

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111878.D
 Acq On : 7 Jan 2019 15:58
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 07 17:00:59 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	199231	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	769791	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	401983	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	758274	20.00	ng	0.00
76) Chrysene-d12	14.06	240	572937	20.00	ng	0.00
87) Perylene-d12	15.54	264	427594	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	855743	73.48	ng	0.00
7) Phenol-d6	6.53	99	1110834	74.01	ng	0.00
23) Nitrobenzene-d5	7.46	82	1086217	75.41	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	388285	74.26	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2043125	74.11	ng	0.00
79) Terphenyl-d14	13.00	244	2283244	75.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.68	88	187275	36.779	ng	97
3) Pyridine	3.44	79	500024	37.886	ng	99
4) n-Nitrosodimethylamine	3.39	42	244545	37.241	ng	100
6) Aniline	6.55	93	688316	37.927	ng	87
8) 2-Chlorophenol	6.68	128	497031	38.437	ng	99
9) Benzaldehyde	6.44	77	322515	37.846	ng	99
10) Phenol	6.55	94	613730	37.621	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	479752	38.014	ng	99
12) 1,3-Dichlorobenzene	6.83	146	580009	38.691	ng	99
13) 1,4-Dichlorobenzene	6.91	146	578292	38.015	ng	99
14) 1,2-Dichlorobenzene	7.06	146	558136	38.383	ng	97
15) Benzyl Alcohol	7.03	79	452756	38.124	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	819948	38.106	ng	98
17) 2-Methylphenol	7.15	107	396987	38.198	ng	99
18) Hexachloroethane	7.40	117	205174	38.630	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	372884	38.236	ng	99
20) 3+4-Methylphenols	7.30	107	494427	38.226	ng	98
22) Acetophenone	7.30	105	725668	37.235	ng	98
24) Nitrobenzene	7.47	77	552563	37.924	ng	99
25) Isophorone	7.71	82	876329	37.573	ng	100
26) 2-Nitrophenol	7.79	139	279219	38.920	ng	100
27) 2,4-Dimethylphenol	7.83	122	394178	38.001	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	588106	37.776	ng	99
29) 2,4-Dichlorophenol	8.03	162	453331	38.006	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	503771	38.285	ng	98
31) Naphthalene	8.20	128	1389551	38.026	ng	100
32) Benzoic acid	7.96	122	230192	34.197	ng	96
33) 4-Chloroaniline	8.24	127	609522	38.586	ng	96
34) Hexachlorobutadiene	8.32	225	315863	38.559	ng	99
35) Caprolactam	8.62	113	150794	38.694	ng	98
36) 4-Chloro-3-methylphenol	8.73	107	452632	38.167	ng	99
37) 2-Methylnaphthalene	8.89	142	926644	40.924	ng	100
38) 1-Methylnaphthalene	8.99	142	885588	40.777	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	508471	39.677	ng	100

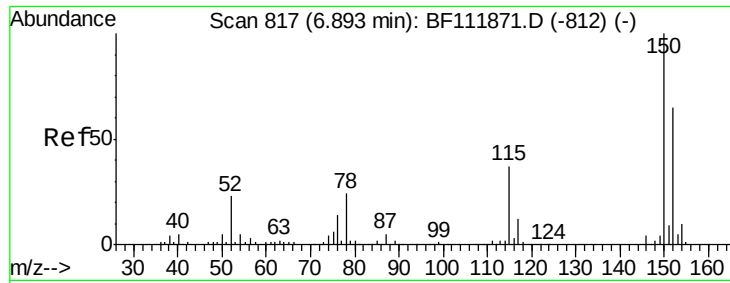
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111878.D
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 Sample : SSTDC0040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	293712	39.638	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	335998	38.655	ng	99
44) 2,4,5-Trichlorophenol	9.22	196	346322	38.028	ng	99
46) 1,1'-Biphenyl	9.35	154	1271689	37.819	ng	100
47) 2-Chloronaphthalene	9.37	162	1006031	38.122	ng	97
48) 2-Nitroaniline	9.47	65	306580	37.998	ng	98
49) Acenaphthylene	9.79	152	1474676	37.797	ng	99
50) Dimethylphthalate	9.65	163	1123530	37.206	ng	99
51) 2,6-Dinitrotoluene	9.71	165	259304	38.400	ng	98
52) Acenaphthene	9.97	154	938837	37.326	ng	99
53) 3-Nitroaniline	9.88	138	275216	38.058	ng	99
54) 2,4-Dinitrophenol	9.99	184	111440	38.974	ng	99
55) Dibenzofuran	10.14	168	1369675	37.443	ng	100
56) 4-Nitrophenol	10.05	139	202112	39.555	ng	95
57) 2,4-Dinitrotoluene	10.12	165	339297	38.885	ng	98
58) Fluorene	10.48	166	998164	37.501	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	298205	38.863	ng	98
60) Diethylphthalate	10.35	149	1097986	37.573	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	562055	37.656	ng	98
62) 4-Nitroaniline	10.50	138	265890	38.764	ng	99
63) Azobenzene	10.63	77	1062947	38.076	ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	179757	38.420	ng	95
66) n-Nitrosodiphenylamine	10.59	169	947181	37.223	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	364291	37.092	ng	99
68) Hexachlorobenzene	11.03	284	398662	36.626	ng	98
69) Atrazine	11.12	200	327855	36.672	ng	99
70) Pentachlorophenol	11.23	266	238768	38.549	ng	99
71) Phenanthrene	11.45	178	1500126	37.003	ng	99
72) Anthracene	11.49	178	1509991	36.691	ng	99
73) Carbazole	11.65	167	1438112	35.924	ng	100
74) Di-n-butylphthalate	11.97	149	1672637	35.971	ng	99
75) Fluoranthene	12.63	202	1494623	35.912	ng	97
77) Benzidine	12.74	184	651113	38.033	ng	100
78) Pyrene	12.86	202	1544341	39.175	ng	99
80) Butylbenzylphthalate	13.47	149	654764	39.287	ng	100
81) Benzo(a)anthracene	14.04	228	1241568	37.654	ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	456094	37.467	ng	100
83) Chrysene	14.09	228	1191210	37.889	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	844766	38.596	ng	98
85) Di-n-octyl phthalate	14.64	149	1173028	37.450	ng	100
86) Indeno(1,2,3-cd)pyrene	17.04	276	894741	39.037	ng	99
88) Benzo(b)fluoranthene	15.10	252	990632	38.729	ng	99
89) Benzo(k)fluoranthene	15.13	252	880448	36.619	ng	99
90) Benzo(a)pyrene	15.48	252	855070	38.020	ng	99
91) Dibenzo(a,h)anthracene	17.05	278	752671	41.610	ng	99
92) Benzo(g,h,i)perylene	17.49	276	755146	42.682	ng	98

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

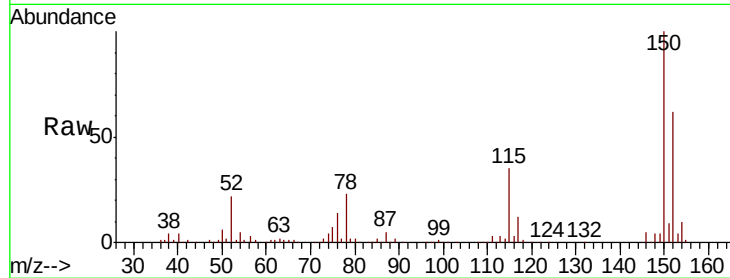


#1

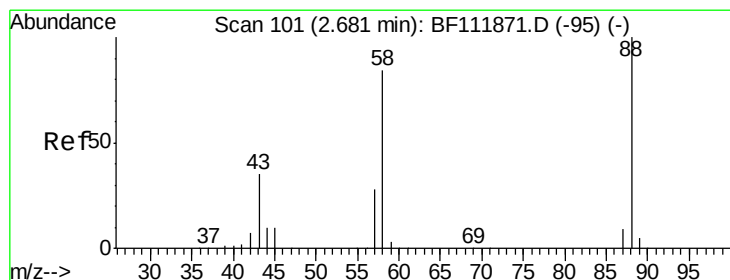
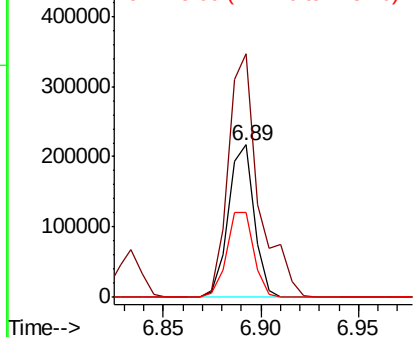
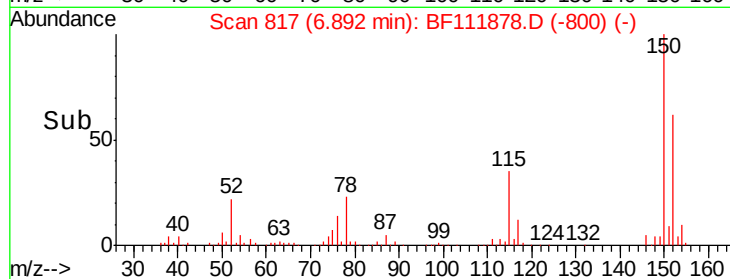
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	122.7	184.1
115	56.2	45.2	67.8



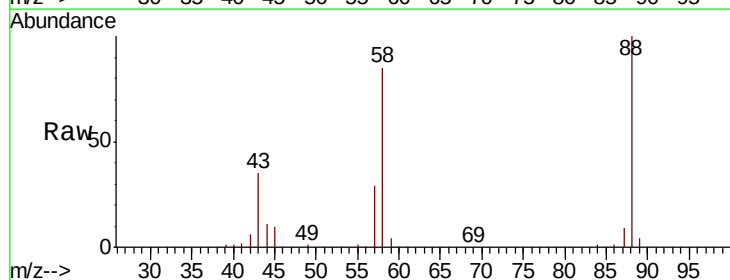
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



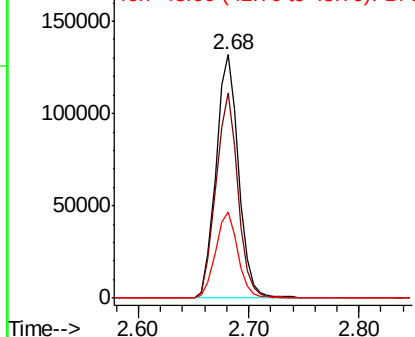
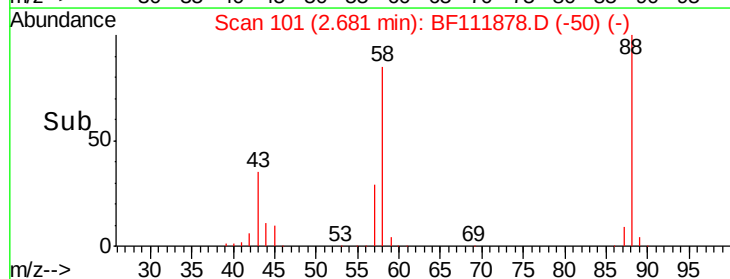
#2

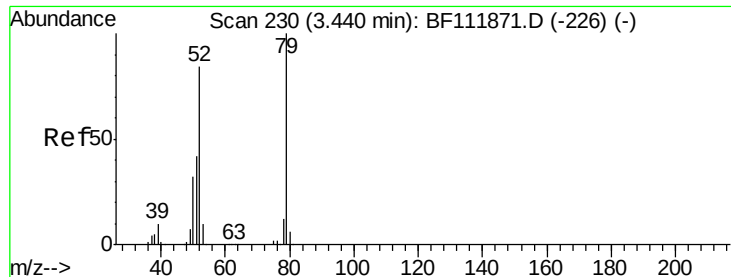
1,4-Dioxane
Concen: 36.779 ng
RT: 2.68 min Scan# 101
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	67.6	101.4
43	35.1	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: 37.886 ng

RT: 3.44 min Scan# 230

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

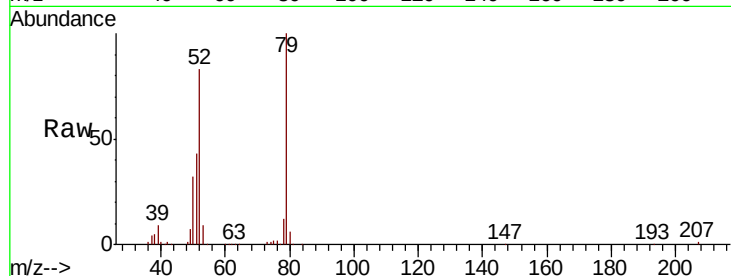
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 500024

Ion	Ratio	Lower	Upper
79	100		
52	82.9	67.0	100.6
51	43.0	34.2	51.2



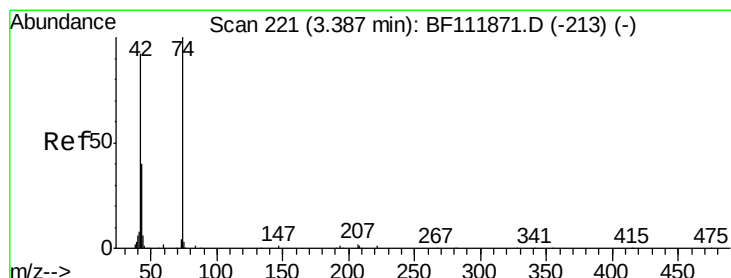
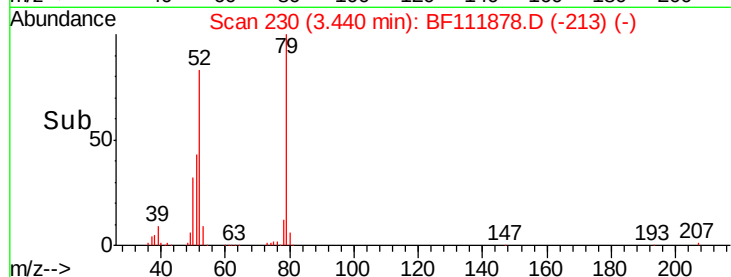
Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

3.44

Time--> 3.30 3.40 3.50 3.60 3.70



#4

n-Nitrosodimethylamine

Concen: 37.241 ng

RT: 3.39 min Scan# 221

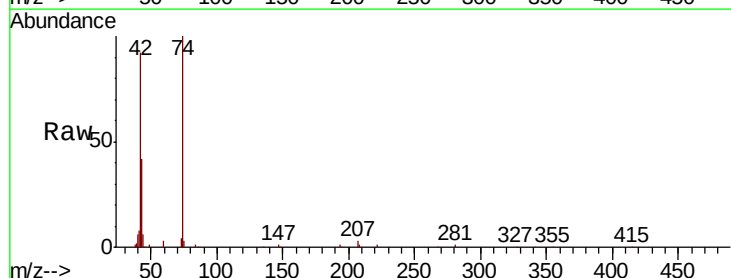
Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

Tgt Ion: 42 Resp: 244545

Ion	Ratio	Lower	Upper
42	100		
74	108.8	87.0	130.6
44	6.5	5.5	8.3



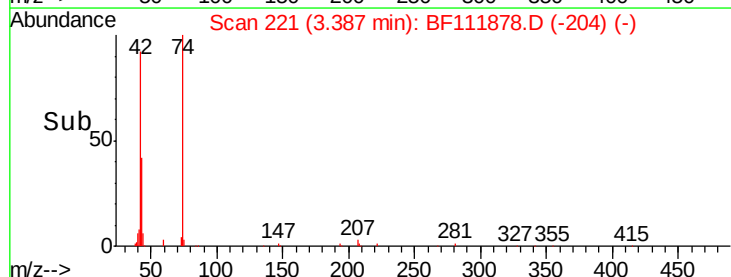
Abundance Ion 42.00 (41.70 to 42.70): BF1

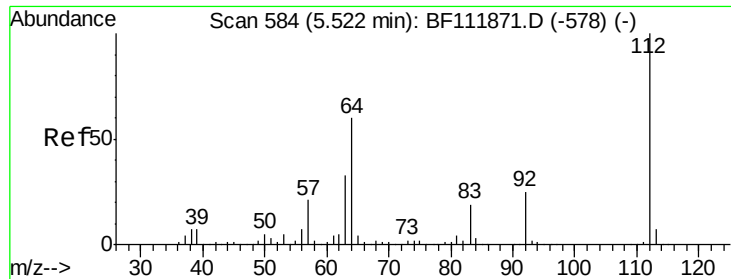
Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

3.39

Time--> 3.30 3.40 3.50





#5

2-Fluorophenol

Concen: 73.483 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.01 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

Instrument :

BNA_F

ClientSampled :

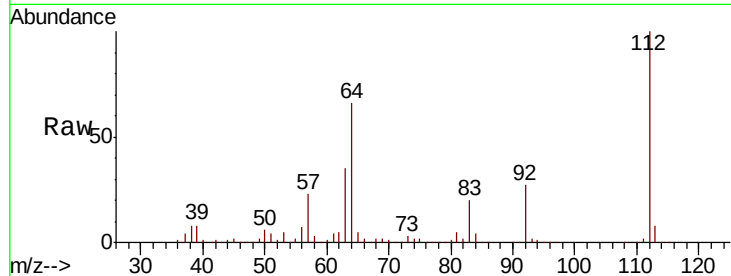
Tot Ion:112 Resp: 855743

Ion Ratio Lower Upper

112 100

64 66.2 48.3 72.5

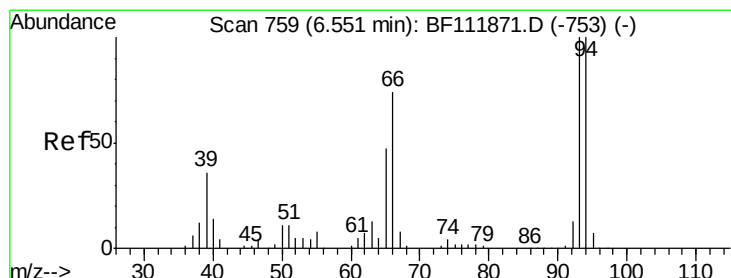
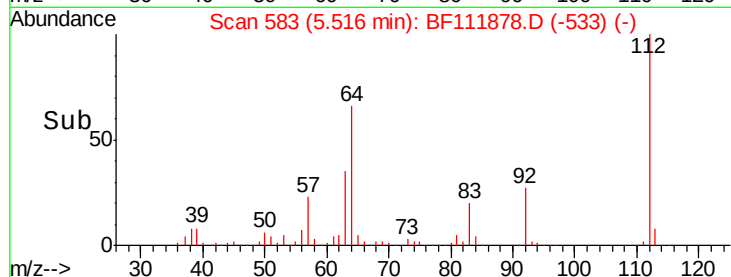
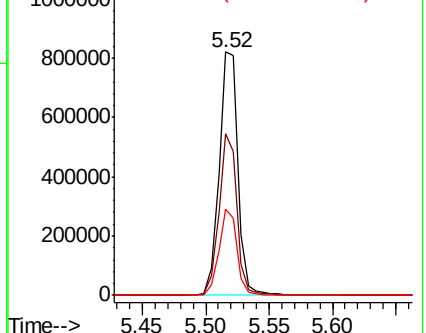
63 35.3 26.1 39.1



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: 37.927 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

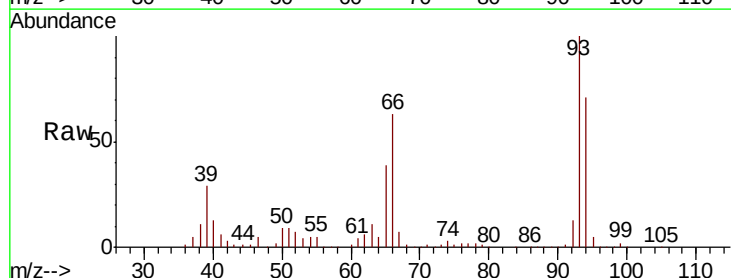
Tgt Ion: 93 Resp: 688316

Ion Ratio Lower Upper

93 100

66 63.4 60.0 90.0

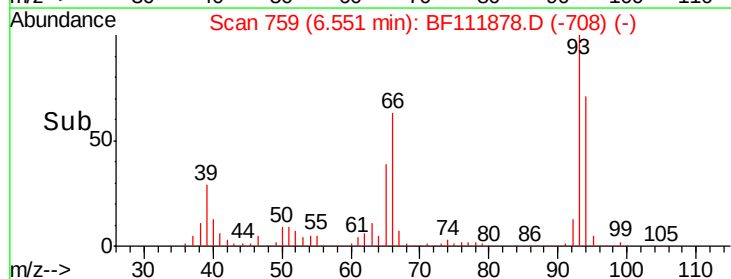
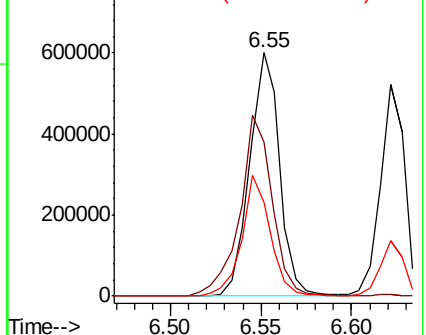
65 38.8 37.5 56.3

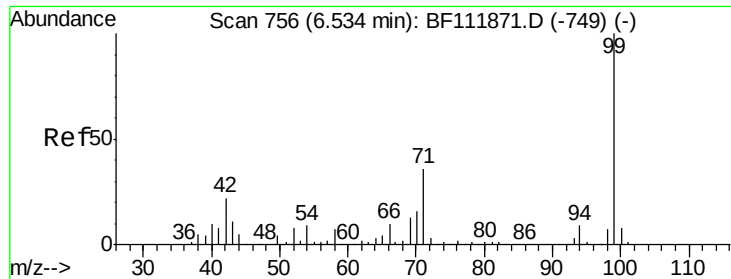


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.009 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

Instrument :

BNA_F

ClientSampleId :

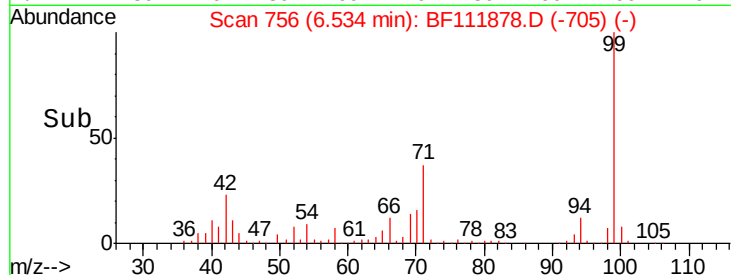
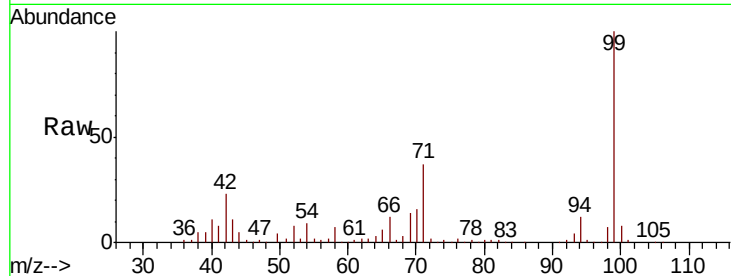
Tot Ion: 99 Resp: 1110834

Ion Ratio Lower Upper

99 100

42 23.1 17.9 26.9

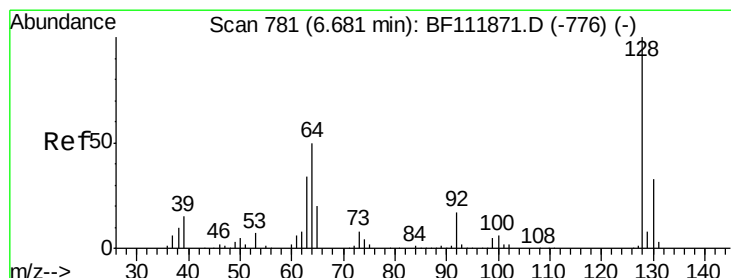
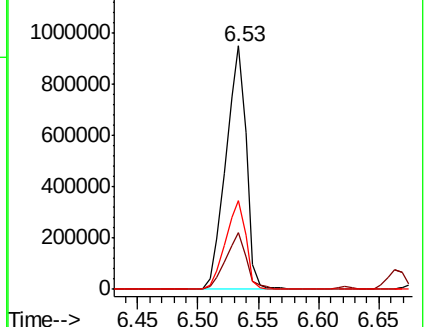
71 36.6 28.7 43.1



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: 38.437 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

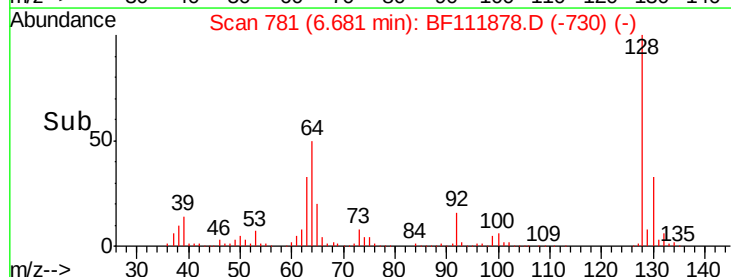
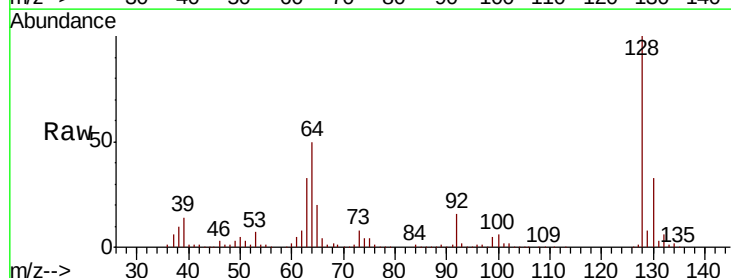
Tgt Ion:128 Resp: 497031

Ion Ratio Lower Upper

128 100

130 32.8 12.7 52.7

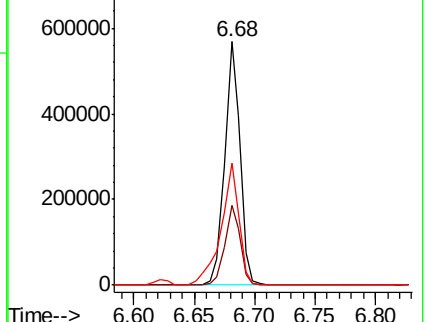
64 50.2 31.8 71.8

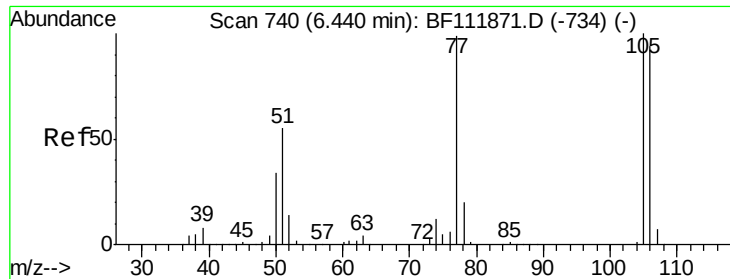


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.846 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

Instrument :

BNA_F

ClientSampleId :

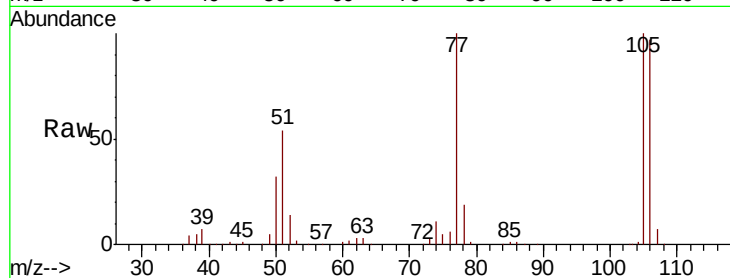
Tot Ion: 77 Resp: 322515

Ion Ratio Lower Upper

77 100

105 100.2 80.6 120.6

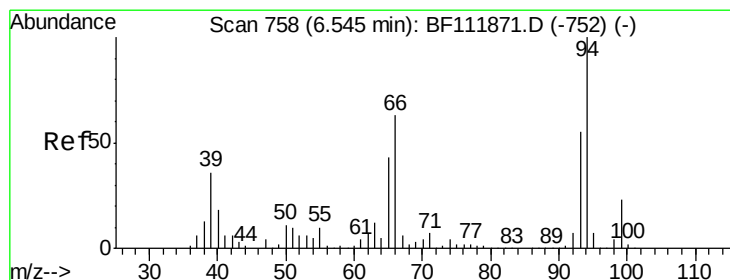
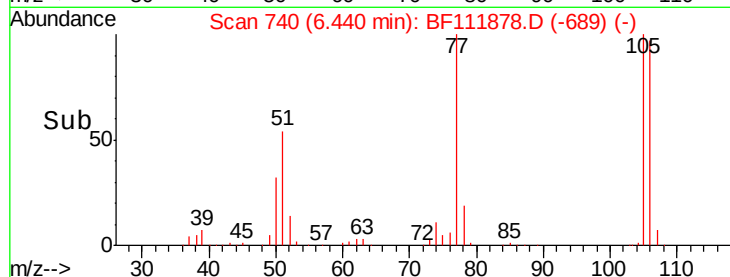
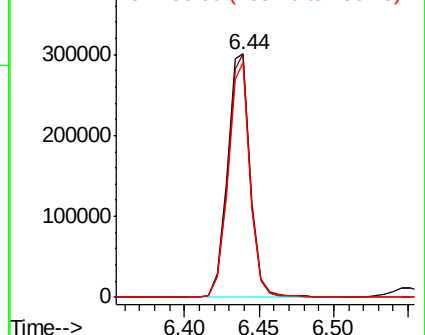
106 96.8 74.6 114.6



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: 37.621 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

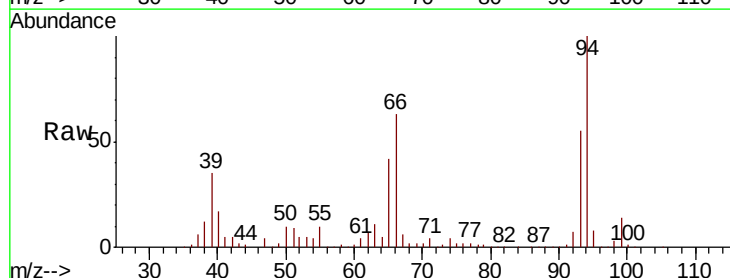
Tgt Ion: 94 Resp: 613730

Ion Ratio Lower Upper

94 100

65 41.9 22.8 62.8

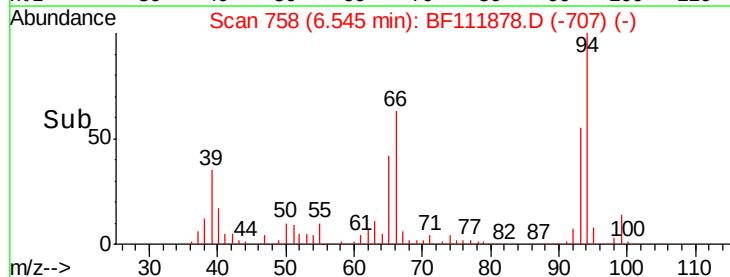
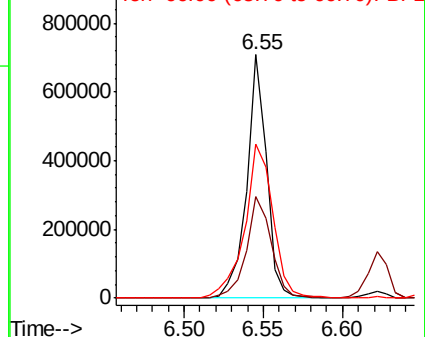
66 63.0 43.3 83.3

