

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111946.D
 Acq On : 9 Jan 2019 13:00
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 01:50:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	126518	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	463134	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	231631	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	391227	20.00	ng	0.00
76) Chrysene-d12	14.06	240	327881	20.00	ng	0.00
87) Perylene-d12	15.54	264	235499	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	642134	86.83	ng	0.00
7) Phenol-d6	6.53	99	775953	81.41	ng	0.00
23) Nitrobenzene-d5	7.45	82	689280	79.54	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	237100	78.70	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1269654	79.93	ng	0.00
79) Terphenyl-d14	13.00	244	1443735	83.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	147145	45.506	ng	98
3) Pyridine	3.43	79	391135	46.668	ng	99
4) n-Nitrosodimethylamine	3.39	42	186331	44.684	ng	99
6) Aniline	6.55	93	472425	40.992	ng	# 70
8) 2-Chlorophenol	6.68	128	343335	41.811	ng	93
9) Benzaldehyde	6.43	77	230542	46.625	ng	99
10) Phenol	6.55	94	428273	41.341	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	317649	39.635	ng	98
12) 1,3-Dichlorobenzene	6.83	146	388569	40.818	ng	98
13) 1,4-Dichlorobenzene	6.90	146	389738	40.345	ng	99
14) 1,2-Dichlorobenzene	7.06	146	357455	38.710	ng	97
15) Benzyl Alcohol	7.03	79	294513	39.052	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	506037	37.034	ng	95
17) 2-Methylphenol	7.15	107	254140	38.507	ng	98
18) Hexachloroethane	7.40	117	127986	37.946	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	238237	38.469	ng	99
20) 3+4-Methylphenols	7.30	107	326537	39.755	ng	93
22) Acetophenone	7.29	105	474003	40.426	ng	99
24) Nitrobenzene	7.47	77	347785	39.674	ng	98
25) Isophorone	7.70	82	516274	36.792	ng	99
26) 2-Nitrophenol	7.79	139	162505	37.650	ng	96
27) 2,4-Dimethylphenol	7.83	122	231844	37.150	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	355432	37.948	ng	100
29) 2,4-Dichlorophenol	8.03	162	278914	38.867	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	320654	40.504	ng	98
31) Naphthalene	8.19	128	868851	39.520	ng	100
32) Benzoic acid	7.95	122	113168	27.944	ng	98
33) 4-Chloroaniline	8.24	127	372152	39.158	ng	98
34) Hexachlorobutadiene	8.31	225	189699	38.491	ng	98
35) Caprolactam	8.62	113	94460	40.288	ng	92
36) 4-Chloro-3-methylphenol	8.73	107	282464	39.588	ng	97
37) 2-Methylnaphthalene	8.88	142	579002	42.502	ng	100
38) 1-Methylnaphthalene	8.98	142	542012	41.482	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	292694	39.636	ng	99

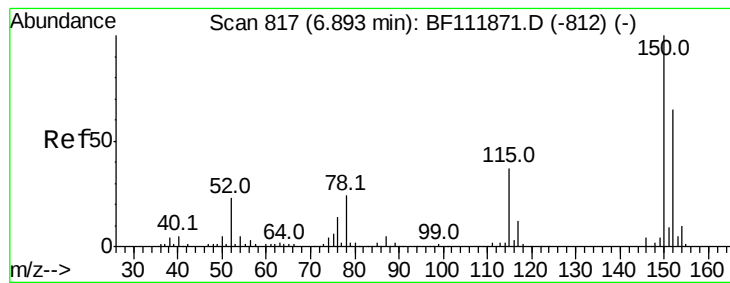
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111946.D
 Acq On : 9 Jan 2019 13:00
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 01:50:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	126028	29.517	ng	97
43) 2,4,6-Trichlorophenol	9.16	196	201170	40.164	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	210040	40.025	ng	98
46) 1,1'-Biphenyl	9.35	154	801512	41.367	ng	99
47) 2-Chloronaphthalene	9.37	162	612855	40.302	ng	99
48) 2-Nitroaniline	9.46	65	190831	41.046	ng	98
49) Acenaphthylene	9.79	152	867435	38.584	ng	99
50) Dimethylphthalate	9.65	163	675860	38.842	ng	99
51) 2,6-Dinitrotoluene	9.71	165	156488	40.217	ng	89
52) Acenaphthene	9.96	154	554681	38.271	ng	99
53) 3-Nitroaniline	9.87	138	154775	37.143	ng	100
54) 2,4-Dinitrophenol	9.98	184	45784	27.788	ng	# 87
55) Dibenzofuran	10.13	168	801306	38.016	ng	98
56) 4-Nitrophenol	10.05	139	105390	35.795	ng	95
57) 2,4-Dinitrotoluene	10.11	165	196629	39.108	ng	91
58) Fluorene	10.47	166	655548	42.742	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	167585	37.903	ng	99
60) Diethylphthalate	10.35	149	688317	40.876	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	364845	42.421	ng	100
62) 4-Nitroaniline	10.49	138	171397	43.366	ng	99
63) Azobenzene	10.63	77	679708	42.254	ng	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	85890	35.580	ng	92
66) n-Nitrosodiphenylamine	10.58	169	604090	46.013	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	232060	45.796	ng	92
68) Hexachlorobenzene	11.03	284	250043	44.524	ng	94
69) Atrazine	11.11	200	212644	46.100	ng	98
70) Pentachlorophenol	11.22	266	125789	39.362	ng	97
71) Phenanthrene	11.44	178	851335	40.701	ng	99
72) Anthracene	11.49	178	848559	39.963	ng	99
73) Carbazole	11.65	167	791456	38.319	ng	99
74) Di-n-butylphthalate	11.97	149	938822	39.132	ng	100
75) Fluoranthene	12.63	202	949912	44.237	ng	99
77) Benzidine	12.74	184	448716	45.800	ng	99
78) Pyrene	12.86	202	951555	42.178	ng	99
80) Butylbenzylphthalate	13.47	149	412214	43.219	ng	92
81) Benzo(a)anthracene	14.04	228	761846	40.373	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	291659	41.866	ng	99
83) Chrysene	14.08	228	725948	40.348	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	546099	43.598	ng	99
85) Di-n-octyl phthalate	14.64	149	769854	42.948	ng	99
86) Indeno(1,2,3-cd)pyrene	17.04	276	502867	38.337	ng	99
88) Benzo(b)fluoranthene	15.10	252	541599	38.446	ng	99
89) Benzo(k)fluoranthene	15.13	252	540390	40.809	ng	100
90) Benzo(a)pyrene	15.47	252	507875	41.002	ng	100
91) Dibenzo(a,h)anthracene	17.05	278	426290	42.789	ng	98
92) Benzo(g,h,i)perylene	17.49	276	389243	39.946	ng	97

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

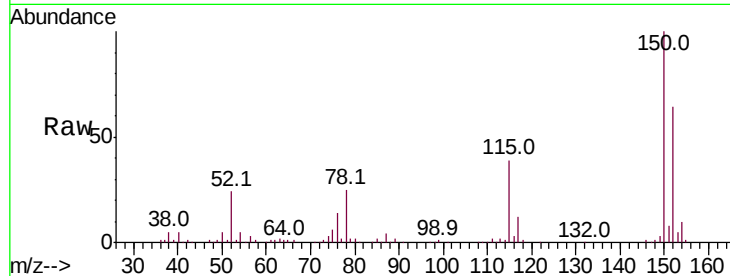


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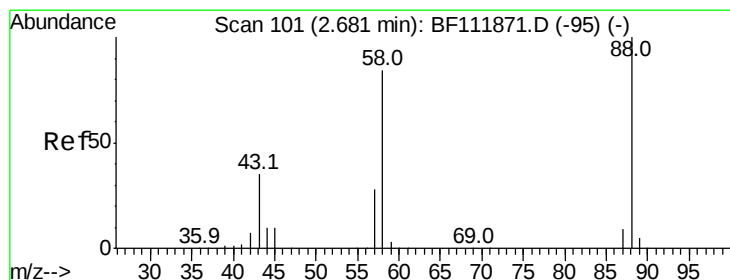
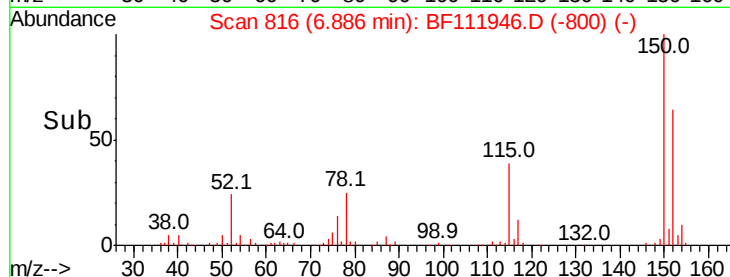
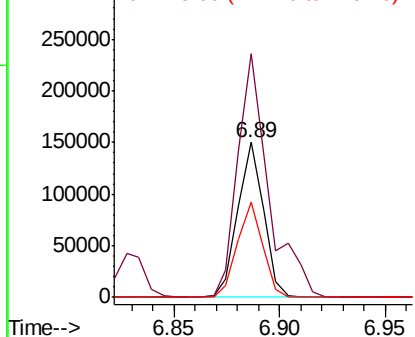
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126518
Ion Ratio Lower Upper
152 100
150 157.1 122.7 184.1
115 61.8 45.2 67.8



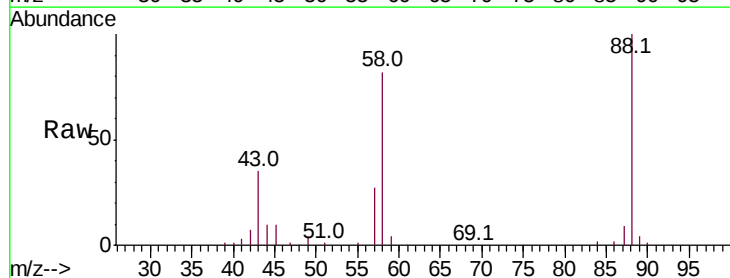
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



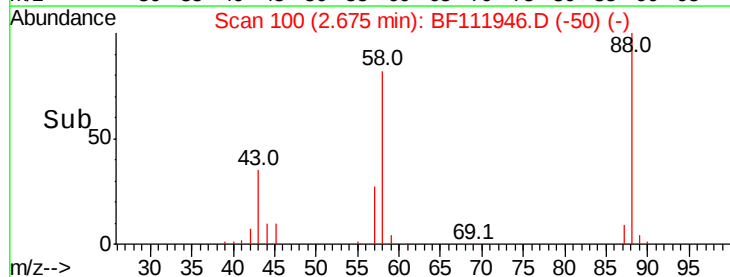
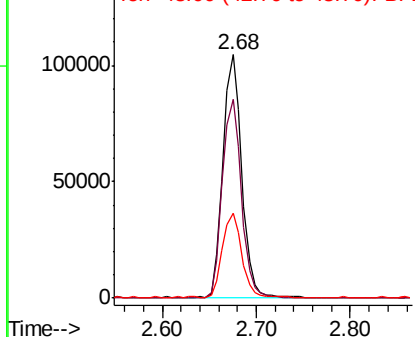
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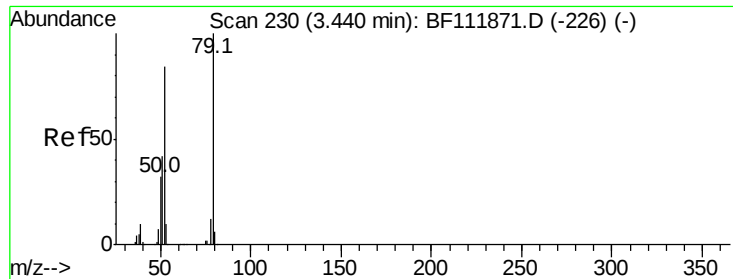
1,4-Dioxane
Concen: 45.506 ng
RT: 2.68 min Scan# 100
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion: 88 Resp: 147145
Ion Ratio Lower Upper
88 100
58 82.5 67.6 101.4
43 36.7 29.0 43.6



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

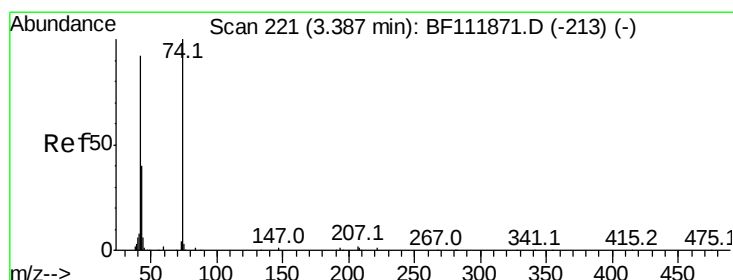
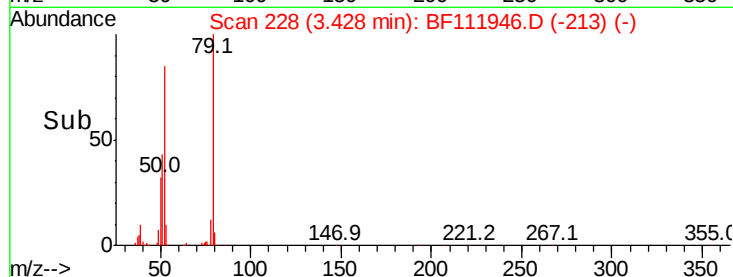
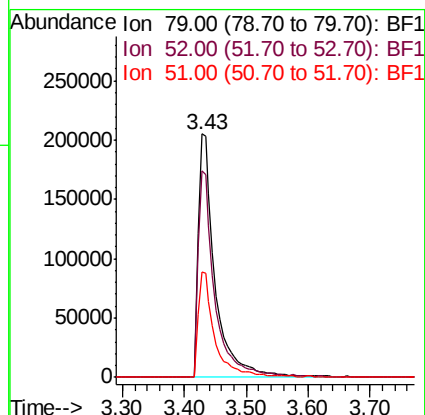
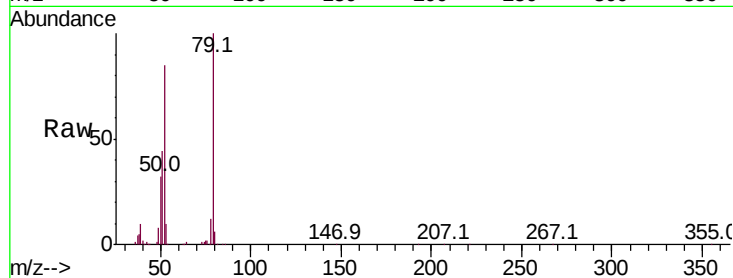




#3
 Pvridine
 Concen: 46.668 ng
 RT: 3.43 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

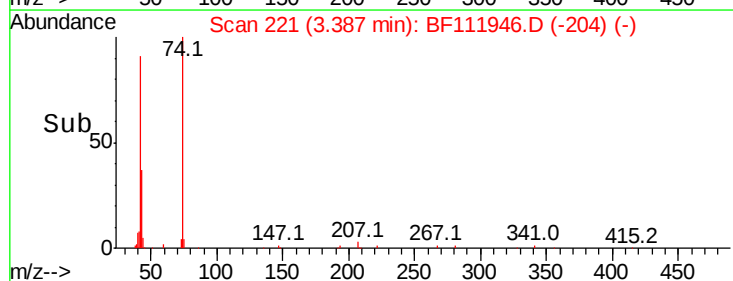
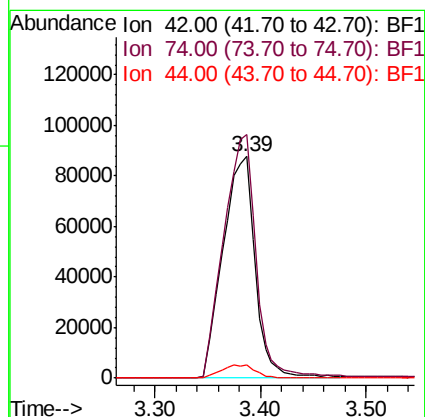
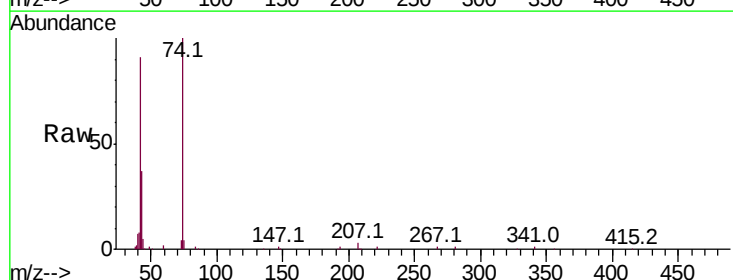
Instrument :
 BNA_F
 ClientSampled :

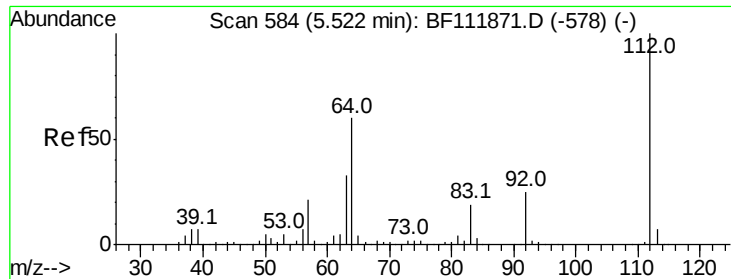
Tot Ion: 79 Resp: 391135
 Ion Ratio Lower Upper
 79 100
 52 84.7 67.0 100.6
 51 43.5 34.2 51.2



#4
 n-Nitrosodimethylamine
 Concen: 44.684 ng
 RT: 3.39 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Tgt Ion: 42 Resp: 186331
 Ion Ratio Lower Upper
 42 100
 74 109.8 87.0 130.6
 44 5.8 5.5 8.3





#5

2-Fluorophenol

Concen: 86.831 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampled :

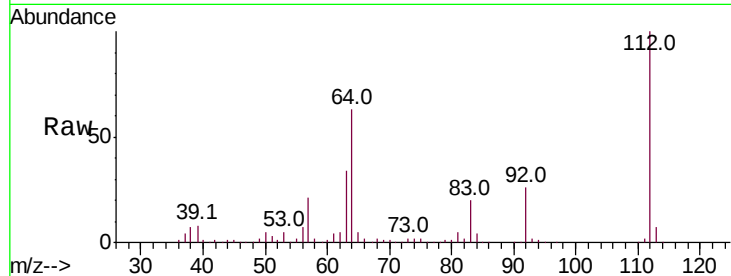
Tot Ion:112 Resp: 642134

Ion Ratio Lower Upper

112 100

64 63.1 48.3 72.5

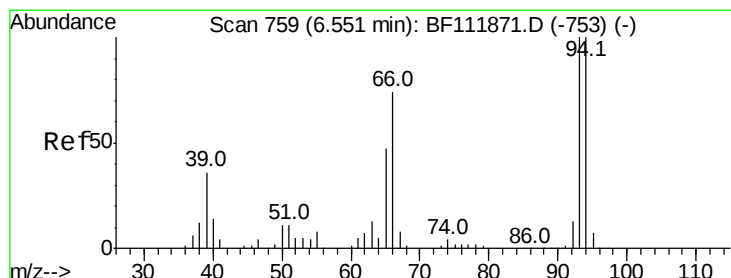
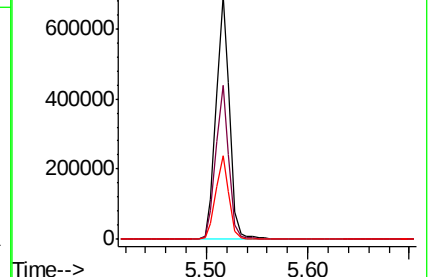
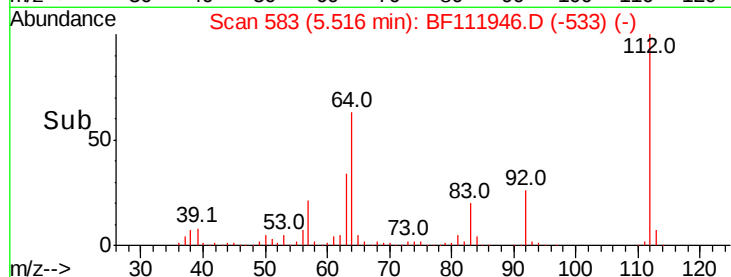
63 34.3 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.992 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

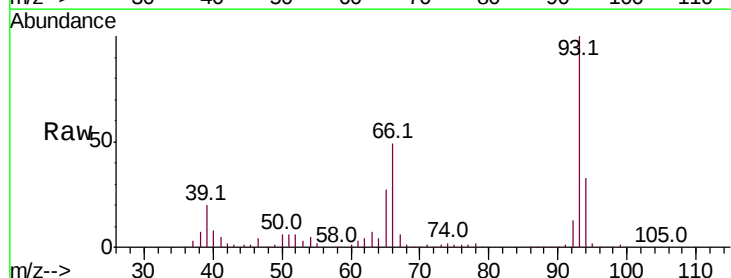
Tgt Ion: 93 Resp: 472425

Ion Ratio Lower Upper

93 100

66 49.3 60.0 90.0#

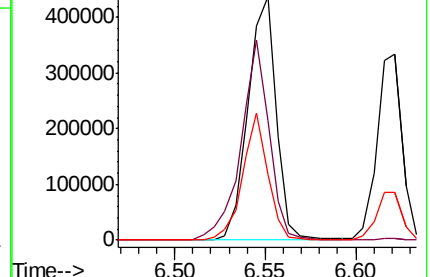
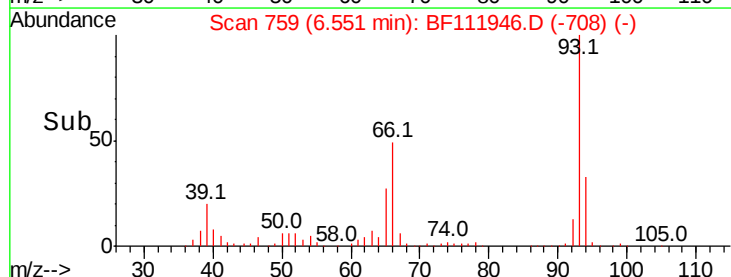
65 27.2 37.5 56.3#

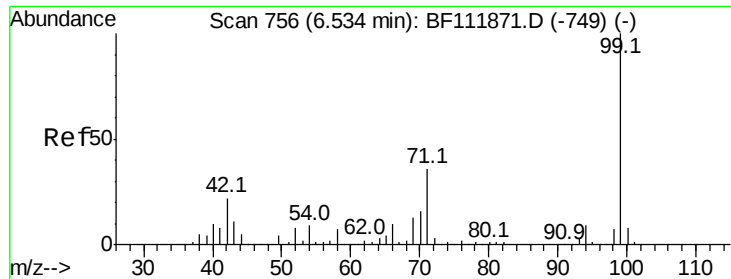


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.409 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampleId :

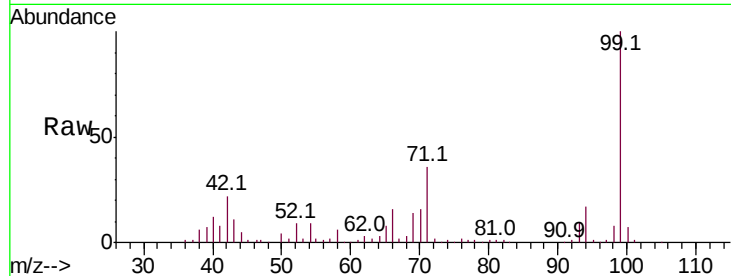
Tot Ion: 99 Resp: 775953

Ion Ratio Lower Upper

99 100

42 21.9 17.9 26.9

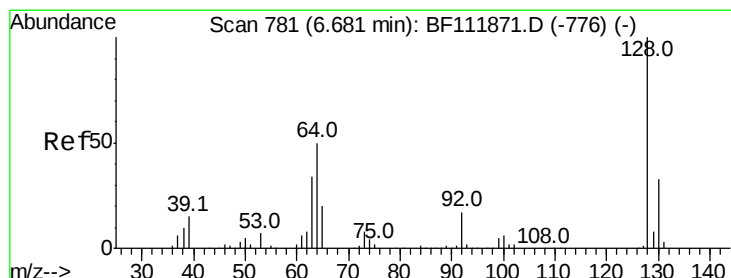
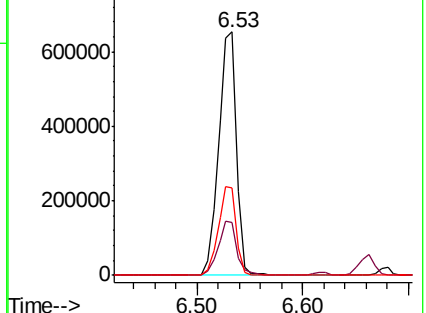
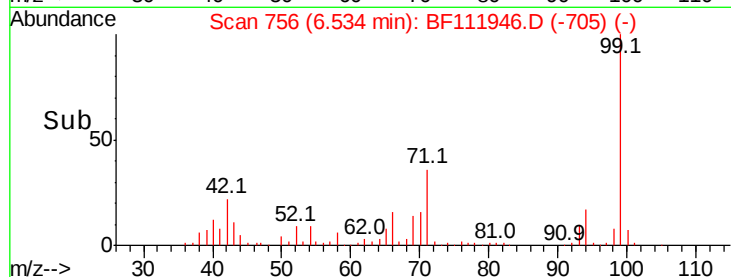
71 36.1 28.7 43.1



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: 41.811 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

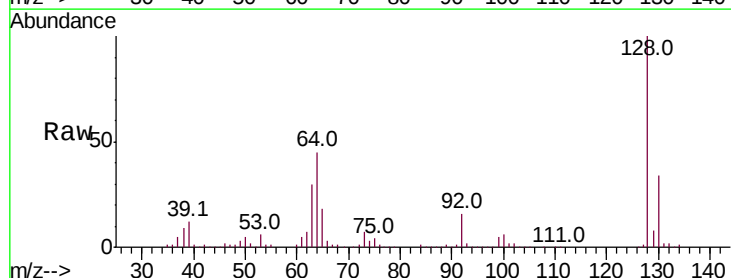
Tgt Ion: 128 Resp: 343335

Ion Ratio Lower Upper

128 100

130 33.9 12.7 52.7

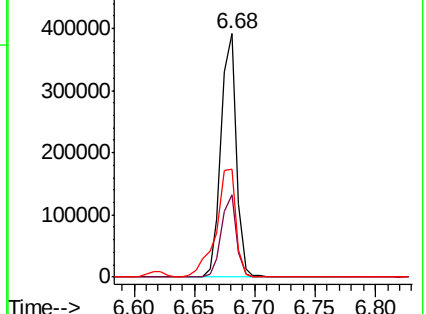
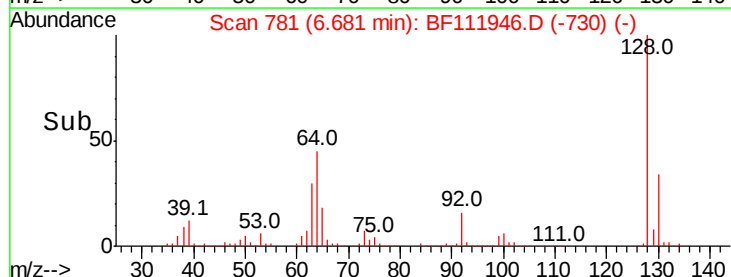
64 44.5 31.8 71.8

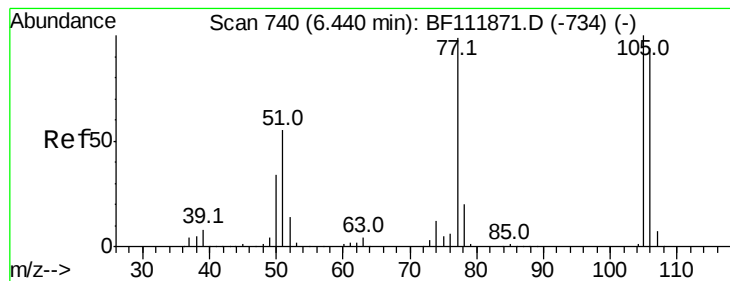


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 46.625 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampleId :

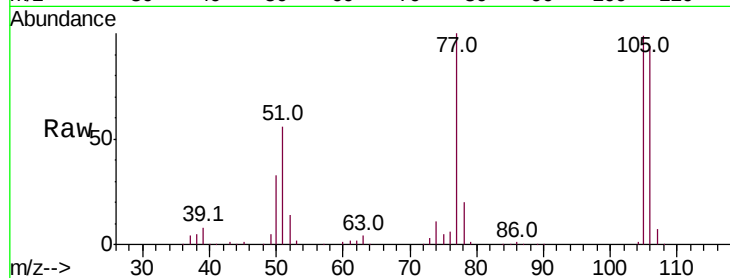
Tot Ion: 77 Resp: 230542

Ion Ratio Lower Upper

77 100

105 98.5 80.6 120.6

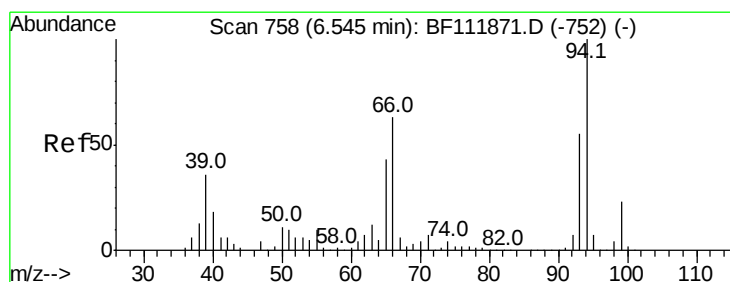
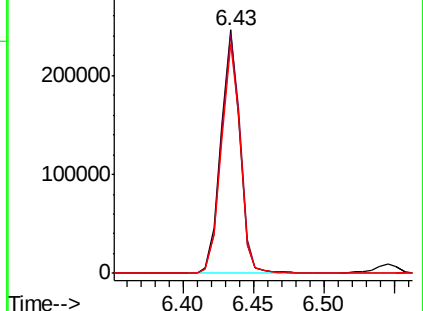
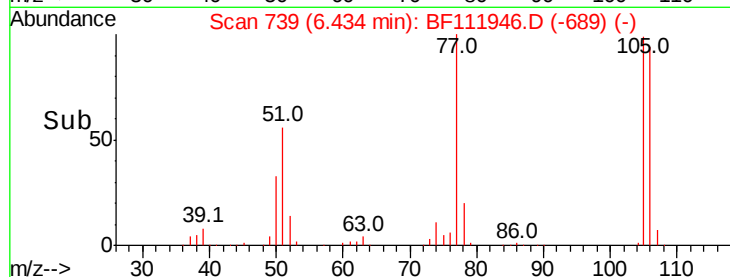
106 94.4 74.6 114.6



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: 41.341 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

