

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
 Data File : BF111386.D
 Acq On : 13 Dec 2018 22:48
 Operator : JU/SJ
 Sample : J6305-06MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MSD

Quant Time: Dec 14 00:26:16 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	267155	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1001131	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	439430	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	624035	20.00	ng	0.00
76) Chrysene-d12	13.96	240	411410	20.00	ng	0.00
87) Perylene-d12	15.39	264	329281	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	729483	46.17	ng	0.02
7) Phenol-d6	6.47	99	510911	23.99	ng	0.04
23) Nitrobenzene-d5	7.36	82	1048887	59.05	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	272261	70.29	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1657952	60.57	ng	0.00
79) Terphenyl-d14	12.90	244	944453	50.53	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	128755	16.316	ng	# 91
3) Pyridine	3.32	79	310113	15.997	ng	98
4) n-Nitrosodimethylamine	3.21	42	145453	16.084	ng	91
6) Aniline	6.46	93	368600	14.304	ng	# 1
8) 2-Chlorophenol	6.60	128	420199	21.639	ng	96
9) Benzaldehyde	6.34	77	177090	11.741	ng	98
10) Phenol	6.49	94	5165504	214.079	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	513389	27.046	ng	98
12) 1,3-Dichlorobenzene	6.74	146	509242	24.225	ng	98
13) 1,4-Dichlorobenzene	6.82	146	512539	24.085	ng	99
14) 1,2-Dichlorobenzene	6.97	146	456724	23.200	ng	97
15) Benzyl Alcohol	6.96	79	305254	18.715	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	942882	25.639	ng	53
17) 2-Methylphenol	7.09	107	749319	47.756	ng	95
18) Hexachloroethane	7.31	117	164465	20.817	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	367047	25.932	ng	96
20) 3+4-Methylphenols	7.25	107	1031435	55.122	ng	# 60
22) Acetophenone	7.21	105	863780	37.144	ng	# 87
24) Nitrobenzene	7.38	77	520588	28.454	ng	99
25) Isophorone	7.63	82	907067	30.064	ng	# 98
26) 2-Nitrophenol	7.70	139	224889	25.007	ng	100
27) 2,4-Dimethylphenol	7.75	122	475429	34.827	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	575788	27.804	ng	99
29) 2,4-Dichlorophenol	7.96	162	421132	29.573	ng	100
30) 1,2,4-Trichlorobenzene	8.02	180	359429	24.565	ng	99
31) Naphthalene	8.10	128	1428007	30.615	ng	97
32) Benzoic acid	8.03	122	1601985	141.166	ng	97
33) 4-Chloroaniline	8.16	127	24337	1.222	ng	# 86
34) Hexachlorobutadiene	8.22	225	203409	25.059	ng	98
35) Caprolactam	8.54	113	22905	4.590	ng	# 1
36) 4-Chloro-3-methylphenol	8.68	107	394327	25.985	ng	# 80
37) 2-Methylnaphthalene	8.80	142	970108	32.174	ng	99
38) 1-Methylnaphthalene	8.90	142	896671	30.812	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	358498	29.024	ng	99

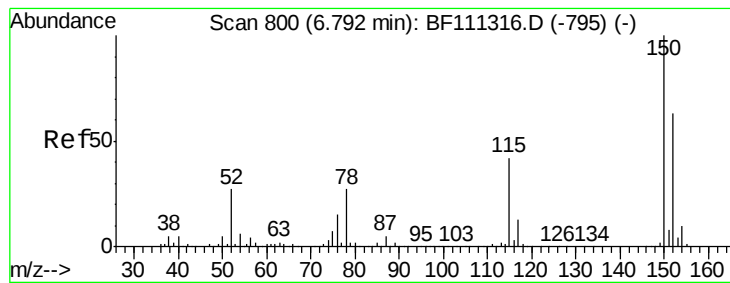
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	102431	15.881	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	245623	27.783	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	224345	24.011	ng	96
46) 1,1'-Biphenyl	9.26	154	1084166	28.916	ng	96
47) 2-Chloronaphthalene	9.28	162	819705	28.548	ng	99
48) 2-Nitroaniline	9.39	65	263775	28.270	ng	94
49) Acenaphthylene	9.70	152	1262943	30.106	ng	95
50) Dimethylphthalate	9.56	163	1051473	33.275	ng	100
51) 2,6-Dinitrotoluene	9.62	165	190001	27.125	ng	93
52) Acenaphthene	9.87	154	705538	26.665	ng	99
53) 3-Nitroaniline	9.80	138	85663	10.175	ng	# 94
54) 2,4-Dinitrophenol	9.90	184	25995	9.459	ng	# 74
55) Dibenzofuran	10.04	168	1047348	27.419	ng	96
56) 4-Nitrophenol	10.00	139	100900	16.642	ng	95
57) 2,4-Dinitrotoluene	10.02	165	222863	24.826	ng	99
58) Fluorene	10.38	166	785476	28.746	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	182127	25.232	ng	98
60) Diethylphthalate	10.26	149	852366	26.793	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	345914	25.536	ng	98
62) 4-Nitroaniline	10.40	138	144789	17.892	ng	97
63) Azobenzene	10.53	77	831099	25.910	ng	95
65) 4,6-Dinitro-2-methylphenol	10.43	198	23384	6.527	ng	# 64
66) n-Nitrosodiphenylamine	10.49	169	655353	29.523	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	193216	27.813	ng	94
68) Hexachlorobenzene	10.93	284	196931	27.529	ng	97
69) Atrazine	11.04	200	139456	21.721	ng	99
70) Pentachlorophenol	11.13	266	206819	43.446	ng	95
71) Phenanthrene	11.34	178	945441	29.312	ng	94
72) Anthracene	11.39	178	960710	29.251	ng	96
73) Carbazole	11.55	167	869259	25.597	ng	96
74) Di-n-butylphthalate	11.89	149	1120654	28.983	ng	96
75) Fluoranthene	12.53	202	877794	27.877	ng	98
77) Benzidine	12.66	184	464	0.060	ng	# 1
78) Pyrene	12.76	202	875574	27.576	ng	96
80) Butylbenzylphthalate	13.38	149	425971	27.942	ng	95
81) Benzo(a)anthracene	13.94	228	657378	28.558	ng	98
82) 3,3'-Dichlorobenzidine	13.90	252	791	0.091	ng	# 11
83) Chrysene	13.98	228	662783	28.221	ng	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	568173	30.486	ng	99
85) Di-n-octyl phthalate	14.55	149	956399	31.253	ng	96
86) Indeno(1,2,3-cd)pyrene	16.80	276	511788	27.863	ng	98
88) Benzo(b)fluoranthene	14.97	252	586219	31.308	ng	98
89) Benzo(k)fluoranthene	15.00	252	520411	27.845	ng	99
90) Benzo(a)pyrene	15.33	252	517950	29.709	ng	99
91) Dibenzo(a,h)anthracene	16.82	278	433779	29.906	ng	97
92) Benzo(g,h,i)perylene	17.23	276	414205	28.562	ng	98

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

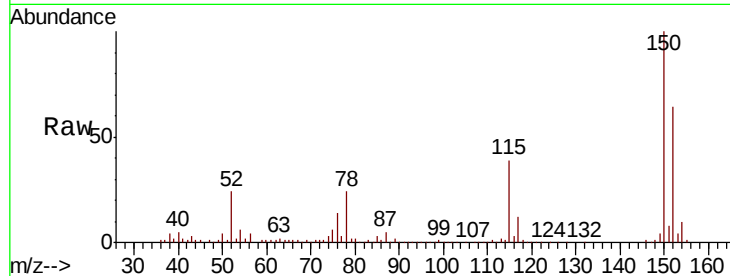


#1

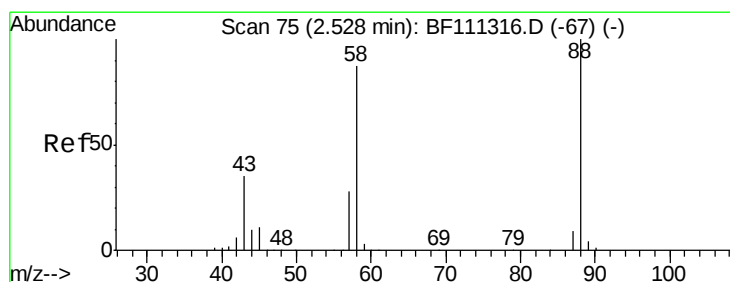
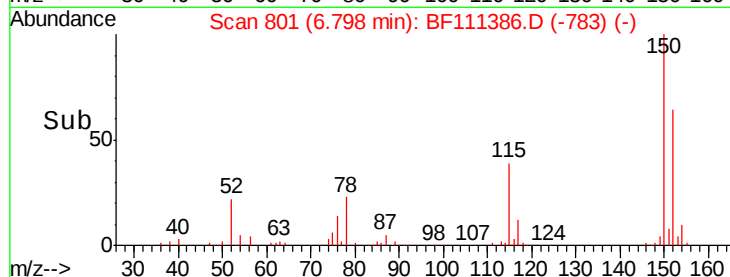
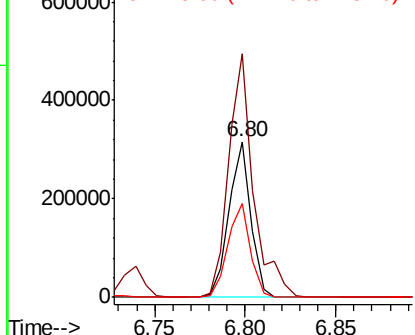
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tgt Ion:152 Resp: 267155
Ion Ratio Lower Upper
152 100
150 156.4 126.6 189.8
115 60.6 50.7 76.1



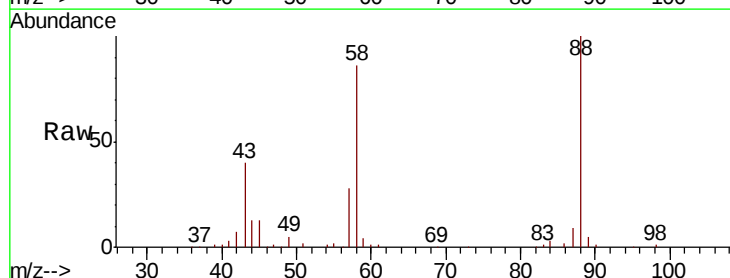
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



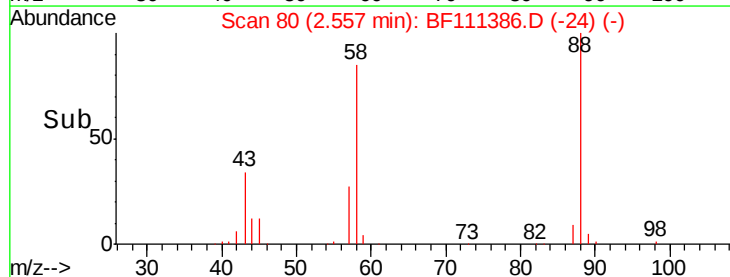
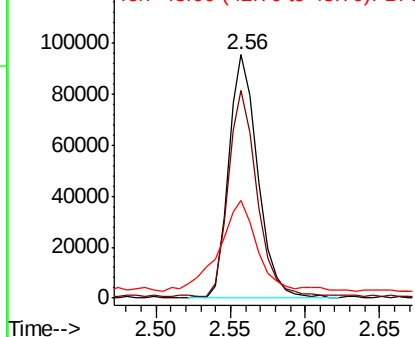
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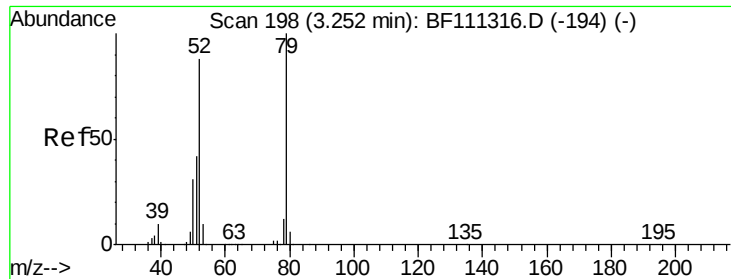
1,4-Dioxane
Concen: 16.316 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.03 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion: 88 Resp: 128755
Ion Ratio Lower Upper
88 100
58 84.8 68.9 103.3
43 48.3 25.8 38.6#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 15.997 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.06 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

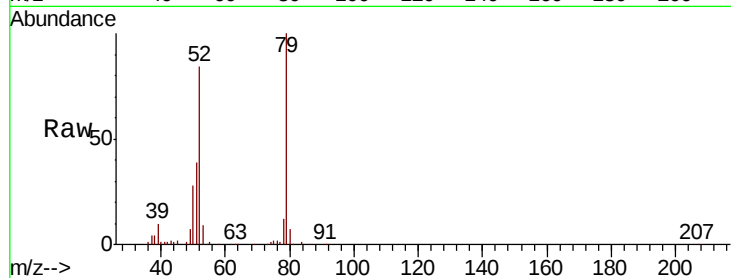
Tgt Ion: 79 Resp: 310113

Ion Ratio Lower Upper

79 100

52 83.7 68.3 102.5

51 39.4 32.6 49.0



Abundance

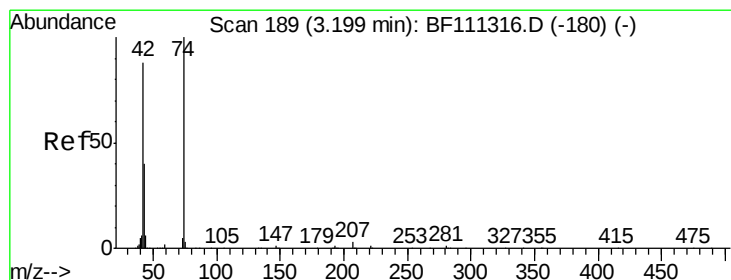
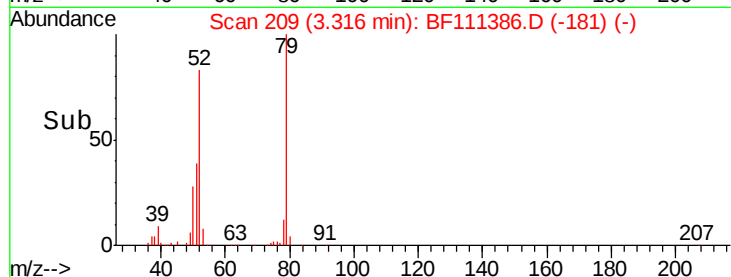
Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Time-->

Chromatogram showing abundance (0 to 200,000) versus time (3.20 to 3.50 minutes). A single sharp peak is labeled at 3.32 minutes.



#4

n-Nitrosodimethylamine

Concen: 16.084 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

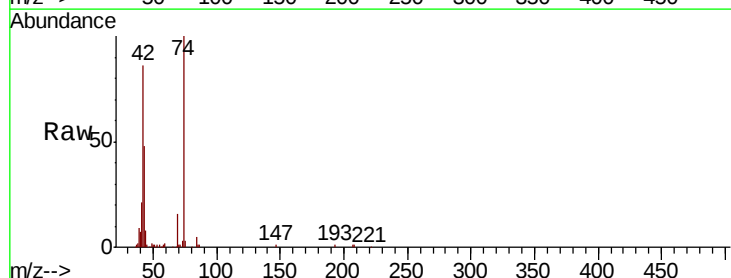
Tgt Ion: 42 Resp: 145453

Ion Ratio Lower Upper

42 100

74 116.5 101.5 152.3

44 8.9 6.0 9.0



Abundance

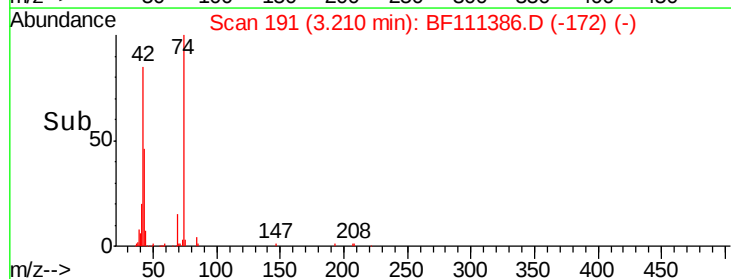
Ion 42.00 (41.70 to 42.70): BF1

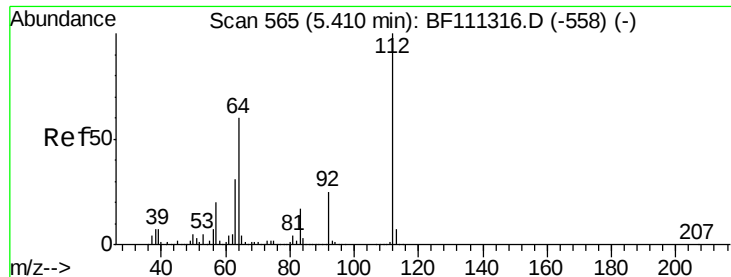
Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

Time-->

Chromatogram showing abundance (0 to 120,000) versus time (3.10 to 3.30 minutes). A single sharp peak is labeled at 3.21 minutes.





#5

2-Fluorophenol

Concen: 46.175 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

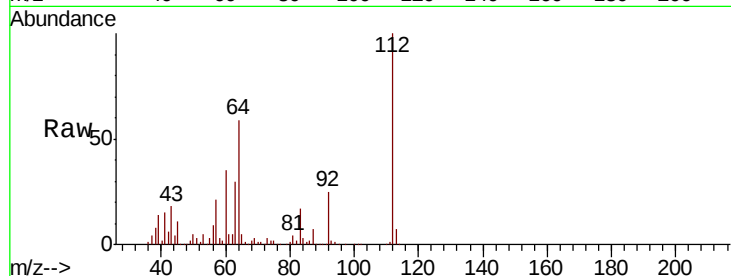
Tgt Ion: 112 Resp: 729483

Ion Ratio Lower Upper

112 100

64 59.3 51.8 77.6

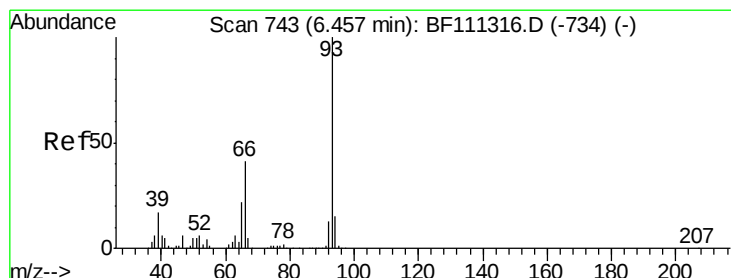
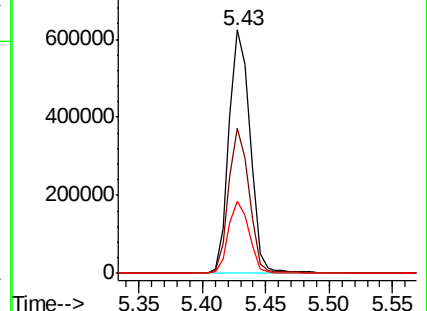
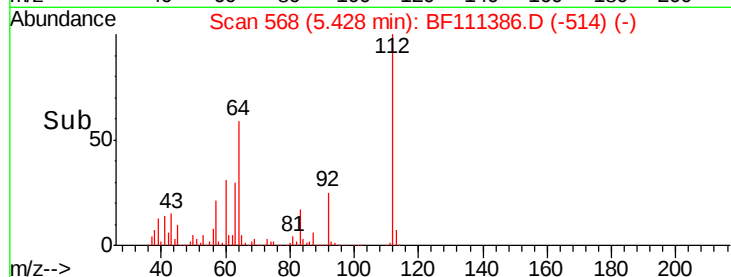
63 29.9 26.8 40.2



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: 14.304 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

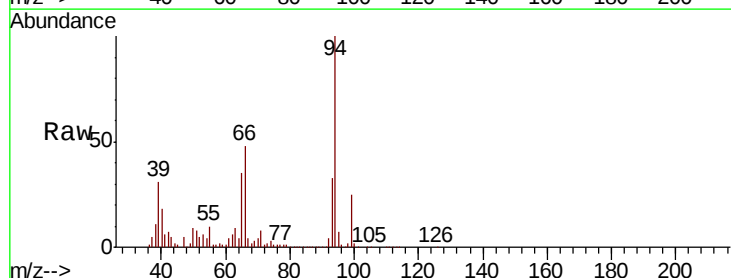
Tgt Ion: 93 Resp: 368600

Ion Ratio Lower Upper

93 100

66 145.5 33.2 49.8#

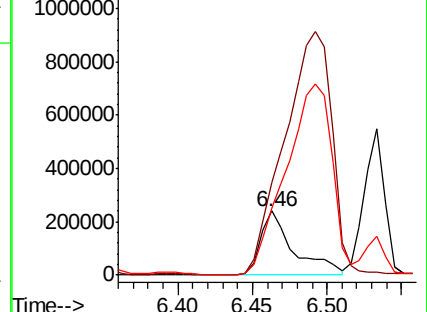
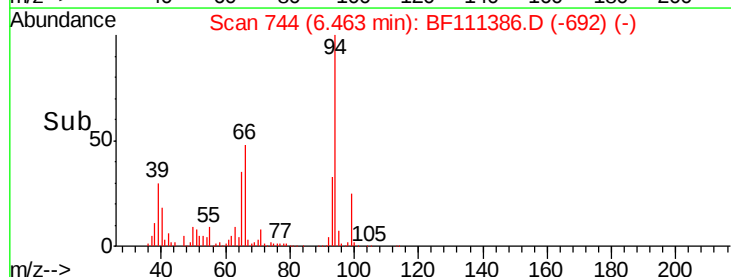
65 104.4 17.0 25.4#

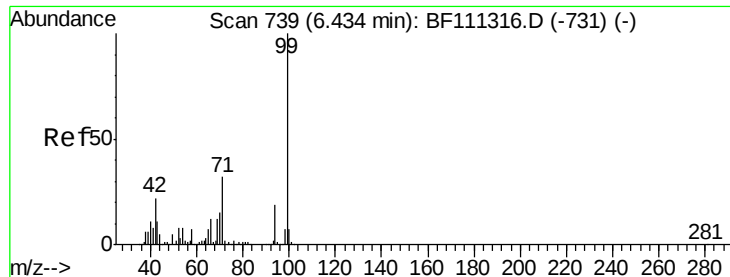


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 23.986 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.04 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

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ClientSampleId :

P001-SW004-01MSD

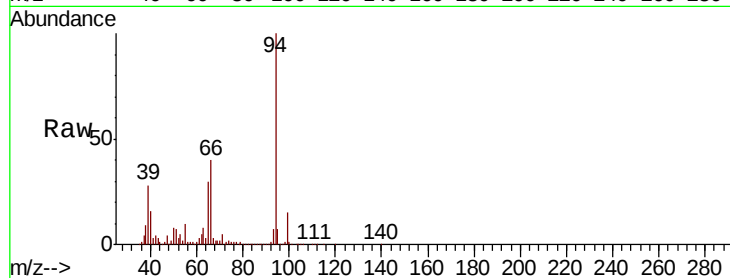
Tgt Ion: 99 Resp: 510911

Ion Ratio Lower Upper

99 100

42 29.5 17.4 26.0#

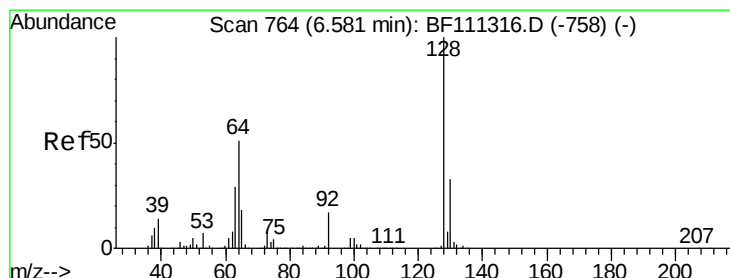
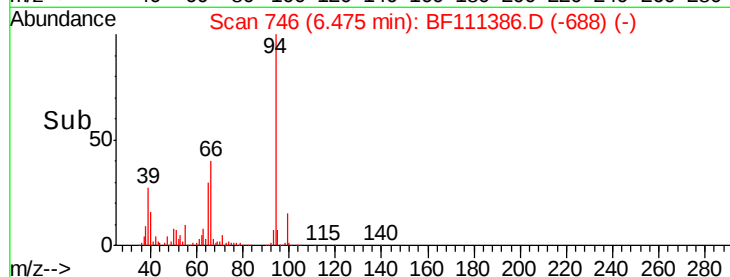
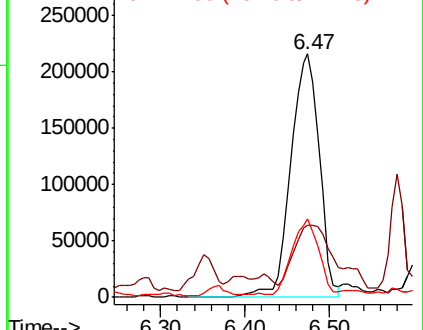
71 32.2 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 21.639 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.02 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

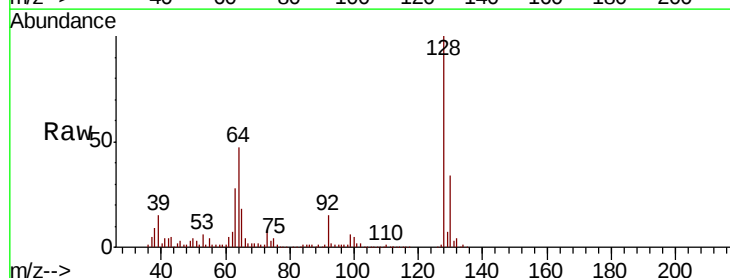
Tgt Ion: 128 Resp: 420199

Ion Ratio Lower Upper

128 100

130 33.6 12.7 52.7

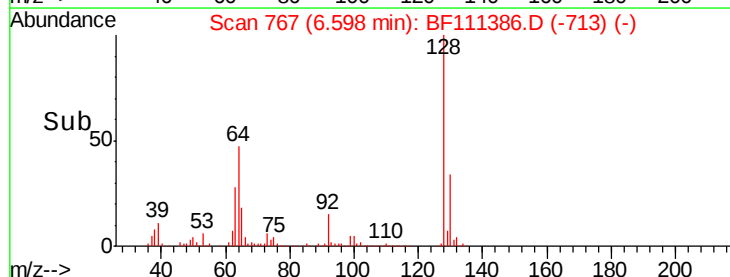
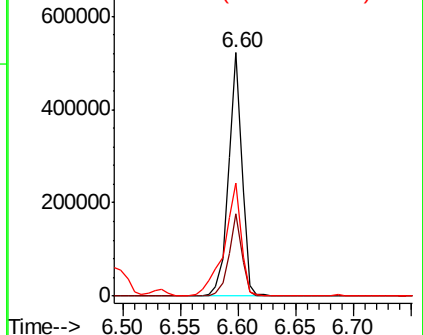
64 46.6 30.0 70.0

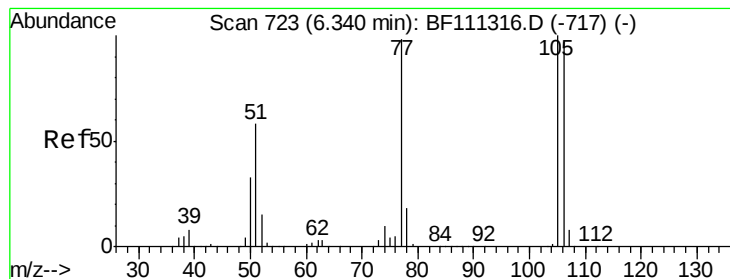


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.741 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

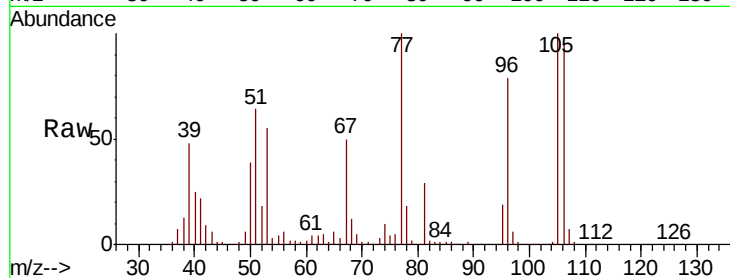
Tgt Ion: 77 Resp: 177090

Ion Ratio Lower Upper

77 100

105 99.9 81.4 121.4

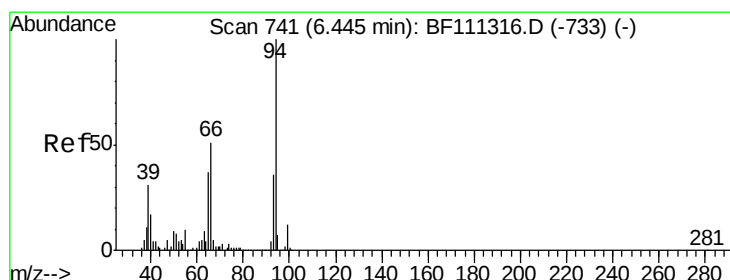
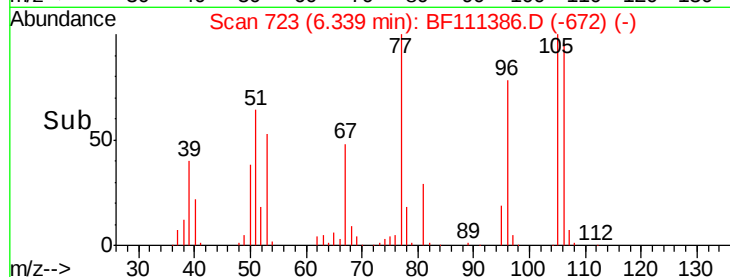
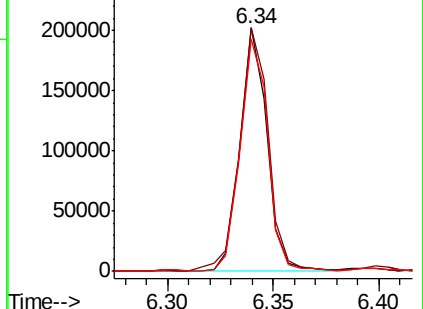
106 95.3 77.9 117.9



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: 214.079 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.05 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