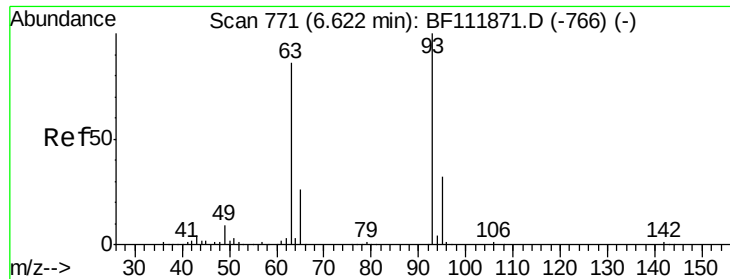


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

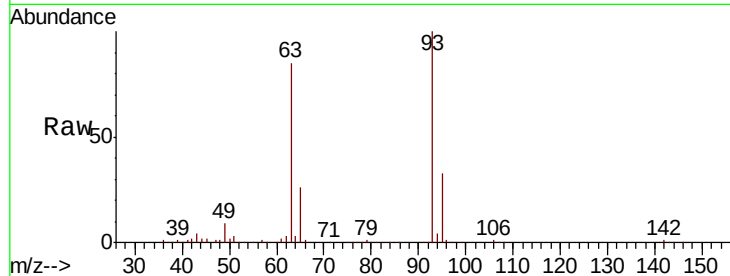




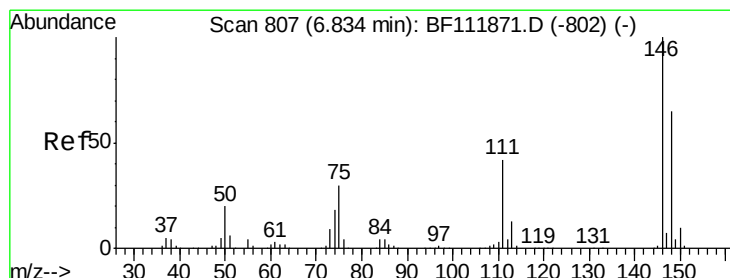
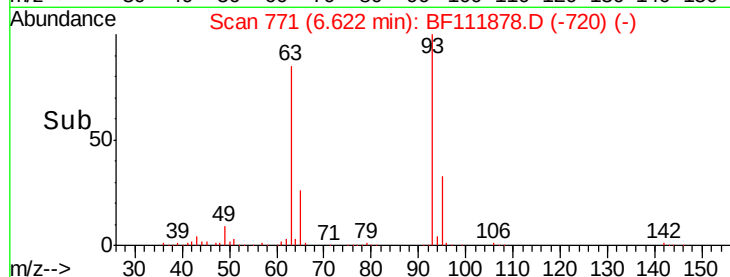
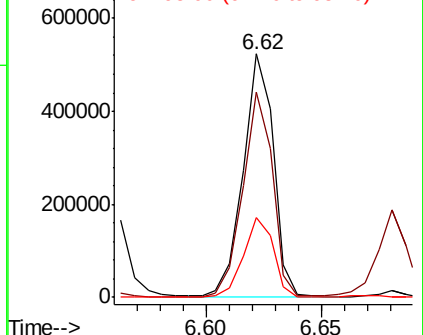
#11
bis(2-Chloroethyl)ether
Concen: 38.014 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 479752
Ion Ratio Lower Upper
93 100
63 84.5 65.2 105.2
95 32.7 11.9 51.9

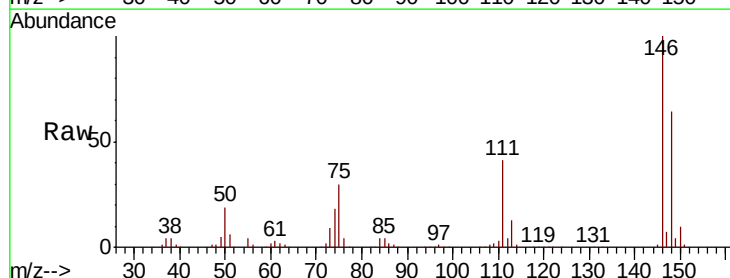


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

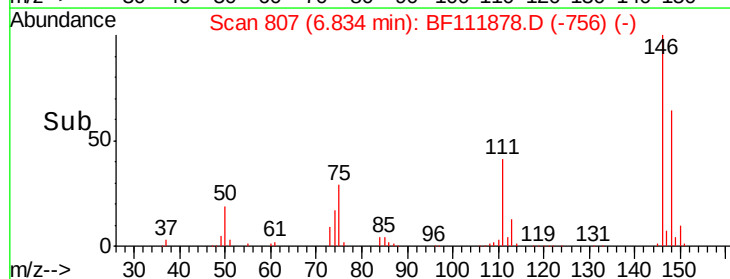
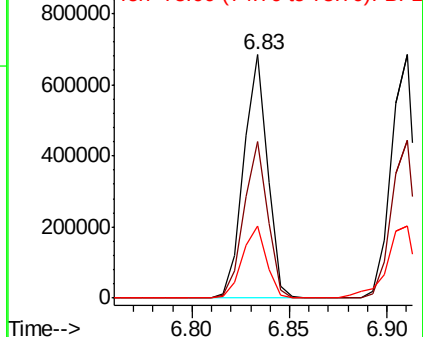


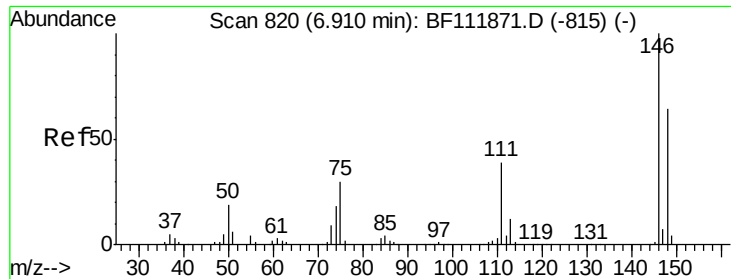
#12
1,3-Dichlorobenzene
Concen: 38.691 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Tgt Ion: 146 Resp: 580009
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.6
75 29.6 24.3 36.5



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

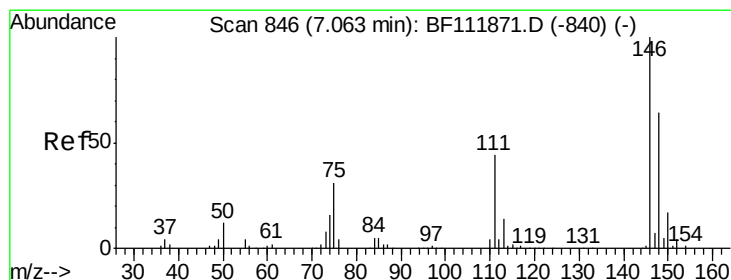
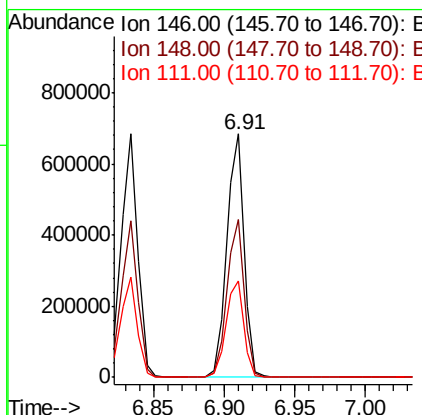
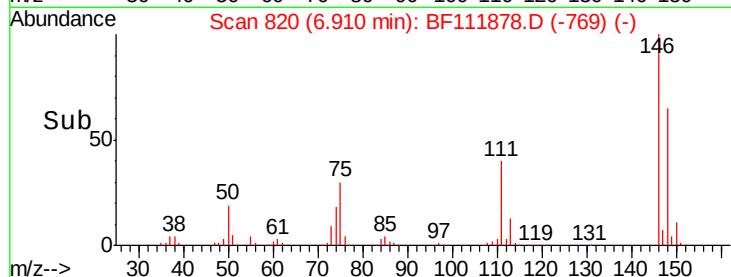
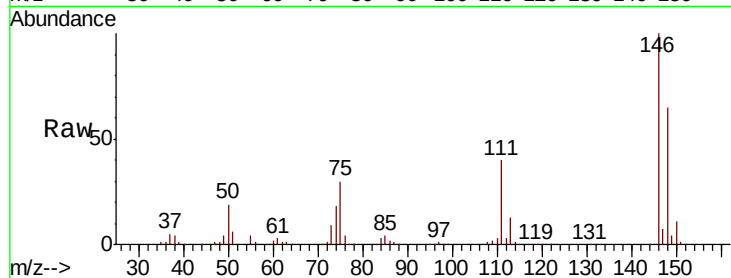




#13
 1,4-Dichlorobenzene
 Concen: 38.015 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

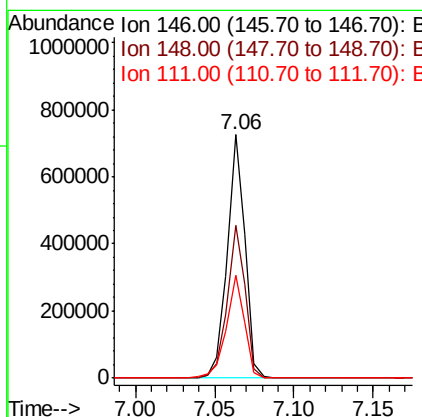
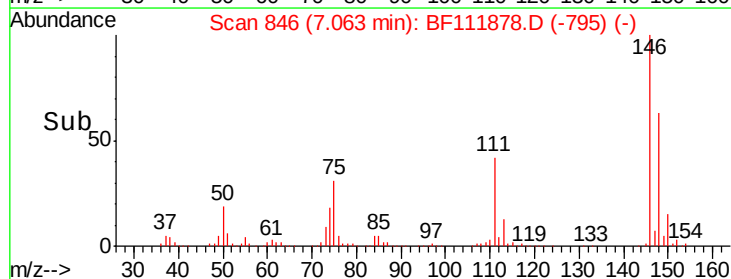
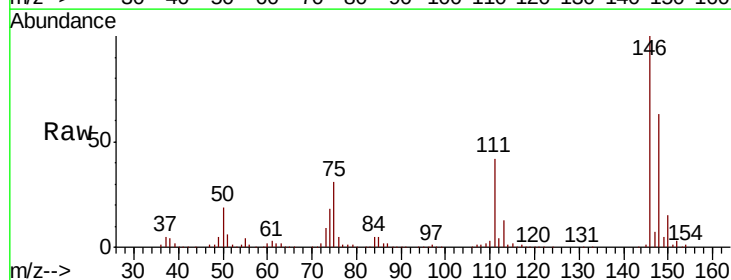
Instrument :
 BNA_F
 ClientSampled :

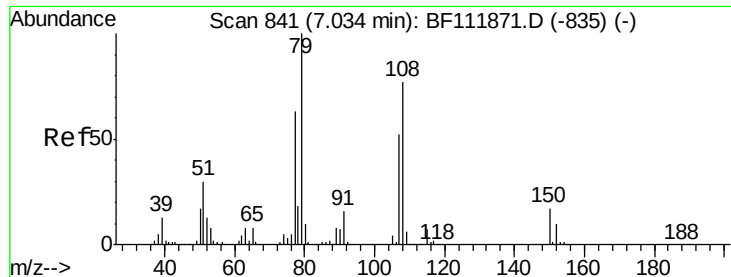
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.2	76.8
111	39.6	31.5	47.3



#14
 1,2-Dichlorobenzene
 Concen: 38.383 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.5	77.3
111	42.1	35.5	53.3





#15

Benzyl Alcohol

Concen: 38.124 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

Instrument :

BNA_F

ClientSampled :

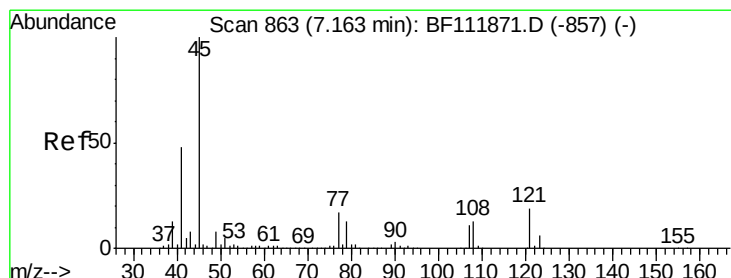
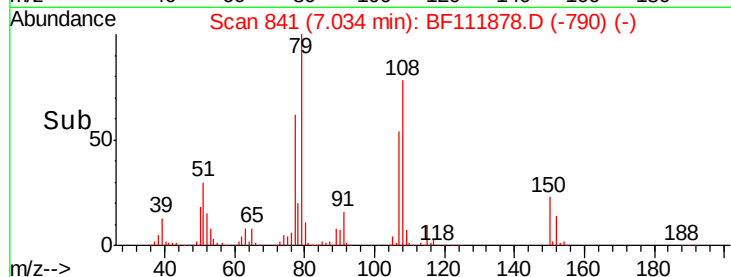
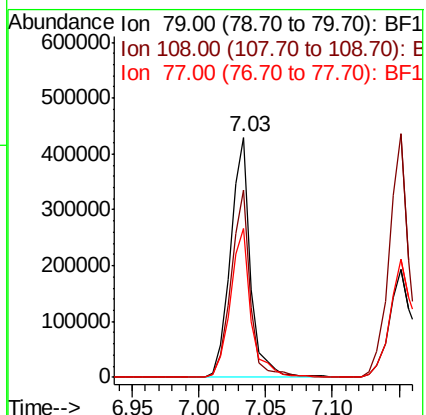
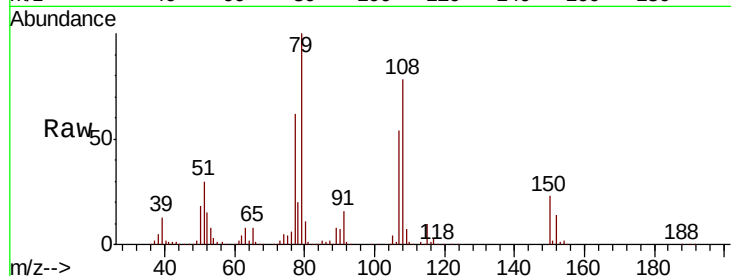
Tot Ion: 79 Resp: 452756

Ion Ratio Lower Upper

79 100

108 78.2 61.4 92.0

77 62.2 50.4 75.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.106 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

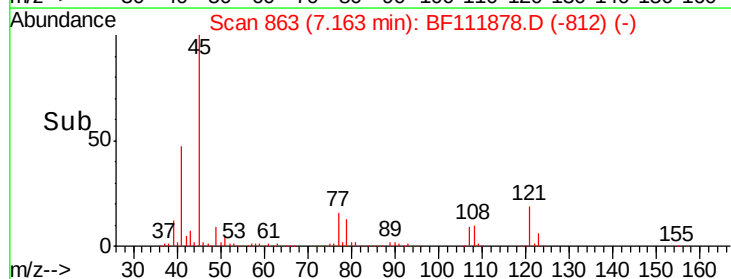
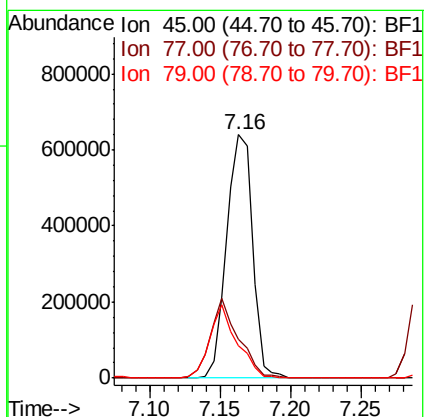
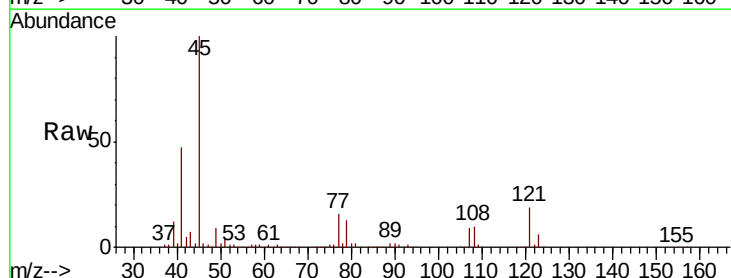
Tgt Ion: 45 Resp: 819948

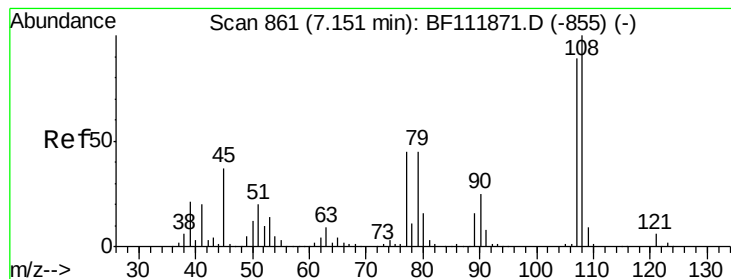
Ion Ratio Lower Upper

45 100

77 15.9 0.0 37.1

79 13.1 0.0 33.9

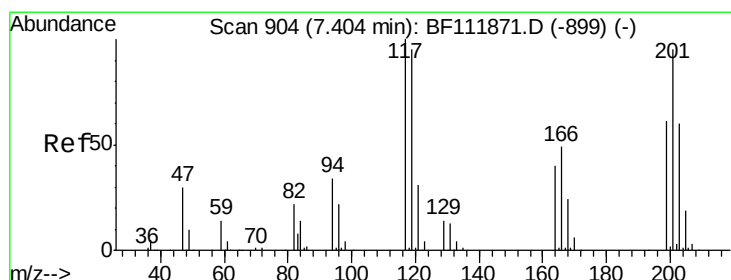
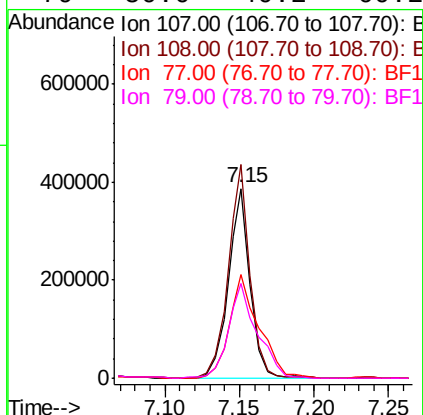
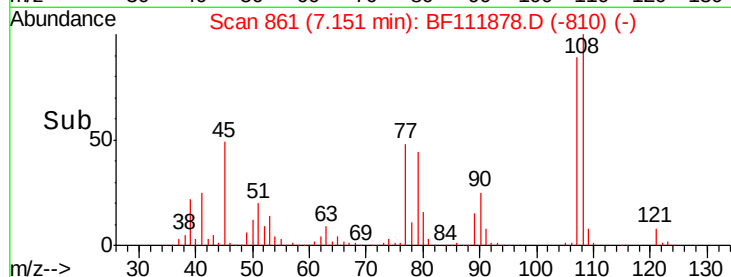
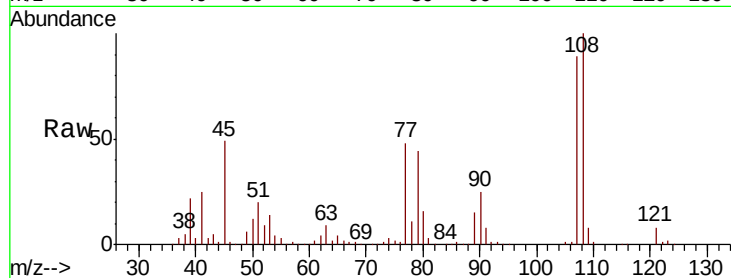




#17
2-Methylphenol
Concen: 38.198 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

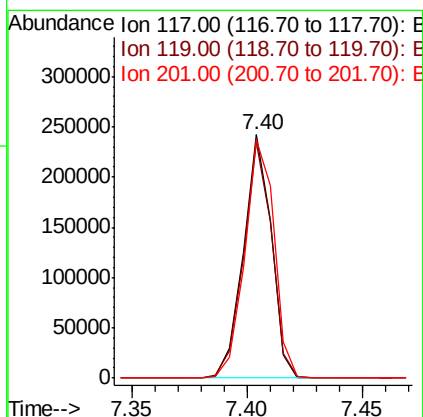
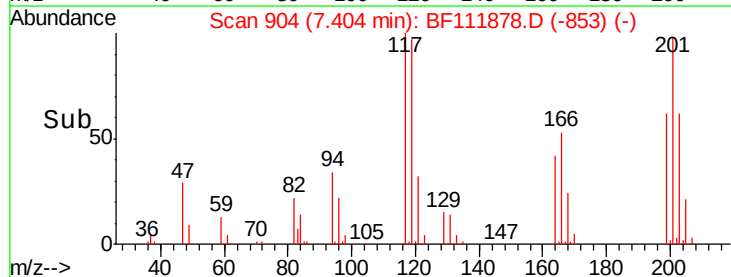
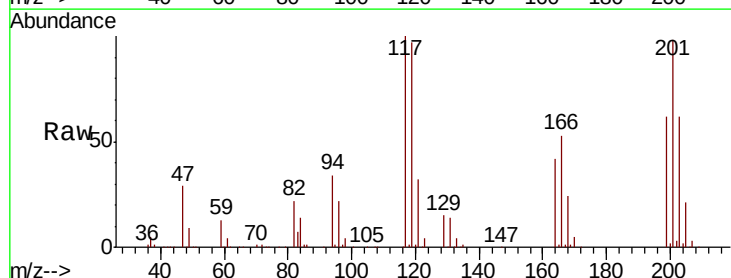
Instrument :
BNA_F
ClientSampleId :

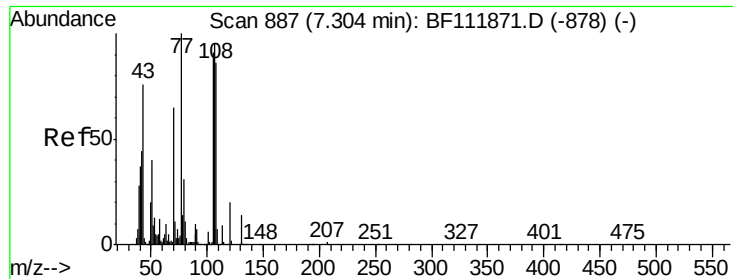
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.7	134.5
77	54.4	40.6	60.8
79	50.0	40.2	60.2



#18
Hexachloroethane
Concen: 38.630 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.2	114.2
201	98.2	75.7	113.5

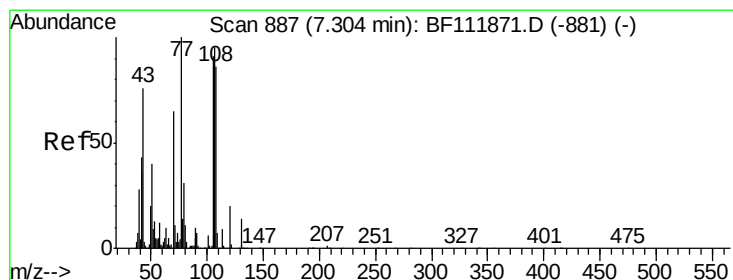
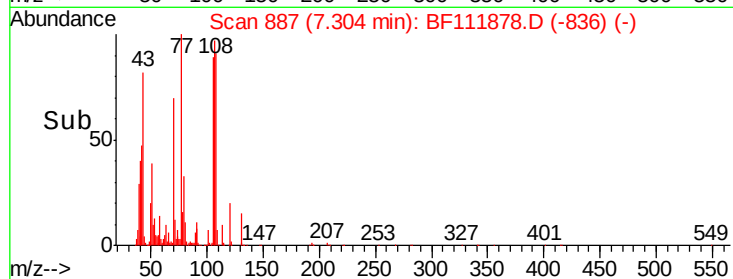
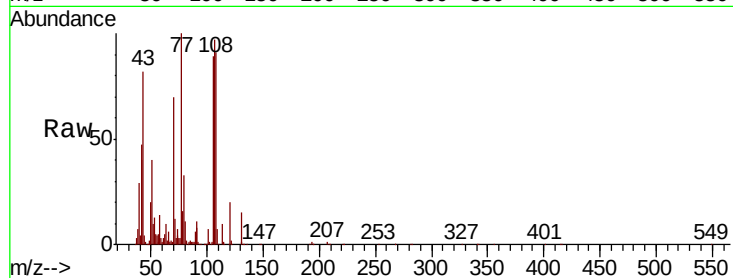
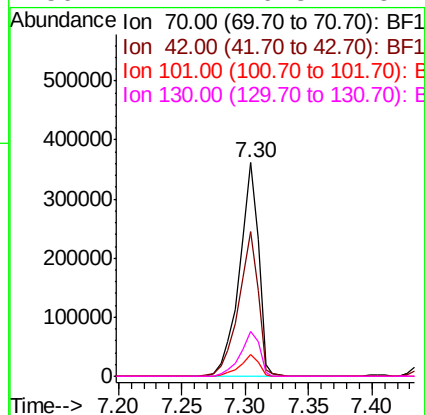




#19
n-Nitroso-di-n-propylamine
Concen: 38.236 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

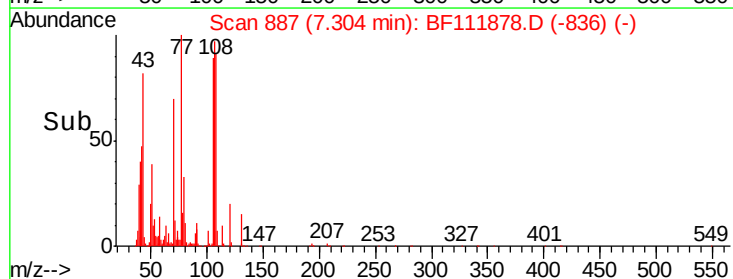
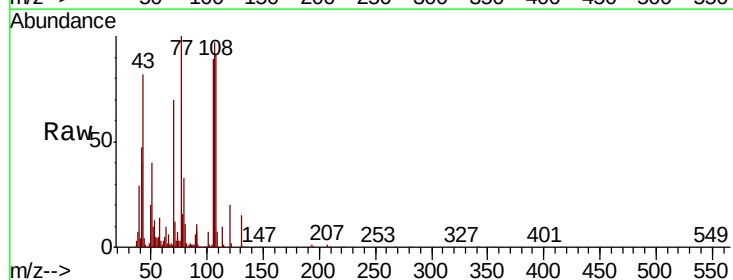
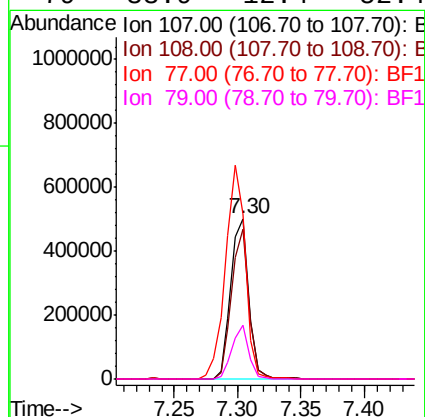
Instrument :
BNA_F
ClientSampleId :

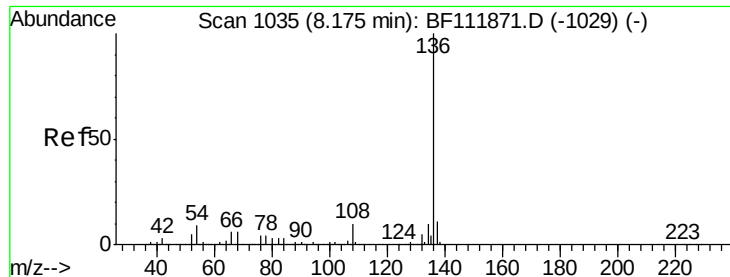
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.5	53.6	80.4	
101	10.0	7.3	10.9	
130	21.2	16.8	25.2	



#20
3+4-Methylphenols
Concen: 38.226 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.2	71.1	111.1	
77	102.7	85.4	125.4	
79	33.9	12.4	52.4	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 769791

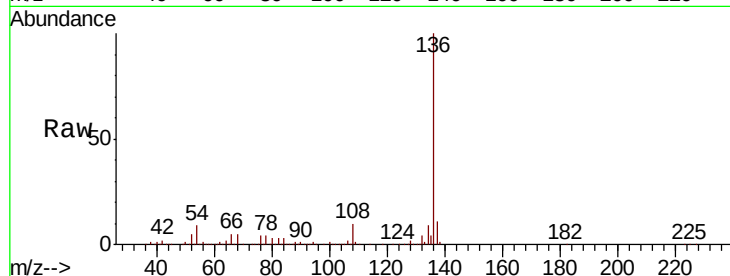
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.9 7.2 10.8

68 5.2 4.4 6.6

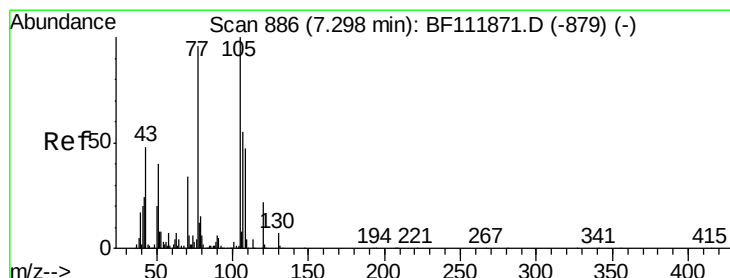
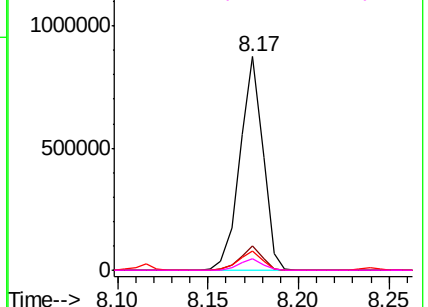
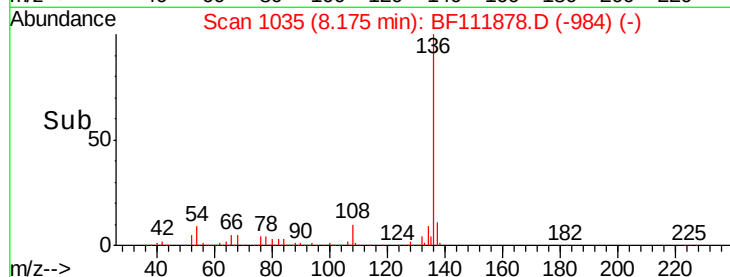


