

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
 Data File : BF113976.D
 Acq On : 25 Apr 2019 14:46
 Operator : JU/SJ
 Sample : PB119163BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 25 23:15:10 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	131714	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	530937	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	287230	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	597167	20.00	ng	0.00
76) Chrysene-d12	14.07	240	576342	20.00	ng	0.00
87) Perylene-d12	15.56	264	489383	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	987271	128.20	ng	0.01
7) Phenol-d6	6.53	99	1233674	127.69	ng	0.01
23) Nitrobenzene-d5	7.46	82	800534	93.10	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	460586	131.63	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1562909	85.10	ng	0.00
79) Terphenyl-d14	13.00	244	2120953	75.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	112735	31.055	ng	96
3) Pyridine	3.48	79	275420	27.796	ng	96
4) n-Nitrosodimethylamine	3.42	42	124737	36.775	ng	93
6) Aniline	6.56	93	418954	31.578	ng	96
8) 2-Chlorophenol	6.69	128	363346	41.326	ng	99
9) Benzaldehyde	6.44	77	77483	9.560	ng	94
10) Phenol	6.55	94	453588	39.260	ng	95
11) bis(2-Chloroethyl)ether	6.63	93	352690	40.567	ng	96
12) 1,3-Dichlorobenzene	6.84	146	384509	38.614	ng	99
13) 1,4-Dichlorobenzene	6.92	146	393178	39.256	ng	99
14) 1,2-Dichlorobenzene	7.07	146	372868	40.509	ng	99
15) Benzyl Alcohol	7.04	79	276562	42.501	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	401903	39.601	ng	88
17) 2-Methylphenol	7.15	107	338753	43.954	ng	98
18) Hexachloroethane	7.41	117	137993	39.304	ng	94
19) n-Nitroso-di-n-propylamine	7.31	70	253579	40.528	ng	99
20) 3+4-Methylphenols	7.30	107	372618	42.793	ng	# 79
22) Acetophenone	7.30	105	505864	42.815	ng	# 94
24) Nitrobenzene	7.47	77	402534	42.365	ng	99
25) Isophorone	7.72	82	720470	40.948	ng	99
26) 2-Nitrophenol	7.79	139	202618	46.744	ng	97
27) 2,4-Dimethylphenol	7.83	122	332240	47.044	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	448649	40.016	ng	99
29) 2,4-Dichlorophenol	8.04	162	340601	42.175	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	372292	41.344	ng	99
31) Naphthalene	8.20	128	1059955	42.024	ng	99
32) Benzoic acid	7.95	122	170191	35.685	ng	99
33) 4-Chloroaniline	8.25	127	334883	31.378	ng	96
34) Hexachlorobutadiene	8.32	225	222888	39.706	ng	98
35) Caprolactam	8.62	113	70392	27.400	ng	92
36) 4-Chloro-3-methylphenol	8.73	107	338400	42.294	ng	99
37) 2-Methylnaphthalene	8.89	142	725112	42.632	ng	99
38) 1-Methylnaphthalene	8.99	142	686799	41.837	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	376646	40.369	ng	99

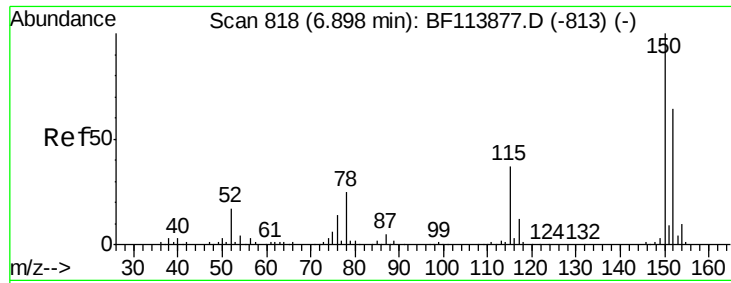
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	380476	73.128	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	252426	42.606	nq	100
44) 2,4,5-Trichlorophenol	9.22	196	284739	42.848	nq	99
46) 1,1'-Biphenyl	9.36	154	911226	41.528	nq	98
47) 2-Chloronaphthalene	9.38	162	734021	41.136	nq	97
48) 2-Nitroaniline	9.47	65	211001	45.108	nq	88
49) Acenaphthylene	9.80	152	1131324	40.499	nq	99
50) Dimethylphthalate	9.66	163	874626	42.104	nq	99
51) 2,6-Dinitrotoluene	9.72	165	201042	45.111	nq	95
52) Acenaphthene	9.97	154	748997	45.369	nq	98
53) 3-Nitroaniline	9.88	138	165076	35.250	nq	96
54) 2,4-Dinitrophenol	9.99	184	183446	93.566	nq	# 3
55) Dibenzofuran	10.15	168	1032869	41.767	nq	99
56) 4-Nitrophenol	10.05	139	341498	92.099	nq	98
57) 2,4-Dinitrotoluene	10.12	165	272008	48.356	nq	97
58) Fluorene	10.49	166	784897	42.158	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	258552	44.274	nq	99
60) Diethylphthalate	10.36	149	836535	42.407	nq	100
61) 4-Chlorophenyl-phenylether	10.47	204	411164	41.700	nq	99
62) 4-Nitroaniline	10.50	138	211739	46.332	nq	98
63) Azobenzene	10.63	77	788791	41.258	nq	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	122350	45.203	nq	92
66) n-Nitrosodiphenylamine	10.59	169	719722	40.167	nq	100
67) 4-Bromophenyl-phenylether	10.96	248	274501	38.051	nq	97
68) Hexachlorobenzene	11.04	284	307954	38.846	nq	97
69) Atrazine	11.12	200	239540	41.096	nq	99
70) Pentachlorophenol	11.23	266	365511	81.434	nq	98
71) Phenanthrene	11.45	178	1231994	41.051	nq	100
72) Anthracene	11.50	178	1284253	42.376	nq	99
73) Carbazole	11.65	167	1167178	43.169	nq	100
74) Di-n-butylphthalate	11.98	149	1367234	42.988	nq	99
75) Fluoranthene	12.63	202	1390488	42.467	nq	99
77) Benzidine	12.74	184	506054	29.469	nq	97
78) Pyrene	12.86	202	1366224	33.898	nq	99
80) Butylbenzylphthalate	13.47	149	625843	39.466	nq	99
81) Benzo(a)anthracene	14.06	228	1337827	39.398	nq	100
82) 3,3'-Dichlorobenzidine	14.01	252	460942	37.035	nq	98
83) Chrysene	14.09	228	1325176	40.071	nq	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	859690	42.610	nq	100
85) Di-n-octyl phthalate	14.67	149	1485213	47.030	nq	98
86) Indeno(1,2,3-cd)pyrene	17.06	276	1391036	44.406	nq	98
88) Benzo(b)fluoranthene	15.13	252	1542442	49.816	nq	99
89) Benzo(k)fluoranthene	15.16	252	1240727	46.585	nq	98
90) Benzo(a)pyrene	15.50	252	1327816	49.580	nq	99
91) Dibenzo(a,h)anthracene	17.08	278	1173846	46.692	nq	99
92) Benzo(g,h,i)perylene	17.52	276	1145422	45.147	nq	98

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

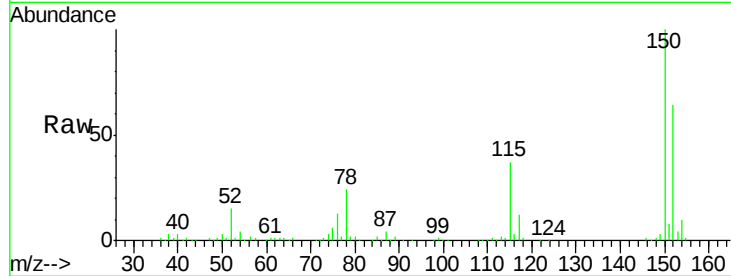


#1

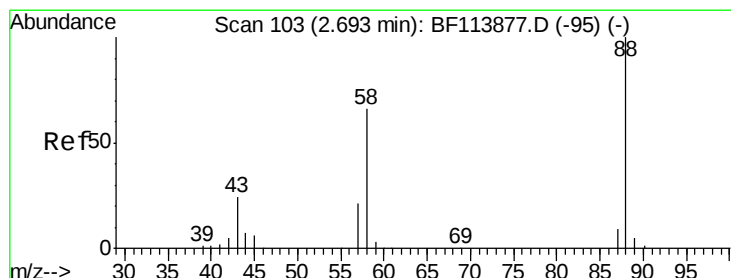
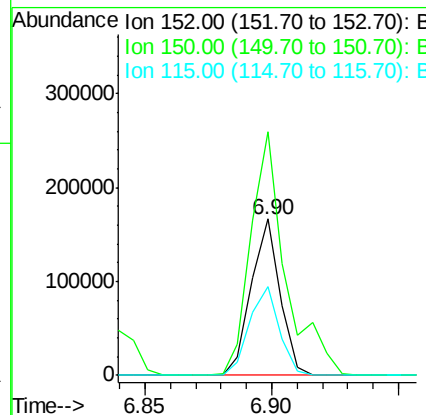
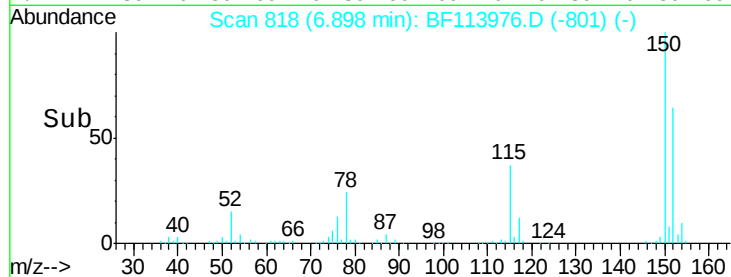
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 131714
Ion Ratio Lower Upper
152 100
150 156.0 125.9 188.9
115 57.2 45.9 68.9



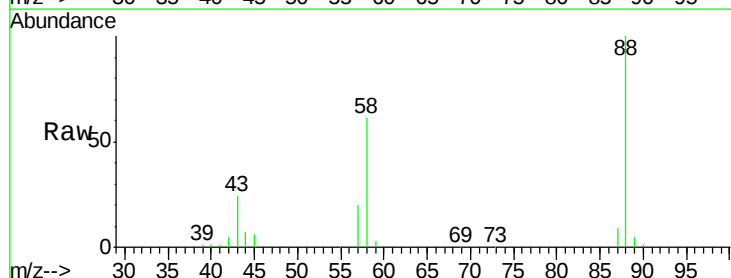
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



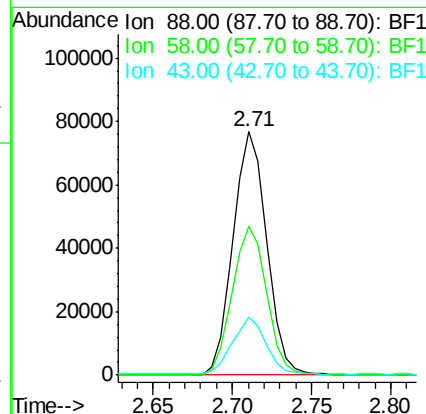
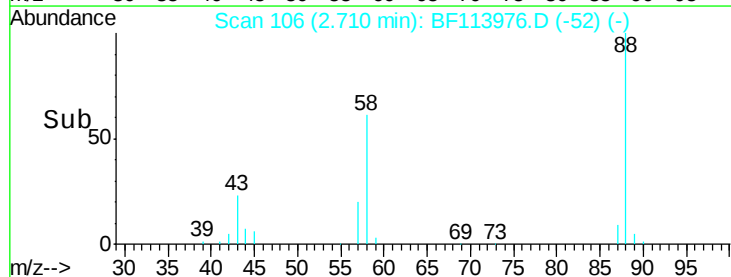
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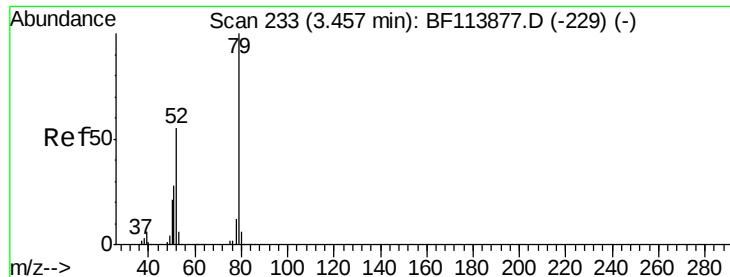
1,4-Dioxane
Concen: 31.055 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.02 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion: 88 Resp: 112735
Ion Ratio Lower Upper
88 100
58 62.3 53.3 79.9
43 23.2 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: 27.796 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.02 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

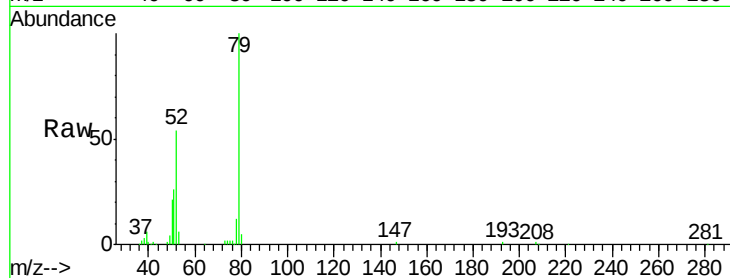
Tot Ion: 79 Resp: 275420

Ion Ratio Lower Upper

79 100

52 53.7 45.3 67.9

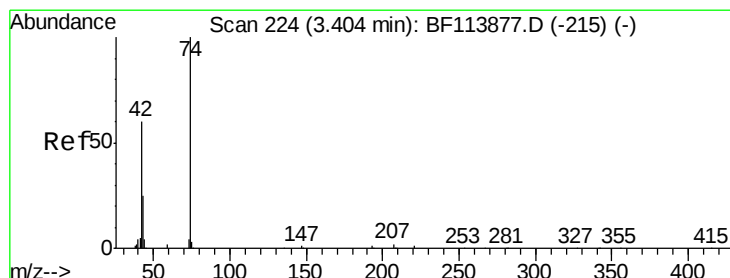
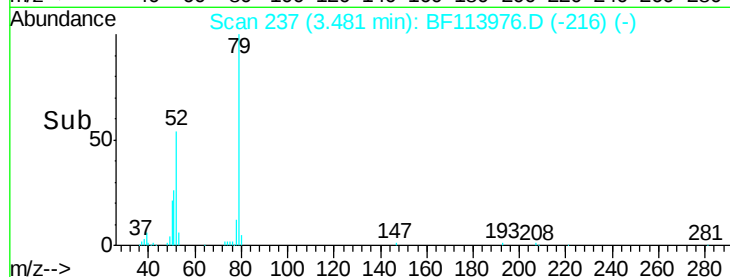
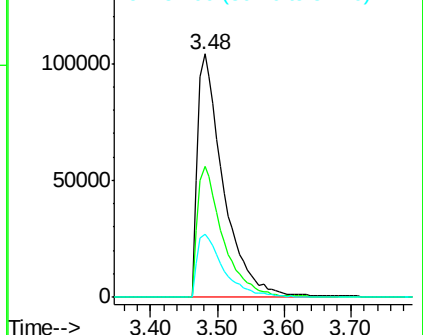
51 26.1 22.1 33.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.775 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

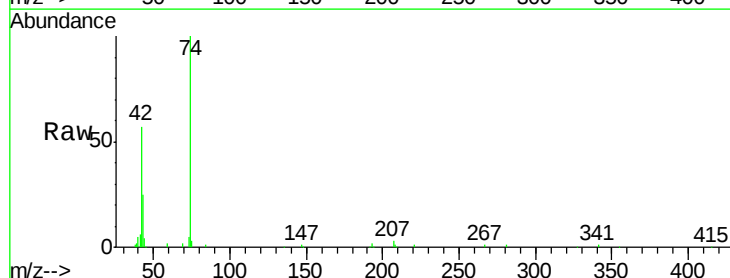
Tgt Ion: 42 Resp: 124737

Ion Ratio Lower Upper

42 100

74 174.9 132.6 198.8

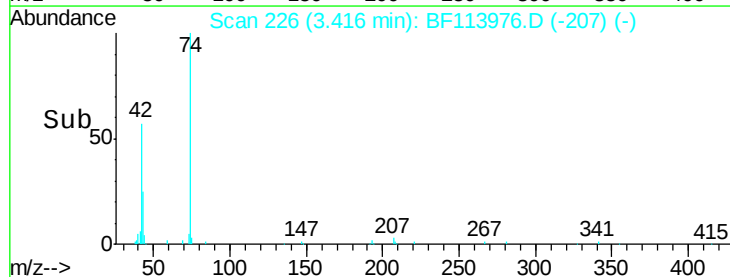
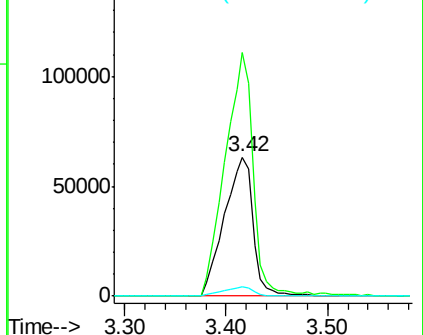
44 6.5 5.8 8.8

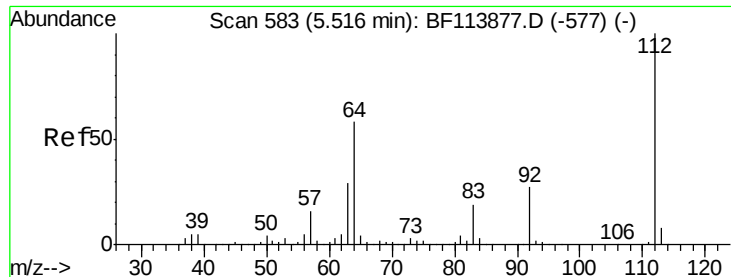


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 128.201 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

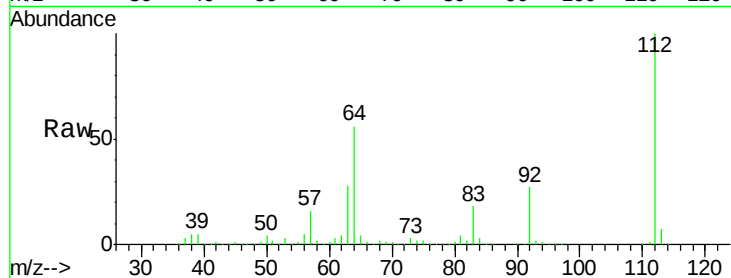
Tot Ion: 112 Resp: 987271

Ion Ratio Lower Upper

112 100

64 55.7 46.6 69.8

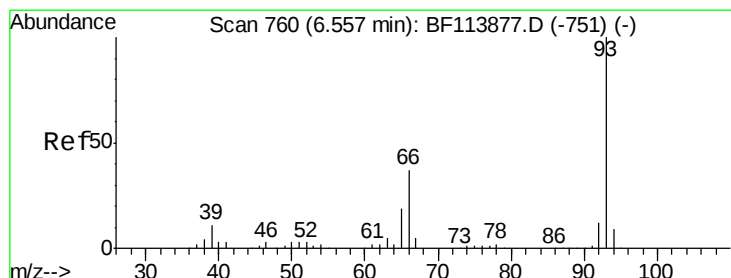
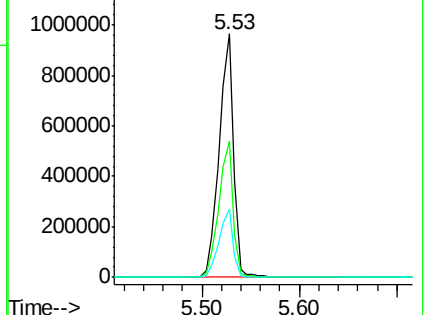
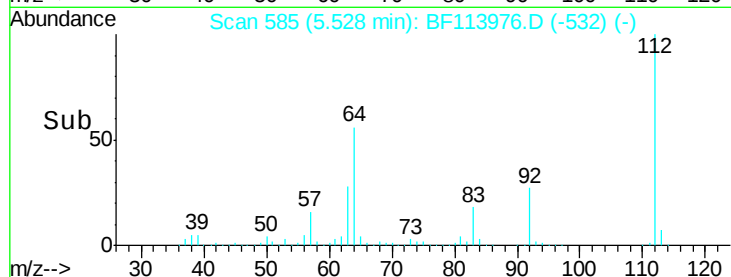
63 28.3 23.1 34.7



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: 31.578 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

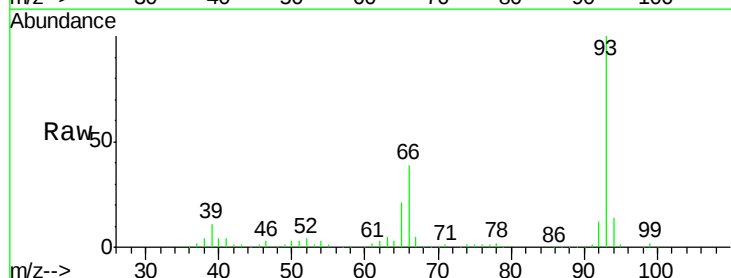
Tgt Ion: 93 Resp: 418954

Ion Ratio Lower Upper

93 100

66 39.5 29.8 44.6

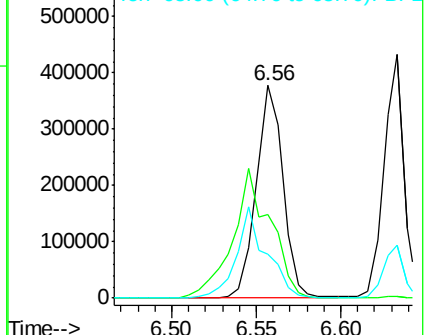
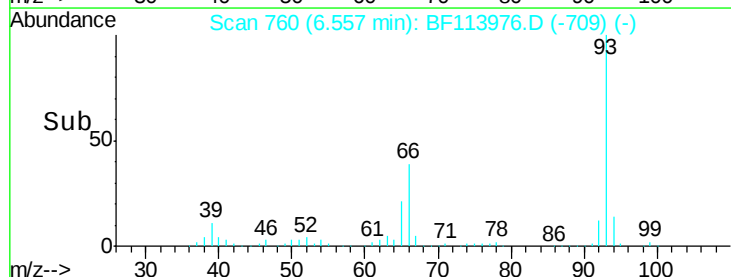
65 20.6 14.9 22.3

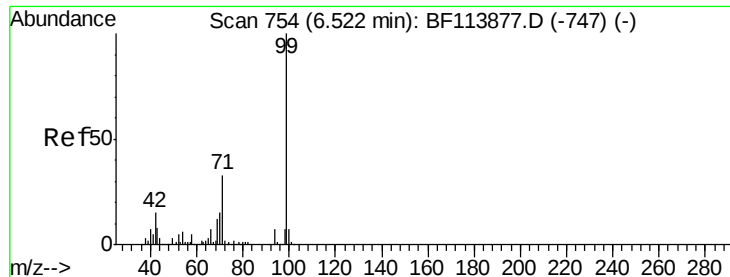


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.686 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

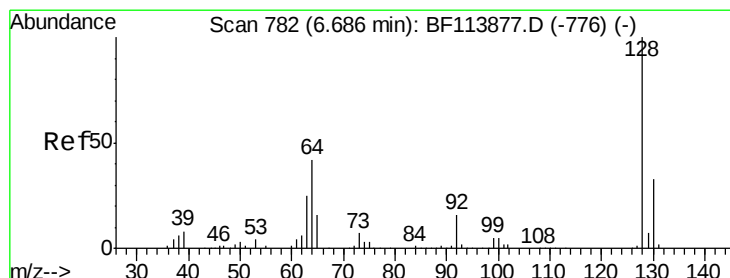
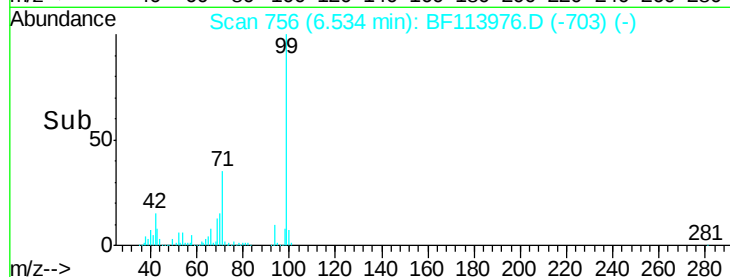
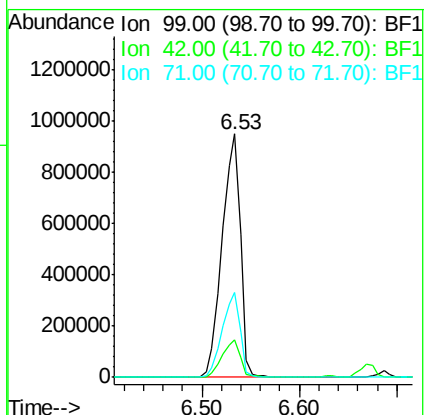
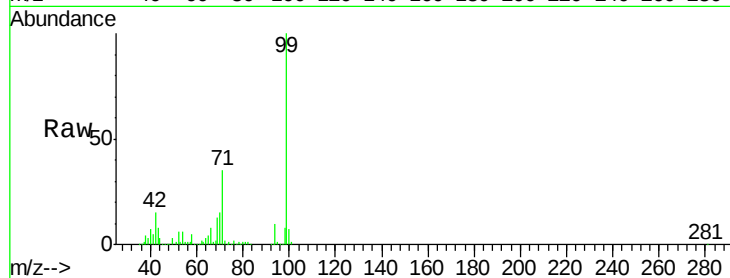
Tot Ion: 99 Resp: 1233674

Ion Ratio Lower Upper

99 100

42 15.4 12.5 18.7

71 34.6 26.9 40.3



#8

2-Chlorophenol

Concen: 41.326 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

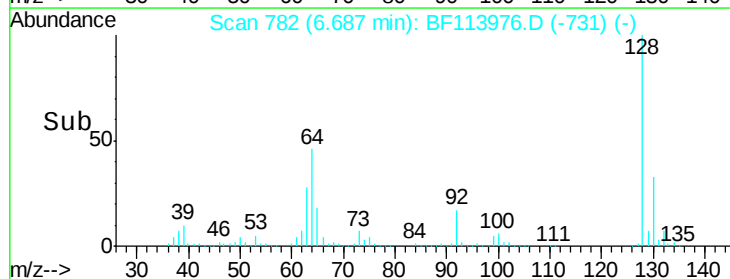
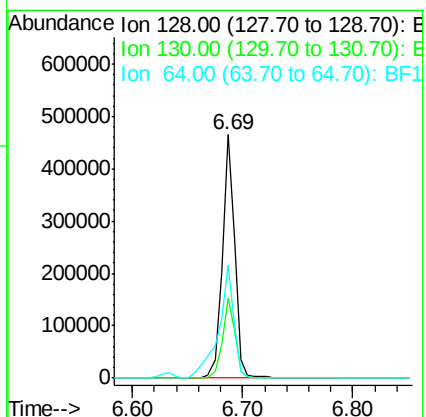
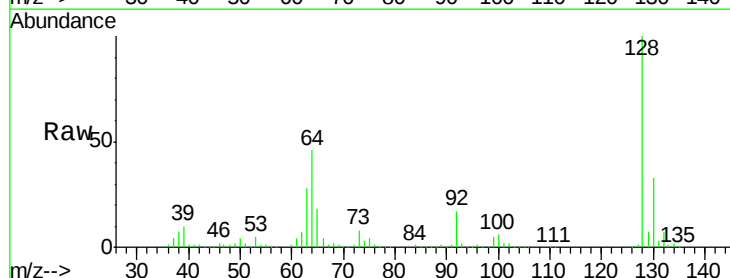
Tgt Ion: 128 Resp: 363346

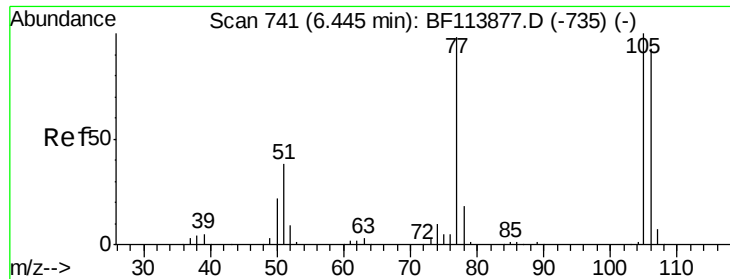
Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

64 46.4 26.1 66.1

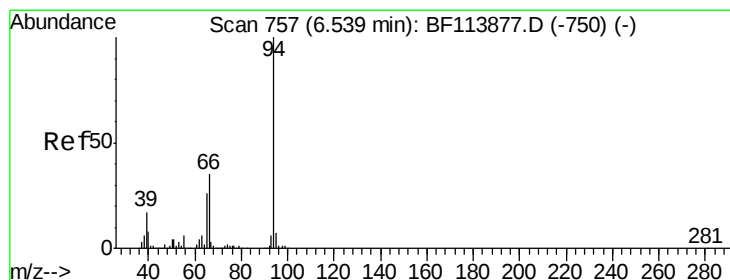
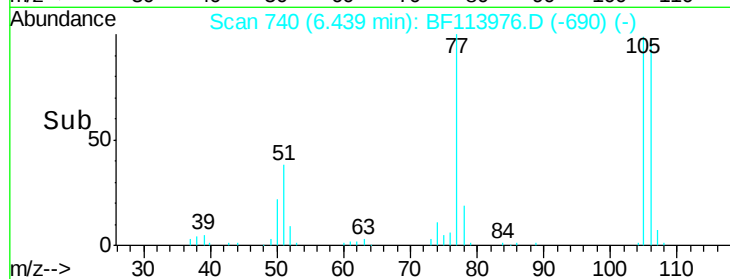
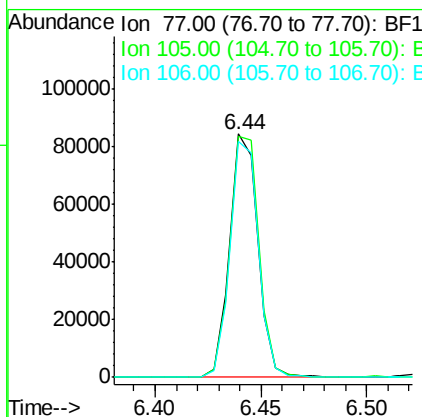
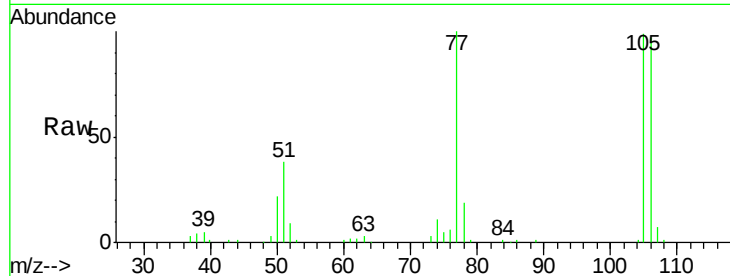




#9
Benzaldehyde
Concen: 9.560 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