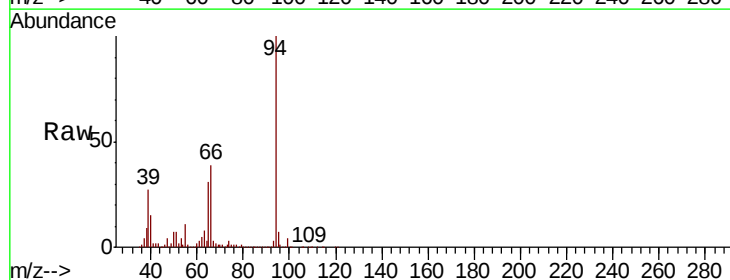
Tgt Ion: 94 Resp: 5165504

Ion Ratio Lower Upper

94 100

65 30.8 11.7 51.7

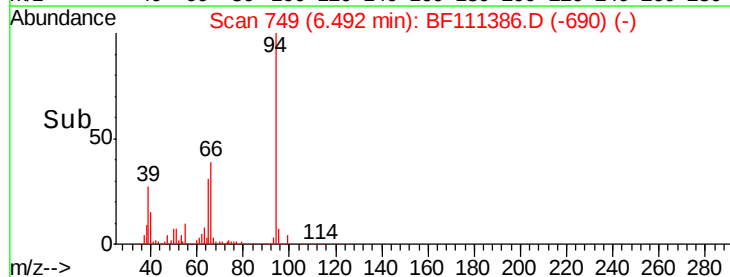
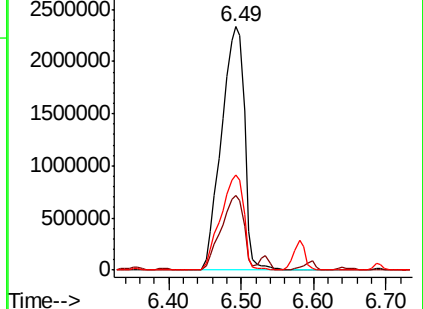
66 39.1 21.0 61.0

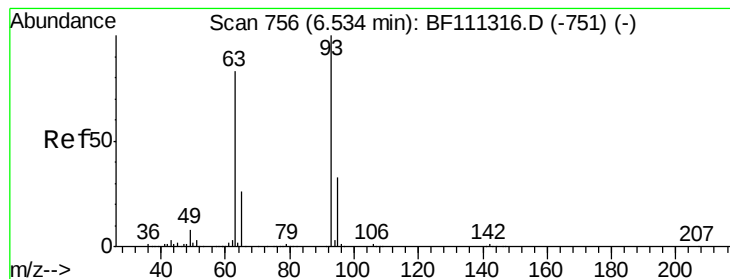


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 27.046 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

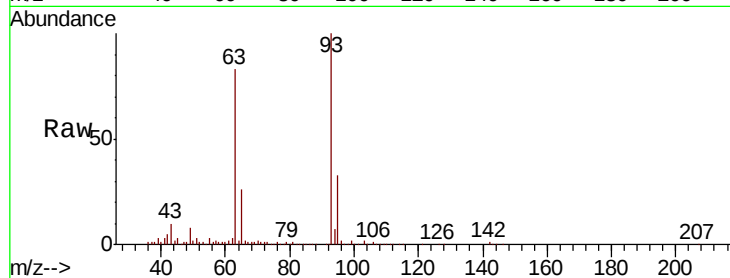
Tgt Ion: 93 Resp: 513389

Ion Ratio Lower Upper

93 100

63 82.7 60.0 100.0

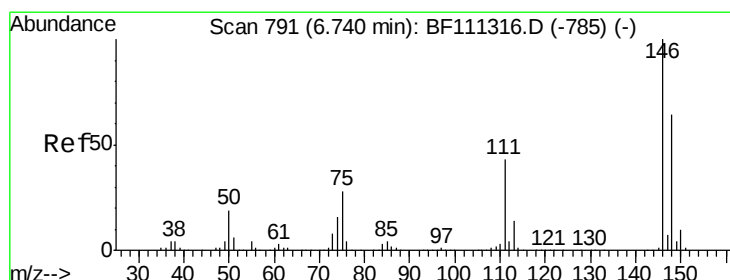
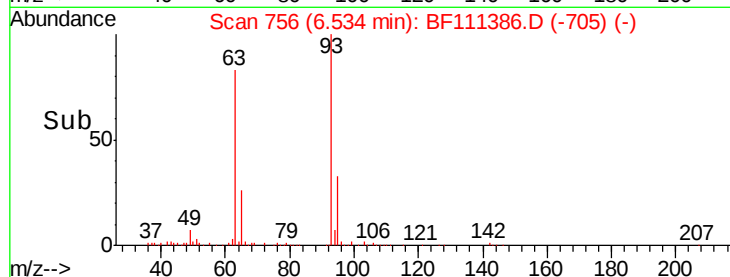
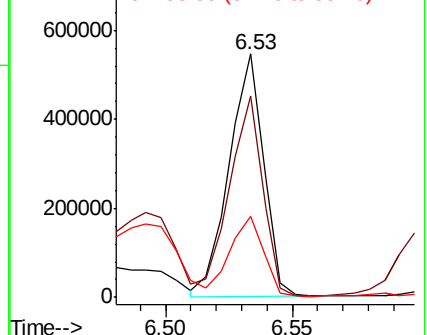
95 33.5 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 24.225 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

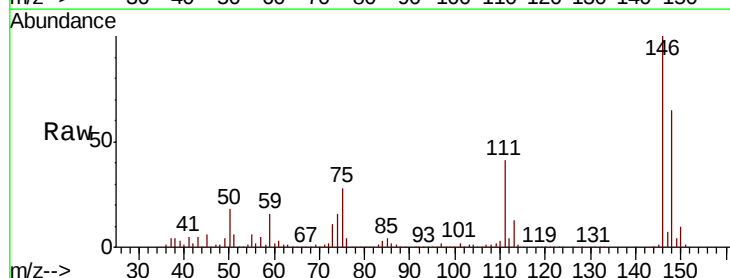
Tgt Ion: 146 Resp: 509242

Ion Ratio Lower Upper

146 100

148 64.7 52.1 78.1

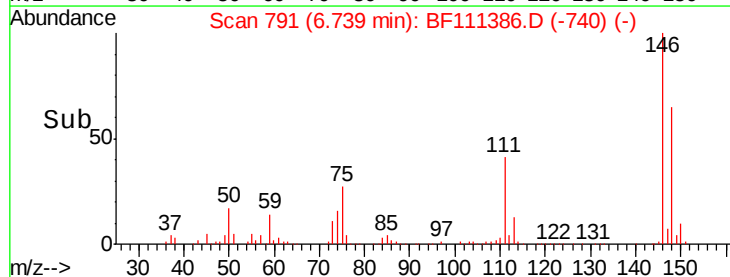
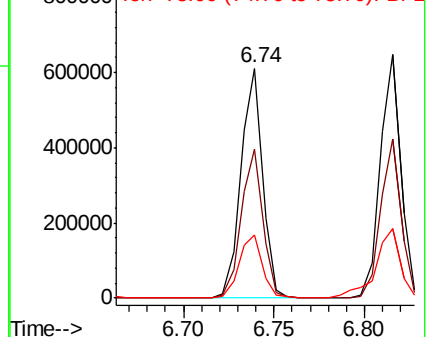
75 27.6 23.9 35.9

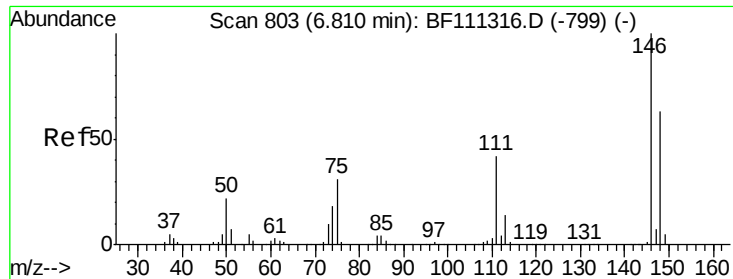


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

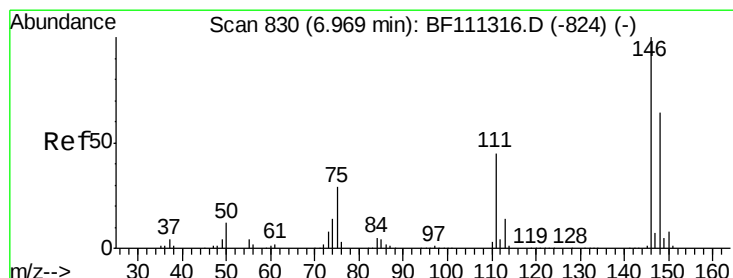
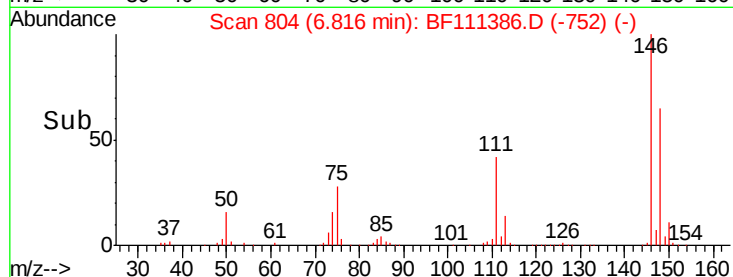
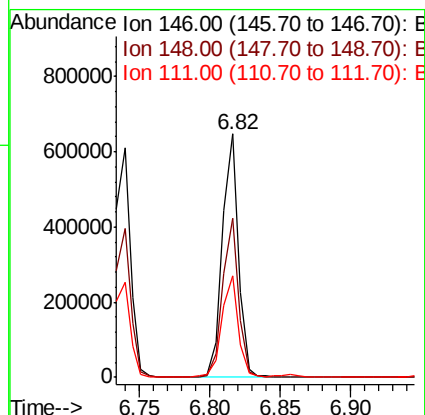
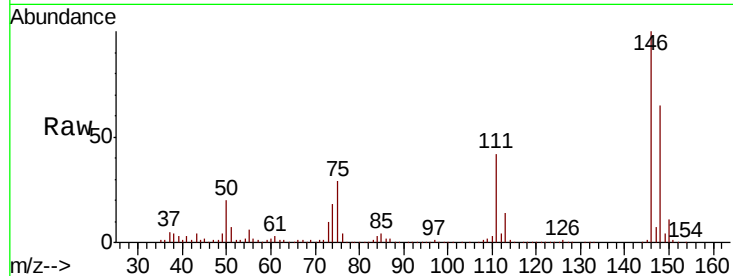




#13
1,4-Dichlorobenzene
Concen: 24.085 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

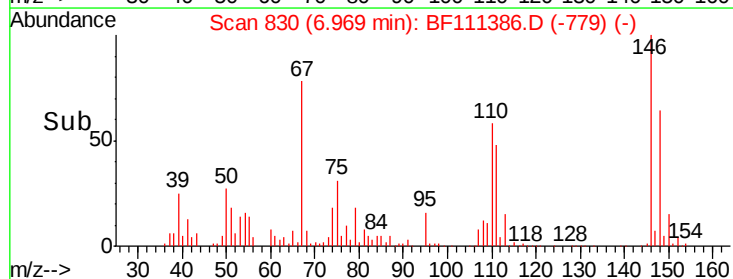
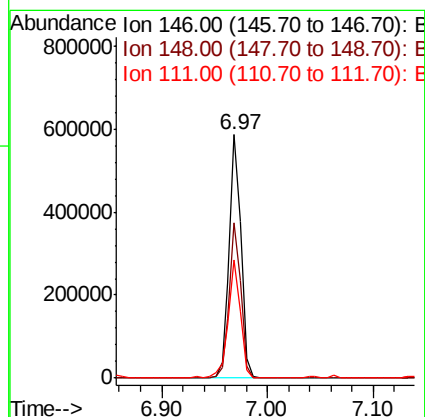
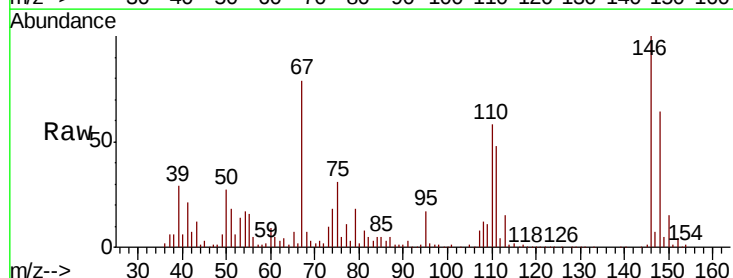
Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

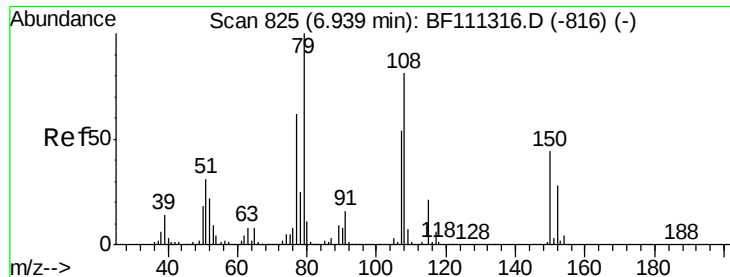
Tgt Ion:146 Resp: 512539
Ion Ratio Lower Upper
146 100
148 65.2 52.8 79.2
111 41.9 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 23.200 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion:146 Resp: 456724
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
111 48.3 36.2 54.4

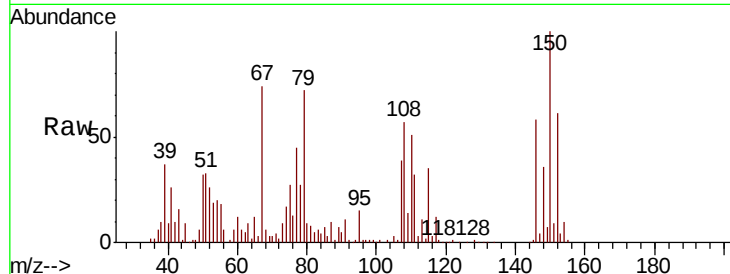




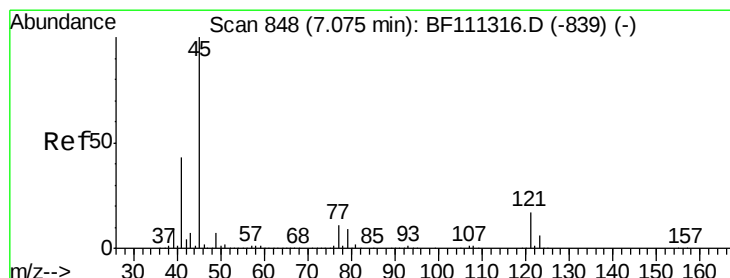
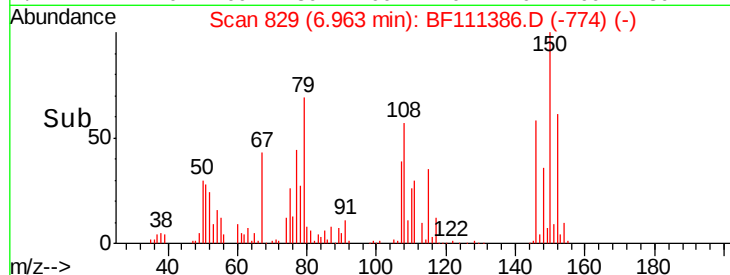
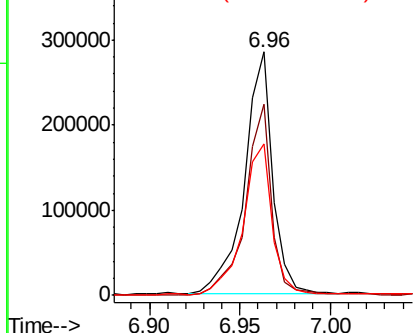
#15
Benzyl Alcohol
Concen: 18.715 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.02 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tgt Ion: 79 Resp: 305254
Ion Ratio Lower Upper
79 100
108 78.6 69.4 104.2
77 62.5 49.7 74.5

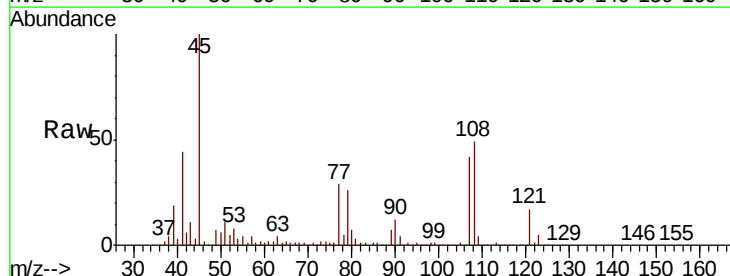


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

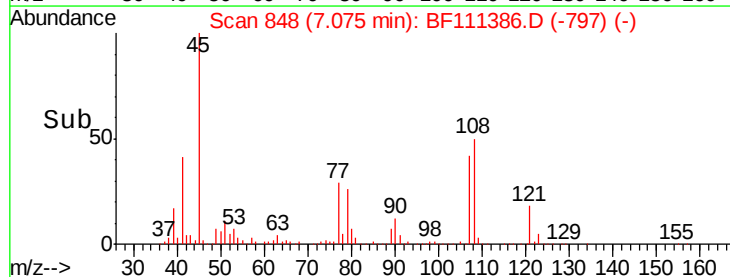
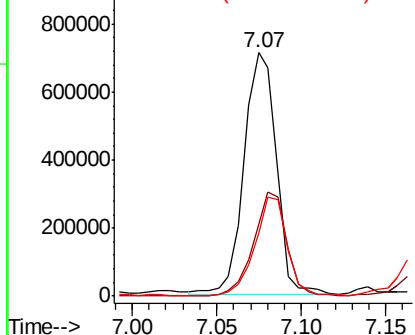


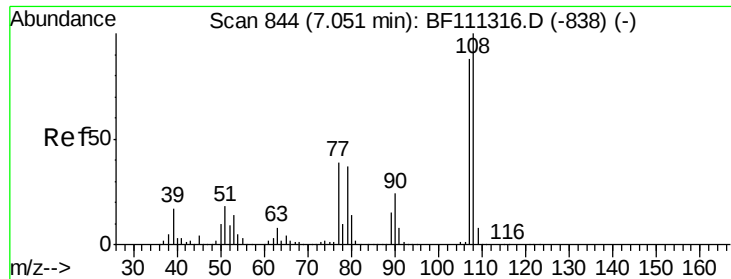
#16
2,2'-oxybis(1-Chloropropane)
Concen: 25.639 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion: 45 Resp: 942882
Ion Ratio Lower Upper
45 100
77 29.4 0.0 31.5
79 25.7 0.0 28.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

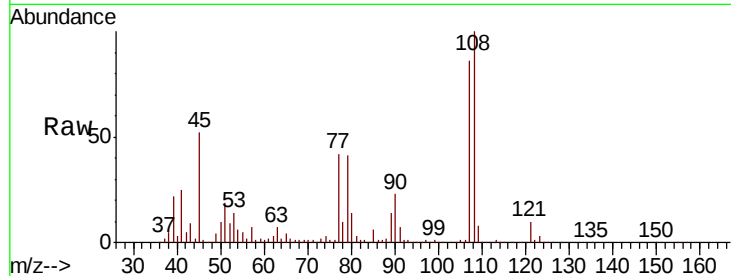




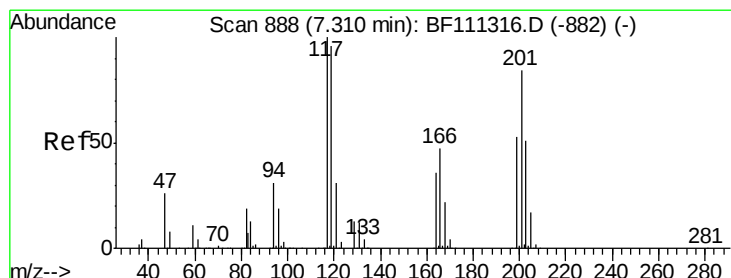
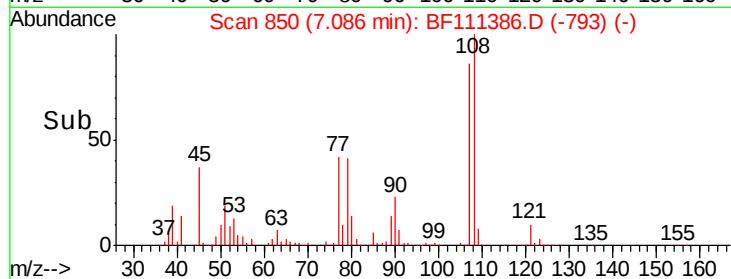
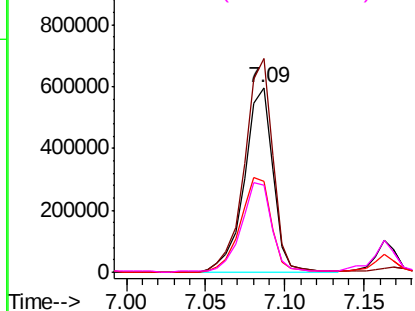
#17
2-Methylphenol
Concen: 47.756 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.04 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tgt Ion:	107	Resp:	749319
Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.0	136.4
77	49.0	33.5	50.3
79	47.4	33.3	49.9

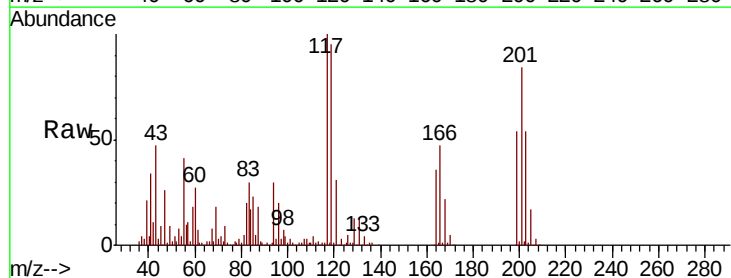


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

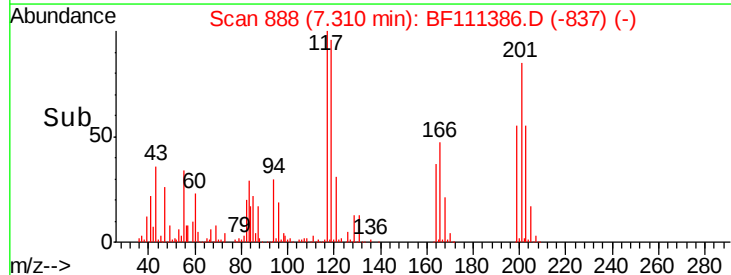
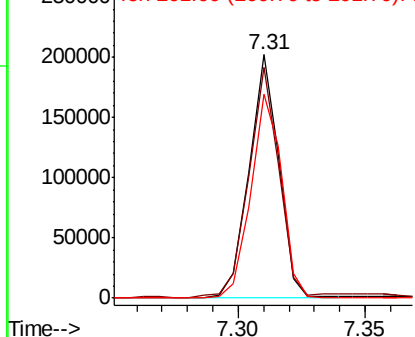


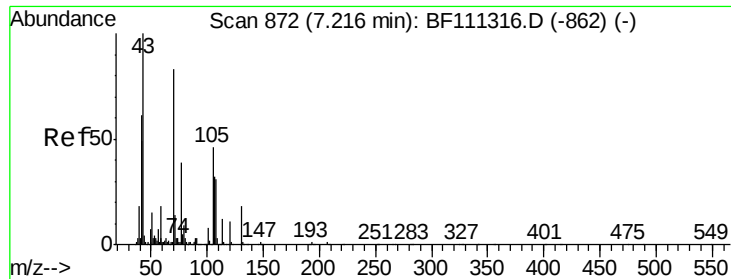
#18
Hexachloroethane
Concen: 20.817 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion:	117	Resp:	164465
Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.4	113.0
201	83.8	62.4	93.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

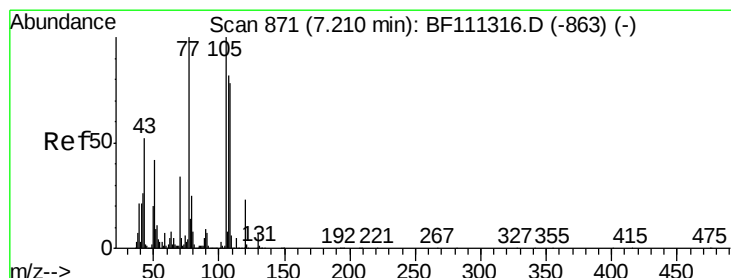
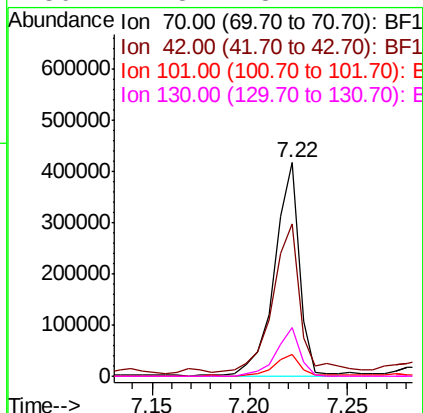
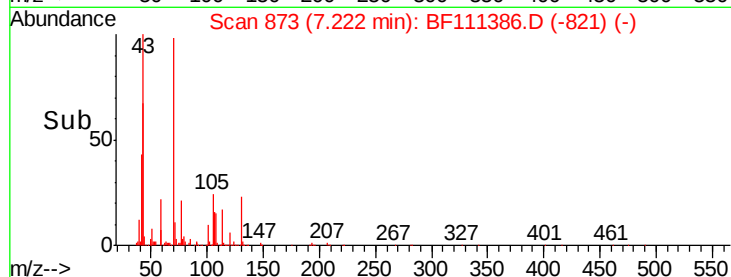
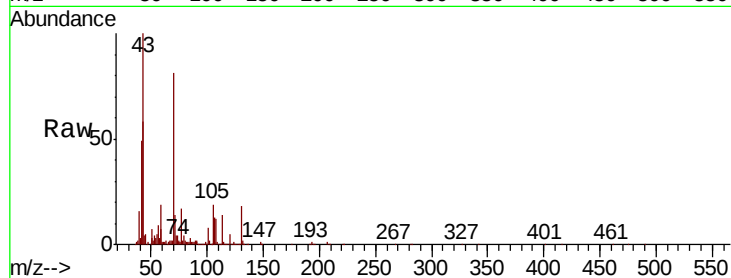




#19
n-Nitroso-di-n-propylamine
Concen: 25.932 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

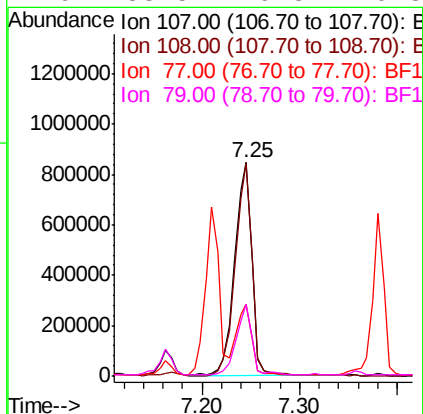
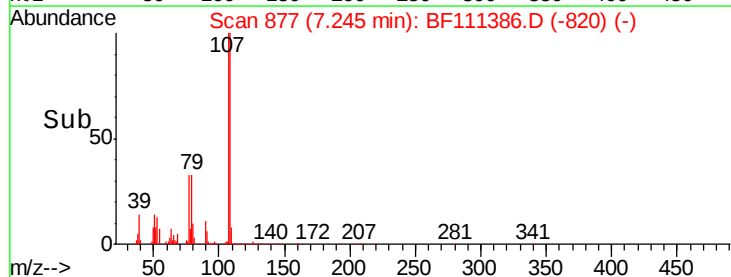
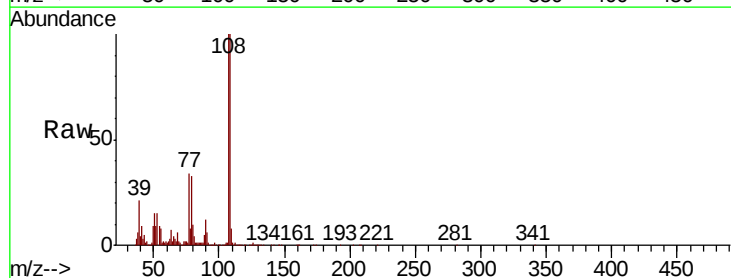
Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

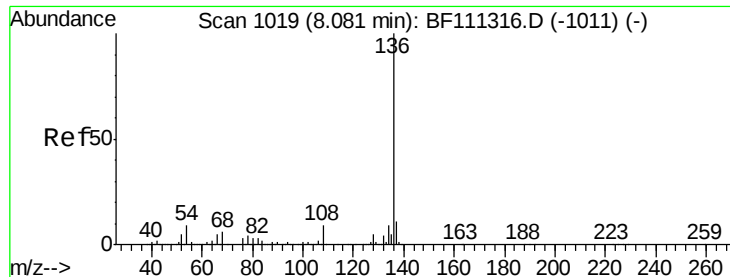
Tgt Ion:	70	Resp:	367047
Ion	Ratio	Lower	Upper
70	100		
42	71.3	53.2	79.8
101	10.3	8.2	12.4
130	22.8	18.1	27.1



#20
3+4-Methylphenols
Concen: 55.122 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.04 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion:	107	Resp:	1031435
Ion	Ratio	Lower	Upper
107	100		
108	99.8	72.1	112.1
77	33.5	94.1	134.1#
79	33.5	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: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

Tgt Ion:136 Resp: 1001131

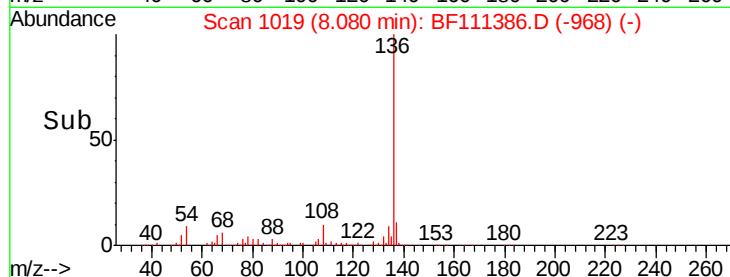
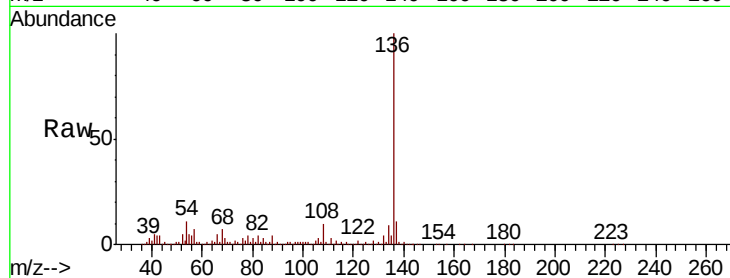
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 10.5 7.7 11.5

68 6.7 4.9 7.3

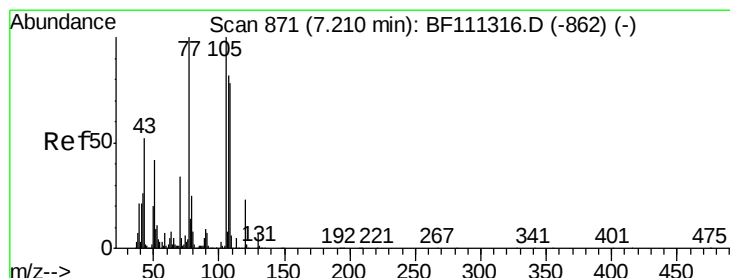
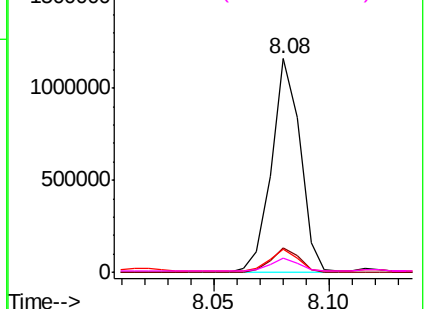


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.144 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Tgt Ion:105 Resp: 863780

