

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113962.D
 Acq On : 24 Apr 2019 15:36
 Operator : JU/SJ
 Sample : K2542-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 25 01:23:51 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	6.89	152	130003	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	493650	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	249862	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	460597	20.00	ng	0.00
76) Chrysene-d12	14.06	240	322594	20.00	ng	-0.01
87) Perylene-d12	15.56	264	413777	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	711125	93.56	ng	0.00
7) Phenol-d6	6.52	99	913883	95.83	ng	0.00
23) Nitrobenzene-d5	7.45	82	555714	69.51	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	255126	83.82	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	967044	60.53	ng	0.00
79) Terphenyl-d14	13.00	244	946775	60.17	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.48	88	127	0.035	ng	# 65
6) Aniline	6.66	93	935	0.071	ng	# 1
8) 2-Chlorophenol	6.68	128	106	0.012	ng	# 1
9) Benzaldehyde	6.52	77	1173	Below Cal		# 3
10) Phenol	6.53	94	2298	0.202	ng	# 59
11) bis(2-Chloroethyl)ether	6.66	93	935	0.109	ng	# 1
15) Benzyl Alcohol	7.05	79	8791	1.369	ng	# 49
19) n-Nitroso-di-n-propylamine	7.45	70	74200	12.015	ng	# 77
22) Acetophenone	7.29	105	135	0.012	ng	# 58
24) Nitrobenzene	7.45	77	1508	0.171	ng	# 30
25) Isophorone	7.45	82	555709	33.969	ng	# 65
27) 2,4-Dimethylphenol	7.90	122	800	0.122	ng	# 4
31) Naphthalene	8.20	128	853	0.036	ng	# 68
32) Benzoic acid	7.90	122	800	0.180	ng	# 91
37) 2-Methylnaphthalene	8.89	142	381	0.024	ng	# 65
38) 1-Methylnaphthalene	8.99	142	505	0.033	ng	# 95
46) 1,1'-Biphenyl	9.35	154	1943	0.102	ng	# 94
47) 2-Chloronaphthalene	9.64	162	1337	0.086	ng	# 1
48) 2-Nitroaniline	9.64	65	1503	0.369	ng	# 1
49) Acenaphthylene	9.79	152	4935	0.203	ng	# 98
50) Dimethylphthalate	9.64	163	188799	10.448	ng	# 98
51) 2,6-Dinitrotoluene	9.64	165	2095	0.540	ng	# 8
52) Acenaphthene	9.96	154	1406	0.098	ng	# 87
55) Dibenzofuran	10.13	168	982	0.046	ng	# 89
56) 4-Nitrophenol	10.13	139	164	0.051	ng	# 12
57) 2,4-Dinitrotoluene	9.93	165	31767	6.492	ng	# 28
58) Fluorene	10.47	166	2149	0.133	ng	# 98
60) Diethylphthalate	10.35	149	456	0.027	ng	# 57
63) Azobenzene	10.72	77	1123	0.068	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.72	198	319	7.436	ng	# 1
66) n-Nitrosodiphenylamine	10.72	169	6470	0.468	ng	# 42
67) 4-Bromophenyl-phenylether	10.72	248	15818	2.843	ng	# 1
71) Phenanthrene	11.43	178	61029	2.637	ng	# 98
72) Anthracene	11.49	178	7044	0.301	ng	# 98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113962.D
 Acq On : 24 Apr 2019 15:36
 Operator : JU/SJ
 Sample : K2542-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 25 01:23:51 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)

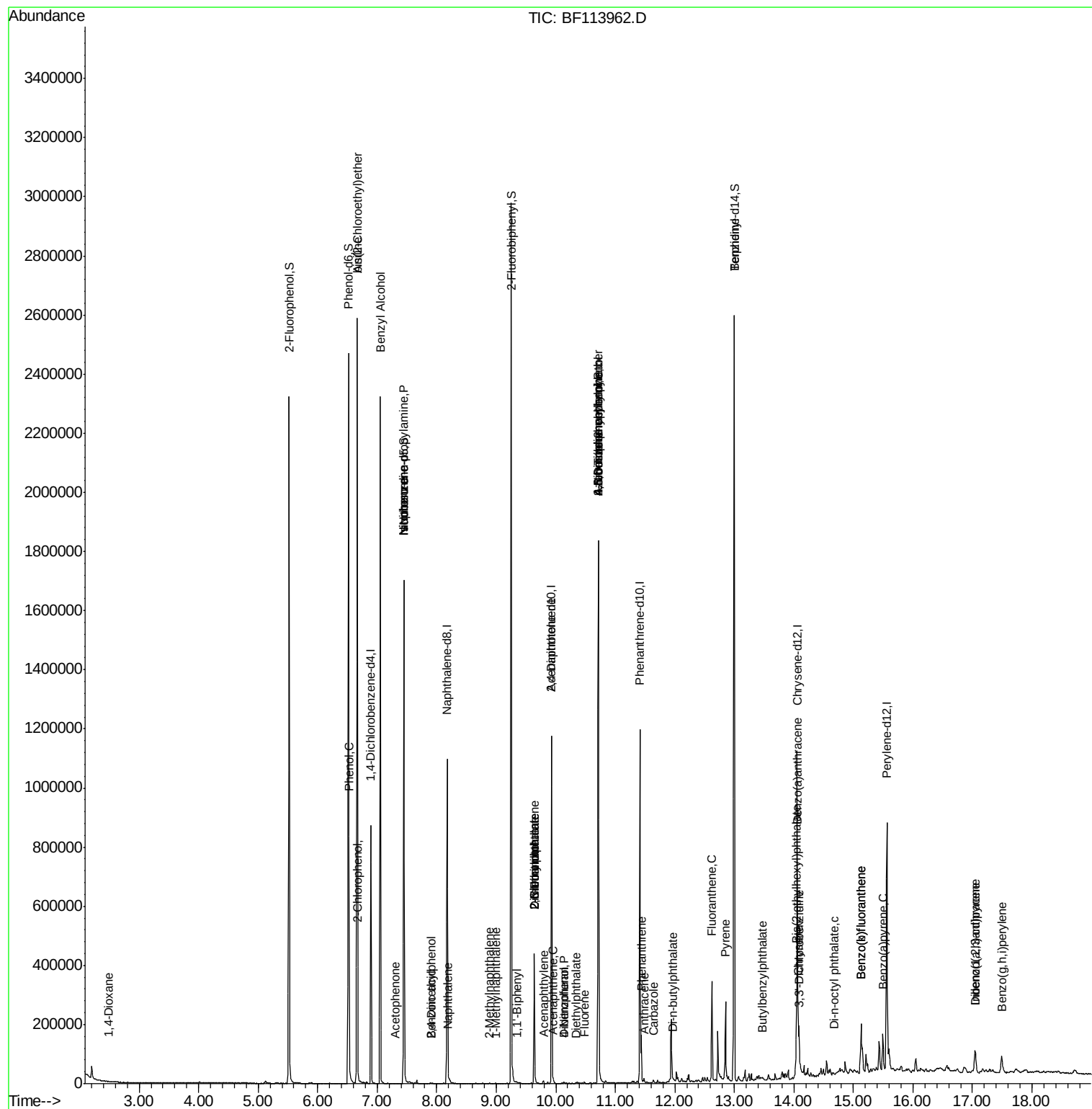
73) Carbazole	11.64	167	4630	0.222	nq	94
74) Di-n-butylphthalate	11.97	149	1940	0.079	nq #	77
75) Fluoranthene	12.62	202	137699	5.452	nq	97
77) Benzidine	12.99	184	10657	1.109	nq #	97
78) Pyrene	12.85	202	111184	4.928	nq	97
80) Butylbenzylphthalate	13.47	149	676	0.076	nq #	78
81) Benzo(a)anthracene	14.04	228	52366	2.755	nq	96
82) 3,3'-Dichlorobenzidine	14.10	252	289	0.041	nq #	33
83) Chrysene	14.08	228	59142	3.195	nq	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	2891	0.256	nq #	91
85) Di-n-octyl phthalate	14.68	149	839	0.047	nq #	1
86) Indeno(1,2,3-cd)pyrene	17.04	276	51666	2.947	nq	96
88) Benzo(b)fluoranthene	15.13	252	123856	4.731	nq	99
89) Benzo(k)fluoranthene	15.13	252	123856	5.500	nq	98
90) Benzo(a)pyrene	15.50	252	62279	2.750	nq	99
91) Dibenzo(a,h)anthracene	17.05	278	12620	0.594	nq #	82
92) Benzo(g,h,i)perylene	17.49	276	48959	2.282	nq	99

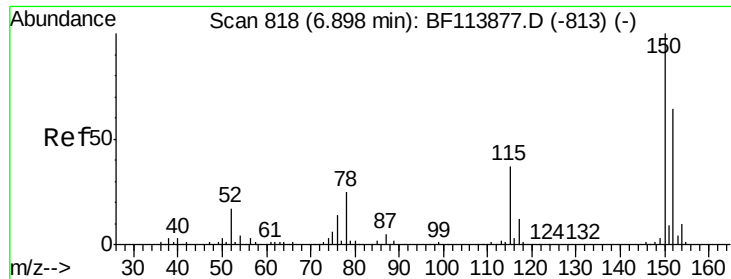
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113962.D
Acq On : 24 Apr 2019 15:36
Operator : JU/SJ
Sample : K2542-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Apr 25 01:23:51 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



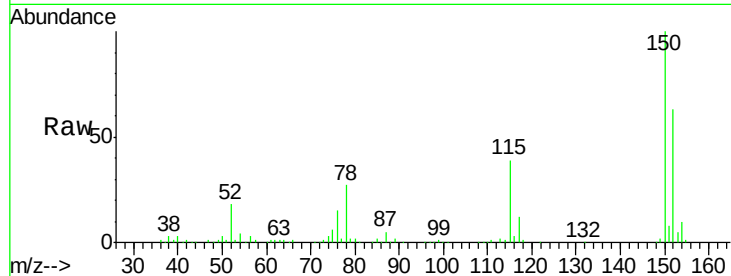


#1

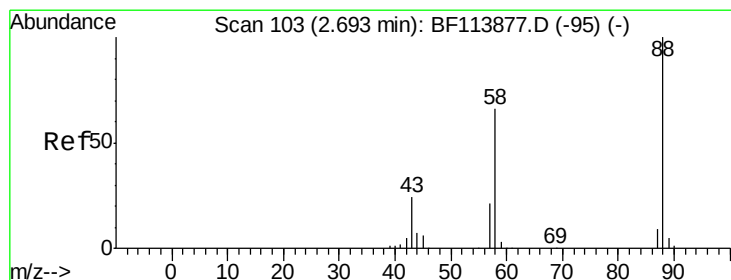
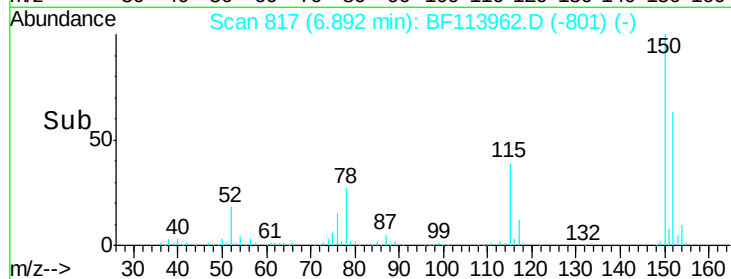
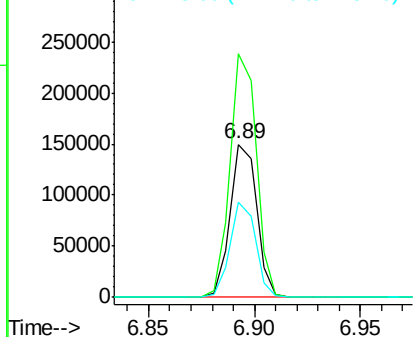
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 130003
Ion Ratio Lower Upper
152 100
150 159.2 125.9 188.9
115 61.9 45.9 68.9



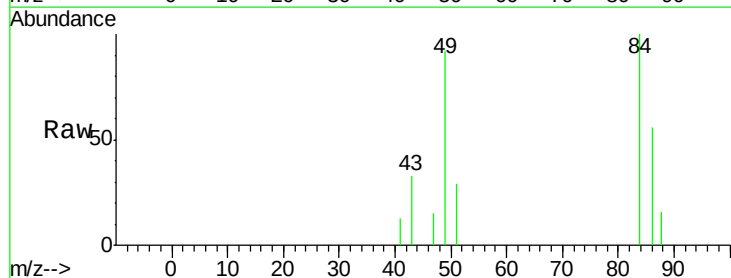
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



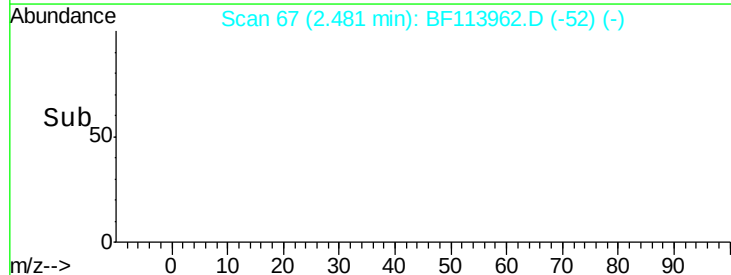
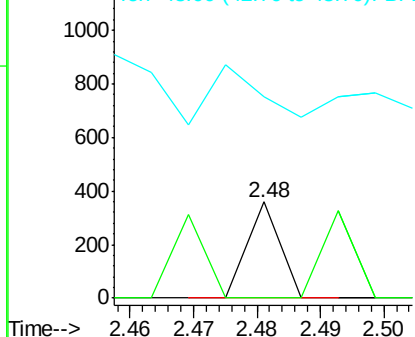
#2

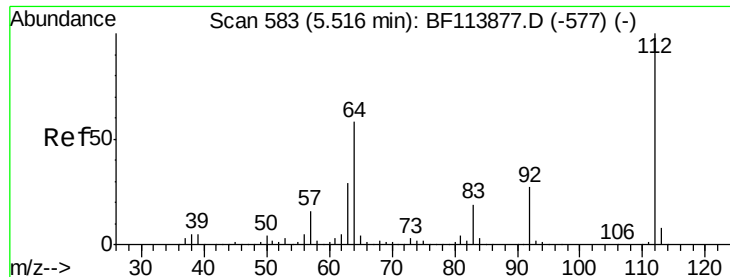
1,4-Dioxane
Concen: 0.035 ng
RT: 2.48 min Scan# 67
Delta R.T. -0.21 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

Tgt Ion: 88 Resp: 127
Ion Ratio Lower Upper
88 100
58 90.6 53.3 79.9#
43 0.0 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





#5

2-Fluorophenol

Concen: 93.558 ng

RT: 5.52 min Scan# 584

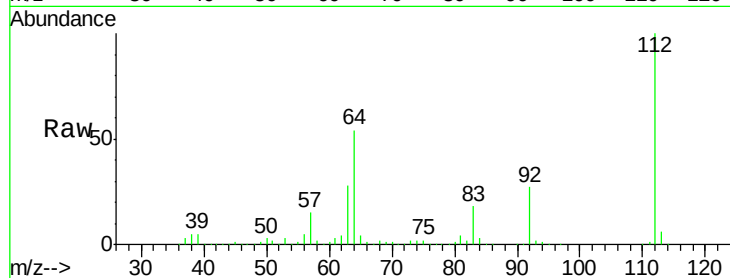
Delta R.T. 0.01 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

Instrument :
BNA_F
ClientSampled :

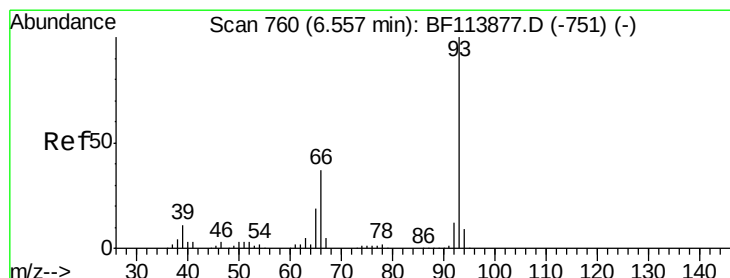
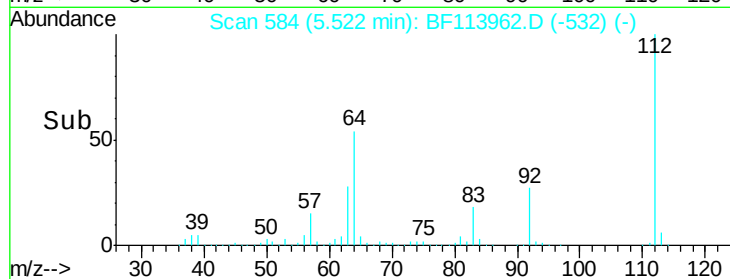
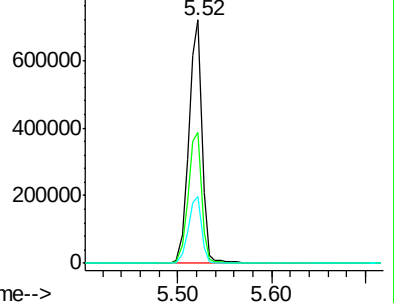
Tot Ion:	112	Resp:	711125
Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.6	69.8
63	27.7	23.1	34.7



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: 0.071 ng

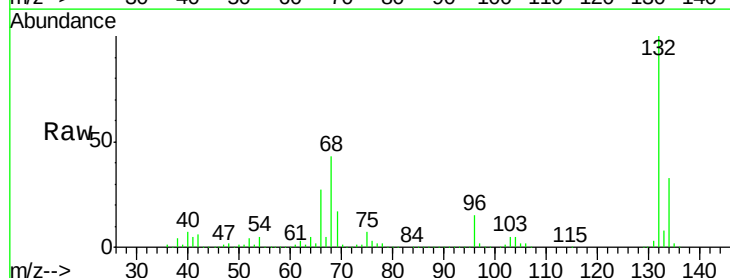
RT: 6.66 min Scan# 778

Delta R.T. 0.11 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

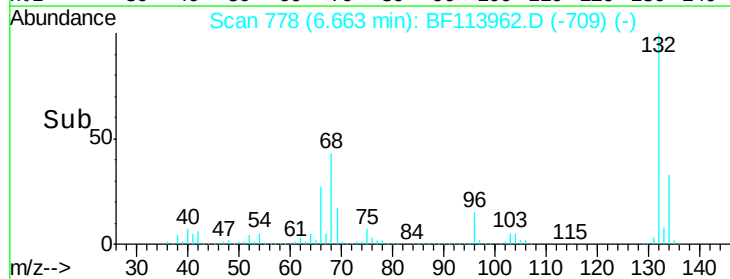
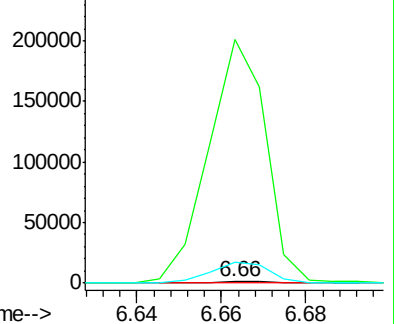
Tgt Ion:	93	Resp:	935
Ion	Ratio	Lower	Upper
93	100		
66	21288.1	29.8	44.6#
65	1854.2	14.9	22.3#

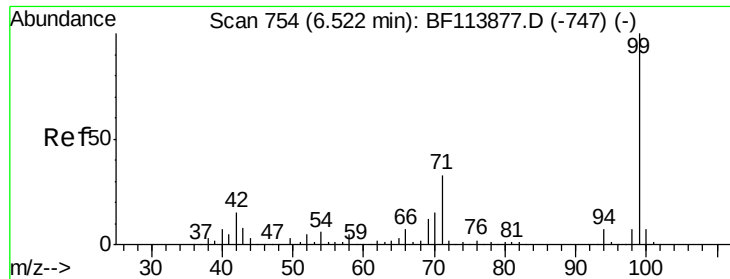


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 95.832 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

Instrument :

BNA_F

ClientSampleId :

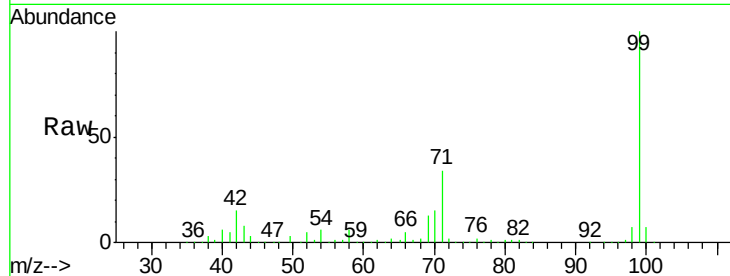
Tot Ion: 99 Resp: 913883

Ion Ratio Lower Upper

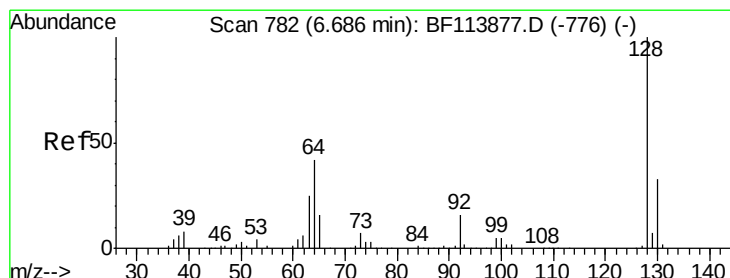
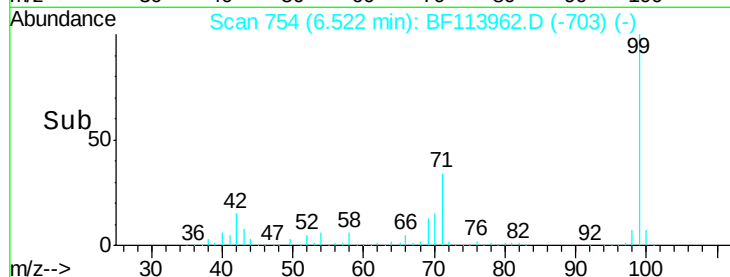
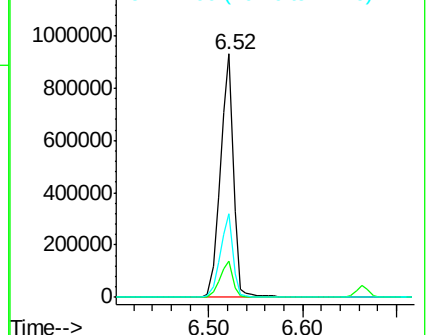
99 100

