

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
 Data File : BF114648.D
 Acq On : 30 May 2019 1:50
 Operator : HP/JU
 Sample : K3065-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-14-11-12.0

Quant Time: May 30 04:26:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	380930	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	1130082	20.00	ng	0.01
39) Acenaphthene-d10	9.72	164	720678	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1398507	20.00	ng	0.00
76) Chrysene-d12	13.81	240	960666	20.00	ng	0.00
87) Perylene-d12	15.20	264	961691	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	736363	33.94	ng	0.03
7) Phenol-d6	6.34	99	3063729	117.18	ng	0.01
23) Nitrobenzene-d5	7.26	82	1733200	95.69	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	800829	116.62	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2727323	67.86	ng	0.00
79) Terphenyl-d14	12.78	244	3127947	61.22	ng	0.00

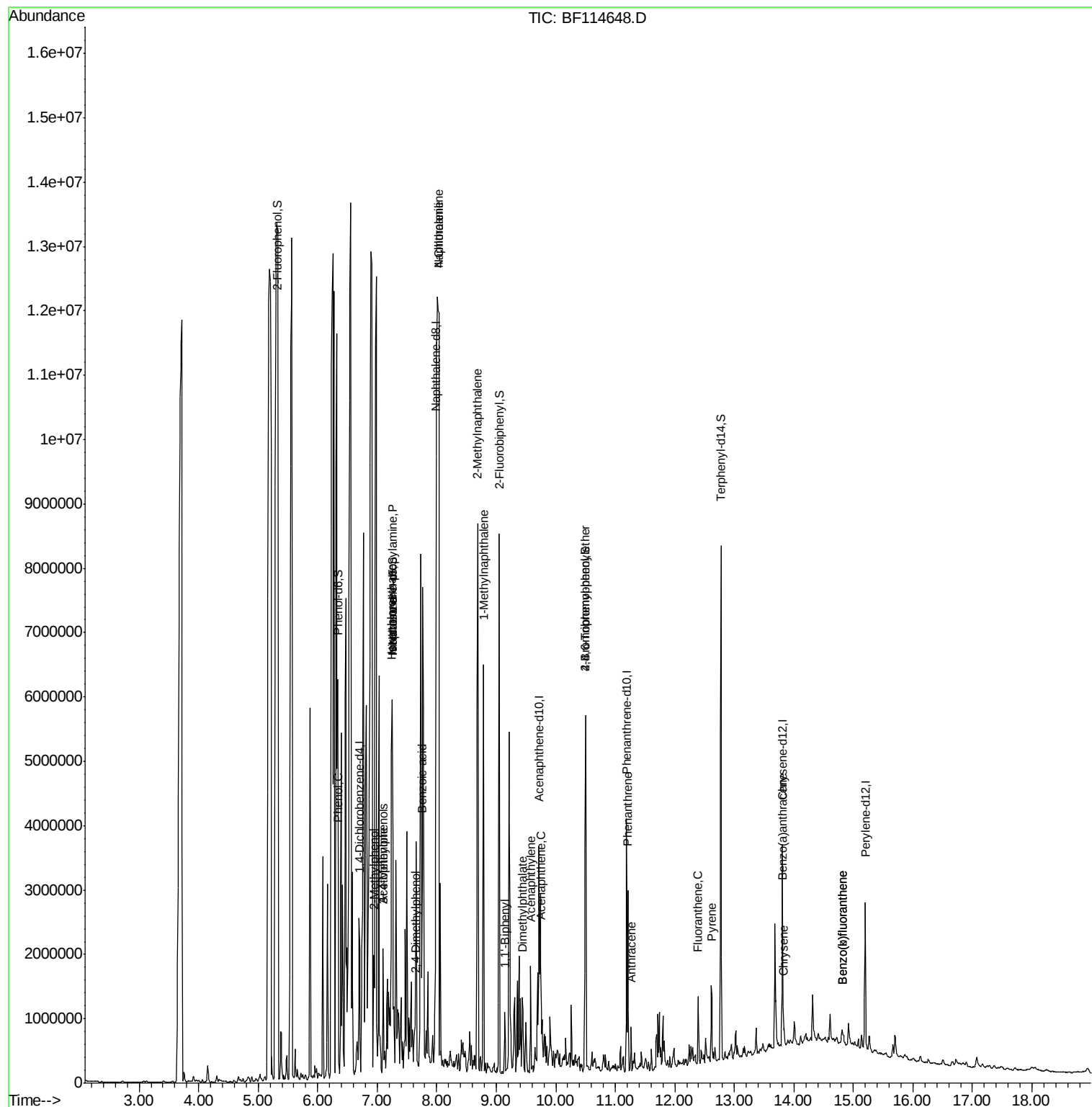
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.25	77	1258846	Below Cal		# 1
10) Phenol	6.35	94	218997	6.934	ng	92
17) 2-Methylphenol	6.95	107	110419	5.210	ng	# 89
18) Hexachloroethane	7.24	117	658051	60.689	ng	# 1
19) n-Nitroso-di-n-propylamine	7.26	70	295074	16.351	ng	# 75
20) 3+4-Methylphenols	7.10	107	209535	8.407	ng	# 79
22) Acetophenone	7.10	105	256185	10.640	ng	# 79
25) Isophorone	7.26	82	1425717	39.220	ng	# 63
27) 2,4-Dimethylphenol	7.63	122	97197	6.240	ng	85
31) Naphthalene	8.03	128	13764759	264.435	ng	# 93
32) Benzoic acid	7.75	122	59129	5.844	ng	# 52
33) 4-Chloroaniline	8.03	127	2448451	98.728	ng	# 38
37) 2-Methylnaphthalene	8.69	142	2800932	80.986	ng	98
38) 1-Methylnaphthalene	8.79	142	1764719	53.855	ng	100
46) 1,1'-Biphenyl	9.15	154	189504	3.542	ng	96
49) Acenaphthylene	9.57	152	297814	4.393	ng	96
50) Dimethylphthalate	9.44	163	272125	5.419	ng	98
52) Acenaphthene	9.75	154	179195	4.310	ng	98
61) 4-Chlorophenyl-phenylether	10.09	204	606	Below Cal		# 1
67) 4-Bromophenyl-phenylether	10.50	248	52155	3.478	ng	# 1
69) Atrazine	10.99	200	224	Below Cal		# 1
71) Phenanthrene	11.22	178	936668	13.130	ng	96
72) Anthracene	11.26	178	217312	3.010	ng	96
74) Di-n-butylphthalate	11.76	149	5039	Below Cal		# 1
75) Fluoranthene	12.39	202	374798	5.074	ng	97
78) Pyrene	12.62	202	457346	5.628	ng	98
81) Benzo(a)anthracene	13.80	228	161530	2.188	ng	95
83) Chrysene	13.83	228	144990	2.056	ng	96
88) Benzo(b)fluoranthene	14.81	252	151461	2.501	ng	# 94
89) Benzo(k)fluoranthene	14.81	252	151461	2.877	ng	# 94

