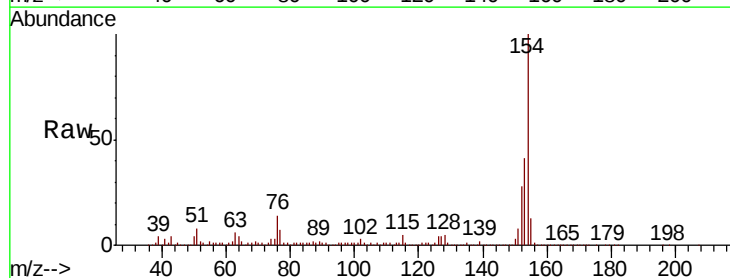


Abundance Ion 172.00 (171.70 to 172.70): E
 2500000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

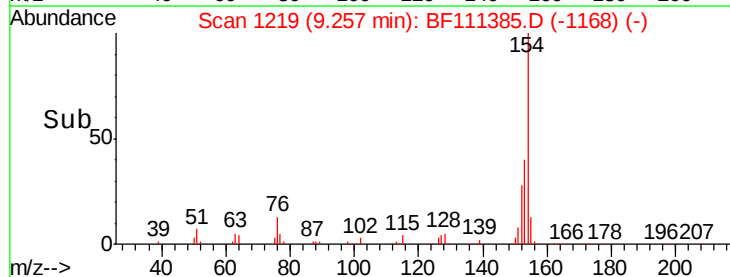
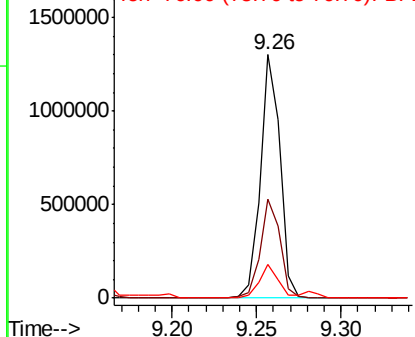


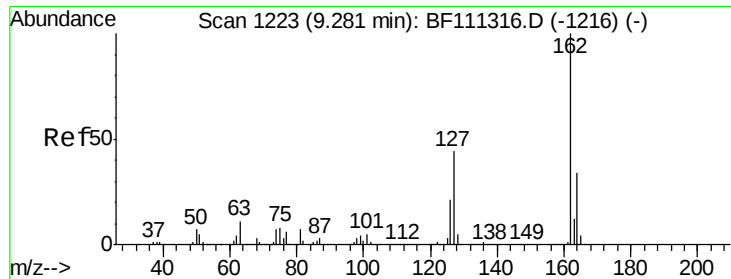
#46
 1,1'-Biphenyl
 Concen: 26.077 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Tgt Ion:154 Resp: 1051761
 Ion Ratio Lower Upper
 154 100
 153 40.6 23.7 63.7
 76 13.7 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

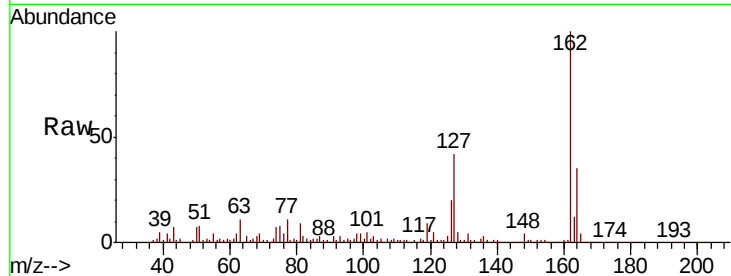




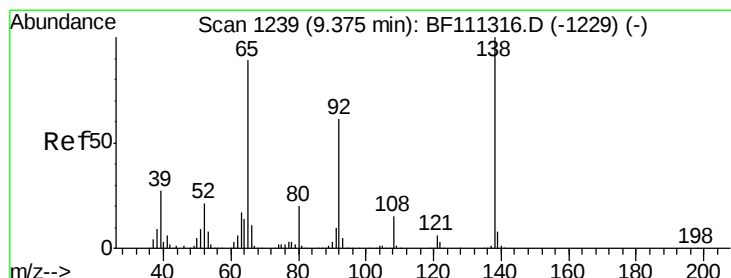
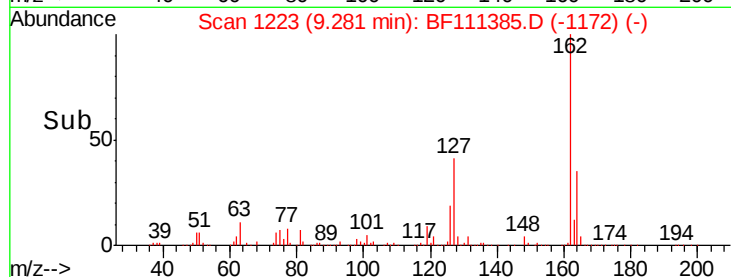
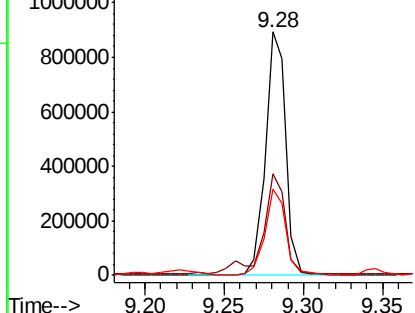
#47
 2-Chloronaphthalene
 Concen: 26.024 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	35.0	52.4
164	35.3	28.4	42.6

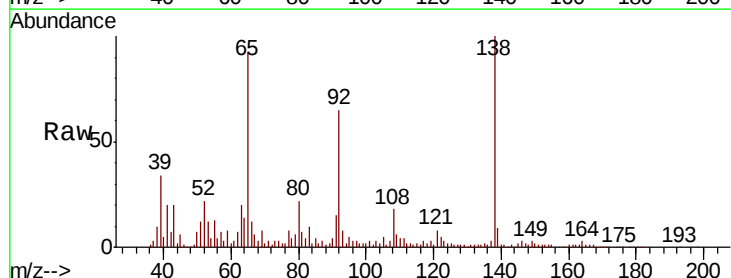


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

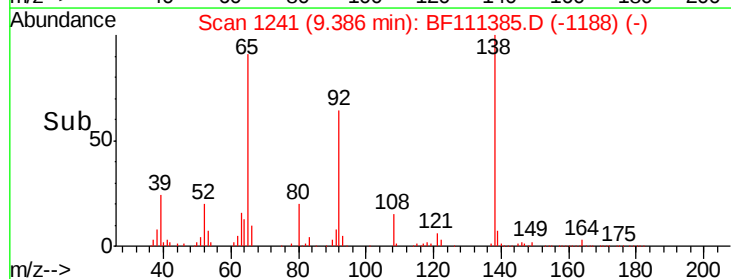
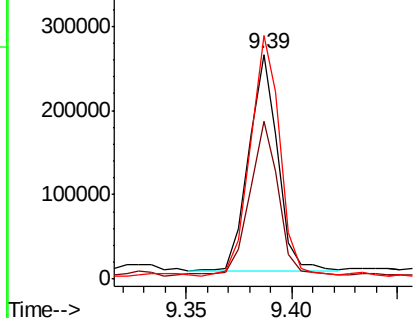


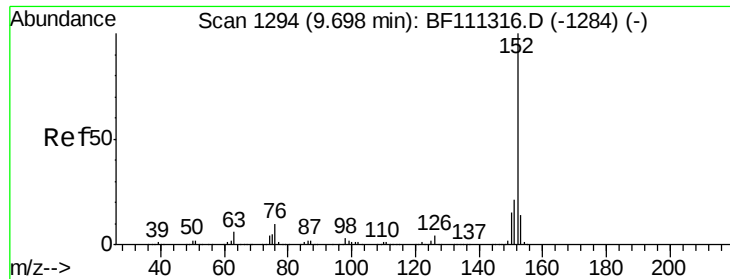
#48
 2-Nitroaniline
 Concen: 24.169 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.0	53.5	80.3
138	108.2	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

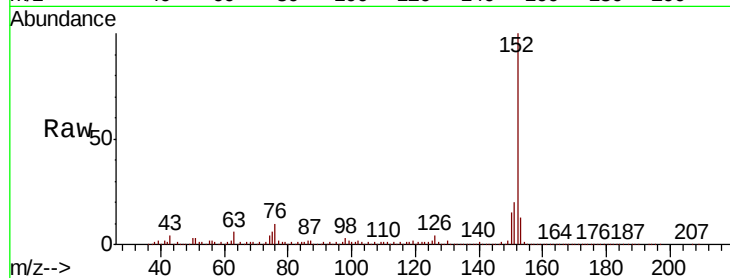




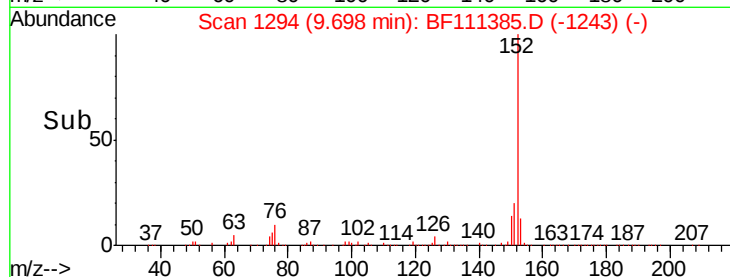
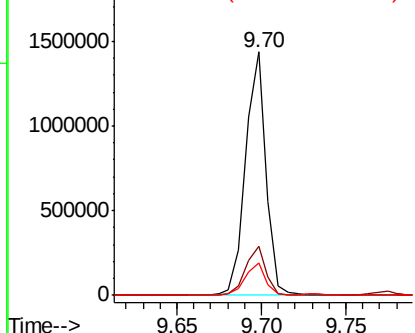
#49
Acenaphthylene
Concen: 26.814 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tgt Ion:152 Resp: 1210030
Ion Ratio Lower Upper
152 100
151 20.3 18.0 27.0
153 13.5 12.3 18.5

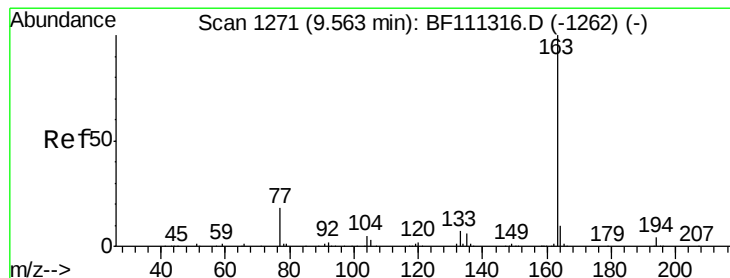


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

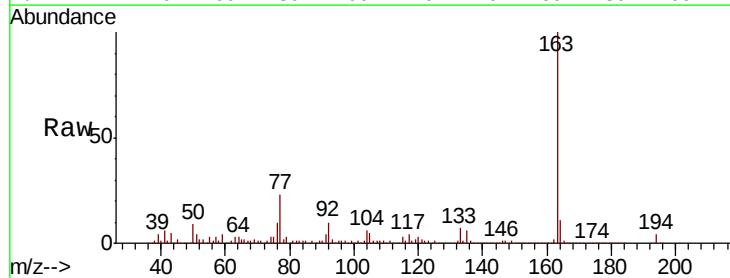
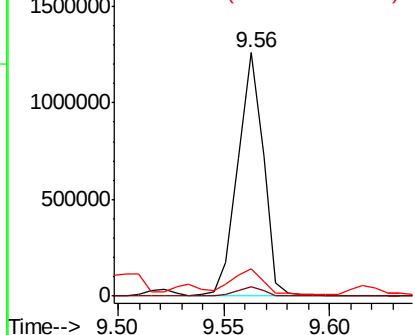


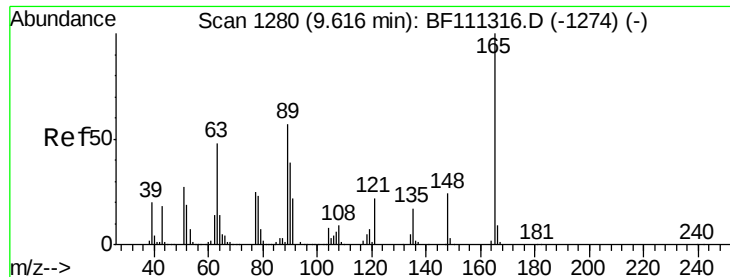
#50
Dimethylphthalate
Concen: 30.777 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion:163 Resp: 1046206
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 11.2 8.9 13.3



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





#51

2,6-Dinitrotoluene

Concen: 23.748 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MS

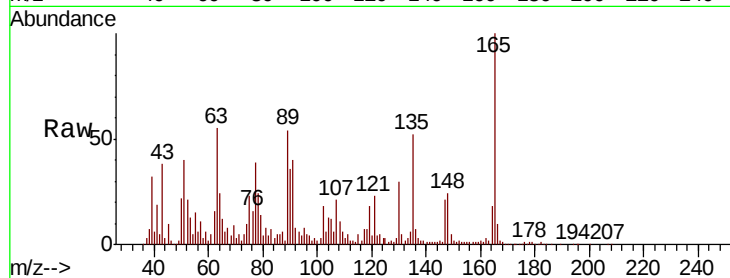
Tgt Ion:165 Resp: 178943

Ion Ratio Lower Upper

165 100

63 55.4 40.5 60.7

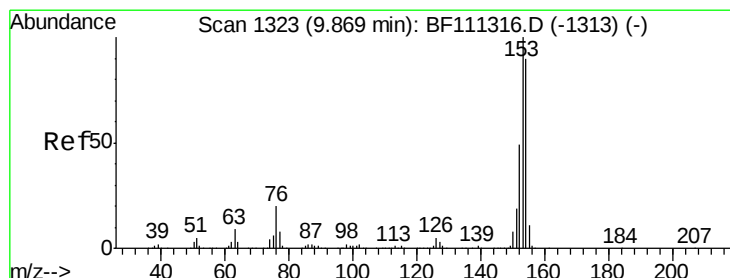
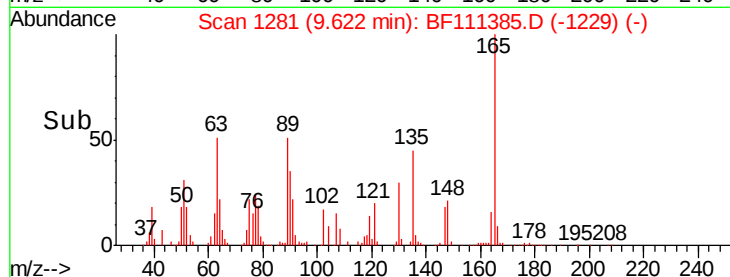
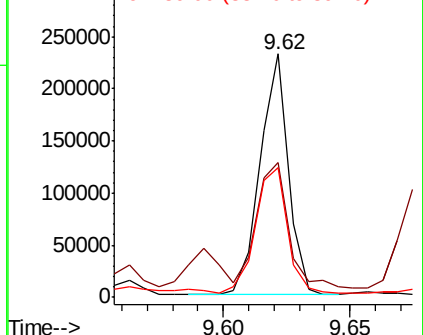
89 53.5 40.0 60.0