42 14.9 12.5 18.7

71 34.5 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: 0.012 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

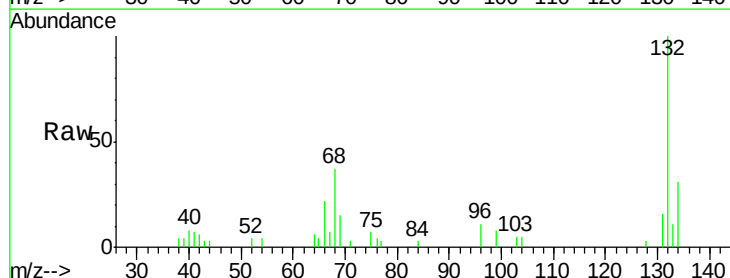
Tgt Ion: 128 Resp: 106

Ion Ratio Lower Upper

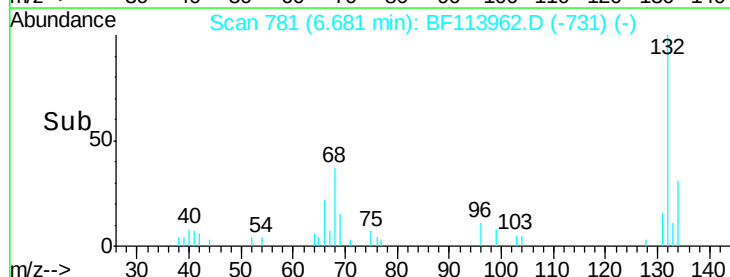
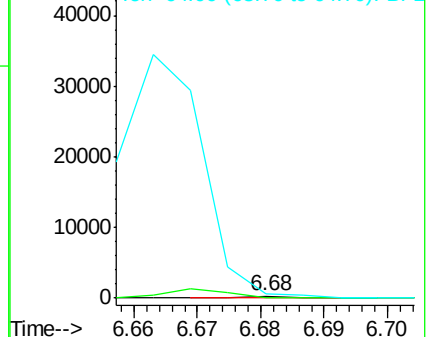
128 100

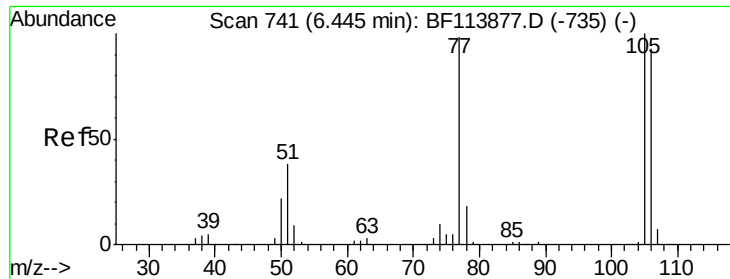
130 0.0 12.3 52.3#

64 214.0 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: Below Cal

RT: 6.52 min Scan# 754

Delta R.T. 0.08 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

Instrument :

BNA_F

ClientSampleId :

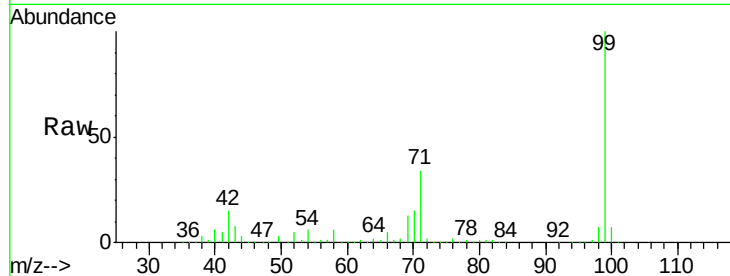
Tot Ion: 77 Resp: 1173

Ion Ratio Lower Upper

77 100

105 0.0 74.1 114.1#

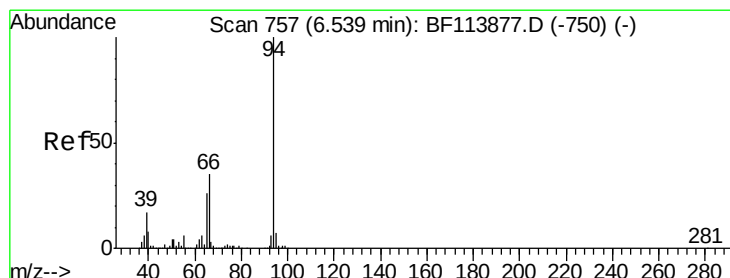
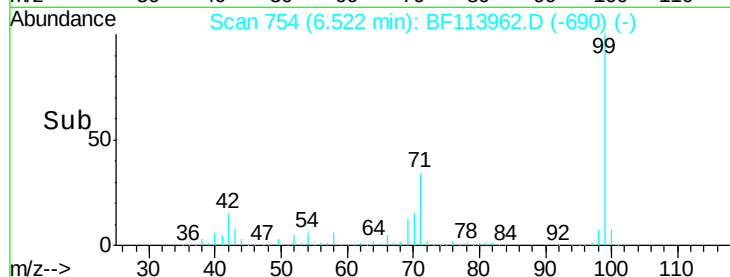
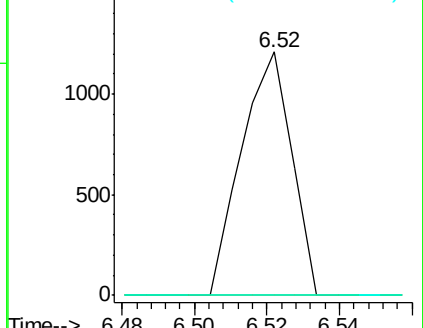
106 0.0 70.3 110.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 0.202 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

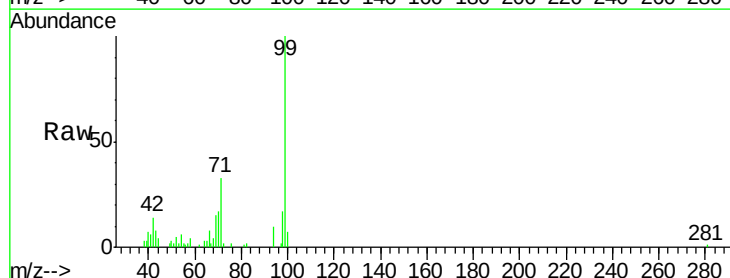
Tgt Ion: 94 Resp: 2298

Ion Ratio Lower Upper

94 100

65 30.5 8.1 48.1

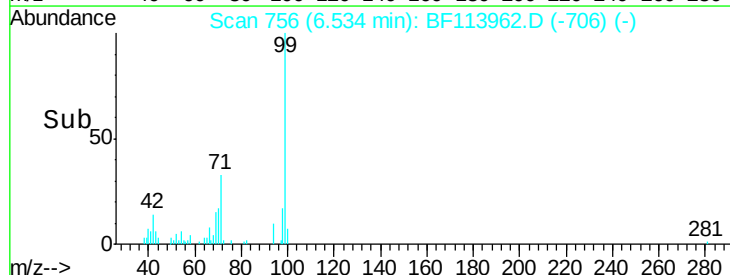
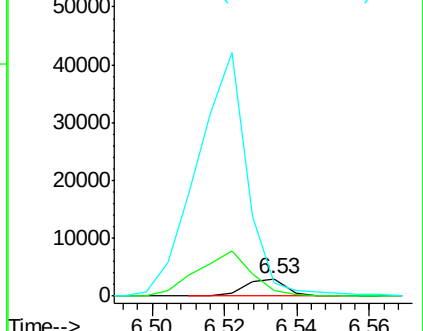
66 77.9 16.6 56.6#

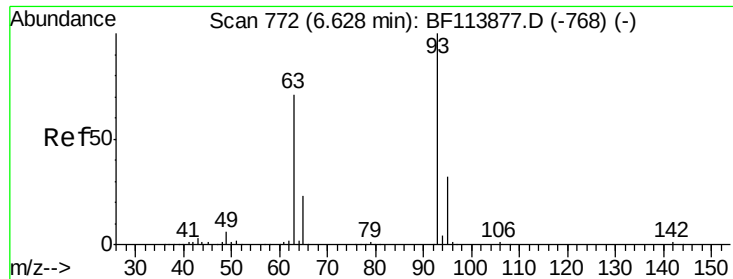


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.109 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.04 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

Instrument :

BNA_F

ClientSampled :

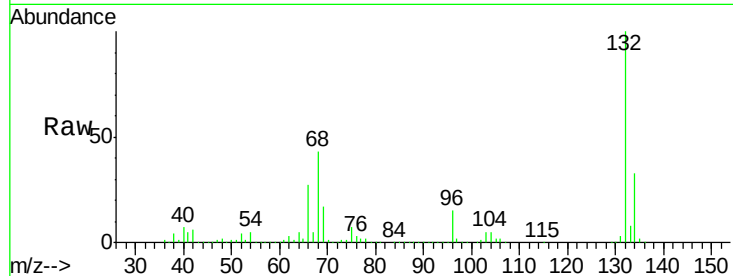
Tot Ion: 93 Resp: 935

Ion Ratio Lower Upper

93 100

63 833.4 50.7 90.7#

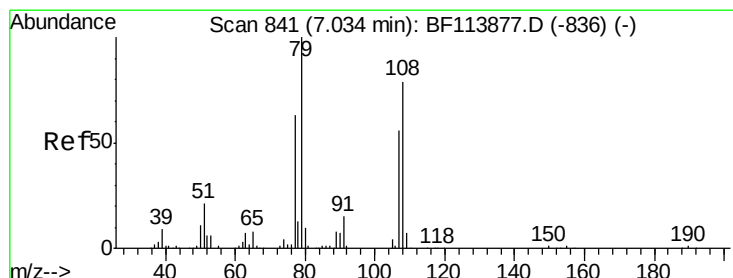
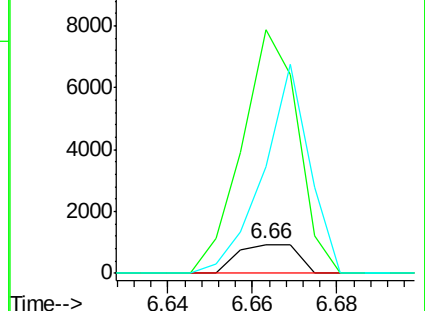
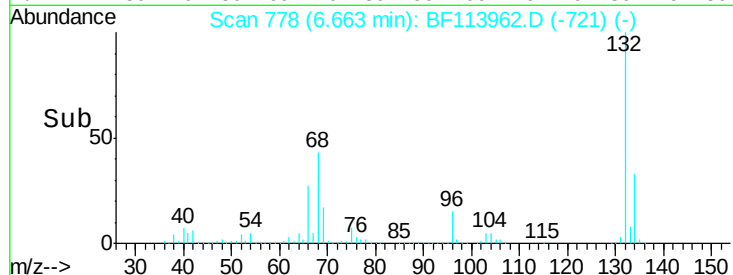
95 362.9 12.3 52.3#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#15

Benzyl Alcohol

Concen: 1.369 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.02 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

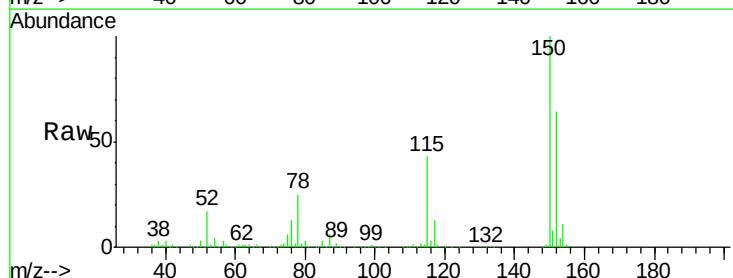
Tgt Ion: 79 Resp: 8791

Ion Ratio Lower Upper

79 100

108 28.9 61.4 92.0#

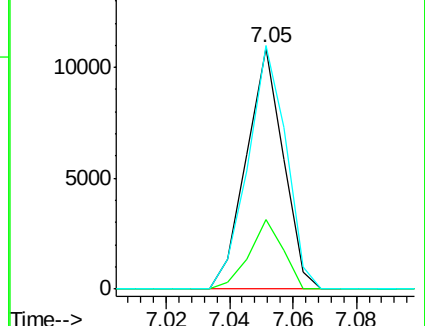
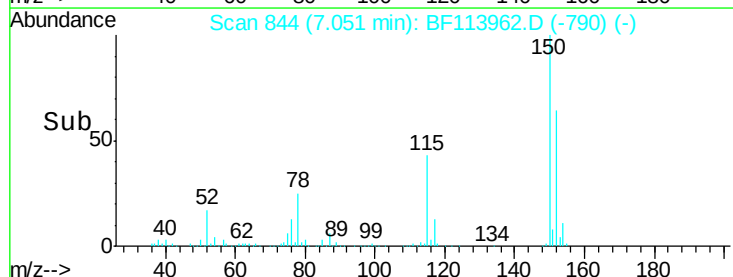
77 101.0 51.6 77.4#

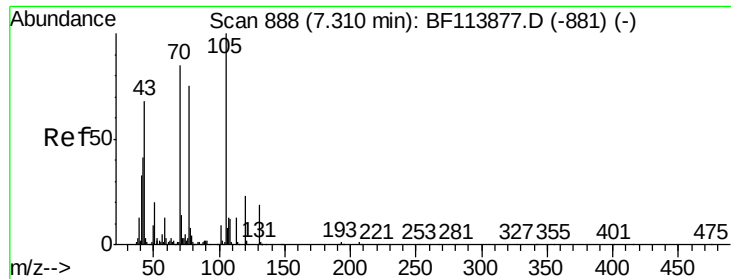


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

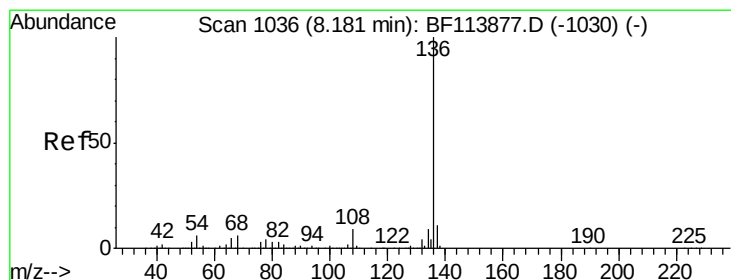
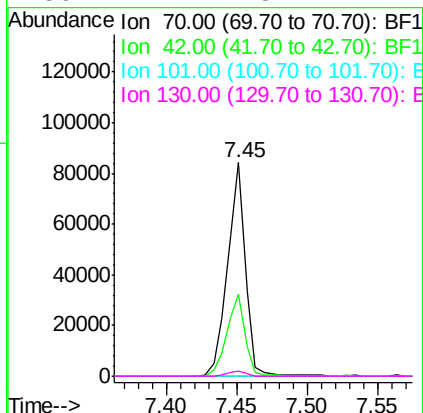
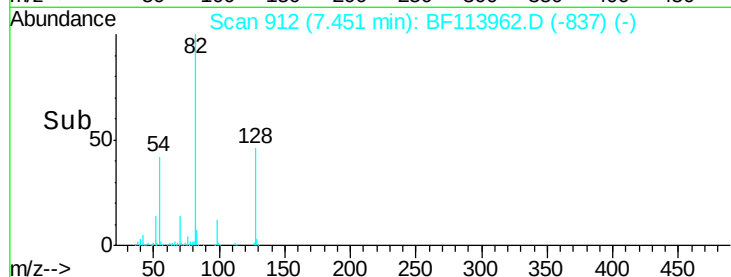
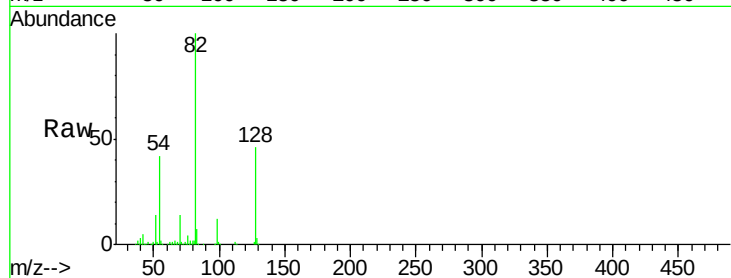




#19
n-Nitroso-di-n-propylamine
Concen: 12.015 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

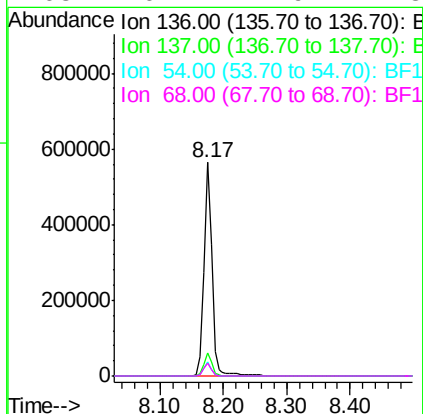
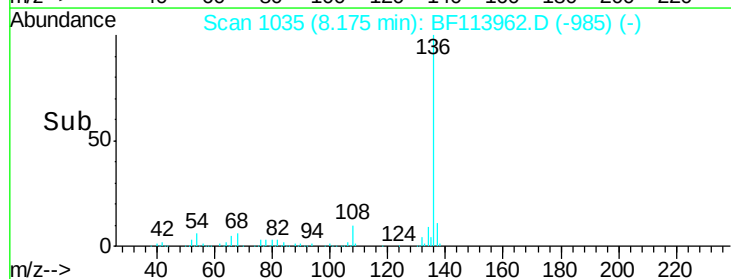
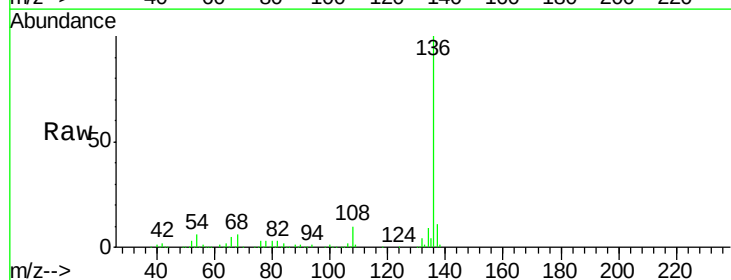
Instrument :
BNA_F
ClientSampleId :

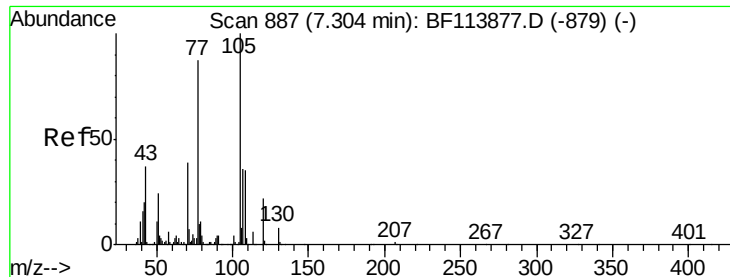
Tot Ion: 70 Resp: 74200
Ion Ratio Lower Upper
70 100
42 38.4 37.3 55.9
101 0.0 7.8 11.8#
130 2.4 18.2 27.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

Tgt Ion: 136 Resp: 493650
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.4 5.0 7.6
68 6.2 4.9 7.3





#22

Acetophenone

Concen: 0.012 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF113962.D

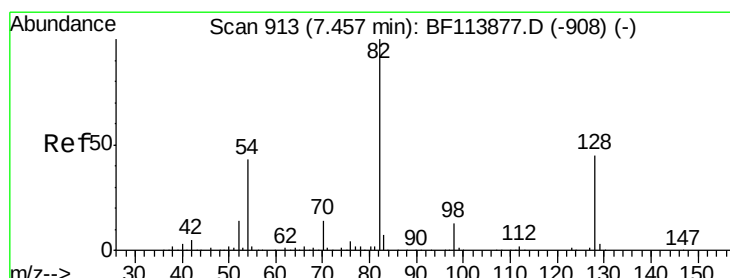
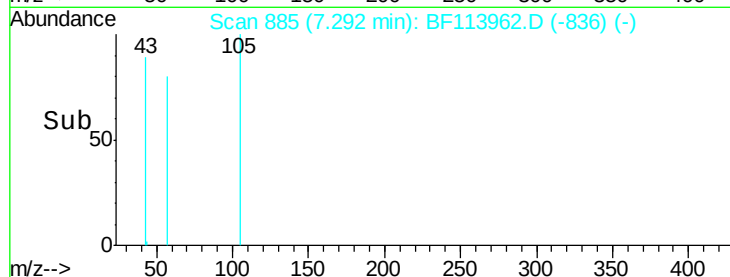
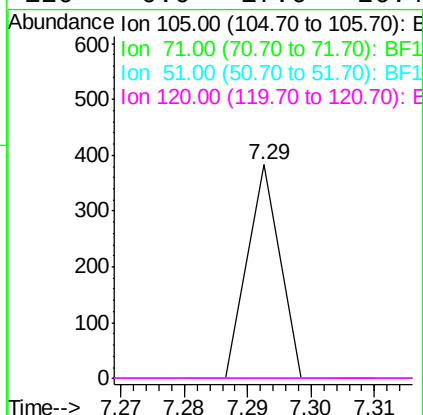
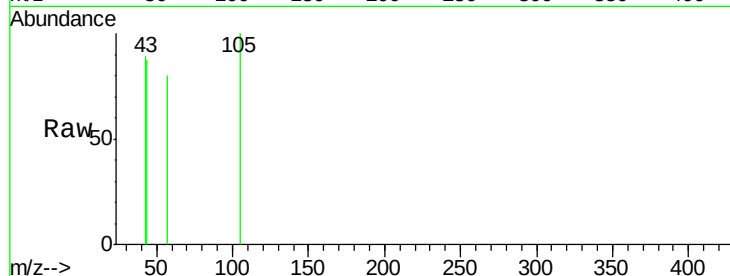
Acq: 24 Apr 2019 15:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	105	Resp:	135
Ion	Ratio	Lower	Upper
105	100		
71	0.0	6.1	9.1#
51	0.0	16.8	25.2#
120	0.0	17.6	26.4#