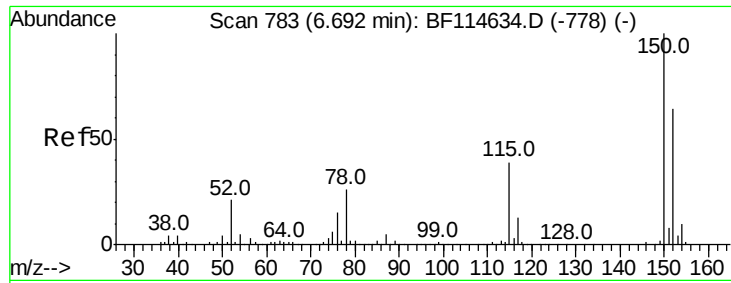
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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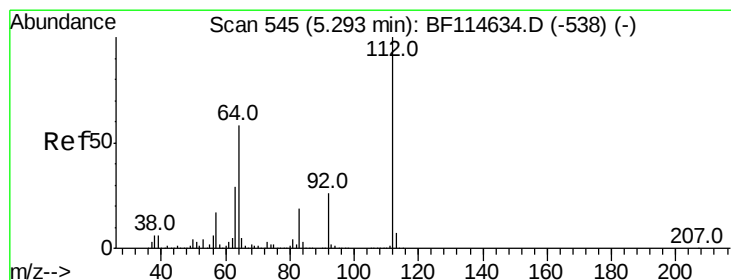
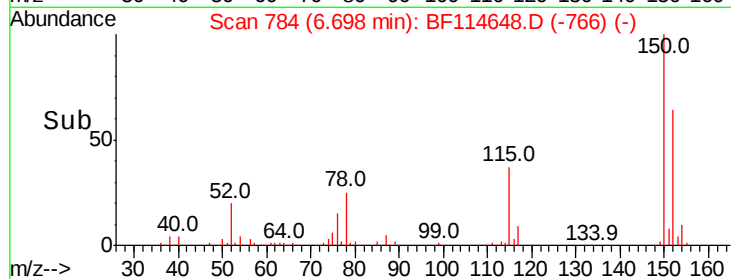
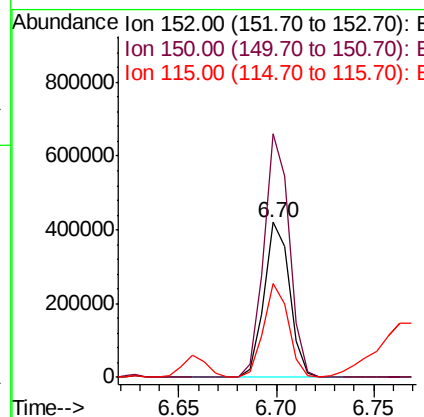
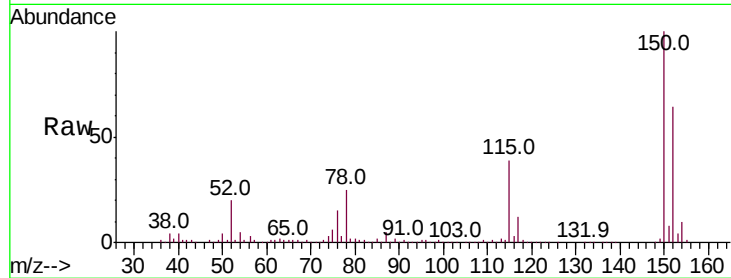




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF114648.D
 Acq: 30 May 2019 1:50

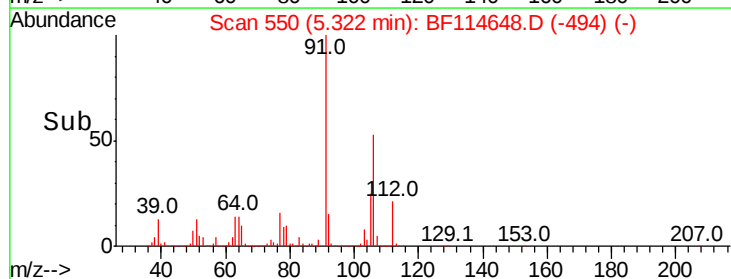
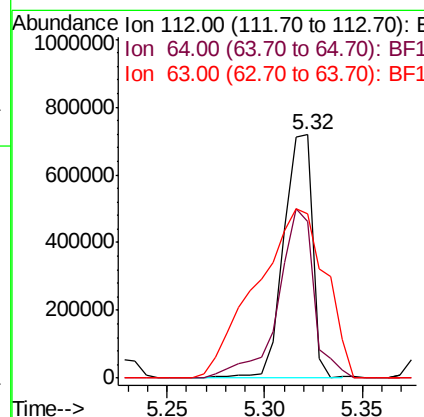
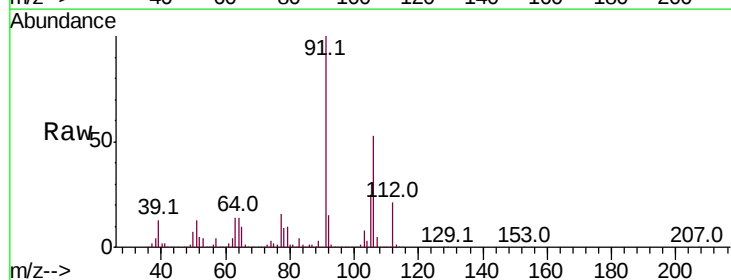
Instrument :
 BNA_F
 ClientSampleId :
 B-14-11-12.0

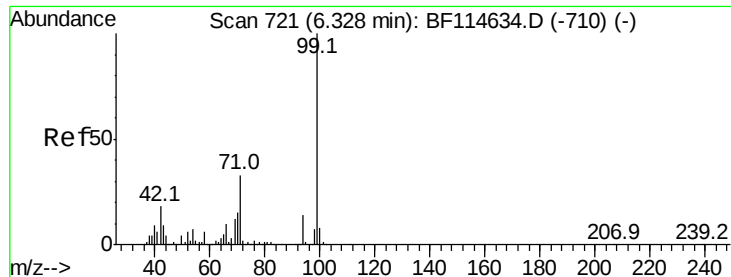
Tot Ion:152 Resp: 380930
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.4 186.6
 115 60.8 48.7 73.1



#5
 2-Fluorophenol
 Concen: 33.939 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.03 min
 Lab File: BF114648.D
 Acq: 30 May 2019 1:50

Tgt Ion:112 Resp: 736363
 Ion Ratio Lower Upper
 112 100
 64 64.1 46.1 69.1
 63 67.5 23.4 35.2#





#7

Phenol-d6

Concen: 117.181 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114648.D

Acq: 30 May 2019 1:50

Instrument :

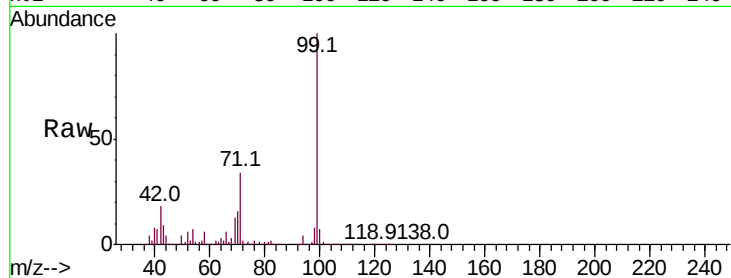
BNA_F

ClientSampleId :

B-14-11-12.0

Tot Ion: 99 Resp: 3063729

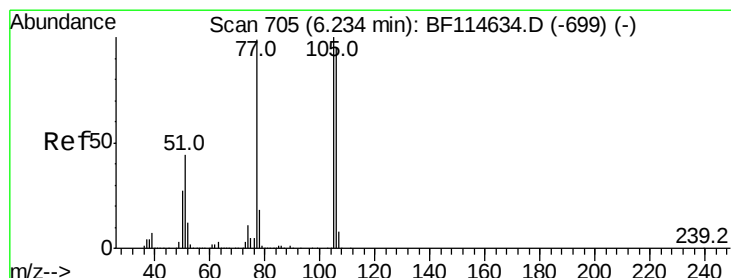
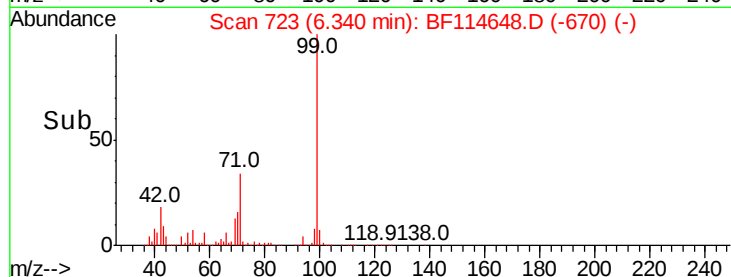
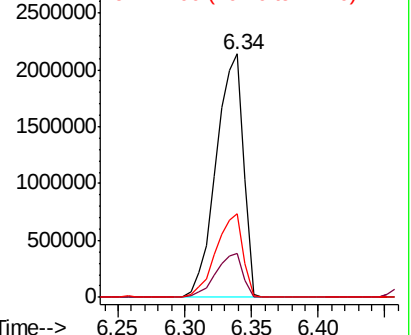
Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.7	22.1
71	34.5	26.6	40.0



