

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
 Data File : BF113981.D
 Acq On : 25 Apr 2019 16:57
 Operator : JU/SJ
 Sample : K2553-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 25 23:16:37 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	112483	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	424203	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	230250	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	484656	20.00	ng	0.00
76) Chrysene-d12	14.06	240	432931	20.00	ng	0.00
87) Perylene-d12	15.56	264	471159	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	783672	119.16	ng	0.00
7) Phenol-d6	6.53	99	1020769	123.71	ng	0.00
23) Nitrobenzene-d5	7.46	82	610851	88.91	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	363892	129.73	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1226908	83.34	ng	0.00
79) Terphenyl-d14	13.00	244	1616458	76.55	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	110132	35.525	ng	97
3) Pyridine	3.45	79	286347	33.839	ng	99
4) n-Nitrosodimethylamine	3.39	42	108306	37.390	ng	94
6) Aniline	6.56	93	334325	29.507	ng	98
8) 2-Chlorophenol	6.69	128	309996	41.286	ng	95
9) Benzaldehyde	6.44	77	79194	12.397	ng	97
10) Phenol	6.54	94	395210	40.056	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	301488	40.607	ng	98
12) 1,3-Dichlorobenzene	6.84	146	339345	39.905	ng	99
13) 1,4-Dichlorobenzene	6.92	146	347817	40.665	ng	99
14) 1,2-Dichlorobenzene	7.07	146	329132	41.871	ng	98
15) Benzyl Alcohol	7.03	79	245257	44.134	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	336104	38.780	ng	92
17) 2-Methylphenol	7.15	107	279951	42.535	ng	99
18) Hexachloroethane	7.41	117	118926	39.664	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	215778	40.383	ng	96
20) 3+4-Methylphenols	7.30	107	328780	44.214	ng	# 77
22) Acetophenone	7.30	105	427636	45.301	ng	97
24) Nitrobenzene	7.47	77	333419	43.920	ng	98
25) Isophorone	7.72	82	600846	42.741	ng	99
26) 2-Nitrophenol	7.79	139	169221	48.862	ng	99
27) 2,4-Dimethylphenol	7.83	122	270030	47.856	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	377814	42.176	ng	99
29) 2,4-Dichlorophenol	8.03	162	290102	44.960	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	310186	43.114	ng	99
31) Naphthalene	8.20	128	900103	44.666	ng	99
32) Benzoic acid	7.92	122	59510	15.617	ng	99
33) 4-Chloroaniline	8.24	127	211707	24.828	ng	98
34) Hexachlorobutadiene	8.32	225	183345	40.880	ng	99
35) Caprolactam	8.60	113	61687	30.053	ng	92
36) 4-Chloro-3-methylphenol	8.73	107	294591	46.083	ng	99
37) 2-Methylnaphthalene	8.89	142	614141	45.193	ng	99
38) 1-Methylnaphthalene	8.99	142	581982	44.372	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	314621	42.066	ng	99

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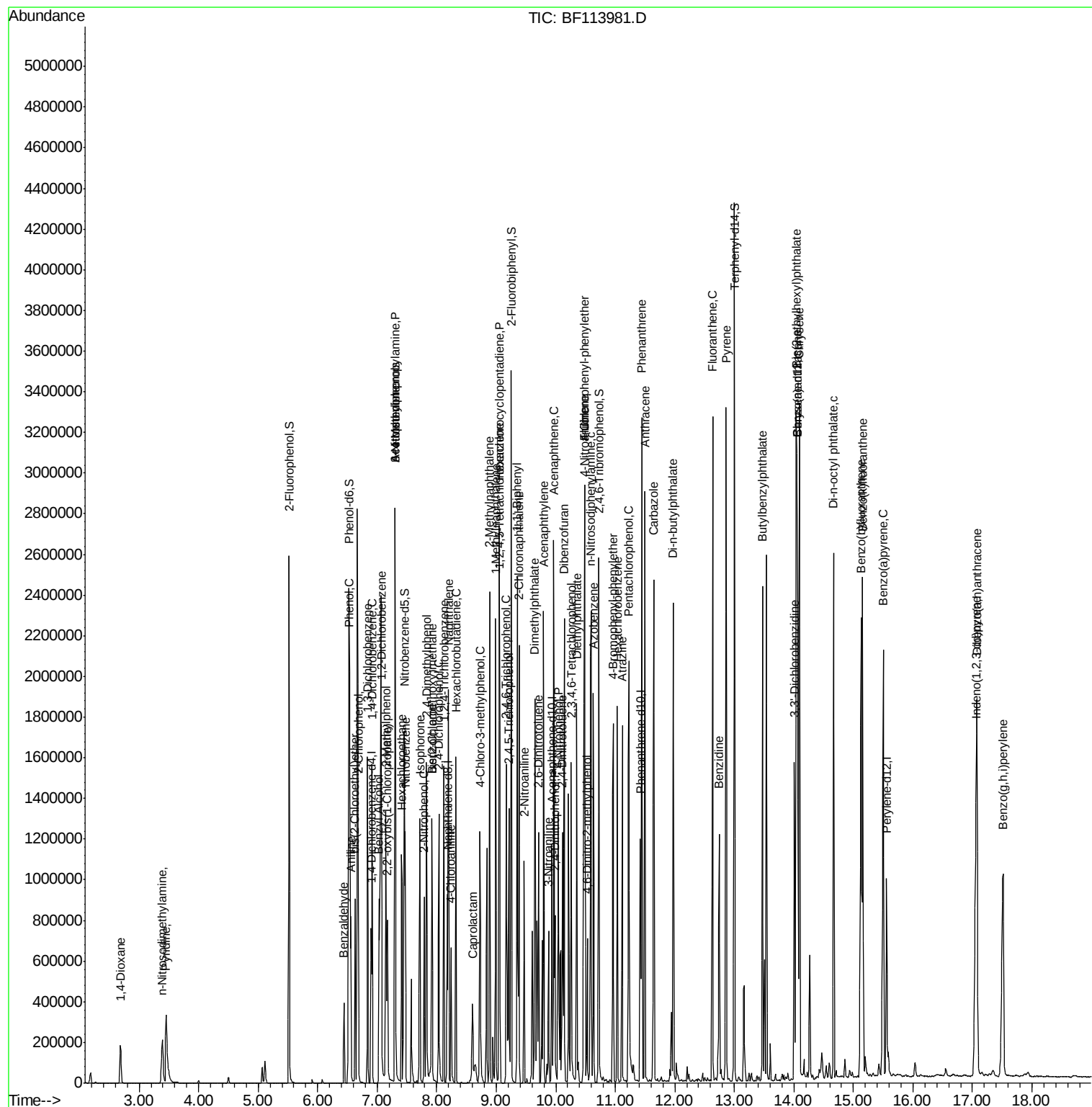
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	364768	87.459	ng	98
43) 2,4,6-Trichlorophenol	9.17	196	218222	45.948	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	242010	45.430	ng	100
46) 1,1'-Biphenyl	9.36	154	776541	44.148	ng	97
47) 2-Chloronaphthalene	9.38	162	618879	43.266	ng	98
48) 2-Nitroaniline	9.47	65	180168	48.048	ng	93
49) Acenaphthylene	9.80	152	971416	43.380	ng	99
50) Dimethylphthalate	9.66	163	939359	56.411	ng	98
51) 2,6-Dinitrotoluene	9.71	165	173899	48.677	ng	93
52) Acenaphthene	9.97	154	620402	46.879	ng	97
53) 3-Nitroaniline	9.88	138	131403	35.003	ng	90
54) 2,4-Dinitrophenol	9.99	184	115917	75.516	ng	# 4
55) Dibenzofuran	10.14	168	896126	45.205	ng	98
56) 4-Nitrophenol	10.05	139	289551	97.414	ng	99
57) 2,4-Dinitrotoluene	10.12	165	236903	52.537	ng	98
58) Fluorene	10.48	166	691253	46.316	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	222430	47.514	ng	99
60) Diethylphthalate	10.35	149	729742	46.148	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	353602	44.737	ng	98
62) 4-Nitroaniline	10.49	138	185436	50.618	ng	99
63) Azobenzene	10.63	77	664165	43.336	ng	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	102820	46.547	ng	98
66) n-Nitrosodiphenylamine	10.59	169	629846	43.312	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	238080	40.664	ng	97
68) Hexachlorobenzene	11.03	284	263449	40.947	ng	98
69) Atrazine	11.12	200	221945	46.916	ng	100
70) Pentachlorophenol	11.23	266	307192	84.329	ng	98
71) Phenanthrene	11.45	178	1185480	48.672	ng	100
72) Anthracene	11.50	178	1123690	45.685	ng	99
73) Carbazole	11.65	167	1030202	46.948	ng	100
74) Di-n-butylphthalate	11.97	149	1166889	45.206	ng	100
75) Fluoranthene	12.63	202	1315252	49.494	ng	99
77) Benzidine	12.75	184	465655	36.099	ng	98
78) Pyrene	12.86	202	1317407	43.514	ng	98
80) Butylbenzylphthalate	13.47	149	536166	45.011	ng	96
81) Benzo(a)anthracene	14.06	228	1215811	47.665	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	337346	36.083	ng	97
83) Chrysene	14.09	228	1184959	47.700	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	746693	49.269	ng	99
85) Di-n-octyl phthalate	14.67	149	1299185	54.767	ng	98
86) Indeno(1,2,3-cd)pyrene	17.06	276	1185415	50.377	ng	98
88) Benzo(b)fluoranthene	15.13	252	1361373	45.668	ng	99
89) Benzo(k)fluoranthene	15.16	252	1078713	42.069	ng	99
90) Benzo(a)pyrene	15.50	252	1179584	45.748	ng	99
91) Dibenzo(a,h)anthracene	17.08	278	989444	40.879	ng	100
92) Benzo(g,h,i)perylene	17.52	276	961084	39.347	ng	98

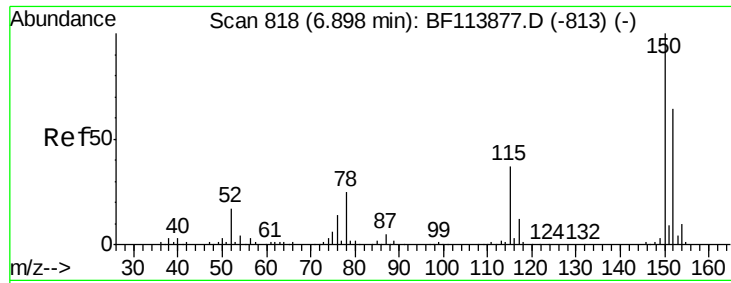
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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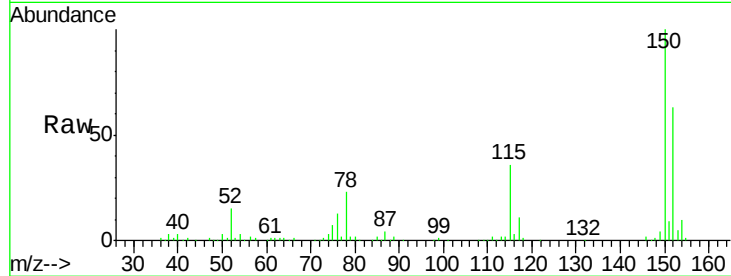


#1

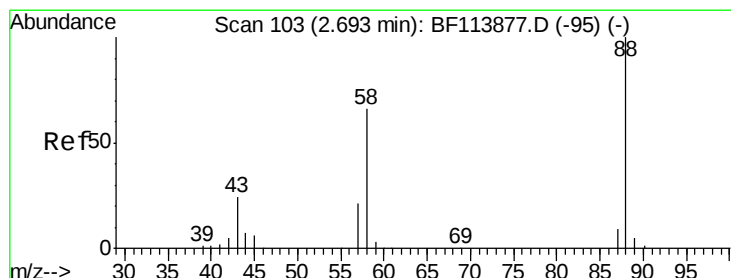
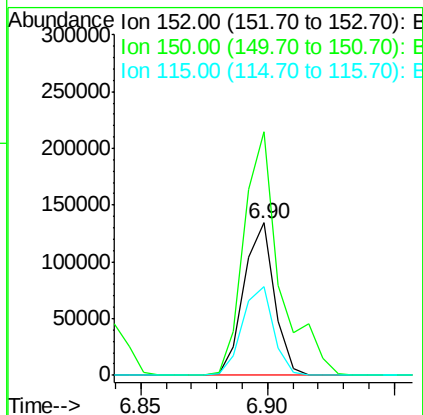
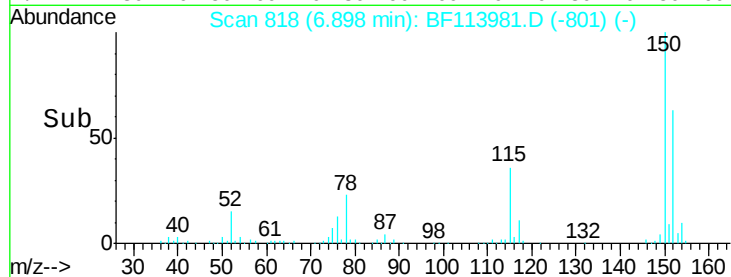
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112483
Ion Ratio Lower Upper
152 100
150 159.6 125.9 188.9
115 58.1 45.9 68.9



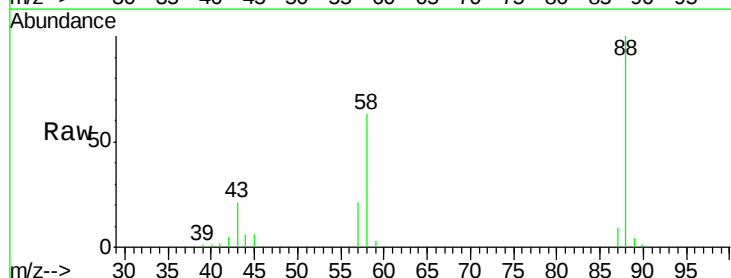
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



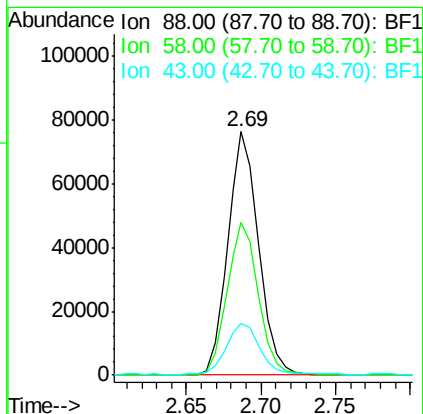
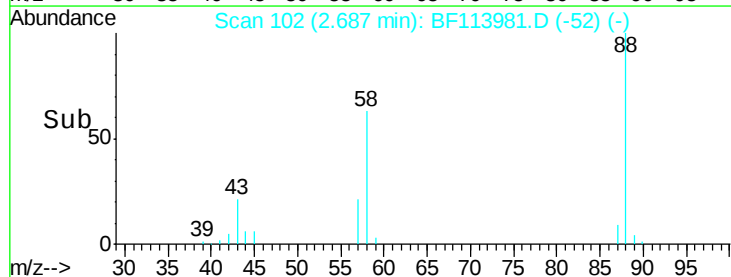
#2

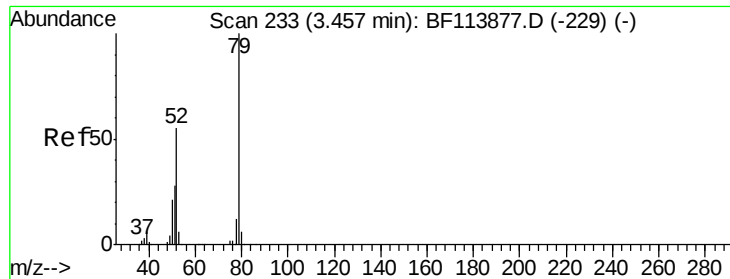
1,4-Dioxane
Concen: 35.525 ng
RT: 2.69 min Scan# 102
Delta R.T. -0.01 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion: 88 Resp: 110132
Ion Ratio Lower Upper
88 100
58 63.4 53.3 79.9
43 24.0 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: 33.839 ng

RT: 3.45 min Scan# 232

Delta R.T. -0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

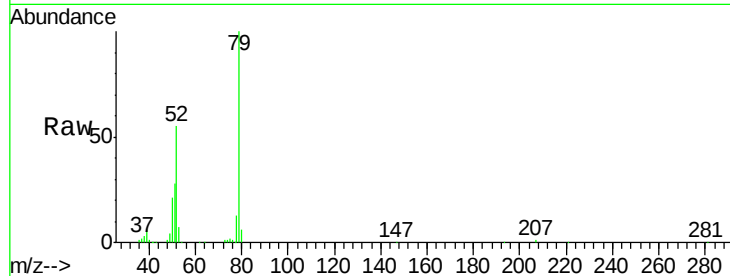
Tot Ion: 79 Resp: 286347

Ion Ratio Lower Upper

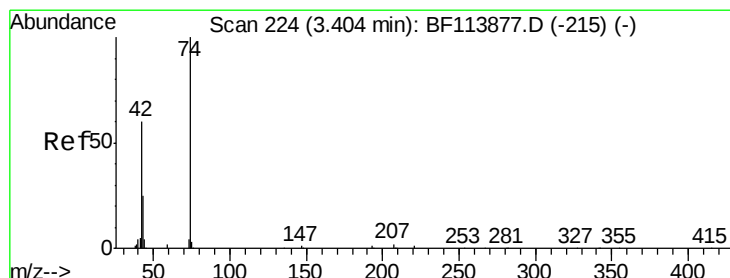
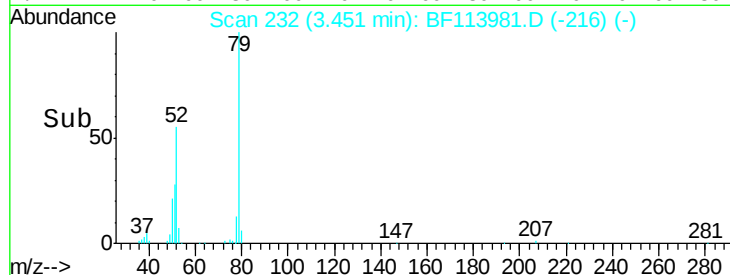
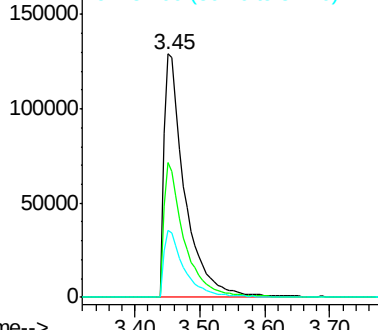
79 100

52 55.3 45.3 67.9

51 27.6 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: 37.390 ng

RT: 3.39 min Scan# 222

Delta R.T. -0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

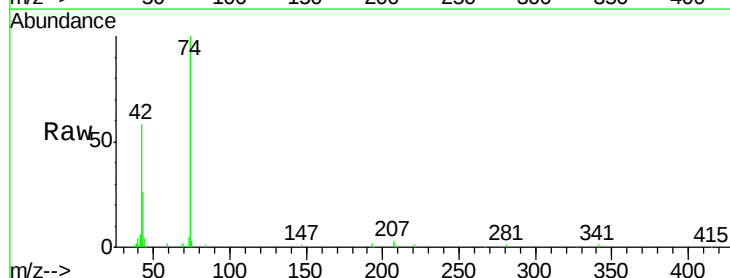
Tgt Ion: 42 Resp: 108306

Ion Ratio Lower Upper

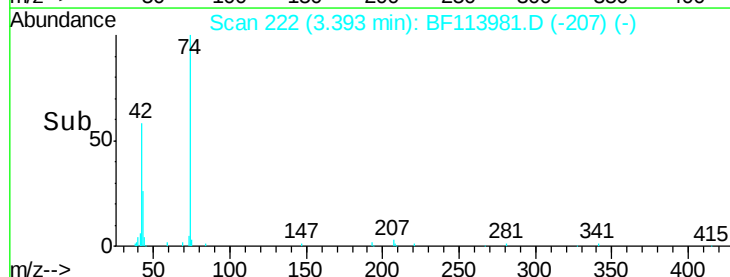
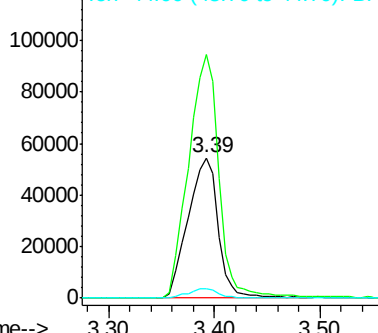
42 100

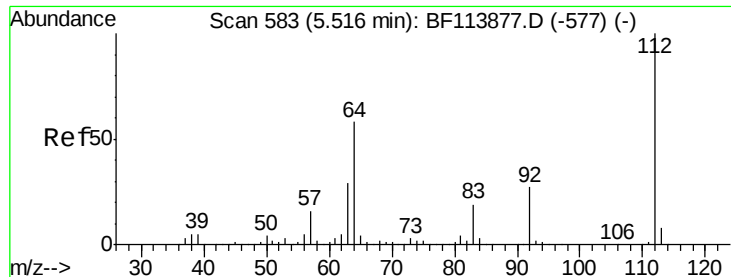
74 173.8 132.6 198.8

44 6.7 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: 119.161 ng

RT: 5.52 min Scan# 584

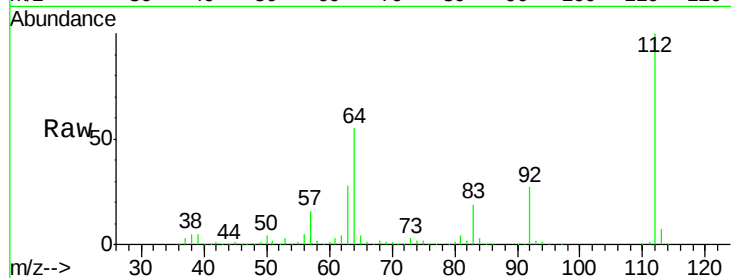
Delta R.T. 0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampled :

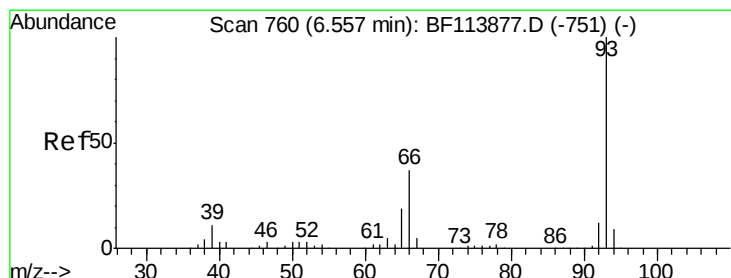
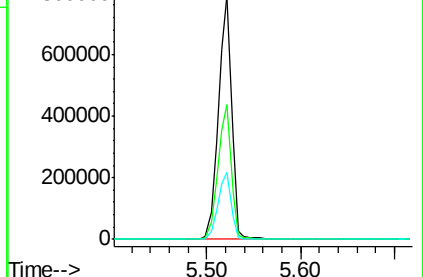
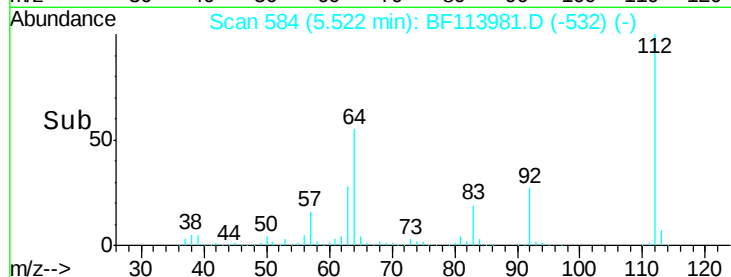
Tot Ion:	112	Resp:	783672
Ion Ratio	Lower	Upper	
112	100		
64	55.4	46.6	69.8
63	27.7	23.1	34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.507 ng

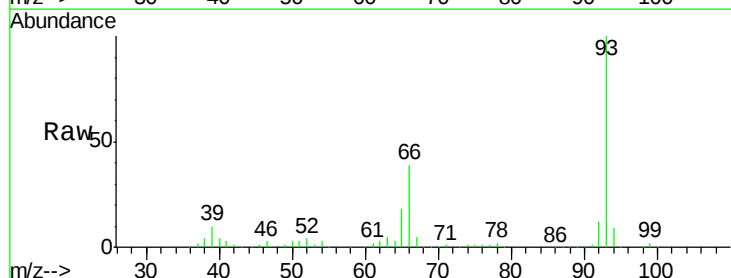
RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

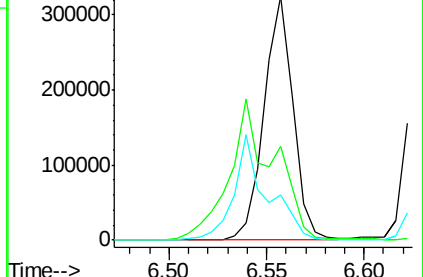
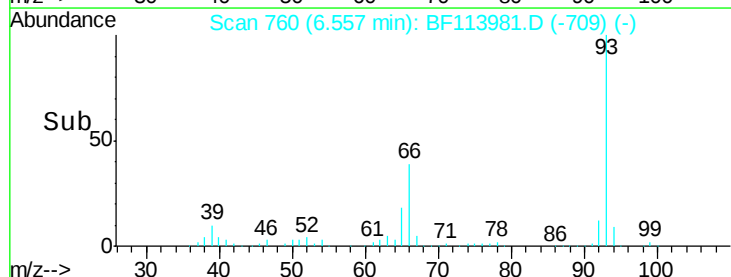
Tgt Ion:	93	Resp:	334325
Ion Ratio	Lower	Upper	
93	100		
66	38.6	29.8	44.6
65	18.4	14.9	22.3

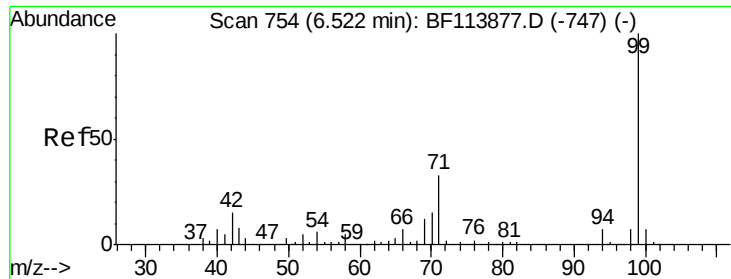


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.713 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

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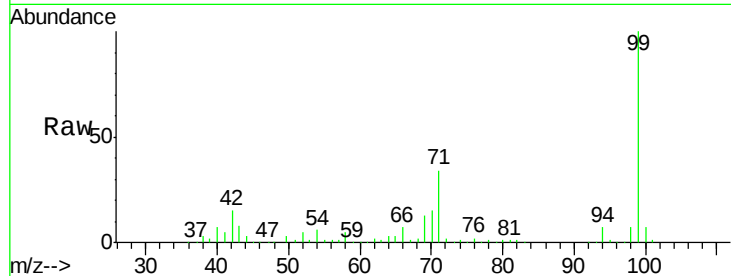
Tot Ion: 99 Resp: 1020769

Ion Ratio Lower Upper

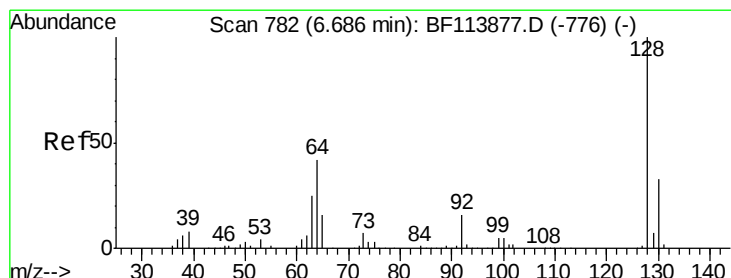
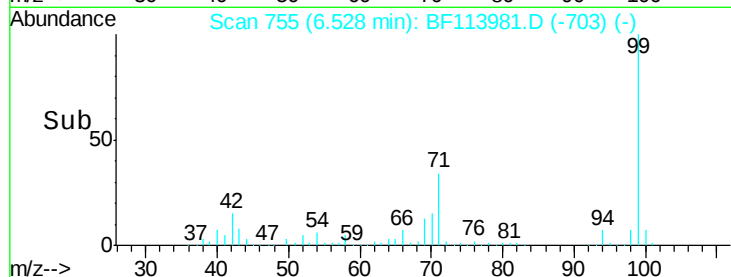
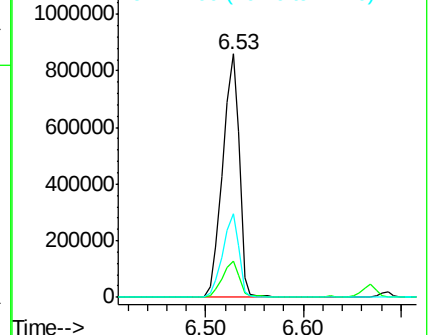
99 100

42 15.1 12.5 18.7

71 34.2 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.286 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

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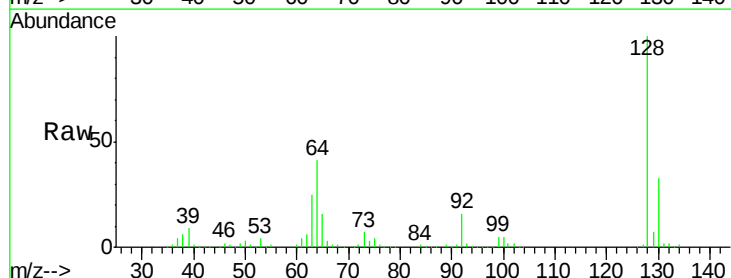
Tgt Ion: 128 Resp: 309996

Ion Ratio Lower Upper

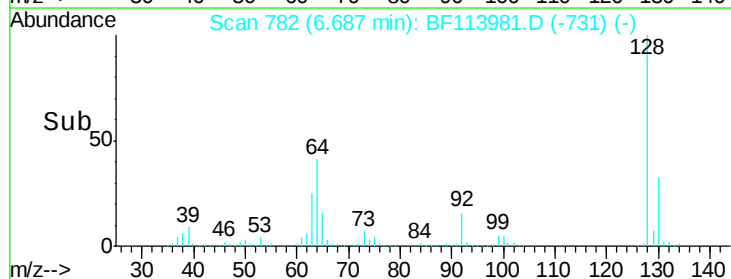
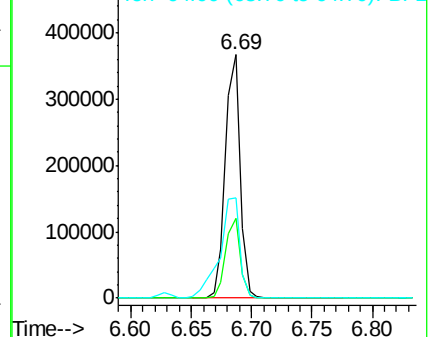
128 100

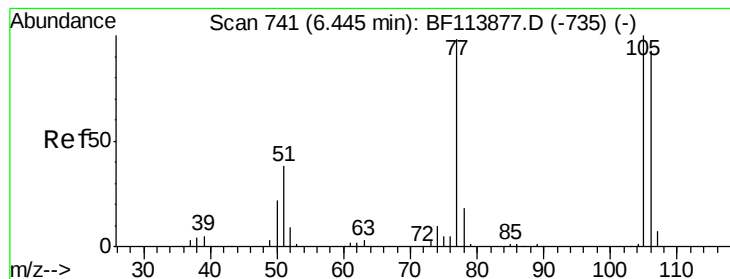
130 32.9 12.3 52.3

64 41.3 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.397 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

