

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
 Data File : BF113982.D
 Acq On : 25 Apr 2019 17:24
 Operator : JU/SJ
 Sample : K2553-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 25 23:16:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	105429	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	398640	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	215903	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	455951	20.00	ng	0.00
76) Chrysene-d12	14.07	240	409843	20.00	ng	0.00
87) Perylene-d12	15.56	264	437188	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	796395	129.20	ng	0.00
7) Phenol-d6	6.53	99	1047793	135.48	ng	0.00
23) Nitrobenzene-d5	7.46	82	627823	97.24	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	362633	137.88	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1229693	89.08	ng	0.00
79) Terphenyl-d14	13.00	244	1617560	80.91	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.69	88	108209	37.240	ng	96
3) Pyridine	3.45	79	275337	34.715	ng	97
4) n-Nitrosodimethylamine	3.39	42	109590	40.364	ng	90
6) Aniline	6.56	93	312502	29.427	ng	100
8) 2-Chlorophenol	6.69	128	310289	44.090	ng	95
9) Benzaldehyde	6.44	77	79004	13.529	ng	93
10) Phenol	6.54	94	399130	43.160	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	301974	43.393	ng	97
12) 1,3-Dichlorobenzene	6.84	146	345410	43.336	ng	99
13) 1,4-Dichlorobenzene	6.92	146	346867	43.267	ng	100
14) 1,2-Dichlorobenzene	7.07	146	330011	44.791	ng	98
15) Benzyl Alcohol	7.03	79	249924	47.983	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	338974	41.728	ng	91
17) 2-Methylphenol	7.15	107	279025	45.231	ng	98
18) Hexachloroethane	7.41	117	118591	42.199	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	217194	43.367	ng	96
20) 3+4-Methylphenols	7.30	107	324886	46.614	ng	# 79
22) Acetophenone	7.30	105	431439	48.634	ng	97
24) Nitrobenzene	7.47	77	341340	47.847	ng	98
25) Isophorone	7.72	82	603150	45.656	ng	100
26) 2-Nitrophenol	7.79	139	168896	51.895	ng	96
27) 2,4-Dimethylphenol	7.83	122	273550	51.588	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	382046	45.384	ng	99
29) 2,4-Dichlorophenol	8.03	162	293346	48.378	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	313091	46.308	ng	98
31) Naphthalene	8.20	128	907299	47.910	ng	99
32) Benzoic acid	7.94	122	147108	41.081	ng	95
33) 4-Chloroaniline	8.24	127	167859	20.948	ng	99
34) Hexachlorobutadiene	8.32	225	188054	44.618	ng	99
35) Caprolactam	8.61	113	65375	33.892	ng	86
36) 4-Chloro-3-methylphenol	8.73	107	292536	48.696	ng	98
37) 2-Methylnaphthalene	8.89	142	624310	48.887	ng	98
38) 1-Methylnaphthalene	8.99	142	587734	47.684	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	317905	45.329	ng	99

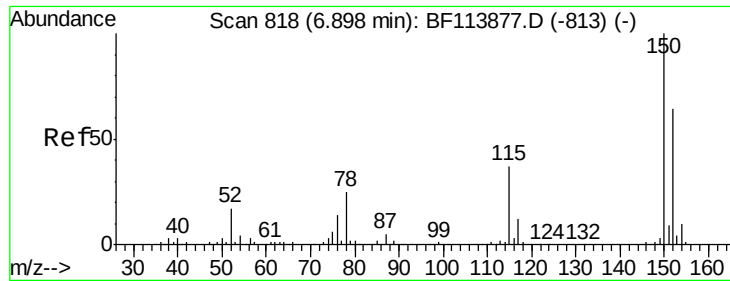
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
 Data File : BF113982.D
 Acq On : 25 Apr 2019 17:24
 Operator : JU/SJ
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Quant Time: Apr 25 23:16:57 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	365818	93.539	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	221136	49.656	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	247101	49.469	nq	100
46) 1,1'-Biphenyl	9.36	154	786163	47.665	nq	98
47) 2-Chloronaphthalene	9.38	162	628394	46.851	nq	98
48) 2-Nitroaniline	9.47	65	183319	52.137	nq	94
49) Acenaphthylene	9.80	152	982065	46.770	nq	98
50) Dimethylphthalate	9.65	163	935119	59.888	nq	100
51) 2,6-Dinitrotoluene	9.71	165	175129	52.279	nq	92
52) Acenaphthene	9.97	154	647582	52.185	nq	96
53) 3-Nitroaniline	9.88	138	113673	32.292	nq	92
54) 2,4-Dinitrophenol	9.99	184	161023	107.867	nq	# 1
55) Dibenzofuran	10.14	168	905771	48.728	nq	98
56) 4-Nitrophenol	10.05	139	292395	104.908	nq	99
57) 2,4-Dinitrotoluene	10.12	165	235194	55.624	nq	96
58) Fluorene	10.49	166	691687	49.425	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	229471	52.276	nq	98
60) Diethylphthalate	10.35	149	727837	49.086	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	358009	48.304	nq	98
62) 4-Nitroaniline	10.49	138	180794	52.630	nq	100
63) Azobenzene	10.63	77	672558	46.800	nq	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	107807	51.040	nq	98
66) n-Nitrosodiphenylamine	10.59	169	623539	45.577	nq	100
67) 4-Bromophenyl-phenylether	10.96	248	236685	42.971	nq	97
68) Hexachlorobenzene	11.03	284	264383	43.679	nq	98
69) Atrazine	11.12	200	221638	49.801	nq	99
70) Pentachlorophenol	11.23	266	319142	93.125	nq	97
71) Phenanthrene	11.45	178	1171443	51.123	nq	99
72) Anthracene	11.50	178	1112278	48.068	nq	100
73) Carbazole	11.65	167	1034070	50.091	nq	100
74) Di-n-butylphthalate	11.97	149	1168077	48.101	nq	99
75) Fluoranthene	12.63	202	1308253	52.330	nq	99
77) Benzidine	12.74	184	455354	37.289	nq	97
78) Pyrene	12.86	202	1307152	45.607	nq	99
80) Butylbenzylphthalate	13.47	149	536717	47.596	nq	97
81) Benzo(a)anthracene	14.06	228	1186523	49.137	nq	100
82) 3,3'-Dichlorobenzidine	14.01	252	316298	35.737	nq	98
83) Chrysene	14.09	228	1183050	50.306	nq	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	734316	51.181	nq	98
85) Di-n-octyl phthalate	14.67	149	1280048	57.000	nq	98
86) Indeno(1,2,3-cd)pyrene	17.06	276	1162100	52.168	nq	98
88) Benzo(b)fluoranthene	15.13	252	1268019	45.842	nq	99
89) Benzo(k)fluoranthene	15.16	252	1151542	48.398	nq	100
90) Benzo(a)pyrene	15.50	252	1162505	48.589	nq	100
91) Dibenzo(a,h)anthracene	17.09	278	974091	43.372	nq	99
92) Benzo(g,h,i)perylene	17.52	276	945828	41.731	nq	99

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

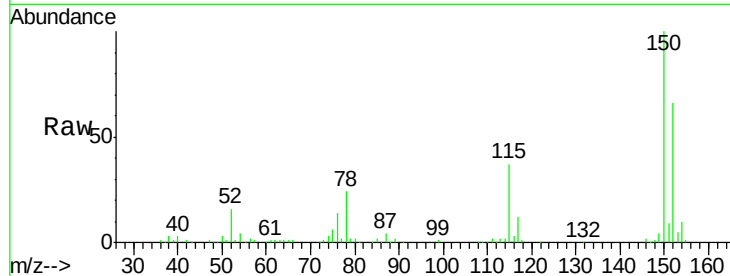


#1

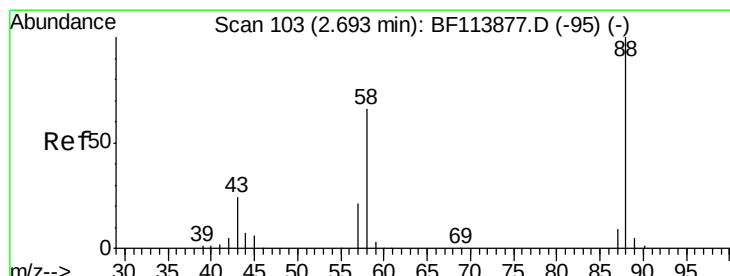
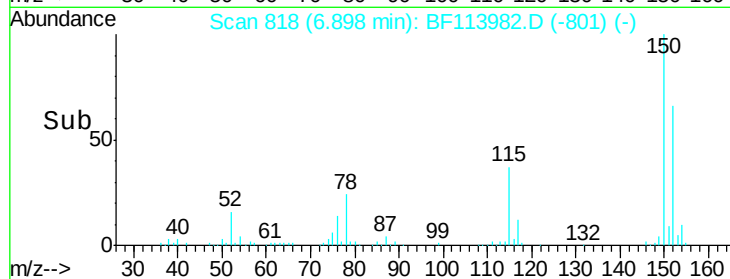
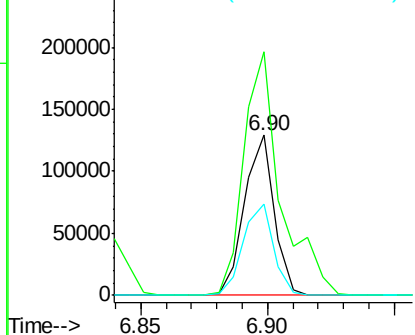
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105429
Ion Ratio Lower Upper
152 100
150 151.8 125.9 188.9
115 56.6 45.9 68.9



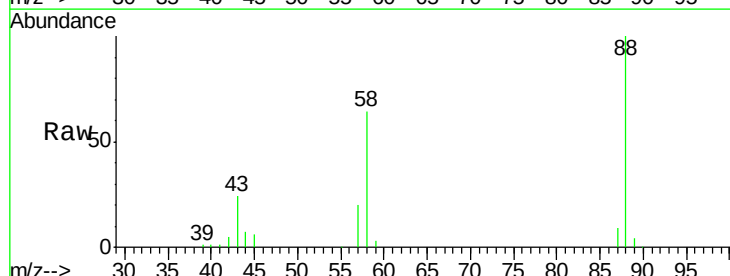
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



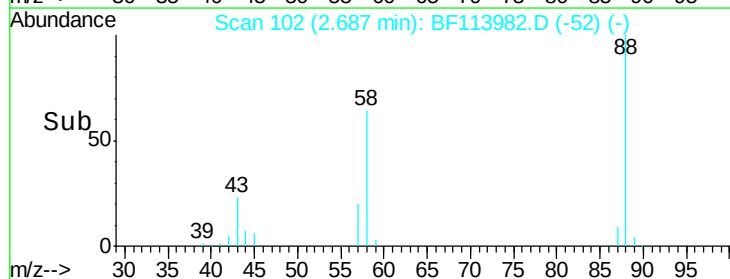
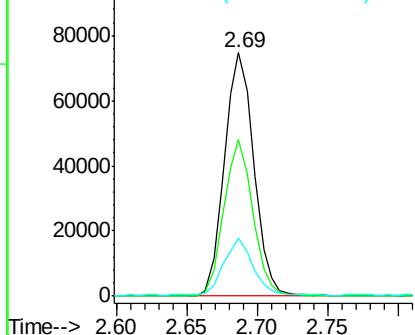
#2

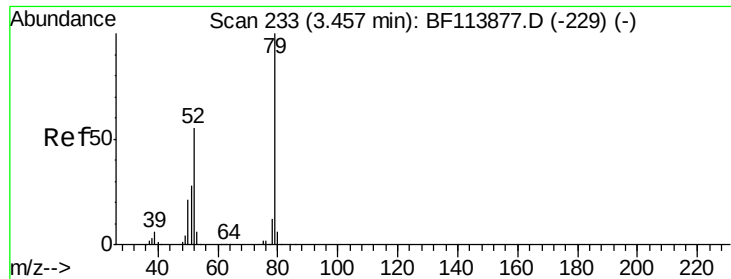
1,4-Dioxane
Concen: 37.240 ng
RT: 2.69 min Scan# 102
Delta R.T. -0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion: 88 Resp: 108209
Ion Ratio Lower Upper
88 100
58 62.9 53.3 79.9
43 24.5 19.0 28.4



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

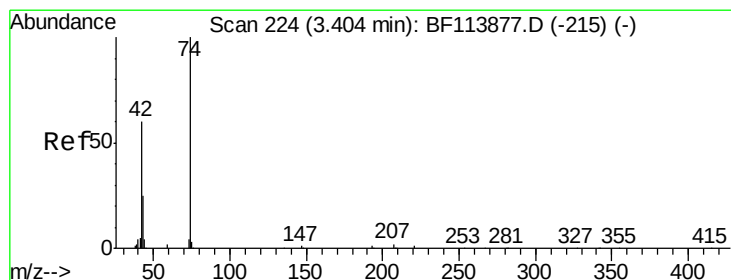
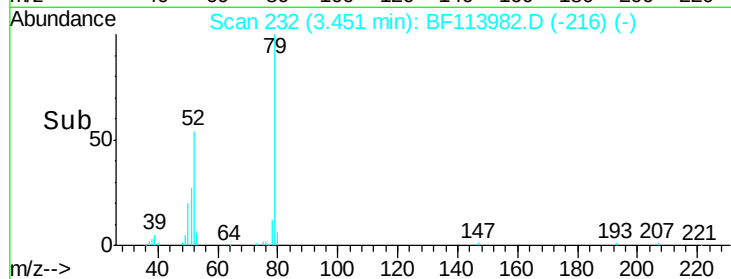
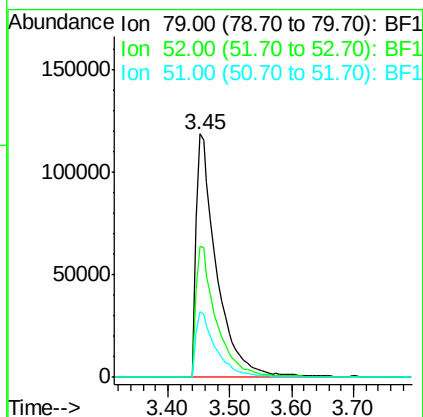
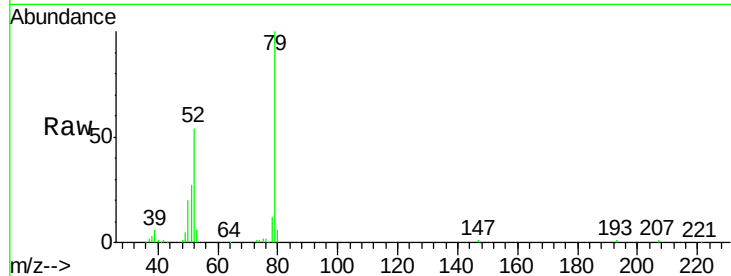




#3
 Pvridine
 Concen: 34.715 ng
 RT: 3.45 min Scan# 232
 Delta R.T. -0.01 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

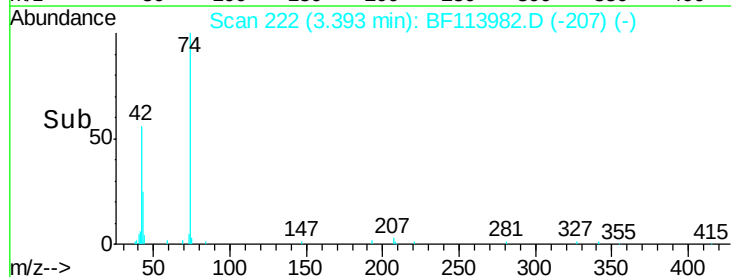
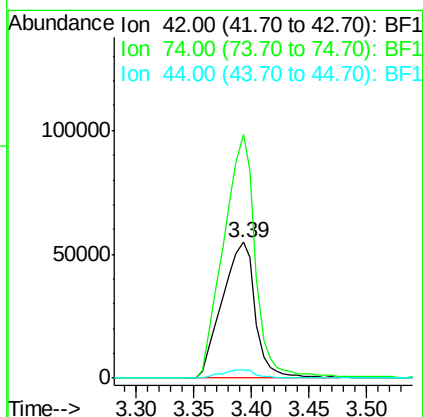
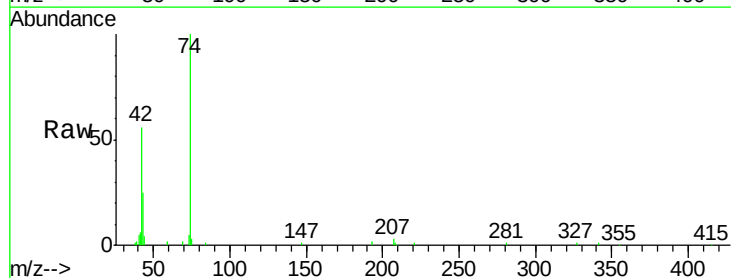
Instrument :
 BNA_F
 ClientSampleId :

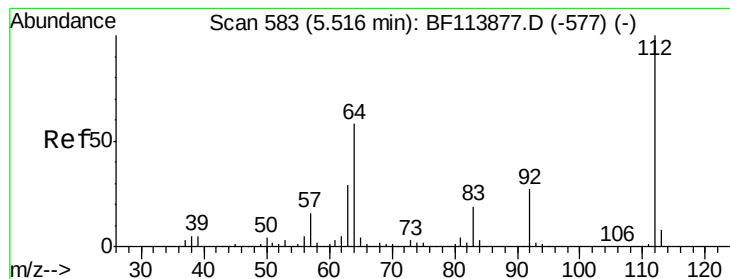
Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	53.6	45.3	67.9
51	51	27.0	22.1	33.1



#4
 n-Nitrosodimethylamine
 Concen: 40.364 ng
 RT: 3.39 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	178.9	132.6	198.8
44	44	6.3	5.8	8.8





#5

2-Fluorophenol

Concen: 129.198 ng

RT: 5.52 min Scan# 584

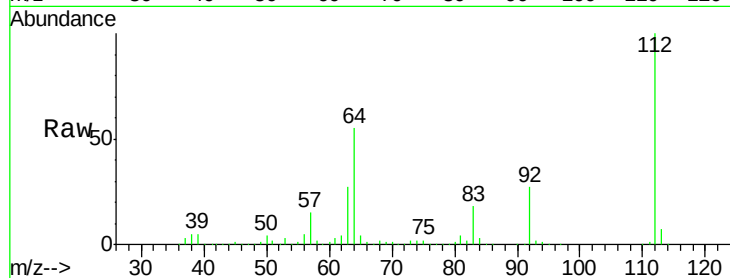
Delta R.T. 0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :

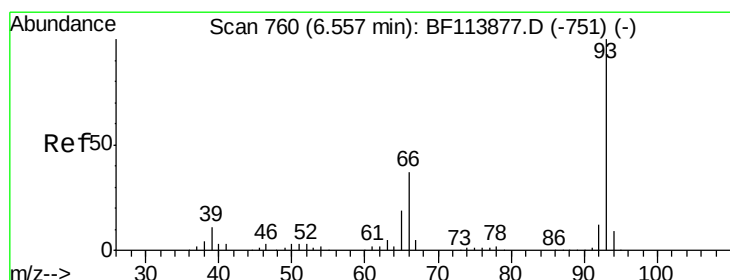
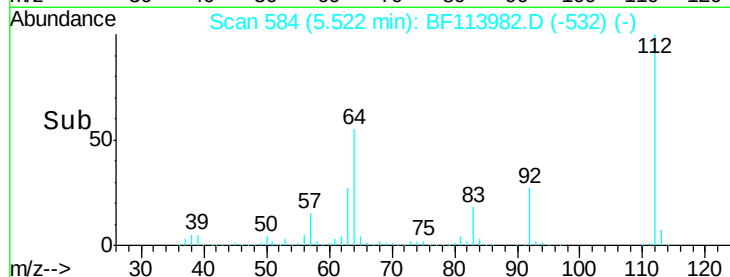
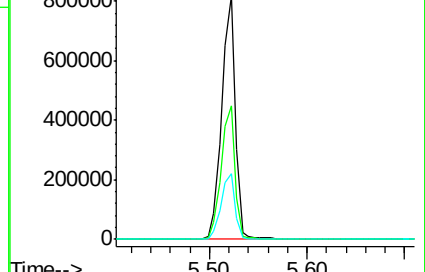
Tot Ion:	112	Resp:	796395
Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.6	69.8
63	27.1	23.1	34.7



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: 29.427 ng

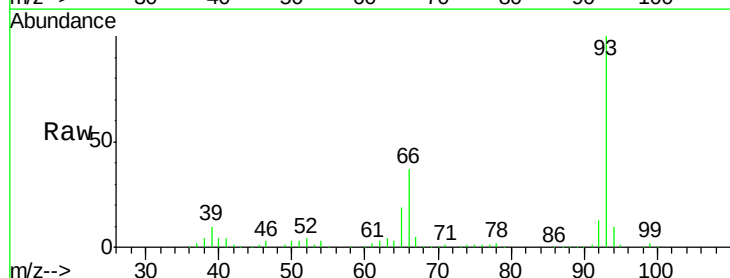
RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

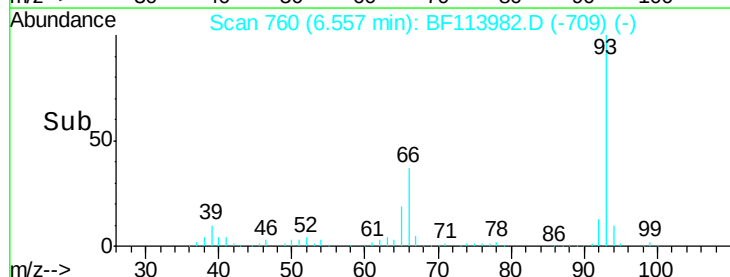
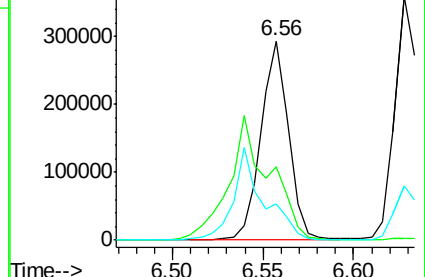
Tgt Ion:	93	Resp:	312502
Ion	Ratio	Lower	Upper
93	100		
66	37.1	29.8	44.6
65	18.5	14.9	22.3

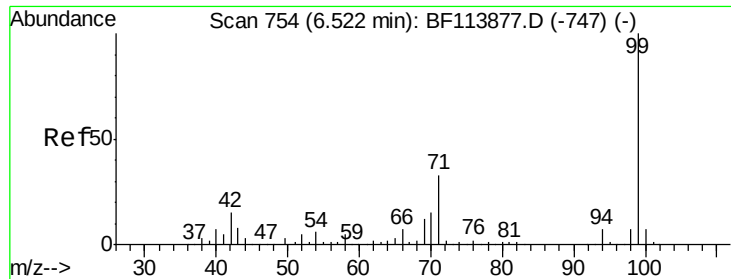


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 135.485 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

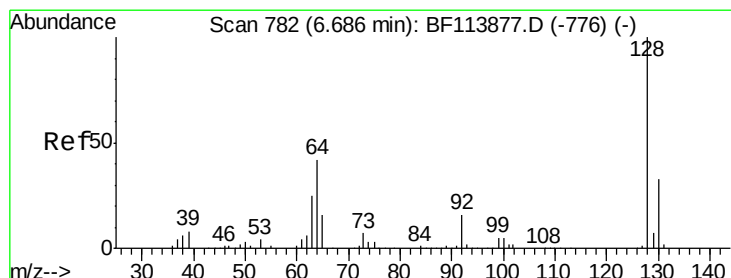
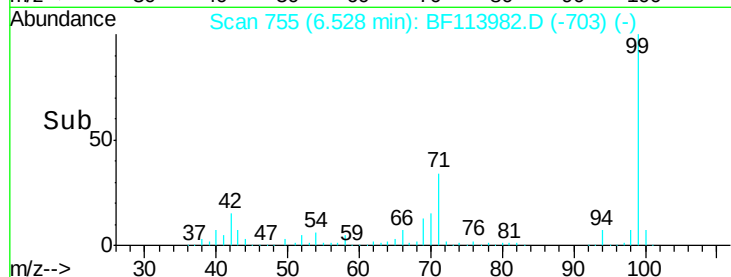
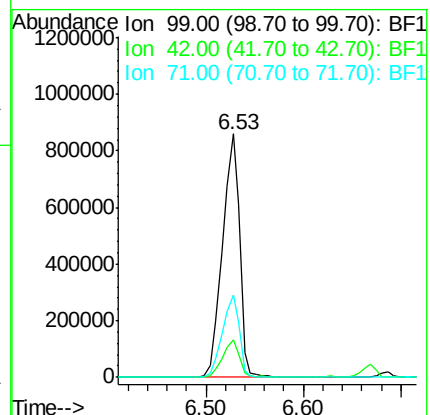
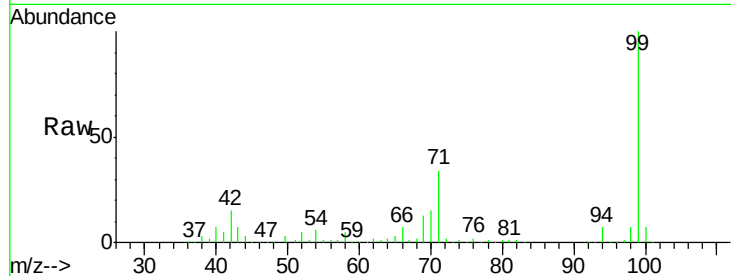
Tot Ion: 99 Resp: 1047793

Ion Ratio Lower Upper

99 100

42 15.2 12.5 18.7

71 34.0 26.9 40.3



#8

2-Chlorophenol

Concen: 44.090 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

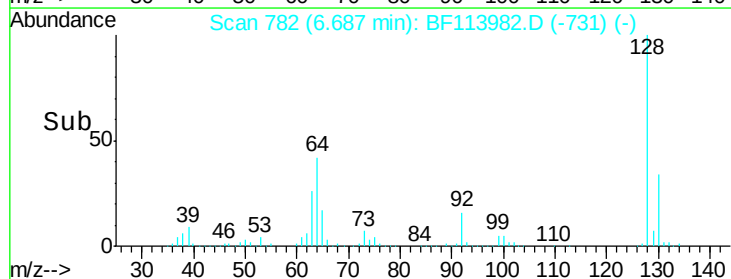
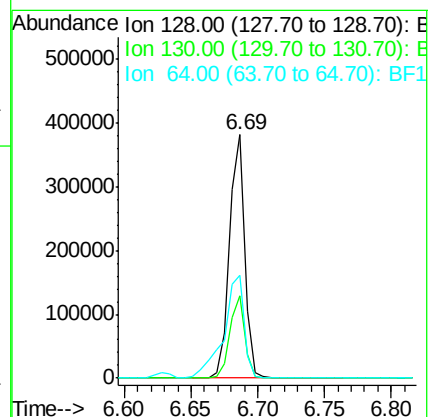
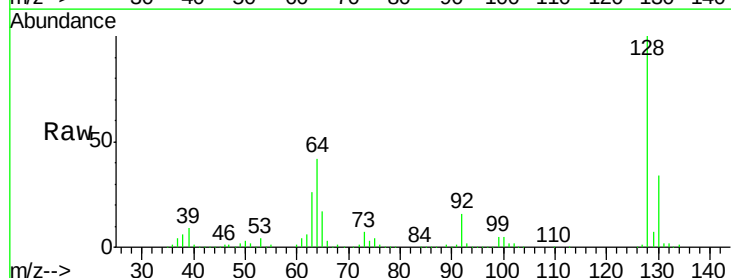
Tgt Ion:128 Resp: 310289

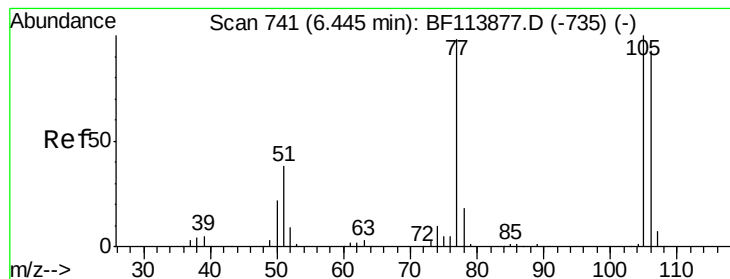
Ion Ratio Lower Upper

128 100

130 33.7 12.3 52.3

64 42.0 26.1 66.1





#9

Benzaldehyde

Concen: 13.529 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

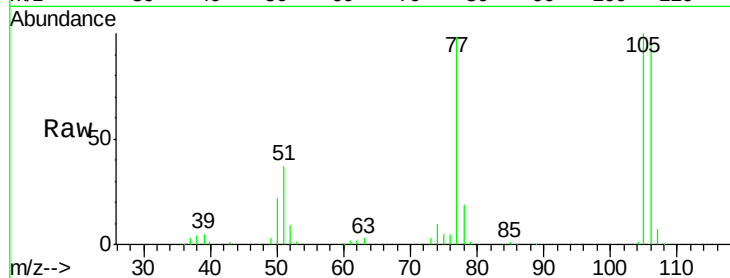
Tot Ion: 77 Resp: 79004

Ion Ratio Lower Upper

77 100

105 101.7 74.1 114.1

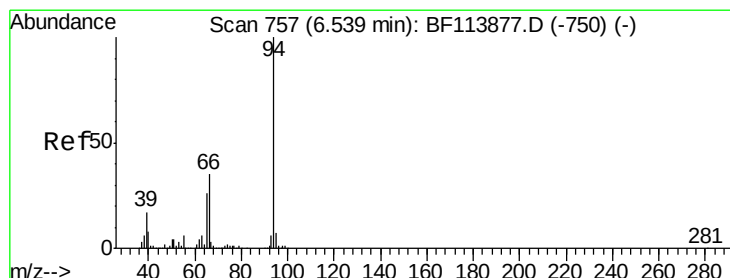
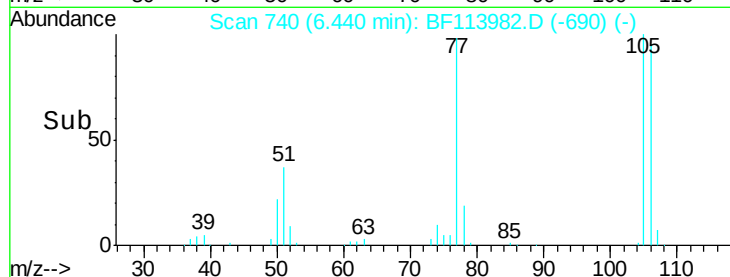
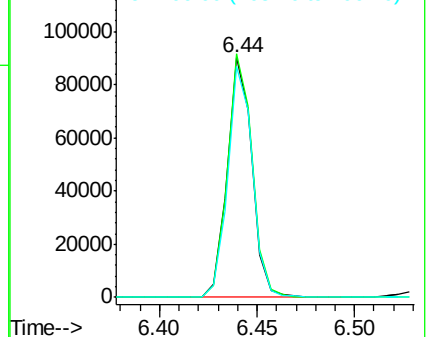
106 96.5 70.3 110.3



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: 43.160 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