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.235 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

Tgt Ion:105 Resp: 725668

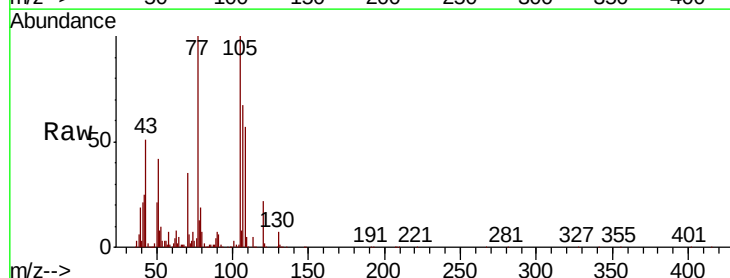
Ion Ratio Lower Upper

105 100

71 6.1 4.6 6.8

51 42.5 32.2 48.2

120 21.9 17.5 26.3

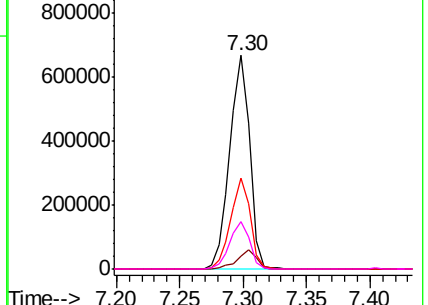
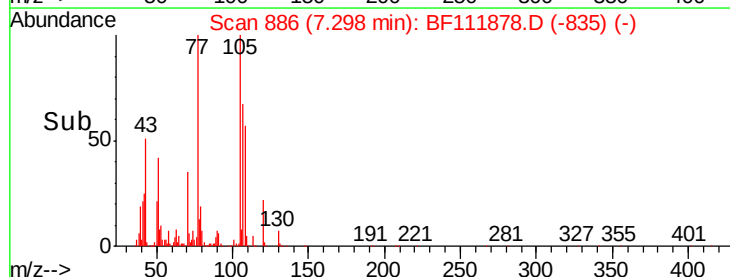


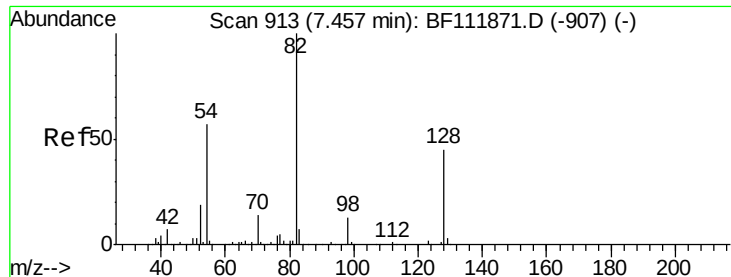
Abundance Ion 105.00 (104.70 to 105.70): E

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



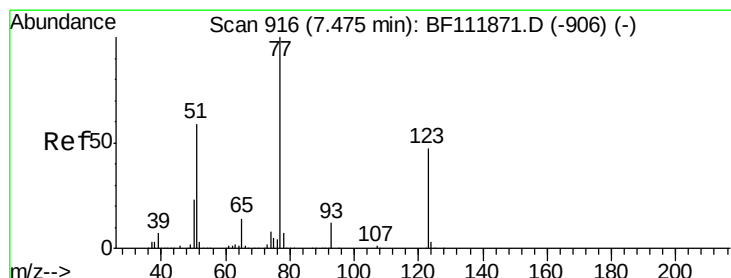
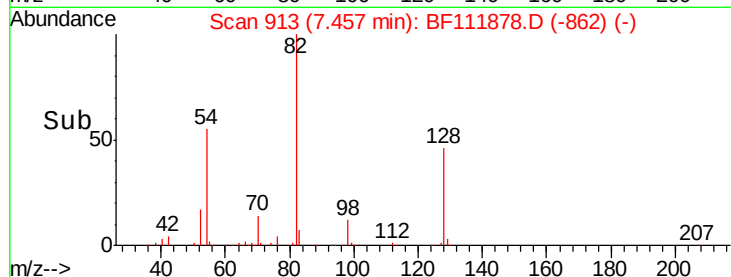
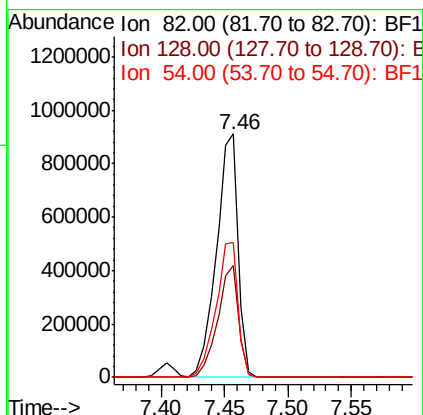
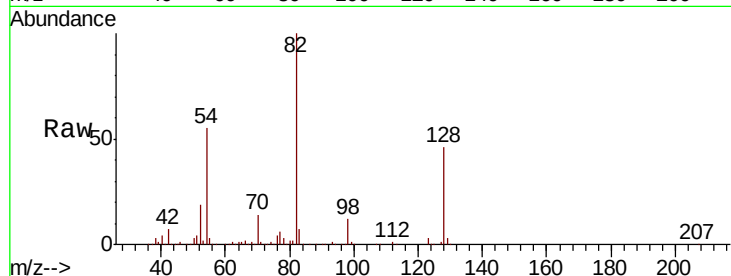


#23
 Nitrobenzene-d5
 Concen: 75.414 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1086217

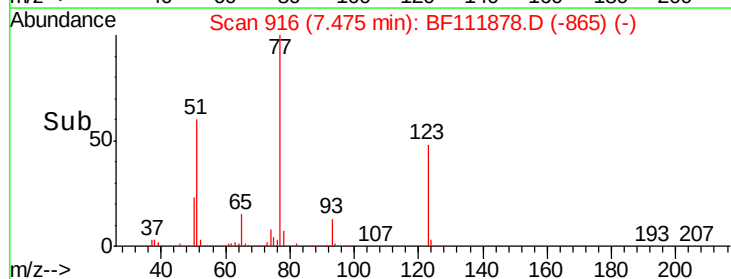
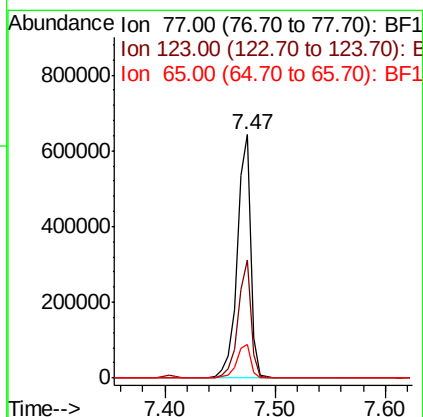
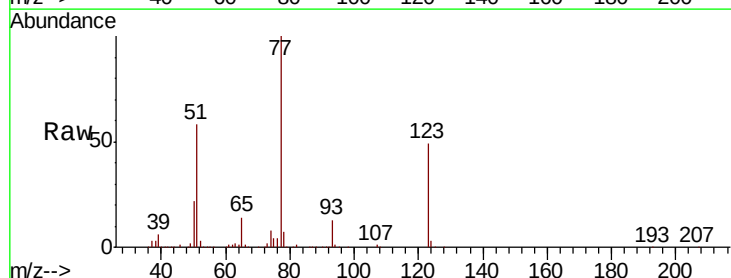
Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.7	53.5
54	55.4	45.8	68.8

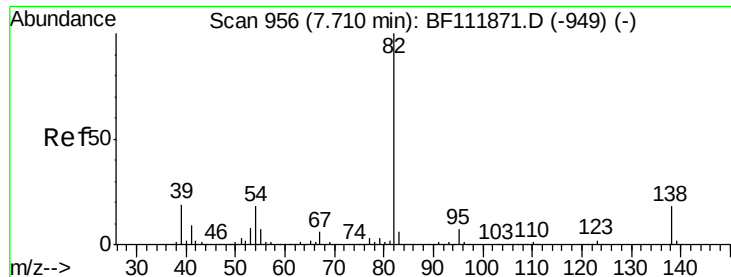


#24
 Nitrobenzene
 Concen: 37.924 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

Tgt Ion: 77 Resp: 552563

Ion	Ratio	Lower	Upper
77	100		
123	48.7	38.1	57.1
65	13.9	11.0	16.4

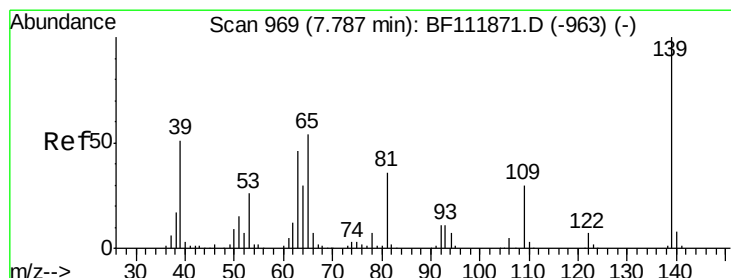
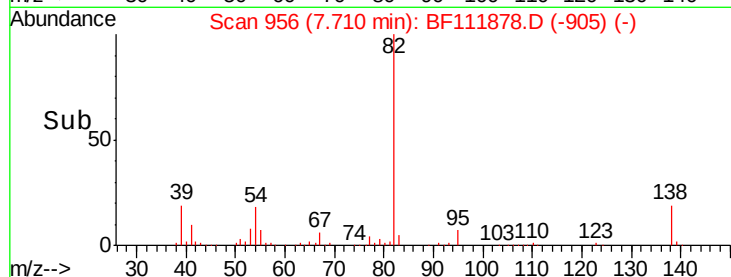
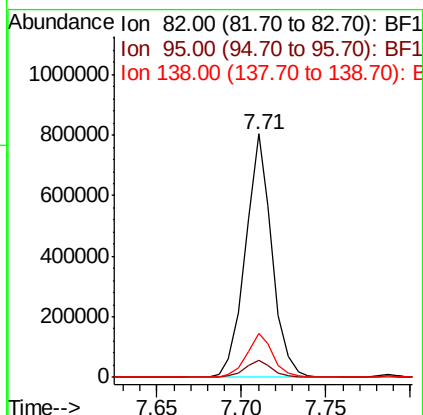
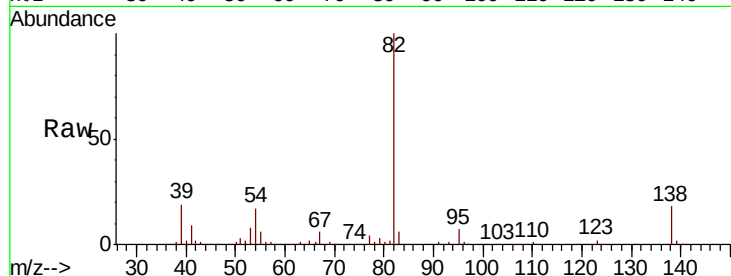




#25
Isophorone
Concen: 37.573 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

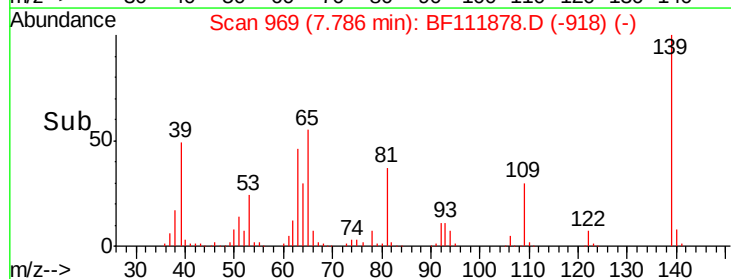
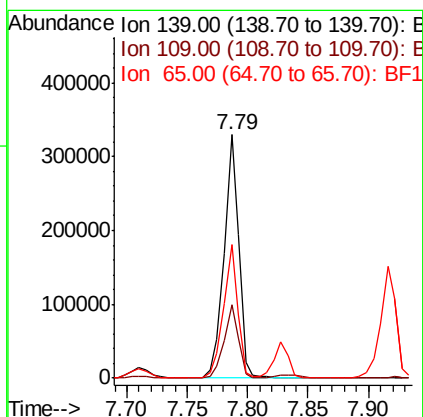
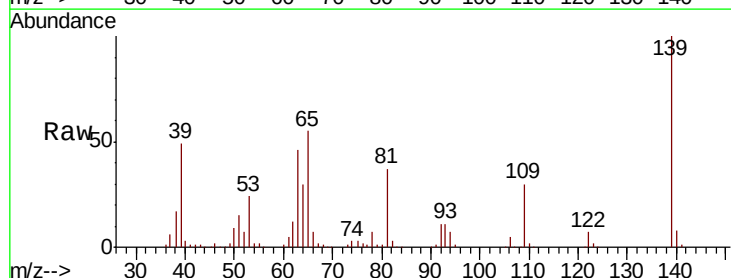
Instrument :
BNA_F
ClientSampleId :

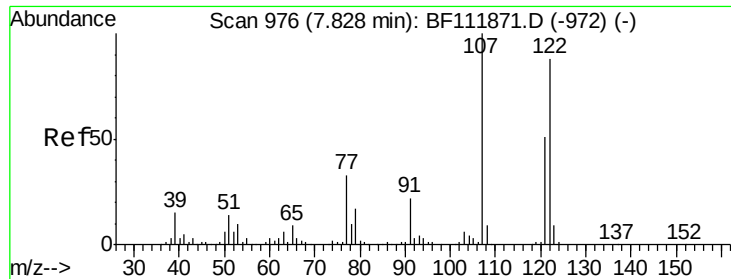
Tot Ion: 82 Resp: 876329
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 18.1 14.4 21.6



#26
2-Nitrophenol
Concen: 38.920 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Tgt Ion: 139 Resp: 279219
Ion Ratio Lower Upper
139 100
109 30.1 24.1 36.1
65 54.9 43.6 65.4

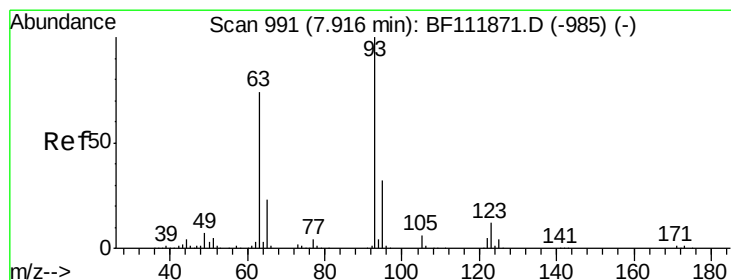
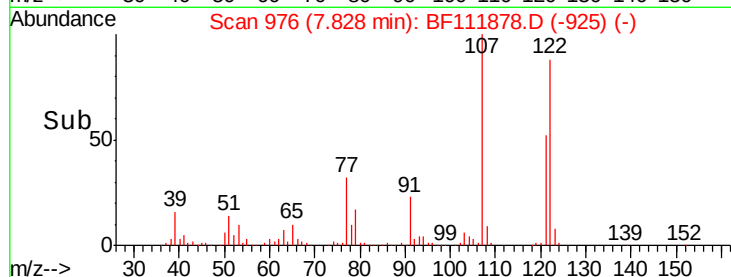
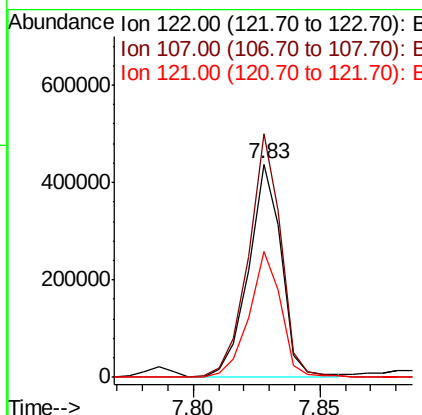
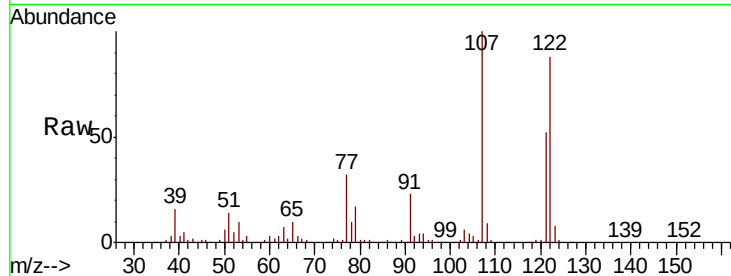




#27
 2,4-Dimethylphenol
 Concen: 38.001 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

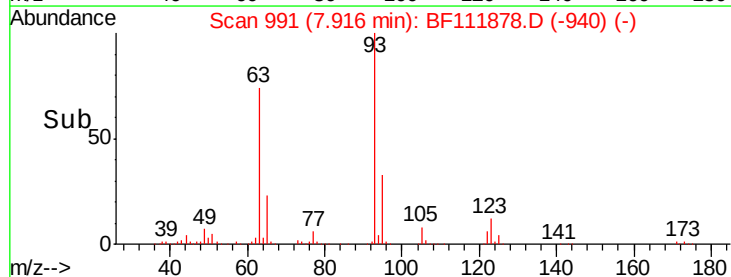
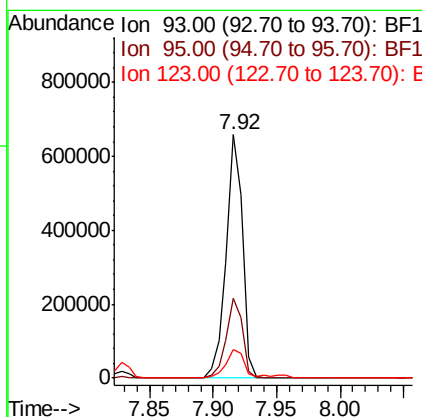
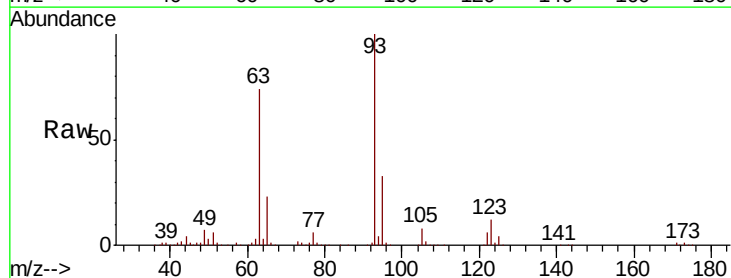
Instrument :
 BNA_F
 ClientSampleId :

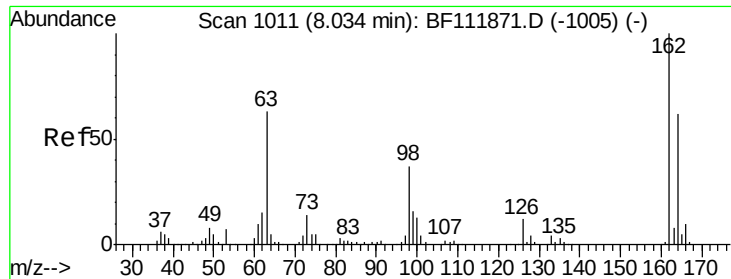
Tot Ion:122 Resp: 394178
 Ion Ratio Lower Upper
 122 100
 107 114.2 91.0 136.6
 121 58.8 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.776 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

Tgt Ion: 93 Resp: 588106
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.8 38.6
 123 11.9 9.5 14.3

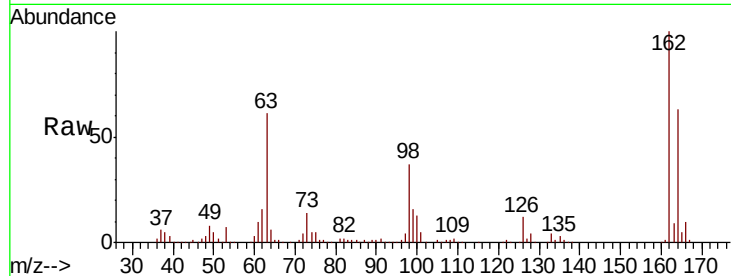




#29
 2,4-Dichlorophenol
 Concen: 38.006 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.1	82.1
98	37.3	17.2	57.2

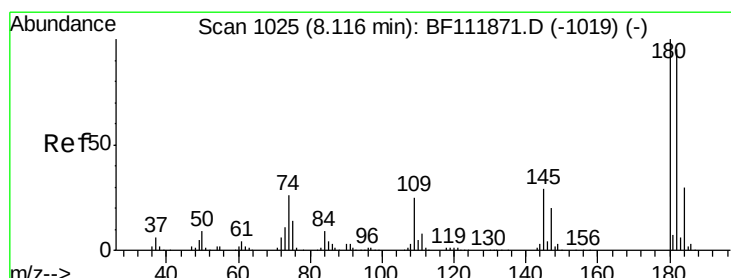
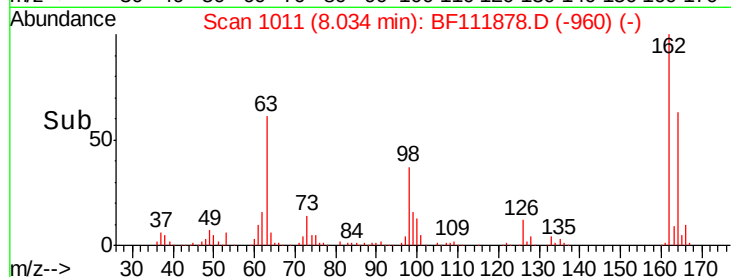
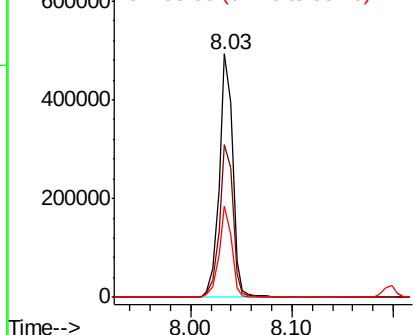


Abundance

Ion 162.00 (161.70 to 162.70): E

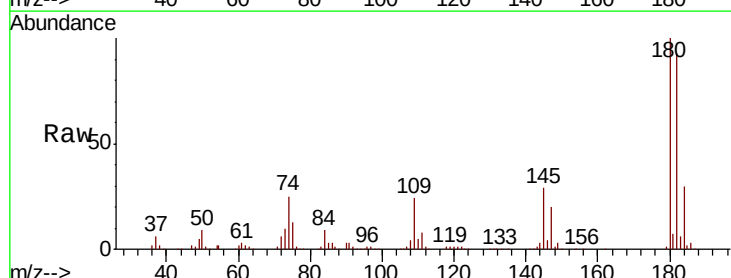
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.285 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.2	114.4
145	29.4	23.4	35.2

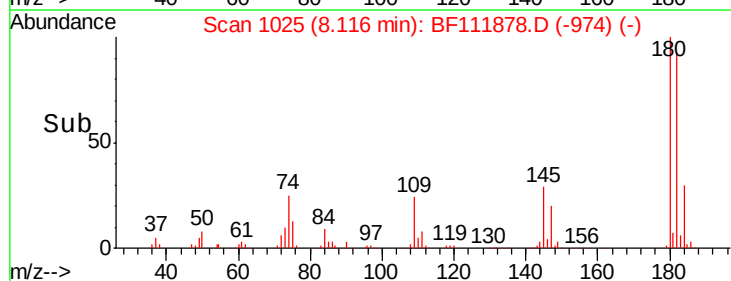
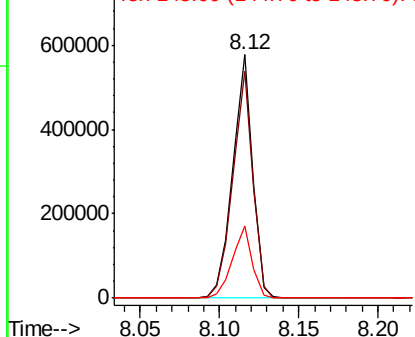


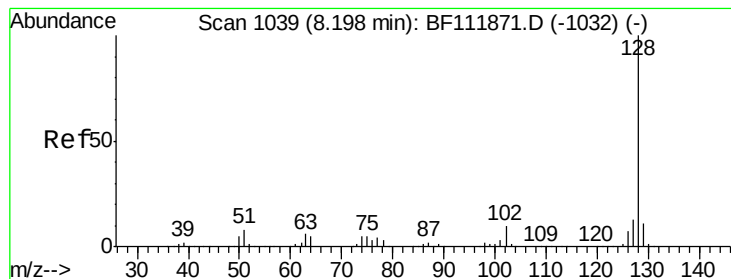
Abundance

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: 38.026 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

Instrument :

BNA_F

ClientSampleId :

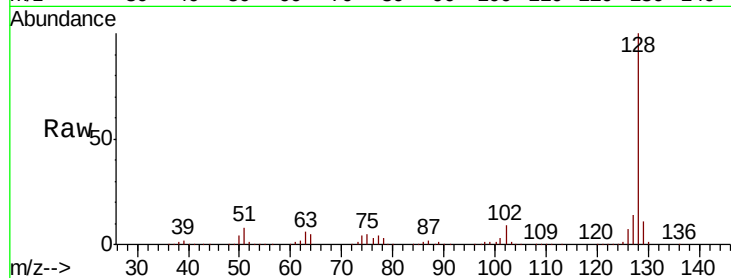
Tot Ion:128 Resp: 1389551

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

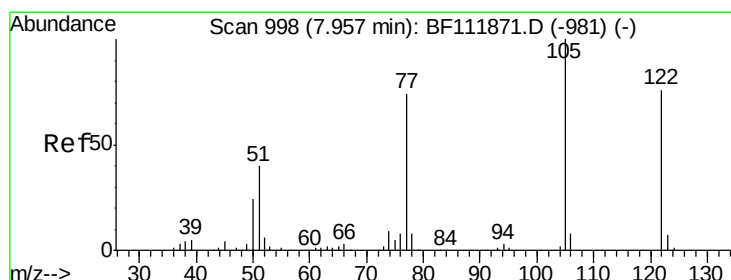
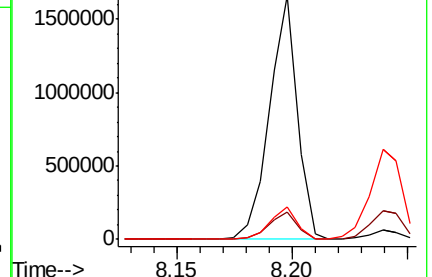
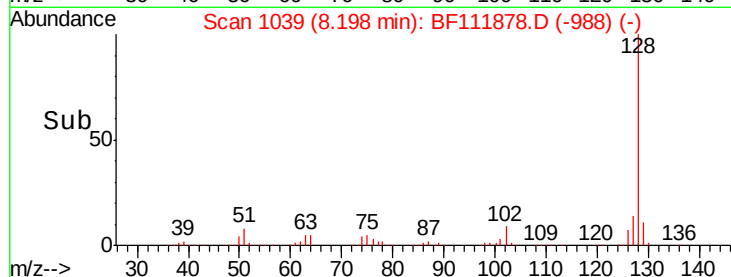
127 13.6 10.7 16.1



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: 34.197 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

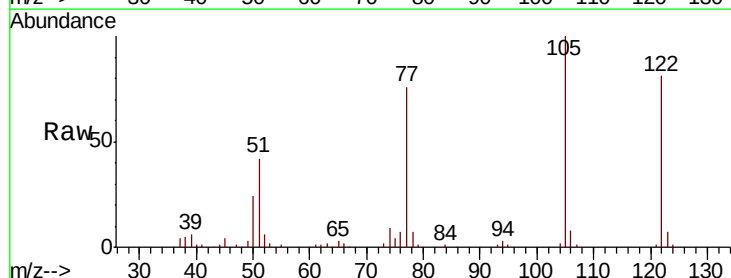
Tgt Ion:122 Resp: 230192

Ion Ratio Lower Upper

122 100

105 122.9 107.9 147.9

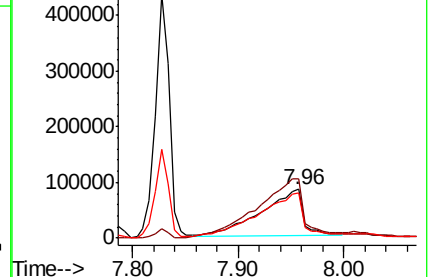
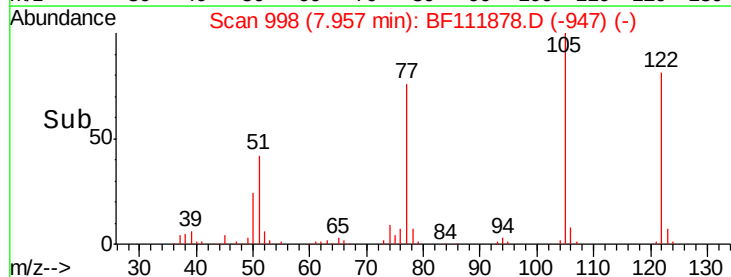
77 93.2 76.6 116.6

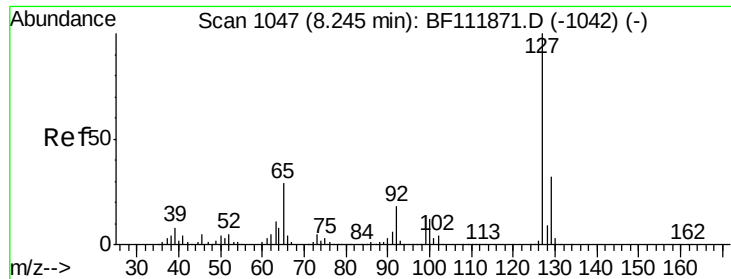


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

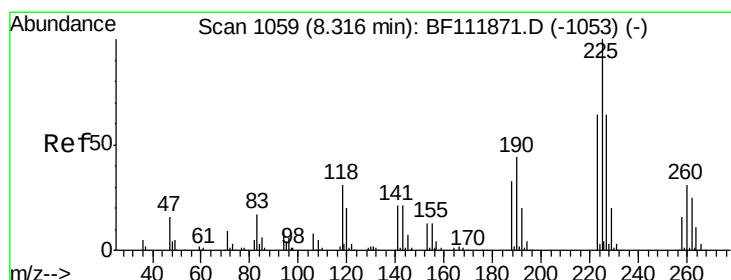
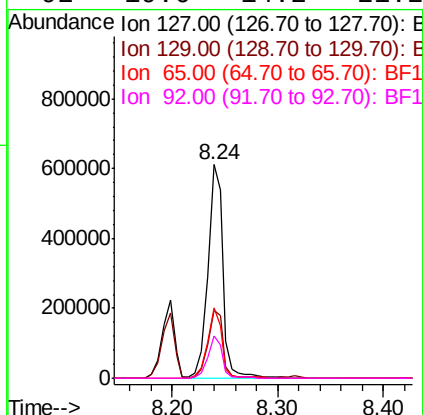
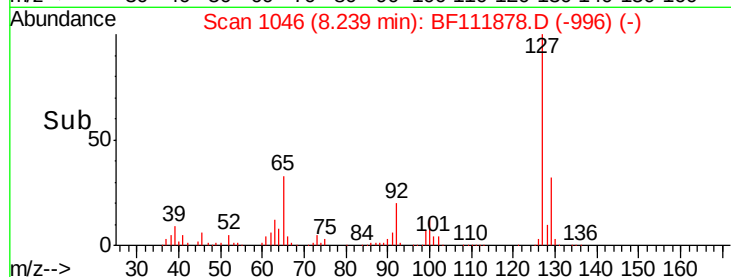
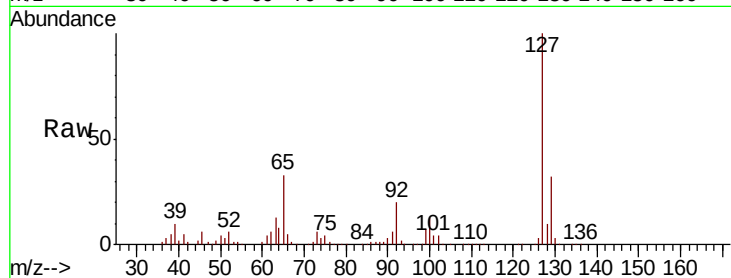