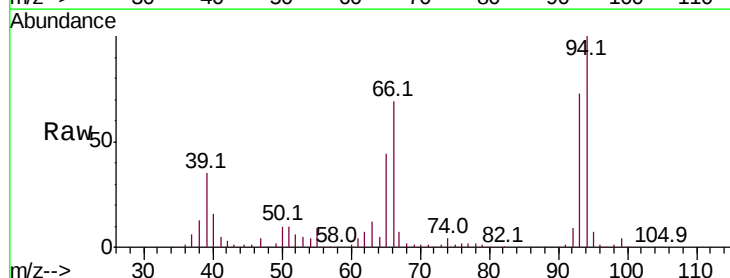
Tgt Ion: 94 Resp: 428273

Ion Ratio Lower Upper

94 100

65 43.5 22.8 62.8

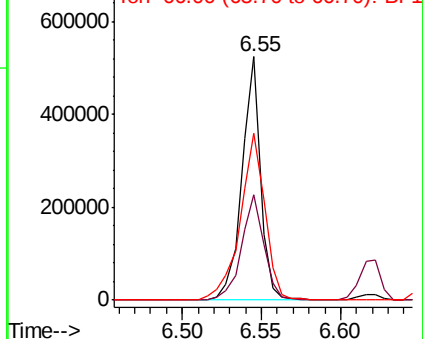
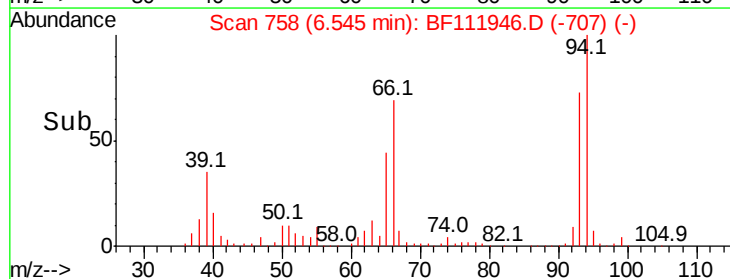
66 68.5 43.3 83.3

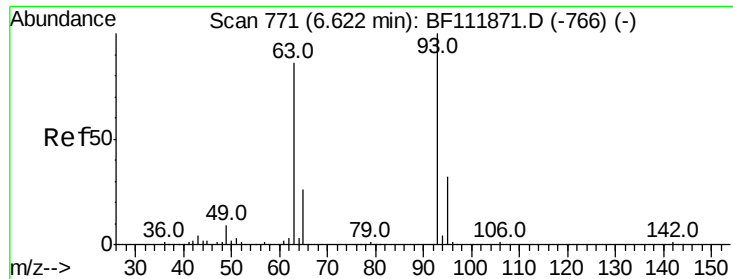


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.635 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampleId :

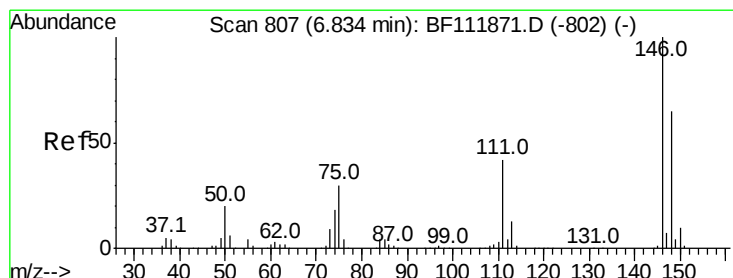
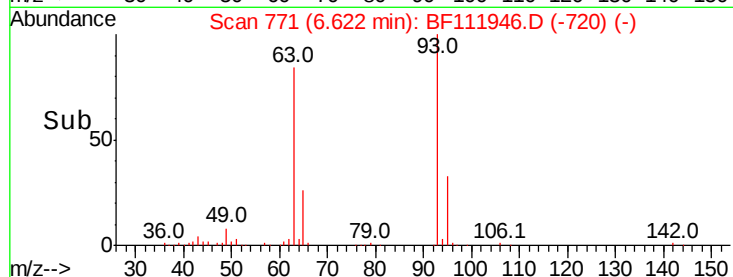
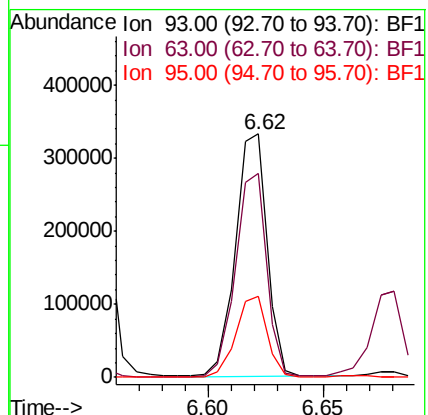
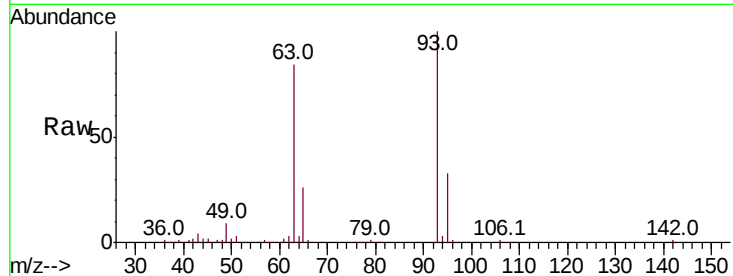
Tot Ion: 93 Resp: 317649

Ion Ratio Lower Upper

93 100

63 83.6 65.2 105.2

95 33.2 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 40.818 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

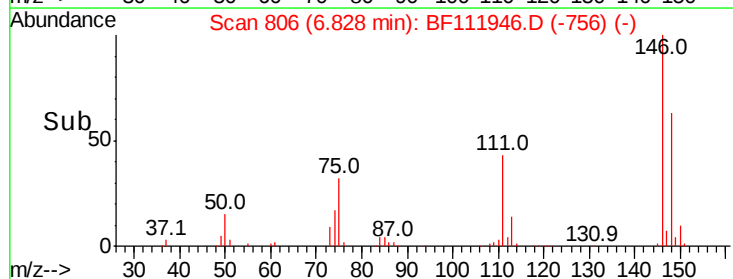
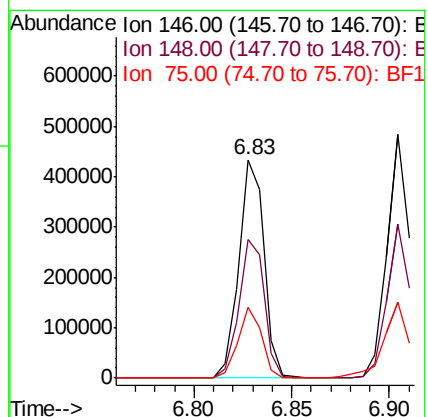
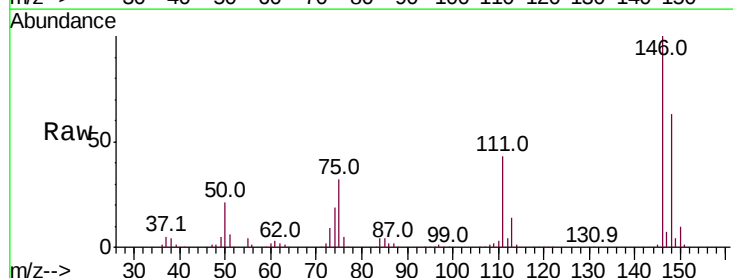
Tgt Ion: 146 Resp: 388569

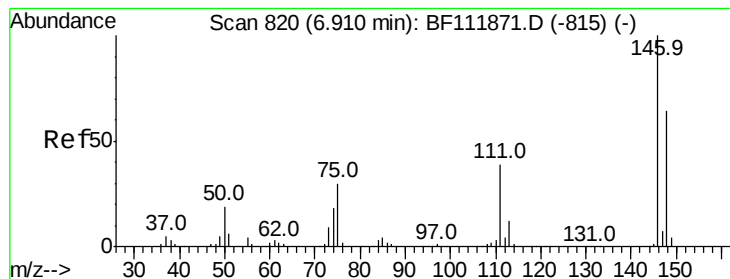
Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.6

75 32.3 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 40.345 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampleId :

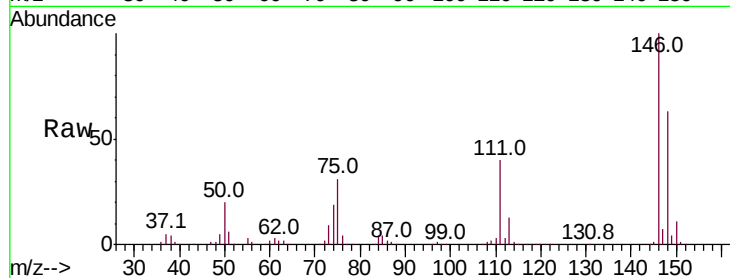
Tot Ion:146 Resp: 389738

Ion Ratio Lower Upper

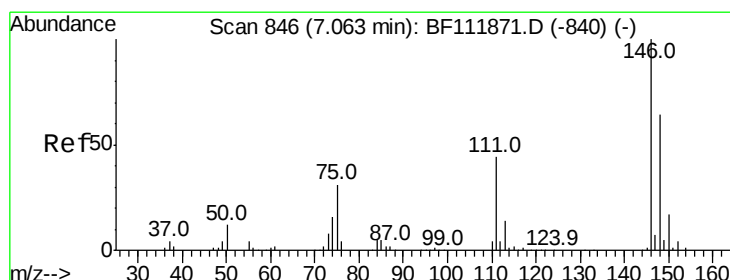
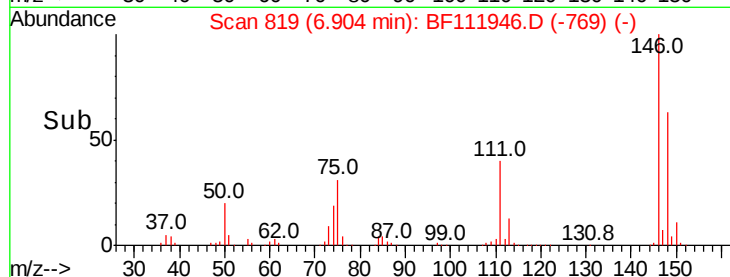
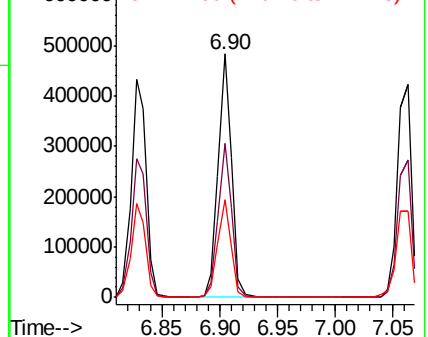
146 100

148 63.1 51.2 76.8

111 40.0 31.5 47.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.710 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

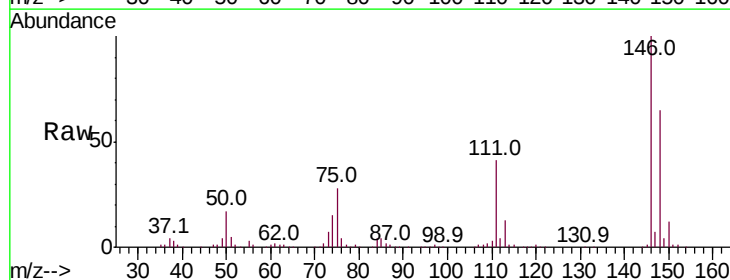
Tgt Ion:146 Resp: 357455

Ion Ratio Lower Upper

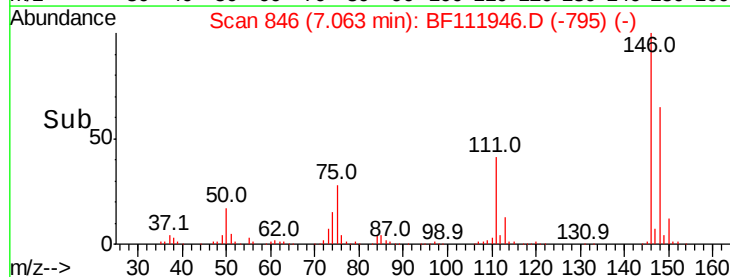
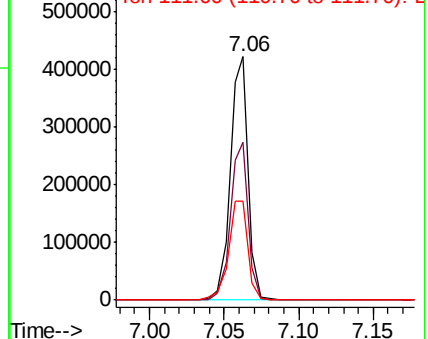
146 100

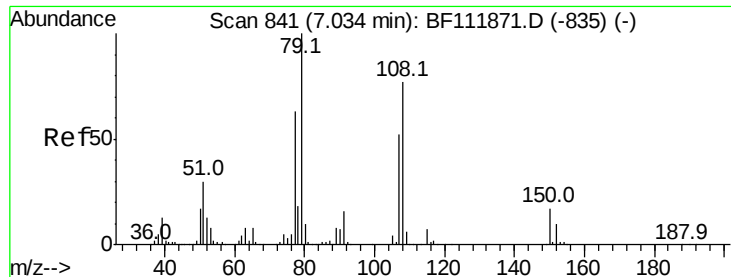
148 64.6 51.5 77.3

111 40.5 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.052 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampleId :

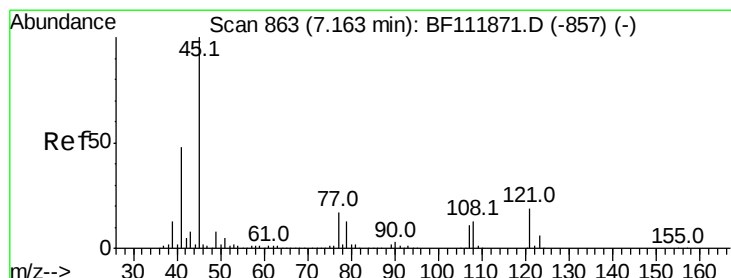
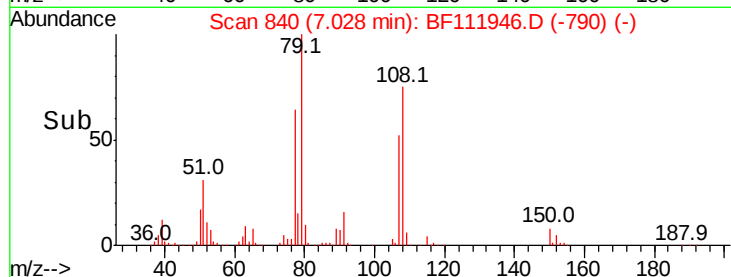
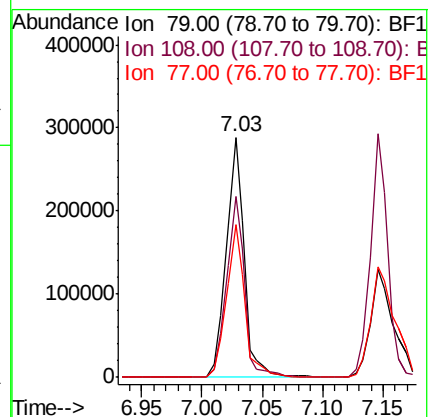
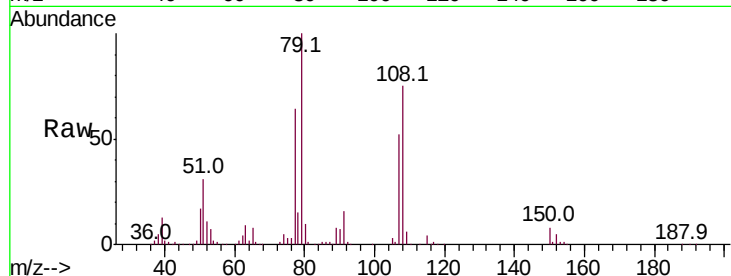
Tot Ion: 79 Resp: 294513

Ion Ratio Lower Upper

79 100

108 75.0 61.4 92.0

77 63.6 50.4 75.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.034 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

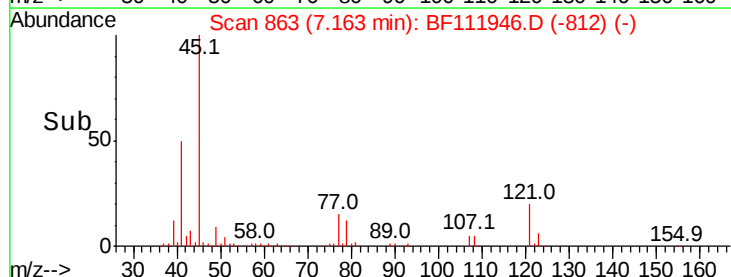
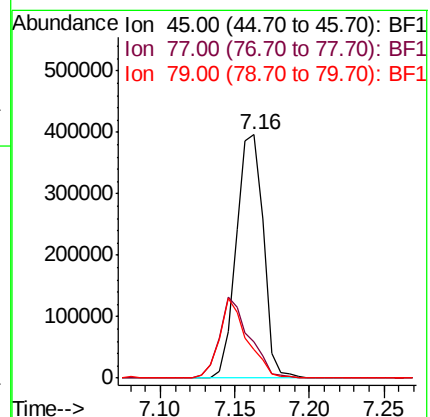
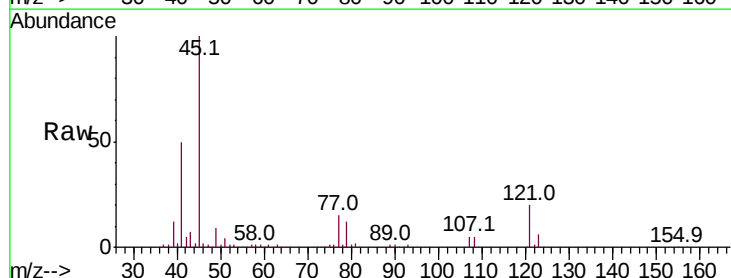
Tgt Ion: 45 Resp: 506037

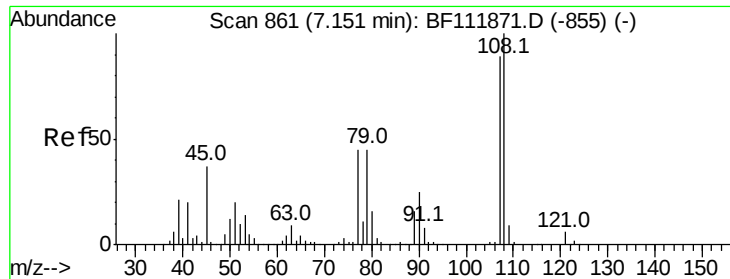
Ion Ratio Lower Upper

45 100

77 14.9 0.0 37.1

79 11.8 0.0 33.9

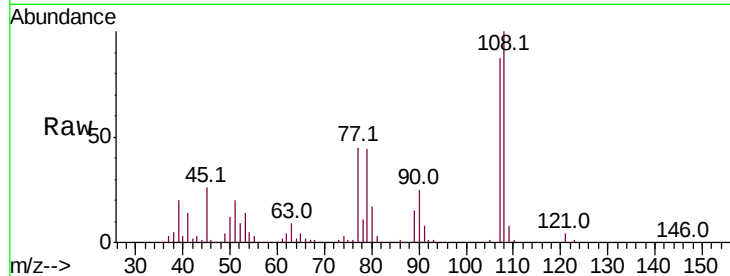




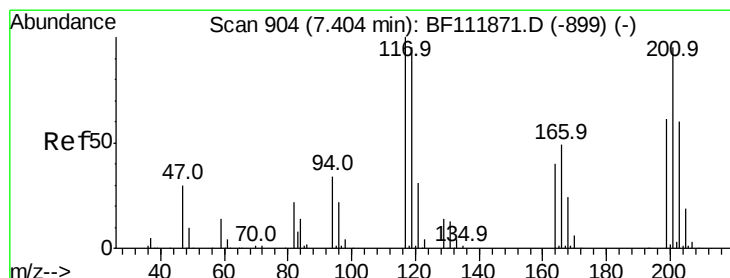
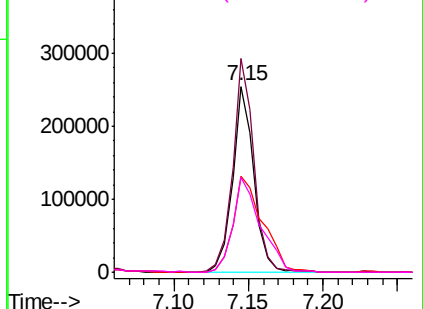
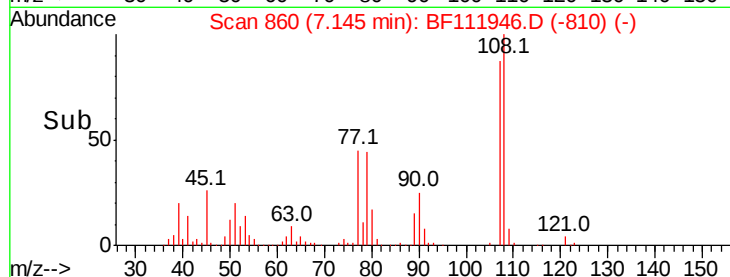
#17
2-Methylphenol
Concen: 38.507 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 254140
Ion Ratio Lower Upper
107 100
108 115.1 89.7 134.5
77 52.1 40.6 60.8
79 51.1 40.2 60.2

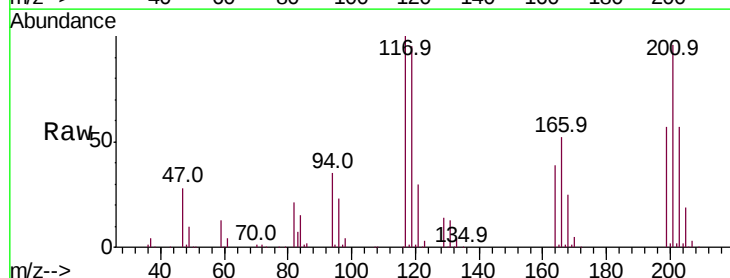


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

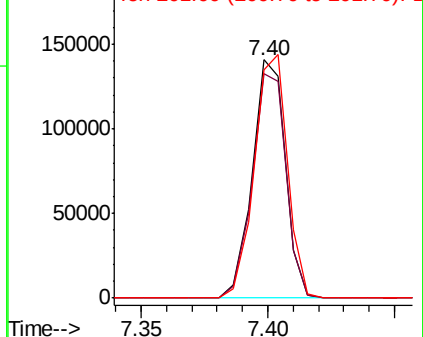
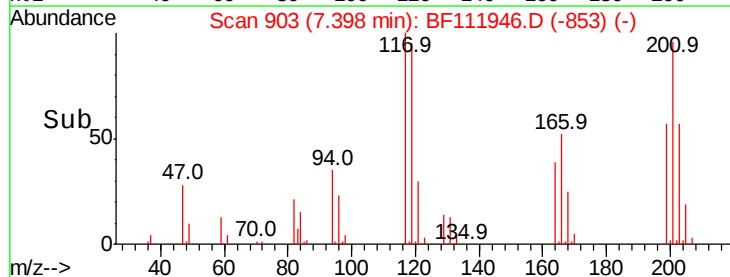


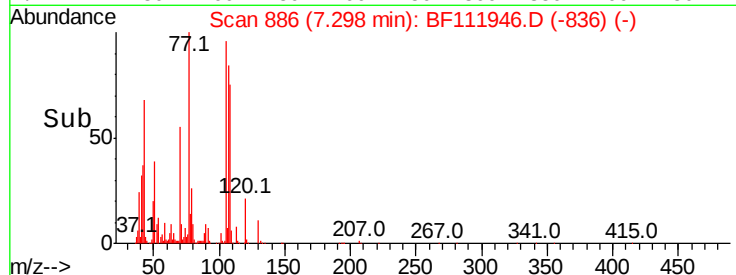
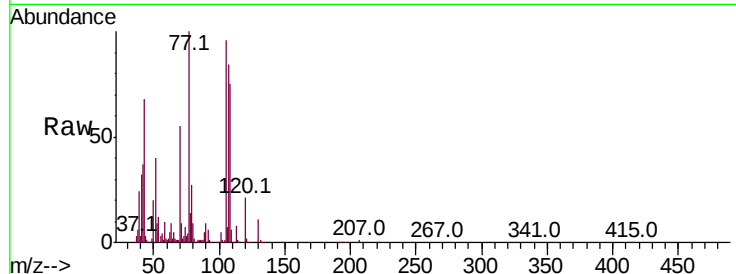
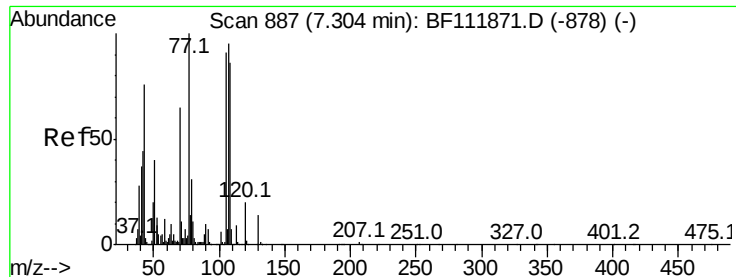
#18
Hexachloroethane
Concen: 37.946 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion:117 Resp: 127986
Ion Ratio Lower Upper
117 100
119 94.6 76.2 114.2
201 95.9 75.7 113.5



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

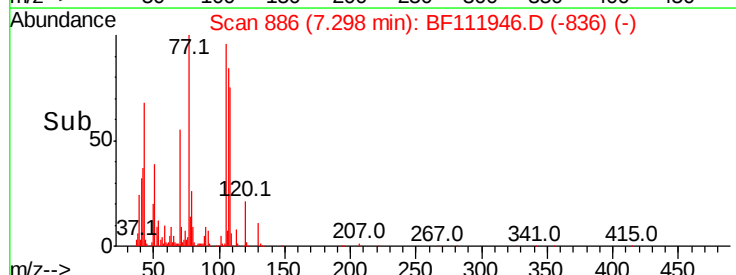
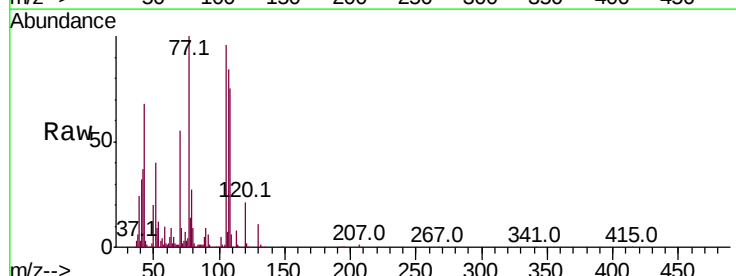
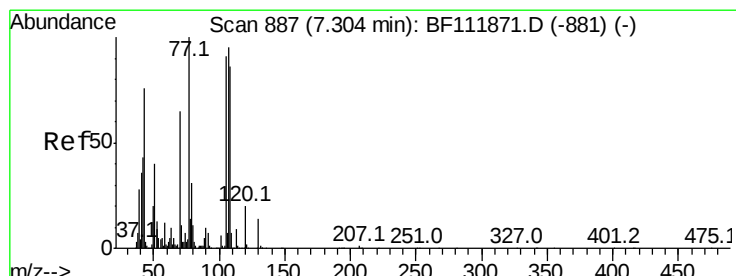
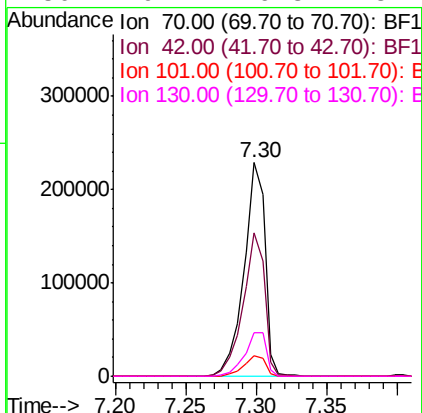




#19
n-Nitroso-di-n-propylamine
Concen: 38.469 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

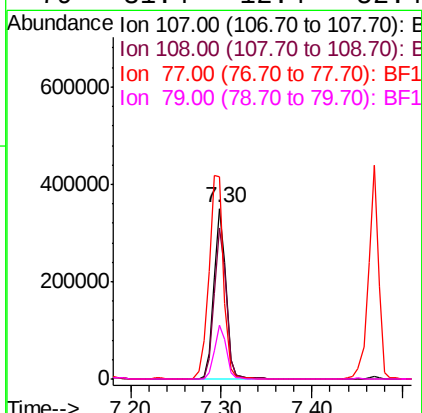
Instrument :
BNA_F
ClientSampleId :

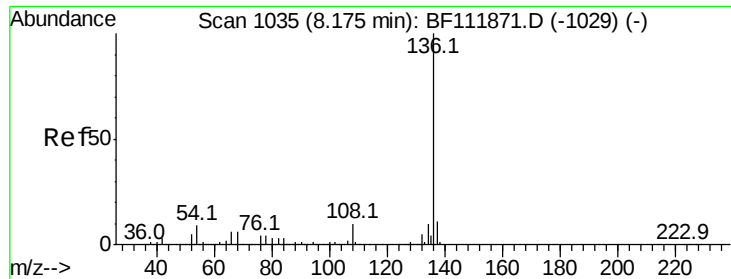
Tot Ion:	70	Resp:	238237
Ion	Ratio	Lower	Upper
70	100		
42	67.1	53.6	80.4
101	9.8	7.3	10.9
130	20.2	16.8	25.2



#20
3+4-Methylphenols
Concen: 39.755 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion:	107	Resp:	326537
Ion	Ratio	Lower	Upper
107	100		
108	88.5	71.1	111.1
77	118.5	85.4	125.4
79	31.4	12.4	52.4

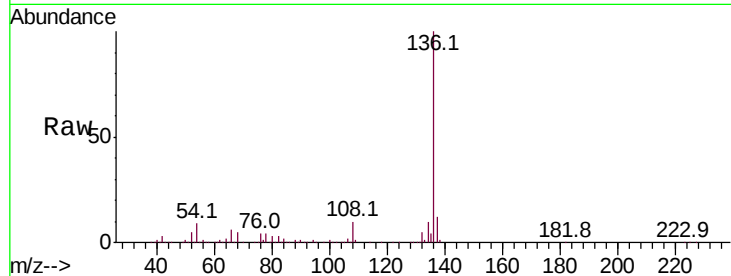




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	463134
Ion Ratio	Lower	Upper
136 100		
137 11.5	9.1	13.7
54 8.8	7.2	10.8
68 4.8	4.4	6.6