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: 23.971 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

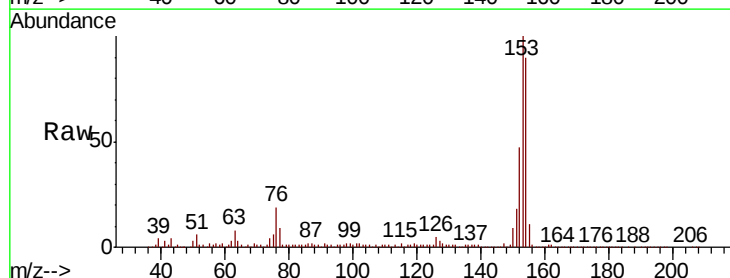
Tgt Ion:154 Resp: 682283

Ion Ratio Lower Upper

154 100

153 111.2 87.8 131.8

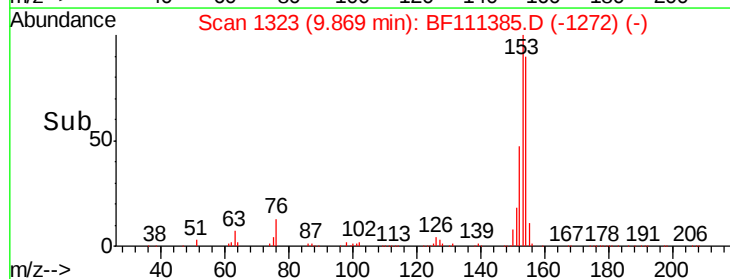
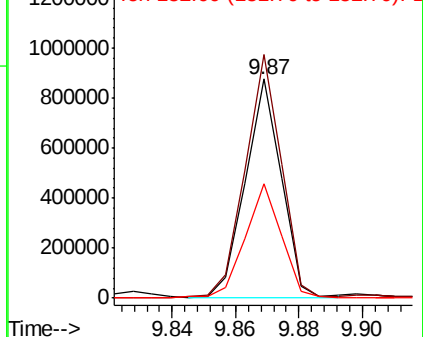
152 52.4 43.4 65.2

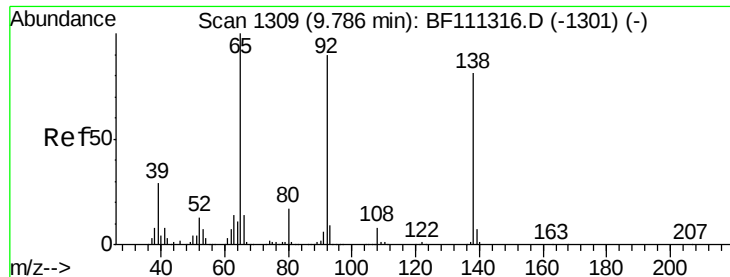


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

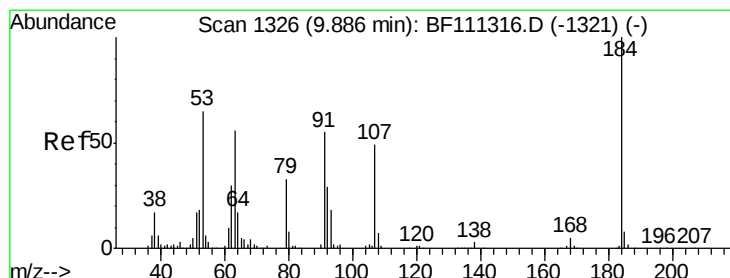
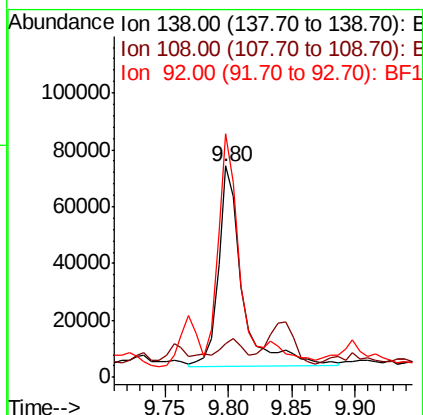
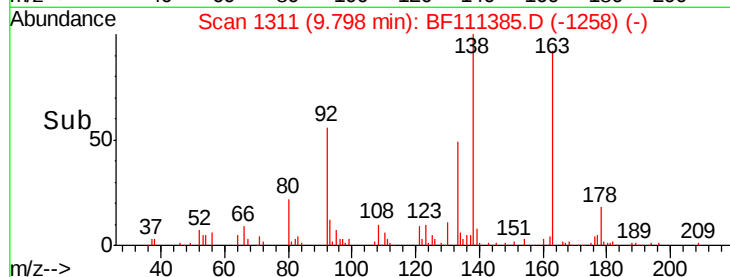
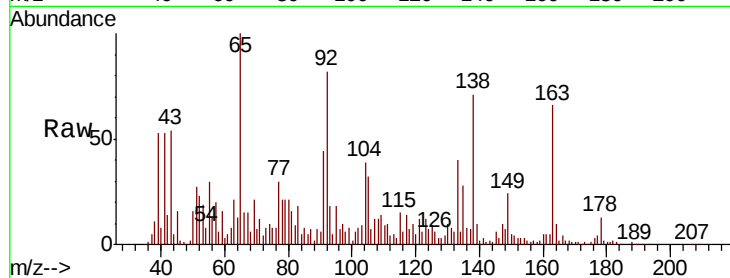




#53
3-Nitroaniline
Concen: 10.150 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

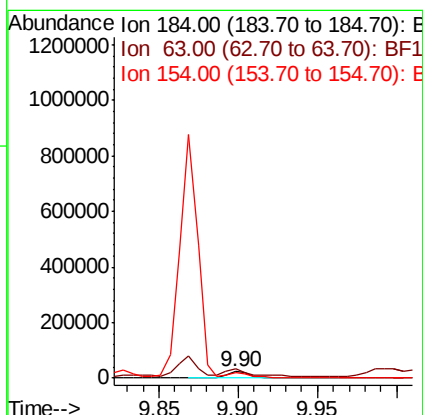
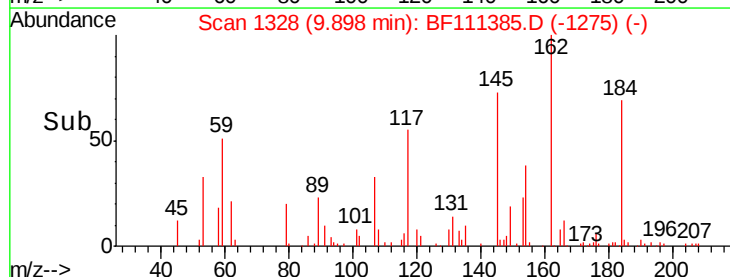
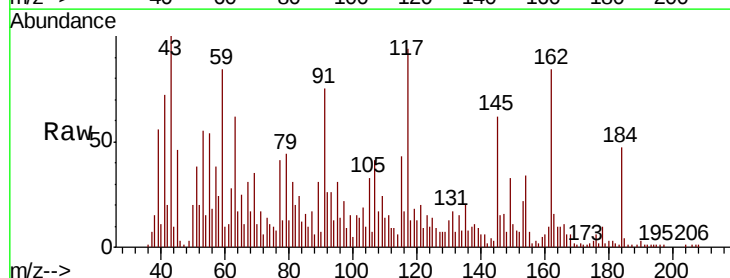
Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

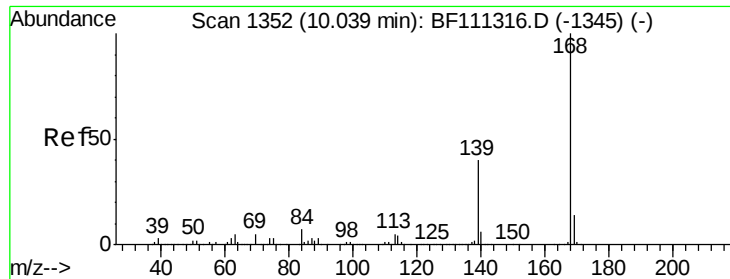
Tgt Ion:138 Resp: 91923
Ion Ratio Lower Upper
138 100
108 16.2 8.2 12.4#
92 115.4 93.4 140.2



#54
2,4-Dinitrophenol
Concen: 7.990 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion:184 Resp: 23620
Ion Ratio Lower Upper
184 100
63 131.5 62.3 93.5#
154 72.8 56.2 84.2

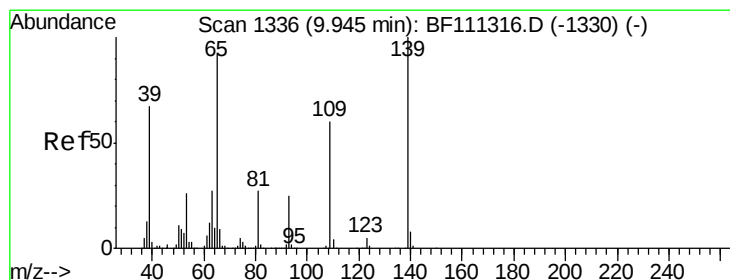
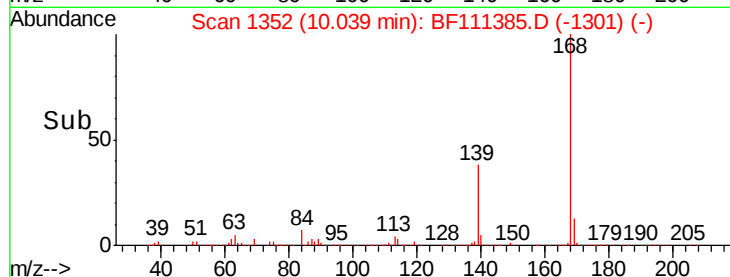
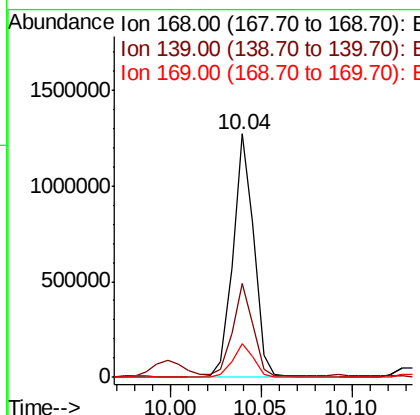
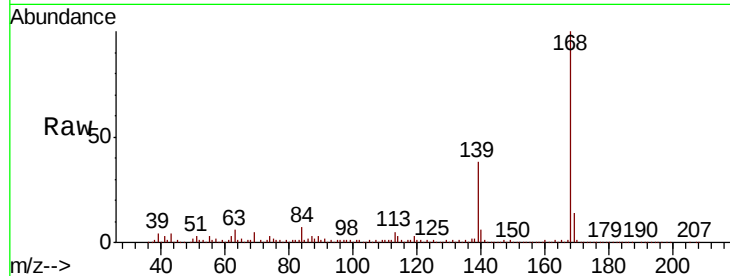




#55
Dibenzofuran
Concen: 24.673 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

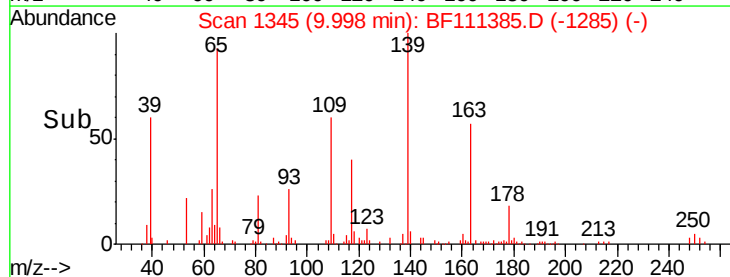
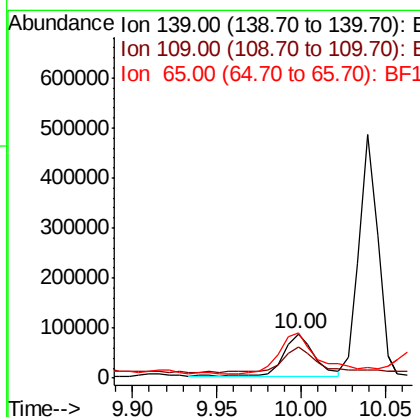
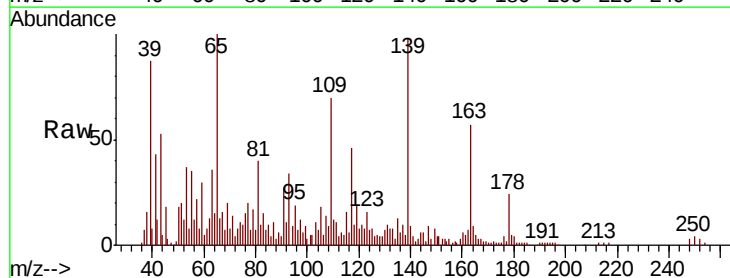
Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

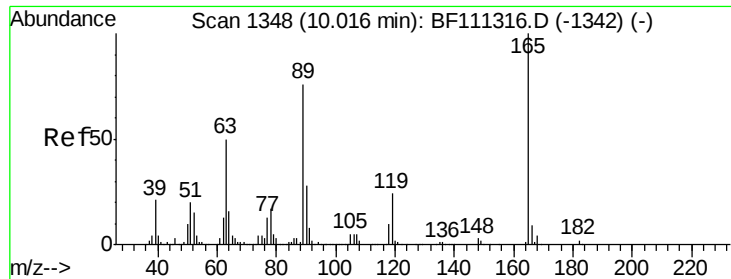
Tgt Ion:168 Resp: 1013806
Ion Ratio Lower Upper
168 100
139 38.3 32.6 49.0
169 13.6 11.8 17.6



#56
4-Nitrophenol
Concen: 16.561 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.05 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion:139 Resp: 108017
Ion Ratio Lower Upper
139 100
109 70.7 41.8 81.8
65 101.6 79.6 119.6