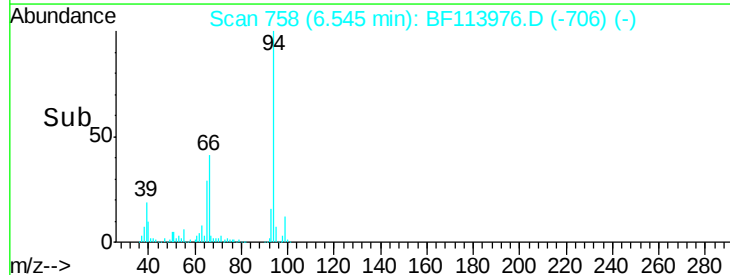
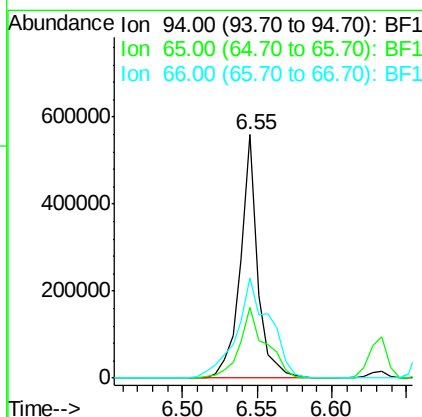
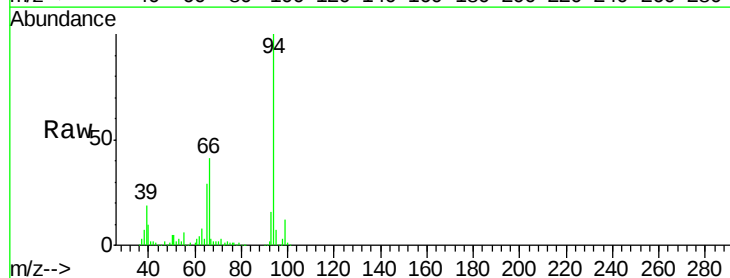
Instrument :
BNA_F
ClientSampleId :

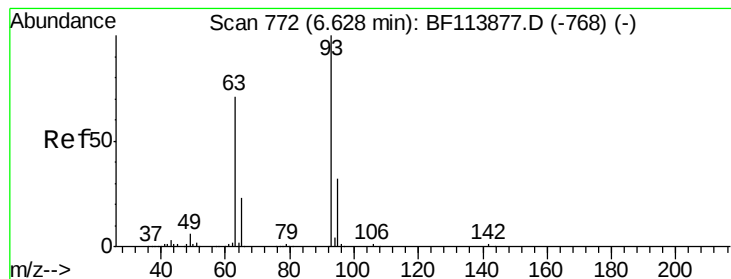
Tot Ion: 77 Resp: 77483
Ion Ratio Lower Upper
77 100
105 99.1 74.1 114.1
106 97.0 70.3 110.3



#10
Phenol
Concen: 39.260 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion: 94 Resp: 453588
Ion Ratio Lower Upper
94 100
65 29.2 8.1 48.1
66 41.0 16.6 56.6

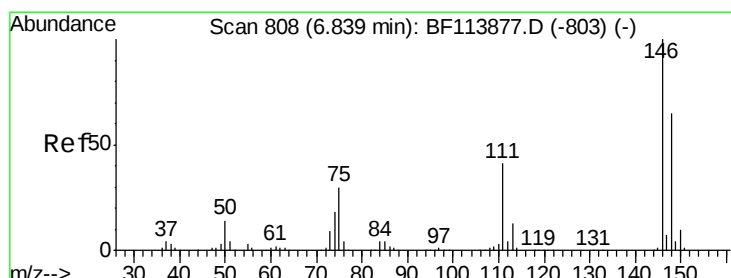
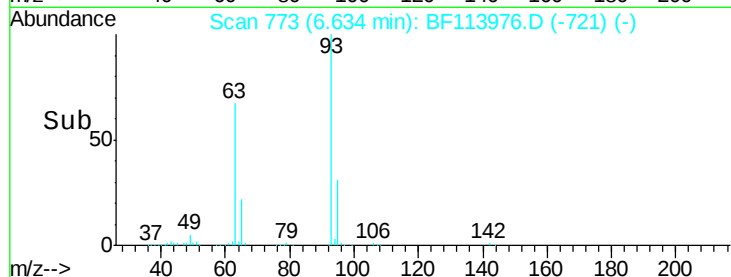
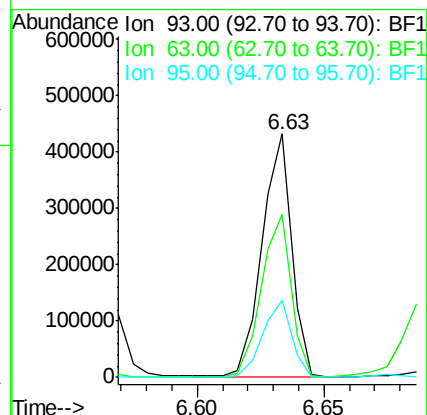
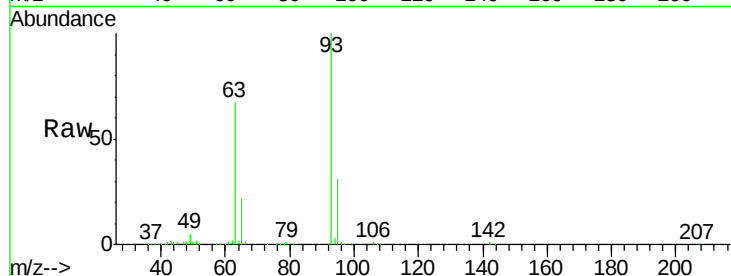




#11
bis(2-Chloroethyl)ether
Concen: 40.567 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

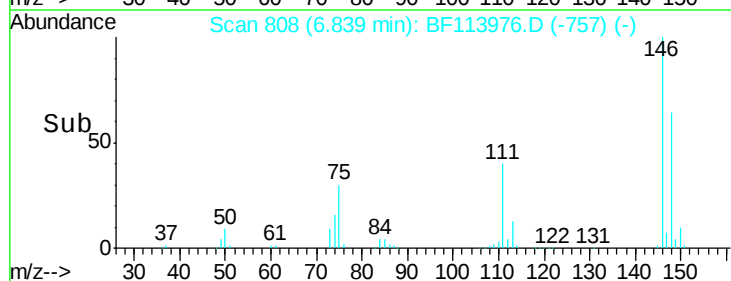
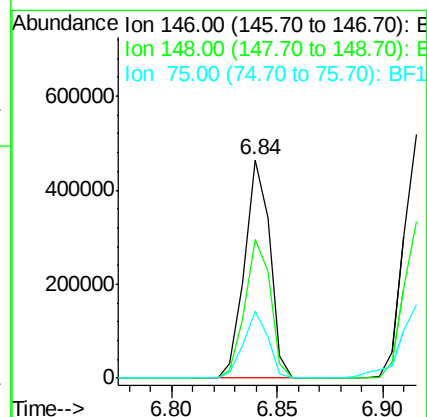
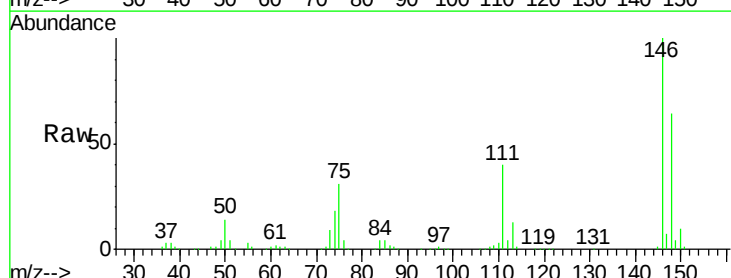
Instrument :
BNA_F
ClientSampled :

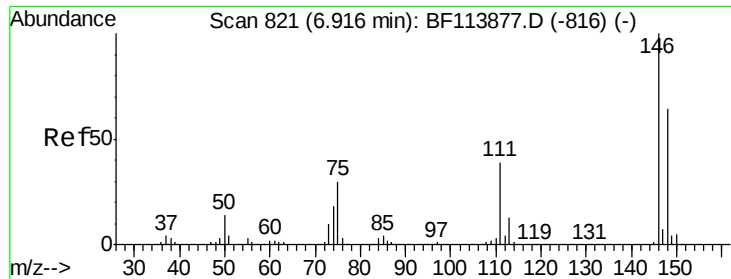
Tot Ion: 93 Resp: 352690
Ion Ratio Lower Upper
93 100
63 66.9 50.7 90.7
95 31.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.614 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion: 146 Resp: 384509
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.6
75 30.8 23.8 35.8

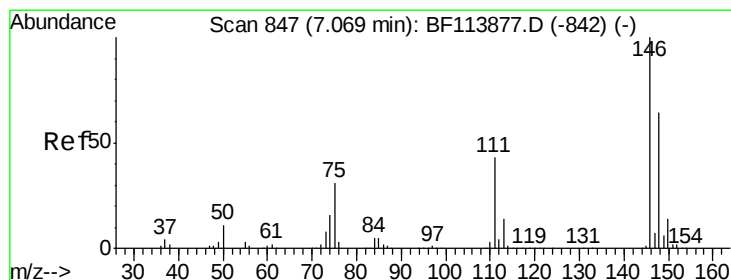
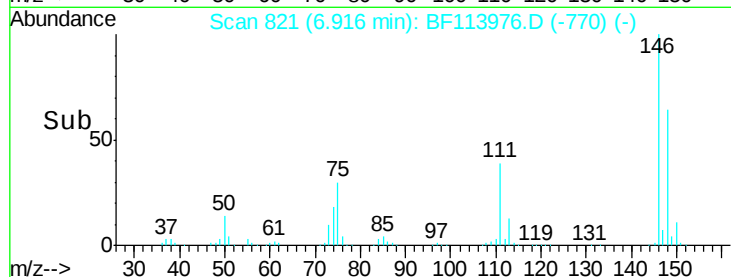
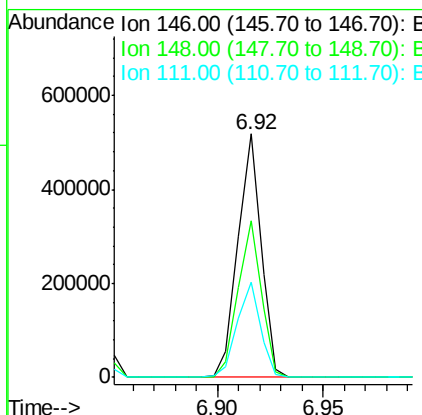
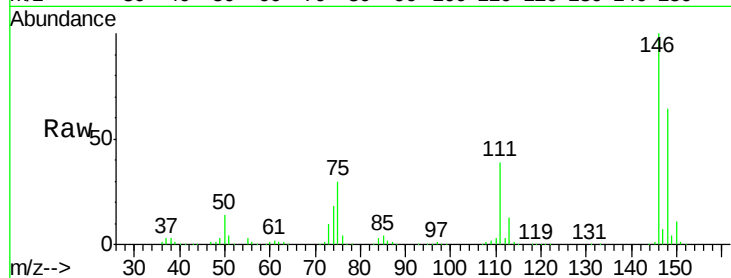




#13
 1,4-Dichlorobenzene
 Concen: 39.256 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

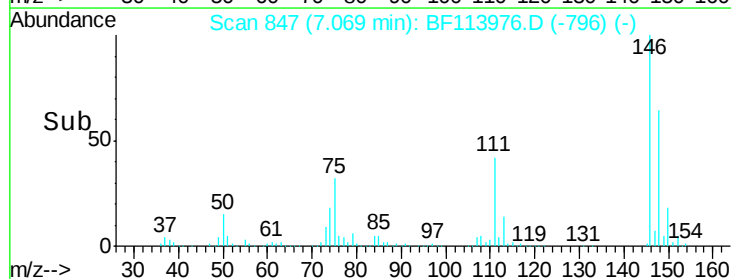
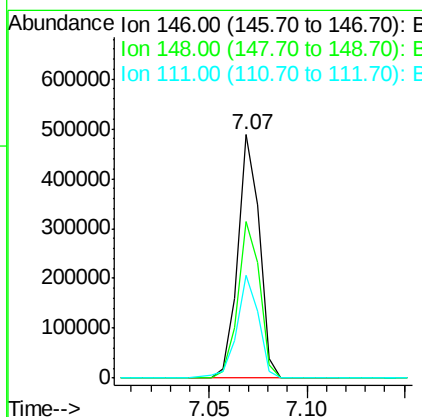
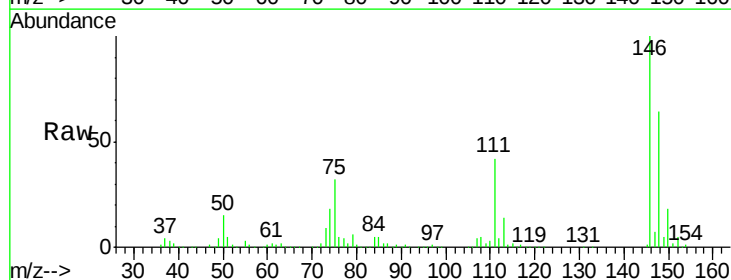
Instrument :
 BNA_F
 ClientSampleId :

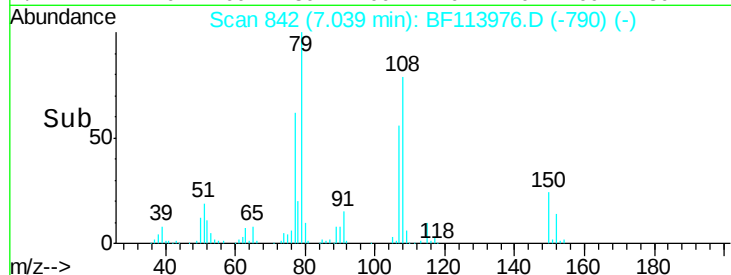
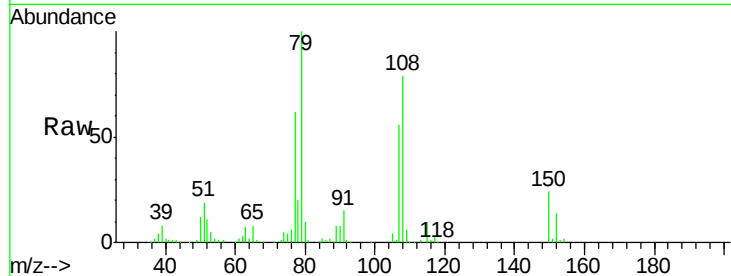
Tot Ion:146 Resp: 393178
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.8
 111 39.3 30.9 46.3



#14
 1,2-Dichlorobenzene
 Concen: 40.509 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Tgt Ion:146 Resp: 372868
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.1 78.1
 111 42.4 34.2 51.4





#15

Benzyl Alcohol

Concen: 42.501 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

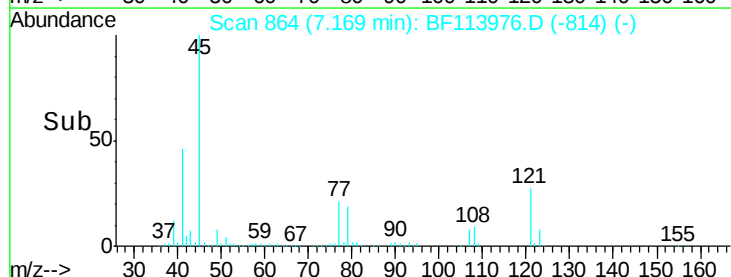
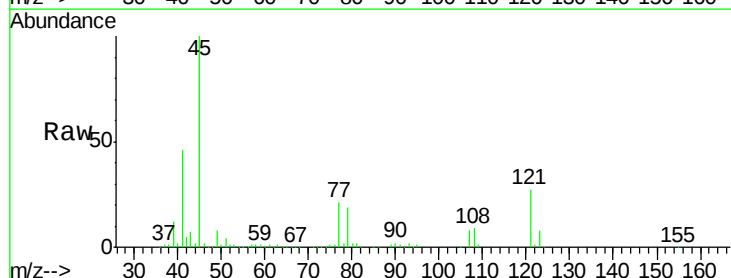
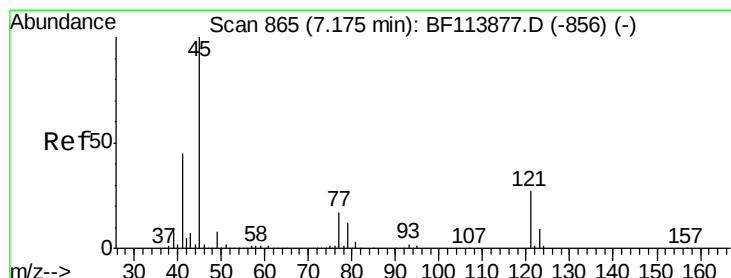
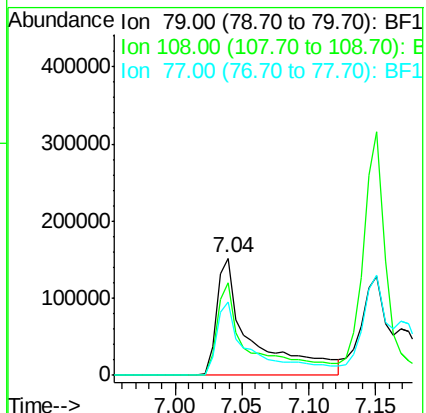
Tot Ion: 79 Resp: 276562

Ion Ratio Lower Upper

79 100

108 79.1 61.4 92.0

77 62.2 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.601 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

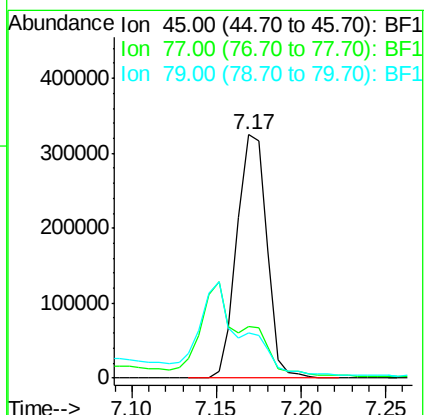
Tgt Ion: 45 Resp: 401903

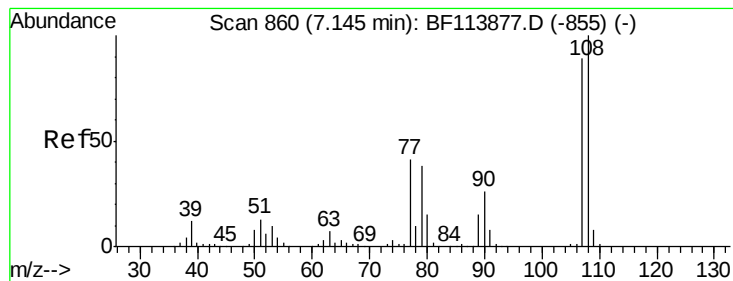
Ion Ratio Lower Upper

45 100

77 21.4 0.0 37.0

79 18.7 0.0 32.7

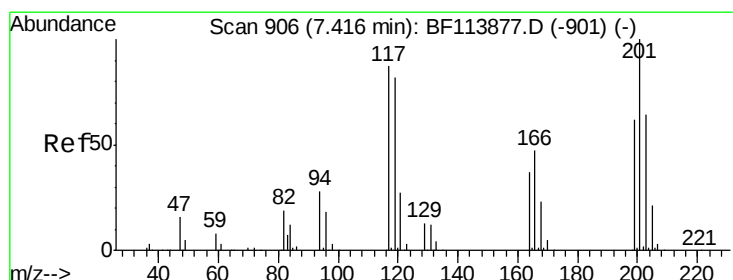
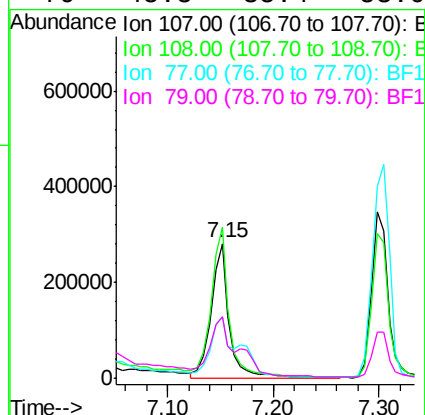
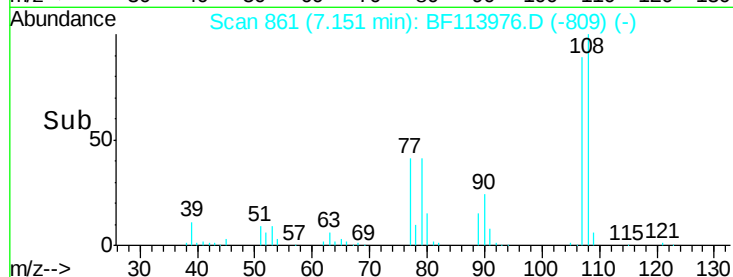
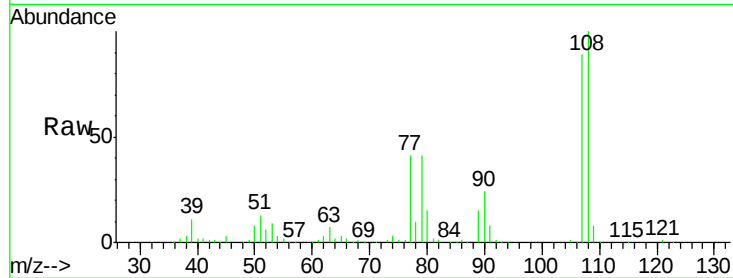




#17
2-Methylphenol
Concen: 43.954 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

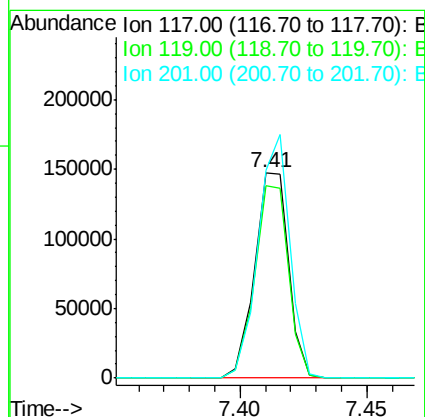
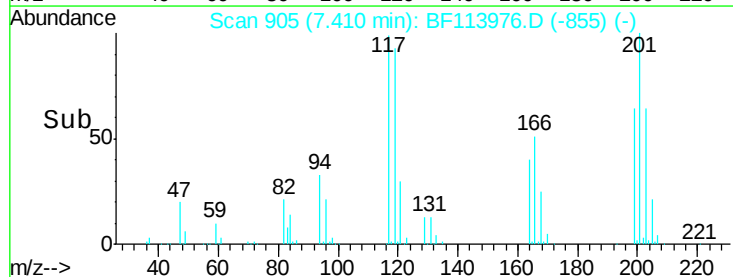
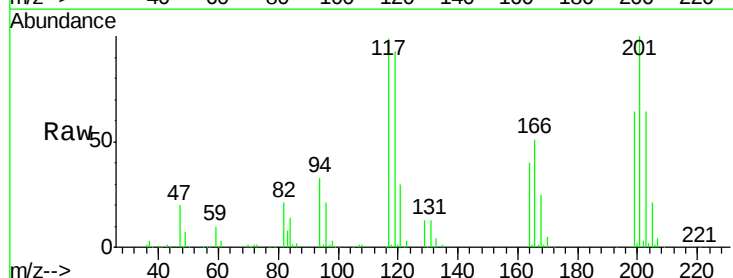
Instrument :
BNA_F
ClientSampleId :

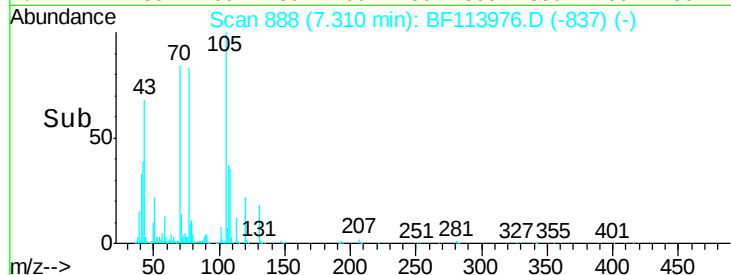
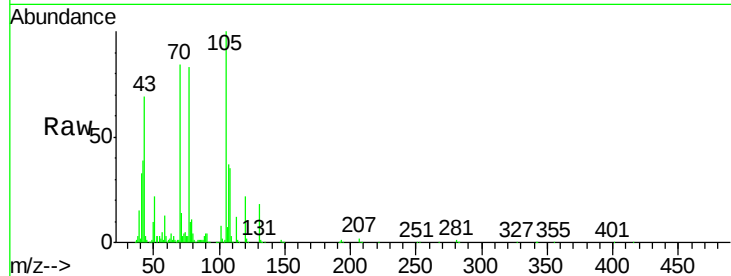
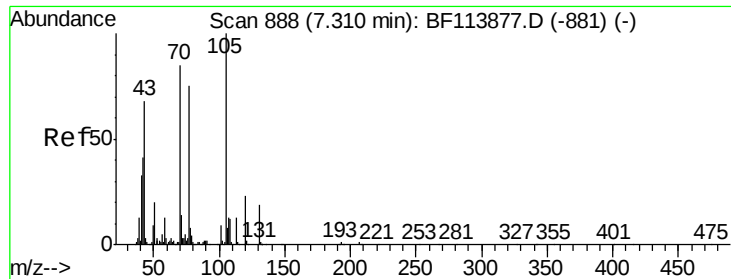
Tot Ion:107 Resp: 338753
Ion Ratio Lower Upper
107 100
108 112.3 91.5 137.3
77 46.0 36.2 54.4
79 45.8 35.4 53.0



#18
Hexachloroethane
Concen: 39.304 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion:117 Resp: 137993
Ion Ratio Lower Upper
117 100
119 93.8 74.4 111.6
201 101.3 90.2 135.2

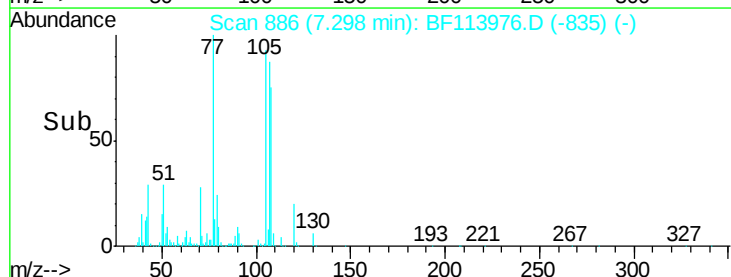
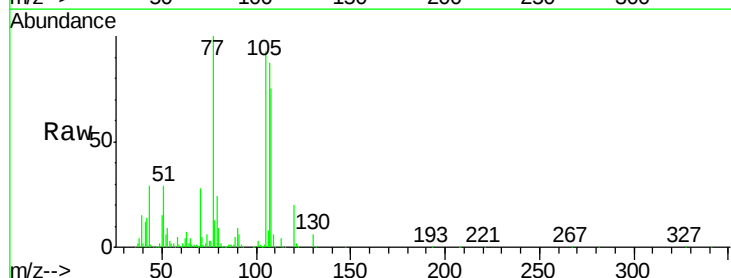
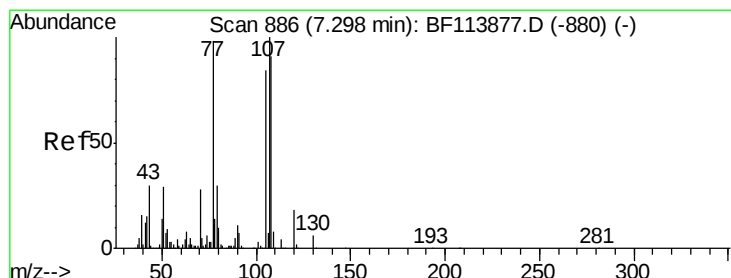
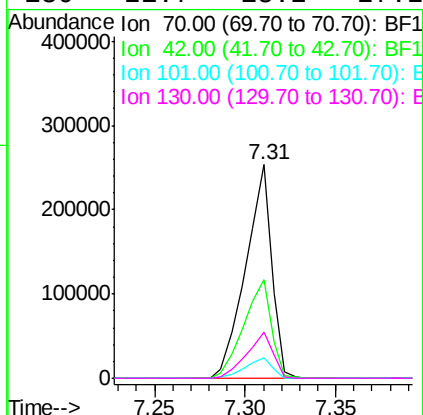




#19
n-Nitroso-di-n-propylamine
Concen: 40.528 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

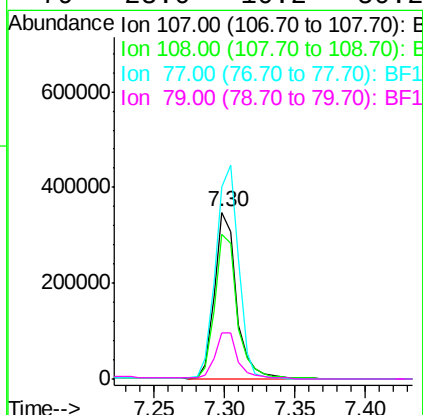
Instrument :
BNA_F
ClientSampleId :

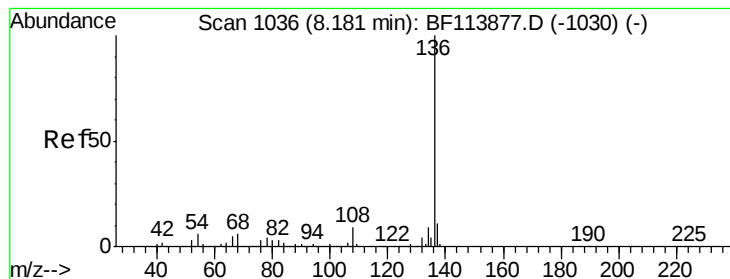
Tot Ion:	70	Resp:	253579
Ion	Ratio	Lower	Upper
70	100		
42	46.3	37.3	55.9
101	9.5	7.8	11.8
130	21.7	18.2	27.2



#20
3+4-Methylphenols
Concen: 42.793 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion:	107	Resp:	372618
Ion	Ratio	Lower	Upper
107	100		
108	86.6	70.1	110.1
77	114.8	52.9	92.9
79	28.0	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 530937

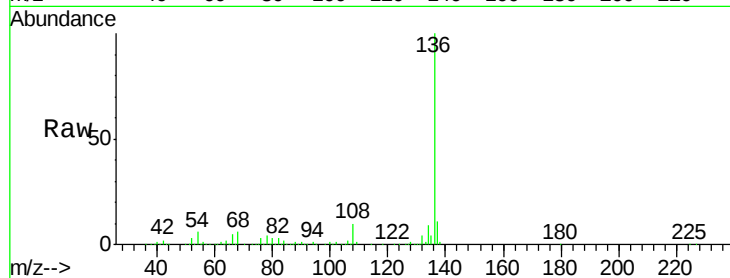
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 6.0 5.0 7.6