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.25 min Scan# 708

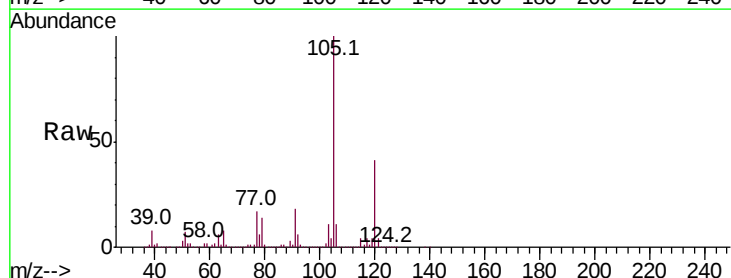
Delta R.T. 0.02 min

Lab File: BF114648.D

Acq: 30 May 2019 1:50

Tgt Ion: 77 Resp: 1258846

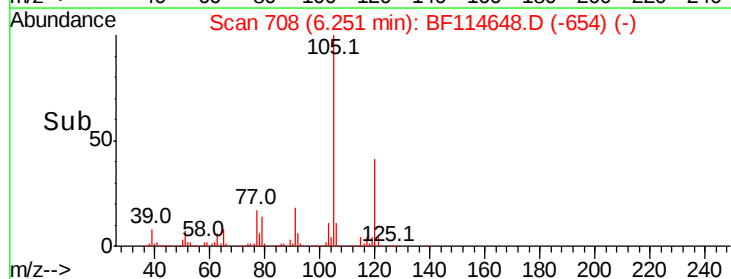
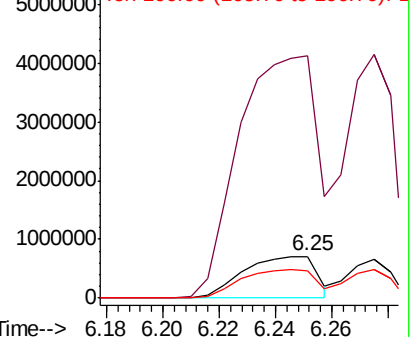
Ion	Ratio	Lower	Upper
77	100		
105	582.0	80.8	120.8#
106	64.3	76.2	116.2#

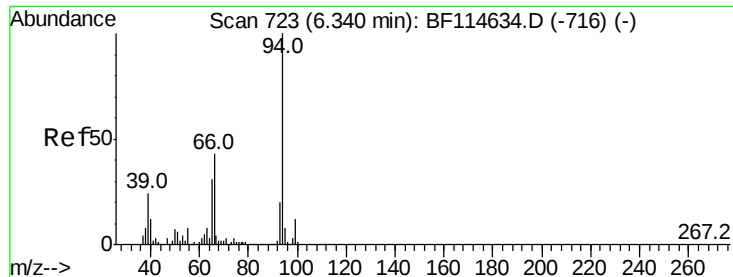


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 6.934 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF114648.D

Acq: 30 May 2019 1:50

Instrument :

BNA_F

ClientSampled :

B-14-11-12.0

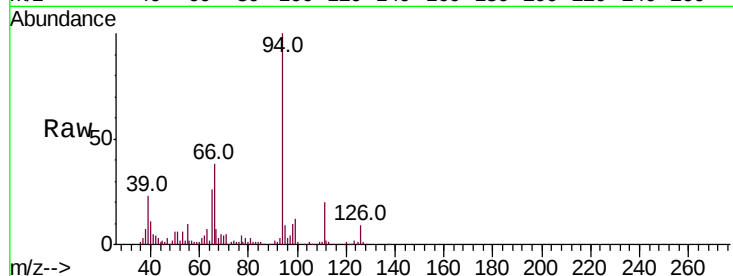
Tot Ion: 94 Resp: 218997

Ion Ratio Lower Upper

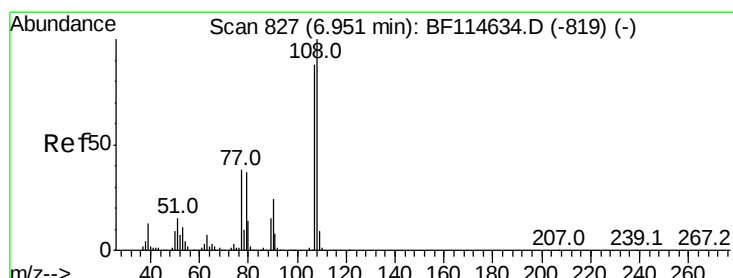
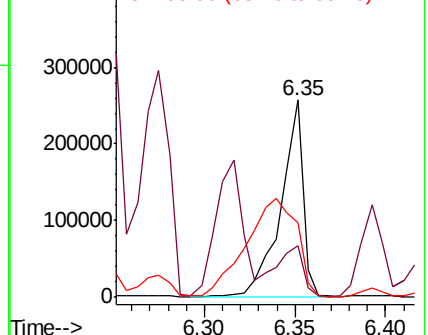
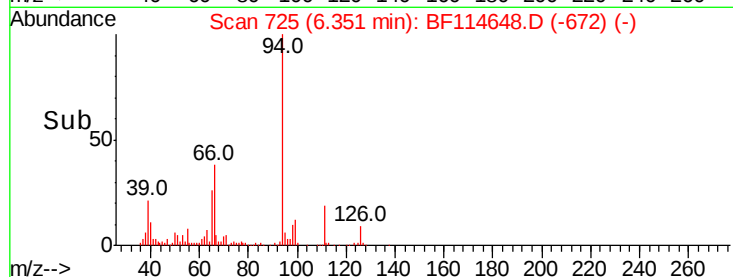
94 100

65 26.4 11.0 51.0

66 37.9 23.0 63.0



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



#17

2-Methylphenol

Concen: 5.210 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF114648.D

Acq: 30 May 2019 1:50

Tgt Ion:107 Resp: 110419

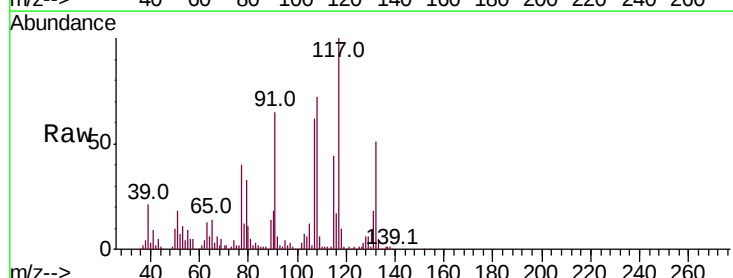
Ion Ratio Lower Upper

107 100

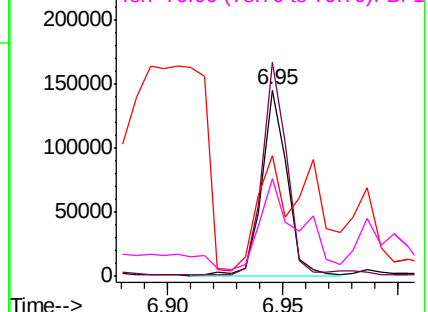
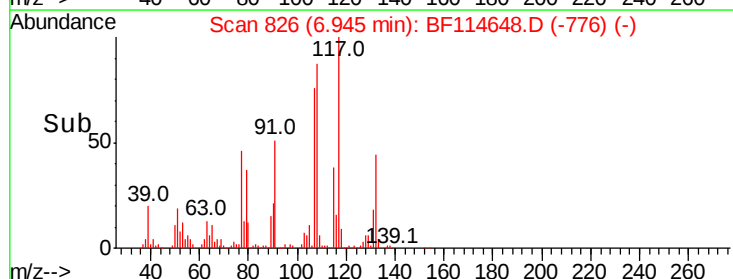
108 114.7 91.1 136.7