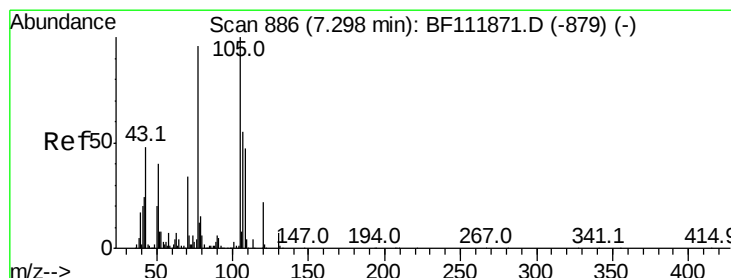
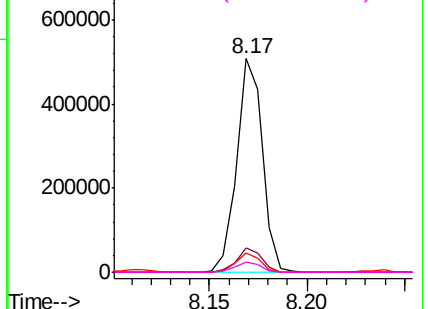
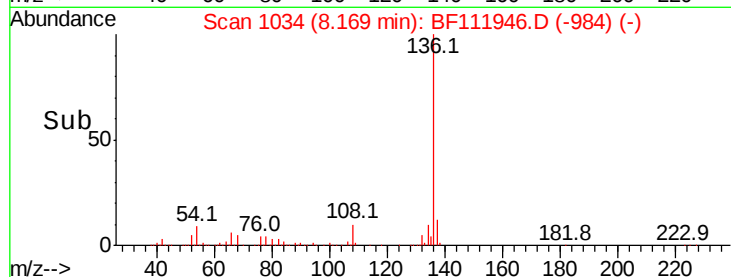
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

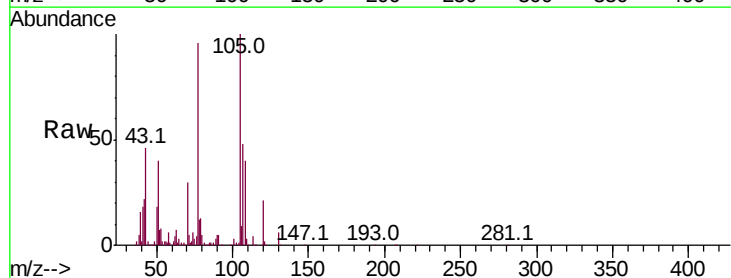
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.426 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt	Ion:105	Resp:	474003
Ion	Ratio	Lower	Upper
105	100		
71	5.2	4.6	6.8
51	39.6	32.2	48.2
120	21.2	17.5	26.3



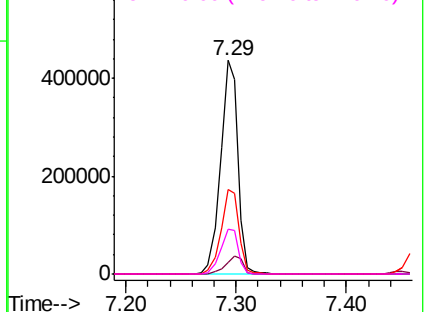
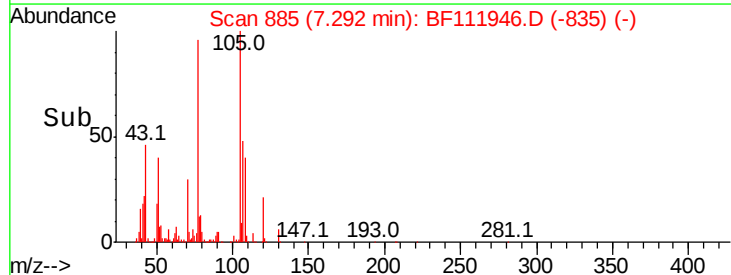
Abundance

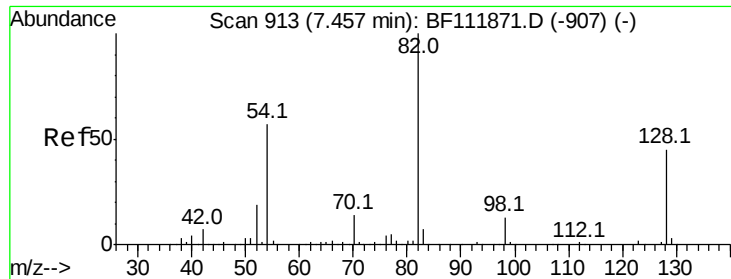
Ion 105.00 (104.70 to 105.70): E

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

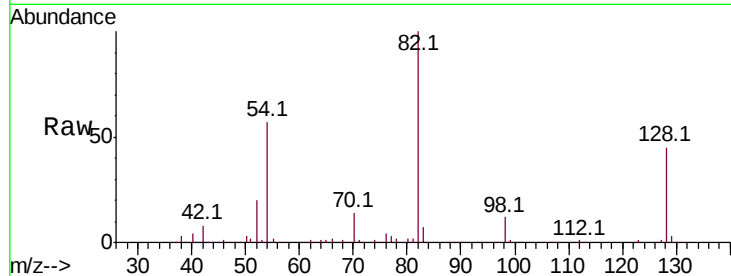




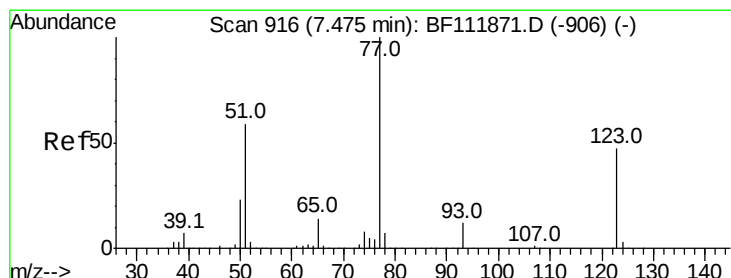
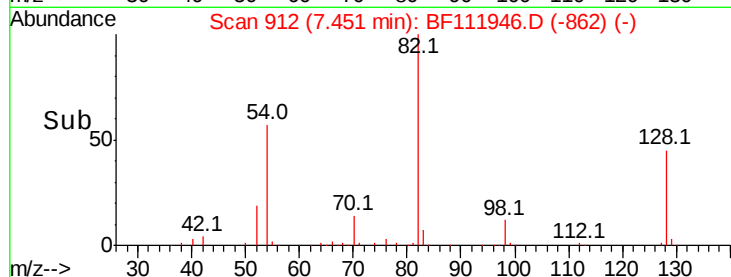
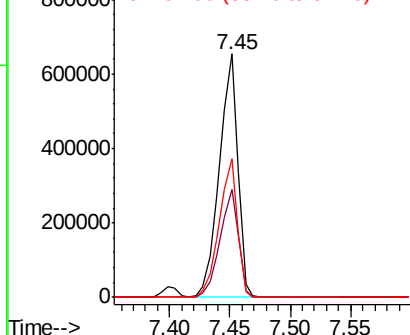
#23
Nitrobenzene-d5
Concen: 79.542 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 689280
Ion Ratio Lower Upper
82 100
128 44.5 35.7 53.5
54 57.1 45.8 68.8

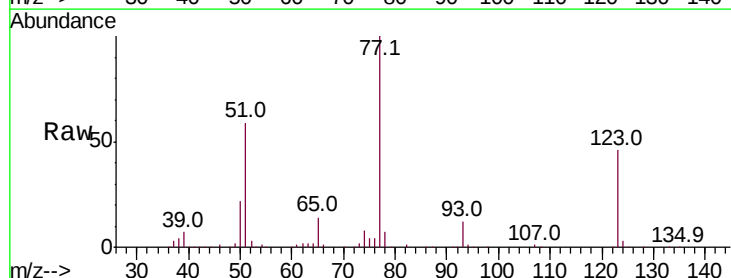


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

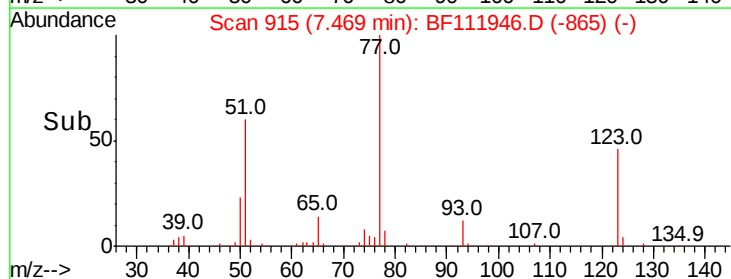
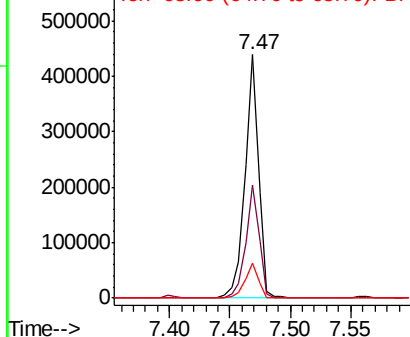


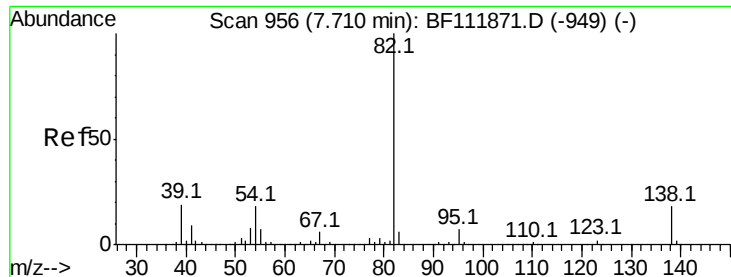
#24
Nitrobenzene
Concen: 39.674 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion: 77 Resp: 347785
Ion Ratio Lower Upper
77 100
123 46.4 38.1 57.1
65 14.2 11.0 16.4



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: 36.792 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampleId :

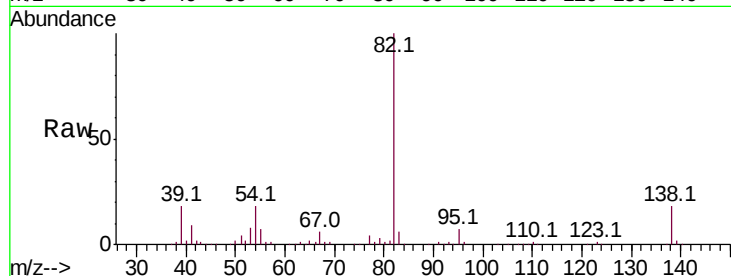
Tot Ion: 82 Resp: 516274

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

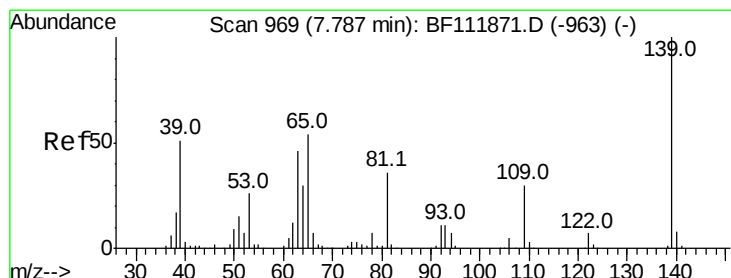
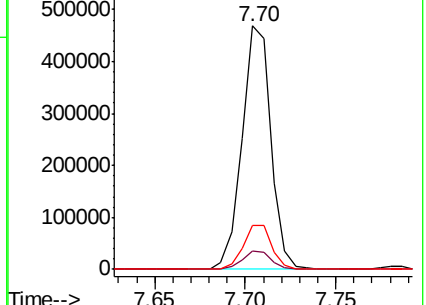
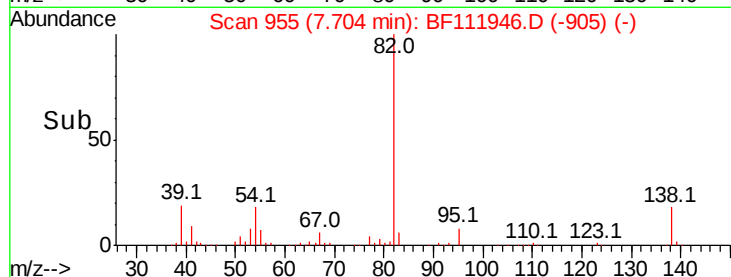
138 18.2 14.4 21.6



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: 37.650 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

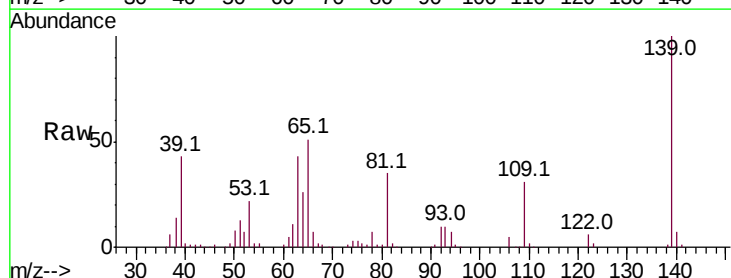
Tgt Ion: 139 Resp: 162505

Ion Ratio Lower Upper

139 100

109 30.9 24.1 36.1

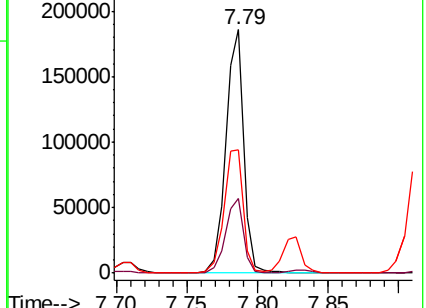
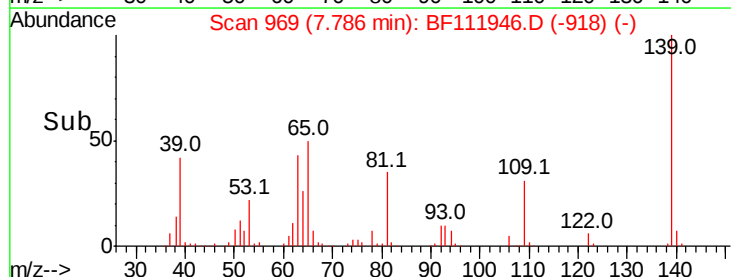
65 50.6 43.6 65.4

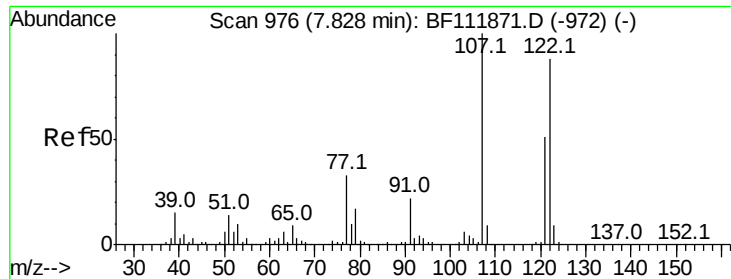


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

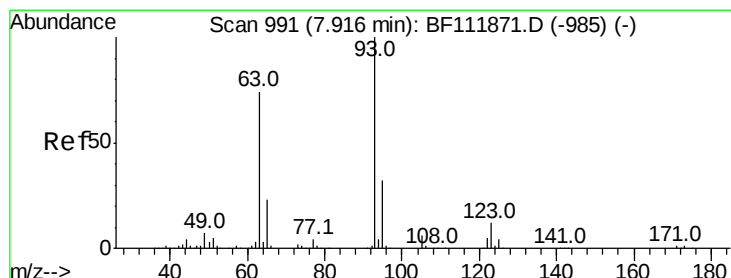
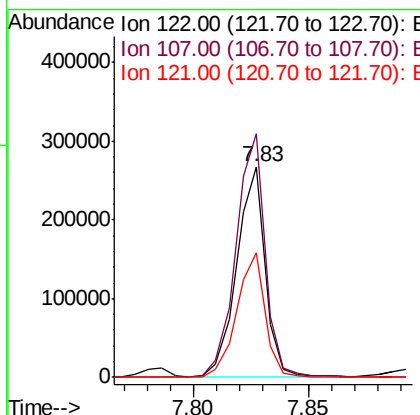
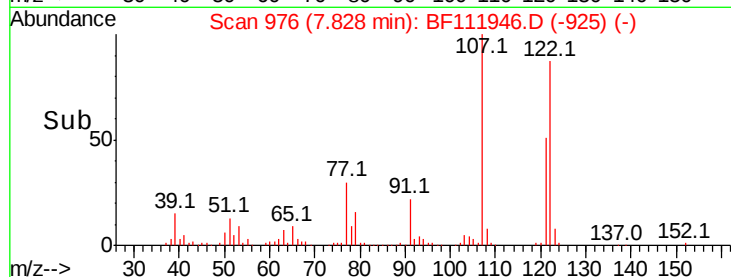
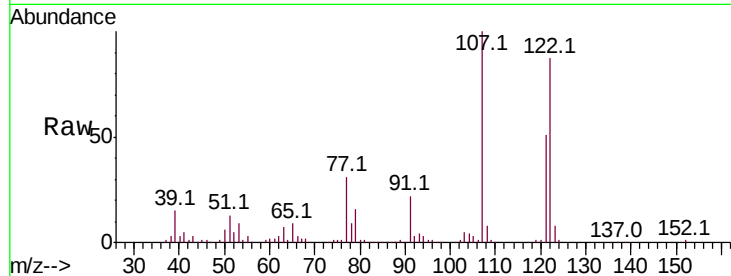




#27
 2,4-Dimethylphenol
 Concen: 37.150 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

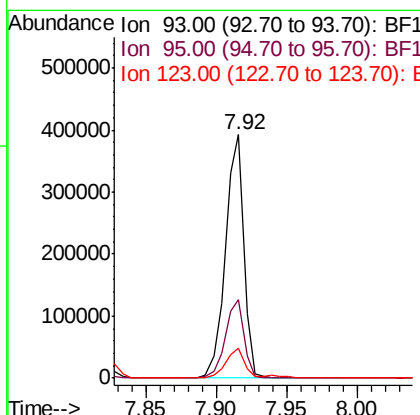
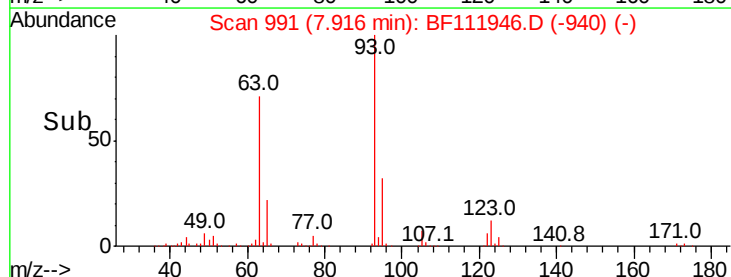
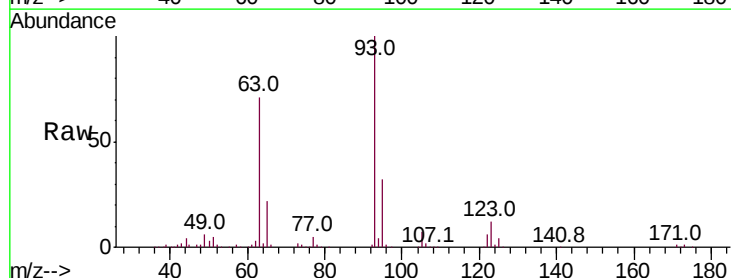
Instrument :
 BNA_F
 ClientSampleId :

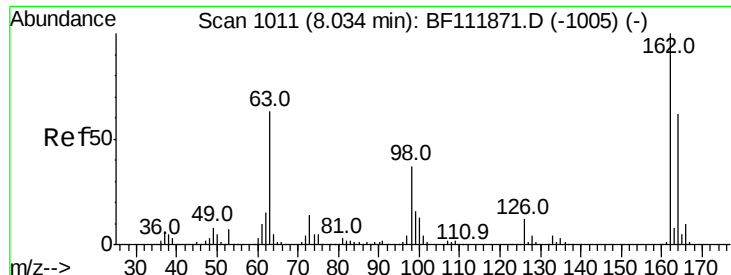
Tot Ion:122 Resp: 231844
 Ion Ratio Lower Upper
 122 100
 107 115.5 91.0 136.6
 121 58.8 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.948 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Tgt Ion: 93 Resp: 355432
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.8 38.6
 123 12.4 9.5 14.3

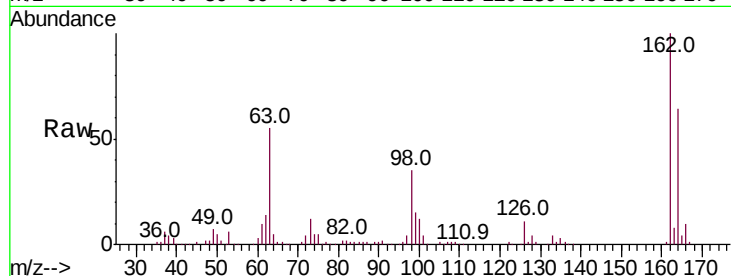




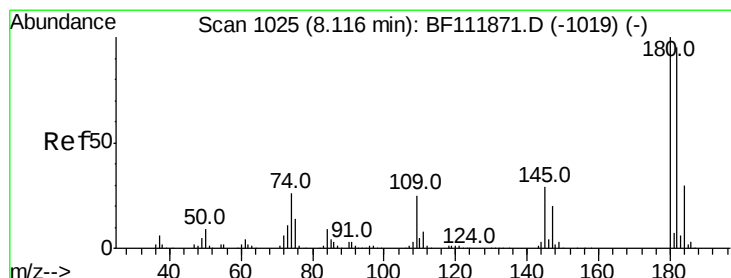
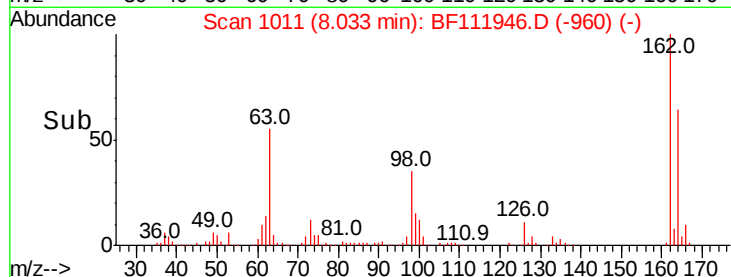
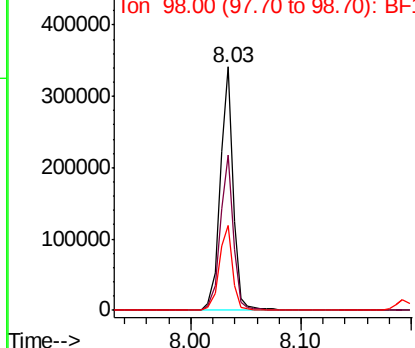
#29
 2,4-Dichlorophenol
 Concen: 38.867 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 278914
 Ion Ratio Lower Upper
 162 100
 164 63.9 42.1 82.1
 98 34.9 17.2 57.2

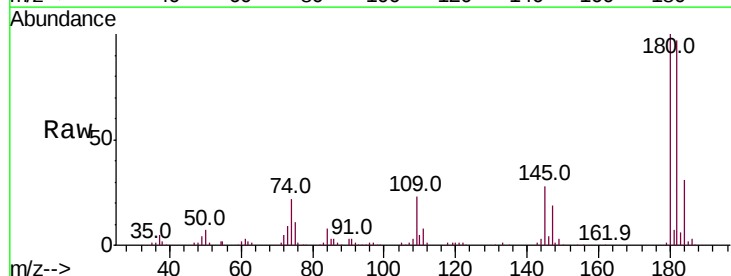


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

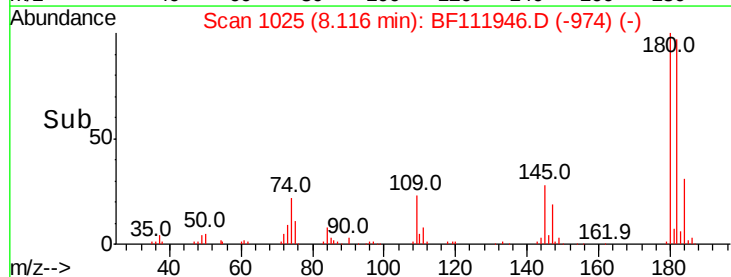
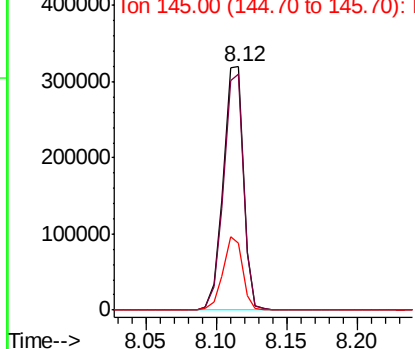


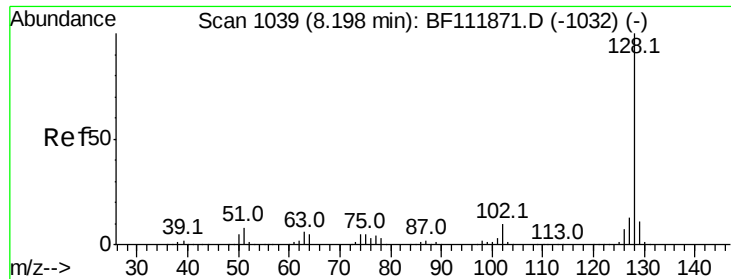
#30
 1,2,4-Trichlorobenzene
 Concen: 40.504 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Tgt Ion:180 Resp: 320654
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.2 114.4
 145 27.7 23.4 35.2



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

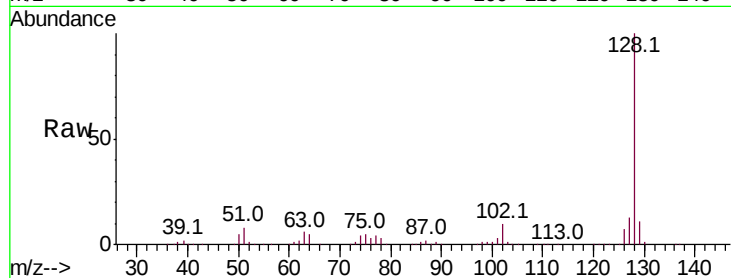




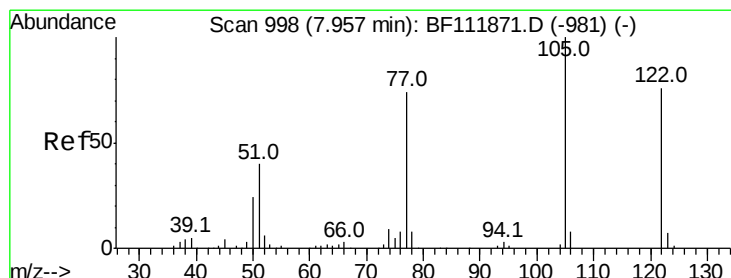
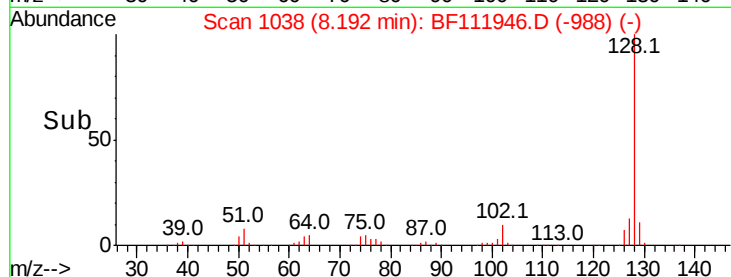
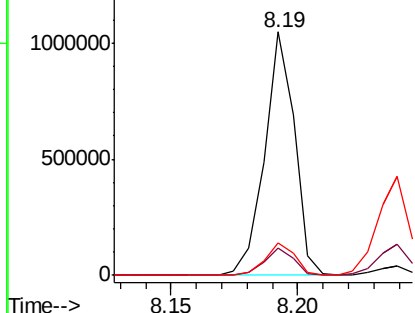
#31
Naphthalene
Concen: 39.520 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 868851
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.3 10.7 16.1

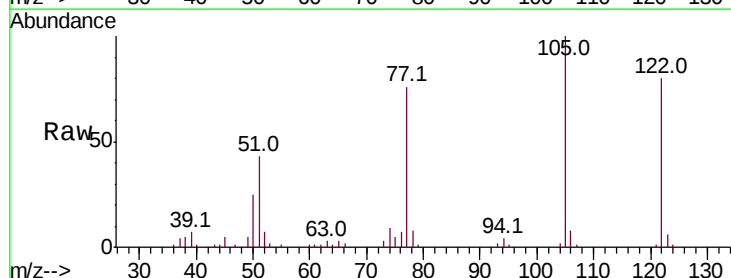


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

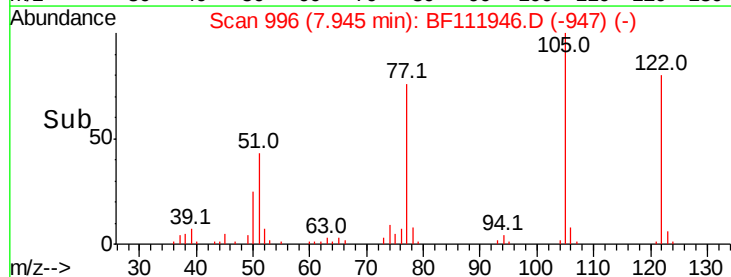
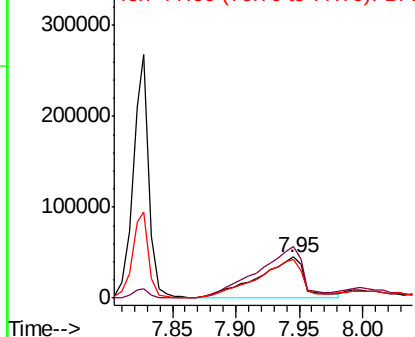


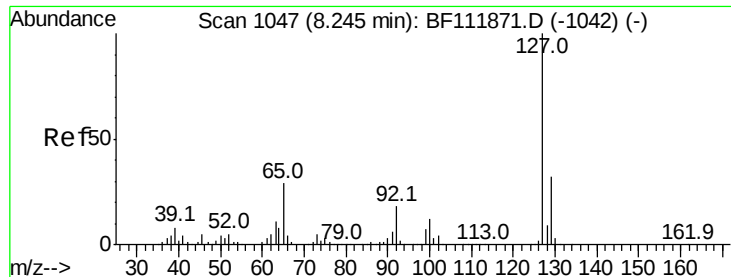
#32
Benzoic acid
Concen: 27.944 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion:122 Resp: 113168
Ion Ratio Lower Upper
122 100
105 125.3 107.9 147.9
77 95.2 76.6 116.6