#23

Nitrobenzene-d5

Concen: 69.507 ng

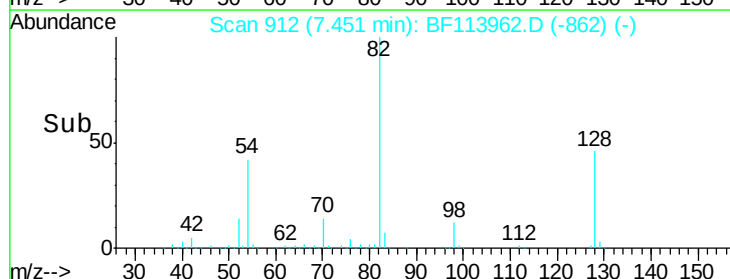
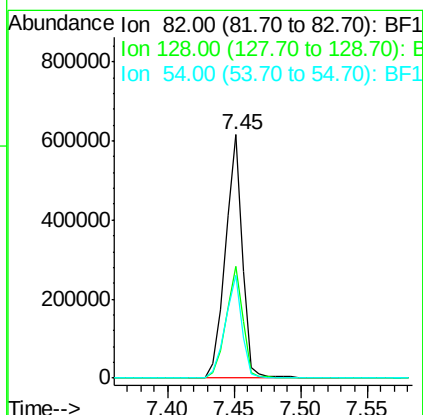
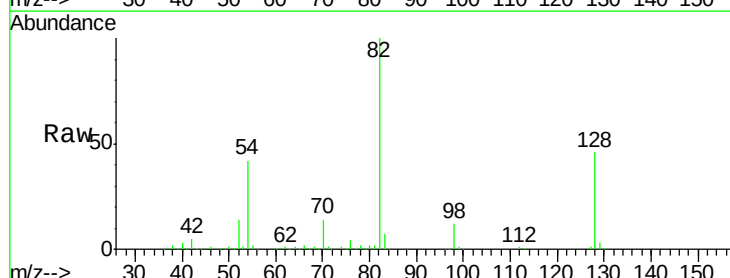
RT: 7.45 min Scan# 912

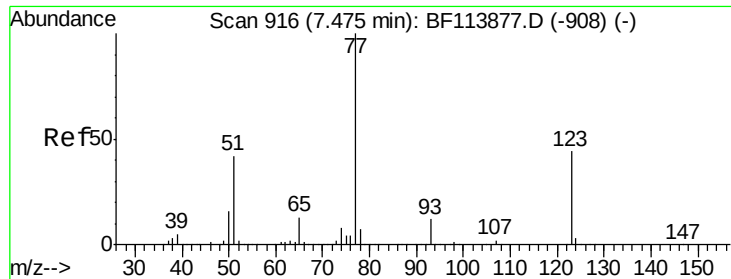
Delta R.T. -0.01 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

Tgt Ion:	82	Resp:	555714
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.8	55.2
54	42.2	33.8	50.6

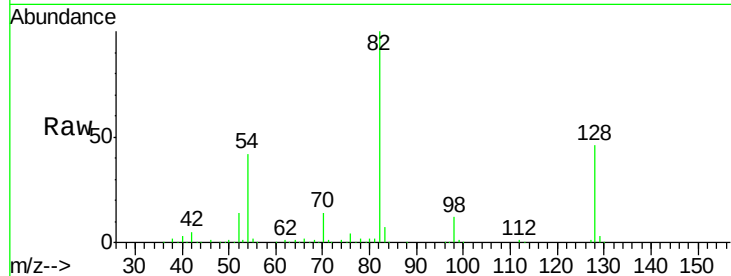




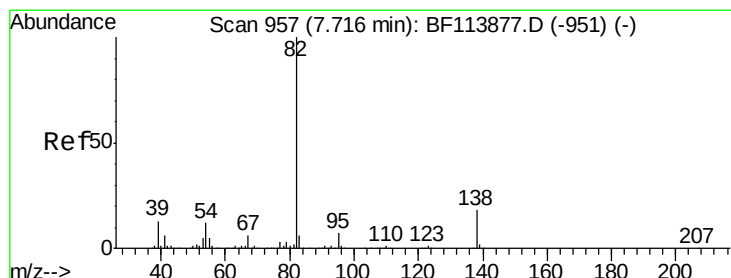
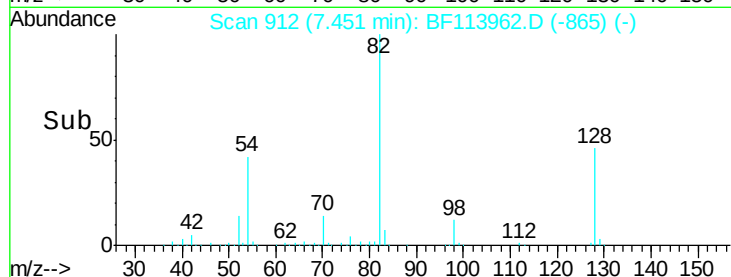
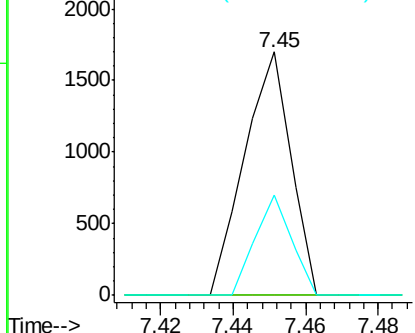
#24
 Nitrobenzene
 Concen: 0.171 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: BF113962.D
 Acq: 24 Apr 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 77 Resp: 1508
 Ion Ratio Lower Upper
 77 100
 123 0.0 36.3 54.5#
 65 41.3 10.3 15.5#

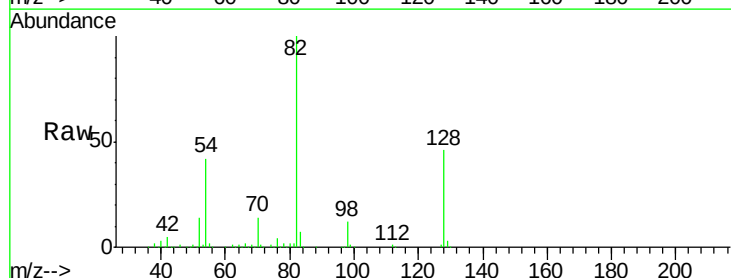


Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

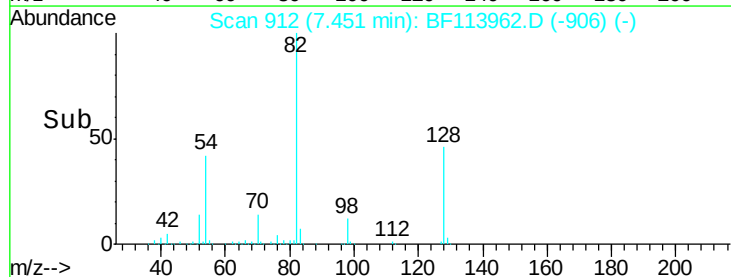
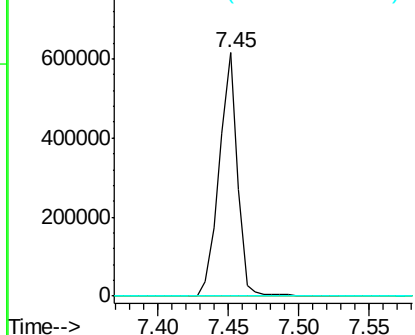


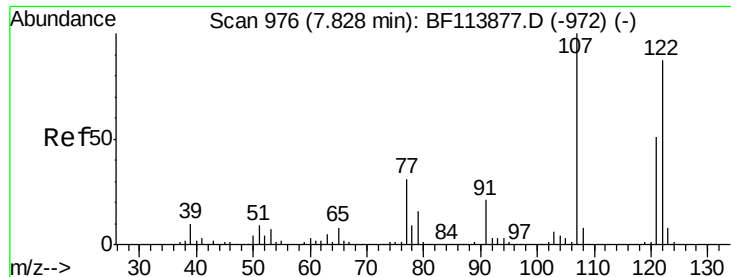
#25
 Isophorone
 Concen: 33.969 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.26 min
 Lab File: BF113962.D
 Acq: 24 Apr 2019 15:36

Tgt Ion: 82 Resp: 555709
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 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

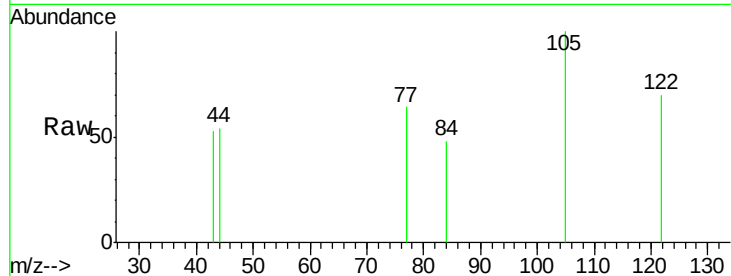




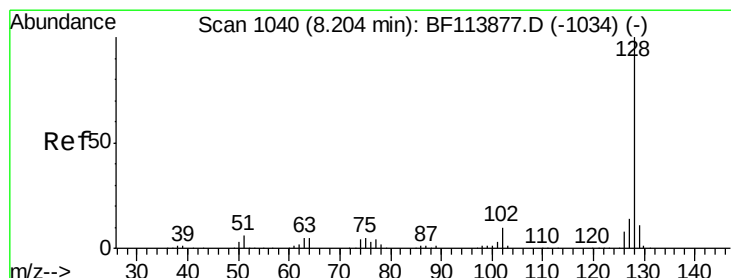
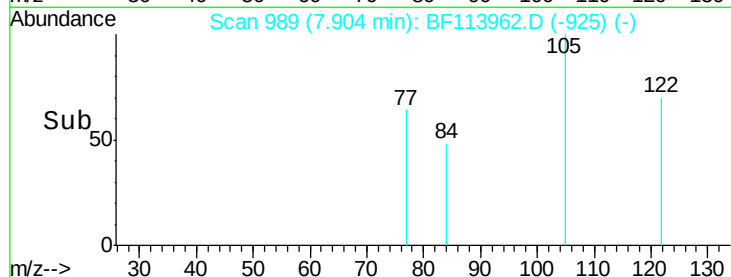
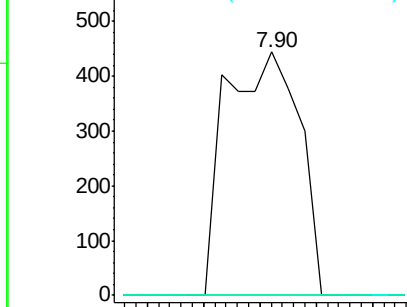
#27
2,4-Dimethylphenol
Concen: 0.122 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.08 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 800
Ion Ratio Lower Upper
122 100
107 0.0 91.2 136.8#
121 0.0 46.4 69.6#

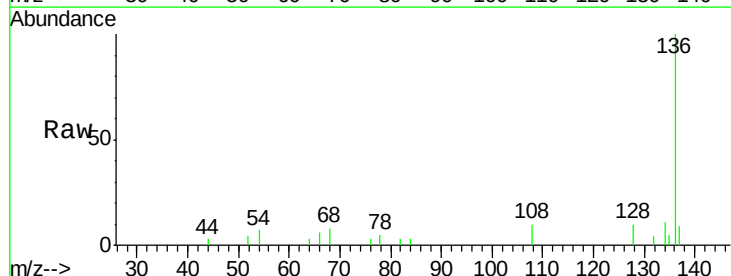


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

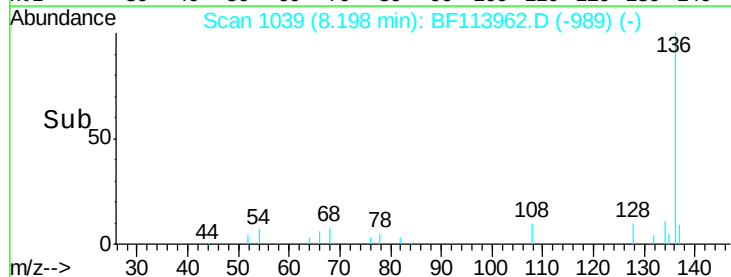
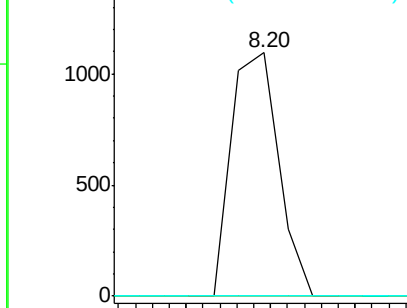


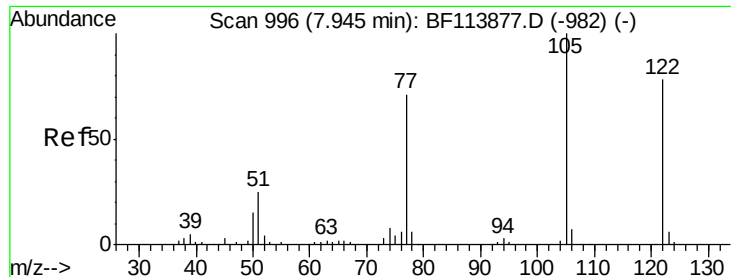
#31
Naphthalene
Concen: 0.036 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

Tgt Ion:128 Resp: 853
Ion Ratio Lower Upper
128 100
129 0.0 9.4 14.0#
127 0.0 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

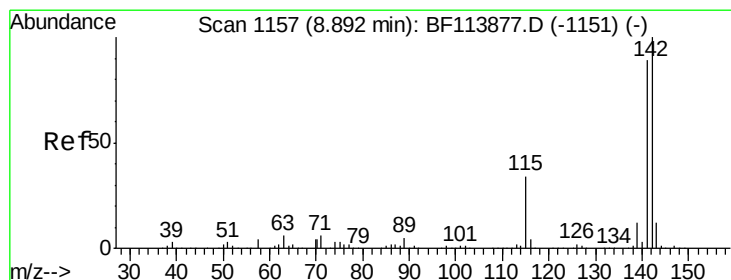
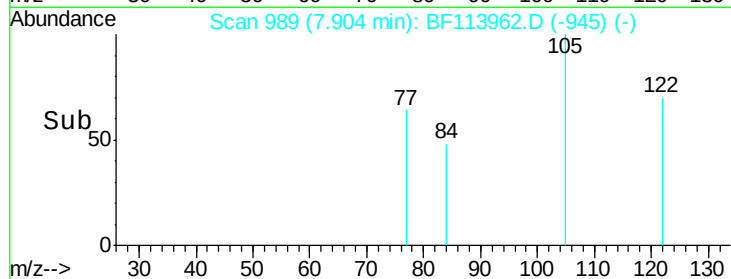
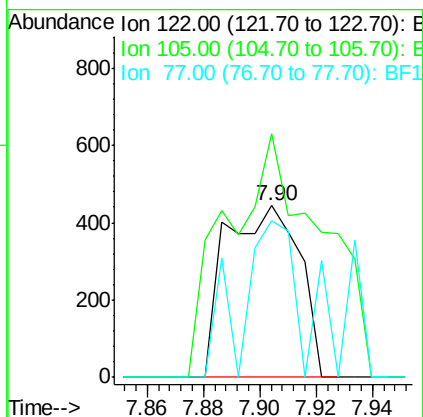
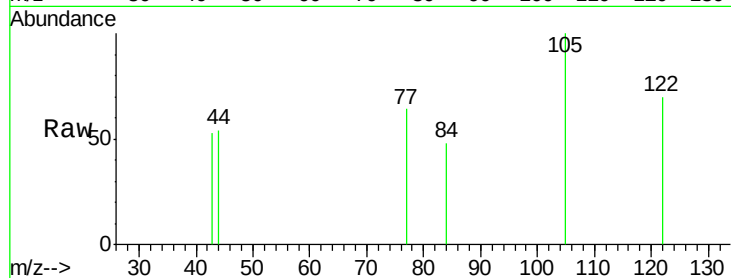




#32
Benzoic acid
Concen: 0.180 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.04 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

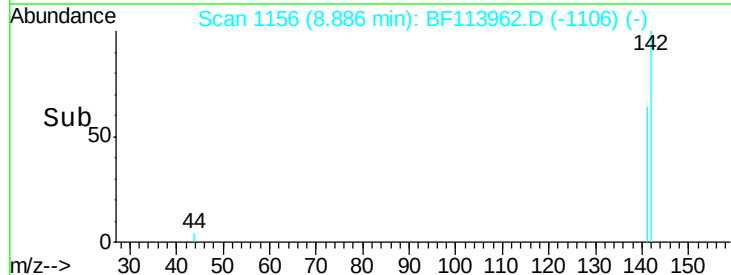
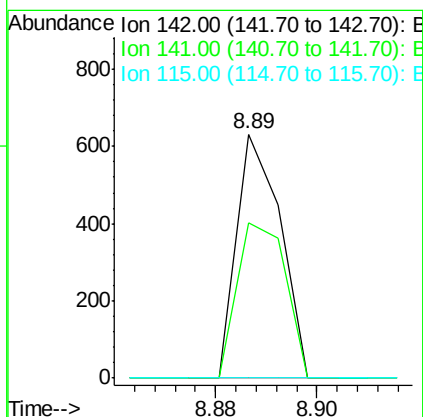
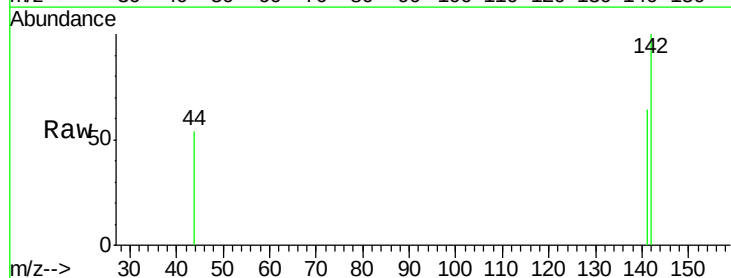
Instrument :
BNA_F
ClientSampled :

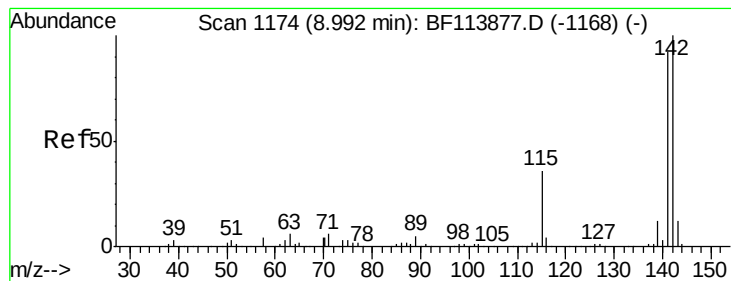
Tot Ion:122 Resp: 800
Ion Ratio Lower Upper
122 100
105 141.9 104.3 144.3
77 91.4 70.4 110.4



#37
2-Methylnaphthalene
Concen: 0.024 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

Tgt Ion:142 Resp: 381
Ion Ratio Lower Upper
142 100
141 63.5 70.4 105.6#
115 0.0 26.3 39.5#





#38

1-Methylnaphthalene

Concen: 0.033 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

Instrument :

BNA_F

ClientSampleId :

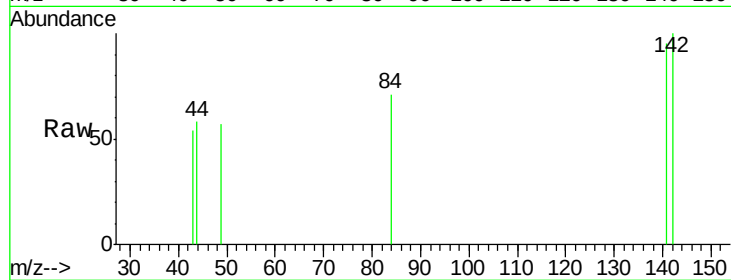
Tot Ion:142 Resp: 505

Ion Ratio Lower Upper

142 100

141 95.4 72.3 108.5

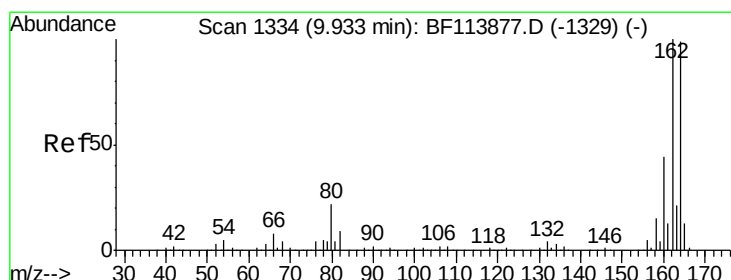
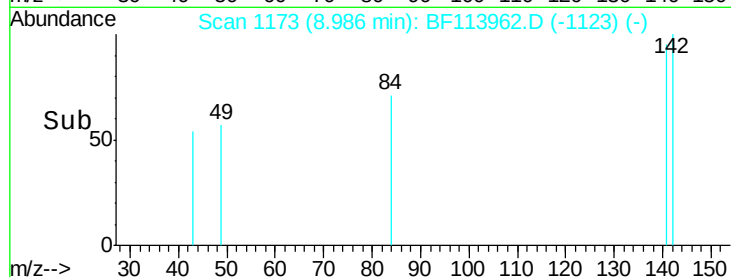
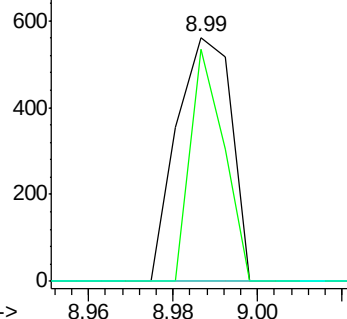
116 0.0 3.0 4.4#