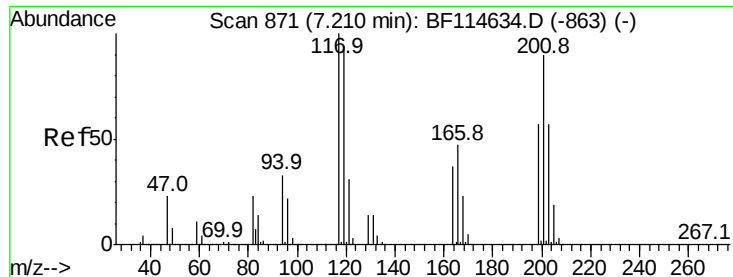
77 64.7 34.9 52.3#

79 52.1 33.8 50.6#



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: 60.689 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.03 min

Lab File: BF114648.D

Acq: 30 May 2019 1:50

Instrument :

BNA_F

ClientSampleId :

B-14-11-12.0

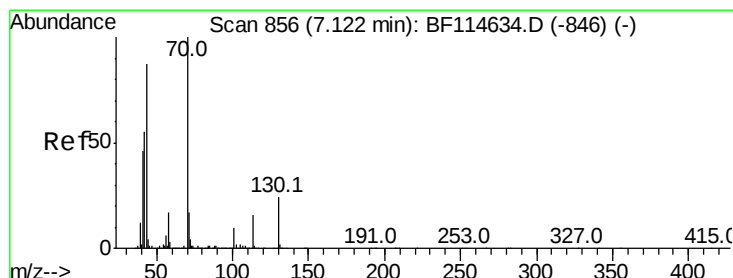
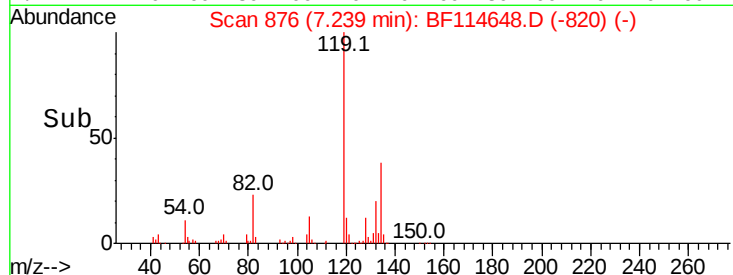
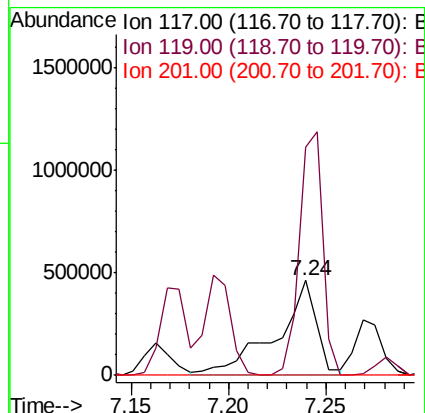
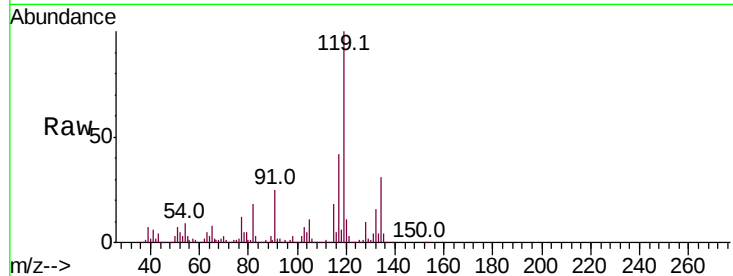
Tot Ion:117 Resp: 658051

Ion Ratio Lower Upper

117 100

119 240.1 75.6 113.4#

201 0.0 71.7 107.5#



#19

n-Nitroso-di-n-propylamine

Concen: 16.351 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF114648.D

Acq: 30 May 2019 1:50

Tgt Ion: 70 Resp: 295074

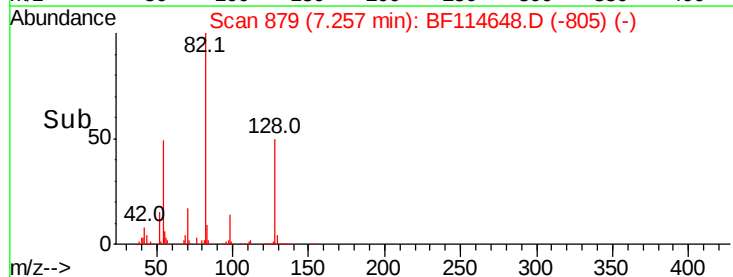
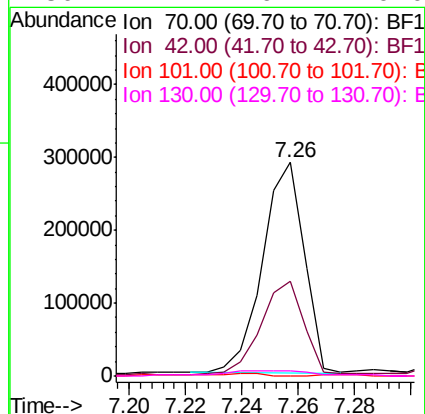
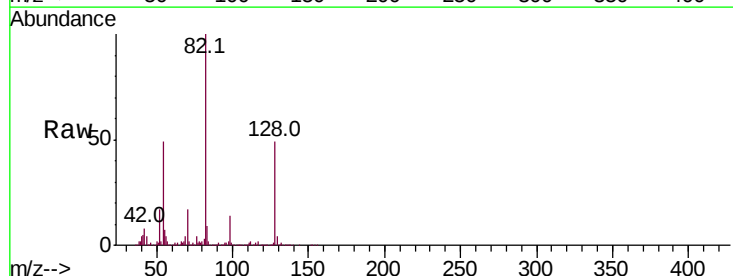
Ion Ratio Lower Upper