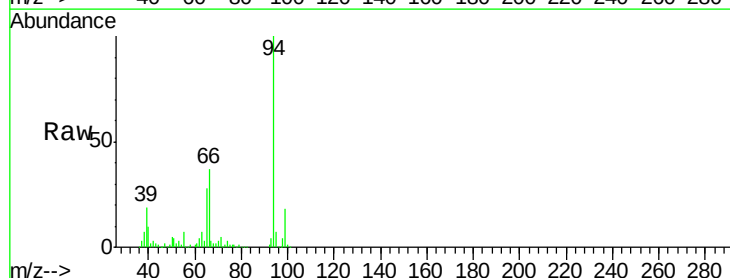
Tgt Ion: 94 Resp: 399130

Ion Ratio Lower Upper

94 100

65 27.6 8.1 48.1

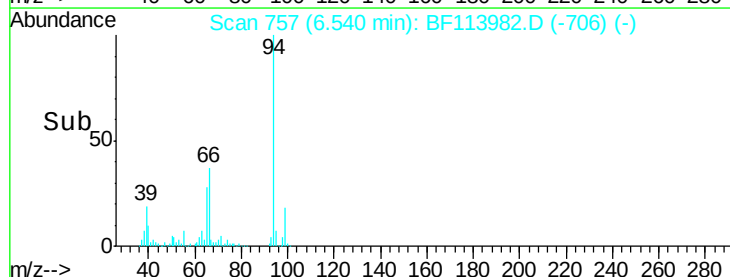
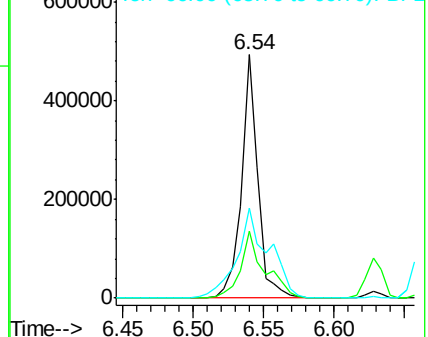
66 37.1 16.6 56.6

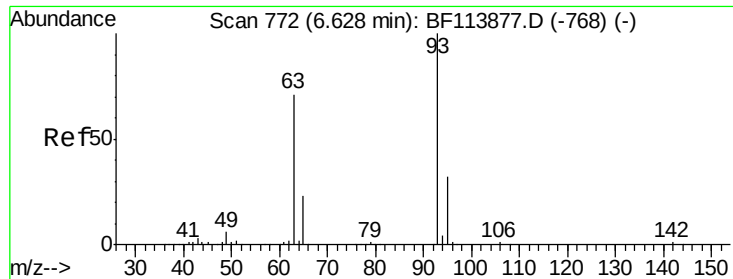


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

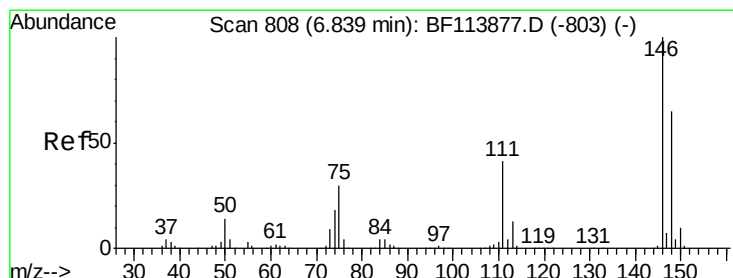
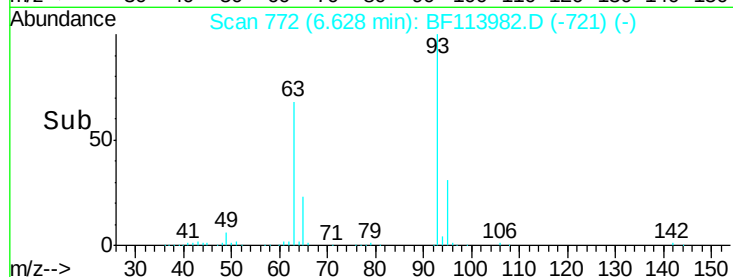
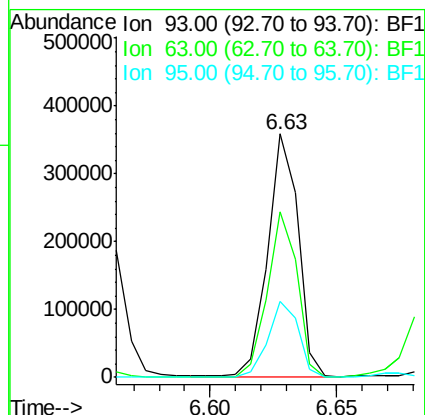
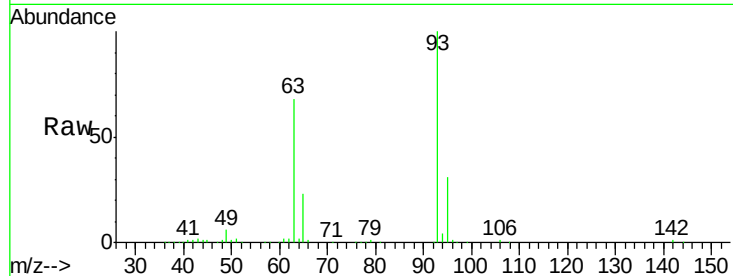




#11
bis(2-Chloroethyl)ether
Concen: 43.393 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

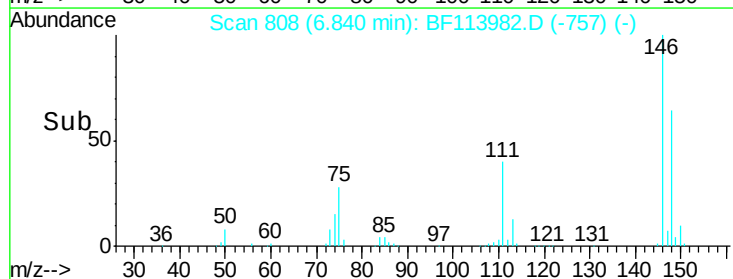
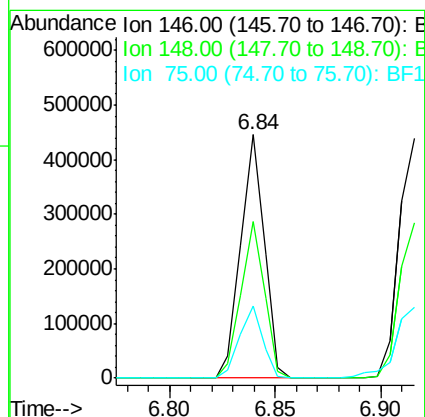
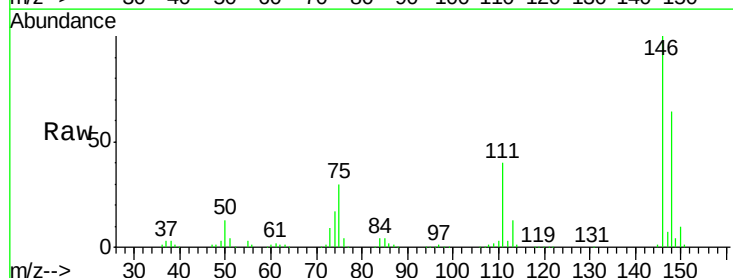
Instrument :
BNA_F
ClientSampled :

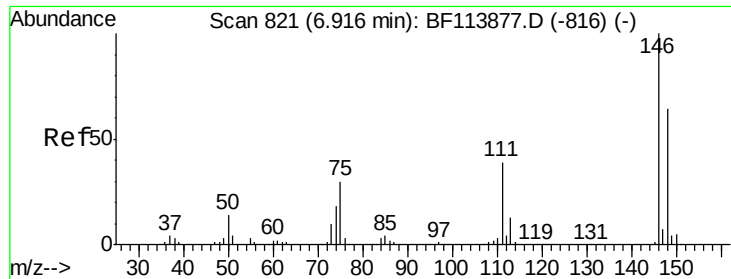
Tot Ion: 93 Resp: 301974
Ion Ratio Lower Upper
93 100
63 68.0 50.7 90.7
95 31.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.336 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion: 146 Resp: 345410
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
75 29.5 23.8 35.8

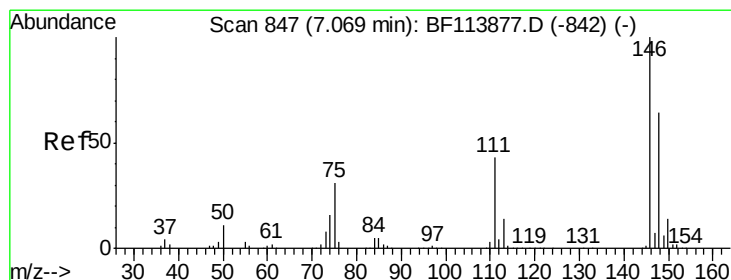
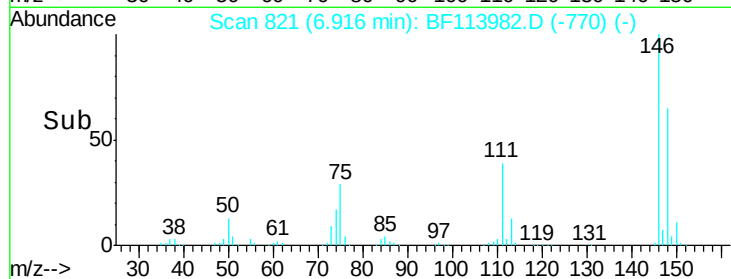
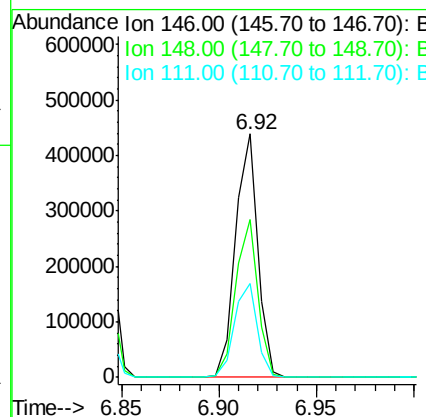
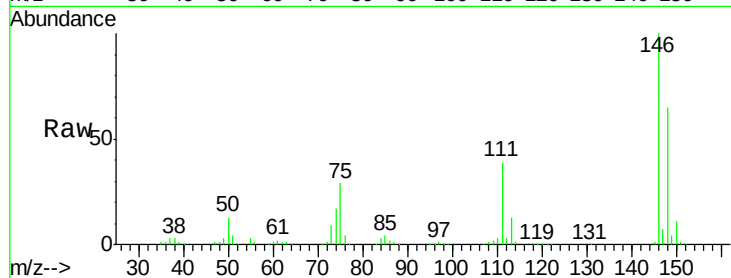




#13
 1,4-Dichlorobenzene
 Concen: 43.267 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

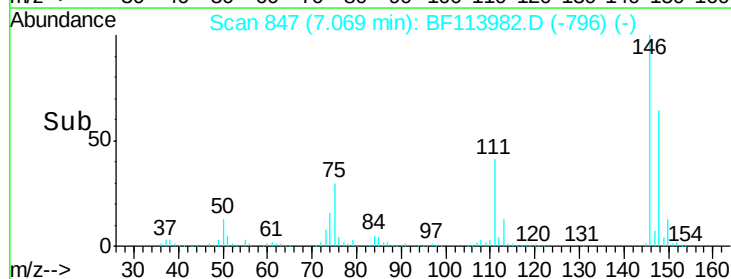
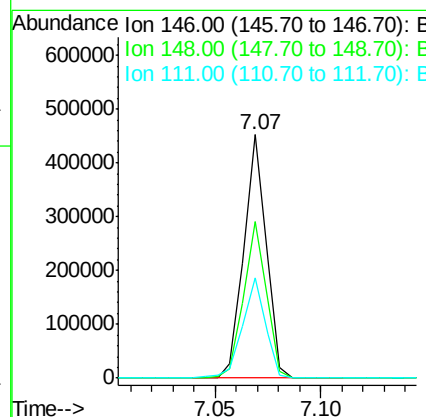
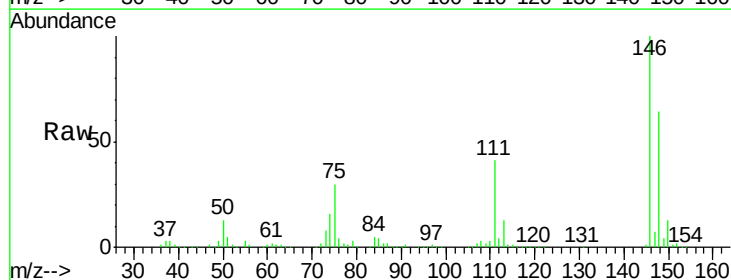
Instrument :
 BNA_F
 ClientSampled :

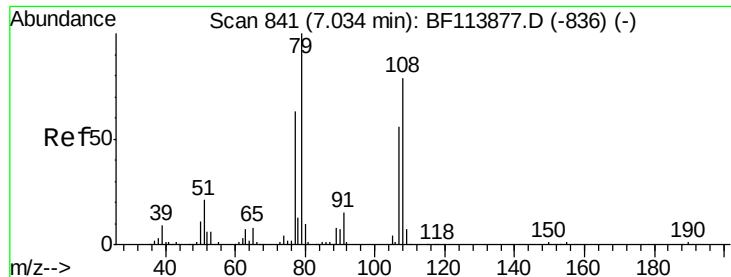
Tot Ion:146 Resp: 346867
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.8 77.8
 111 38.8 30.9 46.3



#14
 1,2-Dichlorobenzene
 Concen: 44.791 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Tgt Ion:146 Resp: 330011
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.1 78.1
 111 40.9 34.2 51.4





#15

Benzyl Alcohol

Concen: 47.983 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

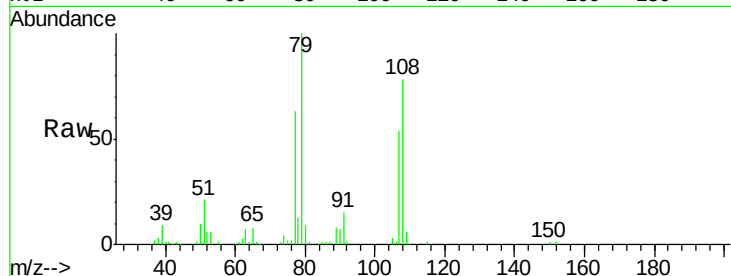
Tot Ion: 79 Resp: 249924

Ion Ratio Lower Upper

79 100

108 77.6 61.4 92.0

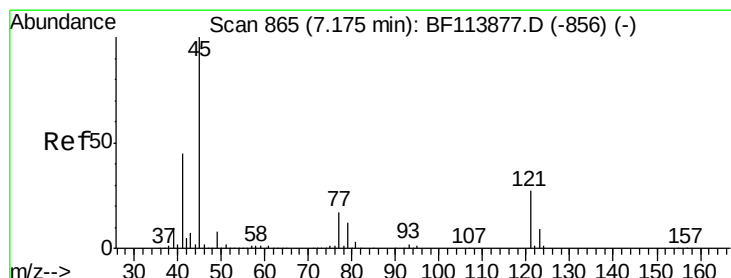
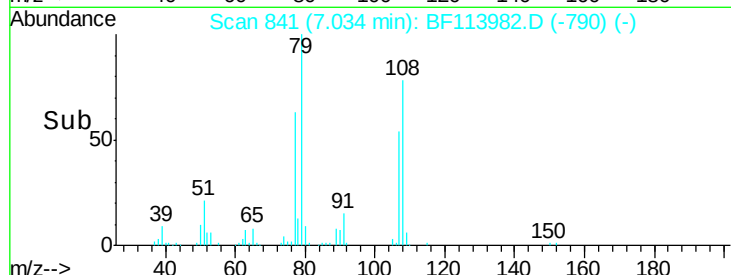
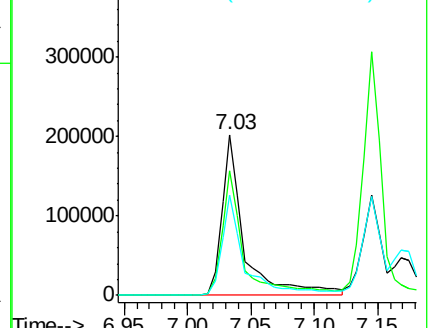
77 62.6 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.728 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

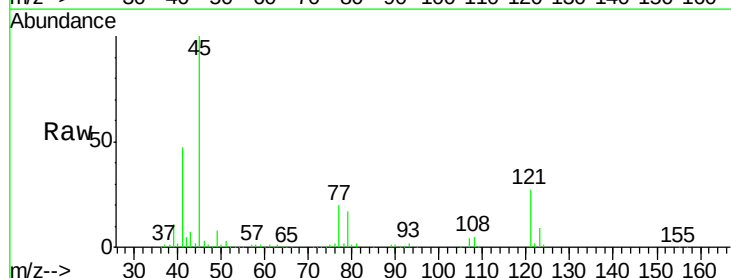
Tgt Ion: 45 Resp: 338974

Ion Ratio Lower Upper

45 100

77 20.2 0.0 37.0

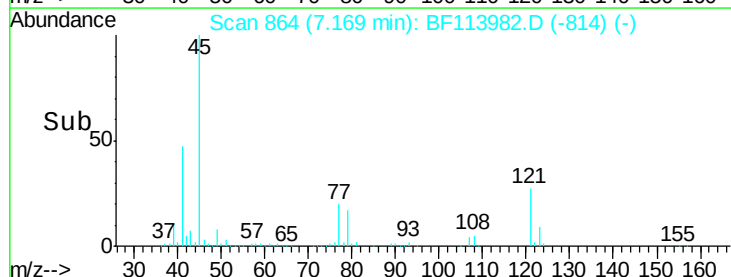
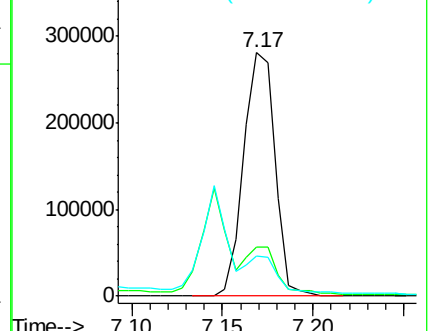
79 16.7 0.0 32.7

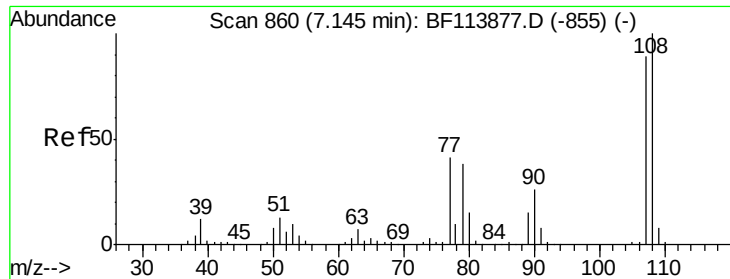


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

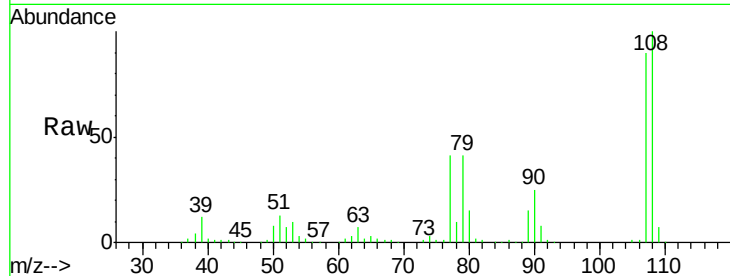




#17
2-Methylphenol
Concen: 45.231 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	91.5	137.3
77	45.6	36.2	54.4
79	46.2	35.4	53.0



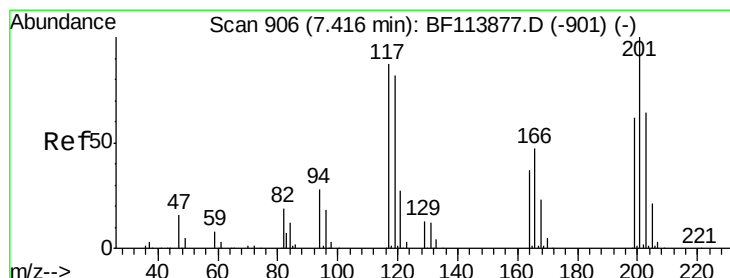
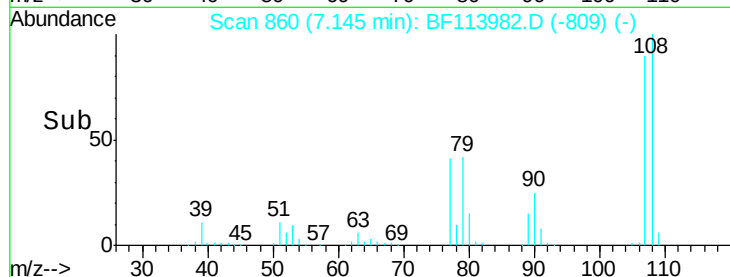
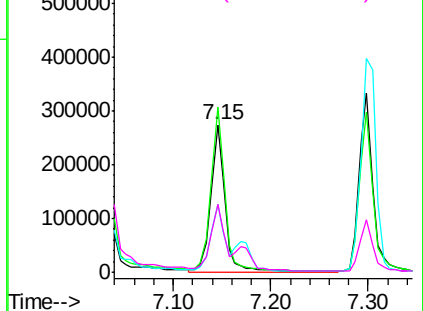
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

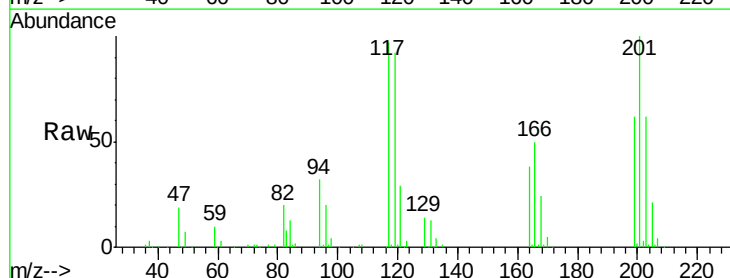
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.199 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	74.4	111.6
201	102.9	90.2	135.2

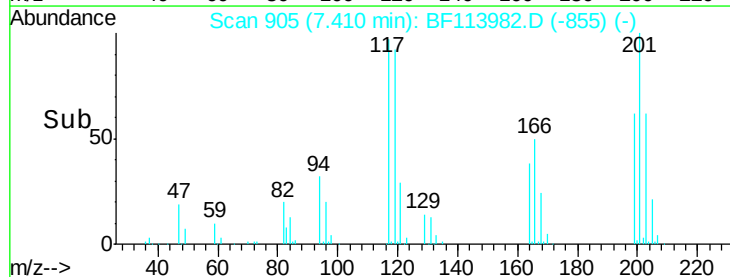
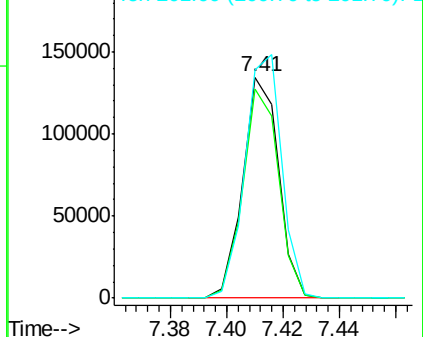


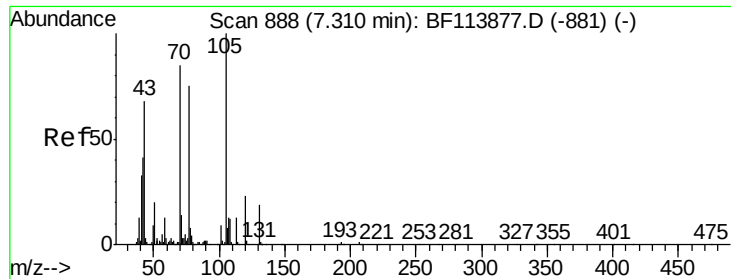
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

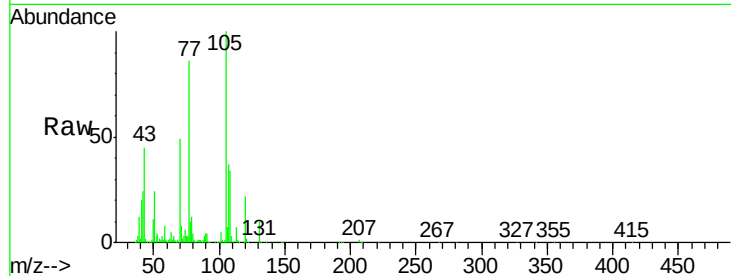




#19
n-Nitroso-di-n-propylamine
Concen: 43.367 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.3	37.3	55.9
101	10.0	7.8	11.8
130	20.6	18.2	27.2



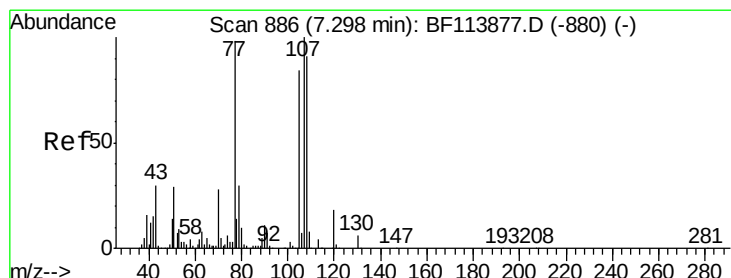
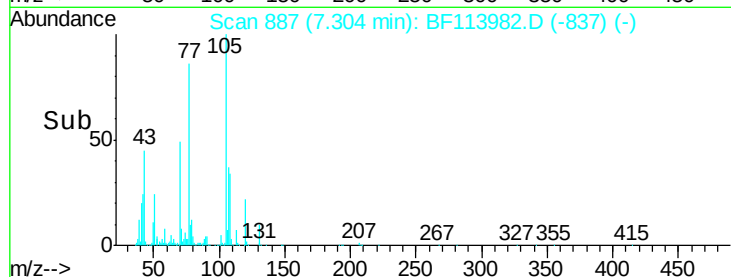
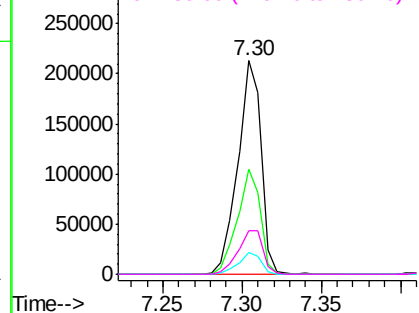
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 46.614 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	70.1	110.1
77	119.2	52.9	92.9#
79	29.2	10.2	50.2

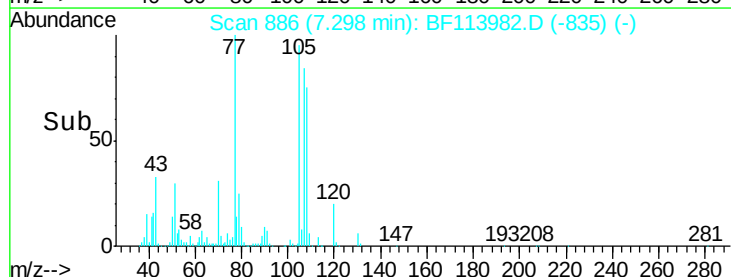
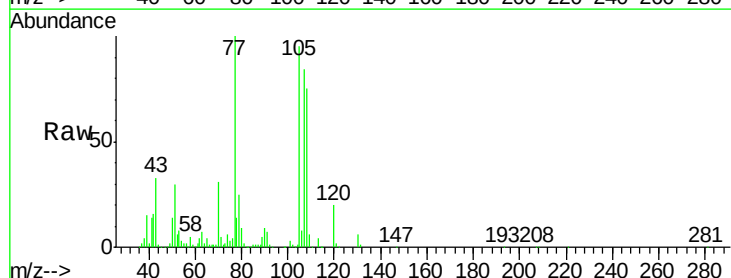
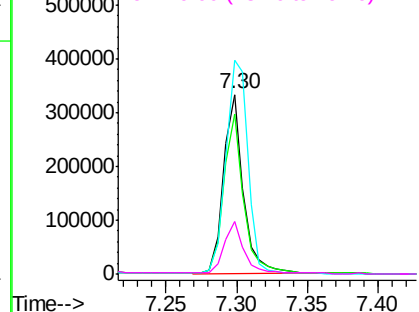
Abundance

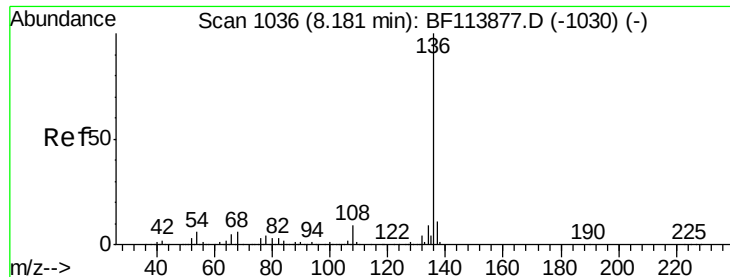
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

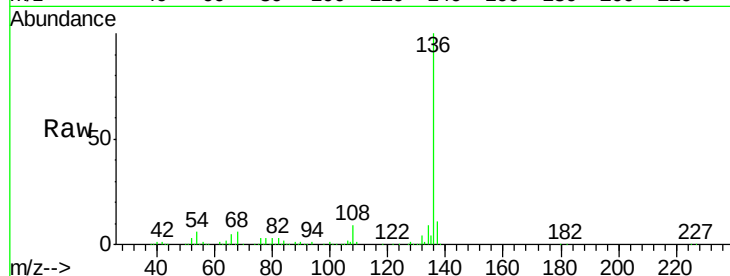




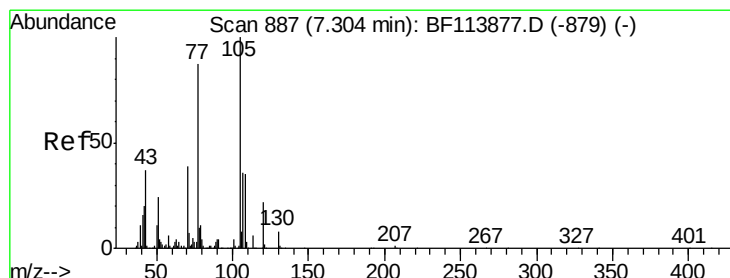
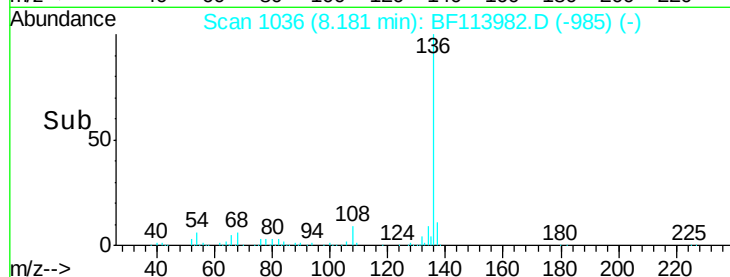
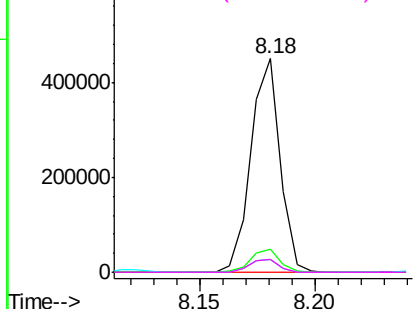
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	398640
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.6 12.8
54	5.8	5.0 7.6
68	5.9	4.9 7.3