#33
4-Chloroaniline
Concen: 38.586 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

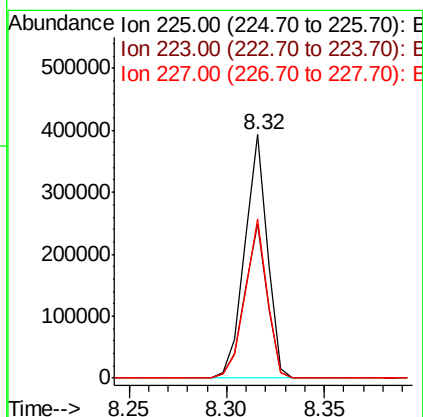
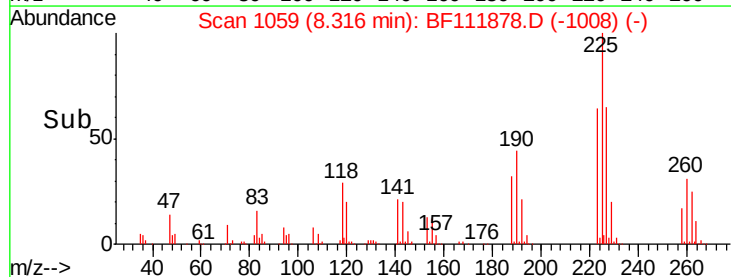
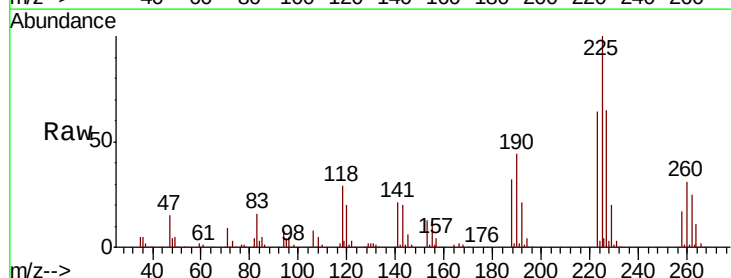
Instrument :
BNA_F
ClientSampled :

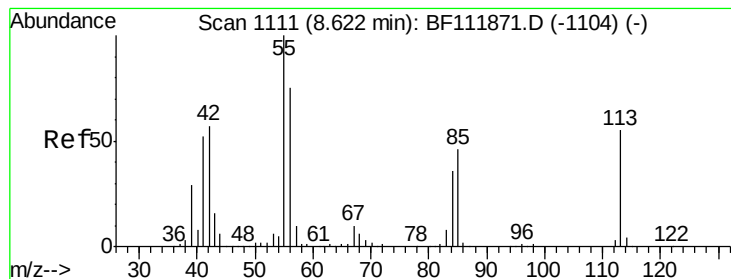
Tot Ion:	127	Resp:	609522
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.6
65	33.0	23.5	35.3
92	19.6	14.2	21.2



#34
Hexachlorobutadiene
Concen: 38.559 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Tgt Ion:	225	Resp:	315863
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.9	76.3
227	65.4	51.4	77.0





#35

Caprolactam

Concen: 38.694 ng

RT: 8.62 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

Instrument :

BNA_F

ClientSampleId :

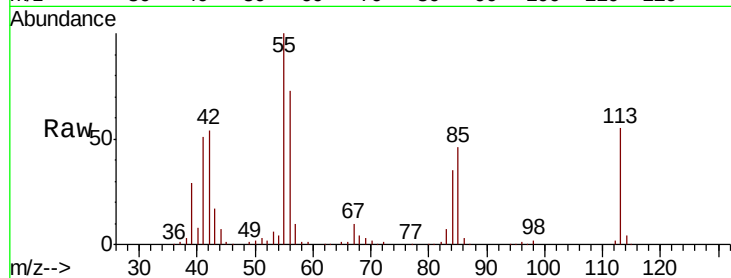
Tot Ion:113 Resp: 150794

Ion Ratio Lower Upper

113 100

55 181.3 162.0 202.0

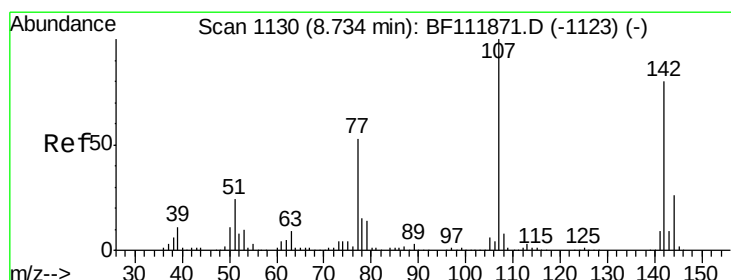
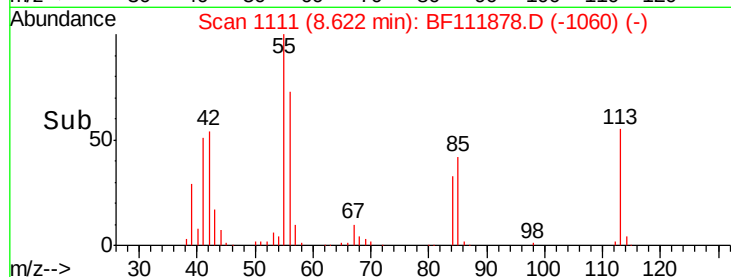
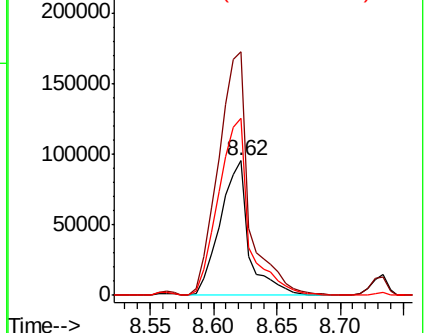
56 132.0 116.0 156.0



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: 38.167 ng

RT: 8.73 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

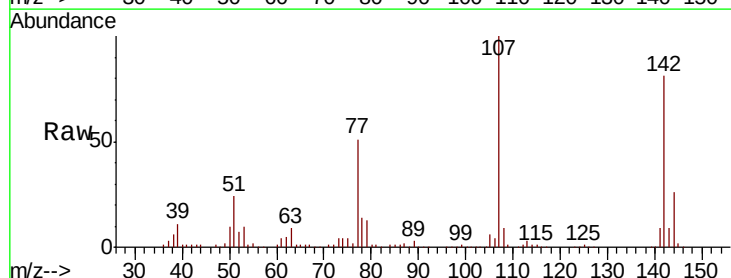
Tgt Ion:107 Resp: 452632

Ion Ratio Lower Upper

107 100

144 26.0 20.7 31.1

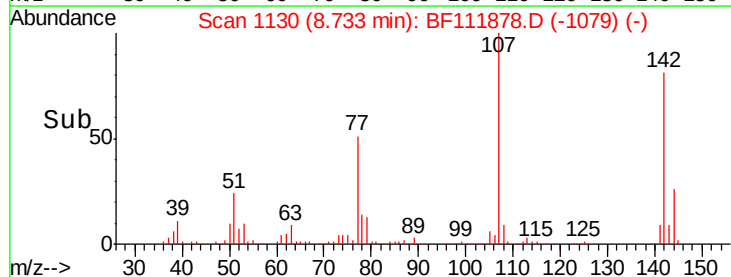
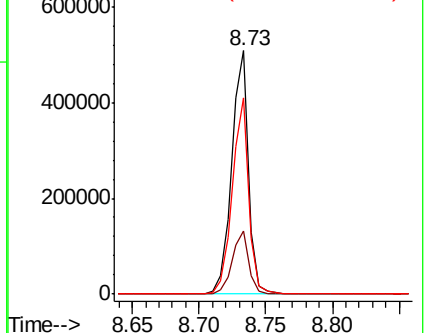
142 80.8 63.9 95.9

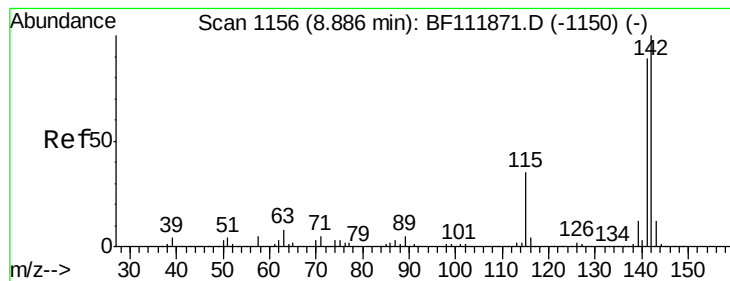


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.924 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

Instrument :

BNA_F

ClientSampled :

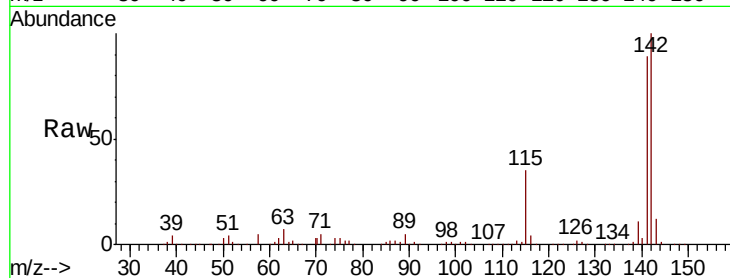
Tot Ion:142 Resp: 926644

Ion Ratio Lower Upper

142 100

141 88.7 71.4 107.2

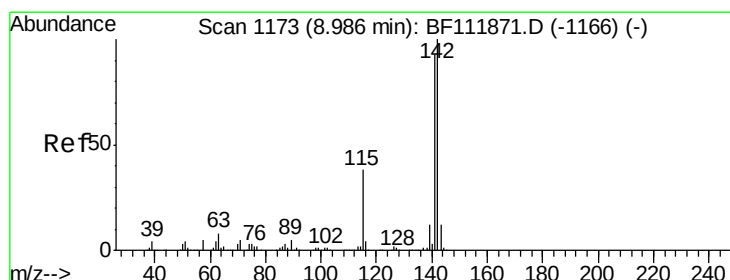
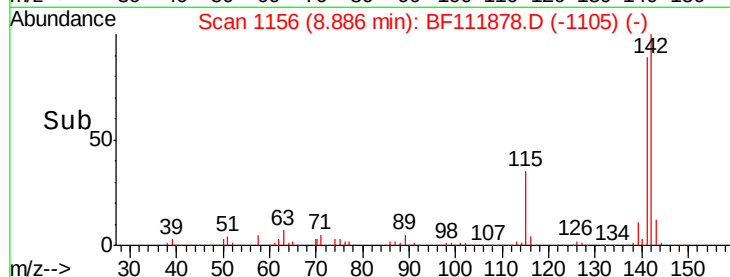
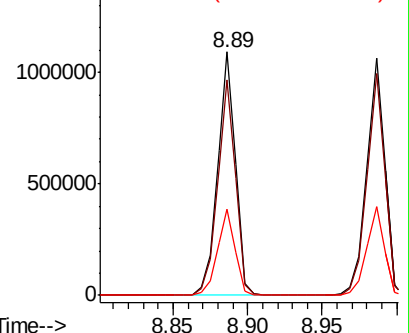
115 35.4 28.3 42.5



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: 40.777 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

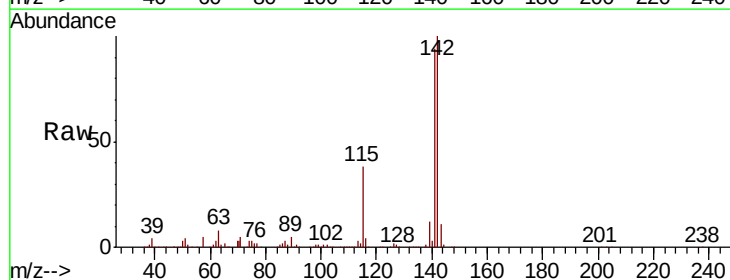
Tgt Ion:142 Resp: 885588

Ion Ratio Lower Upper

142 100

141 93.8 74.8 112.2

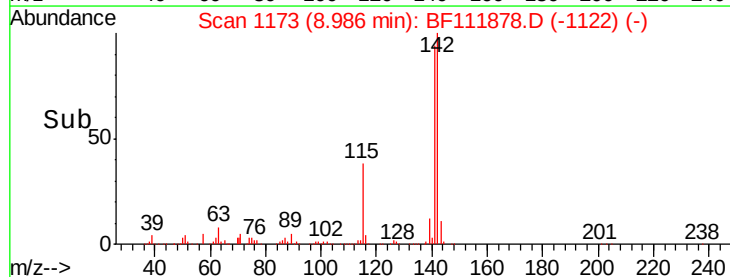
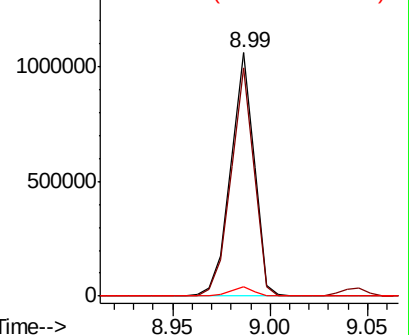
116 3.9 3.1 4.7

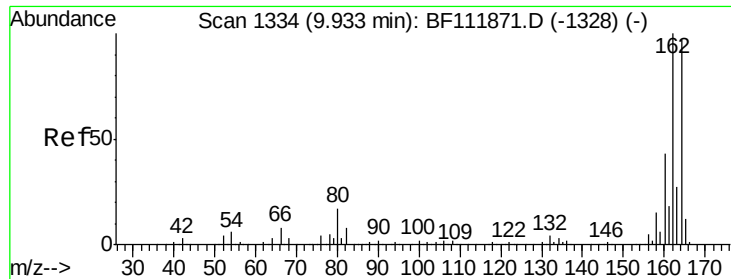


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

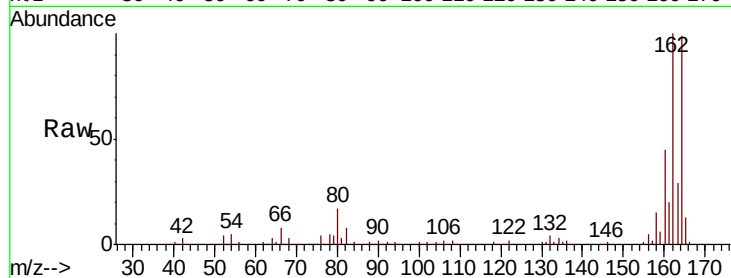




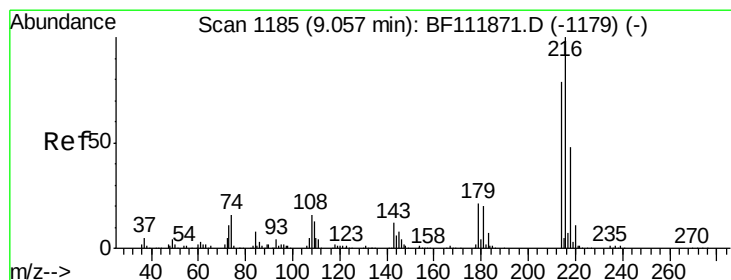
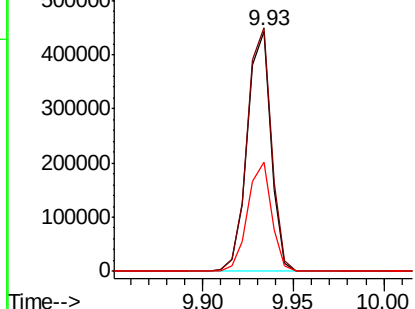
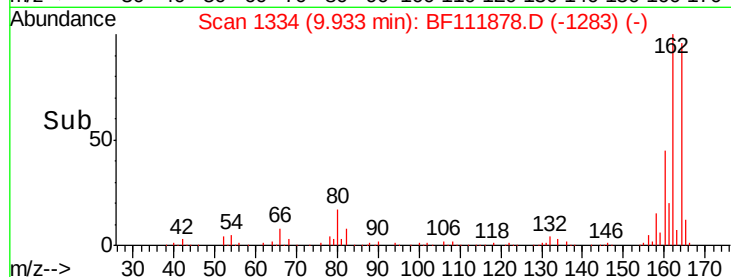
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 401983
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.2
160 45.4 35.5 53.3

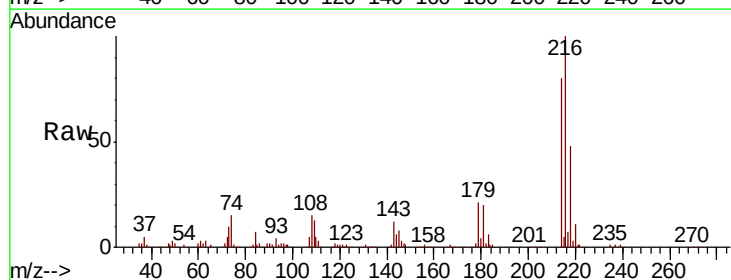


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

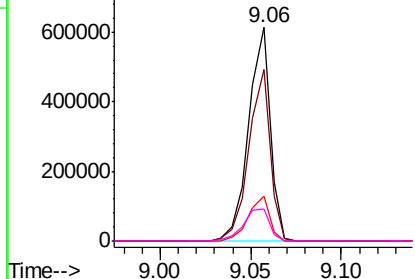
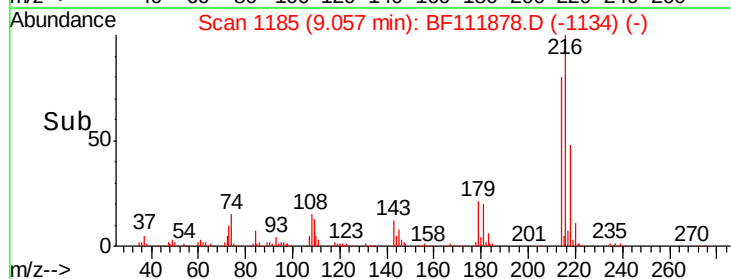


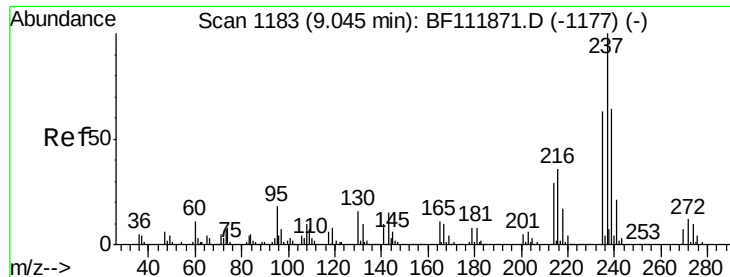
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.677 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Tgt Ion:216 Resp: 508471
Ion Ratio Lower Upper
216 100
214 79.6 63.5 95.3
179 20.8 17.0 25.6
108 18.0 14.6 22.0



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

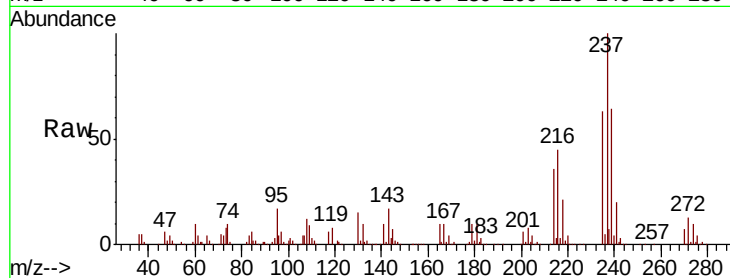




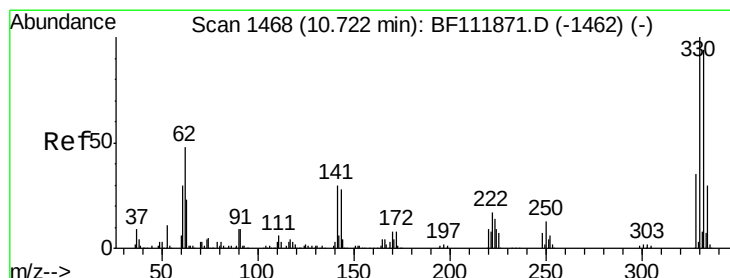
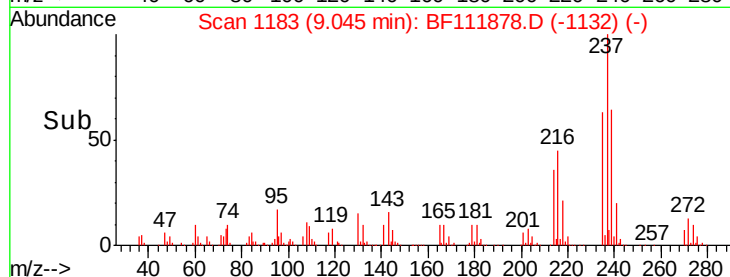
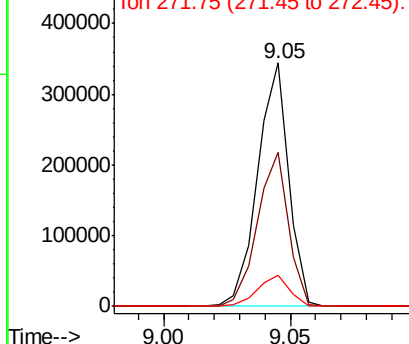
#41
Hexachlorocyclopentadiene
Concen: 39.638 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.6	82.6
272	12.9	0.0	32.3

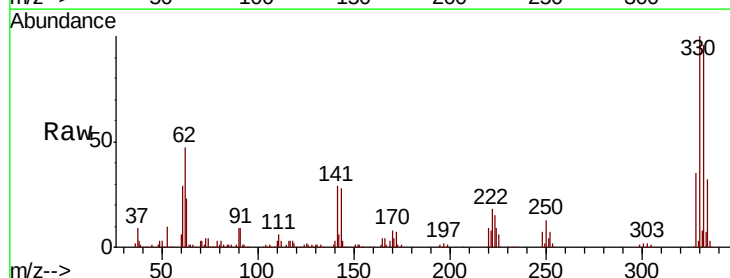


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

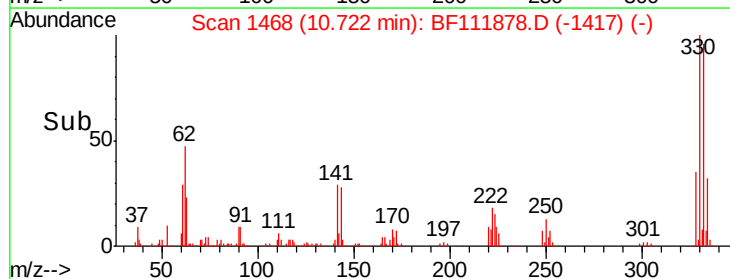
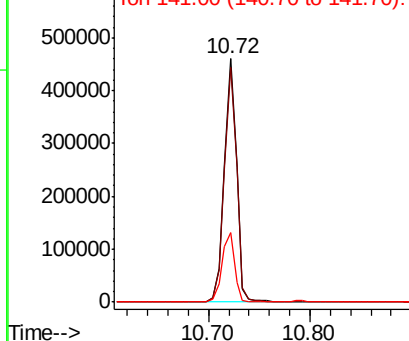


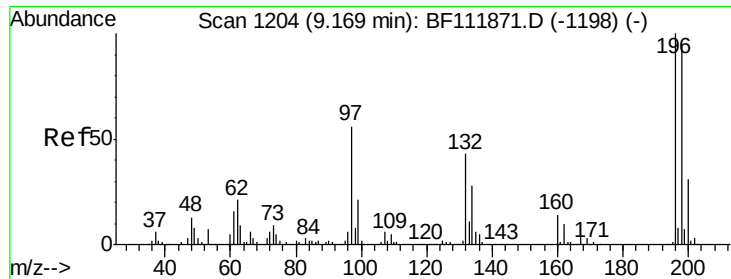
#42
2,4,6-Tribromophenol
Concen: 74.262 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.9	115.3
141	29.4	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

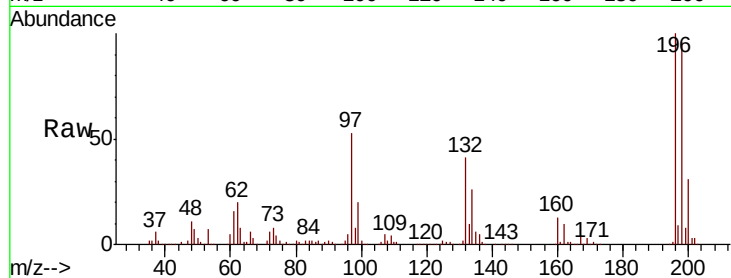




#43
 2,4,6-Trichlorophenol
 Concen: 38.655 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	196	Resp	335998
Ion Ratio	Lower	Upper	
196	100		
198	96.3	75.8	113.8
200	31.2	24.5	36.7

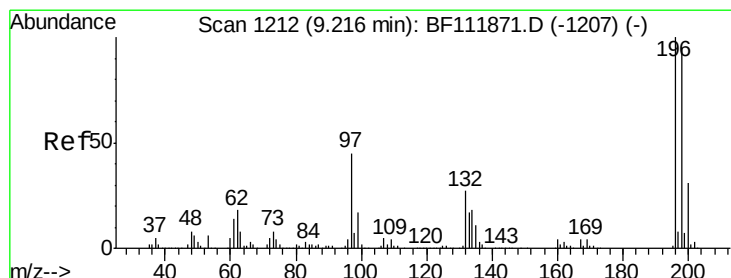
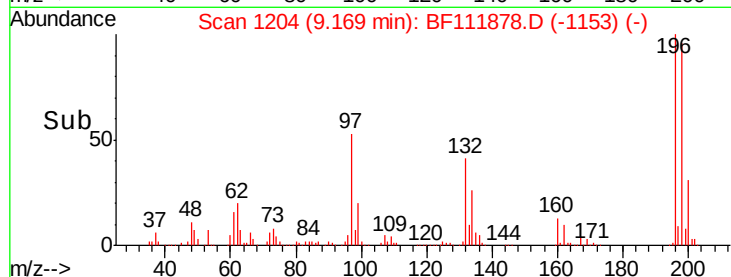
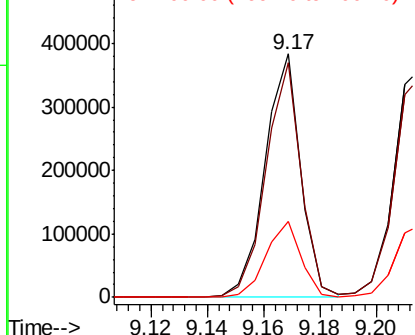


Abundance

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: 38.028 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

Tgt Ion	196	Resp	346322
Ion Ratio	Lower	Upper	
196	100		
198	95.5	76.2	114.2
97	44.7	36.4	54.6
132	25.8	21.7	32.5

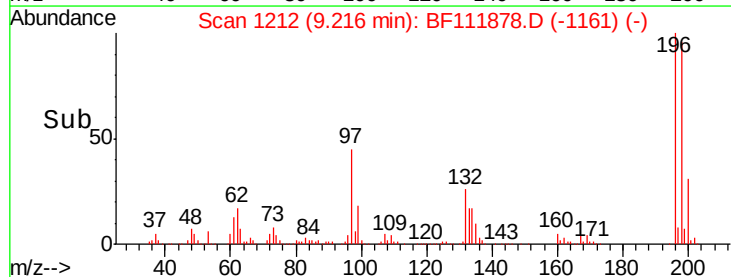
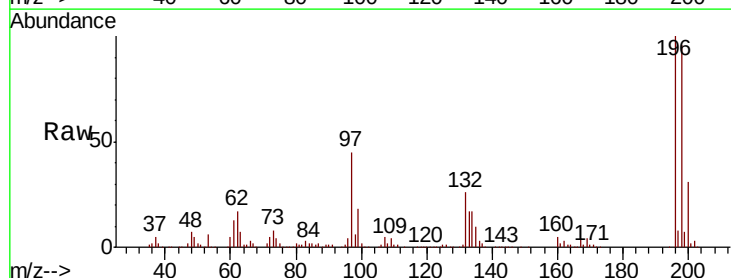
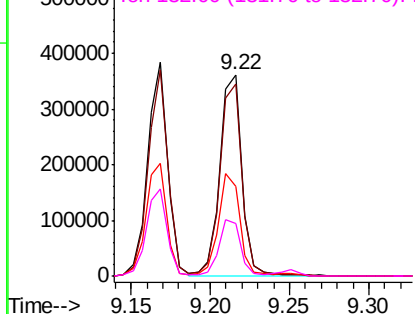
Abundance