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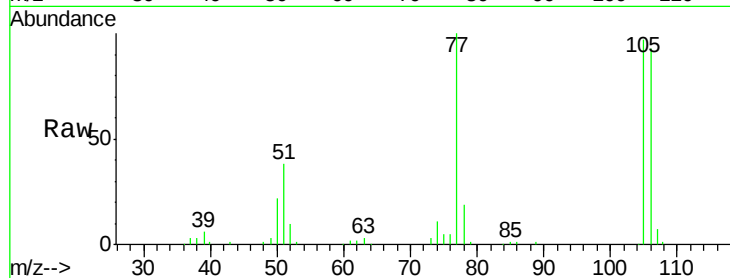
Tot Ion: 77 Resp: 79194

Ion Ratio Lower Upper

77 100

105 97.2 74.1 114.1

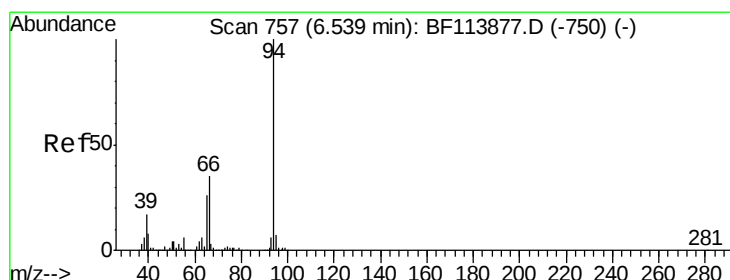
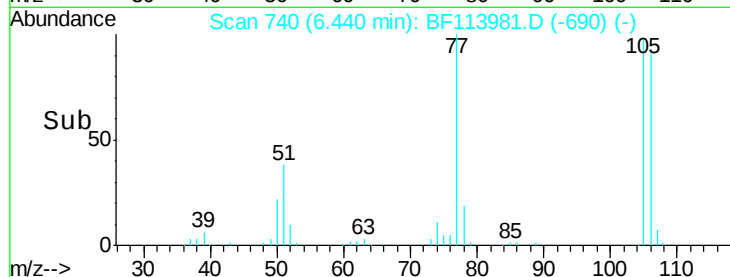
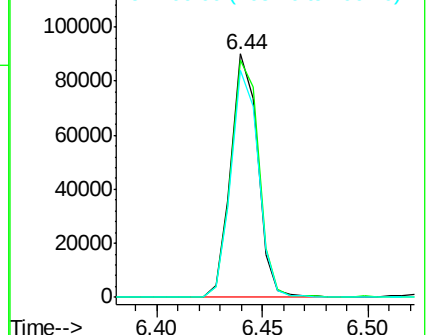
106 93.3 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.056 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

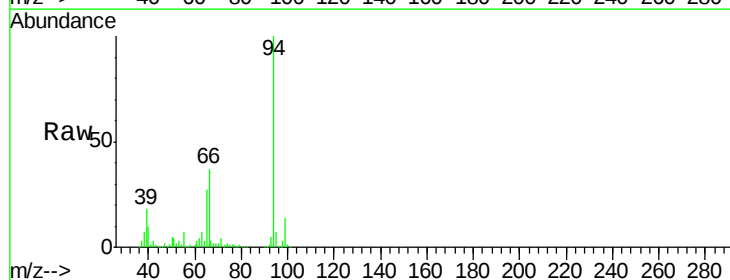
Tgt Ion: 94 Resp: 395210

Ion Ratio Lower Upper

94 100

65 27.5 8.1 48.1

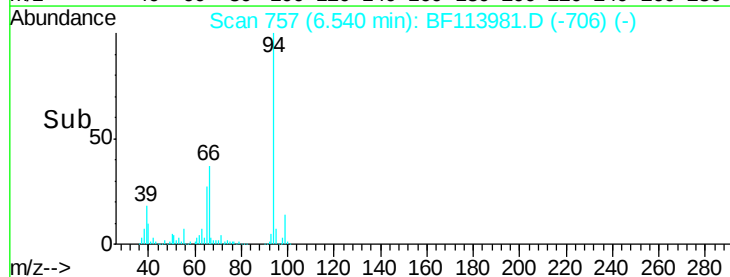
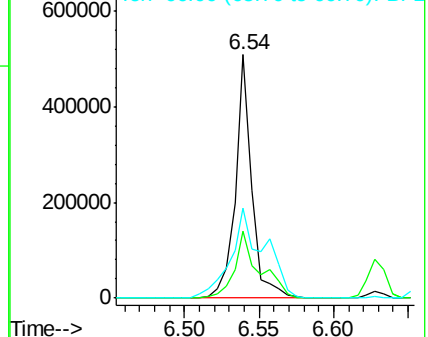
66 37.1 16.6 56.6

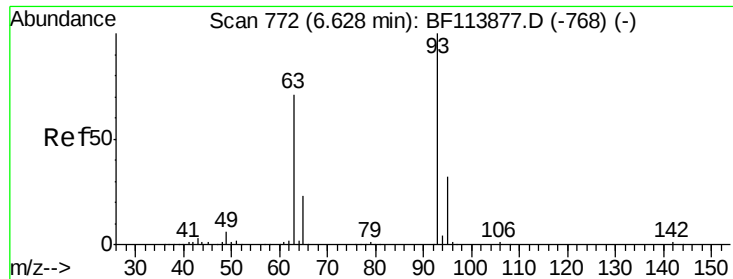


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

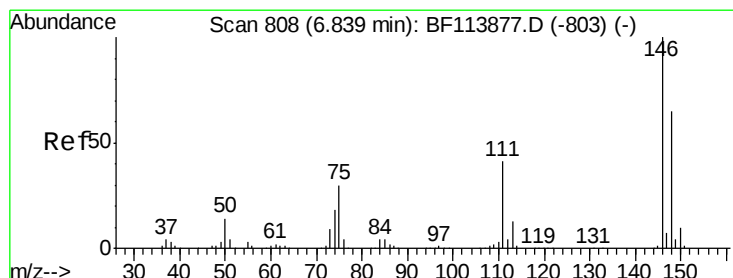
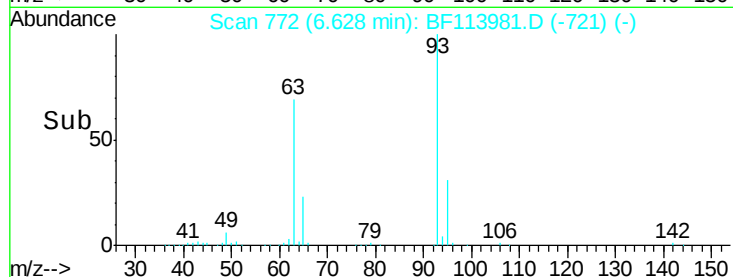
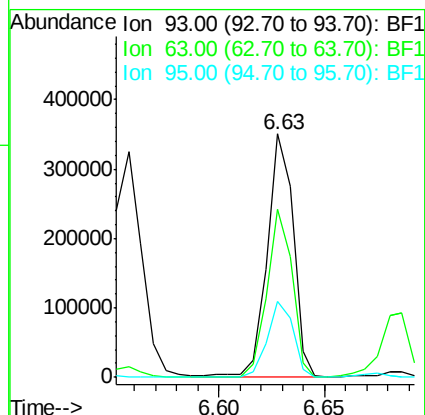
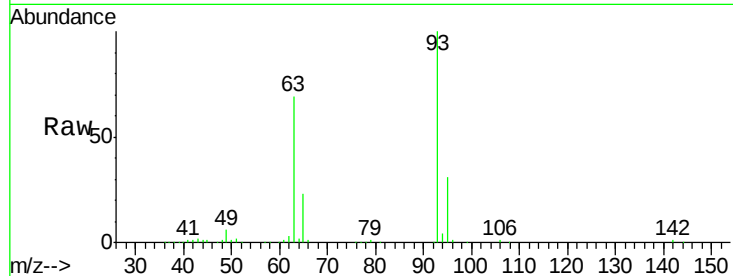




#11
bis(2-Chloroethyl)ether
Concen: 40.607 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

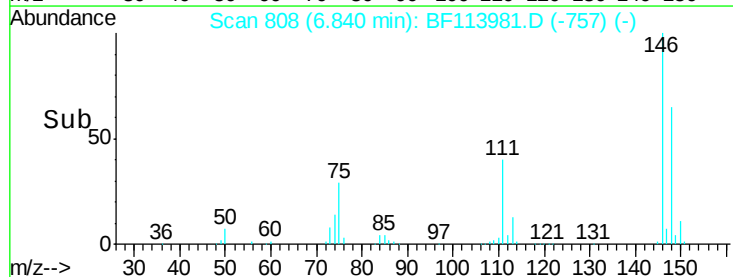
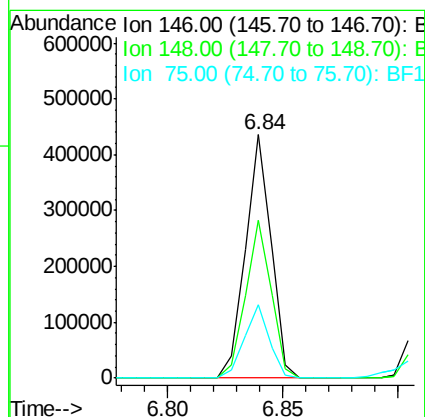
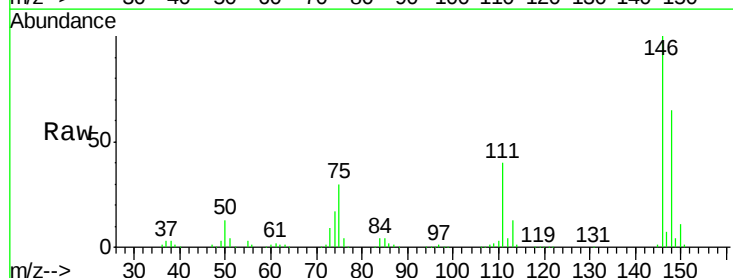
Instrument :
BNA_F
ClientSampled :

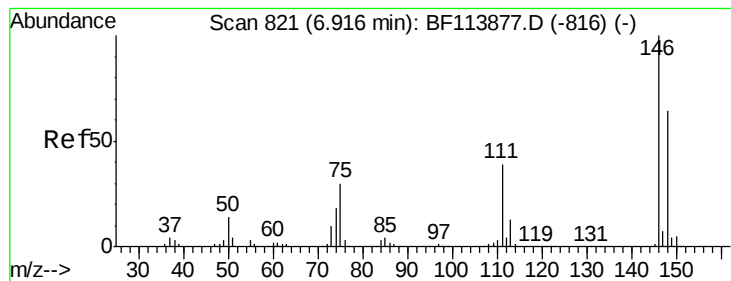
Tot Ion: 93 Resp: 301488
Ion Ratio Lower Upper
93 100
63 69.1 50.7 90.7
95 31.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 39.905 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion: 146 Resp: 339345
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.6
75 29.9 23.8 35.8





#13

1,4-Dichlorobenzene

Concen: 40.665 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampled :

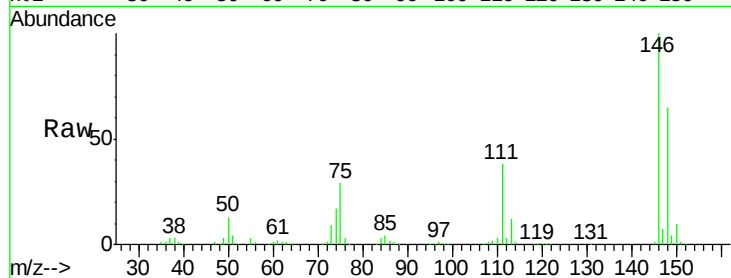
Tot Ion:146 Resp: 347817

Ion Ratio Lower Upper

146 100

148 65.3 51.8 77.8

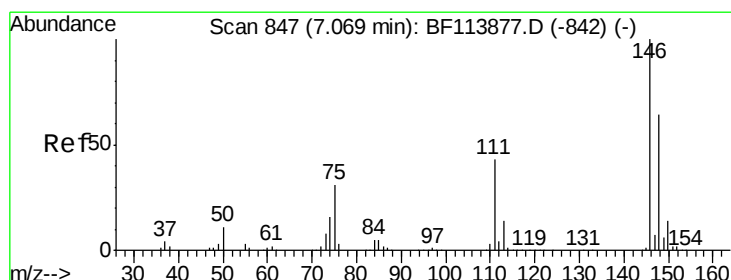
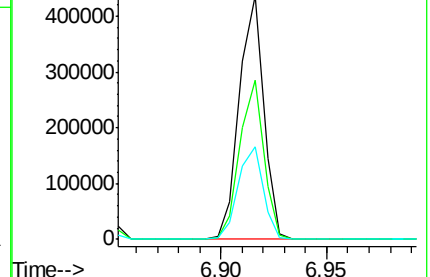
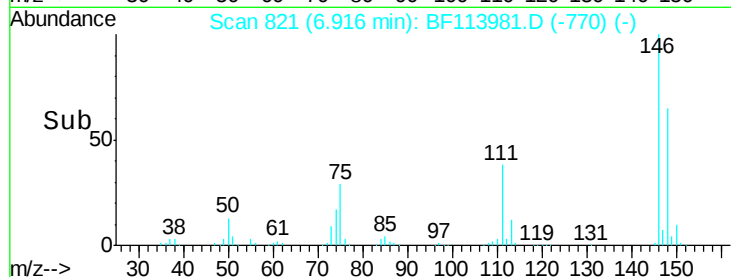
111 37.8 30.9 46.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.871 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

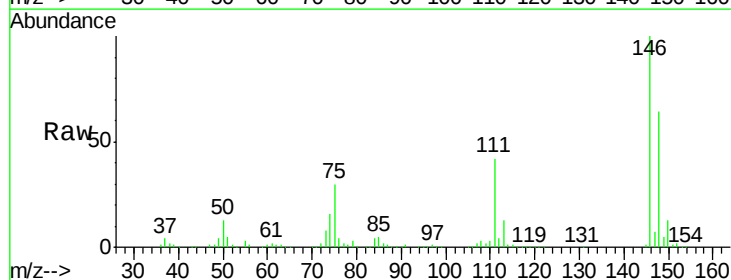
Tgt Ion:146 Resp: 329132

Ion Ratio Lower Upper

146 100

148 64.0 52.1 78.1

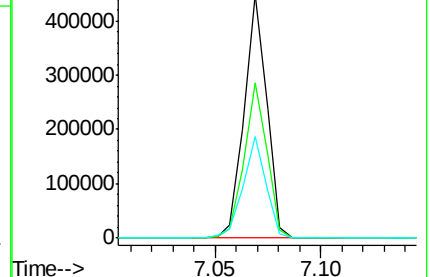
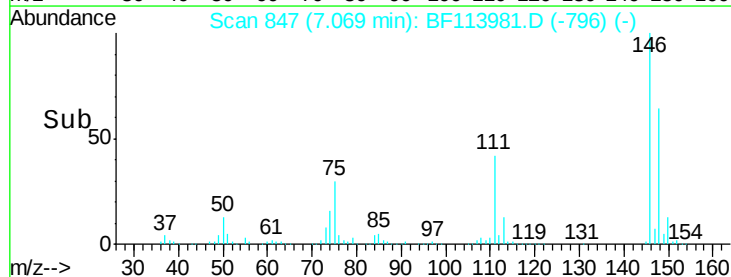
111 41.7 34.2 51.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.134 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

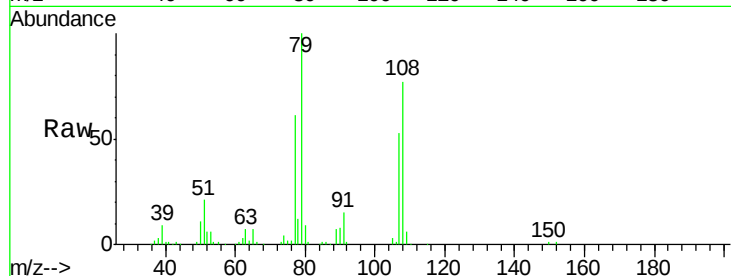
Tot Ion: 79 Resp: 245257

Ion Ratio Lower Upper

79 100

108 76.9 61.4 92.0

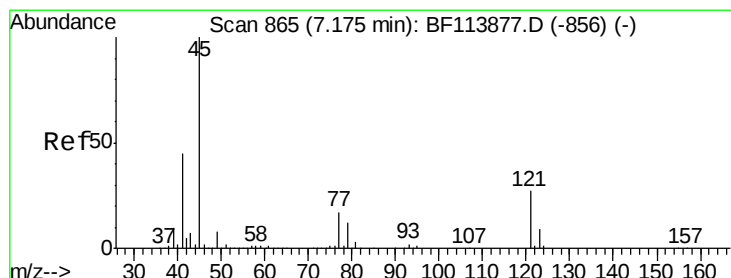
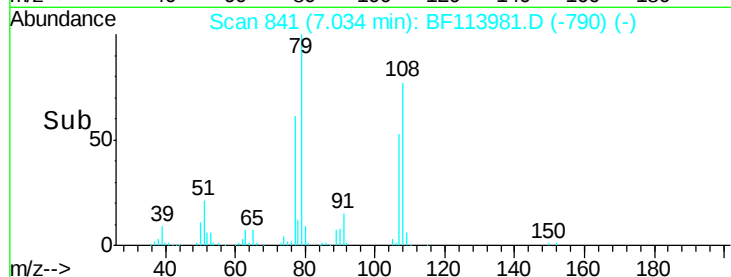
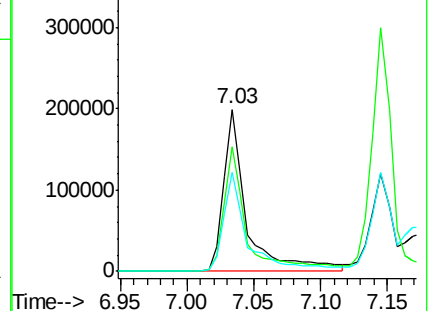
77 61.1 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.780 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

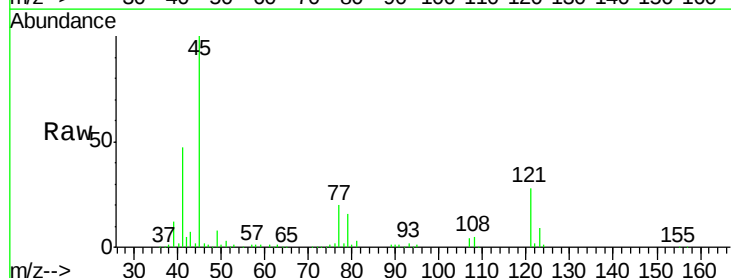
Tgt Ion: 45 Resp: 336104

Ion Ratio Lower Upper

45 100

77 20.1 0.0 37.0

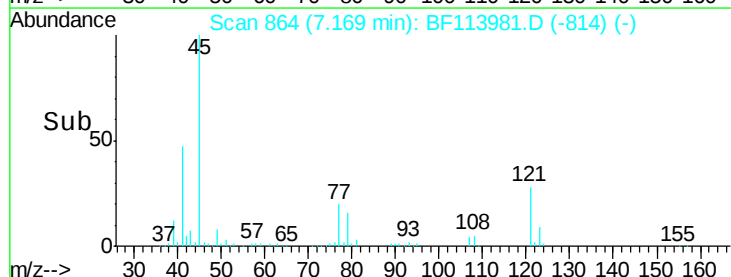
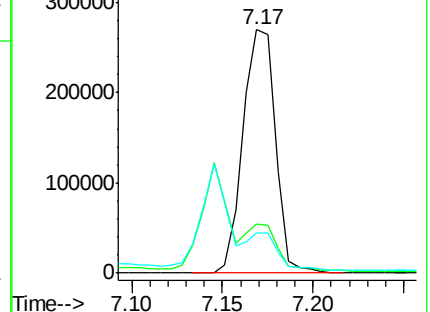
79 16.2 0.0 32.7

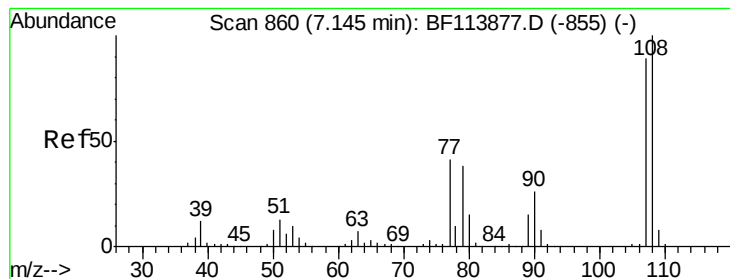


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

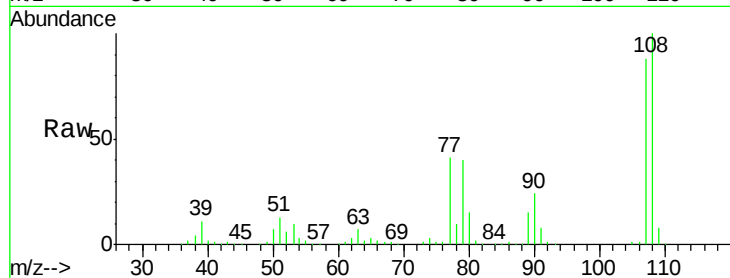




#17
2-Methylphenol
Concen: 42.535 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	279951
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.5	137.3
77	46.4	36.2	54.4
79	45.7	35.4	53.0



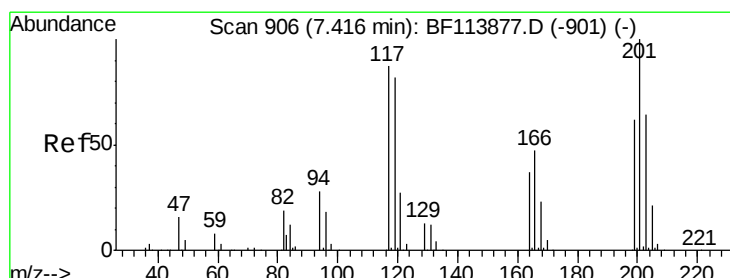
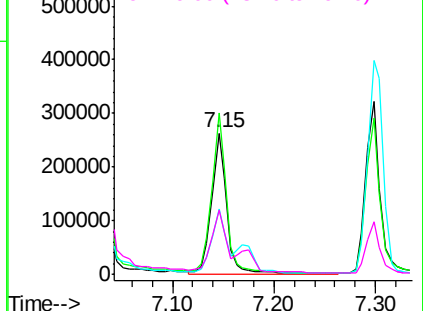
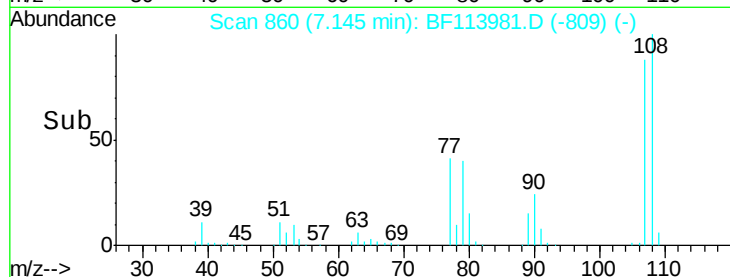
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

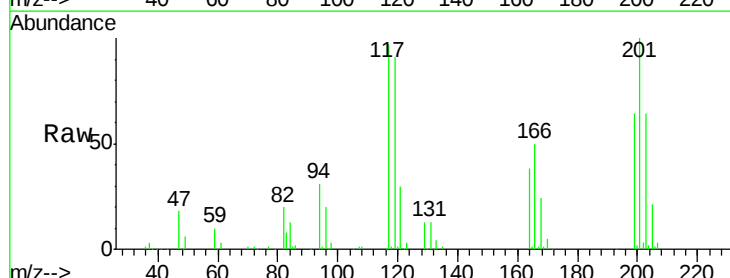
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.664 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion:	117	Resp:	118926
Ion	Ratio	Lower	Upper
117	100		
119	93.8	74.4	111.6
201	102.9	90.2	135.2

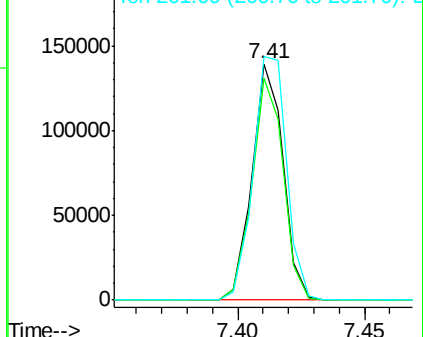
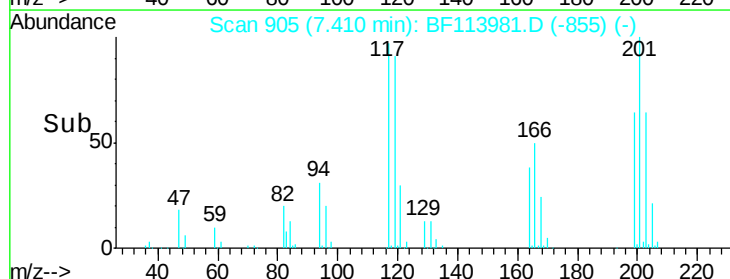


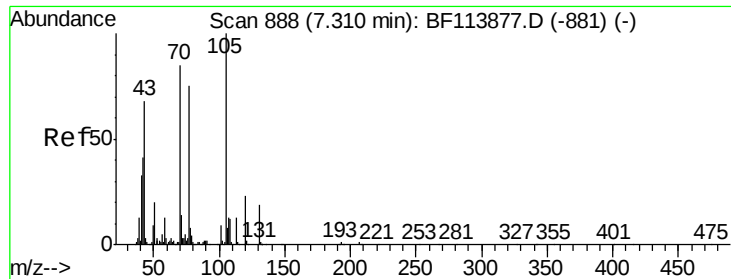
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

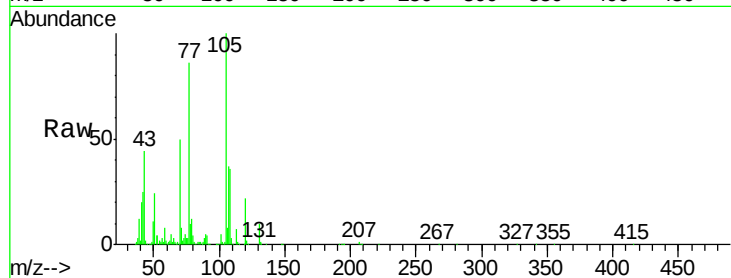




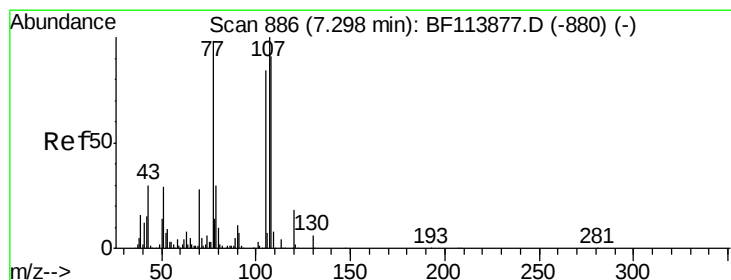
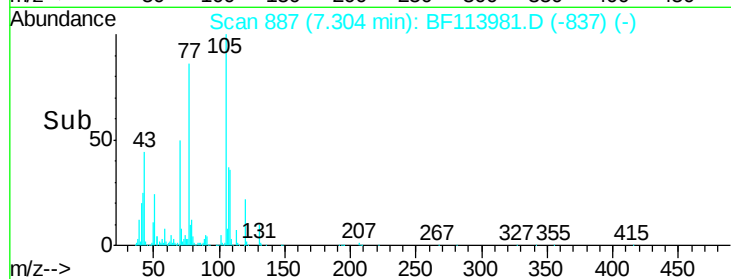
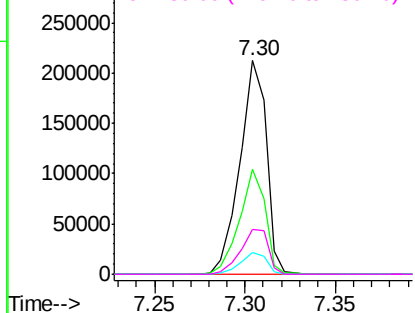
#19
n-Nitroso-di-n-propylamine
Concen: 40.383 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 215778
Ion Ratio Lower Upper
70 100
42 49.4 37.3 55.9
101 10.0 7.8 11.8
130 21.0 18.2 27.2

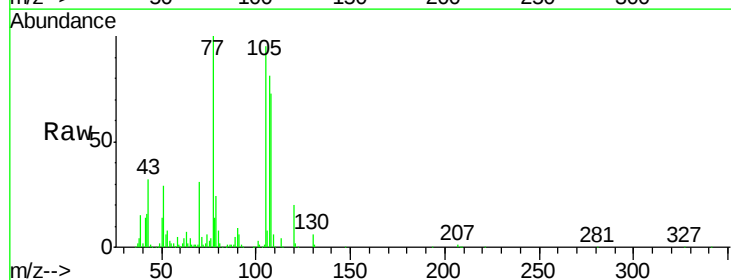


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

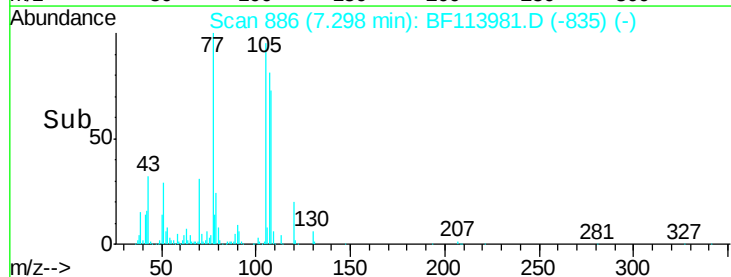
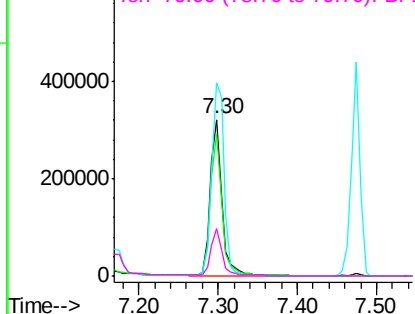


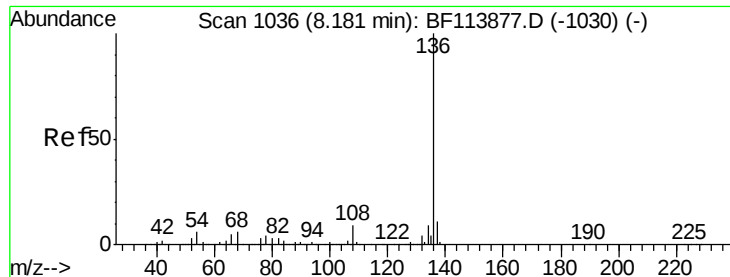
#20
3+4-Methylphenols
Concen: 44.214 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion:107 Resp: 328780
Ion Ratio Lower Upper
107 100
108 90.5 70.1 110.1
77 123.6 52.9 92.9#
79 30.2 10.2 50.2