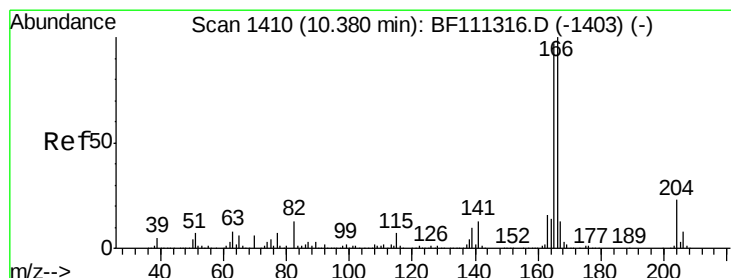
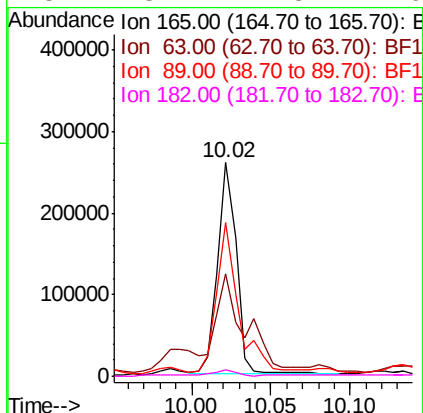
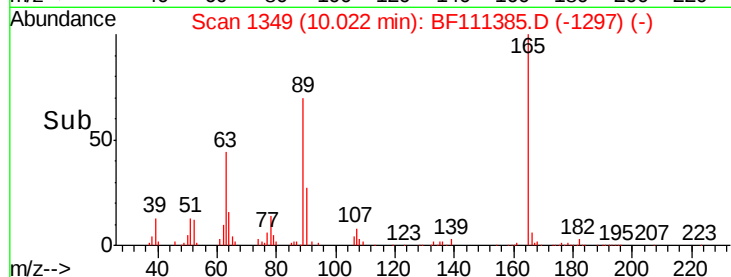
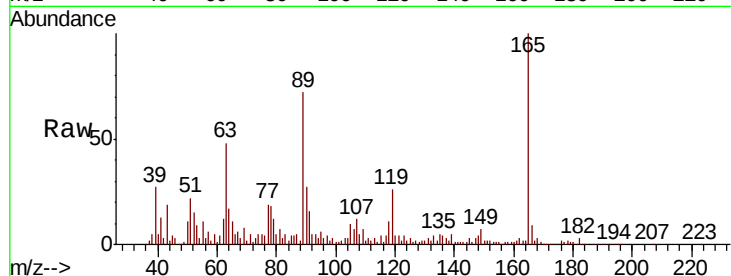




#57
 2,4-Dinitrotoluene
 Concen: 22.284 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.01 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

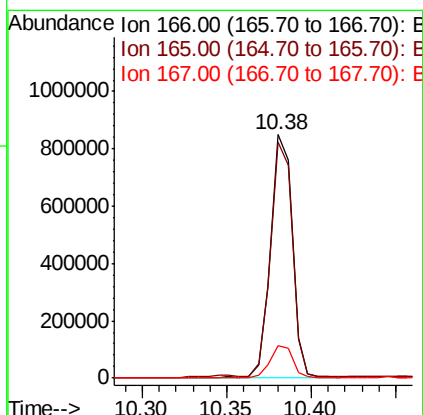
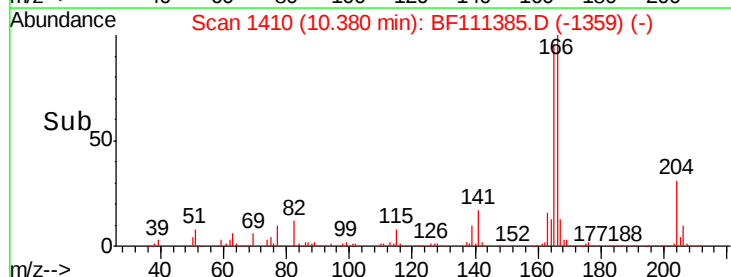
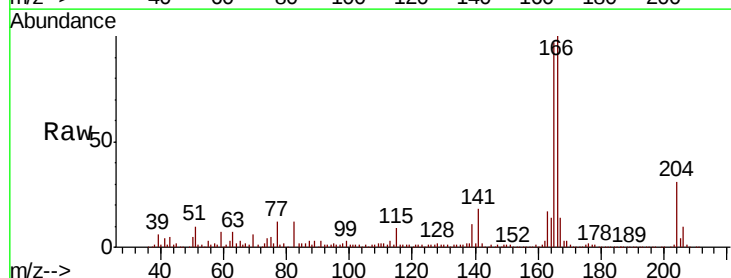
Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MS

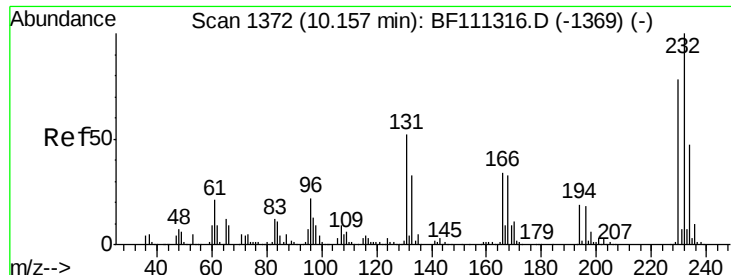
Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.7	34.6	52.0
89	72.2	56.2	84.4
182	3.1	1.8	2.6



#58
 Fluorene
 Concen: 25.571 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.4	117.6
167	13.5	11.2	16.8

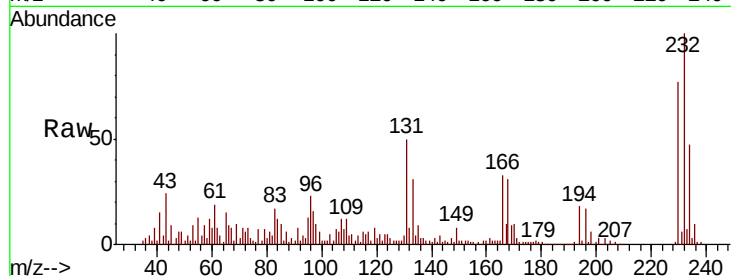




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 22.369 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.02 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.6	40.9	61.3
130	1.9	2.0	3.0
166	32.2	26.8	40.2



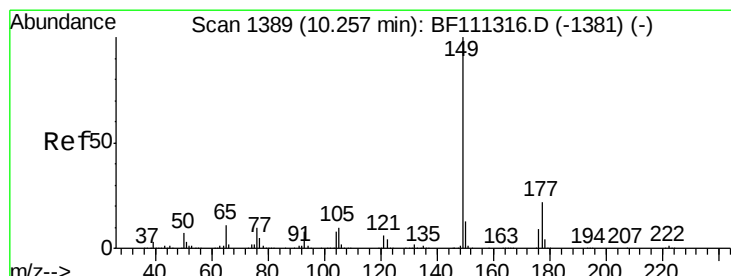
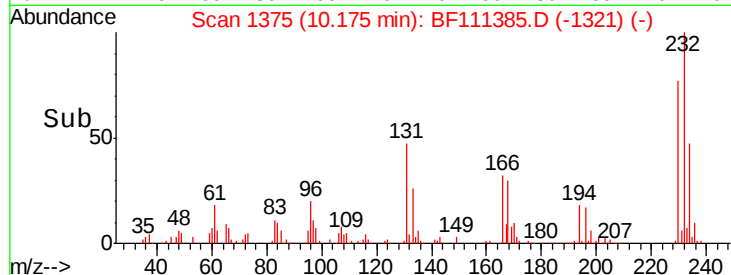
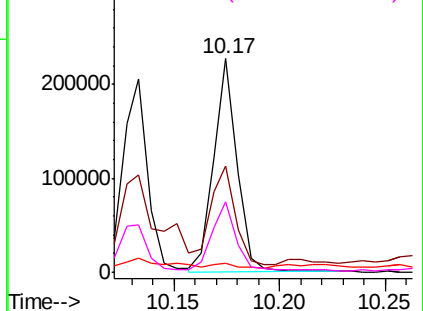
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

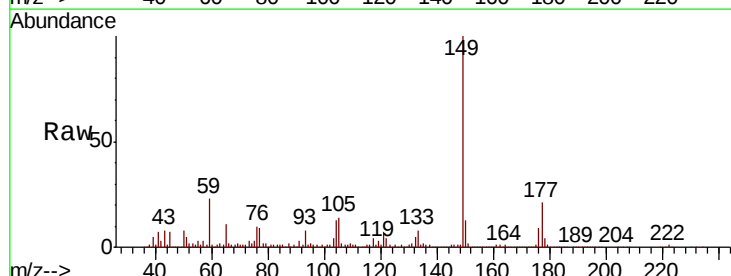
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 23.890 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	18.3	27.5
150	12.7	10.6	15.8

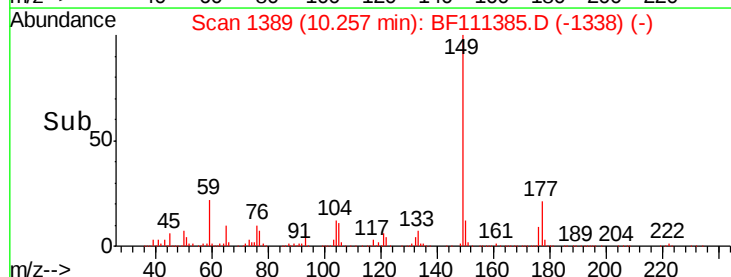
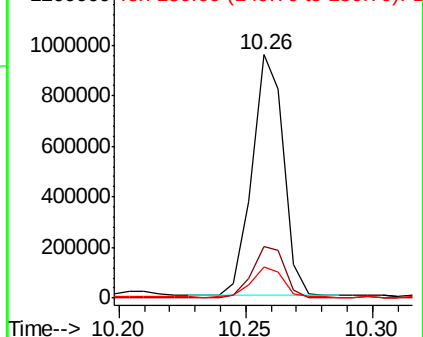


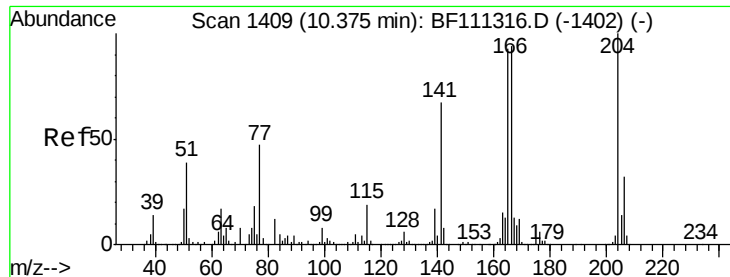
Abundance

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

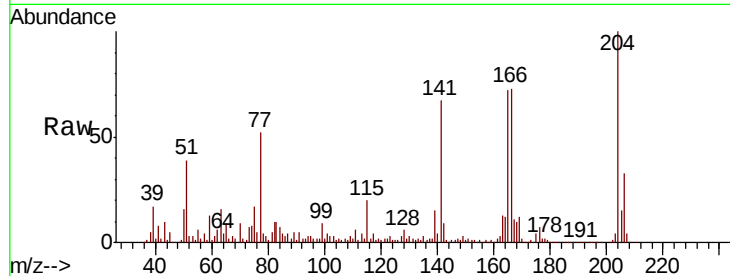




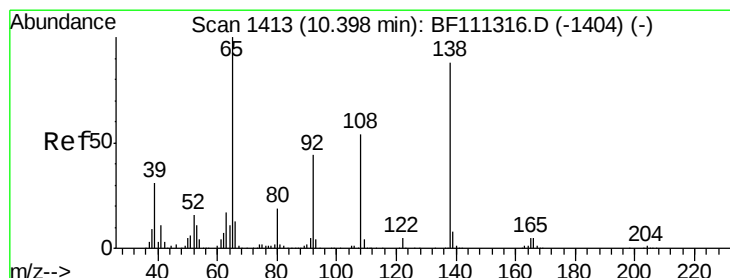
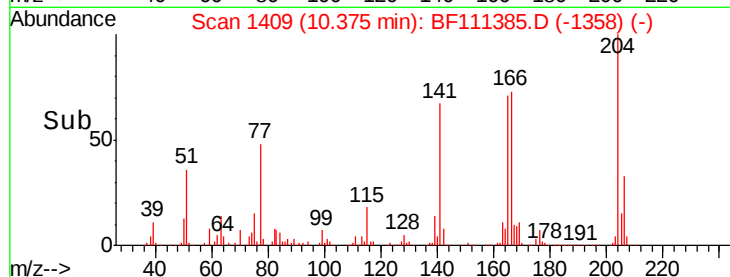
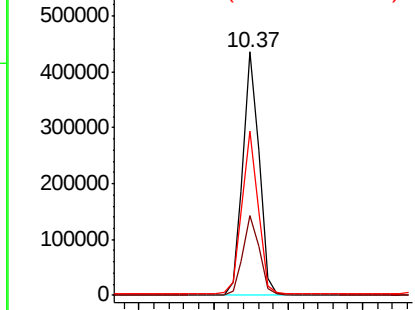
#61
4-Chlorophenyl-phenylether
Concen: 23.000 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tgt Ion: 204 Resp: 335158
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 67.4 52.6 78.8

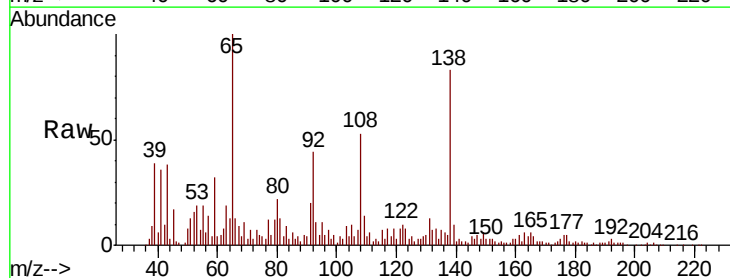


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

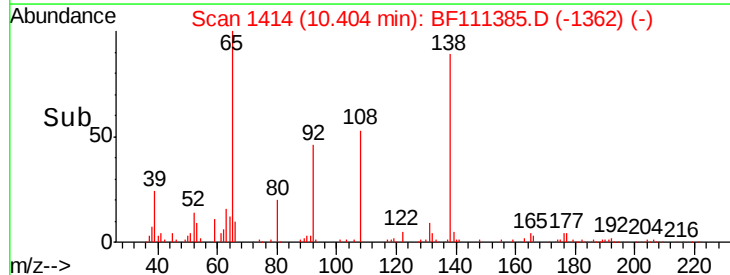
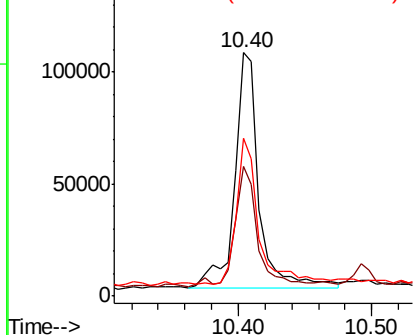