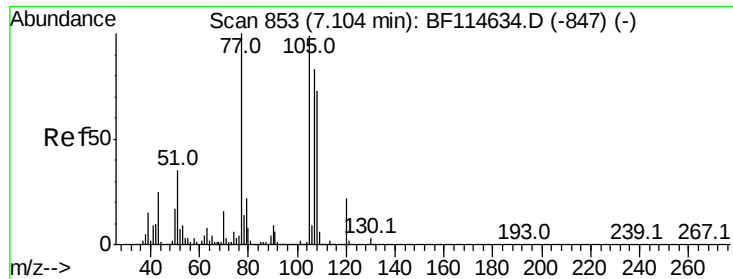
70 100

42 44.1 44.4 66.6#

101 0.1 8.2 12.4#

130 2.4 19.4 29.0#

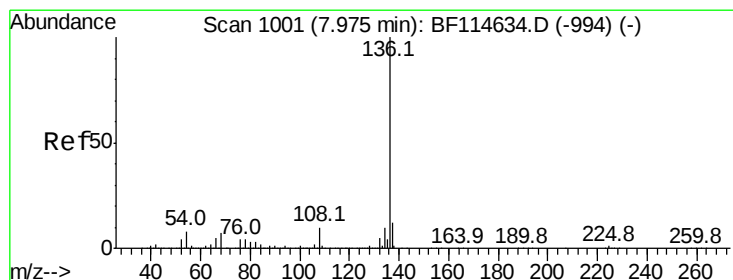
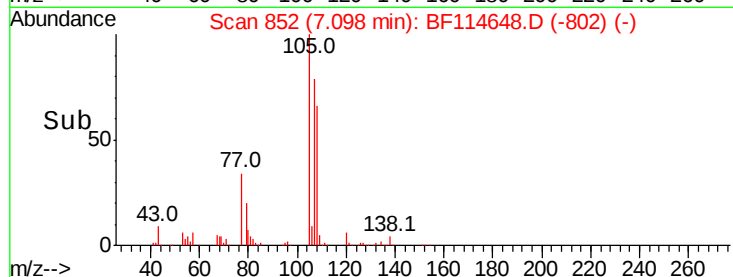
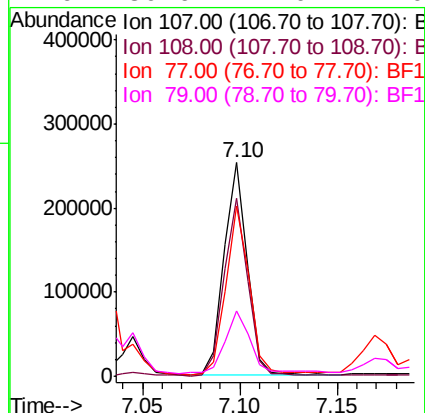
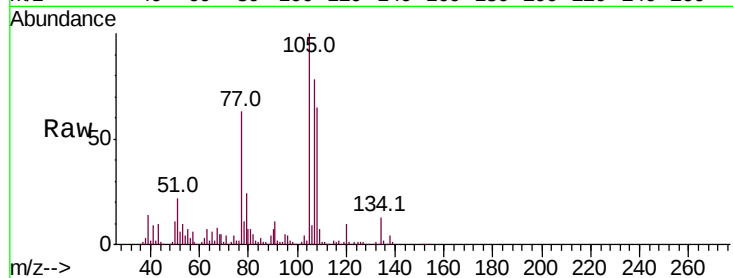




#20
3+4-Methylphenols
Concen: 8.407 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF114648.D
Acq: 30 May 2019 1:50

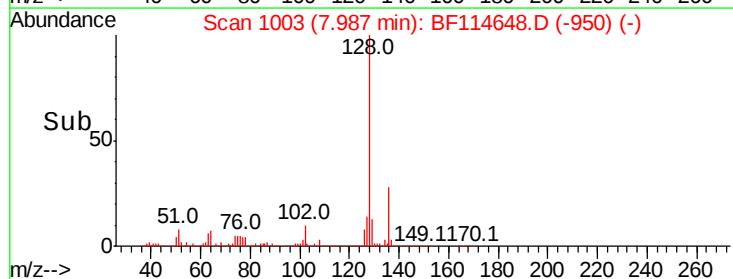
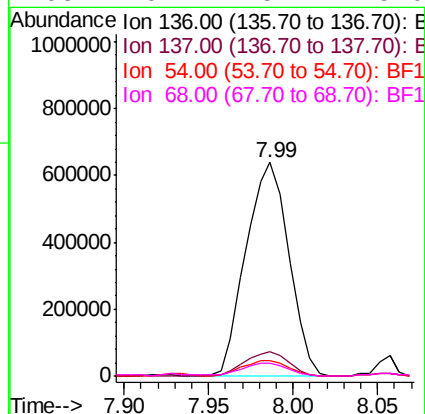
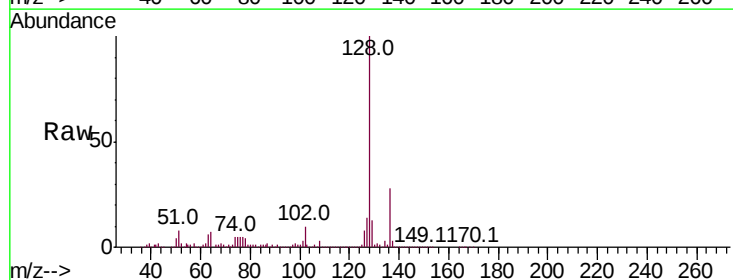
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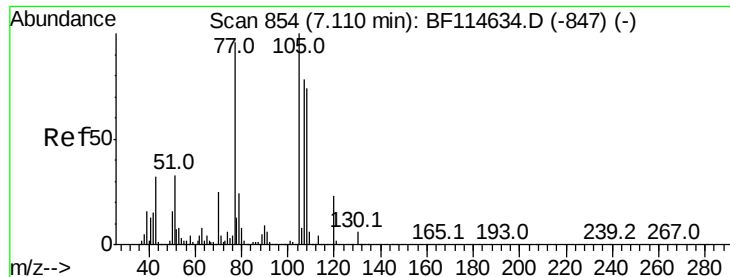
Tot Ion:	107	Resp:	209535
Ion	Ratio	Lower	Upper
107	100		
108	83.5	68.6	108.6
77	80.0	100.5	140.5#
79	30.6	7.0	47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF114648.D
Acq: 30 May 2019 1:50

Tgt Ion:	136	Resp:	1130082
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	7.3	6.3	9.5
68	6.1	5.4	8.0





#22

Acetophenone

Concen: 10.640 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF114648.D

Acq: 30 May 2019 1:50

Instrument :

BNA_F

ClientSampleId :

B-14-11-12.0

Tot Ion:105 Resp: 256185

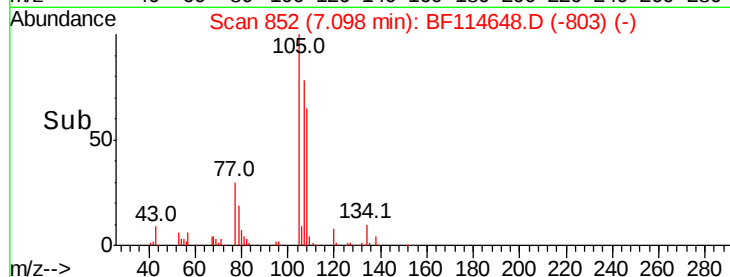
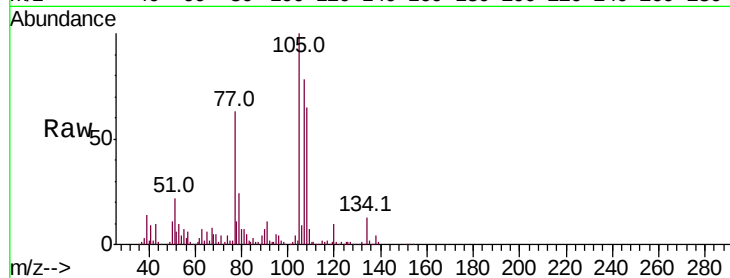
Ion Ratio Lower Upper

105 100

71 3.8 3.6 5.4

51 21.8 26.0 39.0#

120 10.4 18.8 28.2#

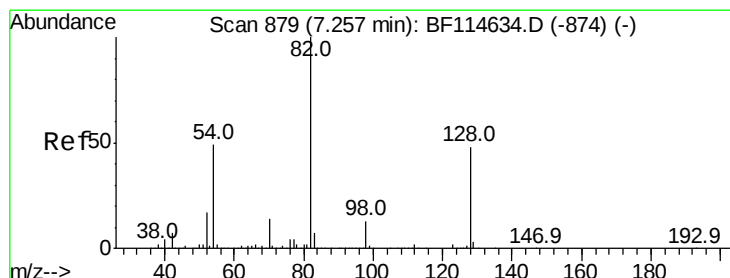
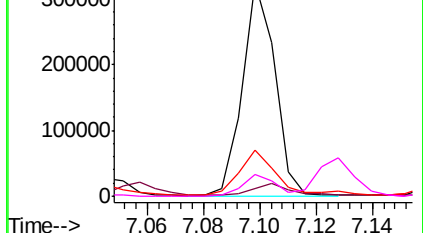


Abundance Ion 105.00 (104.70 to 105.70): E

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: 95.686 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF114648.D