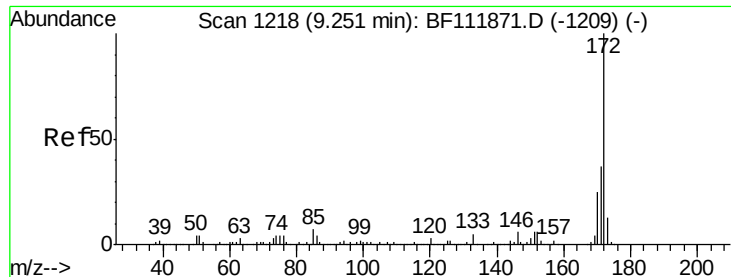
Ion 196.00 (195.70 to 196.70): E

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

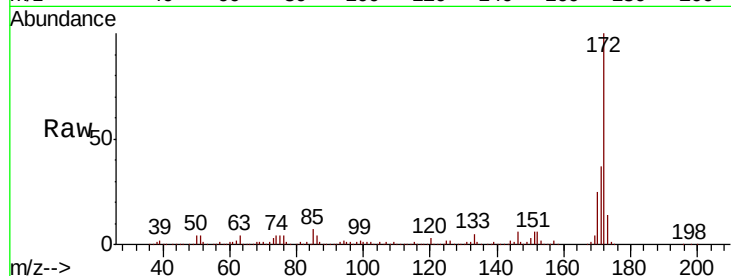




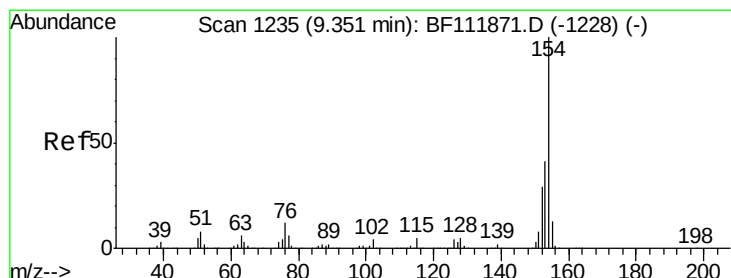
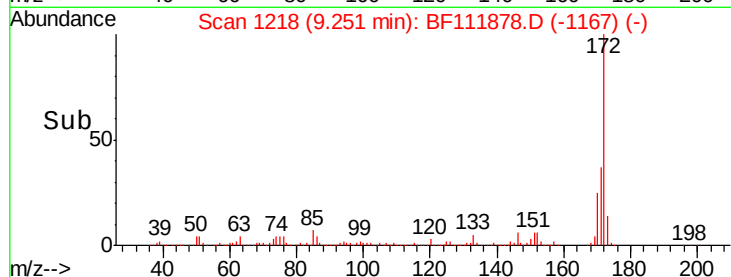
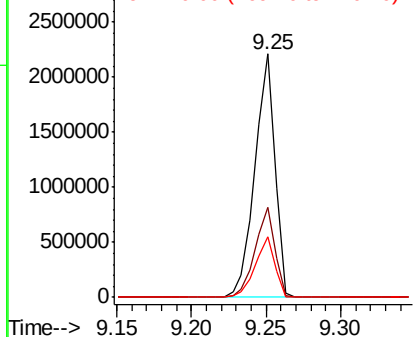
#45
2-Fluorobiphenyl
Concen: 74.115 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2043125
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 25.0 19.8 29.8

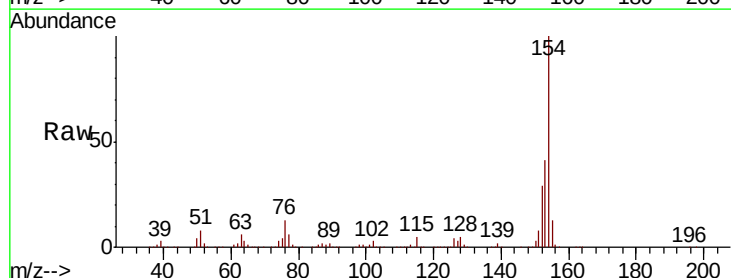


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

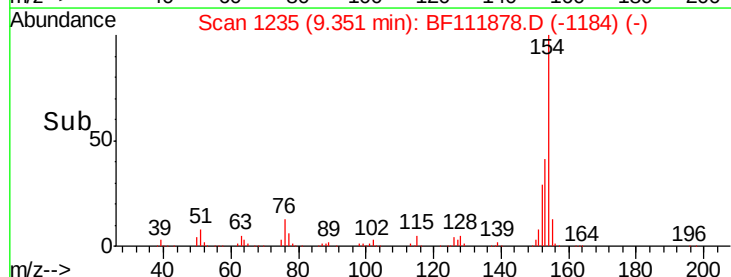
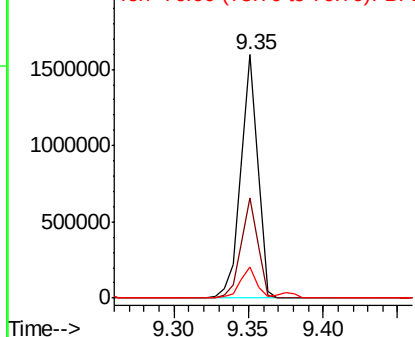


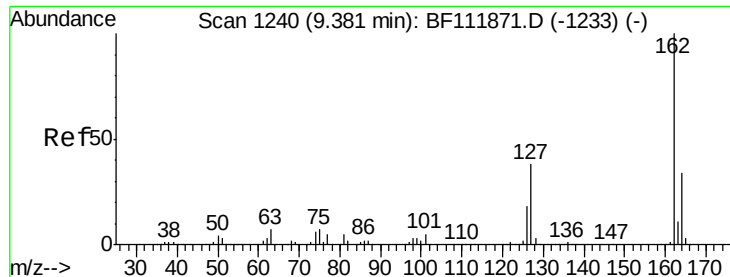
#46
1,1'-Biphenyl
Concen: 37.819 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Tgt Ion:154 Resp: 1271689
Ion Ratio Lower Upper
154 100
153 41.4 21.3 61.3
76 12.8 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

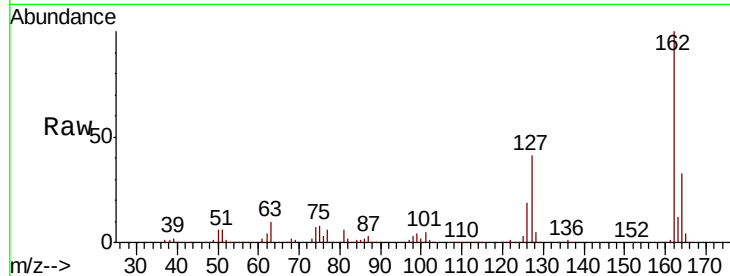




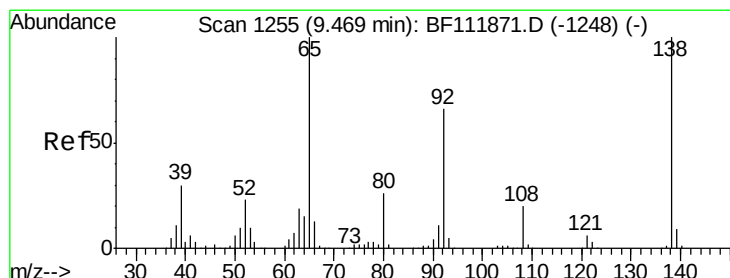
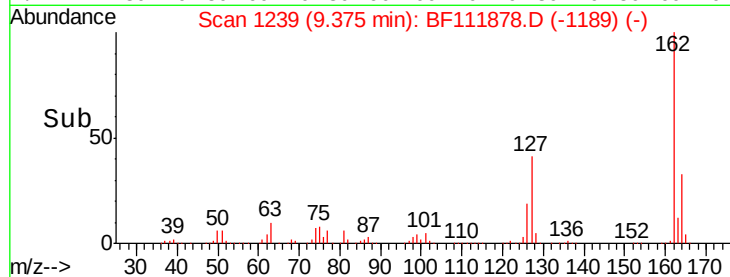
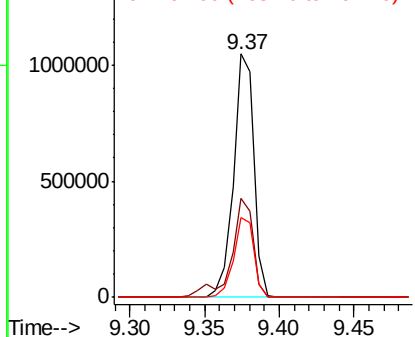
#47
 2-Chloronaphthalene
 Concen: 38.122 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 1006031
 Ion Ratio Lower Upper
 162 100
 127 40.9 31.2 46.8
 164 32.6 27.0 40.6

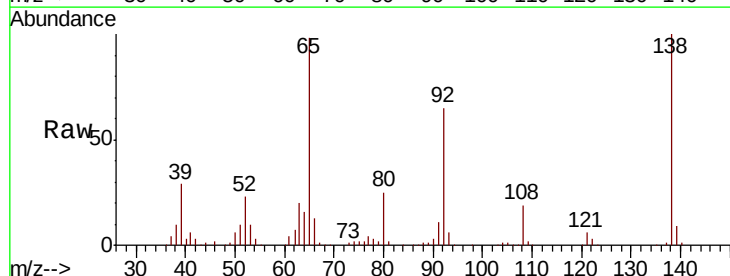


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

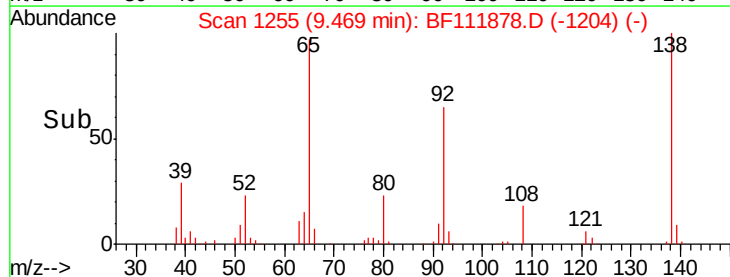
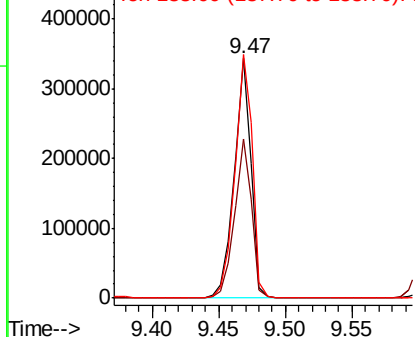


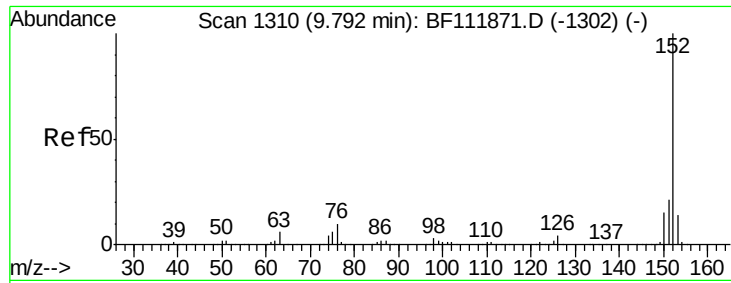
#48
 2-Nitroaniline
 Concen: 37.998 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

Tgt Ion: 65 Resp: 306580
 Ion Ratio Lower Upper
 65 100
 92 66.5 52.5 78.7
 138 101.7 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: 37.797 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

Instrument :

BNA_F

ClientSampleId :

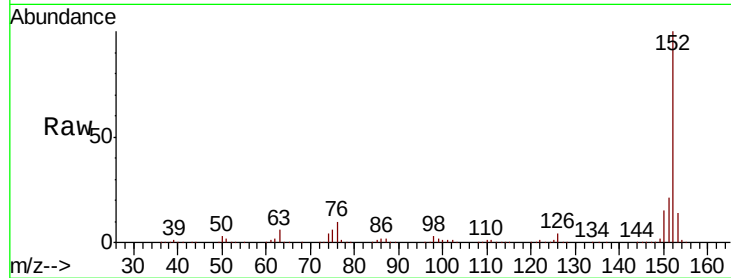
Tot Ion:152 Resp: 1474676

Ion Ratio Lower Upper

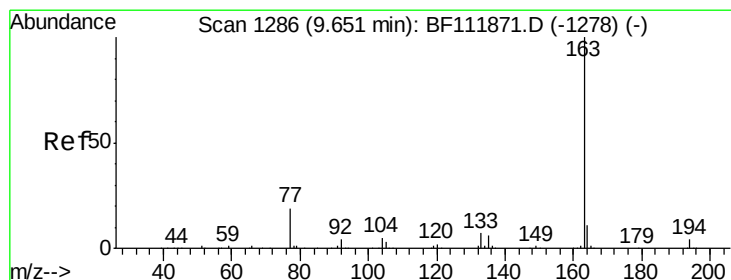
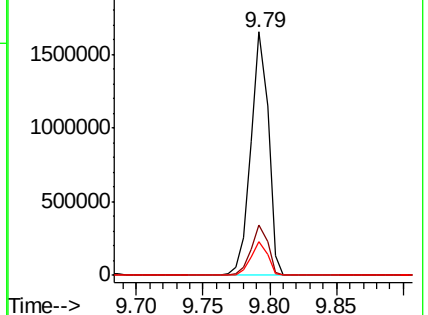
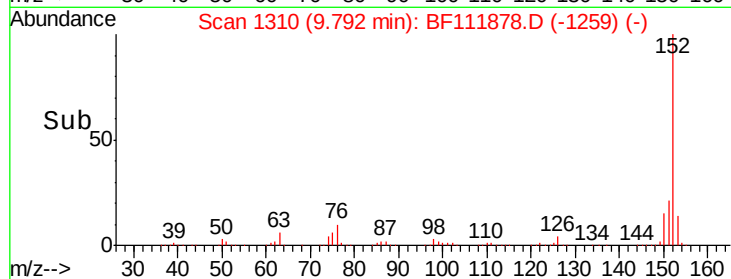
152 100

151 20.7 16.6 25.0

153 14.0 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: 37.206 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

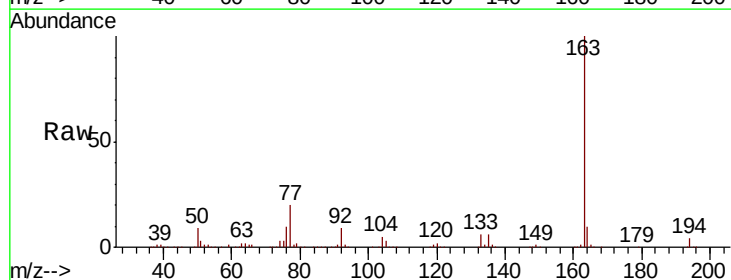
Tgt Ion:163 Resp: 1123530

Ion Ratio Lower Upper

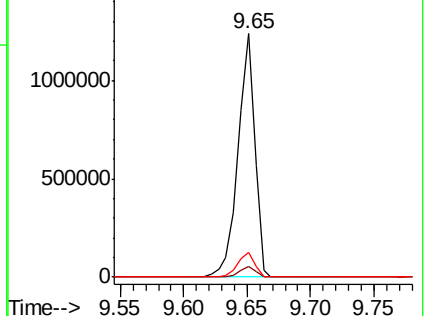
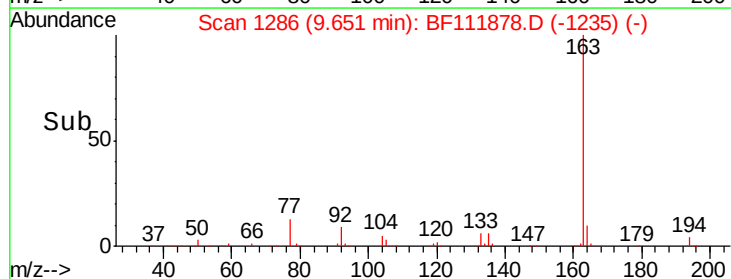
163 100

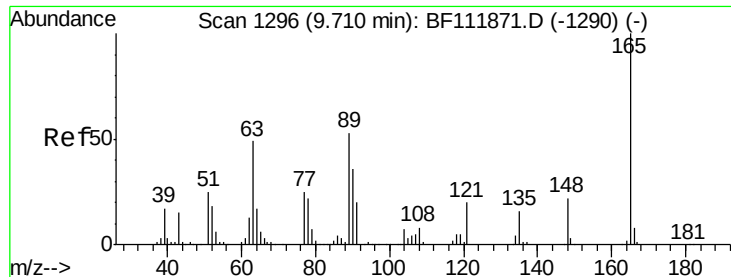
194 4.2 3.4 5.2

164 10.3 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: 38.400 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

Instrument :
BNA_F
ClientSampled :

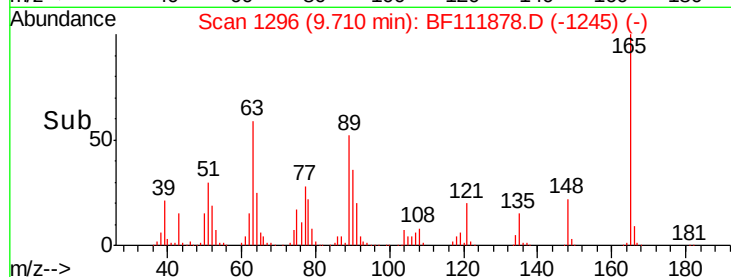
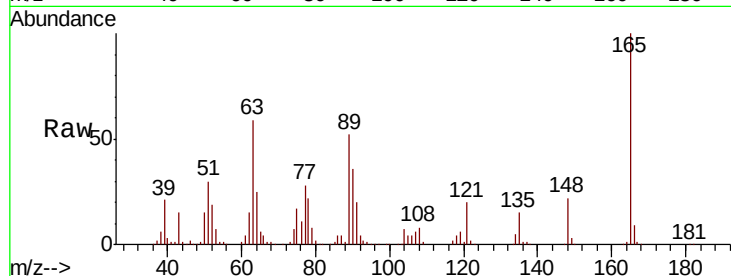
Tot Ion:165 Resp: 259304

Ion Ratio Lower Upper

165 100

63 59.3 46.2 69.2

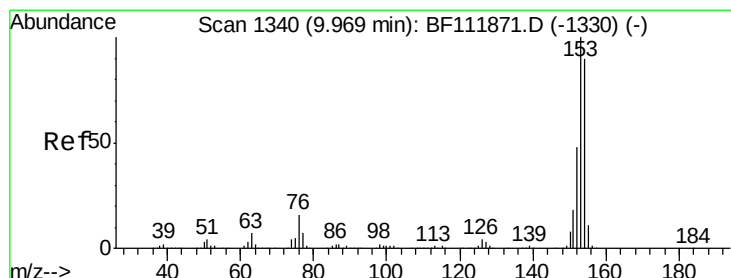
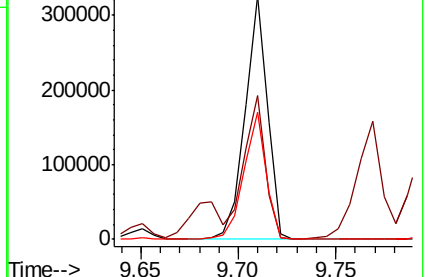
89 52.1 42.2 63.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.326 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

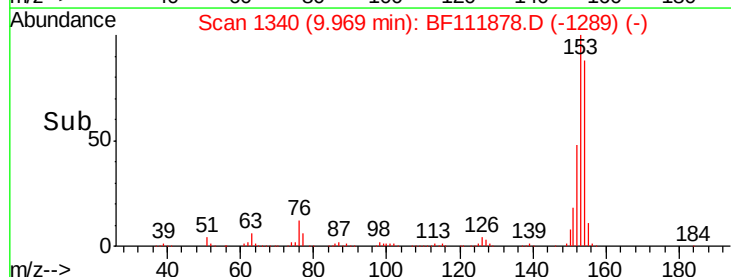
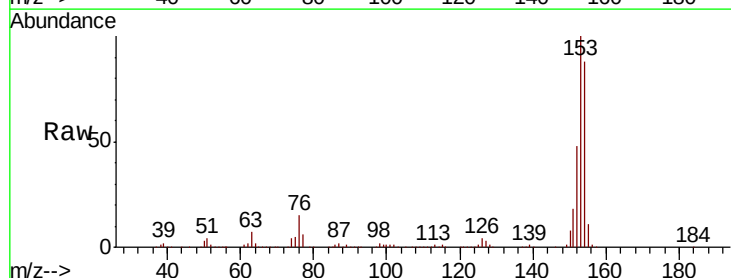
Tgt Ion:154 Resp: 938837

Ion Ratio Lower Upper

154 100

153 113.6 89.4 134.0

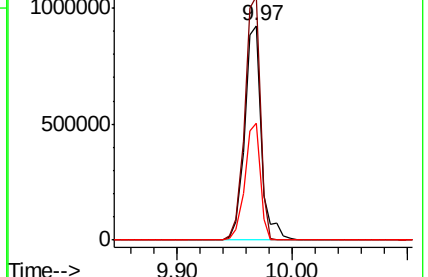
152 54.3 43.1 64.7

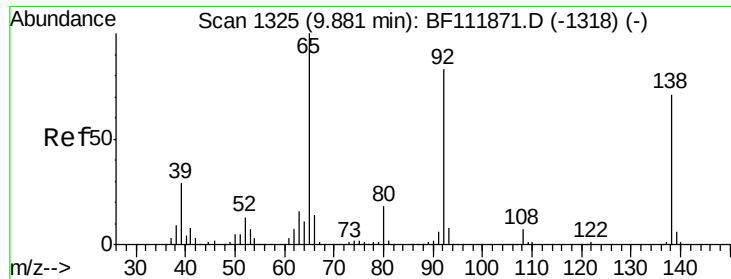


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

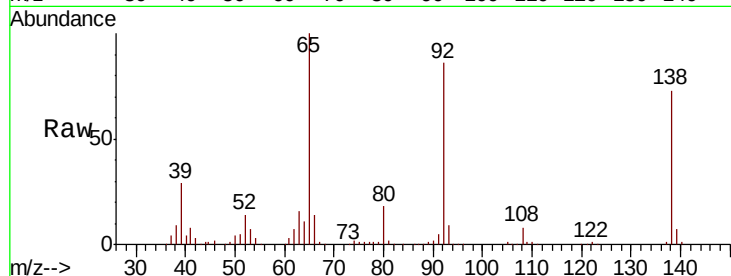




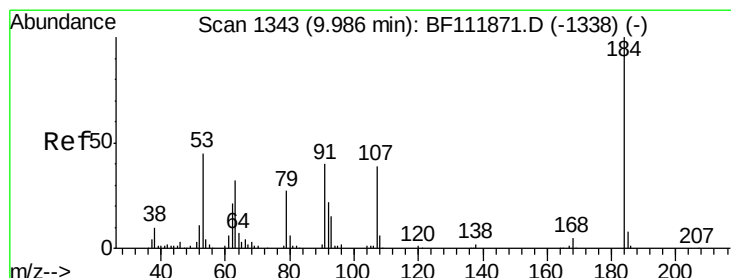
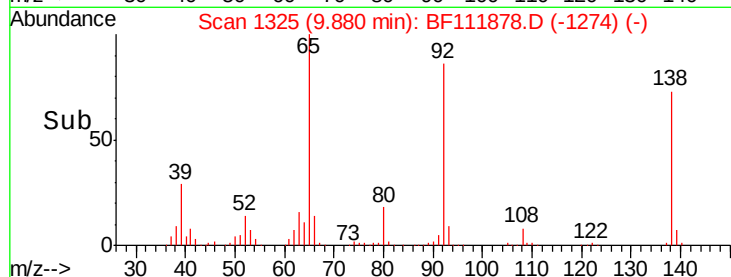
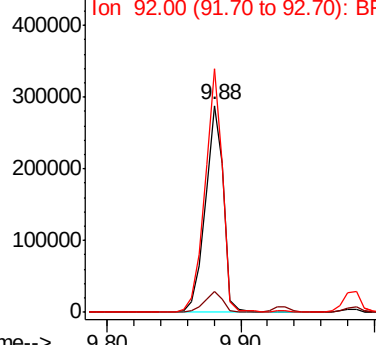
#53
3-Nitroaniline
Concen: 38.058 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 275216
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.4
92 117.7 93.5 140.3

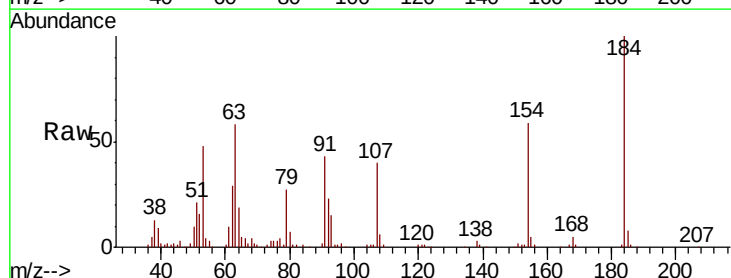


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

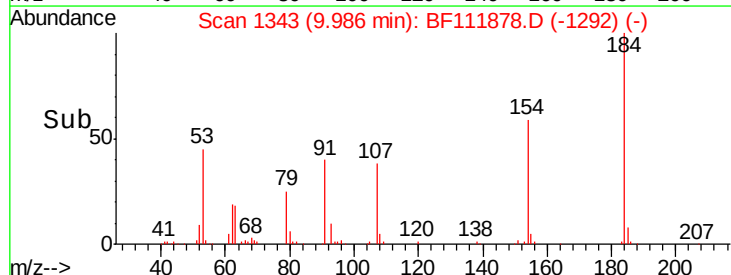
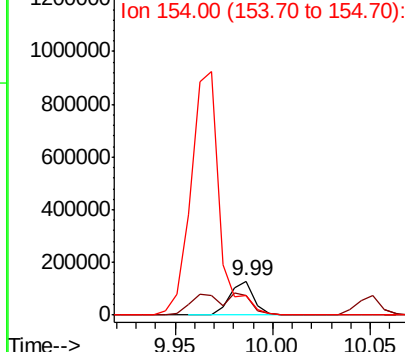


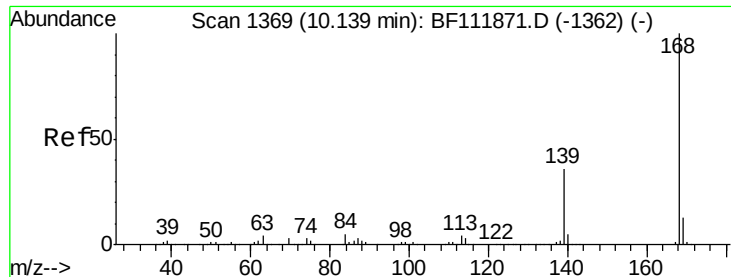
#54
2,4-Dinitrophenol
Concen: 38.974 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Tgt Ion:184 Resp: 111440
Ion Ratio Lower Upper
184 100
63 58.0 46.9 70.3
154 59.2 46.9 70.3



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

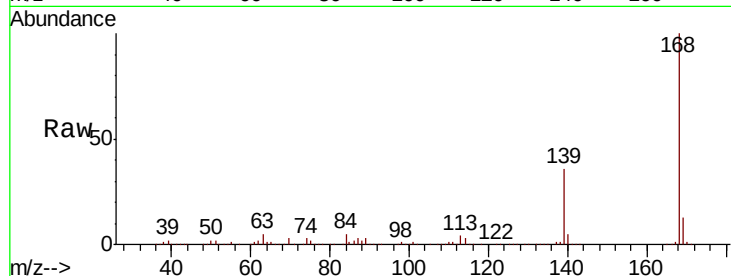




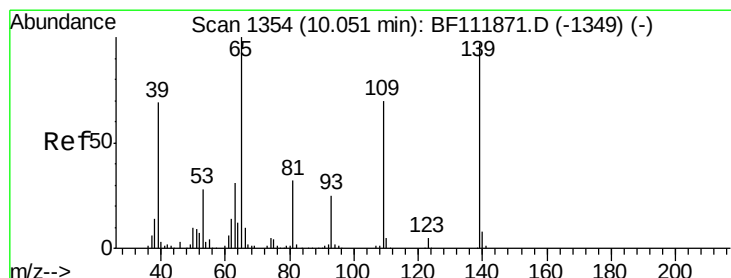
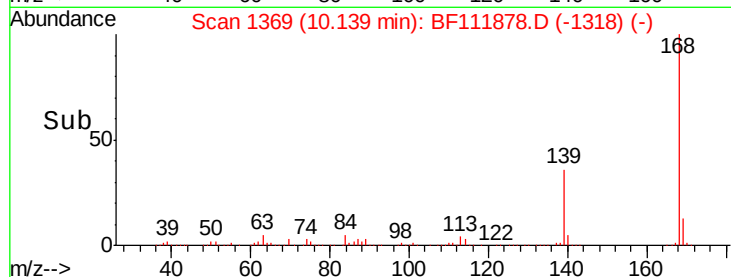
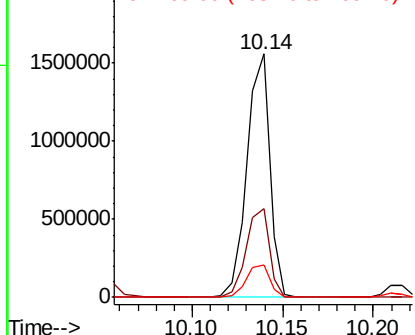
#55
Dibenzofuran
Concen: 37.443 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1369675
Ion Ratio Lower Upper
168 100
139 36.4 29.3 43.9
169 13.3 10.6 16.0

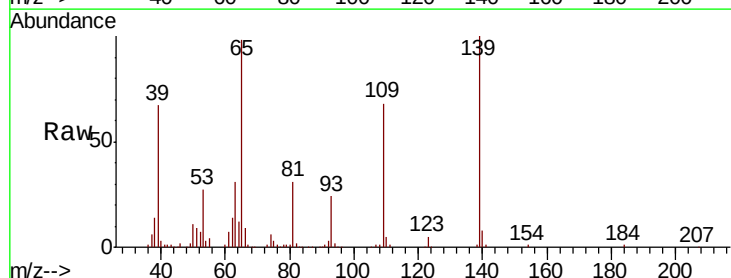


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

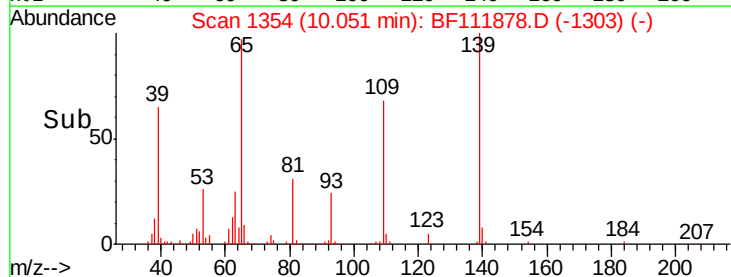
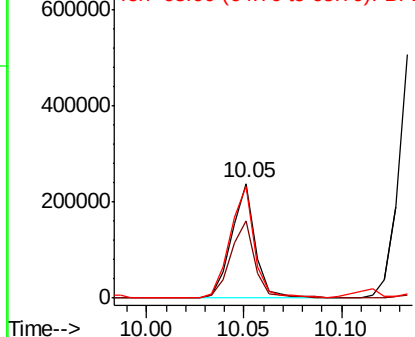


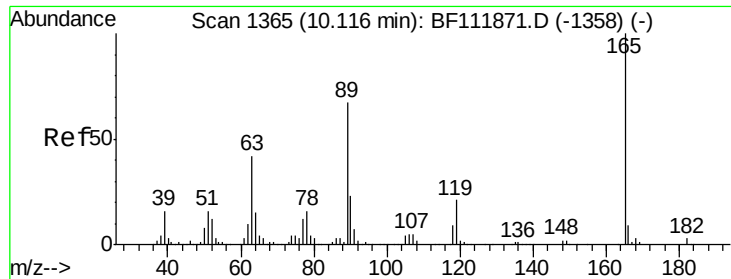
#56
4-Nitrophenol
Concen: 39.555 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Tgt Ion:139 Resp: 202112
Ion Ratio Lower Upper
139 100
109 67.7 52.2 92.2
65 97.7 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