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

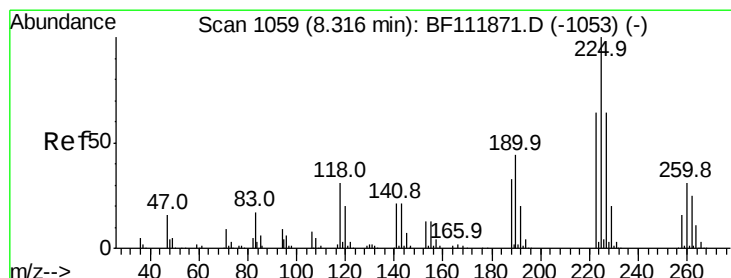
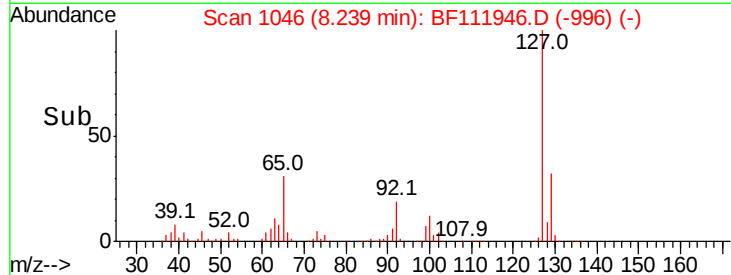
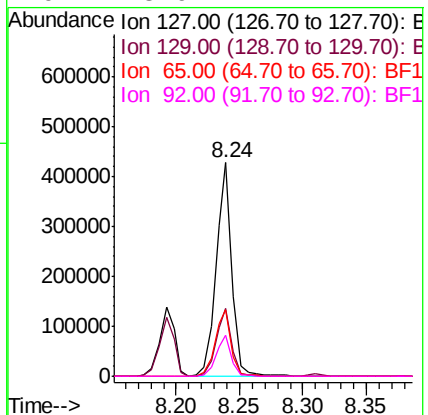
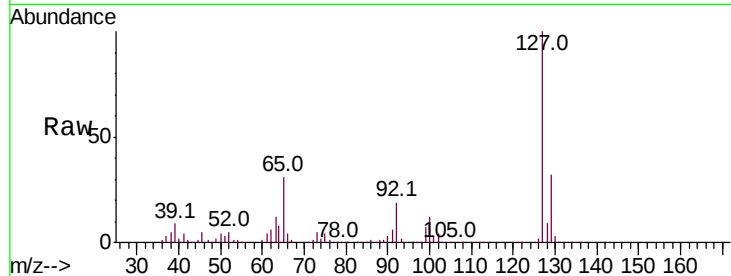




#33
 4-Chloroaniline
 Concen: 39.158 ng
 RT: 8.24 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

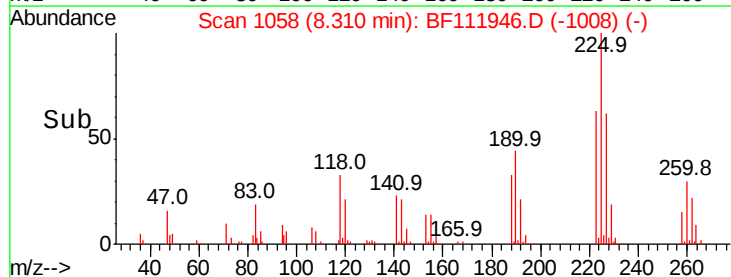
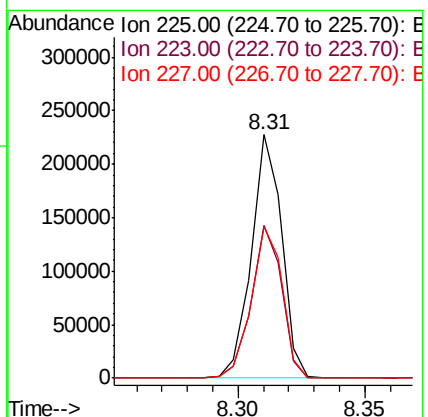
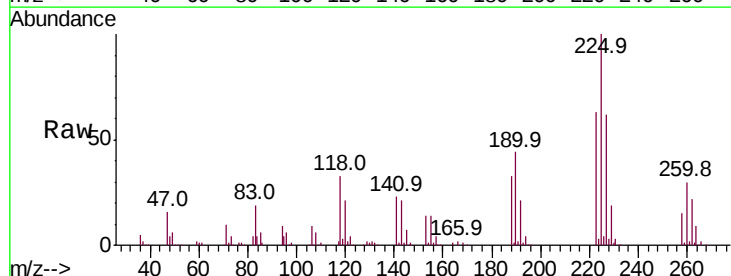
Instrument :
 BNA_F
 ClientSampleId :

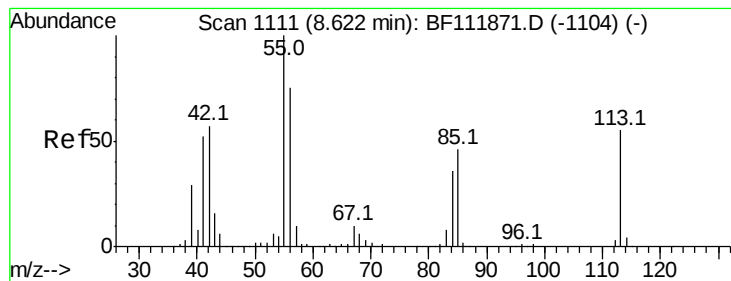
Tot Ion:	127	Resp:	372152
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.6
65	31.2	23.5	35.3
92	18.9	14.2	21.2



#34
 Hexachlorobutadiene
 Concen: 38.491 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Tgt Ion:	225	Resp:	189699
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.9	76.3
227	62.1	51.4	77.0





#35

Caprolactam

Concen: 40.288 ng

RT: 8.62 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampleId :

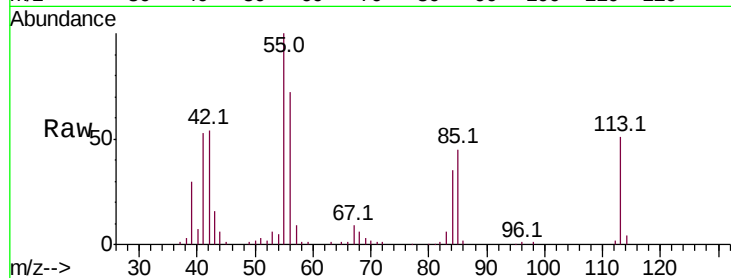
Tot Ion:113 Resp: 94460

Ion Ratio Lower Upper

113 100

55 196.6 162.0 202.0

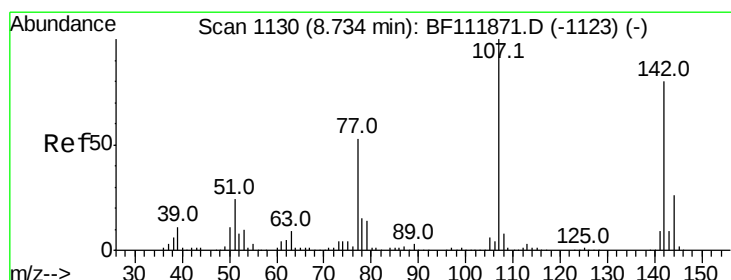
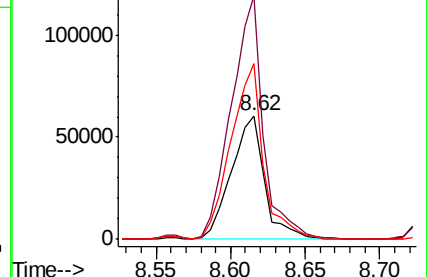
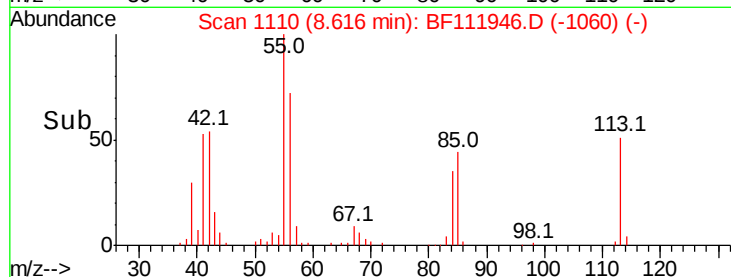
56 142.4 116.0 156.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.588 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

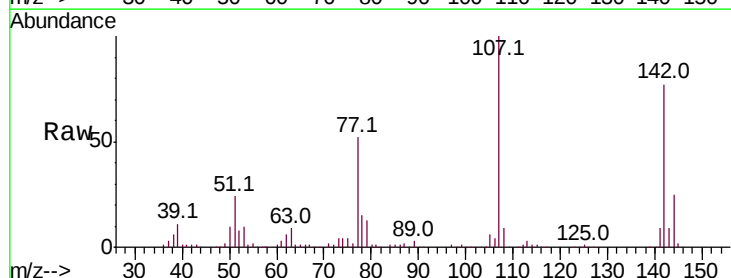
Tgt Ion:107 Resp: 282464

Ion Ratio Lower Upper

107 100

144 25.3 20.7 31.1

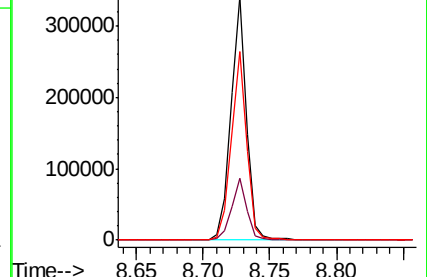
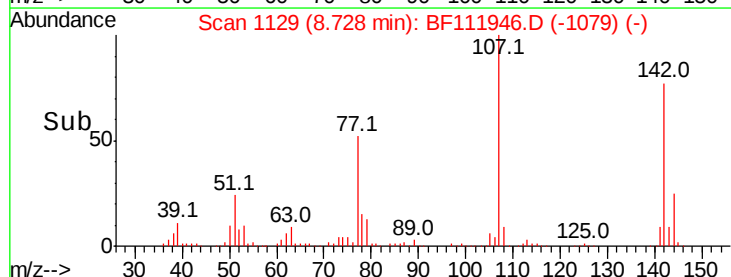
142 77.2 63.9 95.9

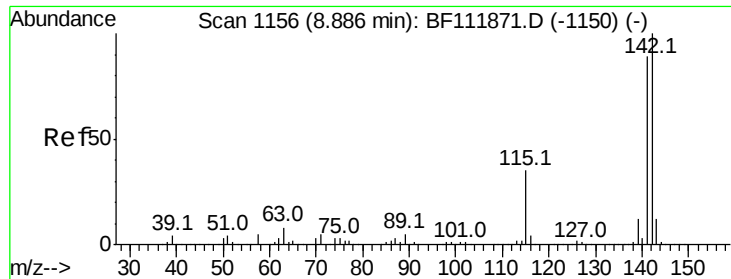


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

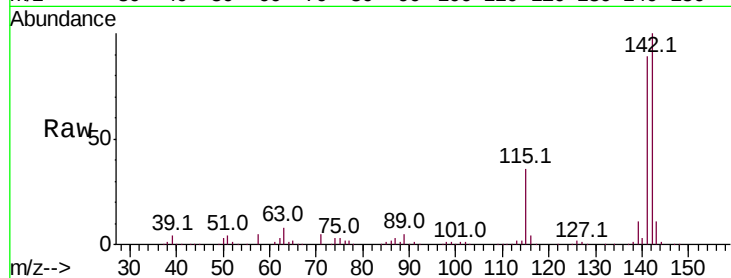




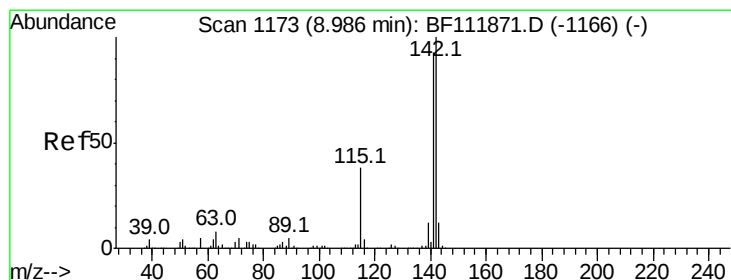
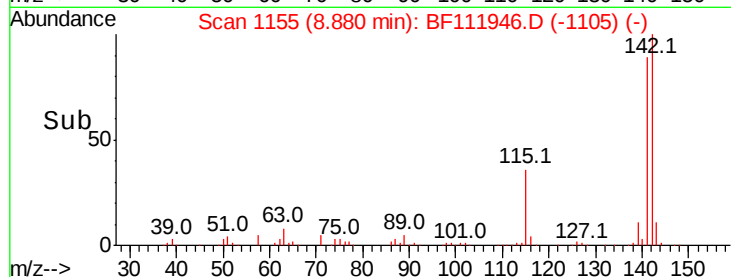
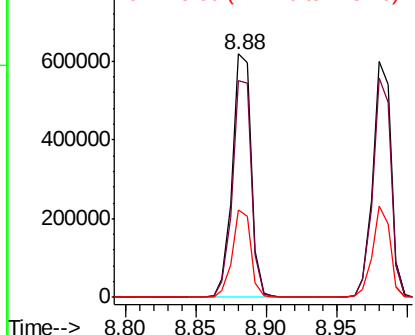
#37
2-Methylnaphthalene
Concen: 42.502 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 579002
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.2
115 35.9 28.3 42.5

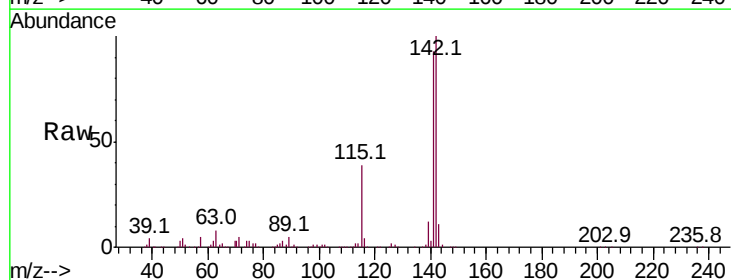


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

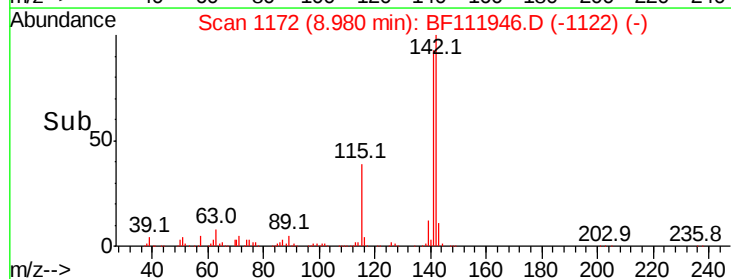
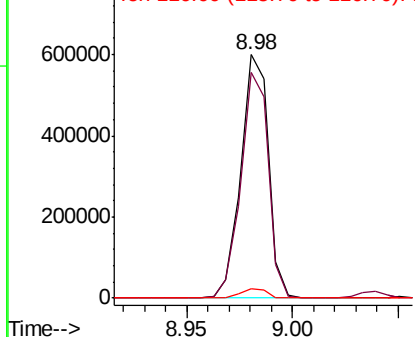


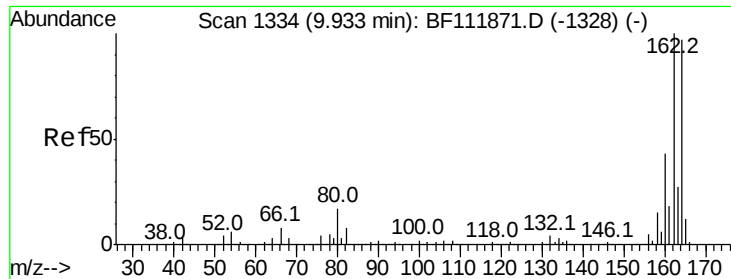
#38
1-Methylnaphthalene
Concen: 41.482 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion:142 Resp: 542012
Ion Ratio Lower Upper
142 100
141 92.7 74.8 112.2
116 4.0 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

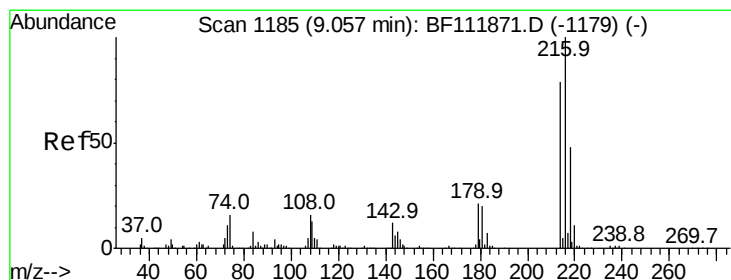
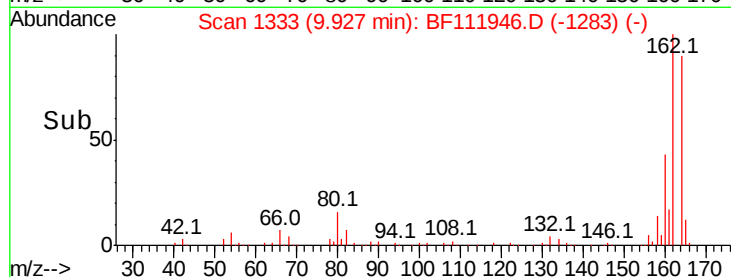
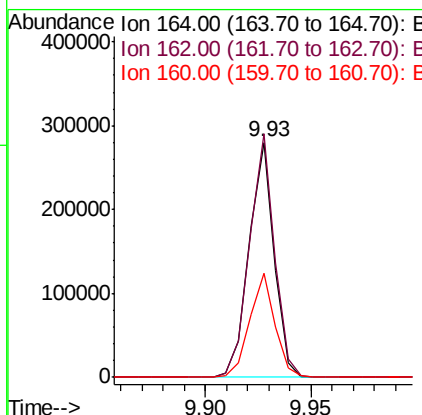
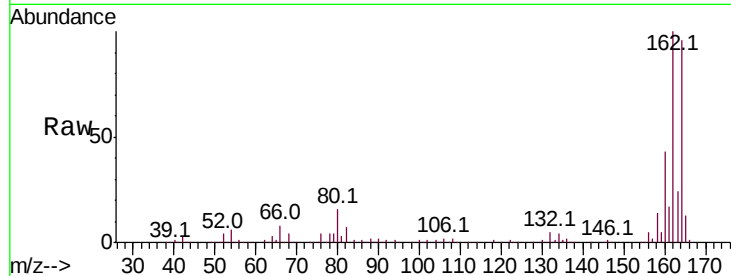




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

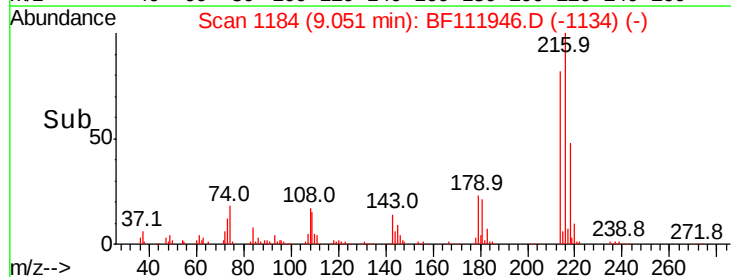
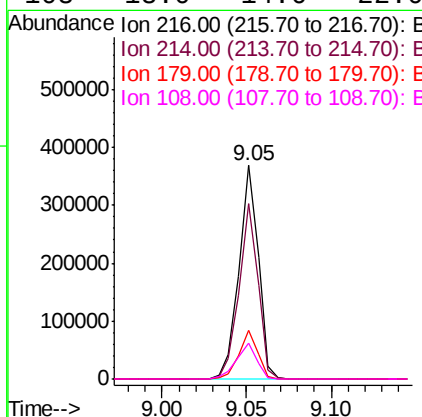
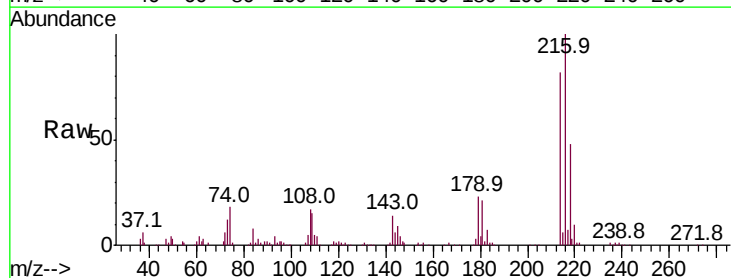
Instrument :
BNA_F
ClientSampleId :

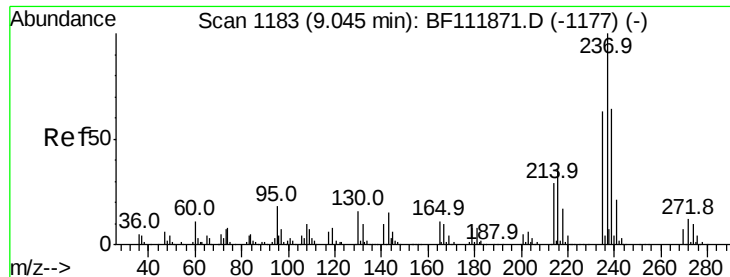
Tot Ion:164 Resp: 231631
Ion Ratio Lower Upper
164 100
162 103.6 82.2 123.2
160 44.4 35.5 53.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.636 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion:216 Resp: 292694
Ion Ratio Lower Upper
216 100
214 80.2 63.5 95.3
179 21.6 17.0 25.6
108 18.0 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 29.517 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampleId :

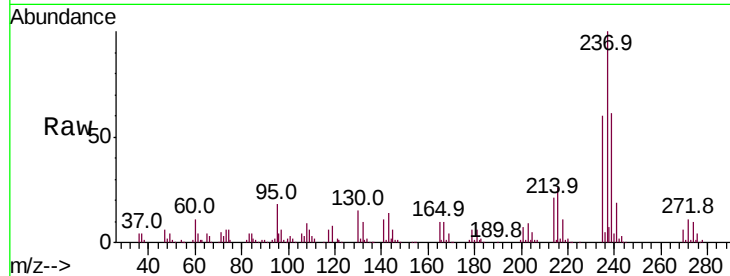
Tot Ion:237 Resp: 126028

Ion Ratio Lower Upper

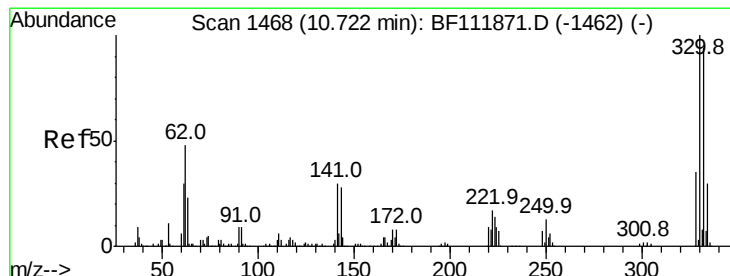
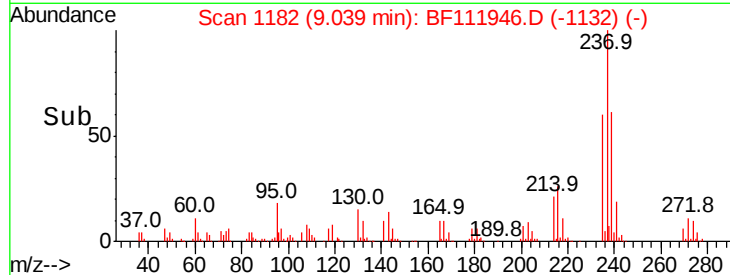
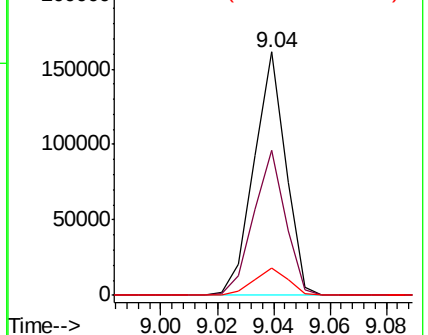
237 100

235 59.8 42.6 82.6

272 11.4 0.0 32.3



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: 78.697 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

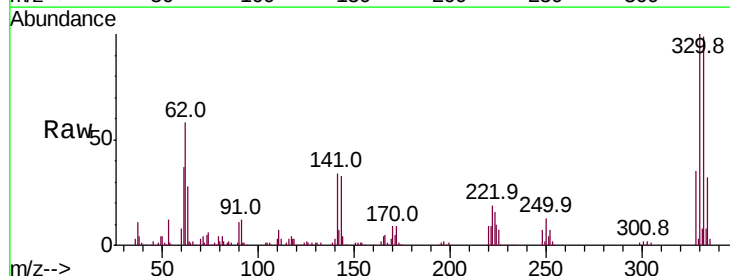
Tgt Ion:330 Resp: 237100

Ion Ratio Lower Upper

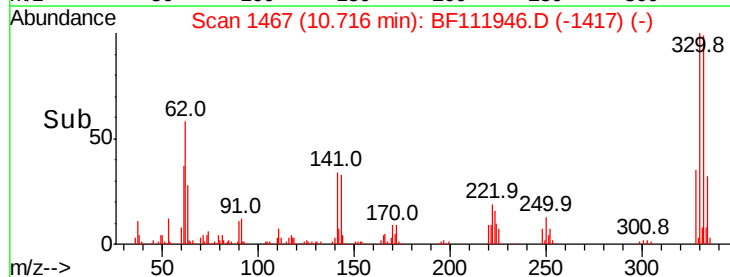
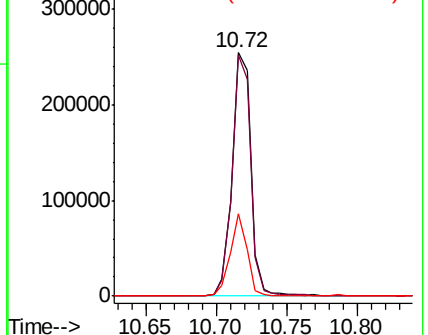
330 100

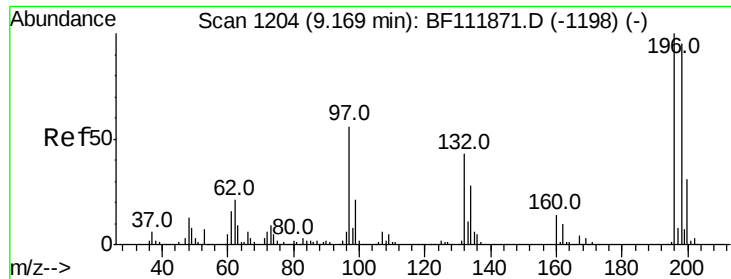
332 97.8 76.9 115.3

141 30.4 23.7 35.5



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

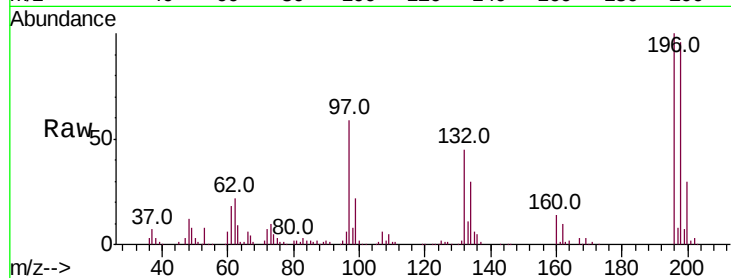




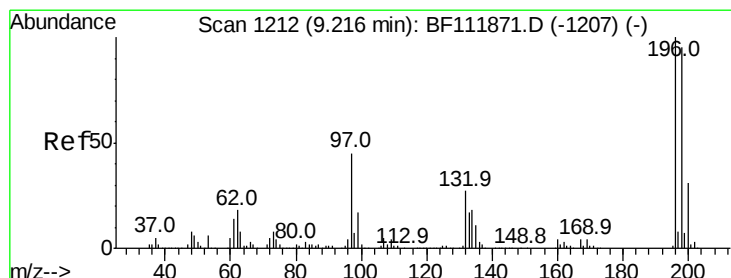
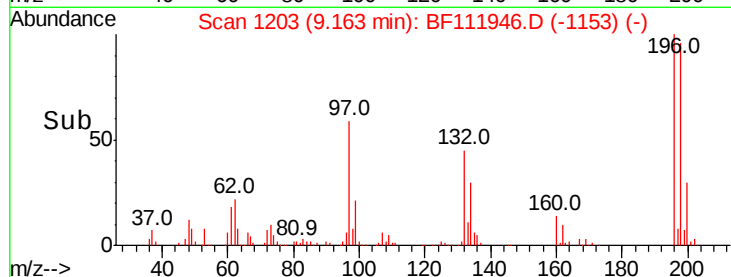
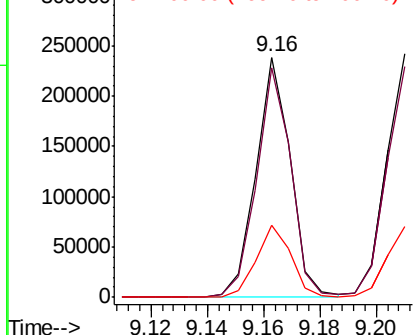
#43
 2,4,6-Trichlorophenol
 Concen: 40.164 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 201170
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.8 113.8
 200 30.1 24.5 36.7

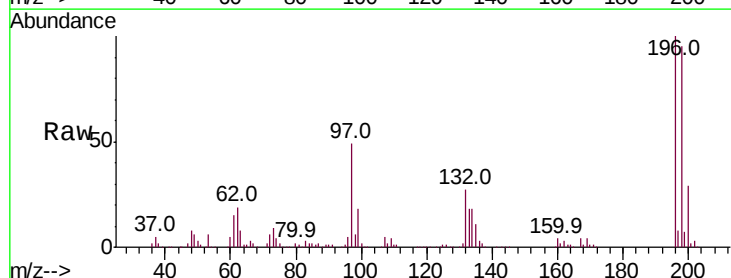


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

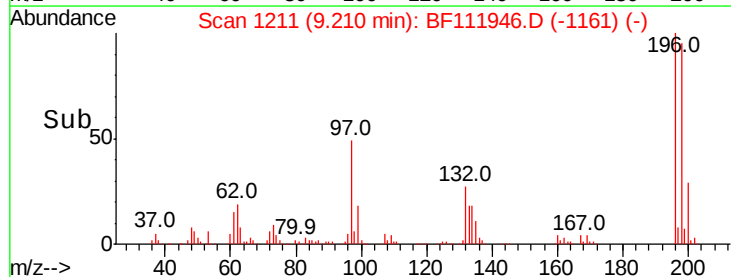
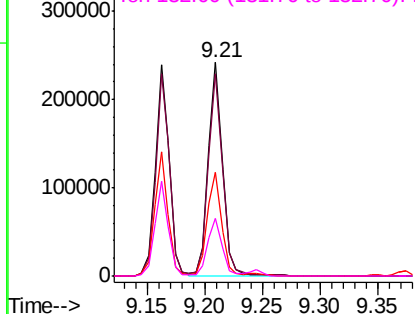


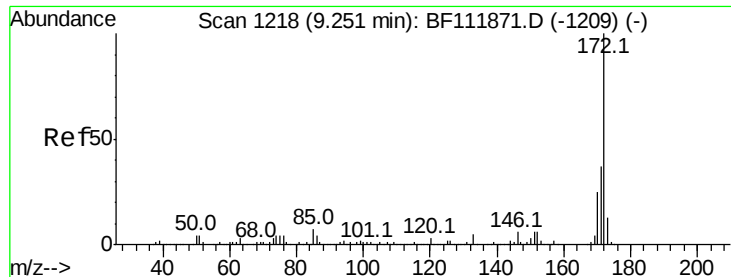
#44
 2,4,5-Trichlorophenol
 Concen: 40.025 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Tgt Ion:196 Resp: 210040
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.2 114.2
 97 48.7 36.4 54.6
 132 27.2 21.7 32.5