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# 1333

Delta R.T. -0.01 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

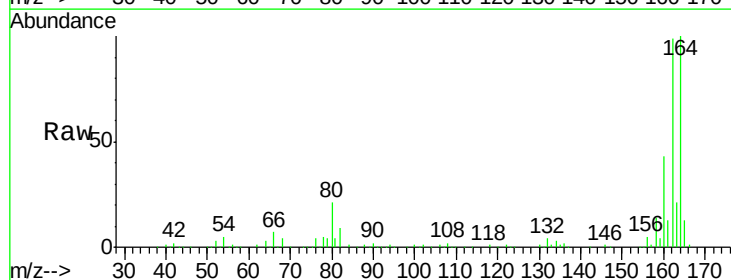
Tgt Ion:164 Resp: 249862

Ion Ratio Lower Upper

164 100

162 99.4 81.1 121.7

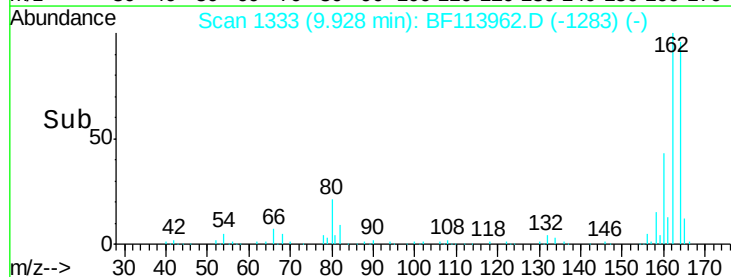
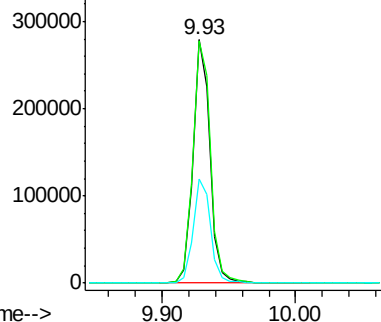
160 42.8 35.8 53.6

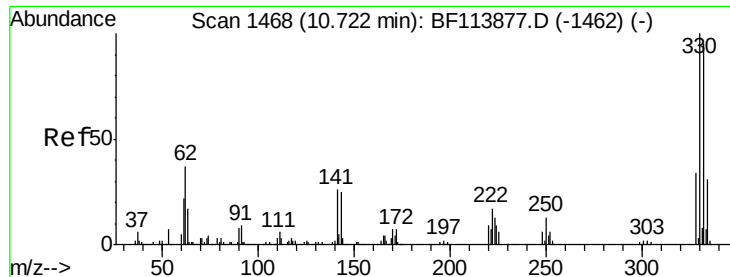


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

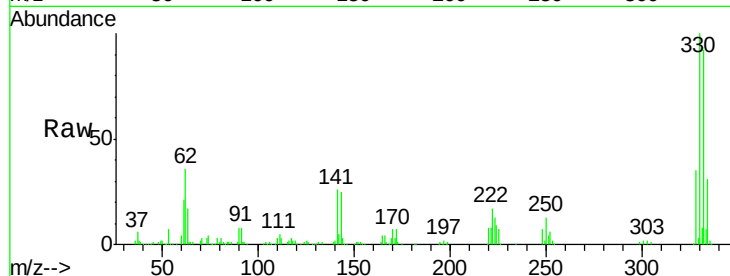




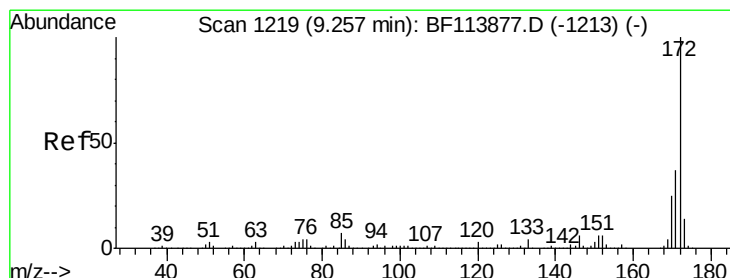
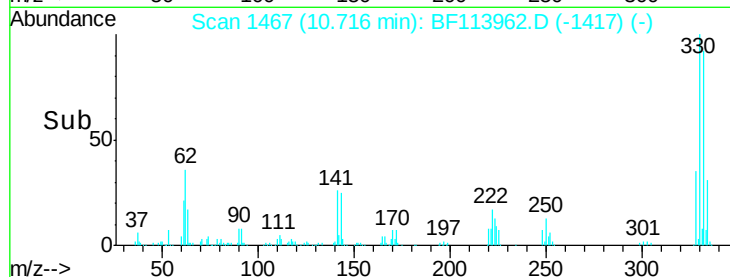
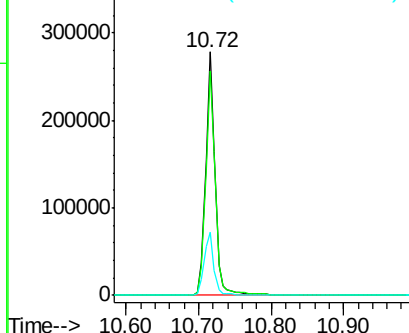
#42
 2,4,6-Tribromophenol
 Concen: 83.817 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF113962.D
 Acq: 24 Apr 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.5	116.3
141	26.5	22.2	33.2

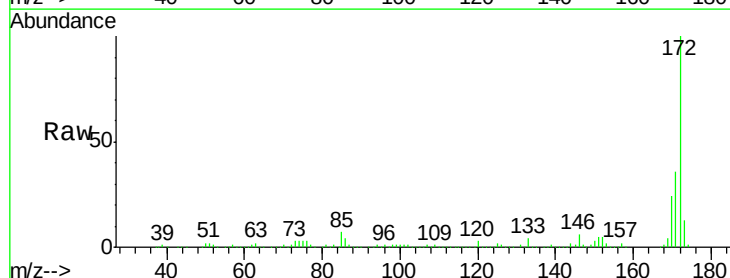


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

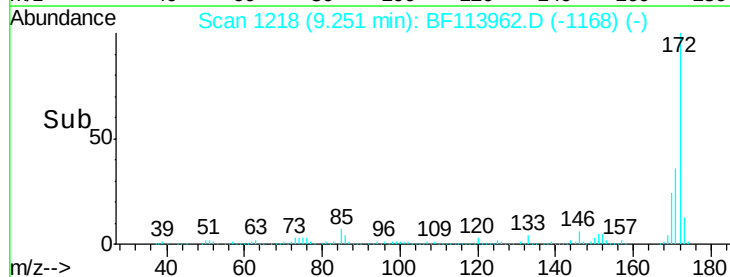
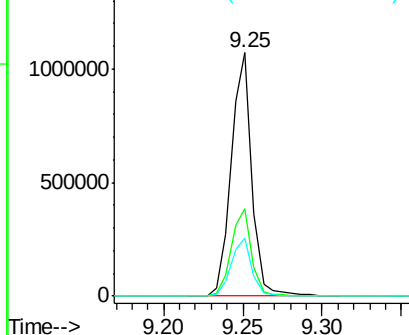


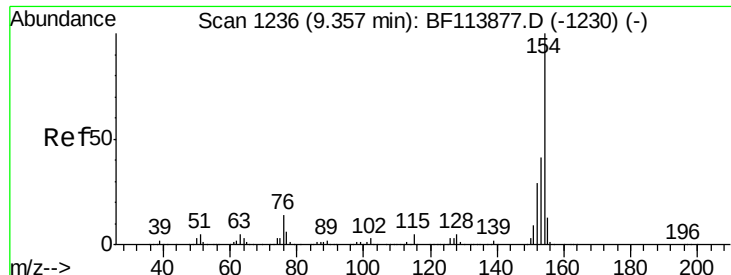
#45
 2-Fluorobiphenyl
 Concen: 60.533 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113962.D
 Acq: 24 Apr 2019 15:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.8	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

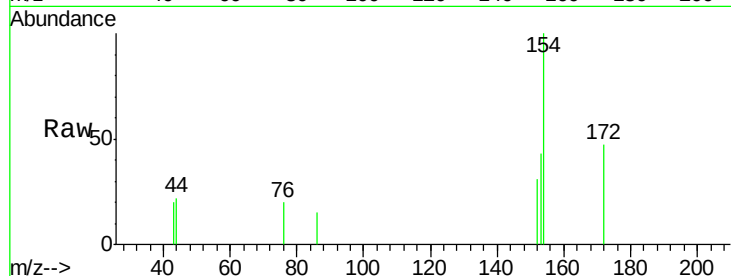




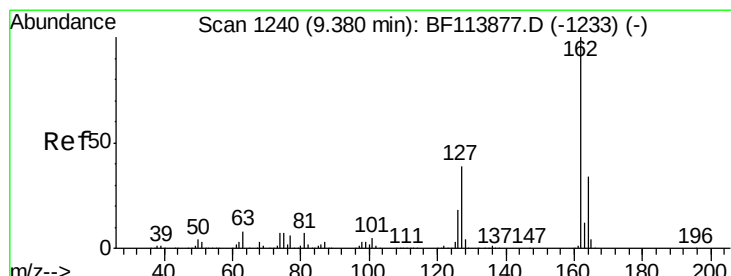
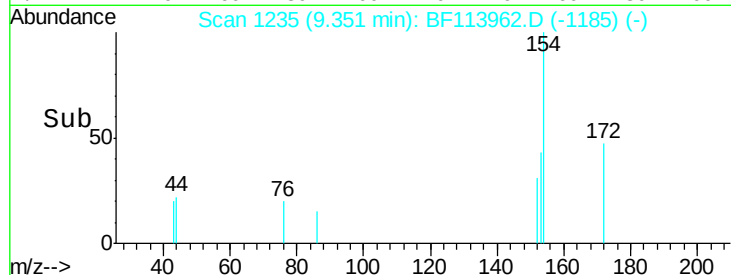
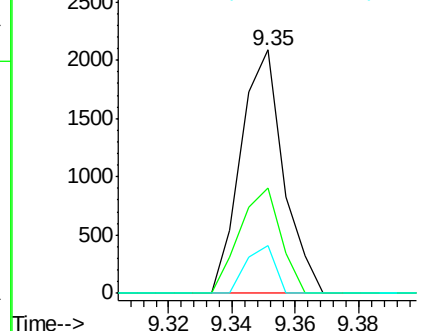
#46
 1,1'-Biphenyl
 Concen: 0.102 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF113962.D
 Acq: 24 Apr 2019 15:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 1943
 Ion Ratio Lower Upper
 154 100
 153 43.4 20.8 60.8
 76 19.6 0.0 35.2

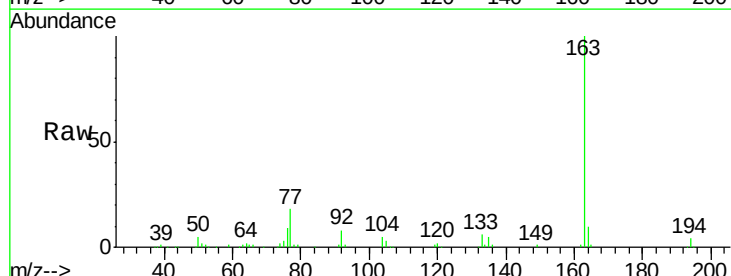


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

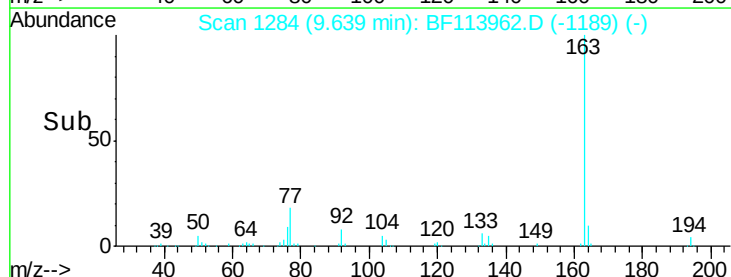
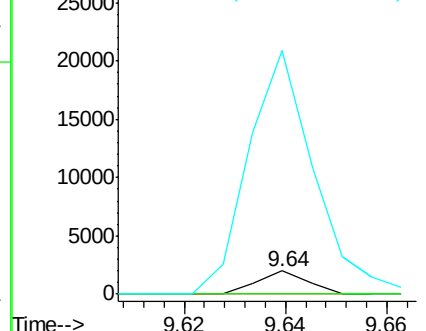


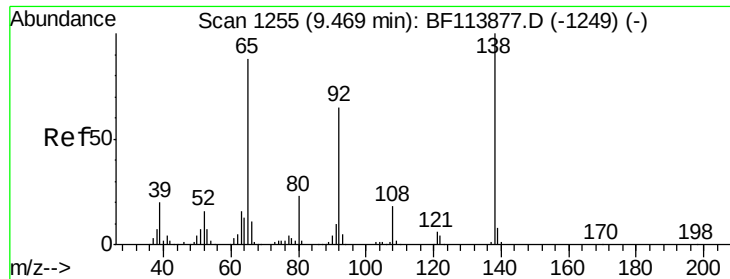
#47
 2-Chloronaphthalene
 Concen: 0.086 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.26 min
 Lab File: BF113962.D
 Acq: 24 Apr 2019 15:36

Tgt Ion:162 Resp: 1337
 Ion Ratio Lower Upper
 162 100
 127 0.0 29.3 43.9#
 164 1057.5 27.1 40.7#



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

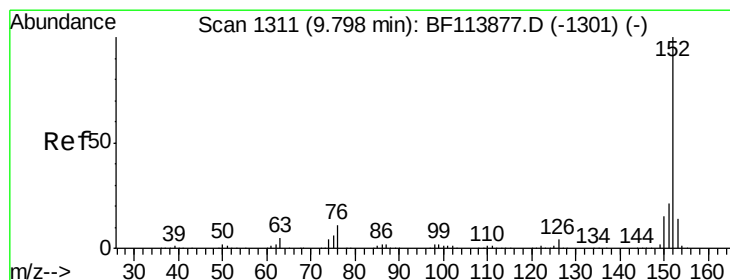
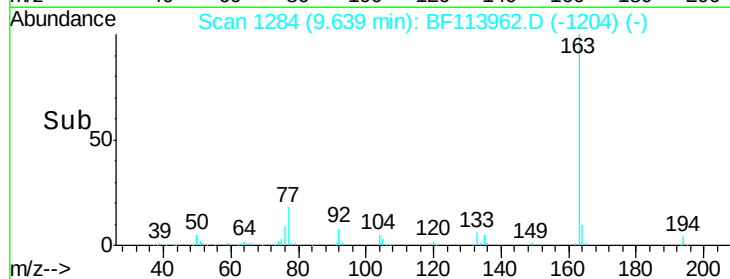
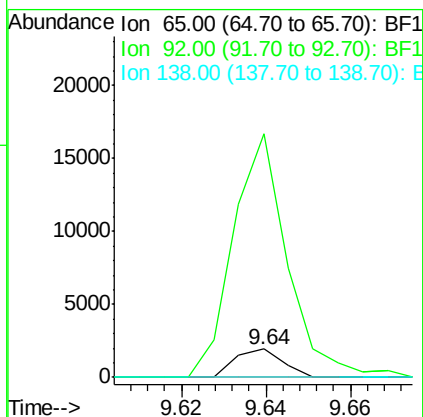
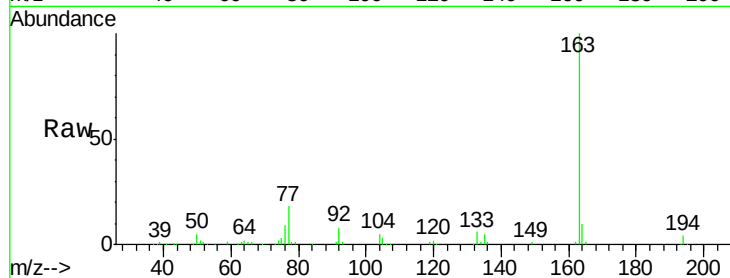




#48
2-Nitroaniline
Concen: 0.369 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.17 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

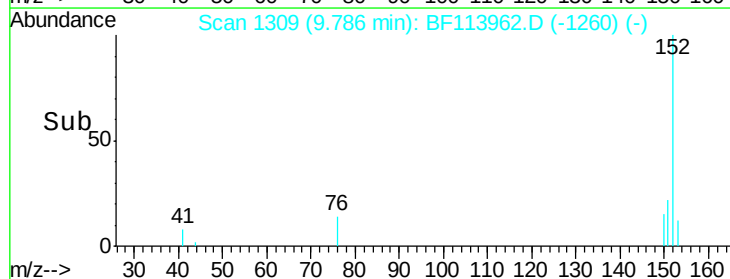
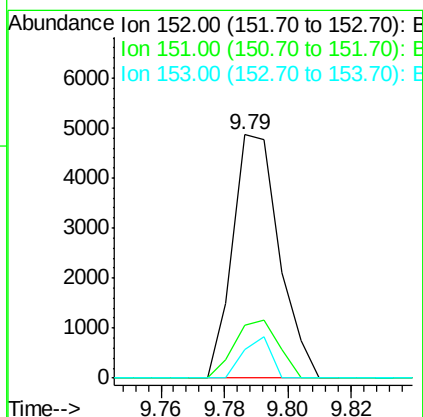
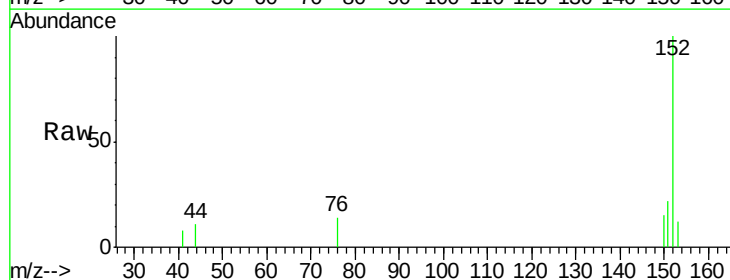
Instrument :
BNA_F
ClientSampleId :

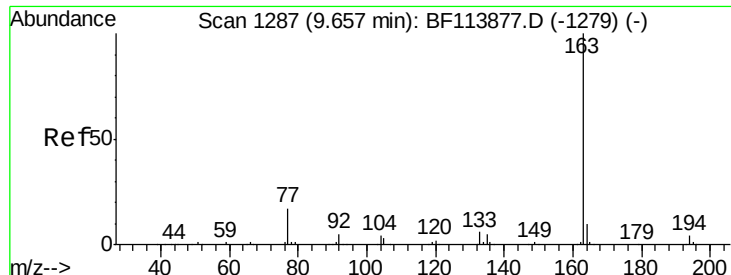
Tot Ion: 65 Resp: 1503
Ion Ratio Lower Upper
65 100
92 870.9 57.4 86.0#
138 0.0 85.4 128.0#



#49
Acenaphthylene
Concen: 0.203 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

Tgt Ion: 152 Resp: 4935
Ion Ratio Lower Upper
152 100
151 21.5 17.0 25.4
153 11.9 11.0 16.6

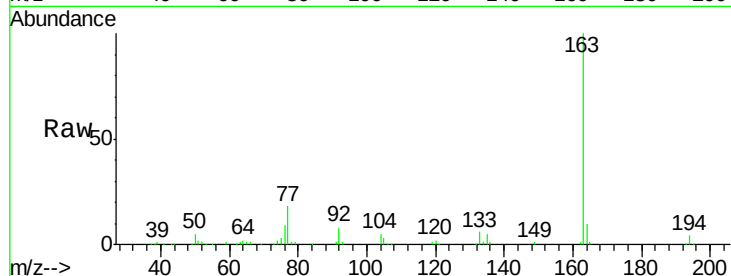




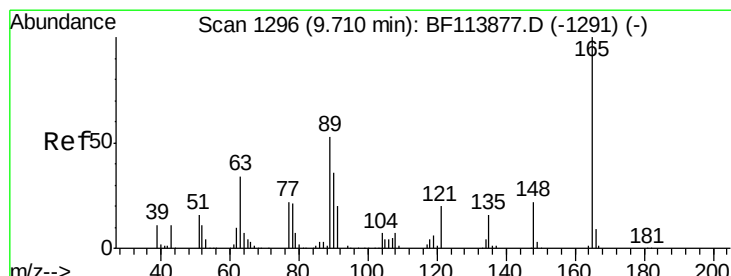
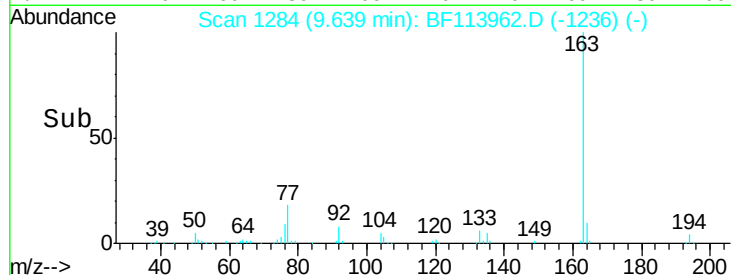
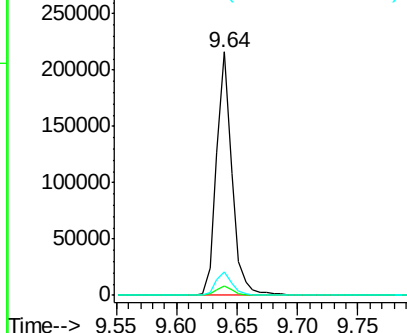
#50
Dimethylphthalate
Concen: 10.448 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 188799
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 9.7 8.5 12.7

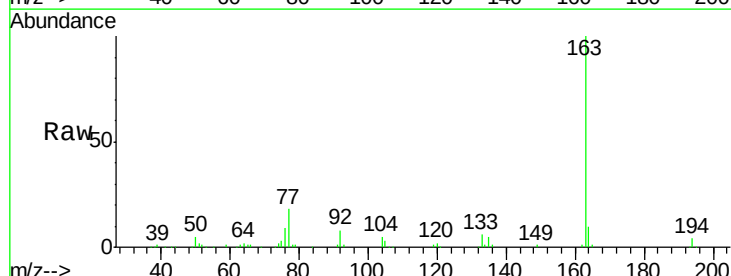


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

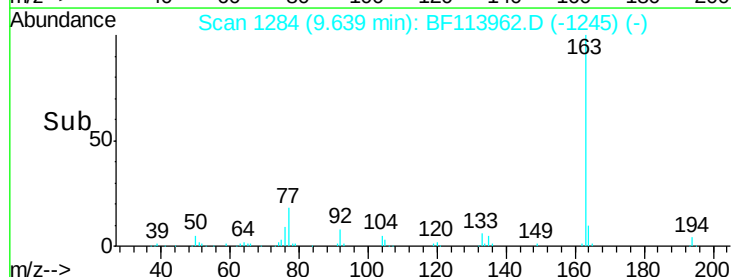
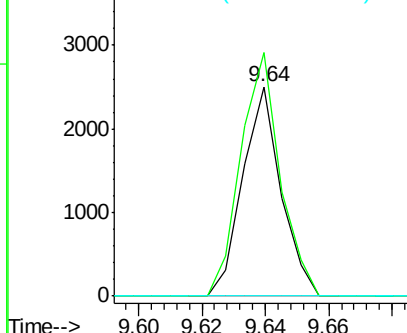