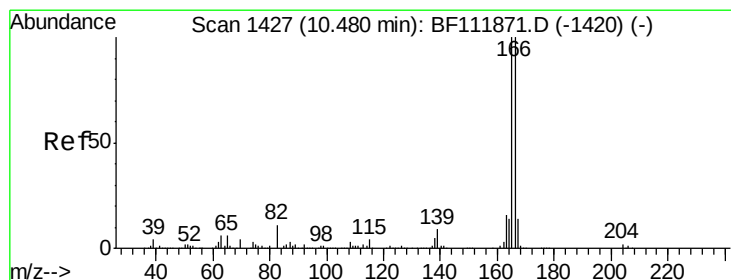
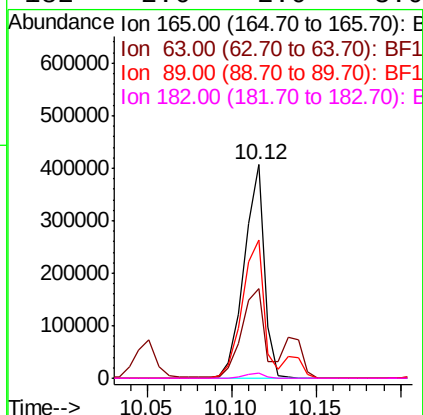
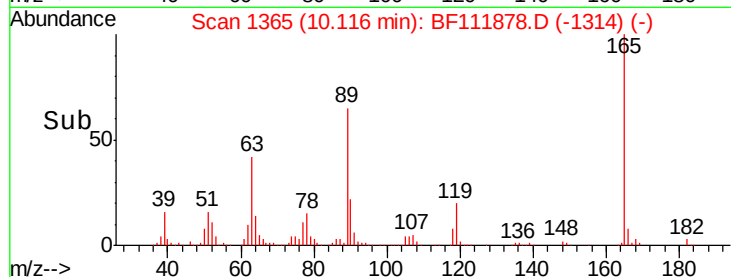
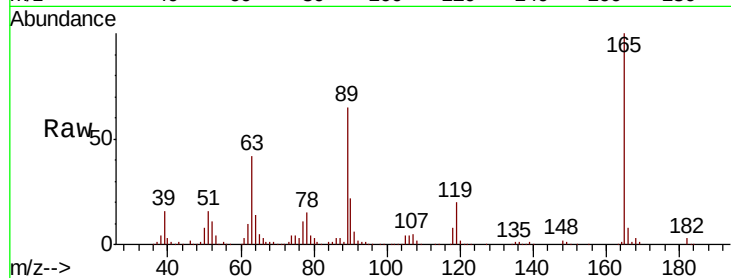




#57
2,4-Dinitrotoluene
Concen: 38.885 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

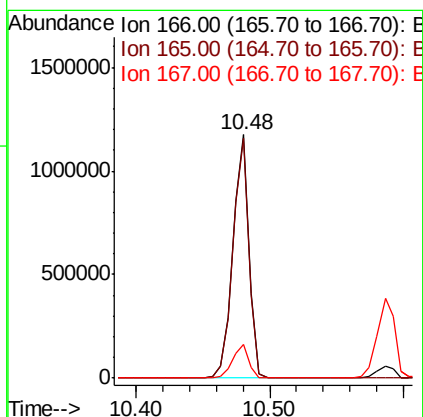
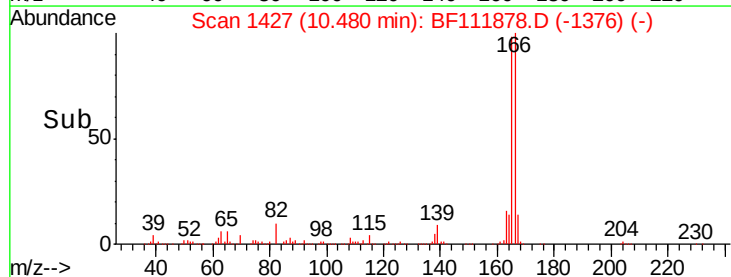
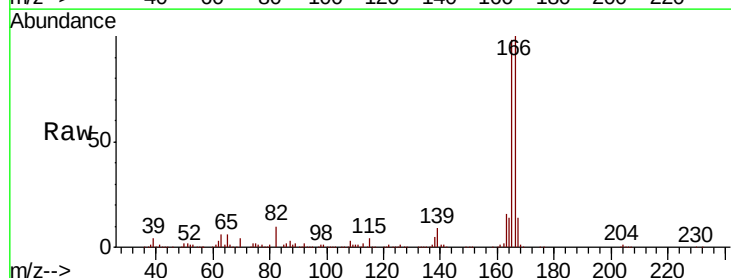
Instrument :
BNA_F
ClientSampleId :

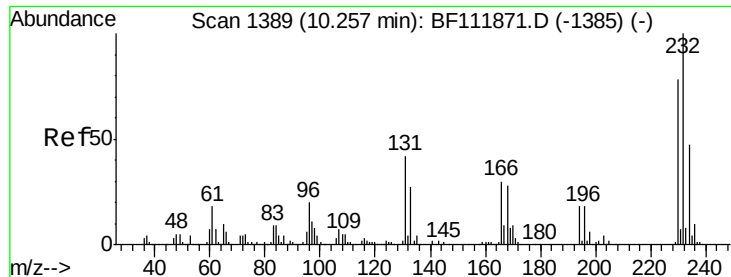
Tot Ion:165	Resp:	339297	
Ion Ratio	Lower	Upper	
165 100			
63 42.0	34.1	51.1	
89 64.6	53.5	80.3	
182 2.6	2.0	3.0	



#58
Fluorene
Concen: 37.501 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Tgt	Ion:166	Resp:	998164
Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.7	119.5
167	13.6	11.1	16.7

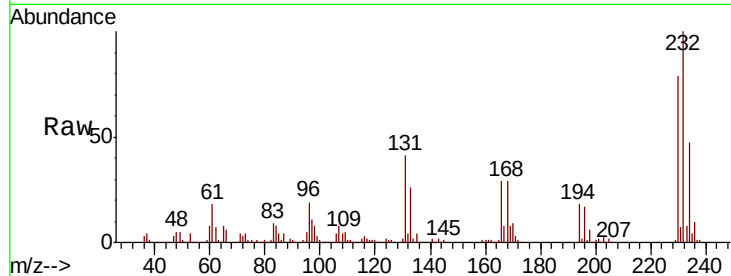




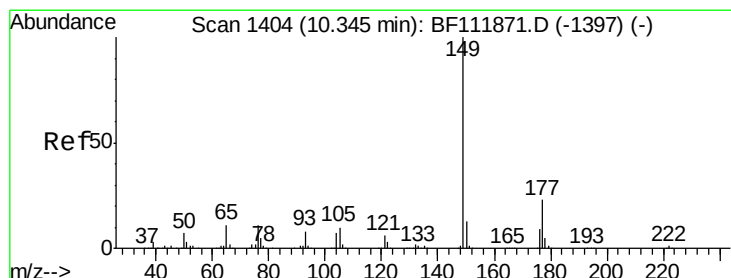
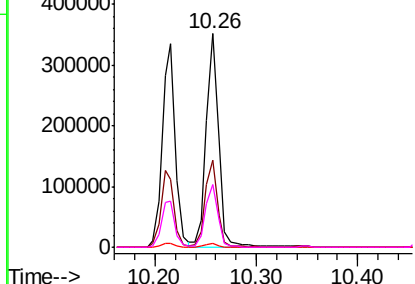
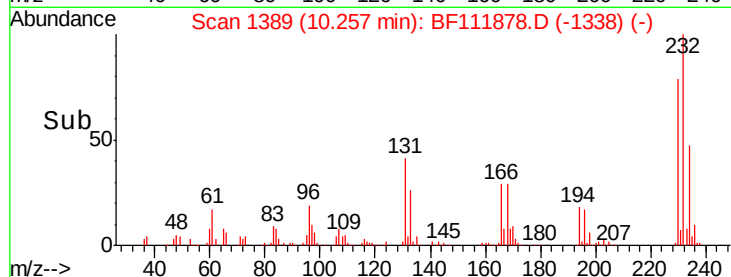
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.863 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	298205
Ion	Ratio	Lower	Upper
232	100		
131	40.8	34.0	51.0
130	2.1	1.6	2.4
166	29.6	23.4	35.0

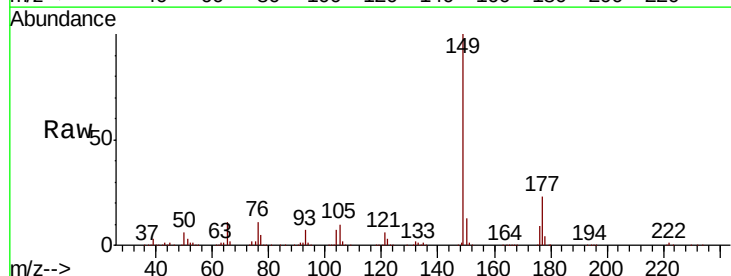


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

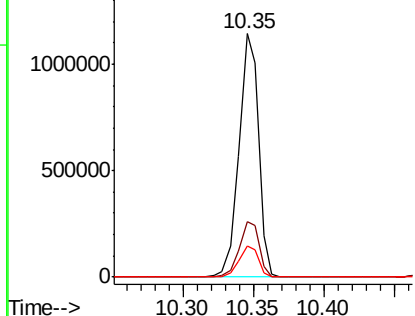
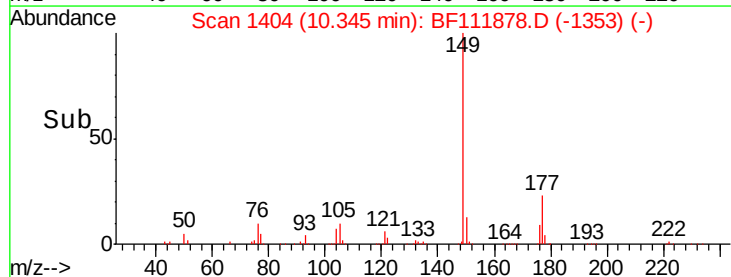


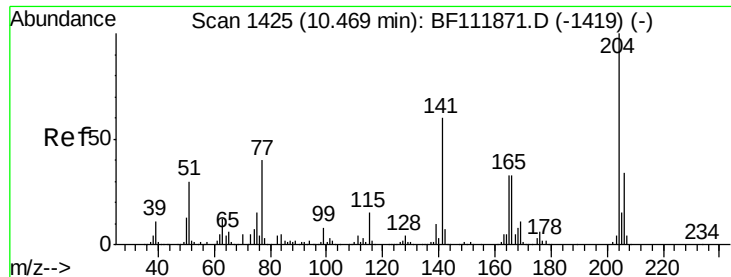
#60
 Diethylphthalate
 Concen: 37.573 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

Tgt Ion:	149	Resp:	1097986
Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.3	27.5
150	12.6	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

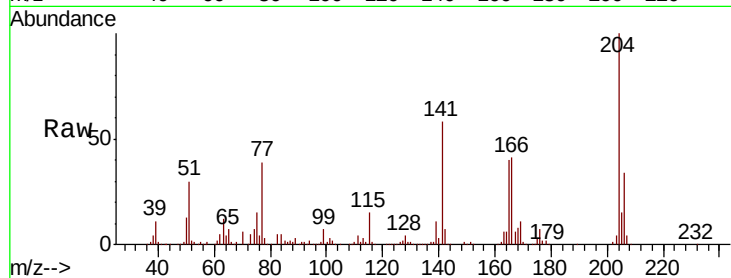




#61
4-Chlorophenyl-phenylether
Concen: 37.656 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.9	40.3
141	57.9	47.9	71.9

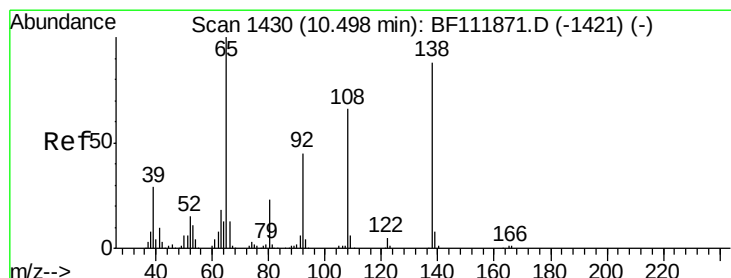
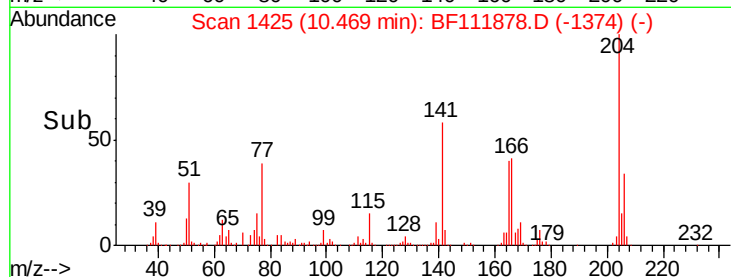
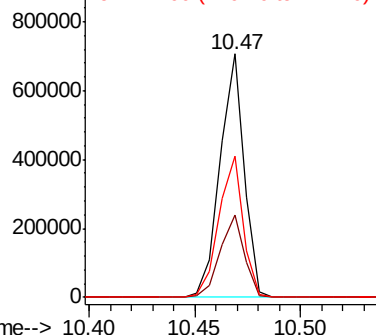


Abundance

Ion 204.00 (203.70 to 204.70): E

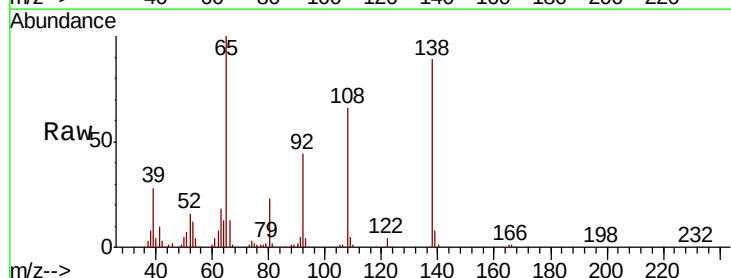
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.764 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	31.0	71.0
108	74.5	54.7	94.7

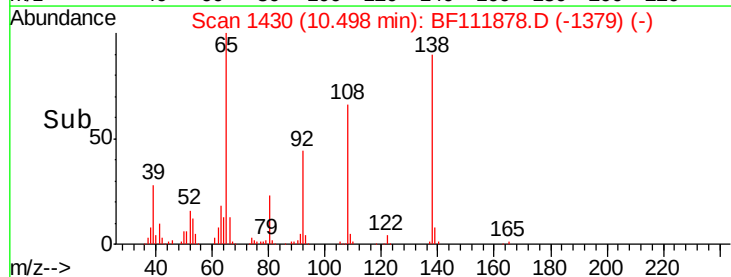
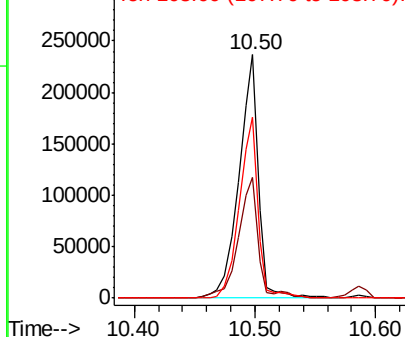


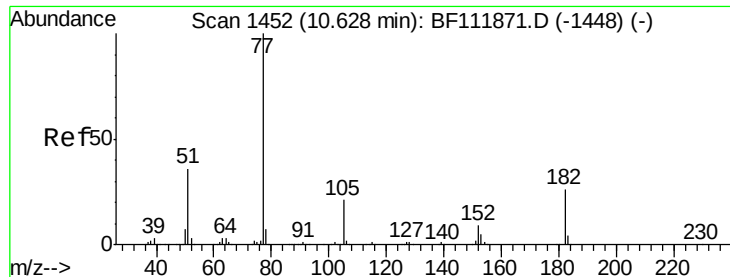
Abundance

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: 38.076 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1062947

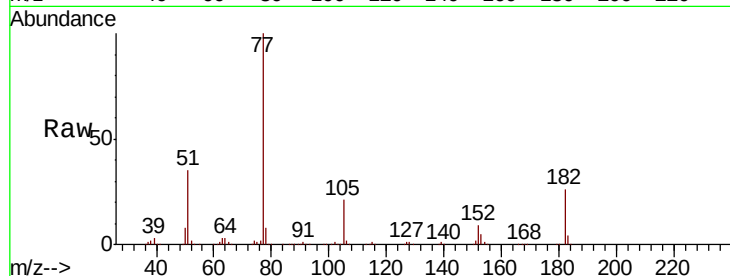
Ion	Ratio	Lower	Upper
77	100		
182	26.0	5.7	45.7
105	21.1	0.8	40.8
51	34.7	15.6	55.6

77 100

182 26.0 5.7 45.7

105 21.1 0.8 40.8

51 34.7 15.6 55.6

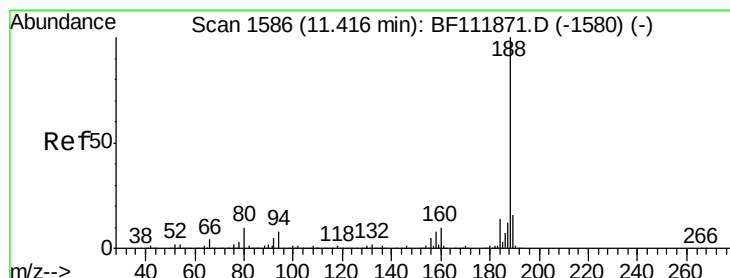
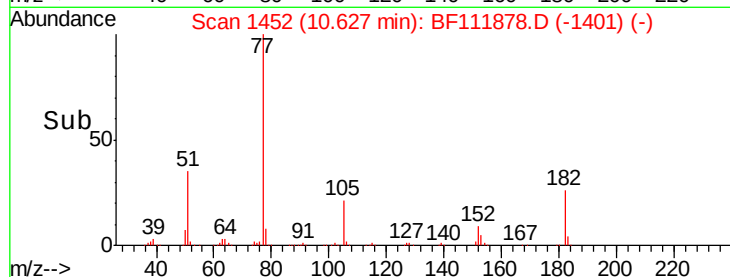
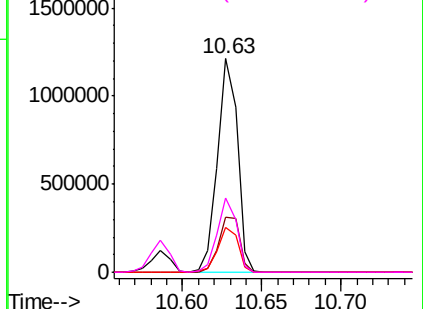


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

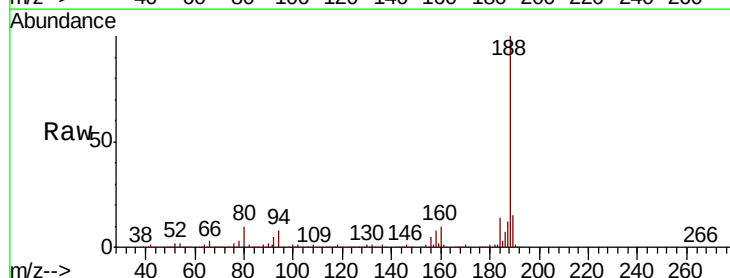
Tgt Ion: 188 Resp: 758274

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.8	7.7	11.5

188 100

94 8.5 6.6 10.0

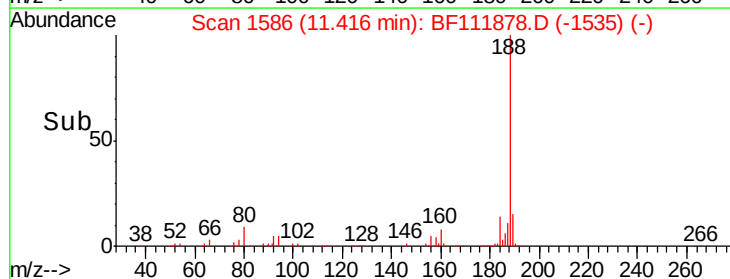
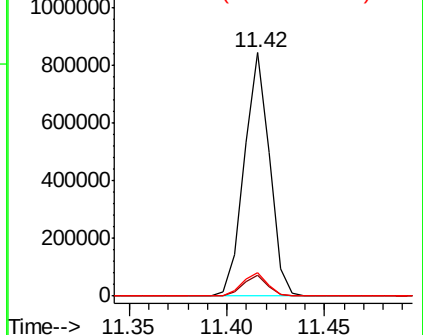
80 9.8 7.7 11.5

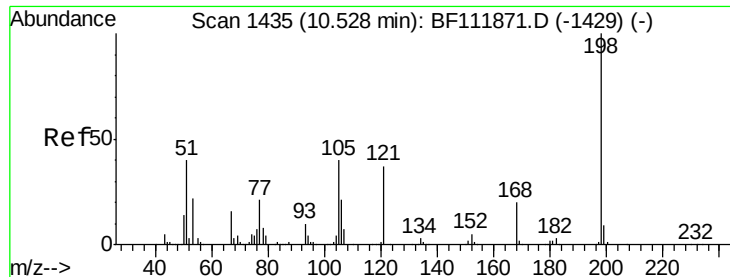


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

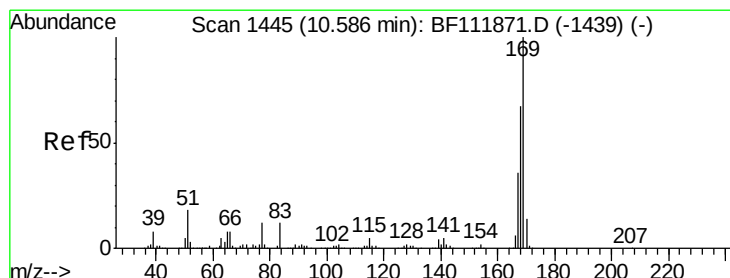
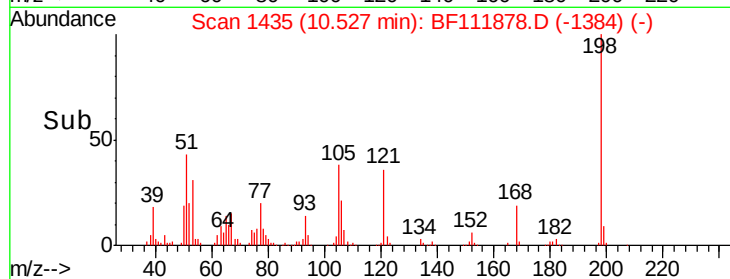
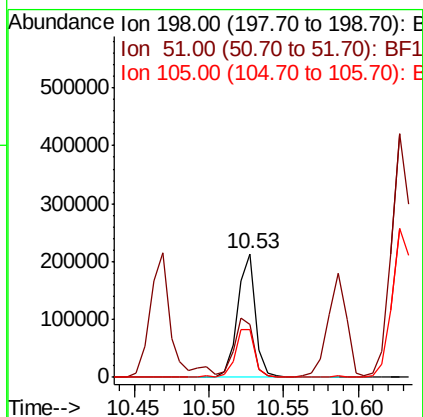
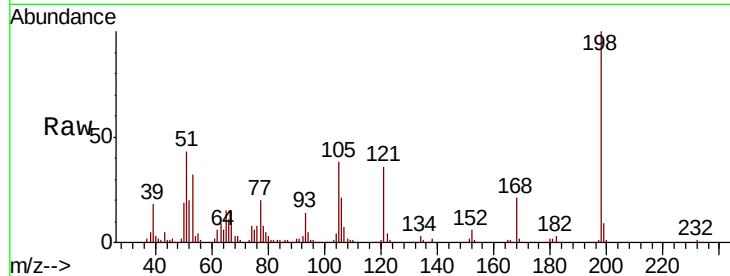




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.420 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

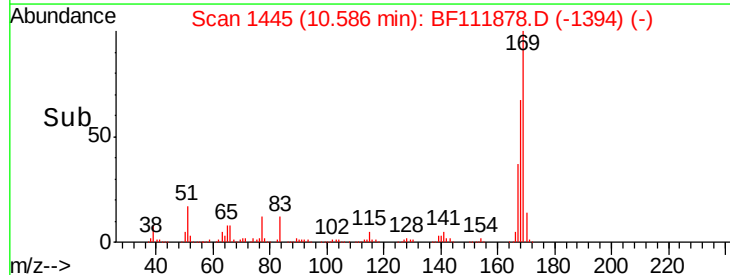
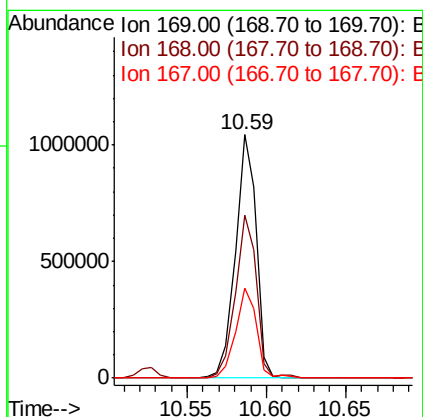
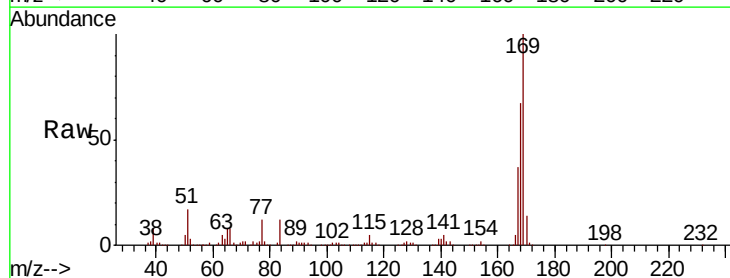
Instrument :
 BNA_F
 ClientSampleId :

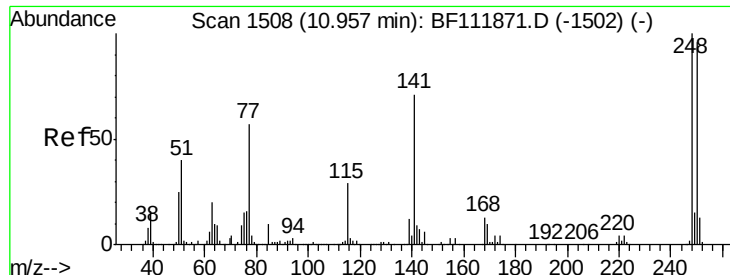
Tot Ion:198 Resp: 179757
 Ion Ratio Lower Upper
 198 100
 51 43.0 27.2 67.2
 105 38.2 21.0 61.0



#66
 n-Nitrosodiphenylamine
 Concen: 37.223 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

Tgt Ion:169 Resp: 947181
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.8 80.6
 167 36.8 29.1 43.7

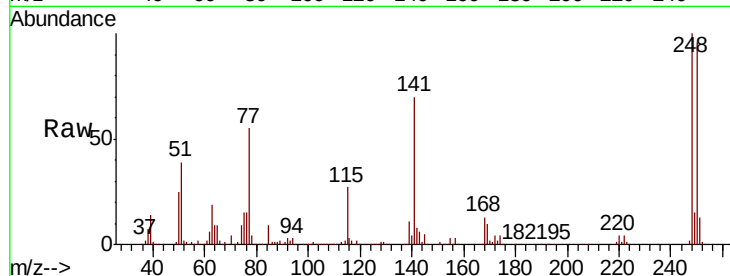




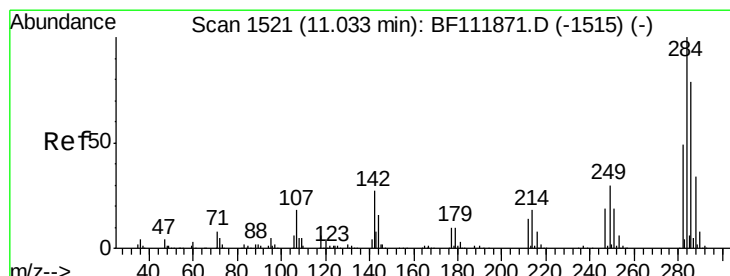
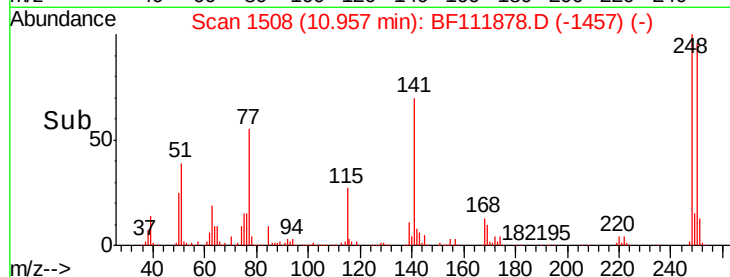
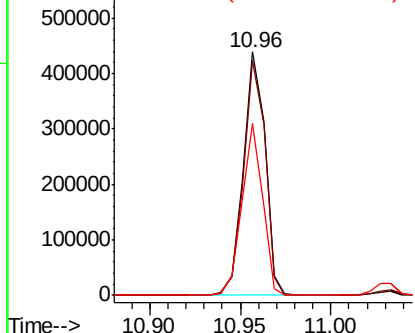
#67
 4-Bromophenyl-phenylether
 Concen: 37.092 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 364291
 Ion Ratio Lower Upper
 248 100
 250 96.2 76.8 115.2
 141 70.5 57.0 85.6

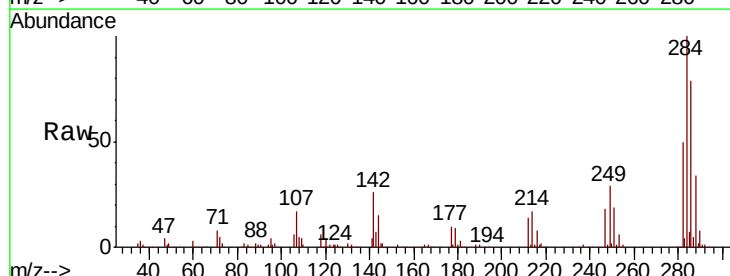


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

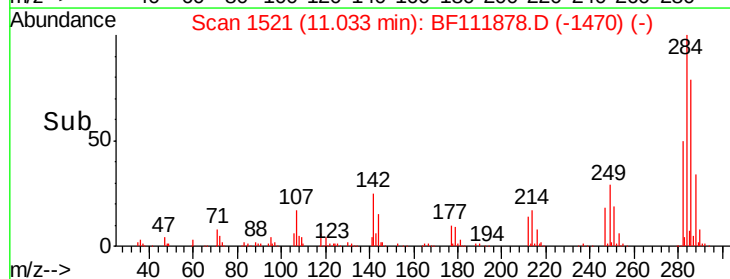
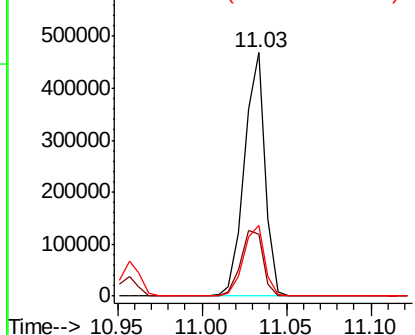