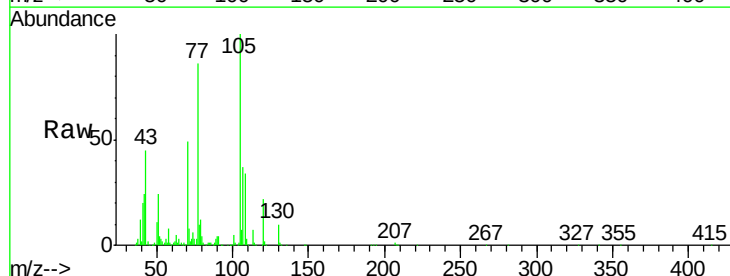


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

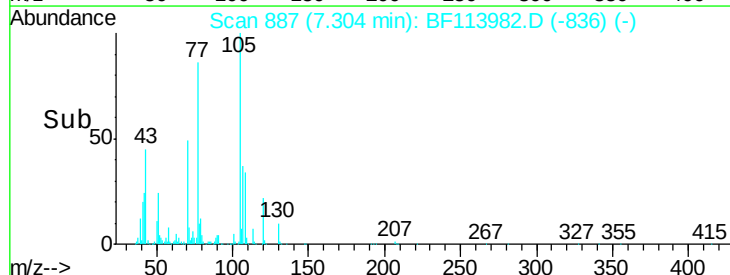
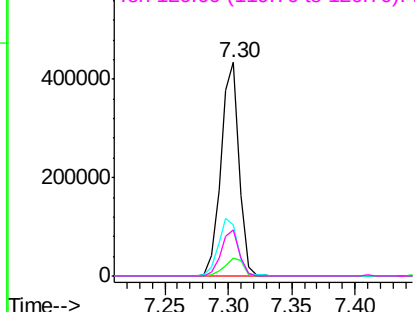


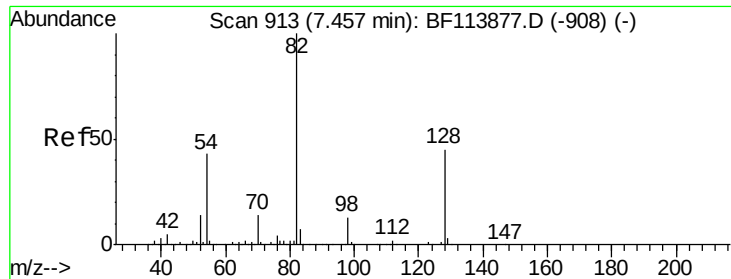
#22
Acetophenone
Concen: 48.634 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion:105	Resp:	431439
Ion	Ratio	Lower Upper
105	100	
71	8.3	6.1 9.1
51	24.0	16.8 25.2
120	21.6	17.6 26.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

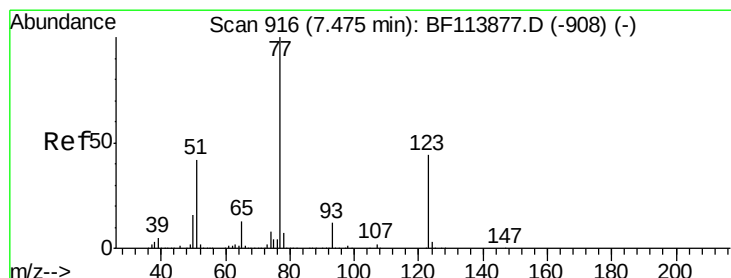
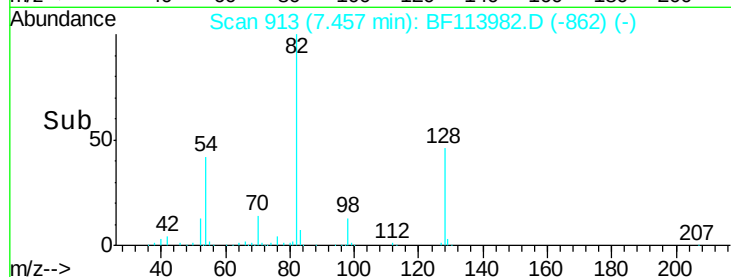
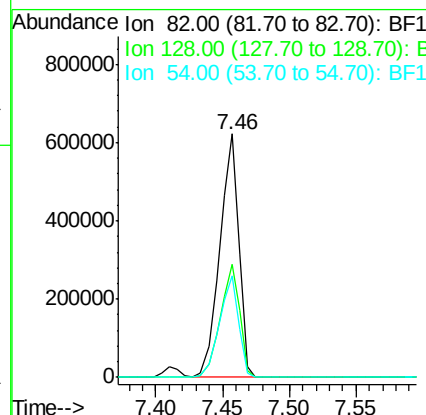
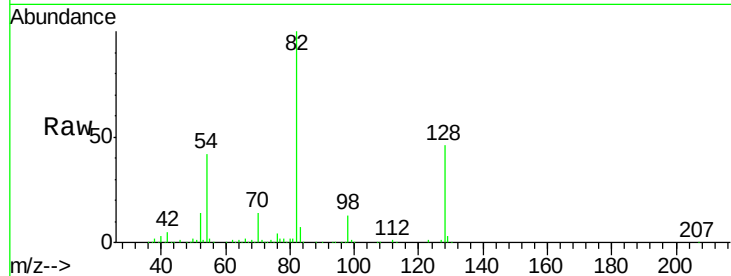




#23
Nitrobenzene-d5
Concen: 97.241 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

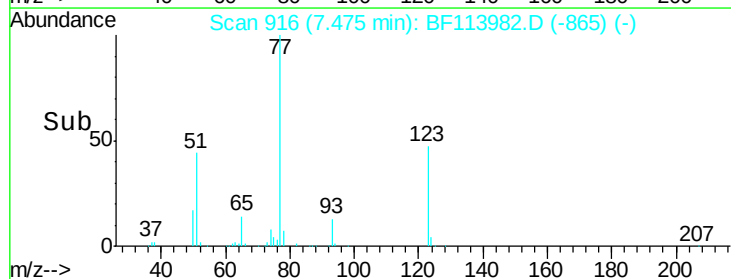
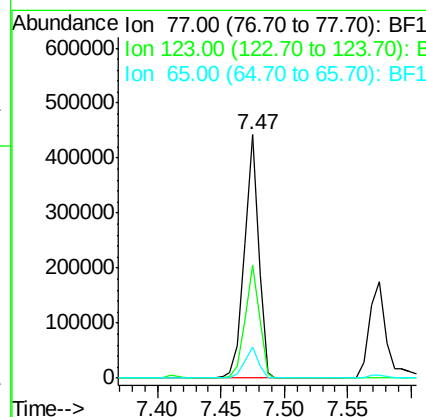
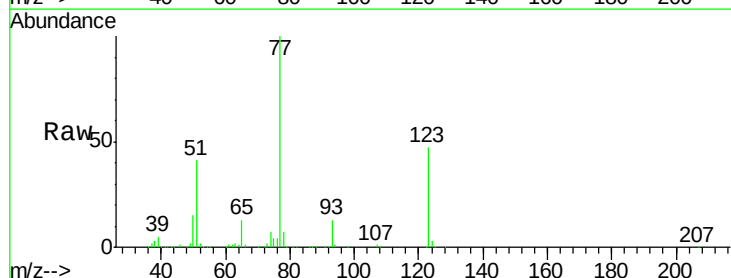
Instrument :
BNA_F
ClientSampleId :

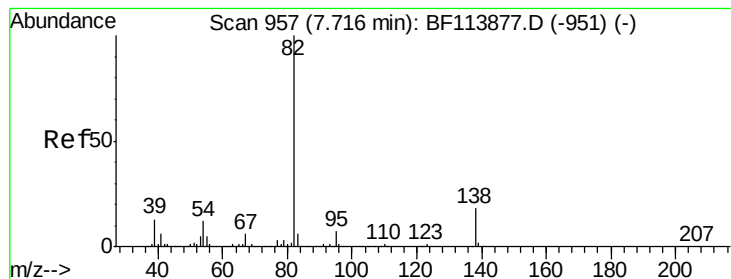
Tot Ion	82	Resp	627823
Ion Ratio	Lower	Upper	
82	100		
128	46.3	36.8	55.2
54	41.8	33.8	50.6



#24
Nitrobenzene
Concen: 47.847 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	77	Resp	341340
Ion Ratio	Lower	Upper	
77	100		
123	46.6	36.3	54.5
65	12.6	10.3	15.5





#25

Isophorone

Concen: 45.656 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

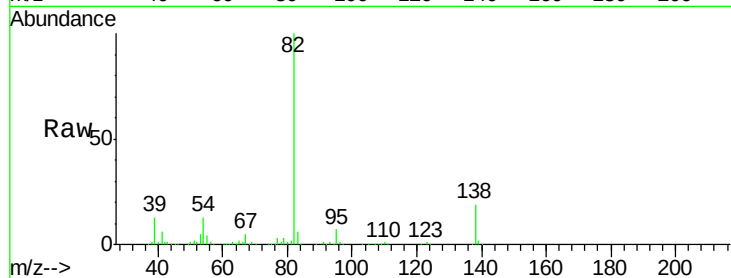
Tot Ion: 82 Resp: 603150

Ion Ratio Lower Upper

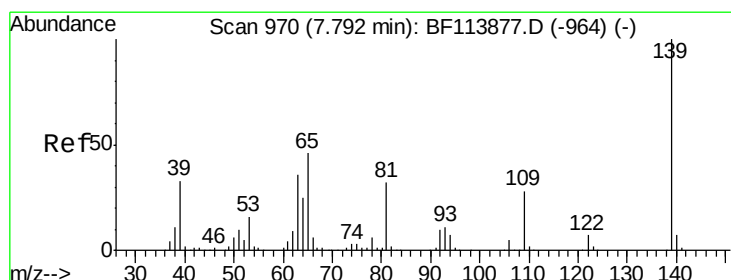
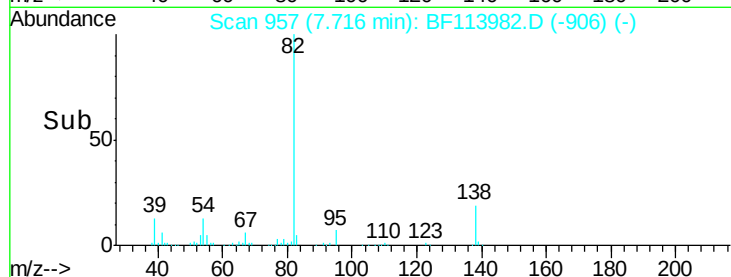
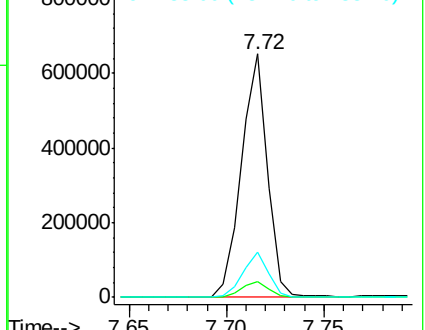
82 100

95 6.7 5.4 8.2

138 18.5 14.6 22.0



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



#26

2-Nitrophenol

Concen: 51.895 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

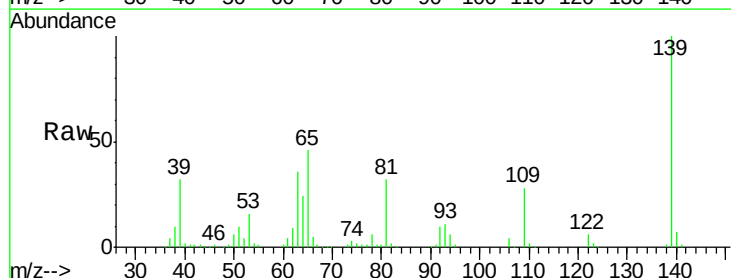
Tgt Ion: 139 Resp: 168896

Ion Ratio Lower Upper

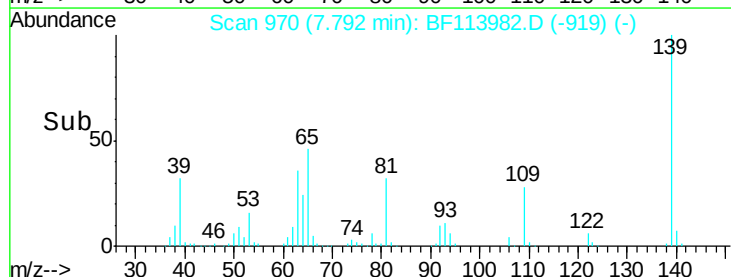
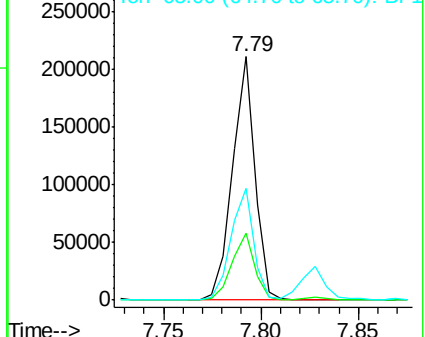
139 100

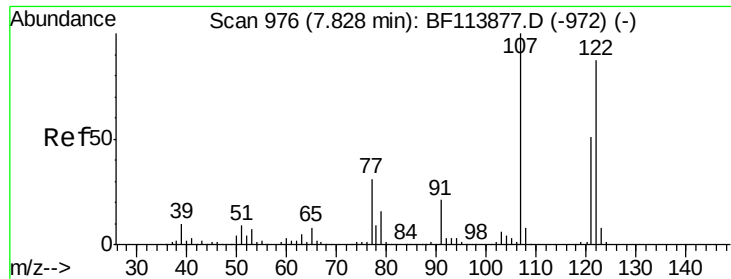
109 27.6 20.6 31.0

65 45.8 34.6 52.0



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





#27

2,4-Dimethylphenol

Concen: 51.588 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampled :

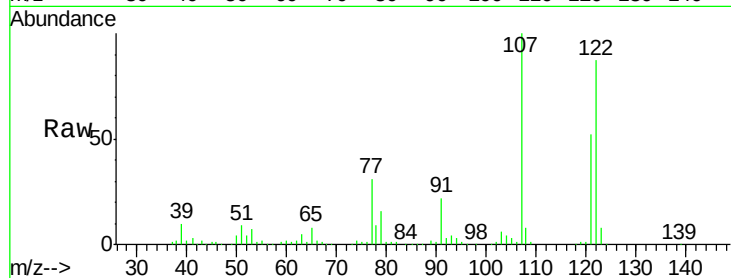
Tot Ion:122 Resp: 273550

Ion Ratio Lower Upper

122 100

107 115.5 91.2 136.8

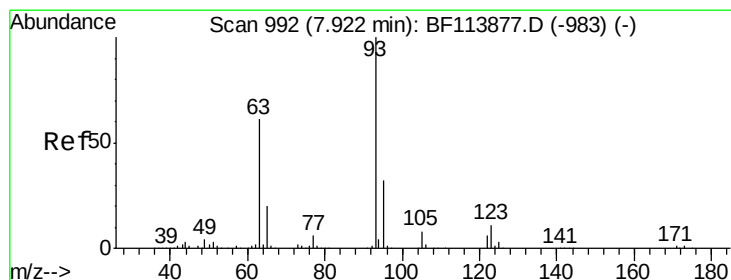
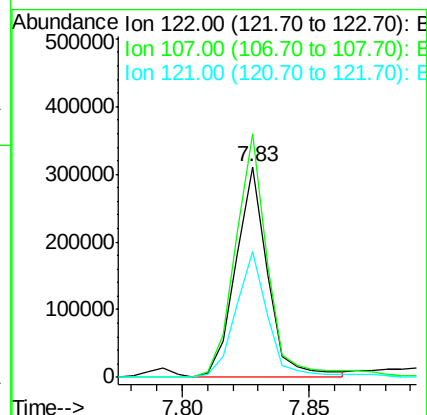
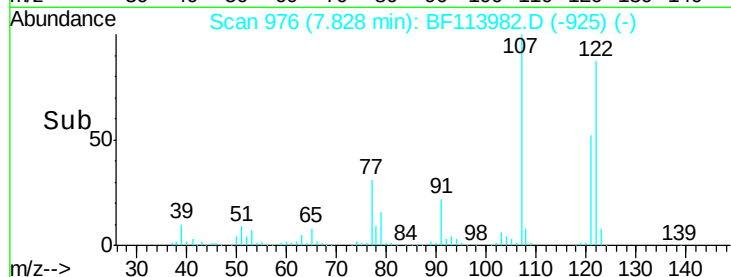
121 59.8 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.384 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

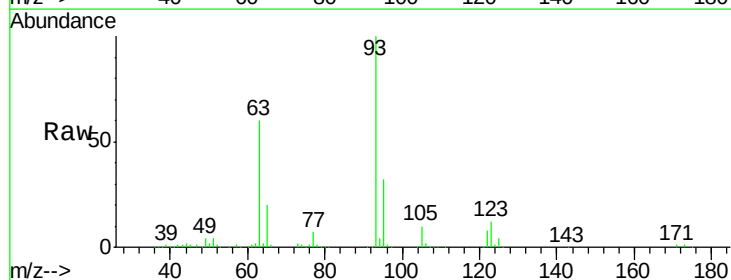
Tgt Ion: 93 Resp: 382046

Ion Ratio Lower Upper

93 100

95 31.7 25.8 38.6

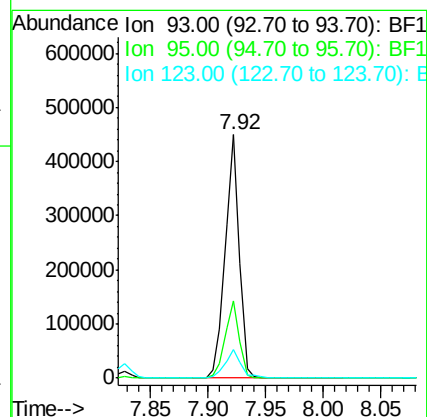
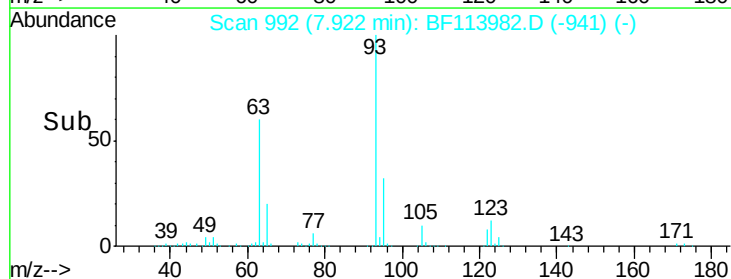
123 12.0 9.0 13.6

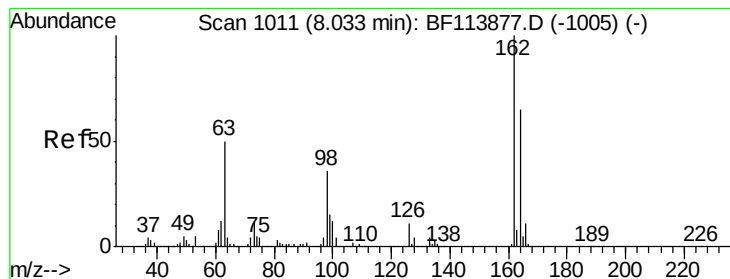


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.378 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

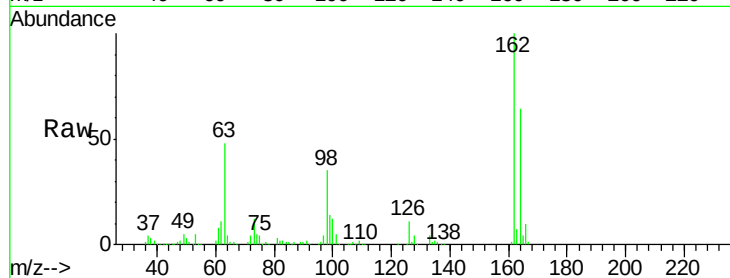
Tot Ion:162 Resp: 293346

Ion Ratio Lower Upper

162 100

164 64.5 43.7 83.7

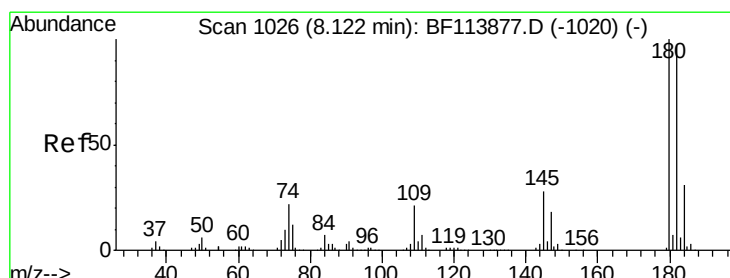
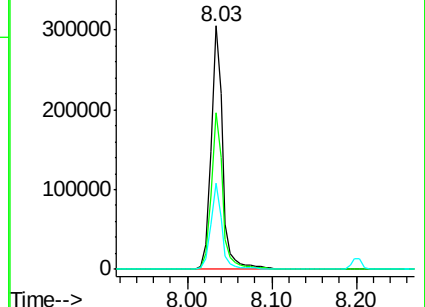
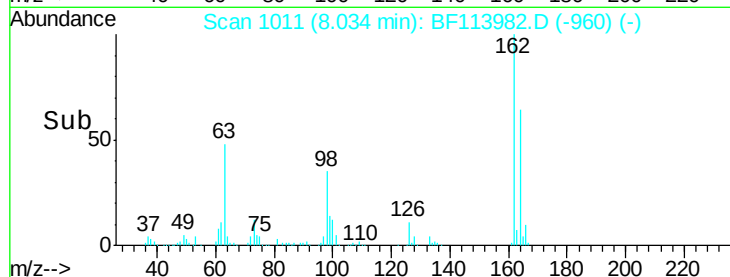
98 35.2 15.5 55.5



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: 46.308 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

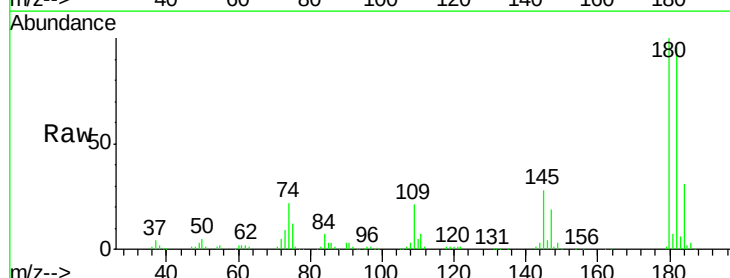
Tgt Ion:180 Resp: 313091

Ion Ratio Lower Upper

180 100

182 96.2 75.4 113.0

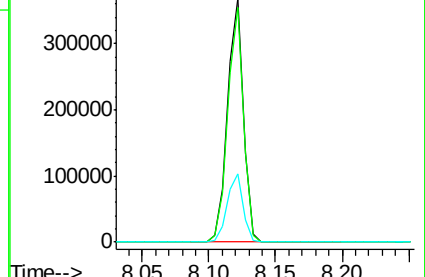
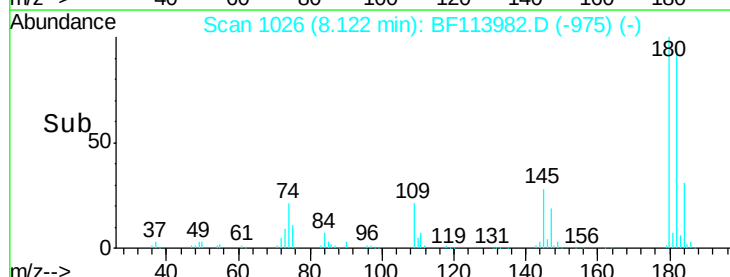
145 28.3 23.0 34.4

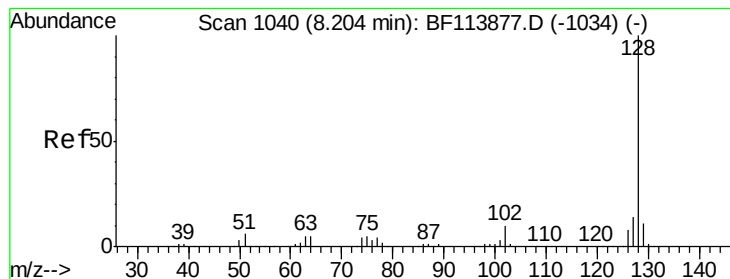


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.910 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

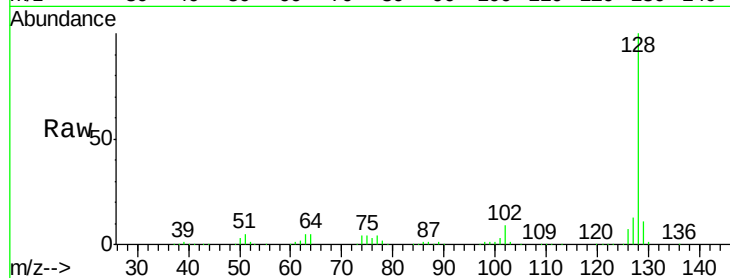
Tot Ion:128 Resp: 907299

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.0

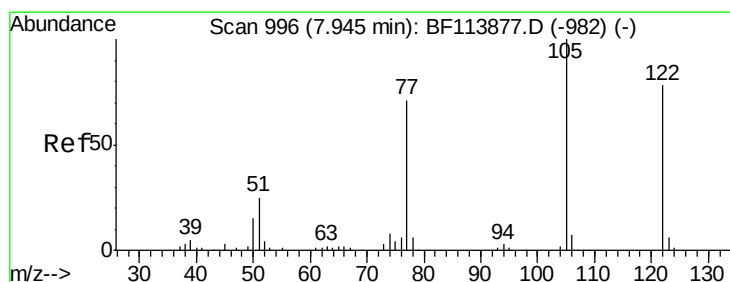
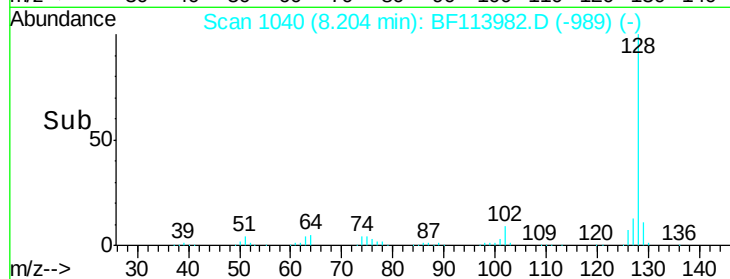
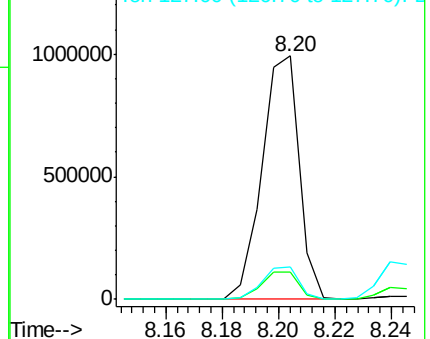
127 13.2 10.8 16.2



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: 41.081 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

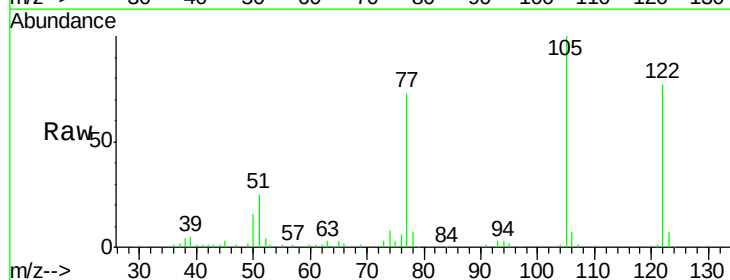
Tgt Ion:122 Resp: 147108

Ion Ratio Lower Upper

122 100

105 130.1 104.3 144.3

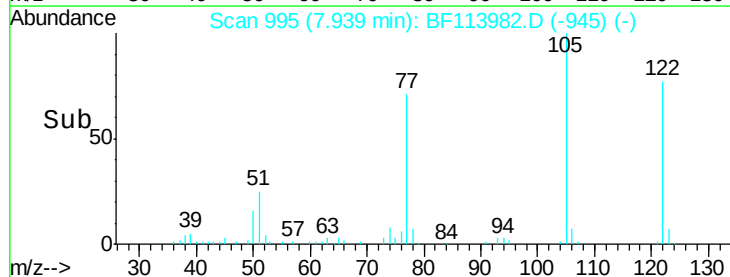
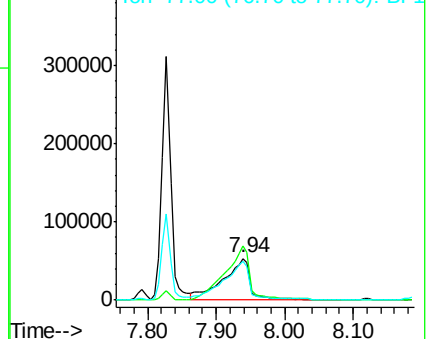
77 94.9 70.4 110.4