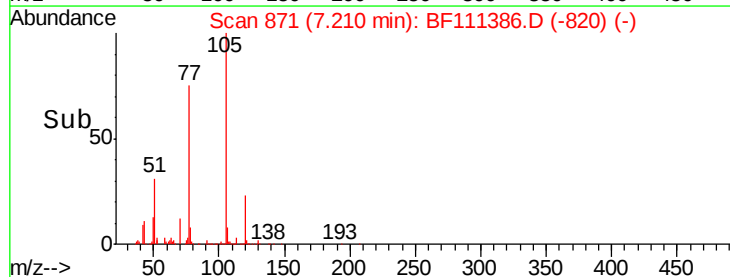
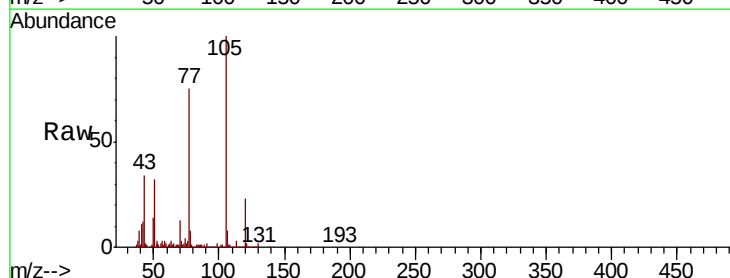
Ion Ratio Lower Upper

105 100

71 3.1 3.1 4.7

51 32.0 36.6 54.8#

120 22.6 18.2 27.4

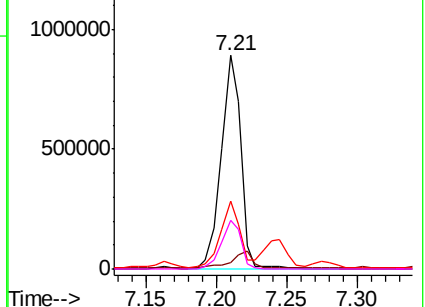


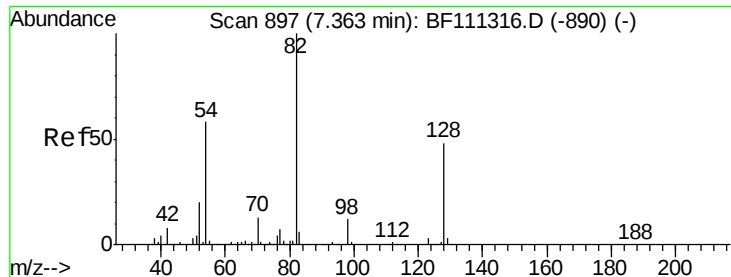
Abundance Ion 105.00 (104.70 to 105.70): E

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

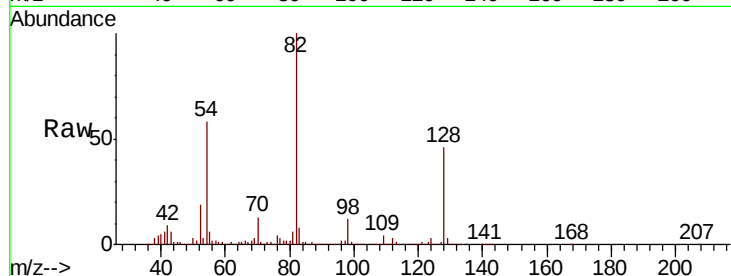




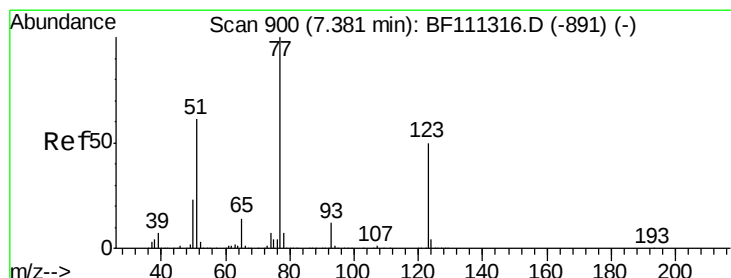
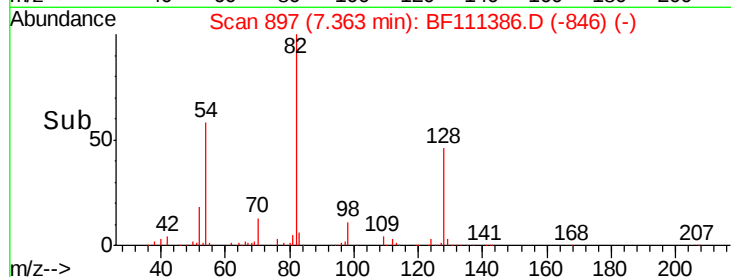
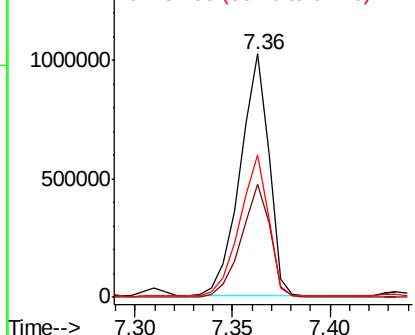
#23
Nitrobenzene-d5
Concen: 59.052 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tgt Ion: 82 Resp: 1048887
Ion Ratio Lower Upper
82 100
128 46.4 37.4 56.2
54 58.5 47.6 71.4

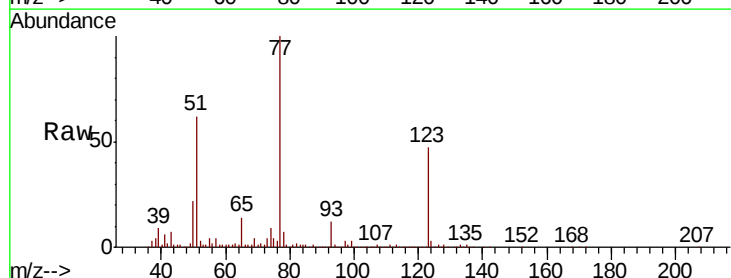


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

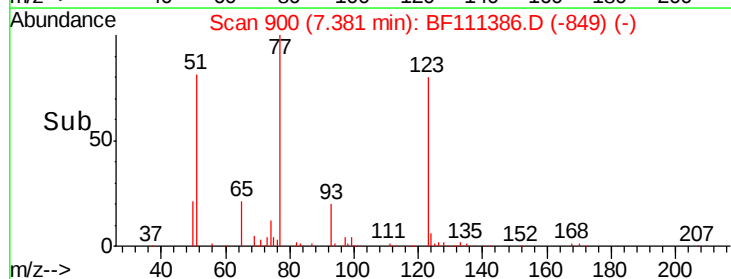
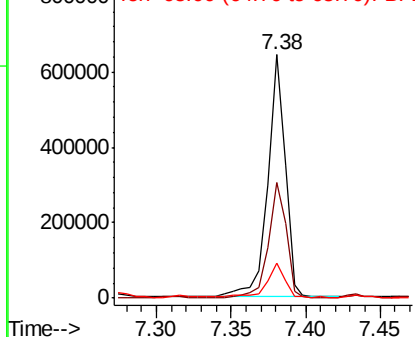


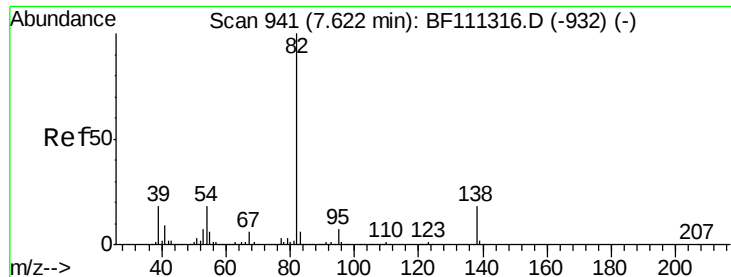
#24
Nitrobenzene
Concen: 28.454 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion: 77 Resp: 520588
Ion Ratio Lower Upper
77 100
123 47.4 37.2 55.8
65 14.3 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

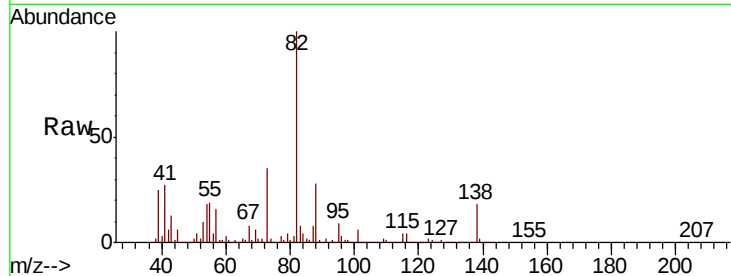




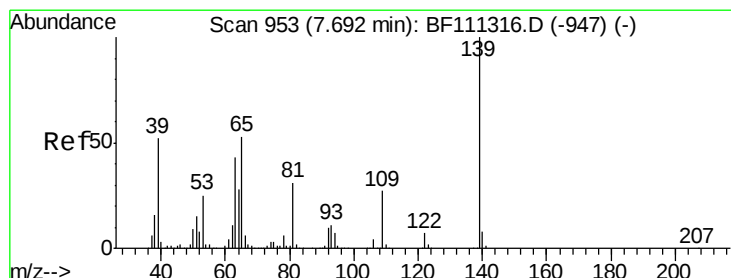
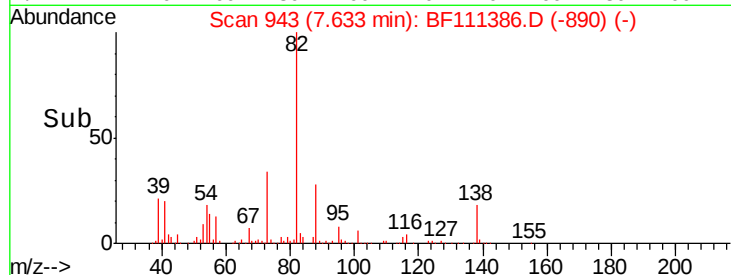
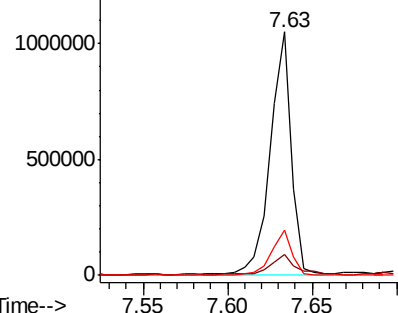
#25
Isophorone
Concen: 30.064 ng
RT: 7.63 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tgt Ion: 82 Resp: 907067
Ion Ratio Lower Upper
82 100
95 8.7 5.4 8.2#
138 18.3 15.1 22.7

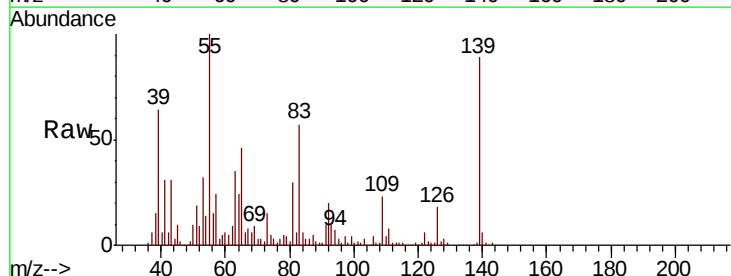


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

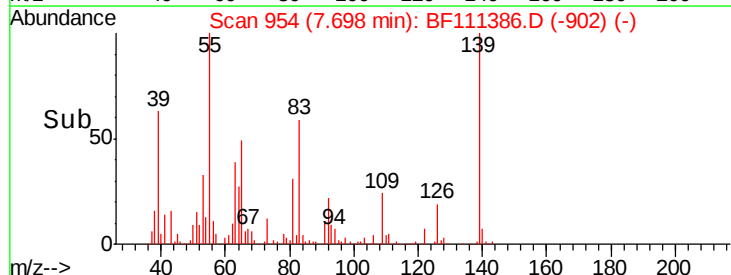
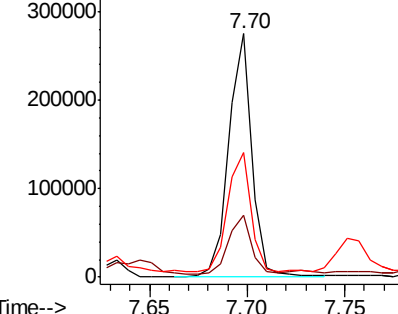


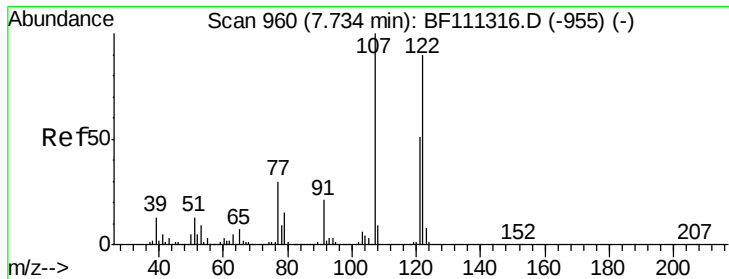
#26
2-Nitrophenol
Concen: 25.007 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion: 139 Resp: 224889
Ion Ratio Lower Upper
139 100
109 25.3 20.2 30.4
65 51.4 40.7 61.1



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

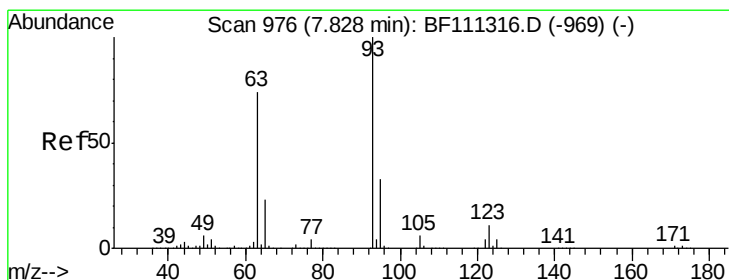
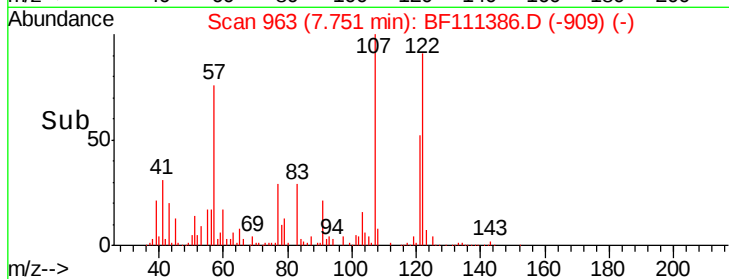
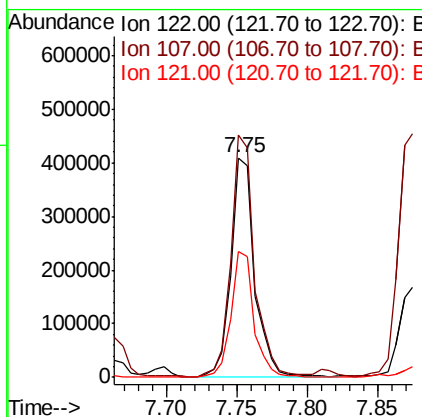
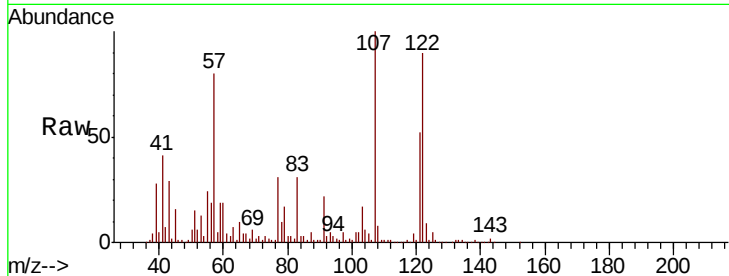




#27
 2,4-Dimethylphenol
 Concen: 34.827 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.02 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

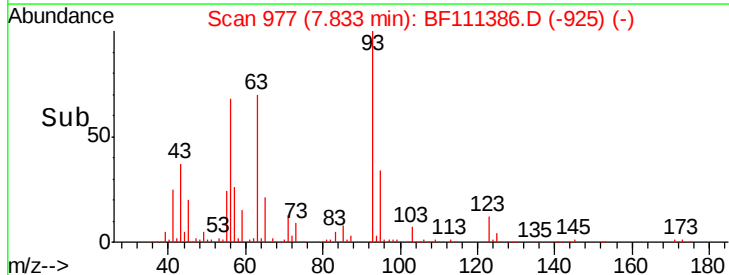
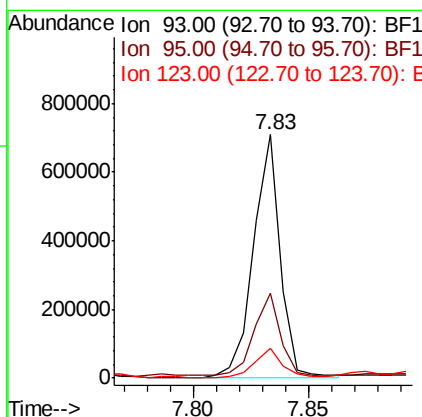
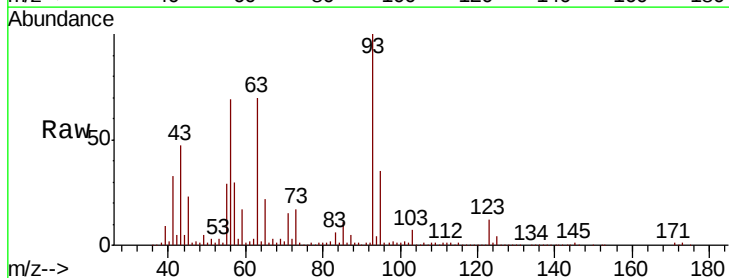
Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MSD

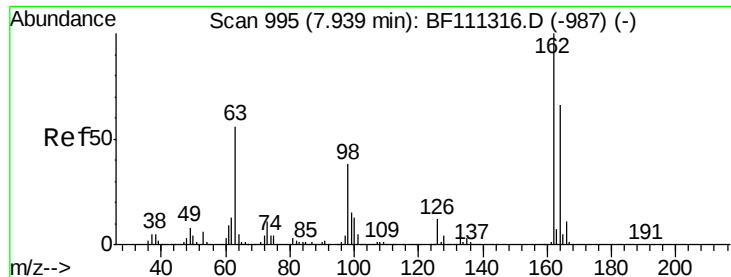
Tgt Ion:122 Resp: 475429
 Ion Ratio Lower Upper
 122 100
 107 110.6 85.5 128.3
 121 57.2 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 27.804 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Tgt Ion: 93 Resp: 575788
 Ion Ratio Lower Upper
 93 100
 95 34.6 27.1 40.7
 123 12.1 9.9 14.9

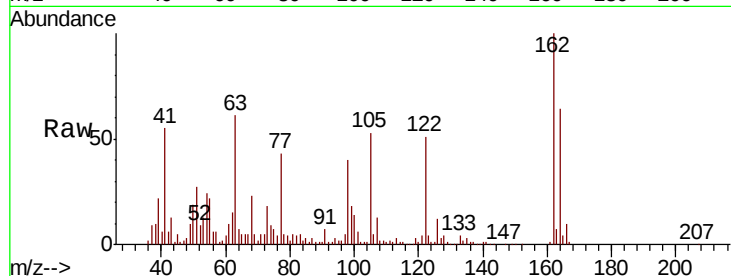




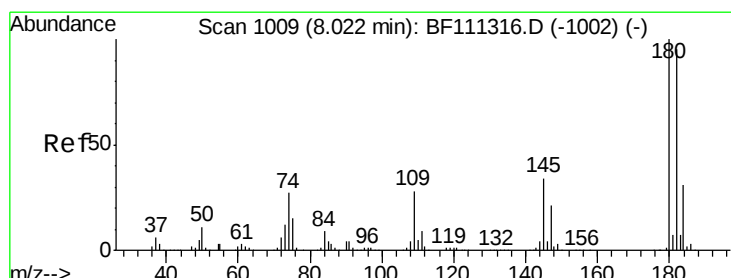
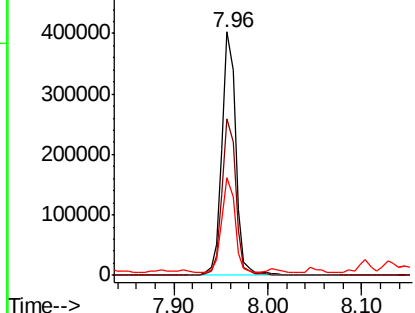
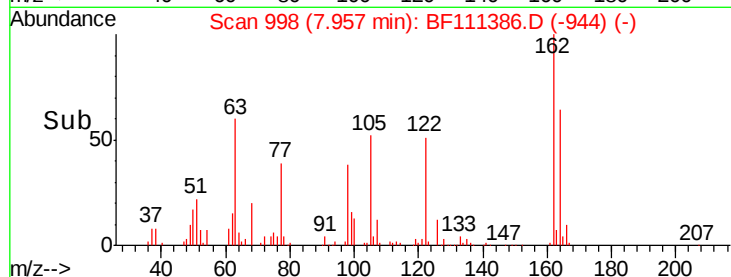
#29
2,4-Dichlorophenol
Concen: 29.573 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.02 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tgt Ion:162 Resp: 421132
Ion Ratio Lower Upper
162 100
164 64.1 44.4 84.4
98 40.0 20.3 60.3

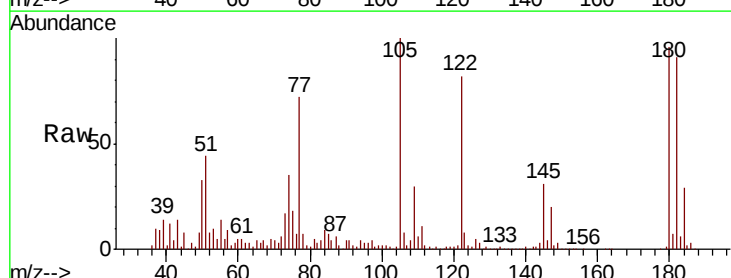


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

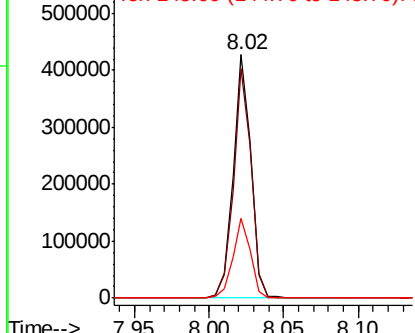
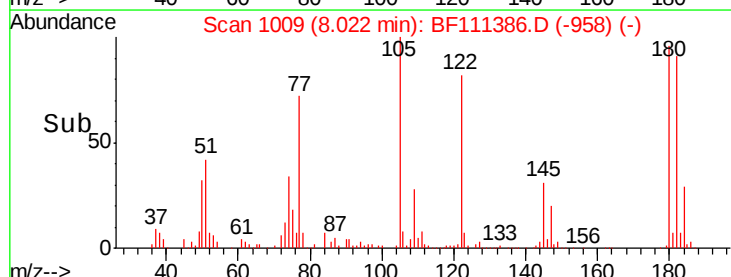


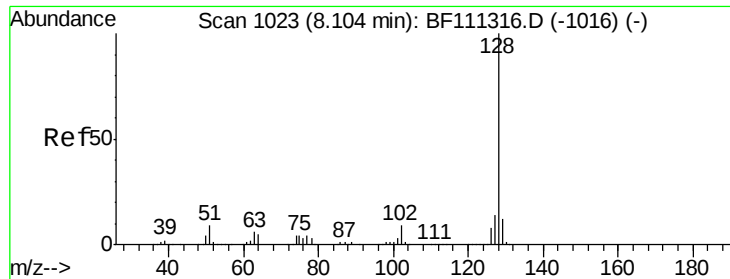
#30
1,2,4-Trichlorobenzene
Concen: 24.565 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion:180 Resp: 359429
Ion Ratio Lower Upper
180 100
182 94.3 75.6 113.4
145 32.6 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

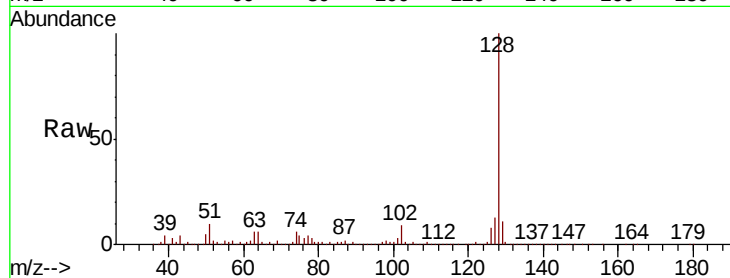




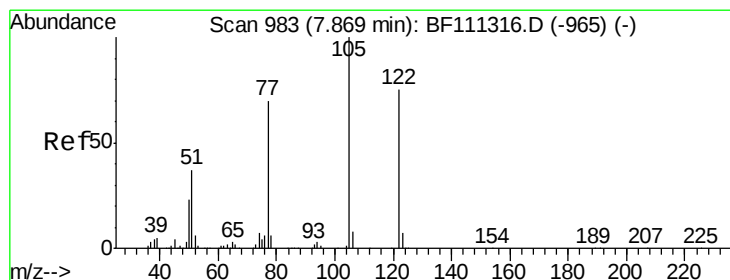
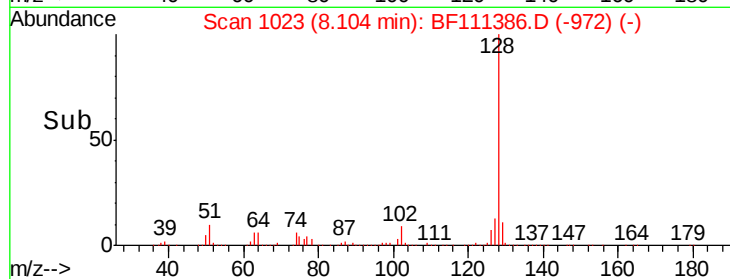
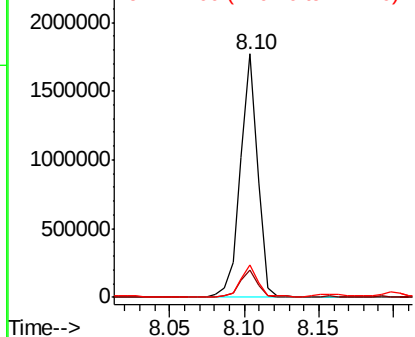
#31
Naphthalene
Concen: 30.615 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tgt Ion:128 Resp: 1428007
Ion Ratio Lower Upper
128 100
129 11.4 9.8 14.8
127 13.3 12.0 18.0

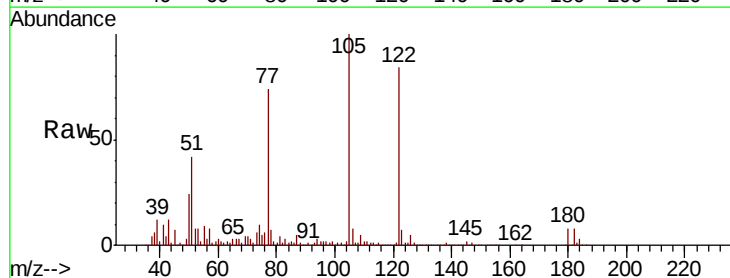


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

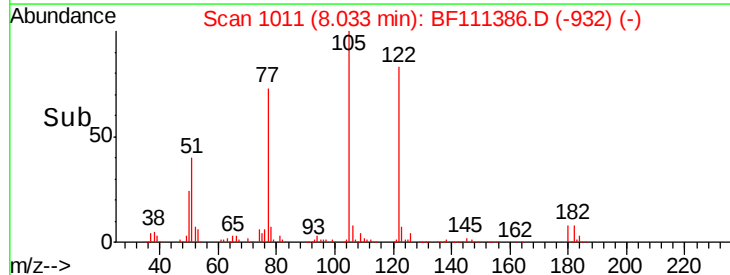
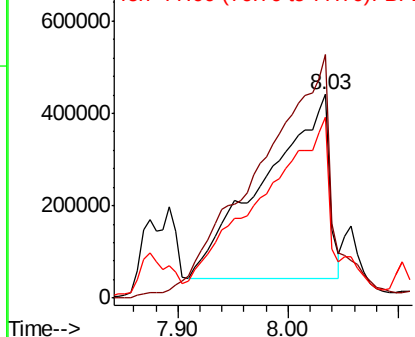


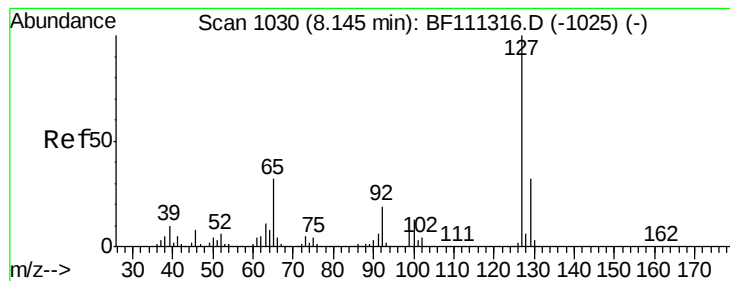
#32
Benzoic acid
Concen: 141.166 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.16 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion:122 Resp: 1601985
Ion Ratio Lower Upper
122 100
105 119.8 97.0 137.0
77 89.1 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 1.222 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

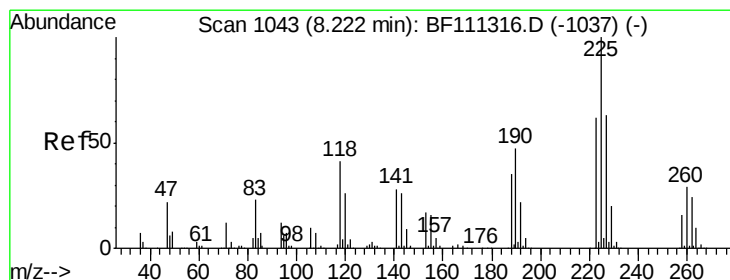
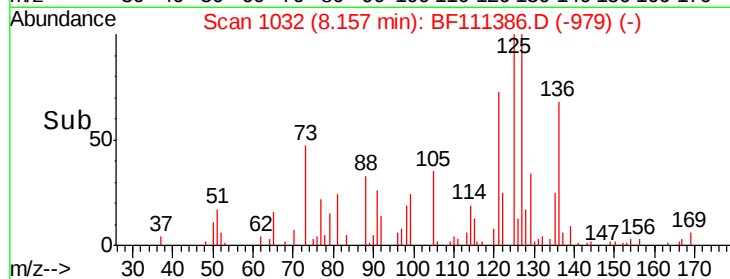
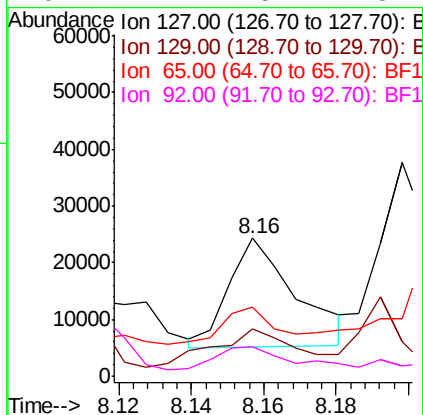
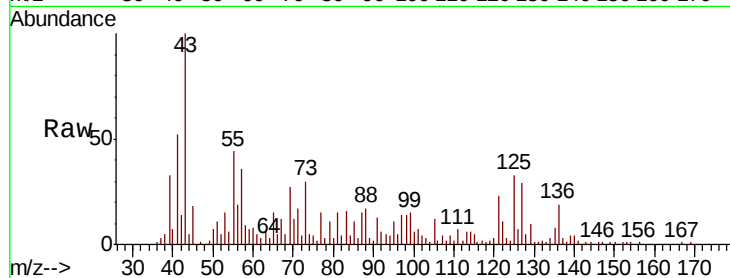
Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