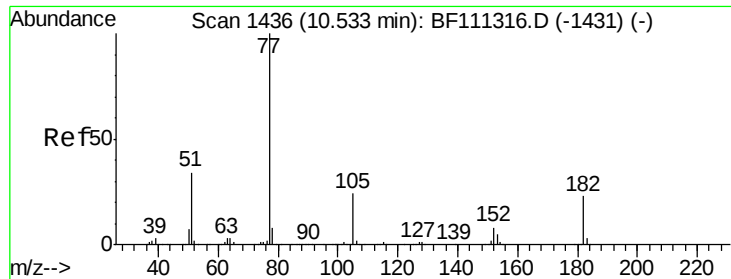
#62
4-Nitroaniline
Concen: 15.363 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion: 138 Resp: 133741
Ion Ratio Lower Upper
138 100
92 53.4 29.9 69.9
108 64.7 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

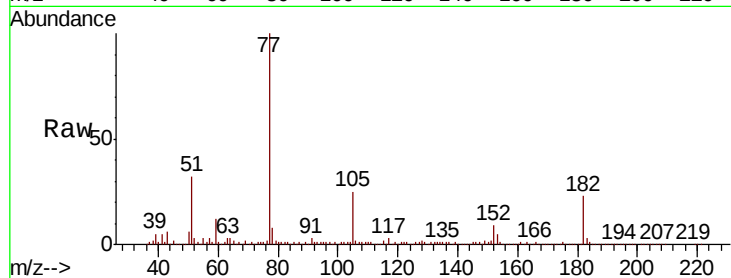




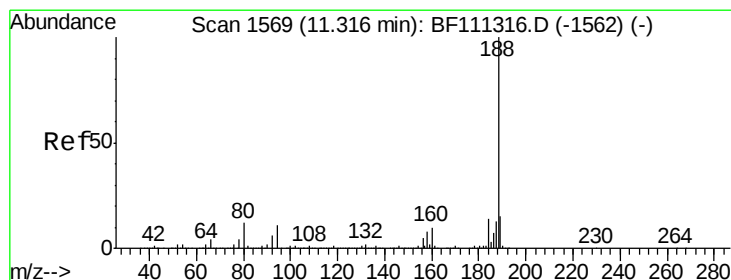
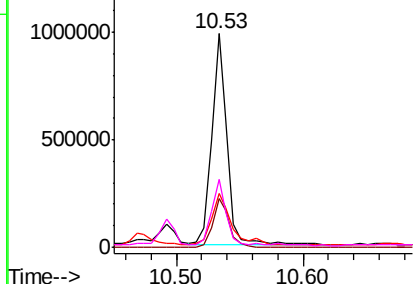
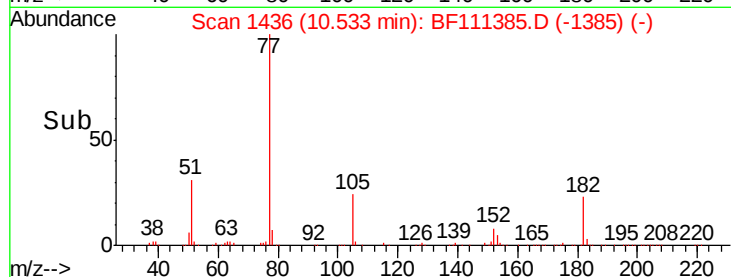
#63
Azobenzene
Concen: 23.801 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tgt Ion: 77 Resp: 821263
Ion Ratio Lower Upper
77 100
182 22.6 4.9 44.9
105 24.9 6.0 46.0
51 31.6 14.7 54.7

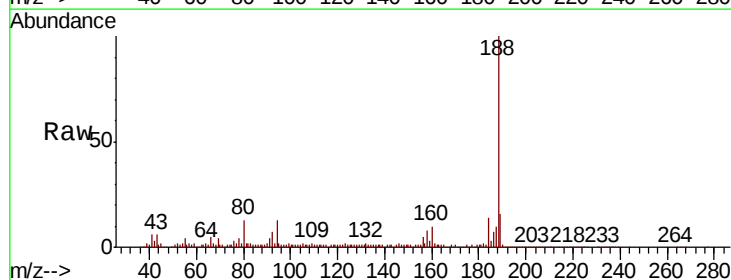


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

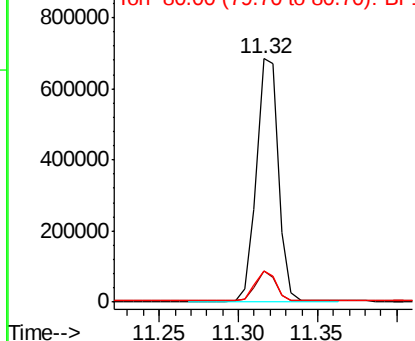
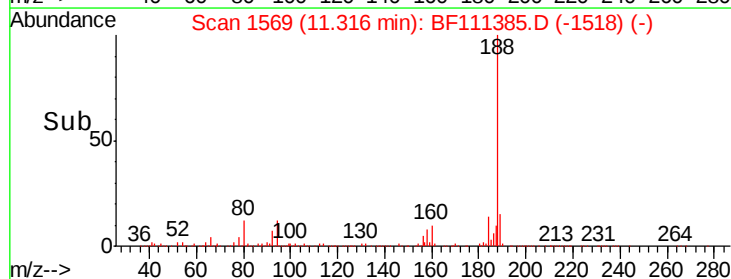


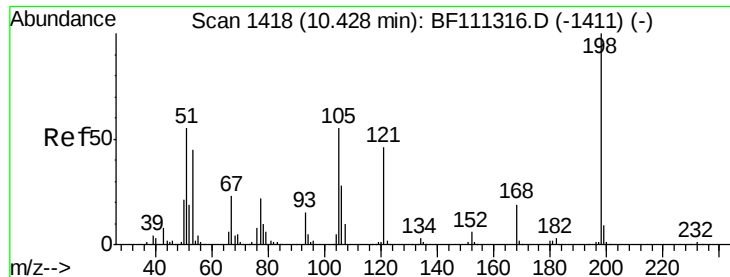
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion: 188 Resp: 663315
Ion Ratio Lower Upper
188 100
94 12.7 9.6 14.4
80 12.9 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

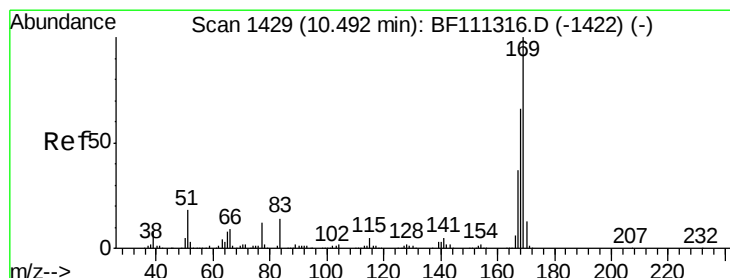
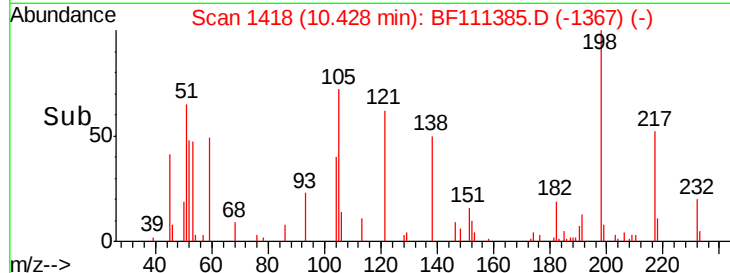
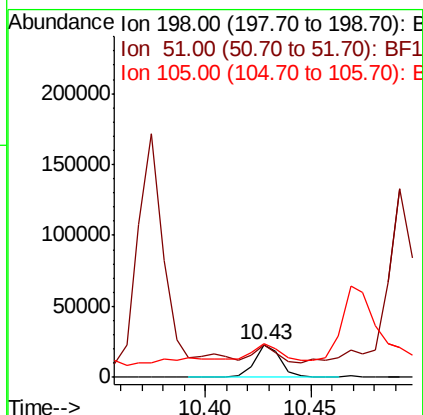
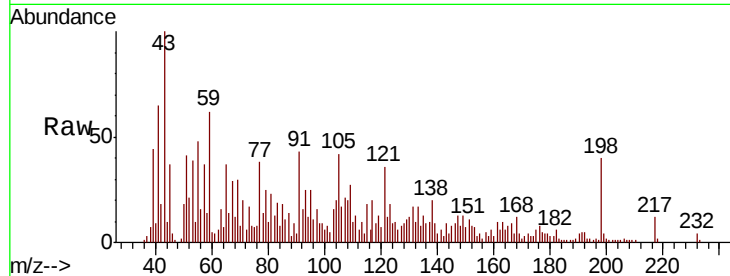




#65
4,6-Dinitro-2-methylphenol
Concen: 5.461 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

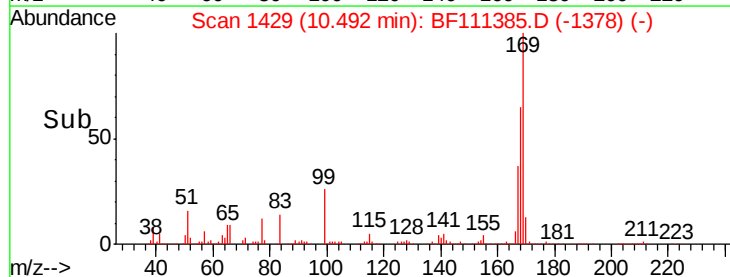
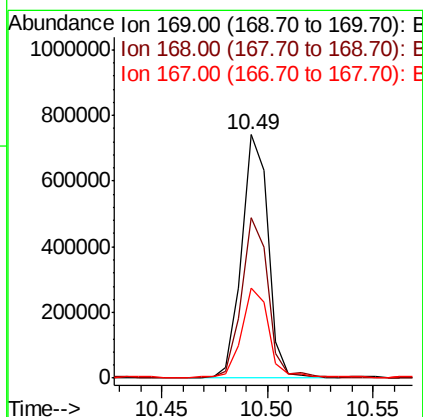
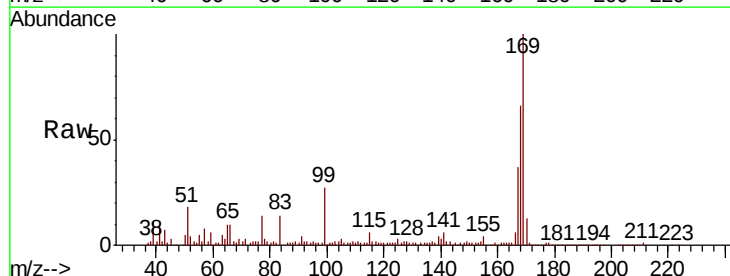
Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

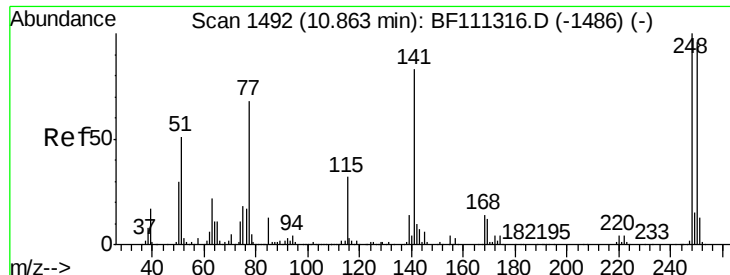
Tgt Ion:198 Resp: 20795
Ion Ratio Lower Upper
198 100
51 100.7 48.0 88.0#
105 104.4 34.0 74.0#



#66
n-Nitrosodiphenylamine
Concen: 27.102 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion:169 Resp: 639491
Ion Ratio Lower Upper
169 100
168 65.6 54.4 81.6
167 37.0 30.5 45.7

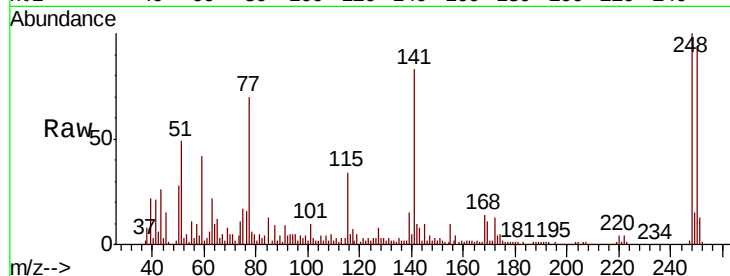




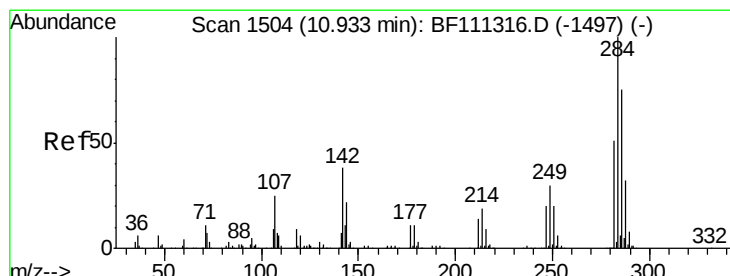
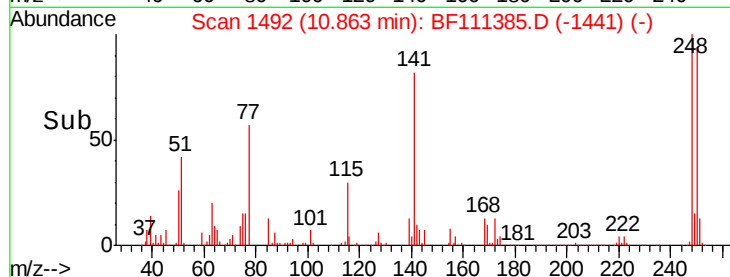
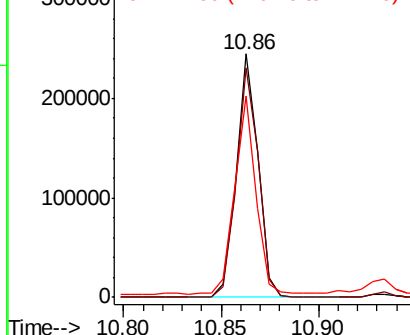
#67
4-Bromophenyl-phenylether
Concen: 25.429 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tgt Ion:248 Resp: 187777
Ion Ratio Lower Upper
248 100
250 94.4 77.0 115.4
141 82.9 63.0 94.6