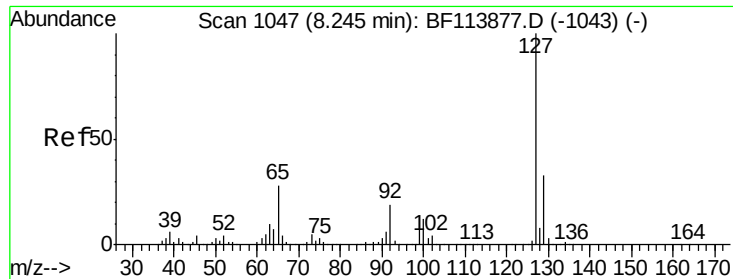


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

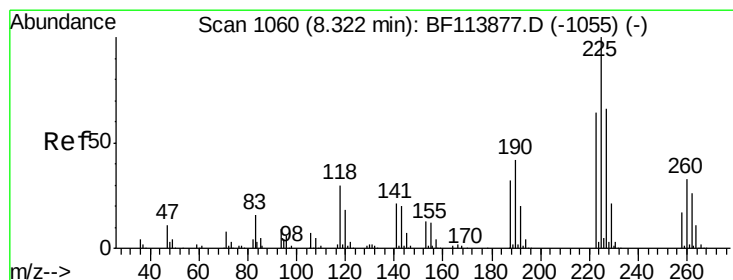
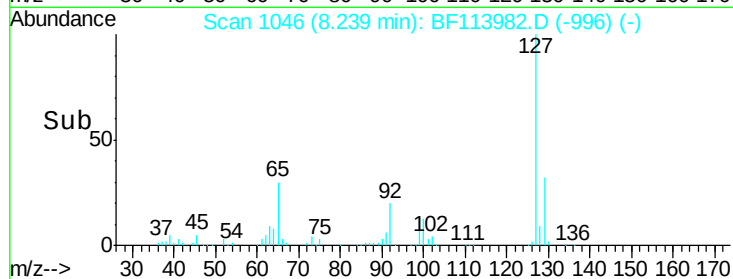
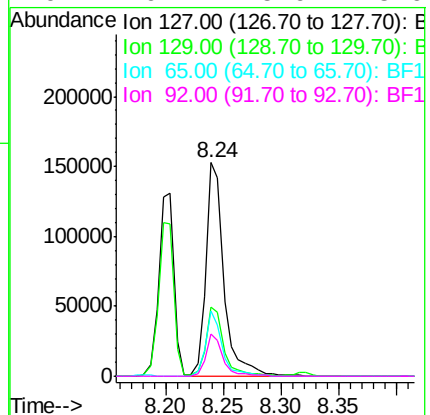
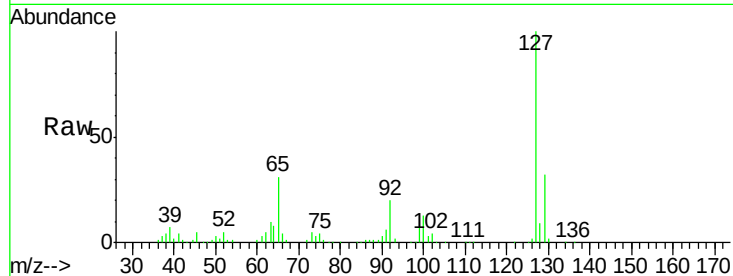




#33
4-Chloroaniline
Concen: 20.948 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

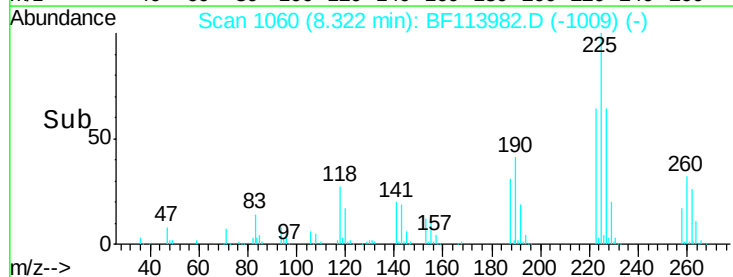
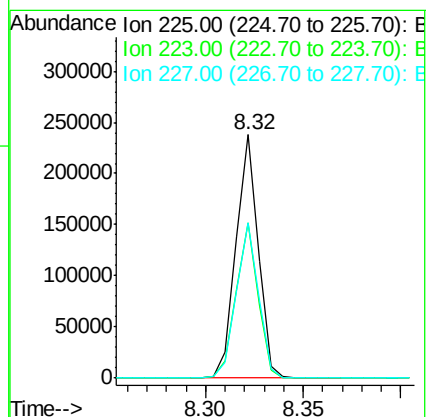
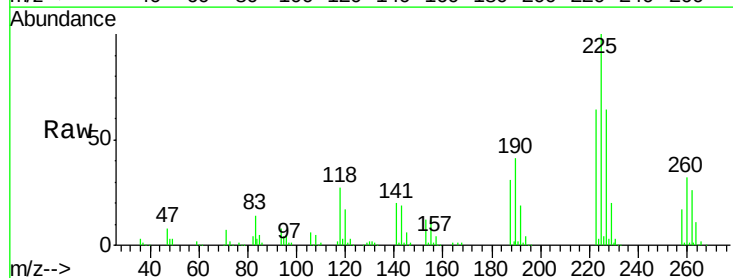
Instrument :
BNA_F
ClientSampled :

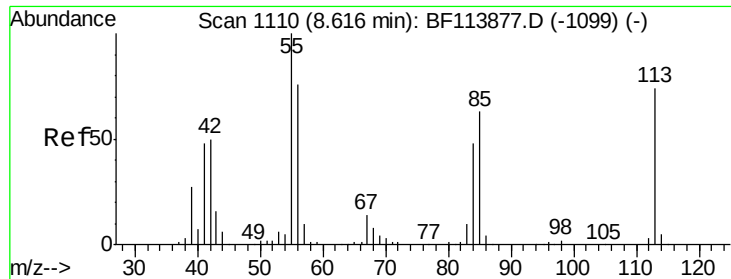
Tot Ion:	127	Resp:	167859
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.4	39.6
65	30.8	24.9	37.3
92	20.1	15.9	23.9



#34
Hexachlorobutadiene
Concen: 44.618 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion:	225	Resp:	188054
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.1	76.7
227	63.9	49.9	74.9

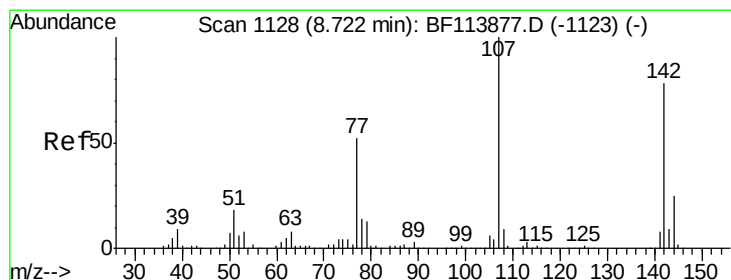
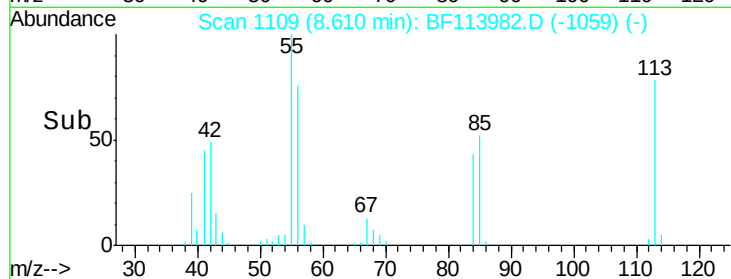
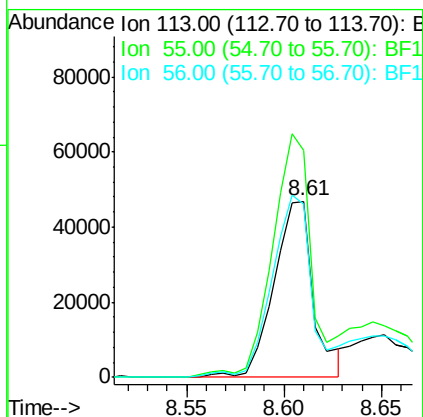
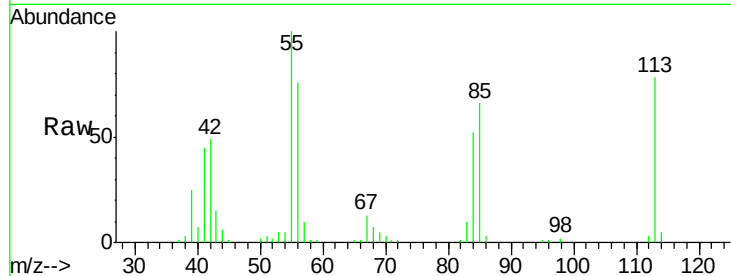




#35
 Caprolactam
 Concen: 33.892 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

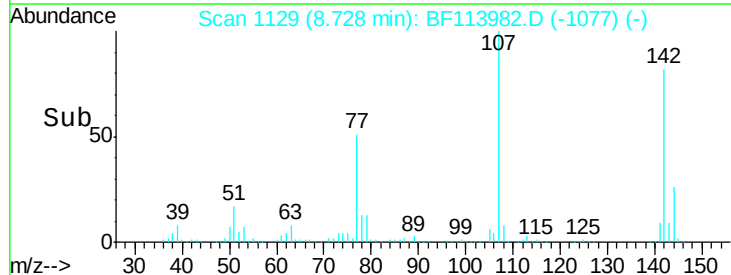
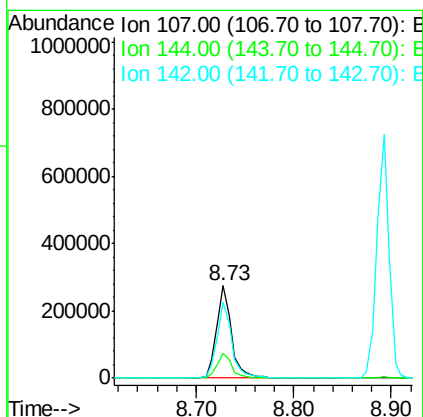
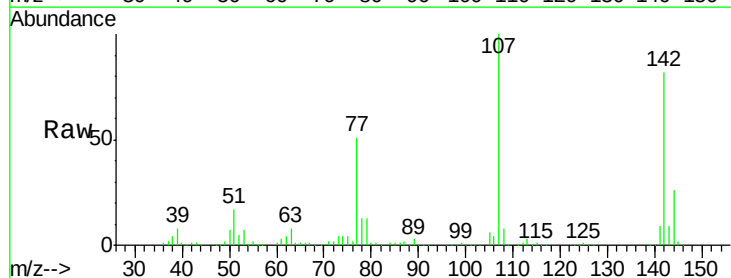
Instrument :
 BNA_F
 ClientSampleId :

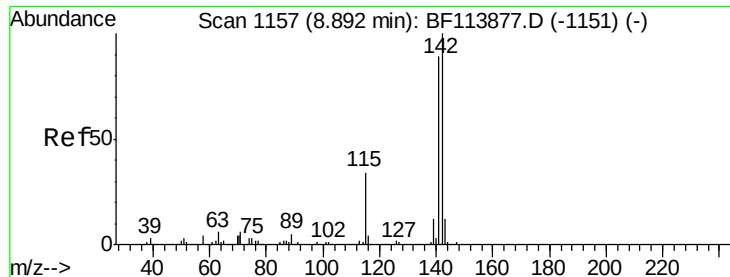
Tot Ion:113 Resp: 65375
 Ion Ratio Lower Upper
 113 100
 55 128.8 128.6 168.6
 56 98.2 91.9 131.9



#36
 4-Chloro-3-methylphenol
 Concen: 48.696 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Tgt Ion:107 Resp: 292536
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 82.1 64.2 96.4

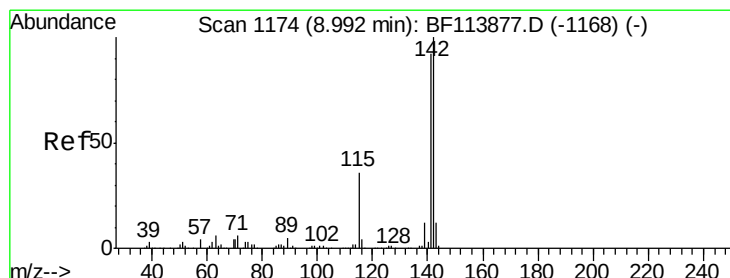
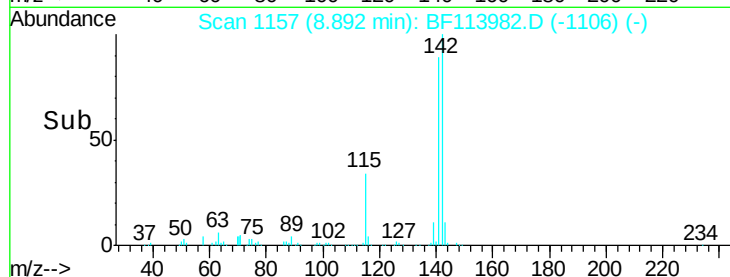
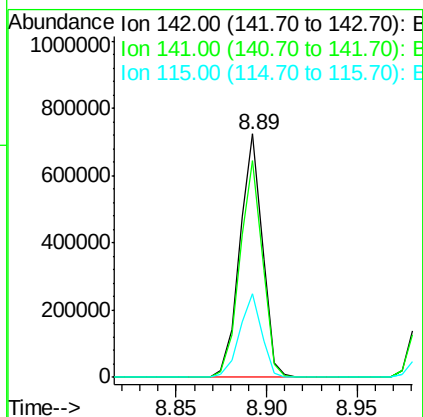
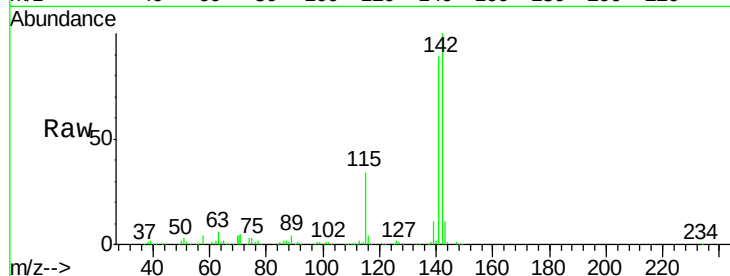




#37
2-Methylnaphthalene
Concen: 48.887 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

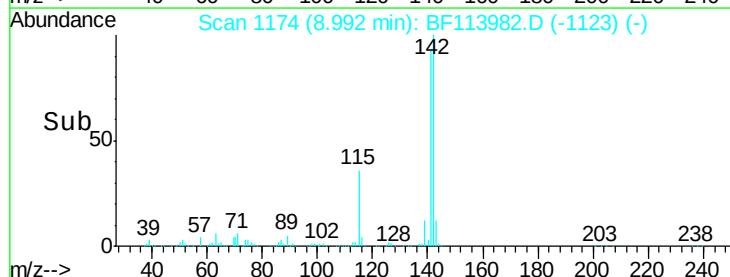
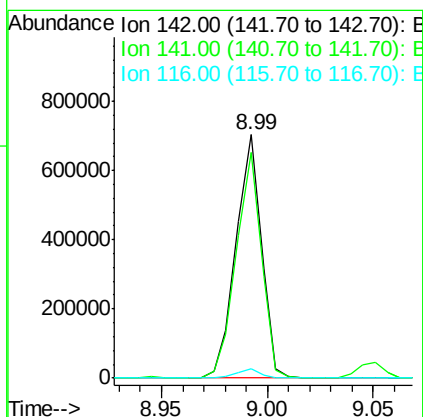
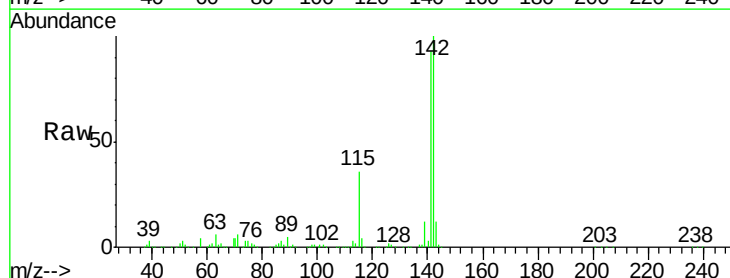
Instrument :
BNA_F
ClientSampled :

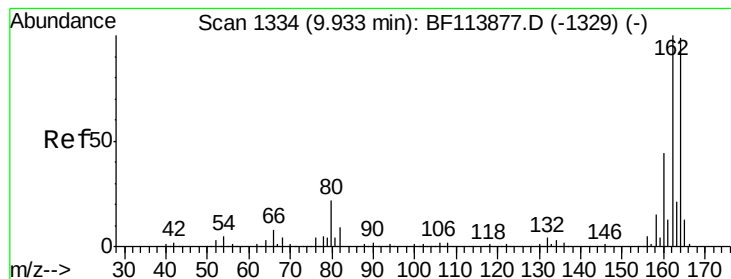
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.4	105.6
115	34.2	26.3	39.5



#38
1-Methylnaphthalene
Concen: 47.684 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.3	108.5
116	3.7	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

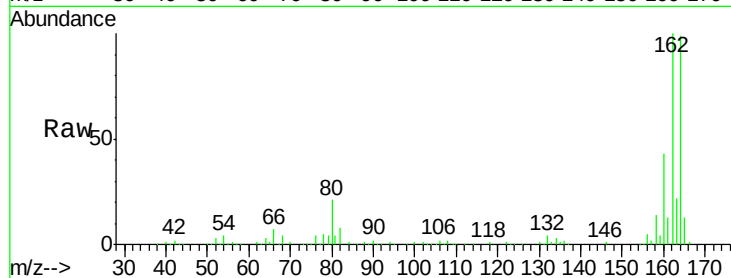
Tot Ion:164 Resp: 215903

Ion Ratio Lower Upper

164 100

162 101.3 81.1 121.7

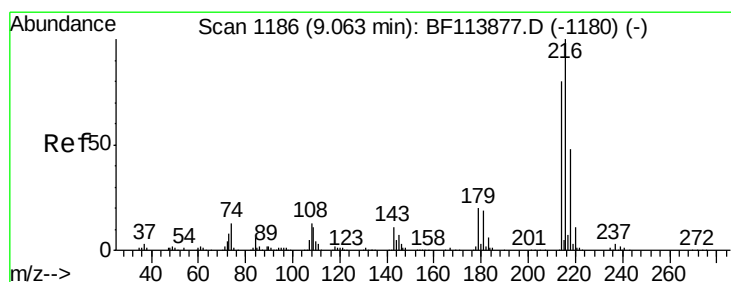
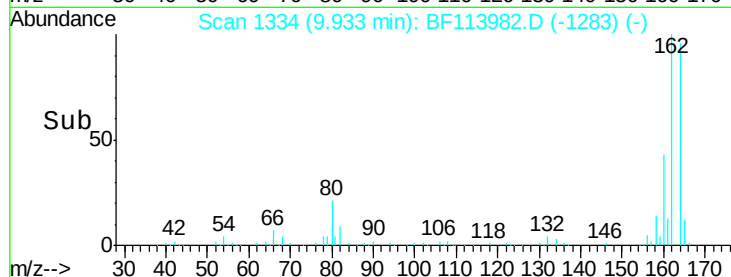
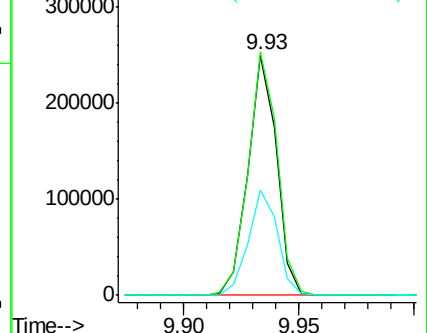
160 43.9 35.8 53.6



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: 45.329 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Tgt Ion:216 Resp: 317905

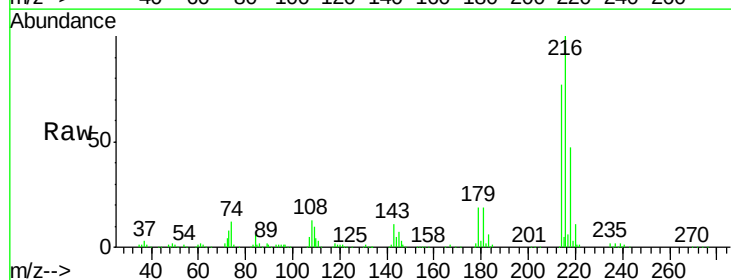
Ion Ratio Lower Upper

216 100

214 79.1 63.5 95.3

179 20.4 16.1 24.1

108 18.0 13.4 20.0

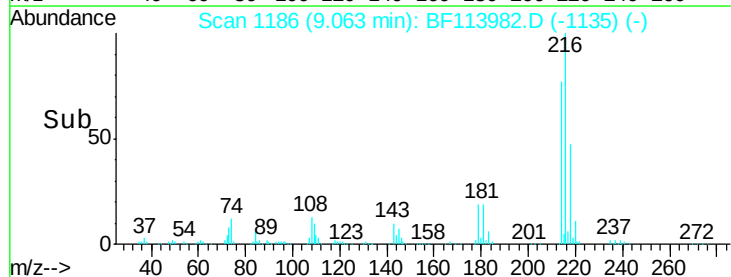
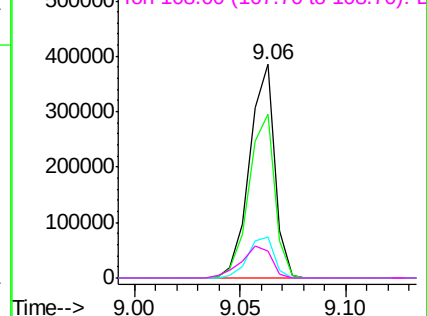


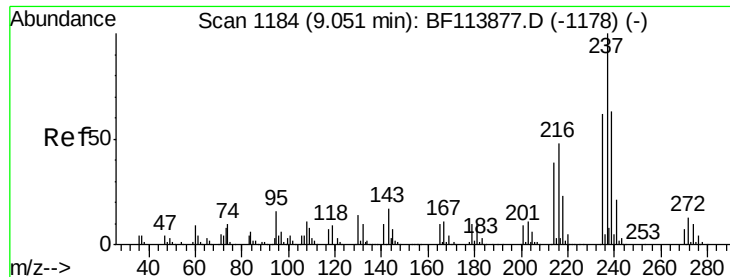
Abundance Ion 216.00 (215.70 to 216.70): E

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

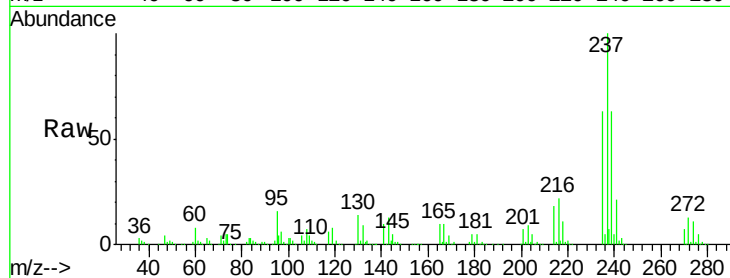




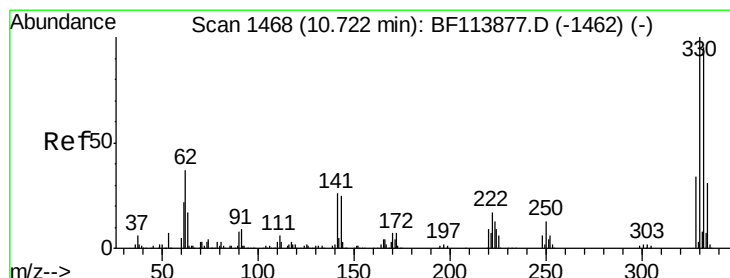
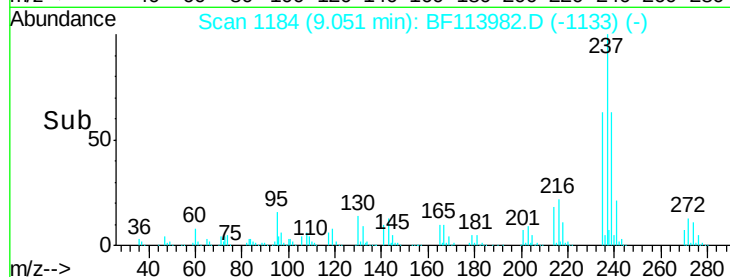
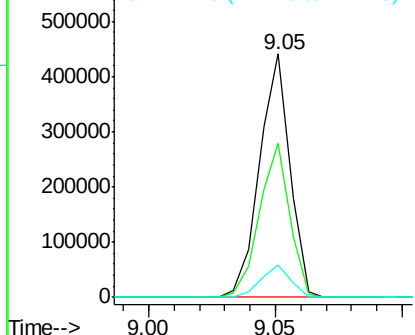
#41
Hexachlorocyclopentadiene
Concen: 93.539 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 365818
Ion Ratio Lower Upper
237 100
235 63.0 42.6 82.6
272 13.2 0.0 33.8

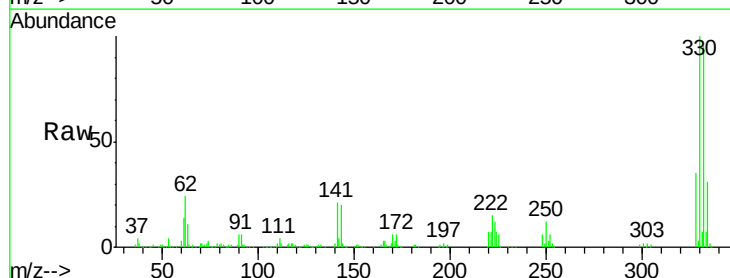


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

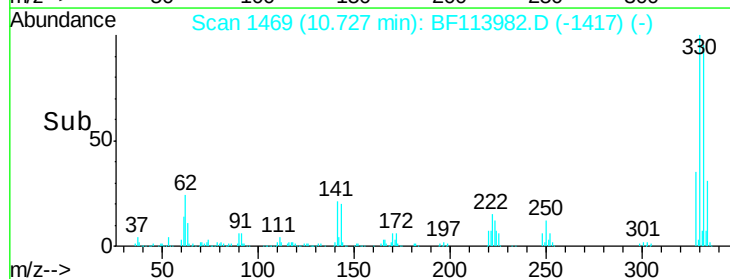
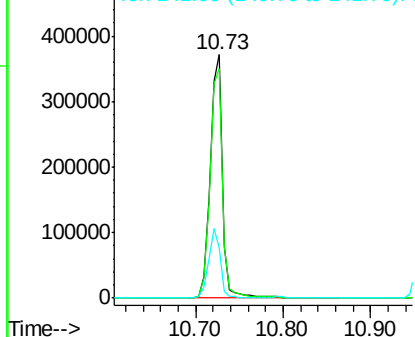


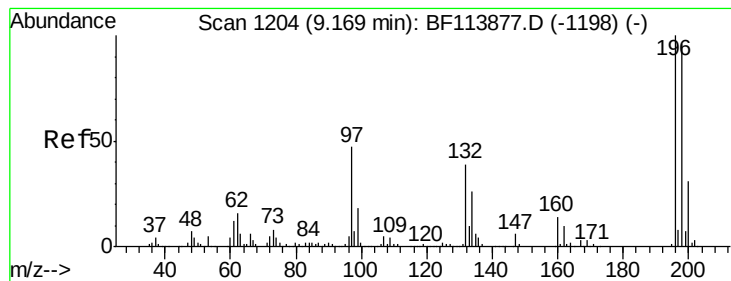
#42
2,4,6-Tribromophenol
Concen: 137.876 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion:330 Resp: 362633
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 27.3 22.2 33.2



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: 49.656 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :

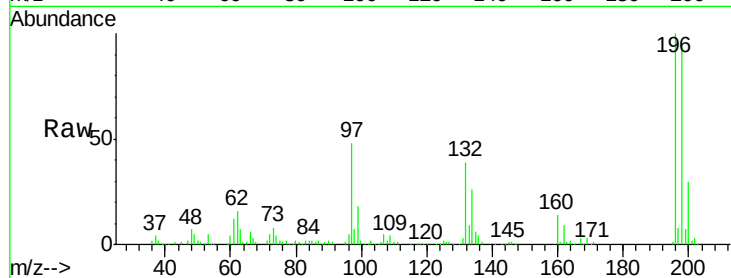
Tot Ion:196 Resp: 221136

Ion Ratio Lower Upper

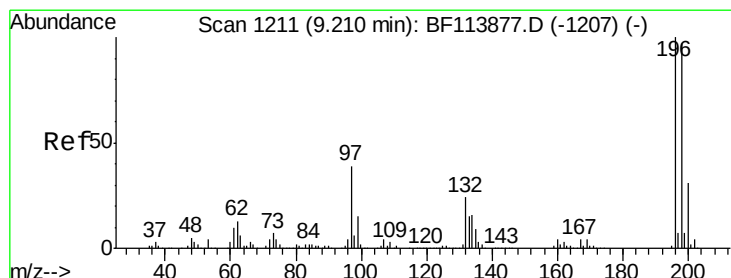
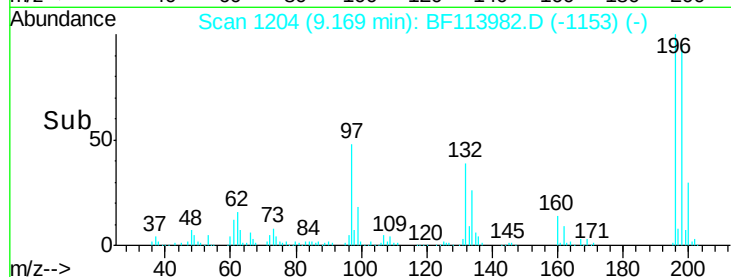
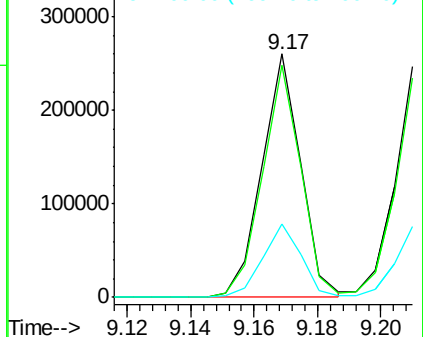
196 100

198 95.4 75.6 113.4

200 30.3 24.7 37.1



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: 49.469 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Tgt Ion:196 Resp: 247101

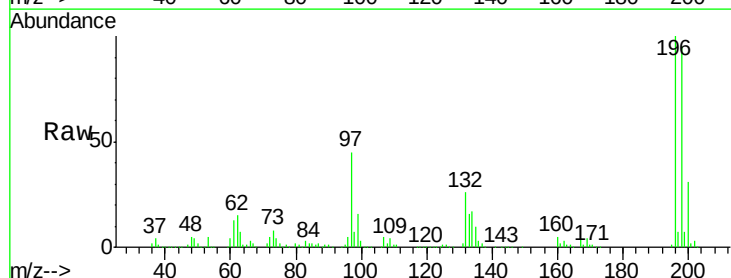
Ion Ratio Lower Upper

196 100

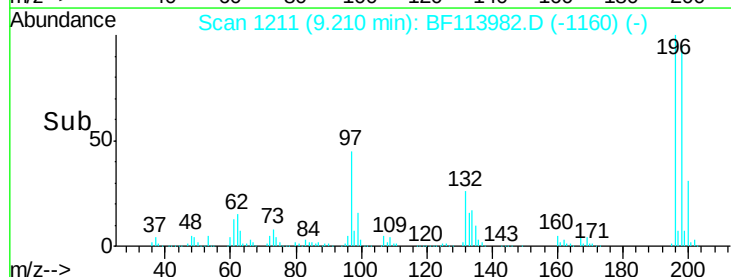
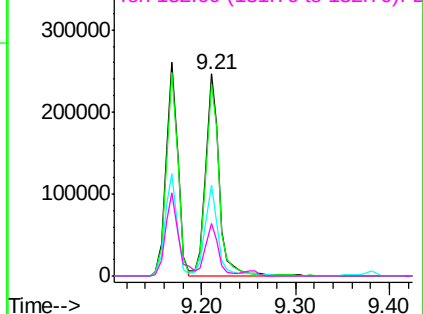
198 95.2 76.2 114.4