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 424203

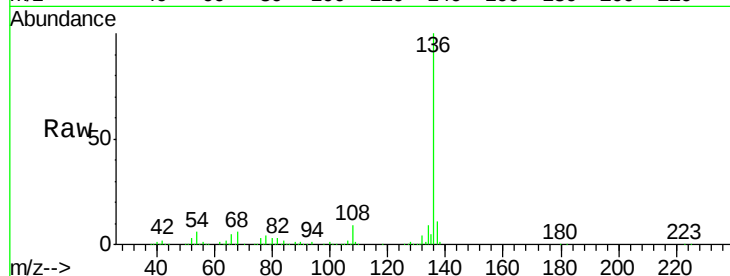
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 6.0 5.0 7.6

68 6.0 4.9 7.3

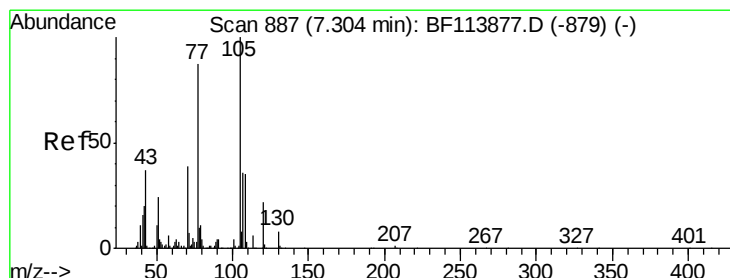
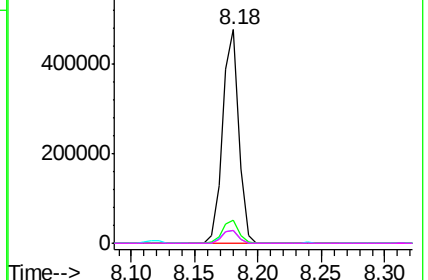
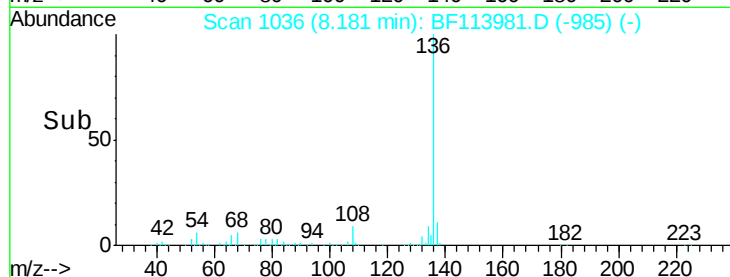


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 45.301 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Tgt Ion:105 Resp: 427636

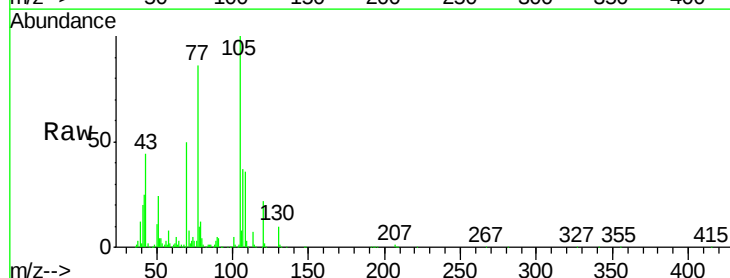
Ion Ratio Lower Upper

105 100

71 8.4 6.1 9.1

51 23.6 16.8 25.2

120 21.9 17.6 26.4

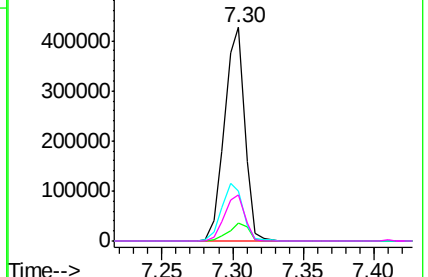
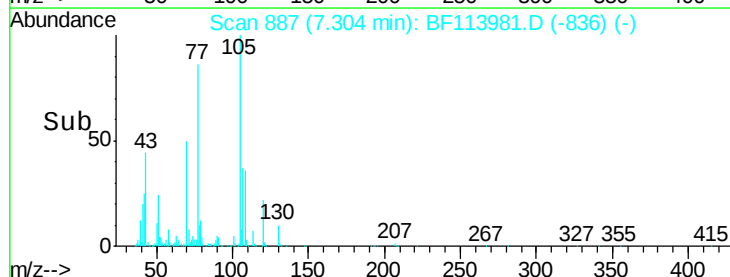


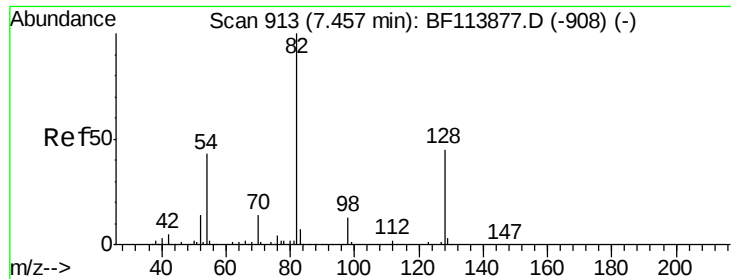
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

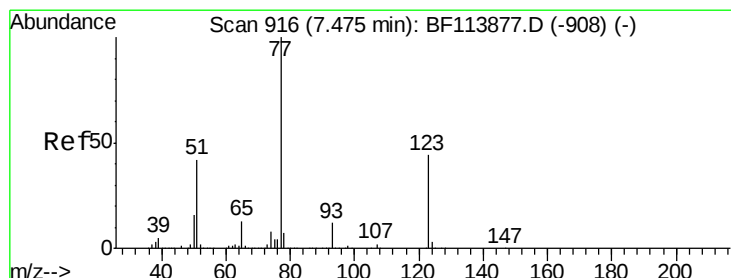
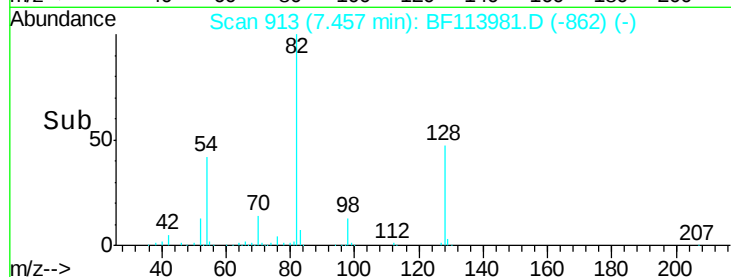
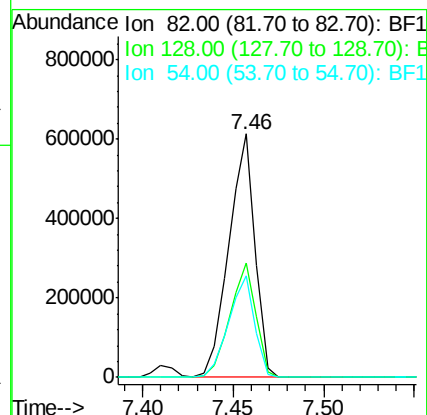
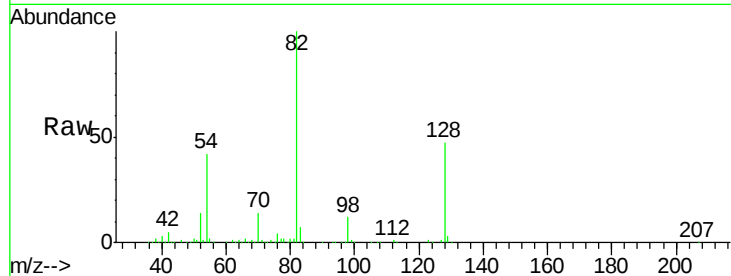




#23
Nitrobenzene-d5
Concen: 88.911 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

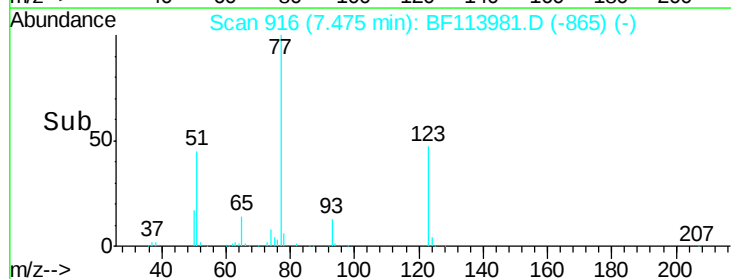
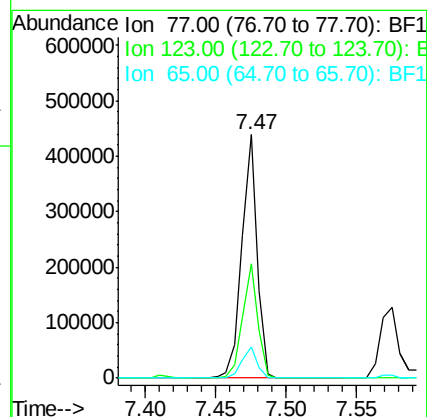
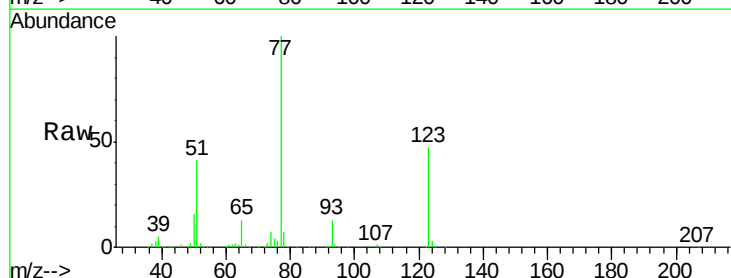
Instrument :
BNA_F
ClientSampleId :

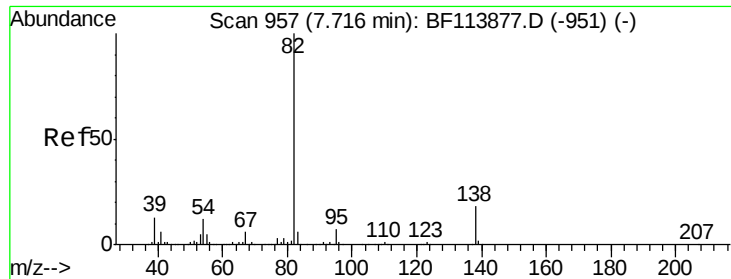
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.8	55.2
54	41.9	33.8	50.6



#24
Nitrobenzene
Concen: 43.920 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	36.3	54.5
65	12.7	10.3	15.5





#25

Isophorone

Concen: 42.741 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

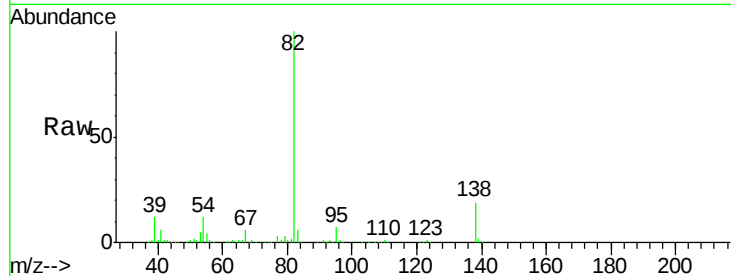
Tot Ion: 82 Resp: 600846

Ion Ratio Lower Upper

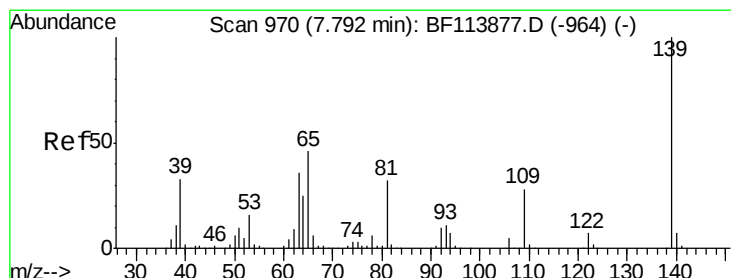
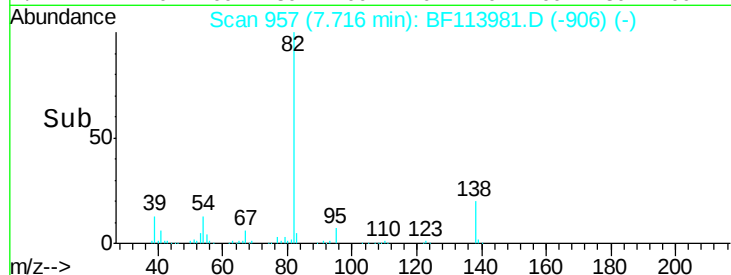
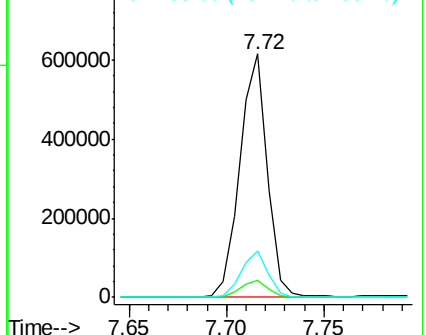
82 100

95 6.9 5.4 8.2

138 19.0 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: 48.862 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

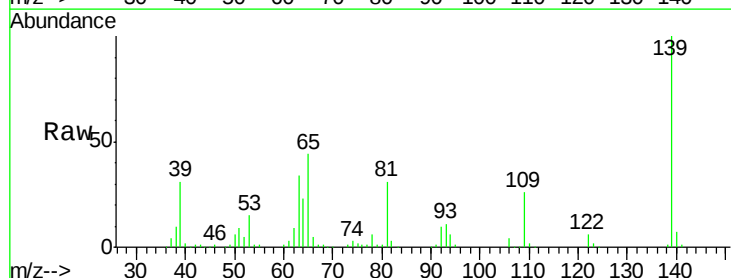
Tgt Ion: 139 Resp: 169221

Ion Ratio Lower Upper

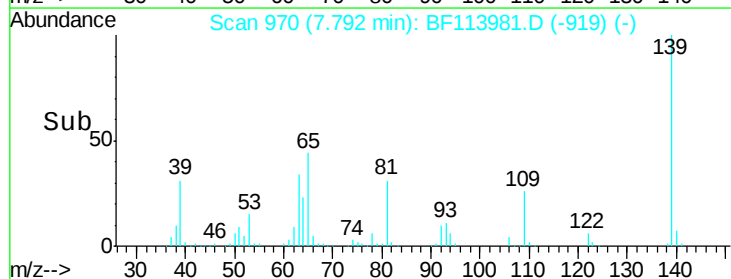
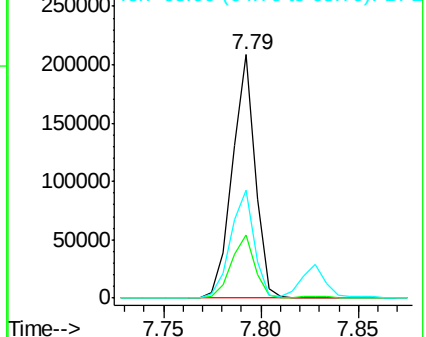
139 100

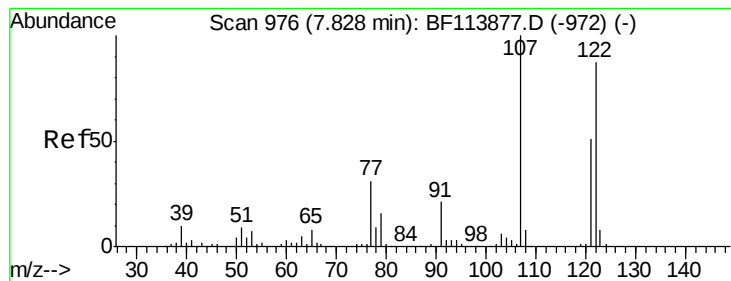
109 25.9 20.6 31.0

65 44.5 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: 47.856 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampled :

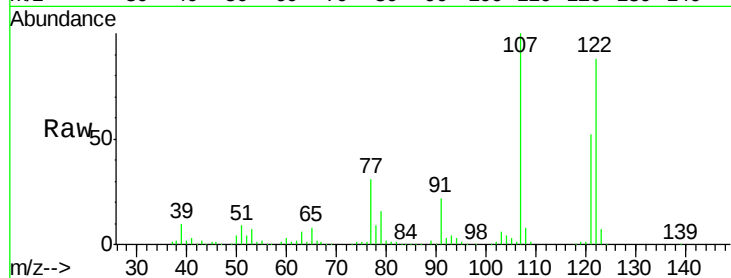
Tot Ion:122 Resp: 270030

Ion Ratio Lower Upper

122 100

107 113.8 91.2 136.8

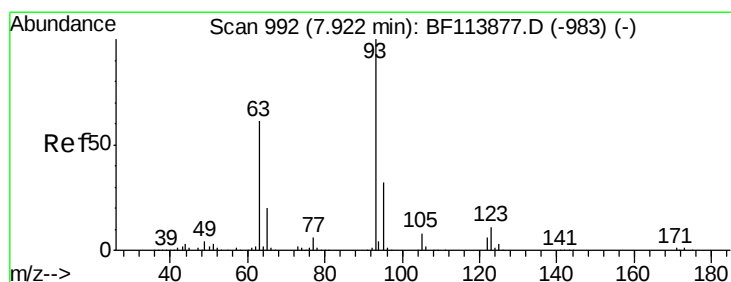
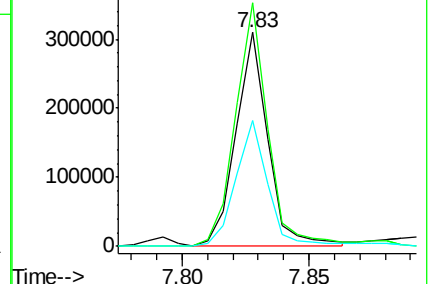
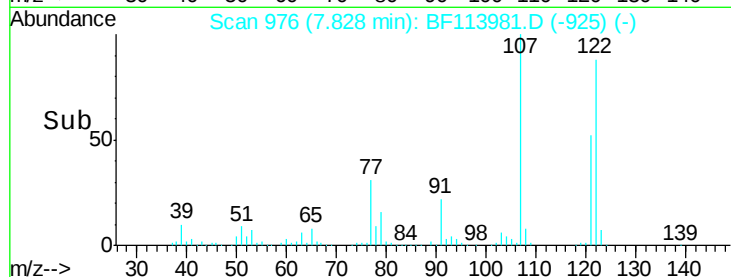
121 59.0 46.4 69.6



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: 42.176 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

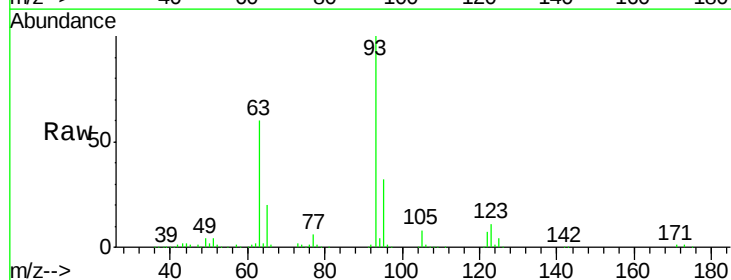
Tgt Ion: 93 Resp: 377814

Ion Ratio Lower Upper

93 100

95 31.7 25.8 38.6

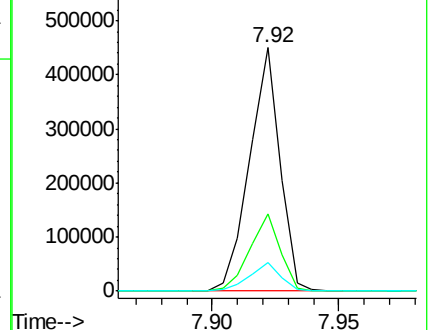
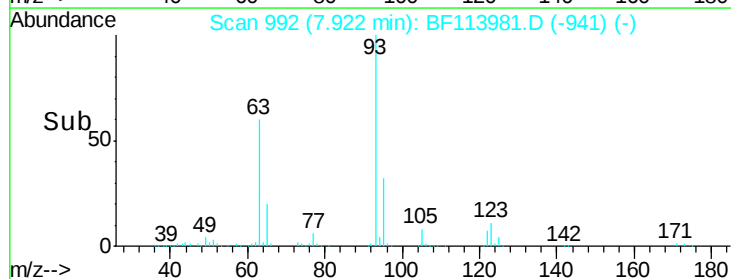
123 11.5 9.0 13.6

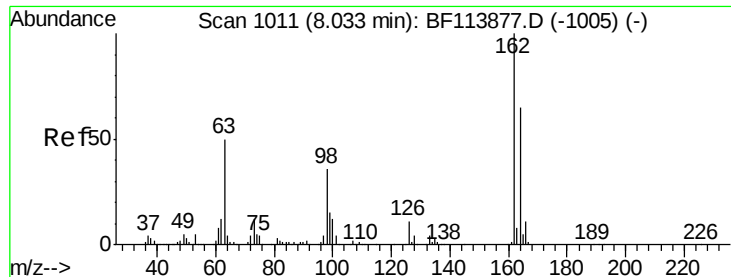


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

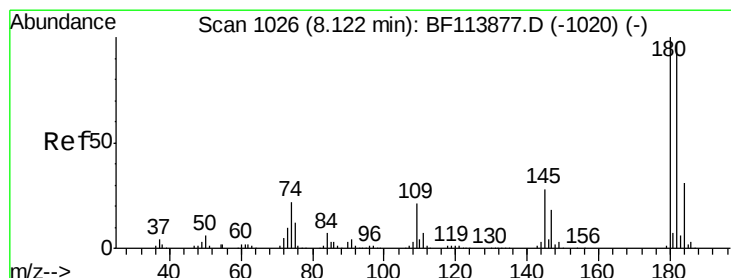
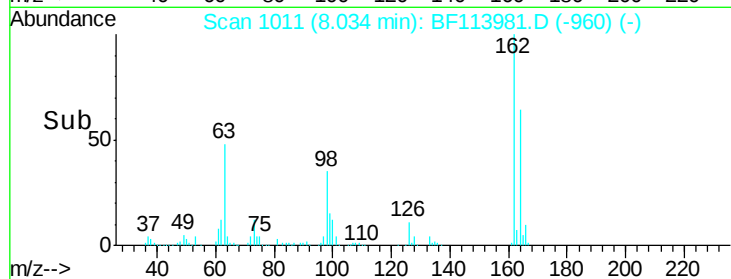
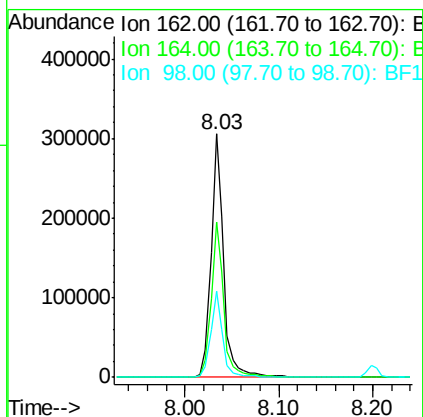
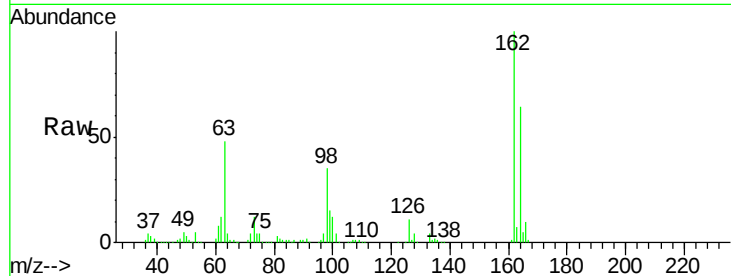




#29
2,4-Dichlorophenol
Concen: 44.960 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

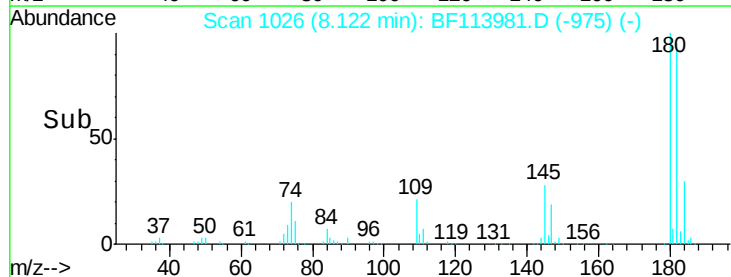
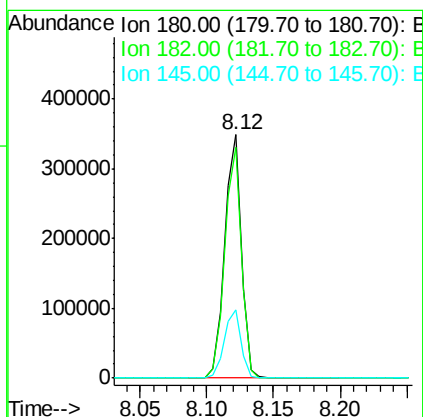
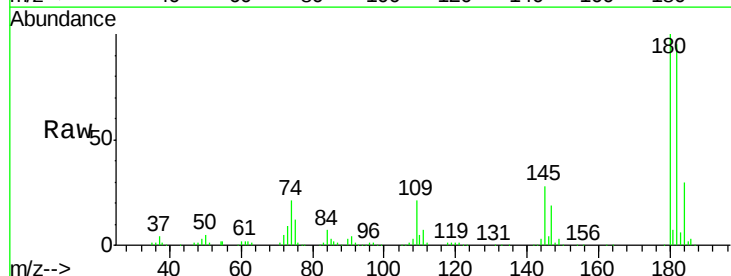
Instrument :
BNA_F
ClientSampleId :

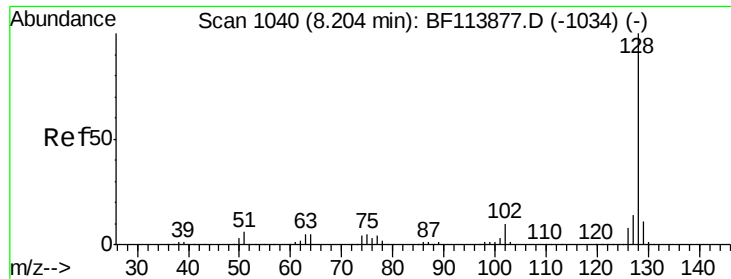
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.7	83.7
98	35.4	15.5	55.5



#30
1,2,4-Trichlorobenzene
Concen: 43.114 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.4	113.0
145	28.0	23.0	34.4

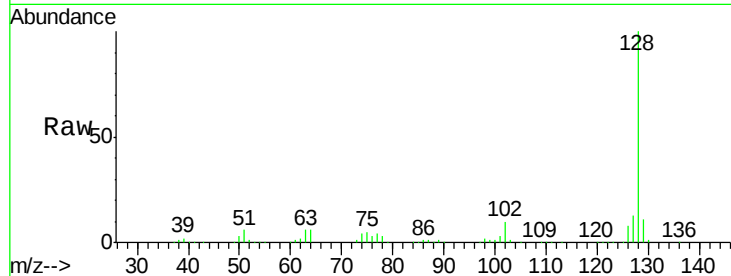




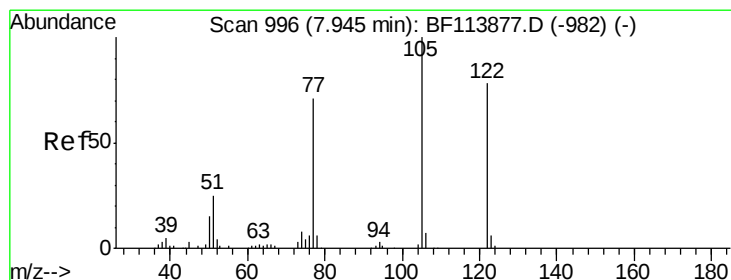
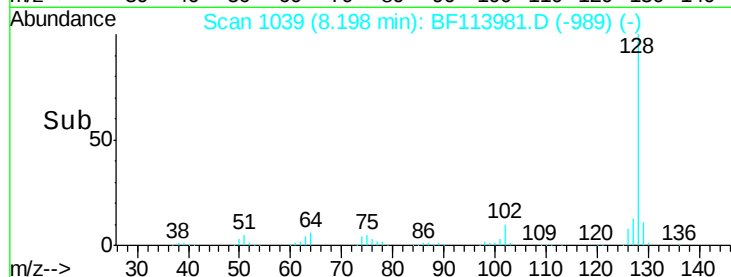
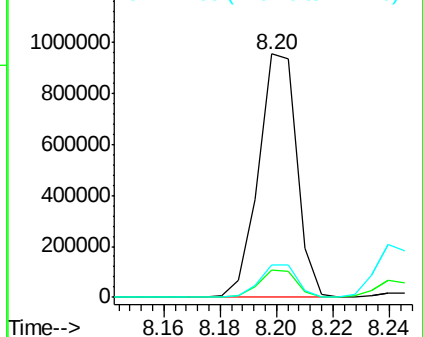
#31
Naphthalene
Concen: 44.666 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 900103
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.3 10.8 16.2

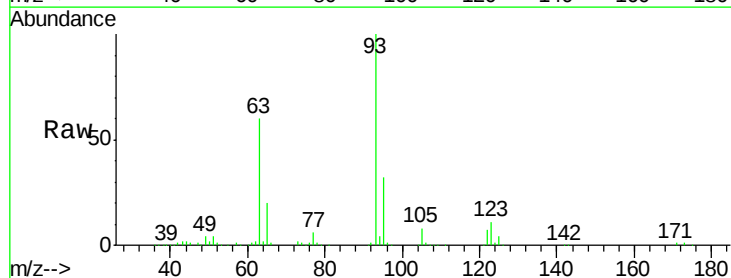


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

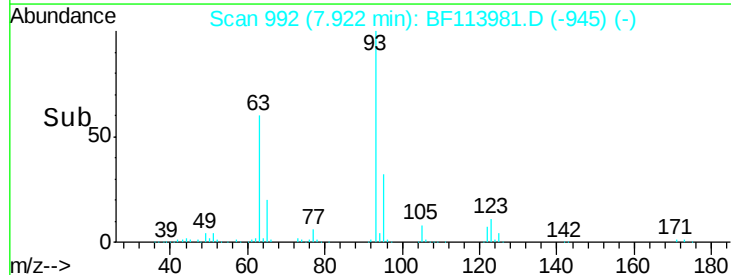
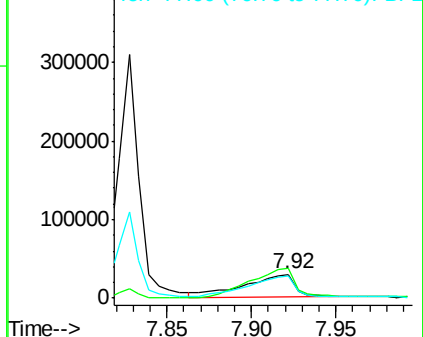


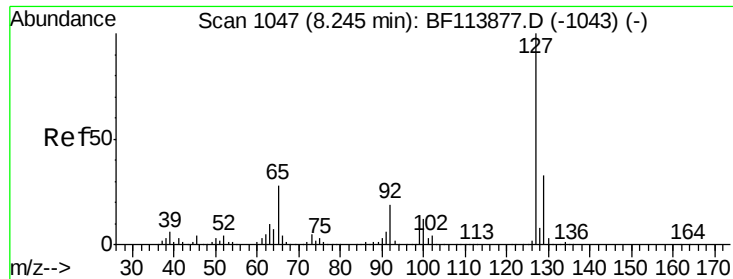
#32
Benzoic acid
Concen: 15.617 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion:122 Resp: 59510
Ion Ratio Lower Upper
122 100
105 123.6 104.3 144.3
77 92.2 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