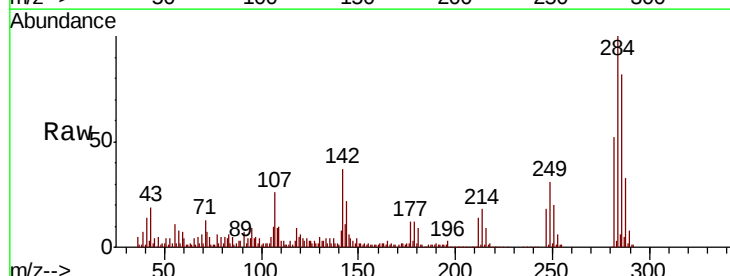


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

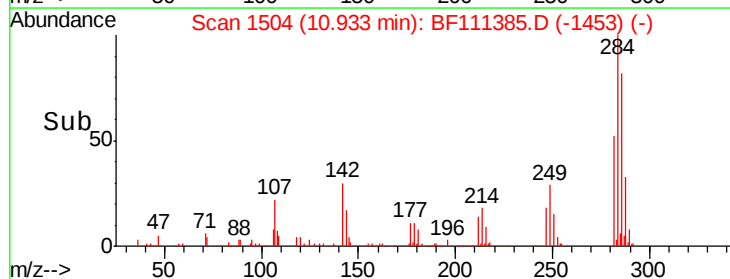
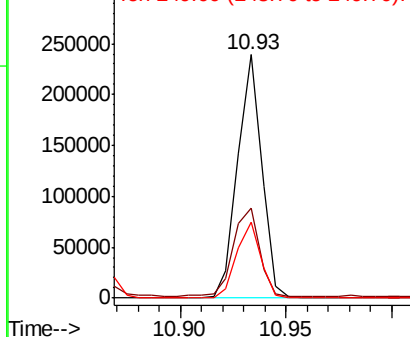


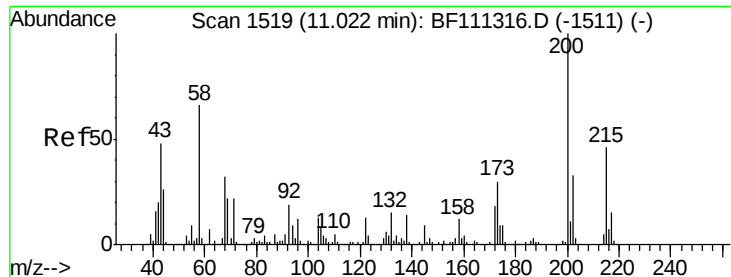
#68
Hexachlorobenzene
Concen: 24.826 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion:284 Resp: 188769
Ion Ratio Lower Upper
284 100
142 37.2 27.4 41.2
249 30.9 24.4 36.6



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





#69

Atrazine

Concen: 18.856 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.02 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MS

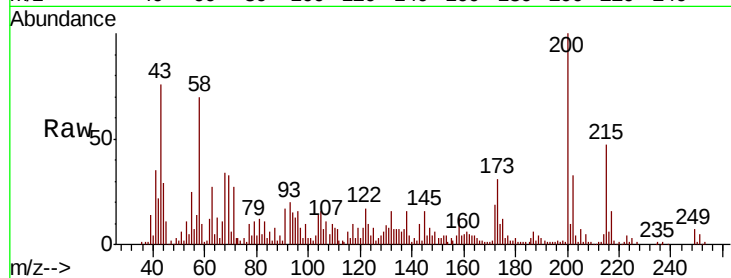
Tgt Ion:200 Resp: 128683

Ion Ratio Lower Upper

200 100

173 30.7 10.1 50.1

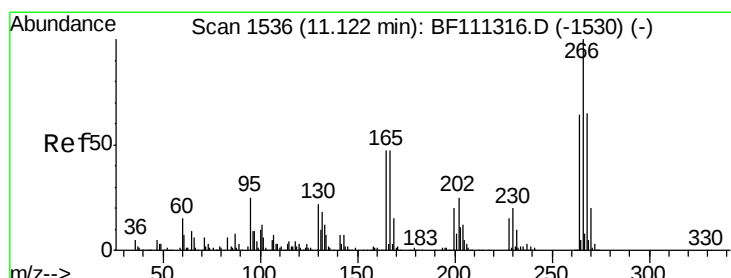
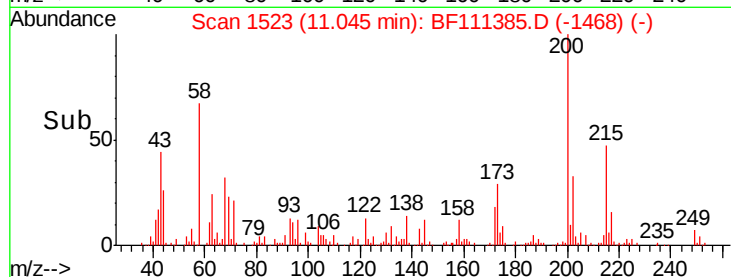
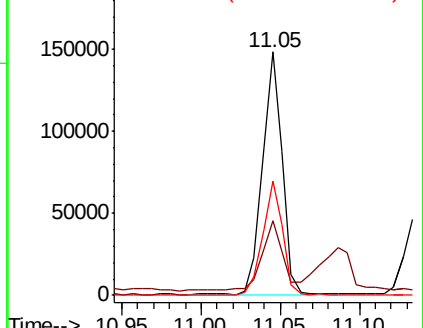
215 46.8 26.9 66.9



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



#70

Pentachlorophenol

Concen: 40.485 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

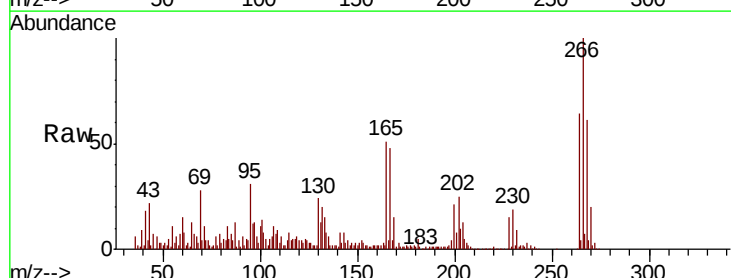
Tgt Ion:266 Resp: 204855

Ion Ratio Lower Upper

266 100

268 61.5 47.9 71.9

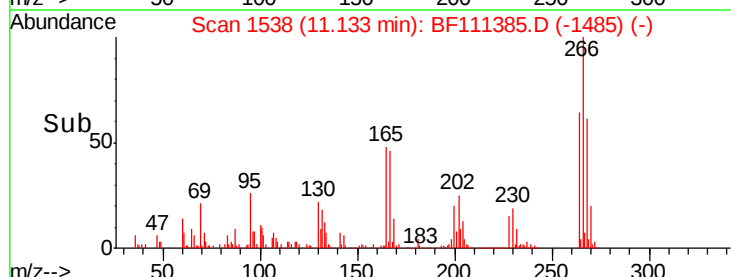
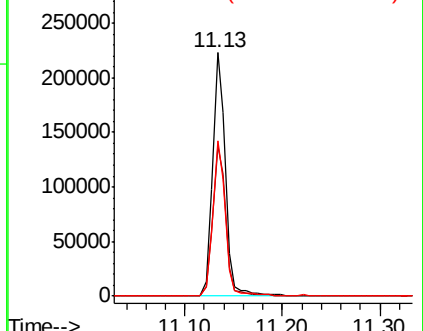
264 63.6 49.1 73.7

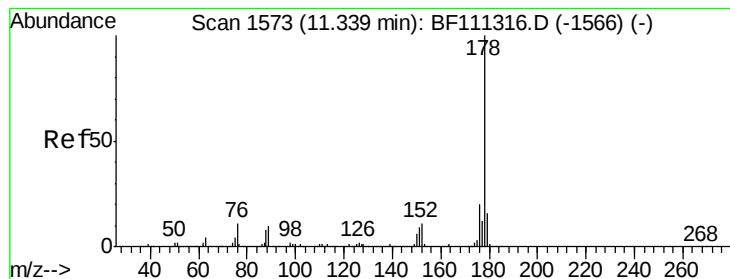


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 26.563 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MS

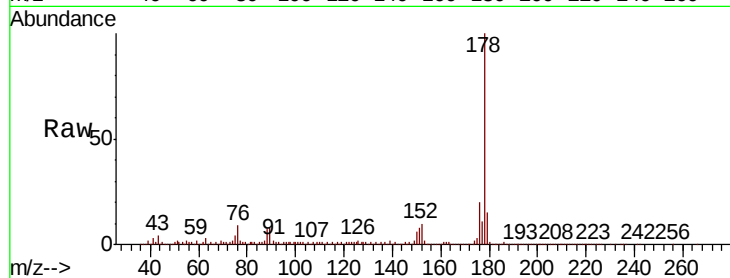
Tgt Ion:178 Resp: 910708

Ion Ratio Lower Upper

178 100

176 19.5 18.1 27.1

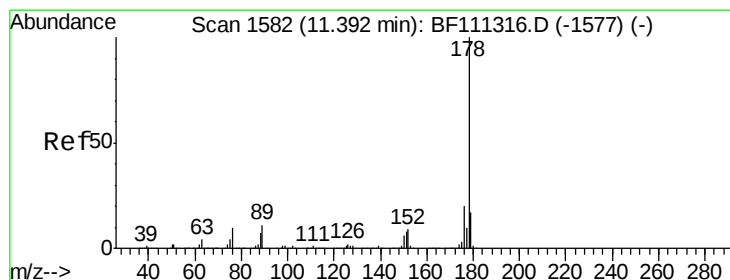
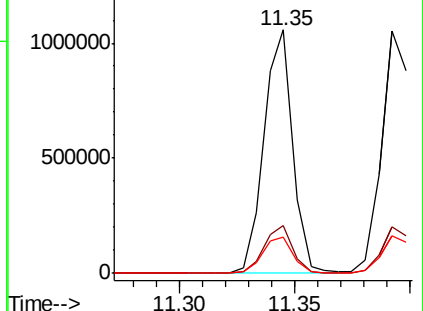
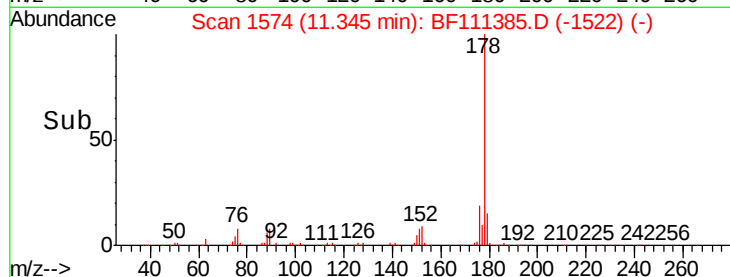
179 14.8 14.0 21.0



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: 26.361 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

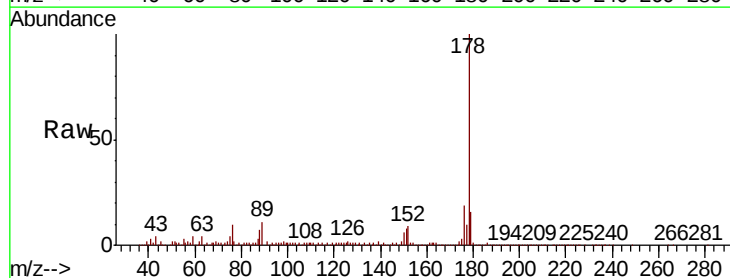
Tgt Ion:178 Resp: 920286

Ion Ratio Lower Upper

178 100

176 19.0 17.2 25.8

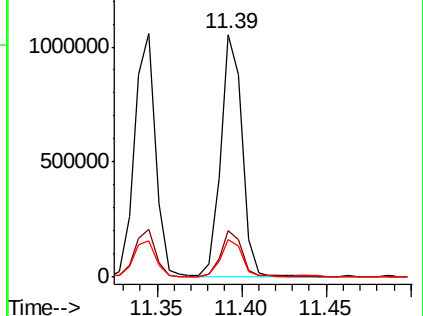
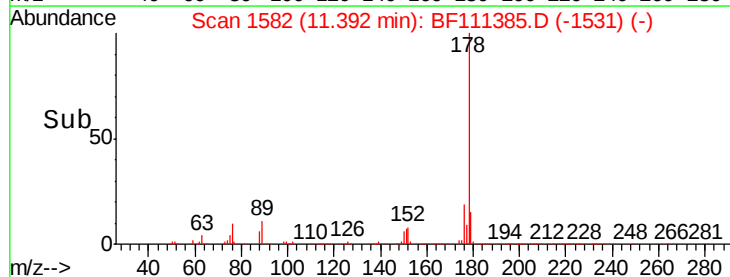
179 15.5 13.8 20.8

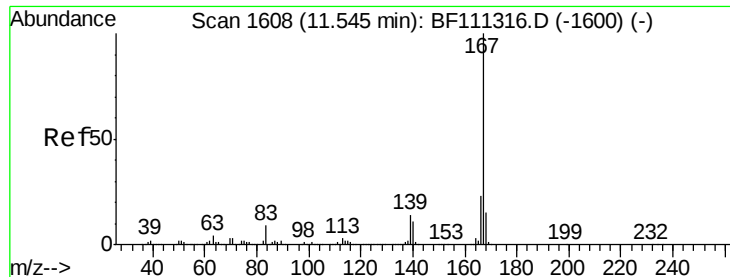


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 22.883 ng

RT: 11.55 min Scan# 1609

Delta R.T. 0.01 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MS

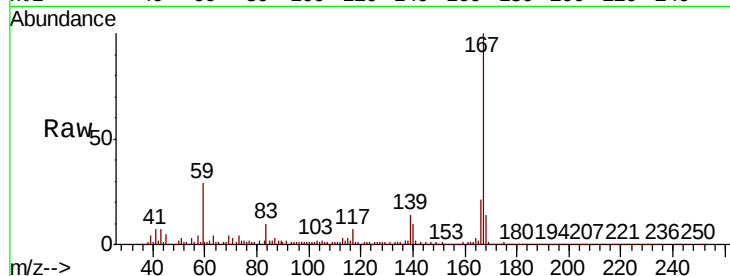
Tgt Ion:167 Resp: 825995

Ion Ratio Lower Upper

167 100

166 21.4 19.3 28.9

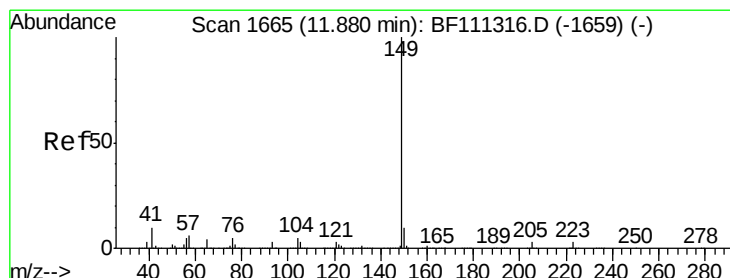
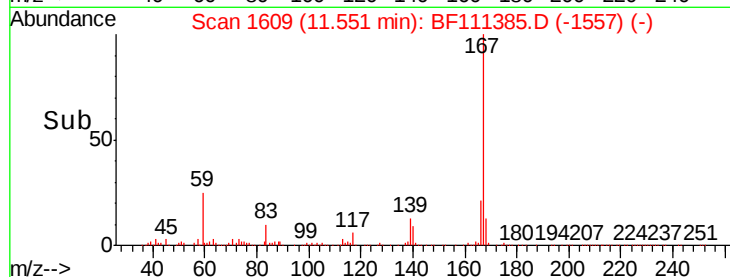
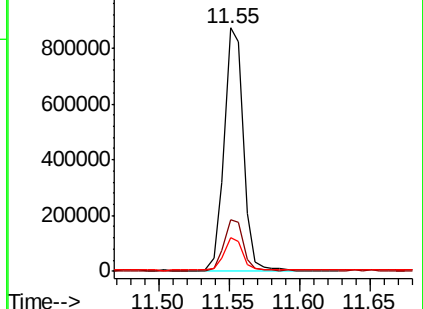
139 13.6 11.9 17.9