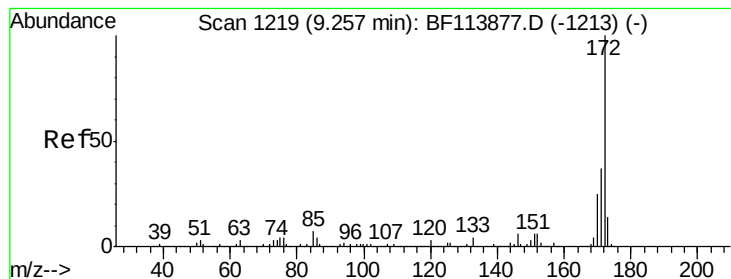
97 44.7 35.8 53.8

132 26.0 20.9 31.3



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





#45

2-Fluorobiphenyl

Concen: 89.080 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

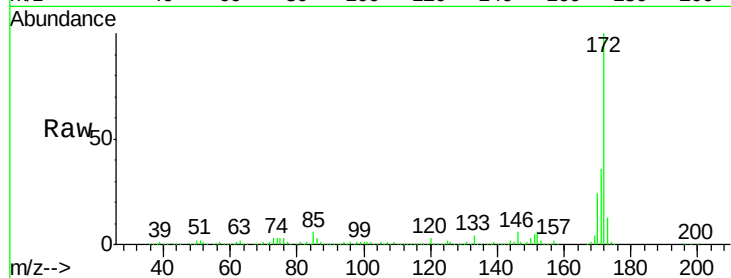
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1229693

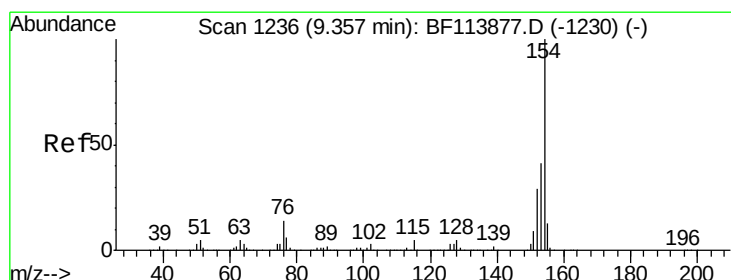
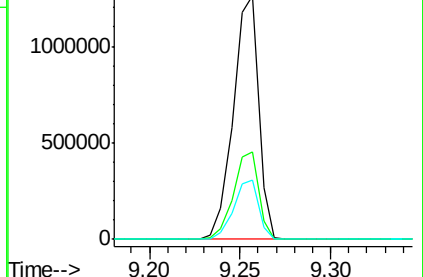
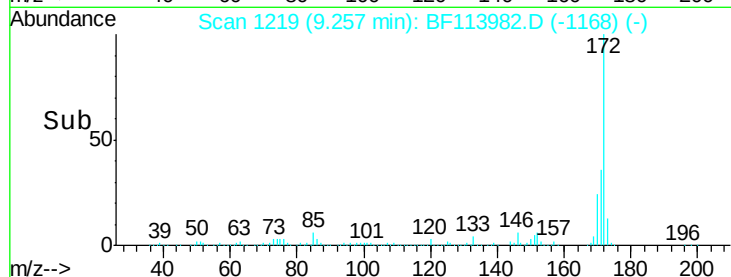
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.2	19.9	29.9



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: 47.665 ng

RT: 9.36 min Scan# 1236

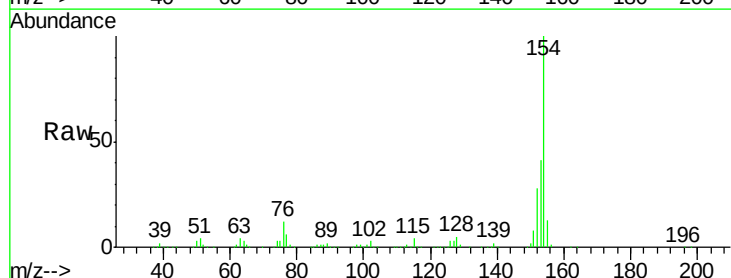
Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Tgt Ion:154 Resp: 786163

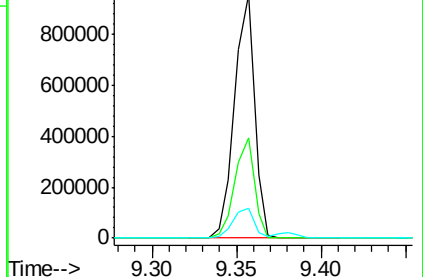
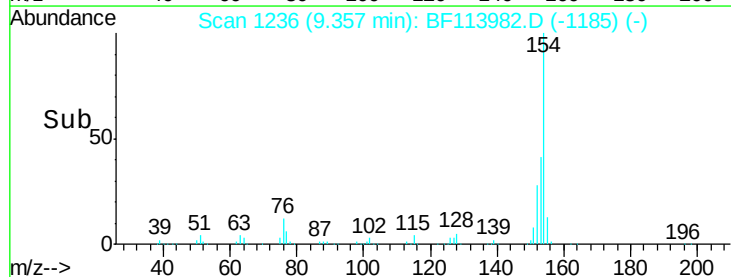
Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.8	60.8
76	12.4	0.0	35.2

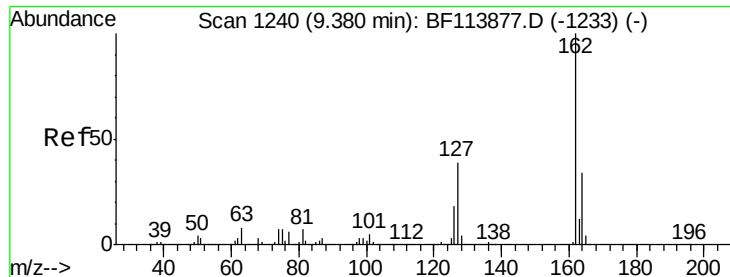


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

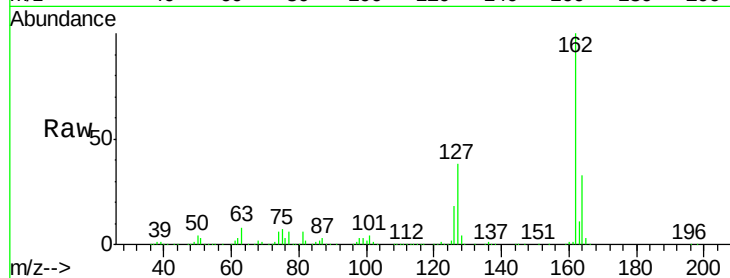




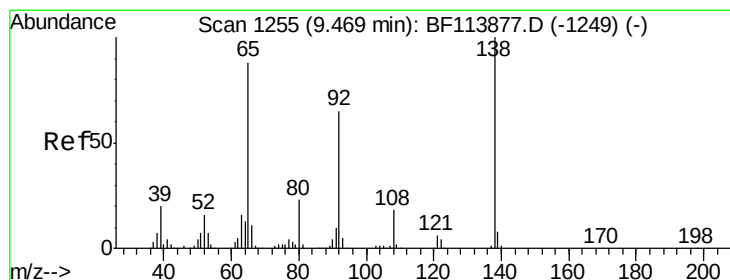
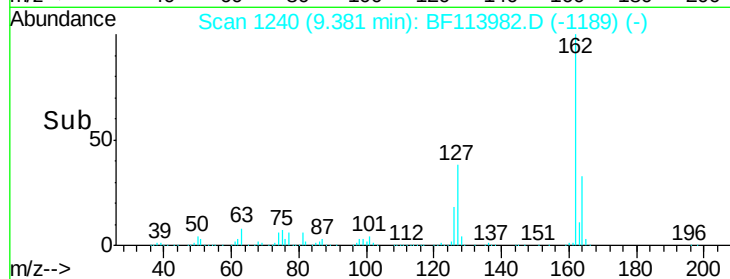
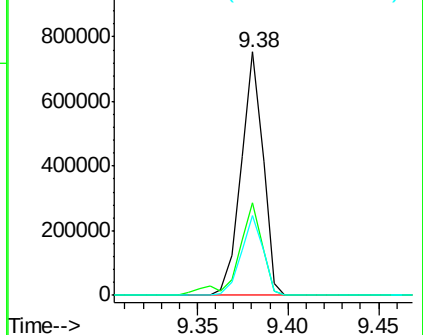
#47
 2-Chloronaphthalene
 Concen: 46.851 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	29.3	43.9
164	33.0	27.1	40.7

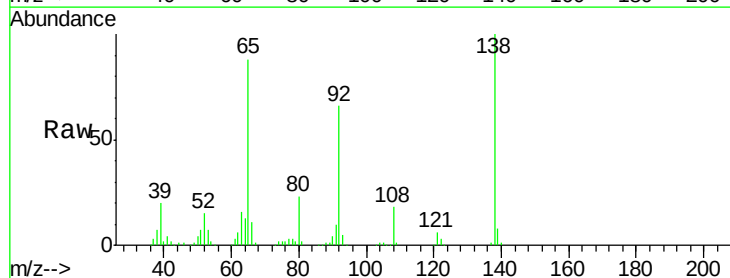


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

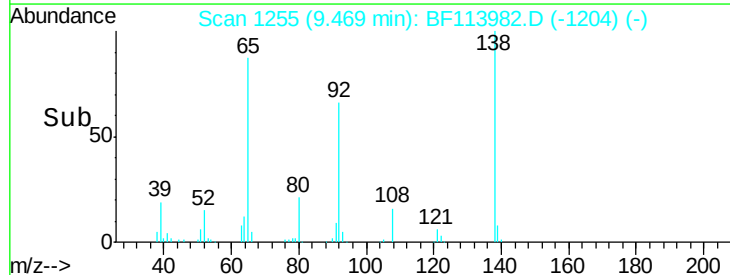
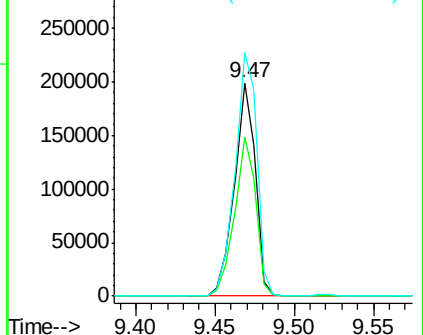


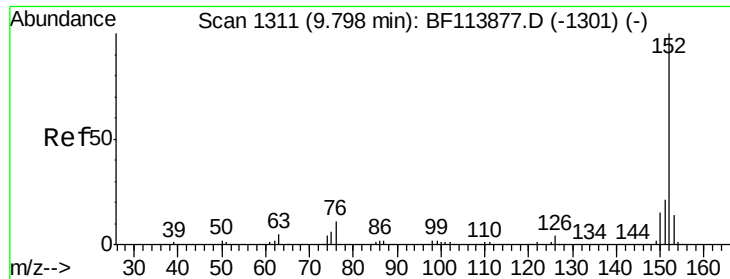
#48
 2-Nitroaniline
 Concen: 52.137 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.8	57.4	86.0
138	114.1	85.4	128.0



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: 46.770 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

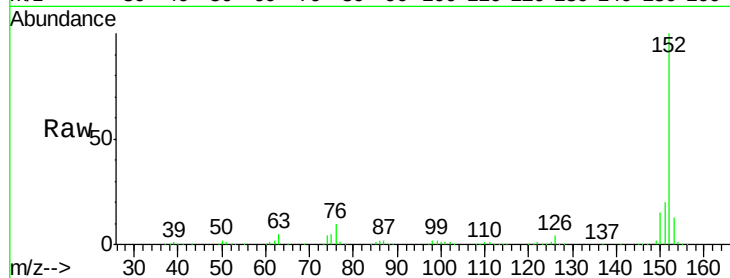
Tot Ion:152 Resp: 982065

Ion Ratio Lower Upper

152 100

151 20.4 17.0 25.4

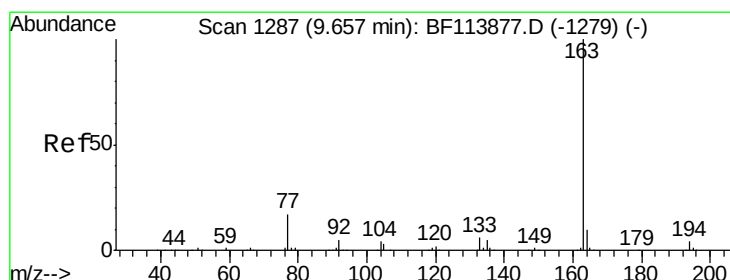
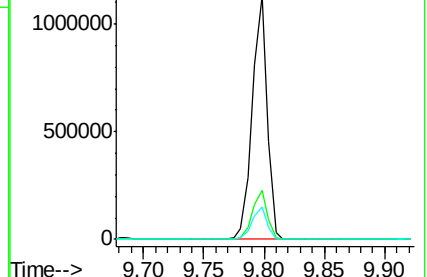
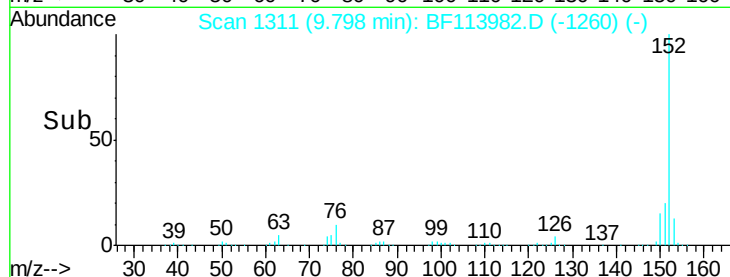
153 13.2 11.0 16.6



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: 59.888 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

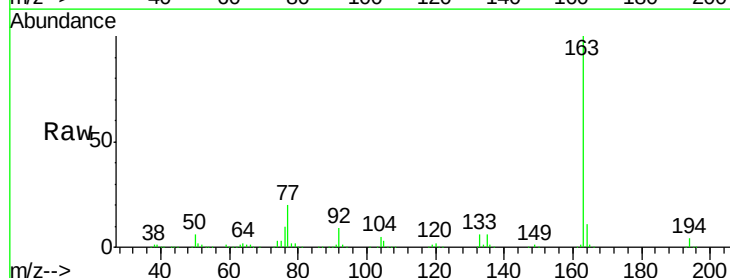
Tgt Ion:163 Resp: 935119

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

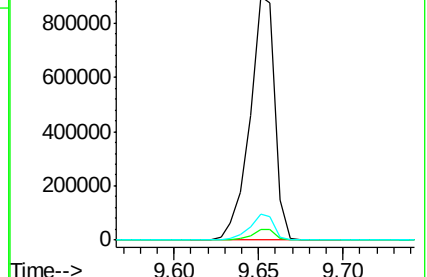
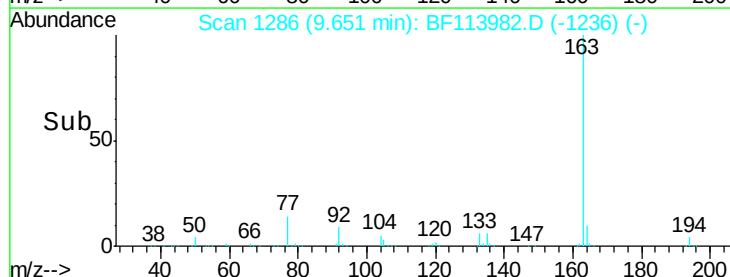
164 10.5 8.5 12.7

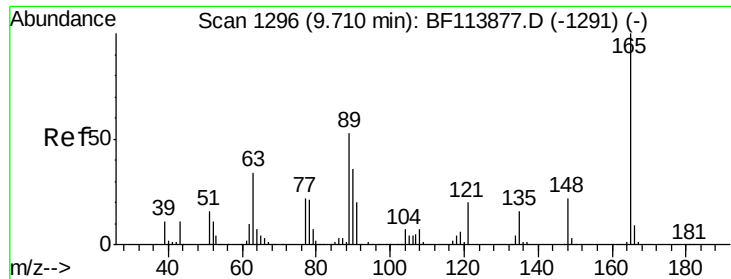


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

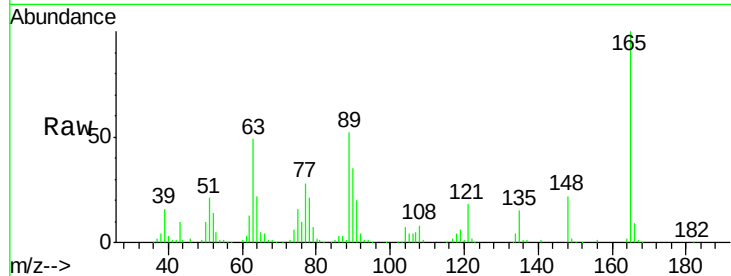




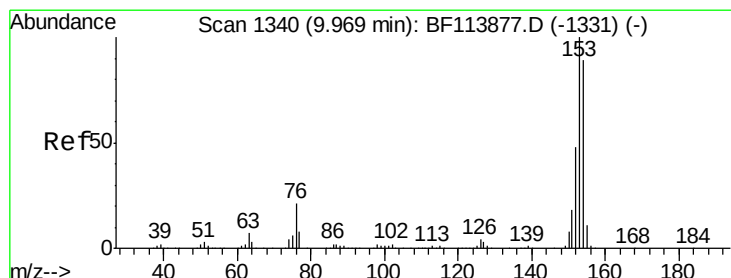
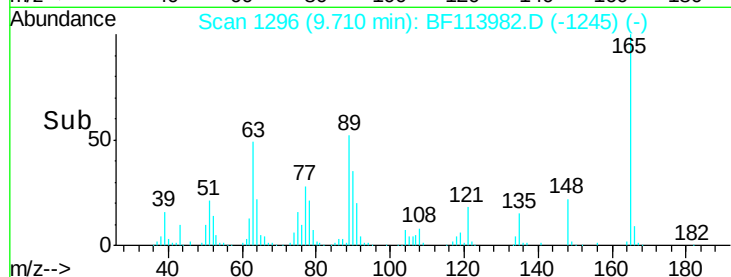
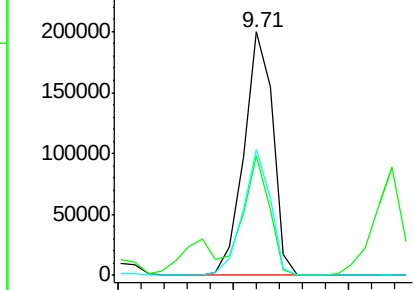
#51
 2,6-Dinitrotoluene
 Concen: 52.279 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 175129
 Ion Ratio Lower Upper
 165 100
 63 49.2 33.8 50.8
 89 51.9 38.2 57.2

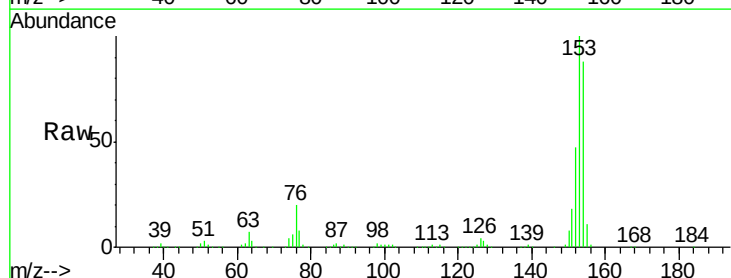


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

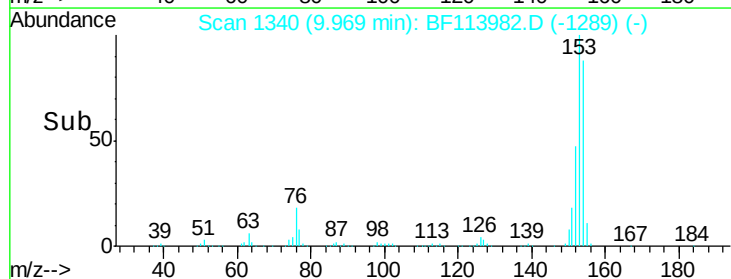
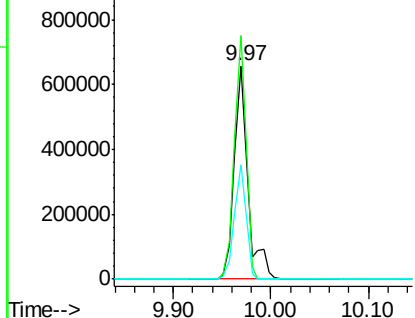


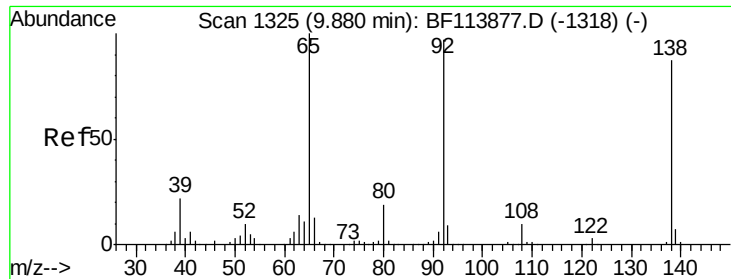
#52
 Acenaphthene
 Concen: 52.185 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Tgt Ion:154 Resp: 647582
 Ion Ratio Lower Upper
 154 100
 153 114.2 87.2 130.8
 152 53.8 42.3 63.5



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

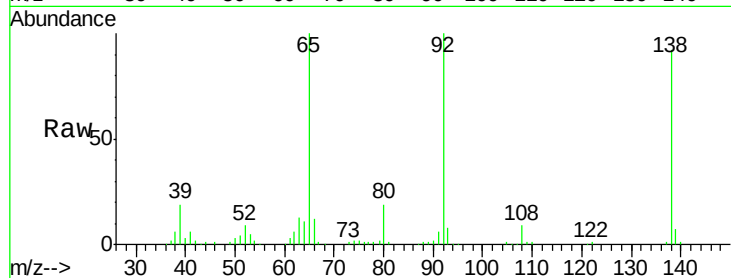




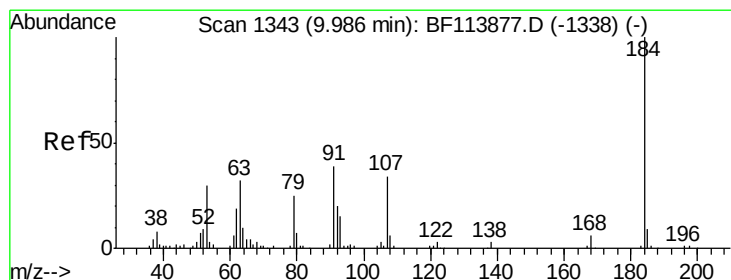
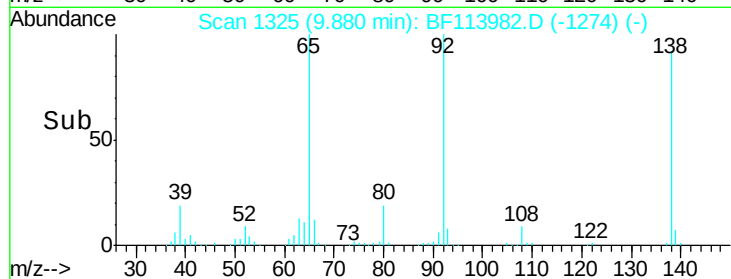
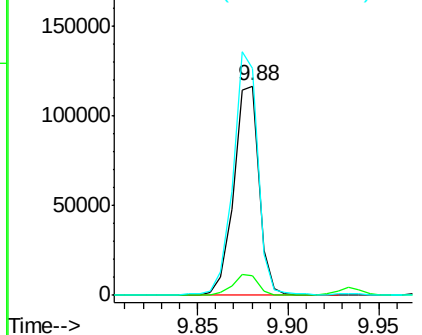
#53
3-Nitroaniline
Concen: 32.292 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 113673
Ion Ratio Lower Upper
138 100
108 9.5 9.4 14.2
92 108.3 94.1 141.1

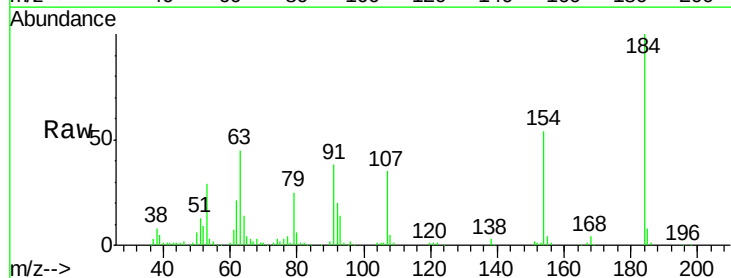


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

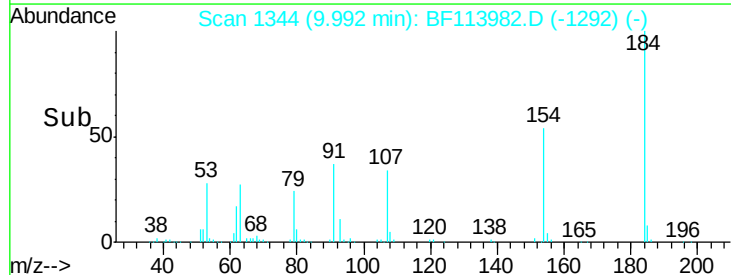
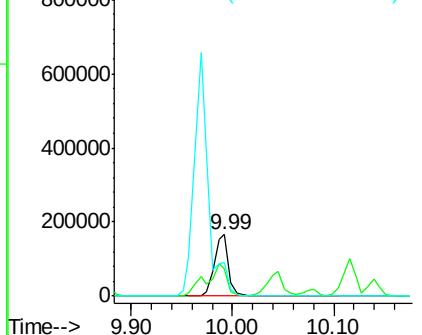


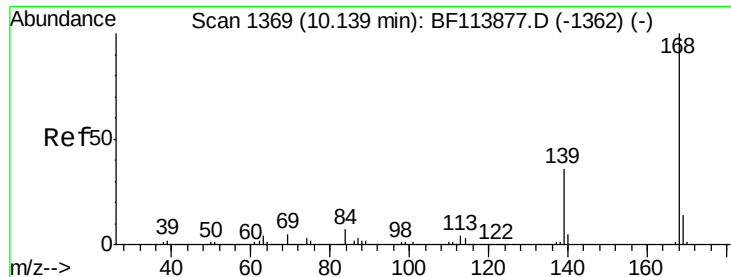
#54
2,4-Dinitrophenol
Concen: 107.867 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion:184 Resp: 161023
Ion Ratio Lower Upper
184 100
63 44.9 54.6 81.8#
154 54.4 218.6 328.0#



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

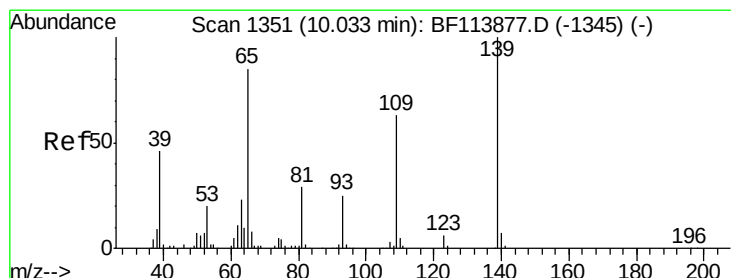
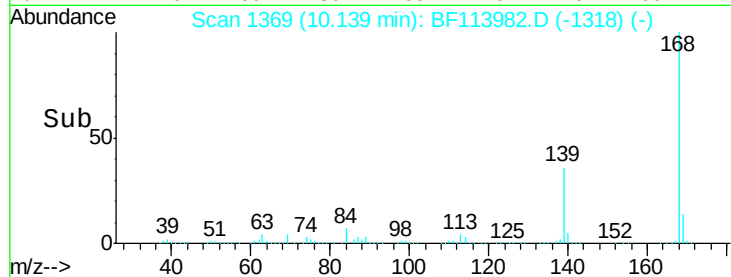
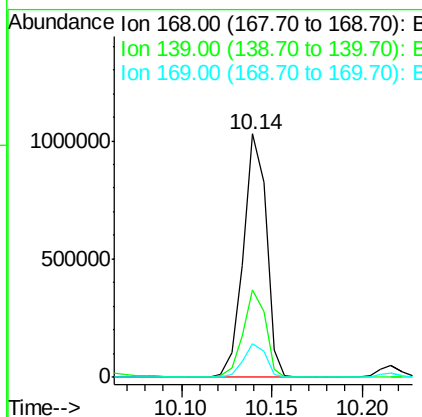
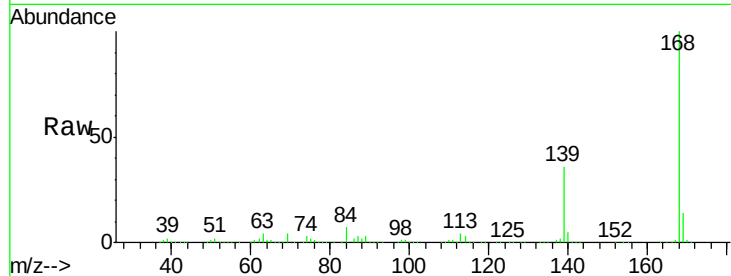




#55
Dibenzofuran
Concen: 48.728 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

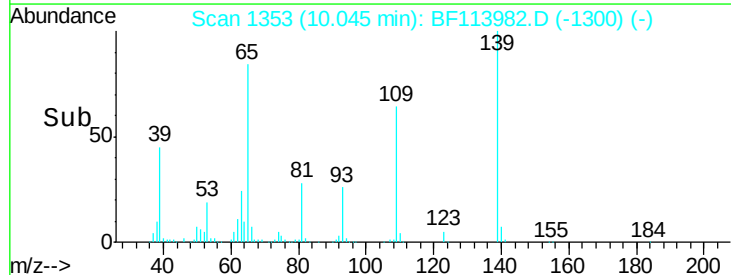
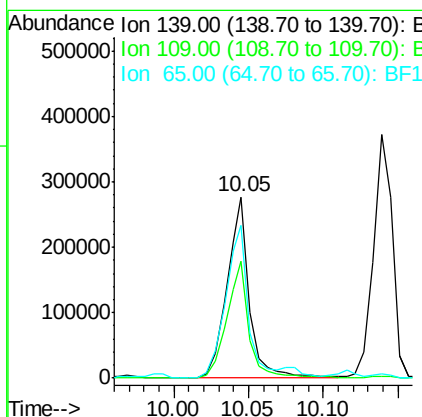
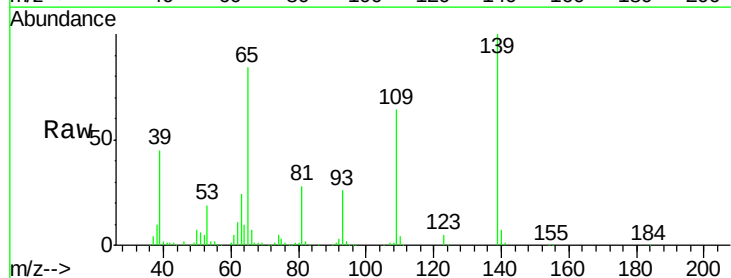
Instrument :
BNA_F
ClientSampleId :