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

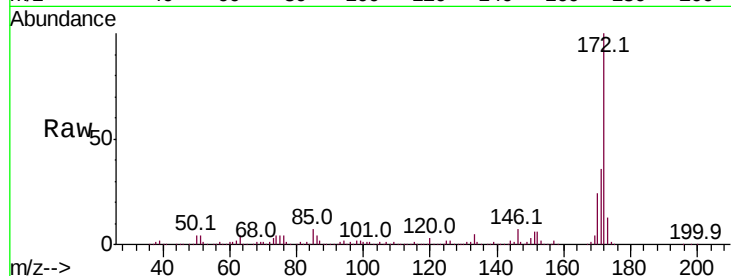




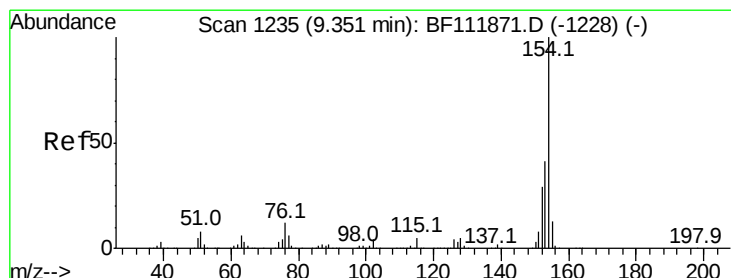
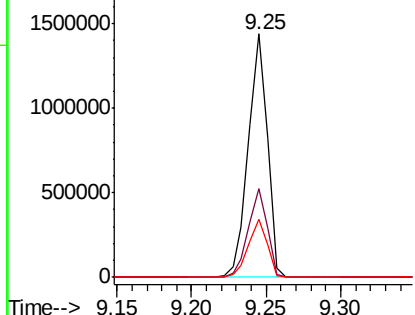
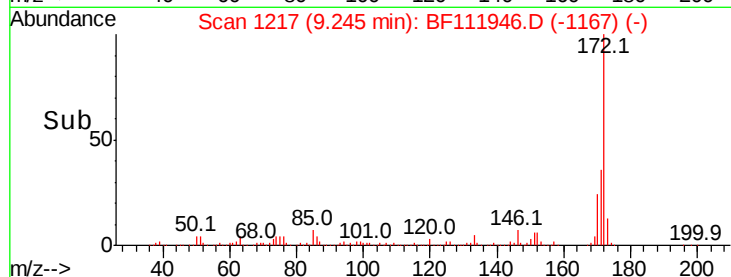
#45
2-Fluorobiphenyl
Concen: 79.929 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1269654
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.0 19.8 29.8

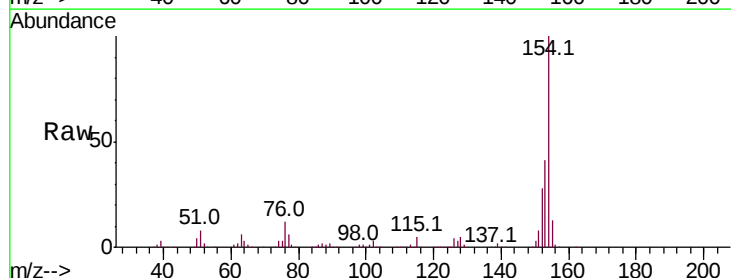


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

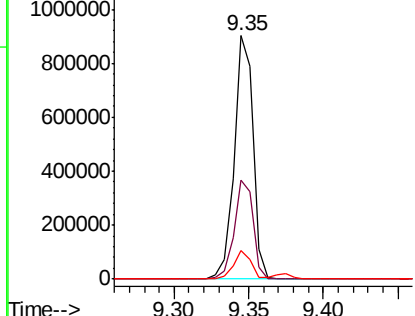
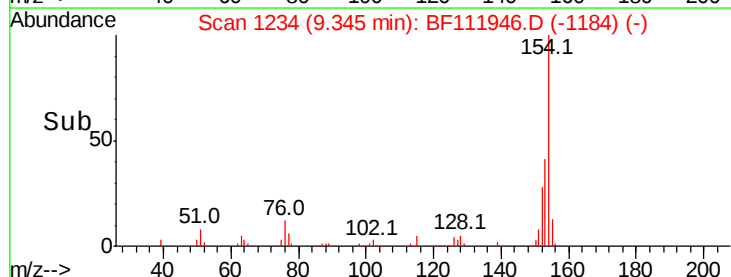


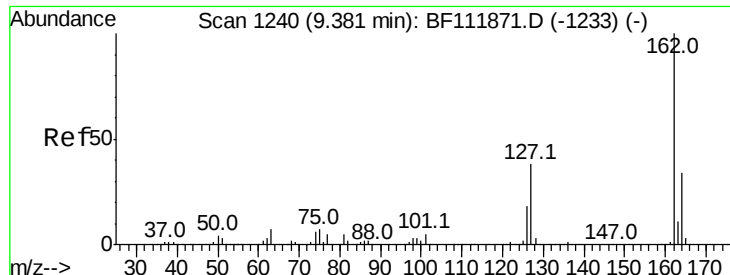
#46
1,1'-Biphenyl
Concen: 41.367 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion:154 Resp: 801512
Ion Ratio Lower Upper
154 100
153 40.7 21.3 61.3
76 11.9 0.0 32.3



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

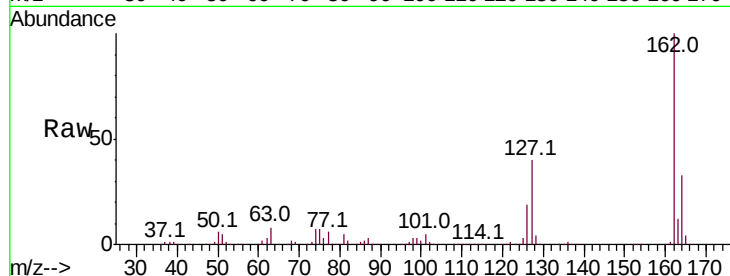




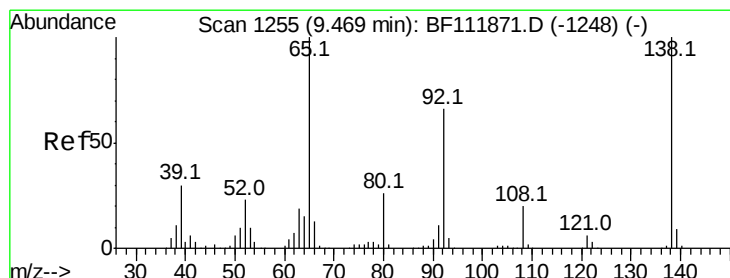
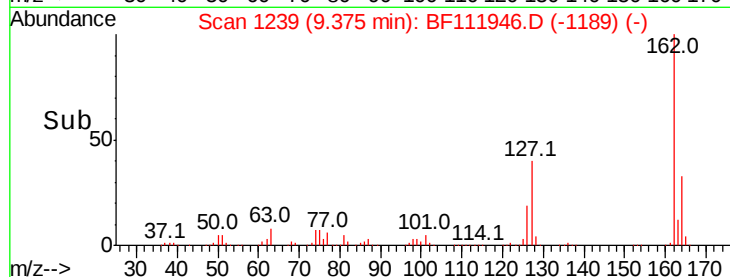
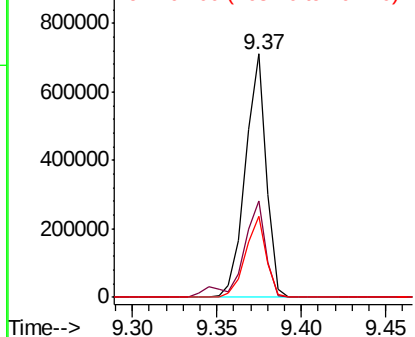
#47
 2-Chloronaphthalene
 Concen: 40.302 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 612855
 Ion Ratio Lower Upper
 162 100
 127 39.6 31.2 46.8
 164 33.1 27.0 40.6

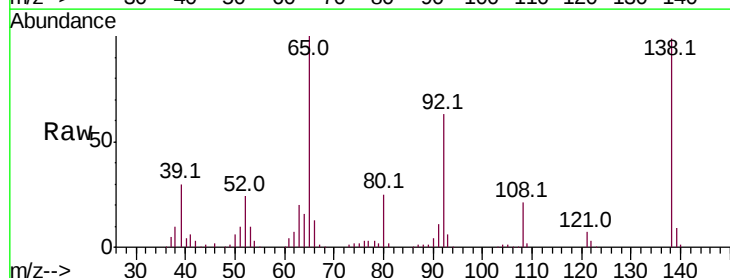


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

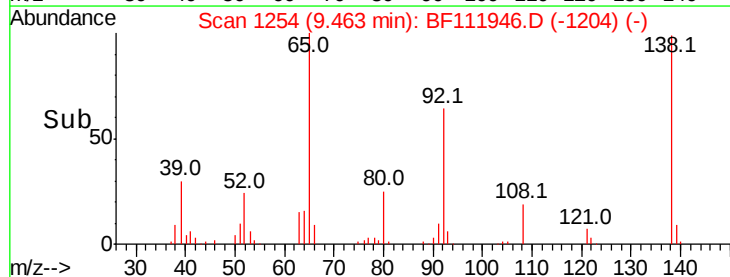
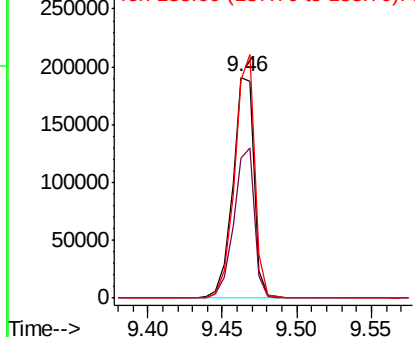


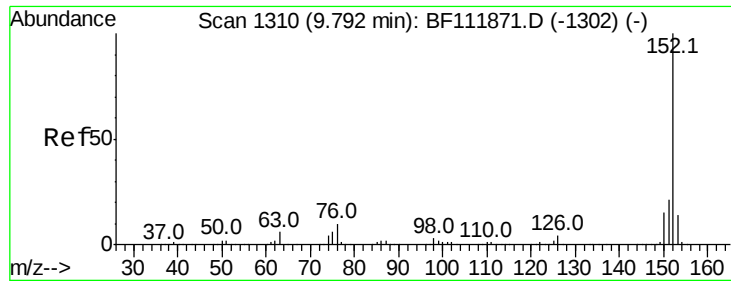
#48
 2-Nitroaniline
 Concen: 41.046 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Tgt Ion: 65 Resp: 190831
 Ion Ratio Lower Upper
 65 100
 92 63.3 52.5 78.7
 138 98.7 79.8 119.6



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: 38.584 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampleId :

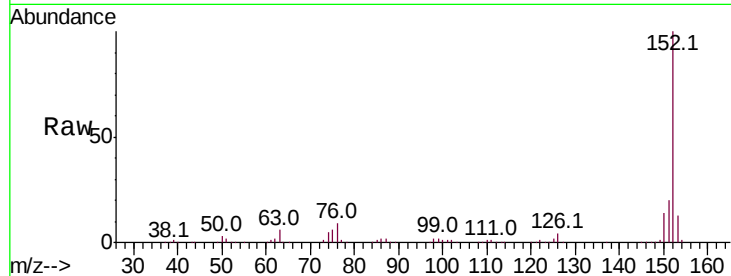
Tot Ion:152 Resp: 867435

Ion Ratio Lower Upper

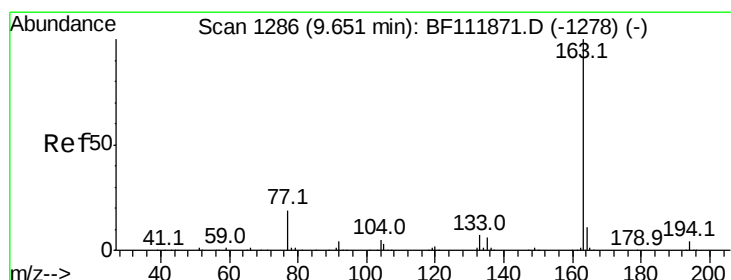
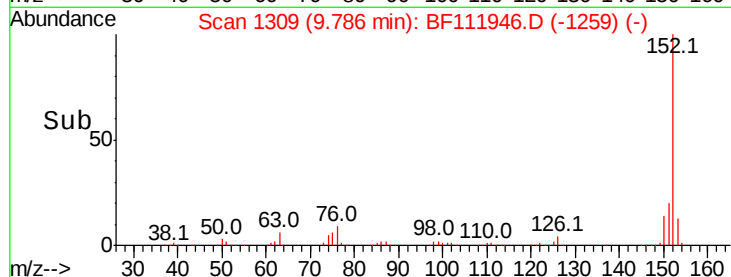
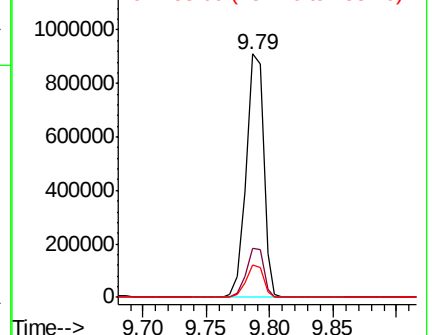
152 100

151 19.9 16.6 25.0

153 13.3 11.0 16.4



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: 38.842 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

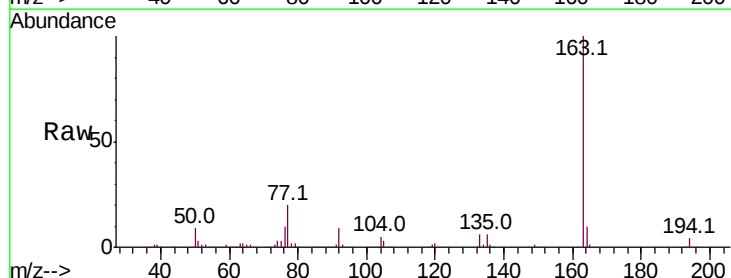
Tgt Ion:163 Resp: 675860

Ion Ratio Lower Upper

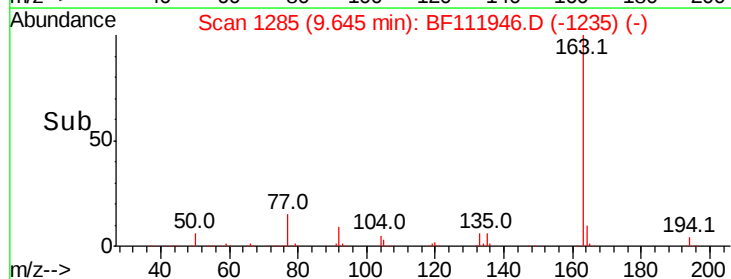
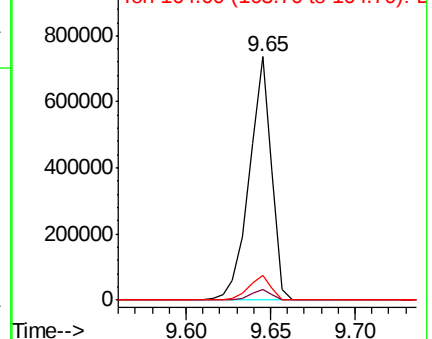
163 100

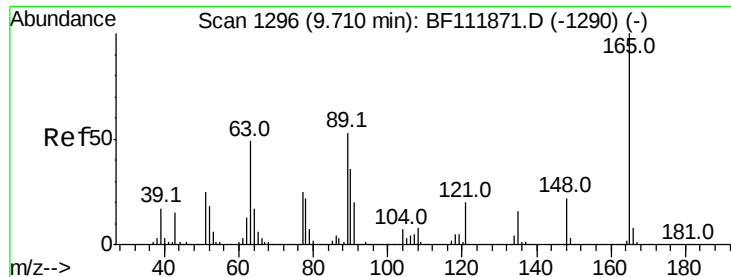
194 4.2 3.4 5.2

164 10.1 8.5 12.7



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

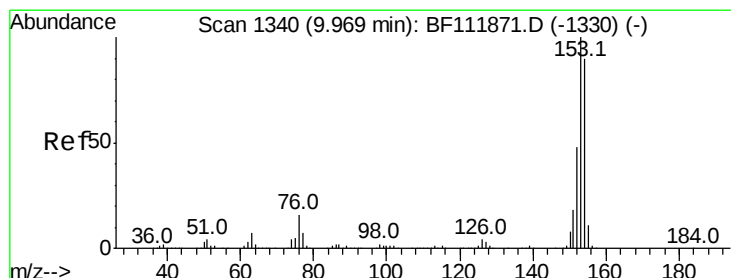
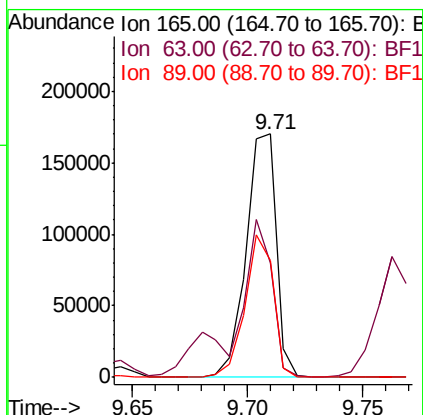
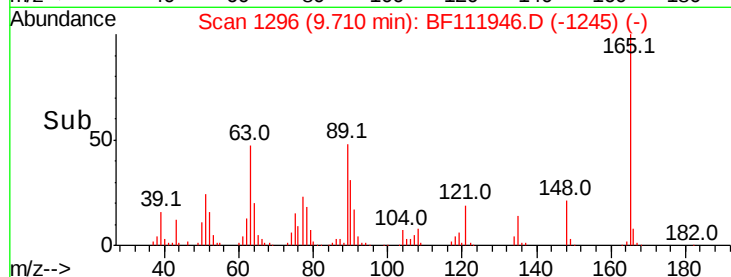
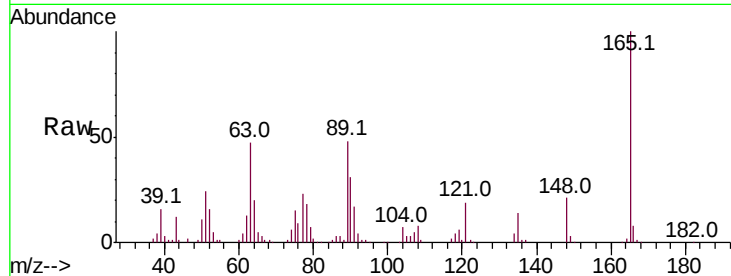




#51
 2,6-Dinitrotoluene
 Concen: 40.217 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

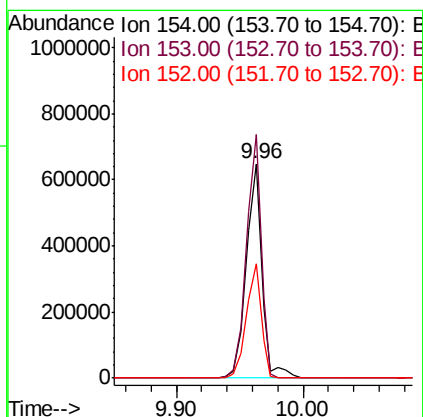
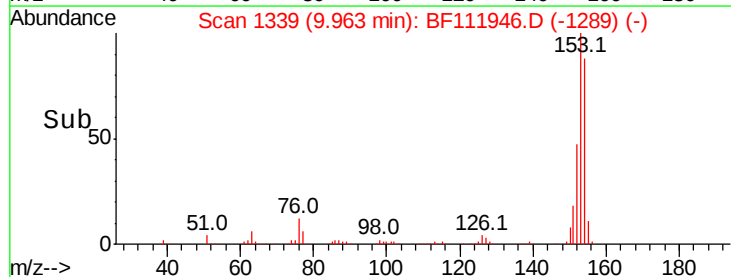
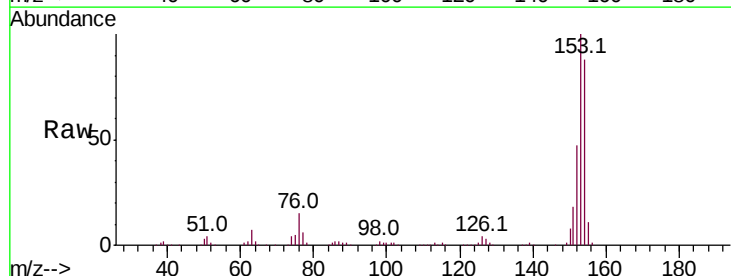
Instrument :
 BNA_F
 ClientSampled :

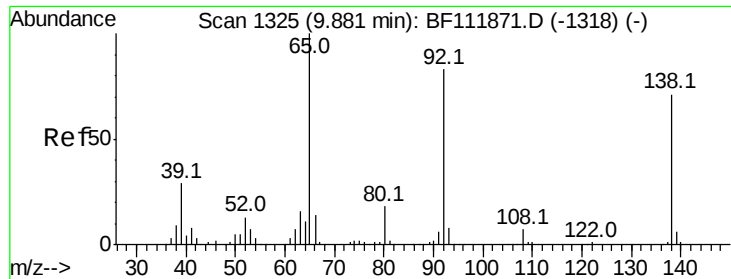
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.0	46.2	69.2
89	48.0	42.2	63.2



#52
 Acenaphthene
 Concen: 38.271 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.4	134.0
152	53.4	43.1	64.7

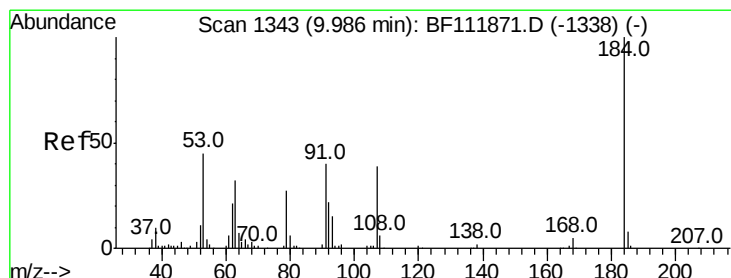
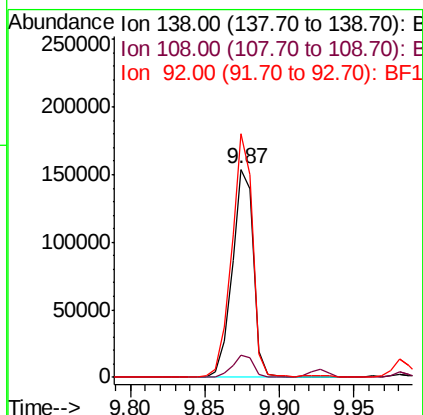
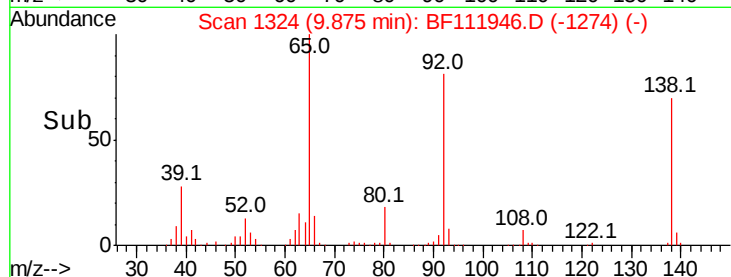
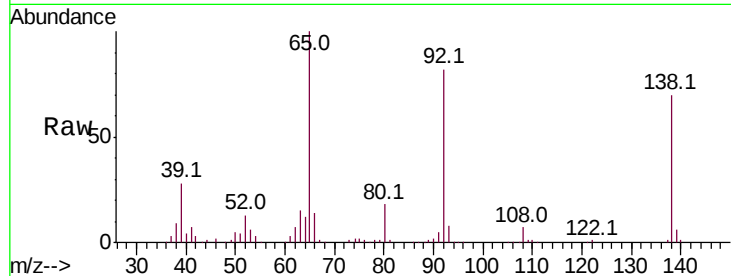




#53
3-Nitroaniline
Concen: 37.143 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

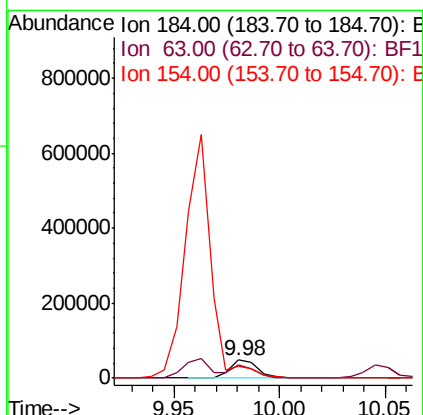
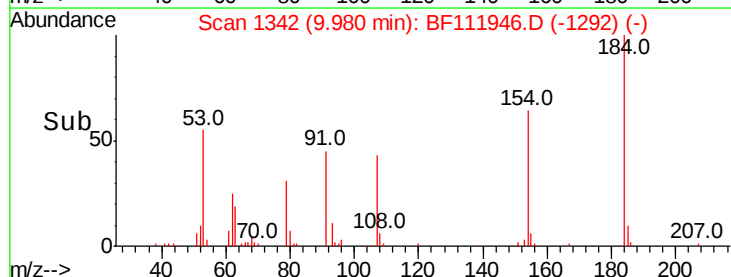
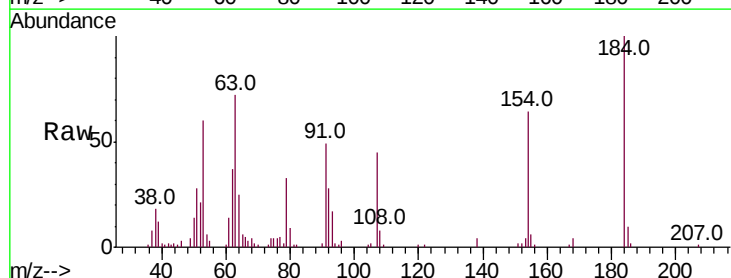
Instrument :
BNA_F
ClientSampled :

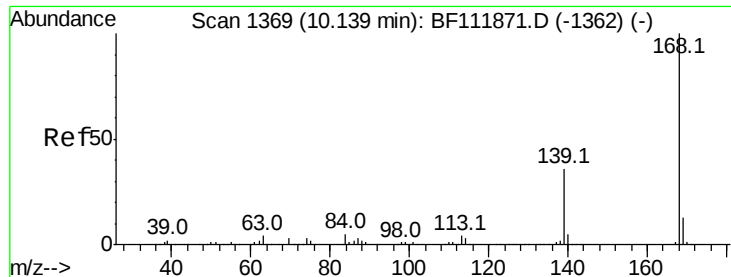
Tot Ion:138 Resp: 154775
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.4
92 117.0 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 27.788 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion:184 Resp: 45784
Ion Ratio Lower Upper
184 100
63 72.4 46.9 70.3#
154 64.2 46.9 70.3





#55

Dibenzofuran

Concen: 38.016 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampleId :

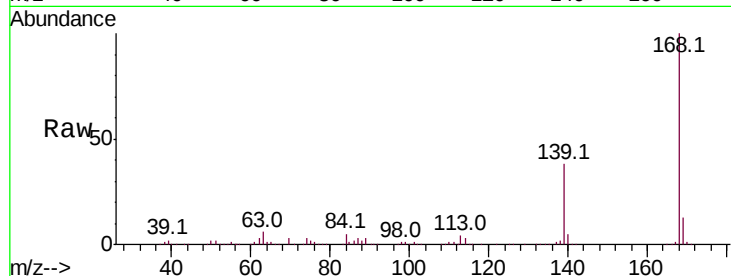
Tot Ion:168 Resp: 801306

Ion Ratio Lower Upper

168 100

139 38.2 29.3 43.9

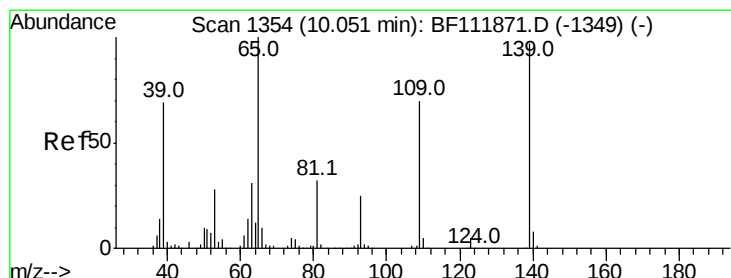
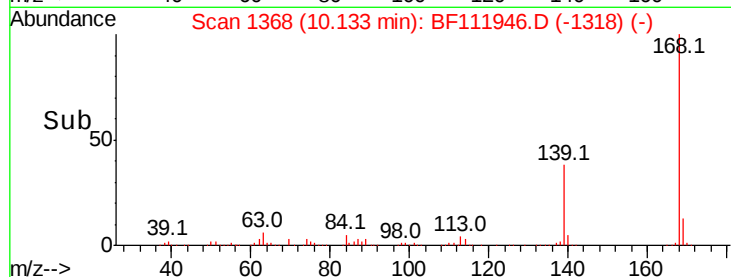
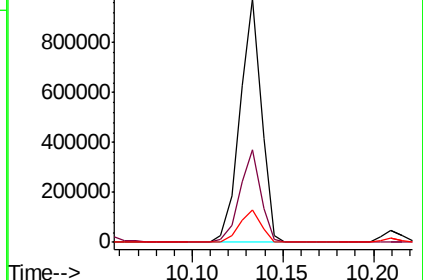
169 13.5 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 35.795 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

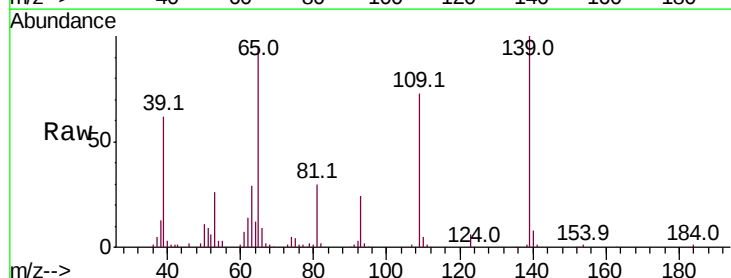
Tgt Ion:139 Resp: 105390

Ion Ratio Lower Upper

139 100

109 72.8 52.2 92.2

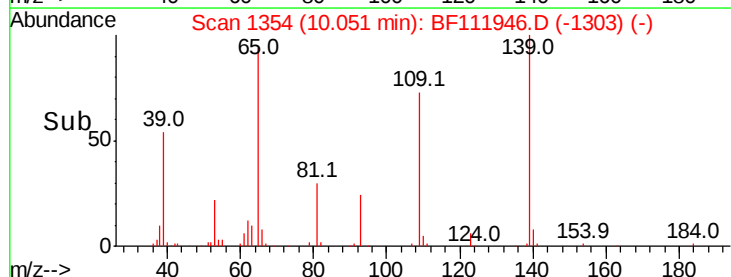
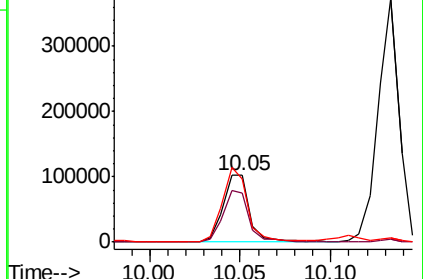
65 94.7 83.1 123.1