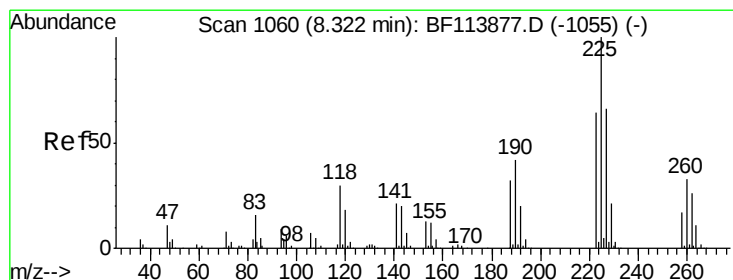
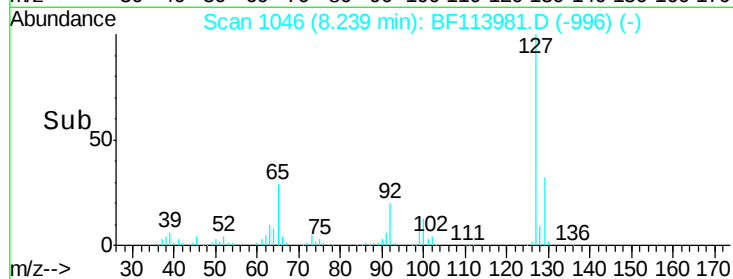
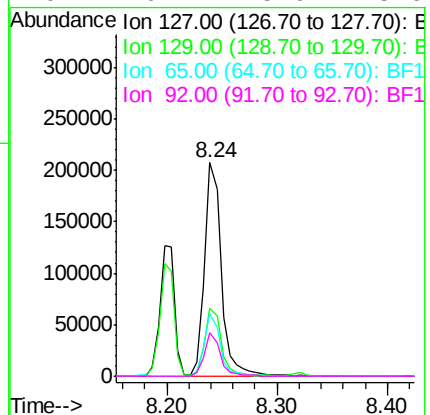
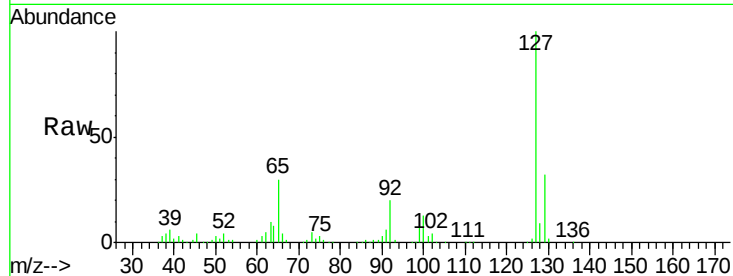




#33
4-Chloroaniline
Concen: 24.828 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

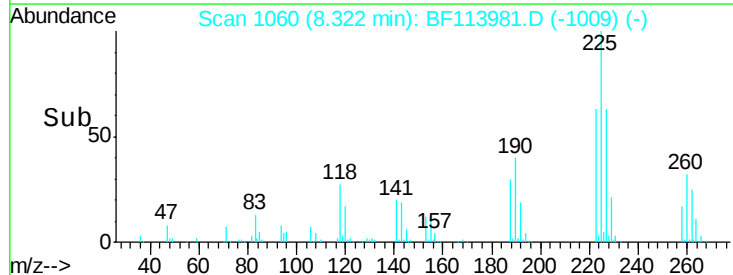
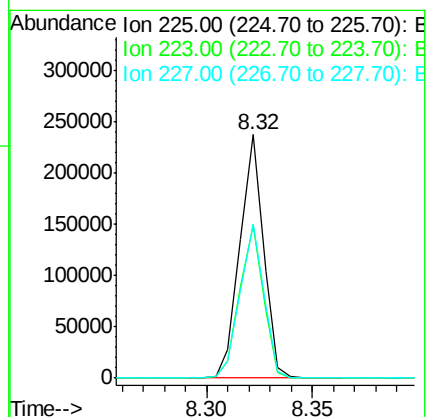
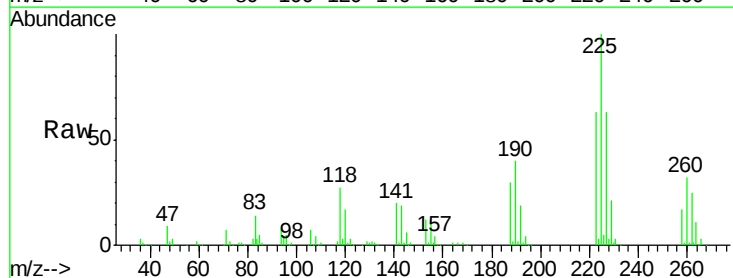
Instrument :
BNA_F
ClientSampleId :

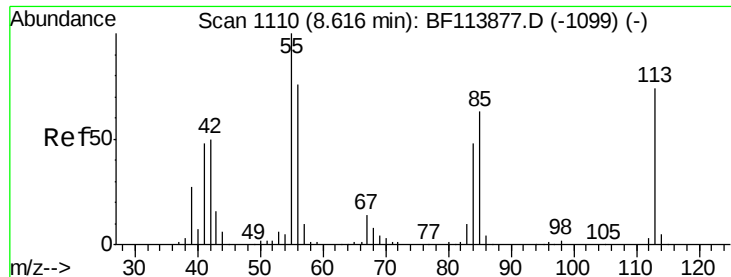
Tot Ion:	127	Resp:	211707
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.4	39.6
65	29.5	24.9	37.3
92	20.2	15.9	23.9



#34
Hexachlorobutadiene
Concen: 40.880 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion:	225	Resp:	183345
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.1	76.7
227	63.2	49.9	74.9

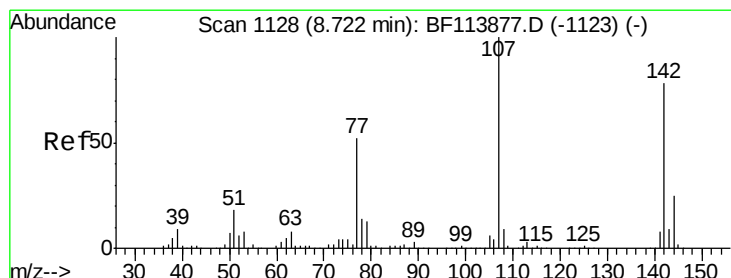
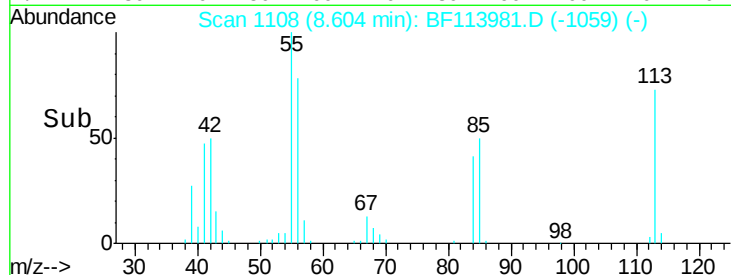
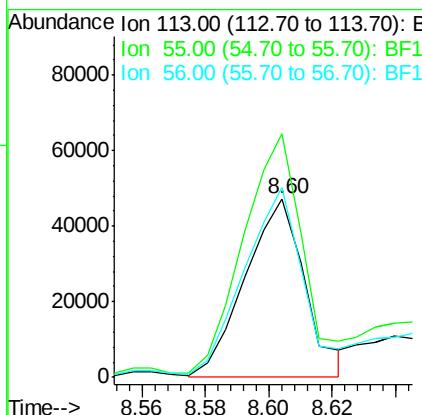
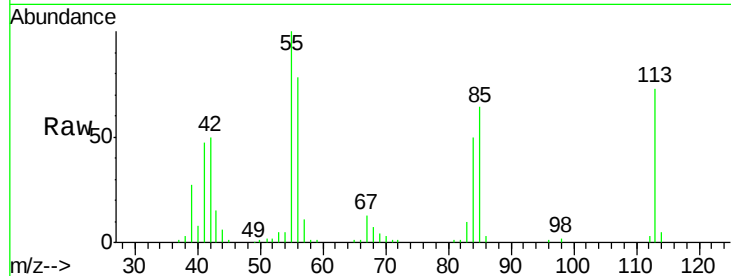




#35
 Caprolactam
 Concen: 30.053 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

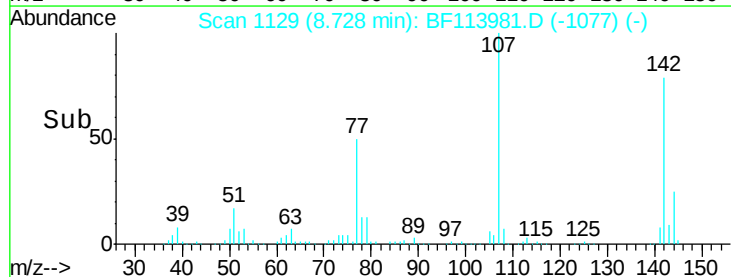
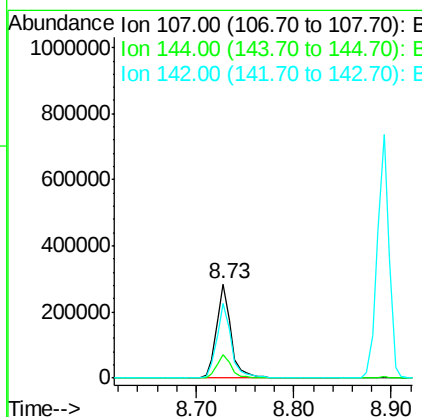
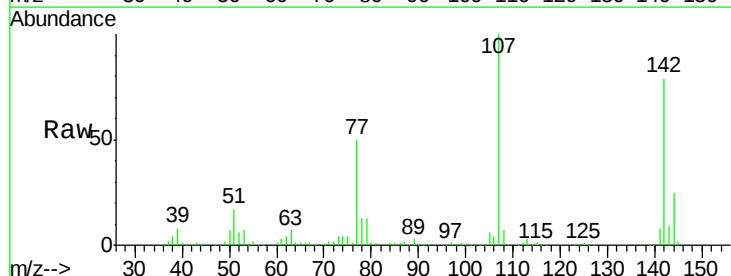
Instrument :
 BNA_F
 ClientSampleId :

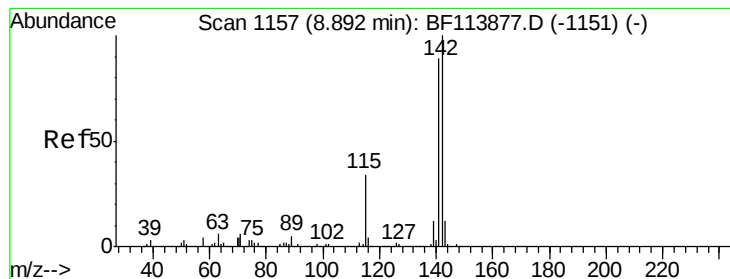
Tot Ion:113 Resp: 61687
 Ion Ratio Lower Upper
 113 100
 55 136.4 128.6 168.6
 56 106.2 91.9 131.9



#36
 4-Chloro-3-methylphenol
 Concen: 46.083 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Tgt Ion:107 Resp: 294591
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 79.5 64.2 96.4





#37

2-Methylnaphthalene

Concen: 45.193 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

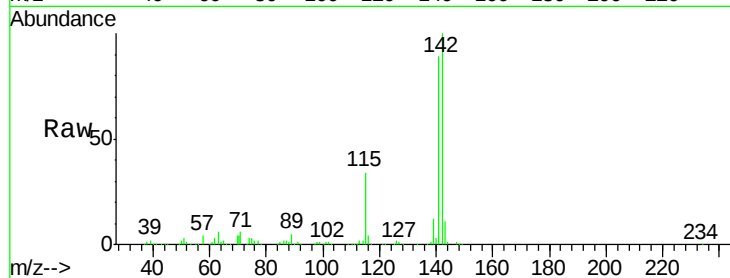
Tot Ion:142 Resp: 614141

Ion Ratio Lower Upper

142 100

141 89.2 70.4 105.6

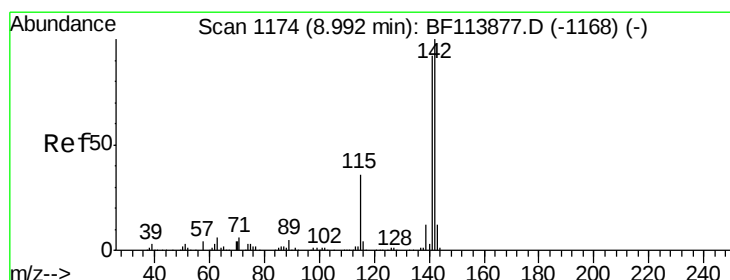
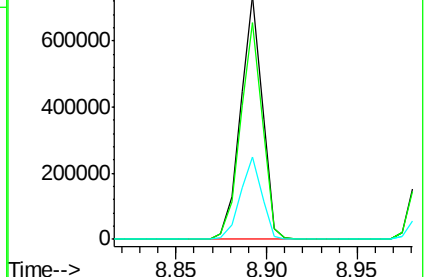
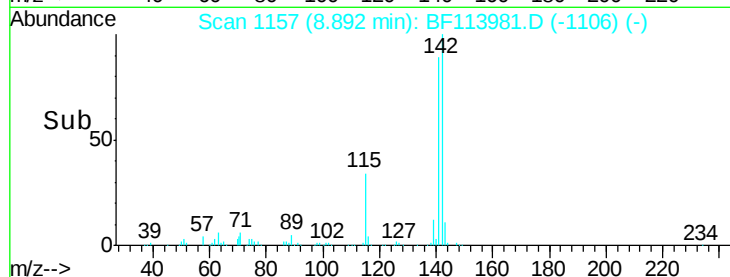
115 34.0 26.3 39.5



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: 44.372 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

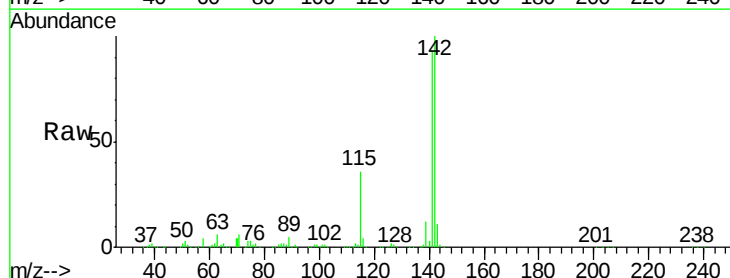
Tgt Ion:142 Resp: 581982

Ion Ratio Lower Upper

142 100

141 93.2 72.3 108.5

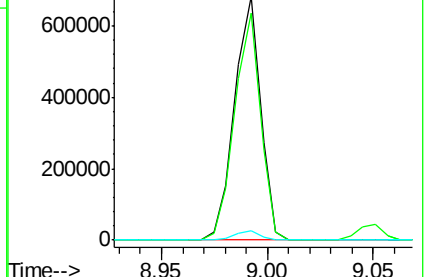
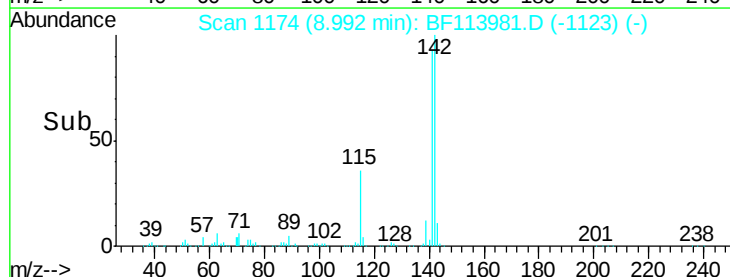
116 3.7 3.0 4.4

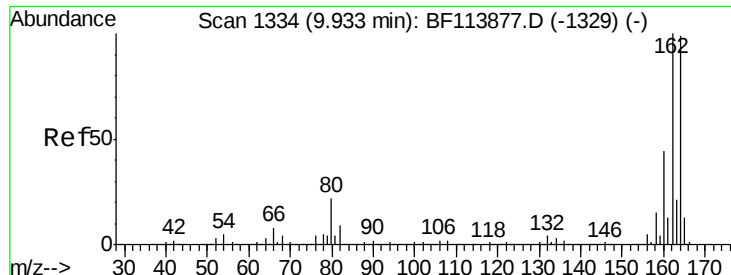


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

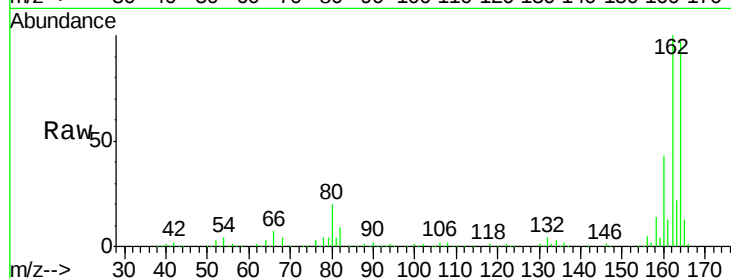
Tot Ion:164 Resp: 230250

Ion Ratio Lower Upper

164 100

162 103.2 81.1 121.7

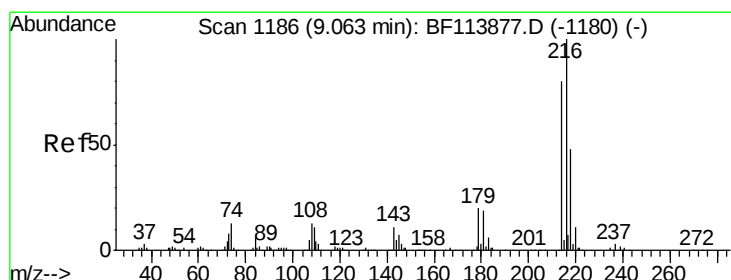
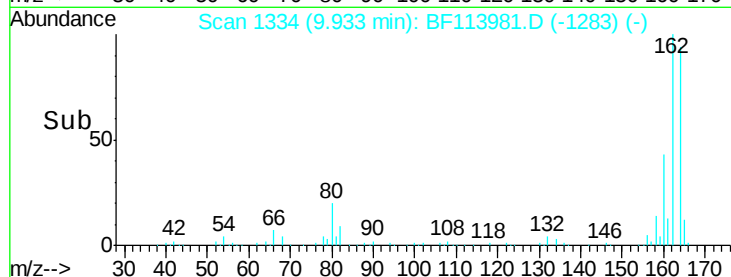
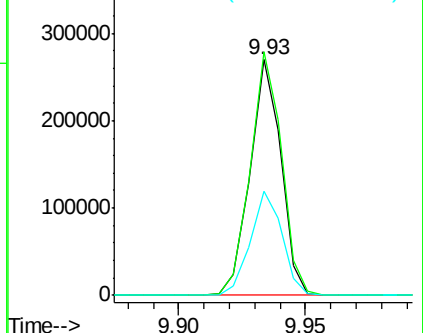
160 43.9 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.066 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Tgt Ion:216 Resp: 314621

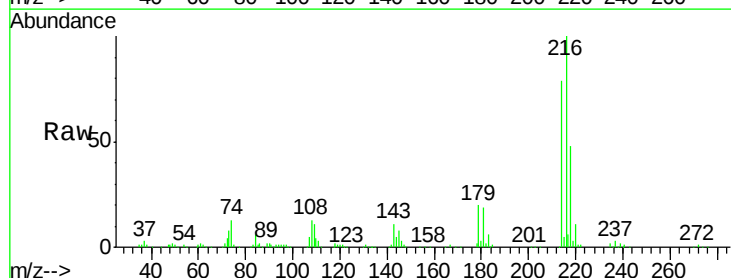
Ion Ratio Lower Upper

216 100

214 79.0 63.5 95.3

179 20.7 16.1 24.1

108 17.7 13.4 20.0

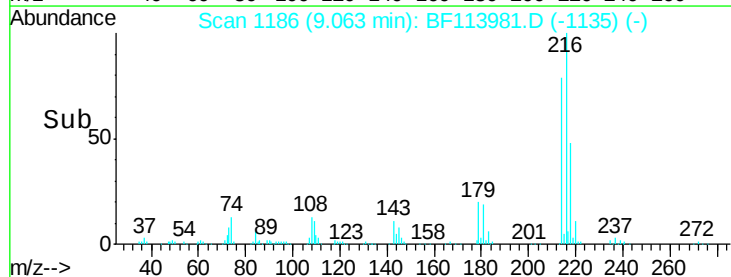
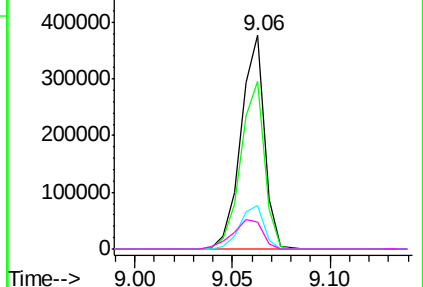


Abundance Ion 216.00 (215.70 to 216.70): E

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

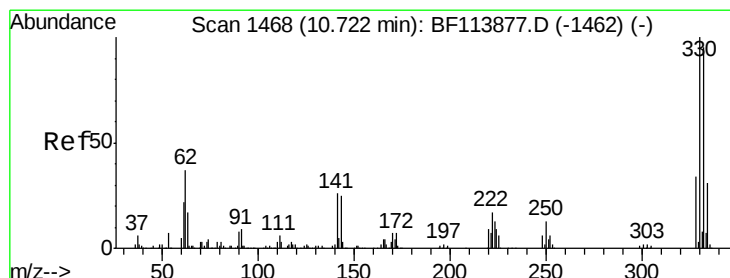
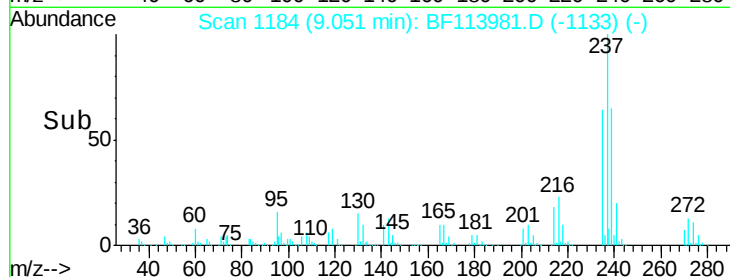
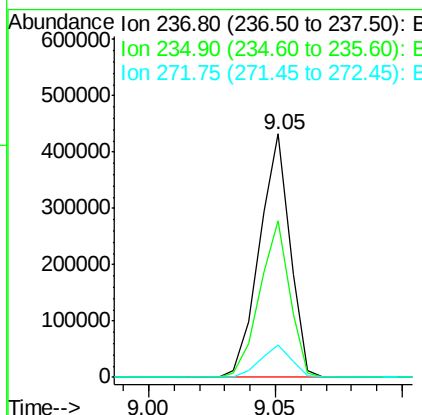
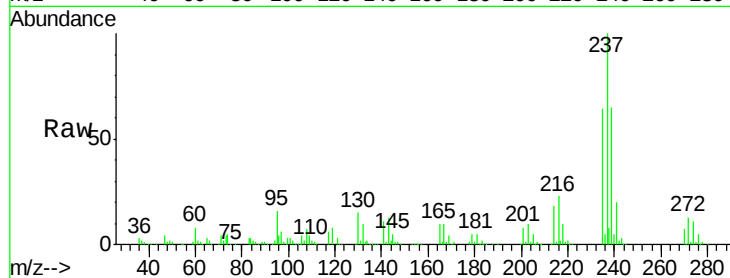




#41
Hexachlorocyclopentadiene
Concen: 87.459 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

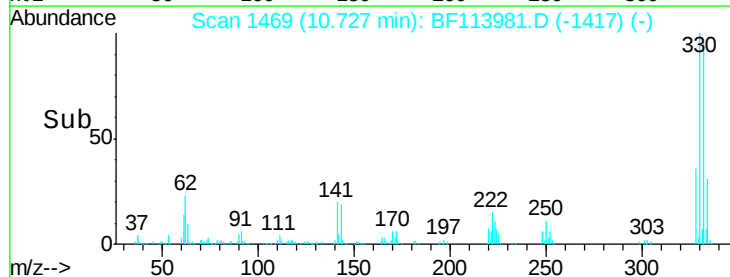
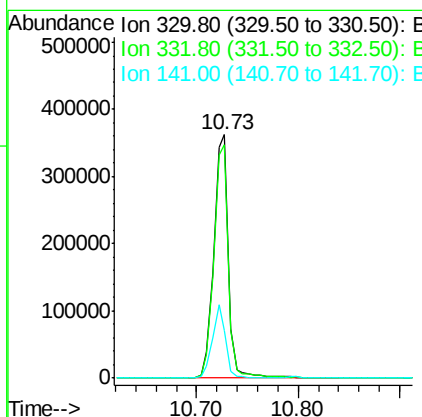
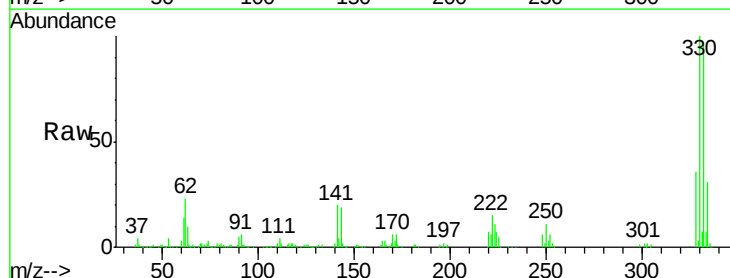
Instrument :
BNA_F
ClientSampleId :

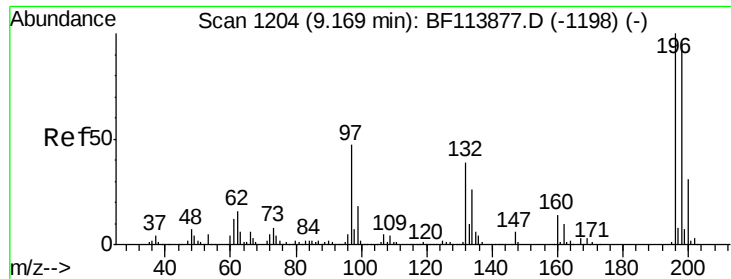
Tot Ion	Ratio	Lower	Upper
237	100		
235	64.1	42.6	82.6
272	13.4	0.0	33.8



#42
2,4,6-Tribromophenol
Concen: 129.734 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.5	116.3
141	27.3	22.2	33.2

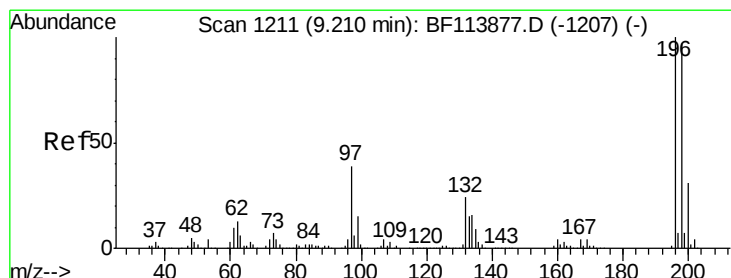
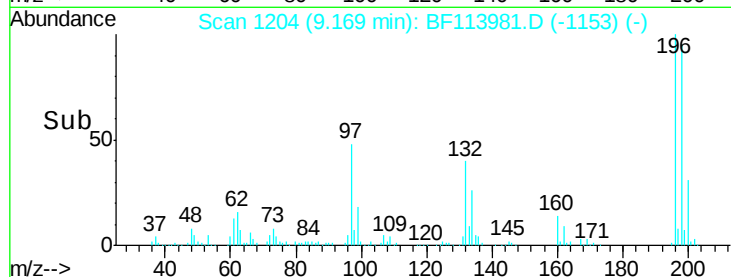
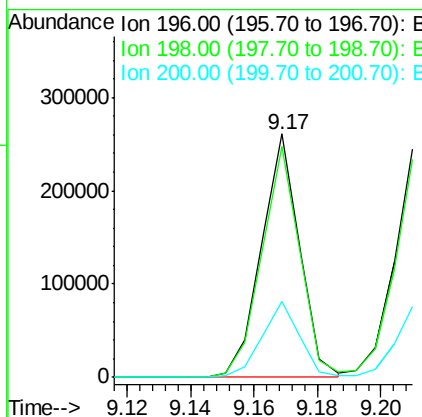
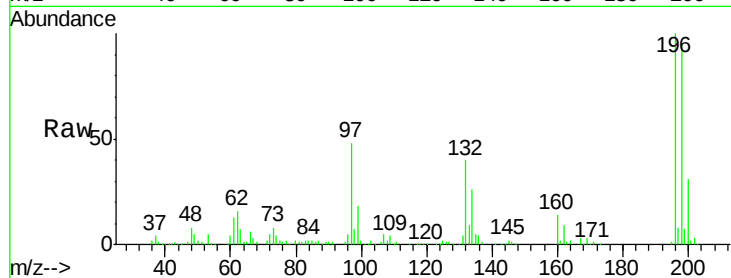




#43
 2,4,6-Trichlorophenol
 Concen: 45.948 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

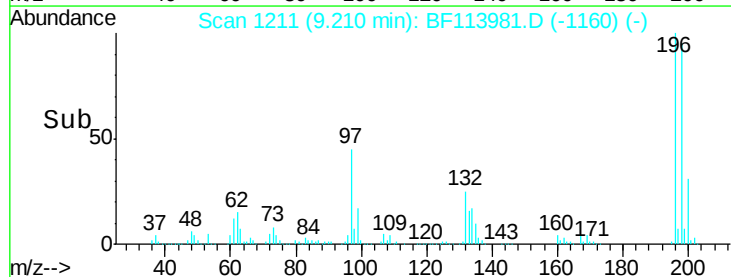
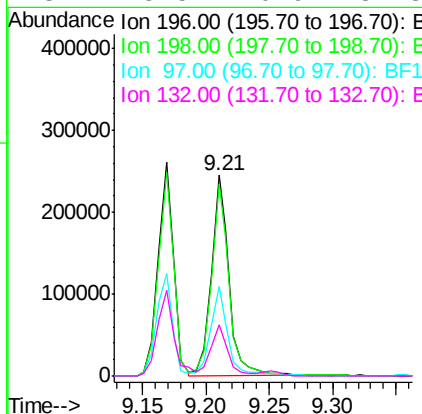
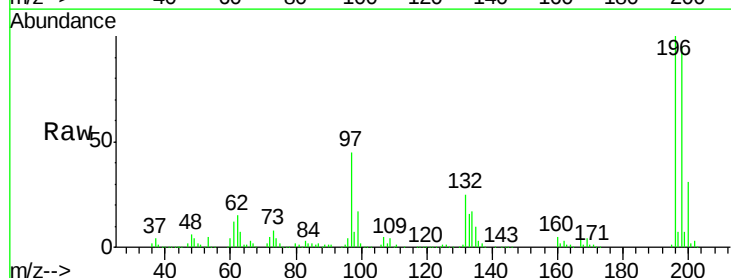
Instrument :
 BNA_F
 ClientSampleId :

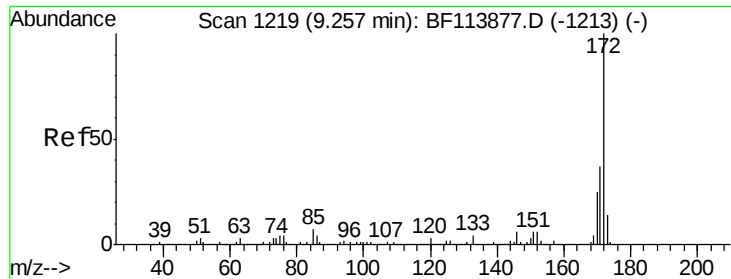
Tot Ion:196 Resp: 218222
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.6 113.4
 200 31.1 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.430 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Tgt Ion:196 Resp: 242010
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.2 114.4
 97 44.5 35.8 53.8
 132 25.5 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 83.341 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