68 6.0 4.9 7.3

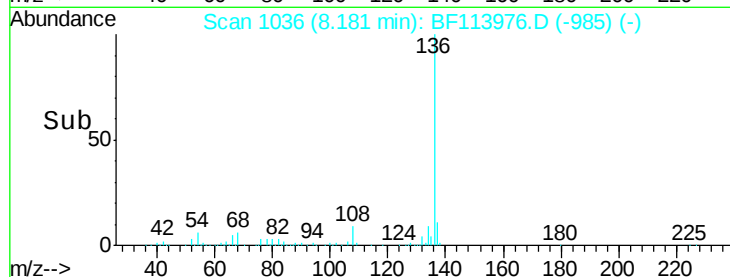


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

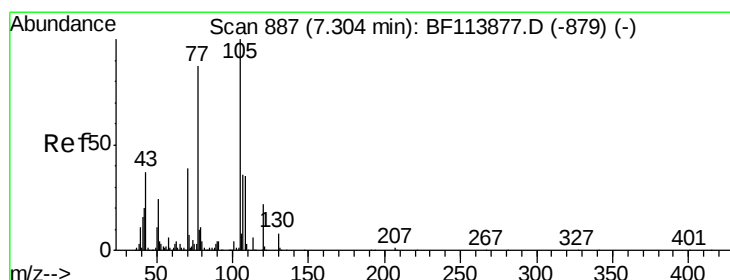
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

8.18



#22

Acetophenone

Concen: 42.815 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Tgt Ion:105 Resp: 505864

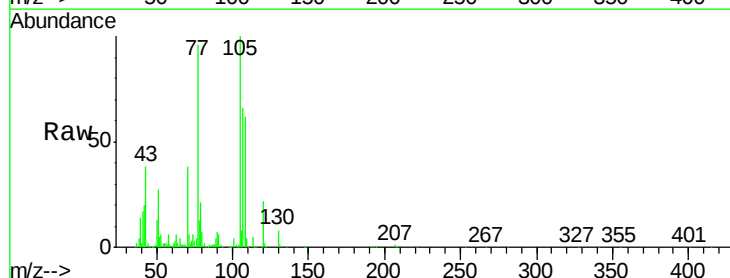
Ion Ratio Lower Upper

105 100

71 6.5 6.1 9.1

51 27.1 16.8 25.2#

120 21.7 17.6 26.4

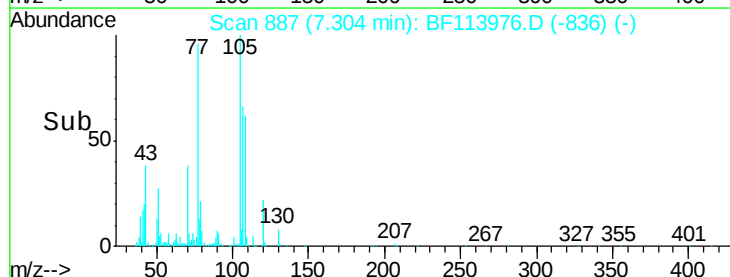


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

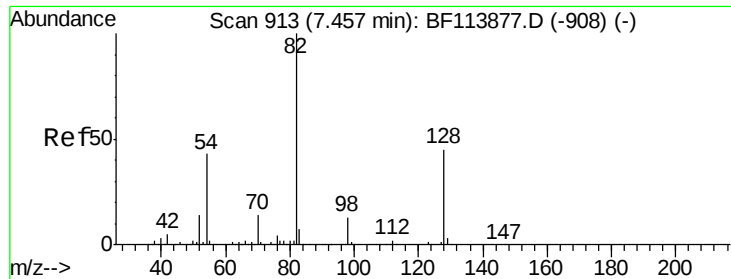
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

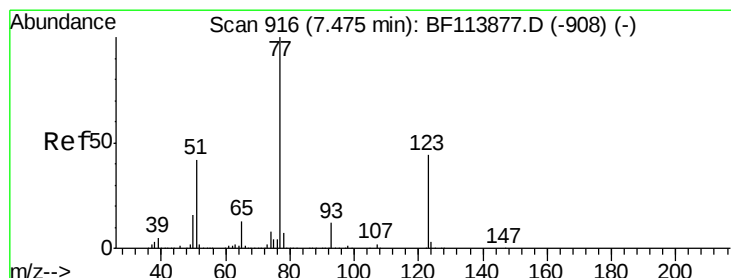
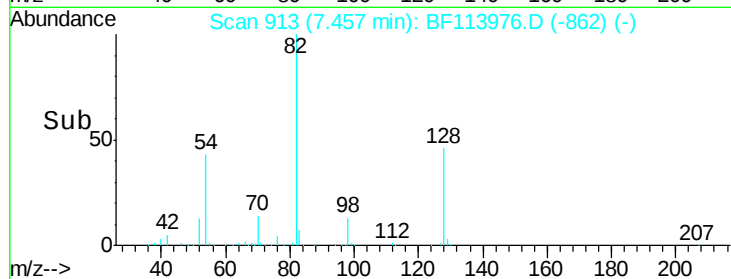
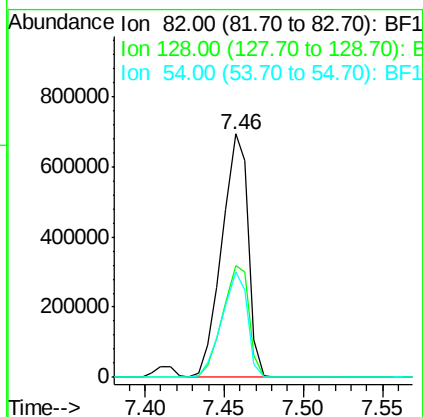
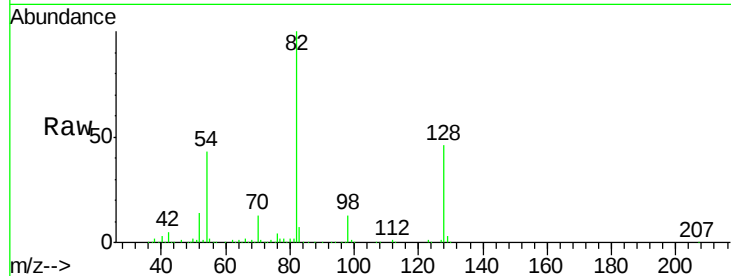
7.30



#23
 Nitrobenzene-d5
 Concen: 93.096 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

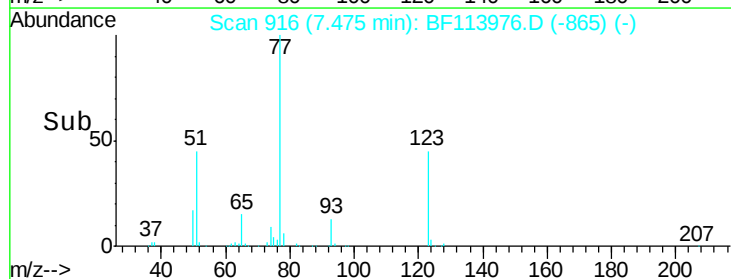
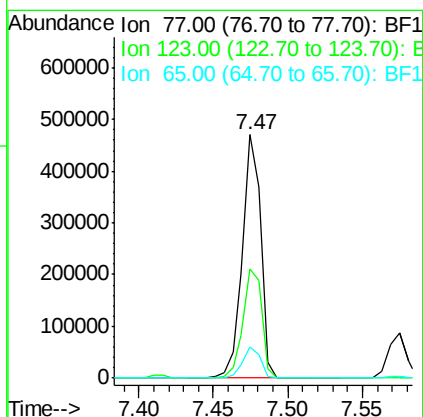
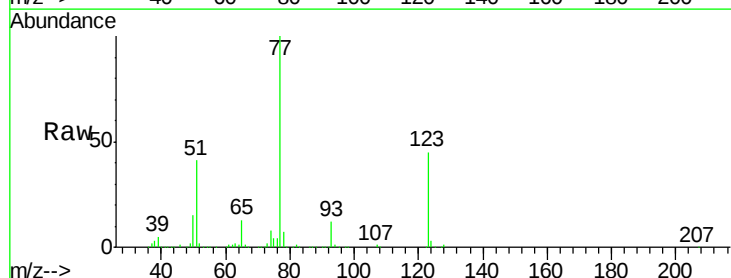
Instrument :
 BNA_F
 ClientSampleId :

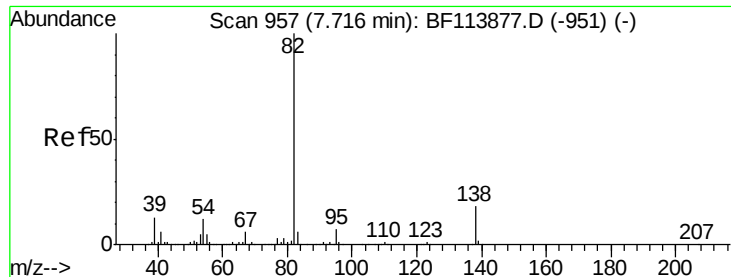
Tot Ion	Ion	Ratio	Lower	Upper
82	82	100		
128	128	45.7	36.8	55.2
54	54	43.3	33.8	50.6



#24
 Nitrobenzene
 Concen: 42.365 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Tgt Ion	Ion	Ratio	Lower	Upper
77	77	100		
123	123	44.8	36.3	54.5
65	65	13.0	10.3	15.5





#25

Isophorone

Concen: 40.948 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

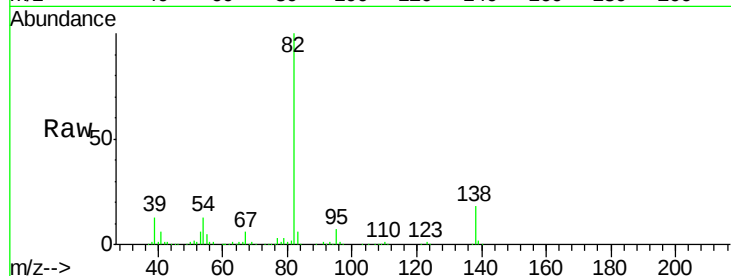
Tot Ion: 82 Resp: 720470

Ion Ratio Lower Upper

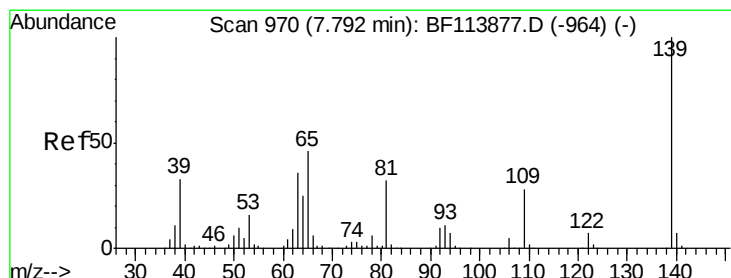
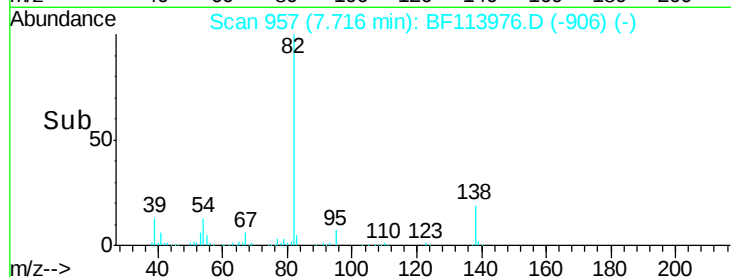
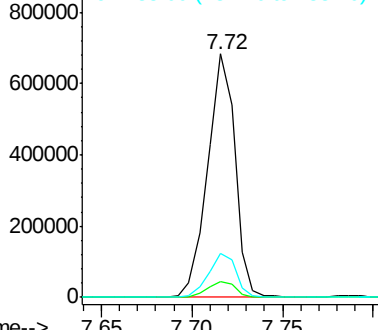
82 100

95 6.6 5.4 8.2

138 17.8 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: 46.744 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

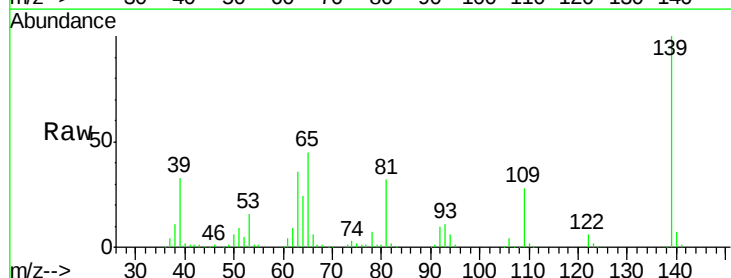
Tgt Ion: 139 Resp: 202618

Ion Ratio Lower Upper

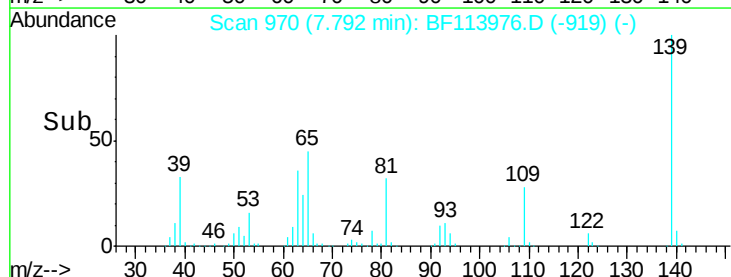
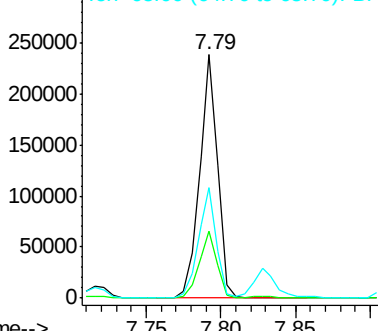
139 100

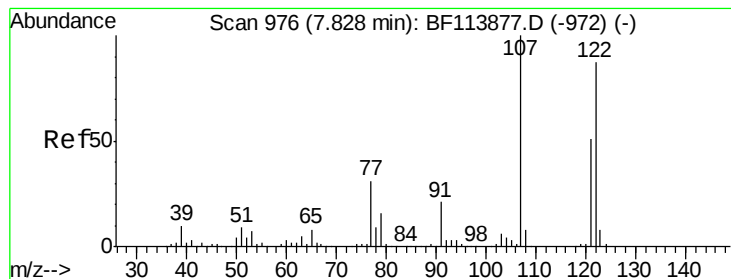
109 27.6 20.6 31.0

65 45.3 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: 47.044 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampled :

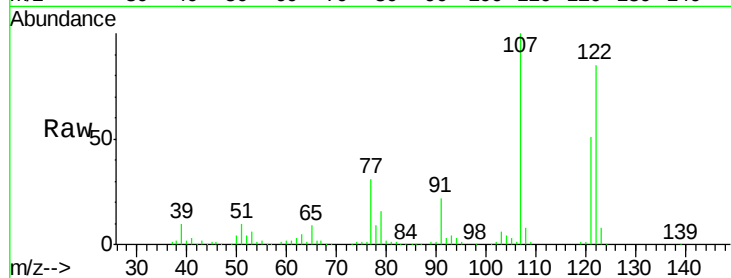
Tot Ion:122 Resp: 332240

Ion Ratio Lower Upper

122 100

107 118.2 91.2 136.8

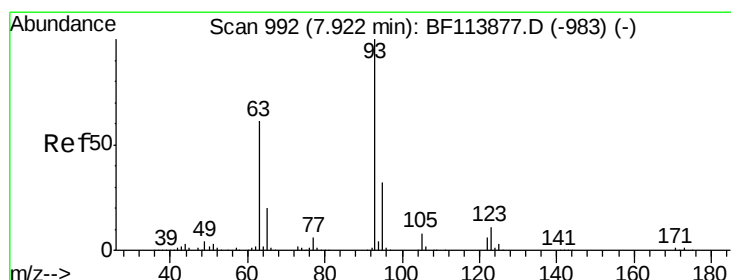
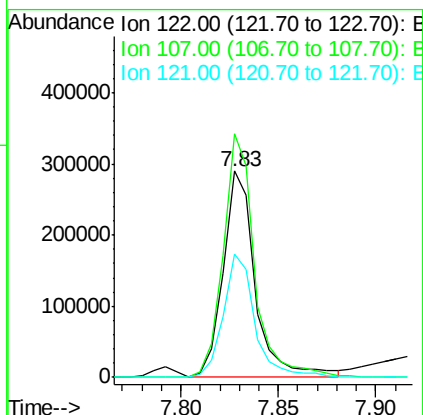
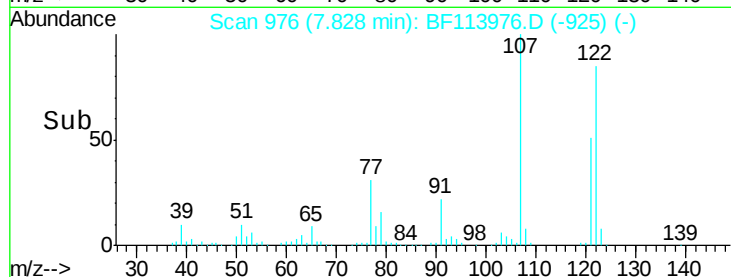
121 59.9 46.4 69.6



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: 40.016 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

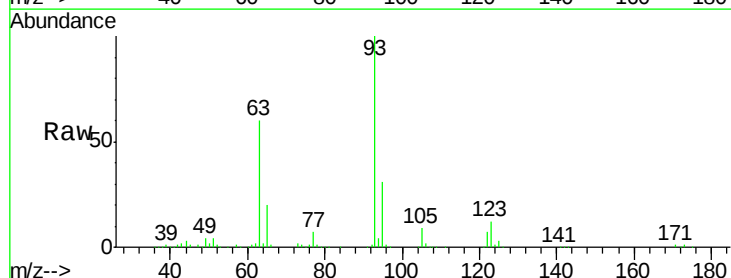
Tgt Ion: 93 Resp: 448649

Ion Ratio Lower Upper

93 100

95 31.4 25.8 38.6

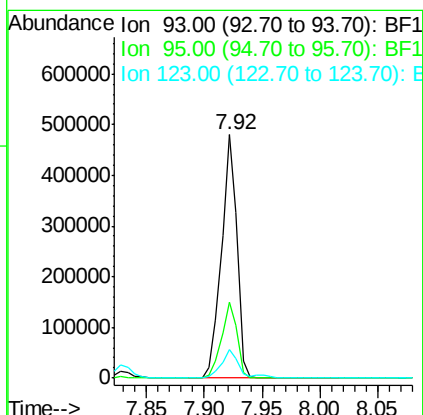
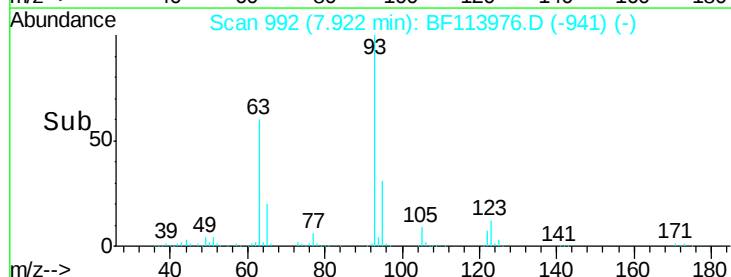
123 11.6 9.0 13.6

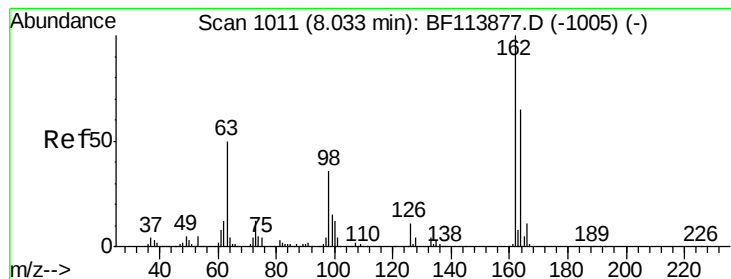


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.175 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

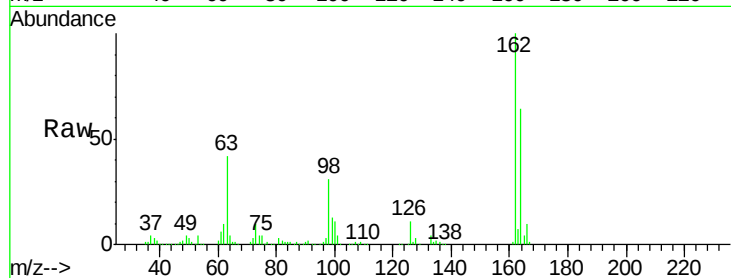
Tot Ion:162 Resp: 340601

Ion Ratio Lower Upper

162 100

164 64.1 43.7 83.7

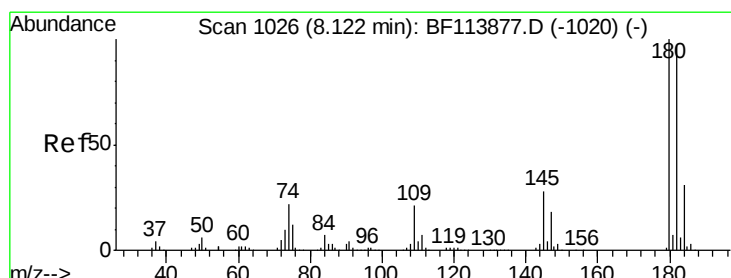
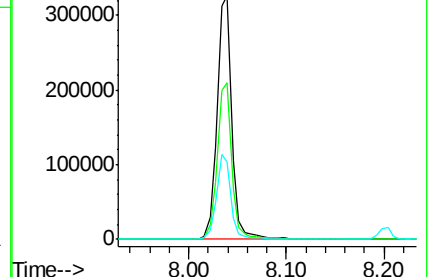
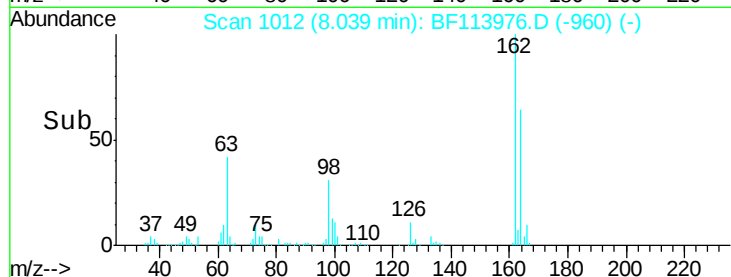
98 31.5 15.5 55.5



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: 41.344 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

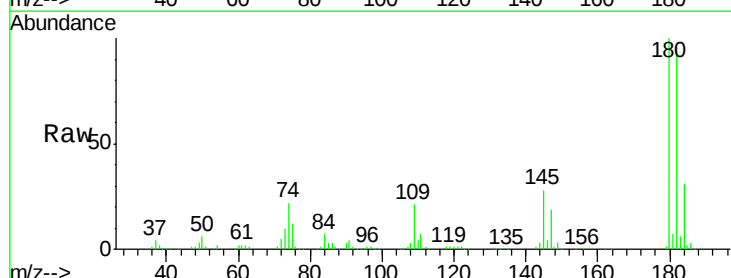
Tgt Ion:180 Resp: 372292

Ion Ratio Lower Upper

180 100

182 95.6 75.4 113.0

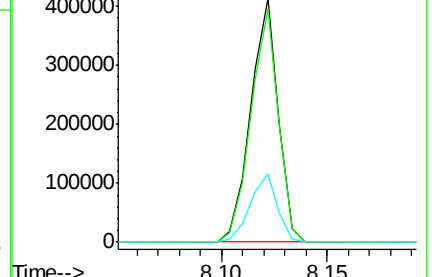
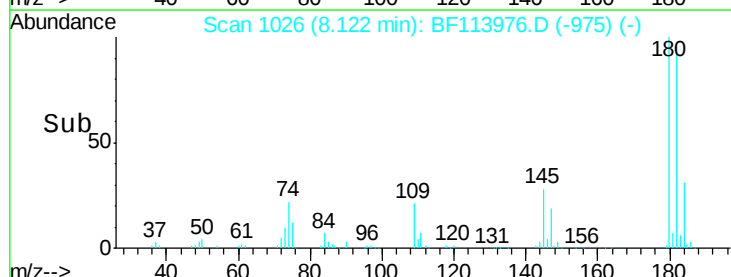
145 27.9 23.0 34.4

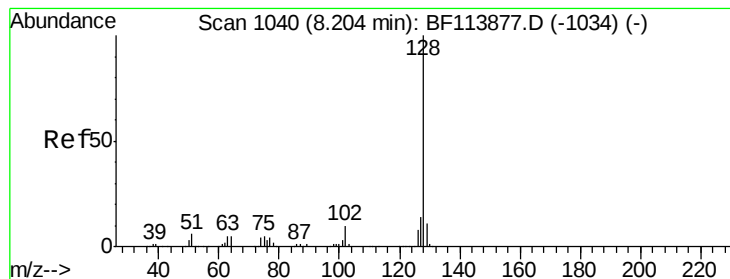


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.024 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

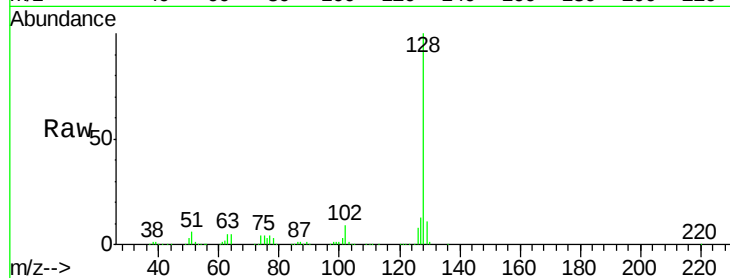
Tot Ion:128 Resp: 1059955

Ion Ratio Lower Upper

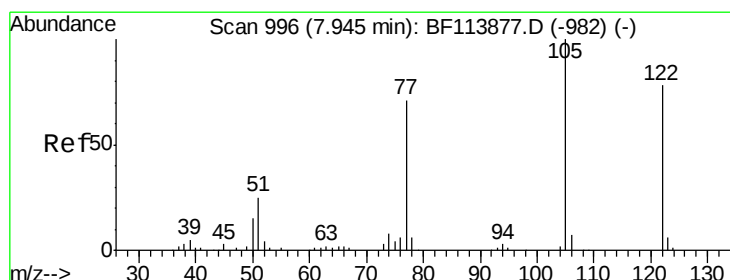
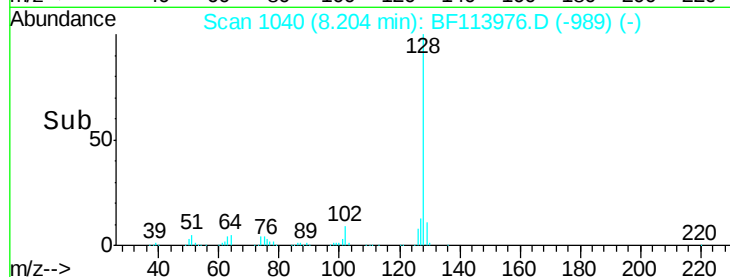
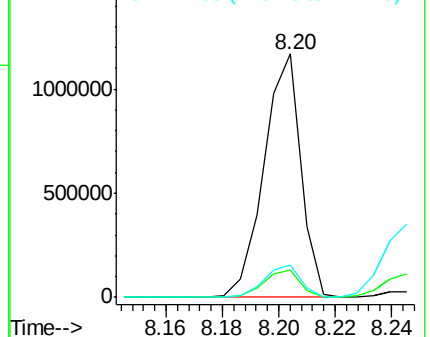
128 100

129 11.3 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: 35.685 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

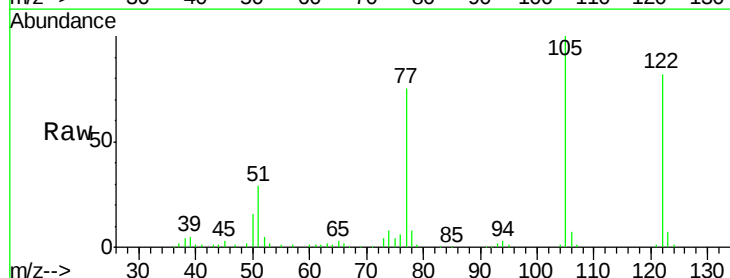
Tgt Ion:122 Resp: 170191

Ion Ratio Lower Upper

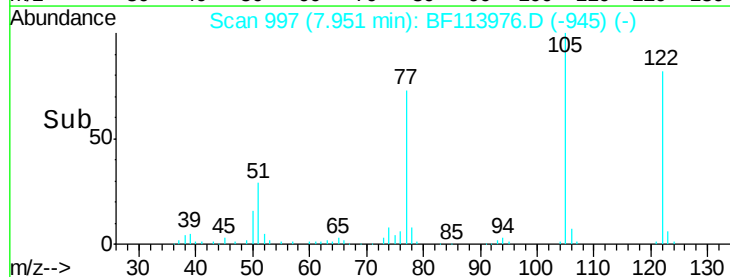
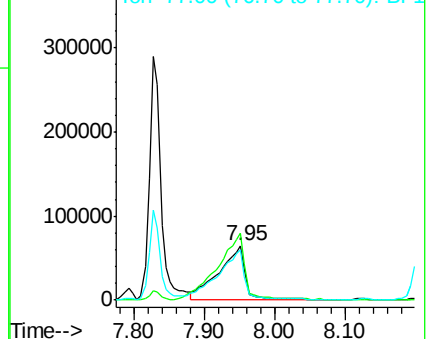
122 100

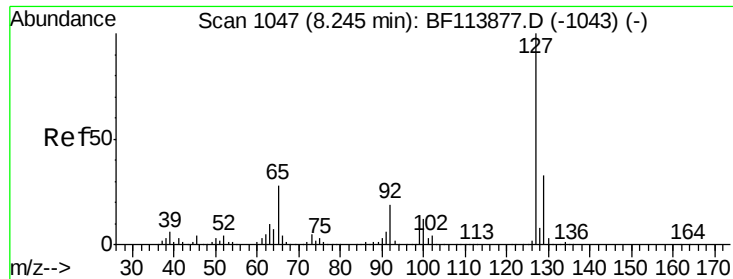
105 122.2 104.3 144.3

77 91.1 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

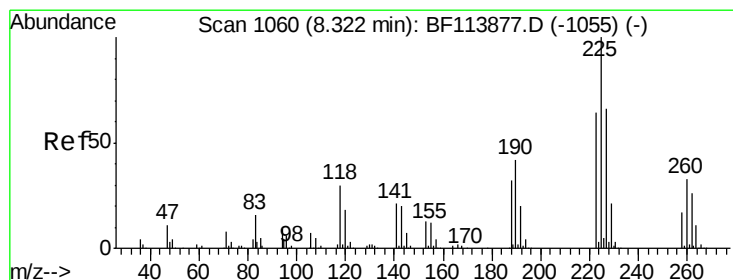
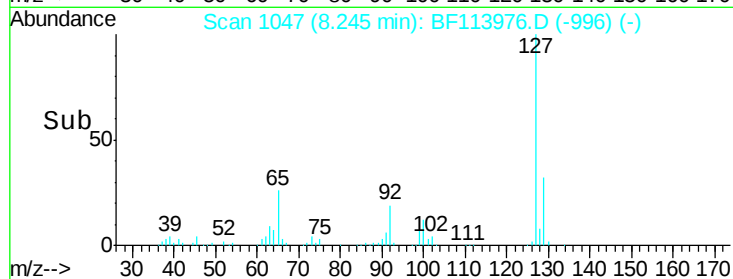
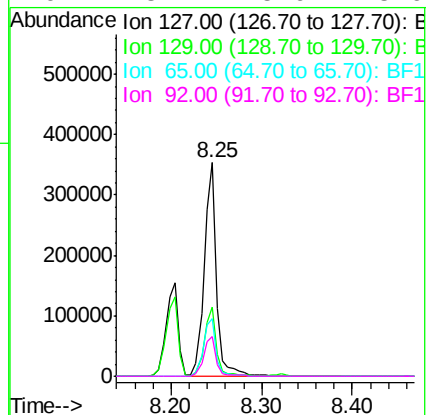
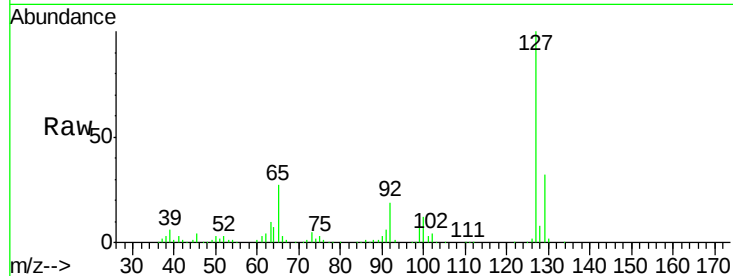