Acq: 30 May 2019 1:50

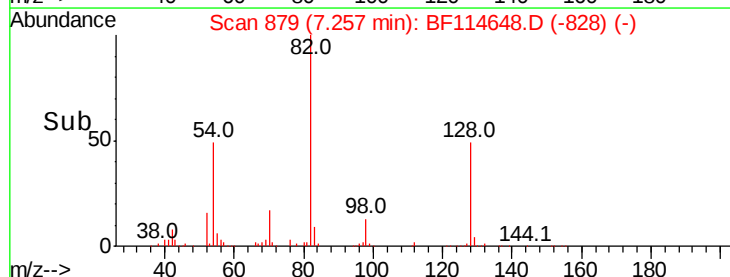
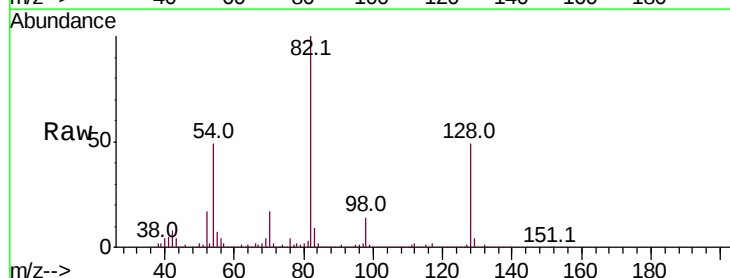
Tgt Ion: 82 Resp: 1733200

Ion Ratio Lower Upper

82 100

128 49.5 38.5 57.7

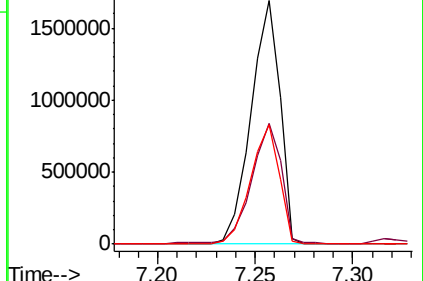
54 49.1 39.1 58.7

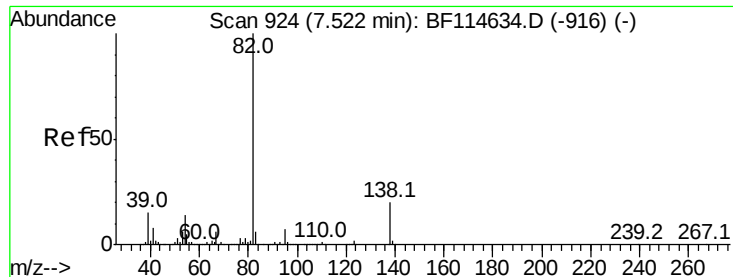


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.220 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF114648.D

Acq: 30 May 2019 1:50

Instrument :

BNA_F

ClientSampleId :

B-14-11-12.0

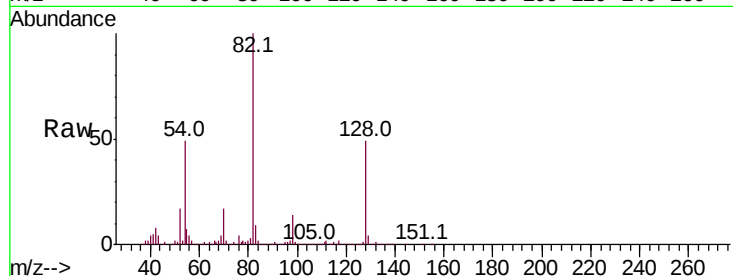
Tot Ion: 82 Resp: 1425717

Ion Ratio Lower Upper

82 100

95 0.7 5.6 8.4#

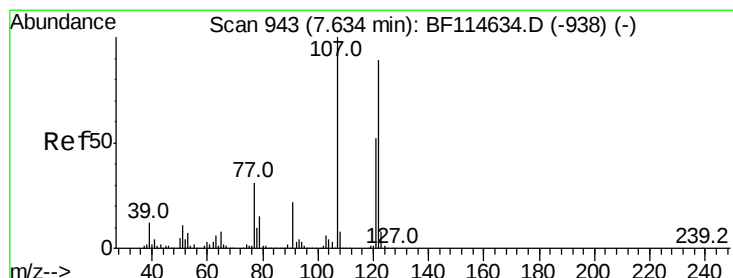
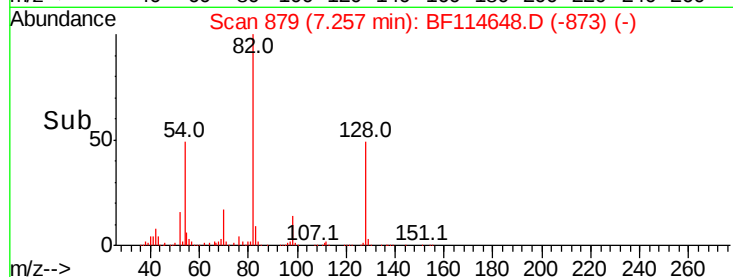
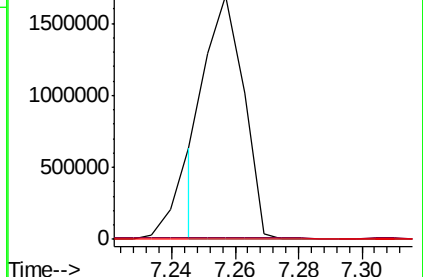
138 0.0 15.9 23.9#



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: 6.240 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF114648.D

Acq: 30 May 2019 1:50

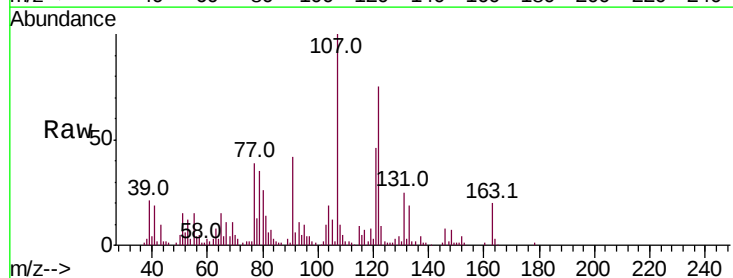
Tgt Ion:122 Resp: 97197

Ion Ratio Lower Upper

122 100

107 133.9 89.3 133.9

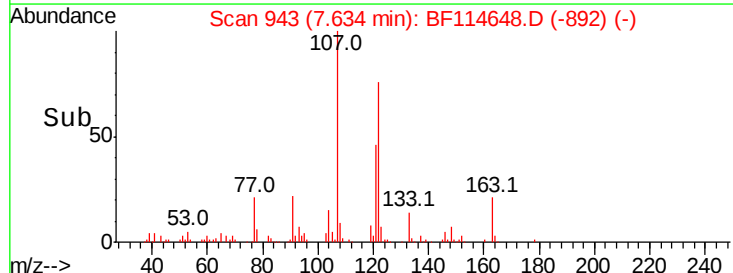
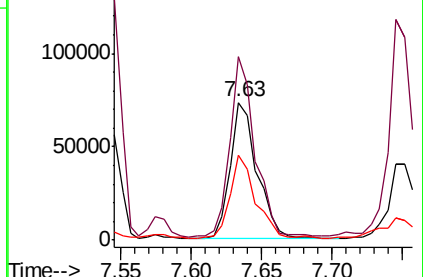
121 61.6 46.8 70.2

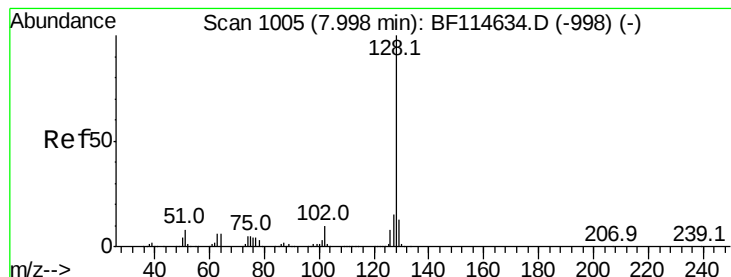


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#31

Naphthalene

Concen: 264.435 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.04 min

Lab File: BF114648.D

Acq: 30 May 2019 1:50

Instrument :