Tgt Ion:	127	Resp:	24337
Ion	Ratio	Lower	Upper
127	100		
129	34.5	26.6	39.8
65	50.4	25.7	38.5#
92	21.2	15.4	23.2



#34

Hexachlorobutadiene

Concen: 25.059 ng

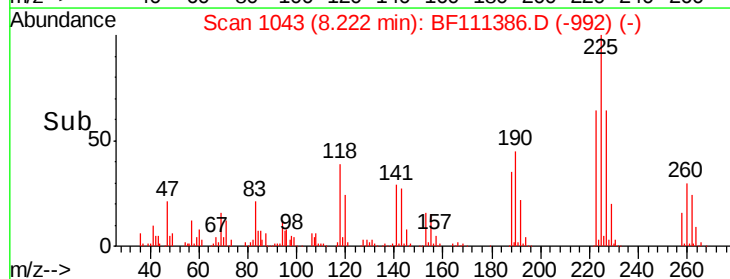
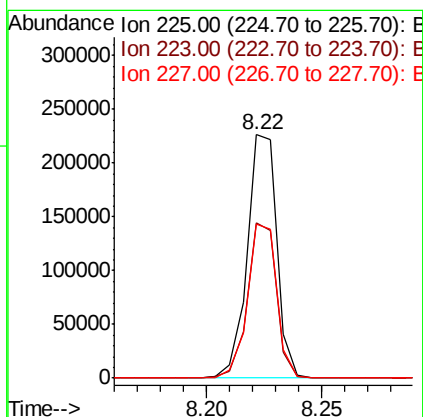
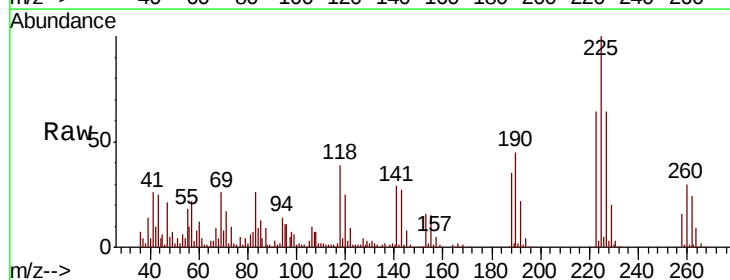
RT: 8.22 min Scan# 1043

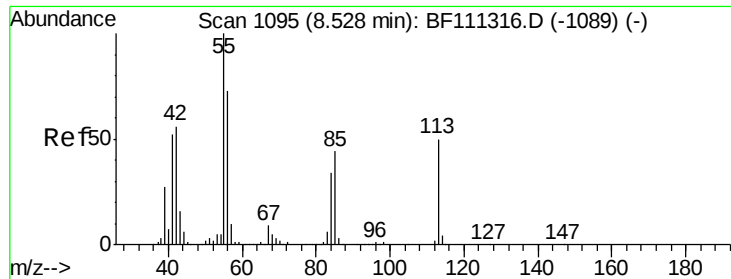
Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Tgt Ion:	225	Resp:	203409
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.7	76.1
227	63.5	52.6	78.8

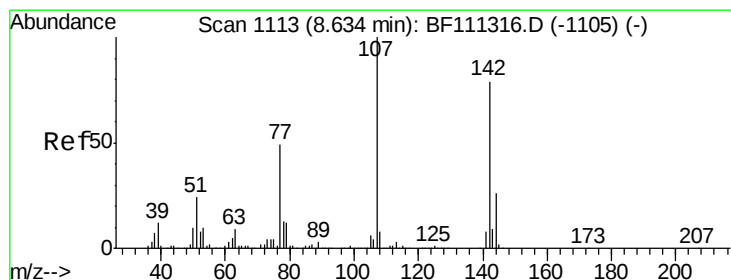
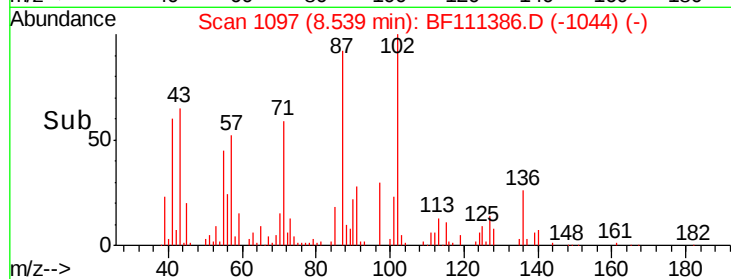
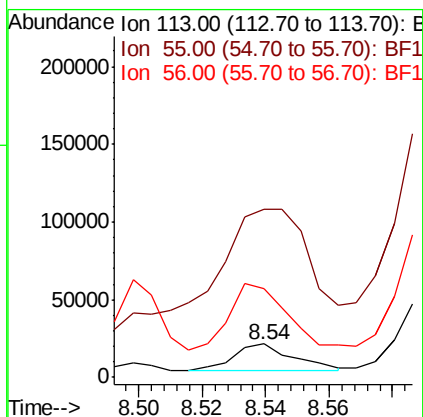
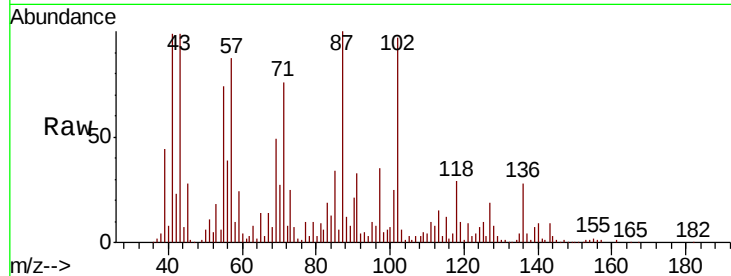




#35
 Caprolactam
 Concen: 4.590 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

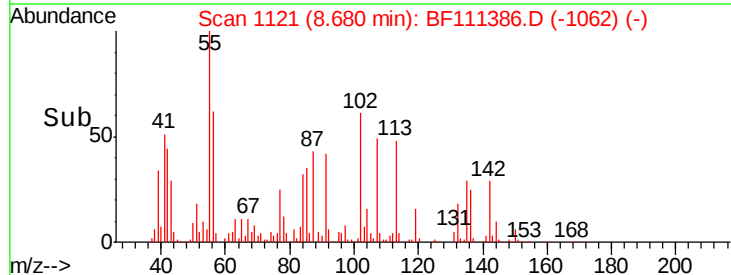
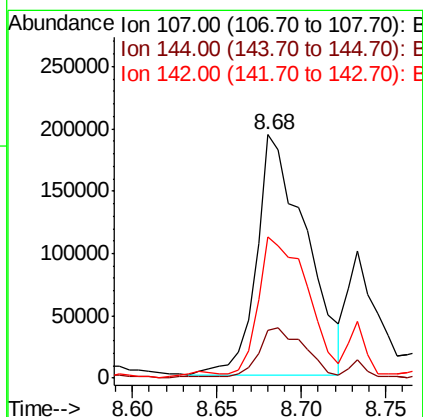
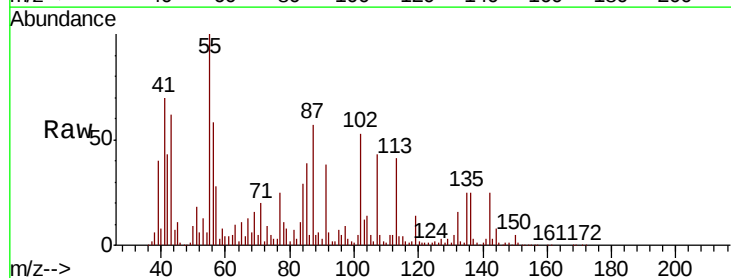
Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MSD

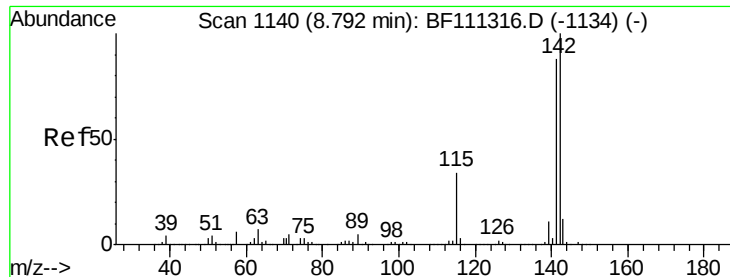
Tgt Ion:113 Resp: 22905
 Ion Ratio Lower Upper
 113 100
 55 509.7 184.1 224.1#
 56 269.9 126.0 166.0#



#36
 4-Chloro-3-methylphenol
 Concen: 25.985 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.05 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Tgt Ion:107 Resp: 394327
 Ion Ratio Lower Upper
 107 100
 144 19.7 19.8 29.6#
 142 58.2 62.3 93.5#

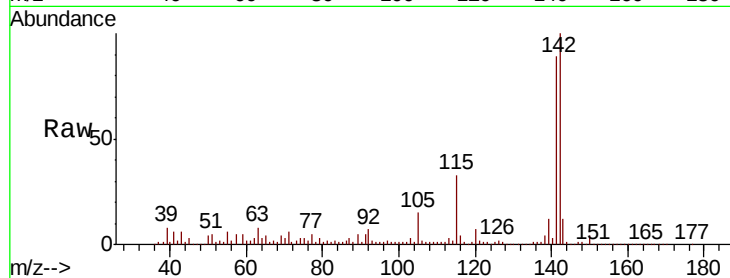




#37
2-Methylnaphthalene
Concen: 32.174 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.6	105.8
115	32.7	27.0	40.6

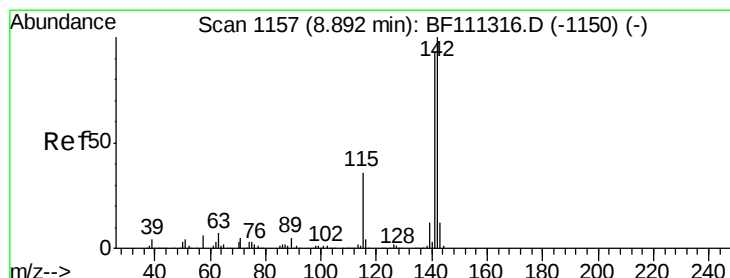
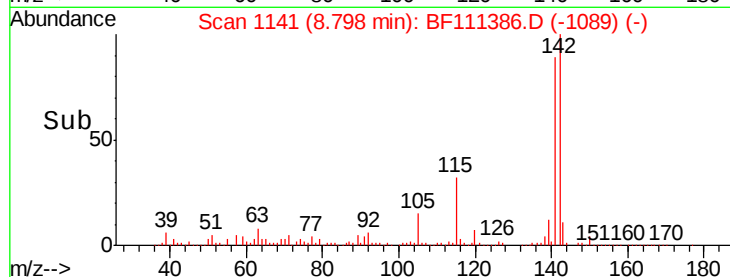
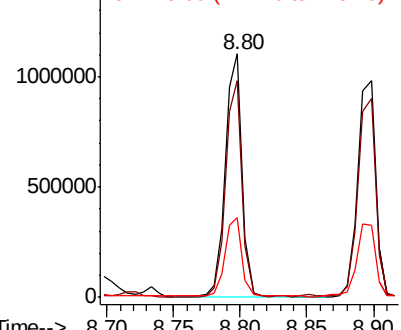


Abundance

Ion 142.00 (141.70 to 142.70): E

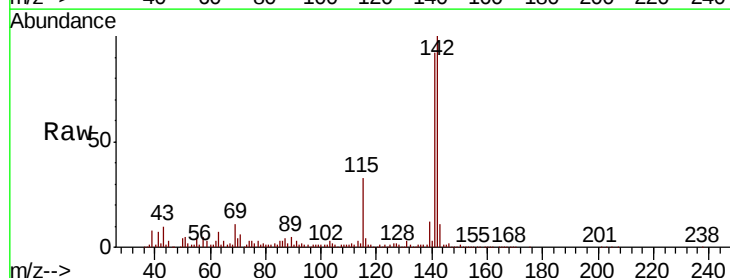
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 30.812 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.4
116	3.8	2.9	4.3

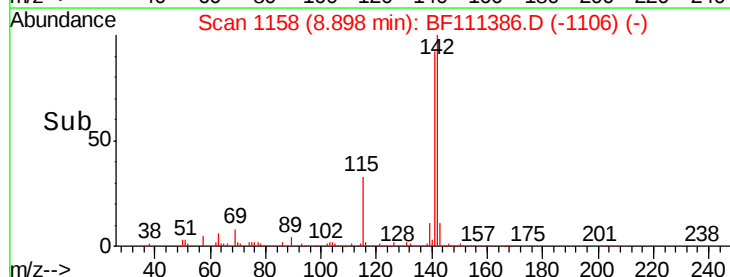
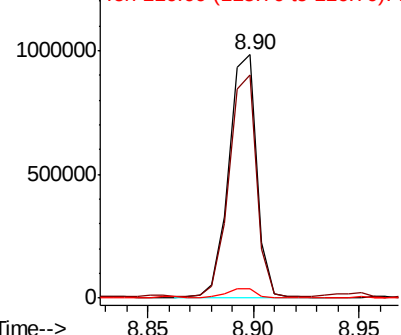


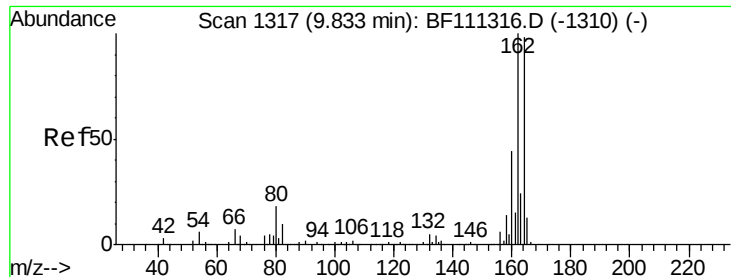
Abundance

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: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

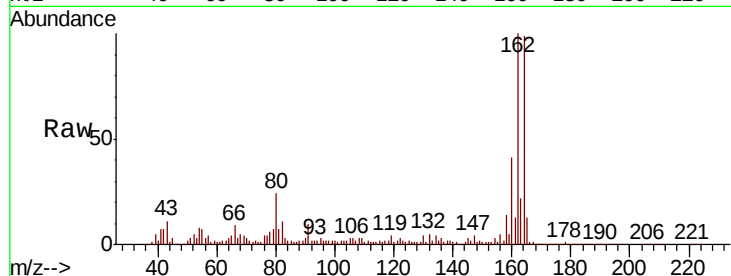
Tgt Ion:164 Resp: 439430

Ion Ratio Lower Upper

164 100

162 101.2 81.4 122.0

160 41.8 35.7 53.5

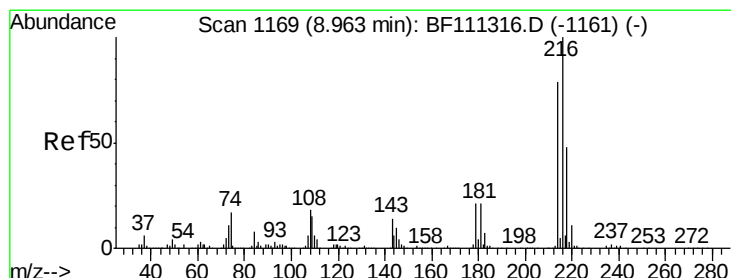
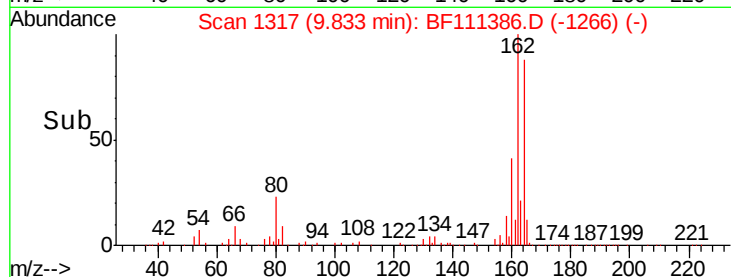
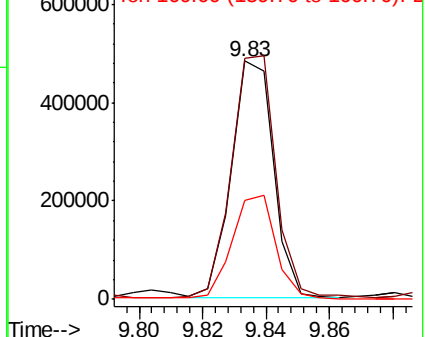


Abundance

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: 29.024 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Tgt Ion:216 Resp: 358498

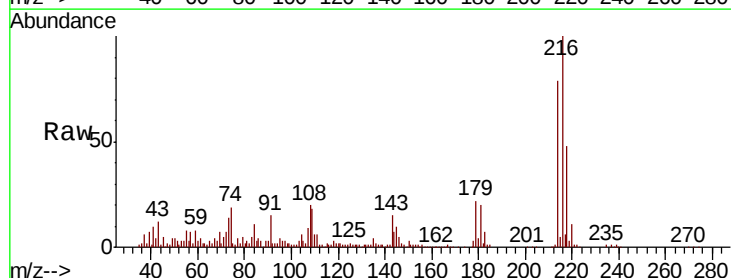
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.8

179 22.4 17.9 26.9

108 24.0 18.4 27.6



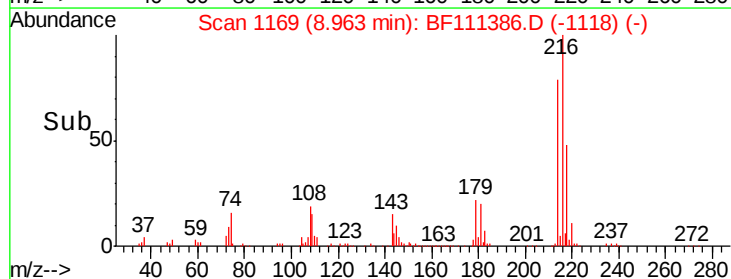
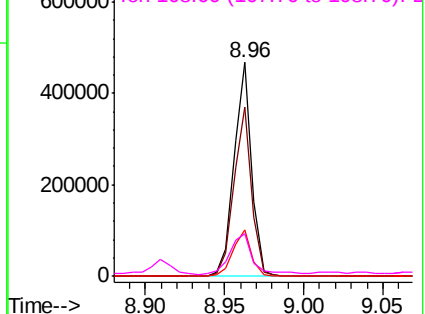
Abundance

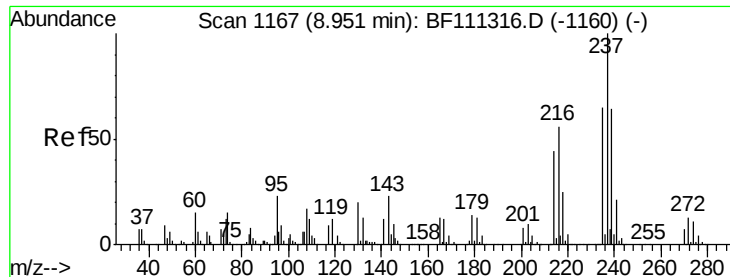
Ion 216.00 (215.70 to 216.70): E

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: 15.881 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

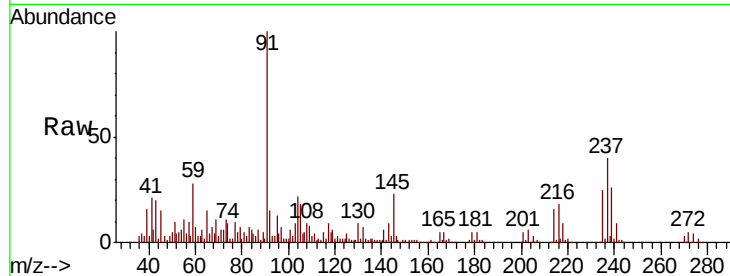
Tgt Ion: 237 Resp: 102431

Ion Ratio Lower Upper

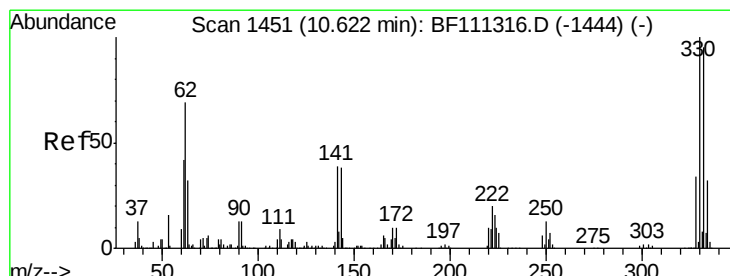
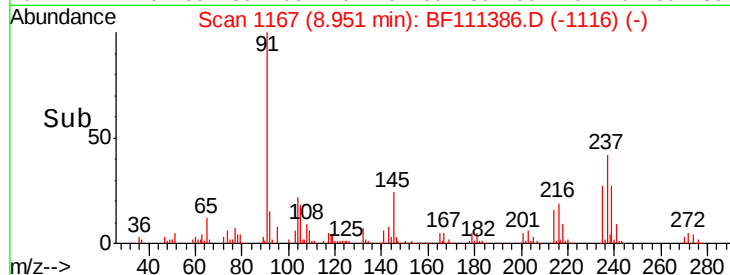
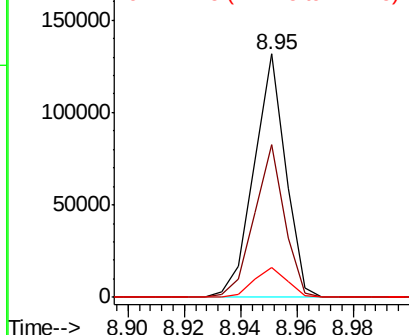
237 100

235 62.9 43.1 83.1

272 12.2 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: 70.286 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

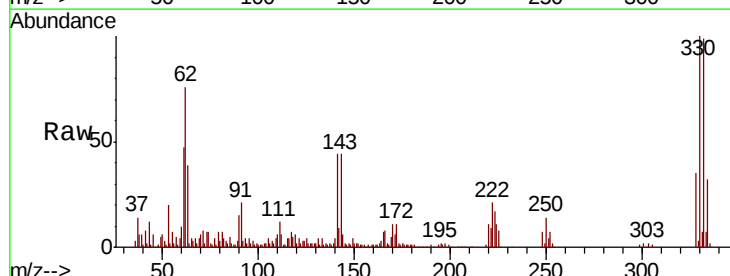
Tgt Ion: 330 Resp: 272261

Ion Ratio Lower Upper

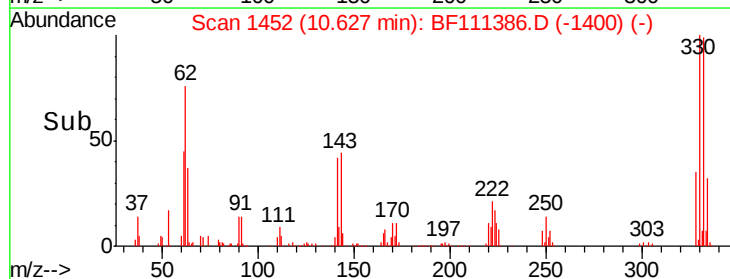
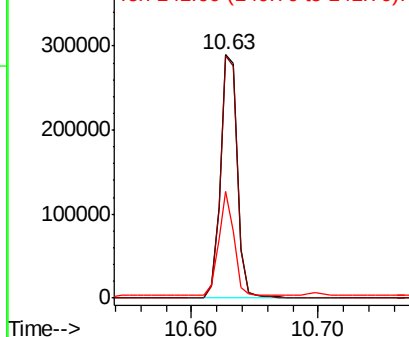
330 100

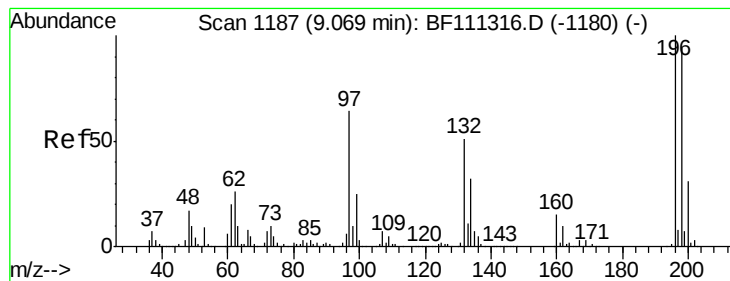
332 99.1 76.0 114.0

141 38.6 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: 27.783 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.02 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

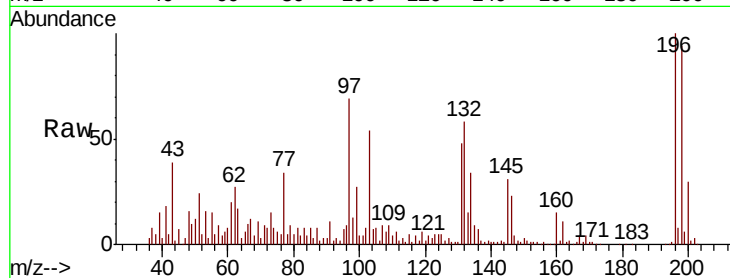
Tgt Ion:196 Resp: 245623

Ion Ratio Lower Upper

196 100

198 93.7 76.3 114.5

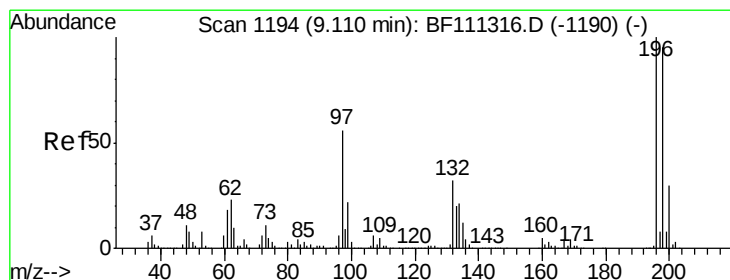
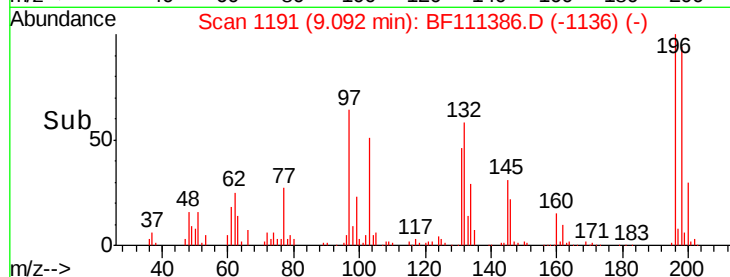
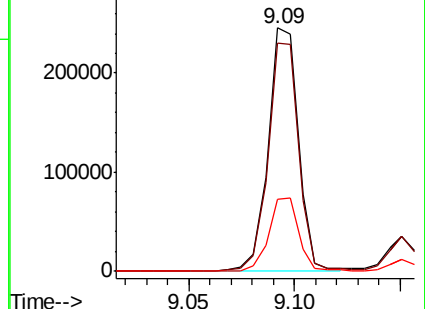
200 29.6 24.9 37.3



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: 24.011 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.06 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Tgt Ion:196 Resp: 224345

Ion Ratio Lower Upper

196 100

198 95.9 72.9 109.3

97 56.0 45.3 67.9

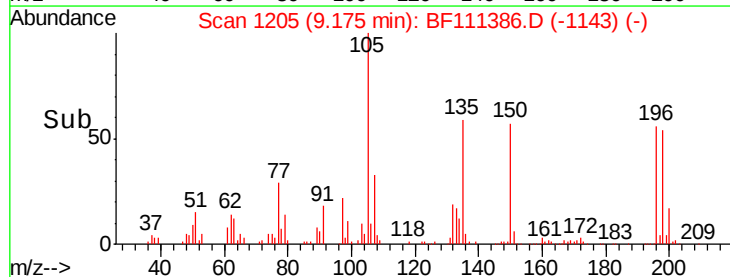
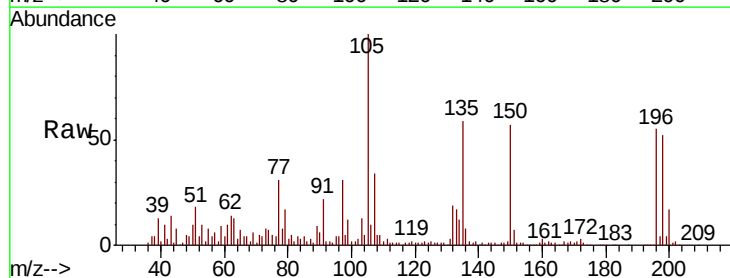
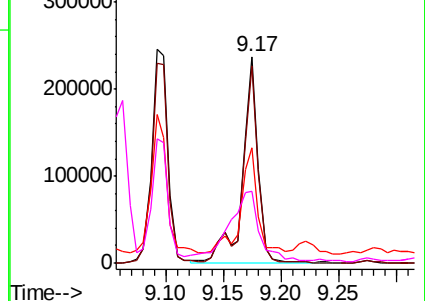
132 35.1 25.5 38.3

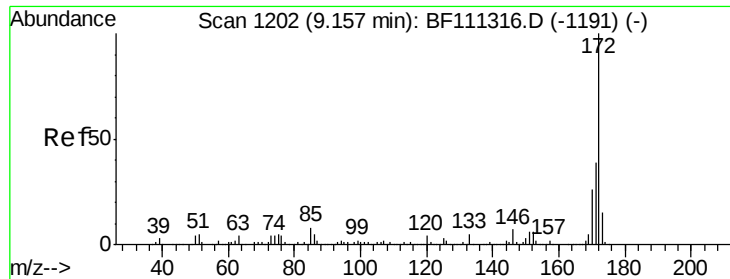
Abundance Ion 196.00 (195.70 to 196.70): E