#33
 4-Chloroaniline
 Concen: 31.378 ng
 RT: 8.25 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

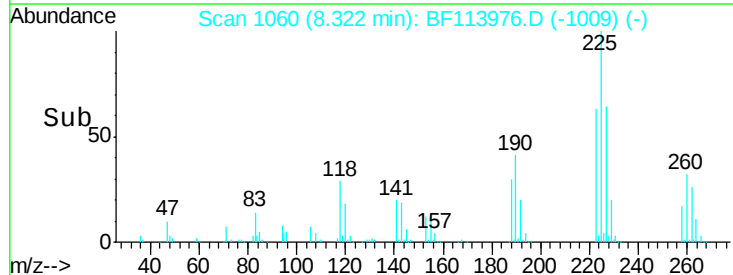
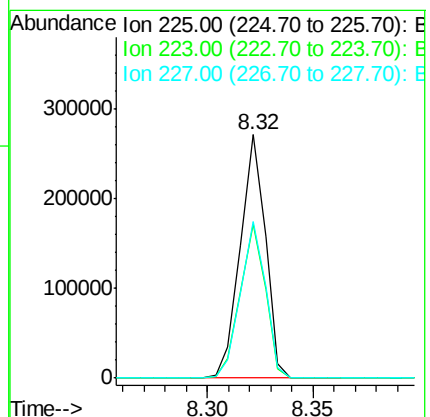
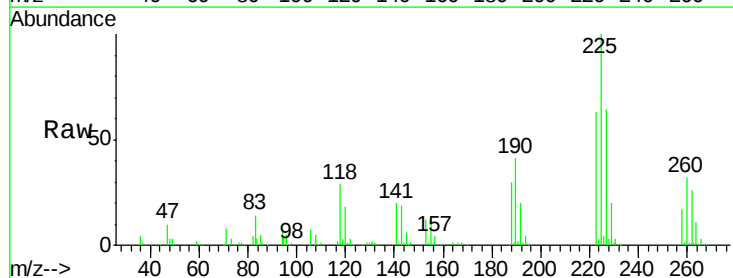
Instrument :
 BNA_F
 ClientSampled :

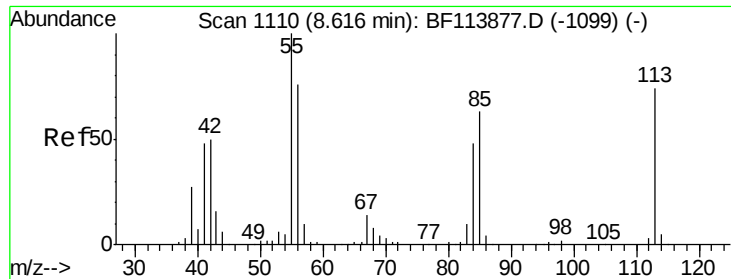
Tot Ion:	127	Resp:	334883
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.4	39.6
65	27.0	24.9	37.3
92	18.7	15.9	23.9



#34
 Hexachlorobutadiene
 Concen: 39.706 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Tgt Ion:	225	Resp:	222888
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.1	76.7
227	64.4	49.9	74.9

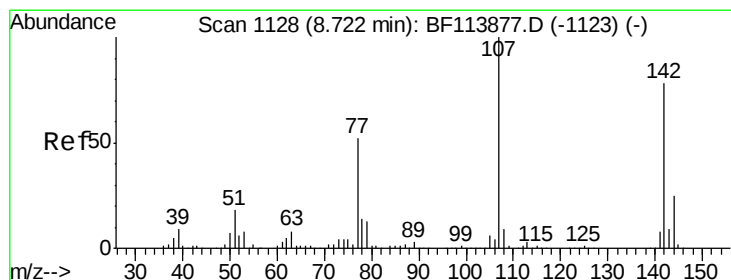
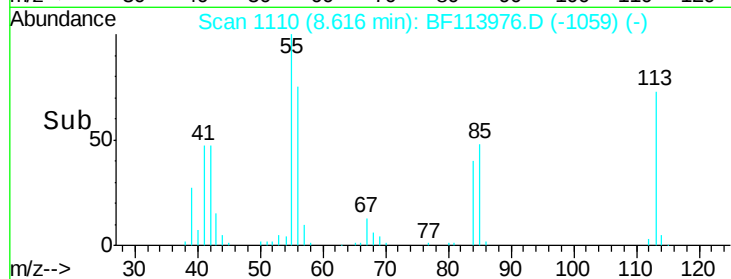
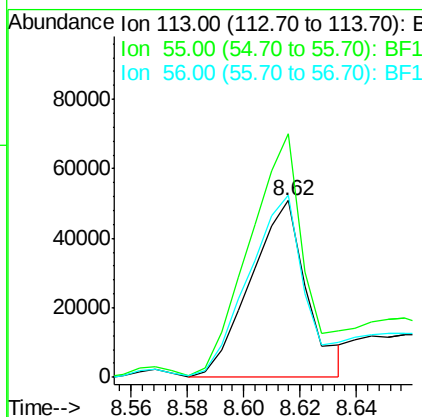
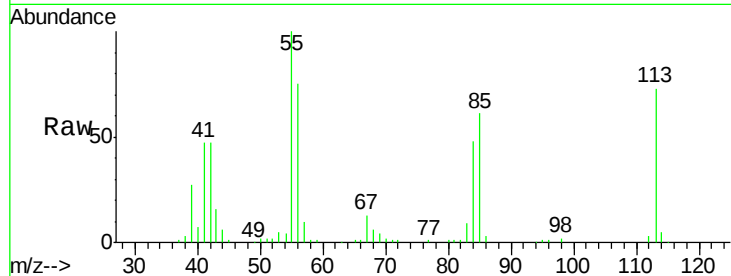




#35
 Caprolactam
 Concen: 27.400 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

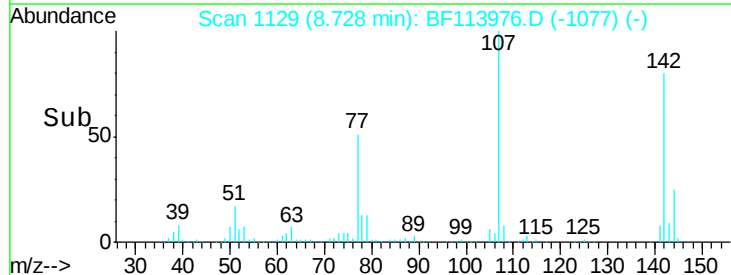
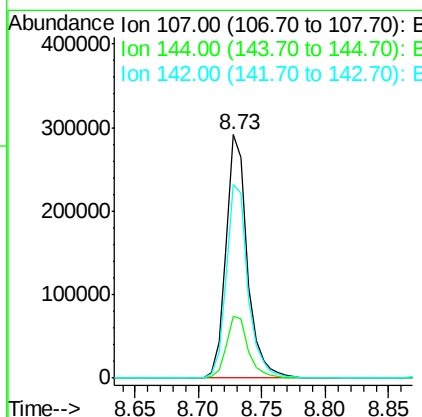
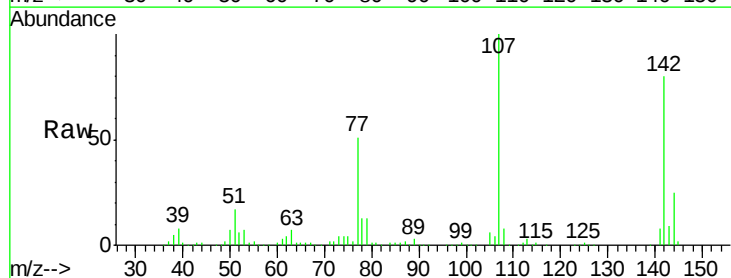
Instrument :
 BNA_F
 ClientSampleId :

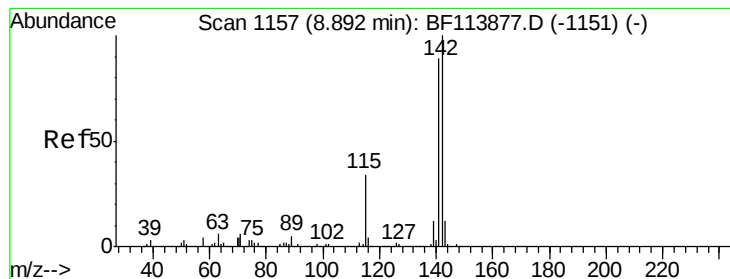
Tot Ion:113 Resp: 70392
 Ion Ratio Lower Upper
 113 100
 55 137.8 128.6 168.6
 56 103.1 91.9 131.9



#36
 4-Chloro-3-methylphenol
 Concen: 42.294 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Tgt Ion:107 Resp: 338400
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 79.6 64.2 96.4





#37

2-Methylnaphthalene

Concen: 42.632 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

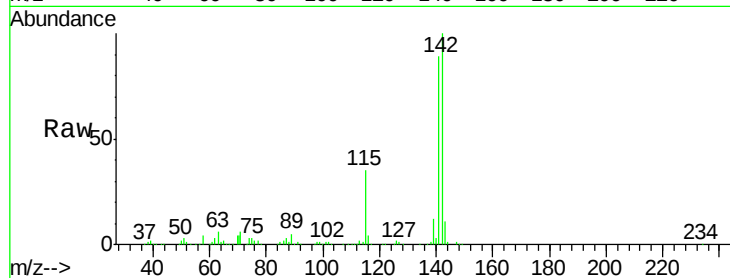
Tot Ion:142 Resp: 725112

Ion Ratio Lower Upper

142 100

141 88.7 70.4 105.6

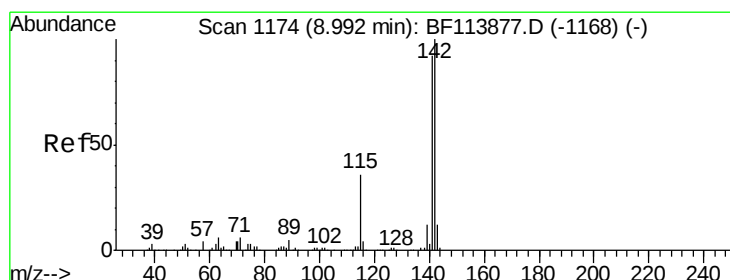
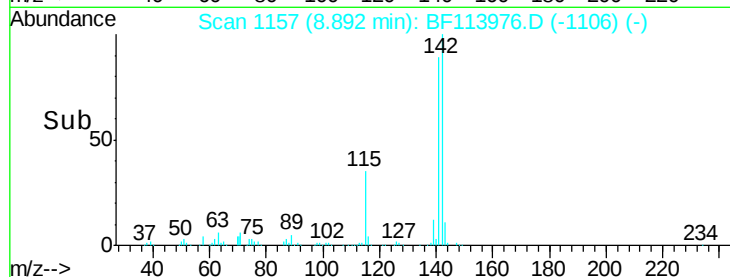
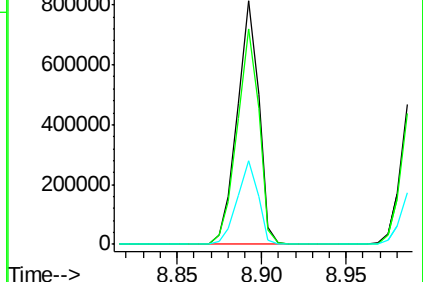
115 34.6 26.3 39.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.837 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

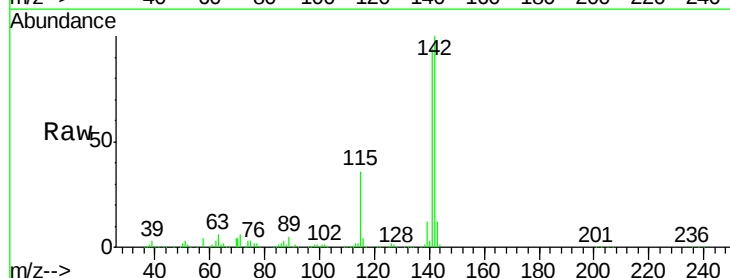
Tgt Ion:142 Resp: 686799

Ion Ratio Lower Upper

142 100

141 94.3 72.3 108.5

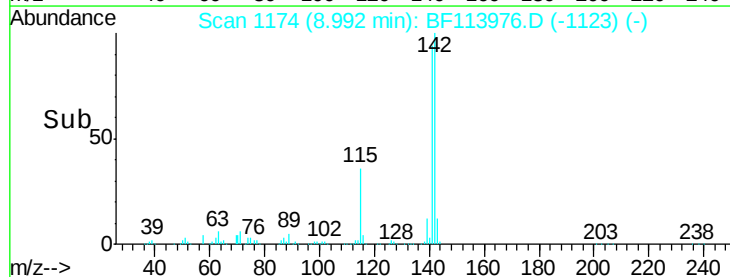
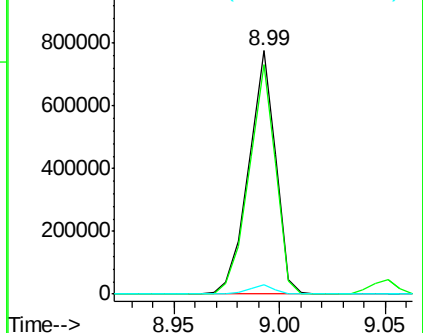
116 3.7 3.0 4.4

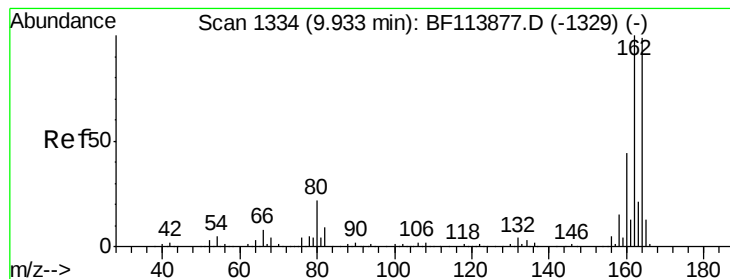


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

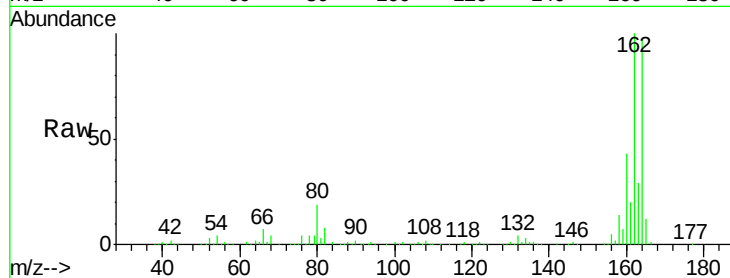
Tot Ion:164 Resp: 287230

Ion Ratio Lower Upper

164 100

162 103.0 81.1 121.7

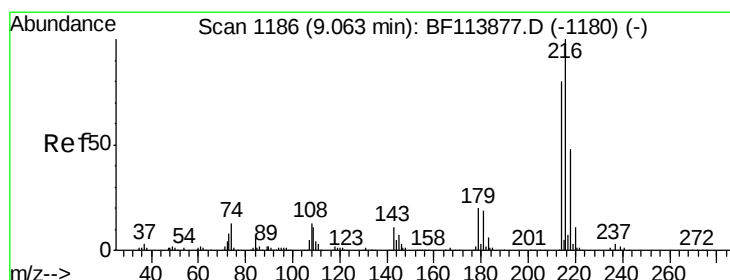
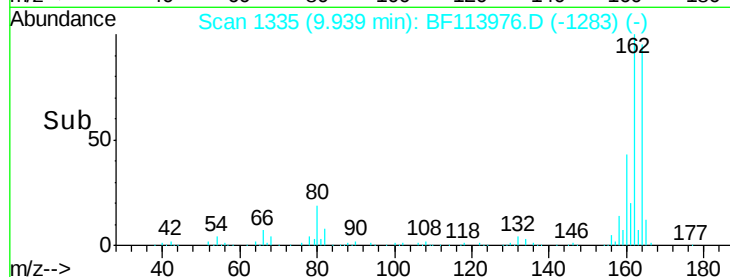
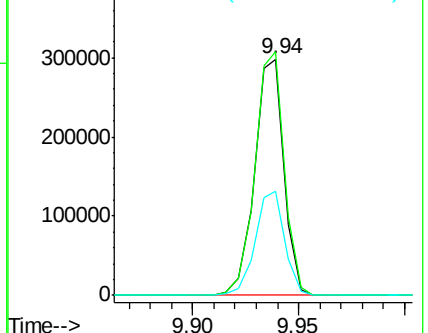
160 44.0 35.8 53.6



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: 40.369 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Tgt Ion:216 Resp: 376646

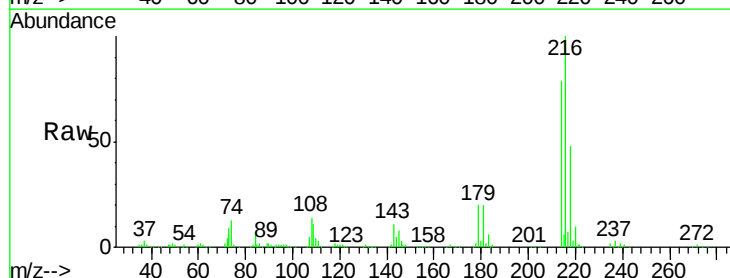
Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 20.8 16.1 24.1

108 17.6 13.4 20.0

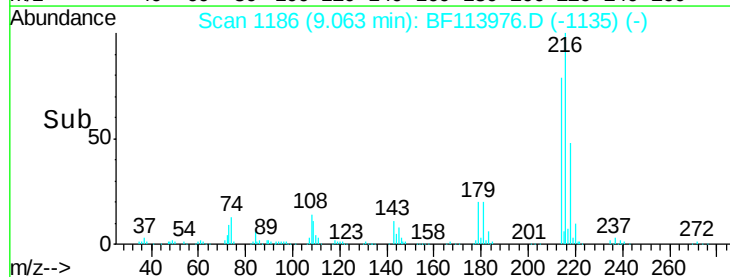
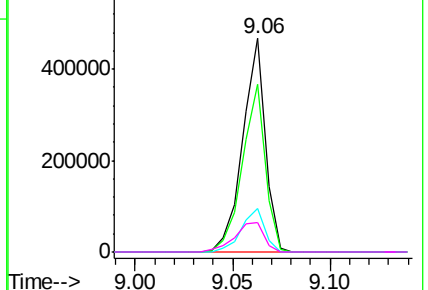


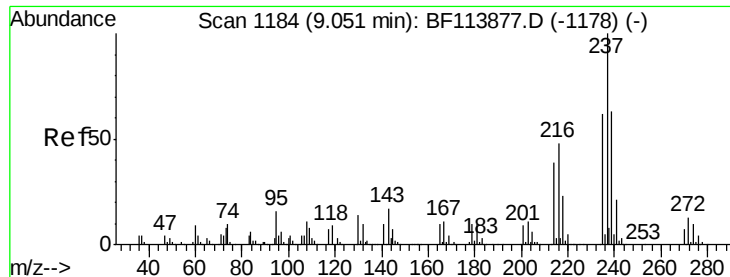
Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.128 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

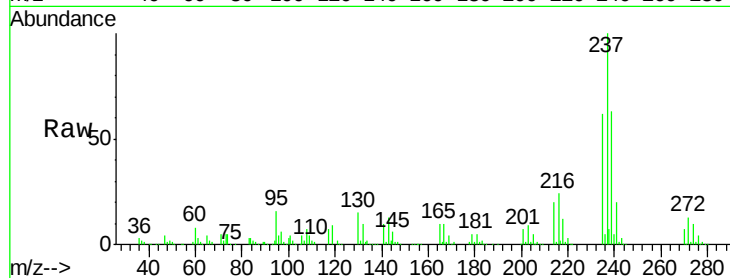
Tot Ion:237 Resp: 380476

Ion Ratio Lower Upper

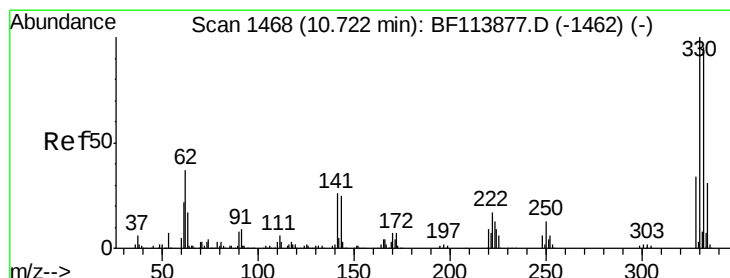
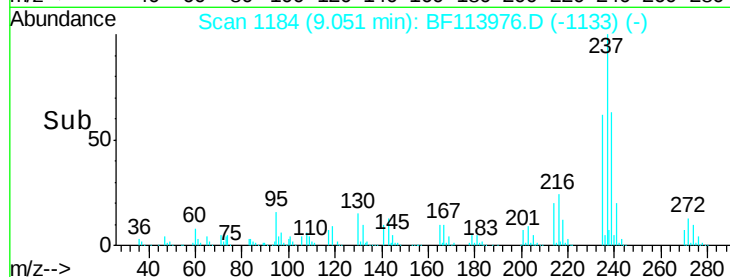
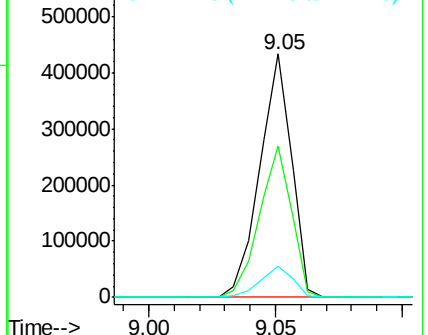
237 100

235 62.1 42.6 82.6

272 12.7 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: 131.632 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

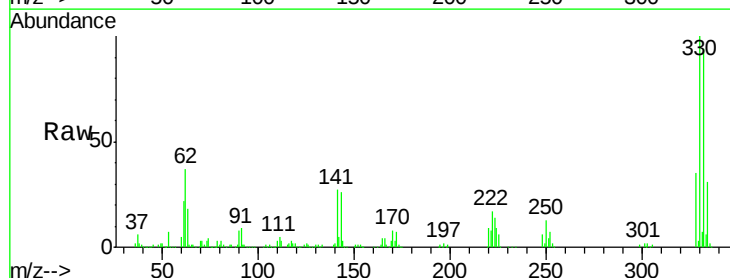
Tgt Ion:330 Resp: 460586

Ion Ratio Lower Upper

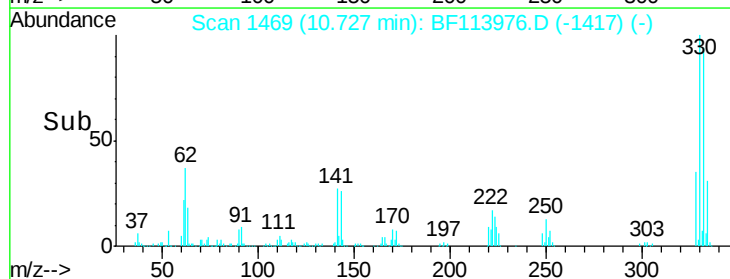
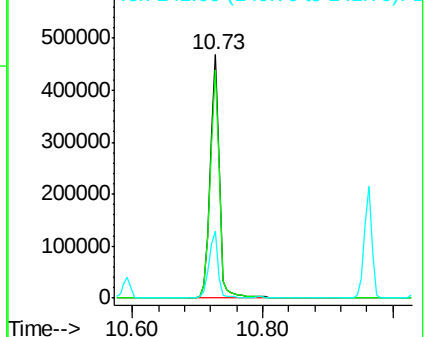
330 100

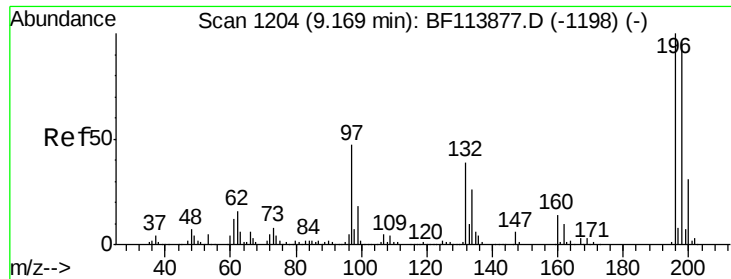
332 95.1 77.5 116.3

141 27.2 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

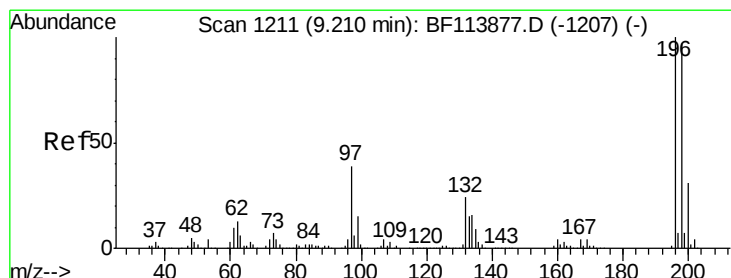
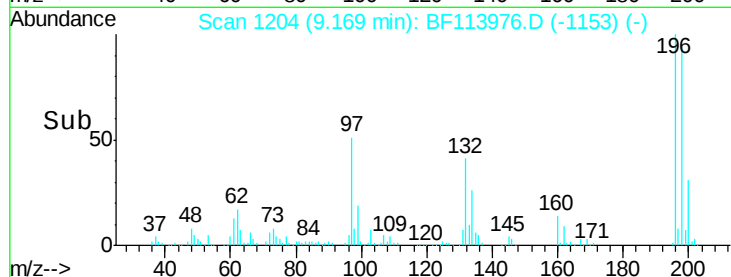
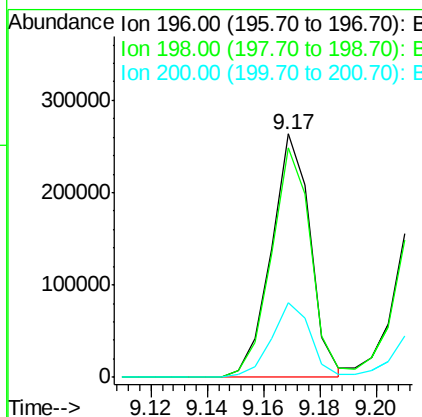
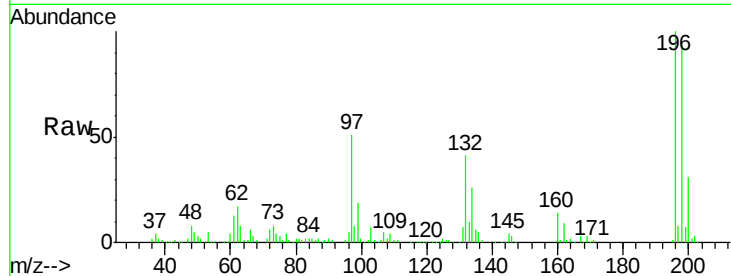




#43
 2,4,6-Trichlorophenol
 Concen: 42.606 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

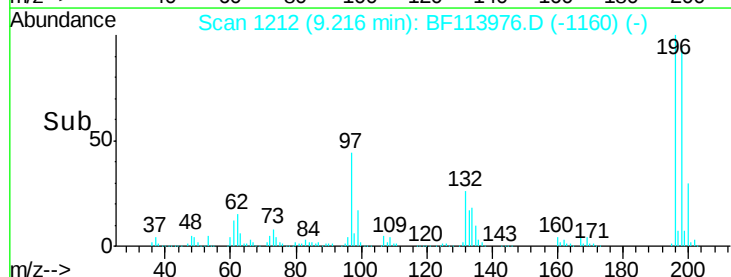
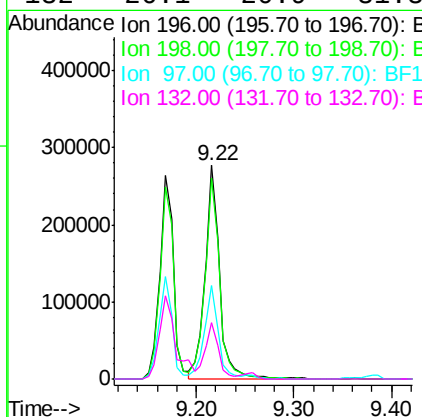
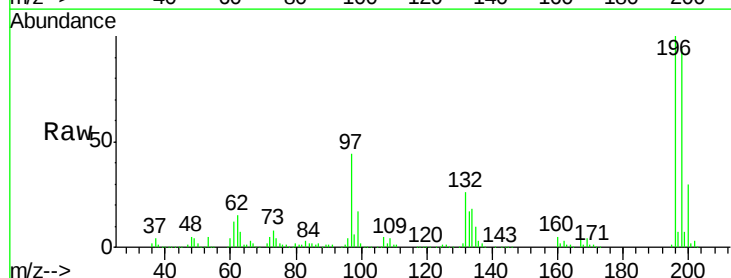
Instrument :
 BNA_F
 ClientSampled :

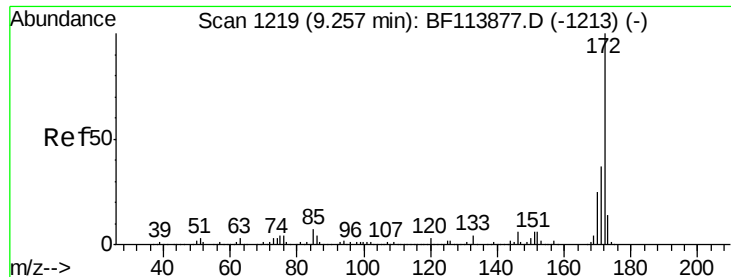
Tot Ion:196 Resp: 252426
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.6 113.4
 200 30.5 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 42.848 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Tgt Ion:196 Resp: 284739
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.2 114.4
 97 43.7 35.8 53.8
 132 26.1 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 85.104 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