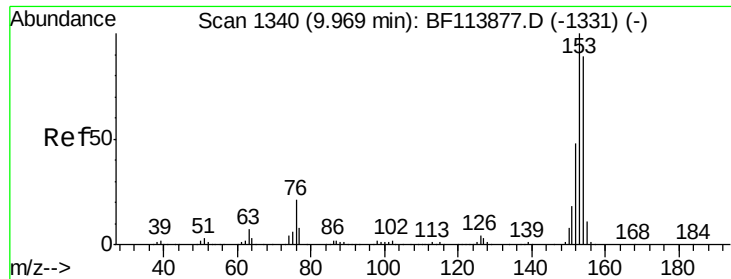
#51
2,6-Dinitrotoluene
Concen: 0.540 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.07 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

Tgt Ion:165 Resp: 2095
Ion Ratio Lower Upper
165 100
63 116.4 33.8 50.8#
89 0.0 38.2 57.2#



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





#52

Acenaphthene

Concen: 0.098 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

Instrument :

BNA_F

ClientSampleId :

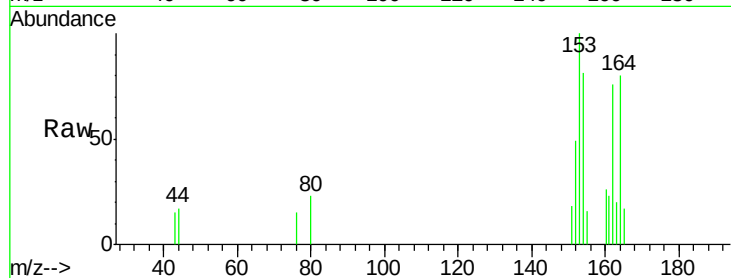
Tot Ion:154 Resp: 1406

Ion Ratio Lower Upper

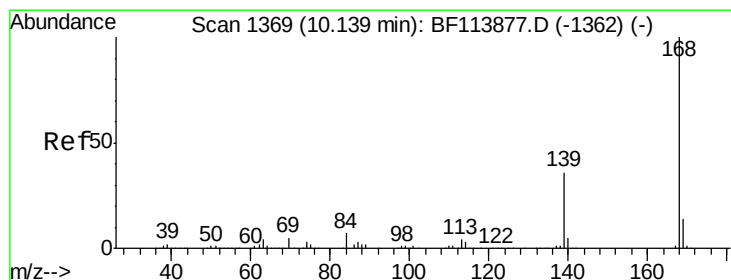
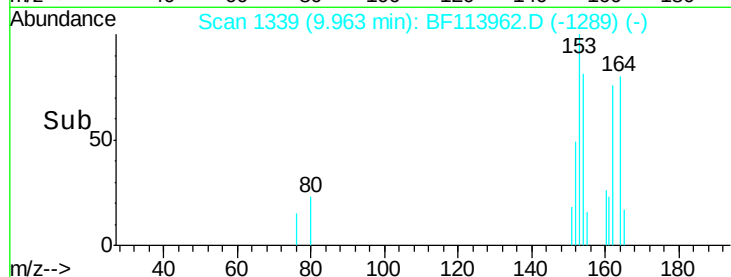
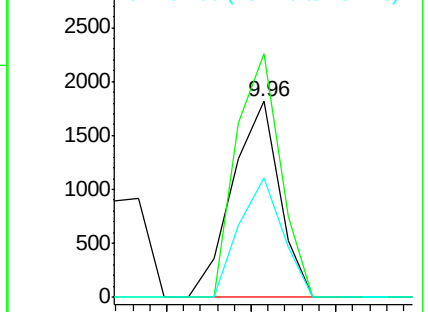
154 100

153 124.2 87.2 130.8

152 60.8 42.3 63.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 0.046 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

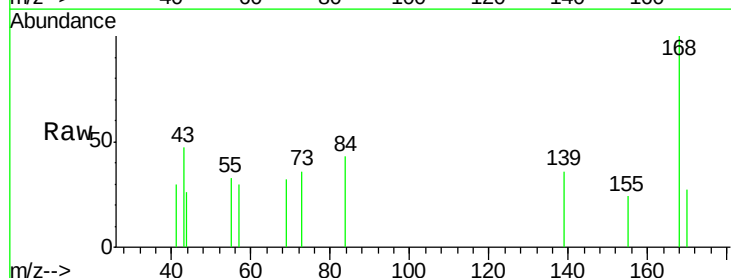
Tgt Ion:168 Resp: 982

Ion Ratio Lower Upper

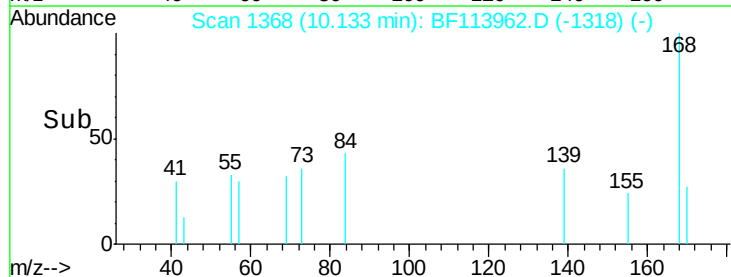
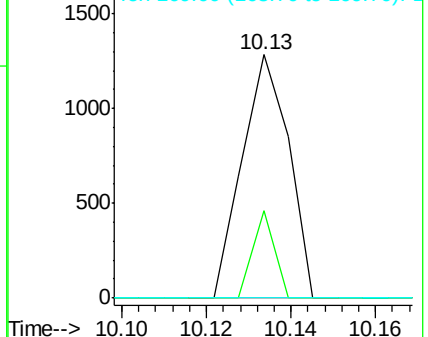
168 100

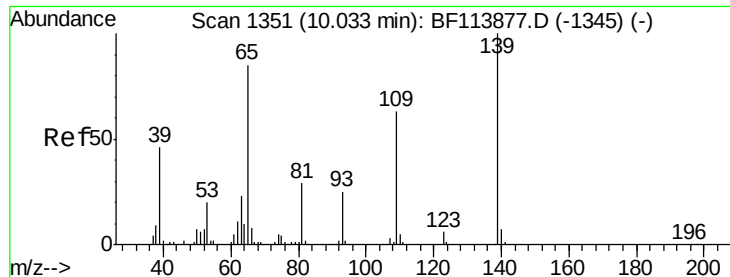
139 36.1 27.8 41.6

169 0.0 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

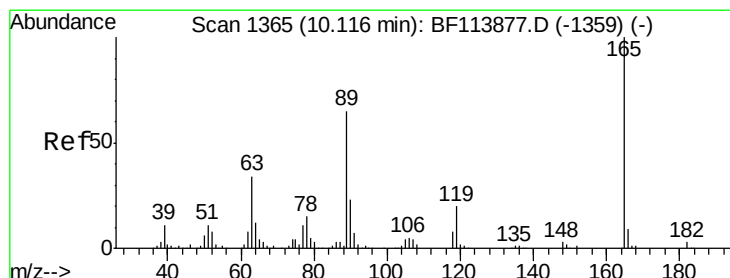
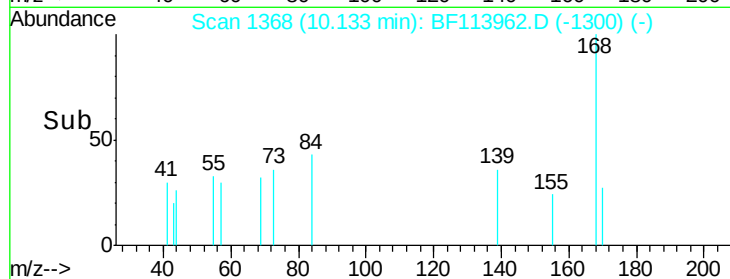
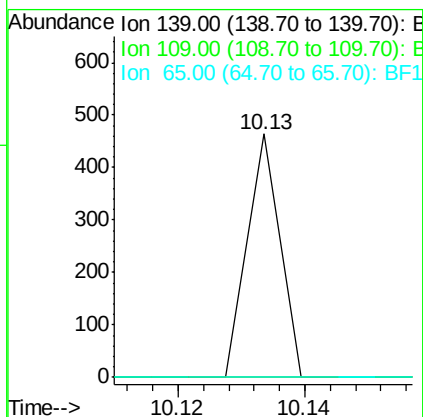
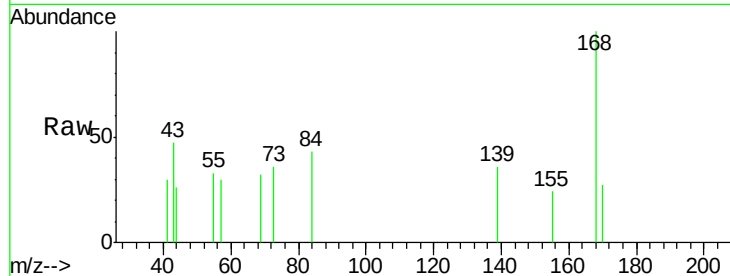




#56
4-Nitrophenol
Concen: 0.051 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.10 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

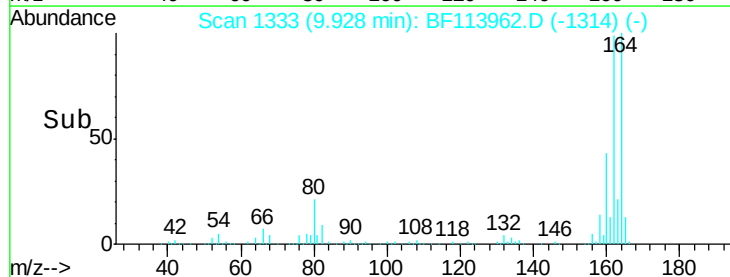
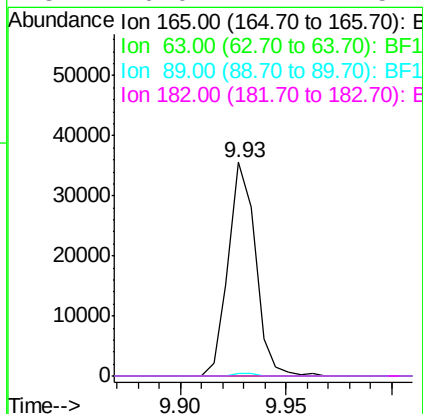
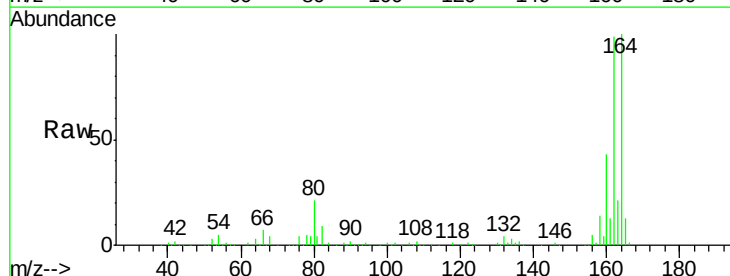
Instrument :
BNA_F
ClientSampleId :

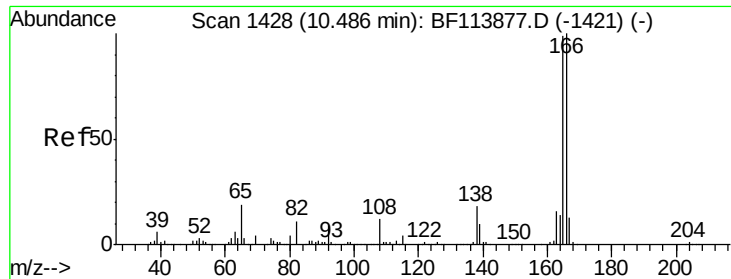
Tot Ion:139 Resp: 164
Ion Ratio Lower Upper
139 100
109 0.0 42.9 82.9#
65 0.0 64.4 104.4#



#57
2,4-Dinitrotoluene
Concen: 6.492 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

Tgt Ion:165 Resp: 31767
Ion Ratio Lower Upper
165 100
63 0.0 27.4 41.0#
89 1.3 51.8 77.6#
182 0.0 2.2 3.2#





#58

Fluorene

Concen: 0.133 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

Instrument :

BNA_F

ClientSampled :

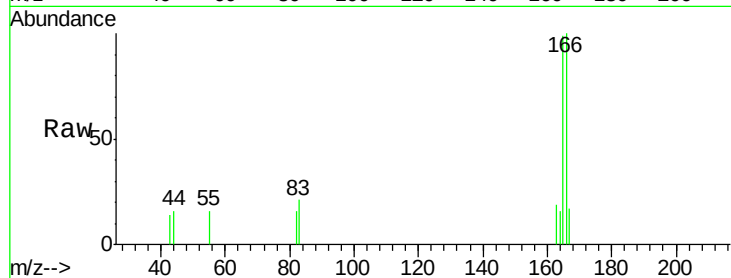
Tot Ion:166 Resp: 2149

Ion Ratio Lower Upper

166 100

165 99.0 78.4 117.6

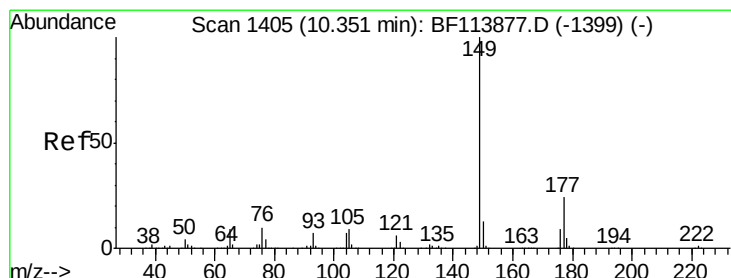
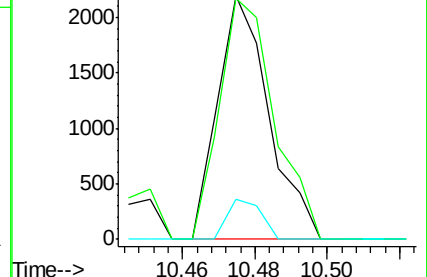
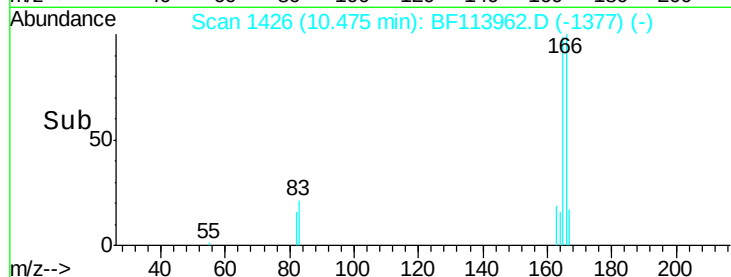
167 16.6 10.9 16.3#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.027 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

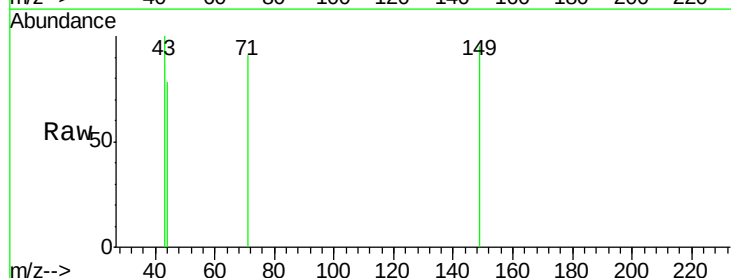
Tgt Ion:149 Resp: 456

Ion Ratio Lower Upper

149 100

177 0.0 19.2 28.8#

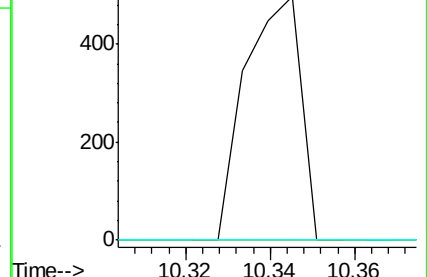
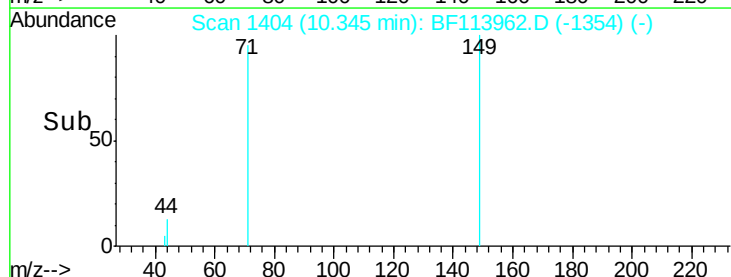
150 0.0 10.3 15.5#

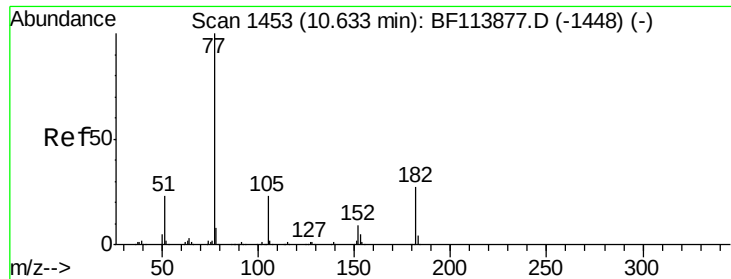


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.068 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.08 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1123

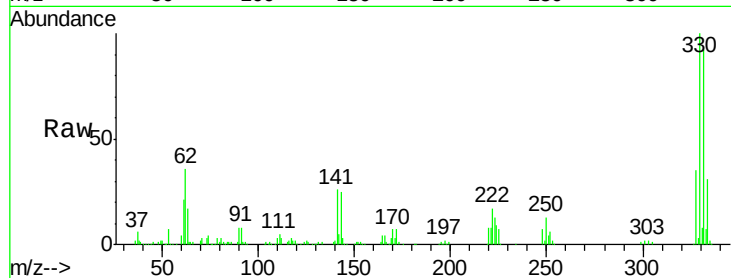
Ion Ratio Lower Upper

77 100

182 65.3 4.4 44.4#

105 91.9 2.2 42.2#

51 75.1 3.9 43.9#

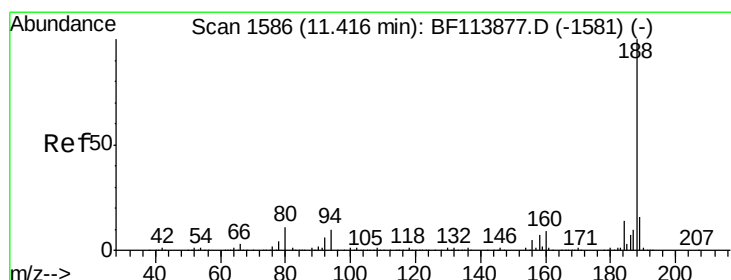
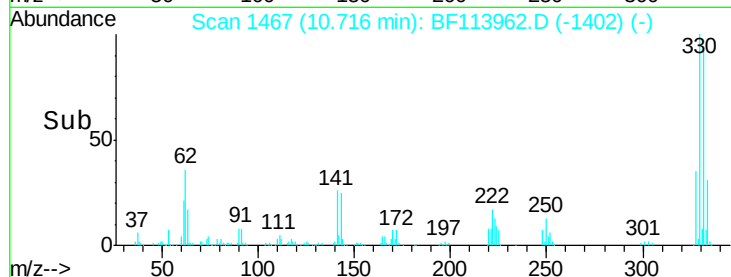
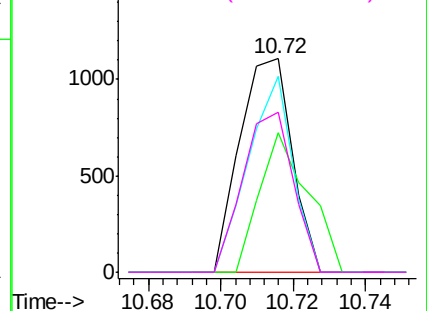


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

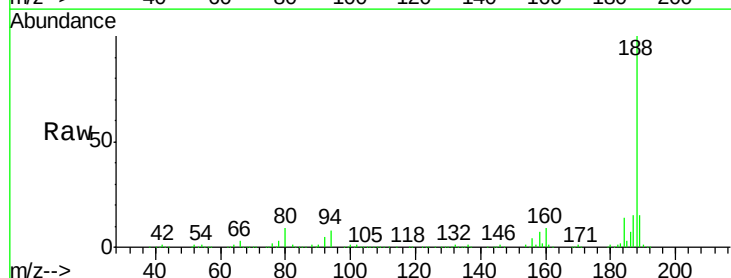
Tgt Ion: 188 Resp: 460597

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.4

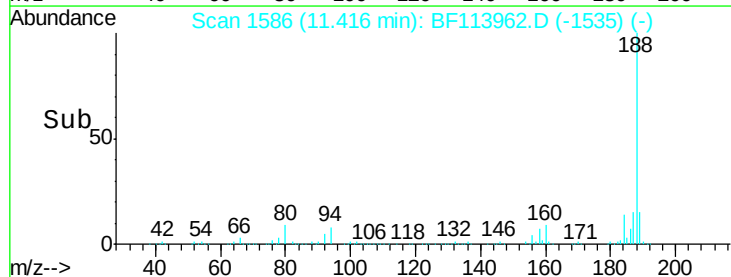
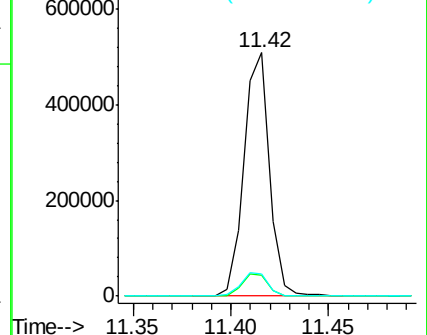
80 9.1 9.0 13.6