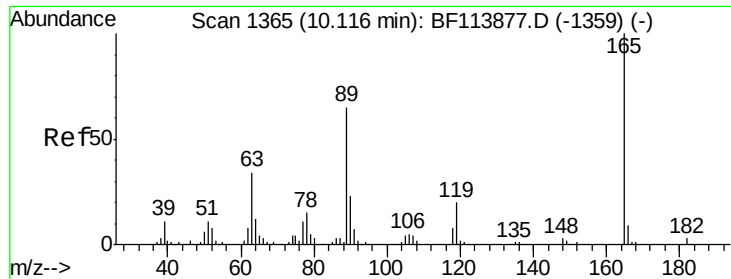
Tot Ion:168 Resp: 905771
Ion Ratio Lower Upper
168 100
139 36.2 27.8 41.6
169 13.7 11.0 16.6



#56
4-Nitrophenol
Concen: 104.908 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion:139 Resp: 292395
Ion Ratio Lower Upper
139 100
109 64.4 42.9 82.9
65 84.5 64.4 104.4

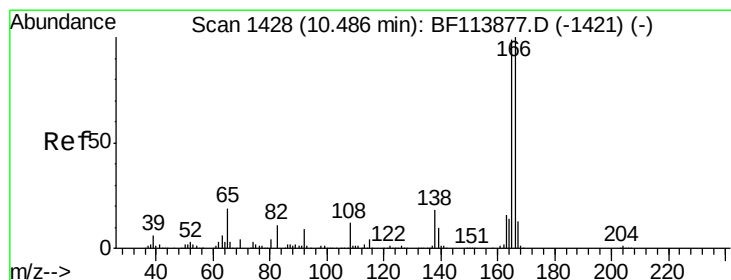
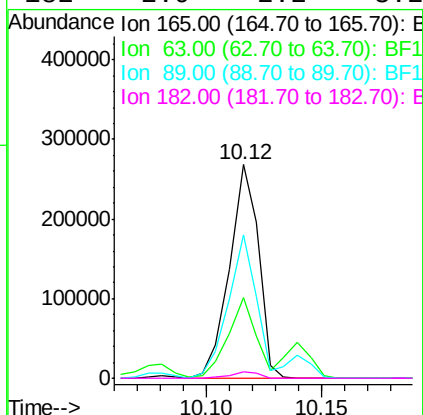
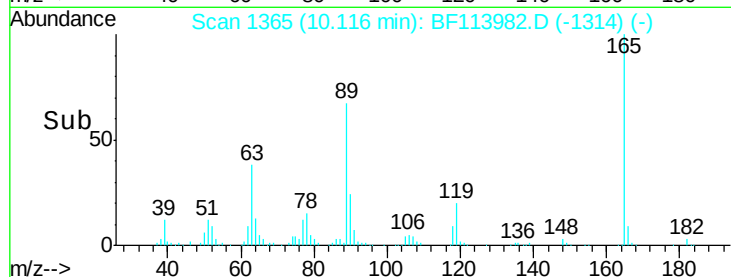
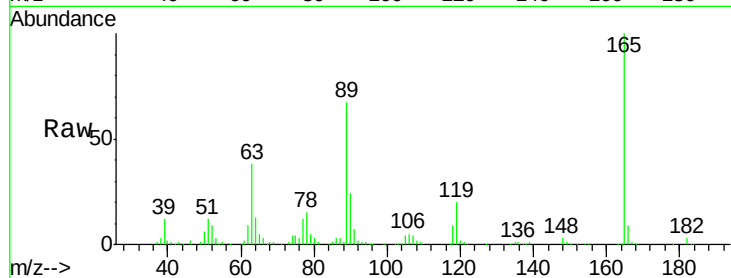




#57
2,4-Dinitrotoluene
Concen: 55.624 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

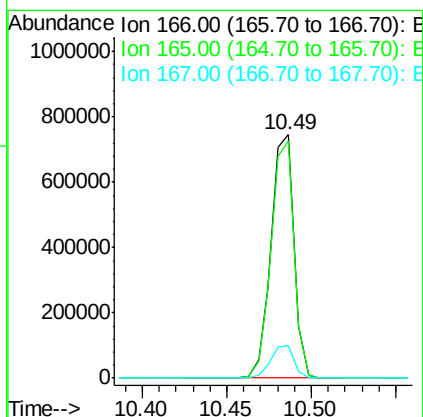
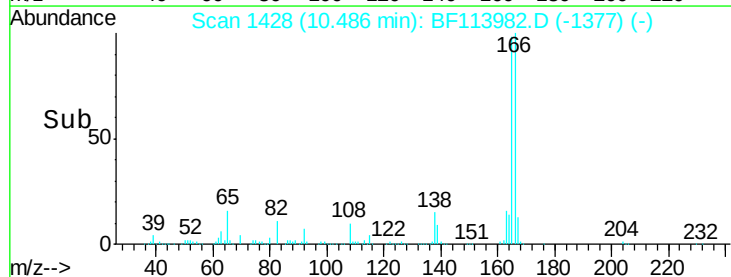
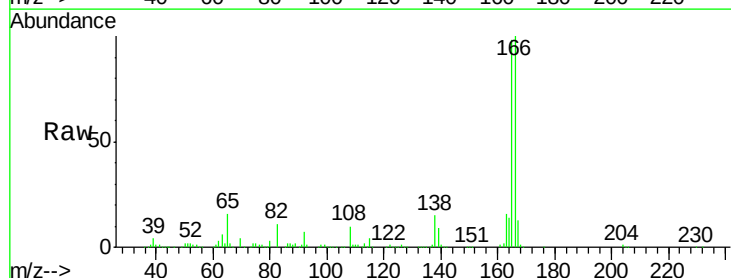
Instrument :
BNA_F
ClientSampleId :

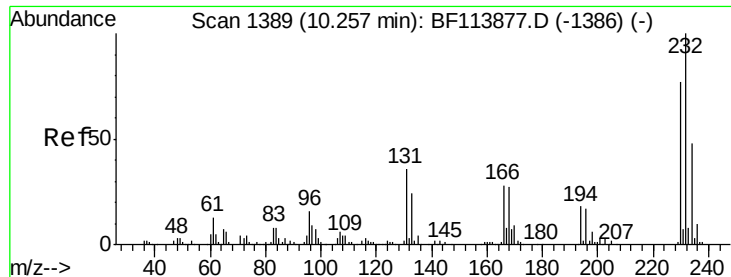
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		235194		
63	37.8	27.4	41.0		
89	67.0	51.8	77.6		
182	2.9	2.2	3.2		



#58
Fluorene
Concen: 49.425 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		691687		
165	97.6	78.4	117.6		
167	13.2	10.9	16.3		

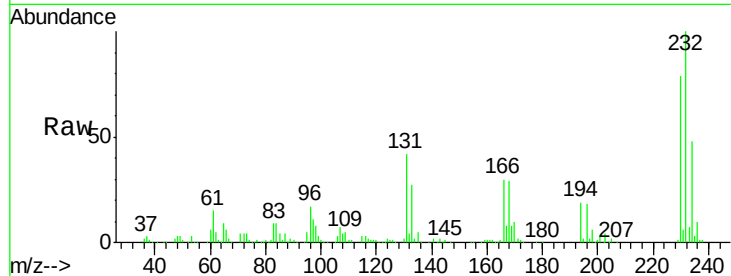




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.276 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.7	30.2	45.2
130	1.7	1.5	2.3
166	25.6	22.2	33.4

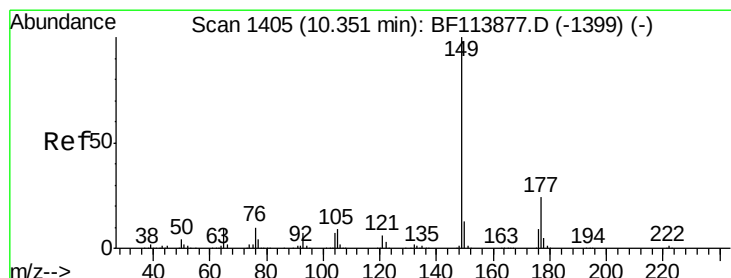
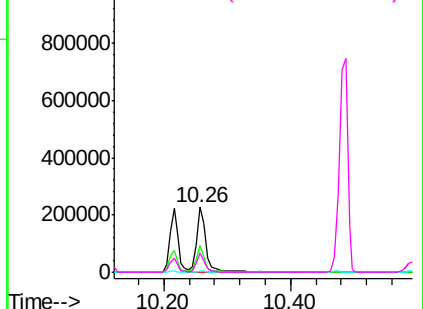
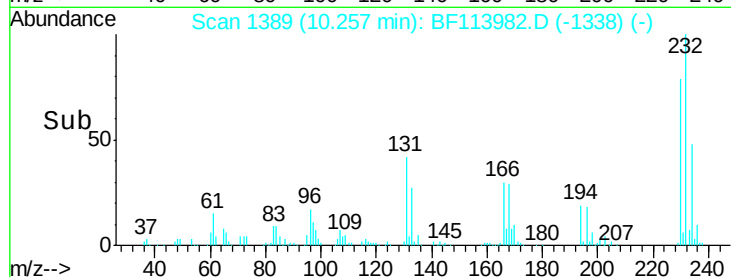


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

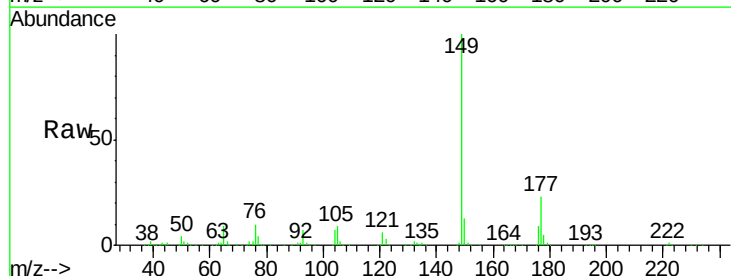
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 49.086 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

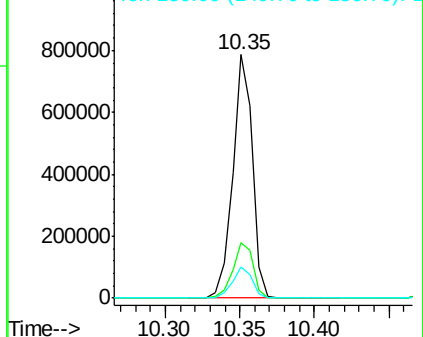
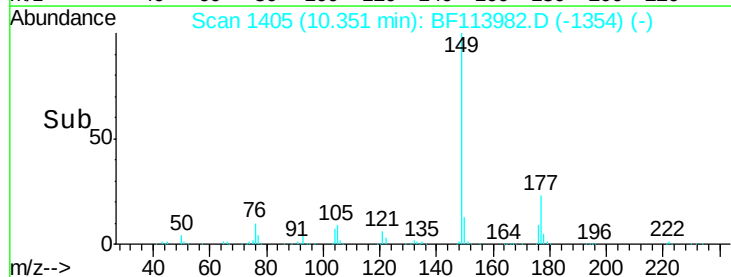
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	19.2	28.8
150	12.8	10.3	15.5

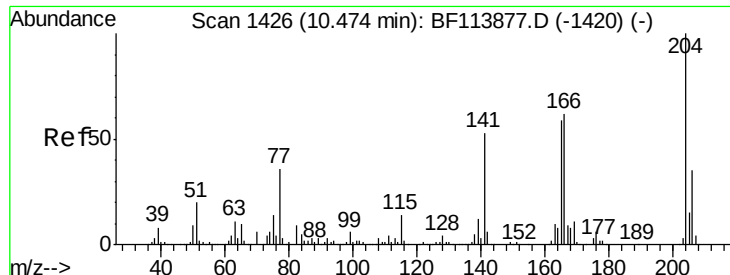


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

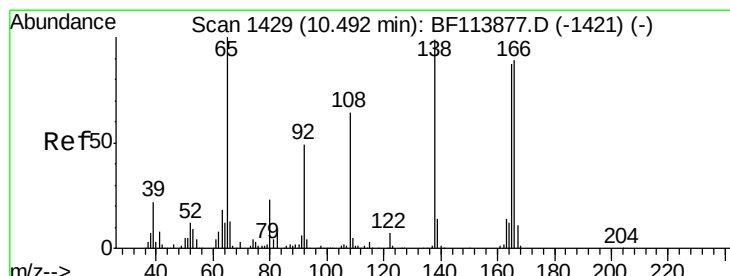
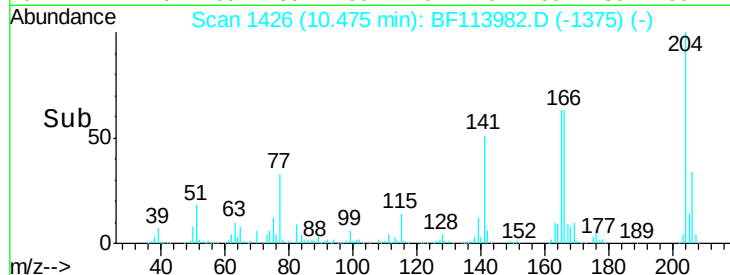
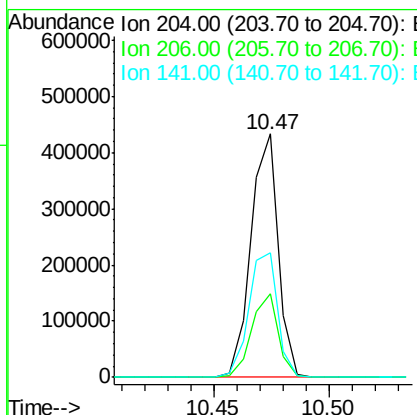
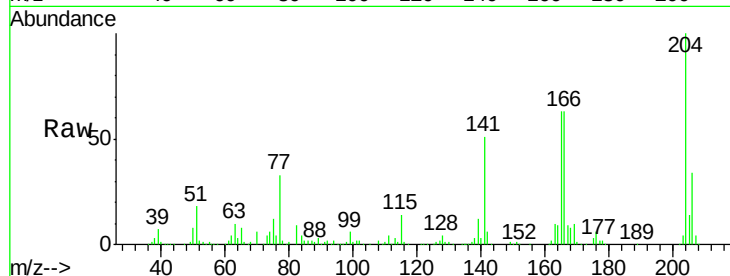




#61
 4-Chlorophenyl-phenylether
 Concen: 48.304 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

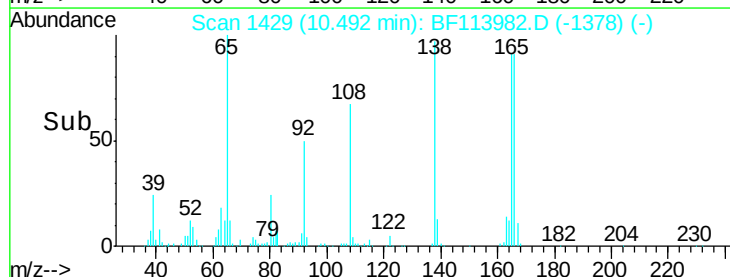
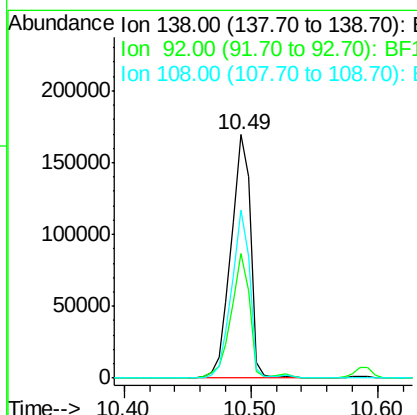
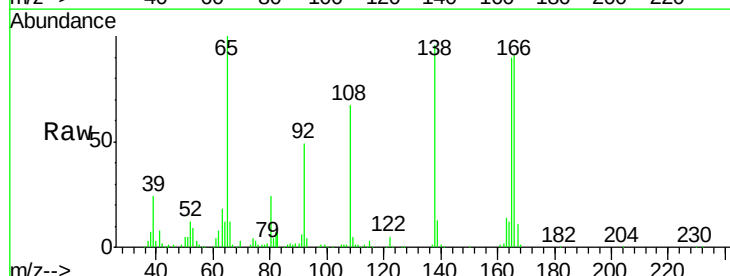
Instrument :
 BNA_F
 ClientSampleId :

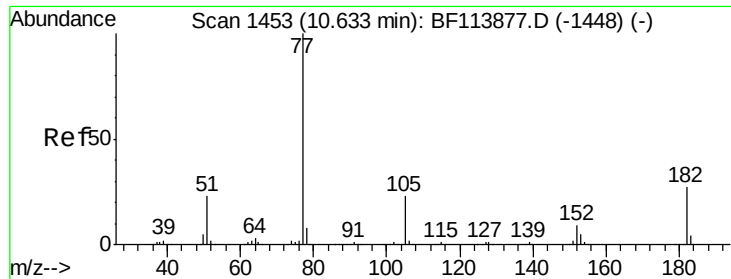
Tot Ion:	204	Resp:	358009
Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.4	41.2
141	50.9	42.6	63.8



#62
 4-Nitroaniline
 Concen: 52.630 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Tgt Ion:	138	Resp:	180794
Ion	Ratio	Lower	Upper
138	100		
92	51.2	31.3	71.3
108	69.1	48.9	88.9

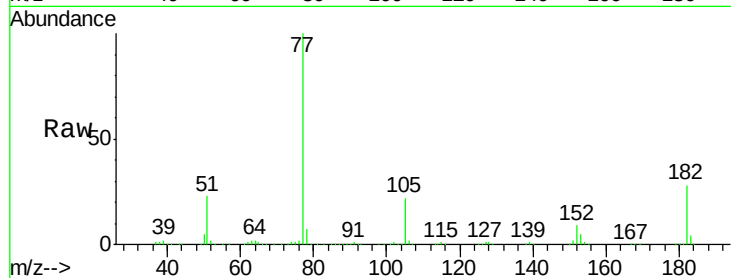




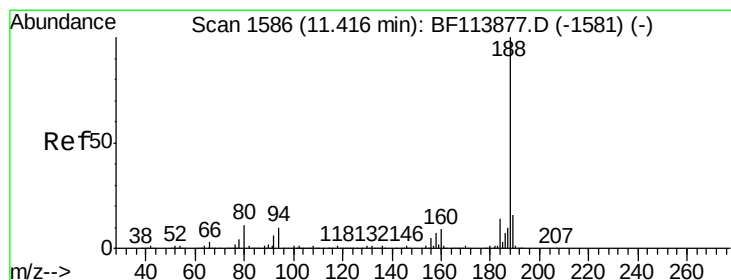
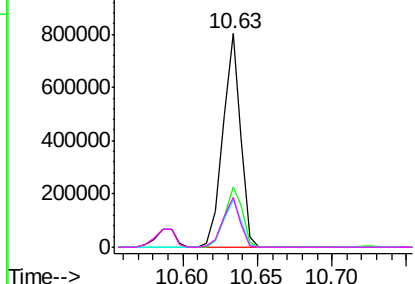
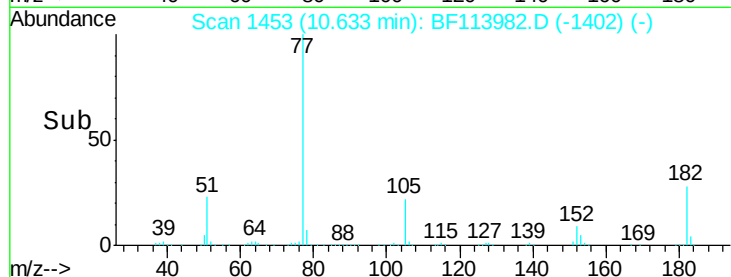
#63
Azobenzene
Concen: 46.800 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	672558
Ion	Ratio	Lower	Upper
77	100		
182	28.1	4.4	44.4
105	22.5	2.2	42.2
51	23.2	3.9	43.9

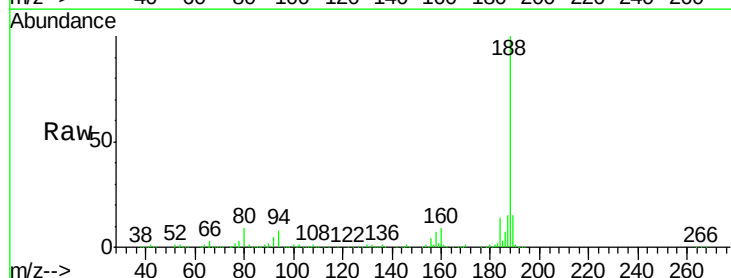


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

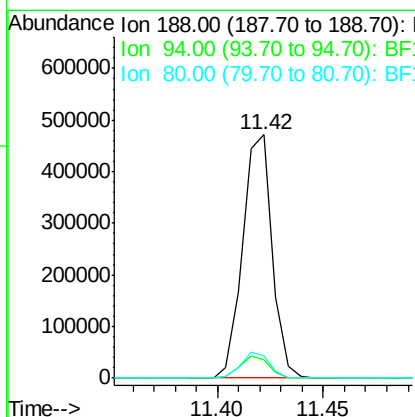
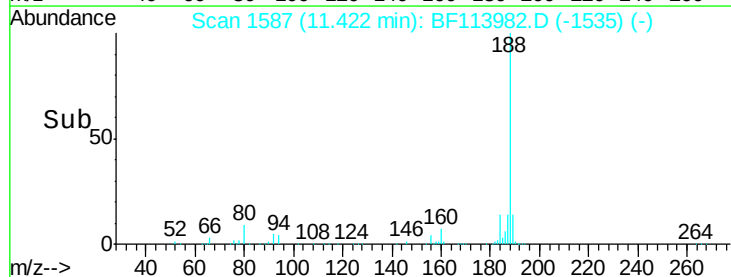


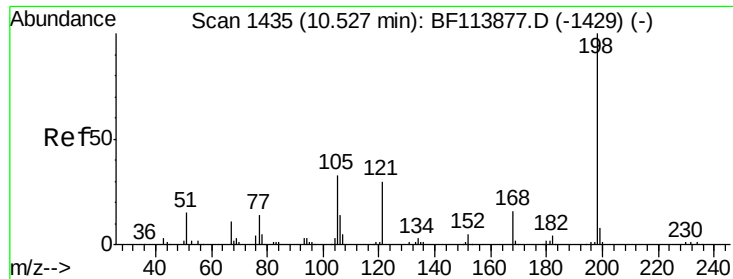
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion:	188	Resp:	455951
Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.2	12.4#
80	9.0	9.0	13.6#



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





#65

4,6-Dinitro-2-methylphenol

Concen: 51.040 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

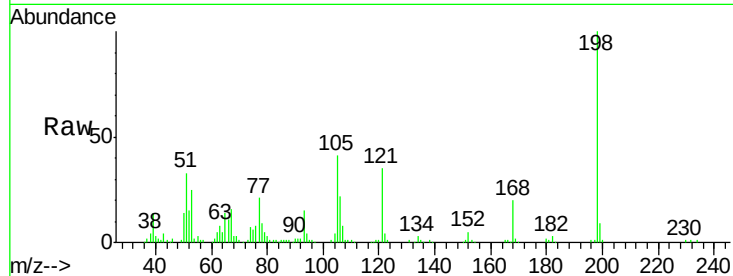
Tot Ion:198 Resp: 107807

Ion Ratio Lower Upper

198 100

51 33.1 11.1 51.1

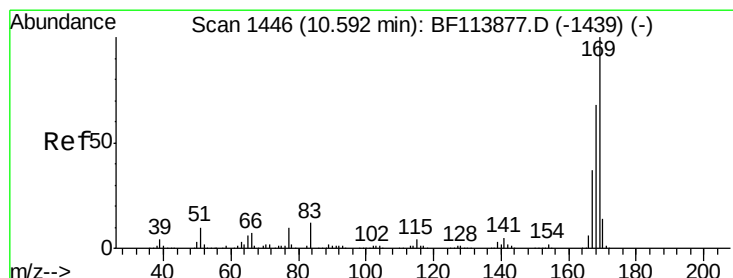
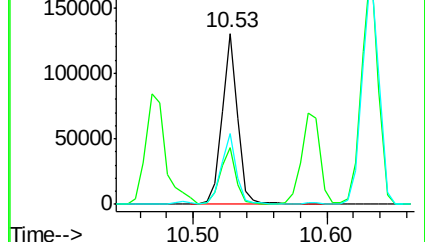
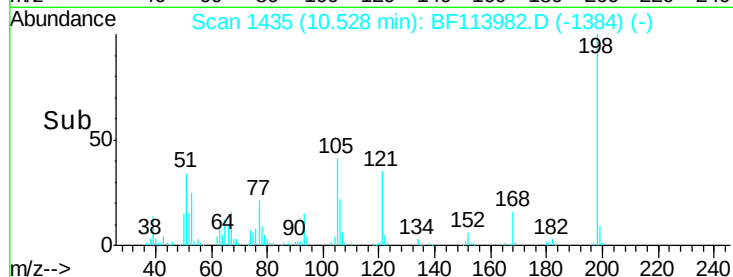
105 41.1 20.7 60.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.577 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

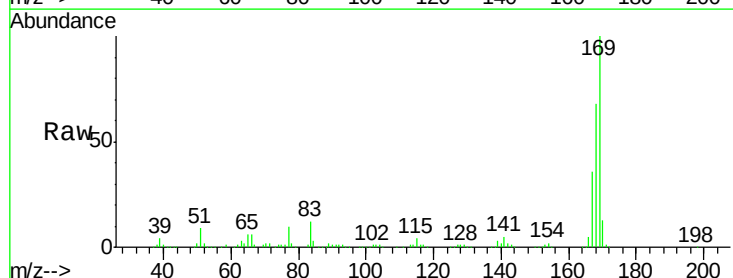
Tgt Ion:169 Resp: 623539

Ion Ratio Lower Upper

169 100

168 67.6 54.3 81.5

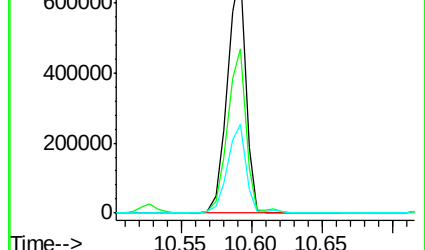
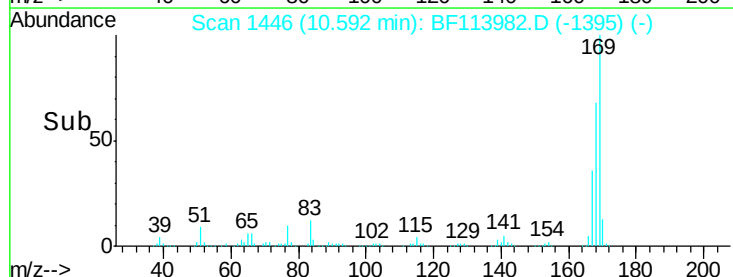
167 36.5 29.4 44.0

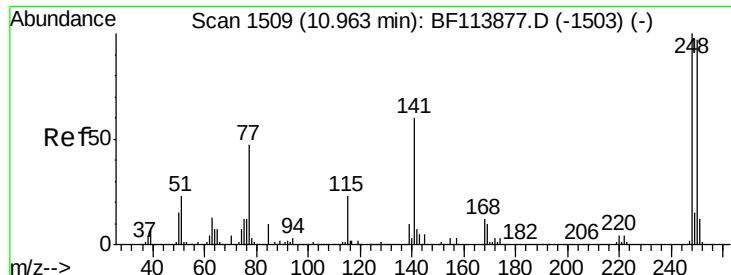


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

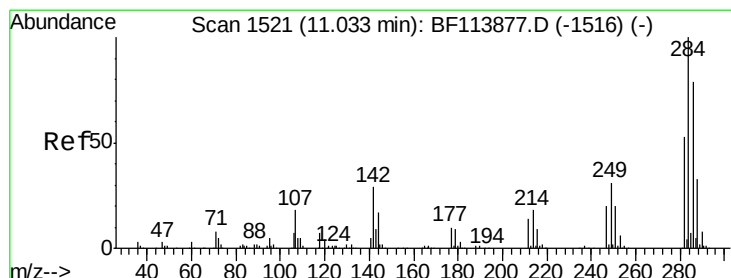
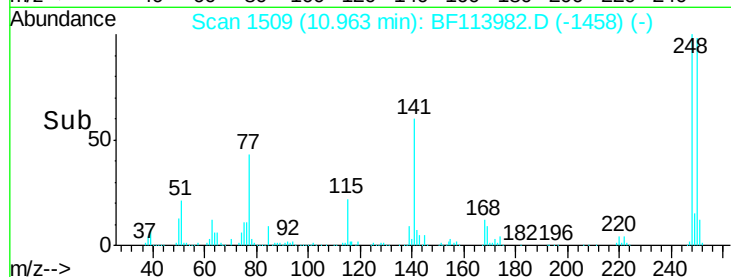
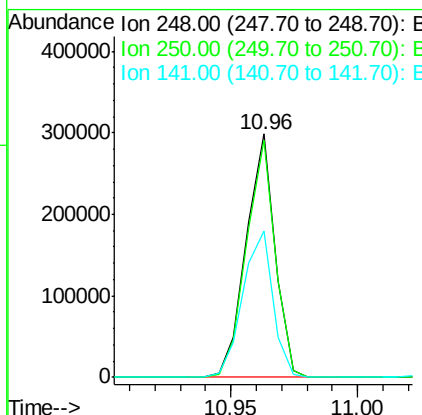
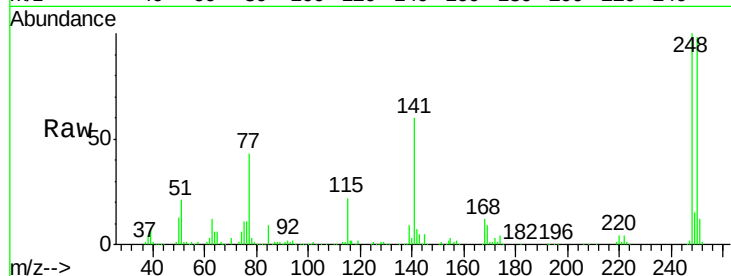




#67
4-Bromophenyl-phenylether
Concen: 42.971 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

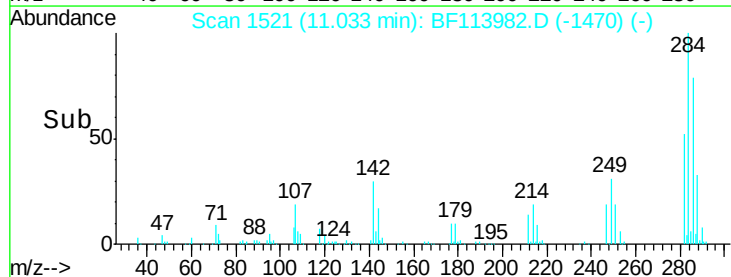
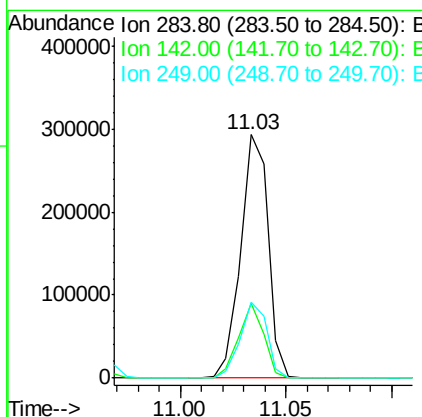
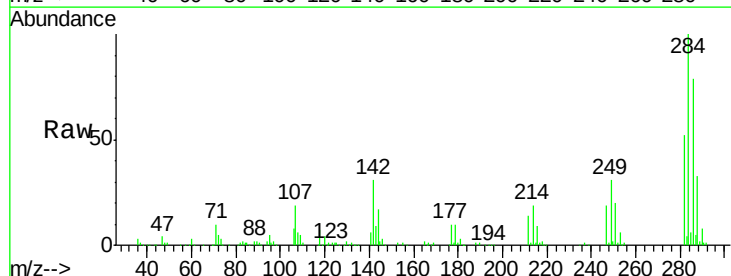
Instrument :
BNA_F
ClientSampleId :