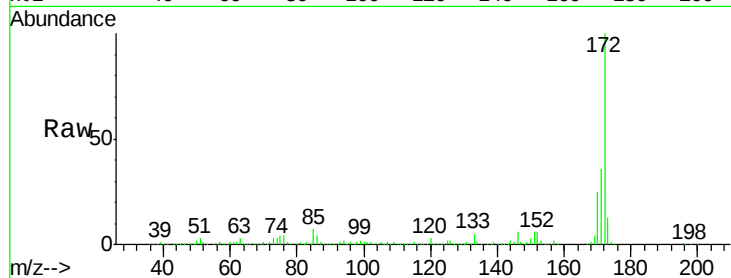
Tot Ion:172 Resp: 1562909

Ion Ratio Lower Upper

172 100

171 36.4 29.4 44.0

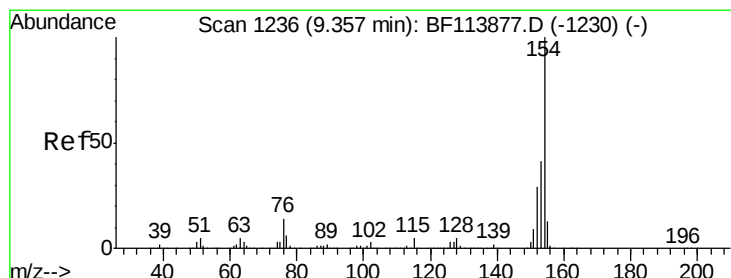
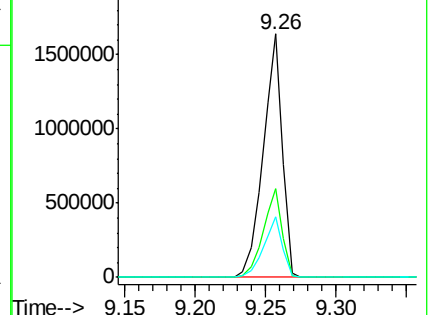
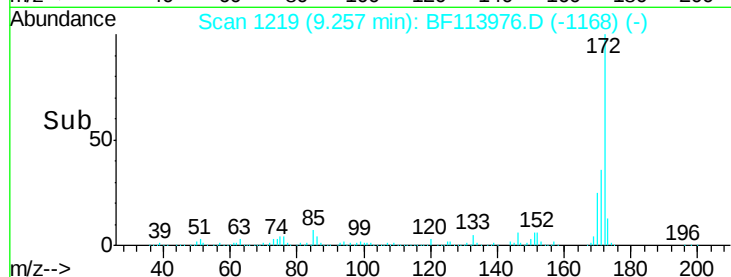
170 24.7 19.9 29.9



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: 41.528 ng

RT: 9.36 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

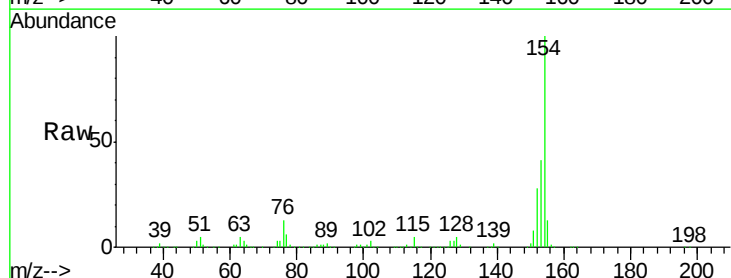
Tgt Ion:154 Resp: 911226

Ion Ratio Lower Upper

154 100

153 41.1 20.8 60.8

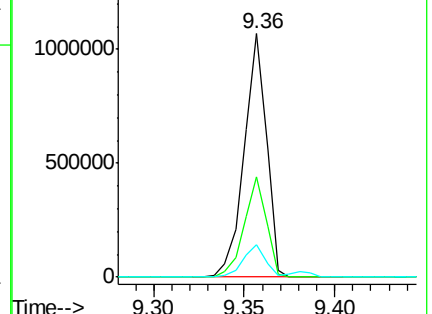
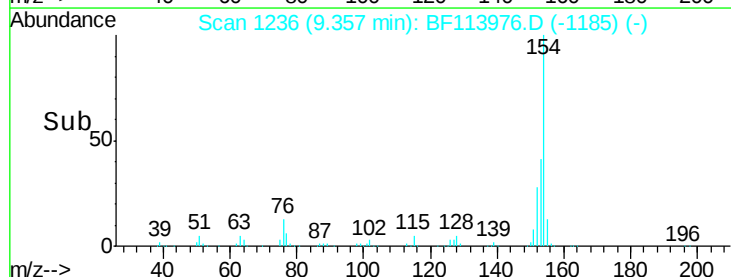
76 13.3 0.0 35.2

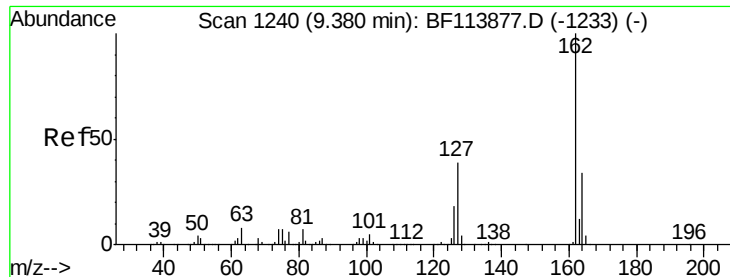


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

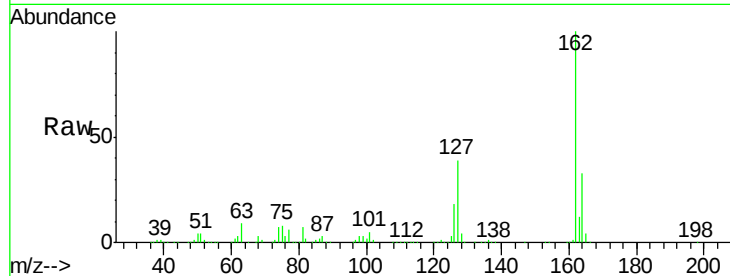




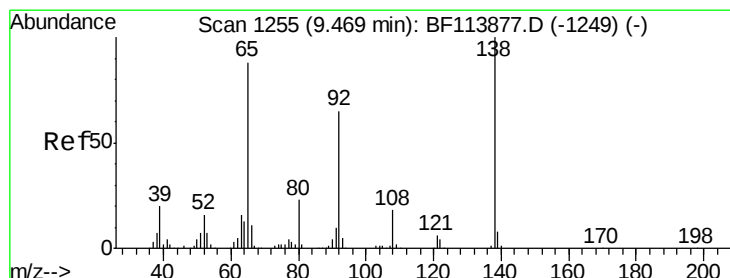
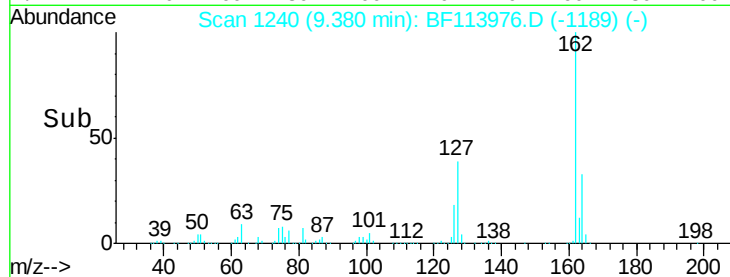
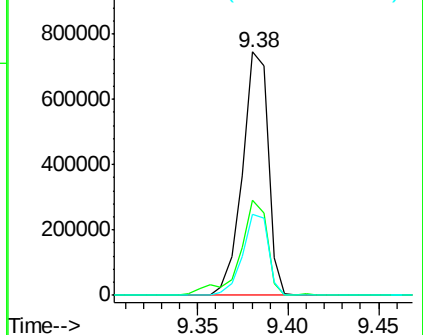
#47
 2-Chloronaphthalene
 Concen: 41.136 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	29.3	43.9
164	33.4	27.1	40.7

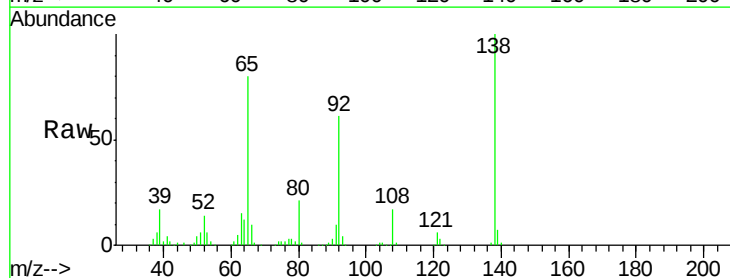


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

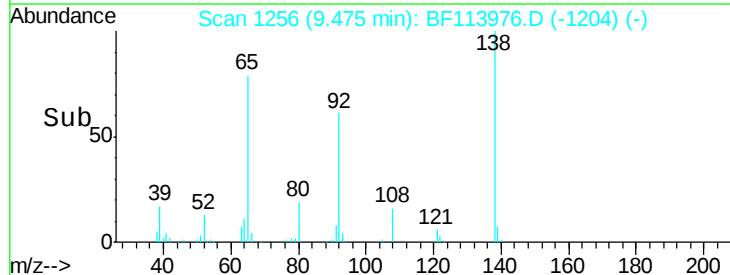
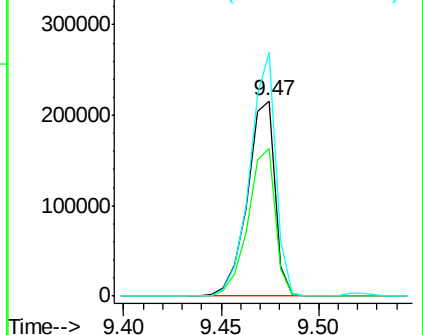


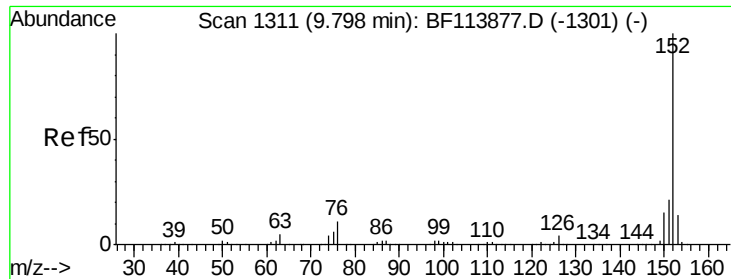
#48
 2-Nitroaniline
 Concen: 45.108 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.5	57.4	86.0
138	124.6	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: 40.499 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

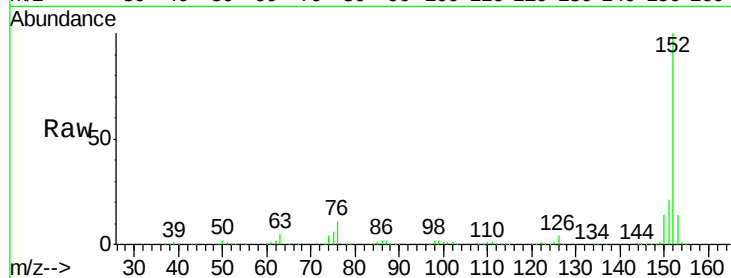
Tot Ion:152 Resp: 1131324

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.4

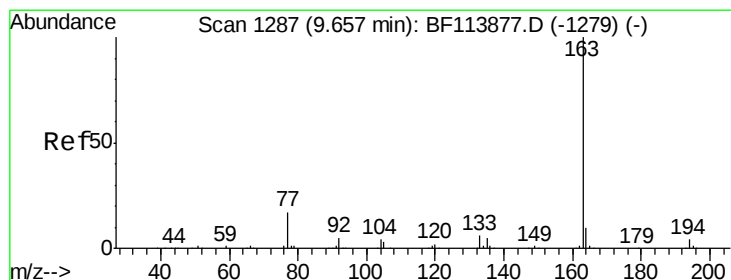
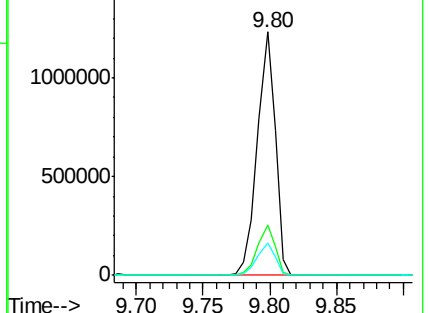
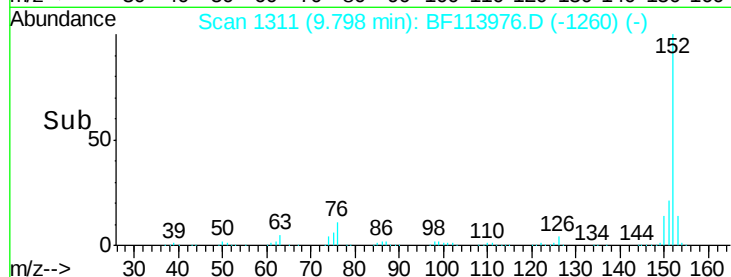
153 13.5 11.0 16.6



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: 42.104 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

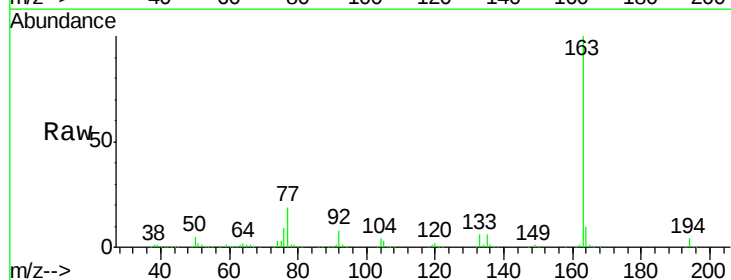
Tgt Ion:163 Resp: 874626

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

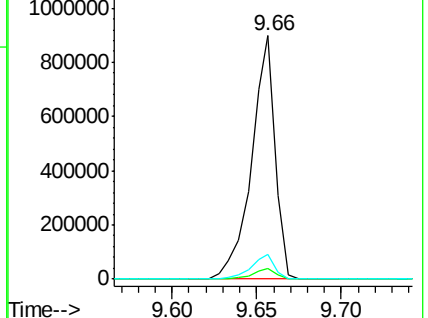
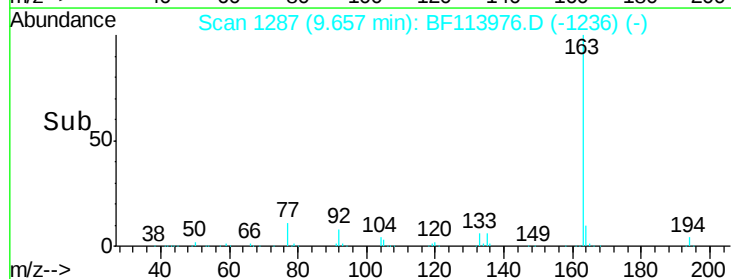
164 10.1 8.5 12.7

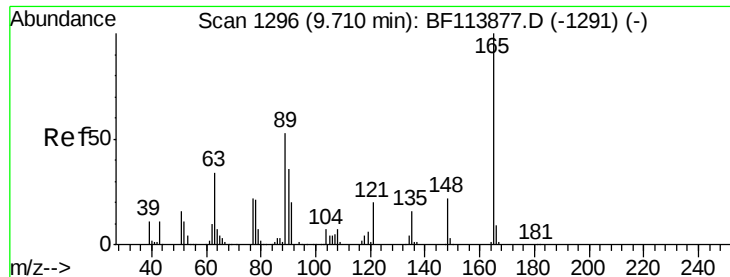


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

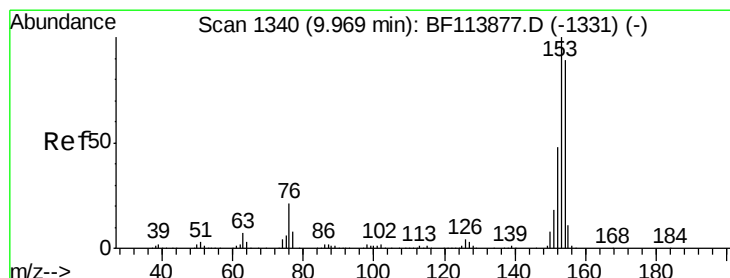
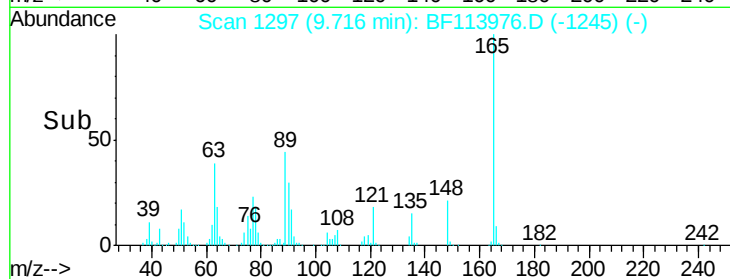
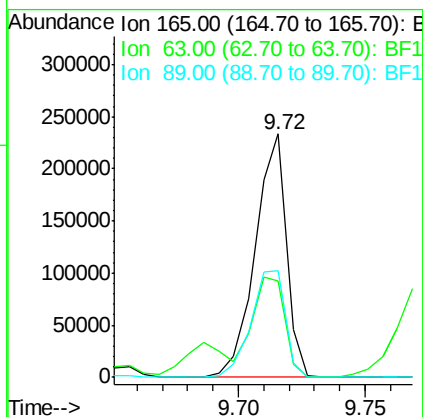
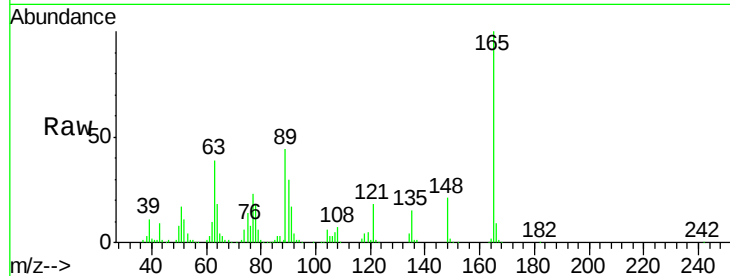




#51
 2,6-Dinitrotoluene
 Concen: 45.111 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

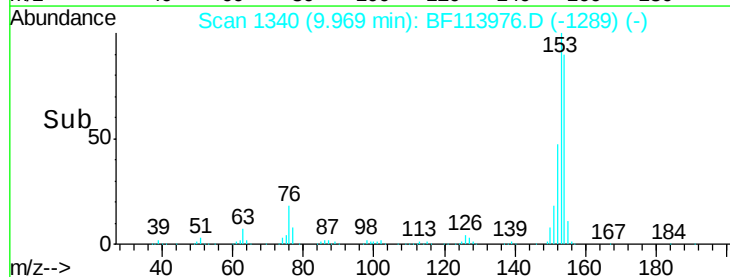
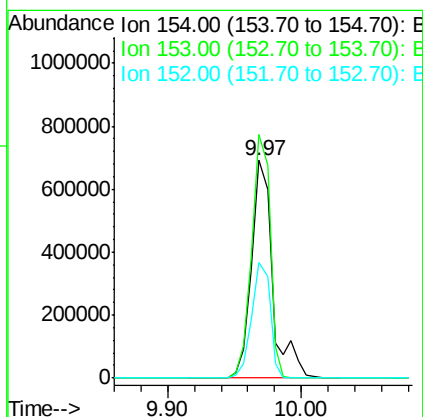
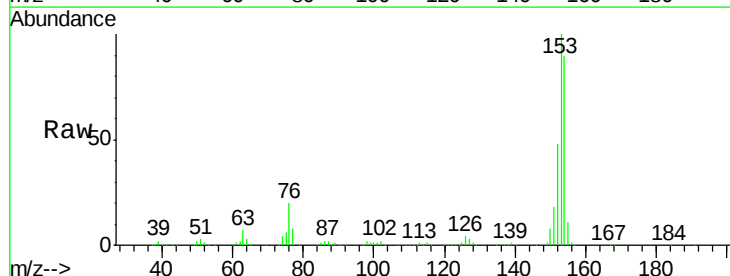
Instrument :
 BNA_F
 ClientSampleId :

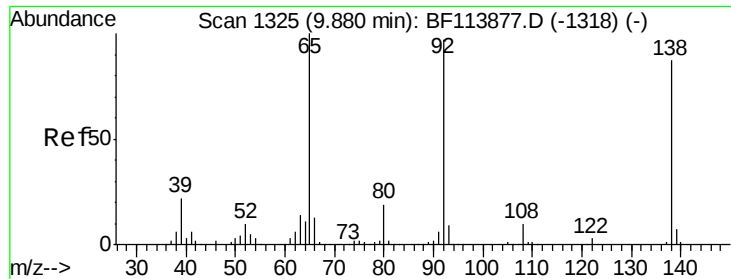
Tot Ion:165 Resp: 201042
 Ion Ratio Lower Upper
 165 100
 63 39.4 33.8 50.8
 89 43.8 38.2 57.2



#52
 Acenaphthene
 Concen: 45.369 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Tgt Ion:154 Resp: 748997
 Ion Ratio Lower Upper
 154 100
 153 111.7 87.2 130.8
 152 53.2 42.3 63.5

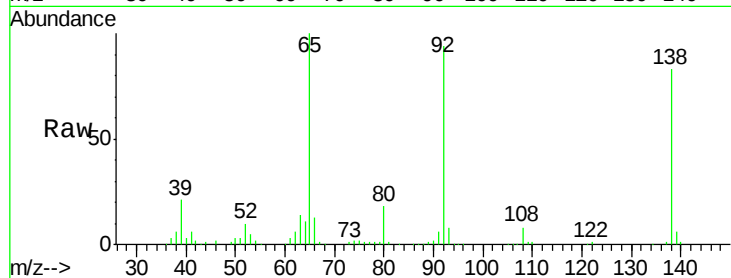




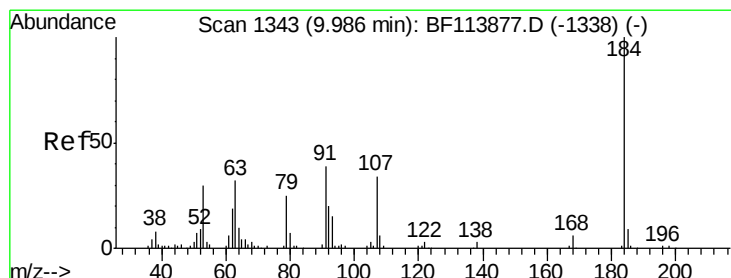
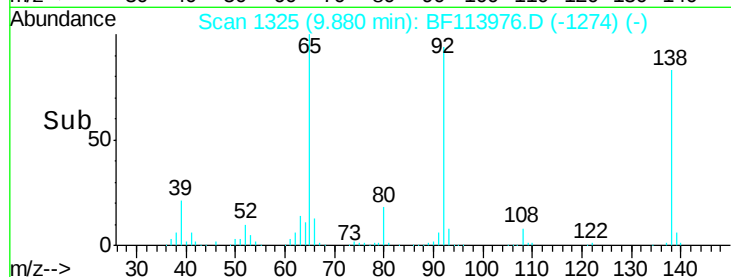
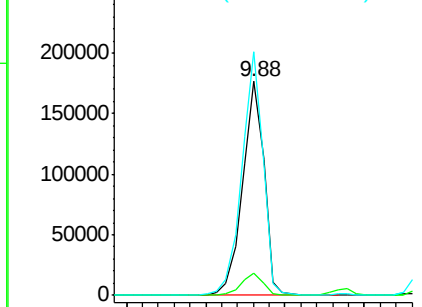
#53
3-Nitroaniline
Concen: 35.250 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 165076
Ion Ratio Lower Upper
138 100
108 10.2 9.4 14.2
92 113.8 94.1 141.1

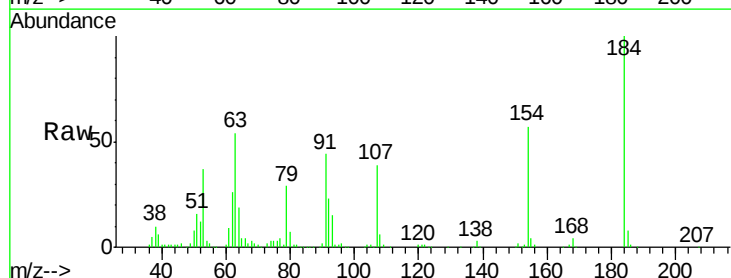


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

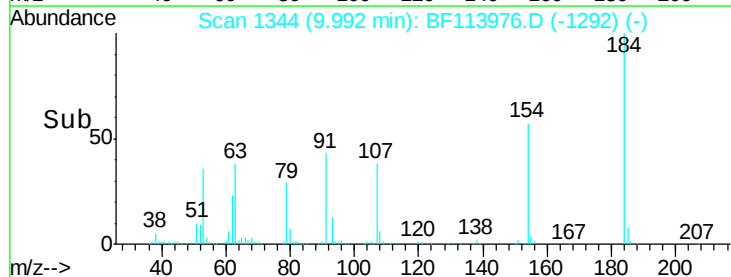
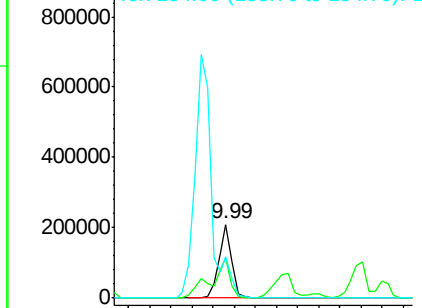


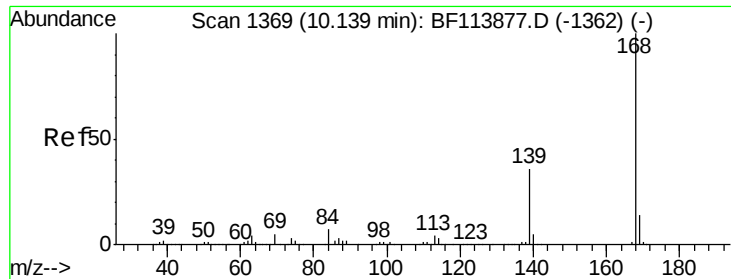
#54
2,4-Dinitrophenol
Concen: 93.566 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion:184 Resp: 183446
Ion Ratio Lower Upper
184 100
63 53.8 54.6 81.8#
154 57.0 218.6 328.0#



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

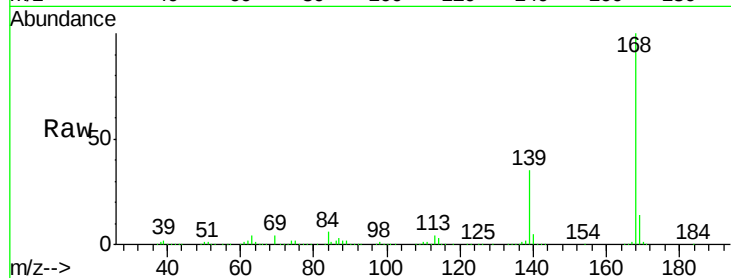




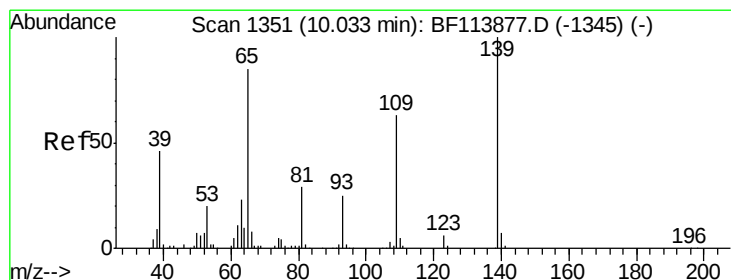
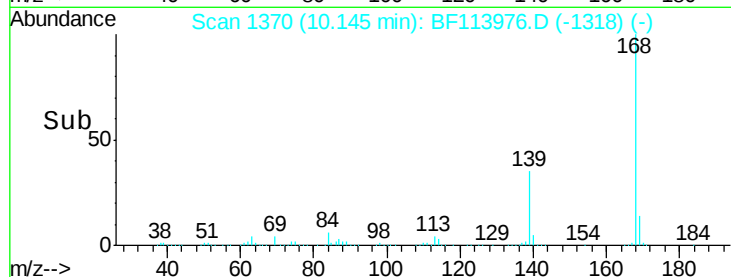
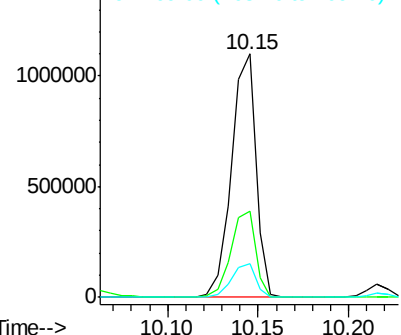
#55
Dibenzofuran
Concen: 41.767 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1032869
Ion Ratio Lower Upper
168 100
139 35.5 27.8 41.6
169 13.6 11.0 16.6

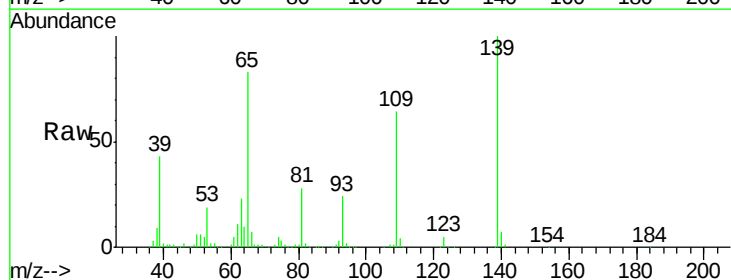


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

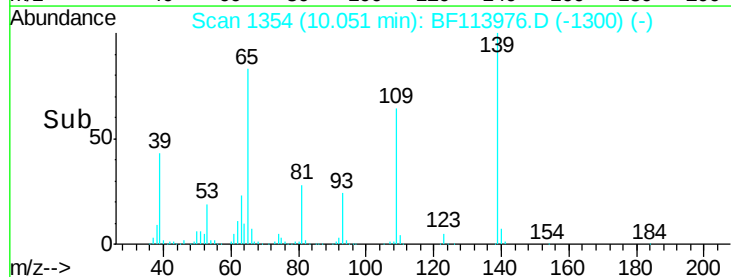
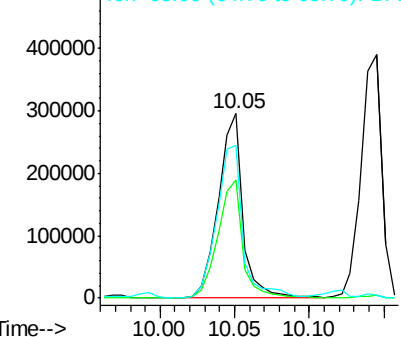