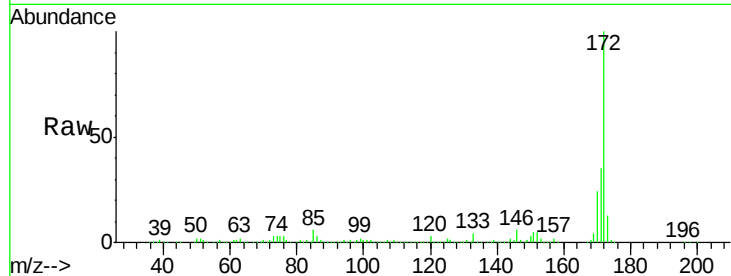
Tot Ion:172 Resp: 1226908

Ion Ratio Lower Upper

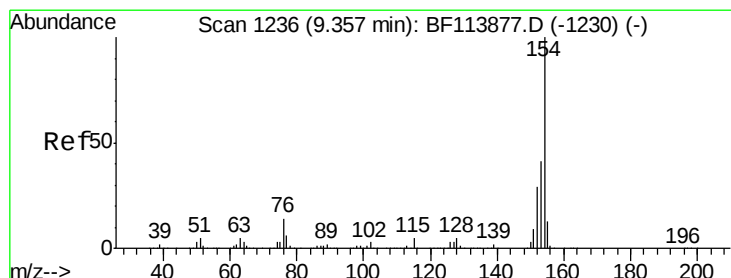
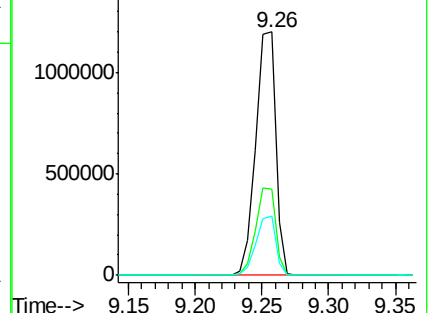
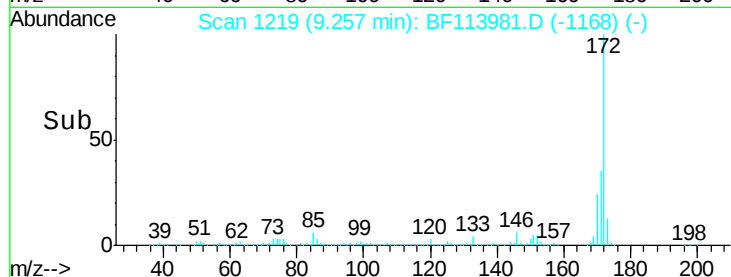
172 100

171 35.2 29.4 44.0

170 24.3 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: 44.148 ng

RT: 9.36 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

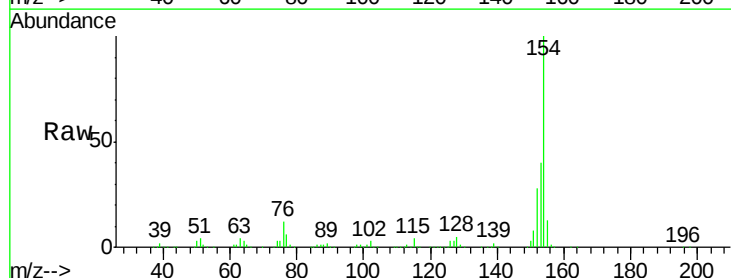
Tgt Ion:154 Resp: 776541

Ion Ratio Lower Upper

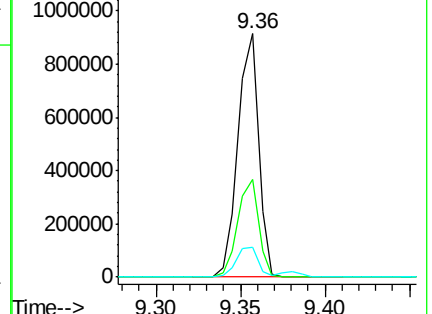
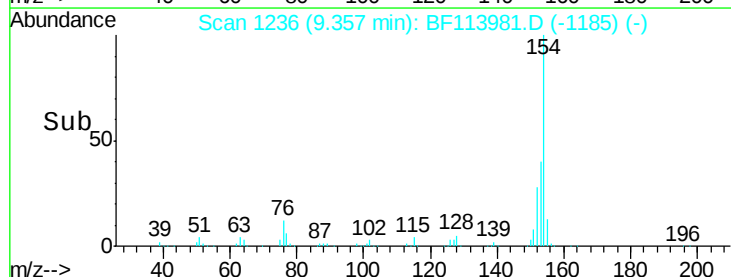
154 100

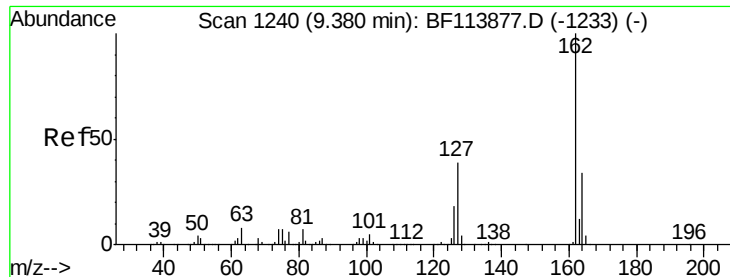
153 40.3 20.8 60.8

76 12.2 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

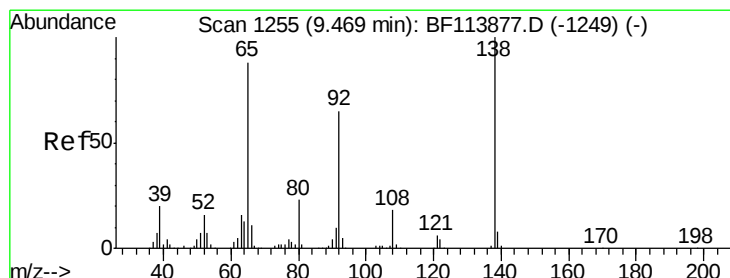
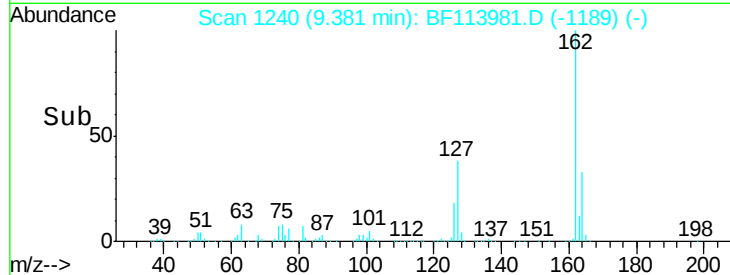
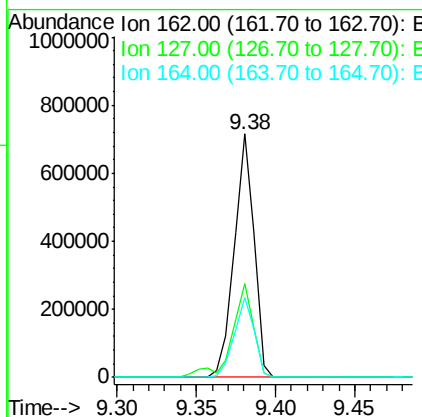
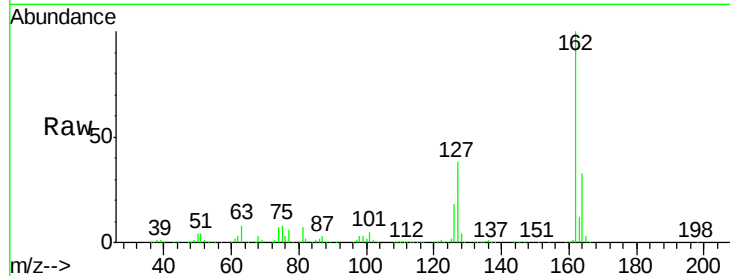




#47
 2-Chloronaphthalene
 Concen: 43.266 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

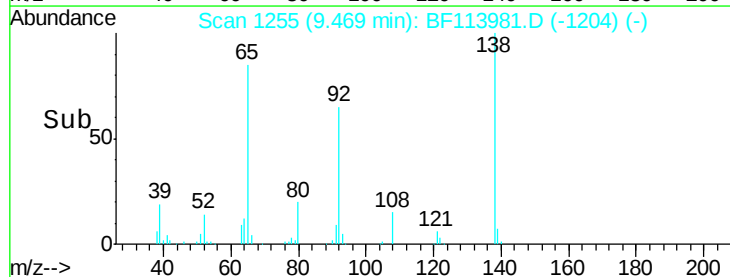
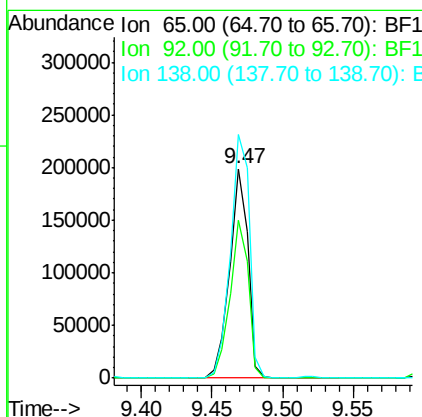
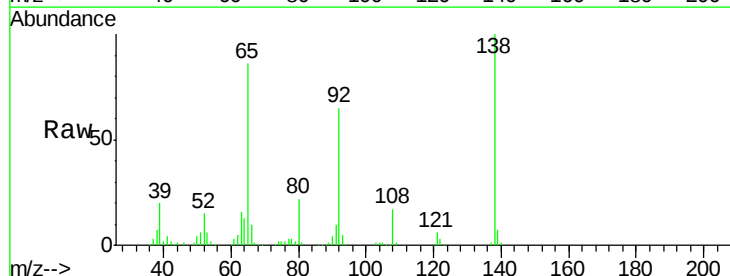
Instrument :
 BNA_F
 ClientSampleId :

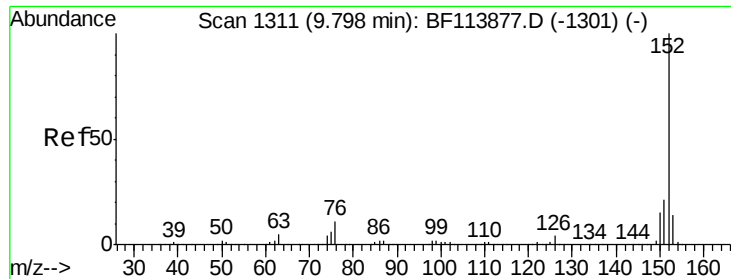
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	29.3	43.9
164	33.0	27.1	40.7



#48
 2-Nitroaniline
 Concen: 48.048 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.7	57.4	86.0
138	116.3	85.4	128.0





#49

Acenaphthylene

Concen: 43.380 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

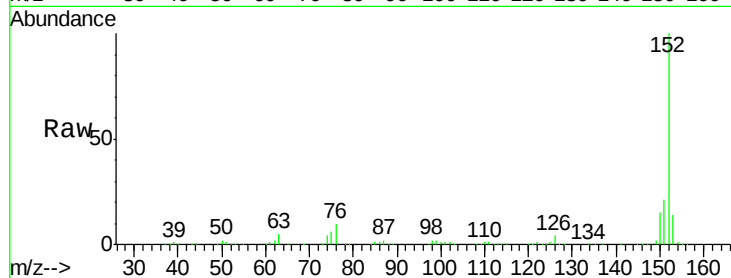
Tot Ion:152 Resp: 971416

Ion Ratio Lower Upper

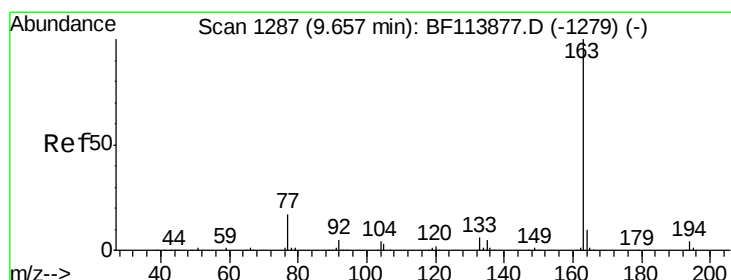
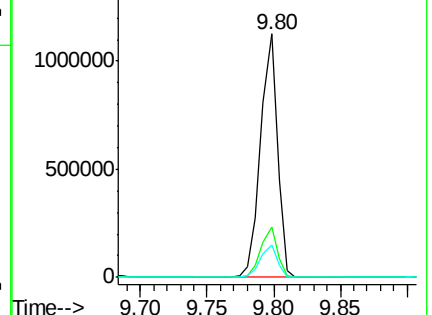
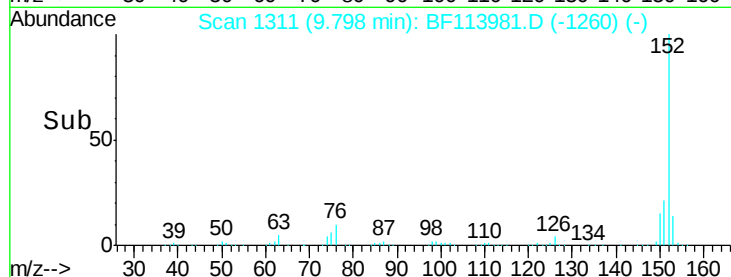
152 100

151 20.6 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: 56.411 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

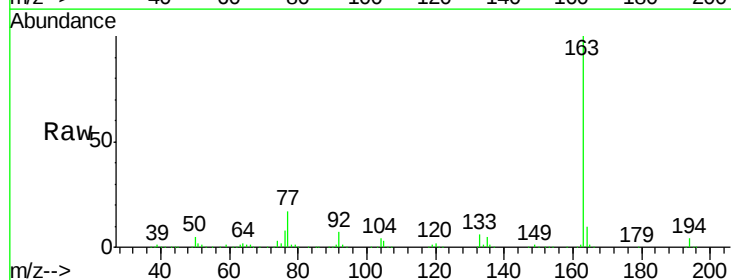
Tgt Ion:163 Resp: 939359

Ion Ratio Lower Upper

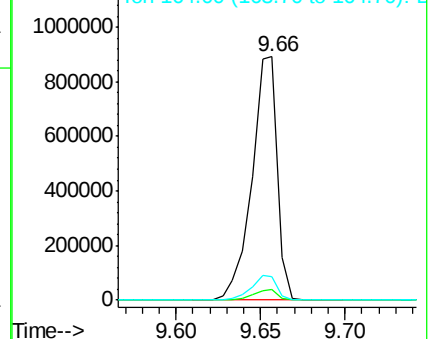
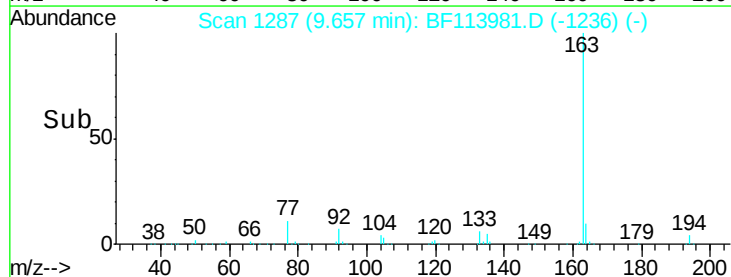
163 100

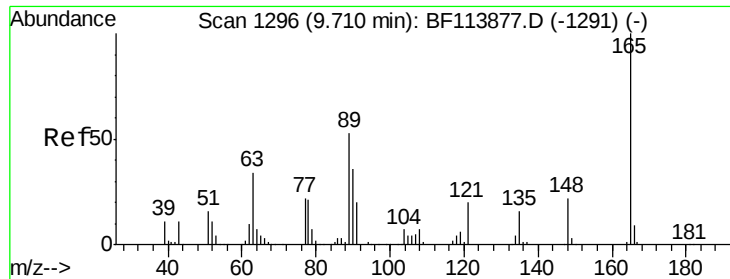
194 4.3 3.4 5.2

164 9.7 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

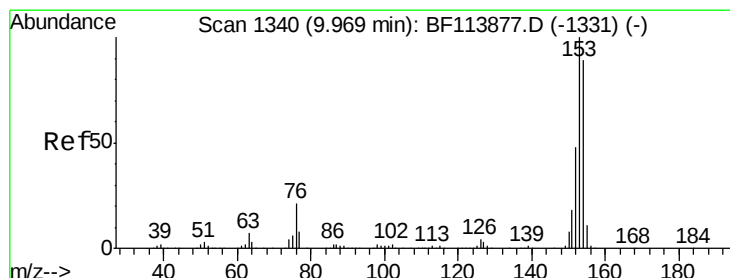
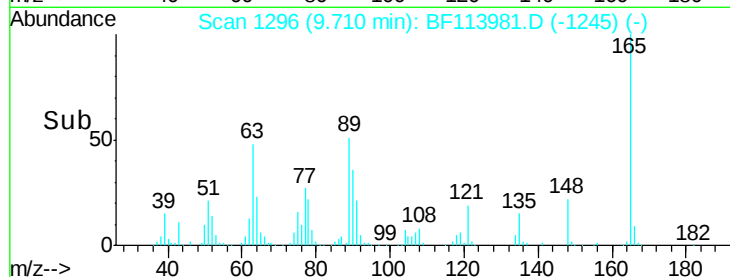
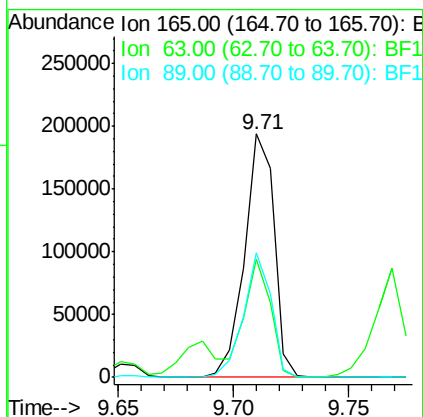
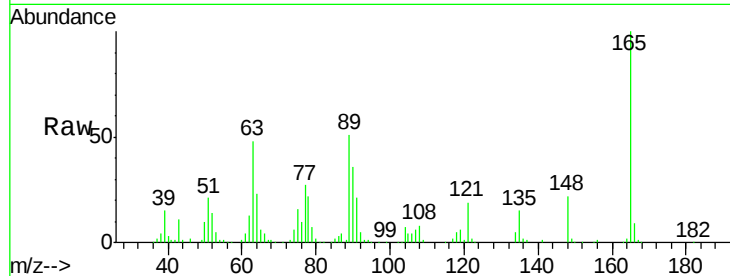




#51
 2,6-Dinitrotoluene
 Concen: 48.677 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

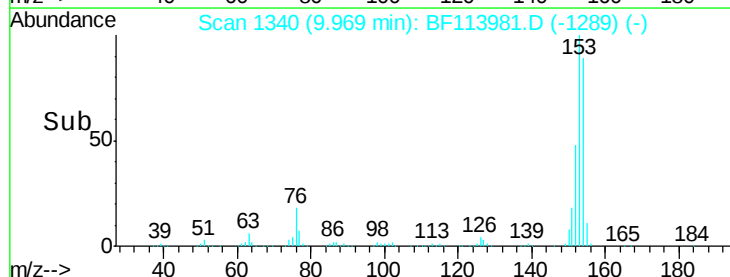
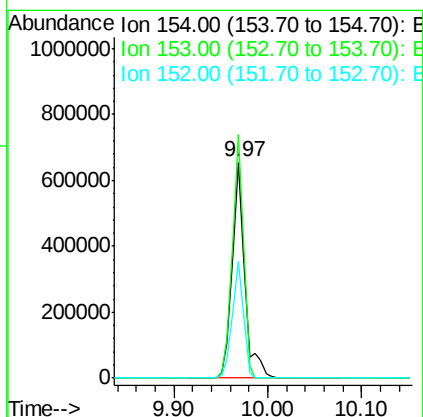
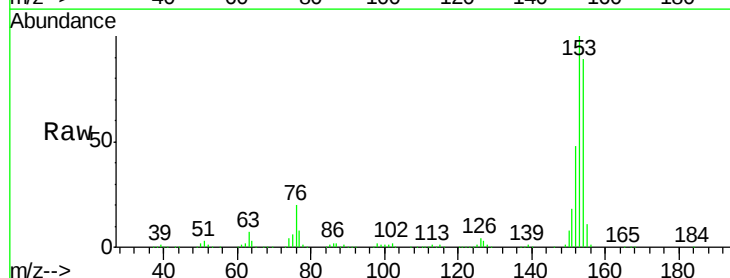
Instrument :
 BNA_F
 ClientSampled :

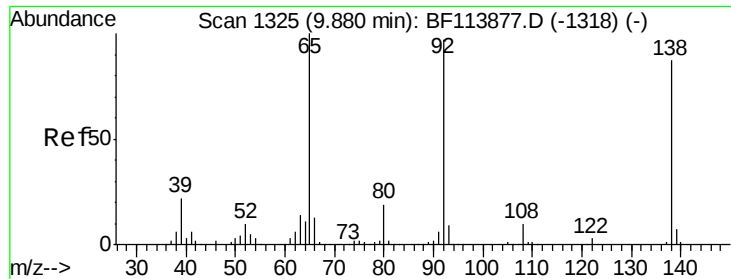
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.4	33.8	50.8
89	51.3	38.2	57.2



#52
 Acenaphthene
 Concen: 46.879 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	87.2	130.8
152	54.1	42.3	63.5

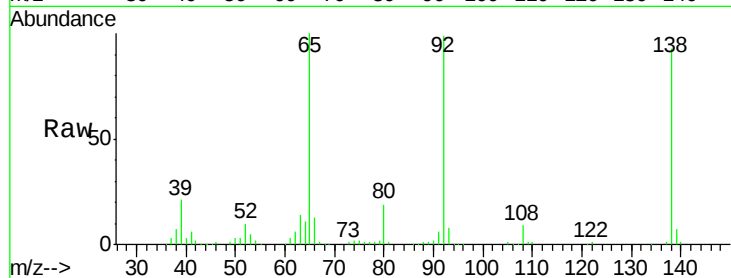




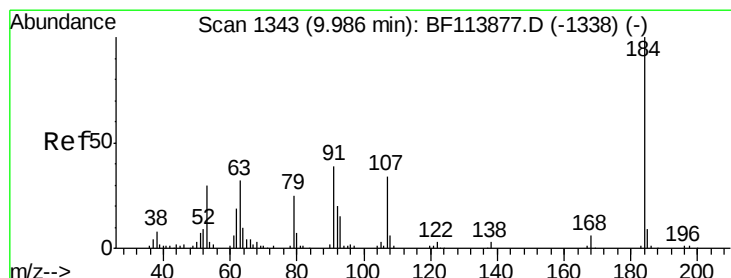
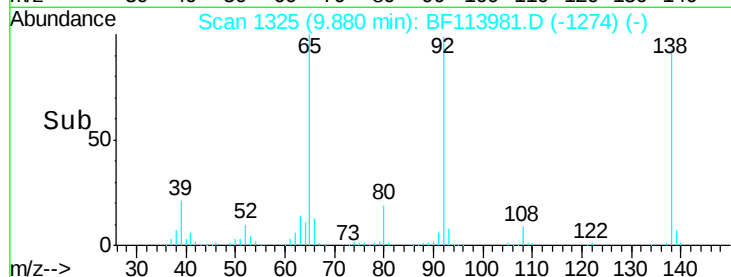
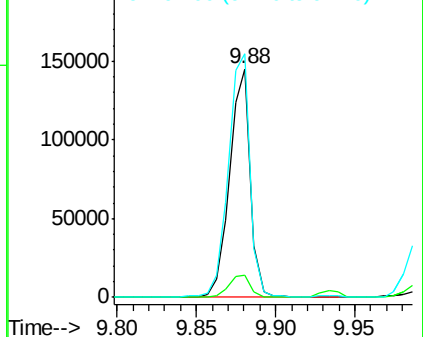
#53
3-Nitroaniline
Concen: 35.003 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 131403
Ion Ratio Lower Upper
138 100
108 9.6 9.4 14.2
92 106.6 94.1 141.1

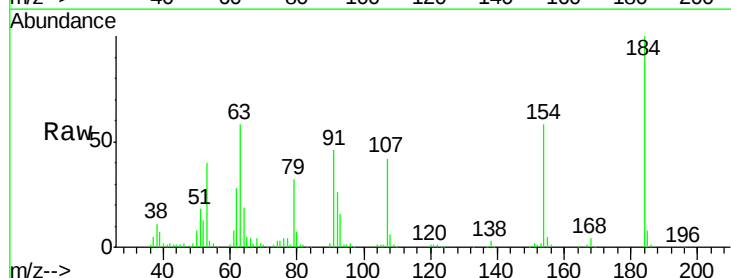


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

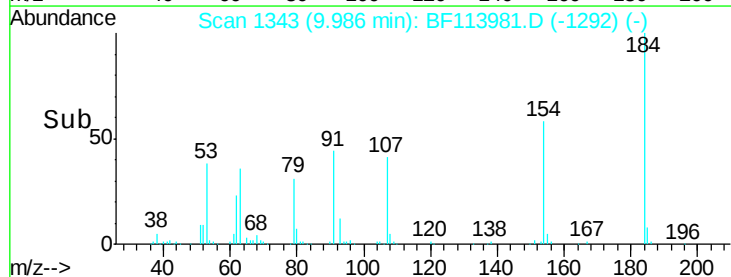
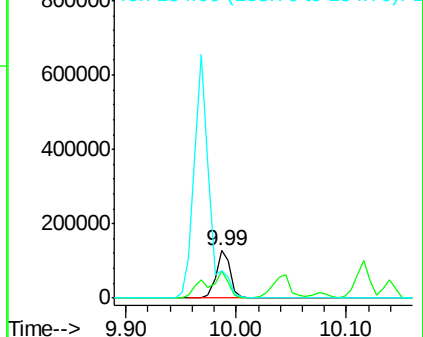


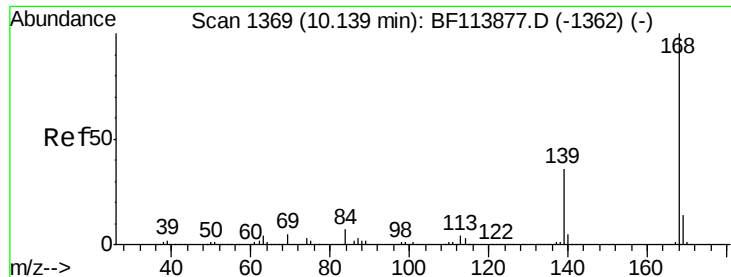
#54
2,4-Dinitrophenol
Concen: 75.516 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion:184 Resp: 115917
Ion Ratio Lower Upper
184 100
63 57.9 54.6 81.8
154 57.8 218.6 328.0#



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

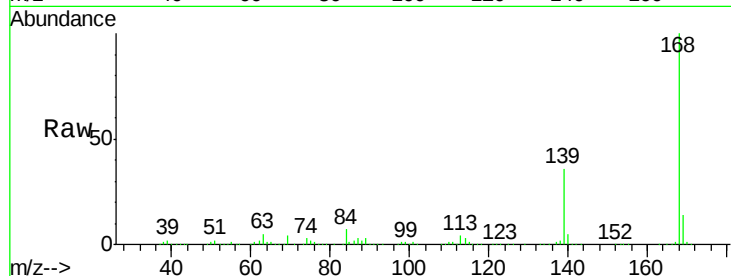




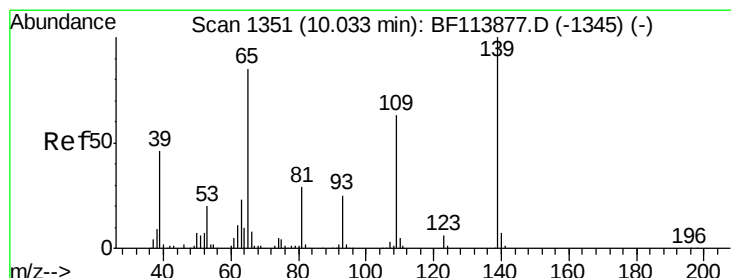
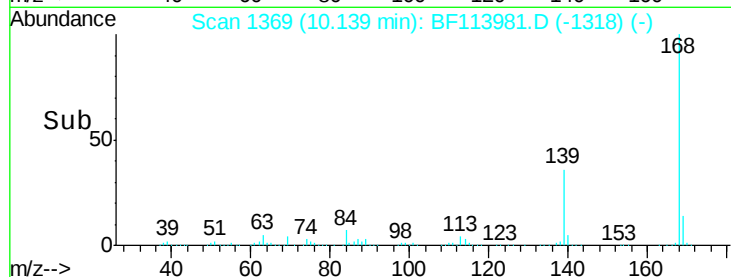
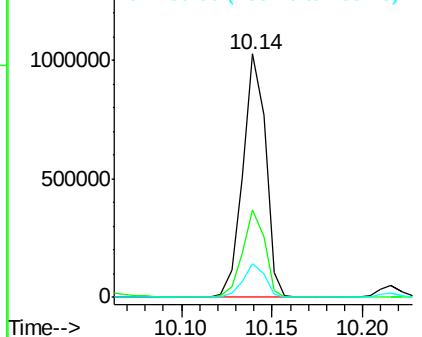
#55
Dibenzenofuran
Concen: 45.205 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 896126
Ion Ratio Lower Upper
168 100
139 36.1 27.8 41.6
169 13.7 11.0 16.6

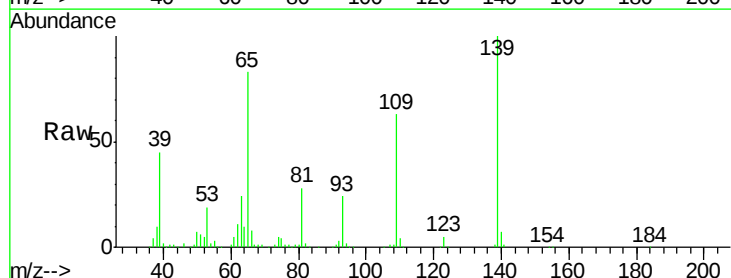


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

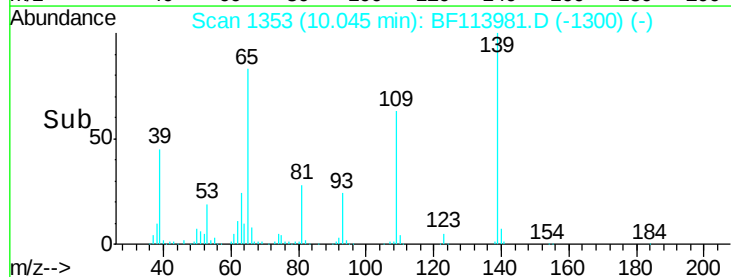
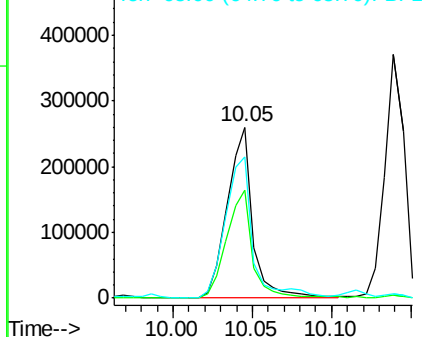