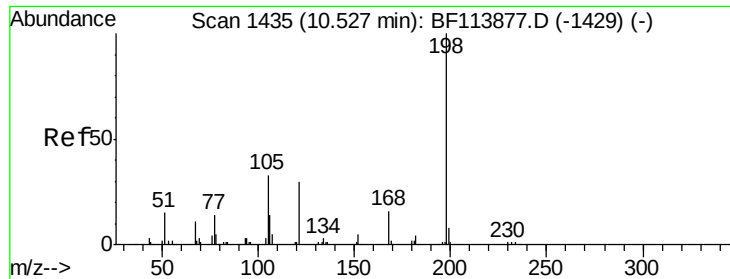


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

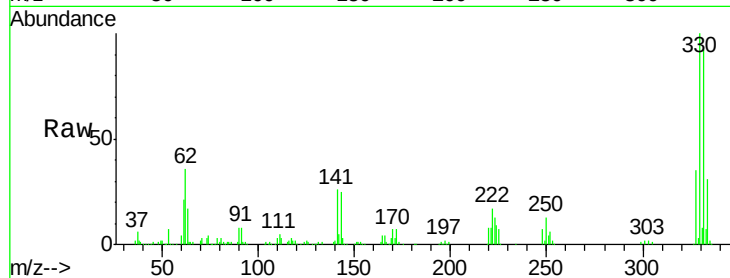




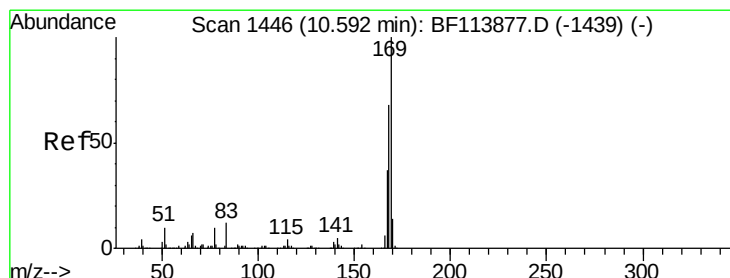
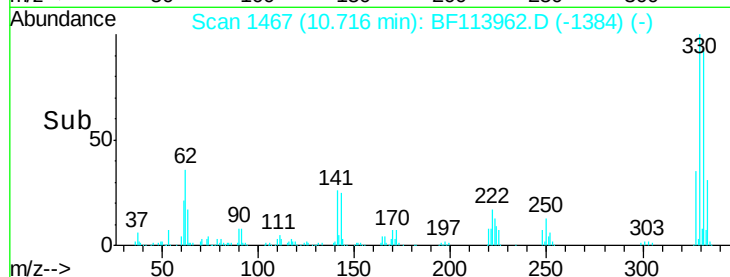
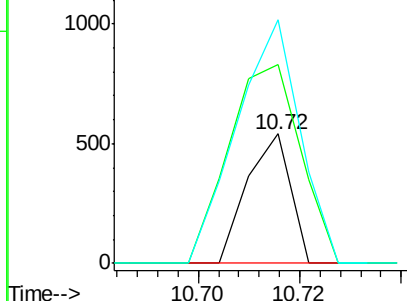
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.436 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.19 min
 Lab File: BF113962.D
 Acq: 24 Apr 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	153.8	11.1	51.1#
105	188.2	20.7	60.7#

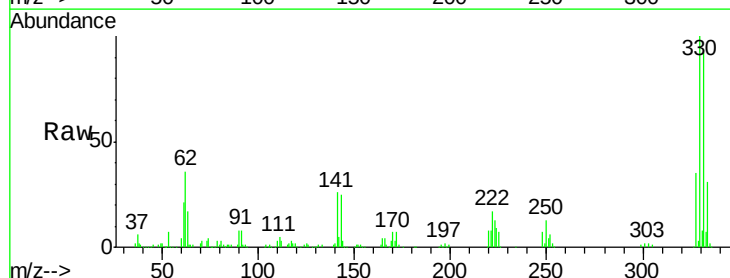


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

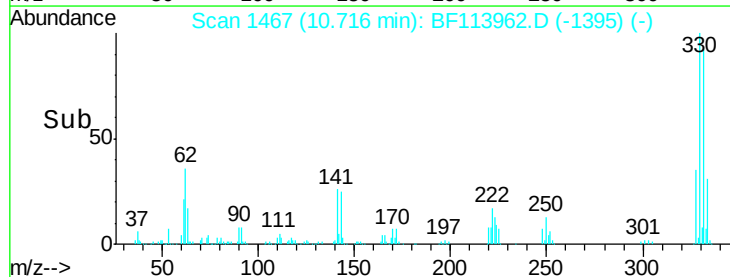
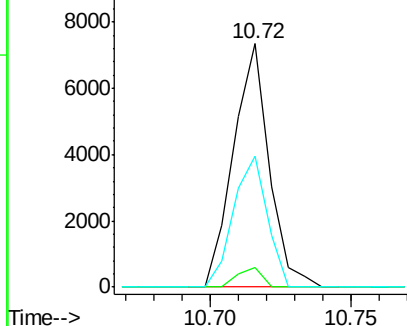


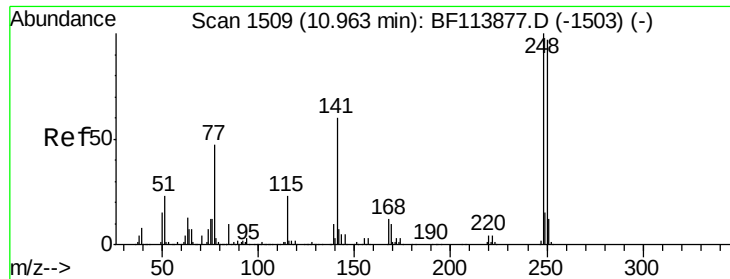
#66
 n-Nitrosodiphenylamine
 Concen: 0.468 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.12 min
 Lab File: BF113962.D
 Acq: 24 Apr 2019 15:36

Tgt Ion	Ratio	Lower	Upper
169	100		
168	7.9	54.3	81.5#
167	53.9	29.4	44.0#



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

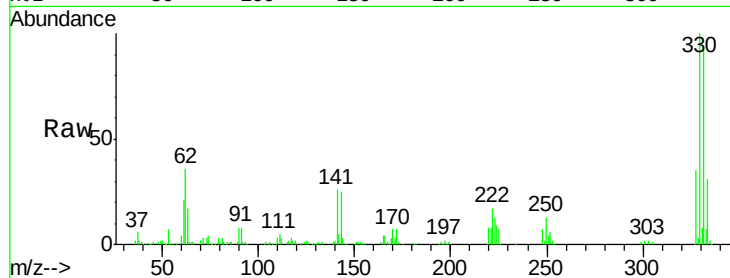




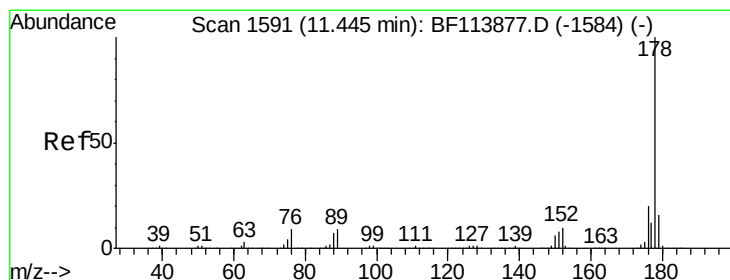
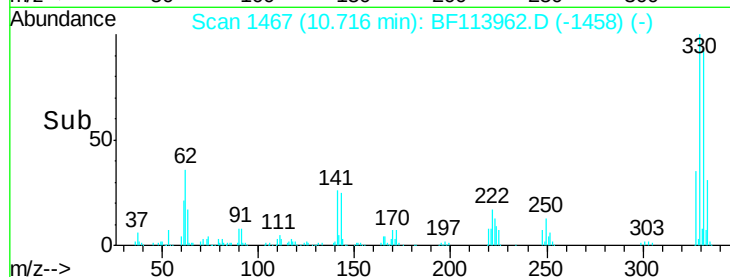
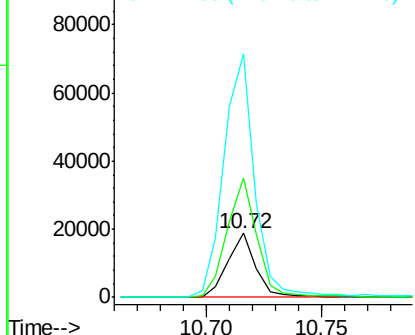
#67
 4-Bromophenyl-phenylether
 Concen: 2.843 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.25 min
 Lab File: BF113962.D
 Acq: 24 Apr 2019 15:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 15818
 Ion Ratio Lower Upper
 248 100
 250 187.1 75.8 113.6#
 141 381.2 50.2 75.4#

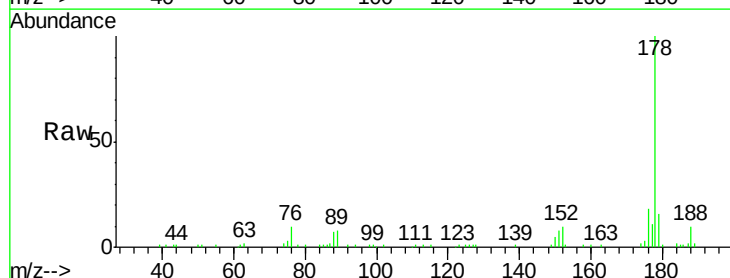


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

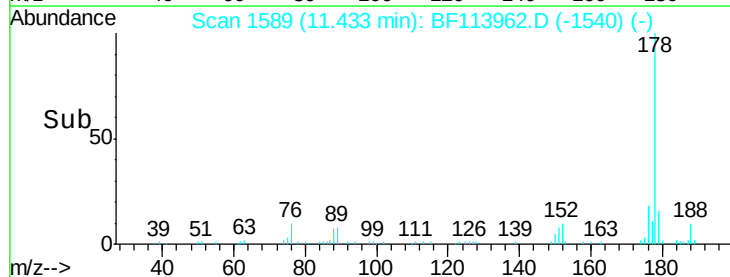
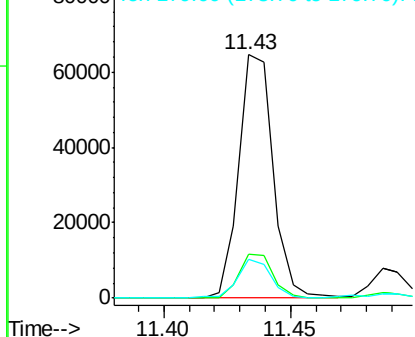


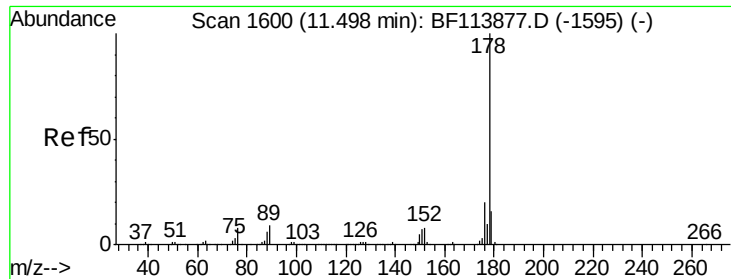
#71
 Phenanthrene
 Concen: 2.637 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF113962.D
 Acq: 24 Apr 2019 15:36

Tgt Ion:178 Resp: 61029
 Ion Ratio Lower Upper
 178 100
 176 18.2 16.1 24.1
 179 16.1 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: 0.301 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

Instrument :

BNA_F

ClientSampleId :

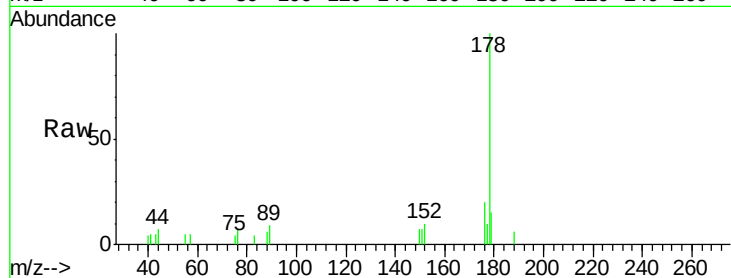
Tot Ion:178 Resp: 7044

Ion Ratio Lower Upper

178 100

176 20.2 15.7 23.5

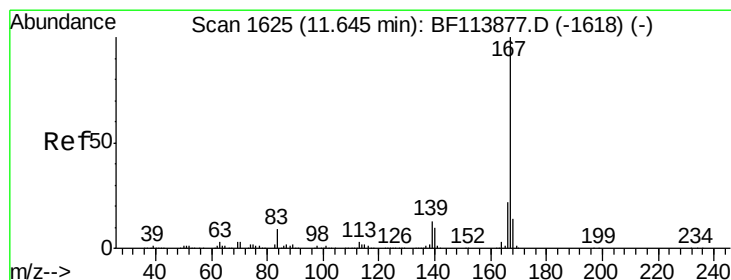
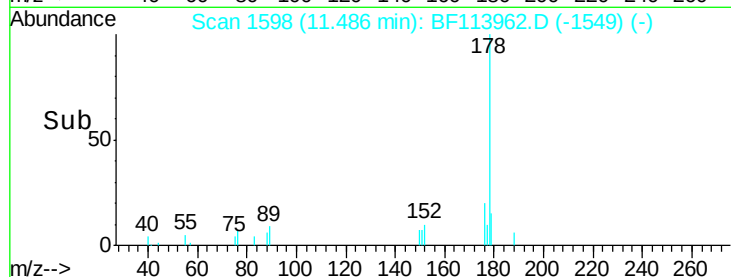
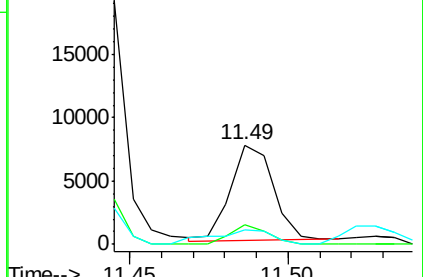
179 14.6 13.0 19.4



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: 0.222 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

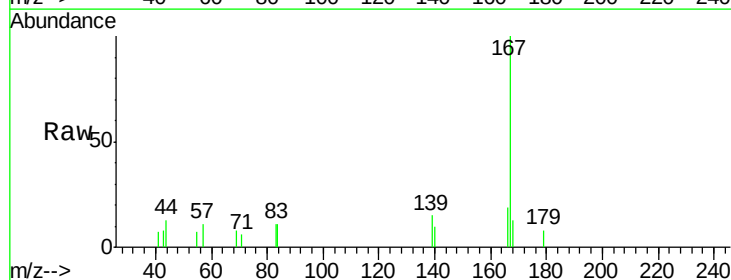
Tgt Ion:167 Resp: 4630

Ion Ratio Lower Upper

167 100

166 18.9 17.7 26.5

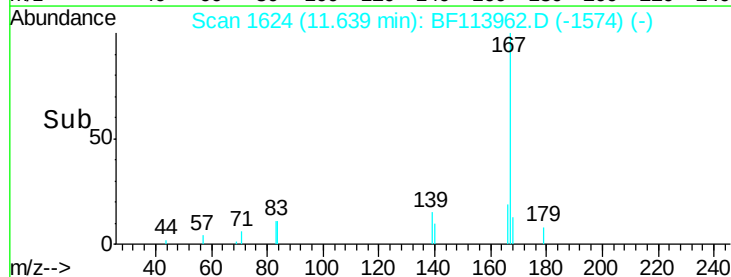
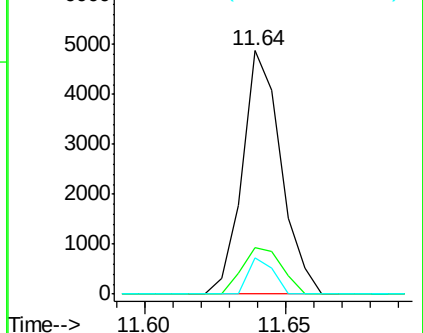
139 14.8 10.0 15.0

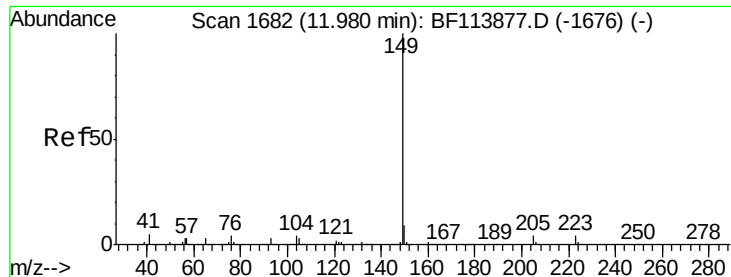


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.079 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

Instrument :

BNA_F

ClientSampleId :

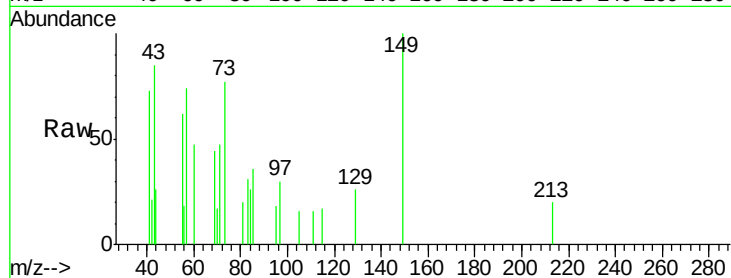
Tot Ion:149 Resp: 1940

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.8#

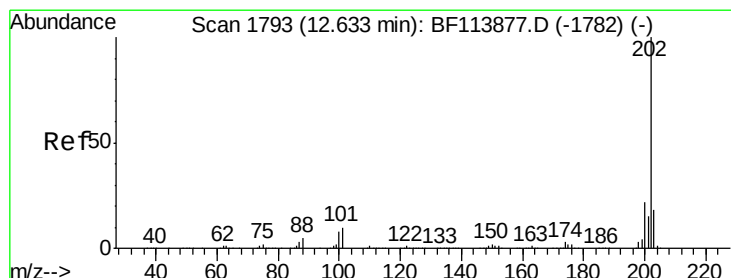
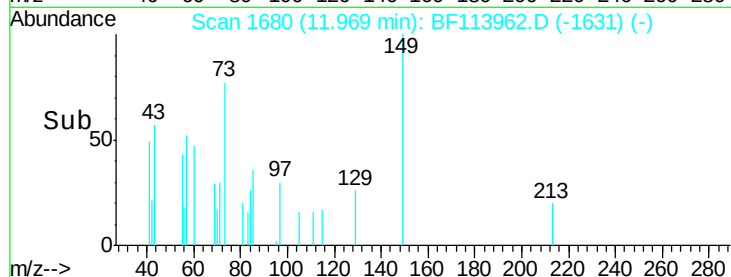
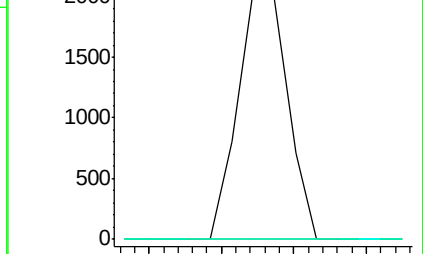
104 0.0 3.8 5.8#



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: 5.452 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

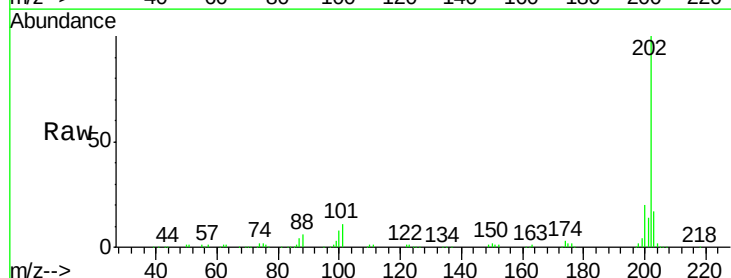
Tgt Ion:202 Resp: 137699

Ion Ratio Lower Upper

202 100

101 11.1 0.0 32.9

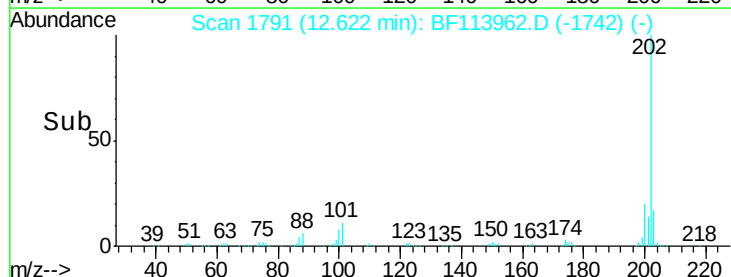
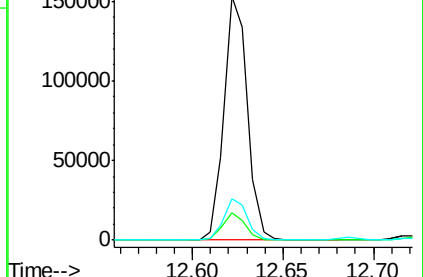
203 17.2 0.0 38.2