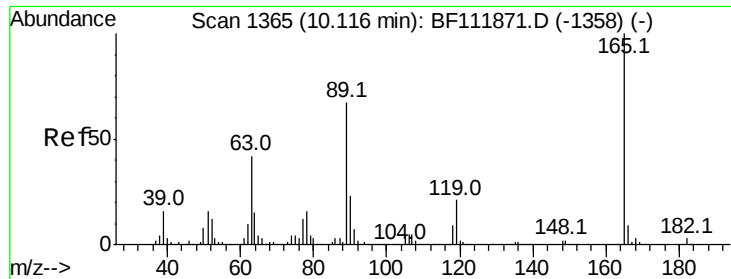


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

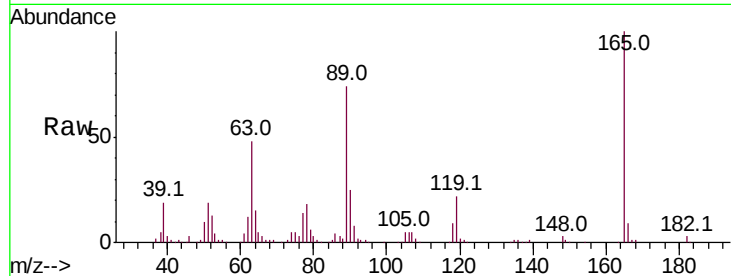




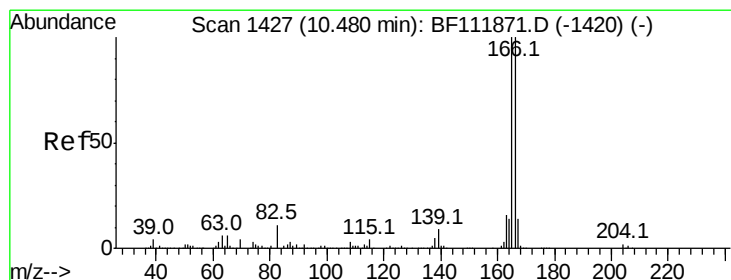
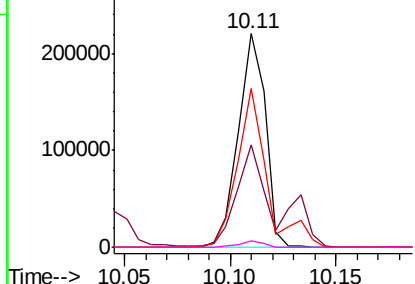
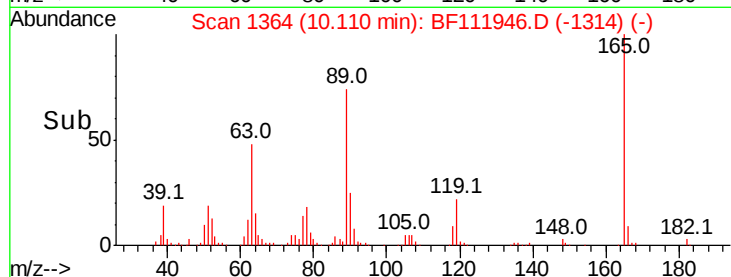
#57
2,4-Dinitrotoluene
Concen: 39.108 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 196629
Ion Ratio Lower Upper
165 100
63 48.3 34.1 51.1
89 74.0 53.5 80.3
182 2.7 2.0 3.0

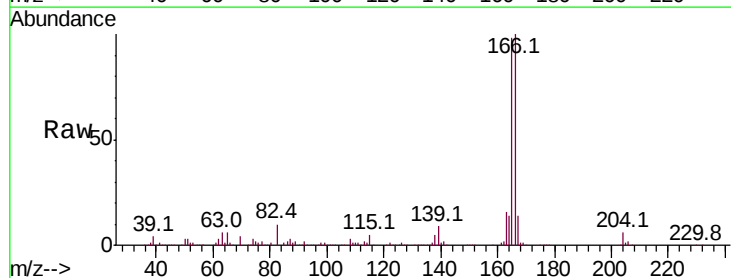


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

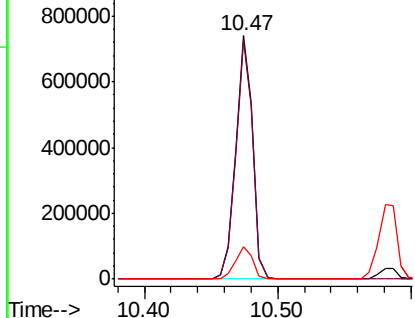
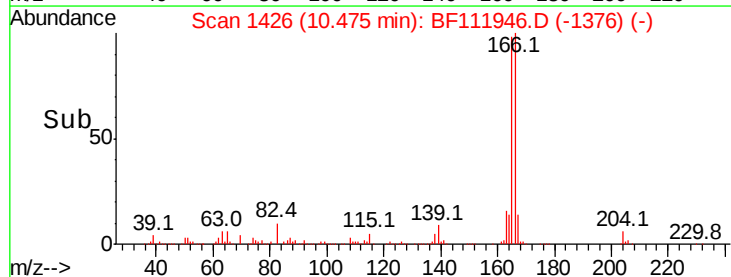


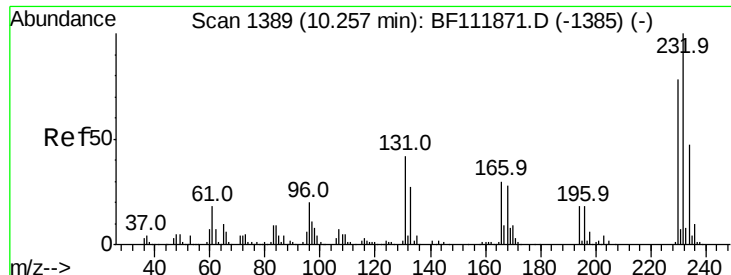
#58
Fluorene
Concen: 42.742 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion:166 Resp: 655548
Ion Ratio Lower Upper
166 100
165 98.2 79.7 119.5
167 13.5 11.1 16.7



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

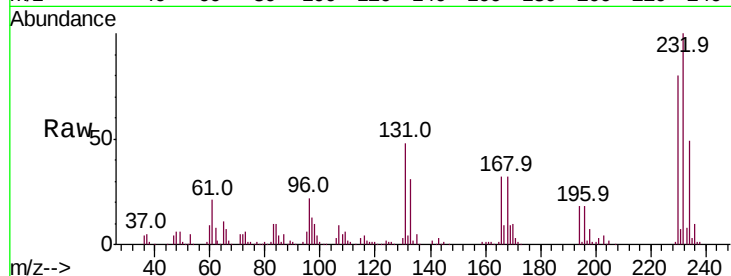




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.903 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.2	34.0	51.0
130	2.2	1.6	2.4
166	28.9	23.4	35.0



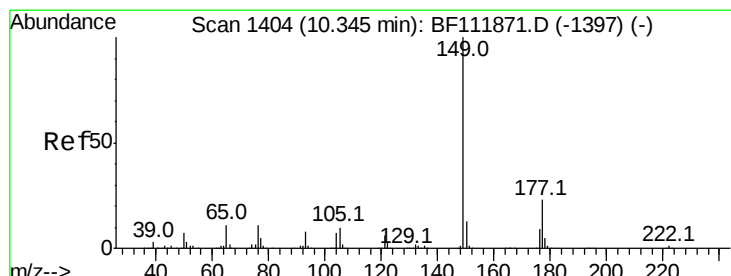
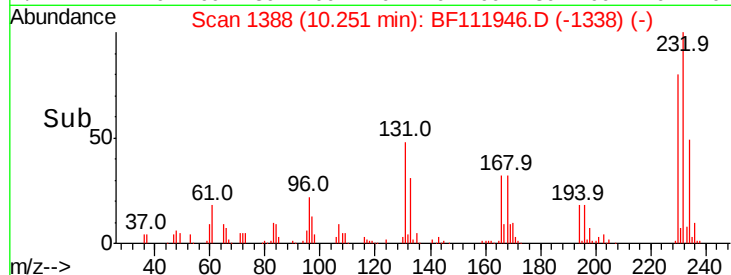
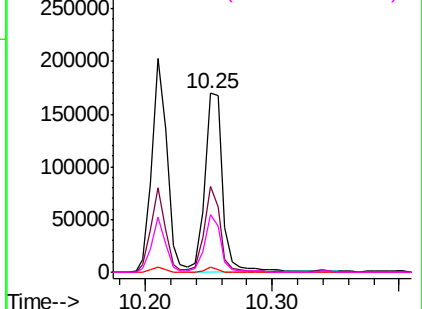
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

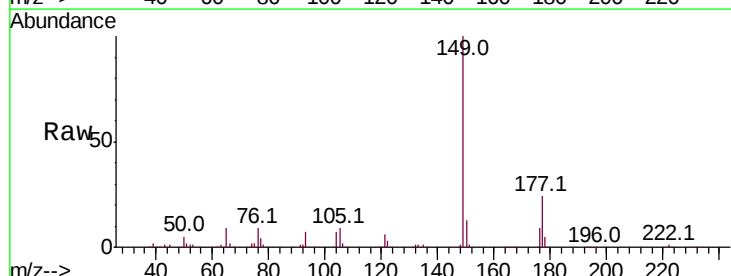
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.876 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.3	27.5
150	12.8	10.2	15.4

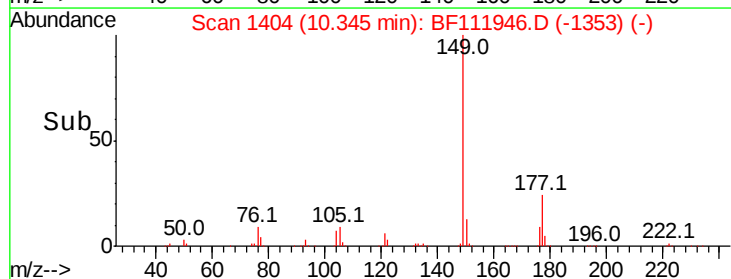
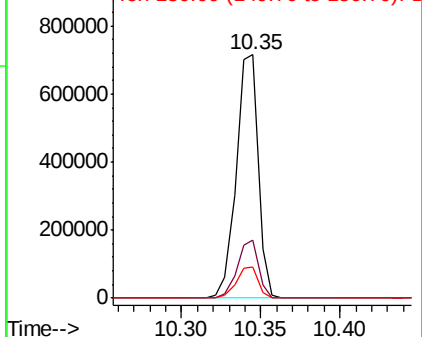


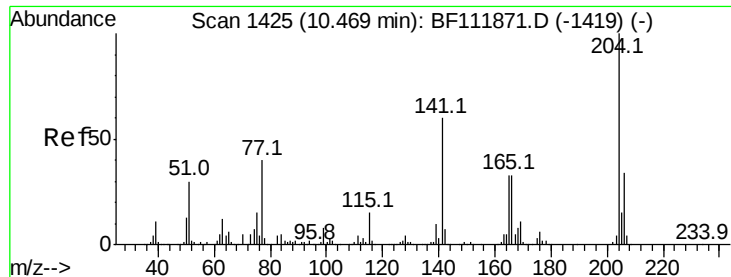
Abundance

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

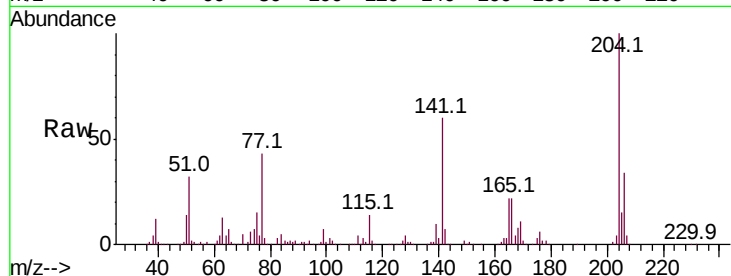




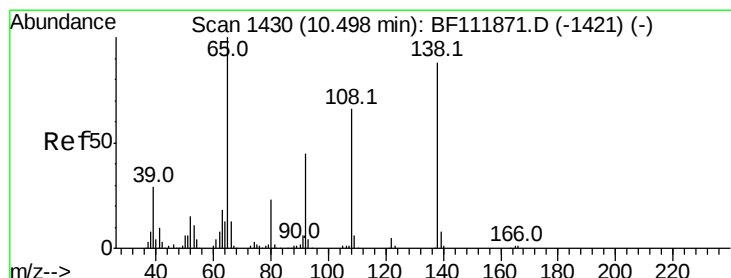
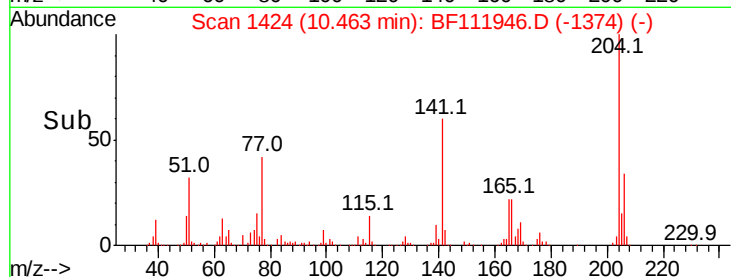
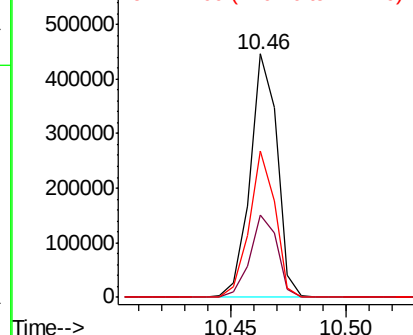
#61
4-Chlorophenyl-phenylether
Concen: 42.421 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 364845
Ion Ratio Lower Upper
204 100
206 33.8 26.9 40.3
141 60.4 47.9 71.9

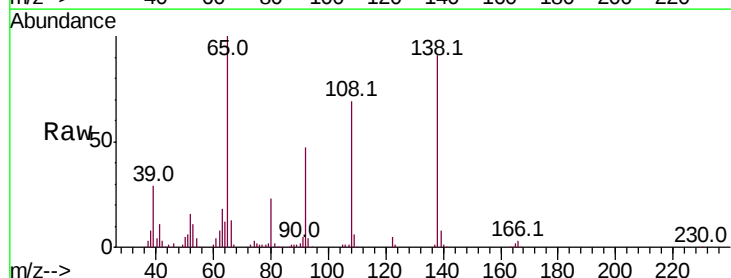


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

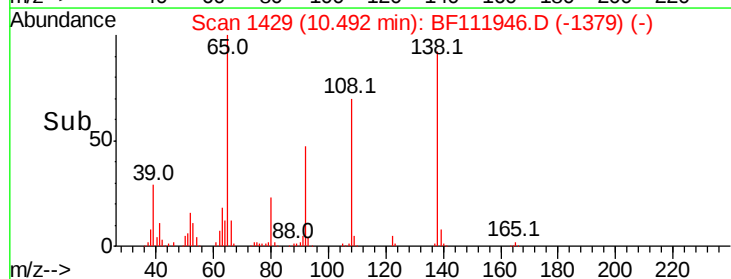
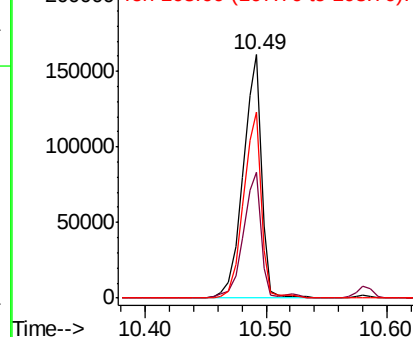


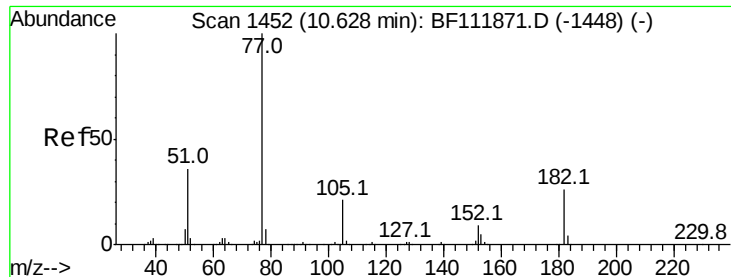
#62
4-Nitroaniline
Concen: 43.366 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion:138 Resp: 171397
Ion Ratio Lower Upper
138 100
92 51.4 31.0 71.0
108 76.3 54.7 94.7



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

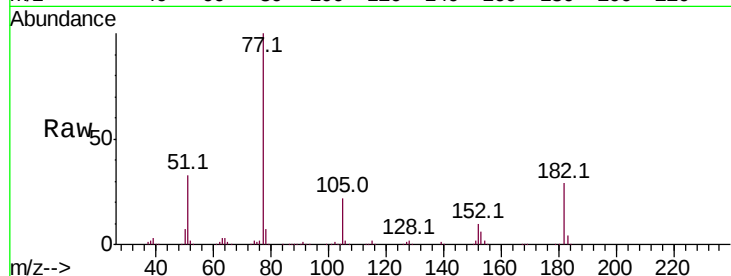




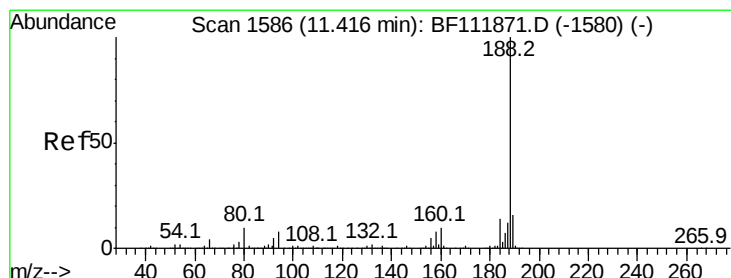
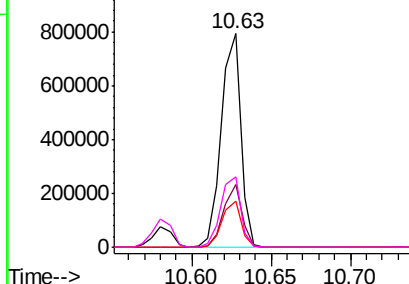
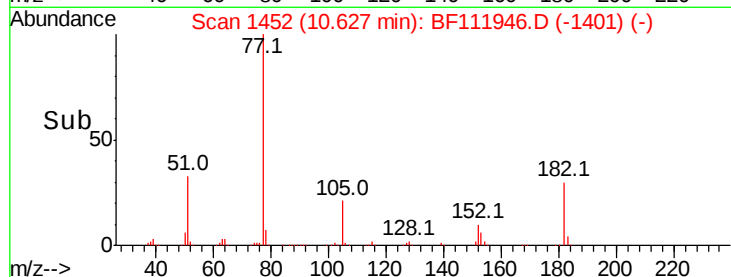
#63
Azobenzene
Concen: 42.254 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 679708
Ion Ratio Lower Upper
77 100
182 29.5 5.7 45.7
105 21.6 0.8 40.8
51 33.1 15.6 55.6

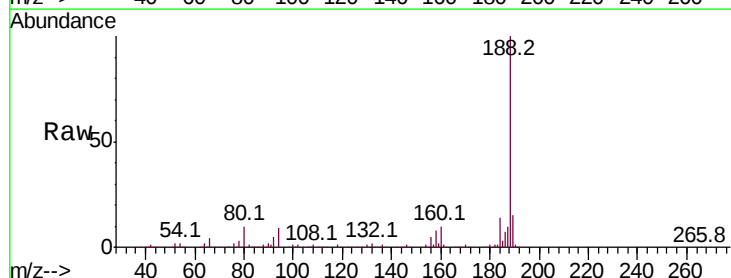


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

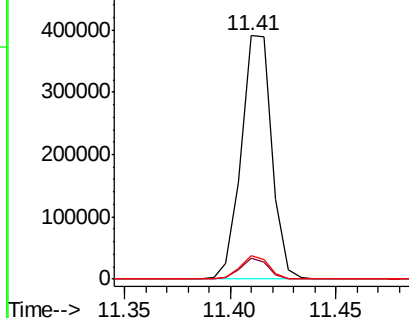
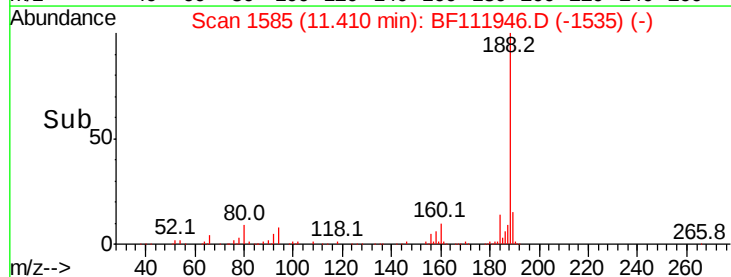


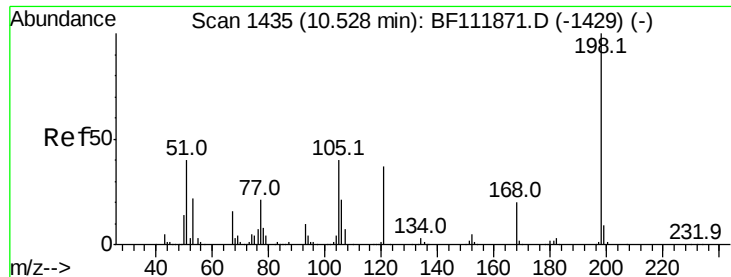
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion: 188 Resp: 391227
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.5 7.7 11.5



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





#65

4,6-Dinitro-2-methylphenol

Concen: 35.580 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampleId :

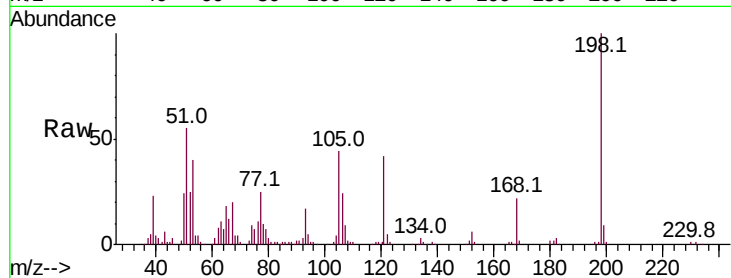
Tot Ion:198 Resp: 85890

Ion	Ratio	Lower	Upper
198	100		
51	54.6	27.2	67.2
105	43.7	21.0	61.0

198 100

51 54.6 27.2 67.2

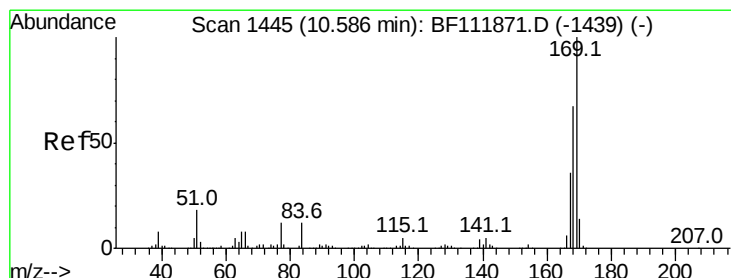
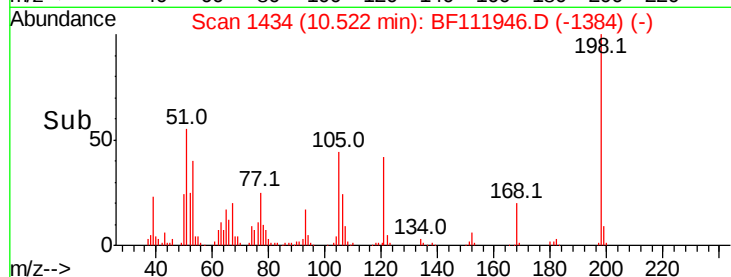
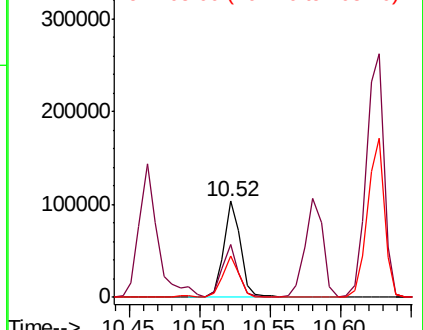
105 43.7 21.0 61.0



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: 46.013 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

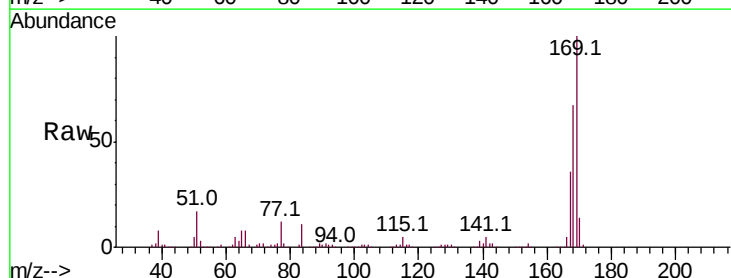
Tgt Ion:169 Resp: 604090

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.8	80.6
167	36.3	29.1	43.7

169 100

168 66.7 53.8 80.6

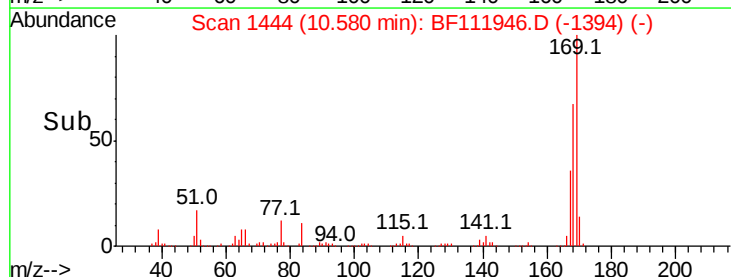
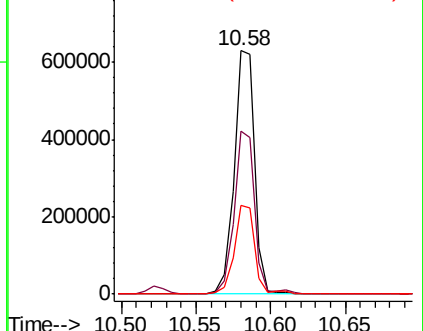
167 36.3 29.1 43.7

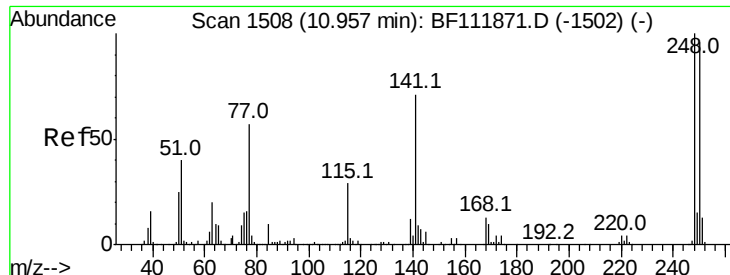


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

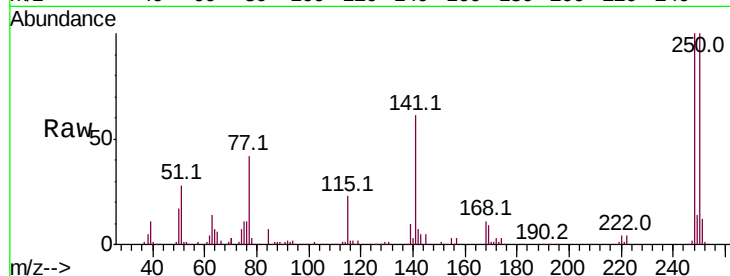




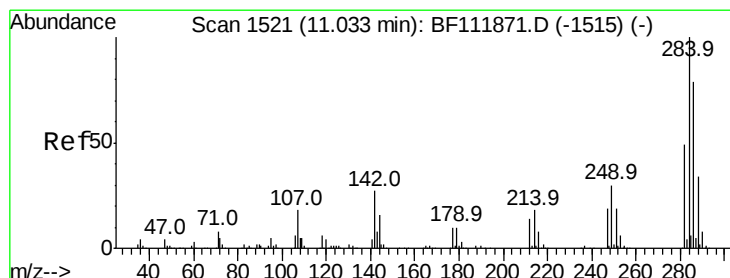
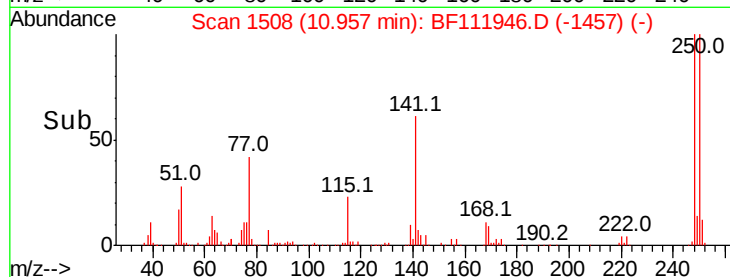
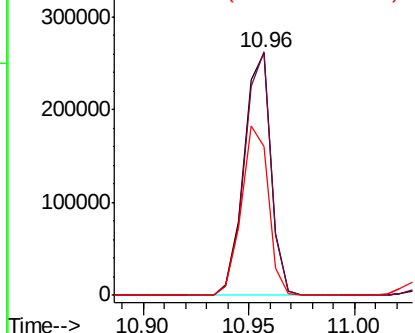
#67
4-Bromophenyl-phenylether
Concen: 45.796 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 232060
Ion Ratio Lower Upper
248 100
250 100.3 76.8 115.2
141 61.2 57.0 85.6

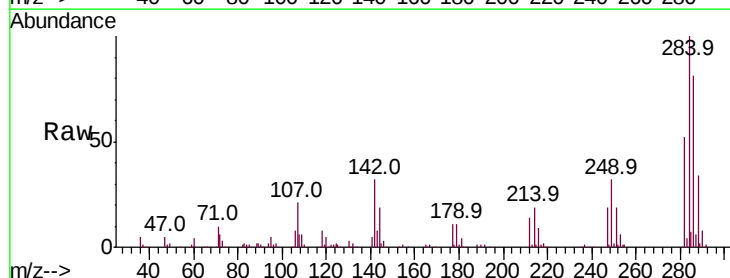


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

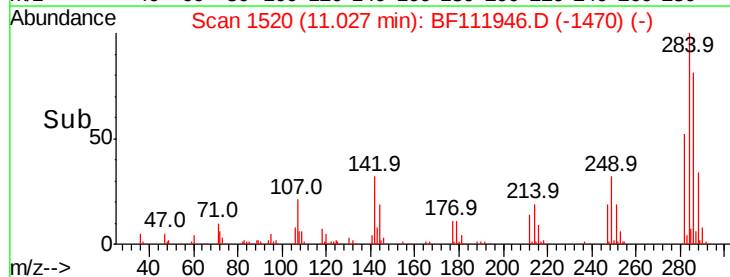
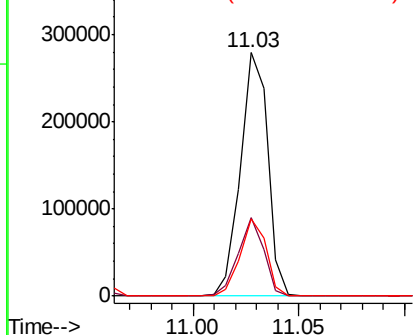