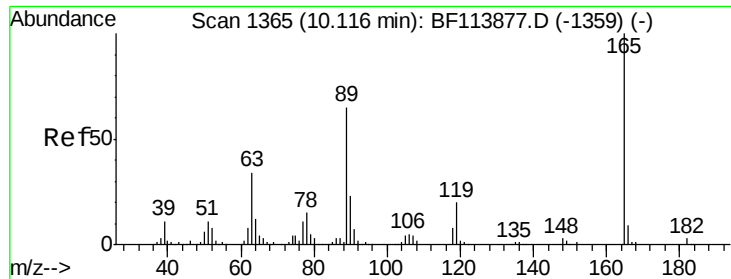
#56
4-Nitrophenol
Concen: 97.414 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion:139 Resp: 289551
Ion Ratio Lower Upper
139 100
109 63.3 42.9 82.9
65 82.8 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

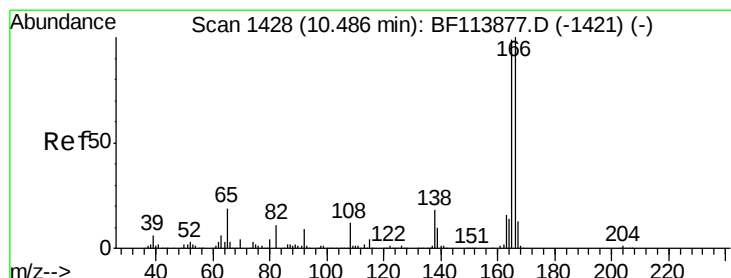
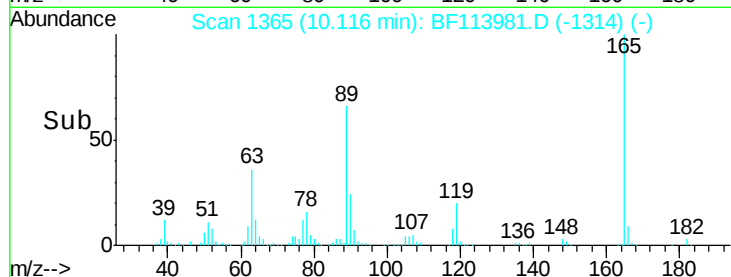
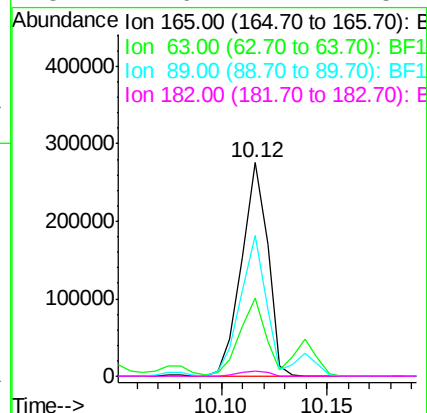
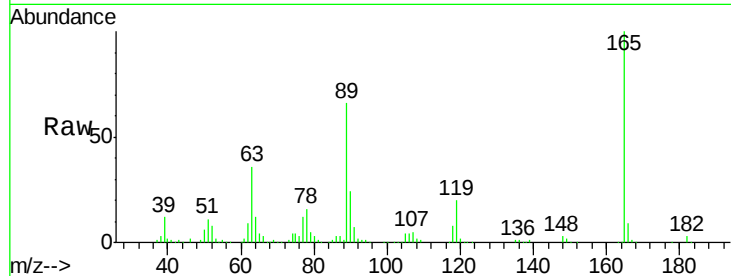




#57
2,4-Dinitrotoluene
Concen: 52.537 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

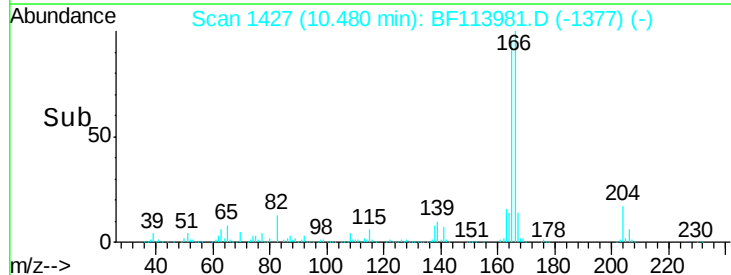
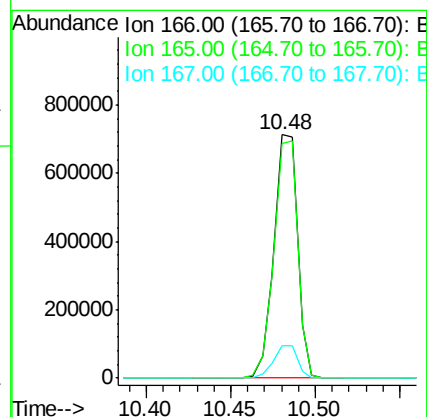
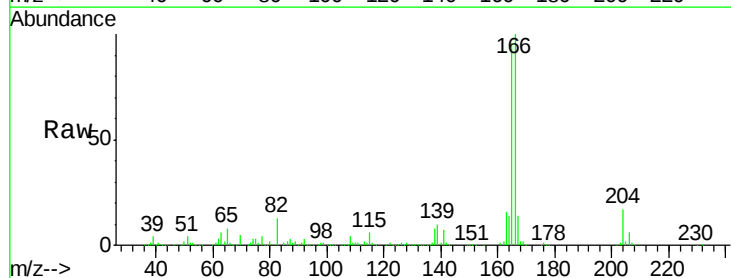
Instrument :
BNA_F
ClientSampleId :

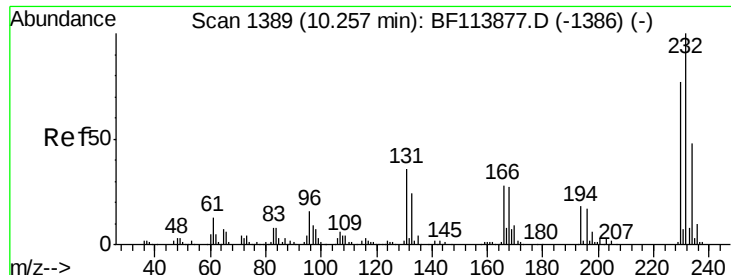
Tot Ion	Ratio	Lower	Upper
165	100		
63	36.3	27.4	41.0
89	65.8	51.8	77.6
182	2.6	2.2	3.2



#58
Fluorene
Concen: 46.316 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.4	78.4	117.6
167	13.5	10.9	16.3

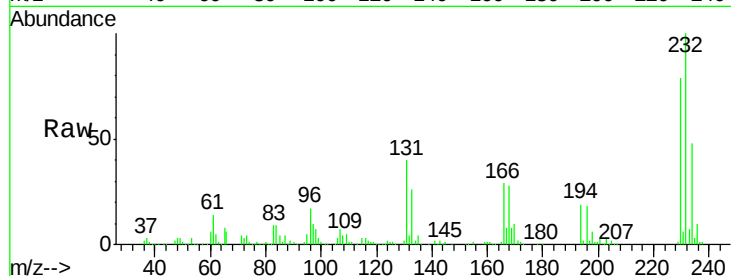




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.514 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.2	30.2	45.2
130	1.7	1.5	2.3
166	26.6	22.2	33.4

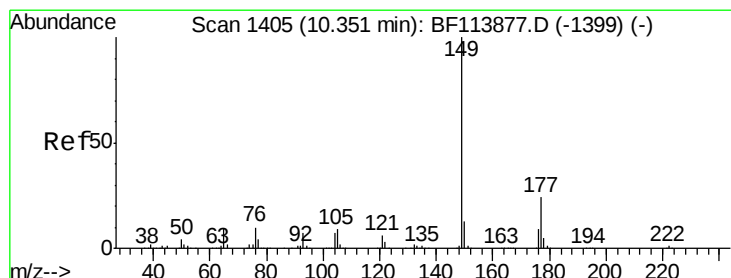
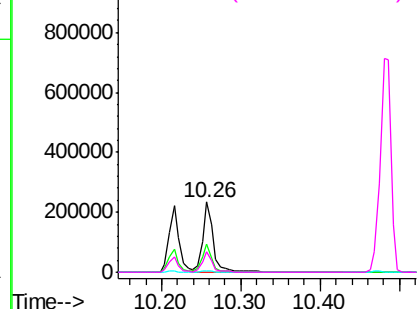
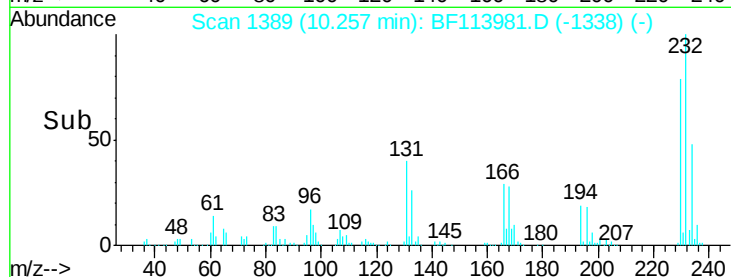


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

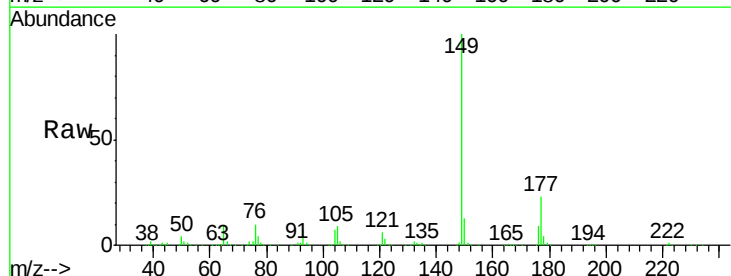
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 46.148 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

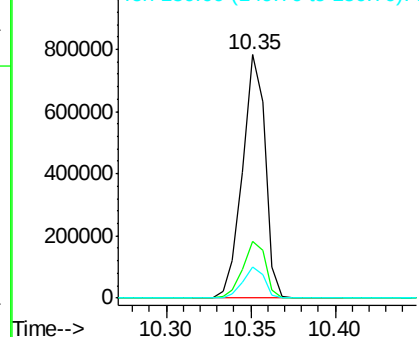
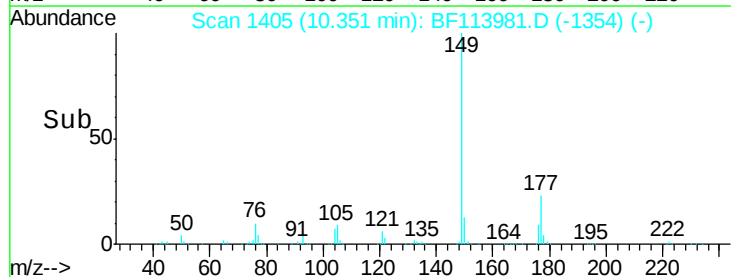
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.2	28.8
150	12.8	10.3	15.5

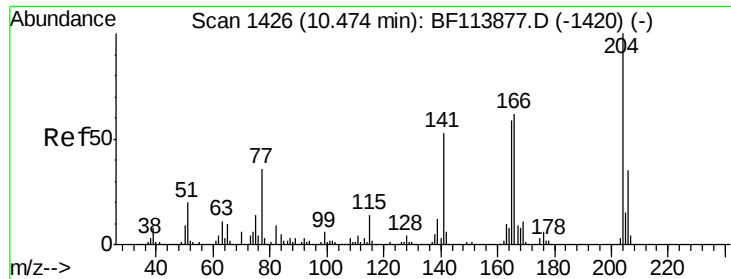


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

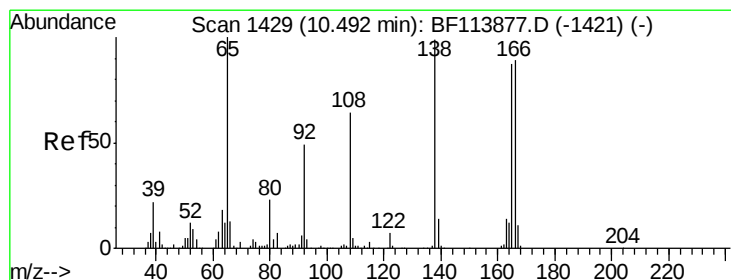
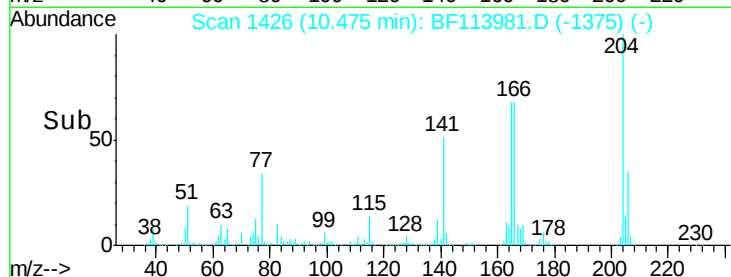
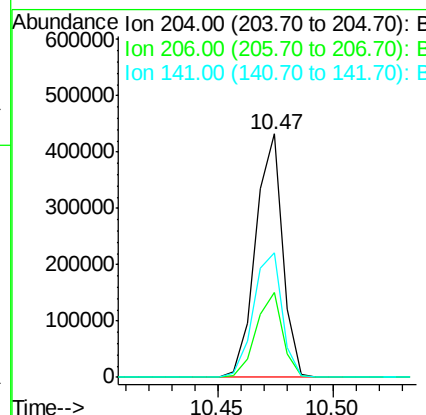
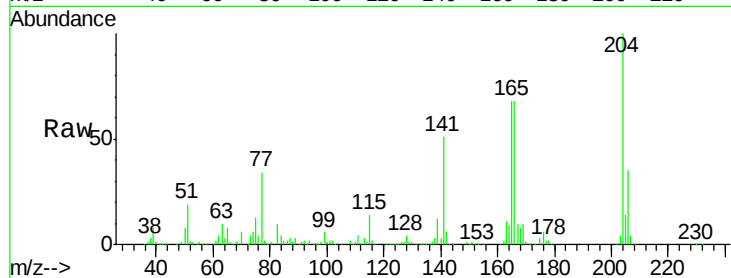




#61
4-Chlorophenyl-phenylether
Concen: 44.737 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

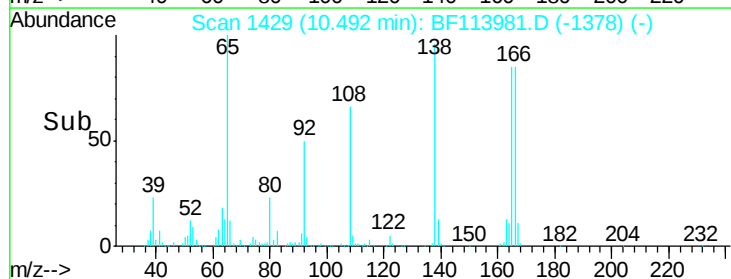
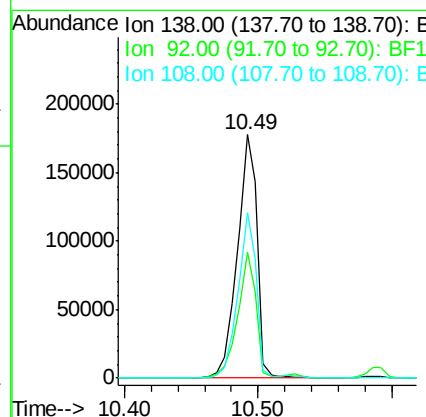
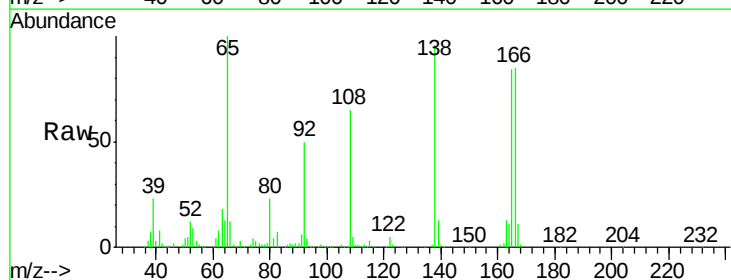
Instrument :
BNA_F
ClientSampled :

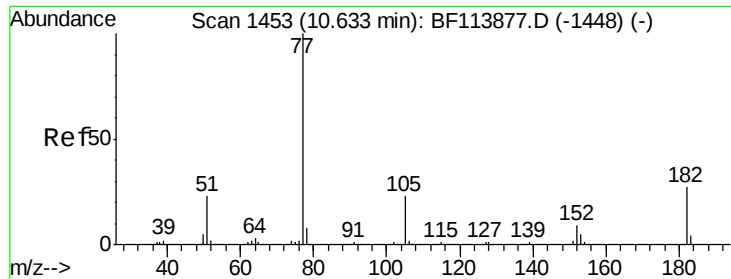
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	27.4	41.2
141	51.4	42.6	63.8



#62
4-Nitroaniline
Concen: 50.618 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.8	31.3	71.3
108	68.1	48.9	88.9





#63

Azobenzene

Concen: 43.336 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 664165

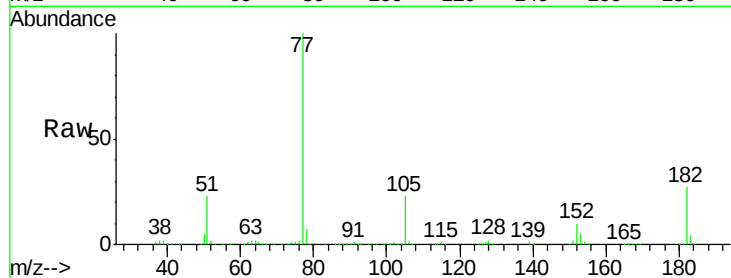
Ion Ratio Lower Upper

77 100

182 27.4 4.4 44.4

105 22.8 2.2 42.2

51 23.0 3.9 43.9

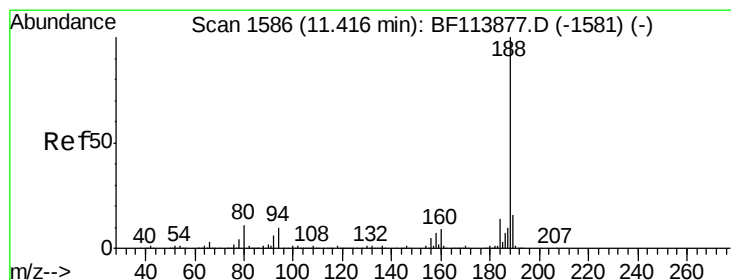
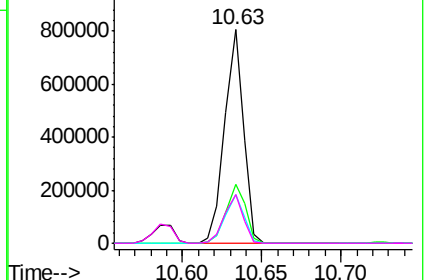
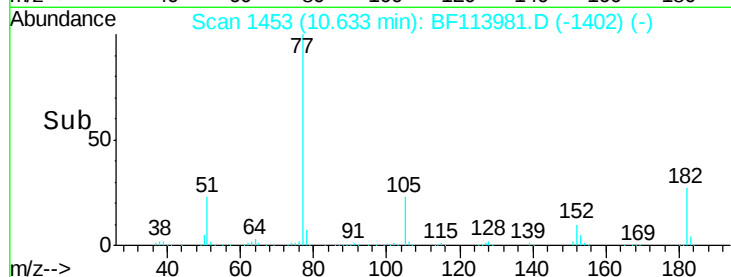


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF113981.D

Acq: 25 Apr 2019 16:57

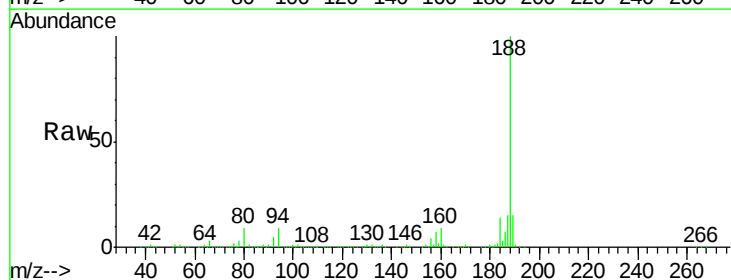
Tgt Ion: 188 Resp: 484656

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.4

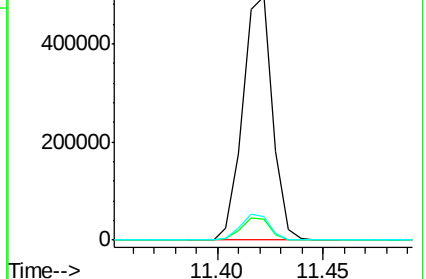
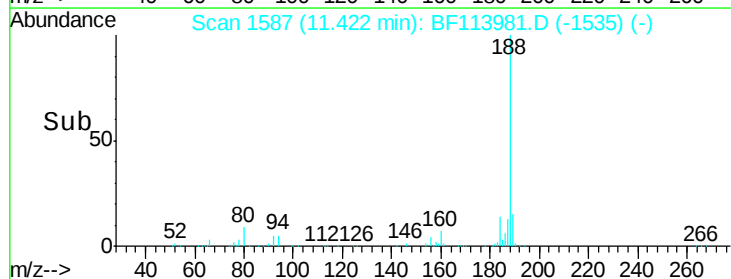
80 9.4 9.0 13.6

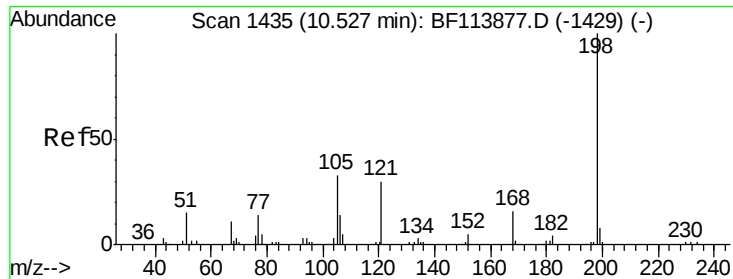


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

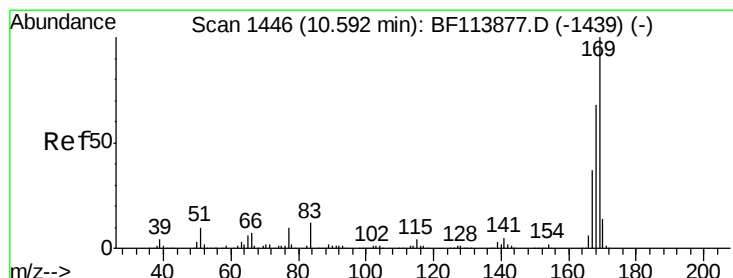
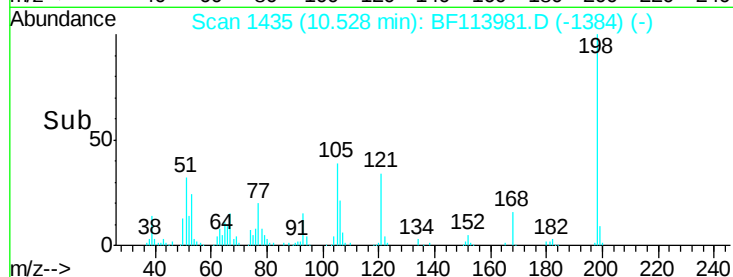
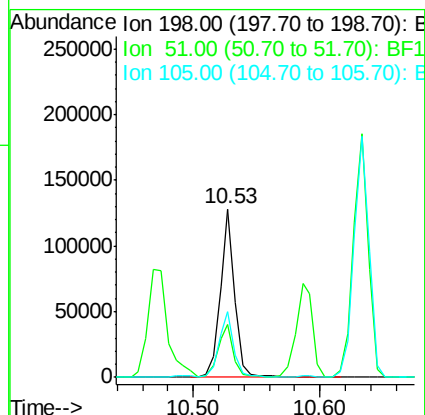
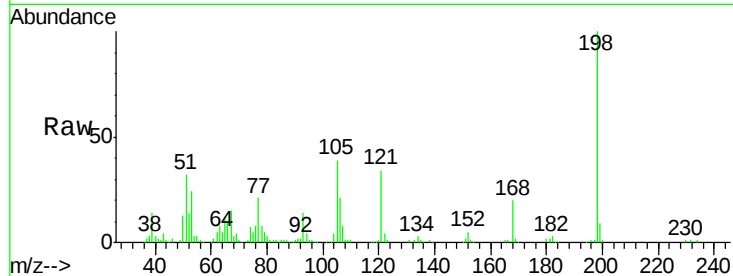




#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.547 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

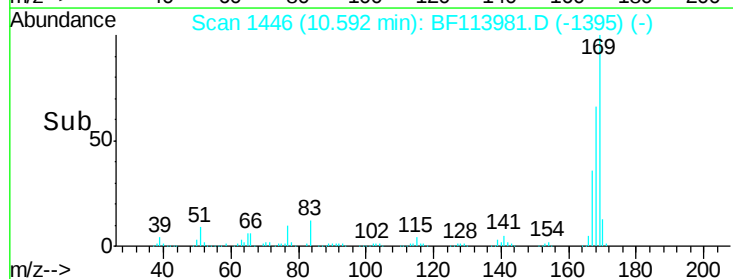
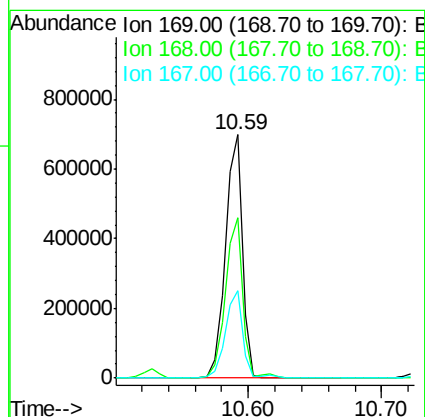
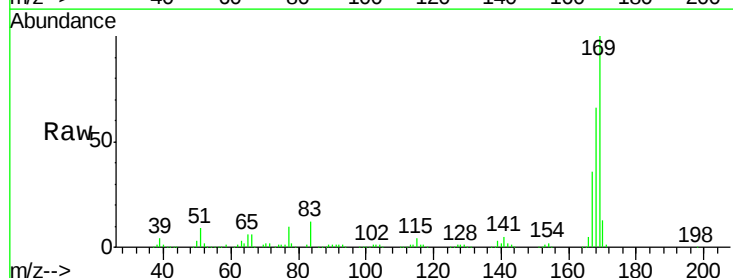
Instrument :
 BNA_F
 ClientSampled :

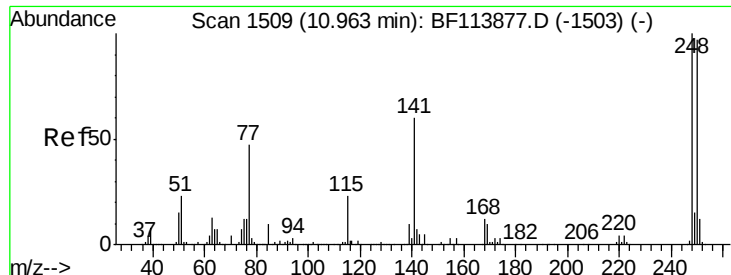
Tot Ion	198	Resp	102820
Ion Ratio	100	Lower	Upper
198	100		
51	31.8	11.1	51.1
105	39.0	20.7	60.7



#66
 n-Nitrosodiphenylamine
 Concen: 43.312 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Tgt Ion	169	Resp	629846
Ion Ratio	100	Lower	Upper
169	100		
168	65.7	54.3	81.5
167	36.1	29.4	44.0

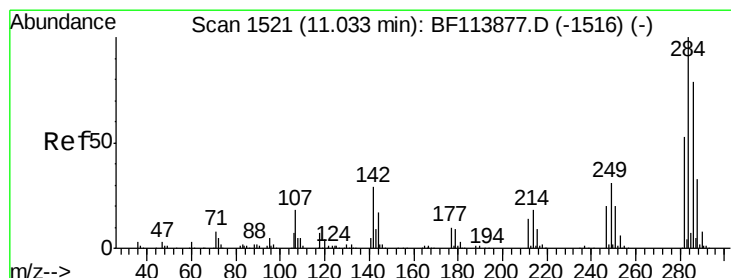
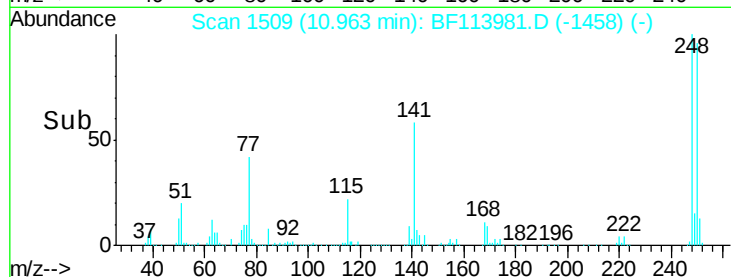
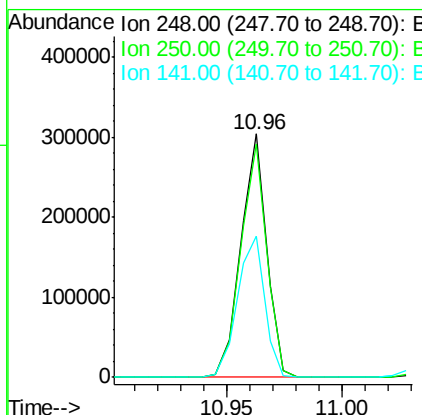
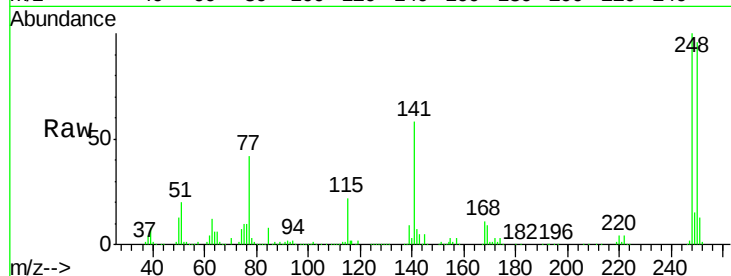




#67
4-Bromophenyl-phenylether
Concen: 40.664 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

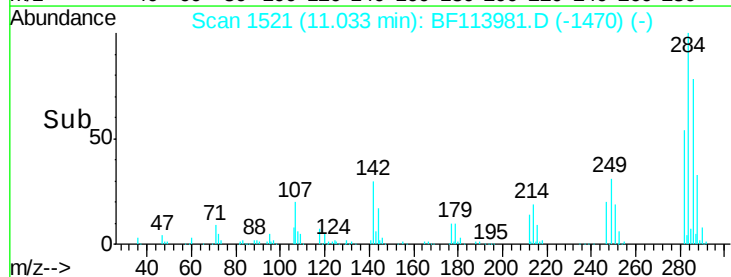
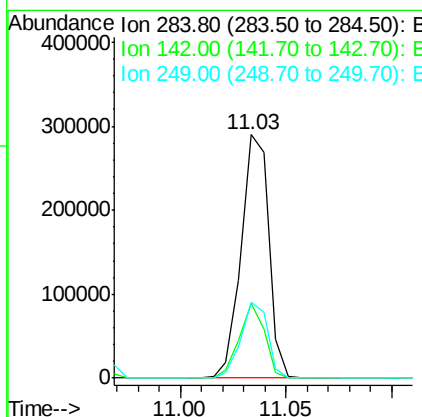
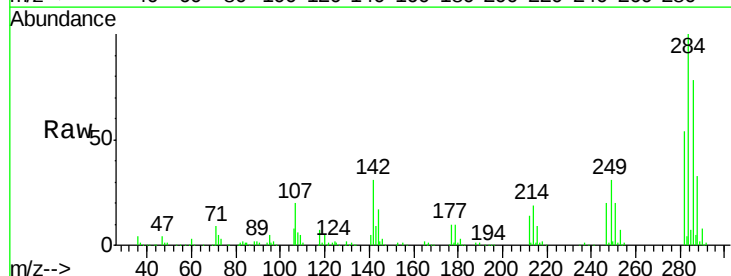
Instrument :
BNA_F
ClientSampleId :