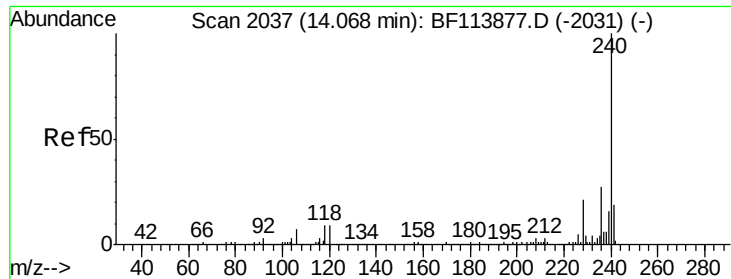


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

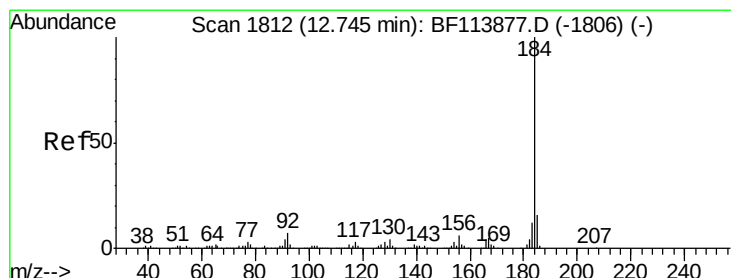
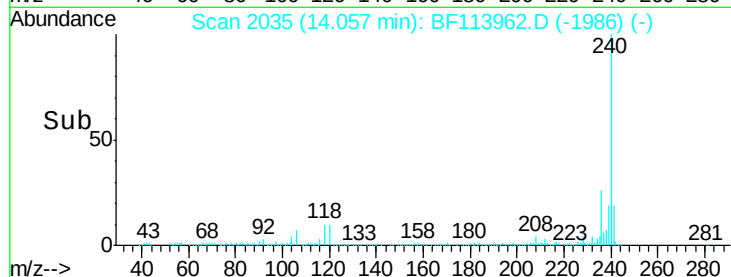
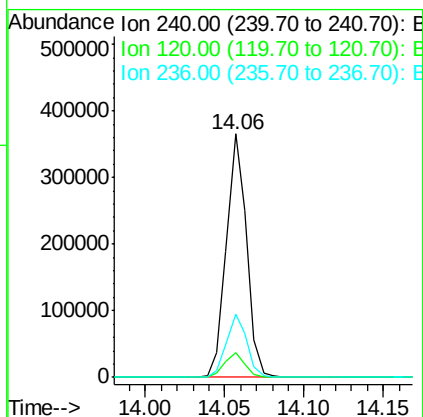
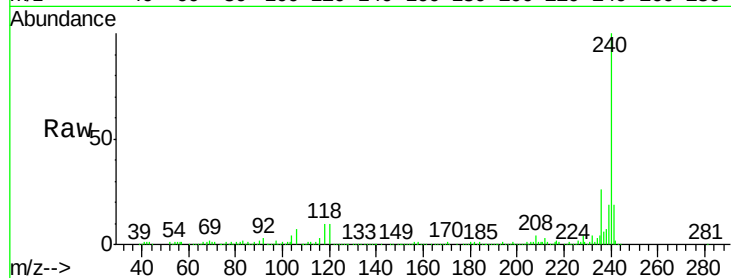




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

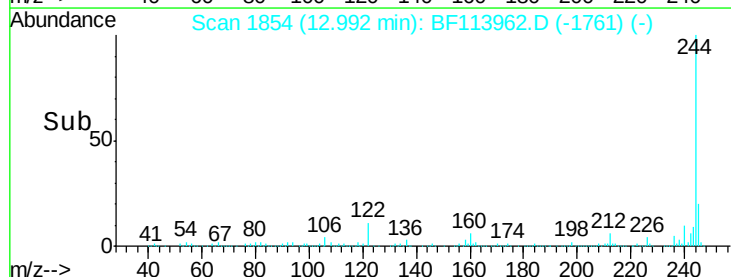
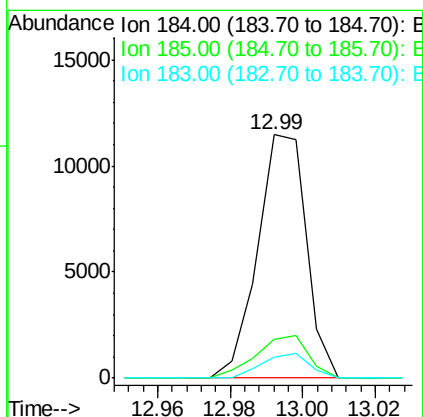
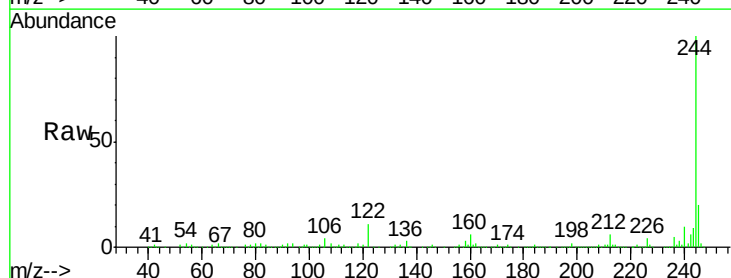
Instrument :
BNA_F
ClientSampleId :

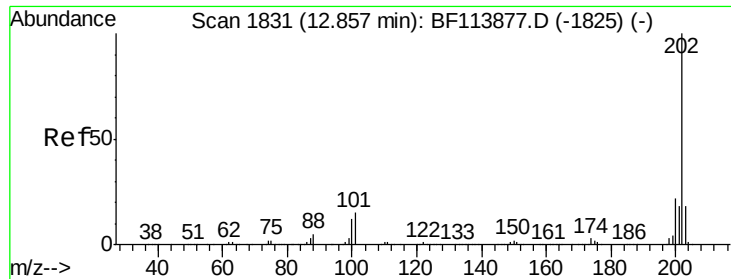
Tot Ion:240 Resp: 322594
Ion Ratio Lower Upper
240 100
120 10.3 9.3 13.9
236 25.8 21.2 31.8



#77
Benzidine
Concen: 1.109 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.25 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

Tgt Ion:184 Resp: 10657
Ion Ratio Lower Upper
184 100
185 16.2 13.0 19.6
183 8.8 9.4 14.0#

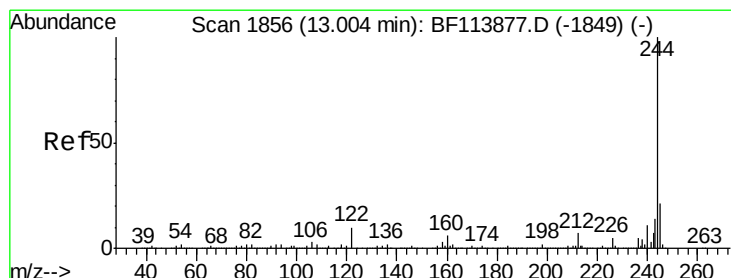
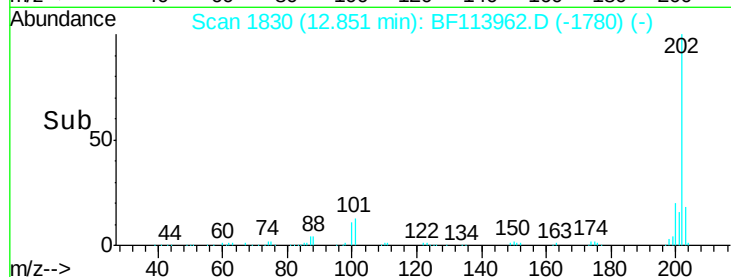
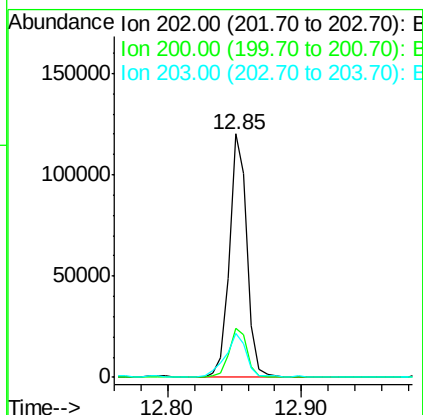
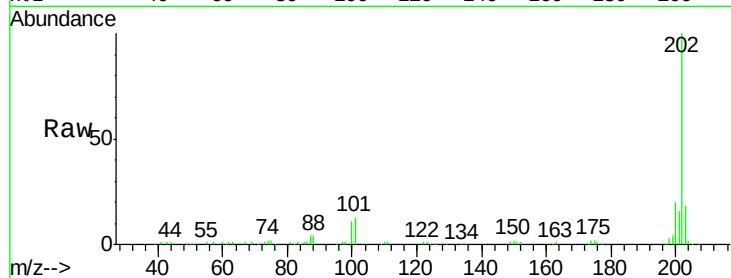




#78
Pvrene
Concen: 4.928 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

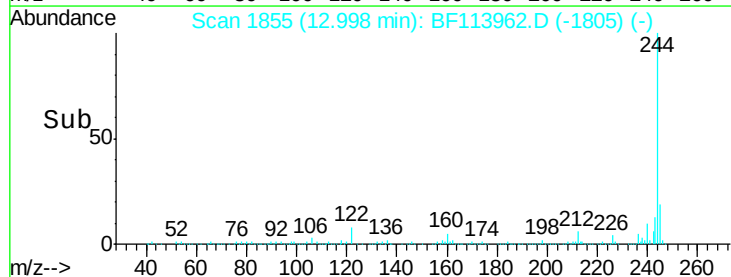
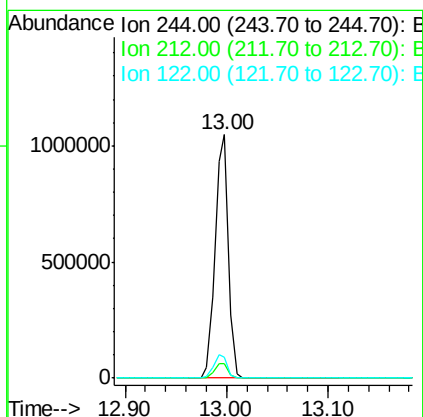
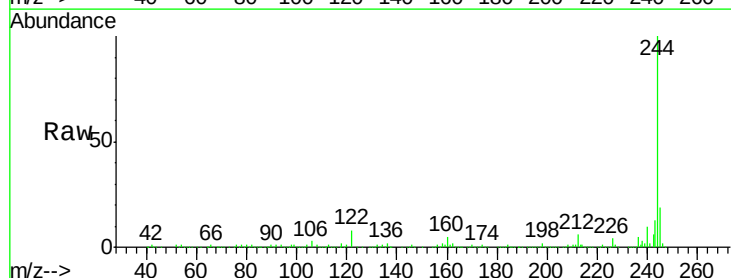
Instrument :
BNA_F
ClientSampleId :

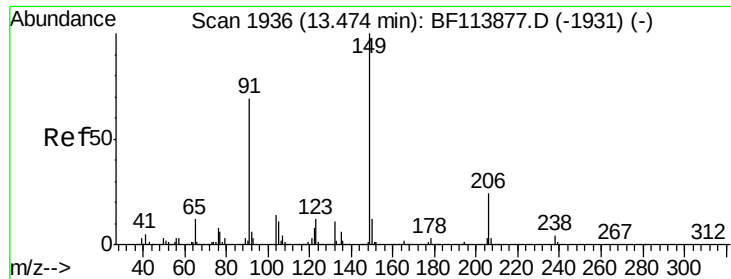
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.7	26.5
203	18.0	15.0	22.6



#79
Terphenyl-d14
Concen: 60.169 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.2
122	8.5	7.6	11.4

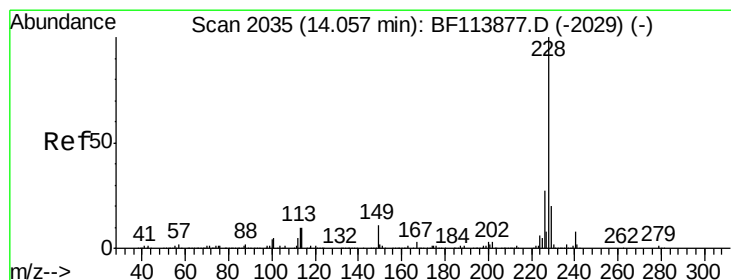
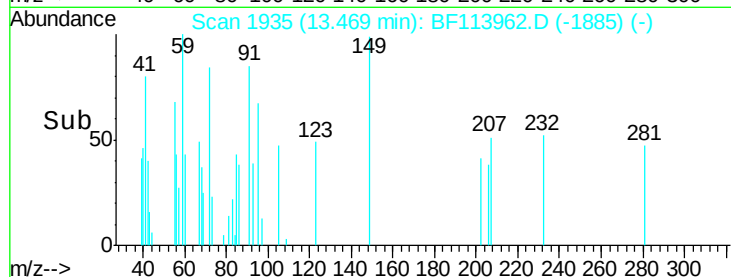
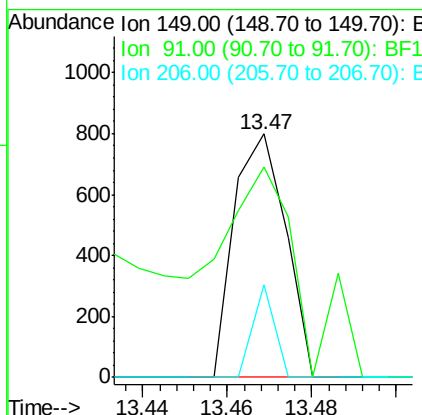
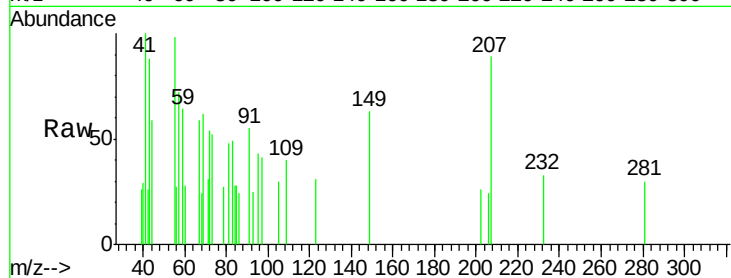




#80
Butylbenzylphthalate
Concen: 0.076 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

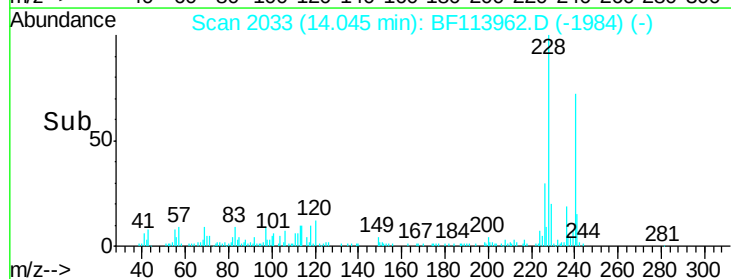
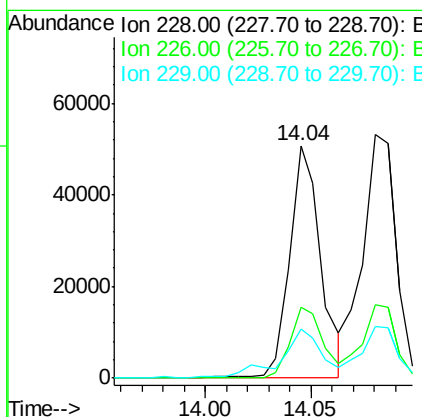
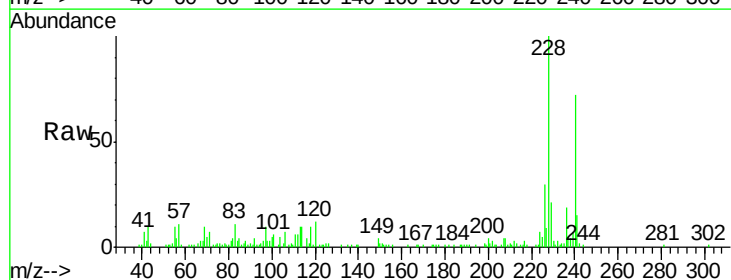
Instrument :
BNA_F
ClientSampled :

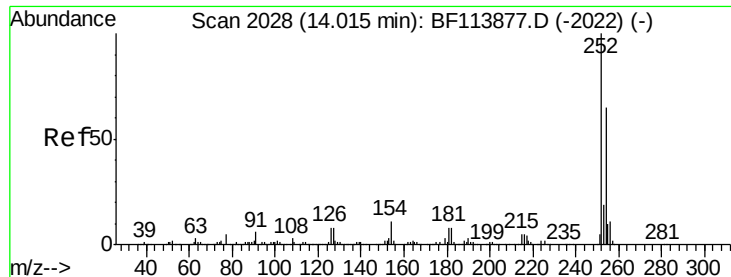
Tot Ion:149 Resp: 676
Ion Ratio Lower Upper
149 100
91 86.2 56.3 84.5#
206 38.0 19.0 28.6#



#81
Benzo(a)anthracene
Concen: 2.755 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

Tgt Ion:228 Resp: 52366
Ion Ratio Lower Upper
228 100
226 30.5 22.2 33.2
229 21.3 16.0 24.0





#82

3,3'-Dichlorobenzidine

Concen: 0.041 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.08 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

Instrument :

BNA_F

ClientSampleId :

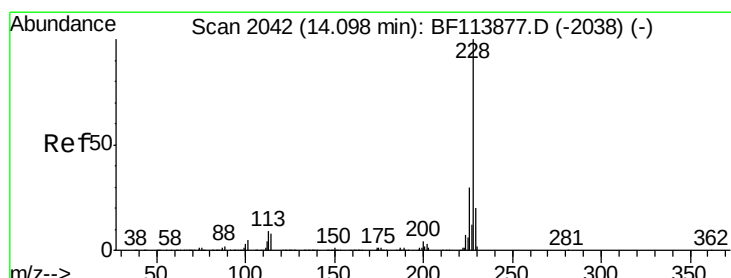
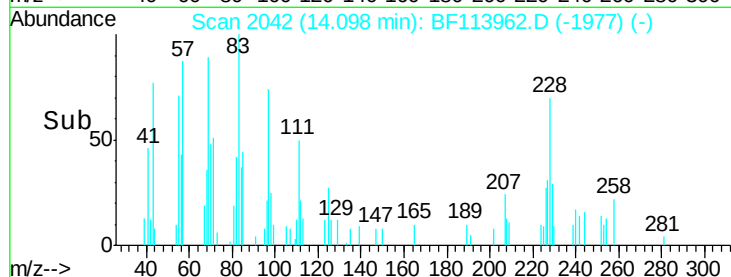
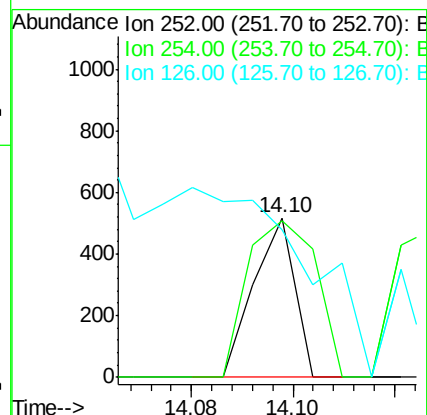
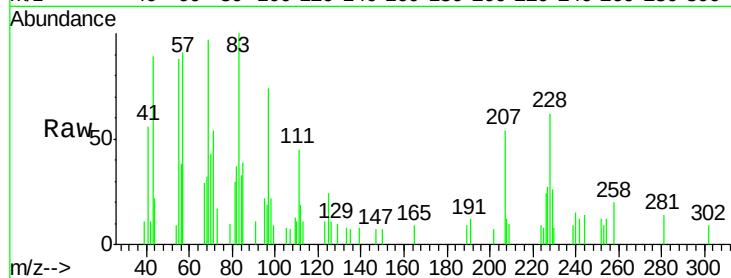
Tot Ion:252 Resp: 289

Ion Ratio Lower Upper

252 100

254 97.7 52.1 78.1#

126 92.1 9.3 13.9#



#83

Chrysene

Concen: 3.195 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.02 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

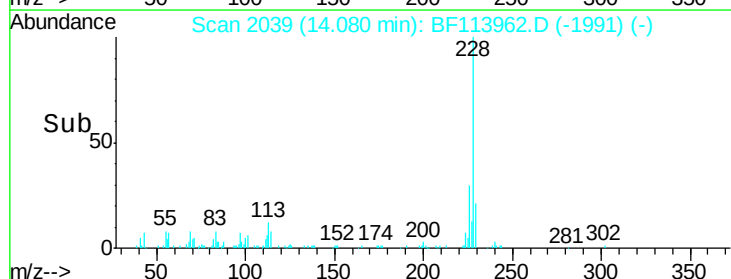
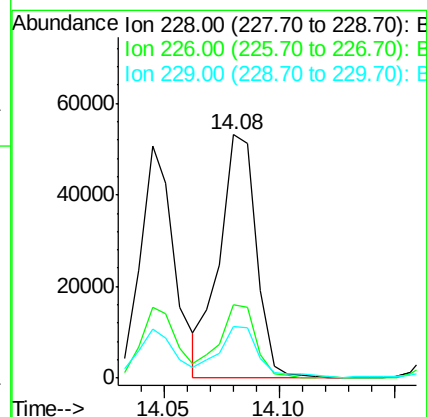
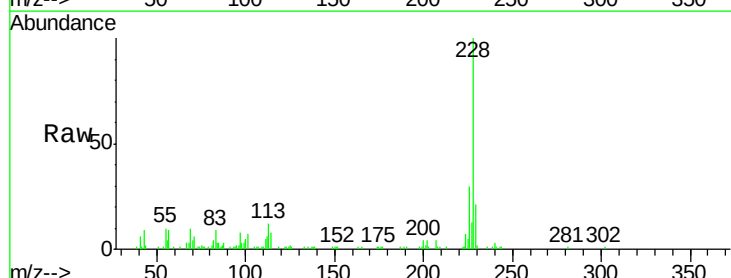
Tgt Ion:228 Resp: 59142

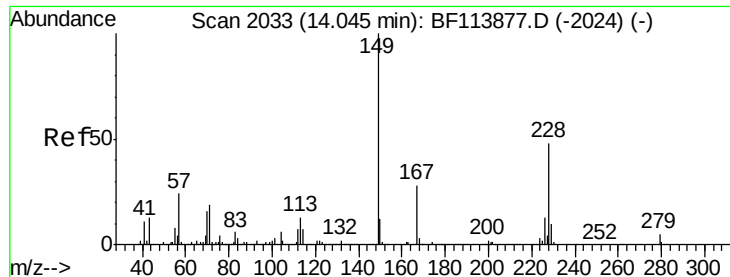
Ion Ratio Lower Upper

228 100

226 30.2 25.2 37.8

229 21.2 16.7 25.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.256 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

Instrument :

BNA_F

ClientSampleId :