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

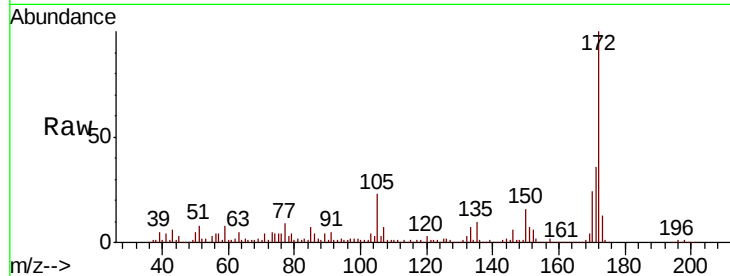




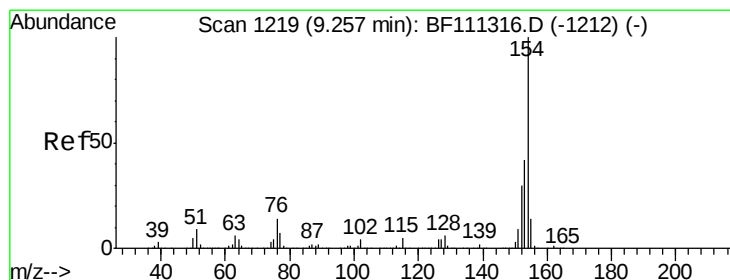
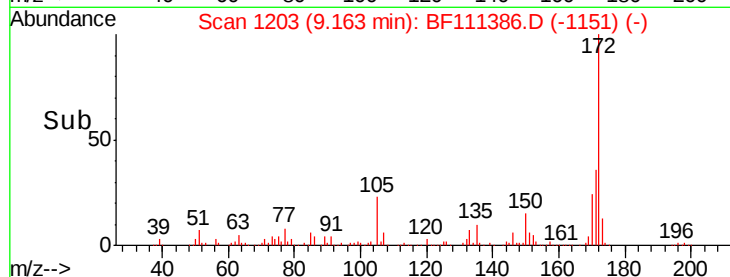
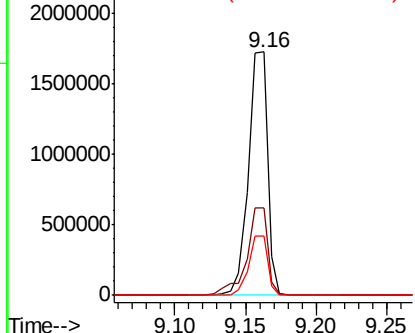
#45
2-Fluorobiphenyl
Concen: 60.574 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tgt Ion:172 Resp: 1657952
Ion Ratio Lower Upper
172 100
171 35.8 33.0 49.4
170 24.1 22.3 33.5

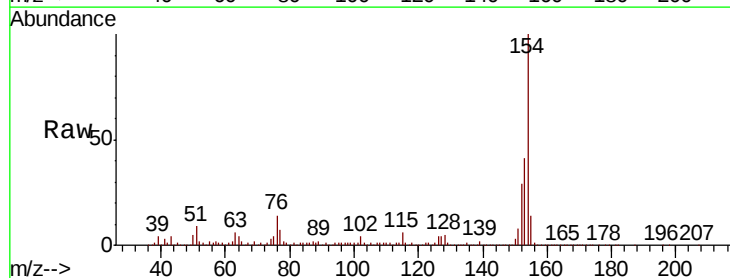


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

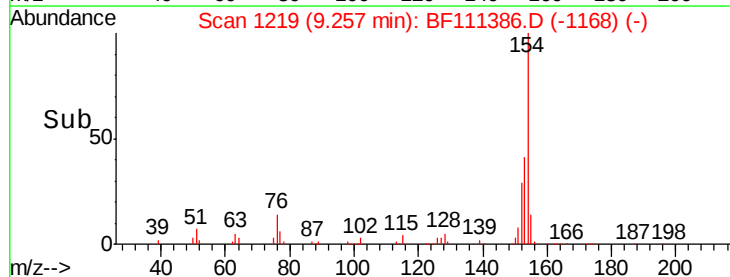
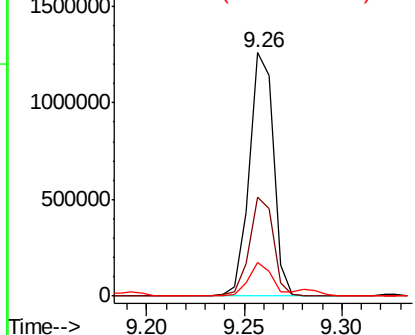


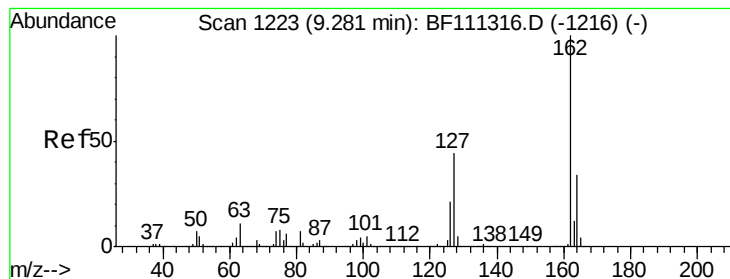
#46
1,1'-Biphenyl
Concen: 28.916 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion:154 Resp: 1084166
Ion Ratio Lower Upper
154 100
153 40.8 23.7 63.7
76 13.9 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: 28.548 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

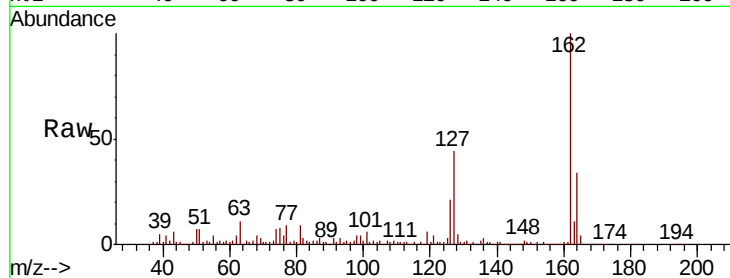
Tgt Ion: 162 Resp: 819705

Ion Ratio Lower Upper

162 100

127 44.1 35.0 52.4

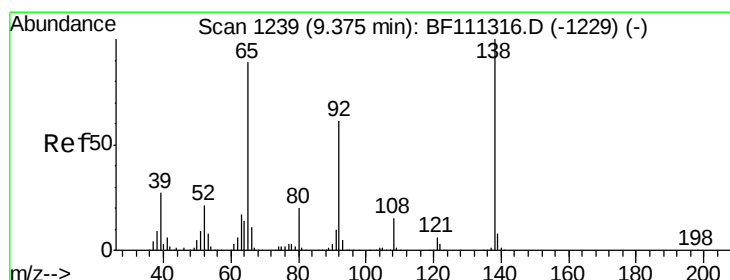
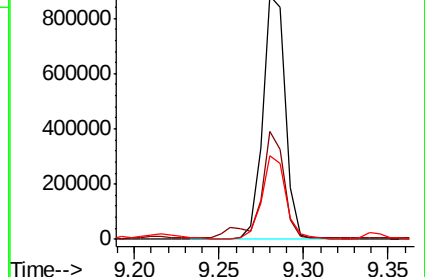
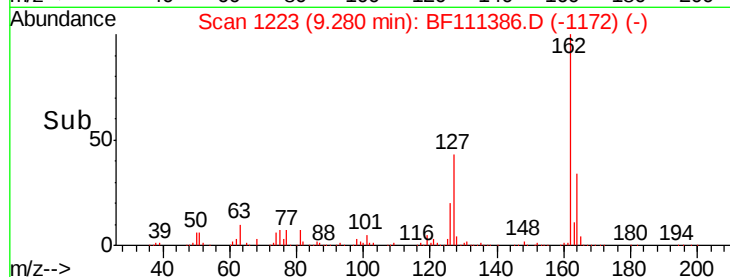
164 34.1 28.4 42.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 28.270 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

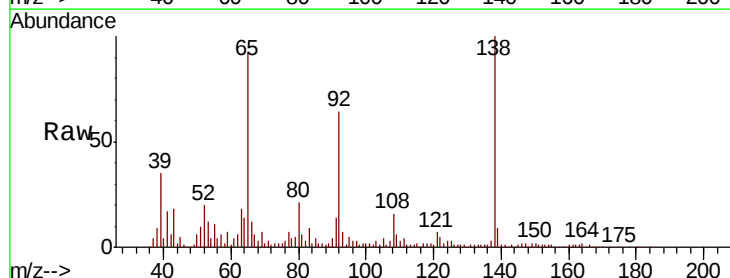
Tgt Ion: 65 Resp: 263775

Ion Ratio Lower Upper

65 100

92 70.0 53.5 80.3

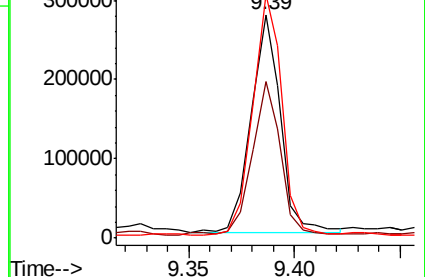
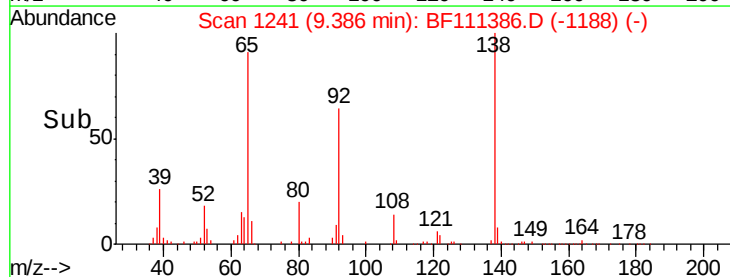
138 109.1 80.9 121.3

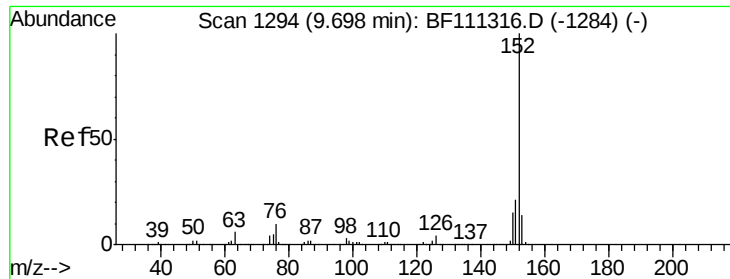


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 30.106 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

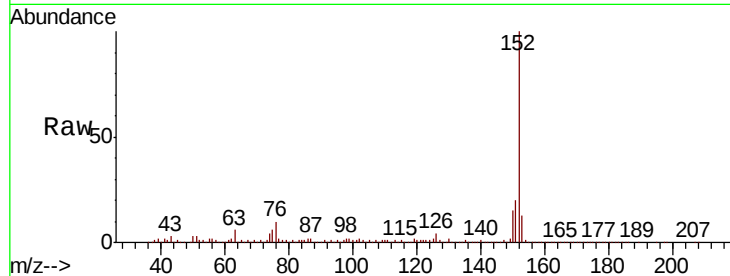
Tgt Ion:152 Resp: 1262943

Ion Ratio Lower Upper

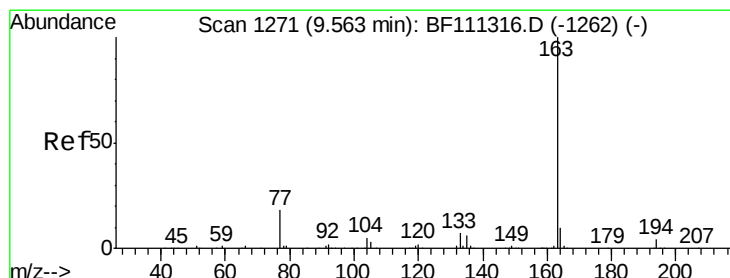
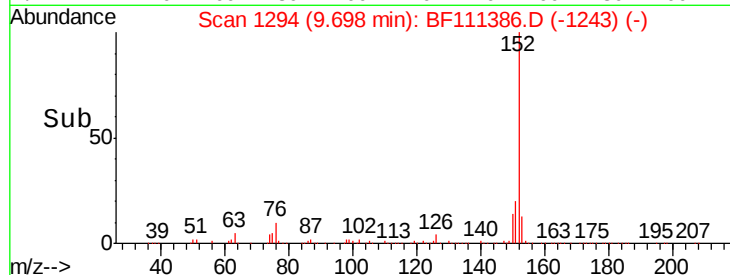
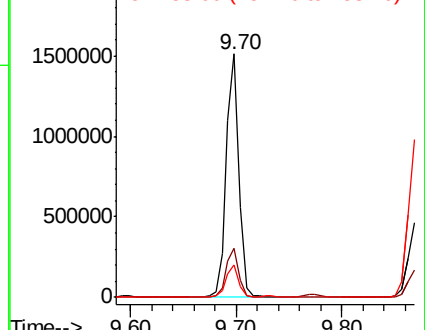
152 100

151 20.3 18.0 27.0

153 13.1 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: 33.275 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

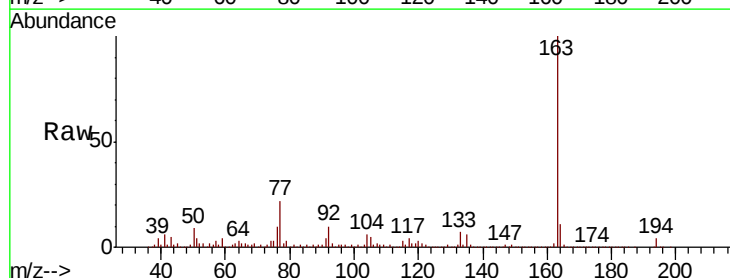
Tgt Ion:163 Resp: 1051473

Ion Ratio Lower Upper

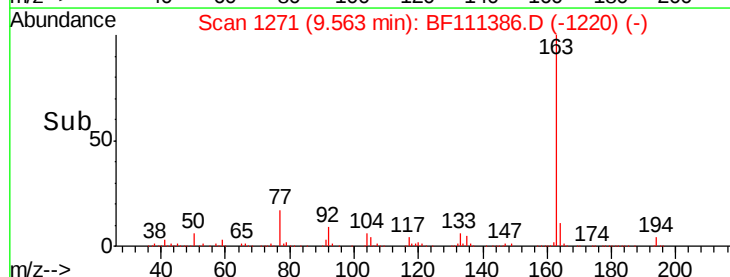
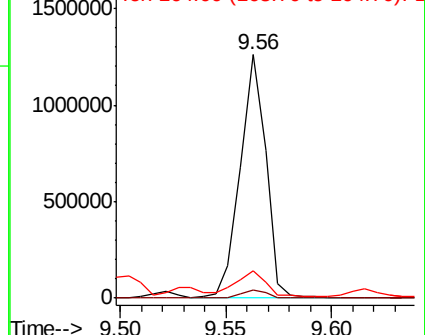
163 100

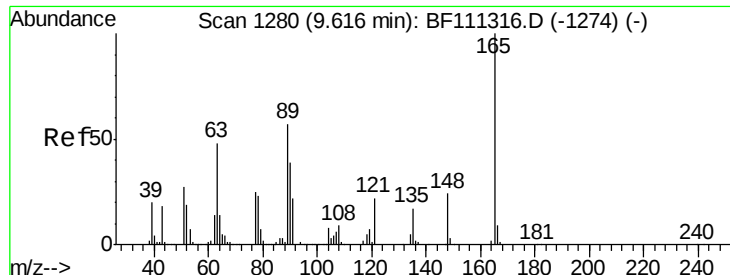
194 3.5 3.0 4.6

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

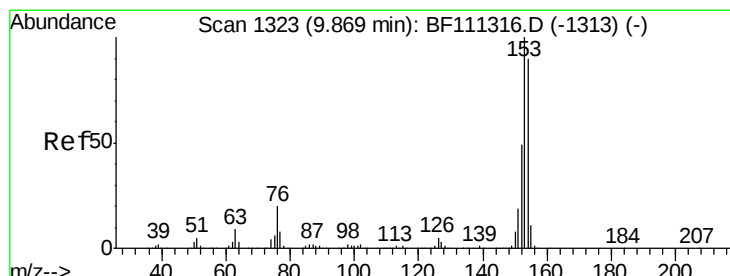
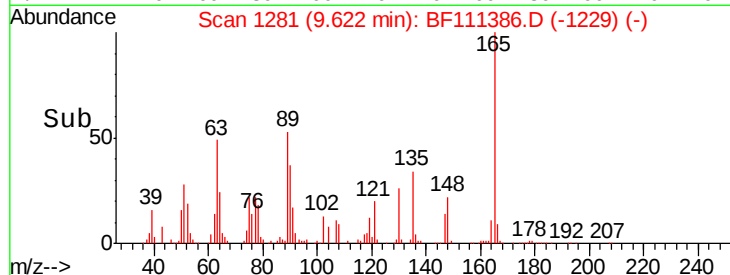
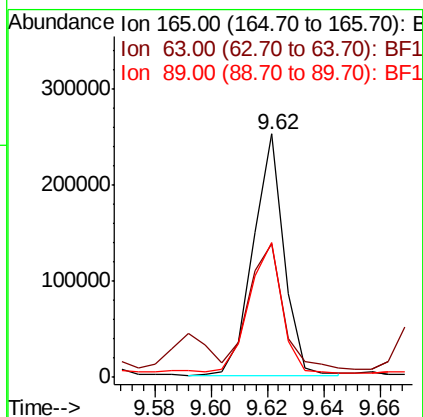
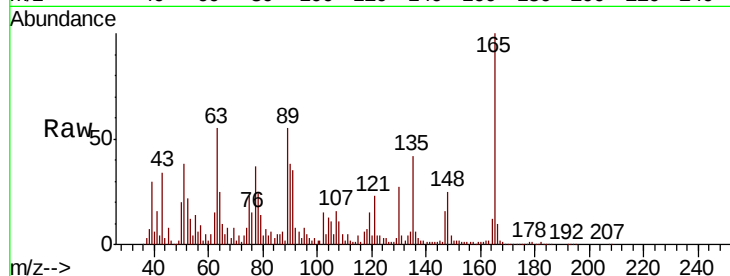




#51
2,6-Dinitrotoluene
Concen: 27.125 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

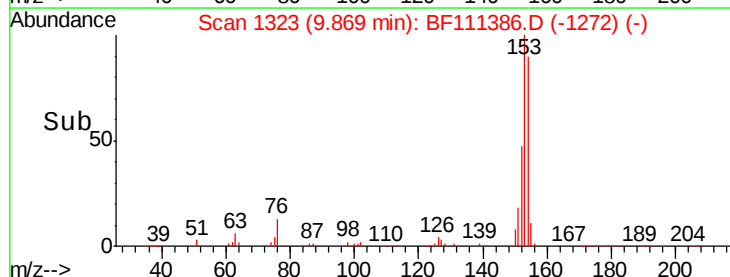
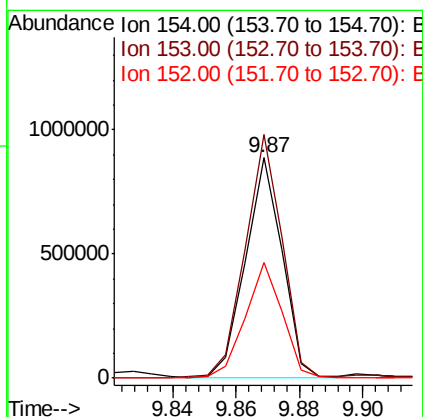
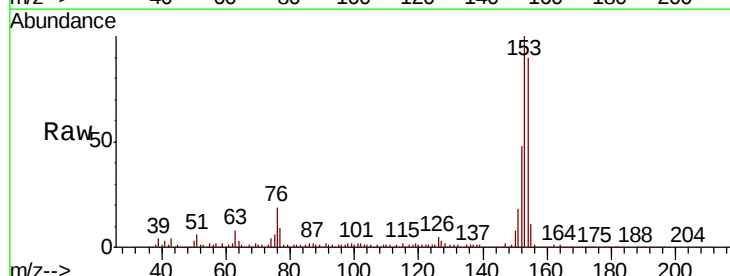
Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

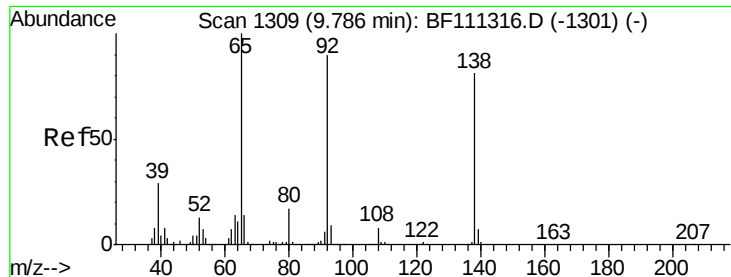
Tgt Ion:165 Resp: 190001
Ion Ratio Lower Upper
165 100
63 54.7 40.5 60.7
89 55.2 40.0 60.0



#52
Acenaphthene
Concen: 26.665 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion:154 Resp: 705538
Ion Ratio Lower Upper
154 100
153 110.6 87.8 131.8
152 52.6 43.4 65.2

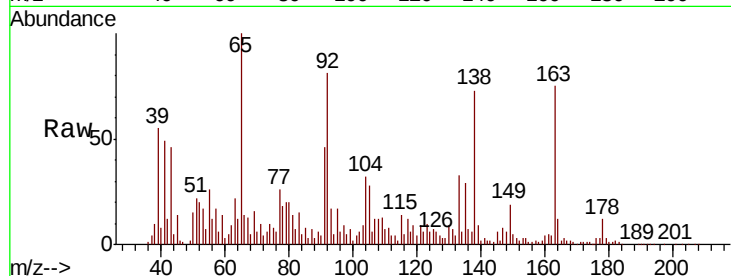




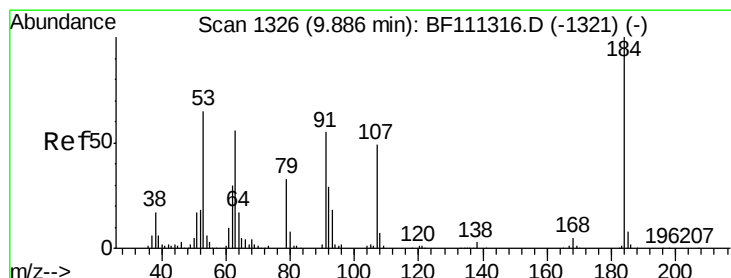
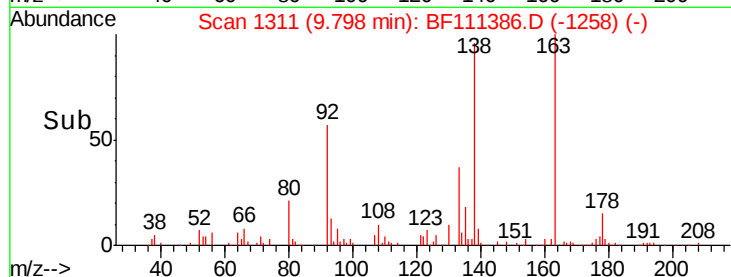
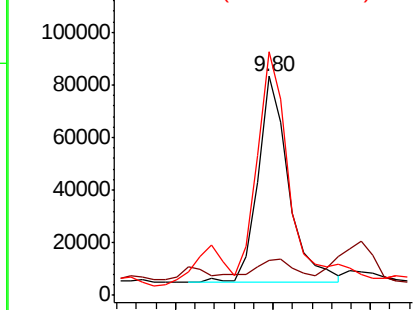
#53
3-Nitroaniline
Concen: 10.175 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tgt Ion:138 Resp: 85663
Ion Ratio Lower Upper
138 100
108 15.8 8.2 12.4#
92 111.2 93.4 140.2

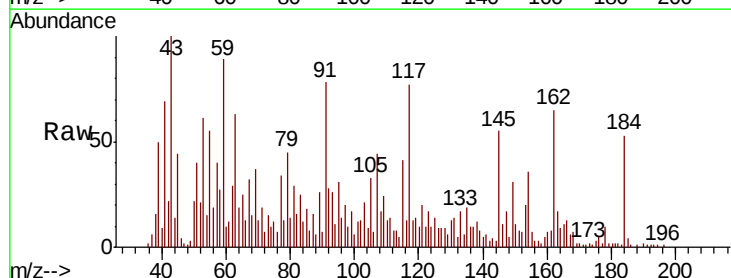


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

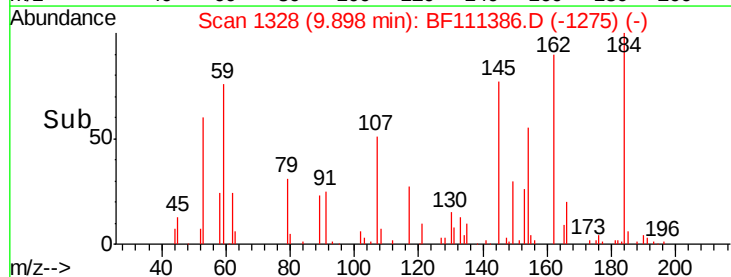
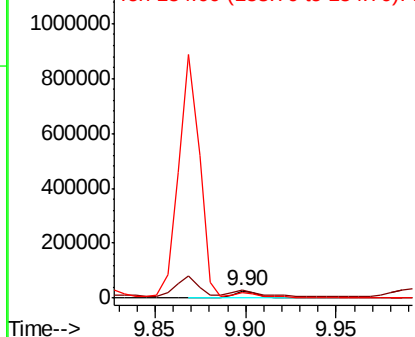


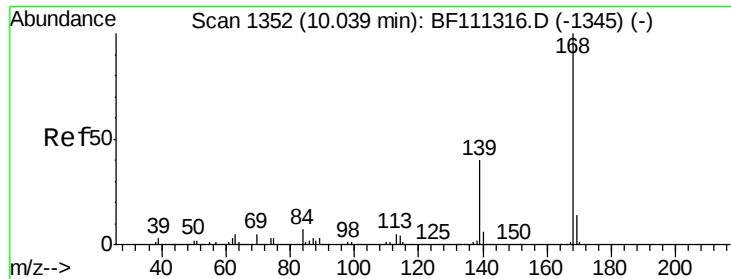
#54
2,4-Dinitrophenol
Concen: 9.459 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion:184 Resp: 25995
Ion Ratio Lower Upper
184 100
63 118.8 62.3 93.5#
154 67.5 56.2 84.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

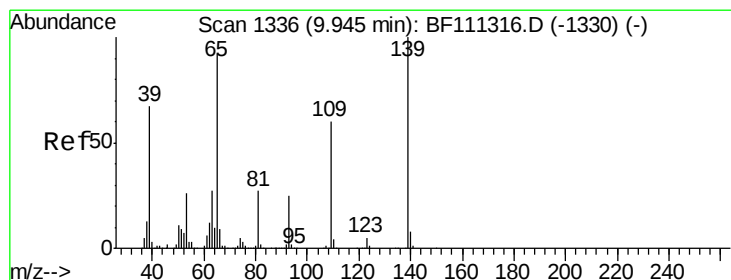
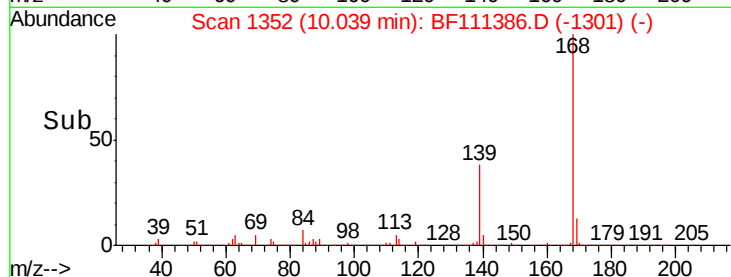
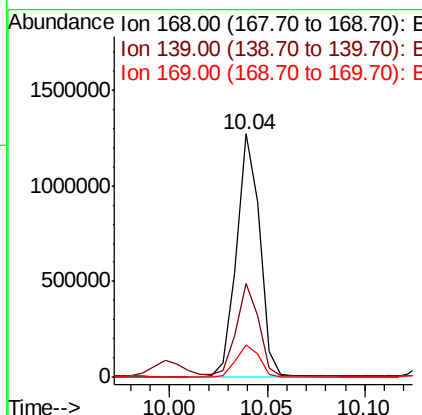
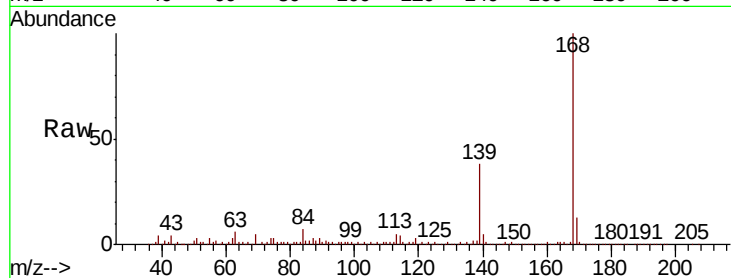




#55
Dibenzofuran
Concen: 27.419 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

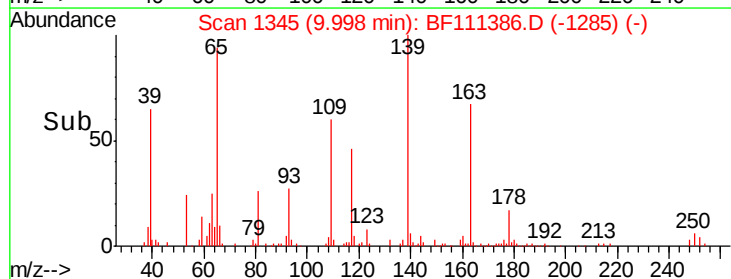
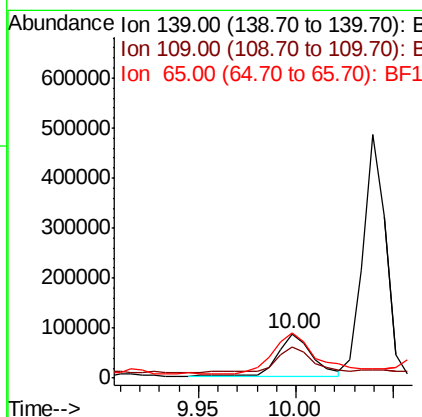
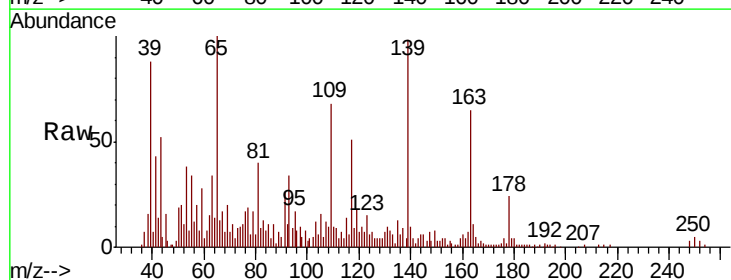
Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

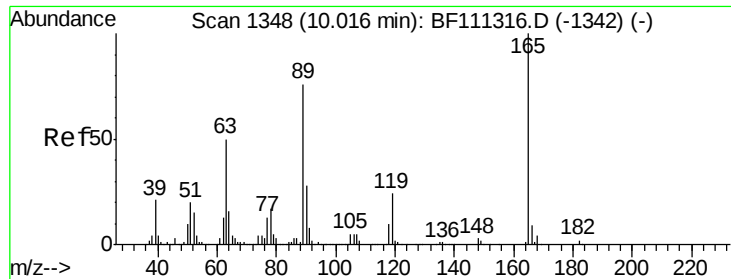
Tgt Ion:168 Resp: 1047348
Ion Ratio Lower Upper
168 100
139 38.3 32.6 49.0
169 13.4 11.8 17.6



#56
4-Nitrophenol
Concen: 16.642 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.05 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion:139 Resp: 100900
Ion Ratio Lower Upper
139 100
109 69.5 41.8 81.8
65 101.9 79.6 119.6