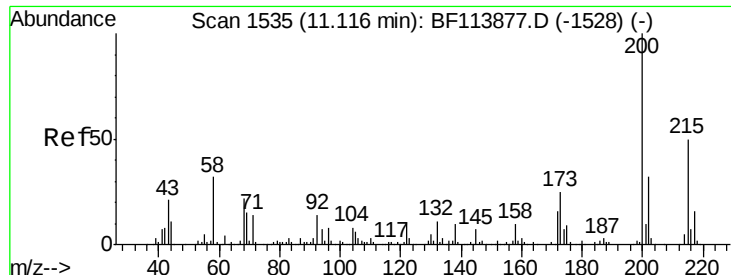
Tot Ion:248 Resp: 238080
Ion Ratio Lower Upper
248 100
250 95.9 75.8 113.6
141 58.1 50.2 75.4



#68
Hexachlorobenzene
Concen: 40.947 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion:284 Resp: 263449
Ion Ratio Lower Upper
284 100
142 30.7 23.0 34.4
249 31.0 24.4 36.6





#69

Atrazine

Concen: 46.916 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

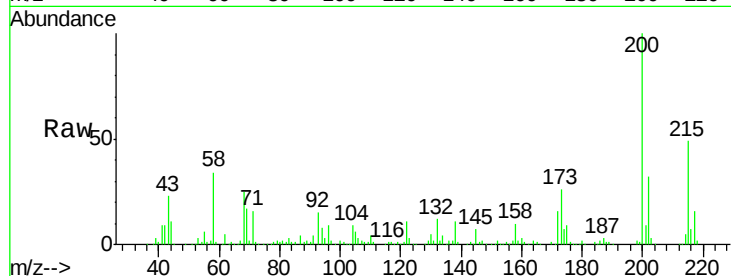
Tot Ion:200 Resp: 221945

Ion Ratio Lower Upper

200 100

173 25.7 5.9 45.9

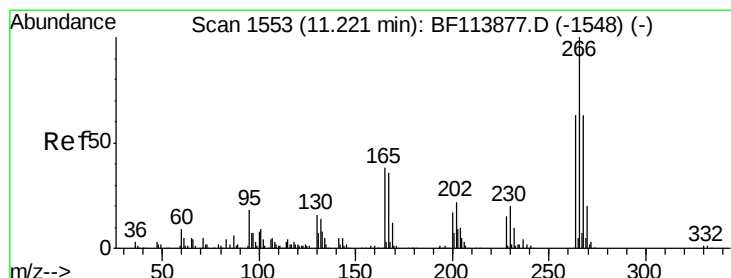
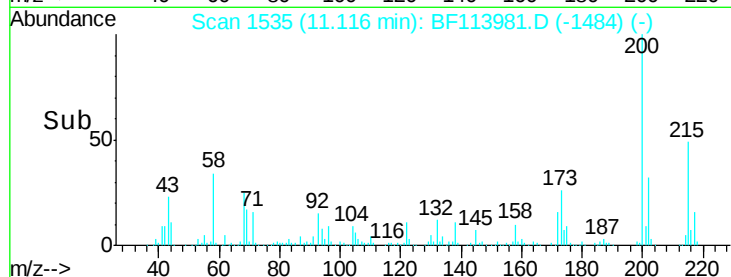
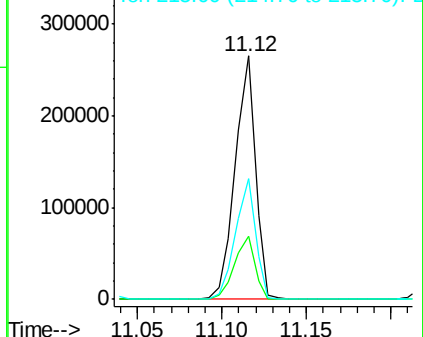
215 49.4 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 84.329 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

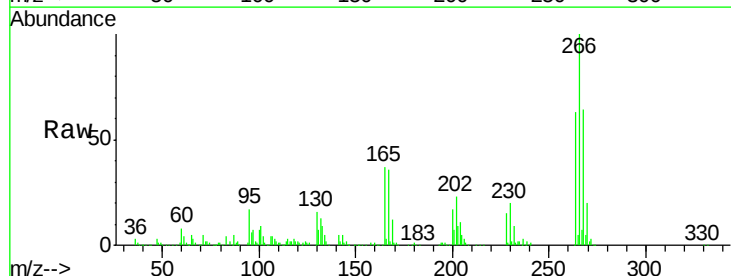
Tgt Ion:266 Resp: 307192

Ion Ratio Lower Upper

266 100

268 64.2 53.5 80.3

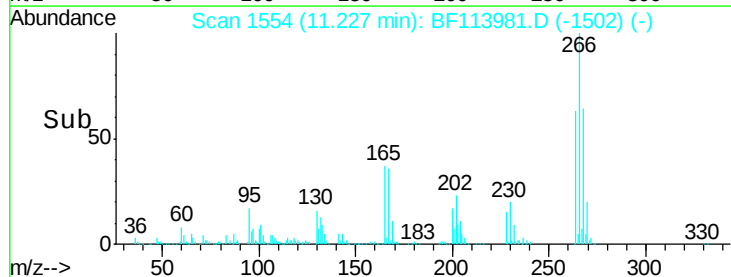
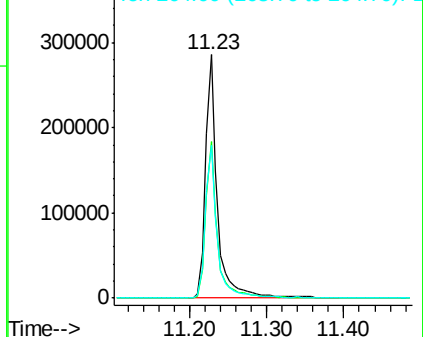
264 62.9 51.0 76.6

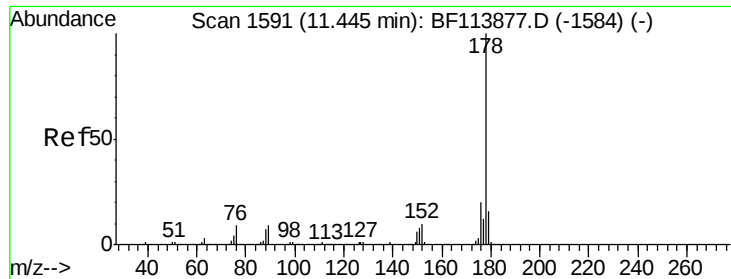


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

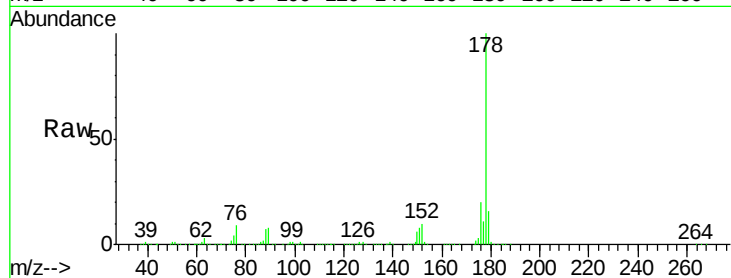




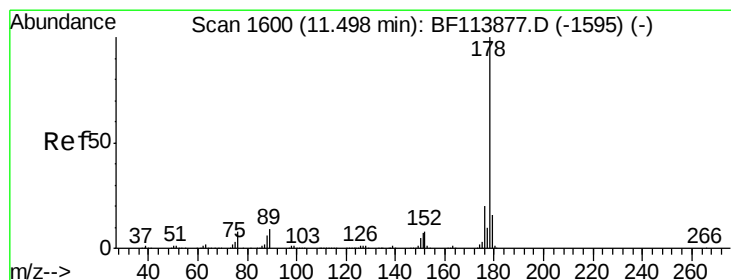
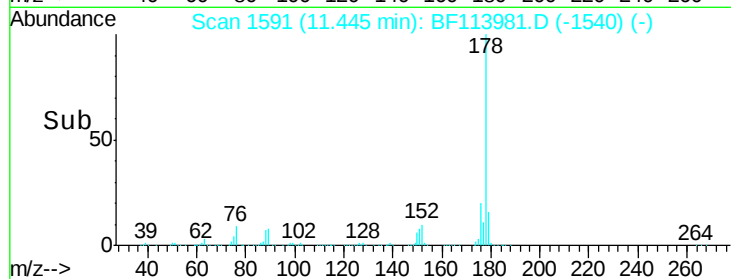
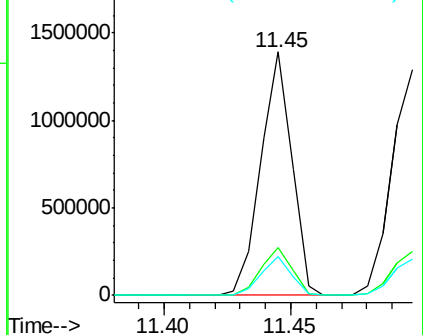
#71
Phenanthrene
Concen: 48.672 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1185480
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 15.9 12.8 19.2

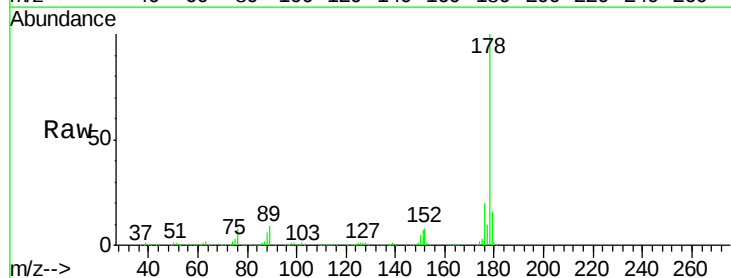


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

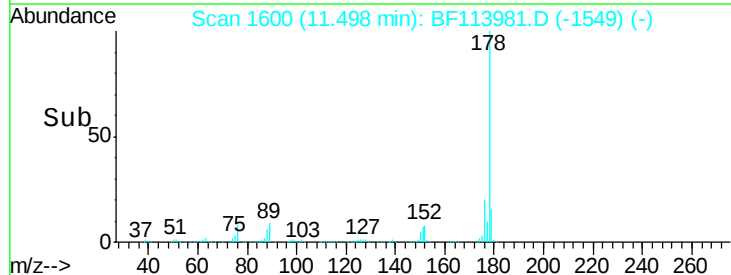
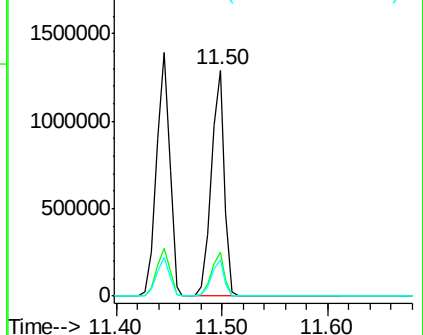


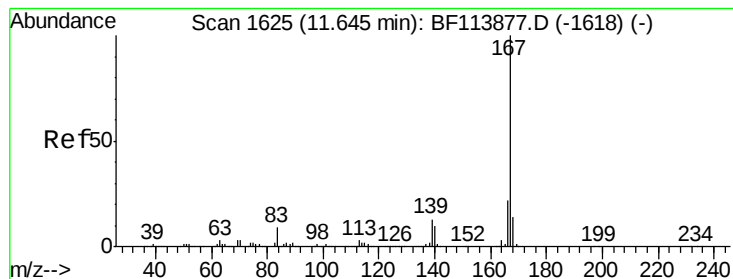
#72
Anthracene
Concen: 45.685 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion:178 Resp: 1123690
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.8 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: 46.948 ng

RT: 11.65 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

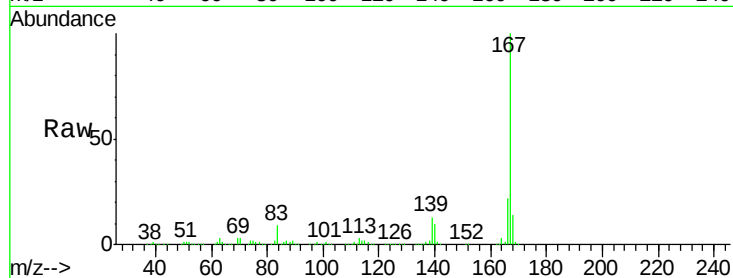
Instrument :

BNA_F

ClientSampled :

Tot Ion:167 Resp: 1030202

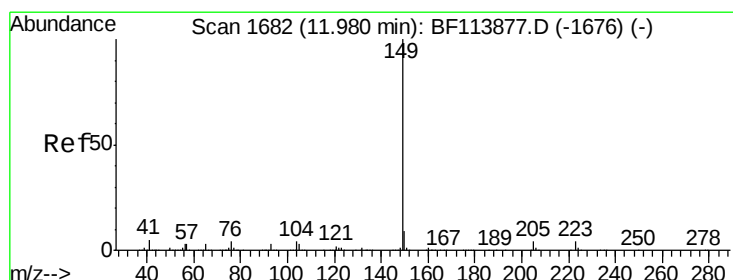
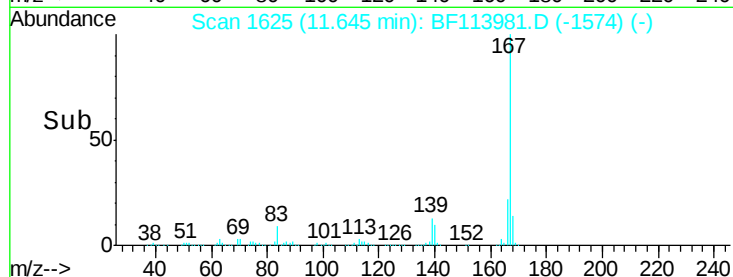
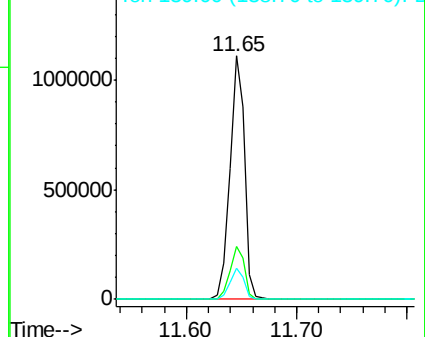
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	12.6	10.0	15.0



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: 45.206 ng

RT: 11.97 min Scan# 1681

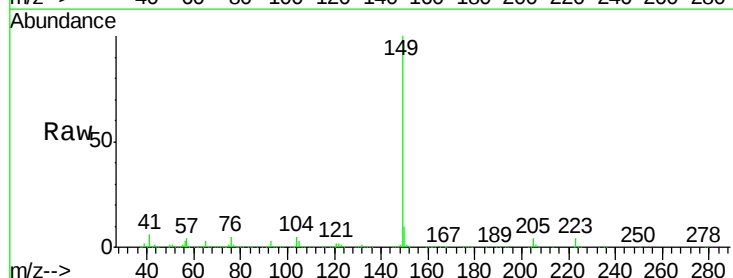
Delta R.T. -0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Tgt Ion:149 Resp: 1166889

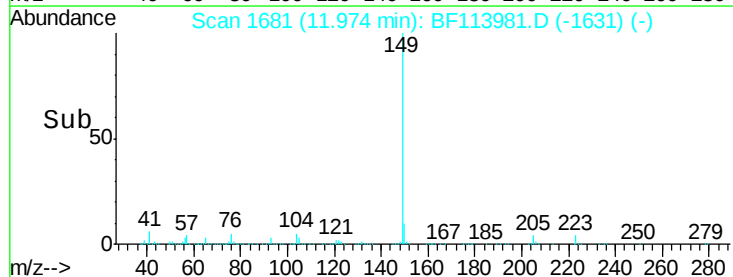
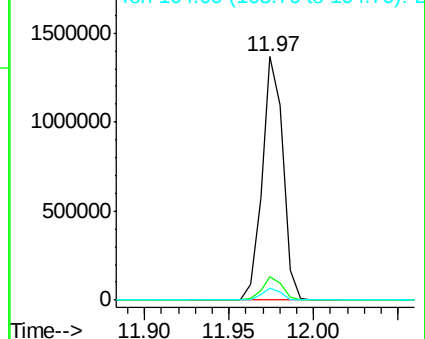
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.8
104	4.8	3.8	5.8

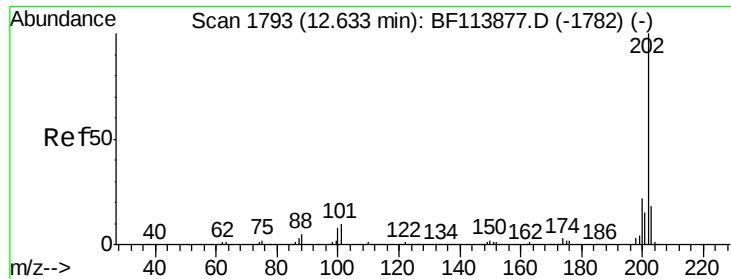


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.494 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

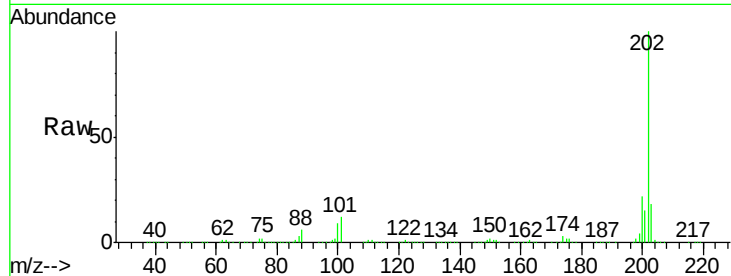
Tot Ion:202 Resp: 1315252

Ion Ratio Lower Upper

202 100

101 11.6 0.0 32.9

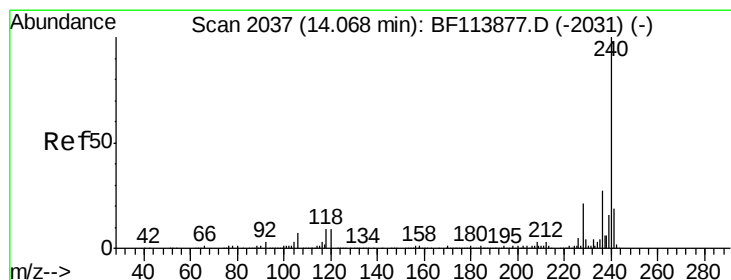
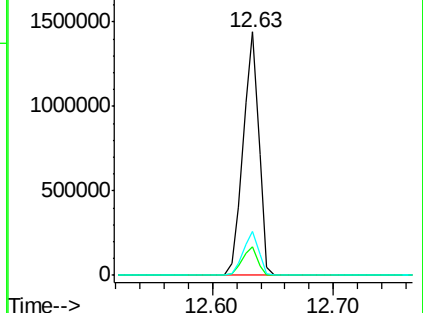
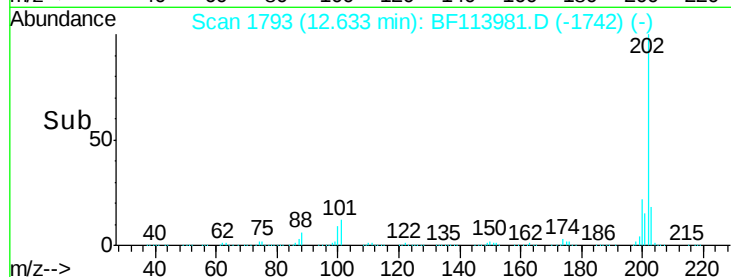
203 18.1 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

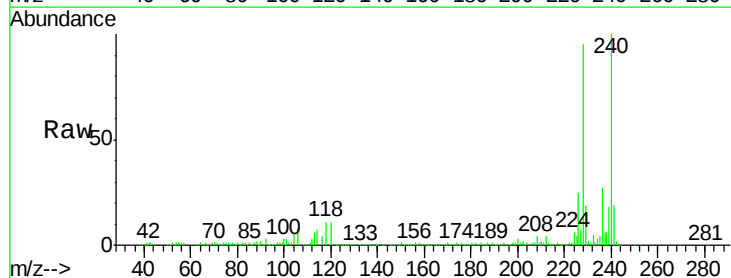
Tgt Ion:240 Resp: 432931

Ion Ratio Lower Upper

240 100

120 11.0 9.3 13.9

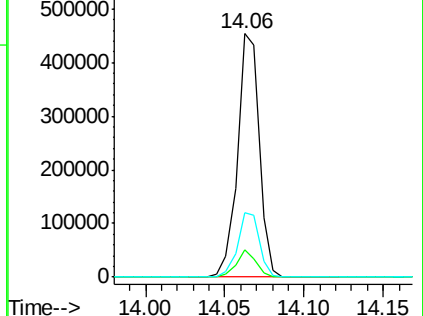
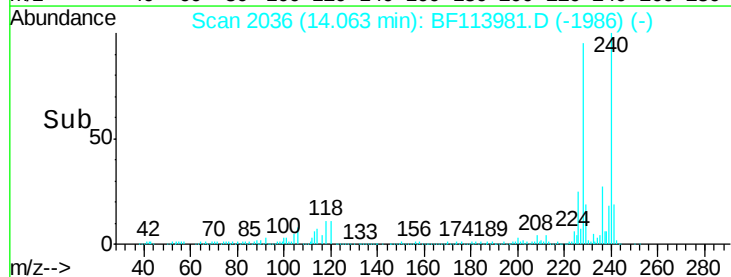
236 26.5 21.2 31.8

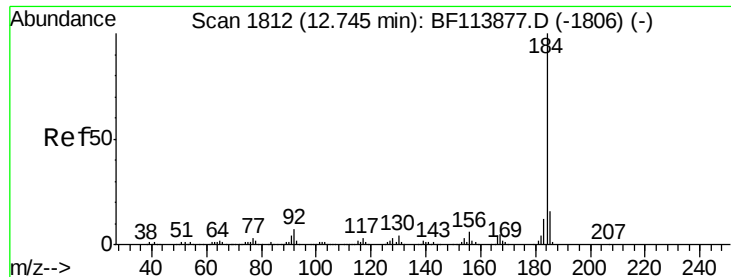


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.099 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

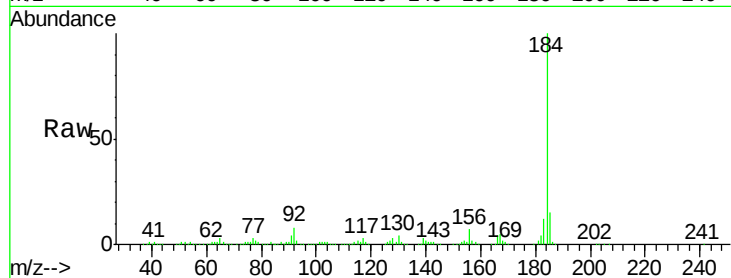
Tot Ion:184 Resp: 465655

Ion Ratio Lower Upper

184 100

185 14.8 13.0 19.6

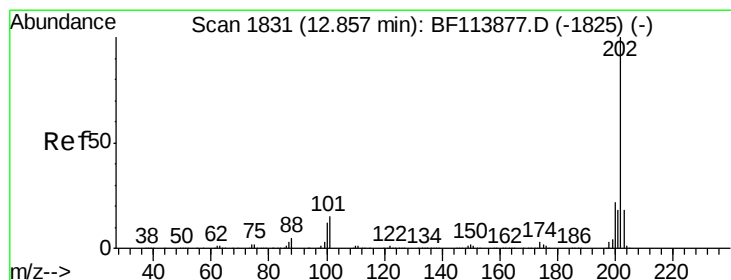
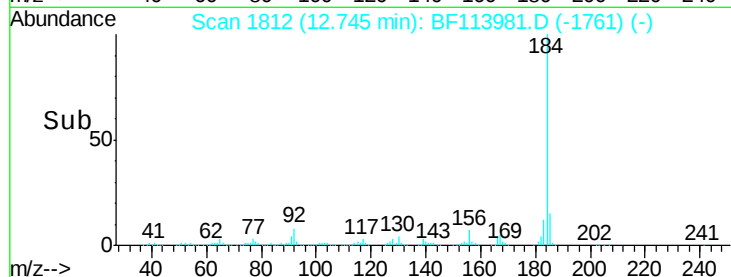
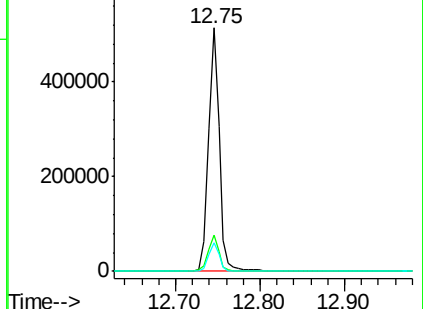
183 11.8 9.4 14.0



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: 43.514 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

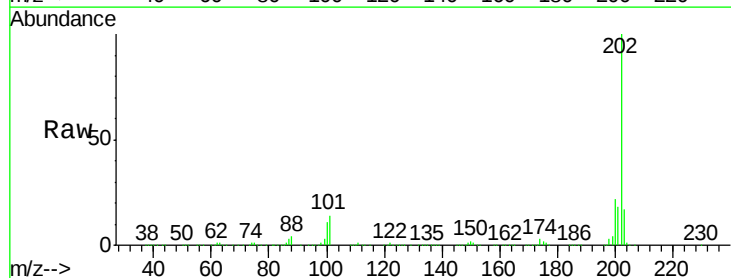
Tgt Ion:202 Resp: 1317407

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

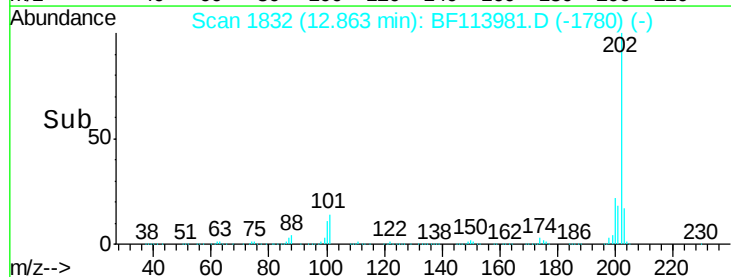
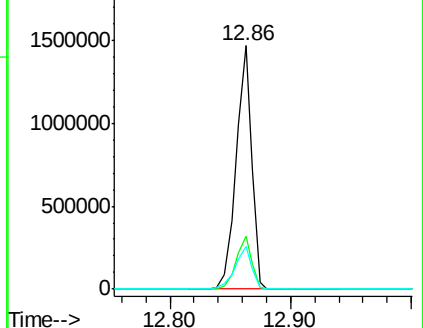
203 17.5 15.0 22.6

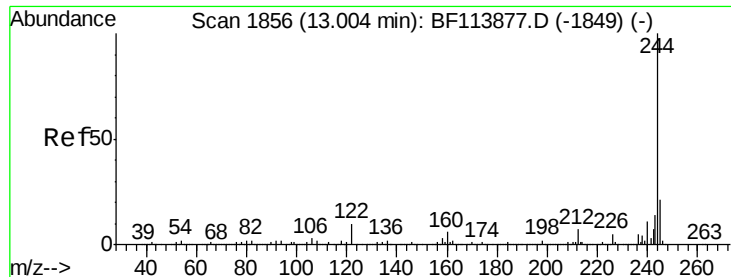


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.547 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

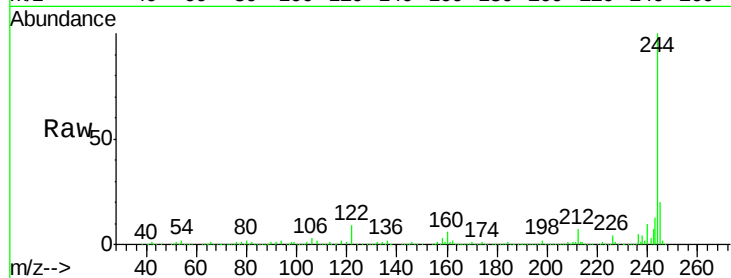
Tot Ion:244 Resp: 1616458

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

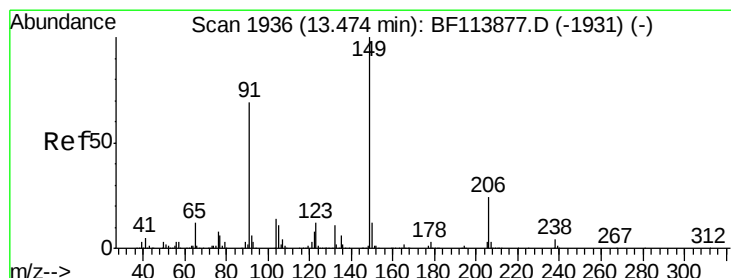
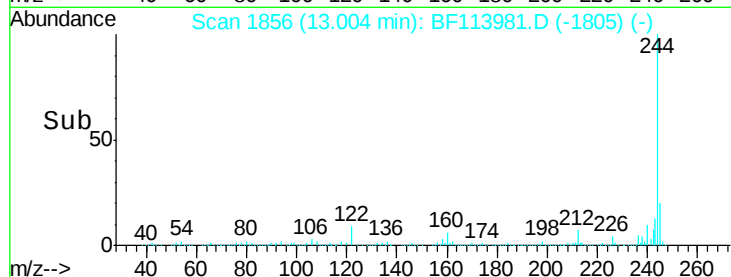
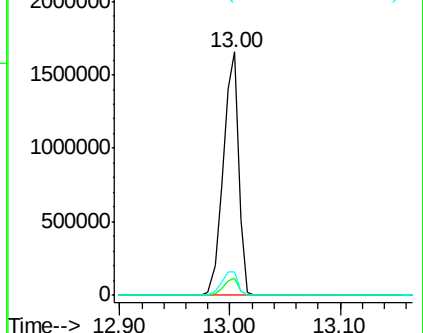
122 9.4 7.6 11.4



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: 45.011 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