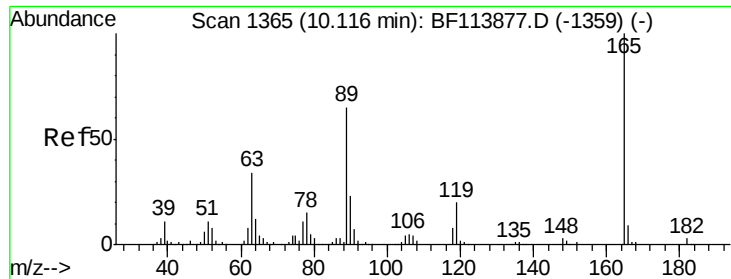
#56
4-Nitrophenol
Concen: 92.099 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.02 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion:139 Resp: 341498
Ion Ratio Lower Upper
139 100
109 64.2 42.9 82.9
65 82.7 64.4 104.4



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

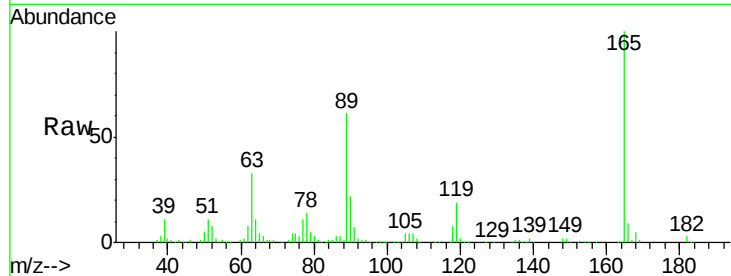




#57
2,4-Dinitrotoluene
Concen: 48.356 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		272008		
63	33.4		27.4	41.0	
89	61.3		51.8	77.6	
182	2.8		2.2	3.2	

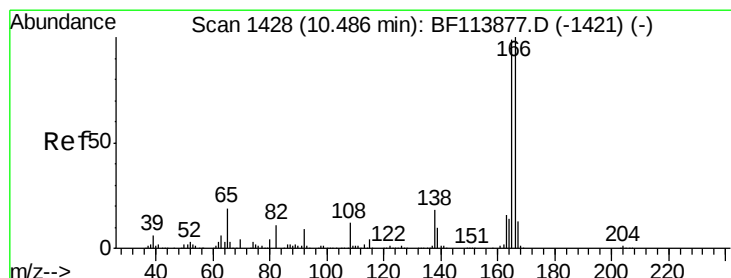
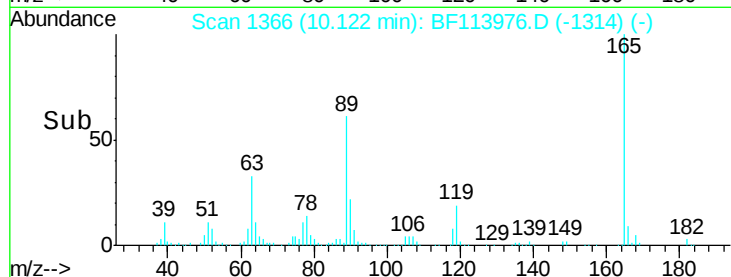
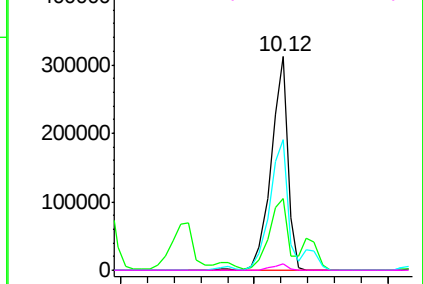


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

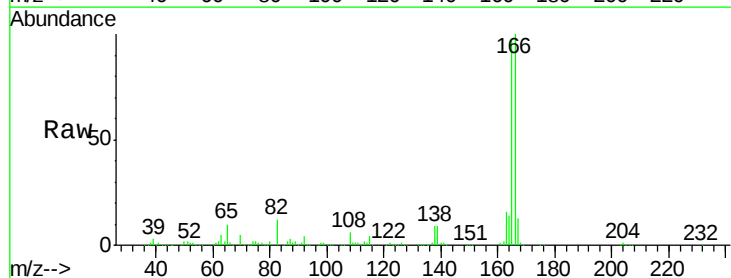
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.158 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

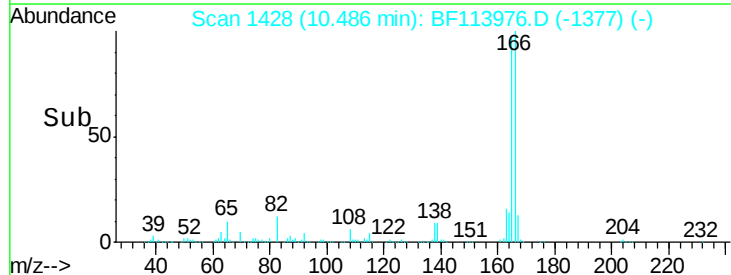
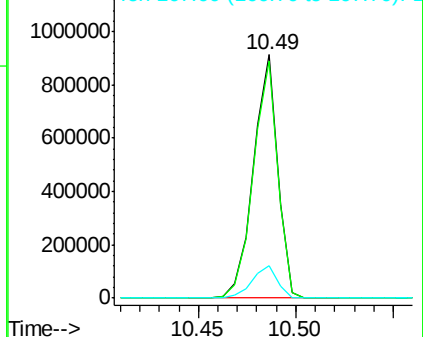
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		784897		
165	97.2		78.4	117.6	
167	13.3		10.9	16.3	

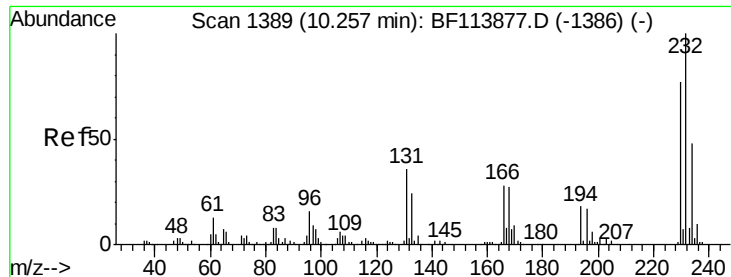


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

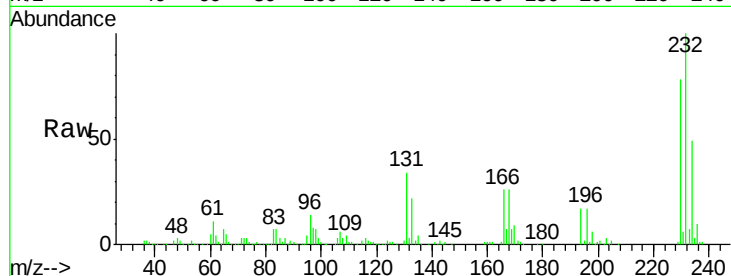




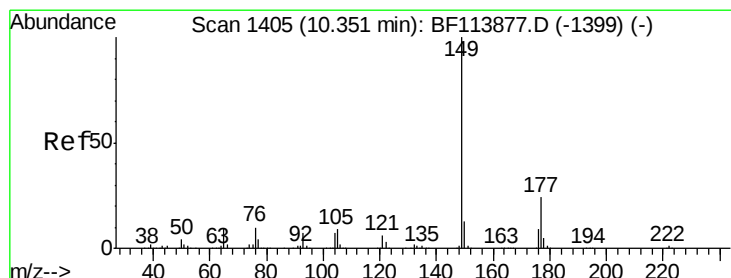
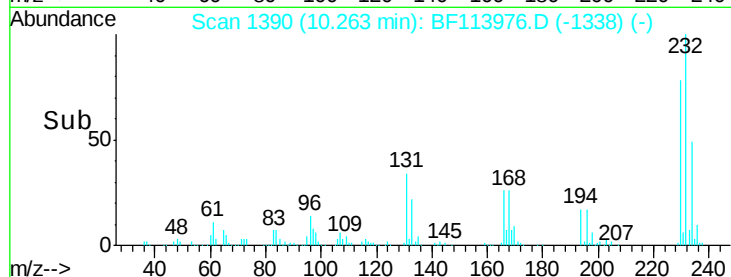
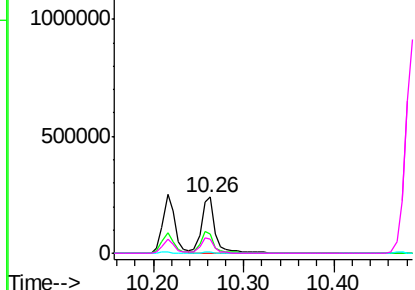
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.274 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	258552
Ion	Ratio	Lower	Upper
232	100		
131	38.5	30.2	45.2
130	1.8	1.5	2.3
166	27.1	22.2	33.4

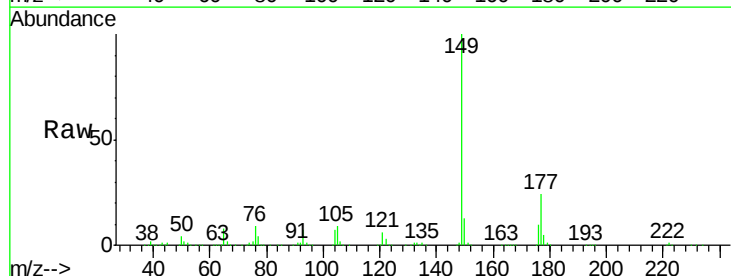


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

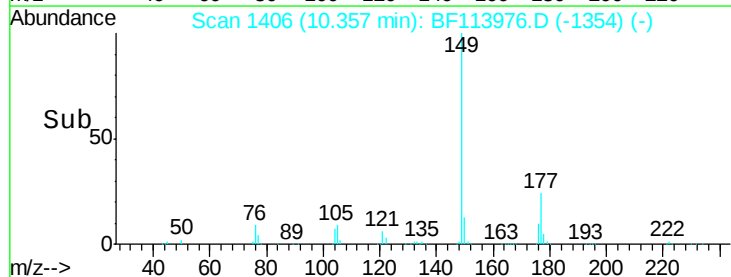
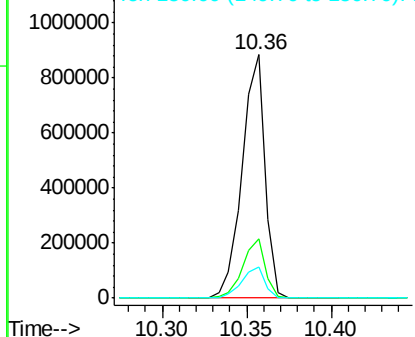


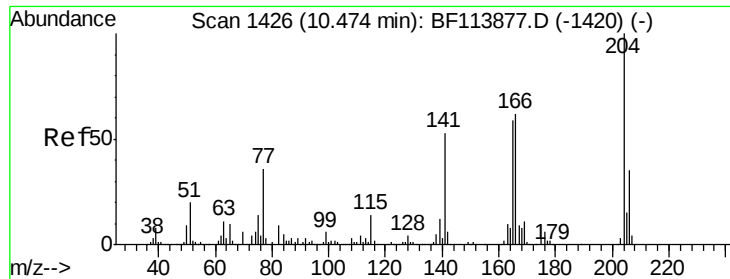
#60
 Diethylphthalate
 Concen: 42.407 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Tgt Ion:	149	Resp:	836535
Ion	Ratio	Lower	Upper
149	100		
177	24.2	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

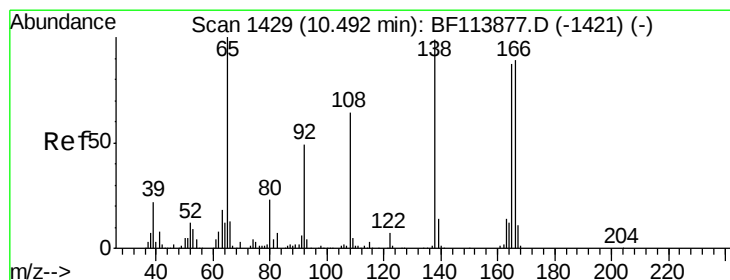
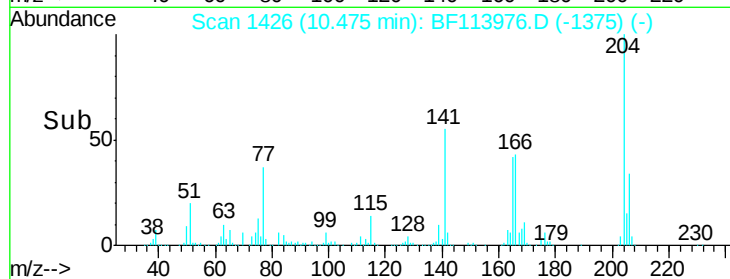
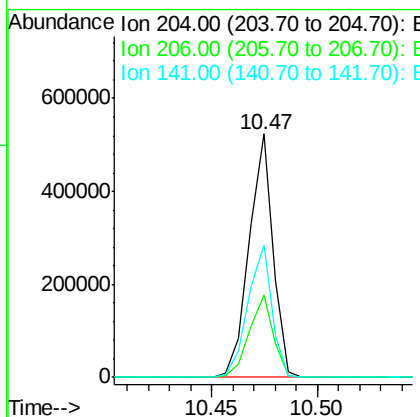
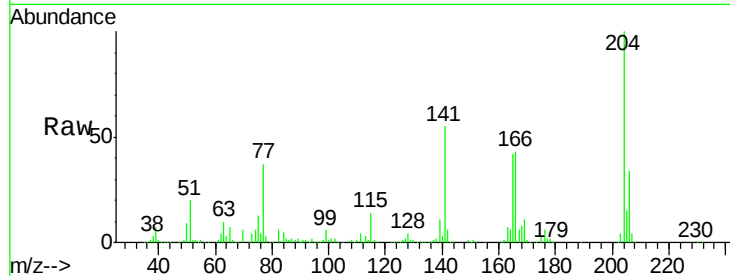




#61
4-Chlorophenyl-phenylether
Concen: 41.700 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

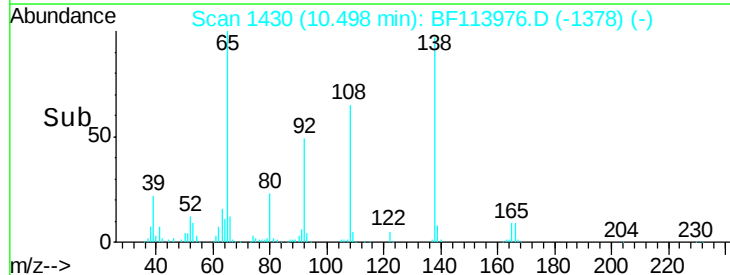
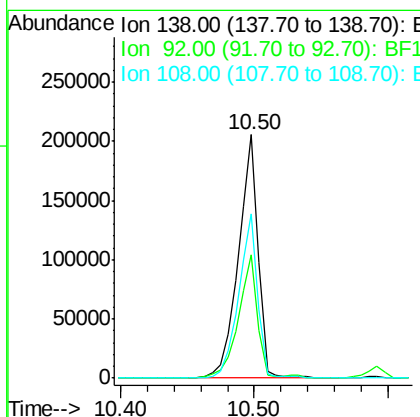
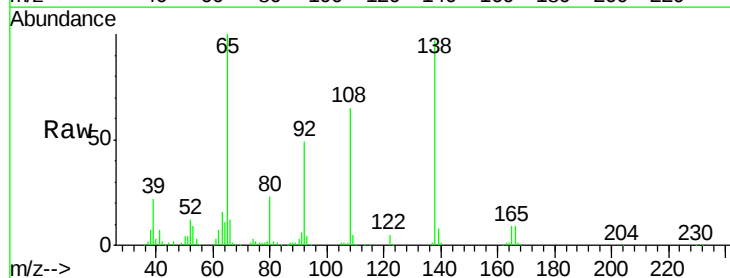
Instrument :
BNA_F
ClientSampleId :

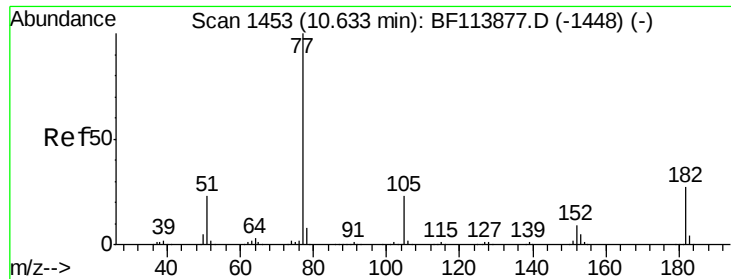
Tot Ion:204 Resp: 411164
Ion Ratio Lower Upper
204 100
206 34.1 27.4 41.2
141 54.6 42.6 63.8



#62
4-Nitroaniline
Concen: 46.332 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion:138 Resp: 211739
Ion Ratio Lower Upper
138 100
92 50.6 31.3 71.3
108 67.3 48.9 88.9





#63

Azobenzene

Concen: 41.258 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 788791

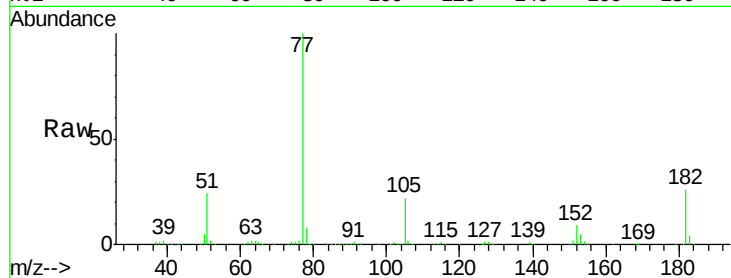
Ion Ratio Lower Upper

77 100

182 26.2 4.4 44.4

105 22.1 2.2 42.2

51 23.6 3.9 43.9

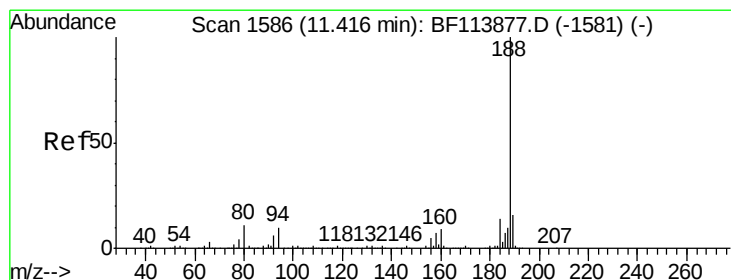
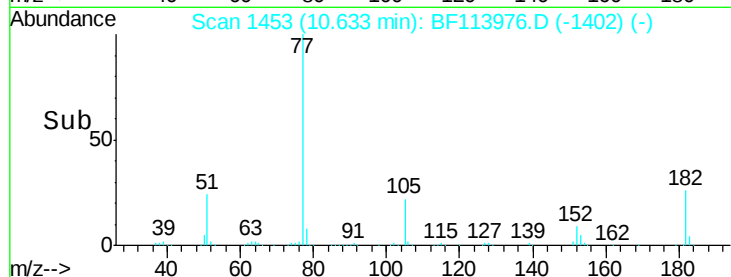
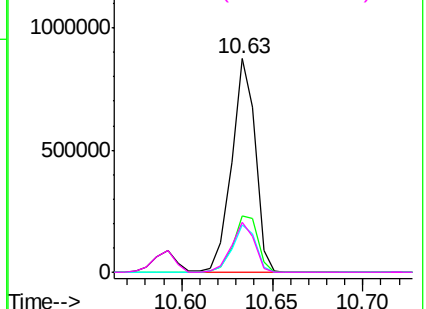


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

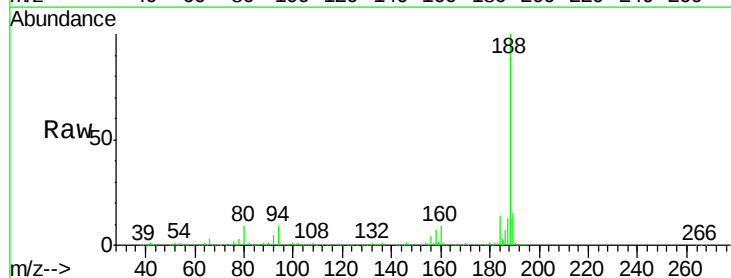
Tgt Ion: 188 Resp: 597167

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.4

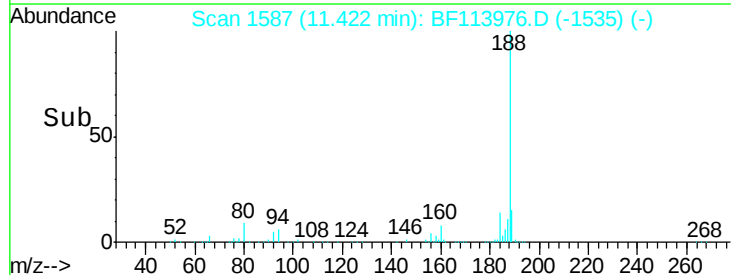
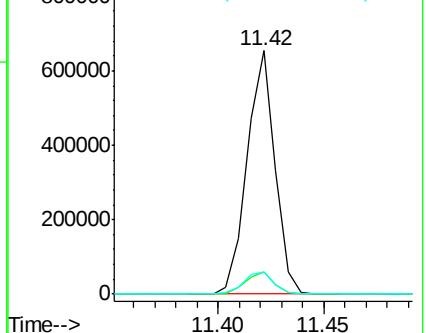
80 9.4 9.0 13.6

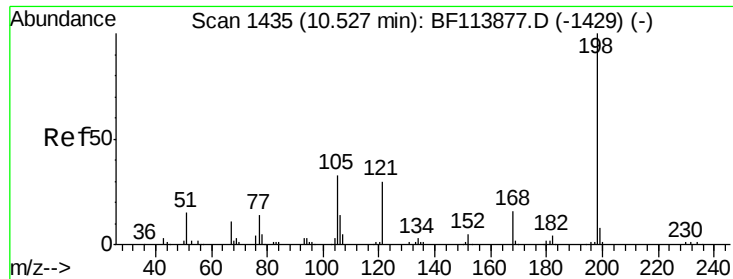


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

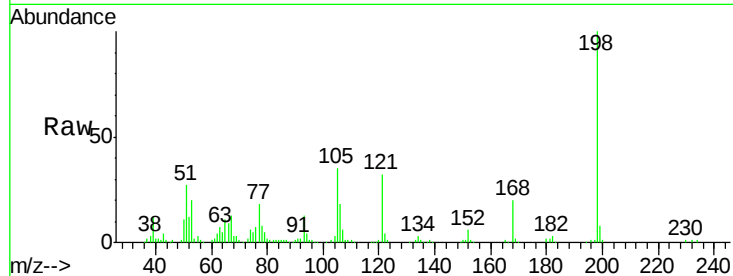




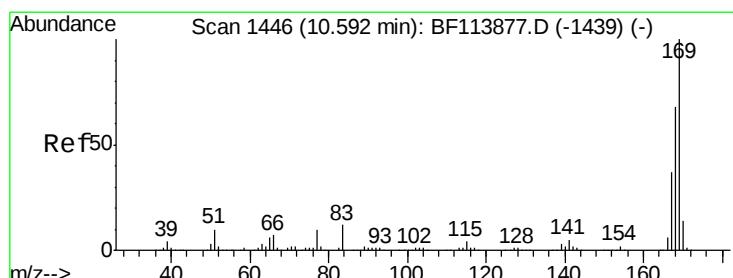
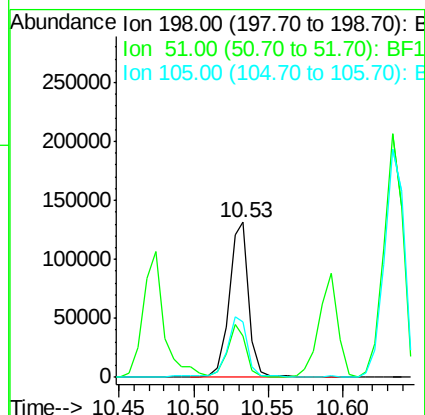
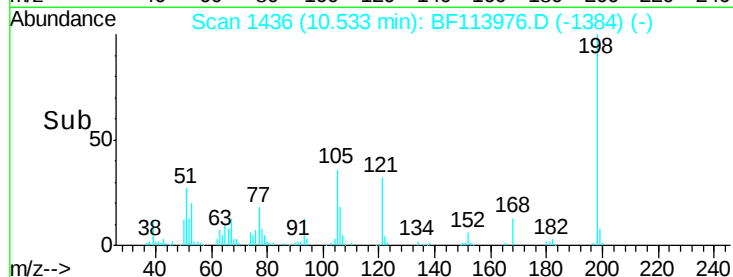
#65
4,6-Dinitro-2-methylphenol
Concen: 45.203 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 122350
Ion Ratio Lower Upper
198 100
51 26.7 11.1 51.1
105 35.5 20.7 60.7

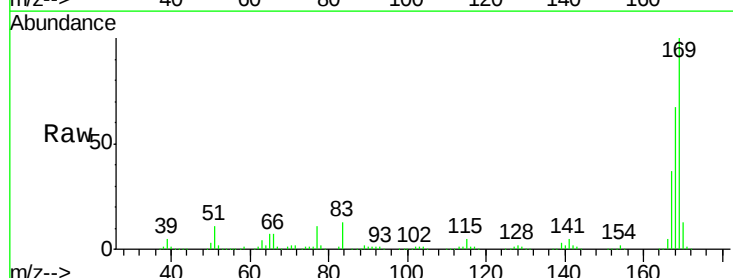


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

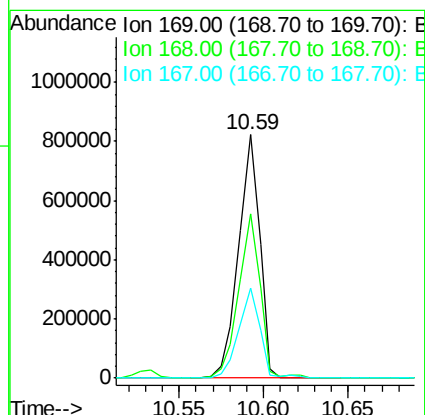
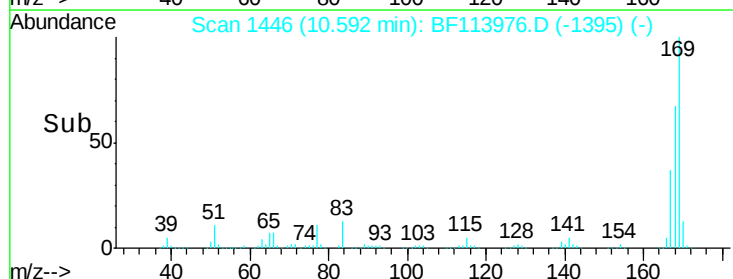


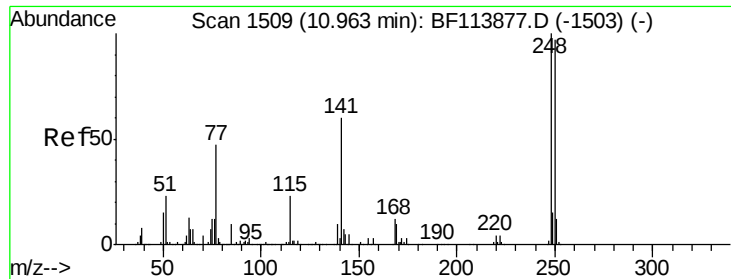
#66
n-Nitrosodiphenylamine
Concen: 40.167 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion:169 Resp: 719722
Ion Ratio Lower Upper
169 100
168 67.5 54.3 81.5
167 36.9 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

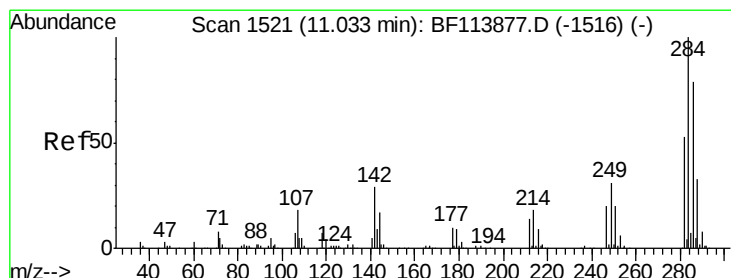
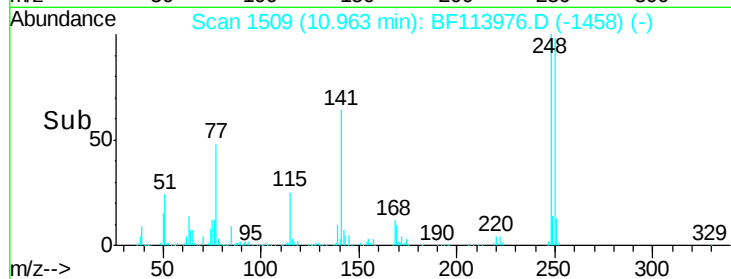
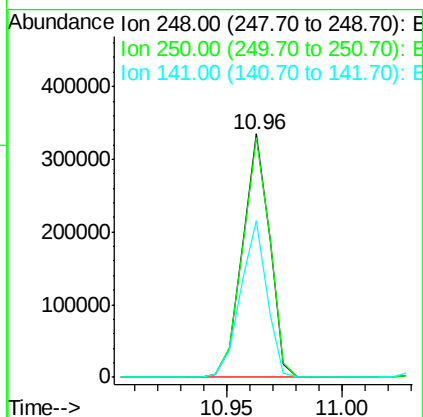
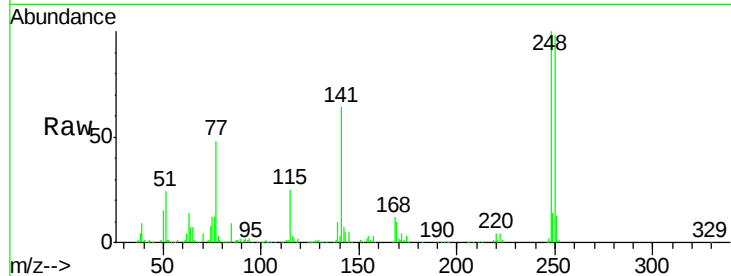




#67
4-Bromophenyl-phenylether
Concen: 38.051 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

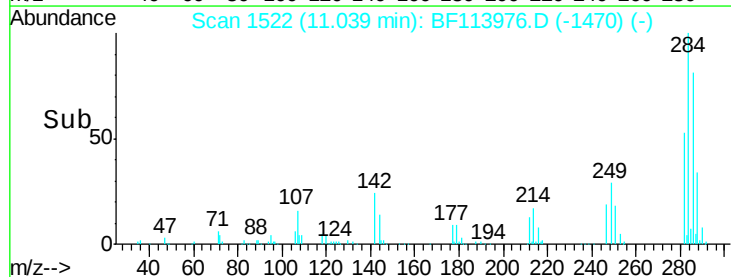
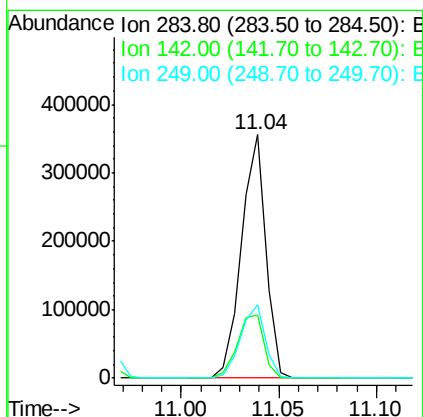
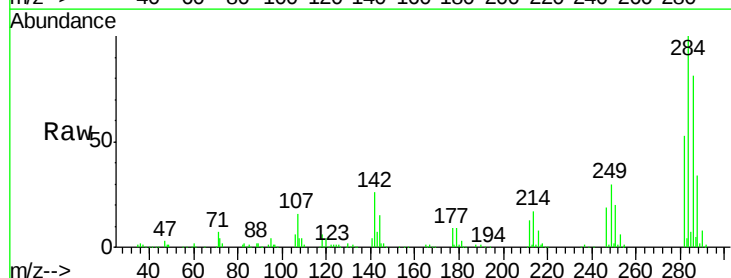
Instrument :
BNA_F
ClientSampleId :