BNA_F

ClientSampleId :

B-14-11-12.0

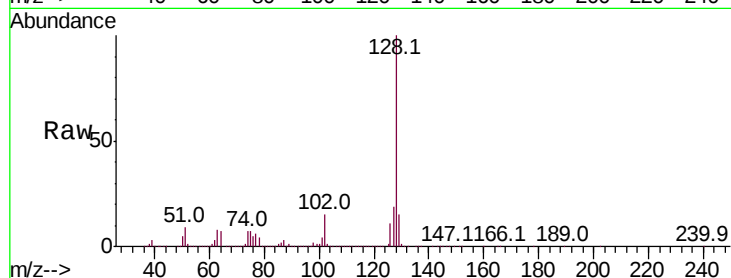
Tot Ion:128 Resp:13764759

Ion Ratio Lower Upper

128 100

129 14.7 10.2 15.2

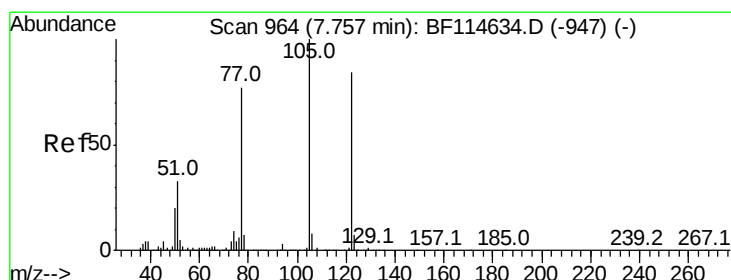
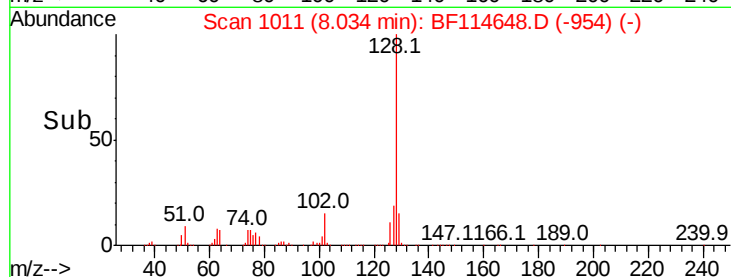
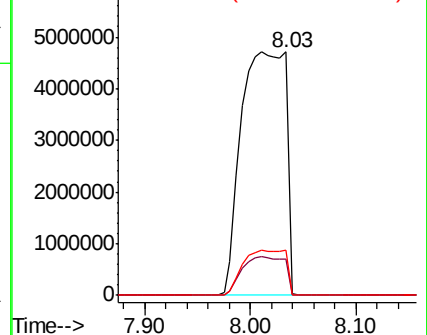
127 18.7 11.9 17.9#



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: 5.844 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF114648.D

Acq: 30 May 2019 1:50

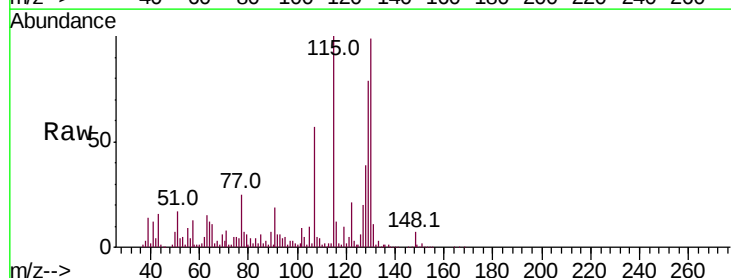
Tgt Ion:122 Resp: 59129

Ion Ratio Lower Upper

122 100

105 48.9 98.3 138.3#

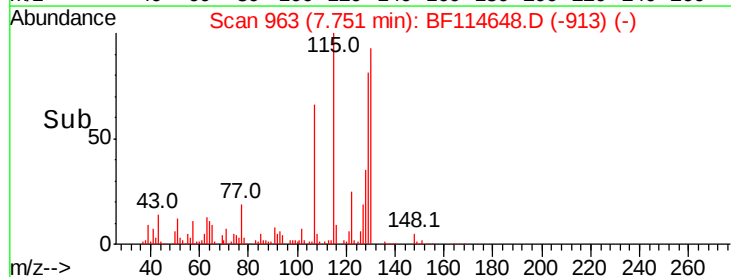
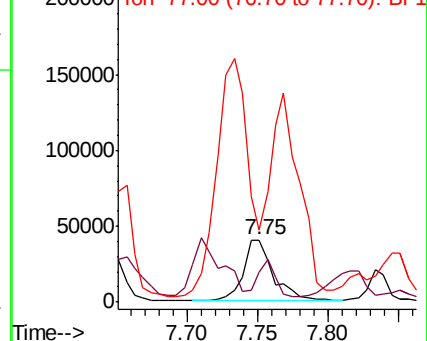
77 117.1 70.7 110.7#

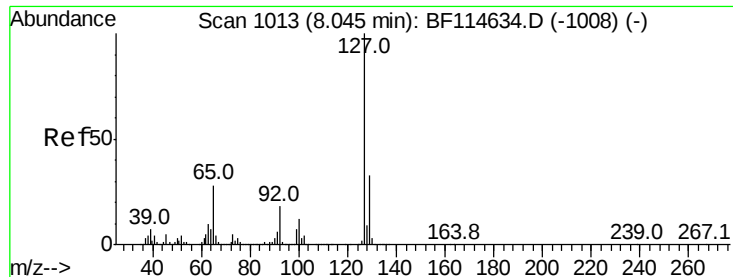


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

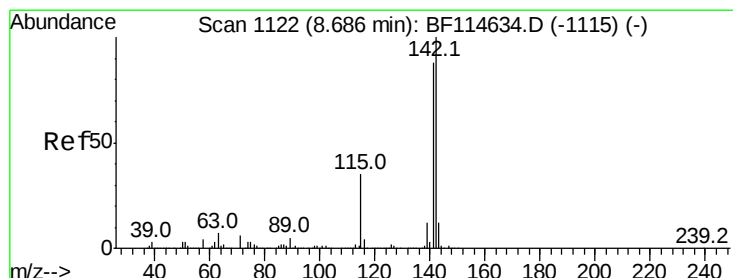
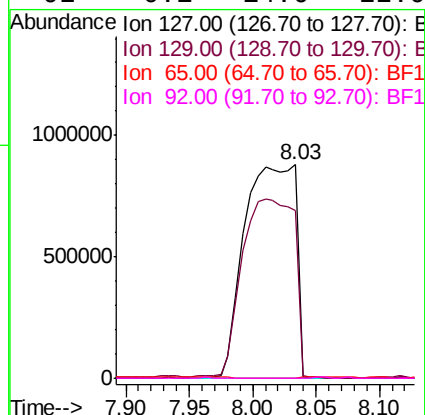
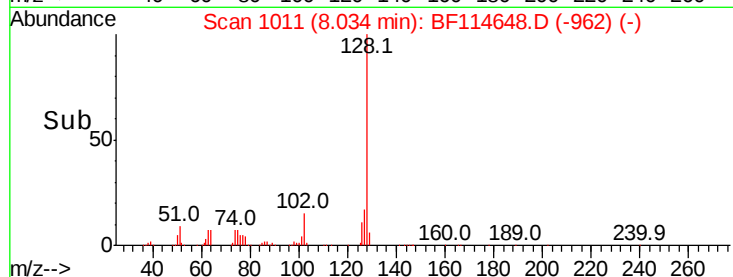
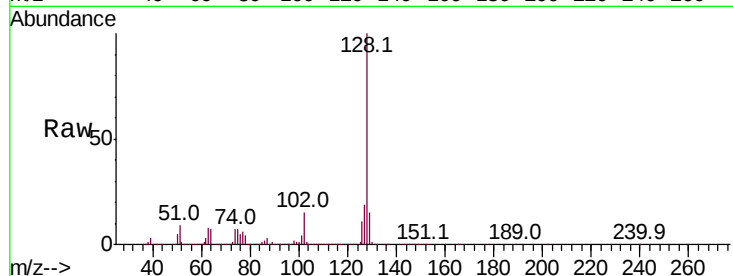