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: 26.242 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.01 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

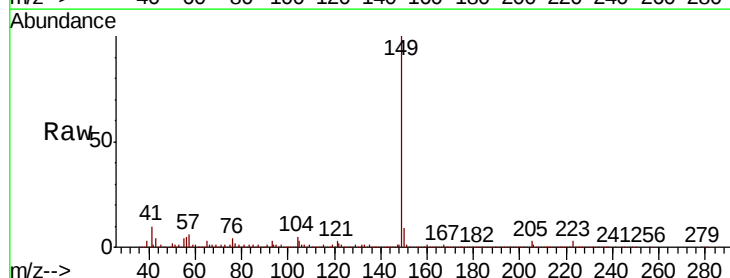
Tgt Ion:149 Resp: 1078554

Ion Ratio Lower Upper

149 100

150 9.5 8.8 13.2

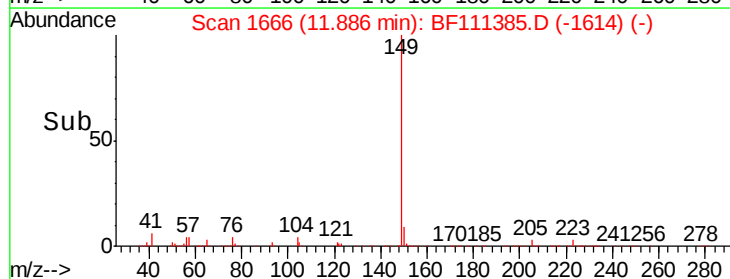
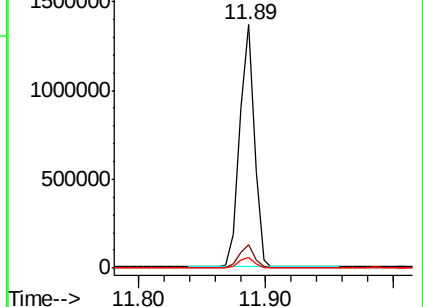
104 4.6 4.5 6.7

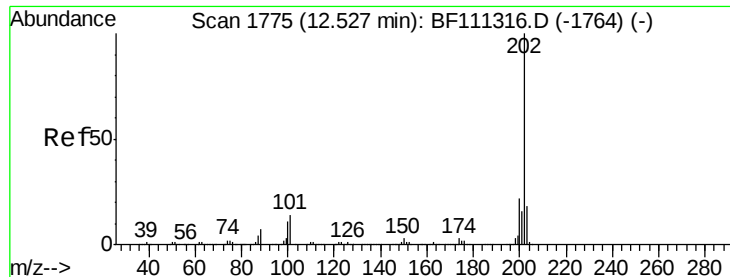


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 25.006 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MS

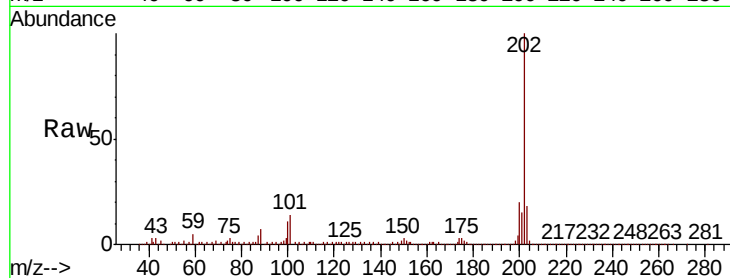
Tgt Ion:202 Resp: 836962

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.8

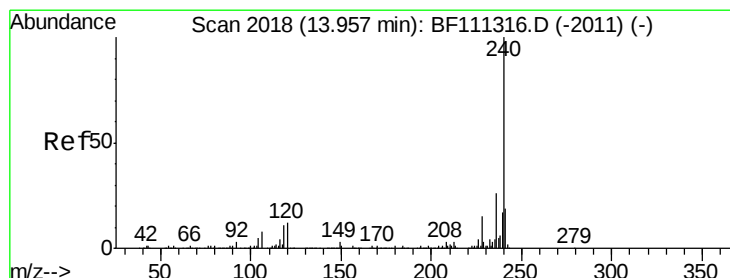
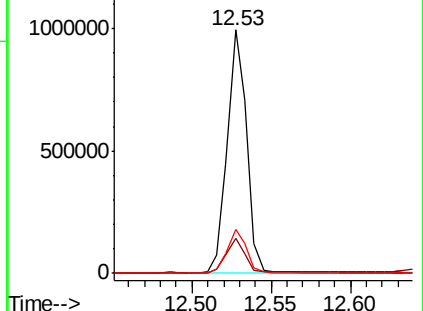
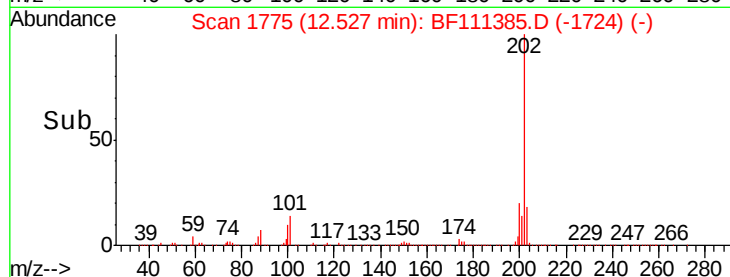
203 17.8 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

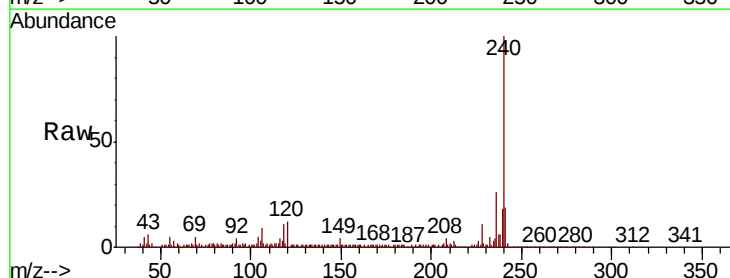
Tgt Ion:240 Resp: 388090

Ion Ratio Lower Upper

240 100

120 12.2 12.2 18.2

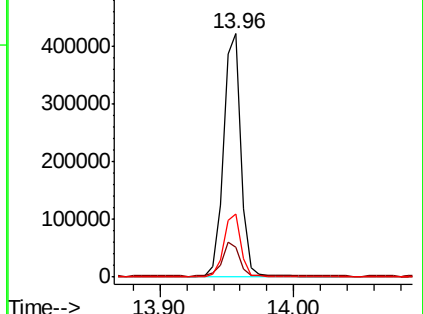
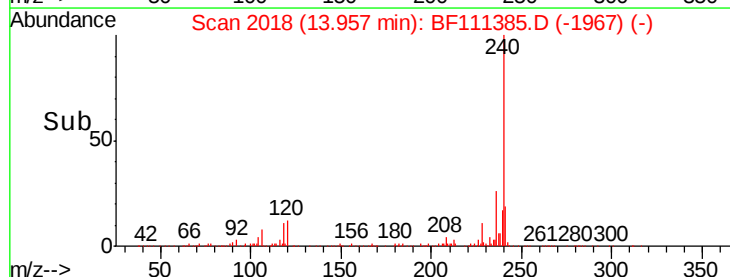
236 25.8 20.2 30.2

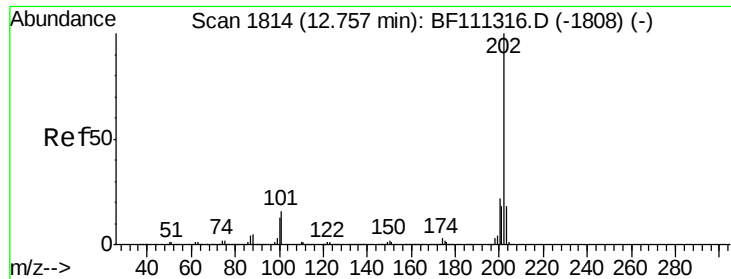


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

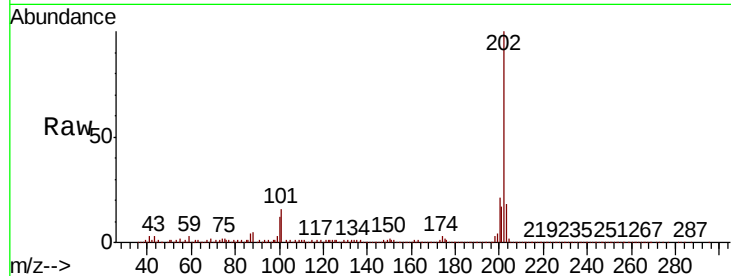




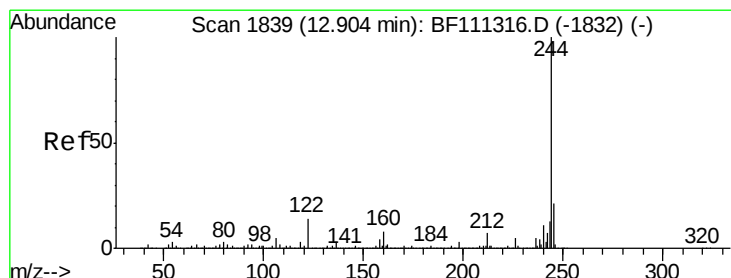
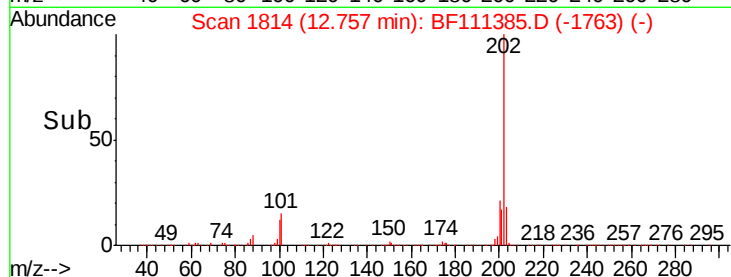
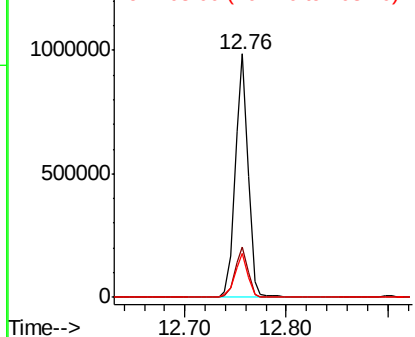
#78
 Pyrene
 Concen: 28.553 ng
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.00 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MS

Tgt Ion:	202	Resp:	855197
Ion	Ratio	Lower	Upper
202	100		
200	20.9	19.0	28.4
203	17.8	15.2	22.8

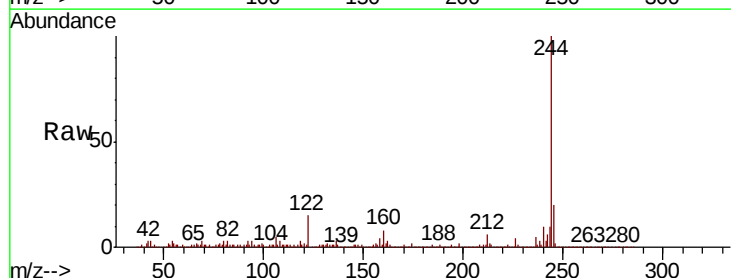


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

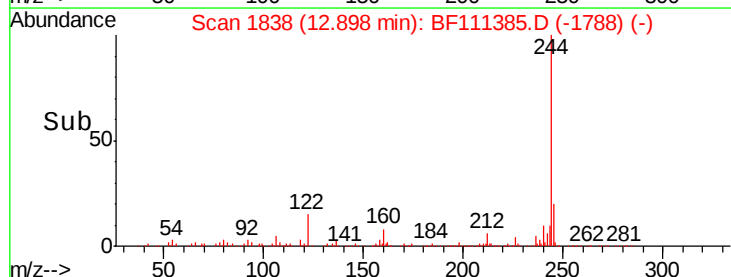
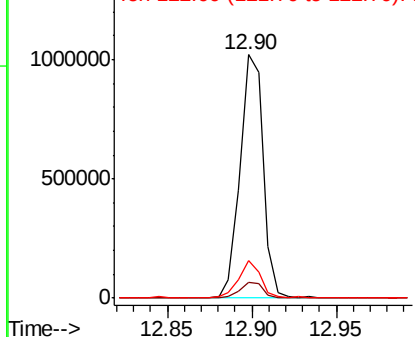


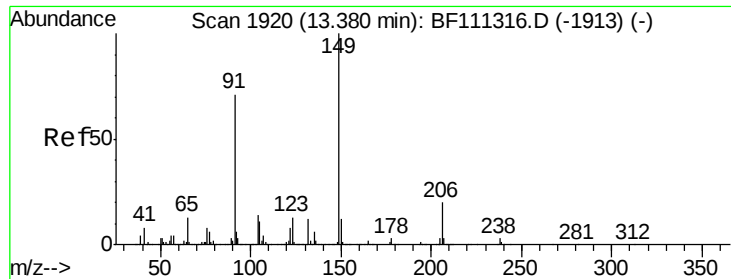
#79
 Terphenyl-d14
 Concen: 55.220 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Tgt Ion:	244	Resp:	973695
Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.7	8.5
122	15.3	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