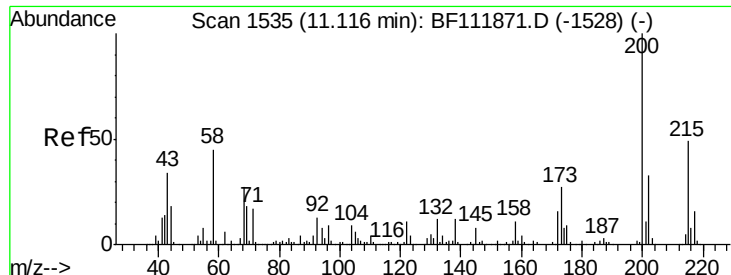
#68
 Hexachlorobenzene
 Concen: 36.626 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

Tgt Ion:284 Resp: 398662
 Ion Ratio Lower Upper
 284 100
 142 25.5 21.8 32.6
 249 29.3 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: 36.672 ng

RT: 11.12 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

Instrument :

BNA_F

ClientSampled :

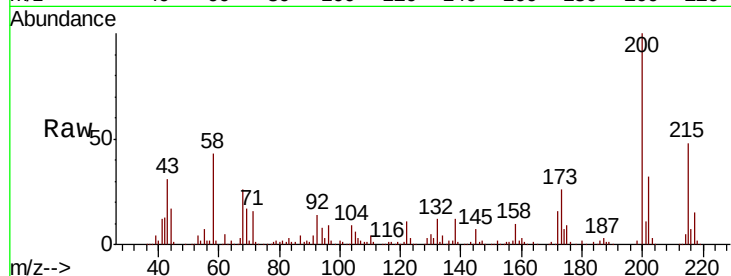
Tot Ion:200 Resp: 327855

Ion Ratio Lower Upper

200 100

173 26.0 6.6 46.6

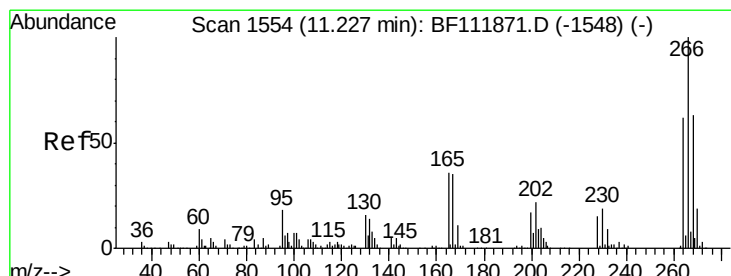
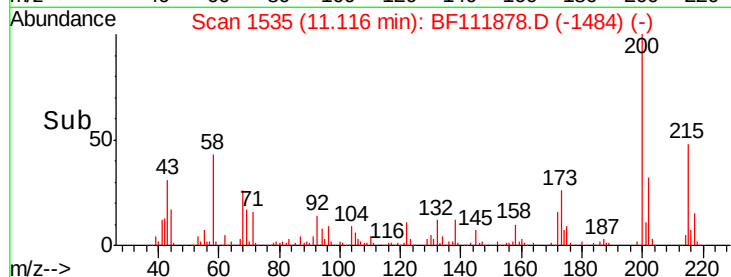
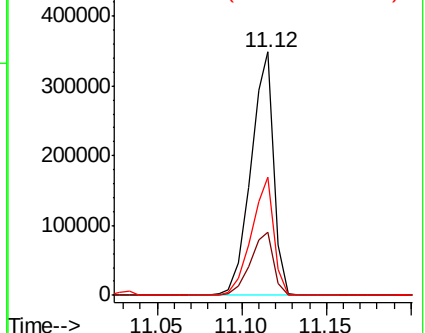
215 48.4 28.9 68.9



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: 38.549 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

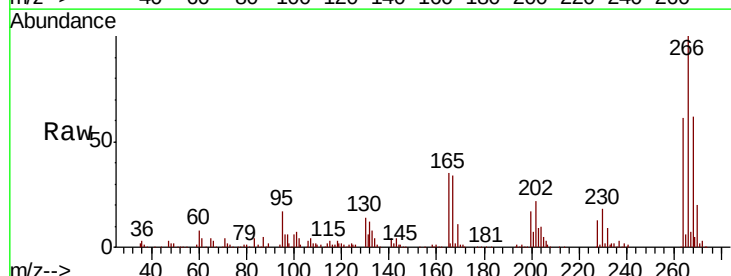
Tgt Ion:266 Resp: 238768

Ion Ratio Lower Upper

266 100

268 62.4 50.6 76.0

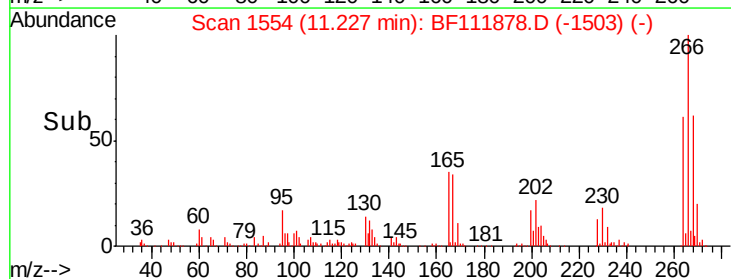
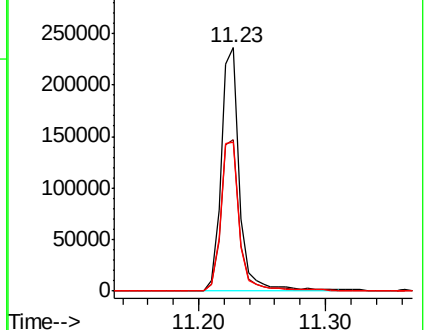
264 61.3 49.3 73.9

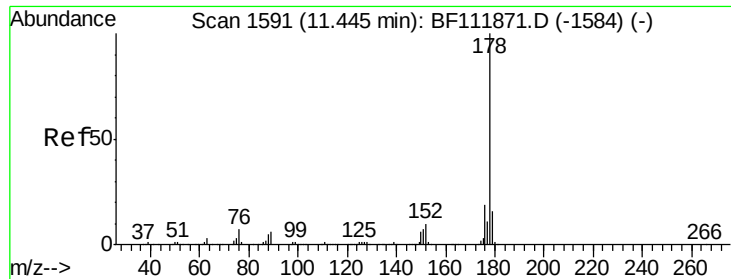


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

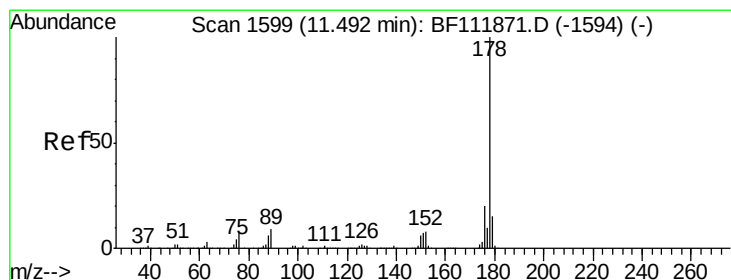
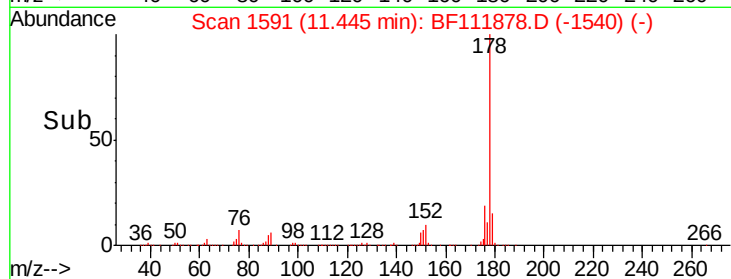
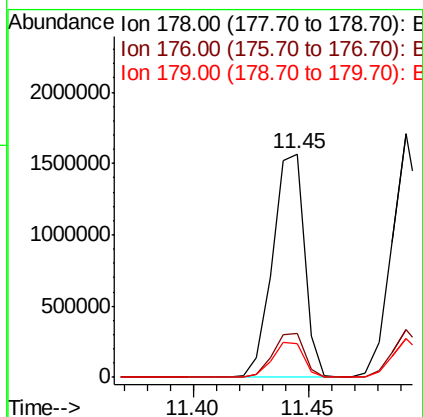
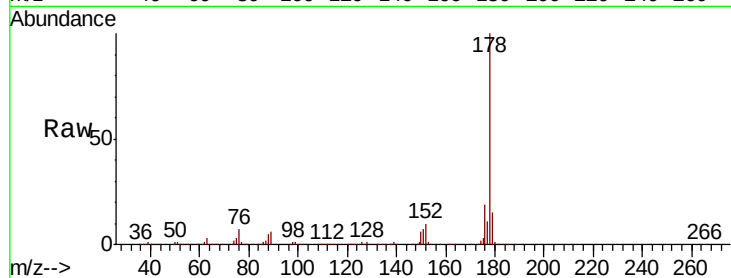




#71
Phenanthrene
Concen: 37.003 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

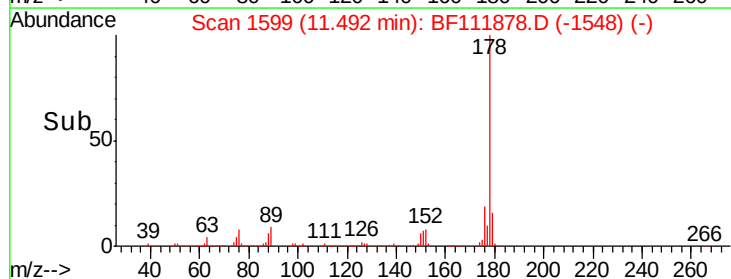
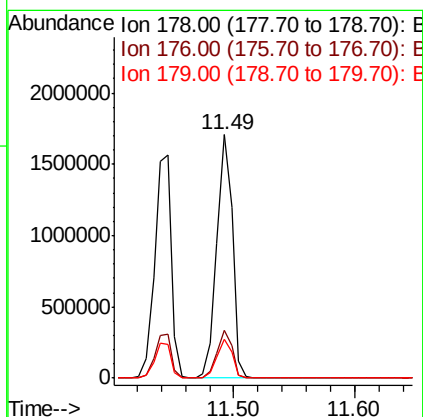
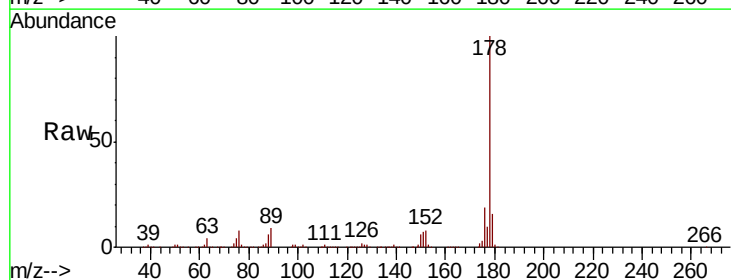
Instrument :
BNA_F
ClientSampleId :

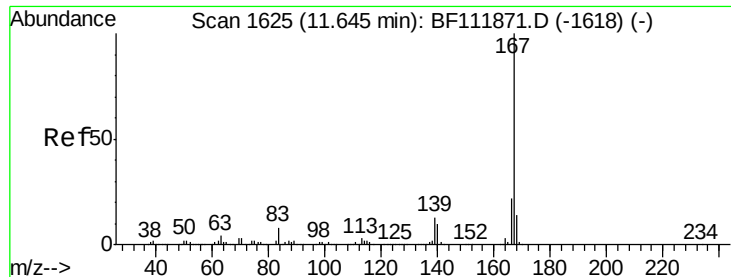
Tot Ion:178 Resp: 1500126
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.2 12.6 18.8



#72
Anthracene
Concen: 36.691 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Tgt Ion:178 Resp: 1509991
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 16.0 12.4 18.6

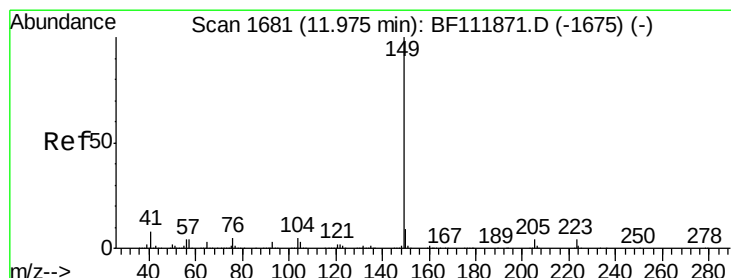
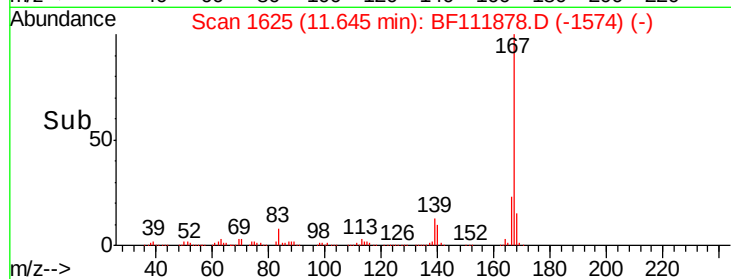
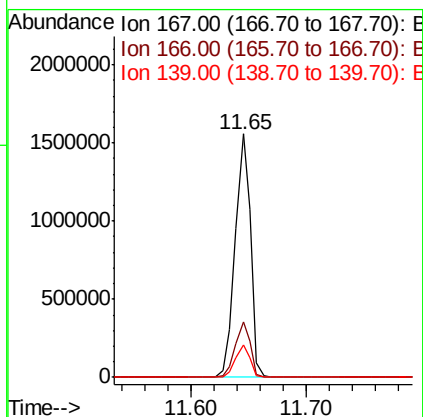
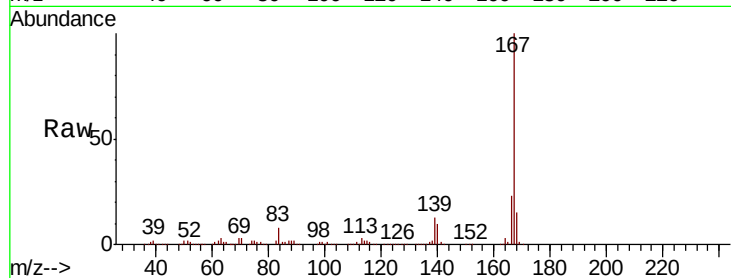




#73
 Carbazole
 Concen: 35.924 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

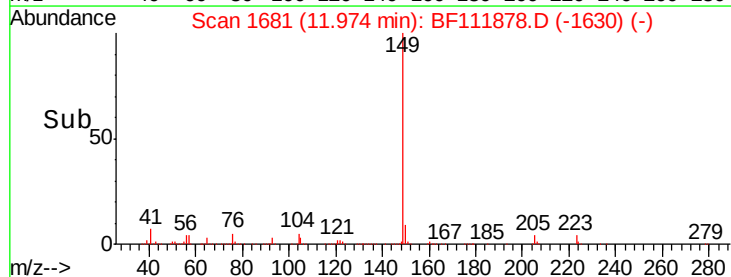
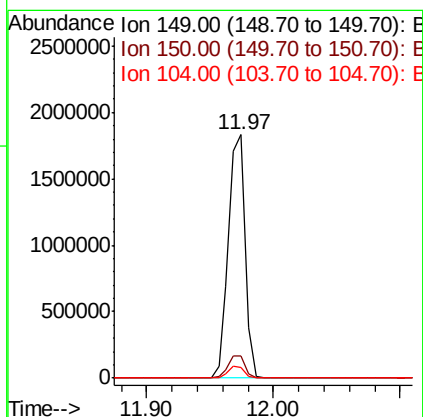
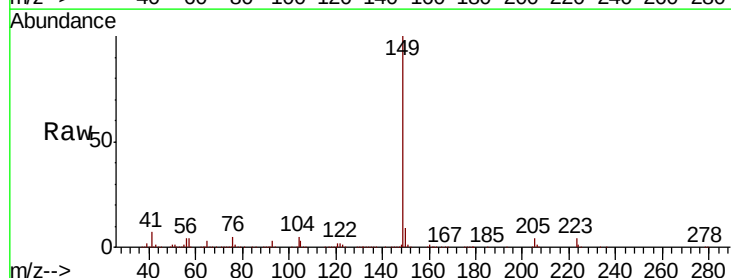
Instrument :
 BNA_F
 ClientSampleId :

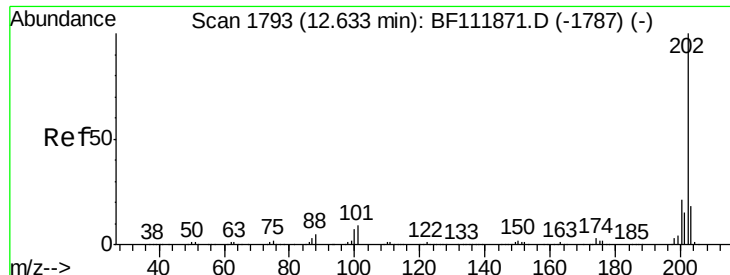
Tot Ion:167 Resp: 1438112
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.6
 139 13.2 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 35.971 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

Tgt Ion:149 Resp: 1672637
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.6 3.9 5.9

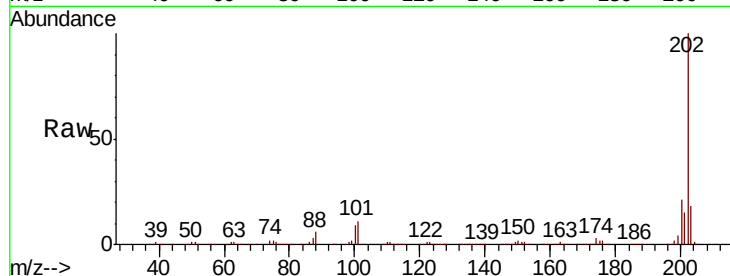




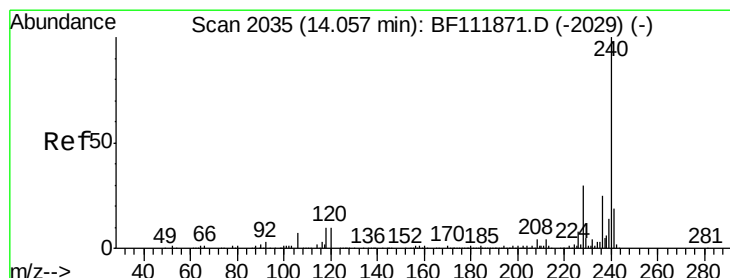
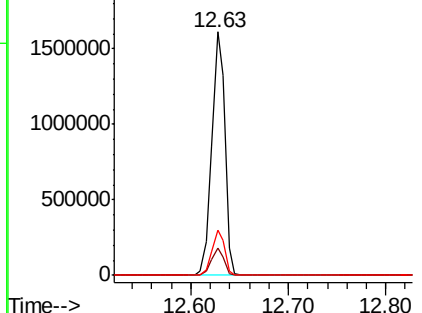
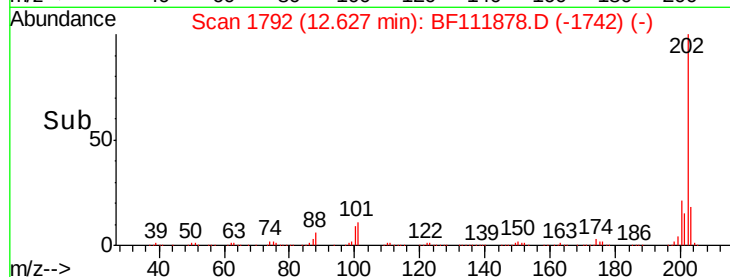
#75
 Fluoranthene
 Concen: 35.912 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1494623
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 29.3
 203 18.4 0.0 37.6

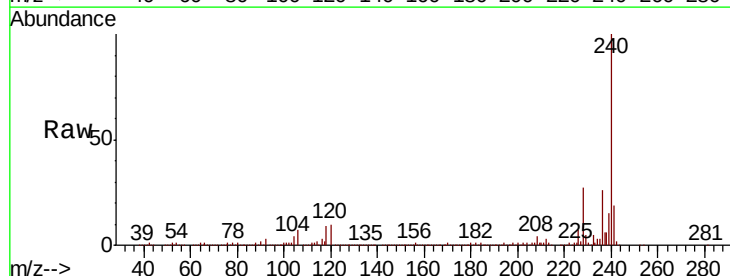


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

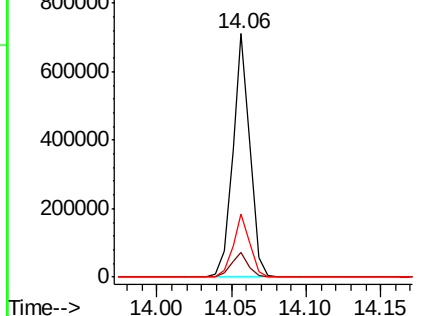
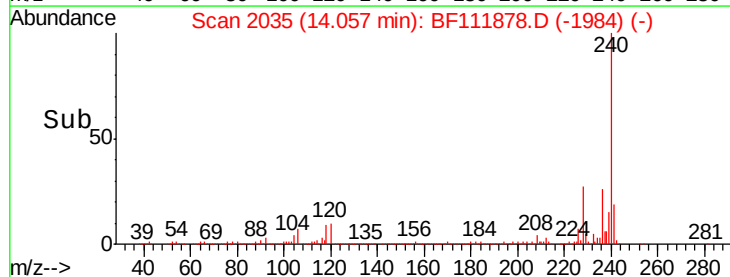


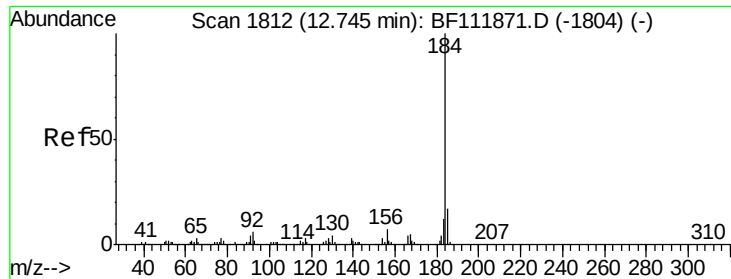
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF111878.D
 Acq: 7 Jan 2019 15:58

Tgt Ion:240 Resp: 572937
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.2 12.2
 236 26.1 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: 38.033 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

Instrument :

BNA_F

ClientSampleId :

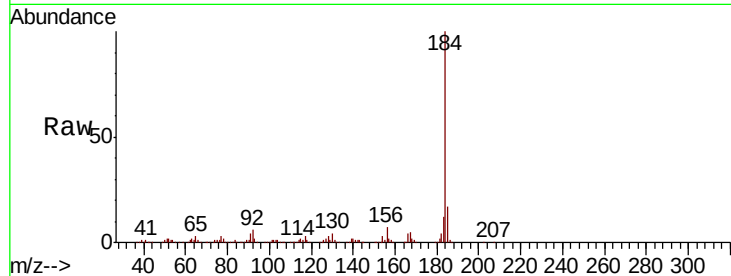
Tot Ion:184 Resp: 651113

Ion Ratio Lower Upper

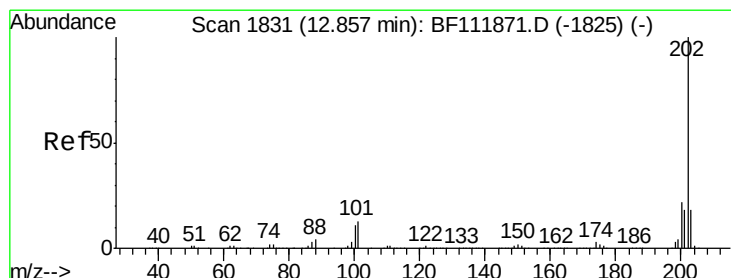
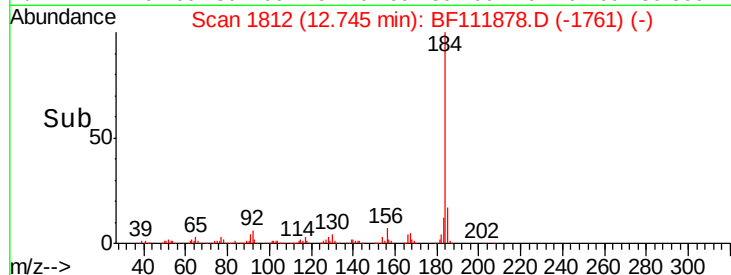
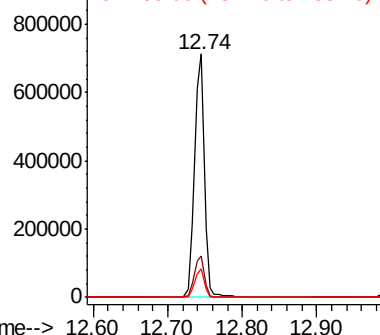
184 100

185 16.8 13.4 20.0

183 11.9 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: 39.175 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

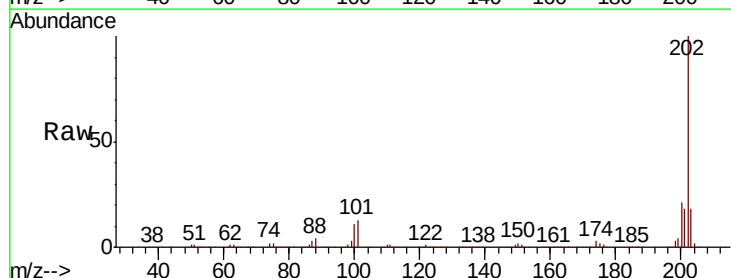
Tgt Ion:202 Resp: 1544341

Ion Ratio Lower Upper

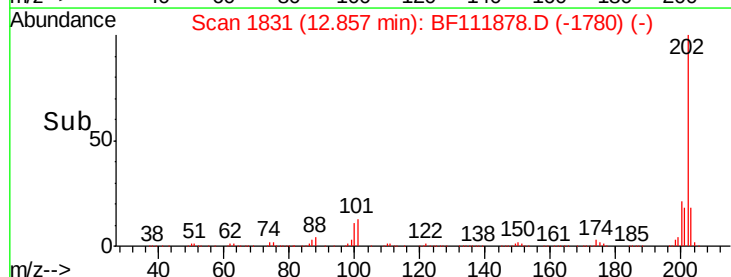
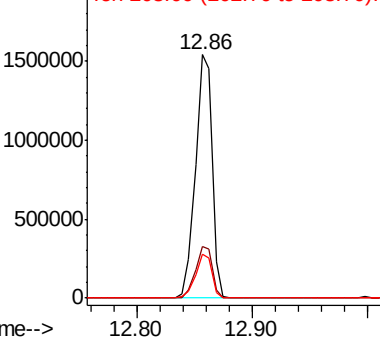
202 100

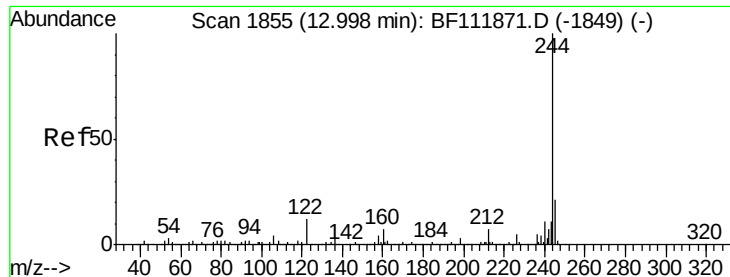
200 21.5 17.4 26.2

203 18.0 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: 75.647 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

Instrument :

BNA_F

ClientSampled :

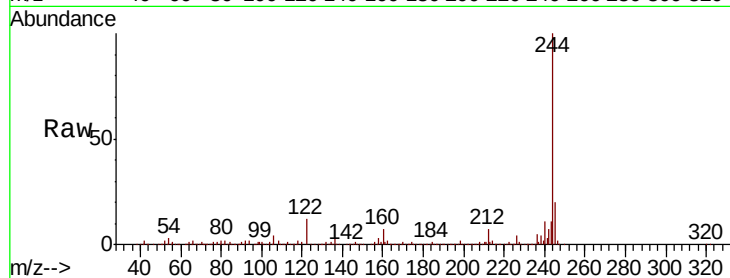
Tot Ion:244 Resp: 2283244

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

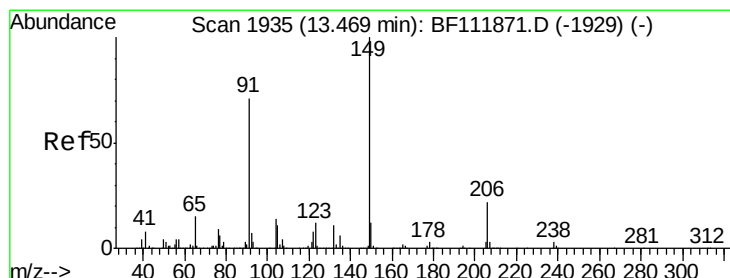
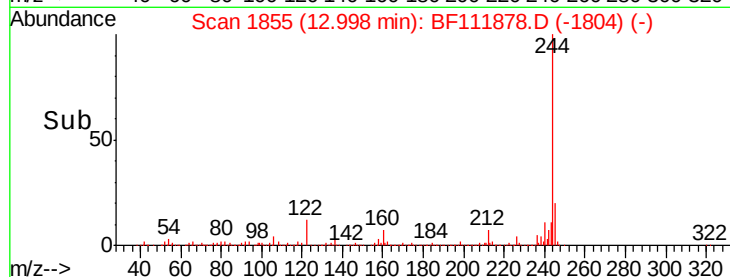
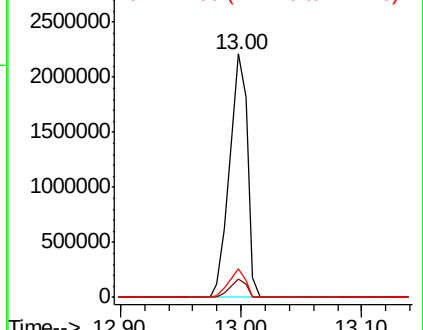
122 11.6 9.5 14.3



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: 39.287 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

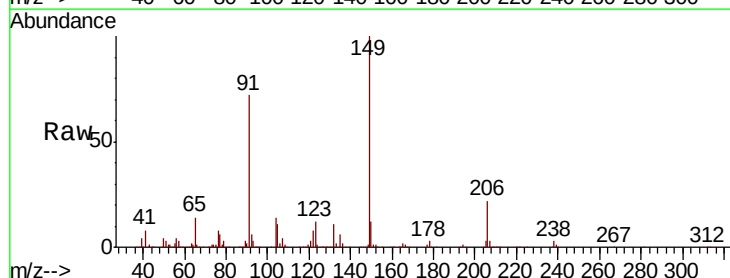
Tgt Ion:149 Resp: 654764

Ion Ratio Lower Upper

149 100

91 71.6 57.2 85.8

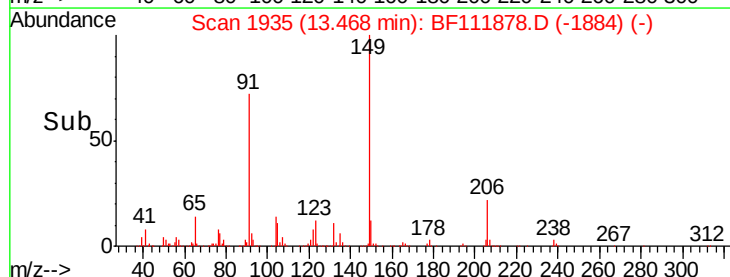
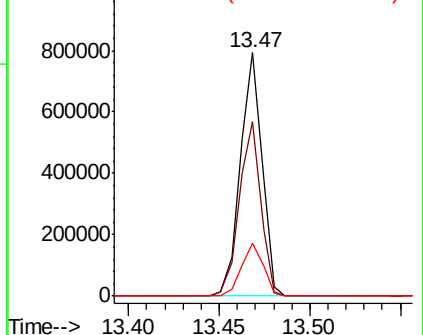
206 21.8 17.3 25.9