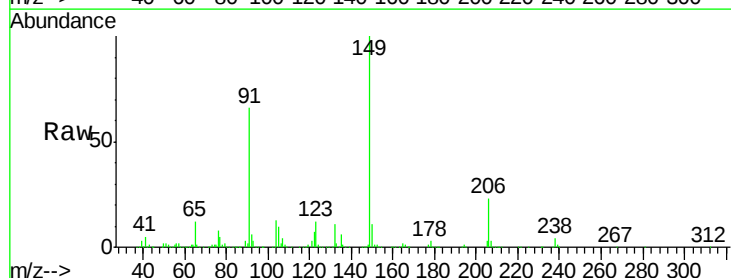
Tgt Ion:149 Resp: 536166

Ion Ratio Lower Upper

149 100

91 66.3 56.3 84.5

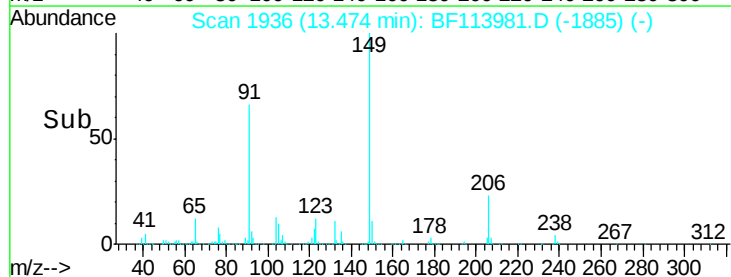
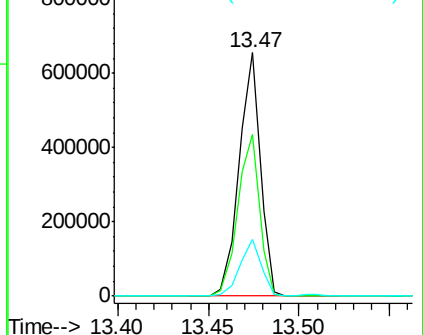
206 23.1 19.0 28.6

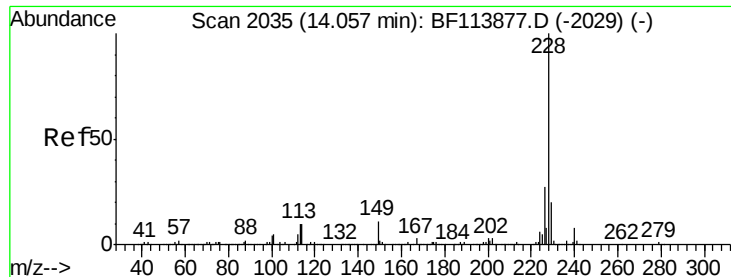


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.665 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

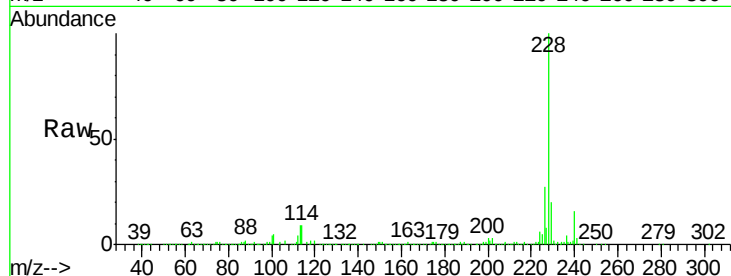
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1215811

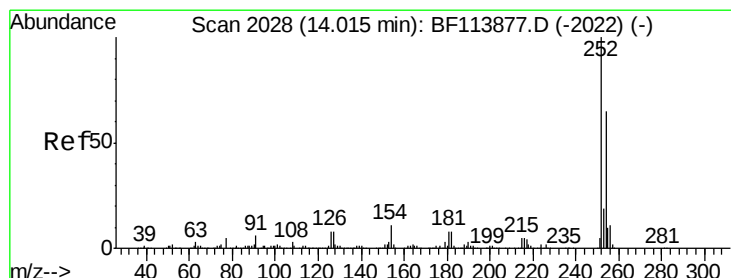
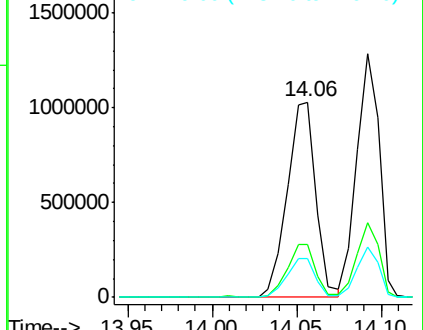
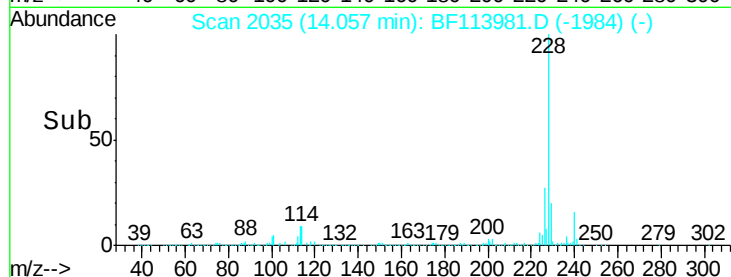
Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.2	33.2
229	19.9	16.0	24.0



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: 36.083 ng

RT: 14.01 min Scan# 2027

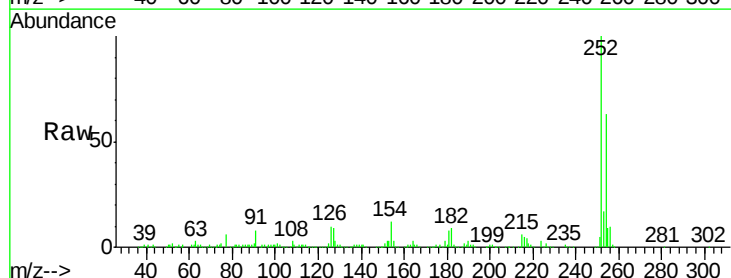
Delta R.T. -0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Tgt Ion:252 Resp: 337346

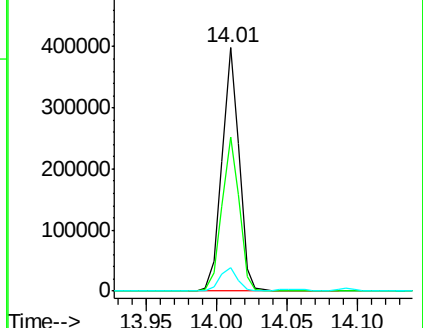
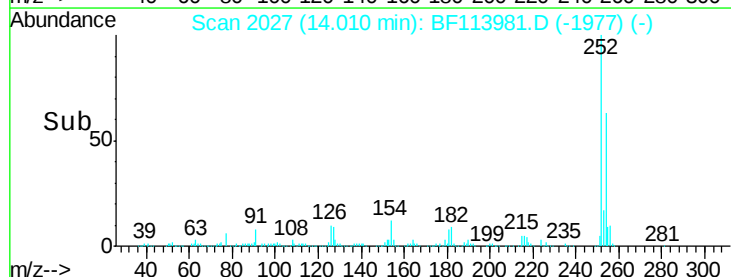
Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.1	78.1
126	9.5	9.3	13.9

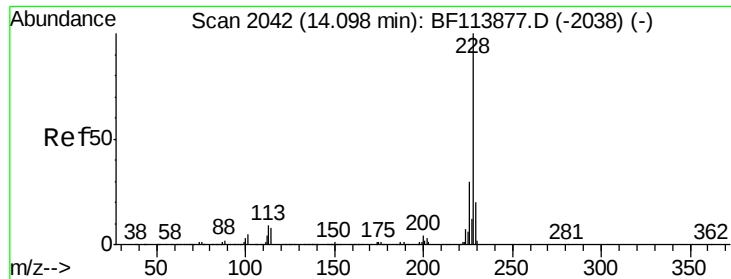


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

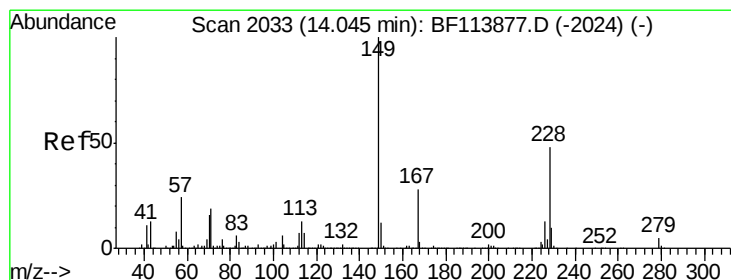
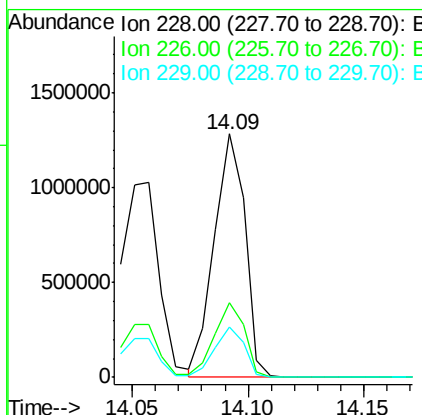
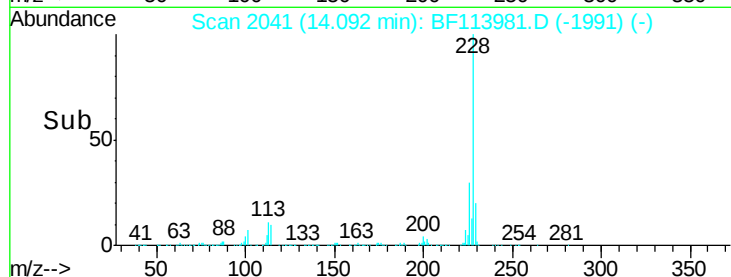
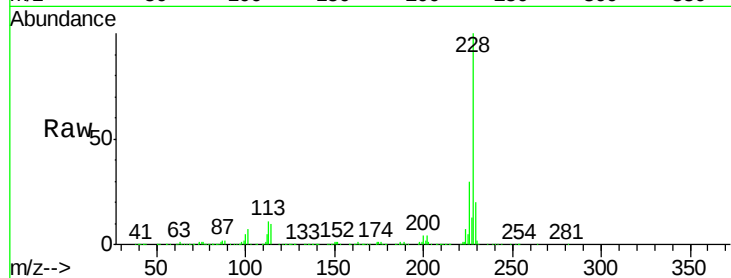




#83
 Chrvsene
 Concen: 47.700 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

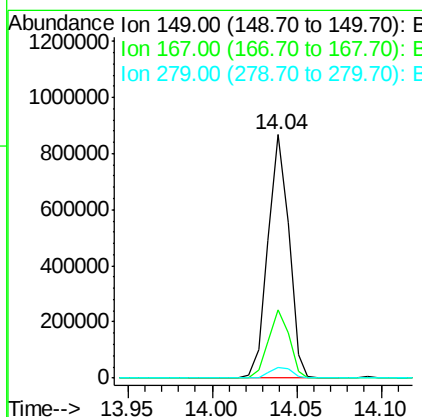
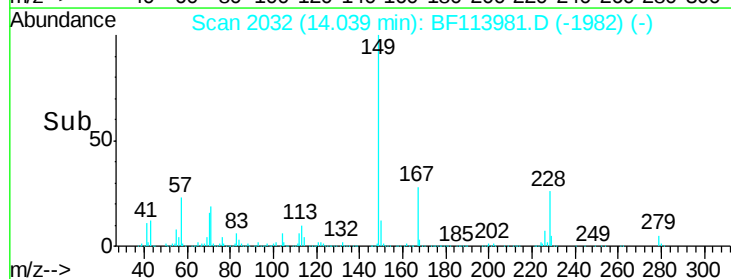
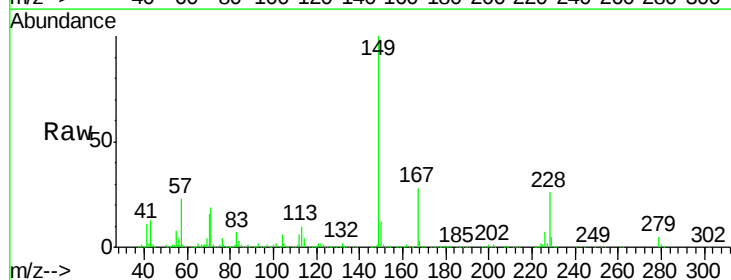
Instrument :
 BNA_F
 ClientSampleId :

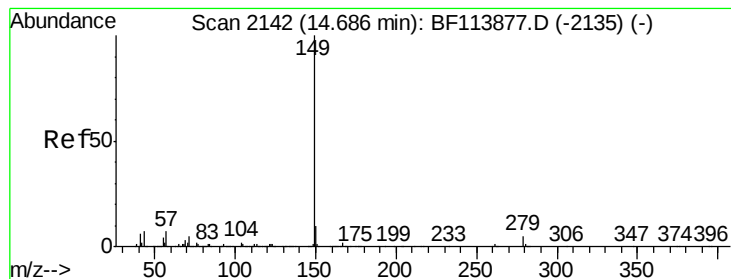
Tot Ion:228 Resp: 1184959
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.2 37.8
 229 20.5 16.7 25.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.269 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Tgt Ion:149 Resp: 746693
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.9 34.3
 279 4.5 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 54.767 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

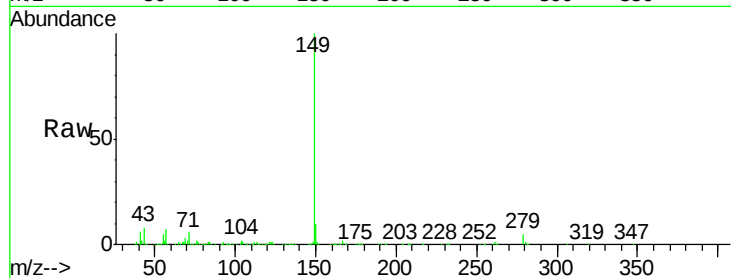
Tot Ion:149 Resp: 1299185

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

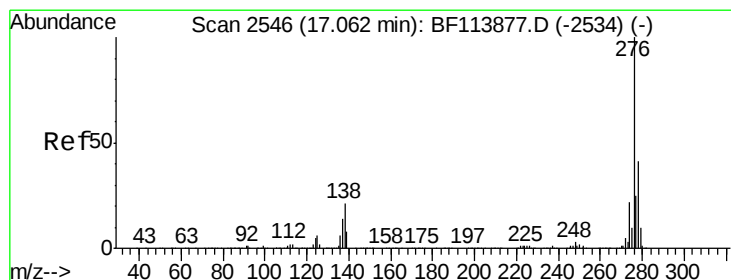
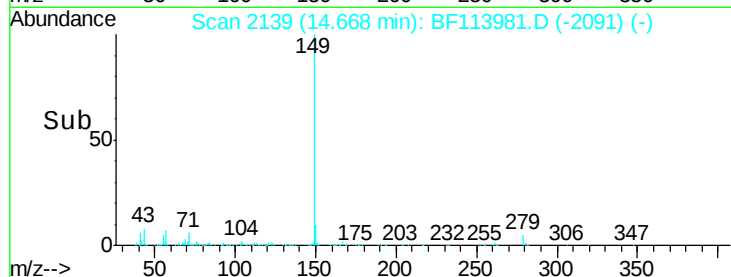
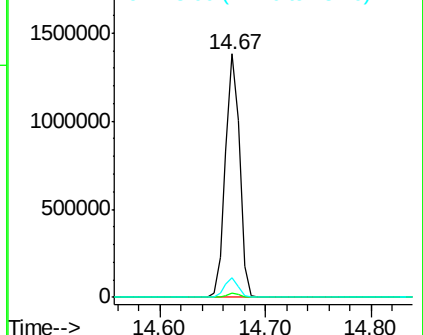
43 7.4 6.6 10.0



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: 50.377 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

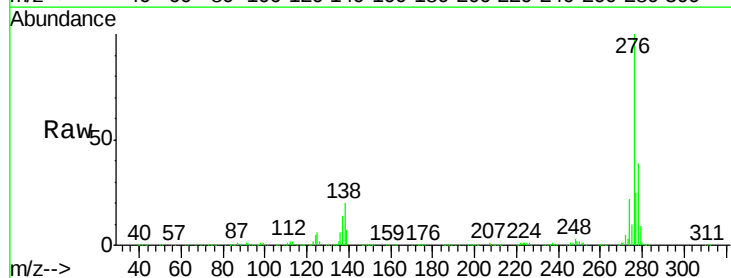
Tgt Ion:276 Resp: 1185415

Ion Ratio Lower Upper

276 100

138 22.7 19.6 29.4

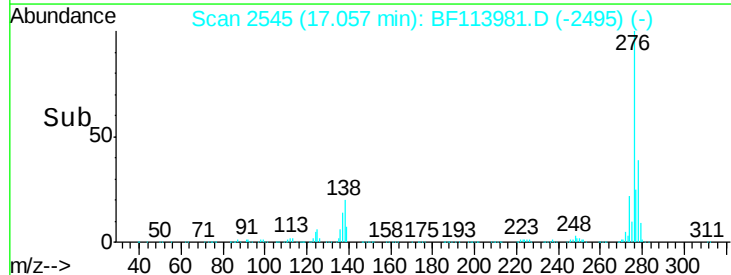
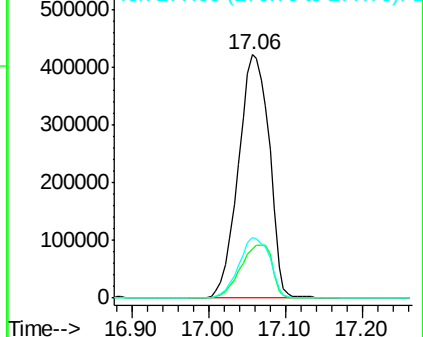
277 25.1 20.2 30.4

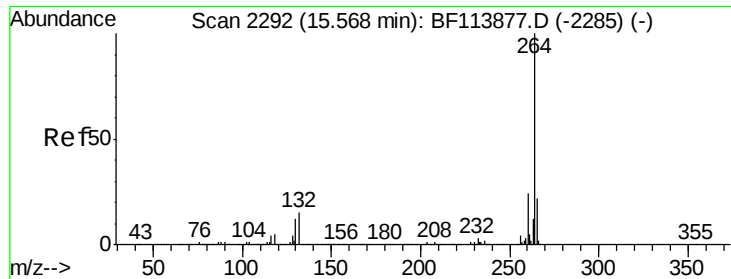


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

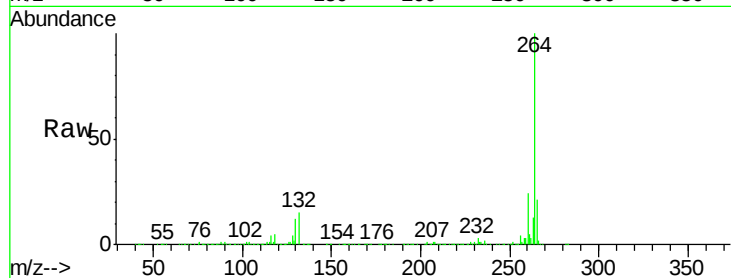
Tot Ion:264 Resp: 471159

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

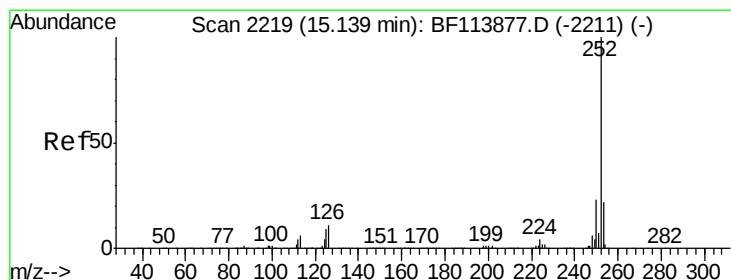
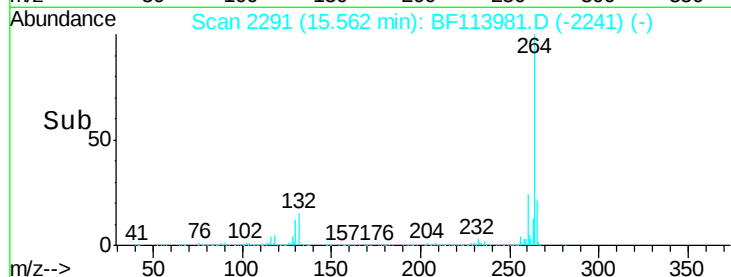
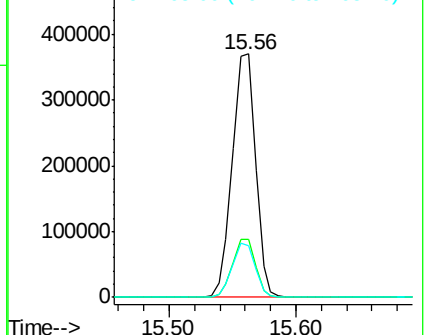
265 21.2 17.3 25.9



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: 45.668 ng

RT: 15.13 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

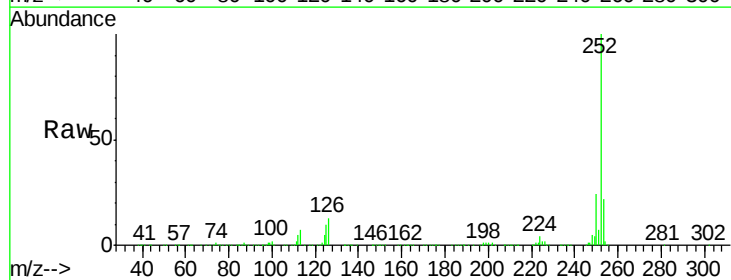
Tgt Ion:252 Resp: 1361373

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

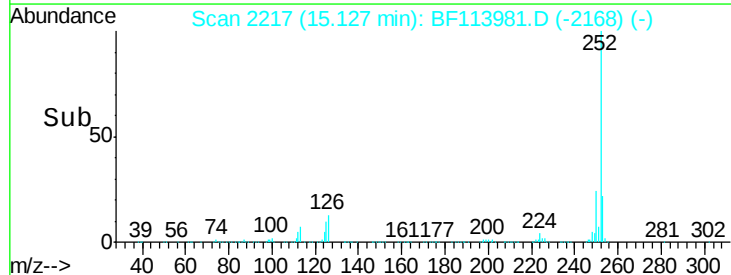
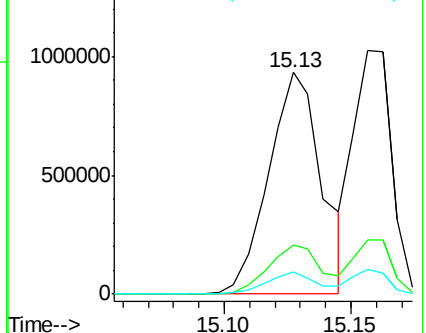
125 9.8 7.0 10.6

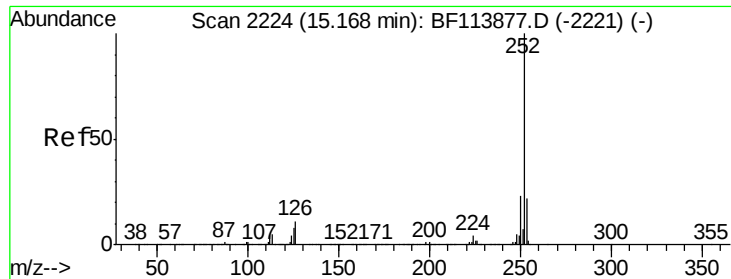


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

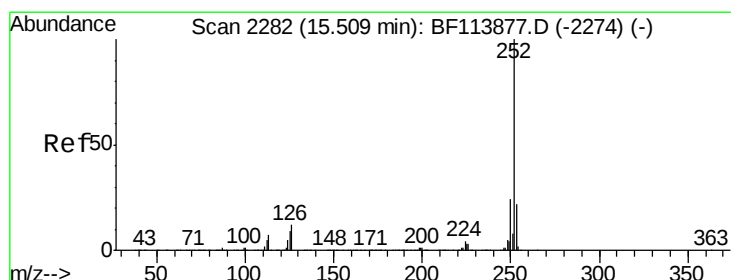
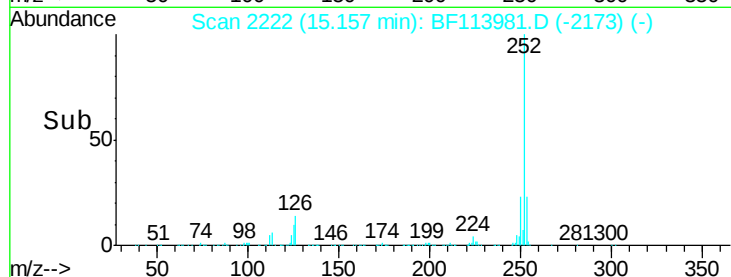
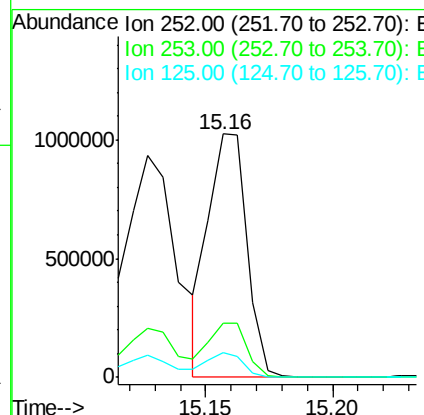
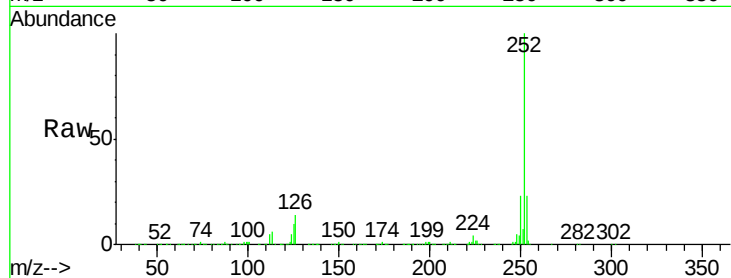




#89
Benzo(k)fluoranthene
Concen: 42.069 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

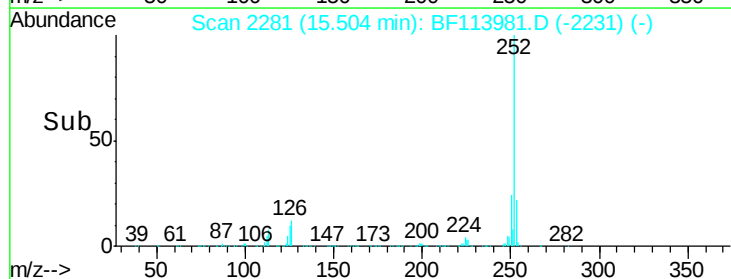
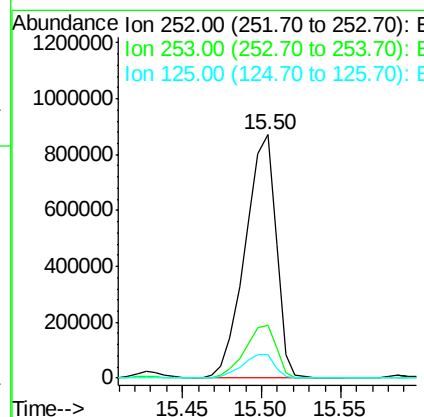
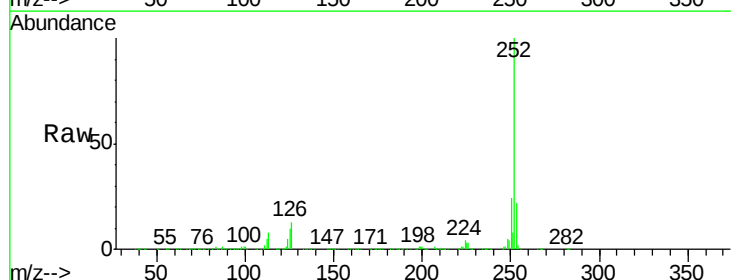
Instrument :
BNA_F
ClientSampleId :

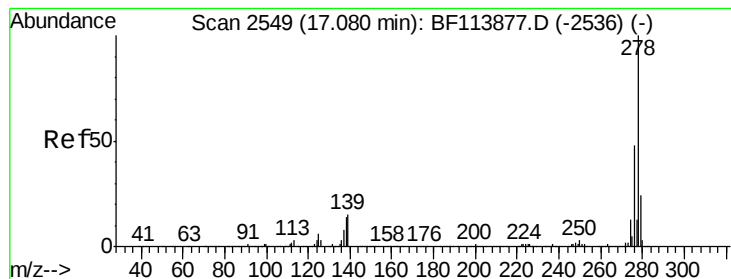
Tot Ion:252 Resp: 1078713
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 45.748 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion:252 Resp: 1179584
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.7 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 40.879 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

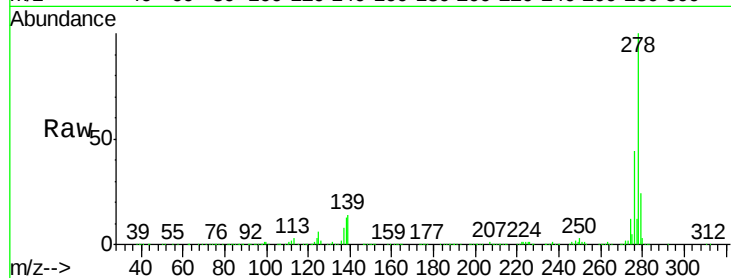
Tot Ion:278 Resp: 989444

Ion Ratio Lower Upper

278 100

139 14.2 11.6 17.4

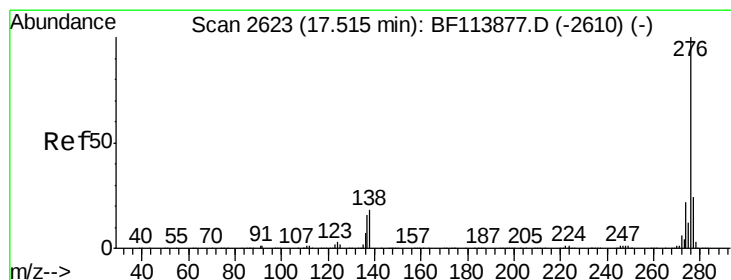
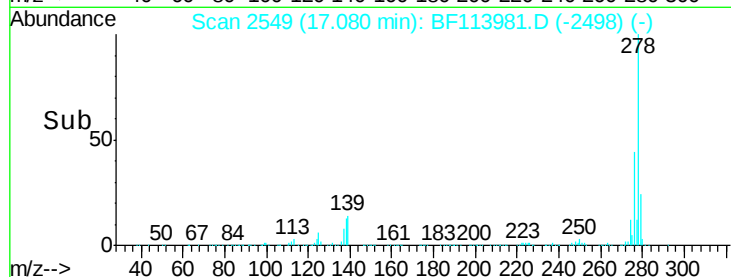
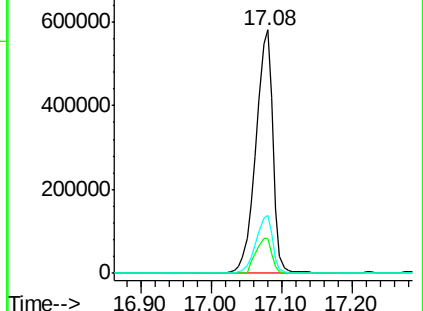
279 24.0 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.347 ng

RT: 17.52 min Scan# 2623

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

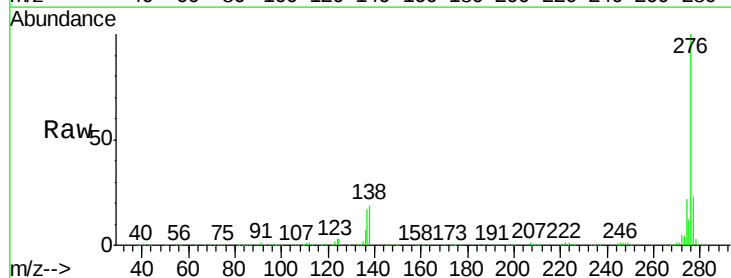
Tgt Ion:276 Resp: 961084

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 19.2 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