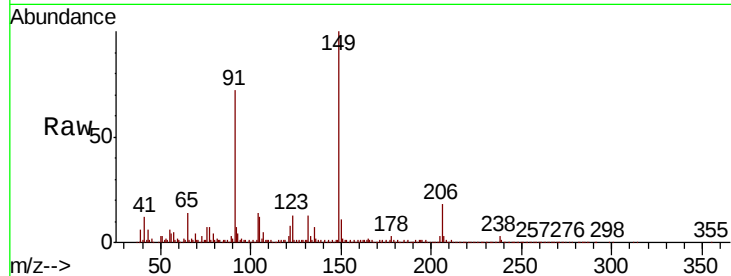




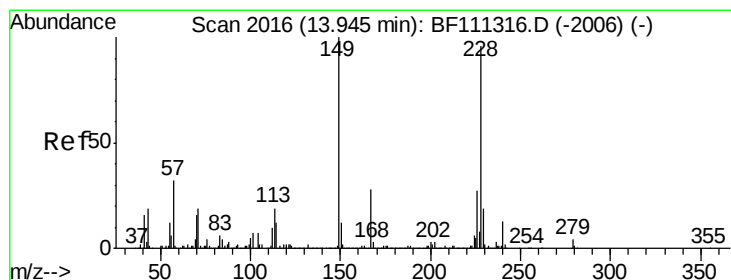
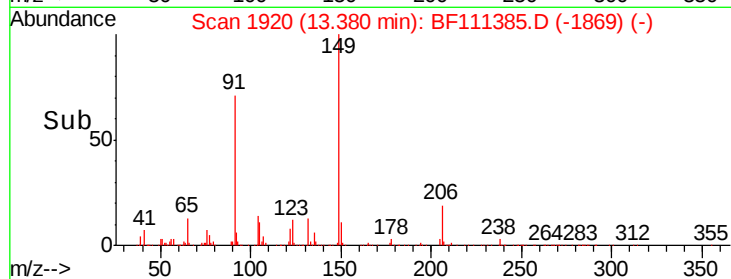
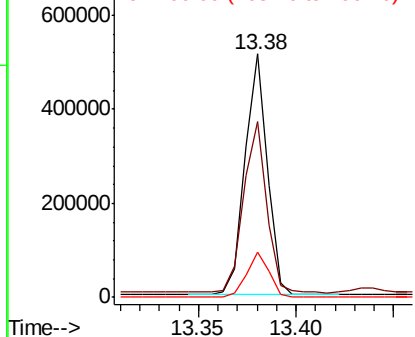
#80
Butylbenzylphthalate
Concen: 28.371 ng
RT: 13.38 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.1	63.8	95.6
206	18.5	15.1	22.7

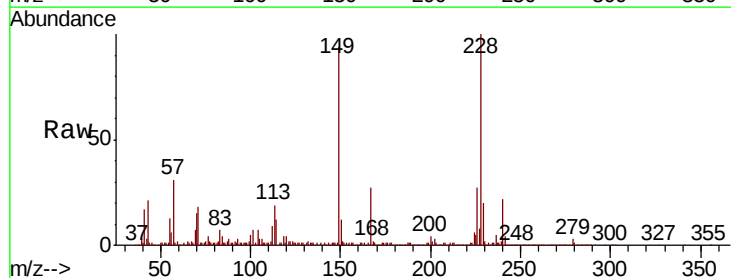


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

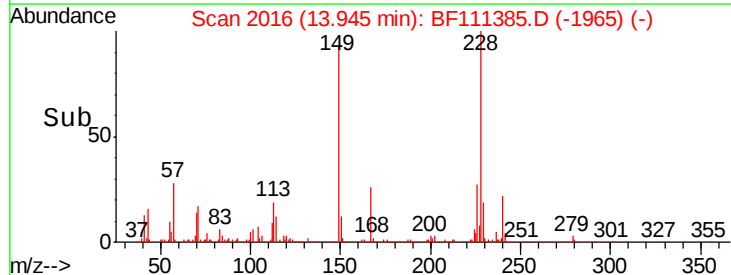
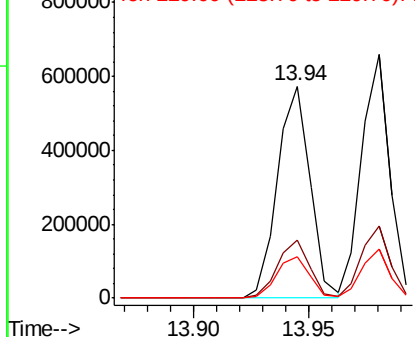


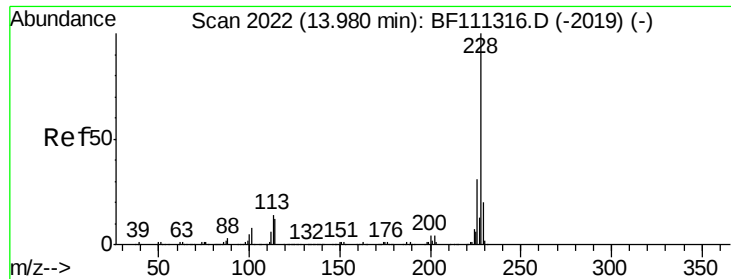
#81
Benzo(a)anthracene
Concen: 25.687 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	34.0
229	19.6	16.3	24.5



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





#83

Chrysene

Concen: 25.353 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MS

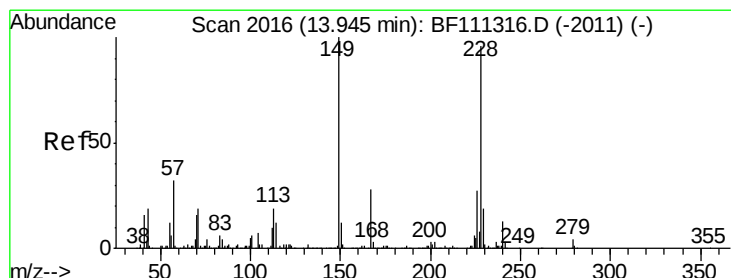
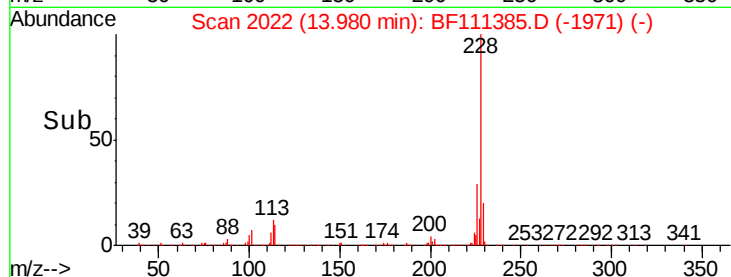
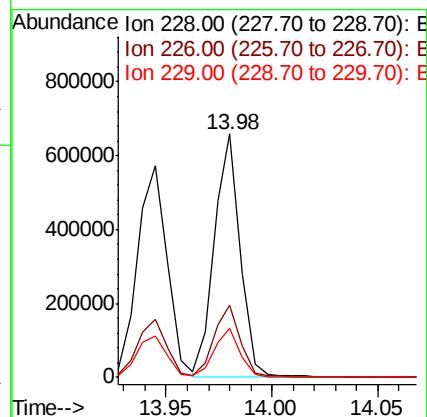
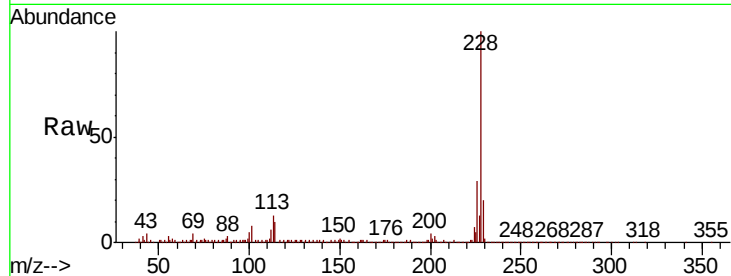
Tgt Ion:228 Resp: 561668

Ion Ratio Lower Upper

228 100

226 29.4 25.3 37.9

229 20.1 17.2 25.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 27.341 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

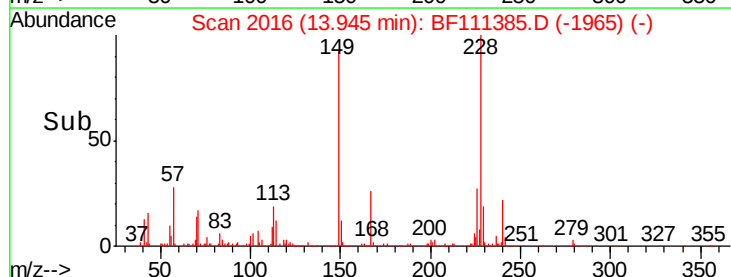
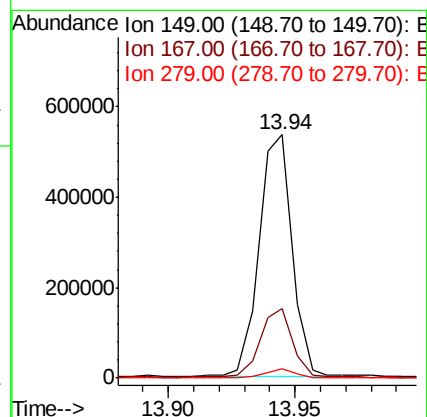
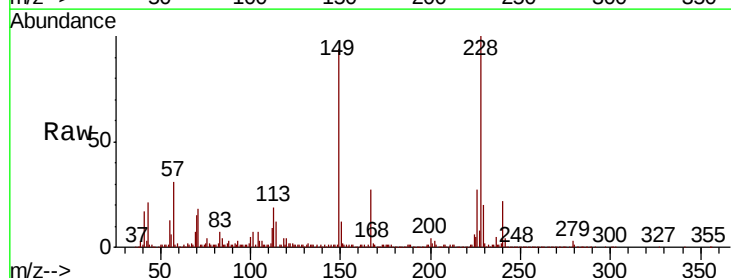
Tgt Ion:149 Resp: 480669

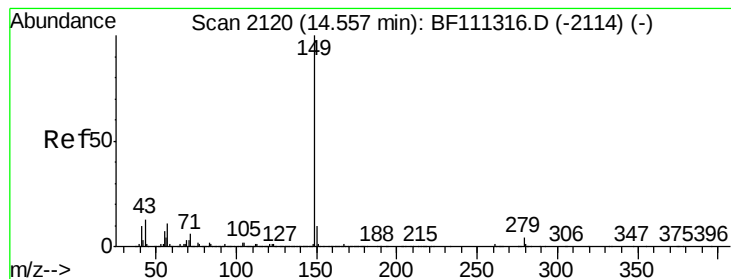
Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

279 3.6 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 27.637 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MS

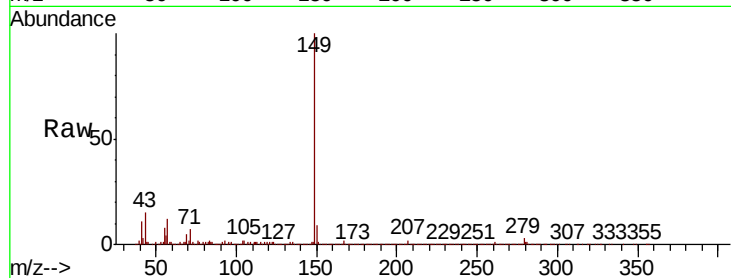
Tgt Ion:149 Resp: 797806

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

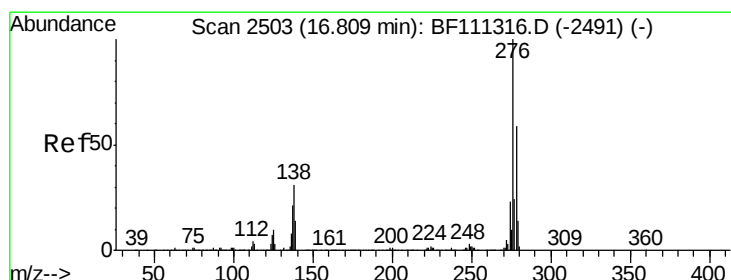
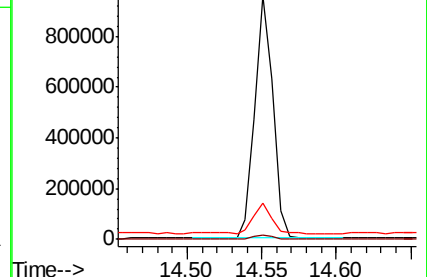
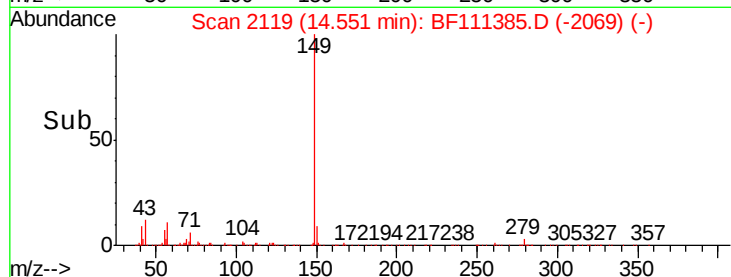
43 12.2 10.9 16.3



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: 28.404 ng

RT: 16.80 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

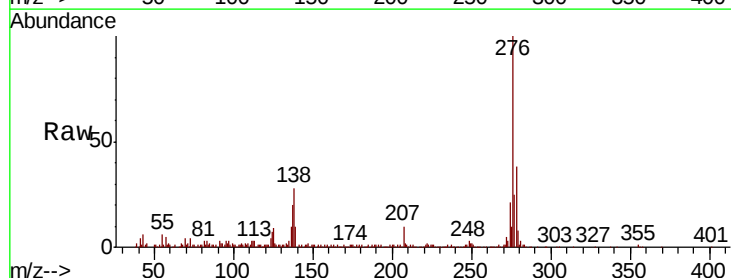
Tgt Ion:276 Resp: 492159

Ion Ratio Lower Upper

276 100

138 32.8 27.8 41.6

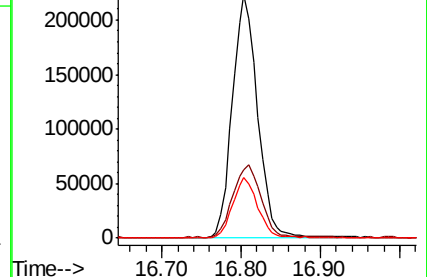
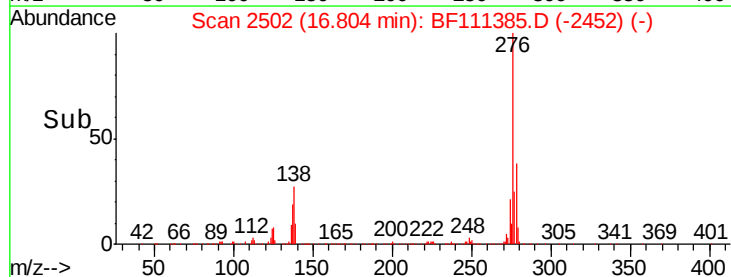
277 24.8 20.1 30.1