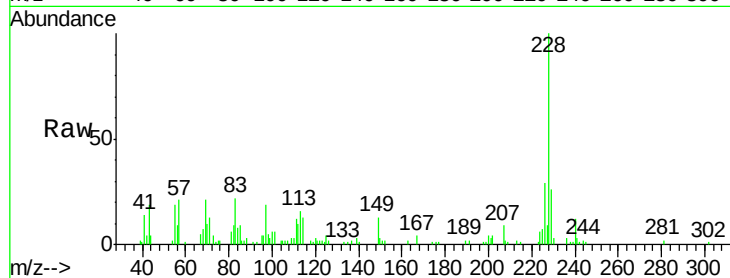
Tot Ion:149 Resp: 2891

Ion Ratio Lower Upper

149 100

167 32.5 22.9 34.3

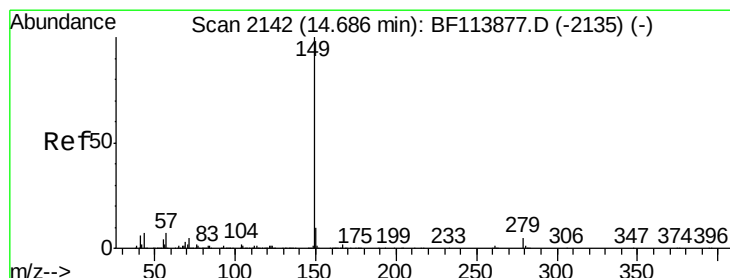
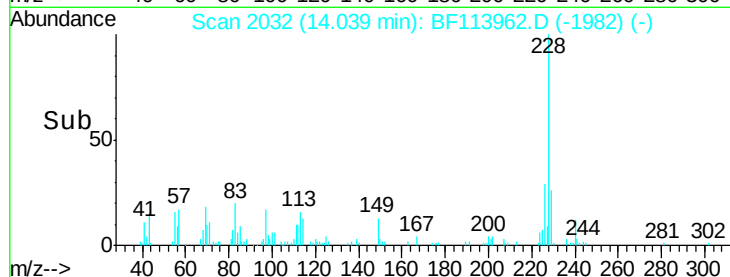
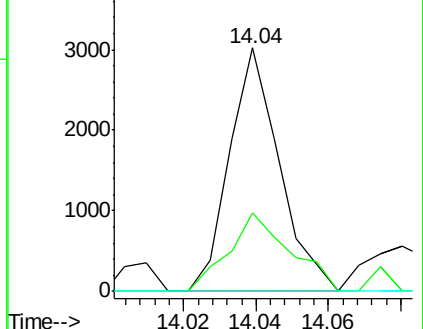
279 0.0 4.2 6.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.047 ng

RT: 14.68 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BF113962.D

Acq: 24 Apr 2019 15:36

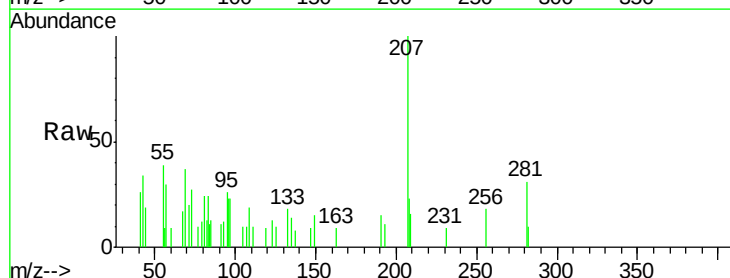
Tgt Ion:149 Resp: 839

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

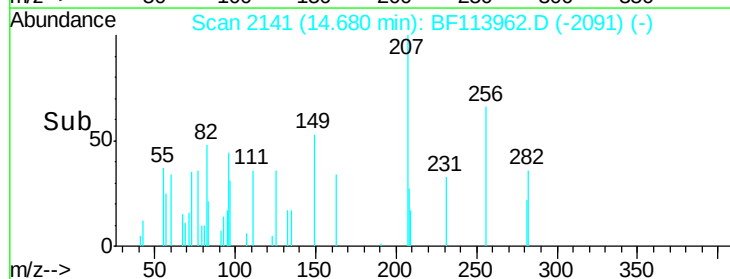
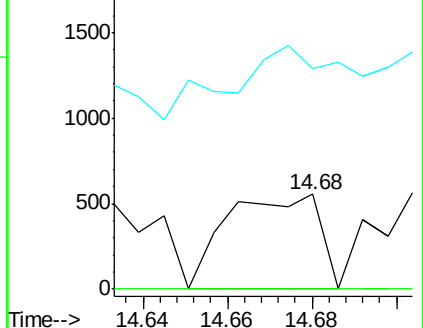
43 94.6 6.6 10.0#

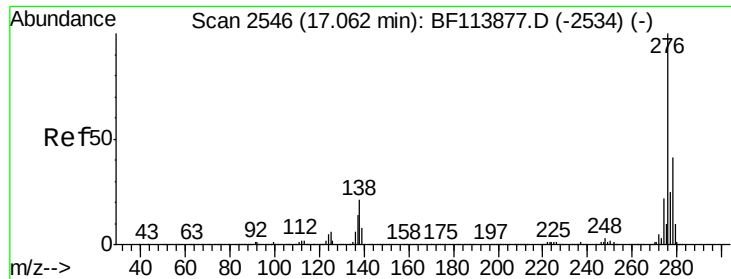


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

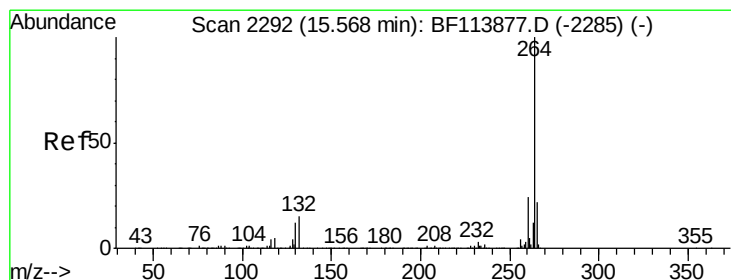
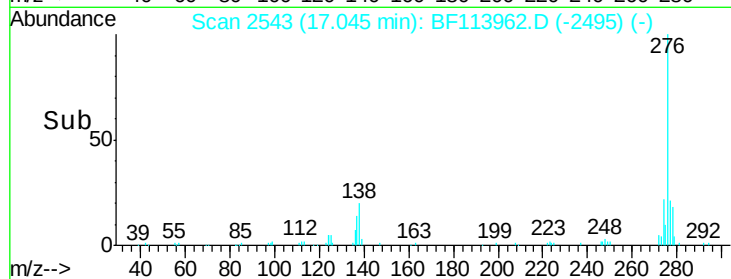
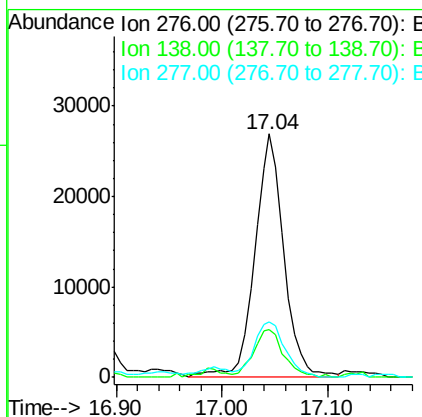
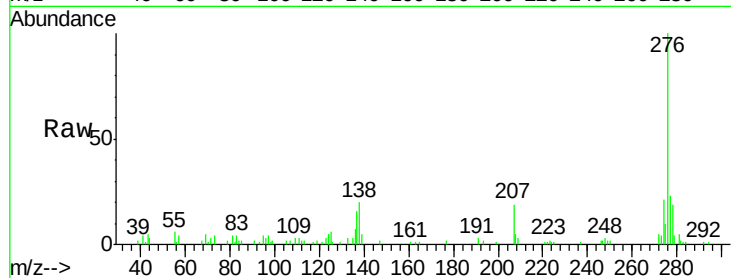




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.947 ng
 RT: 17.04 min Scan# 2543
 Delta R.T. -0.02 min
 Lab File: BF113962.D
 Acq: 24 Apr 2019 15:36

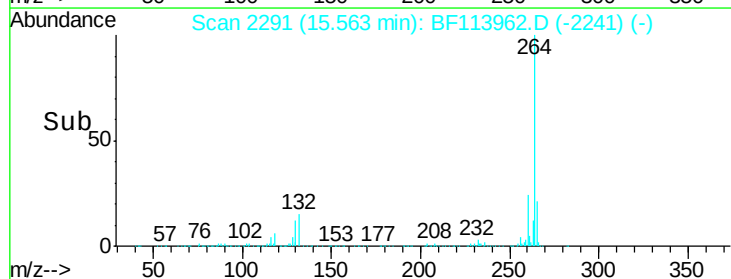
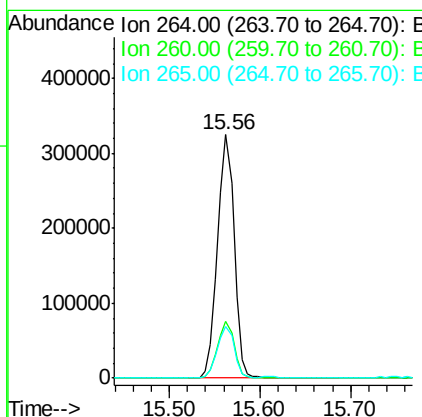
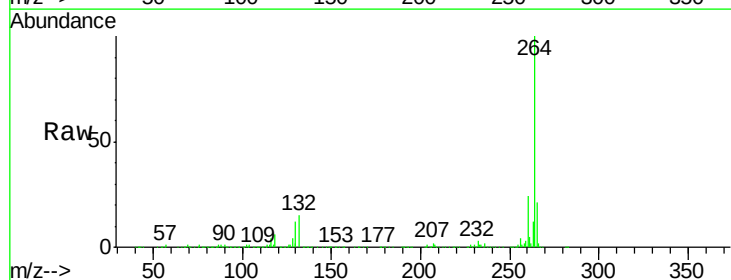
Instrument :
 BNA_F
 ClientSampleId :

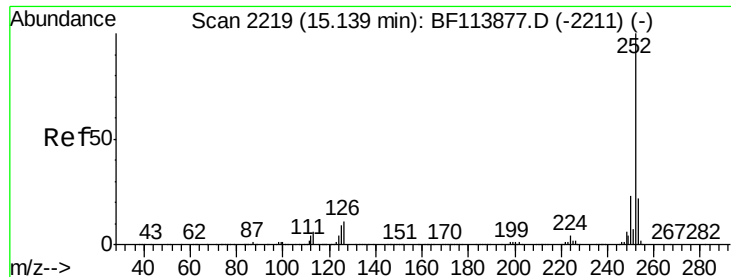
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	19.6	29.4
277	24.7	20.2	30.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF113962.D
 Acq: 24 Apr 2019 15:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.0	17.3	25.9

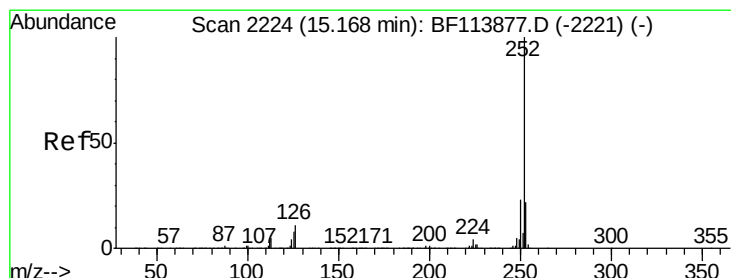
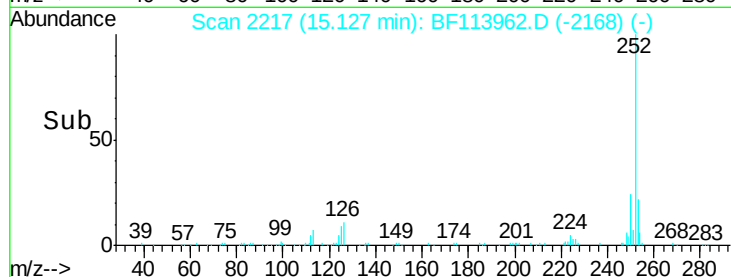
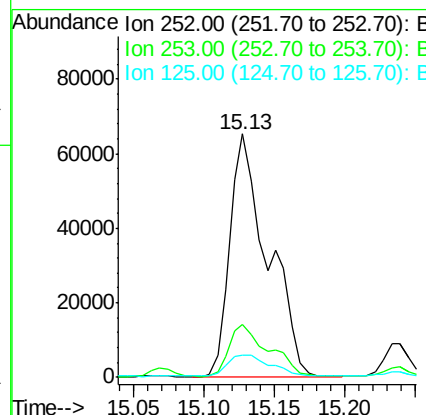
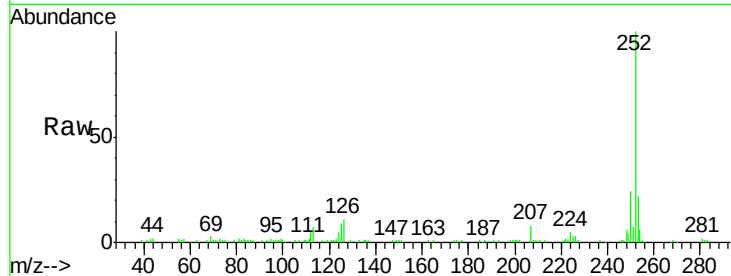




#88
Benzo(b)fluoranthene
Concen: 4.731 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

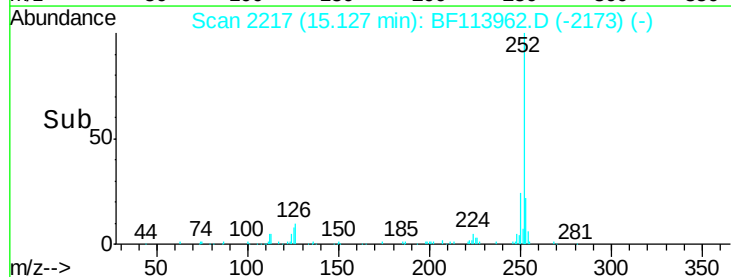
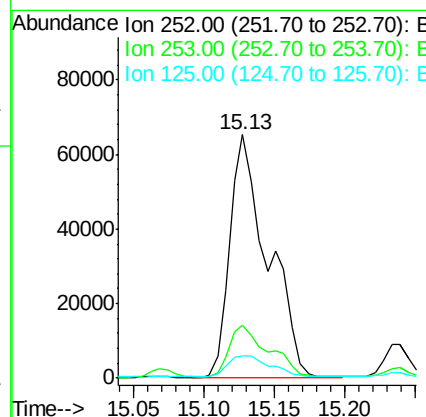
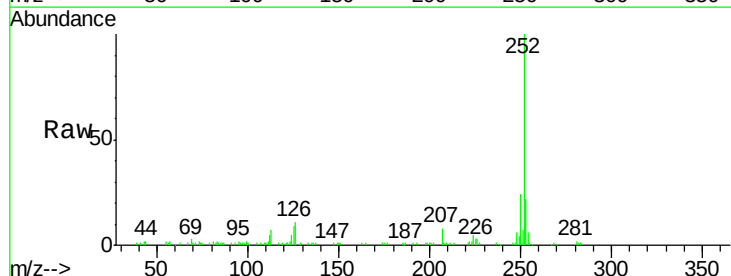
Instrument :
BNA_F
ClientSampleId :

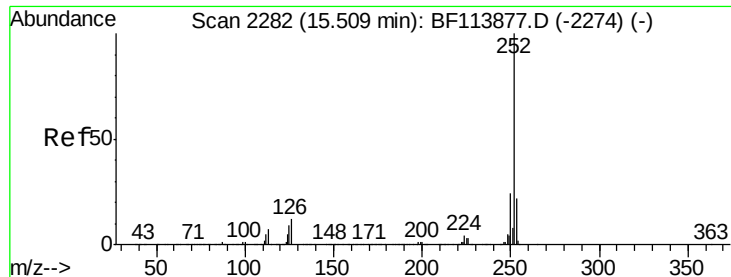
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	9.2	7.0	10.6



#89
Benzo(k)fluoranthene
Concen: 5.500 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	9.2	7.4	11.2

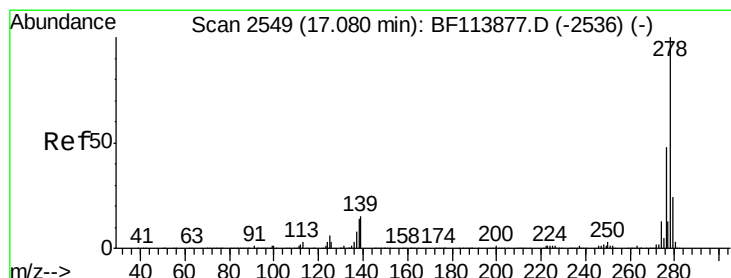
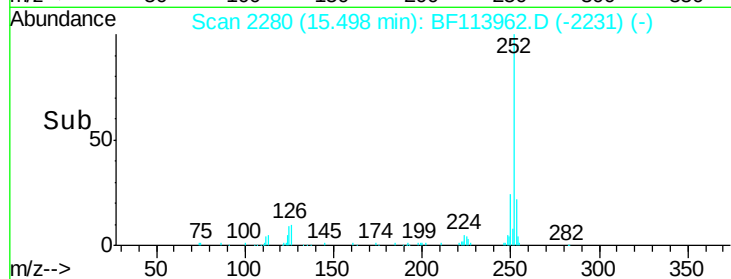
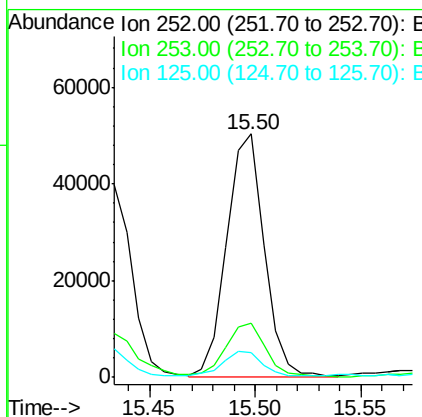
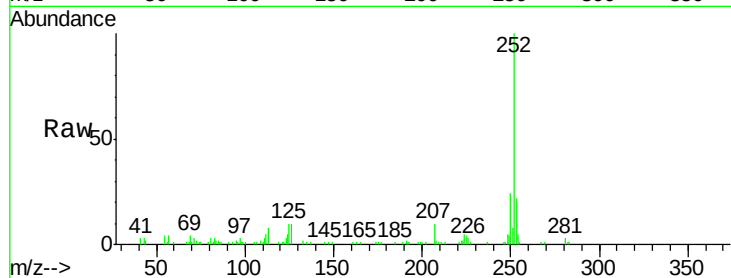




#90
Benzo(a)pyrene
Concen: 2.750 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

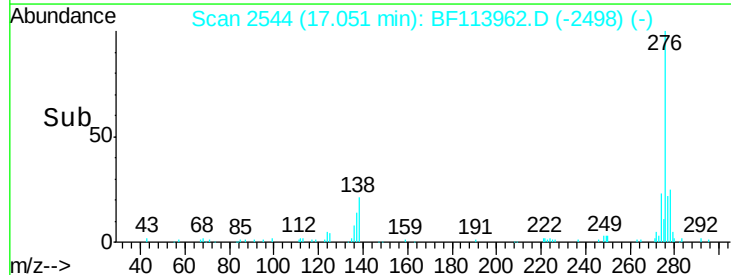
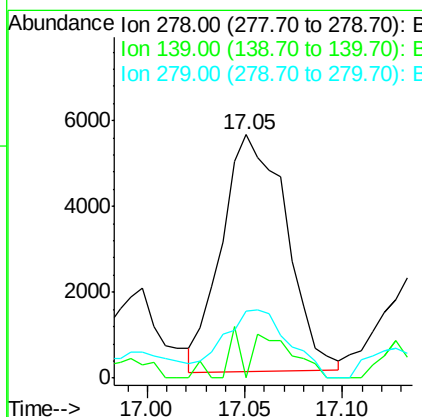
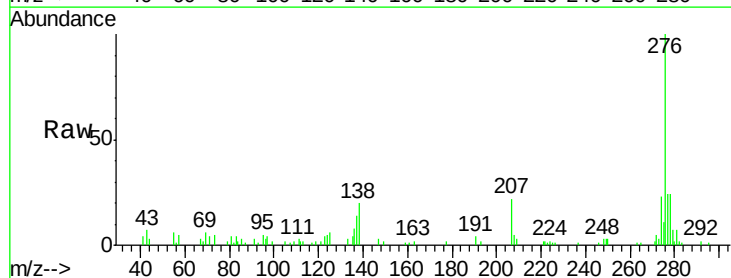
Instrument :
BNA_F
ClientSampleId :

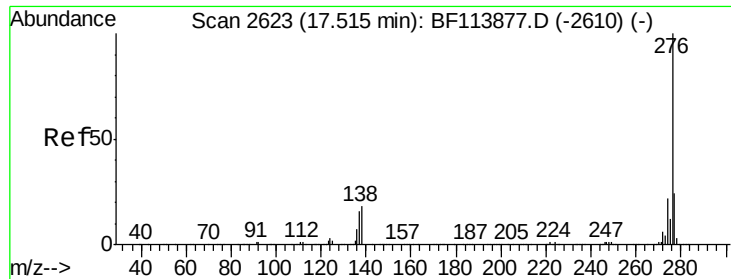
Tot Ion:252 Resp: 62279
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 10.3 8.5 12.7



#91
Dibenzo(a,h)anthracene
Concen: 0.594 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.03 min
Lab File: BF113962.D
Acq: 24 Apr 2019 15:36

Tgt Ion:278 Resp: 12620
Ion Ratio Lower Upper
278 100
139 0.0 11.6 17.4#
279 27.4 19.0 28.6

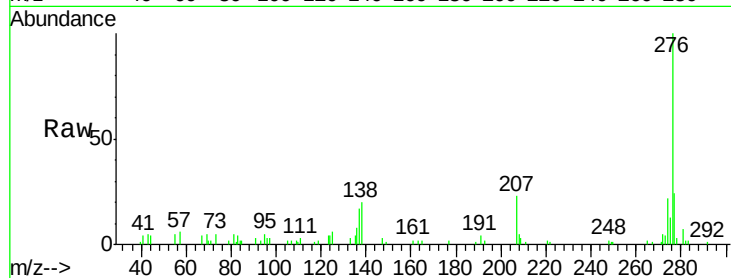




#92
 Benzo(a,h,i)perylene
 Concen: 2.282 ng
 RT: 17.49 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BF113962.D
 Acq: 24 Apr 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	20.2	16.6	25.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