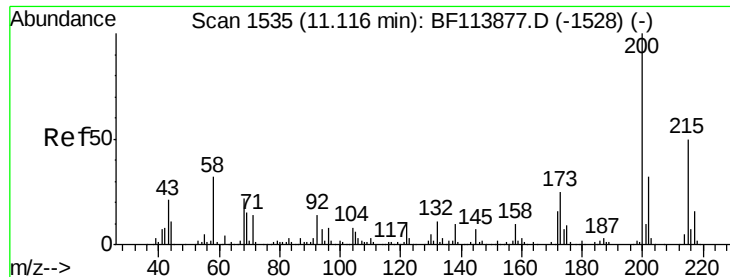
Tot Ion:248 Resp: 274501
Ion Ratio Lower Upper
248 100
250 98.2 75.8 113.6
141 64.1 50.2 75.4



#68
Hexachlorobenzene
Concen: 38.846 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion:284 Resp: 307954
Ion Ratio Lower Upper
284 100
142 25.8 23.0 34.4
249 30.3 24.4 36.6

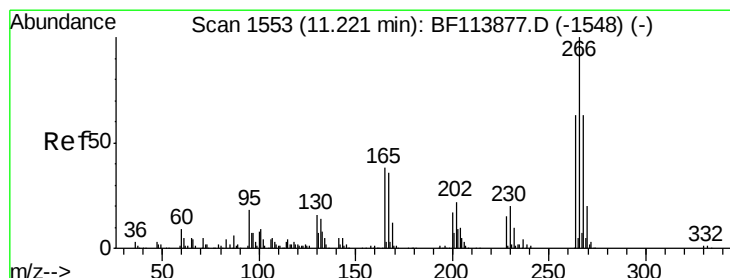
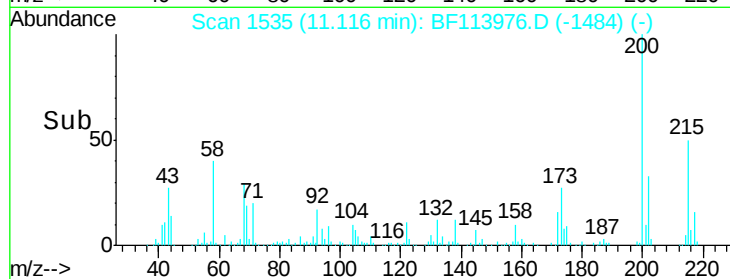
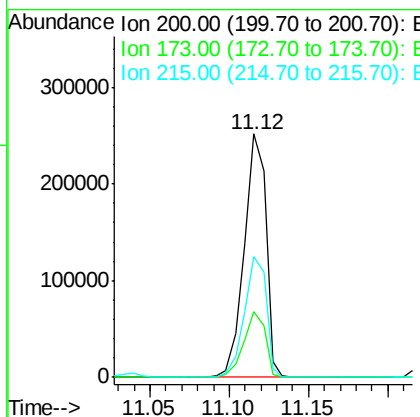
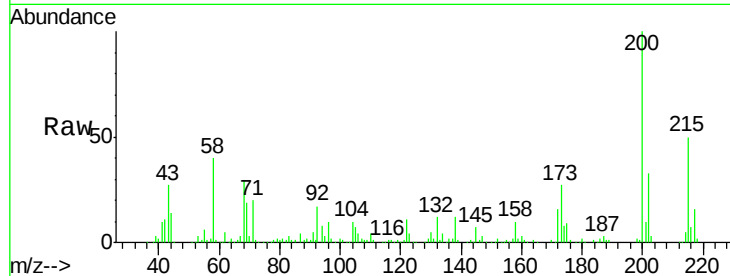




#69
 Atrazine
 Concen: 41.096 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

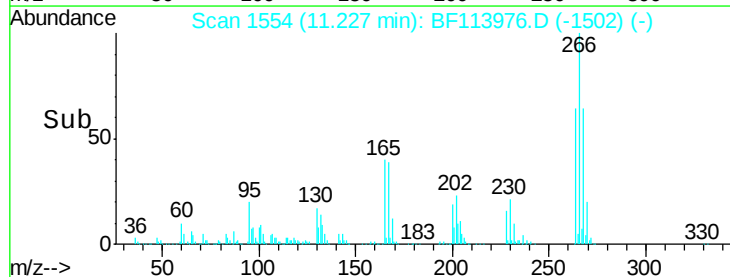
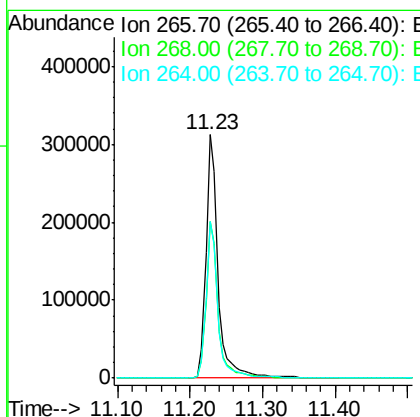
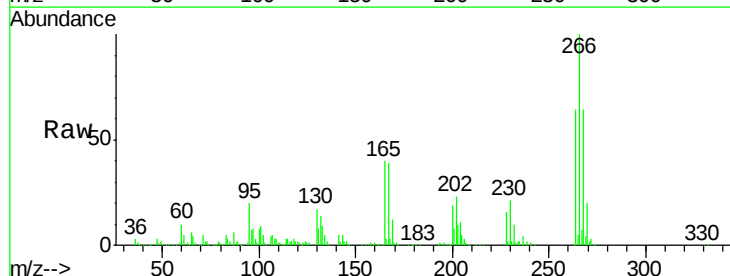
Instrument :
 BNA_F
 ClientSampleId :

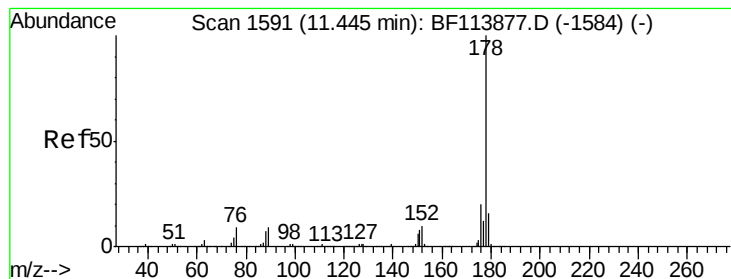
Tot Ion:200 Resp: 239540
 Ion Ratio Lower Upper
 200 100
 173 26.9 5.9 45.9
 215 49.8 29.3 69.3



#70
 Pentachlorophenol
 Concen: 81.434 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Tgt Ion:266 Resp: 365511
 Ion Ratio Lower Upper
 266 100
 268 64.2 53.5 80.3
 264 64.3 51.0 76.6





#71

Phenanthrene

Concen: 41.051 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

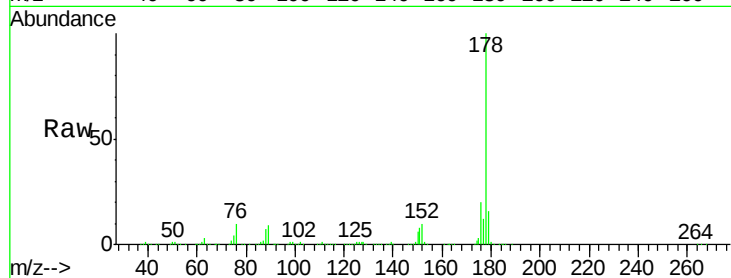
Tot Ion:178 Resp: 1231994

Ion Ratio Lower Upper

178 100

176 20.4 16.1 24.1

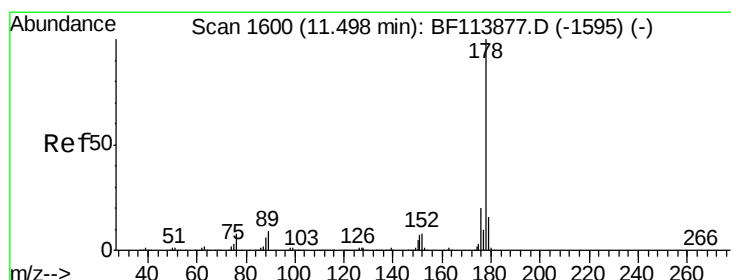
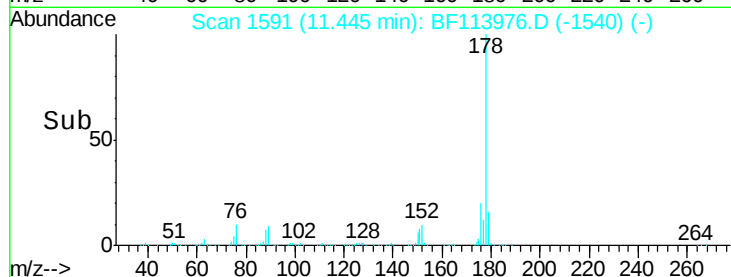
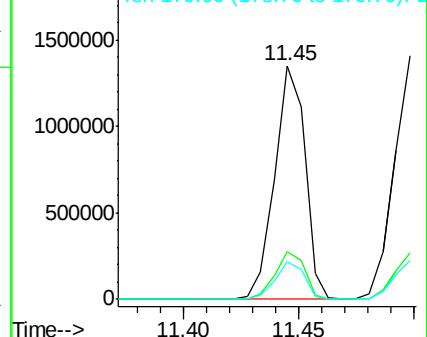
179 16.0 12.8 19.2



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: 42.376 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

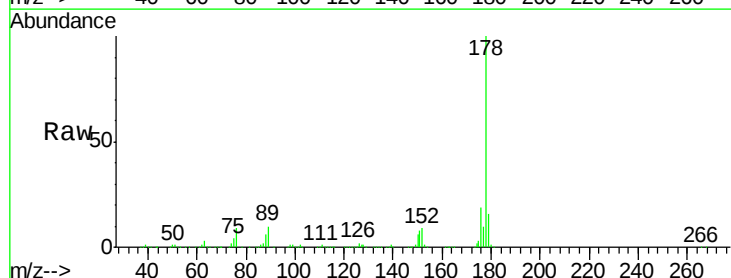
Tgt Ion:178 Resp: 1284253

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

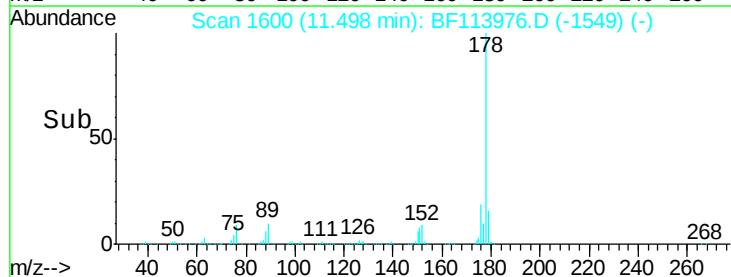
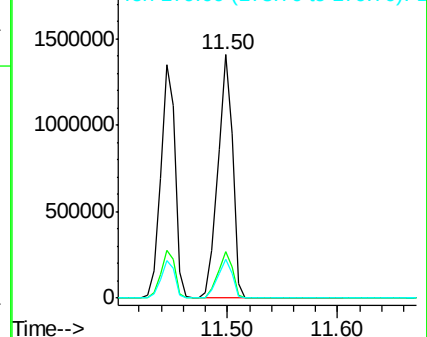
179 16.0 13.0 19.4

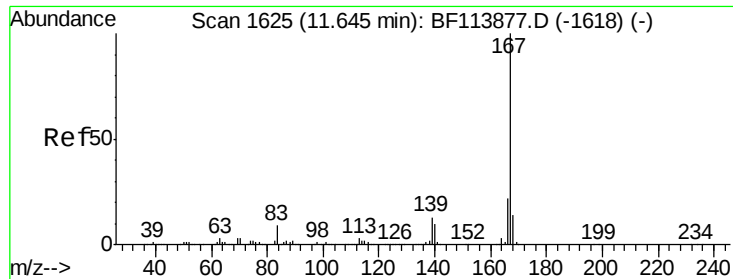


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.169 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

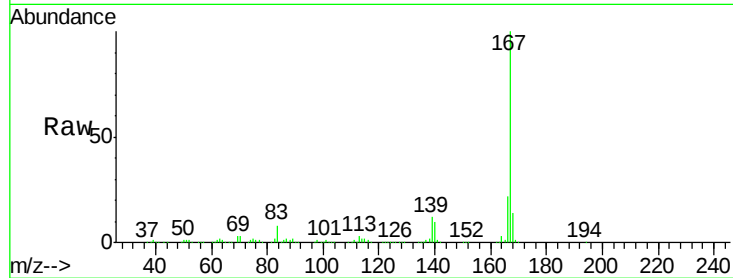
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1167178

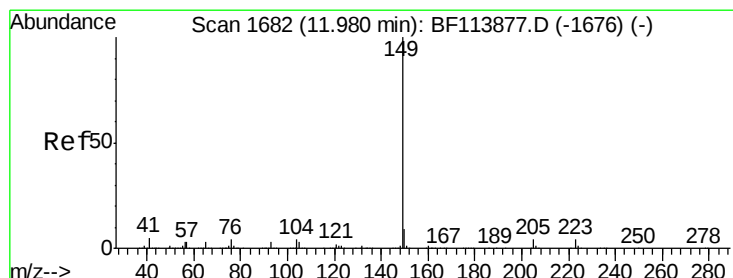
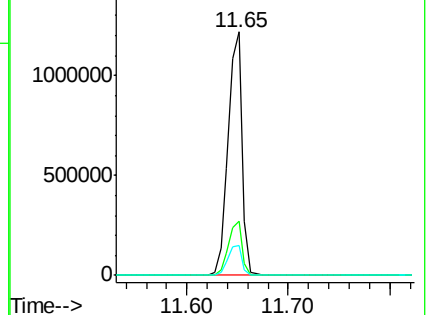
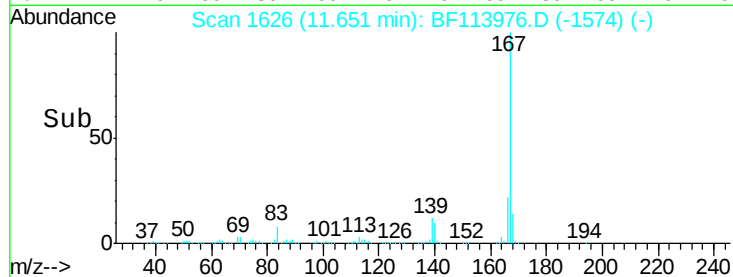
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.7	26.5
139	12.4	10.0	15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.988 ng

RT: 11.98 min Scan# 1682

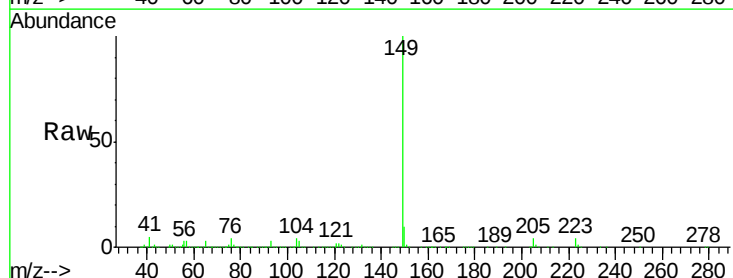
Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Tgt Ion:149 Resp: 1367234

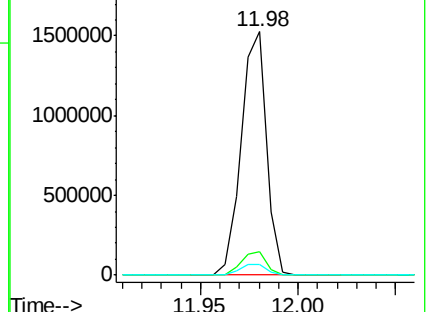
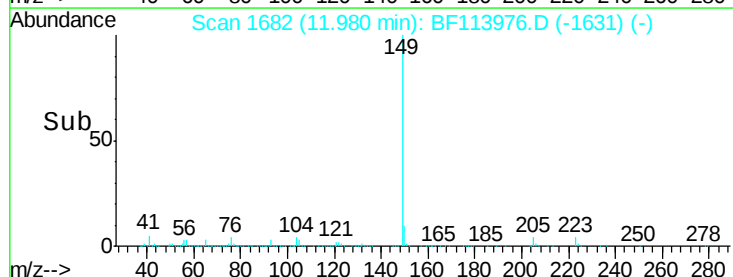
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.8
104	4.4	3.8	5.8

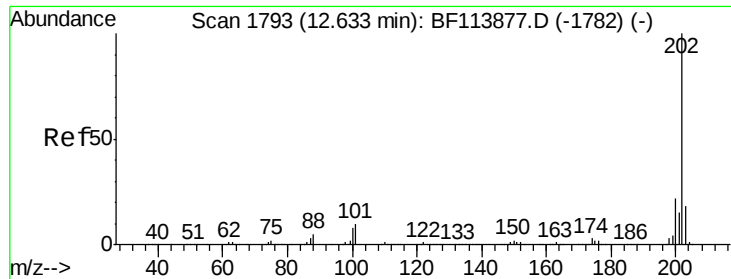


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



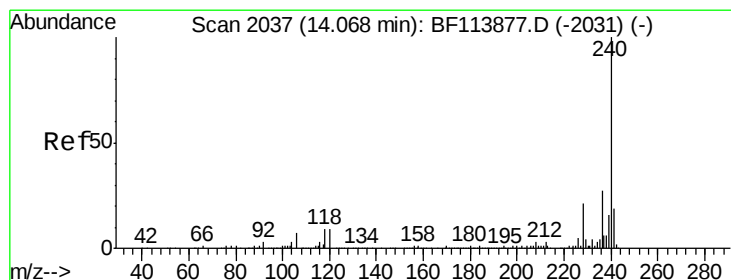
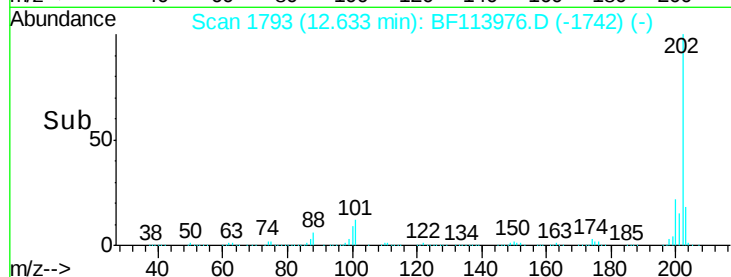
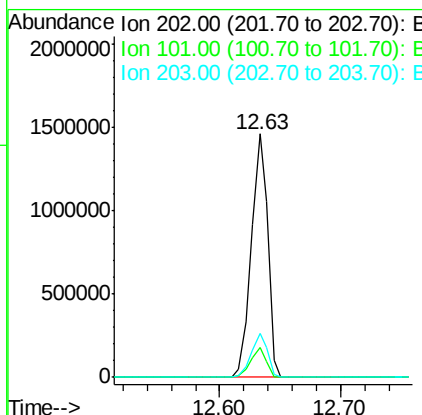
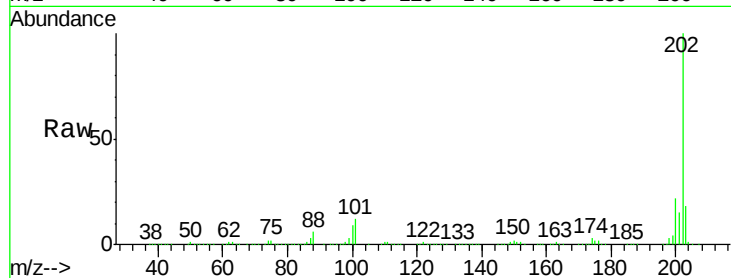


#75
 Fluoranthene
 Concen: 42.467 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1390488

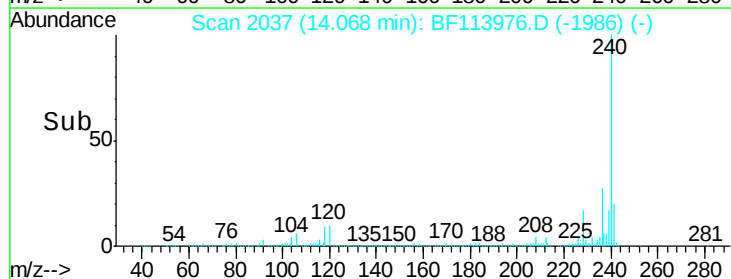
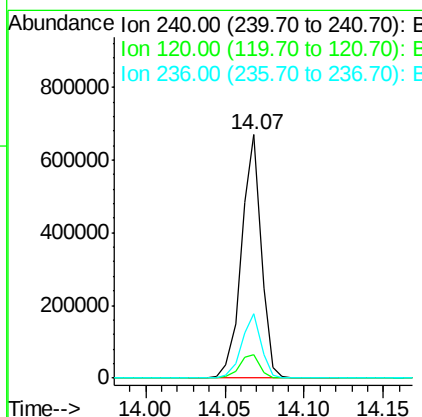
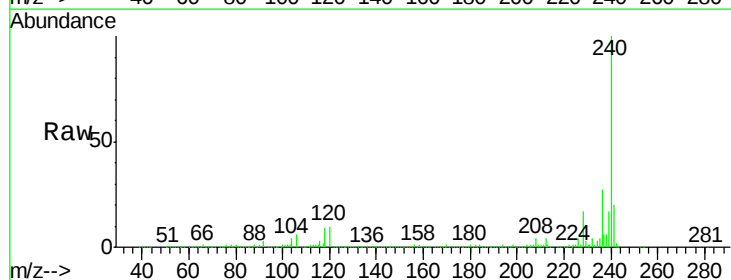
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.9
203	18.0	0.0	38.2

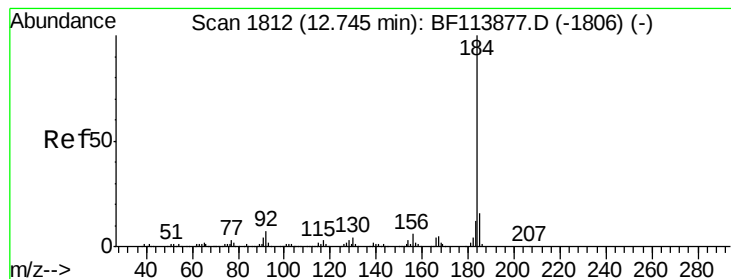


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Tgt Ion:240 Resp: 576342

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.3	13.9
236	26.7	21.2	31.8





#77

Benzidine

Concen: 29.469 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

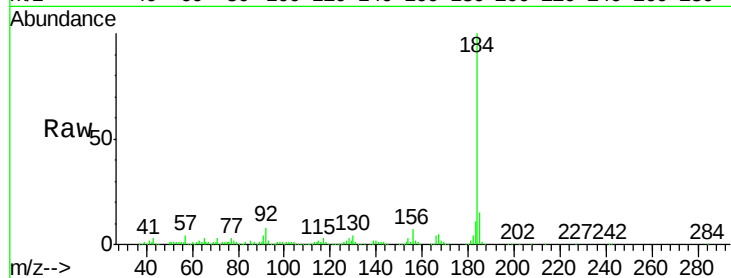
Tot Ion:184 Resp: 506054

Ion Ratio Lower Upper

184 100

185 14.6 13.0 19.6

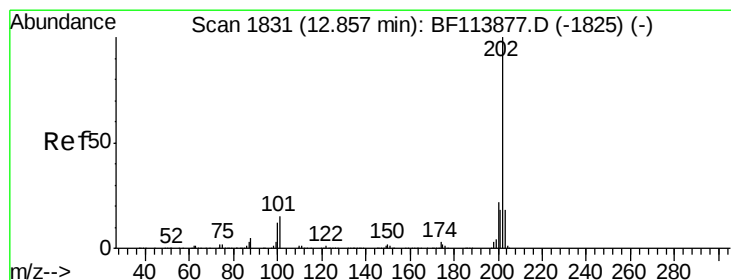
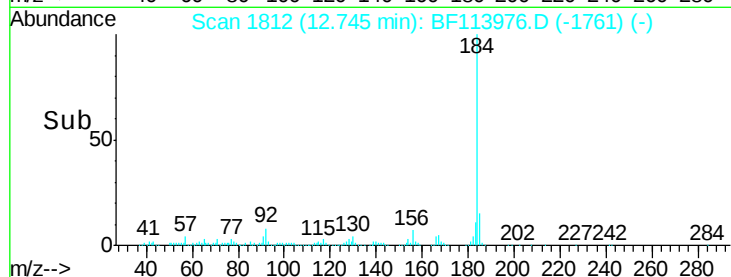
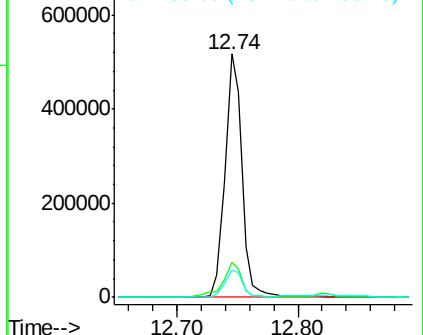
183 11.5 9.4 14.0



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: 33.898 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

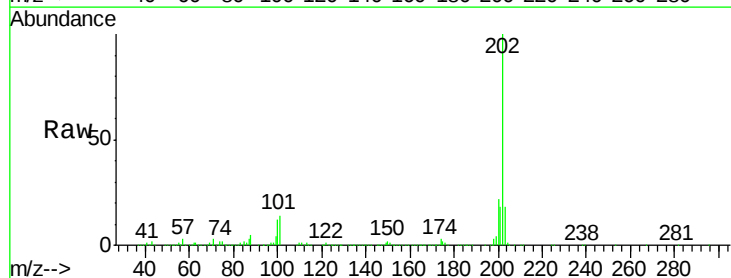
Tgt Ion:202 Resp: 1366224

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

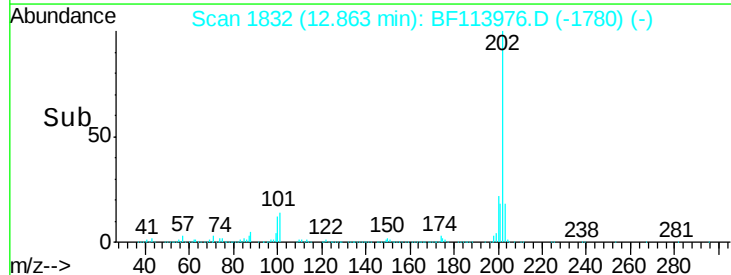
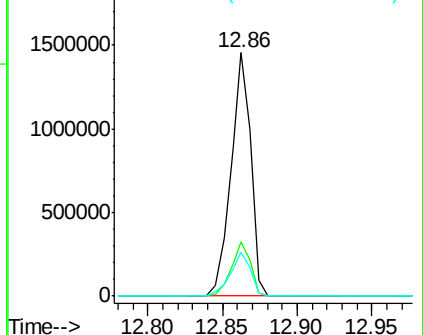
203 18.0 15.0 22.6

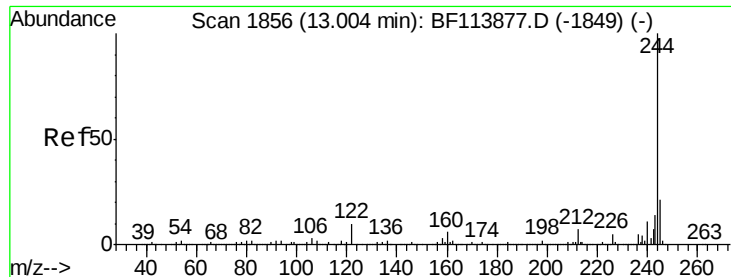


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.445 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampled :

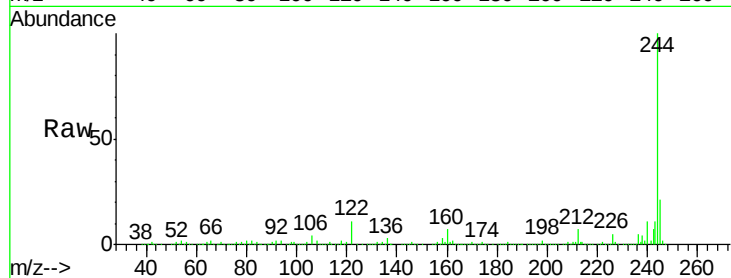
Tot Ion:244 Resp: 2120953

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

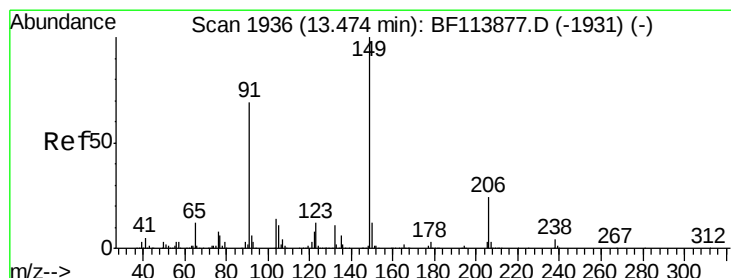
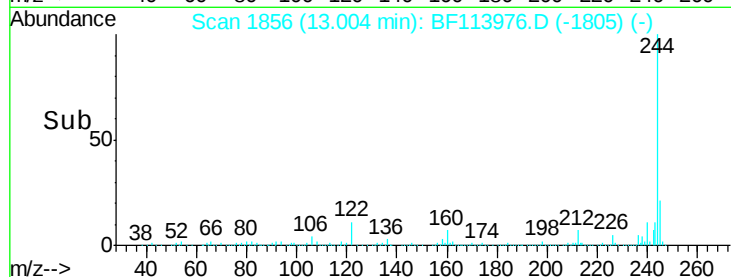
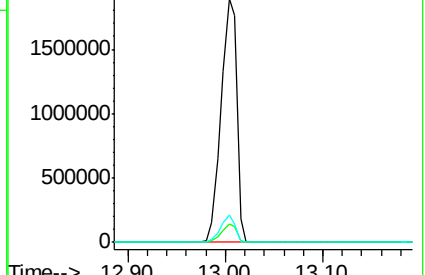
122 11.0 7.6 11.4