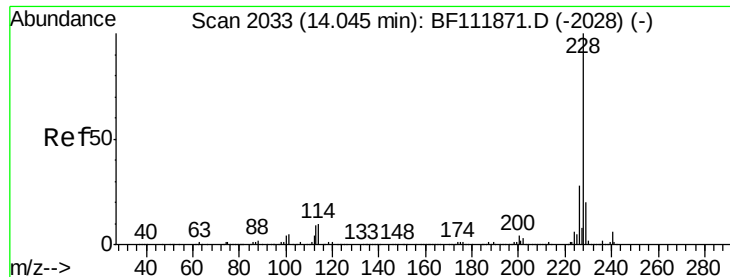


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.654 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

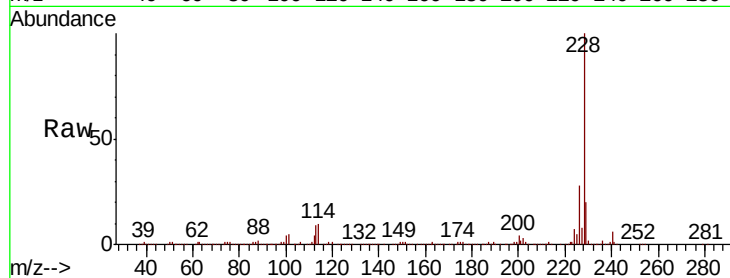
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1241568

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.2
229	19.8	16.2	24.2

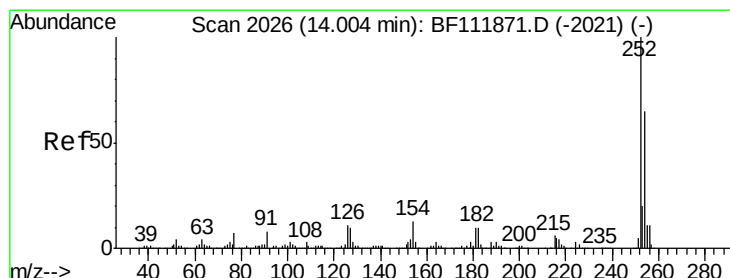
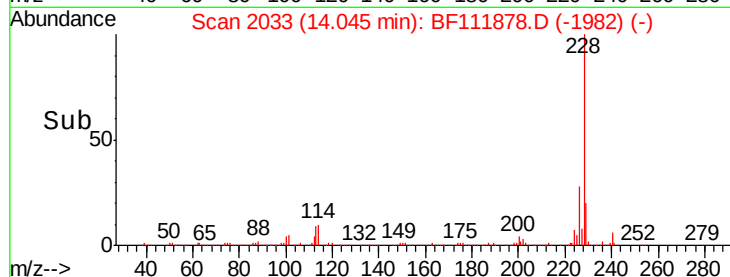
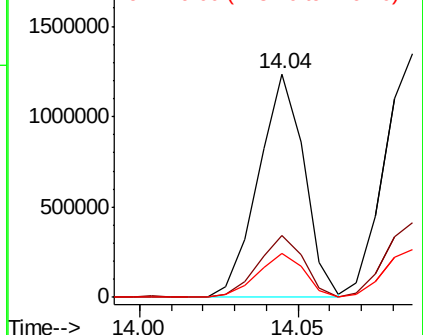


Abundance

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: 37.467 ng

RT: 14.00 min Scan# 2026

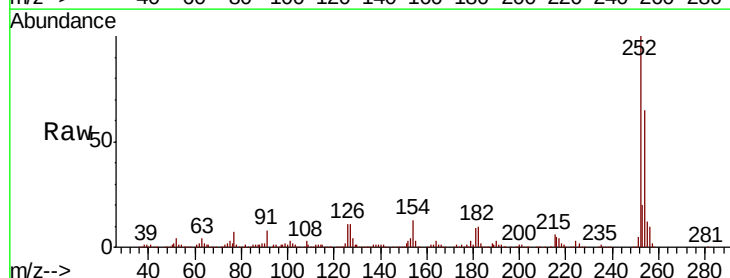
Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

Tgt Ion:252 Resp: 456094

Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.1	78.1
126	10.8	8.6	12.8

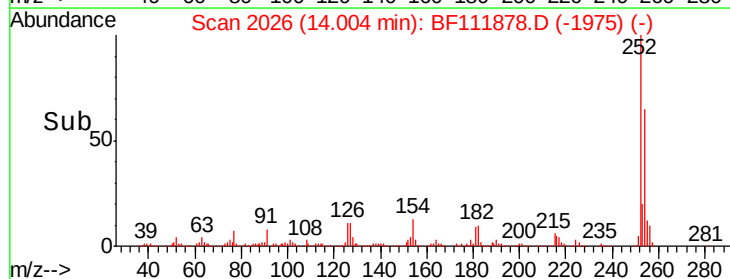
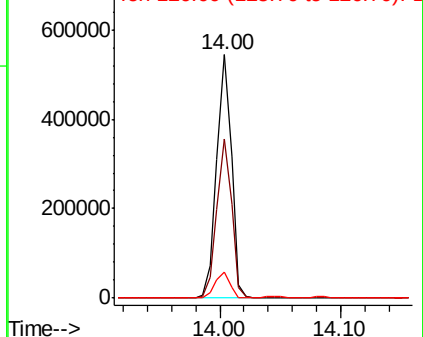


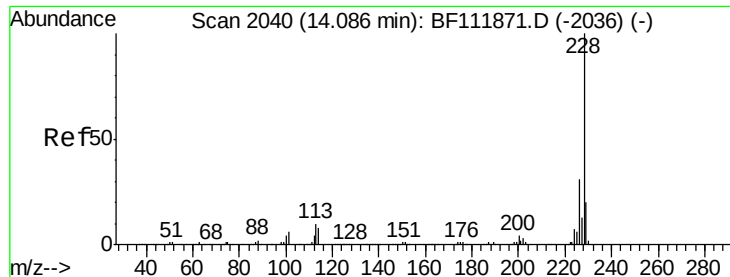
Abundance

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: 37.889 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

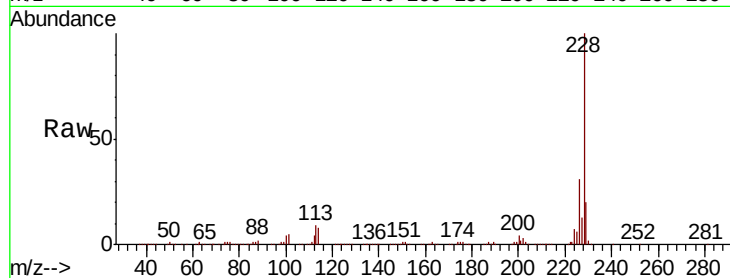
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1191210

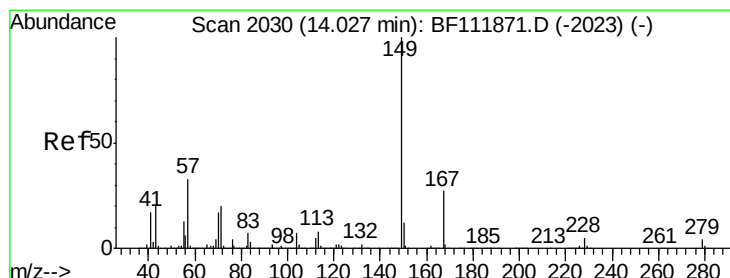
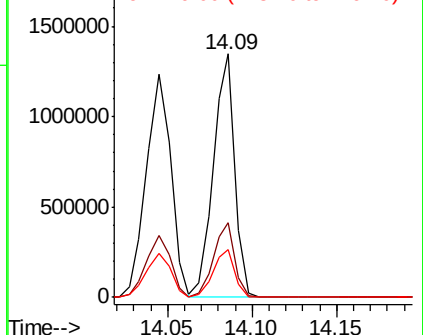
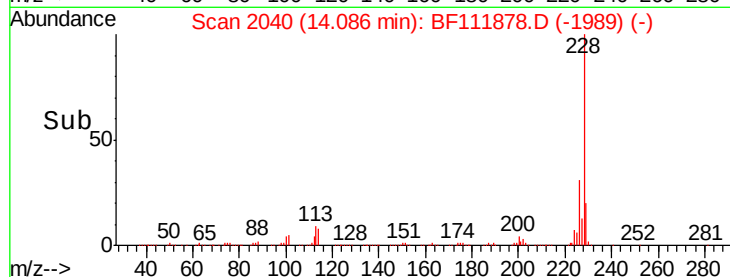
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	37.0
229	19.7	15.7	23.5



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: 38.596 ng

RT: 14.03 min Scan# 2030

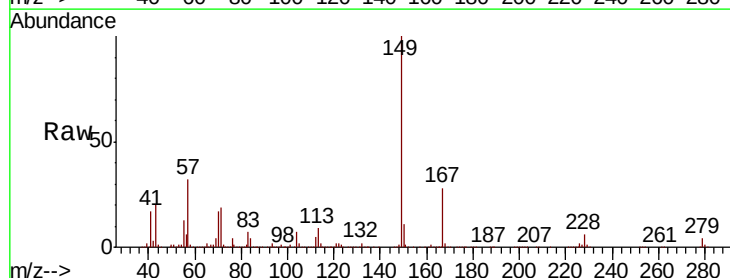
Delta R.T. -0.00 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

Tgt Ion:149 Resp: 844766

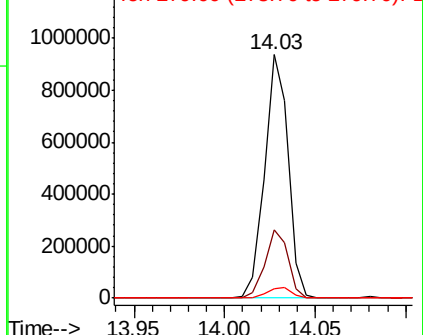
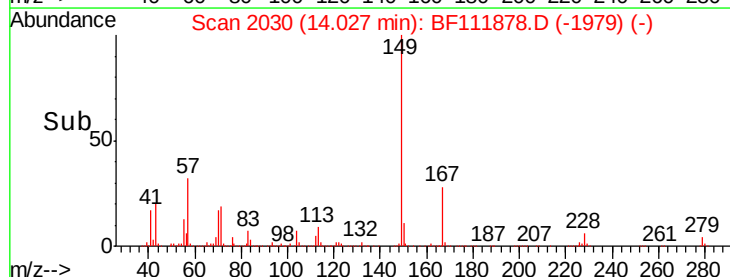
Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.5	32.3
279	4.1	3.0	4.6

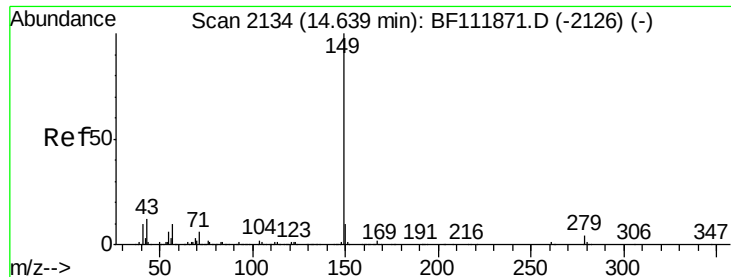


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.450 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.01 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

Instrument :

BNA_F

ClientSampleId :

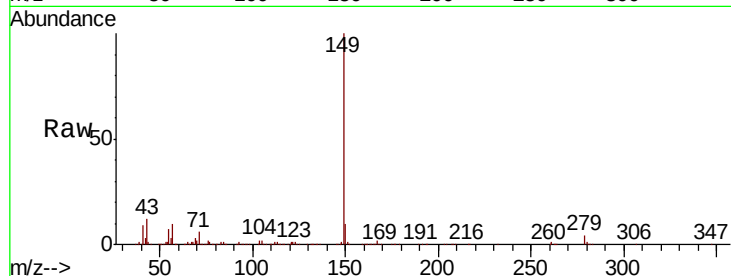
Tot Ion:149 Resp: 1173028

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

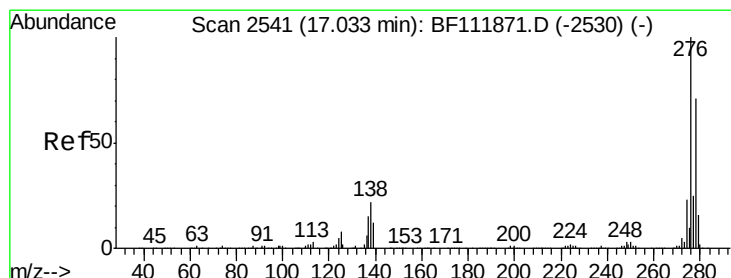
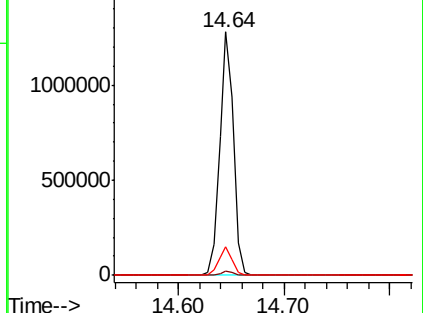
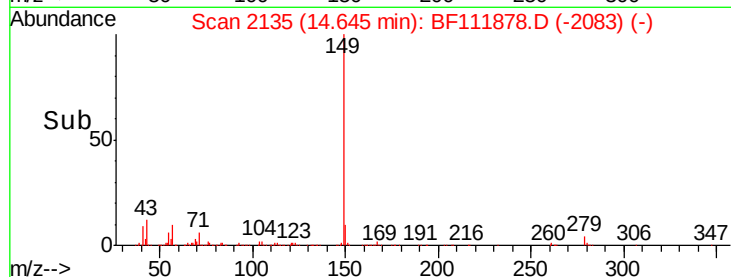
43 11.3 9.1 13.7



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: 39.037 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF111878.D

Acq: 7 Jan 2019 15:58

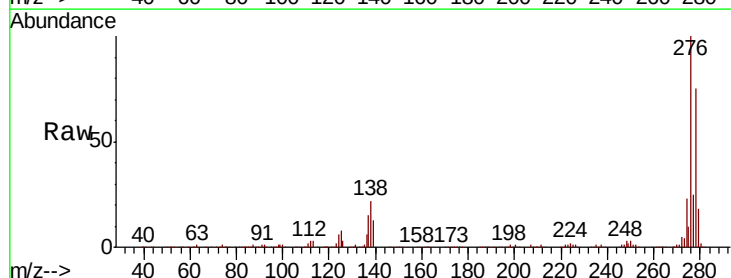
Tgt Ion:276 Resp: 894741

Ion Ratio Lower Upper

276 100

138 22.8 18.1 27.1

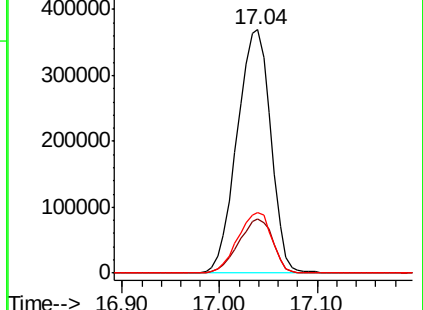
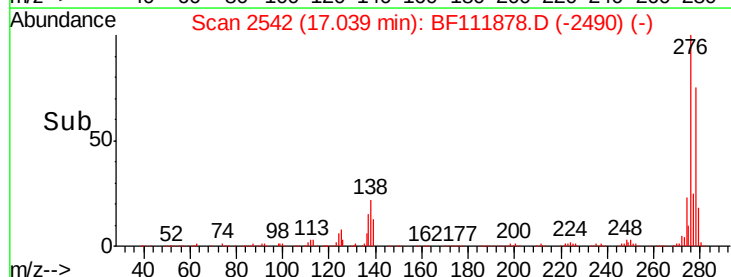
277 25.2 19.9 29.9

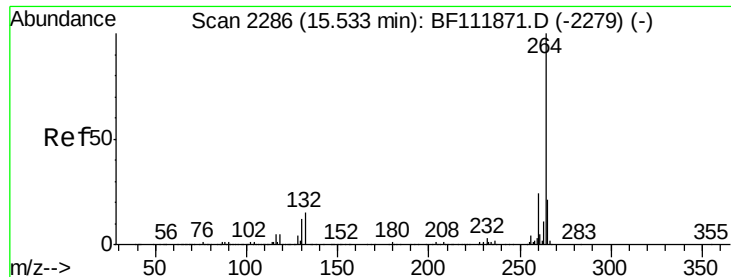


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



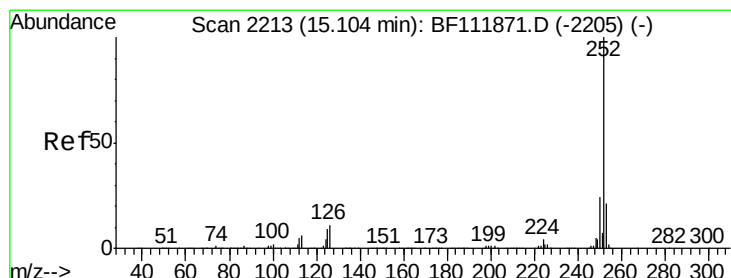
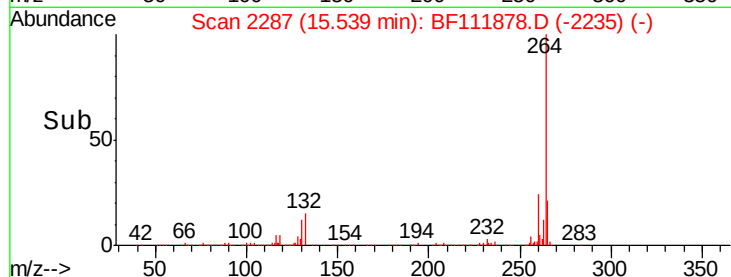
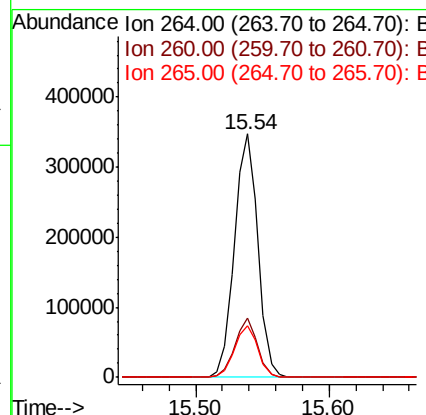
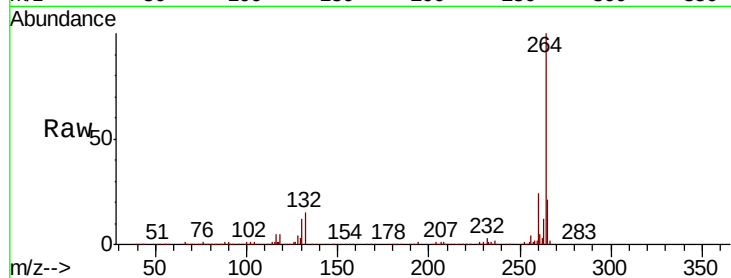


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 427594

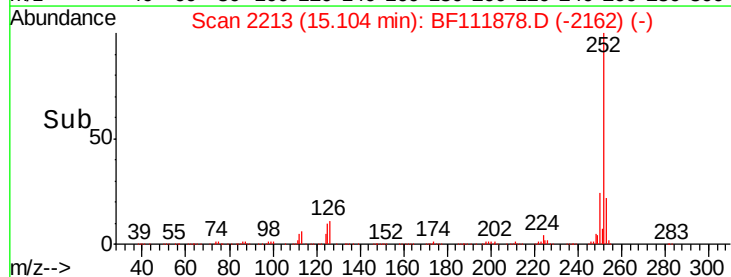
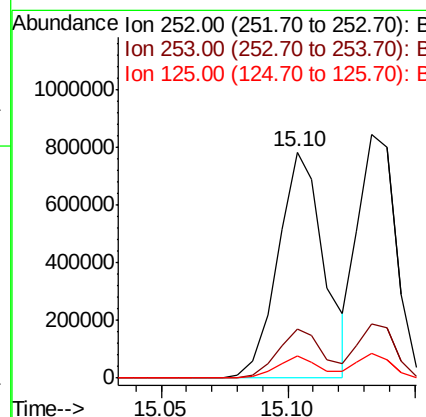
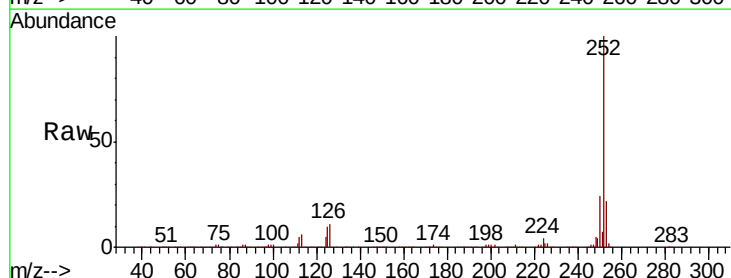
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.2	17.1	25.7

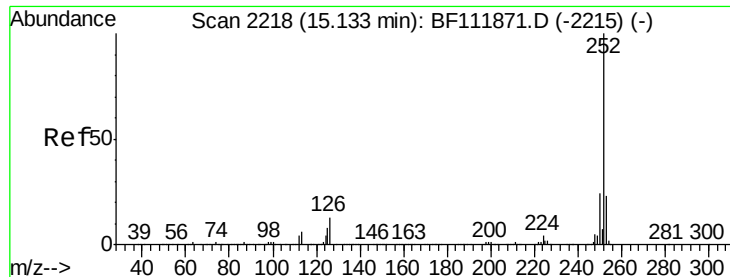


#88
Benzo(b)fluoranthene
Concen: 38.729 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Tgt Ion:252 Resp: 990632

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	9.6	7.1	10.7

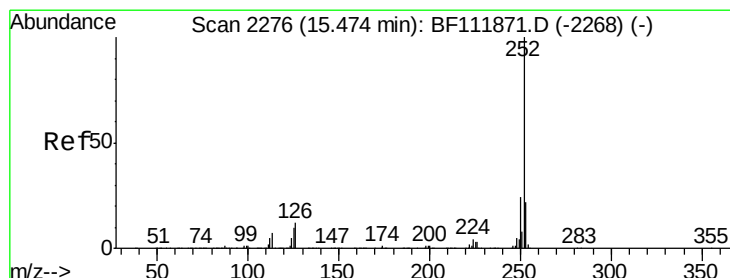
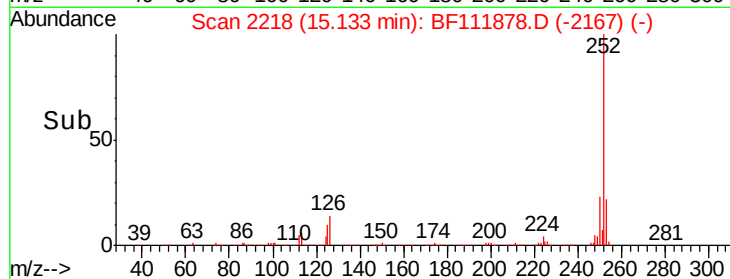
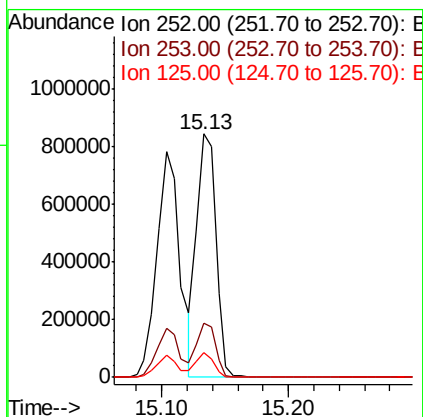
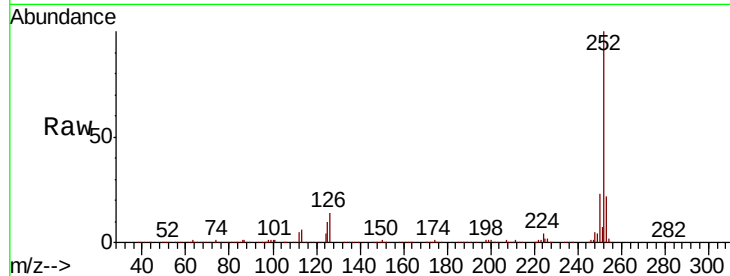




#89
Benzo(k)fluoranthene
Concen: 36.619 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

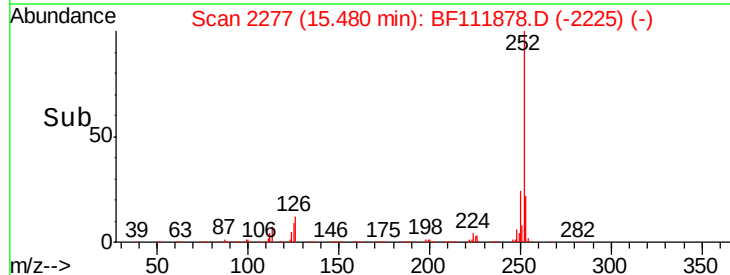
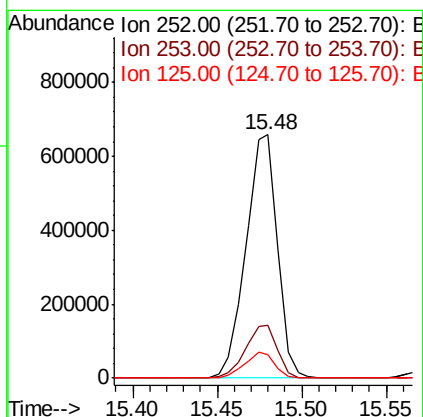
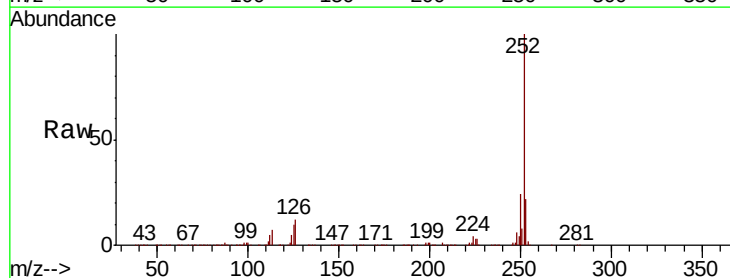
Instrument :
BNA_F
ClientSampleId :

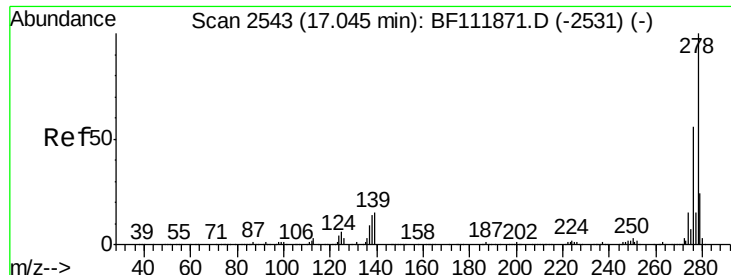
Tot Ion:252 Resp: 880448
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 10.1 7.0 10.4



#90
Benzo(a)pyrene
Concen: 38.020 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Tgt Ion:252 Resp: 855070
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 9.5 7.9 11.9

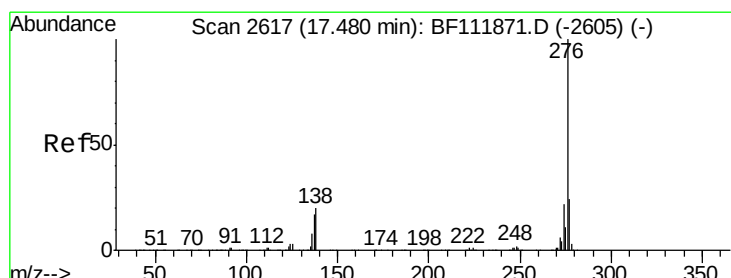
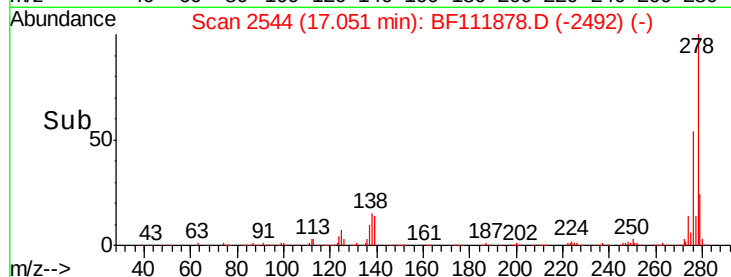
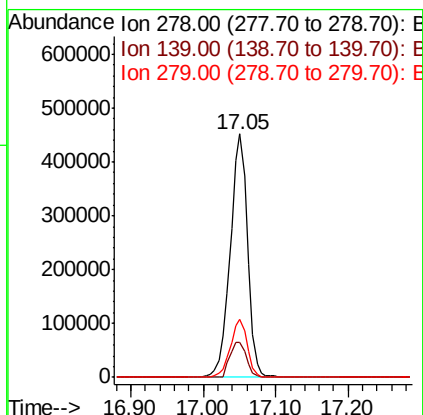
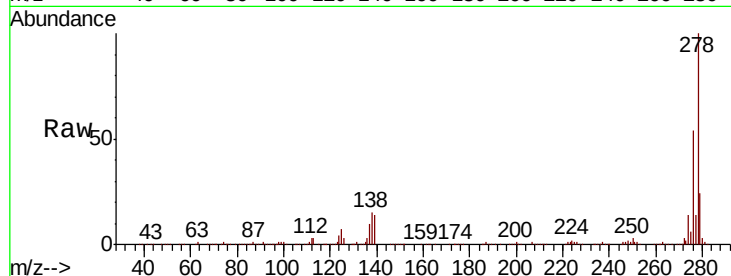




#91
Dibenzo(a,h)anthracene
Concen: 41.610 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 752671
Ion Ratio Lower Upper
278 100
139 14.4 11.8 17.6
279 23.7 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 42.682 ng
RT: 17.49 min Scan# 2618
Delta R.T. 0.01 min
Lab File: BF111878.D
Acq: 7 Jan 2019 15:58

Tgt Ion:276 Resp: 755146
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.6
138 19.3 16.2 24.2