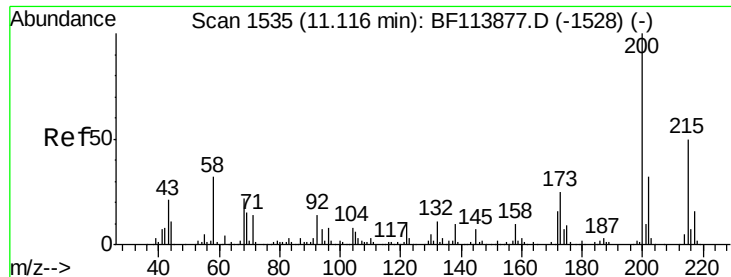
Tot Ion:248 Resp: 236685
Ion Ratio Lower Upper
248 100
250 97.5 75.8 113.6
141 59.9 50.2 75.4



#68
Hexachlorobenzene
Concen: 43.679 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion:284 Resp: 264383
Ion Ratio Lower Upper
284 100
142 30.7 23.0 34.4
249 31.2 24.4 36.6





#69

Atrazine

Concen: 49.801 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

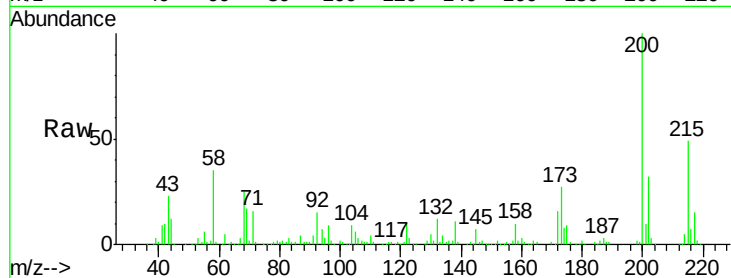
Tot Ion:200 Resp: 221638

Ion Ratio Lower Upper

200 100

173 26.7 5.9 45.9

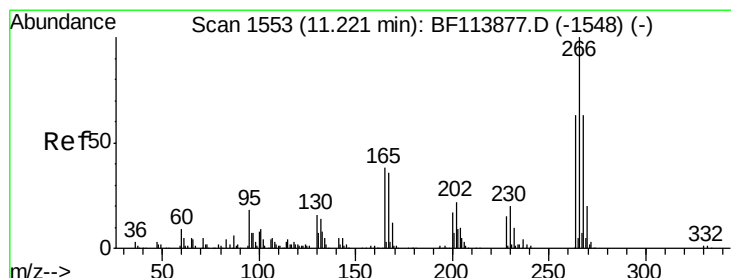
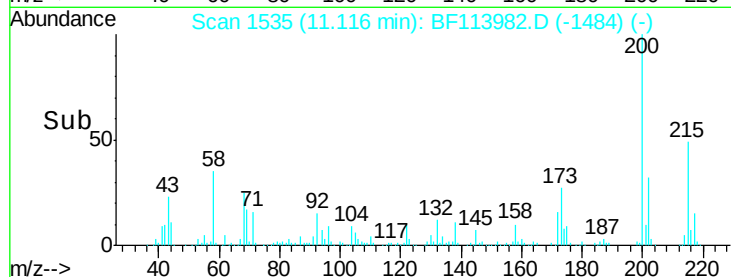
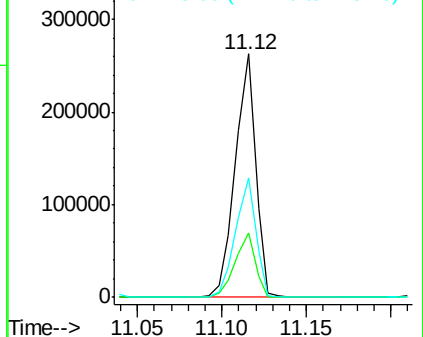
215 49.2 29.3 69.3



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: 93.125 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

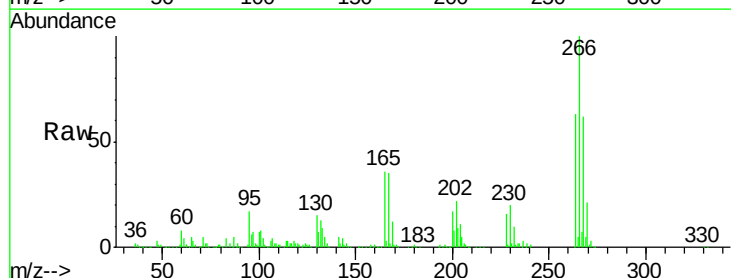
Tgt Ion:266 Resp: 319142

Ion Ratio Lower Upper

266 100

268 62.5 53.5 80.3

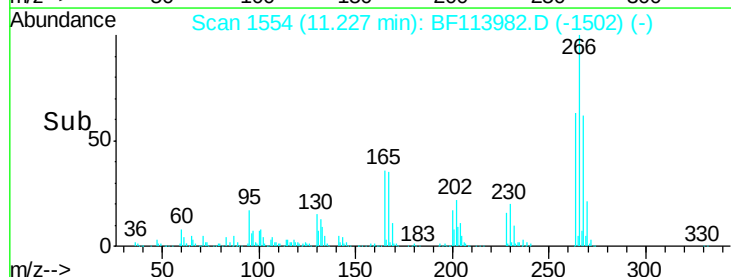
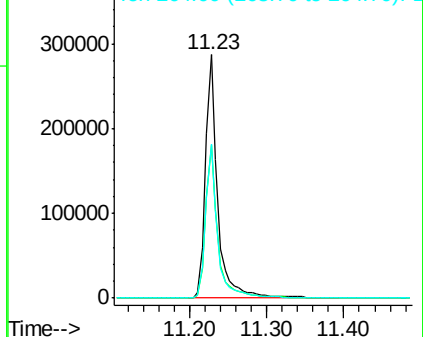
264 63.3 51.0 76.6

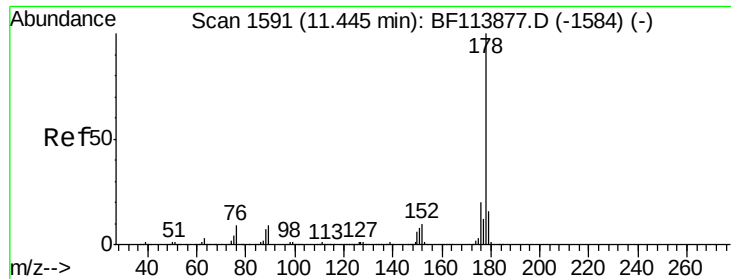


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 51.123 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

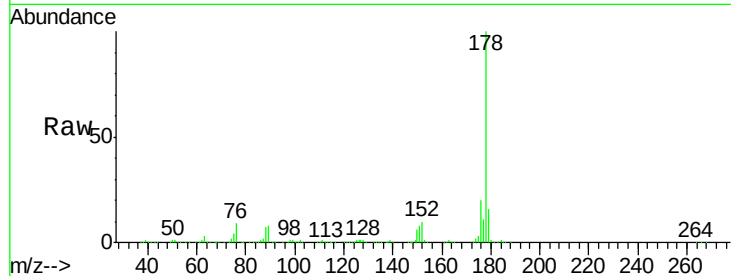
Tot Ion:178 Resp: 1171443

Ion Ratio Lower Upper

178 100

176 19.9 16.1 24.1

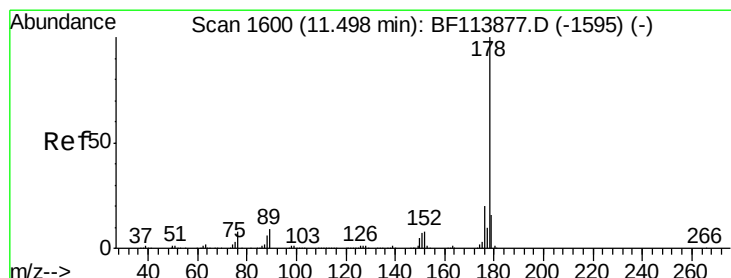
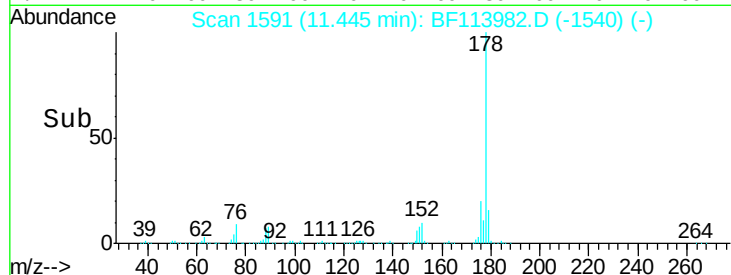
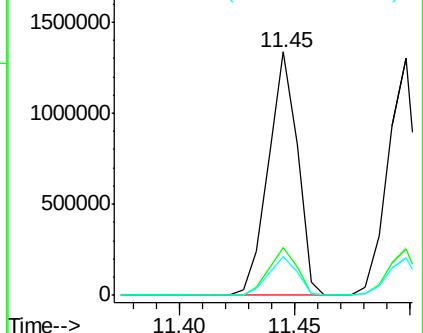
179 15.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.068 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

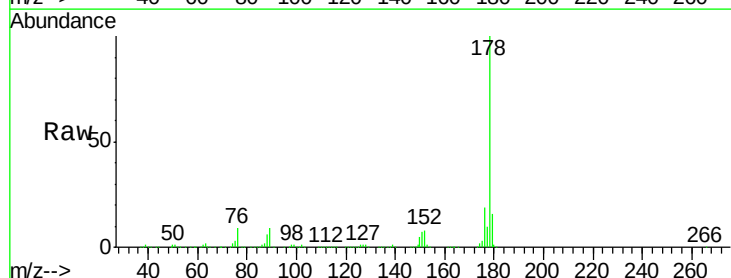
Tgt Ion:178 Resp: 1112278

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

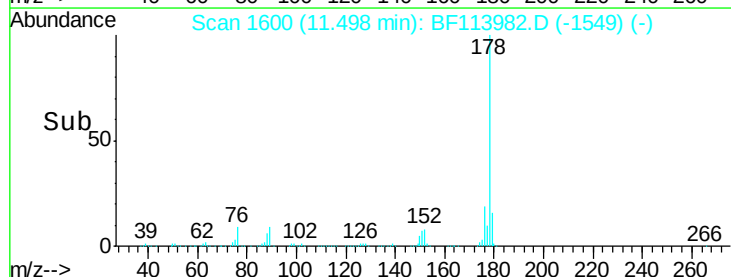
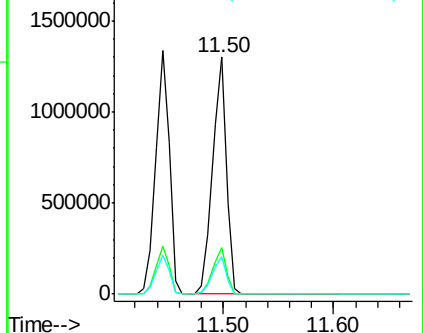
179 16.0 13.0 19.4

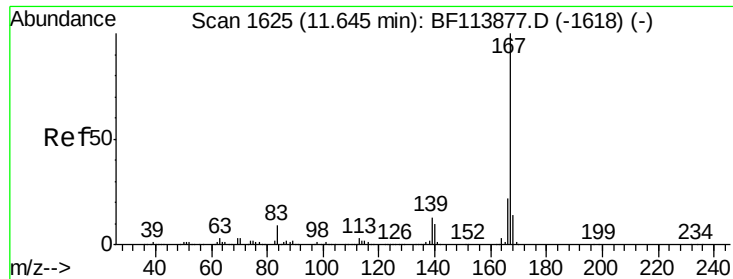


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



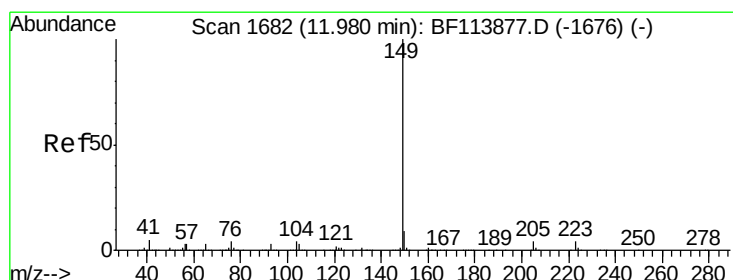
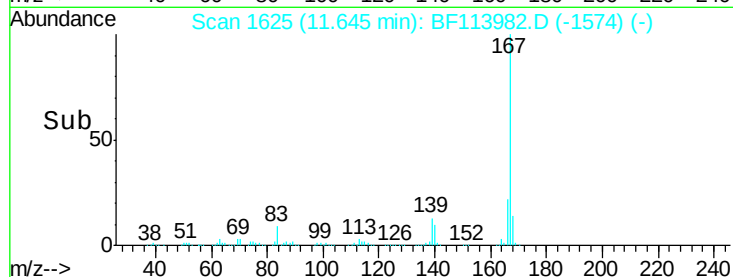
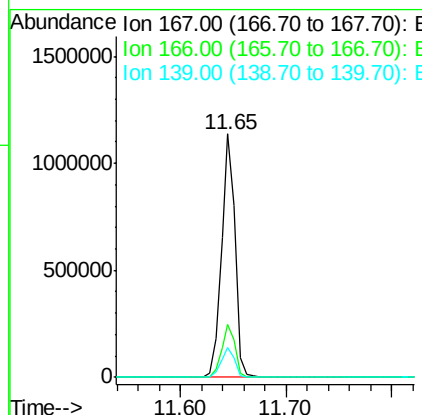
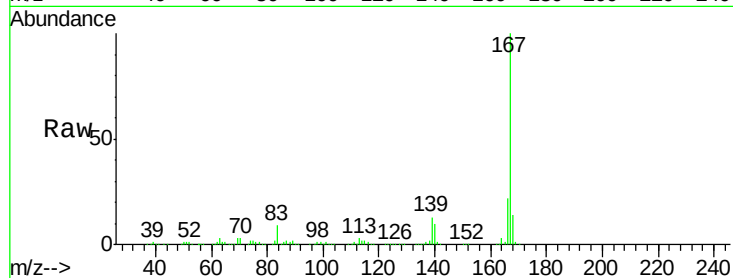


#73
 Carbazole
 Concen: 50.091 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1034070

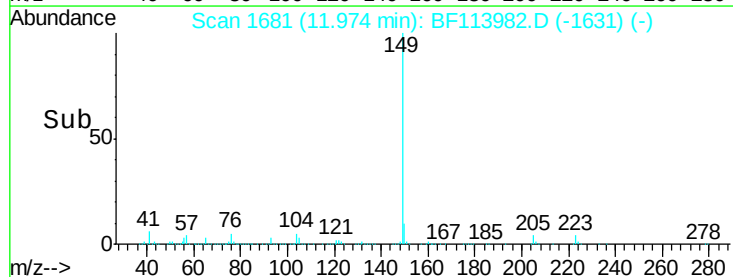
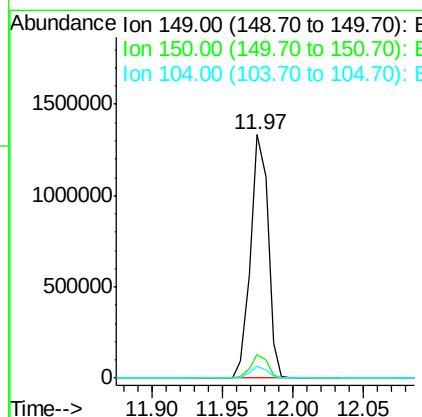
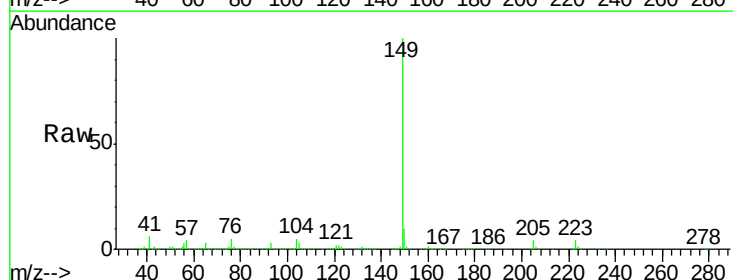
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	12.5	10.0	15.0

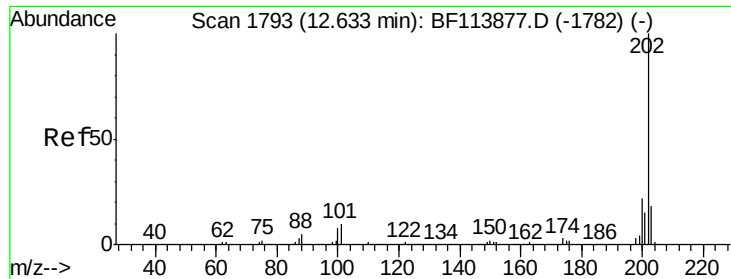


#74
 Di-n-butylphthalate
 Concen: 48.101 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Tgt Ion:149 Resp: 1168077

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.8
104	4.7	3.8	5.8





#75

Fluoranthene

Concen: 52.330 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

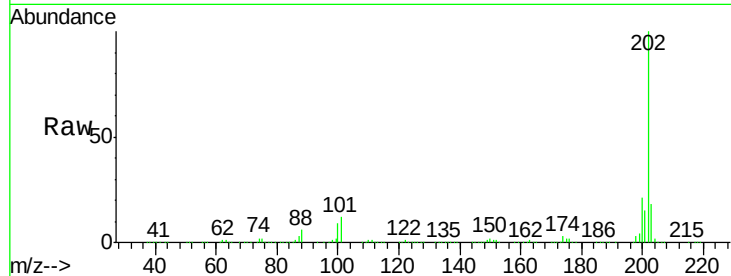
Tot Ion:202 Resp: 1308253

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.9

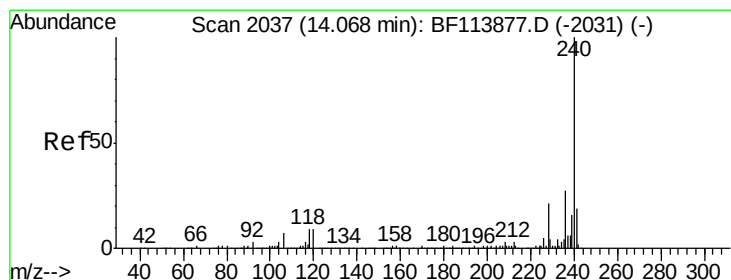
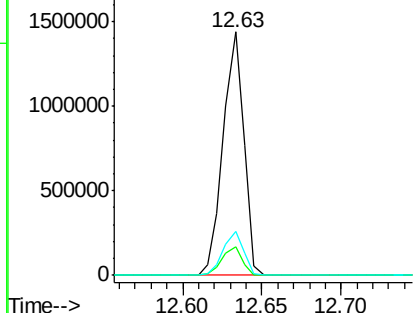
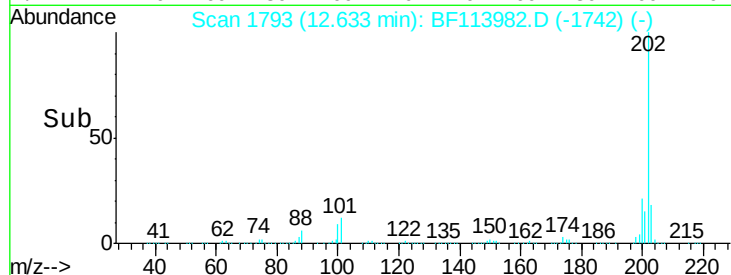
203 18.0 0.0 38.2



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: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

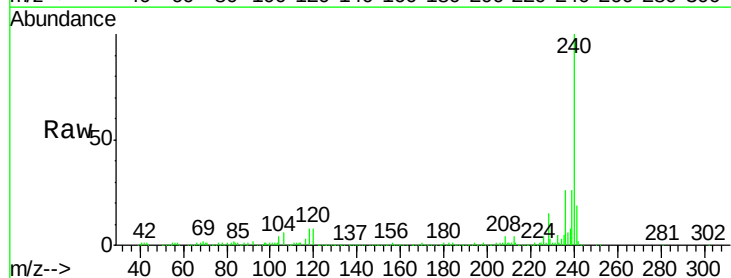
Tgt Ion:240 Resp: 409843

Ion Ratio Lower Upper

240 100

120 8.4 9.3 13.9#

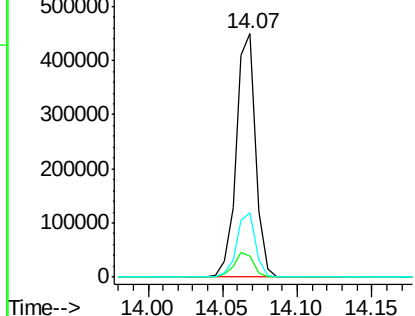
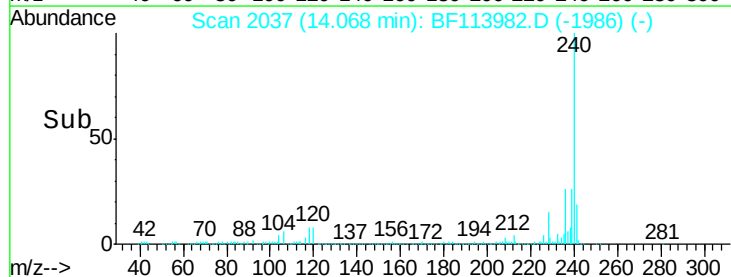
236 26.2 21.2 31.8

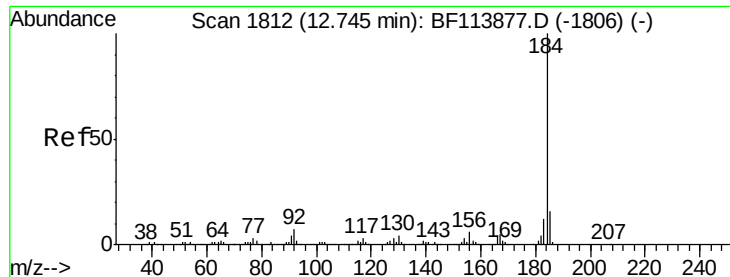


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.289 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

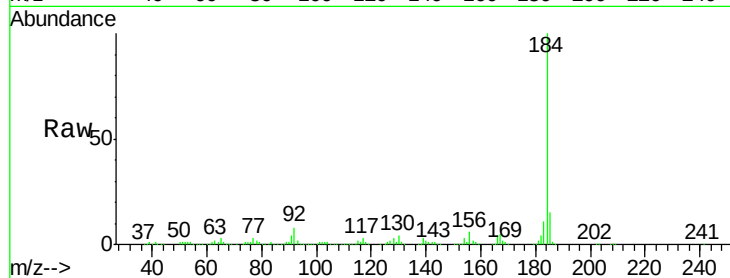
Tot Ion:184 Resp: 455354

Ion Ratio Lower Upper

184 100

185 14.6 13.0 19.6

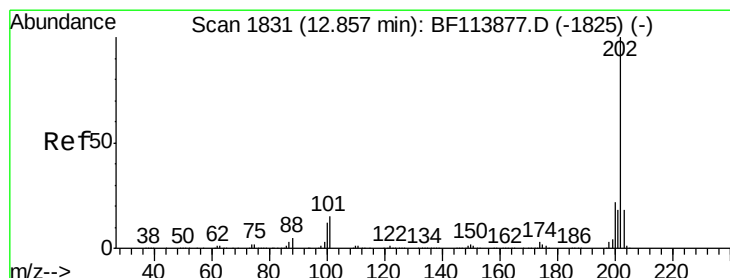
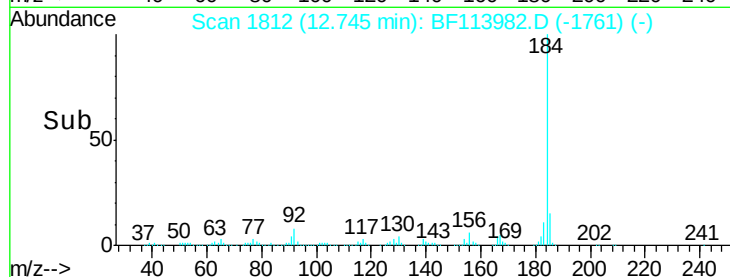
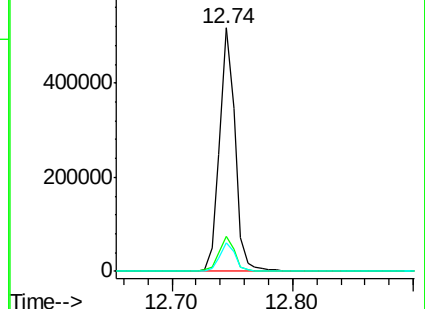
183 11.5 9.4 14.0



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: 45.607 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

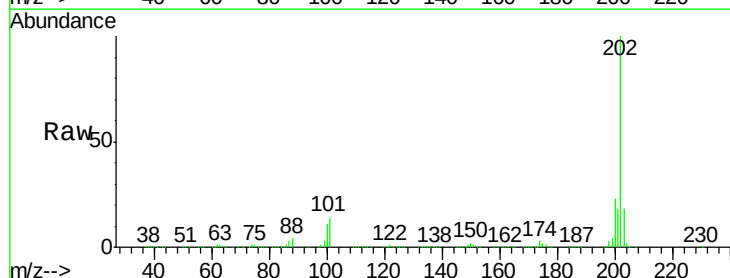
Tgt Ion:202 Resp: 1307152

Ion Ratio Lower Upper

202 100

200 22.5 17.7 26.5

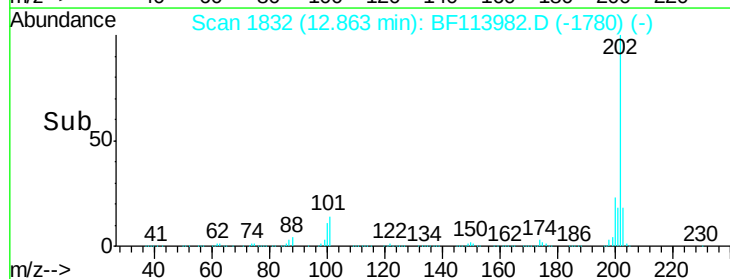
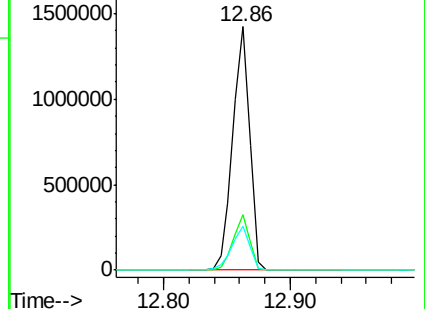
203 18.2 15.0 22.6

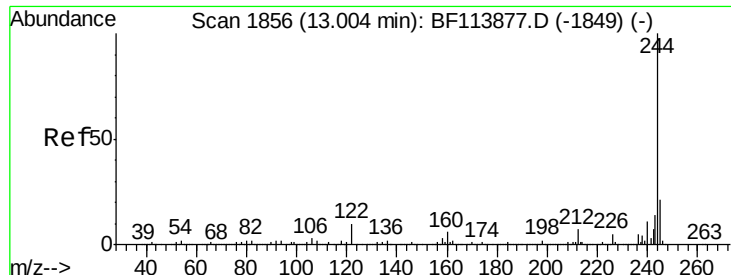


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.914 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

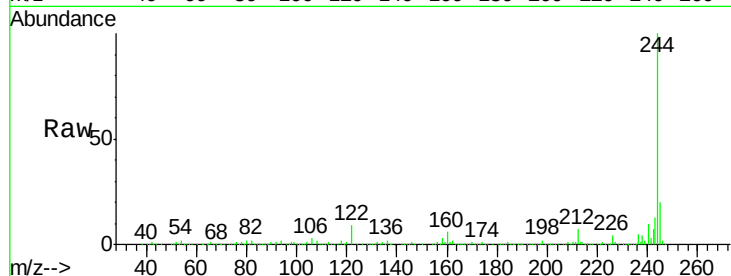
Tot Ion:244 Resp: 1617560

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	9.3	7.6	11.4

244 100

212 6.9 5.4 8.2

122 9.3 7.6 11.4



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

13.00

1500000

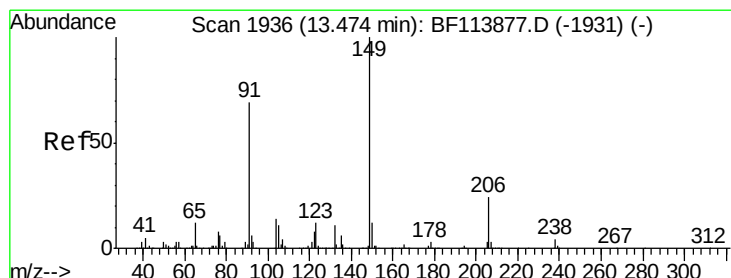
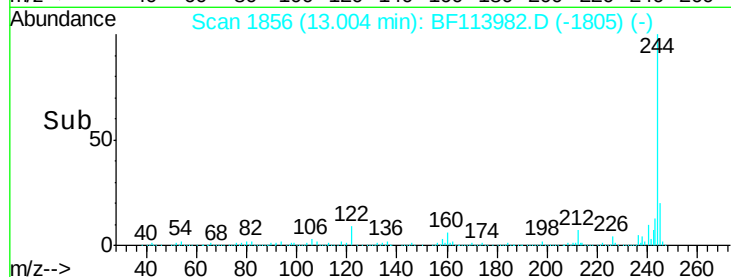
1000000