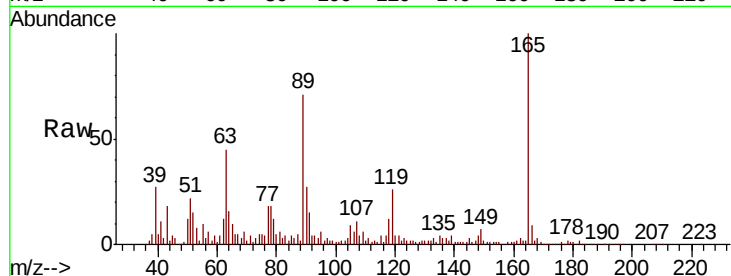




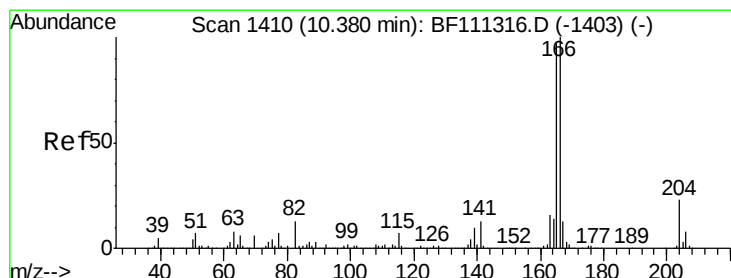
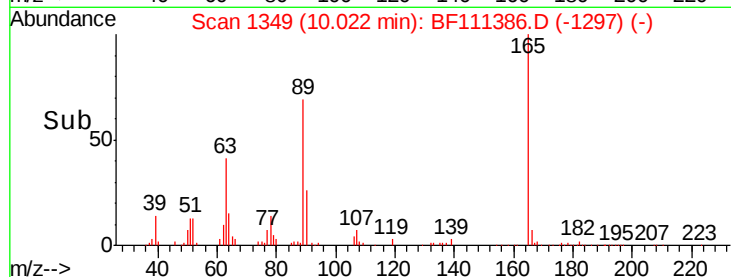
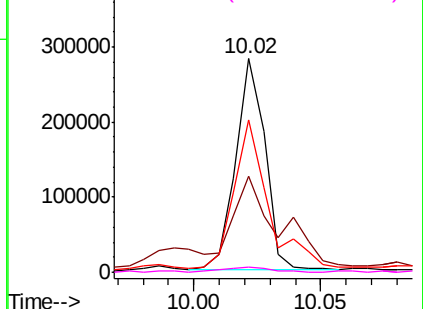
#57
2,4-Dinitrotoluene
Concen: 24.826 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tgt Ion:165 Resp: 222863
Ion Ratio Lower Upper
165 100
63 44.7 34.6 52.0
89 71.0 56.2 84.4
182 2.5 1.8 2.6

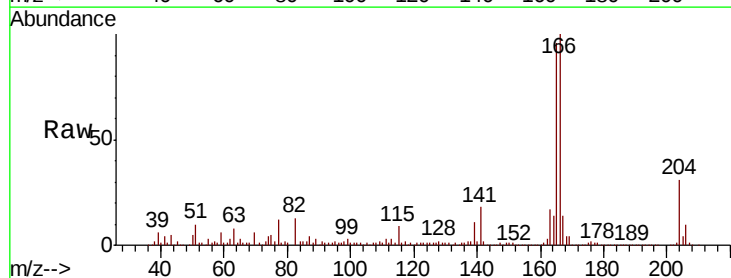


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

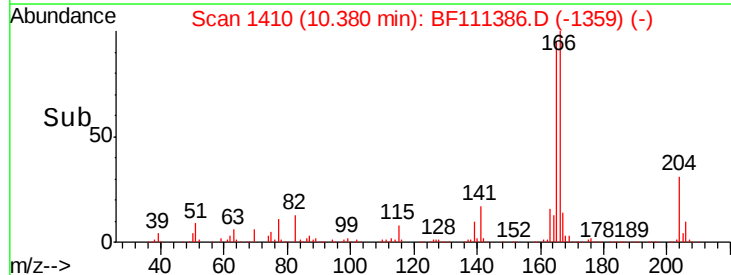
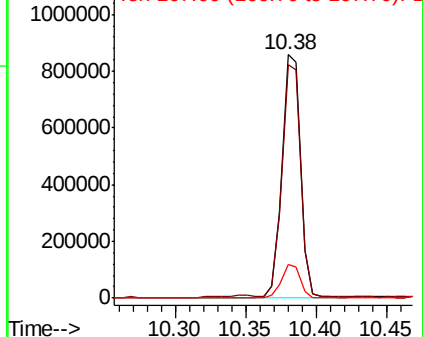


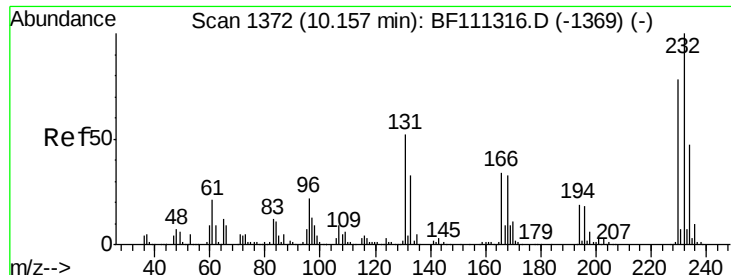
#58
Fluorene
Concen: 28.746 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion:166 Resp: 785476
Ion Ratio Lower Upper
166 100
165 95.6 78.4 117.6
167 13.7 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

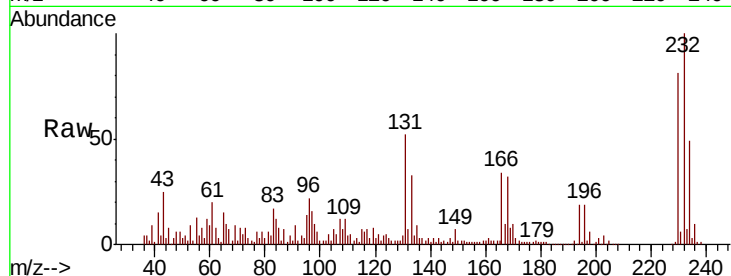




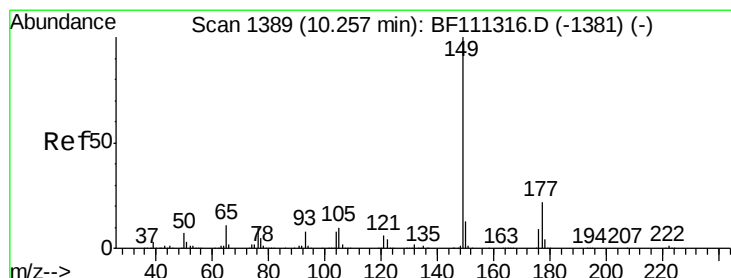
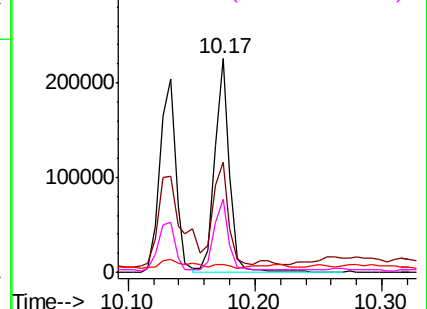
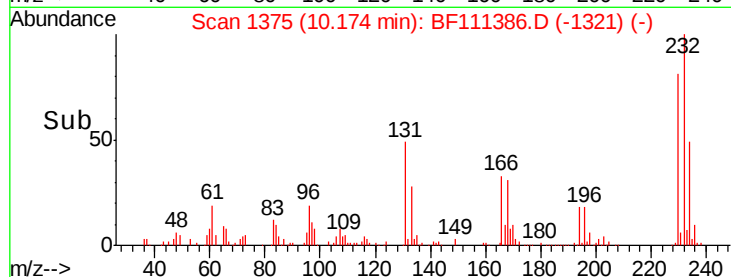
#59
2,3,4,6-Tetrachlorophenol
Concen: 25.232 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.02 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.3	40.9	61.3
130	2.1	2.0	3.0
166	32.8	26.8	40.2

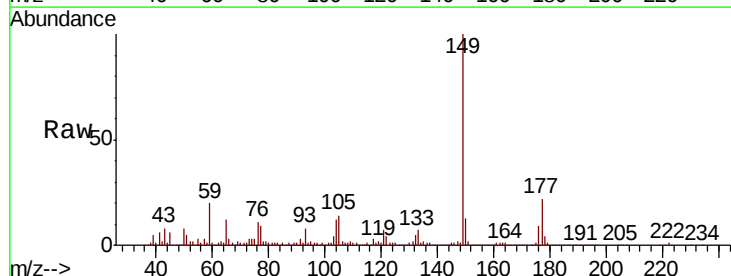


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

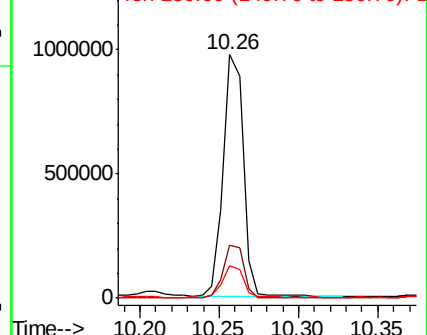
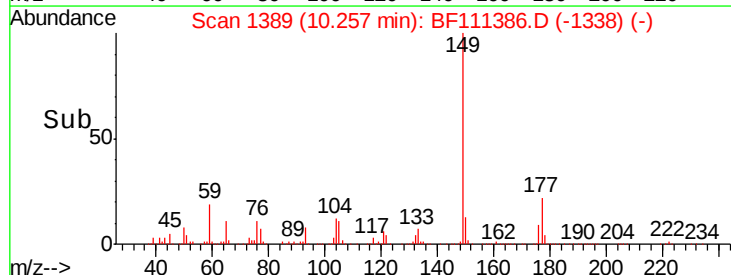


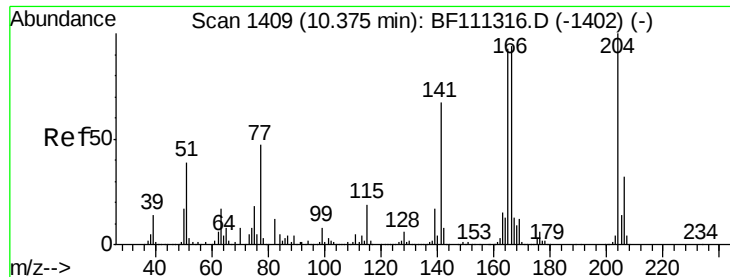
#60
Diethylphthalate
Concen: 26.793 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	18.3	27.5
150	13.2	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

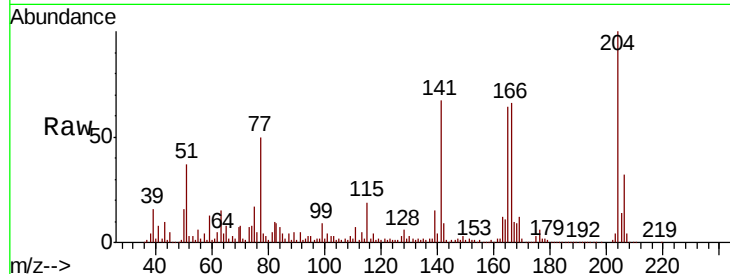




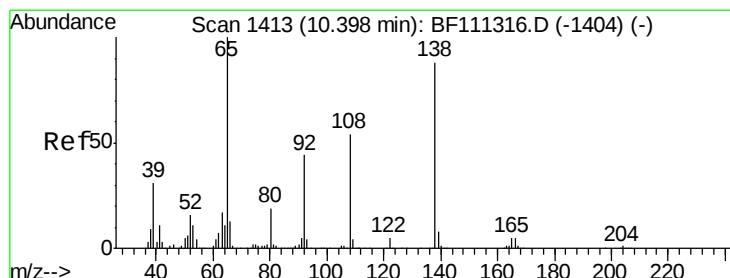
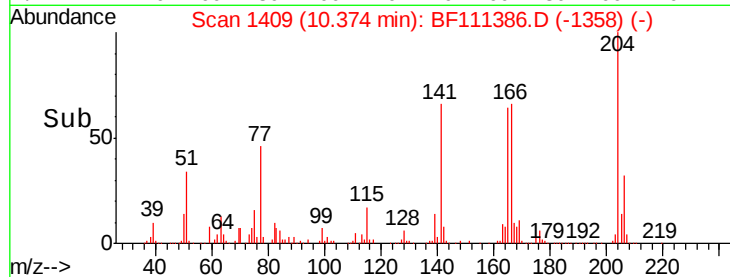
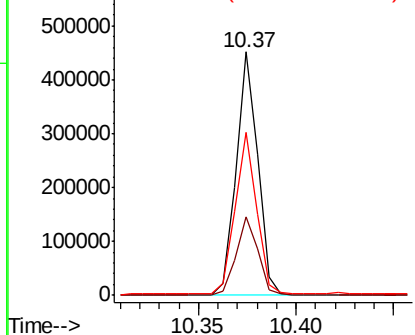
#61
 4-Chlorophenyl-phenylether
 Concen: 25.536 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MSD

Tgt Ion:	204	Resp:	345914
Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.6	39.8
141	67.0	52.6	78.8

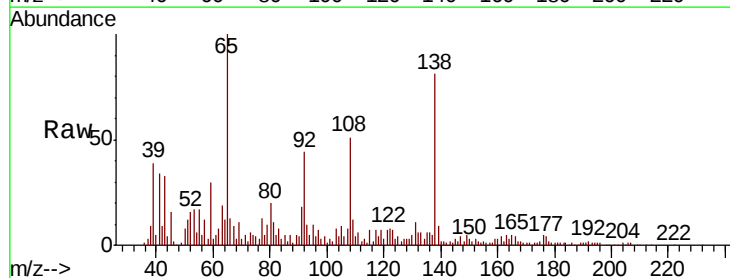


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

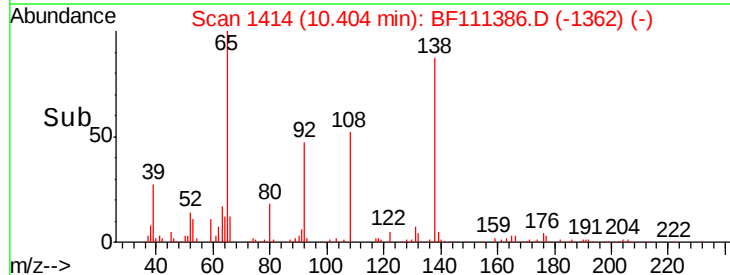
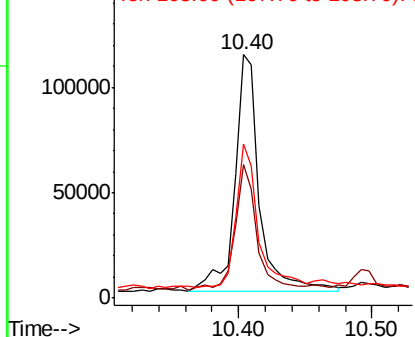


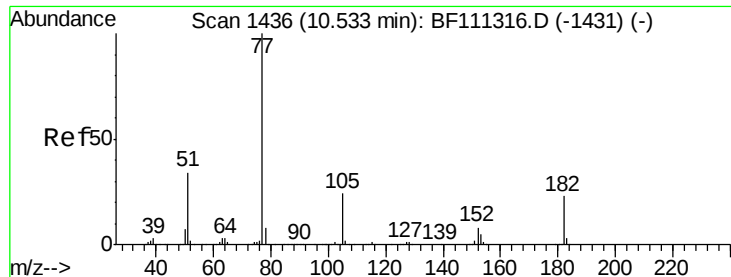
#62
 4-Nitroaniline
 Concen: 17.892 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Tgt Ion:	138	Resp:	144789
Ion	Ratio	Lower	Upper
138	100		
92	54.6	29.9	69.9
108	63.3	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: 25.910 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

Tgt Ion: 77 Resp: 831099

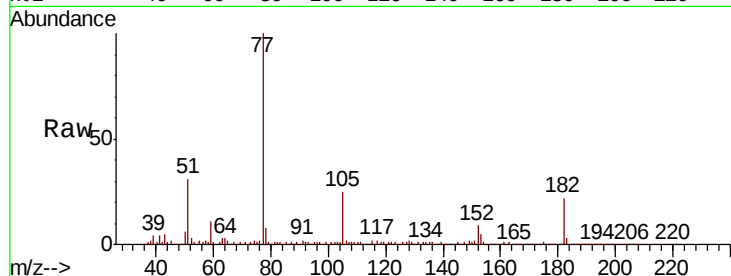
Ion Ratio Lower Upper

77 100

182 22.0 4.9 44.9

105 25.0 6.0 46.0

51 31.3 14.7 54.7

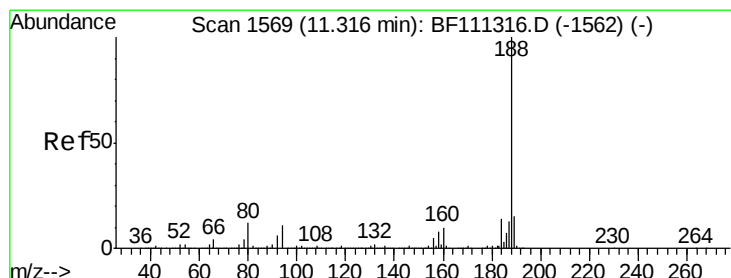
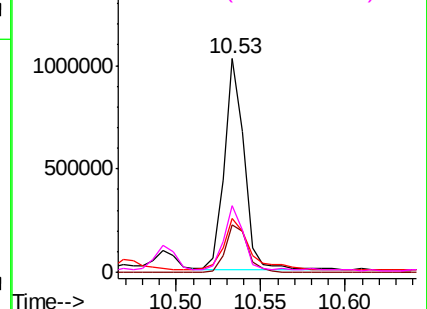
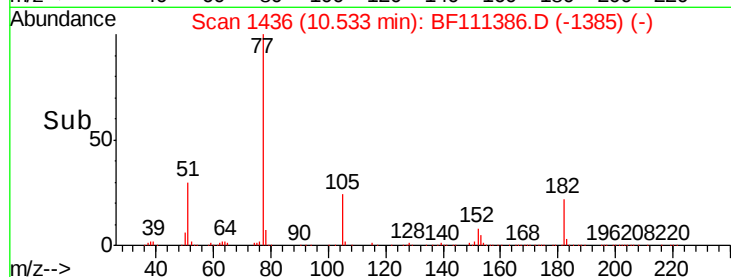


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

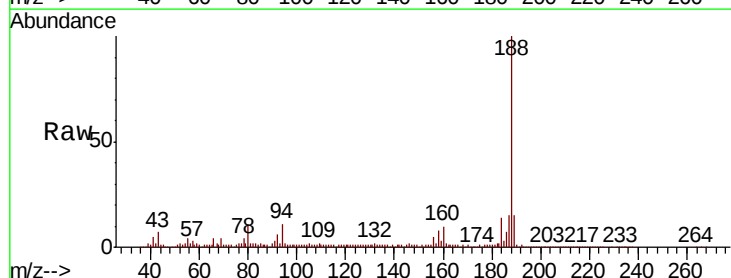
Tgt Ion: 188 Resp: 624035

Ion Ratio Lower Upper

188 100

94 10.5 9.6 14.4

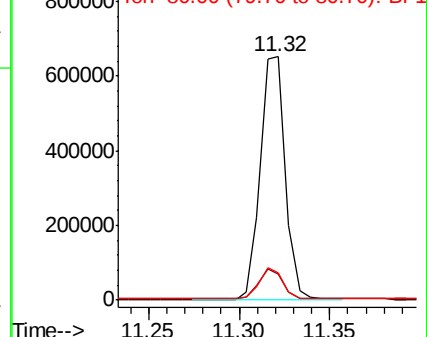
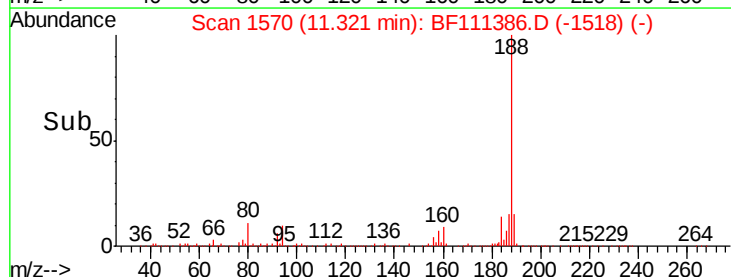
80 11.0 9.8 14.6

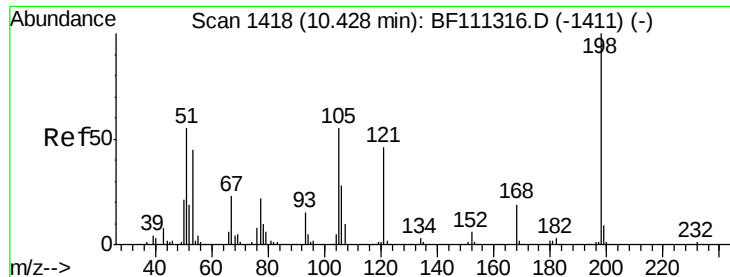


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

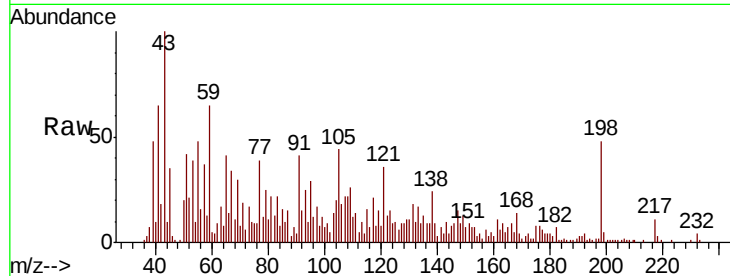




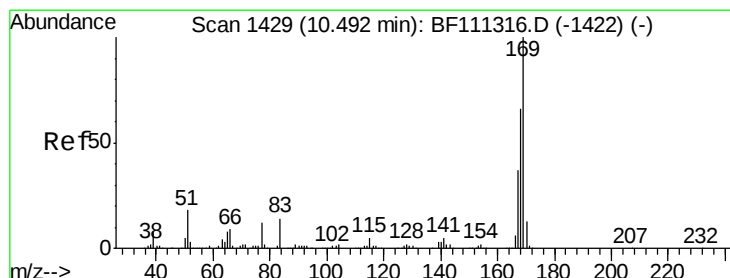
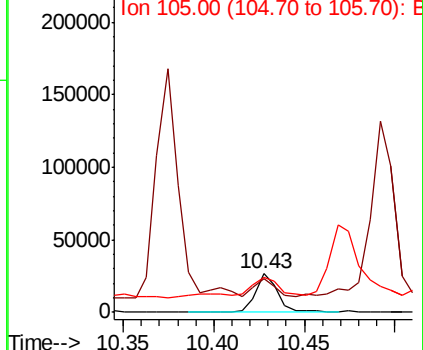
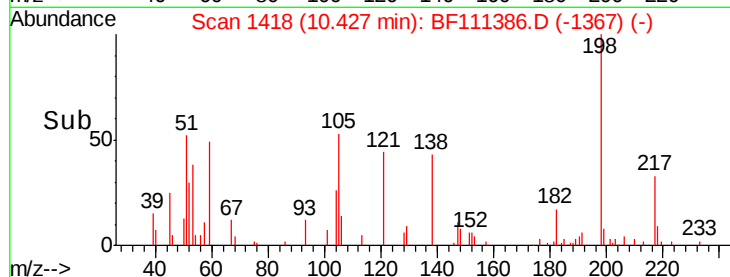
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.527 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MSD

Tgt Ion:198 Resp: 23384
 Ion Ratio Lower Upper
 198 100
 51 87.0 48.0 88.0
 105 91.6 34.0 74.0#

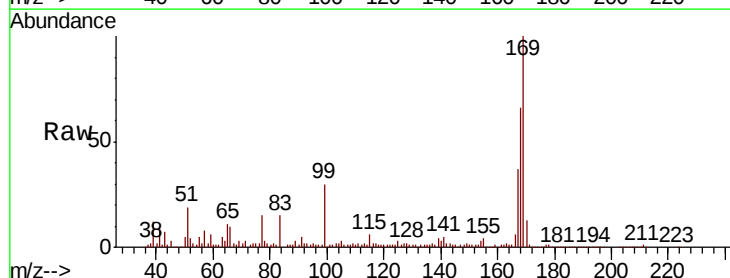


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

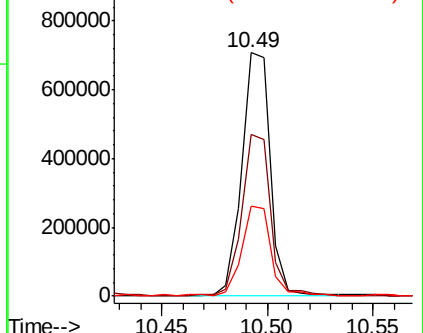
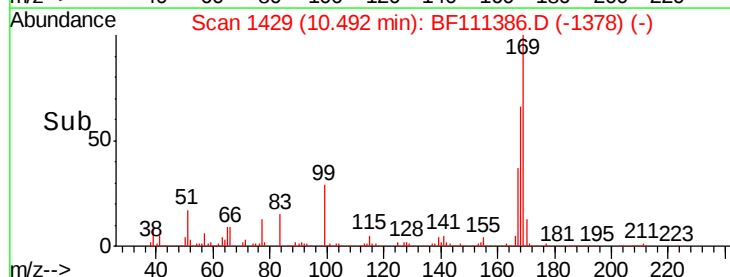


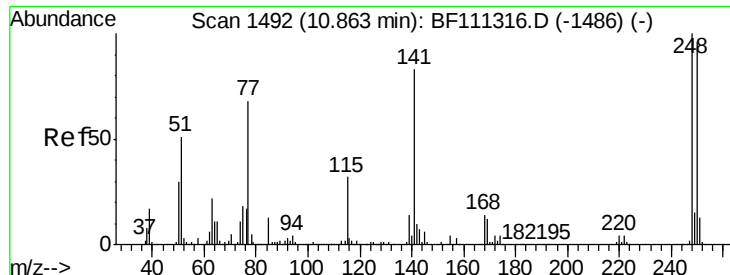
#66
 n-Nitrosodiphenylamine
 Concen: 29.523 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Tgt Ion:169 Resp: 655353
 Ion Ratio Lower Upper
 169 100
 168 66.3 54.4 81.6
 167 37.2 30.5 45.7



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

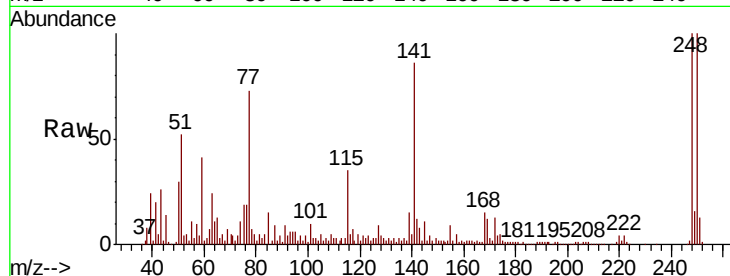




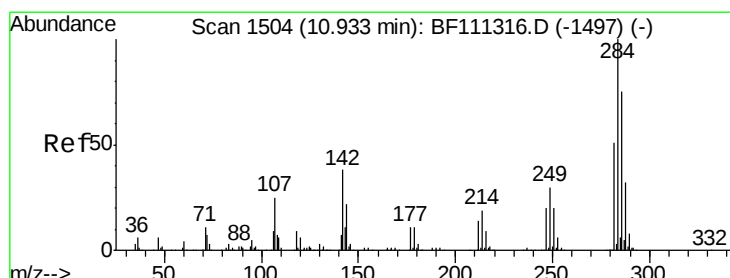
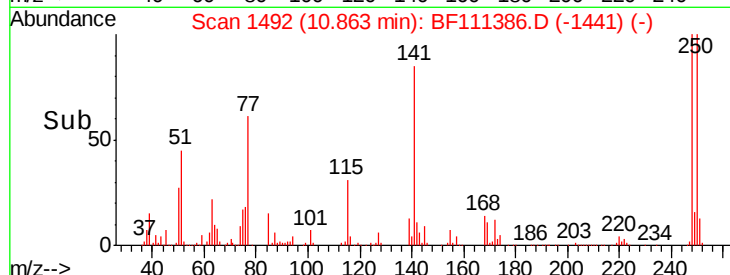
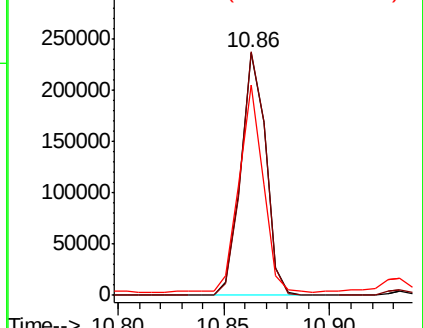
#67
4-Bromophenyl-phenylether
Concen: 27.813 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tgt Ion:248 Resp: 193216
Ion Ratio Lower Upper
248 100
250 100.3 77.0 115.4
141 86.5 63.0 94.6

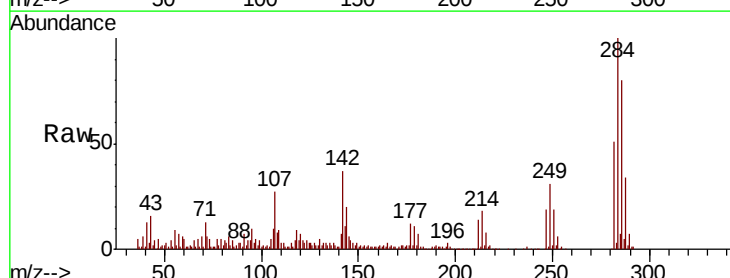


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

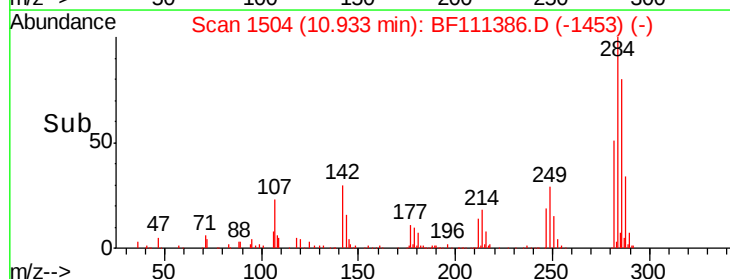
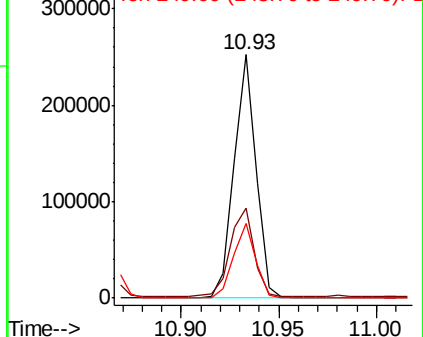