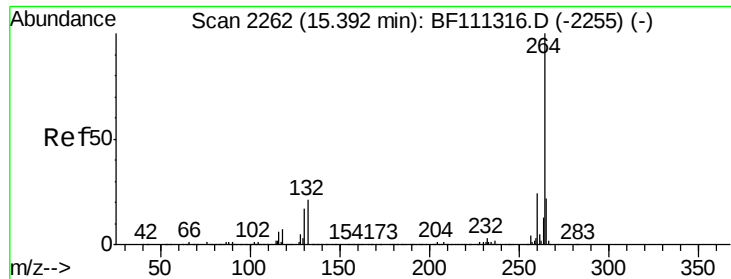


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MS

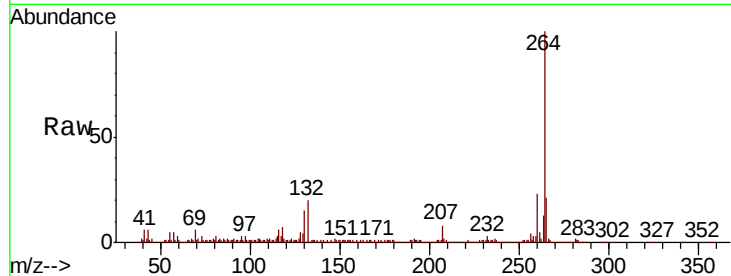
Tgt Ion:264 Resp: 328421

Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

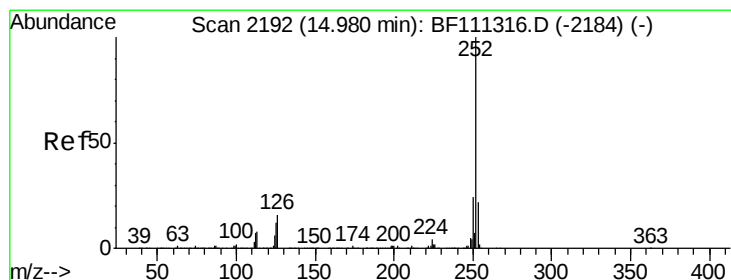
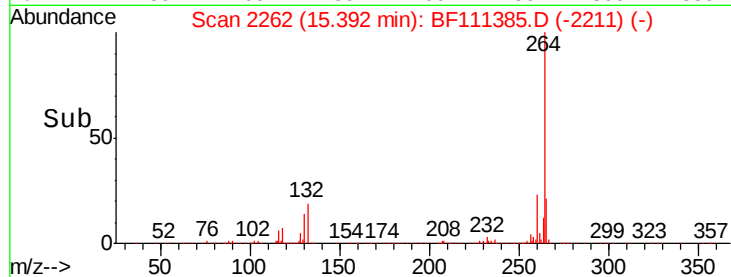
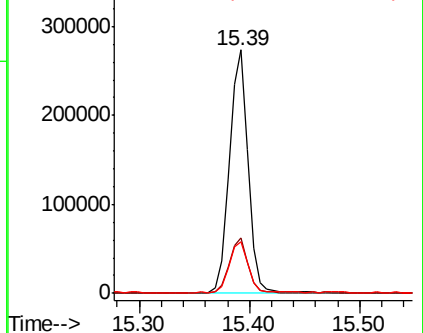
265 21.2 17.7 26.5



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: 27.630 ng

RT: 14.97 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

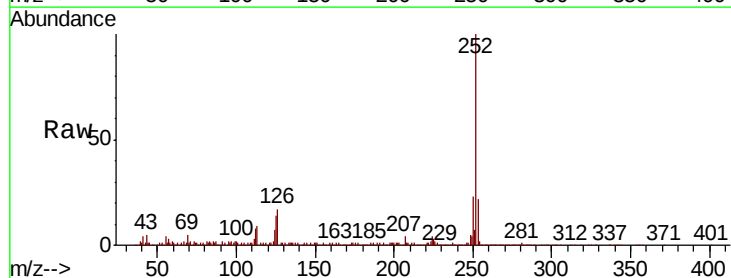
Tgt Ion:252 Resp: 515996

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

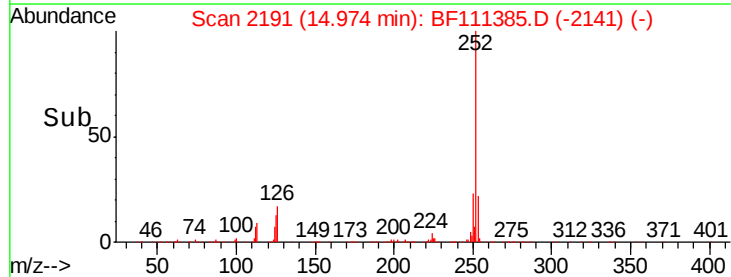
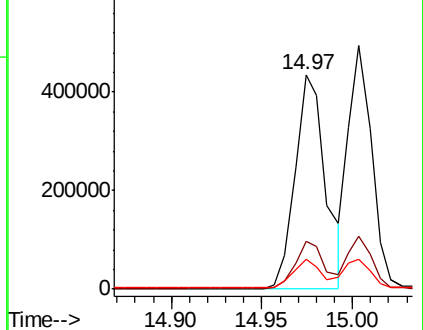
125 13.7 10.4 15.6

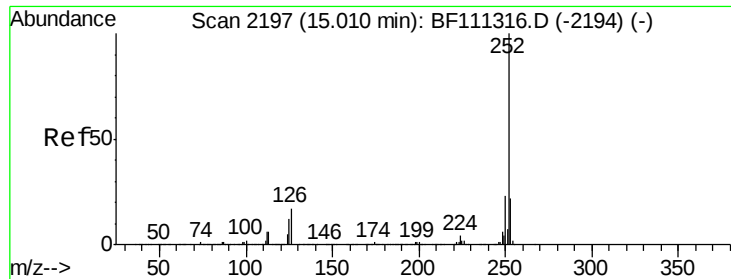


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

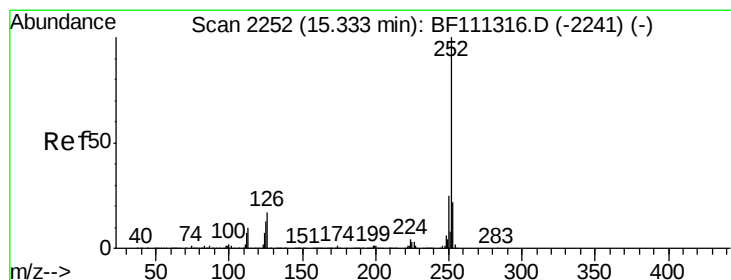
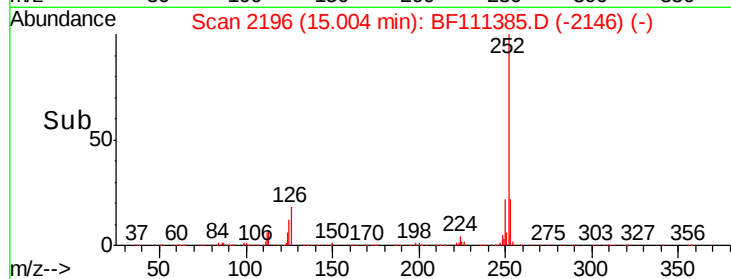
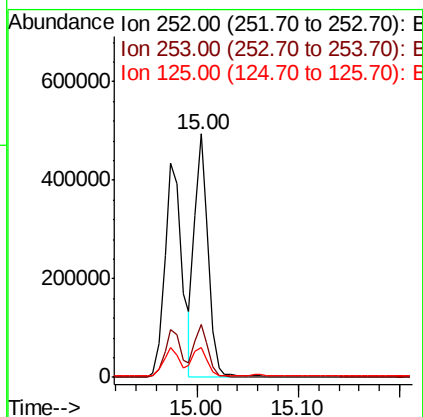
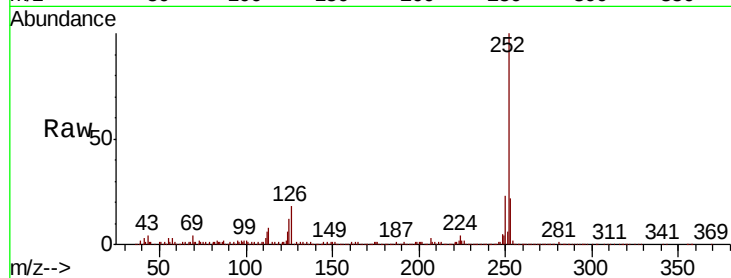




#89
Benzo(k)fluoranthene
Concen: 24.560 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

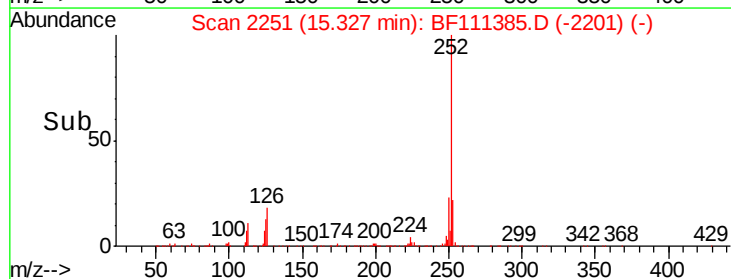
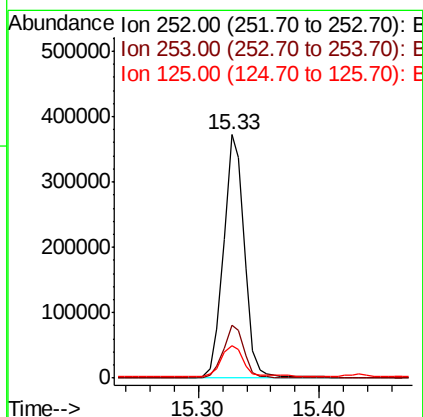
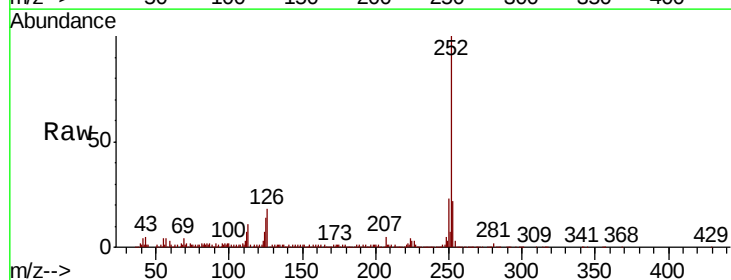
Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

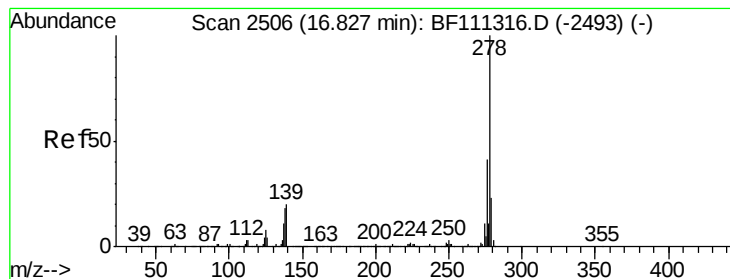
Tgt Ion:252 Resp: 457826
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 12.1 9.8 14.8



#90
Benzo(a)pyrene
Concen: 25.486 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion:252 Resp: 443156
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 13.5 12.3 18.5





#91

Dibenzo(a,h)anthracene

Concen: 28.546 ng

RT: 16.82 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MS

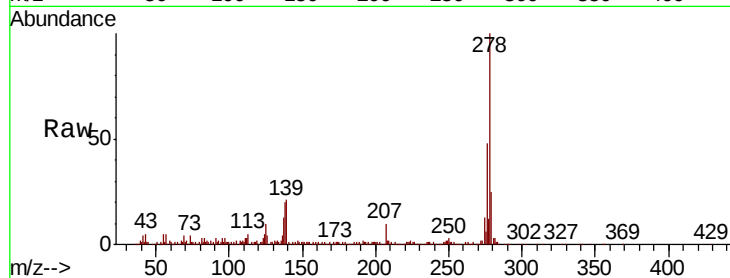
Tgt Ion: 278 Resp: 412975

Ion Ratio Lower Upper

278 100

139 20.7 18.2 27.4

279 25.1 19.0 28.6

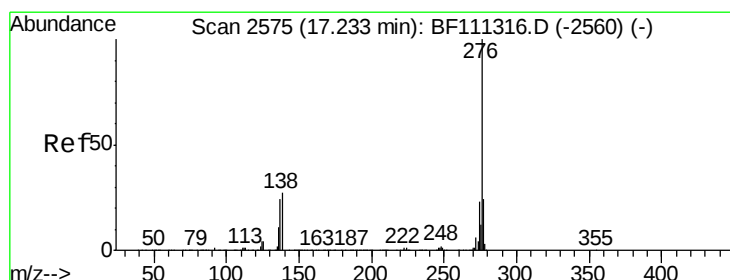
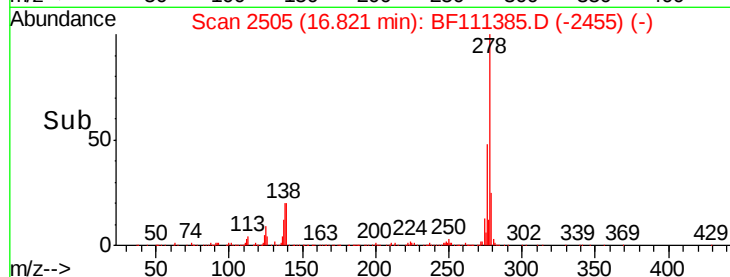
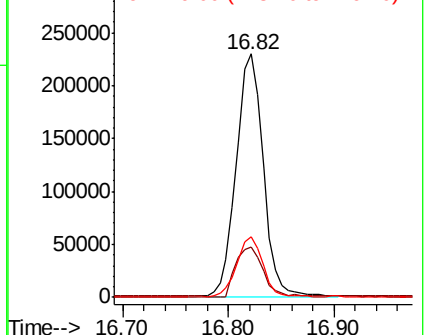


Abundance

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: 27.891 ng

RT: 17.23 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

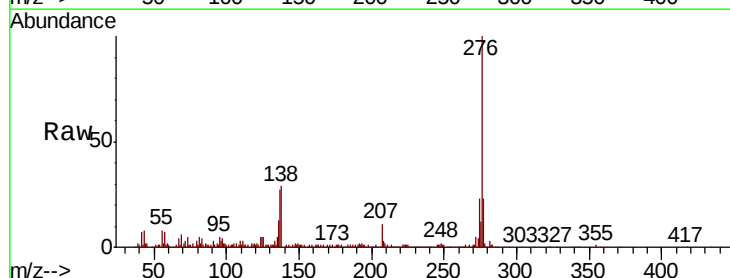
Tgt Ion: 276 Resp: 403420

Ion Ratio Lower Upper

276 100

277 23.0 19.2 28.8

138 29.2 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