500000

0

Time-->

12.95 13.00 13.05



#80

Butylbenzylphthalate

Concen: 47.596 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

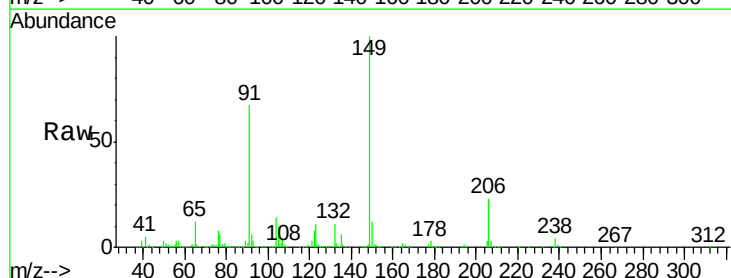
Tgt Ion:149 Resp: 536717

Ion	Ratio	Lower	Upper
149	100		
91	67.3	56.3	84.5
206	22.9	19.0	28.6

149 100

91 67.3 56.3 84.5

206 22.9 19.0 28.6



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

13.47

800000

600000

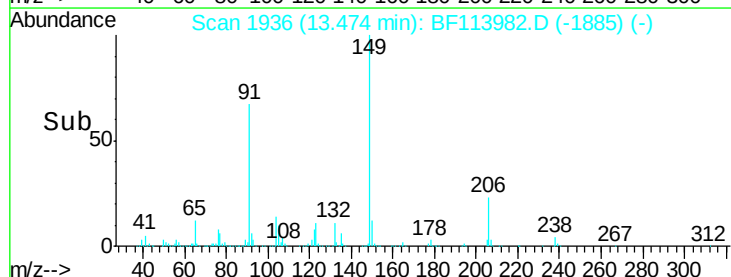
400000

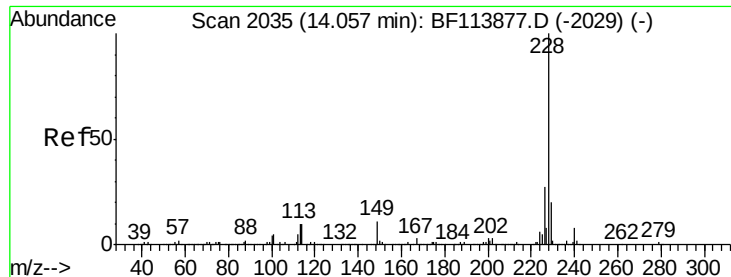
200000

0

Time-->

13.40 13.45 13.50





#81

Benzo(a)anthracene

Concen: 49.137 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

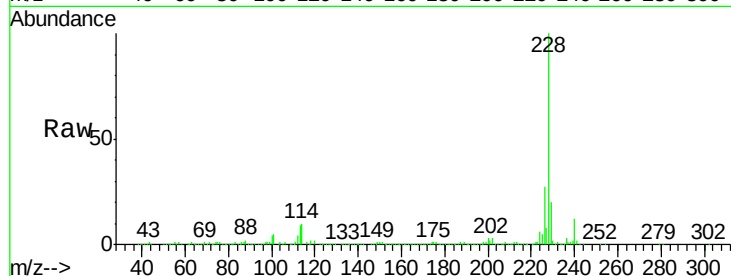
Tot Ion:228 Resp: 1186523

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.2

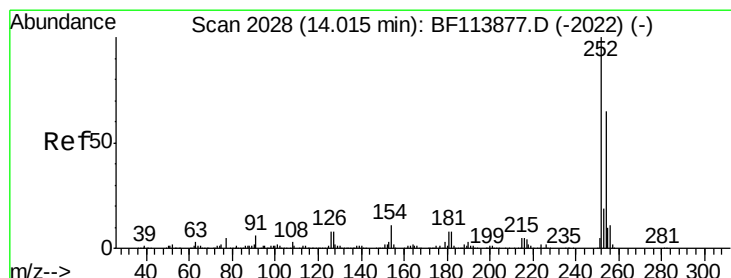
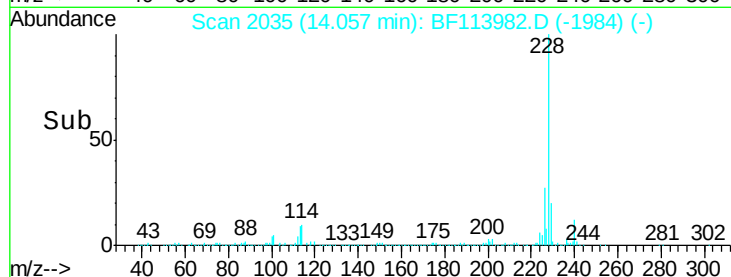
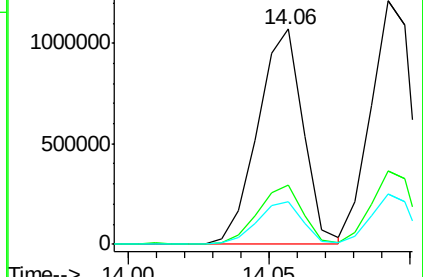
229 20.1 16.0 24.0



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: 35.737 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

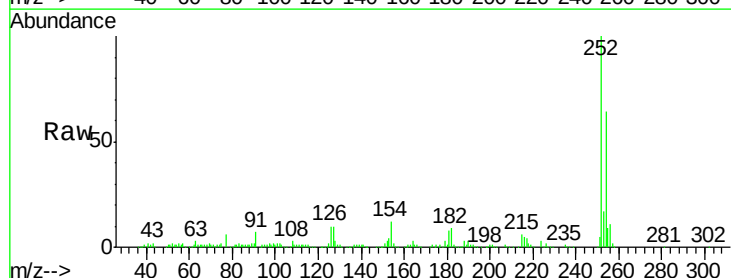
Tgt Ion:252 Resp: 316298

Ion Ratio Lower Upper

252 100

254 63.9 52.1 78.1

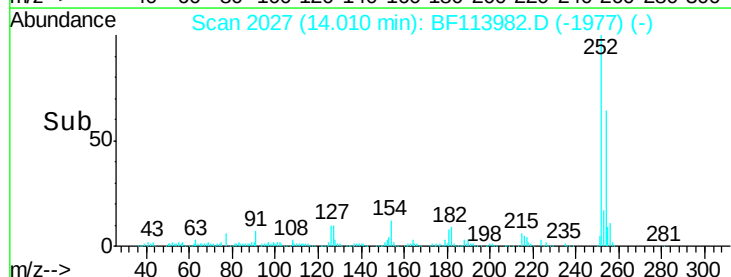
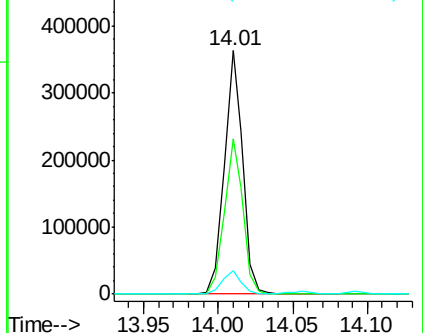
126 9.9 9.3 13.9

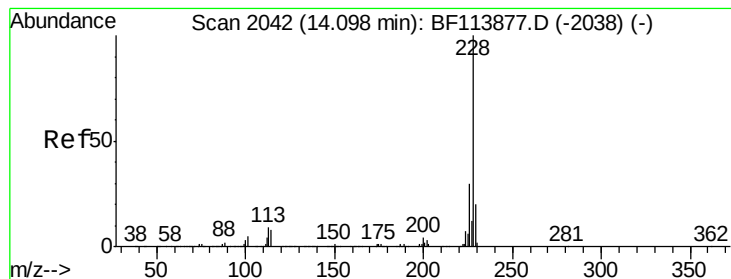


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.306 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

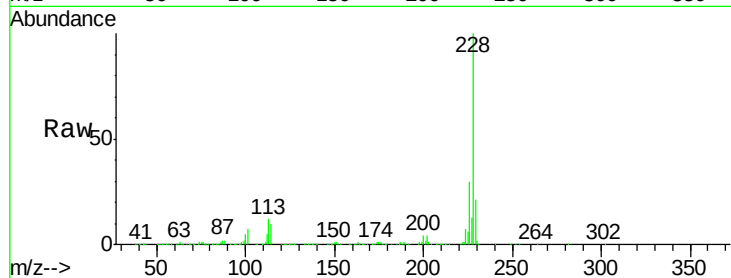
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1183050

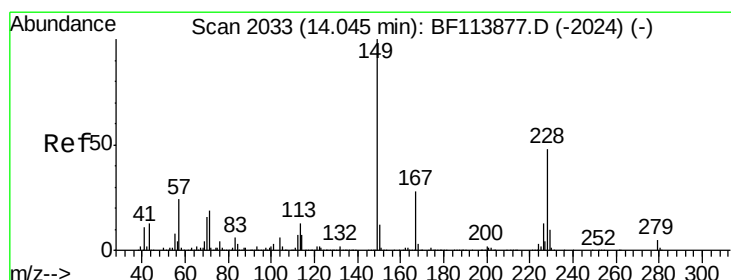
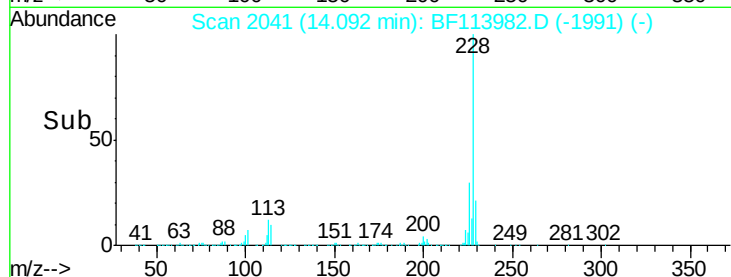
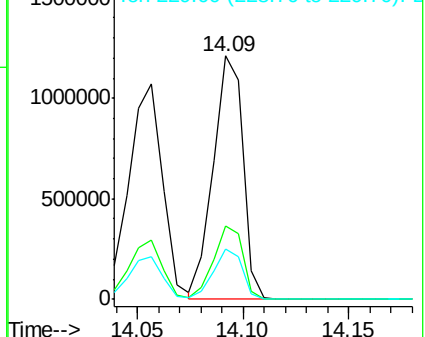
Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.2	37.8
229	20.6	16.7	25.1



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: 51.181 ng

RT: 14.04 min Scan# 2032

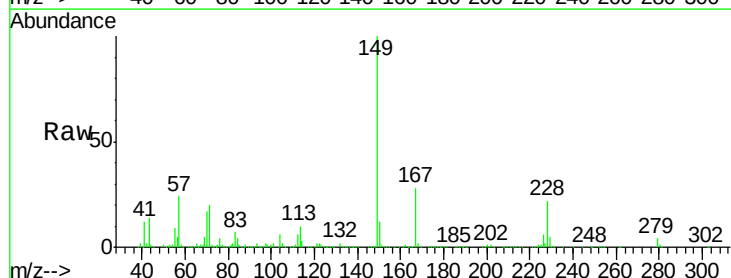
Delta R.T. -0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Tgt Ion:149 Resp: 734316

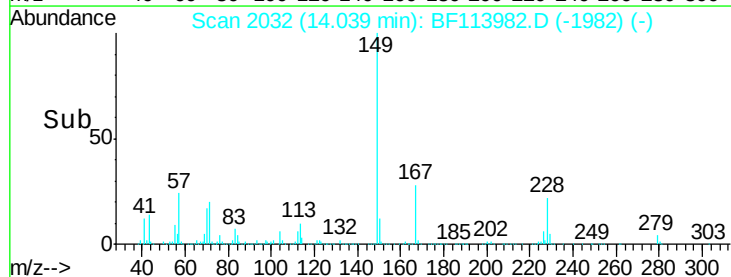
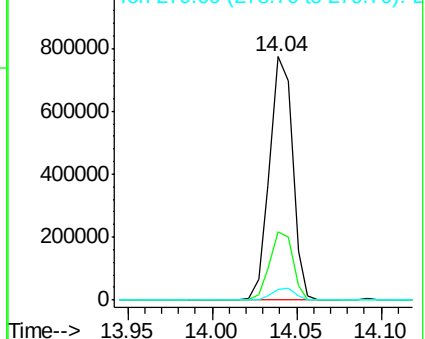
Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.9	34.3
279	4.2	4.2	6.2

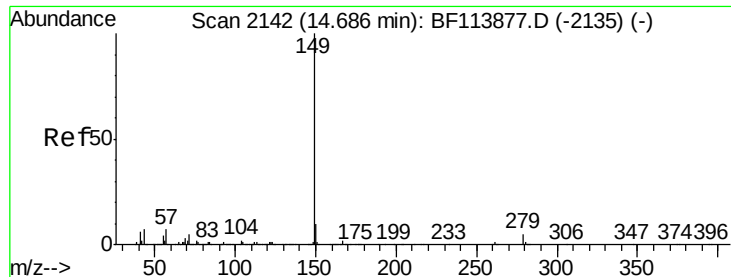


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 57.000 ng

RT: 14.67 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

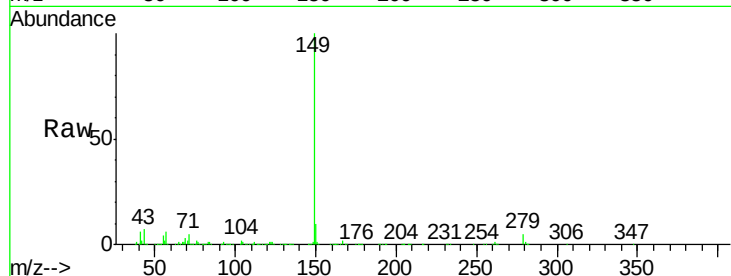
Tot Ion:149 Resp: 1280048

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

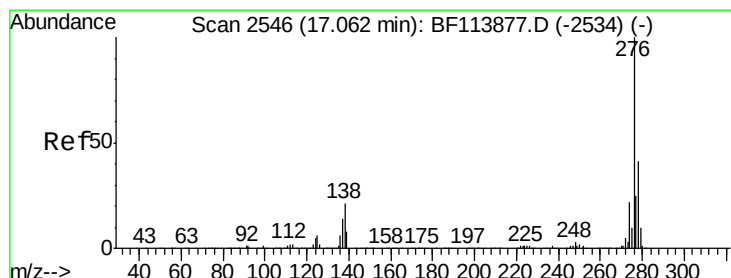
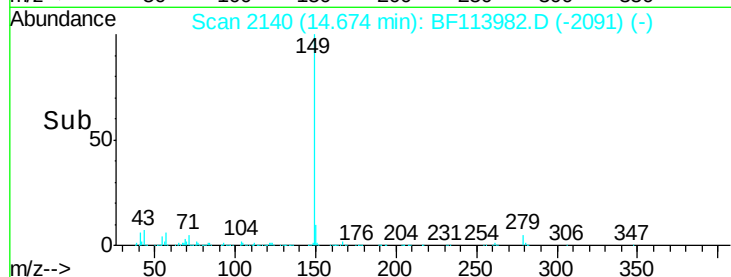
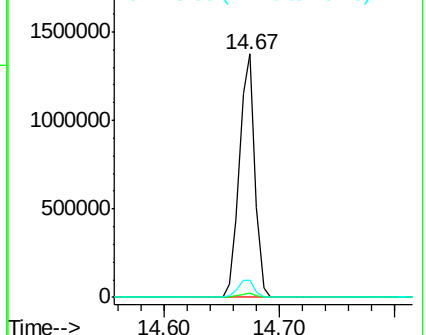
43 7.6 6.6 10.0



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: 52.168 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

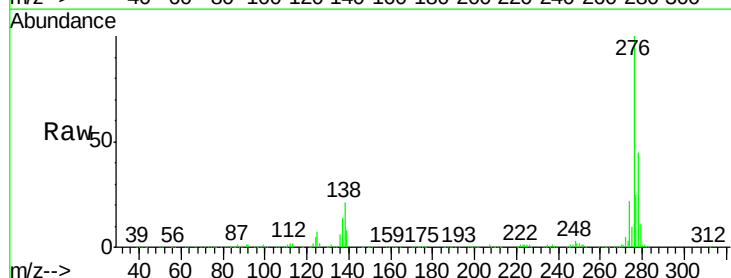
Tgt Ion:276 Resp: 1162100

Ion Ratio Lower Upper

276 100

138 22.8 19.6 29.4

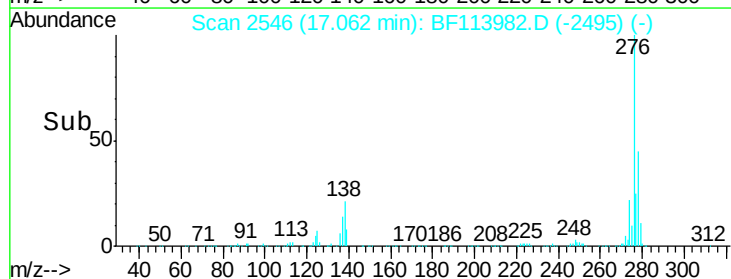
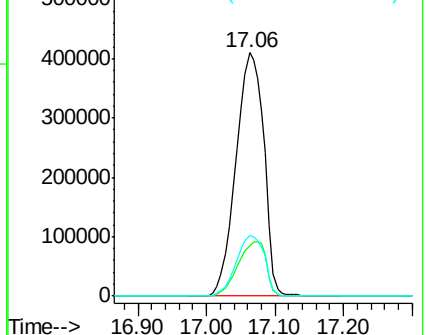
277 25.4 20.2 30.4

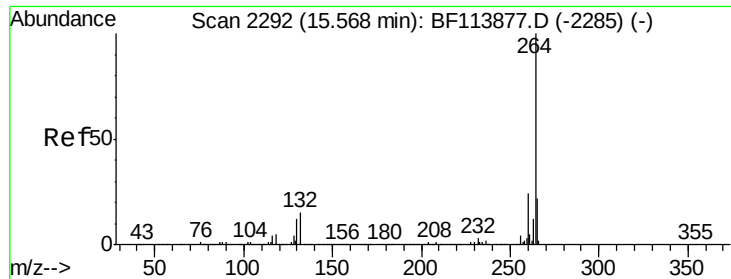


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

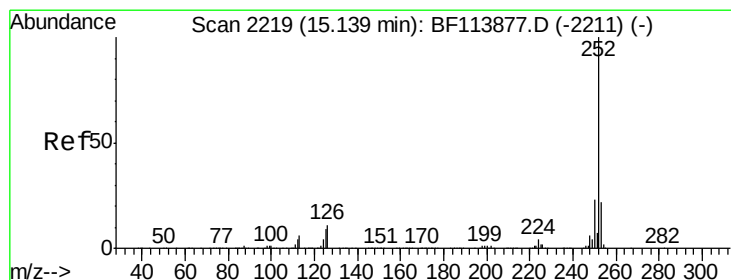
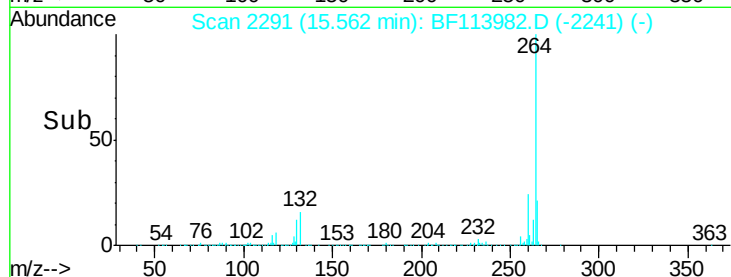
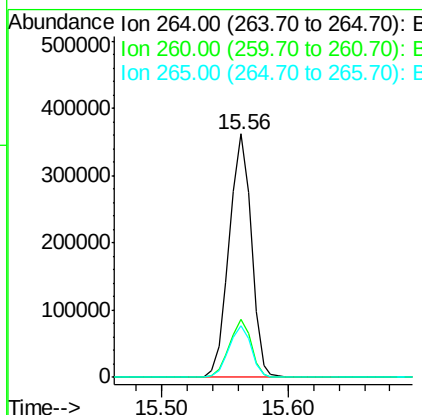
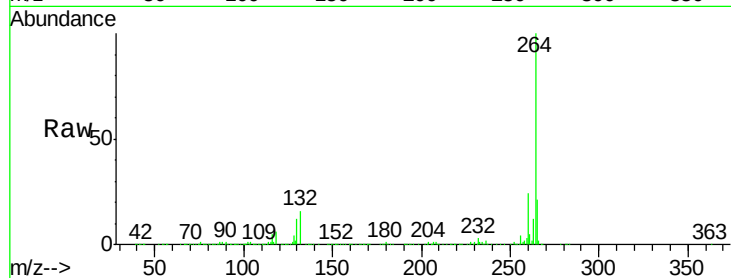




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

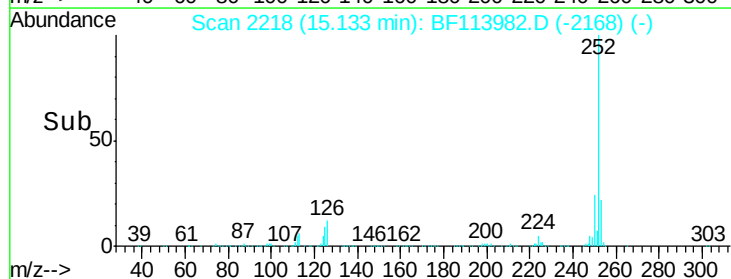
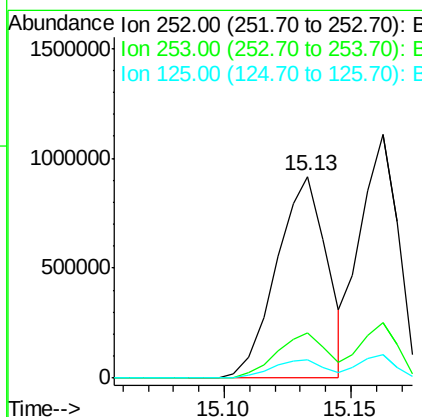
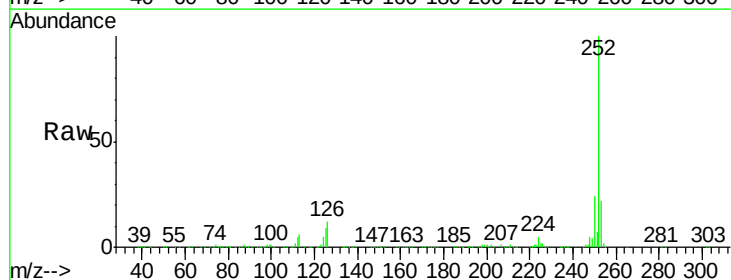
Instrument :
BNA_F
ClientSampled :

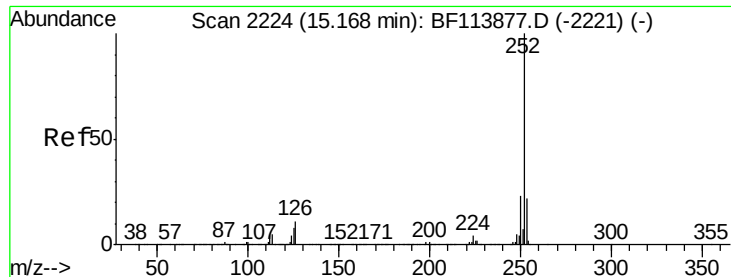
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.4	17.3	25.9



#88
Benzo(b)fluoranthene
Concen: 45.842 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.4	7.0	10.6

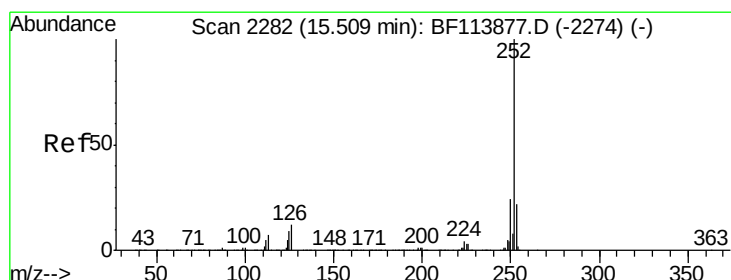
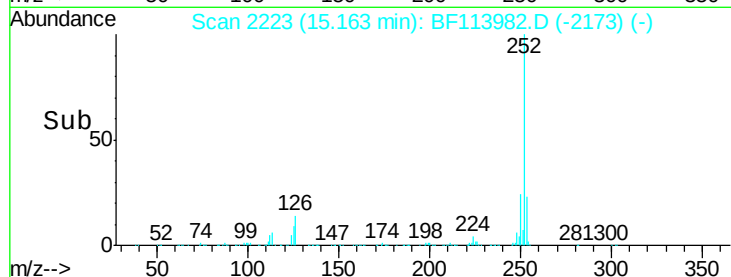
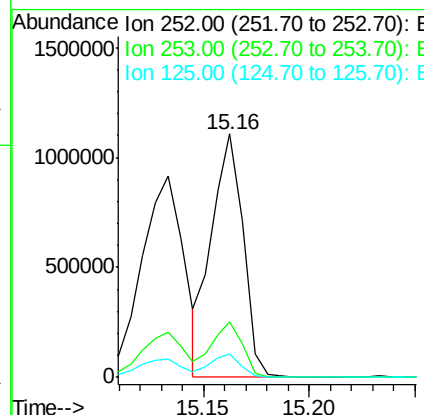
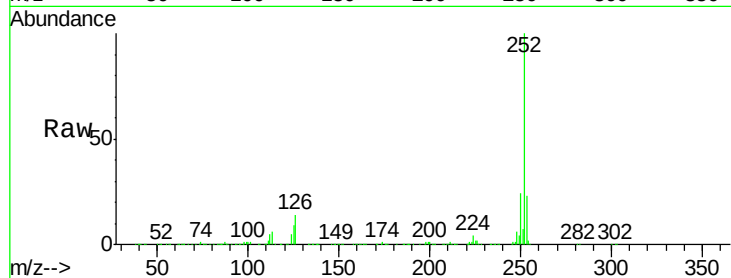




#89
Benzo(k)fluoranthene
Concen: 48.398 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

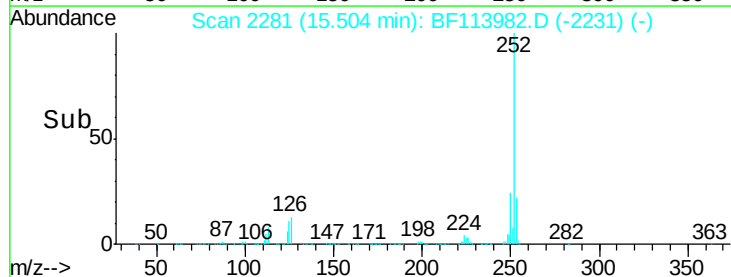
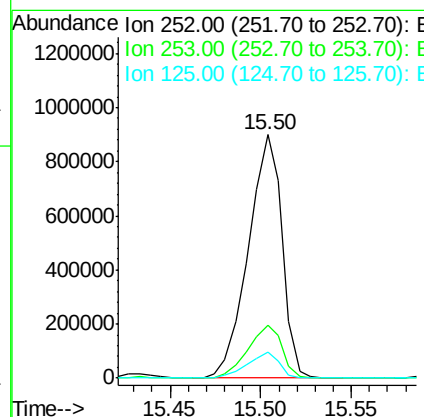
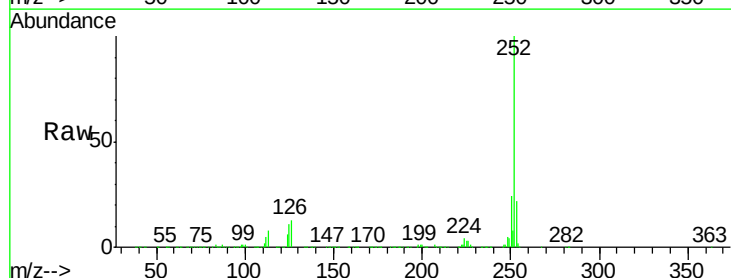
Instrument :
BNA_F
ClientSampleId :

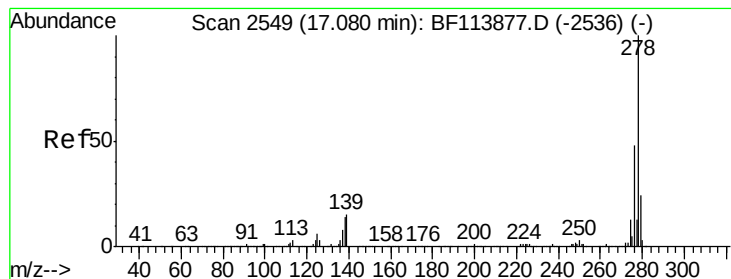
Tot Ion:252 Resp: 1151542
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 9.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 48.589 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion:252 Resp: 1162505
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.6 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 43.372 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

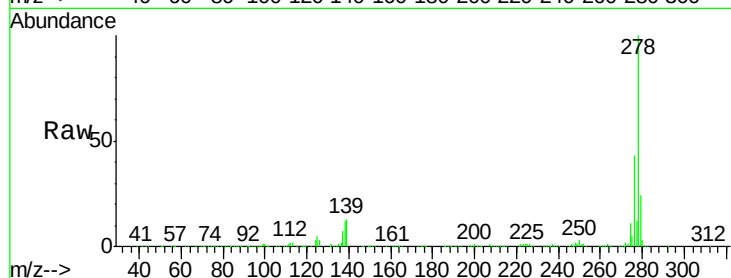
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 974091

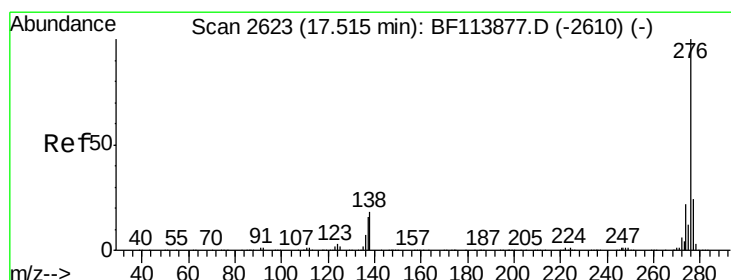
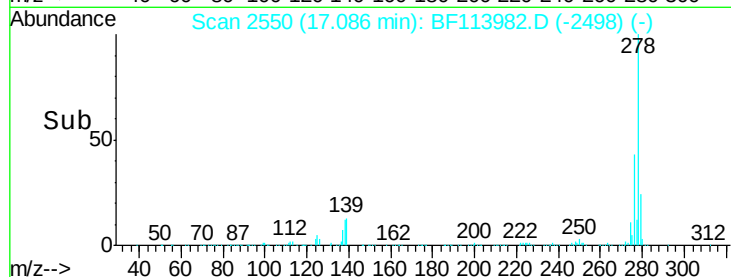
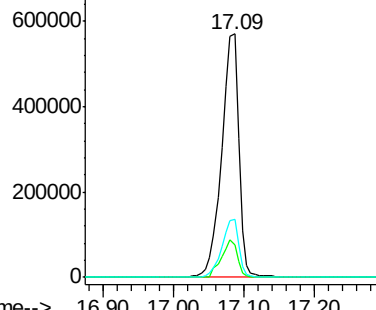
Ion	Ratio	Lower	Upper
278	100		
139	13.1	11.6	17.4
279	23.8	19.0	28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.731 ng

RT: 17.52 min Scan# 2623

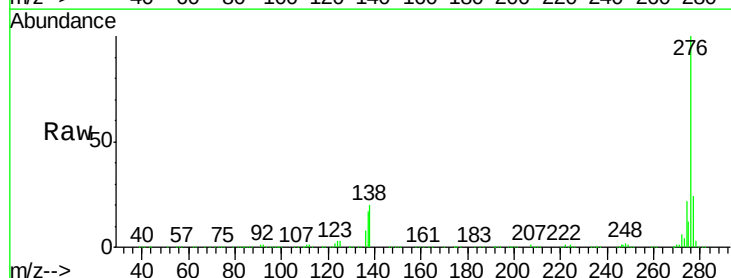
Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Tgt Ion:276 Resp: 945828

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	20.2	16.6	25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