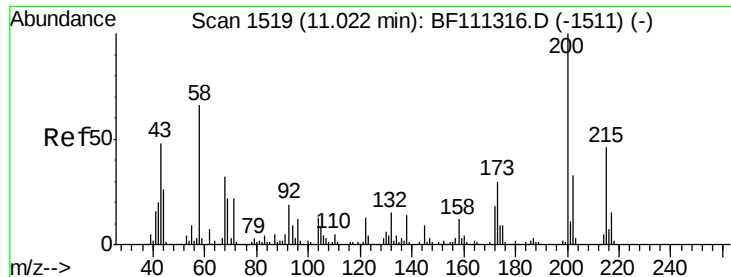
#68
Hexachlorobenzene
Concen: 27.529 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion:284 Resp: 196931
Ion Ratio Lower Upper
284 100
142 37.1 27.4 41.2
249 30.8 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: 21.721 ng

RT: 11.04 min Scan# 1523

Delta R.T. 0.02 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

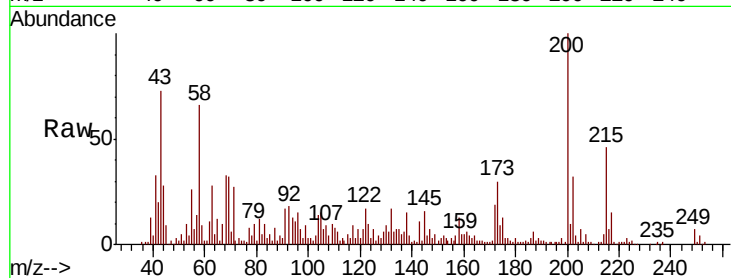
Tgt Ion:200 Resp: 139456

Ion Ratio Lower Upper

200 100

173 30.4 10.1 50.1

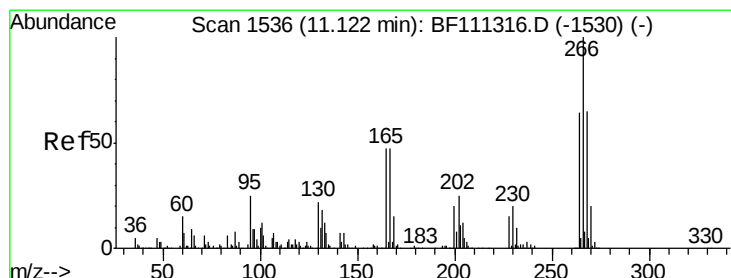
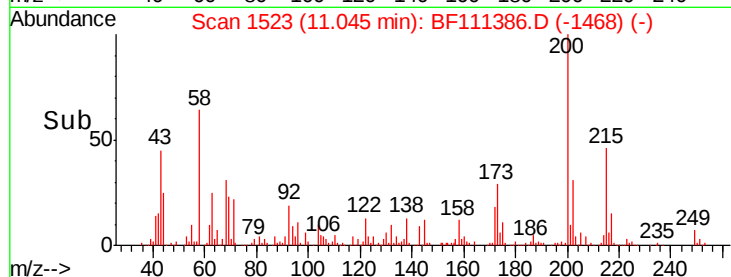
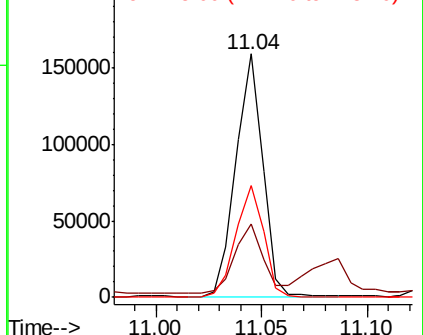
215 45.8 26.9 66.9



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: 43.446 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

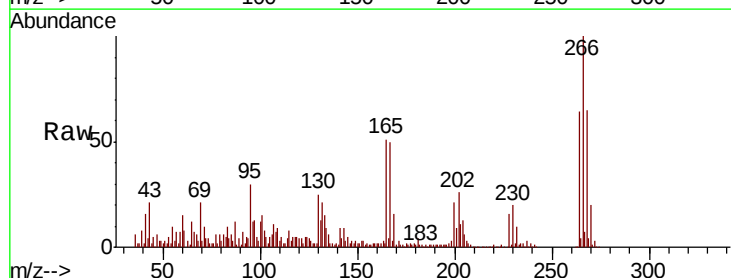
Tgt Ion:266 Resp: 206819

Ion Ratio Lower Upper

266 100

268 64.9 47.9 71.9

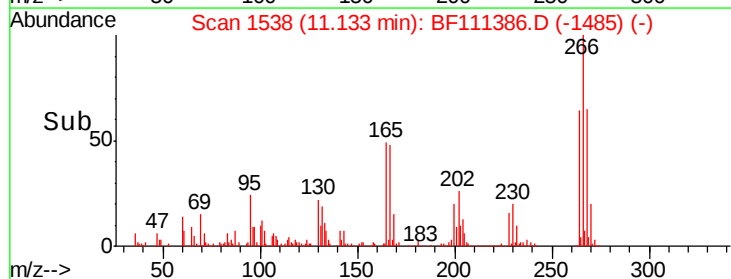
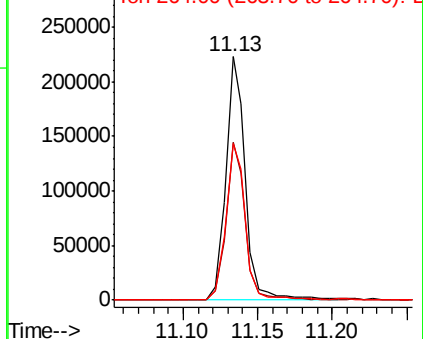
264 64.2 49.1 73.7

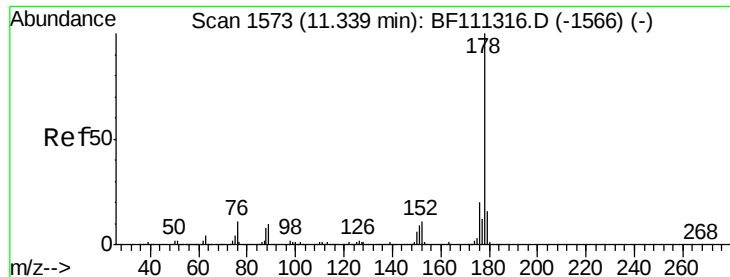


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

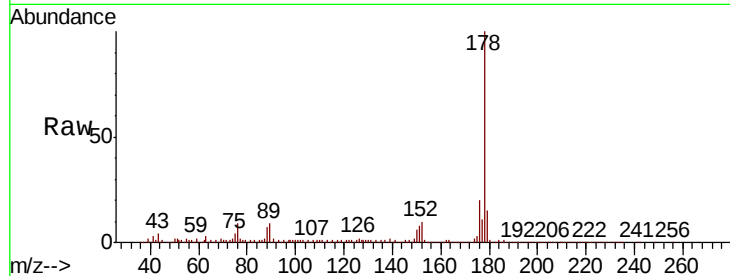




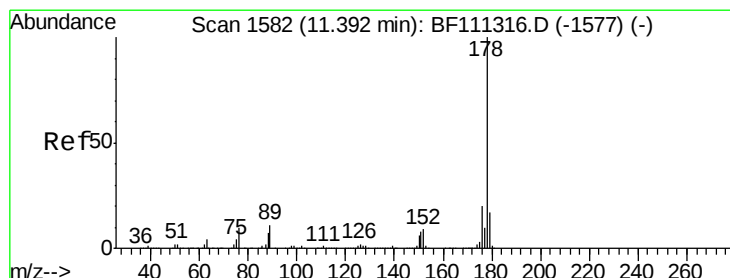
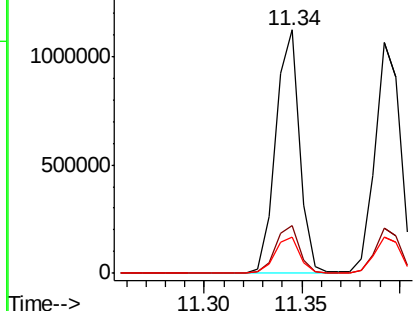
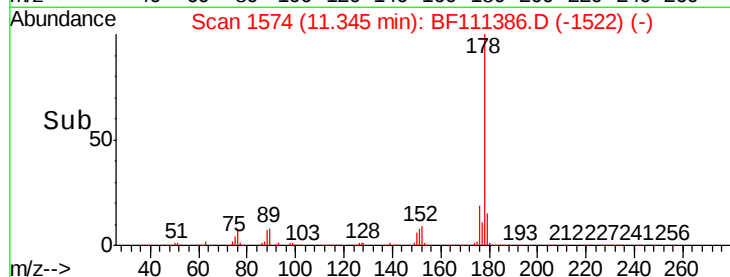
#71
Phenanthrene
Concen: 29.312 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tgt Ion:178 Resp: 945441
Ion Ratio Lower Upper
178 100
176 19.5 18.1 27.1
179 14.9 14.0 21.0

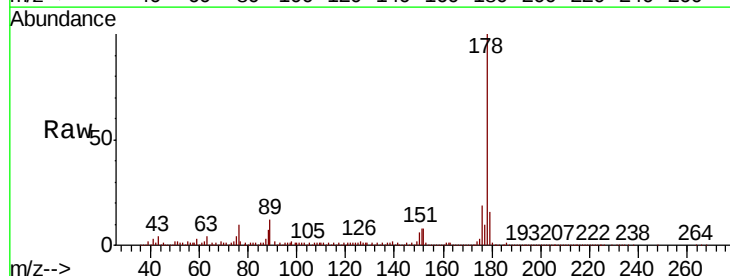


Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

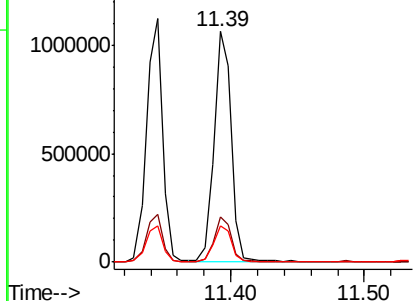
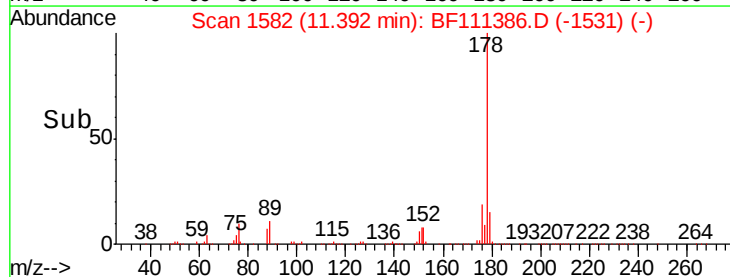


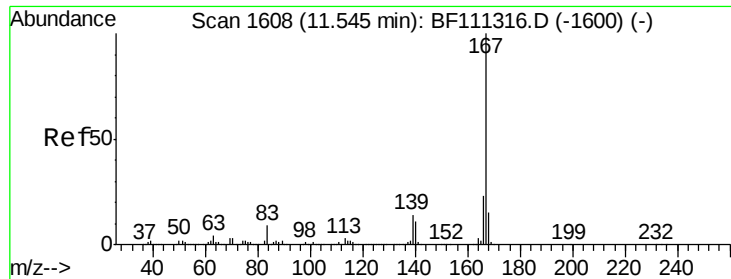
#72
Anthracene
Concen: 29.251 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion:178 Resp: 960710
Ion Ratio Lower Upper
178 100
176 19.4 17.2 25.8
179 15.6 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

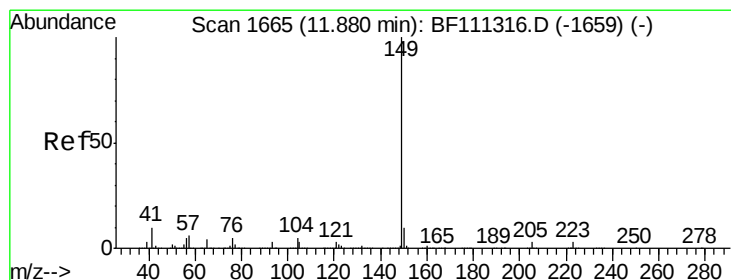
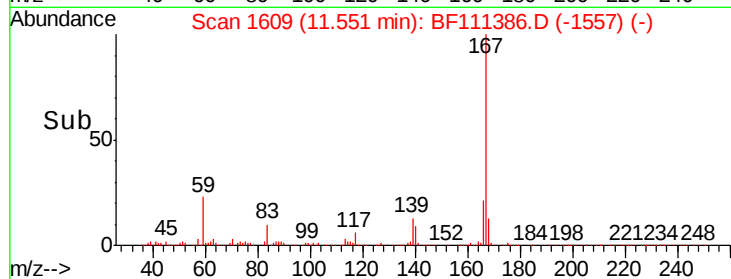
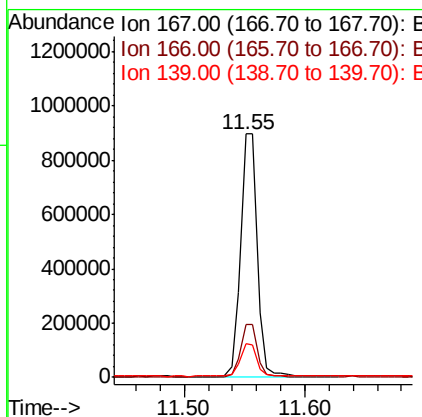
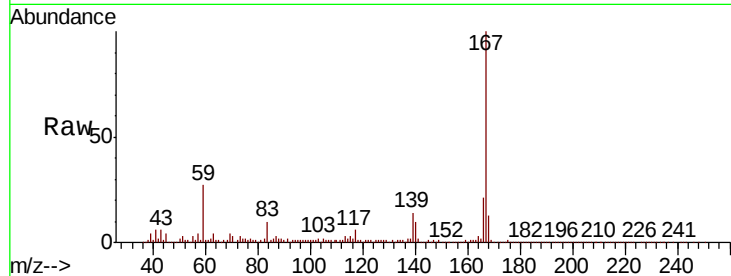




#73
 Carbazole
 Concen: 25.597 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

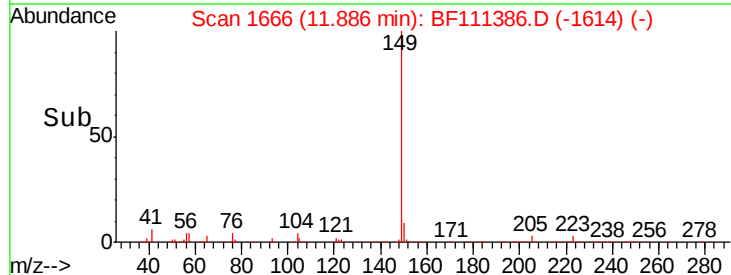
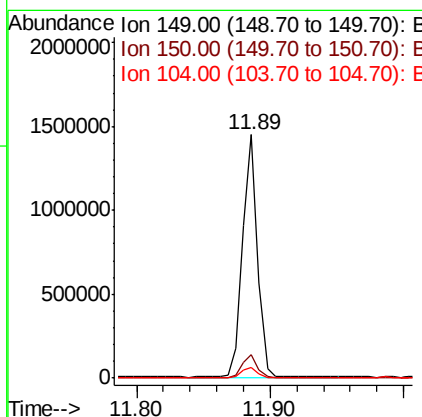
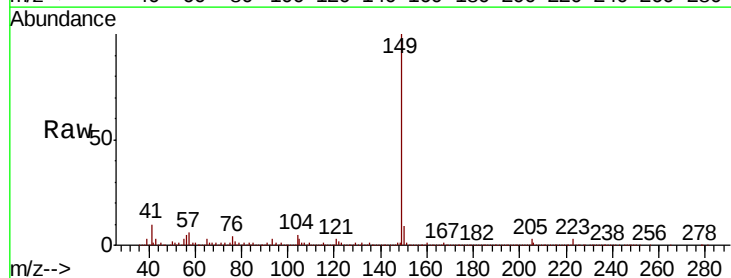
Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MSD

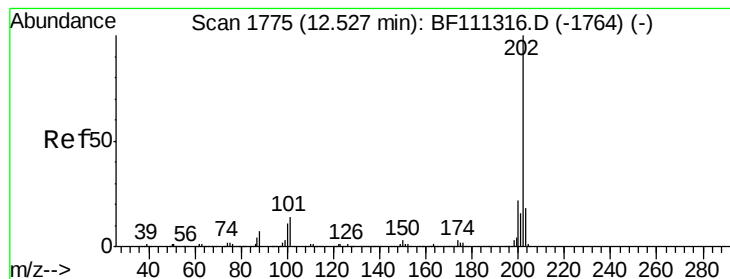
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	19.3	28.9
139	13.9	11.9	17.9



#74
 Di-n-butylphthalate
 Concen: 28.983 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.8	13.2
104	4.6	4.5	6.7





#75

Fluoranthene

Concen: 27.877 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

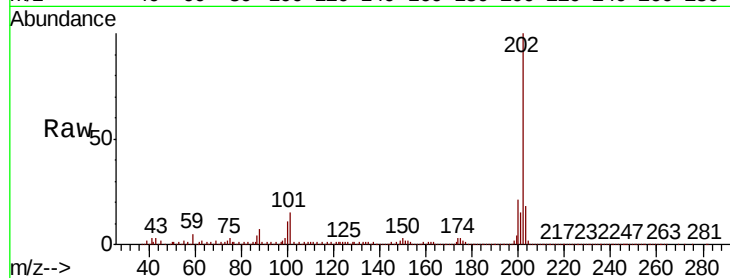
Tgt Ion:202 Resp: 877794

Ion Ratio Lower Upper

202 100

101 14.8 0.0 33.8

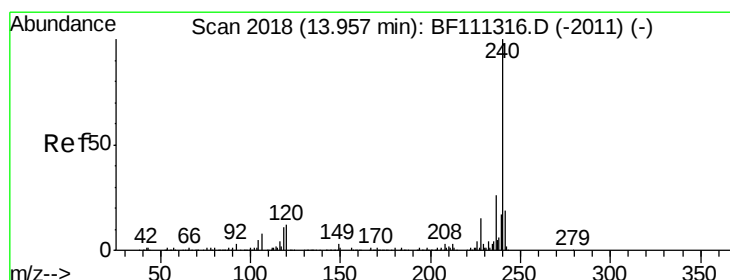
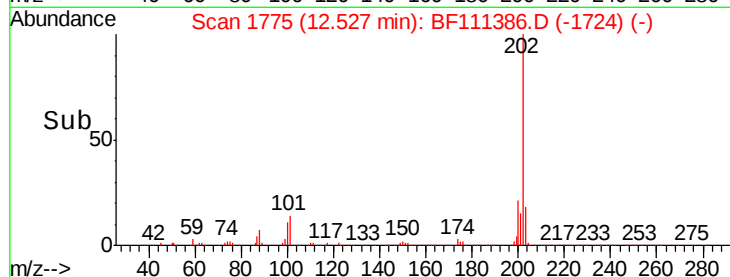
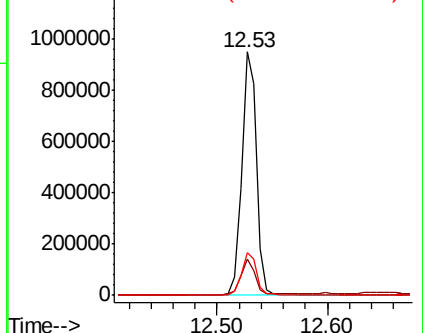
203 17.8 0.0 38.6



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# 2018

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

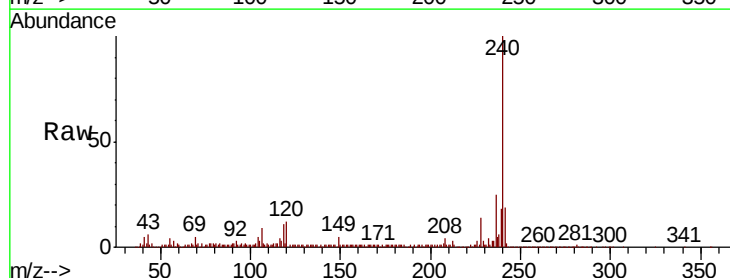
Tgt Ion:240 Resp: 411410

Ion Ratio Lower Upper

240 100

120 12.2 12.2 18.2#

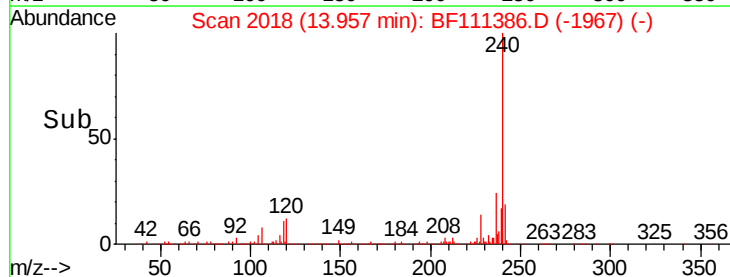
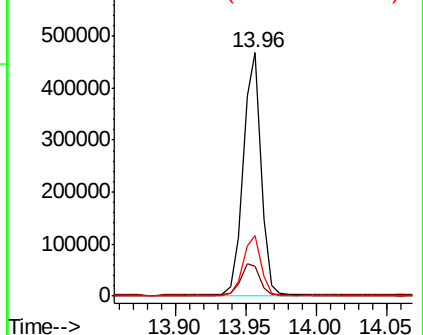
236 24.7 20.2 30.2

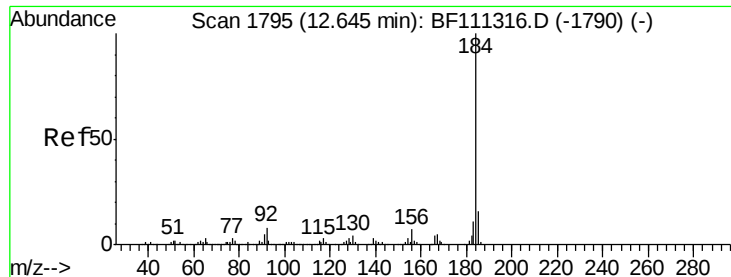


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.060 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

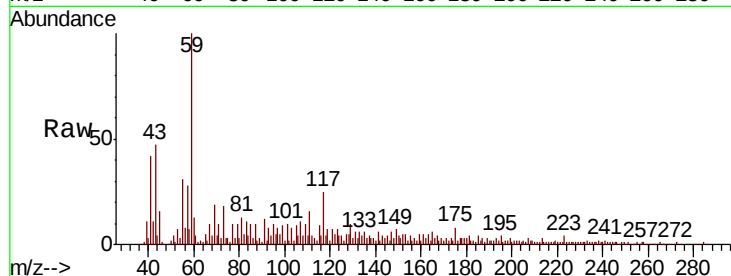
Tgt Ion:184 Resp: 464

Ion Ratio Lower Upper

184 100

185 261.1 13.0 19.6#

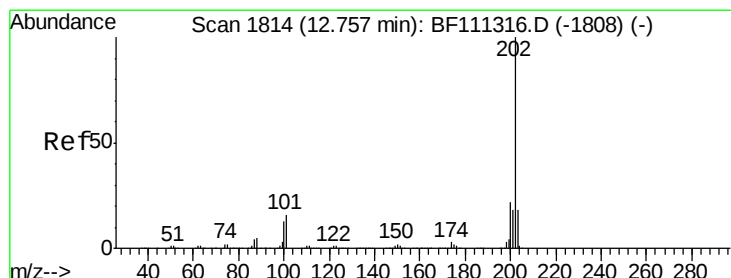
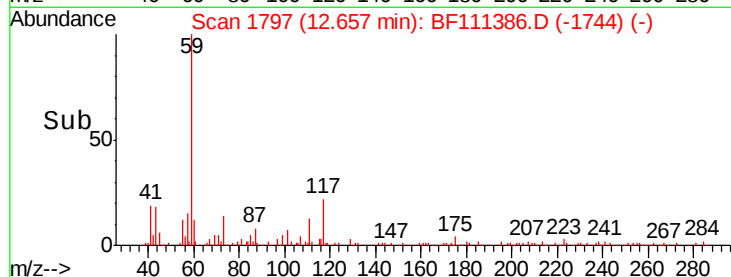
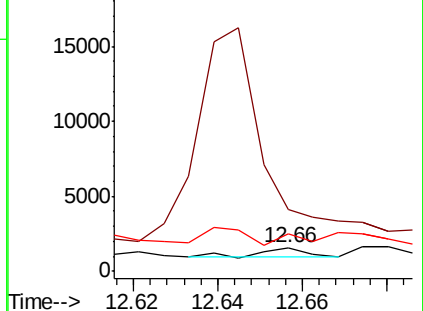
183 156.0 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 27.576 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

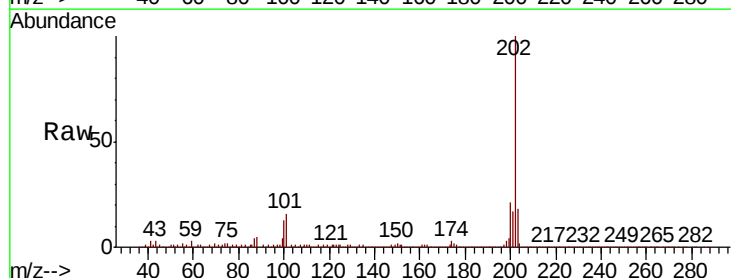
Tgt Ion:202 Resp: 875574

Ion Ratio Lower Upper

202 100

200 21.1 19.0 28.4

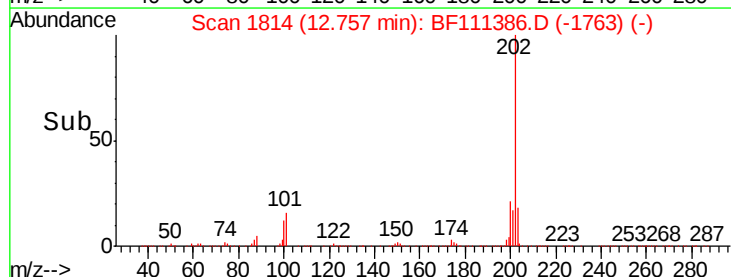
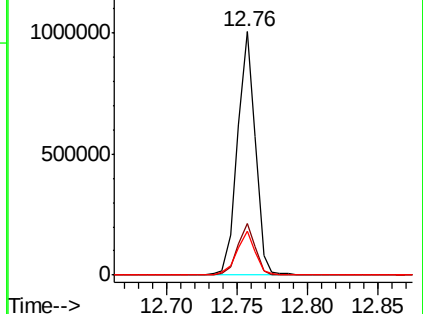
203 18.2 15.2 22.8

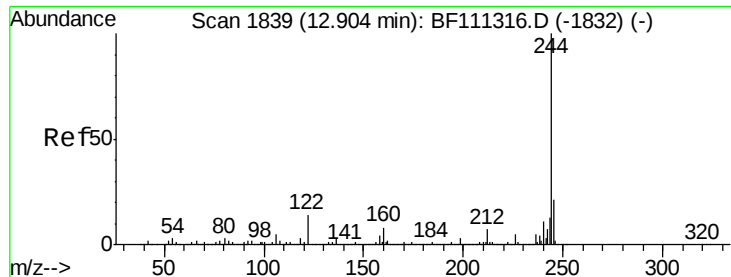


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 50.526 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

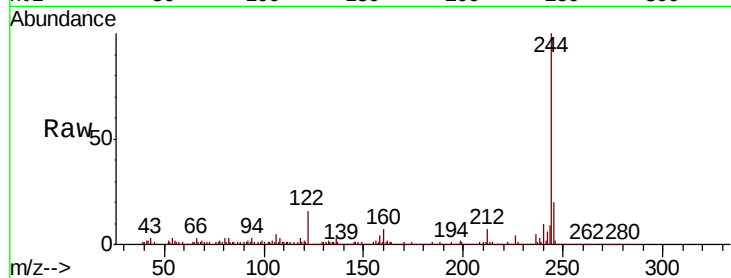
Tgt Ion:244 Resp: 944453

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

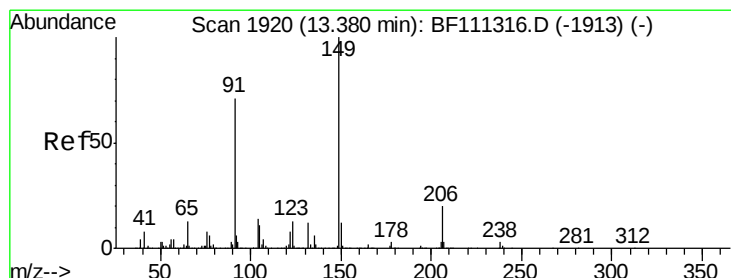
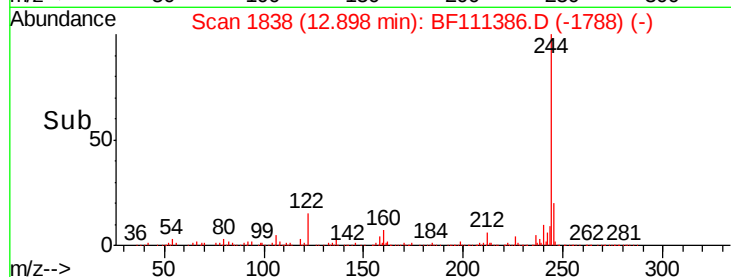
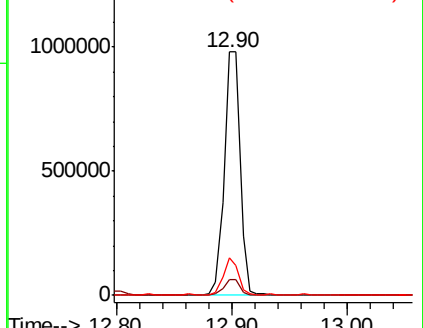
122 15.6 13.1 19.7



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: 27.942 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

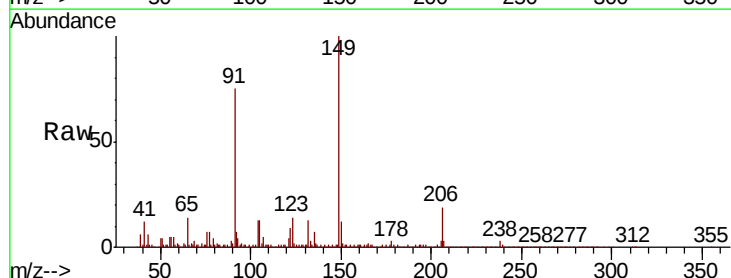
Tgt Ion:149 Resp: 425971

Ion Ratio Lower Upper

149 100

91 74.5 63.8 95.6

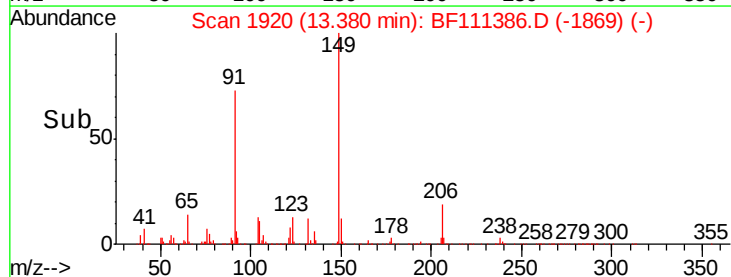
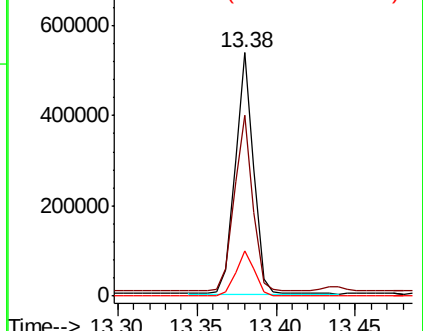
206 18.7 15.1 22.7