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



#80

Butylbenzylphthalate

Concen: 39.466 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

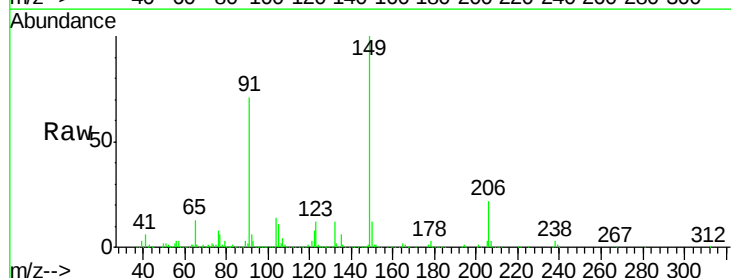
Tgt Ion:149 Resp: 625843

Ion Ratio Lower Upper

149 100

91 70.6 56.3 84.5

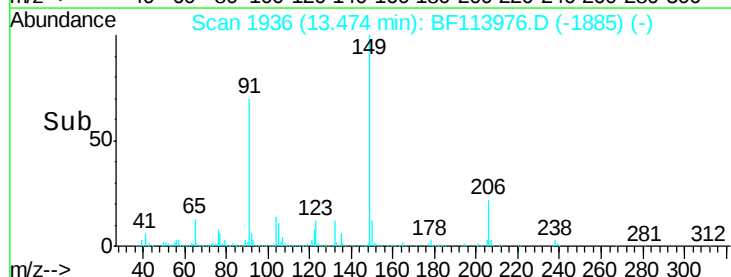
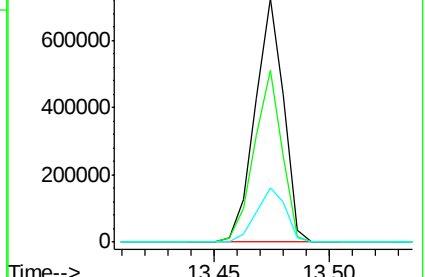
206 22.3 19.0 28.6

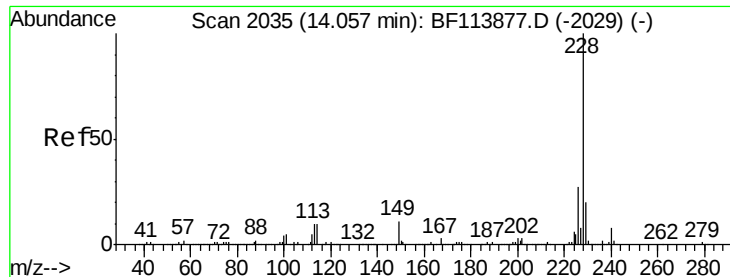


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.398 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

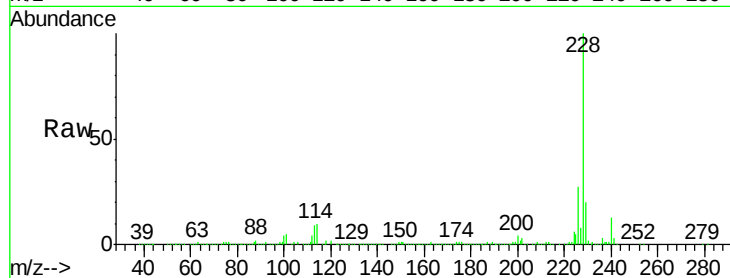
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1337827

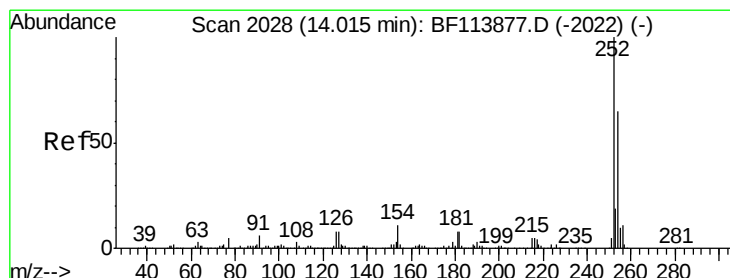
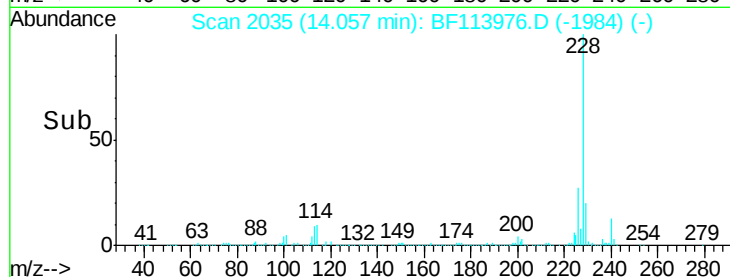
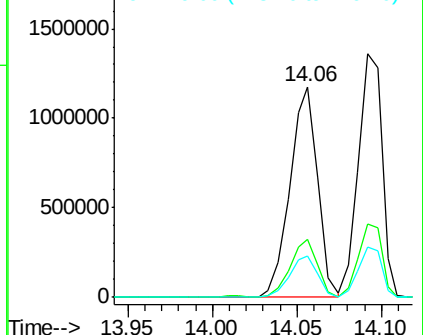
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.2
229	20.0	16.0	24.0



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: 37.035 ng

RT: 14.01 min Scan# 2027

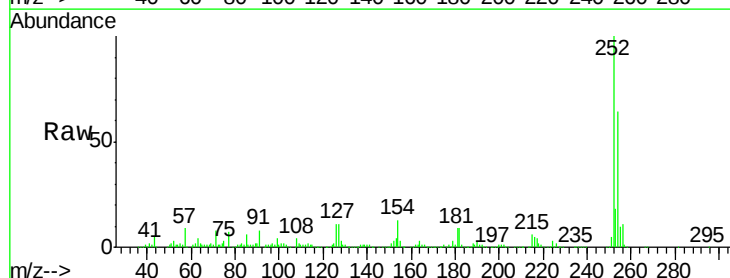
Delta R.T. -0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Tgt Ion:252 Resp: 460942

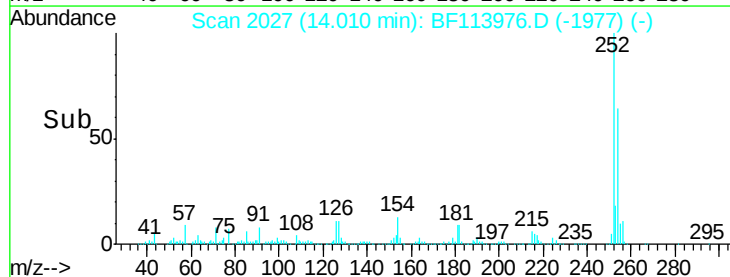
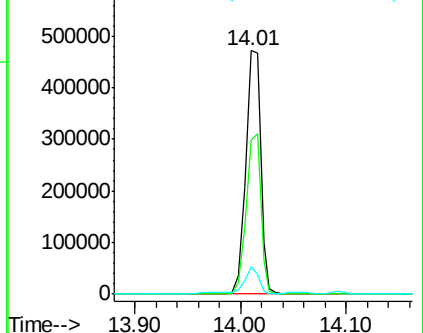
Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.1	78.1
126	11.0	9.3	13.9

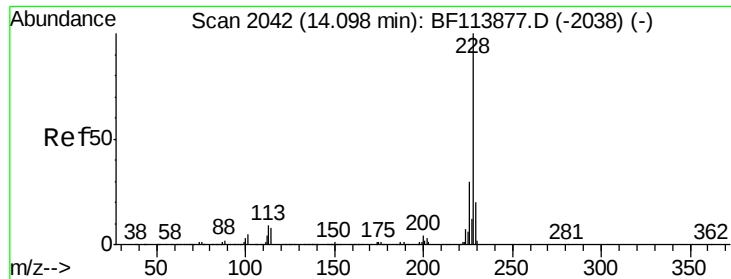


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



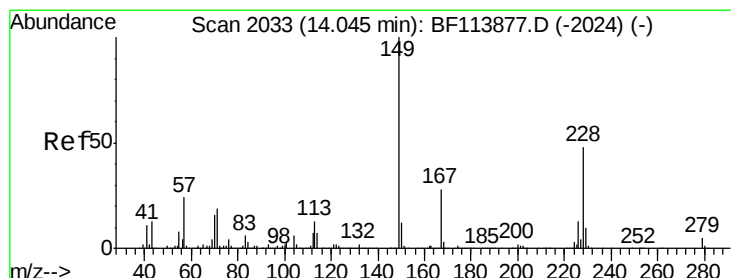
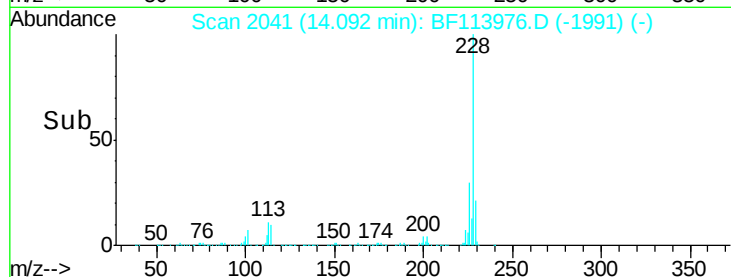
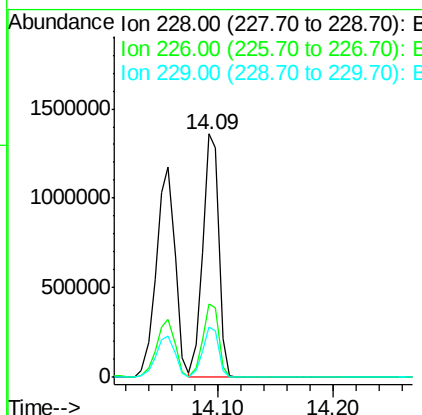
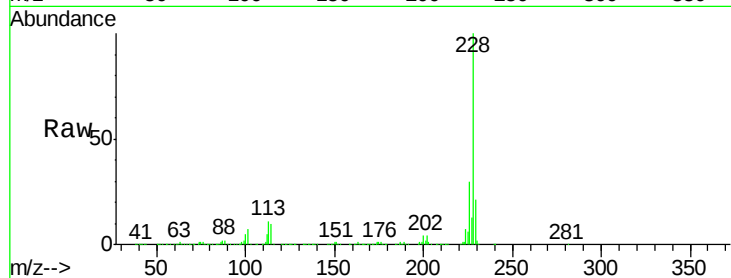


#83
 Chrysene
 Concen: 40.071 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1325176

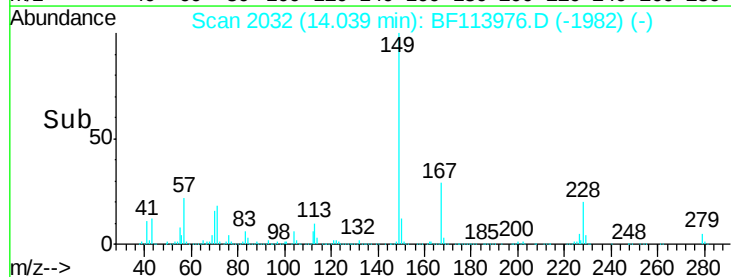
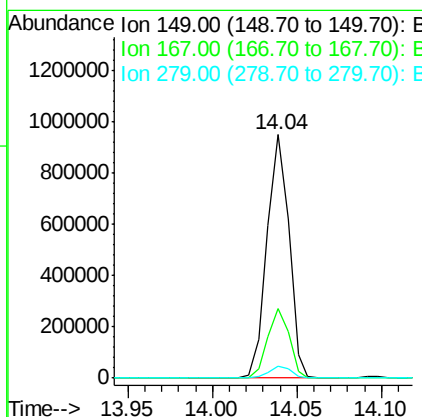
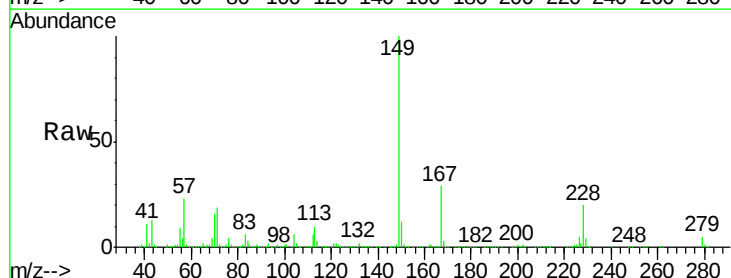
Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.2	37.8
229	20.7	16.7	25.1

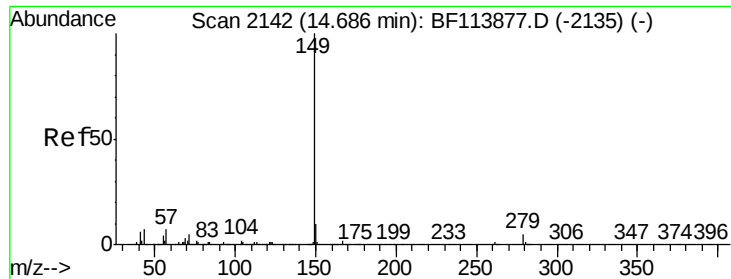


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.610 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Tgt Ion:149 Resp: 859690

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.9	34.3
279	4.8	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 47.030 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

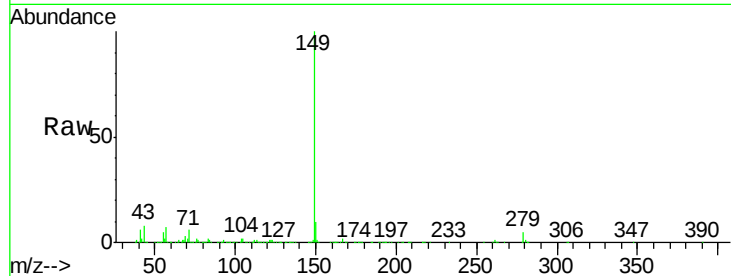
Tot Ion:149 Resp: 1485213

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

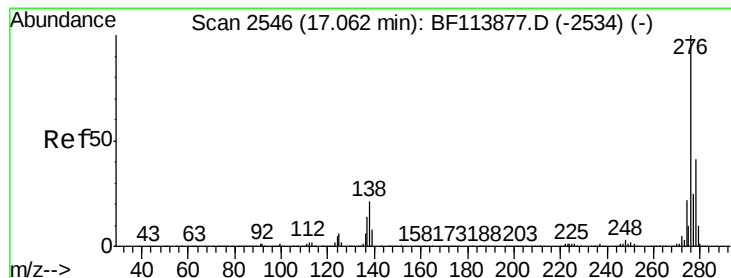
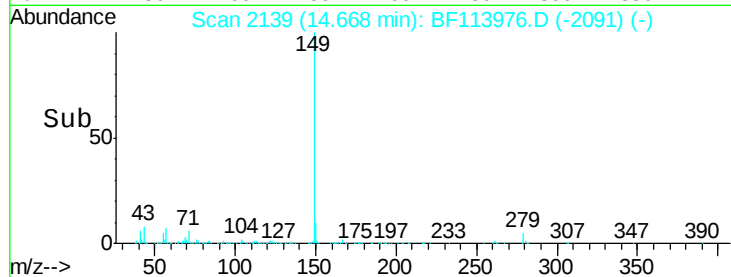
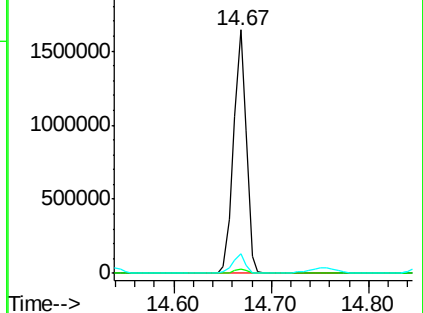
43 7.6 6.6 10.0



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: 44.406 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

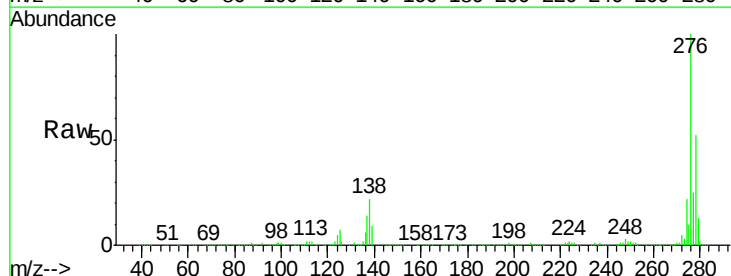
Tgt Ion:276 Resp: 1391036

Ion Ratio Lower Upper

276 100

138 22.8 19.6 29.4

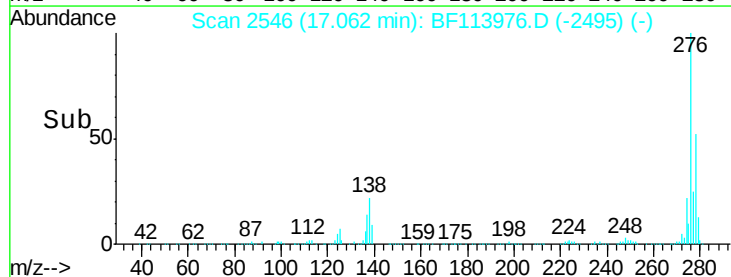
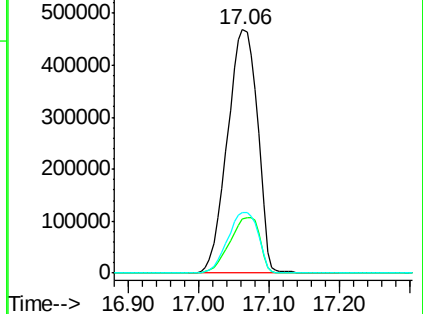
277 25.5 20.2 30.4

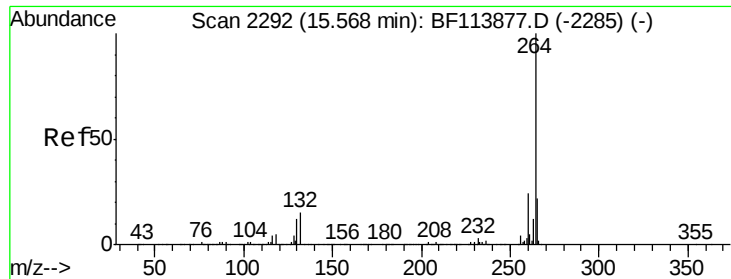


Abundance Ion 276.00 (275.70 to 276.70): E

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# 2290

Delta R.T. -0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampled :

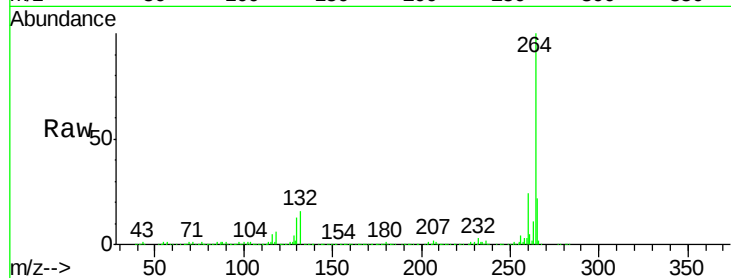
Tot Ion:264 Resp: 489383

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

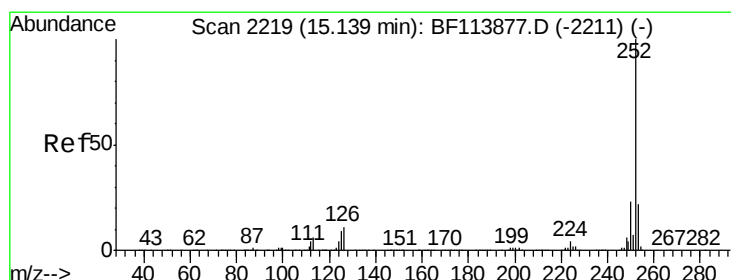
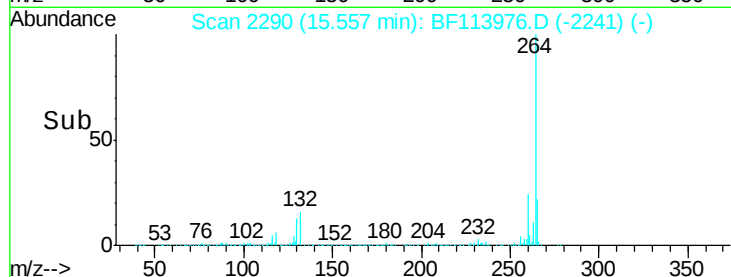
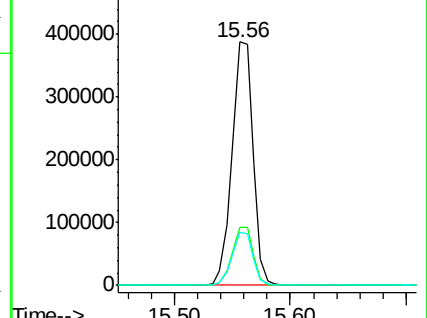
265 21.8 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.816 ng

RT: 15.13 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

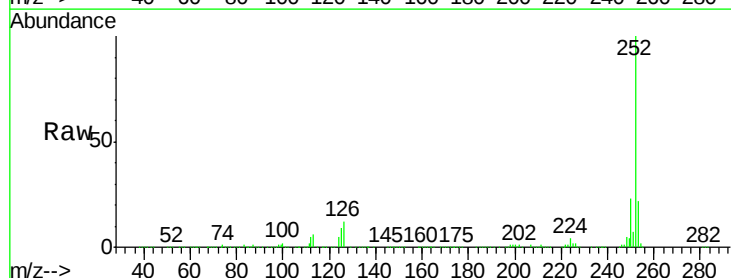
Tgt Ion:252 Resp: 1542442

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

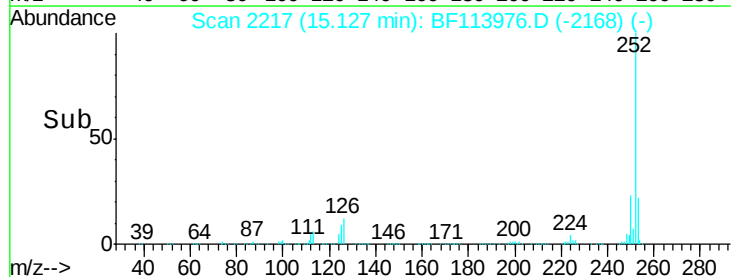
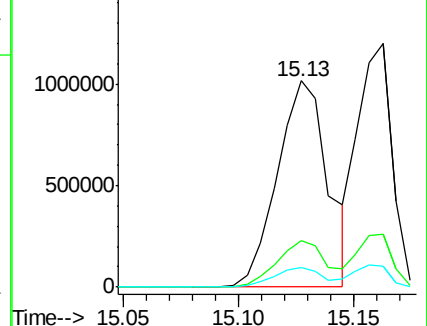
125 9.4 7.0 10.6

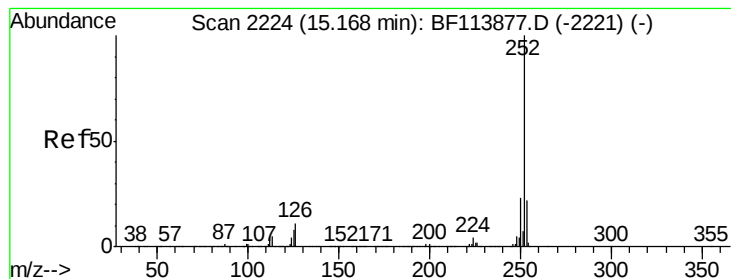


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.585 ng

RT: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

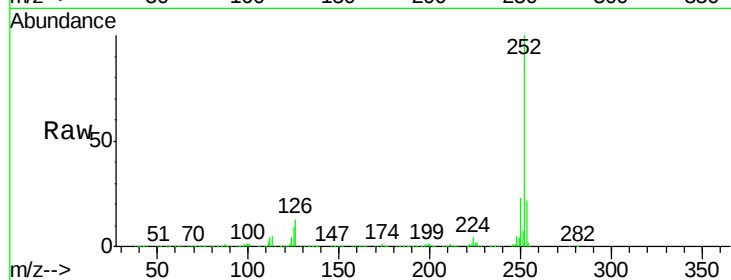
Tot Ion:252 Resp: 1240727

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

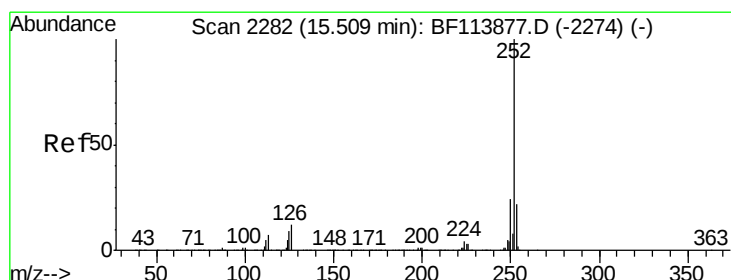
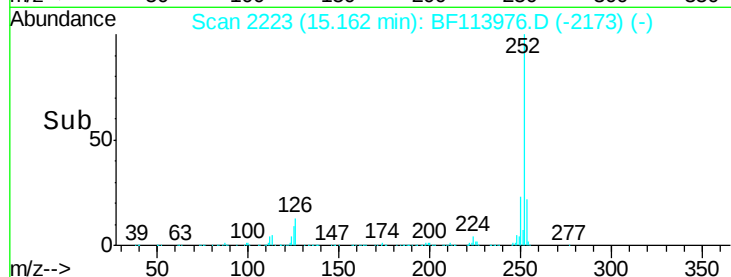
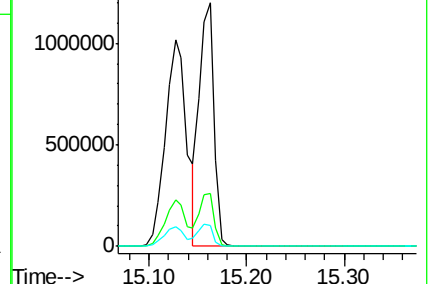
125 8.6 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 49.580 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

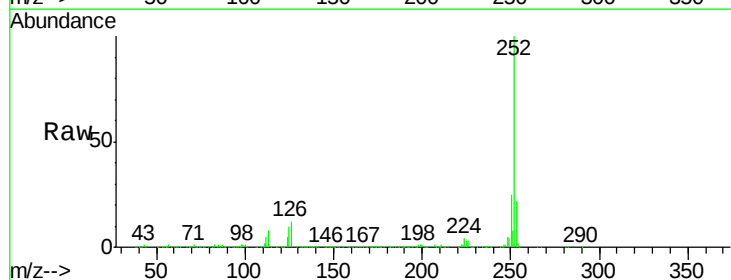
Tgt Ion:252 Resp: 1327816

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

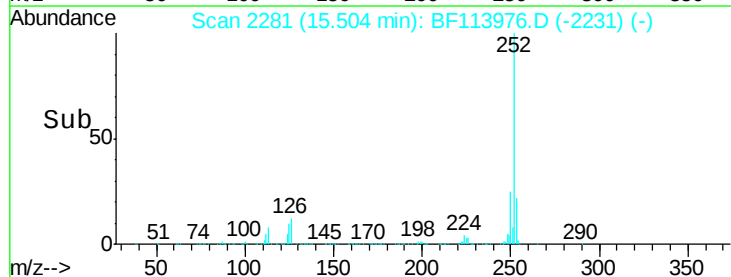
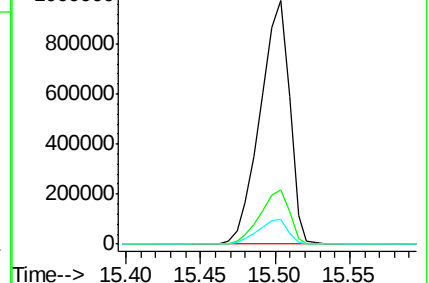
125 10.2 8.5 12.7

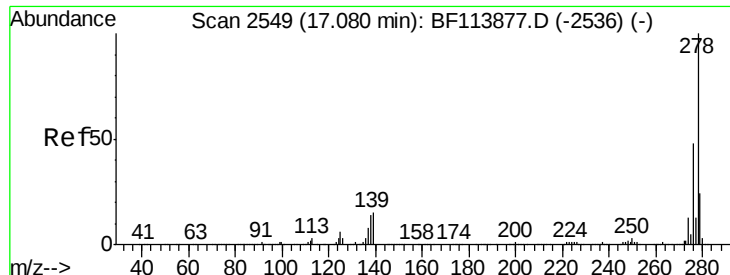


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



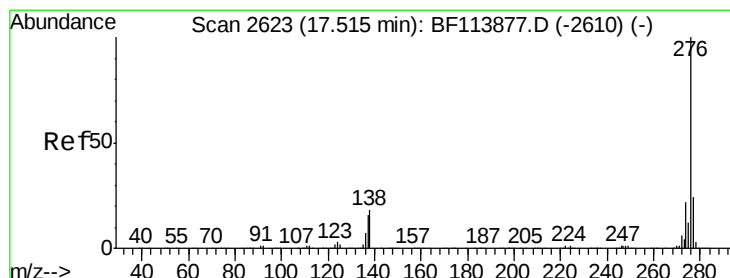
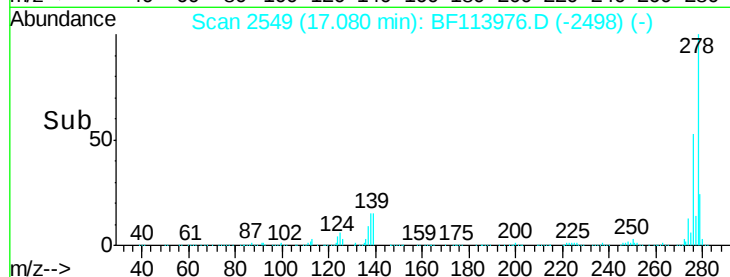
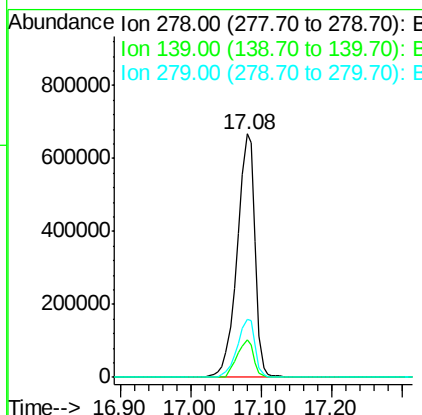
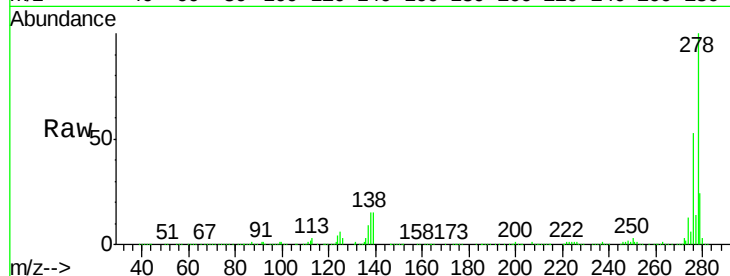


#91
Dibenzo(a,h)anthracene
Concen: 46.692 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1173846

Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.6	17.4
279	23.9	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 45.147 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion:276 Resp: 1145422

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	19.2	16.6	25.0