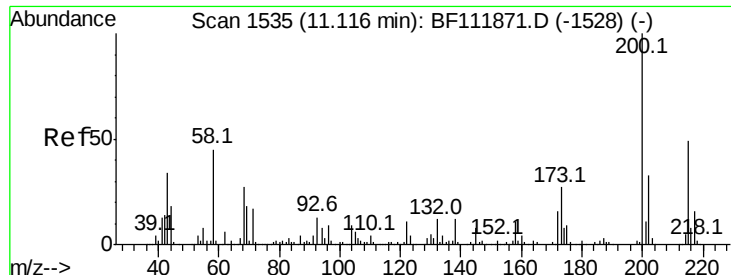
#68
Hexachlorobenzene
Concen: 44.524 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion:284 Resp: 250043
Ion Ratio Lower Upper
284 100
142 32.0 21.8 32.6
249 31.5 23.8 35.6



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: 46.100 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampleId :

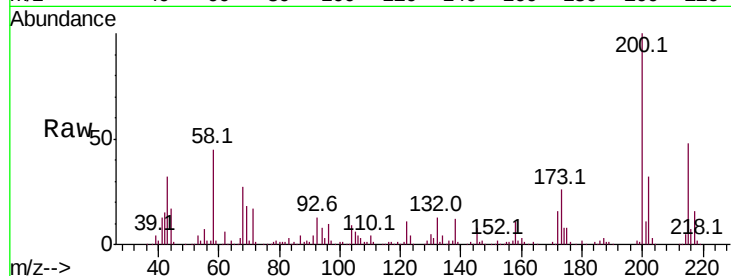
Tot Ion:200 Resp: 212644

Ion Ratio Lower Upper

200 100

173 25.7 6.6 46.6

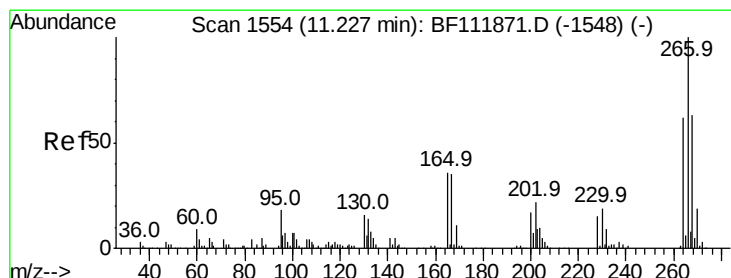
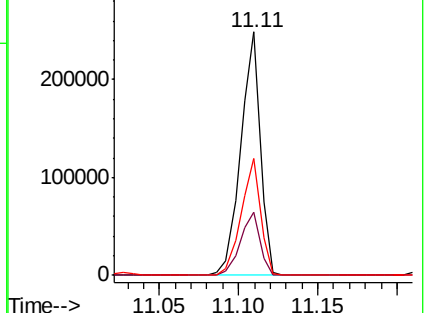
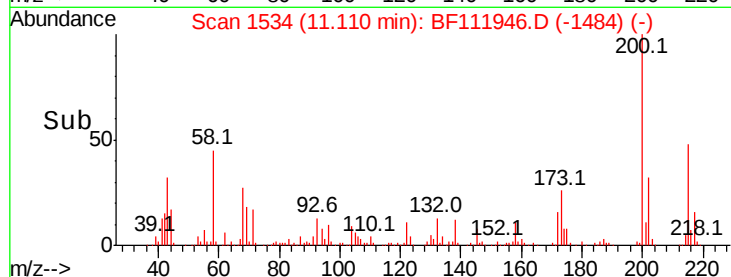
215 47.9 28.9 68.9



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: 39.362 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

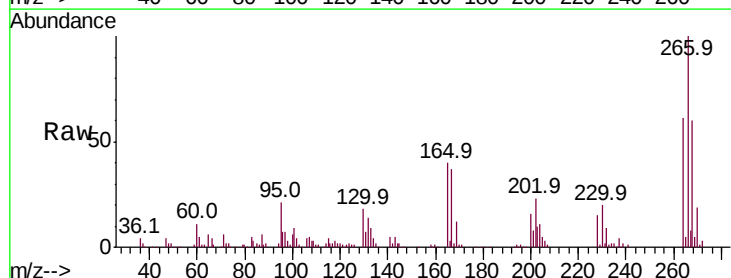
Tgt Ion:266 Resp: 125789

Ion Ratio Lower Upper

266 100

268 59.7 50.6 76.0

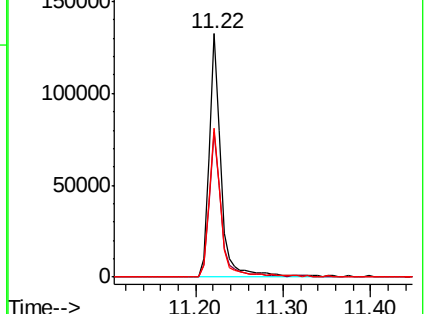
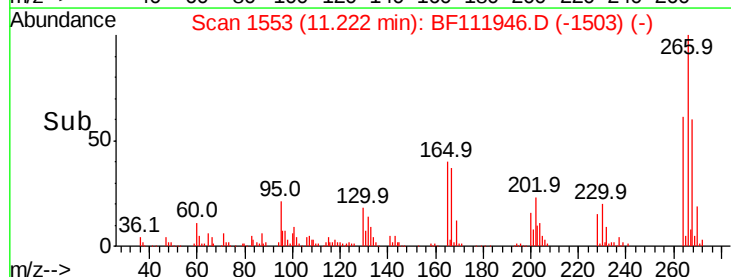
264 61.1 49.3 73.9

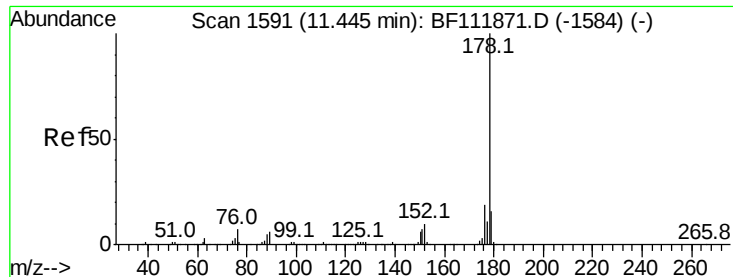


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.701 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampleId :

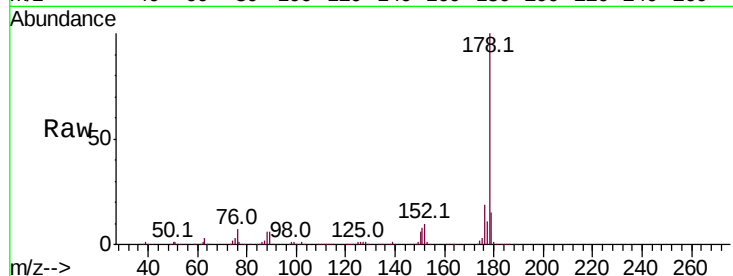
Tot Ion:178 Resp: 851335

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

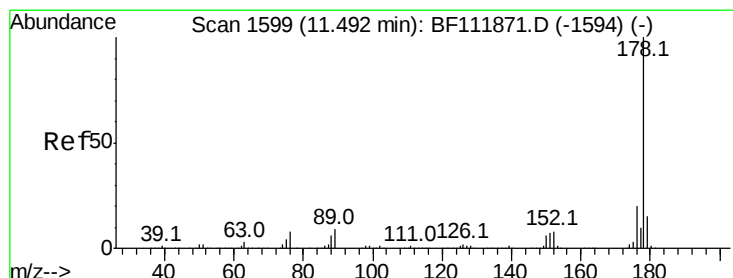
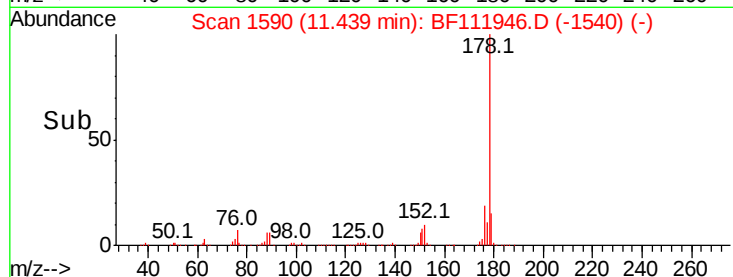
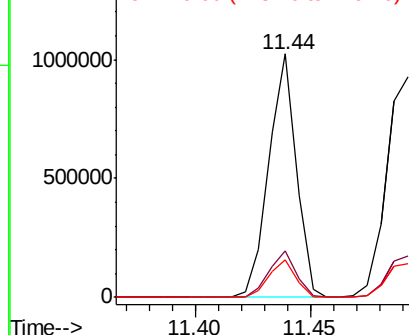
179 15.4 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.963 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

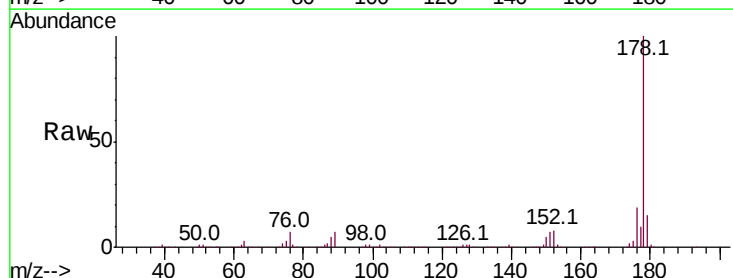
Tgt Ion:178 Resp: 848559

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

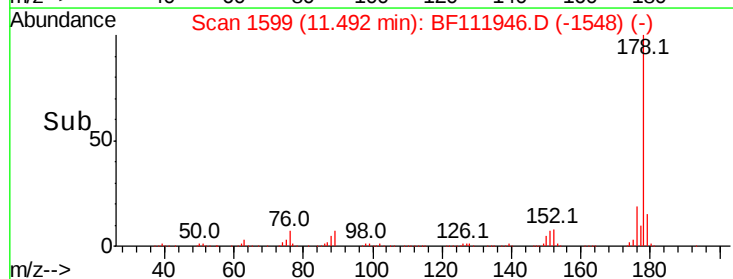
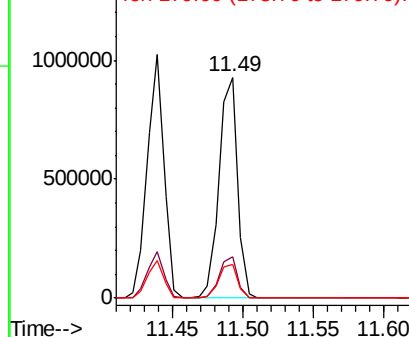
179 15.4 12.4 18.6

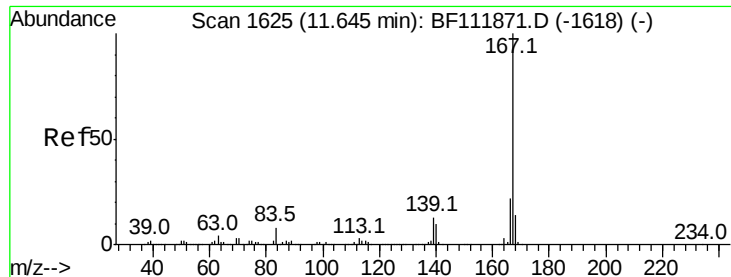


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

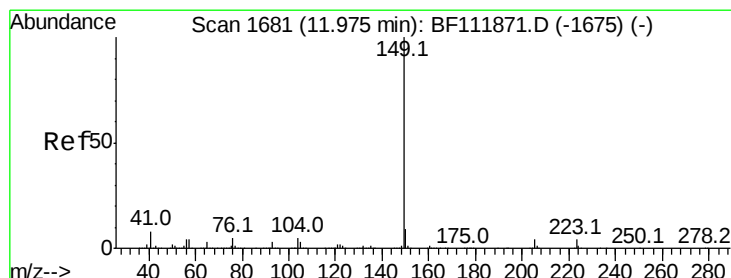
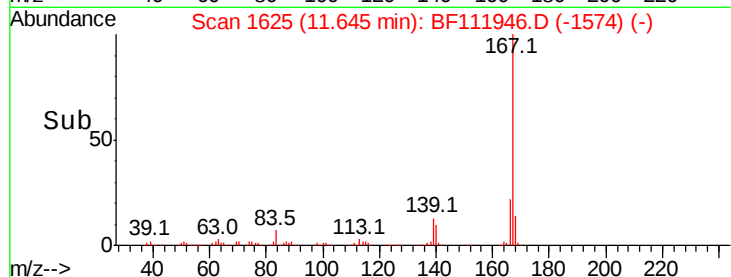
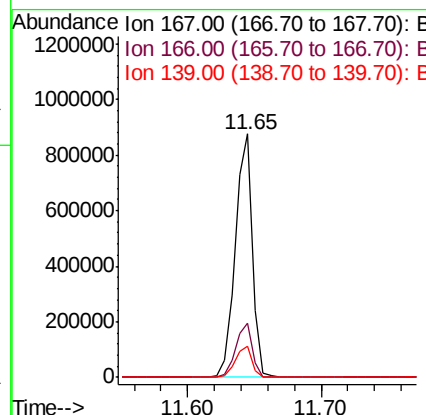
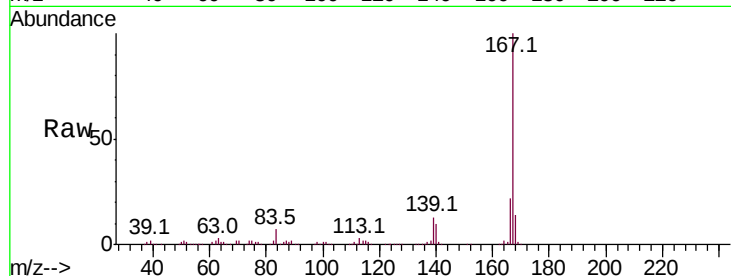




#73
 Carbazole
 Concen: 38.319 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

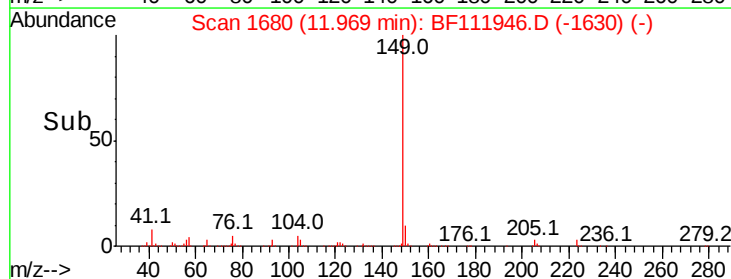
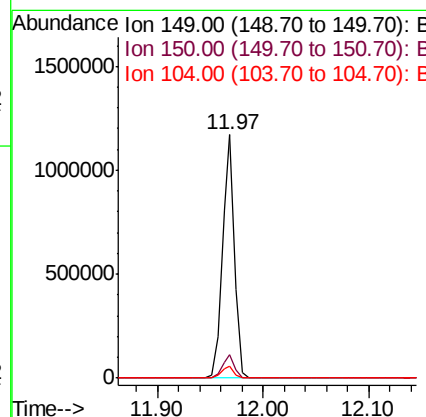
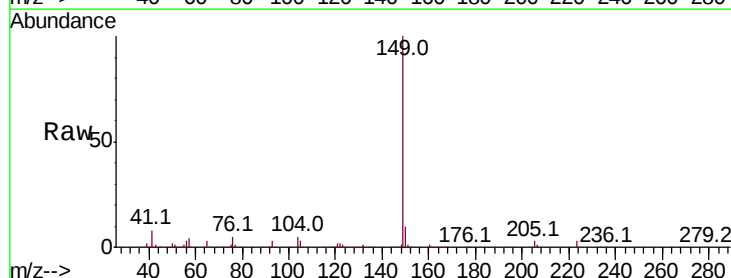
Instrument :
 BNA_F
 ClientSampled :

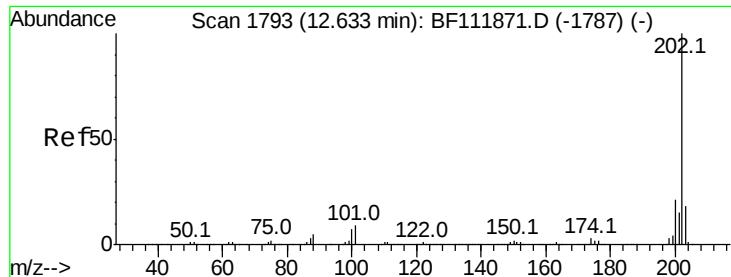
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	12.7	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 39.132 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	4.7	3.9	5.9





#75

Fluoranthene

Concen: 44.237 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampled :

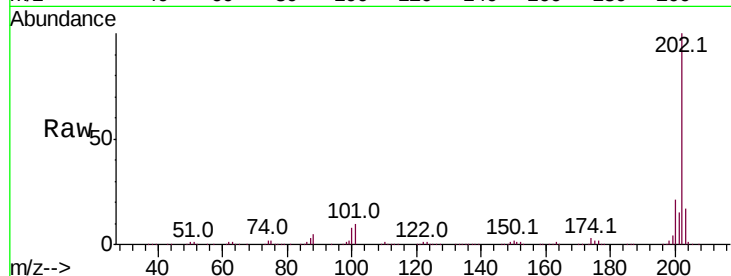
Tot Ion:202 Resp: 949912

Ion Ratio Lower Upper

202 100

101 10.4 0.0 29.3

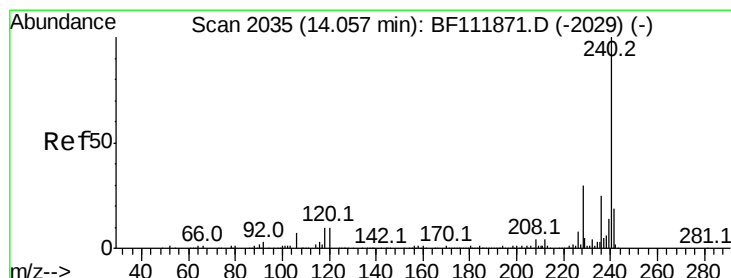
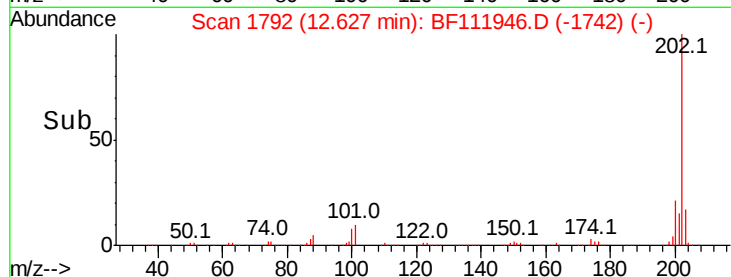
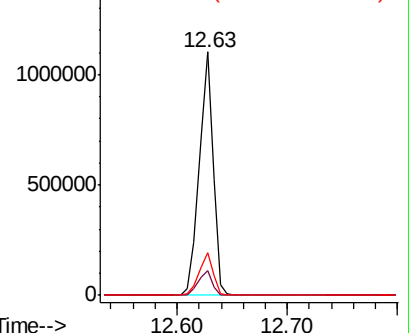
203 17.5 0.0 37.6



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: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

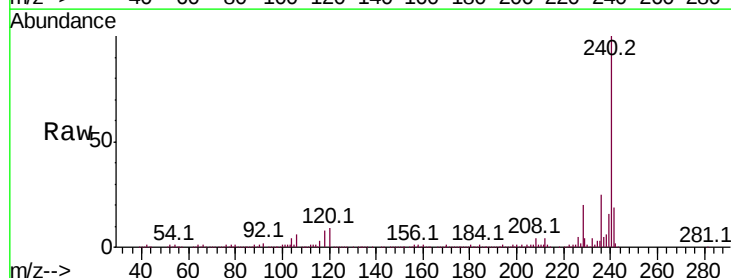
Tgt Ion:240 Resp: 327881

Ion Ratio Lower Upper

240 100

120 8.9 8.2 12.2

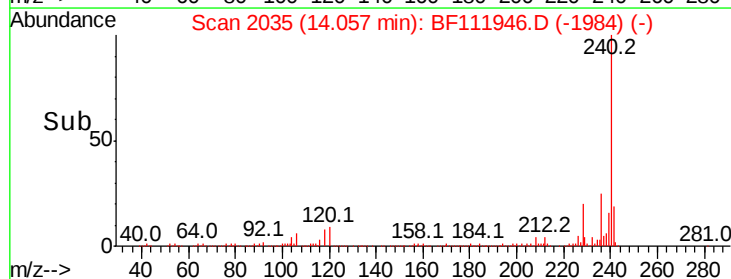
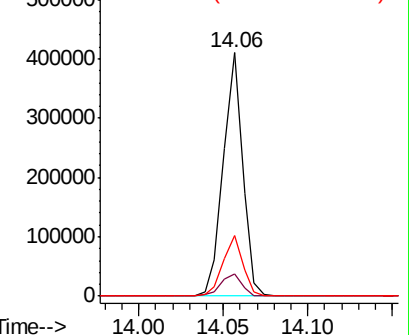
236 25.0 20.2 30.4

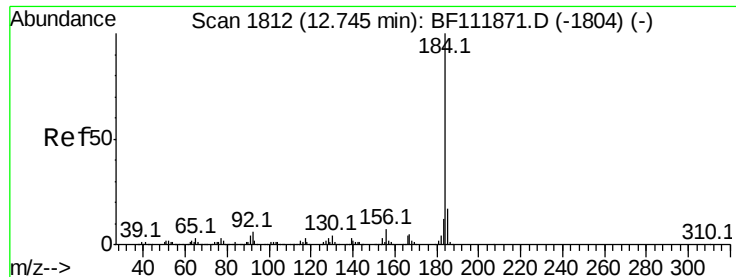


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.800 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampleId :

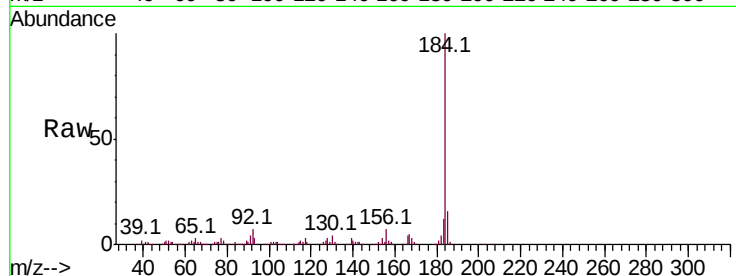
Tot Ion:184 Resp: 448716

Ion Ratio Lower Upper

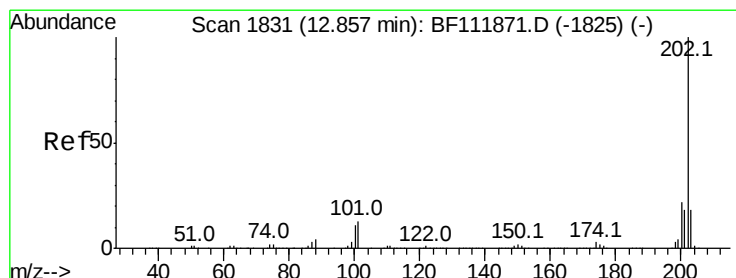
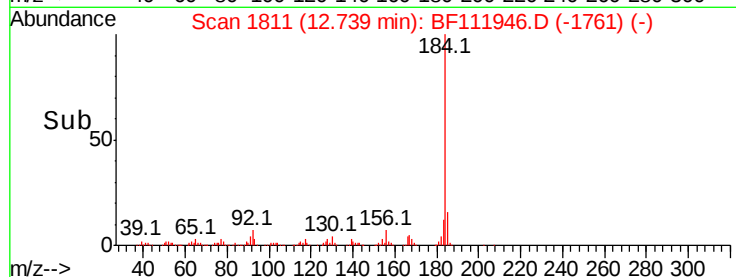
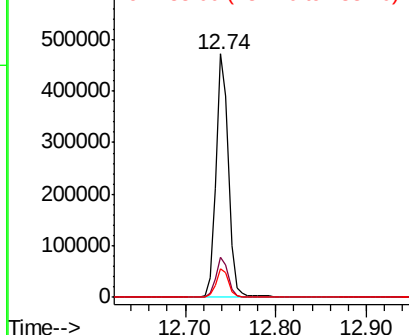
184 100

185 16.2 13.4 20.0

183 11.5 9.6 14.4



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: 42.178 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

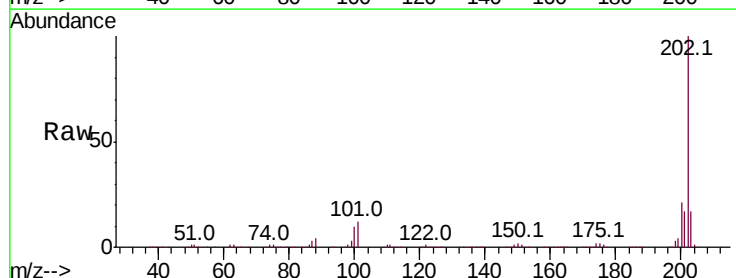
Tgt Ion:202 Resp: 951555

Ion Ratio Lower Upper

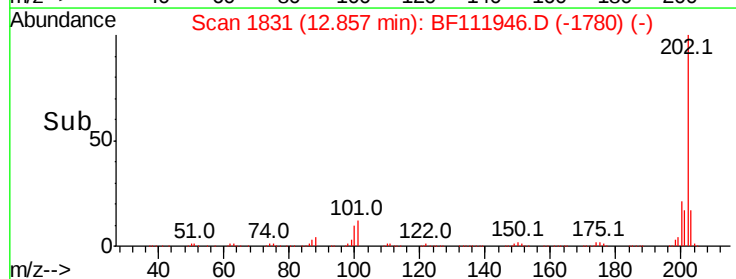
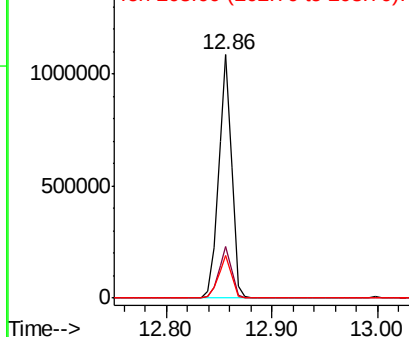
202 100

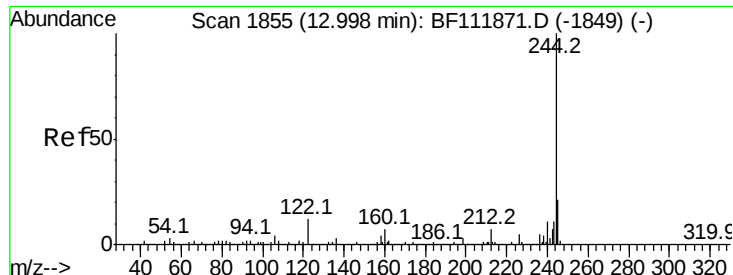
200 21.4 17.4 26.2

203 17.5 14.6 21.8



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: 83.583 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampleId :

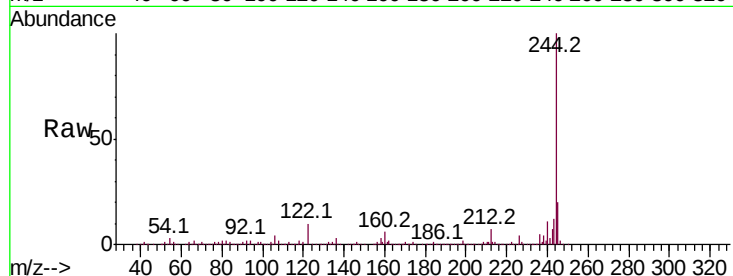
Tot Ion:244 Resp: 1443735

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

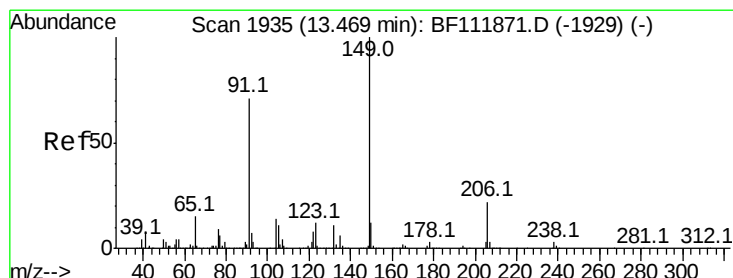
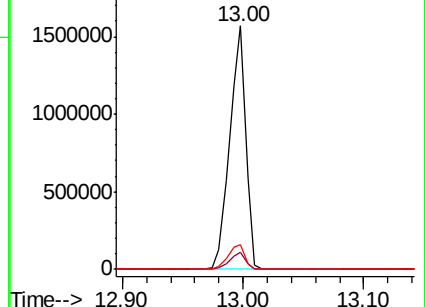
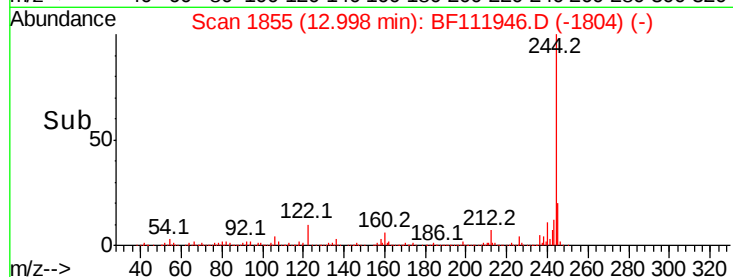
122 10.3 9.5 14.3



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: 43.219 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