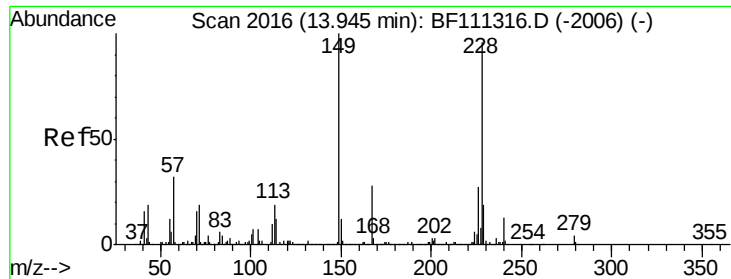


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

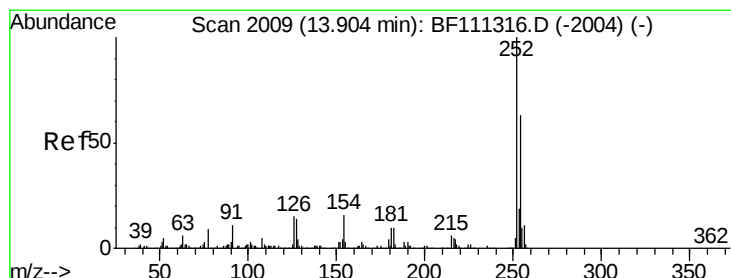
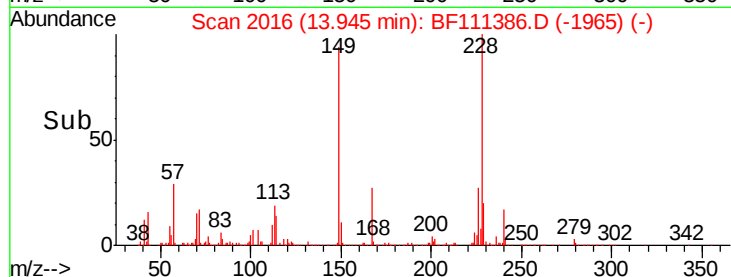
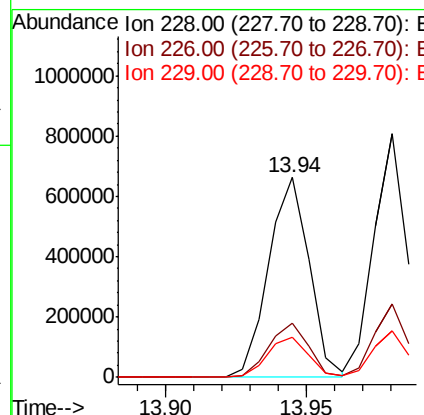
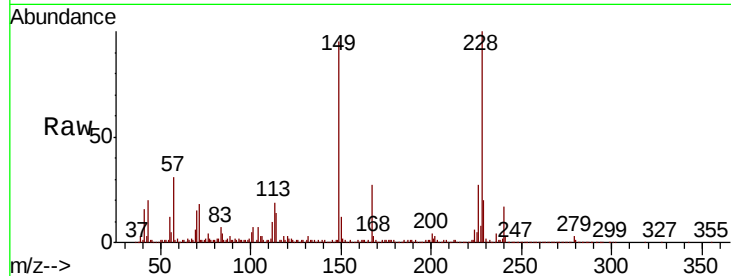




#81
 Benzo(a)anthracene
 Concen: 28.558 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

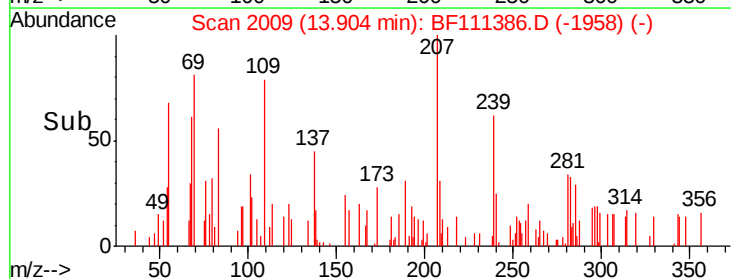
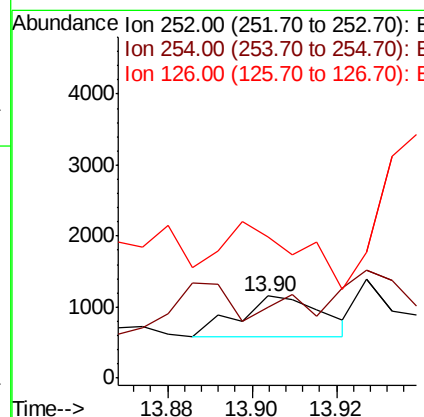
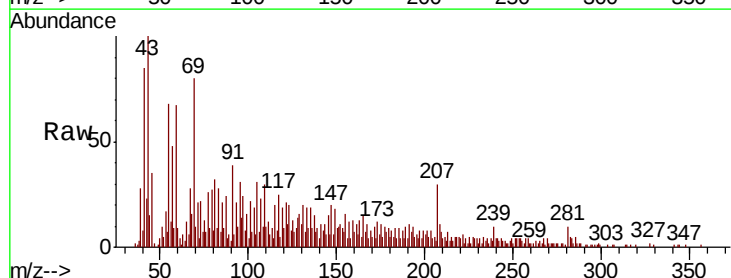
Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MSD

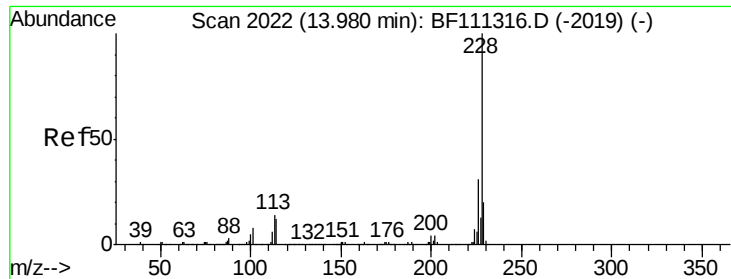
Tgt Ion:	228	Resp:	657378
Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	34.0
229	20.3	16.3	24.5



#82
 3,3'-Dichlorobenzidine
 Concen: 0.091 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Tgt Ion:	252	Resp:	791
Ion	Ratio	Lower	Upper
252	100		
254	86.4	52.7	79.1#
126	171.1	11.1	16.7#





#83

Chrysene

Concen: 28.221 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

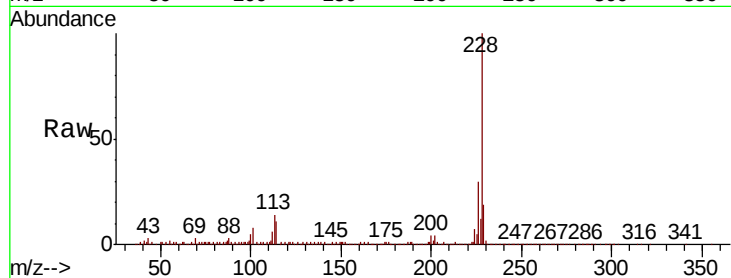
Tgt Ion:228 Resp: 662783

Ion Ratio Lower Upper

228 100

226 30.2 25.3 37.9

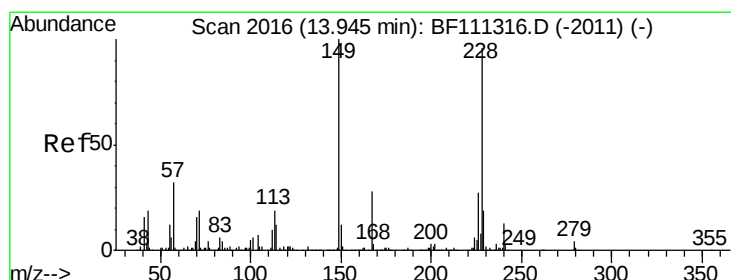
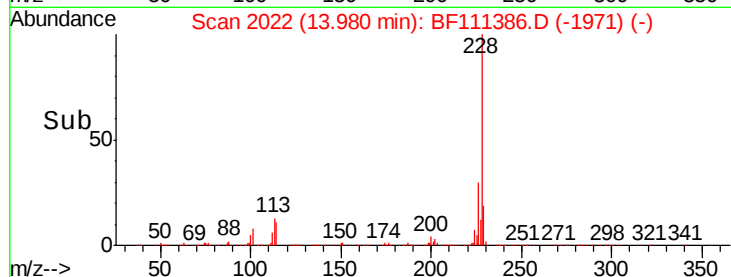
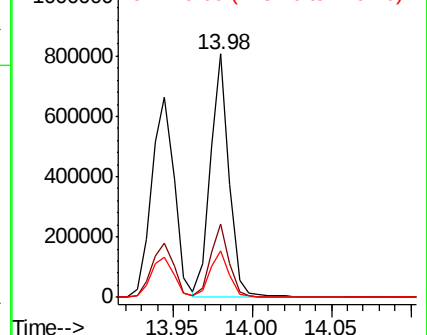
229 19.3 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 30.486 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

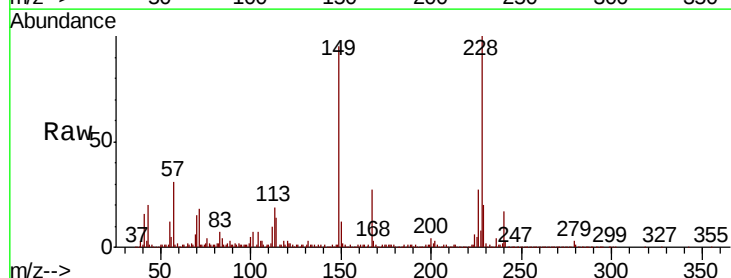
Tgt Ion:149 Resp: 568173

Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

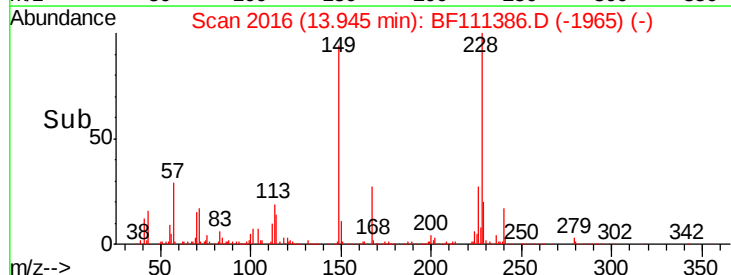
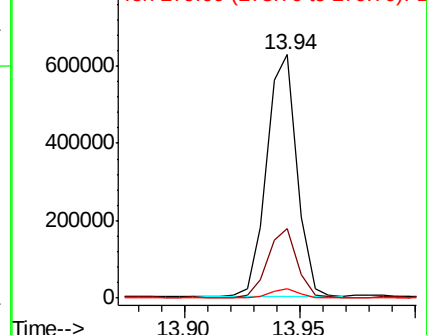
279 3.6 2.6 4.0

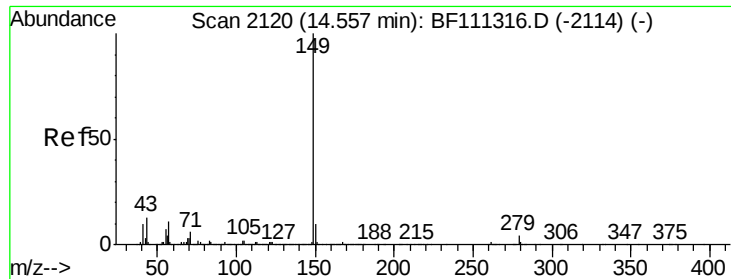


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 31.253 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

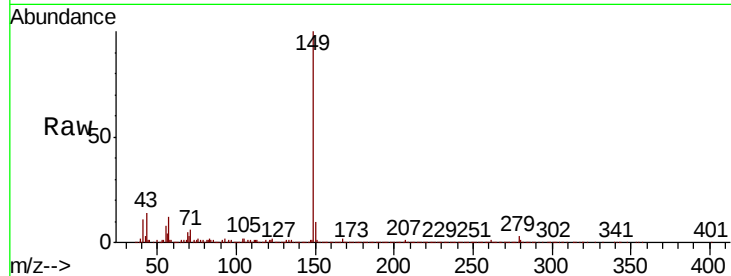
Tgt Ion:149 Resp: 956399

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

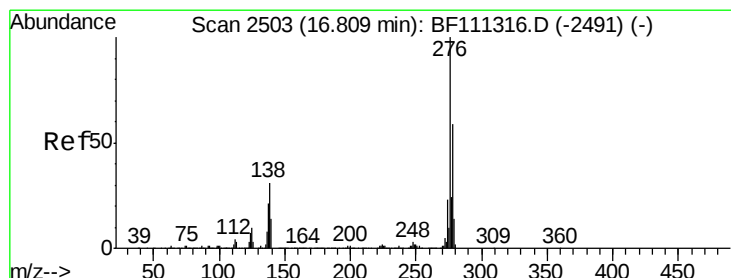
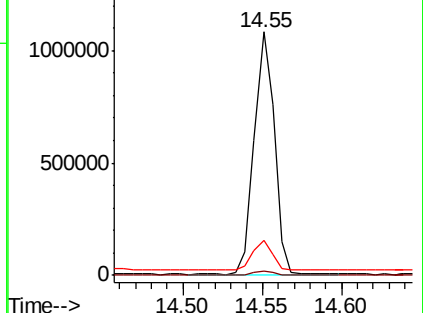
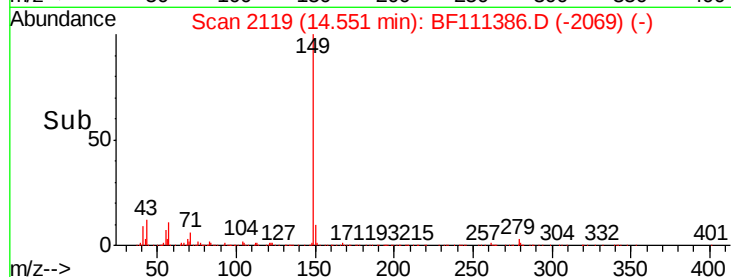
43 11.7 10.9 16.3



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: 27.863 ng

RT: 16.80 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

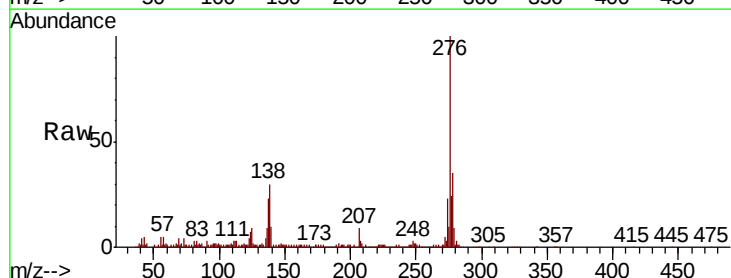
Tgt Ion:276 Resp: 511788

Ion Ratio Lower Upper

276 100

138 32.5 27.8 41.6

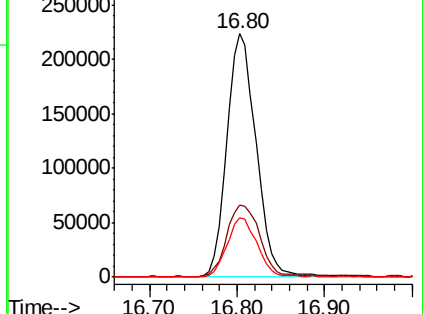
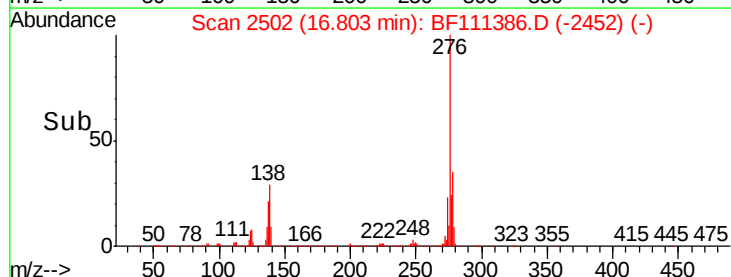
277 25.1 20.1 30.1

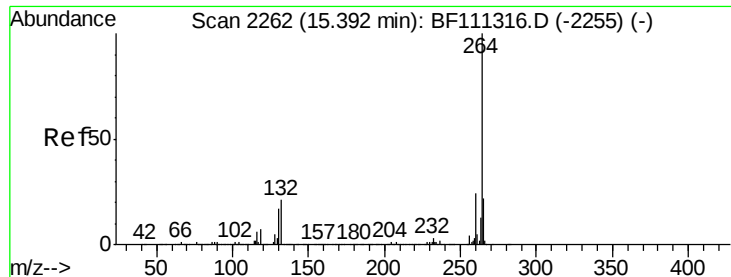


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



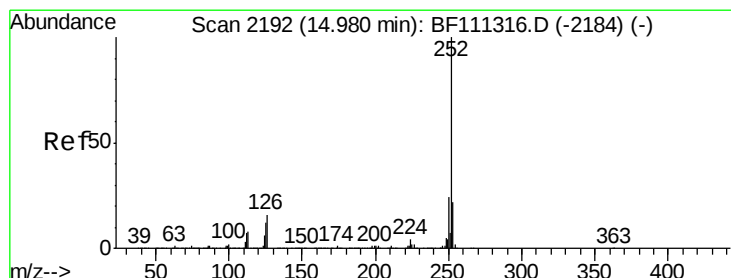
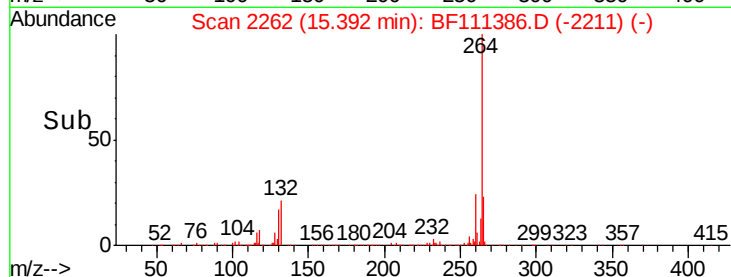
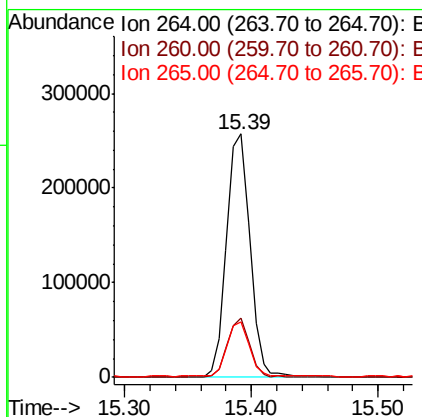
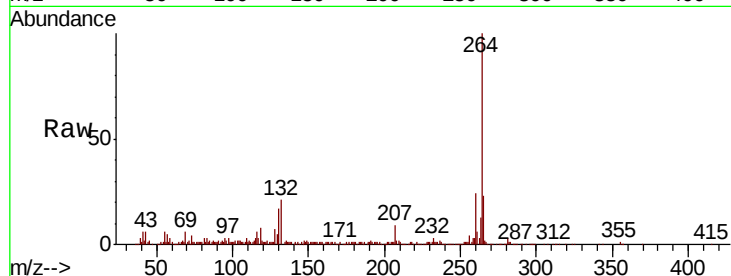


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tgt Ion: 264 Resp: 329281

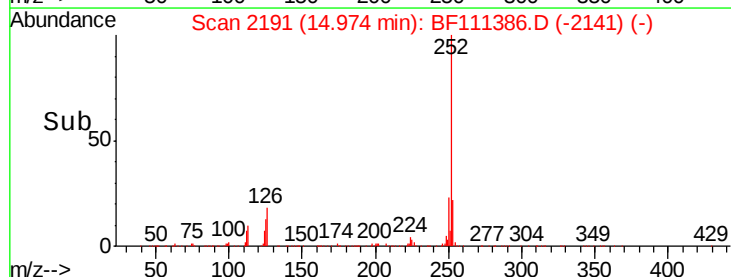
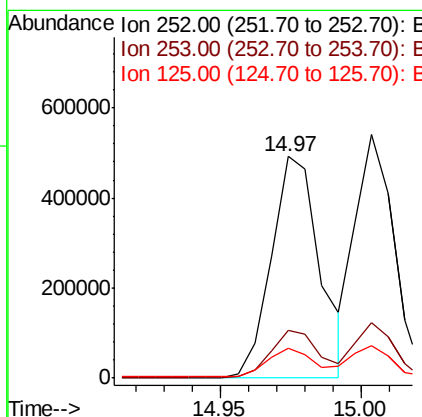
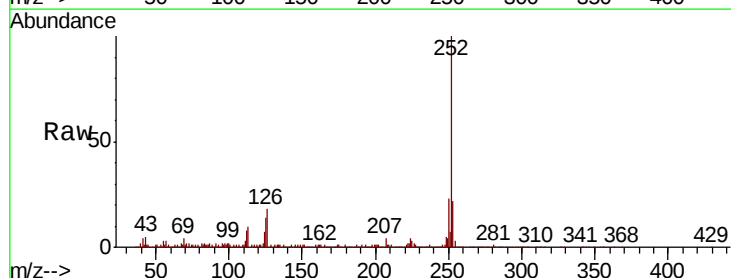
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.3	27.5
265	23.0	17.7	26.5

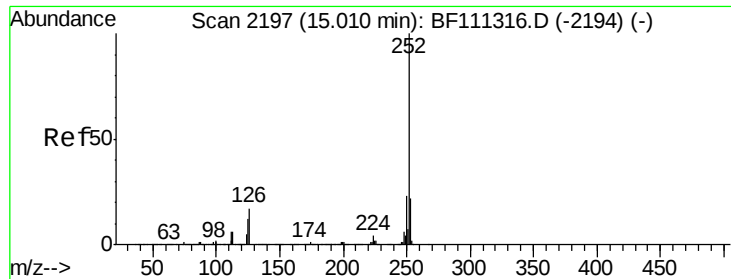


#88
Benzo(b)fluoranthene
Concen: 31.308 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion: 252 Resp: 586219

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	13.5	10.4	15.6





#89

Benzo(k)fluoranthene

Concen: 27.845 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

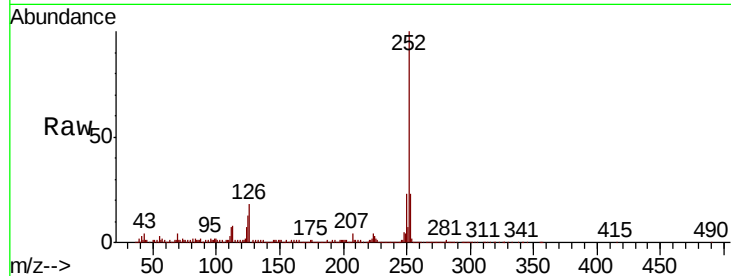
Tgt Ion:252 Resp: 520411

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

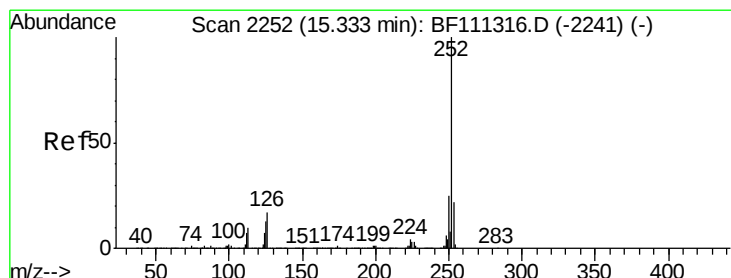
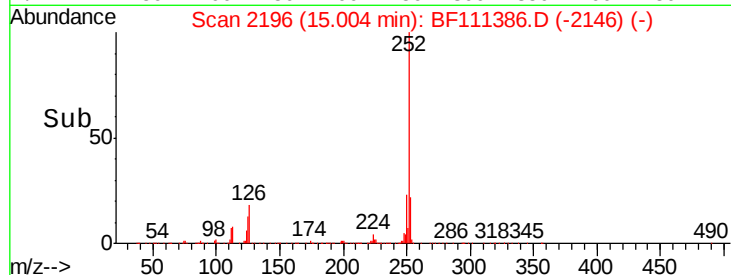
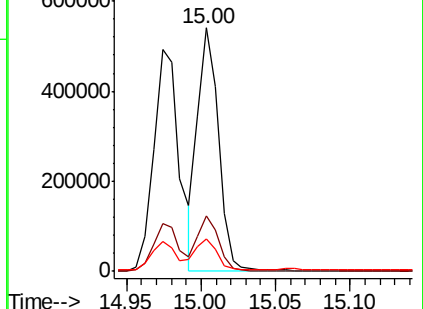
125 13.2 9.8 14.8



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



#90

Benzo(a)pyrene

Concen: 29.709 ng

RT: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

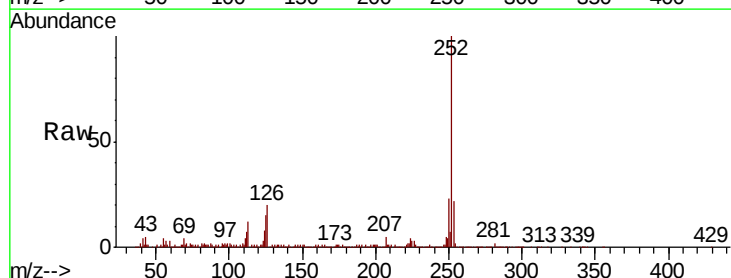
Tgt Ion:252 Resp: 517950

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

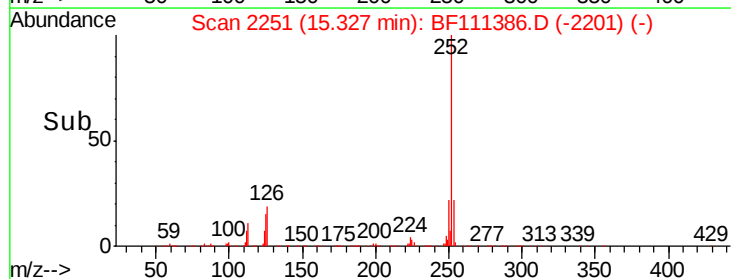
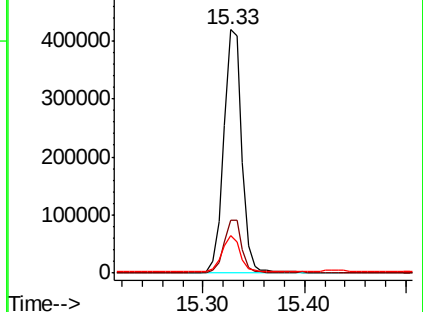
125 15.2 12.3 18.5

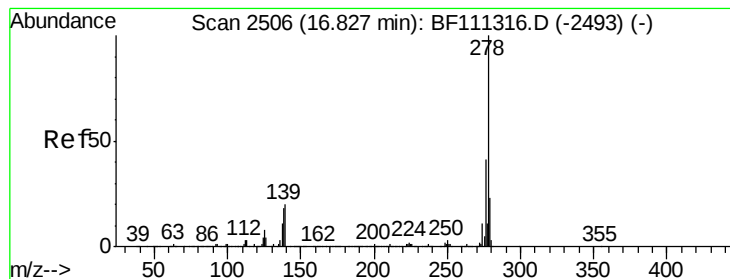


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 29.906 ng

RT: 16.82 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

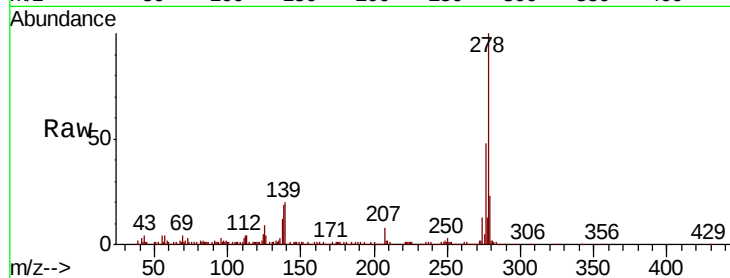
Tgt Ion: 278 Resp: 433779

Ion Ratio Lower Upper

278 100

139 20.1 18.2 27.4

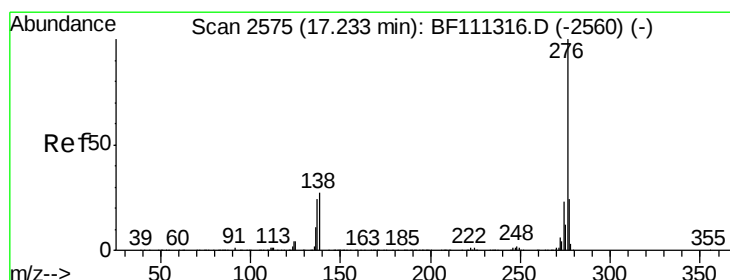
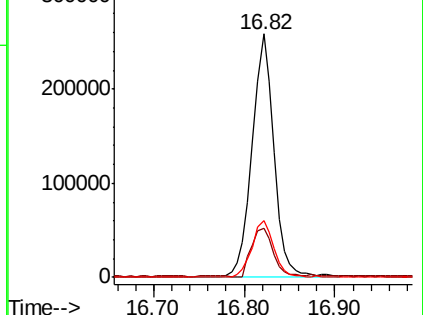
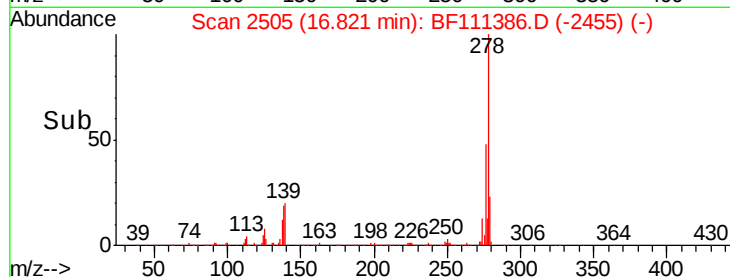
279 23.1 19.0 28.6



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: 28.562 ng

RT: 17.23 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

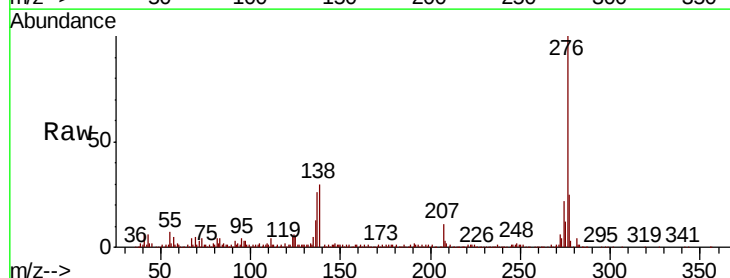
Tgt Ion: 276 Resp: 414205

Ion Ratio Lower Upper

276 100

277 25.5 19.2 28.8

138 30.5 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