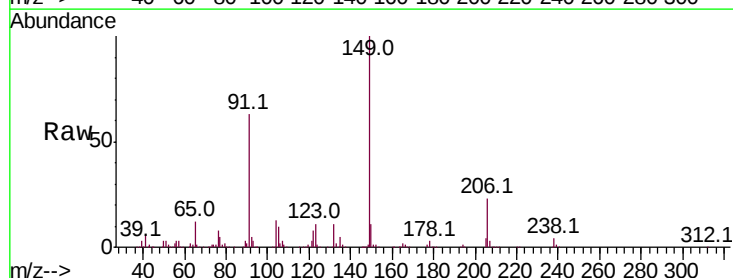
Tgt Ion:149 Resp: 412214

Ion Ratio Lower Upper

149 100

91 63.3 57.2 85.8

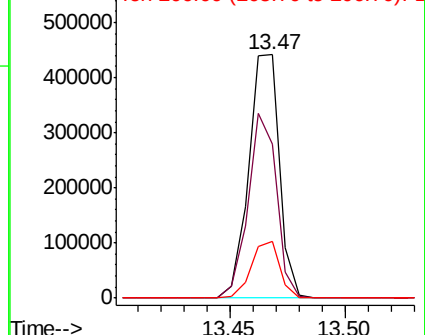
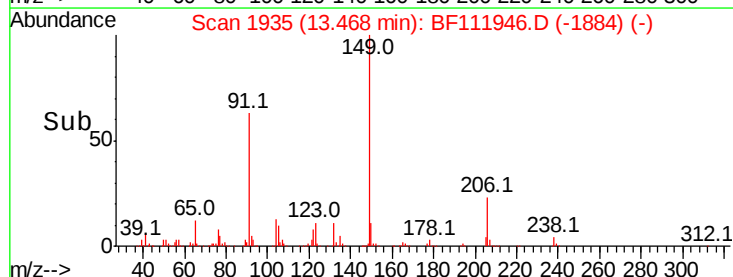
206 23.2 17.3 25.9

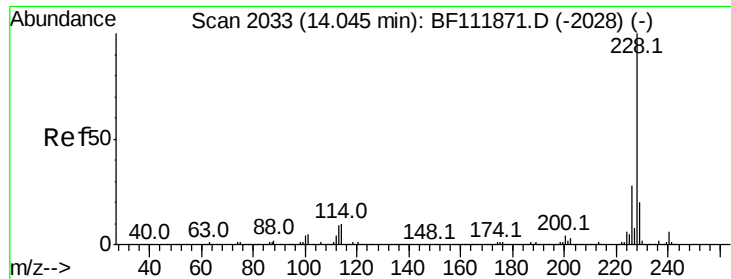


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

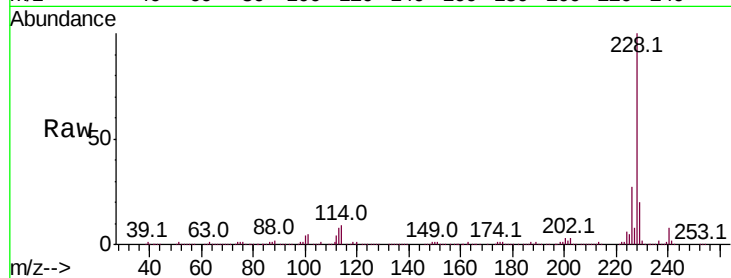




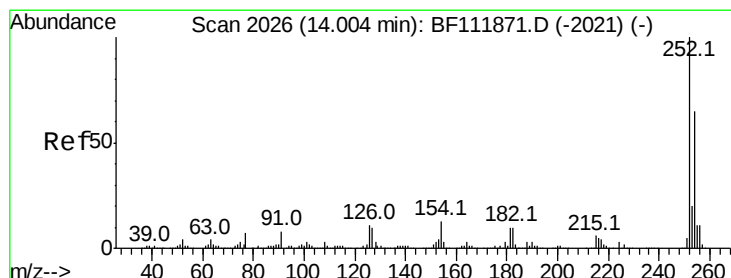
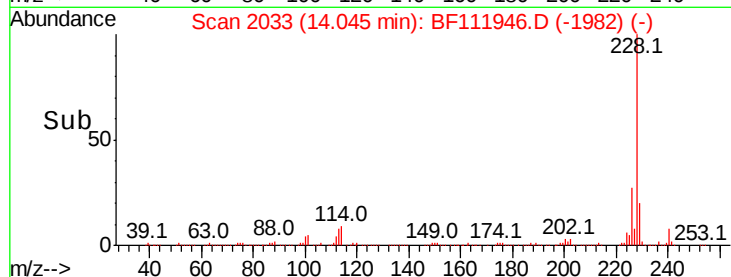
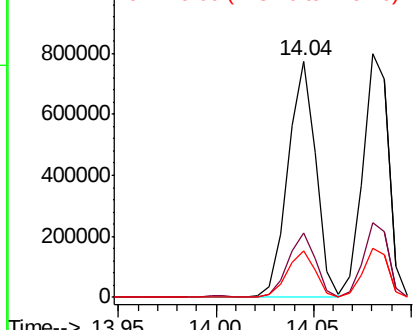
#81
Benzo(a)anthracene
Concen: 40.373 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 761846
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.2
229 19.7 16.2 24.2

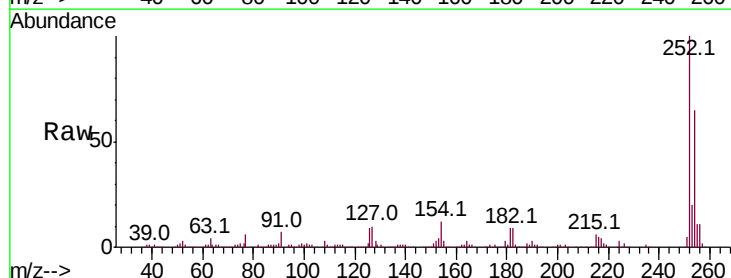


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

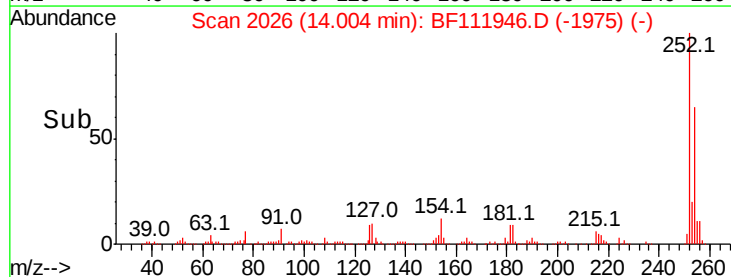
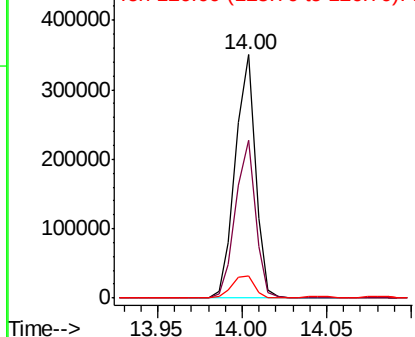


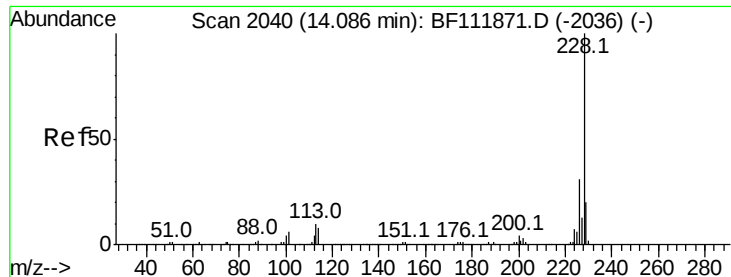
#82
3,3'-Dichlorobenzidine
Concen: 41.866 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion:252 Resp: 291659
Ion Ratio Lower Upper
252 100
254 64.9 52.1 78.1
126 9.3 8.6 12.8



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





#83

Chrysene

Concen: 40.348 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampled :

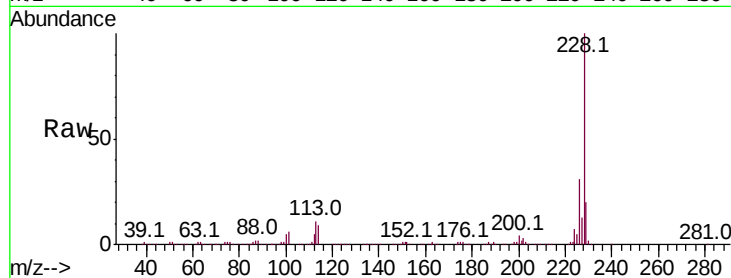
Tot Ion:228 Resp: 725948

Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

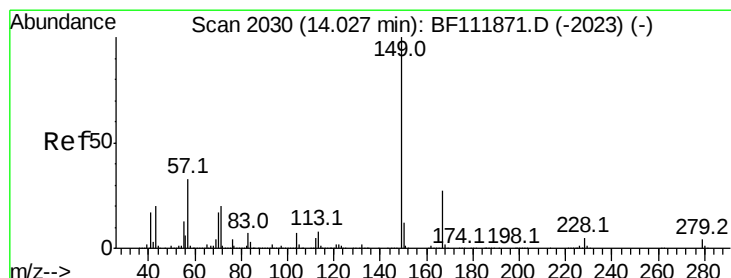
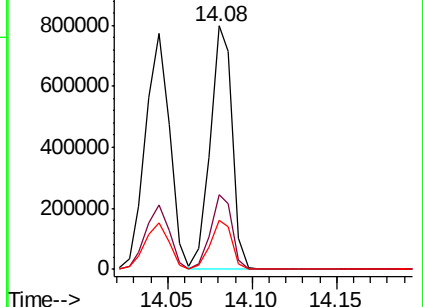
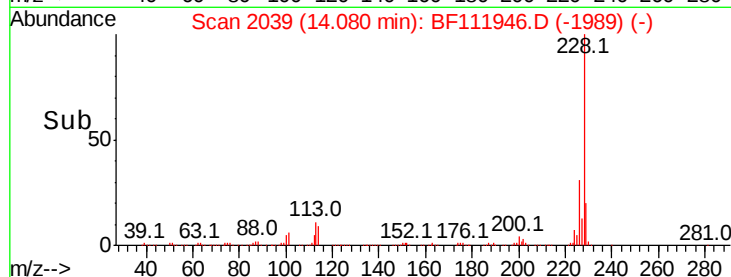
229 19.9 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.598 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

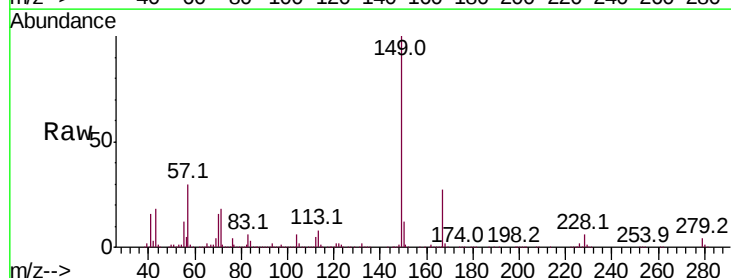
Tgt Ion:149 Resp: 546099

Ion Ratio Lower Upper

149 100

167 27.2 21.5 32.3

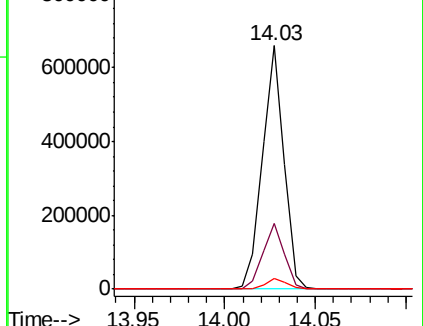
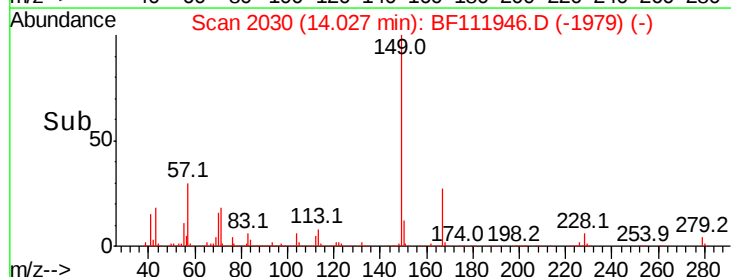
279 4.2 3.0 4.6

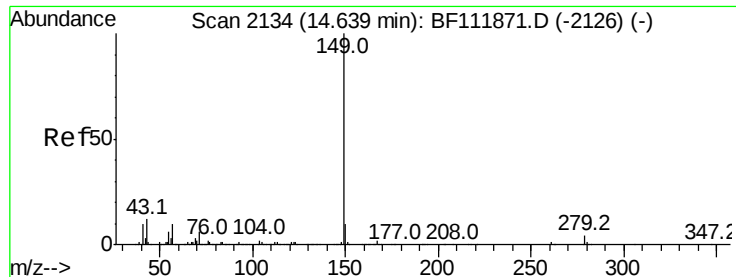


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.948 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampled :

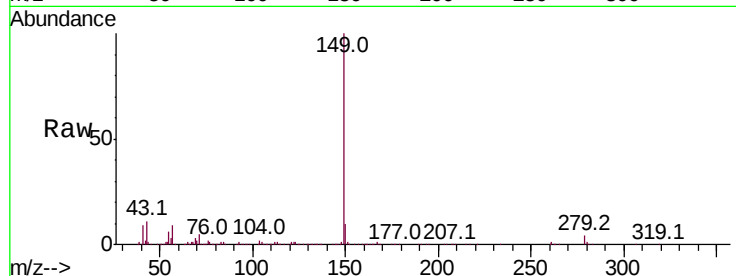
Tot Ion:149 Resp: 769854

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

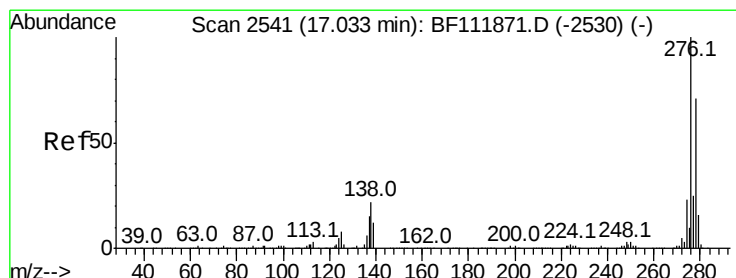
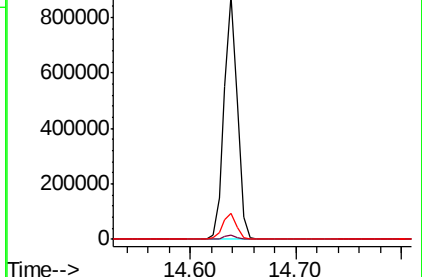
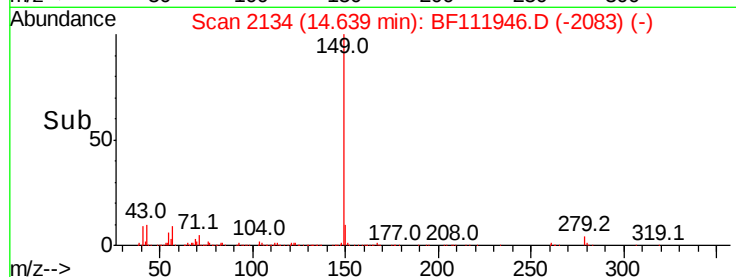
43 10.9 9.1 13.7



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: 38.337 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

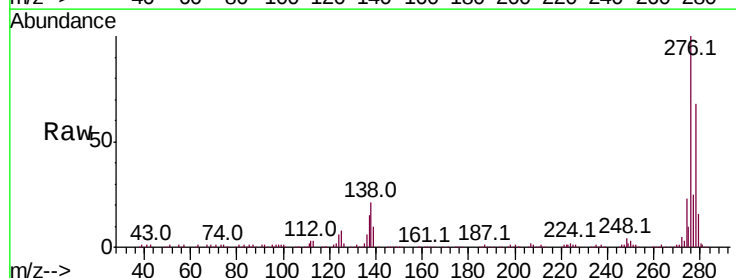
Tgt Ion:276 Resp: 502867

Ion Ratio Lower Upper

276 100

138 21.5 18.1 27.1

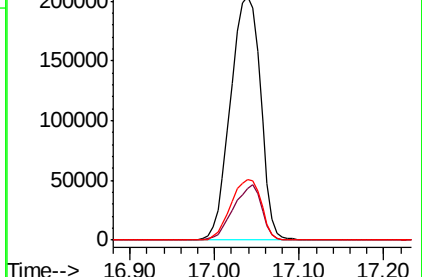
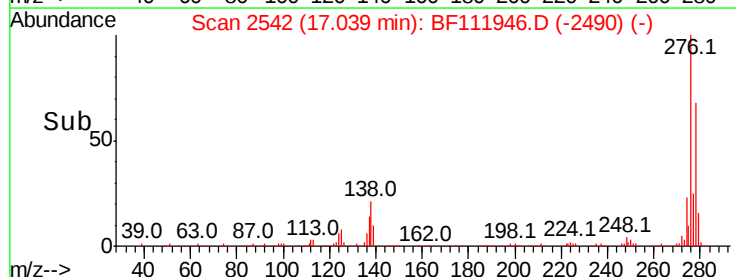
277 25.3 19.9 29.9

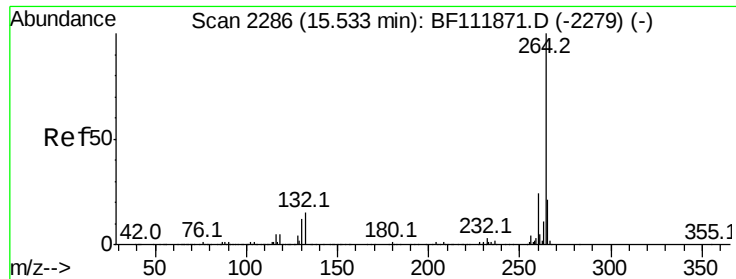


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

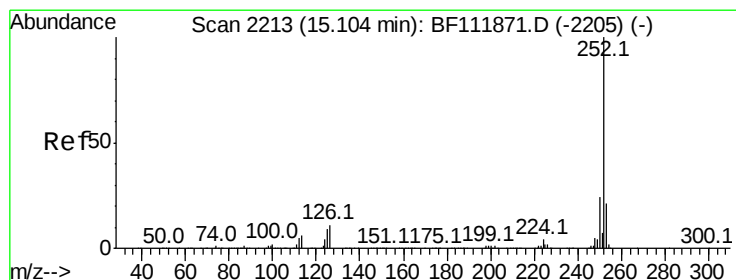
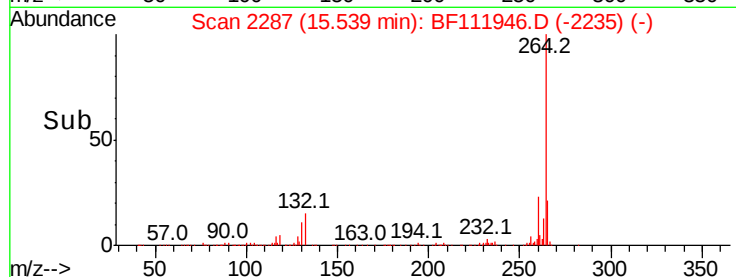
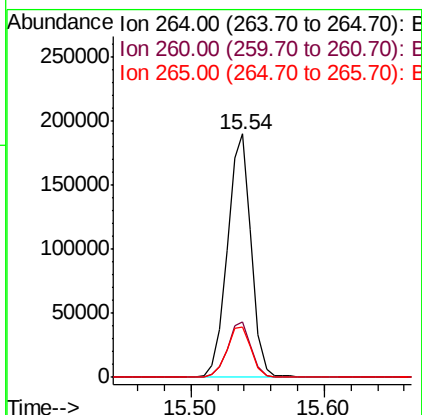
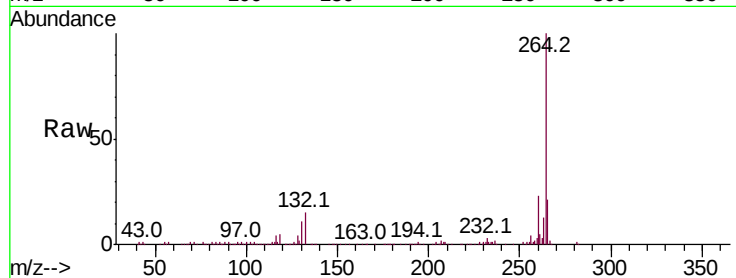




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

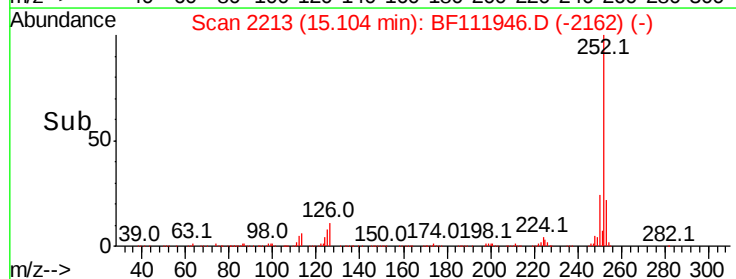
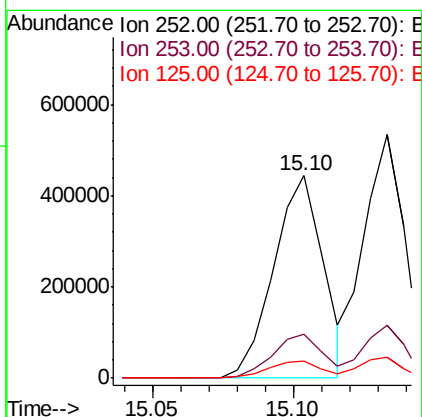
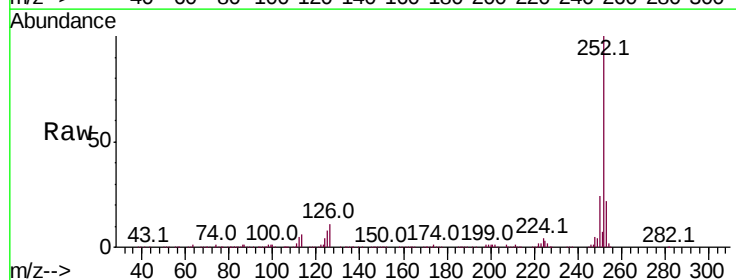
Instrument :
 BNA_F
 ClientSampleId :

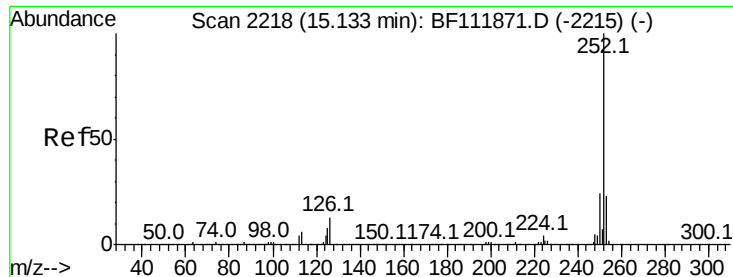
Tot Ion:264 Resp: 235499
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.9 17.1 25.7



#88
 Benzo(b)fluoranthene
 Concen: 38.446 ng
 RT: 15.10 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Tgt Ion:252 Resp: 541599
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.0 25.6
 125 8.2 7.1 10.7

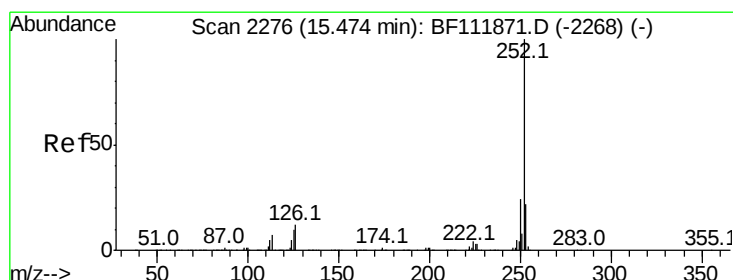
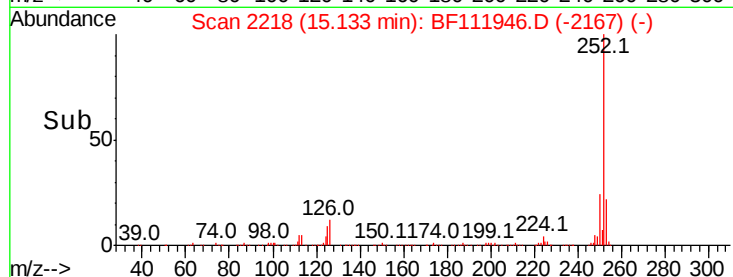
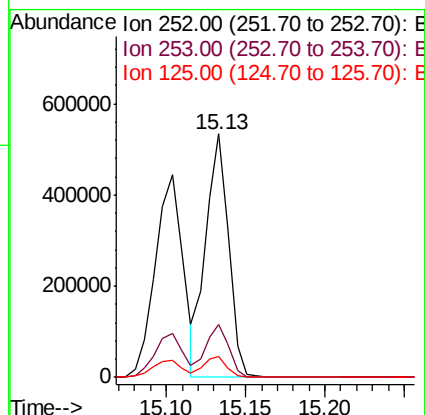
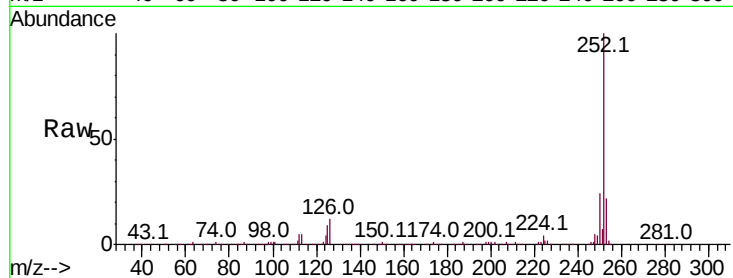




#89
Benzo(k)fluoranthene
Concen: 40.809 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

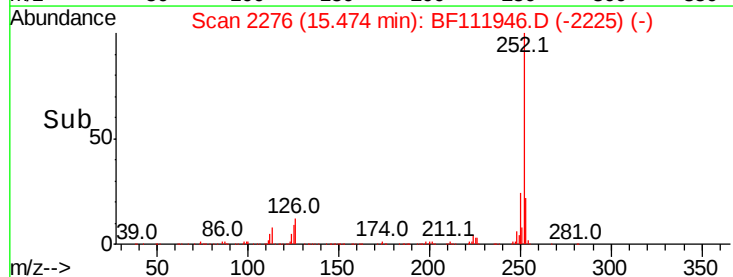
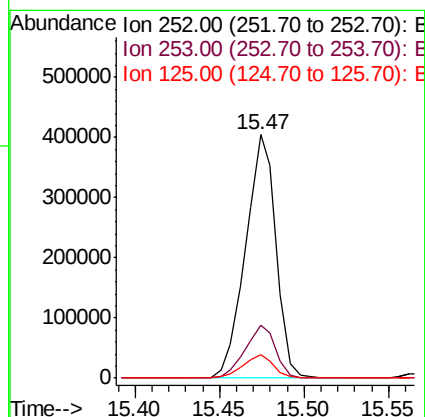
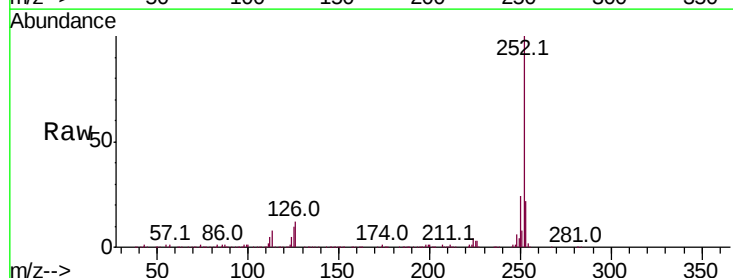
Instrument :
BNA_F
ClientSampleId :

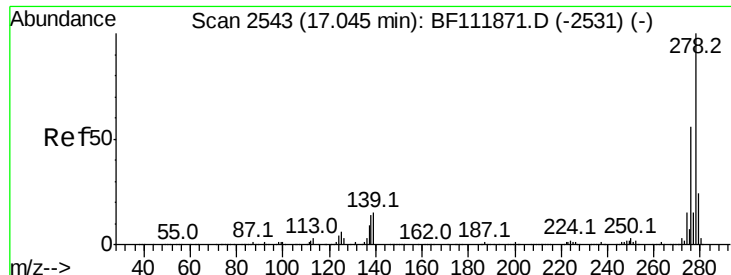
Tot Ion:252 Resp: 540390
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 8.7 7.0 10.4



#90
Benzo(a)pyrene
Concen: 41.002 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion:252 Resp: 507875
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.6 7.9 11.9

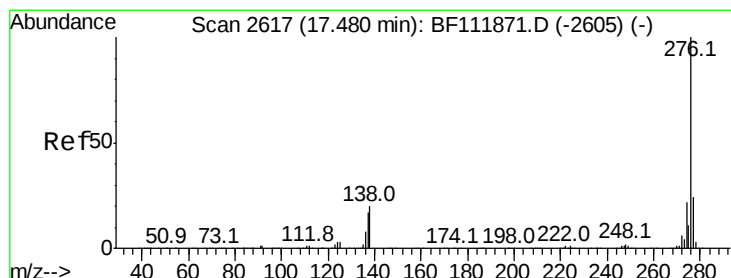
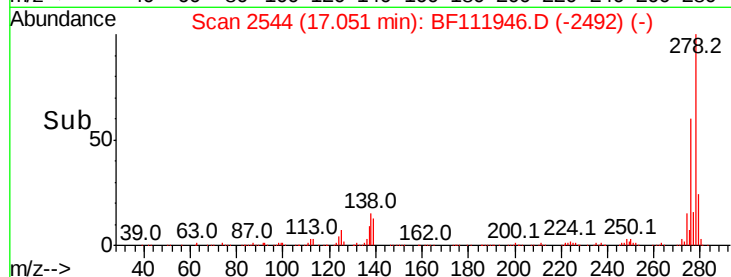
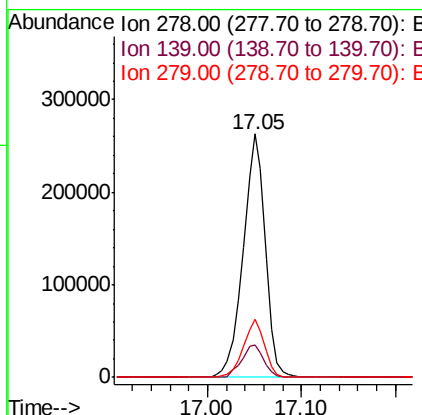
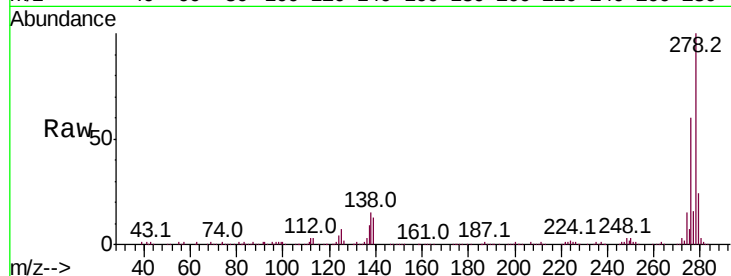




#91
Dibenzo(a,h)anthracene
Concen: 42.789 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.1	11.8	17.6
279	23.6	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 39.946 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.6
138	17.5	16.2	24.2