#33
4-Chloroaniline
Concen: 98.728 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF114648.D
Acq: 30 May 2019 1:50

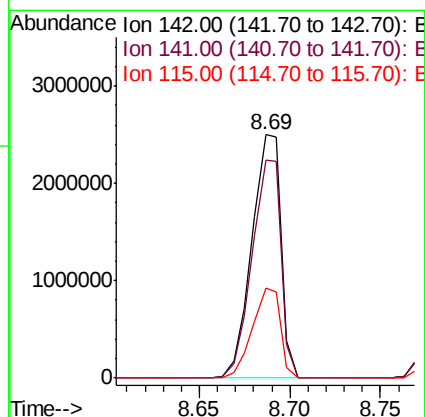
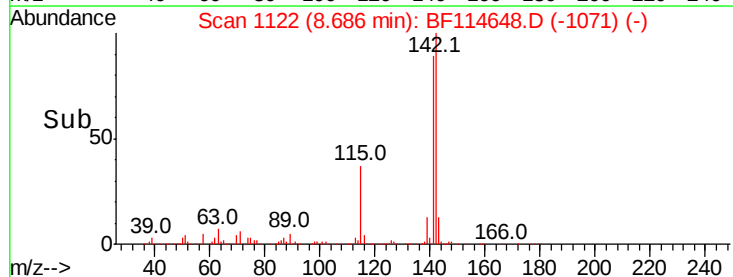
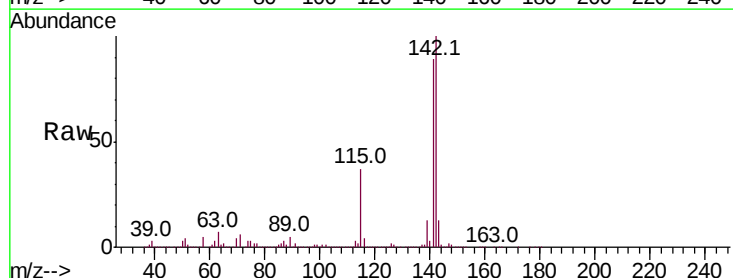
Instrument :
BNA_F
ClientSampleId :
B-14-11-12.0

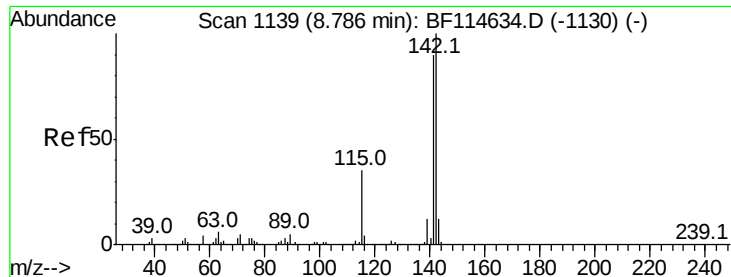
Tot Ion:127 Resp: 2448451
Ion Ratio Lower Upper
127 100
129 78.7 26.7 40.1#
65 0.0 22.5 33.7#
92 0.1 14.6 22.0#



#37
2-Methylnaphthalene
Concen: 80.986 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF114648.D
Acq: 30 May 2019 1:50

Tgt Ion:142 Resp: 2800932
Ion Ratio Lower Upper
142 100
141 89.3 70.3 105.5
115 37.1 28.0 42.0



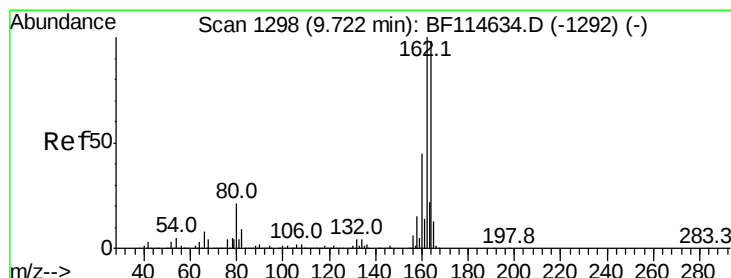
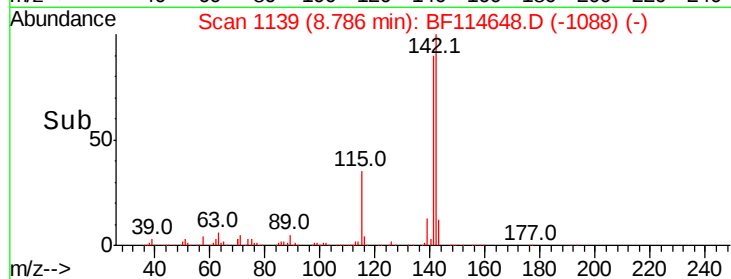
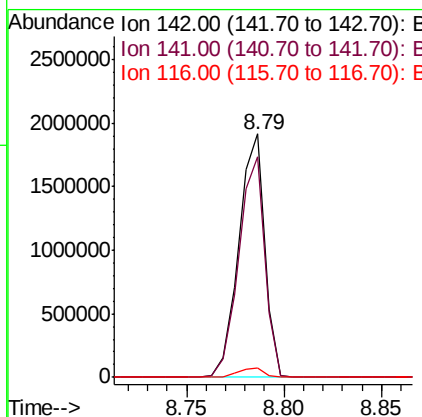
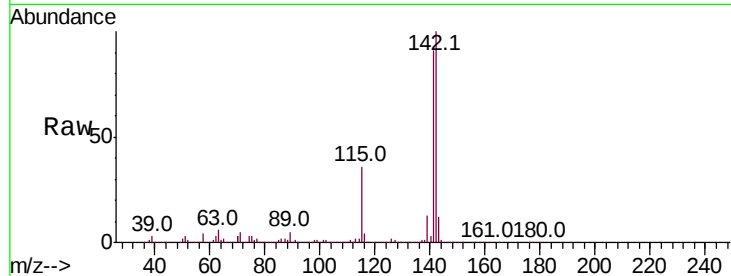


#38
 1-Methylnaphthalene
 Concen: 53.855 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF114648.D
 Acq: 30 May 2019 1:50

Instrument :
 BNA_F
 ClientSampleId :
 B-14-11-12.0

Tot Ion:142 Resp: 1764719

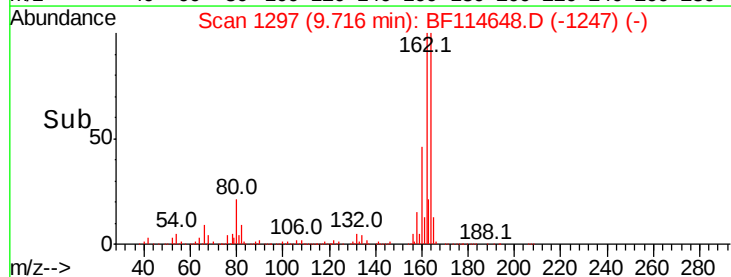
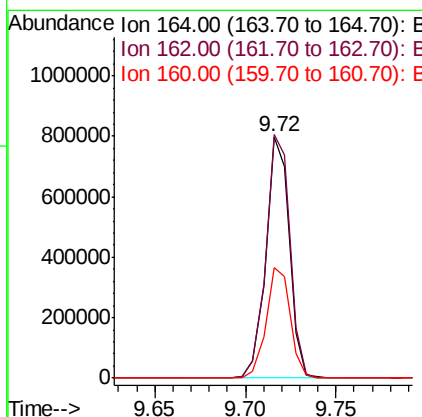
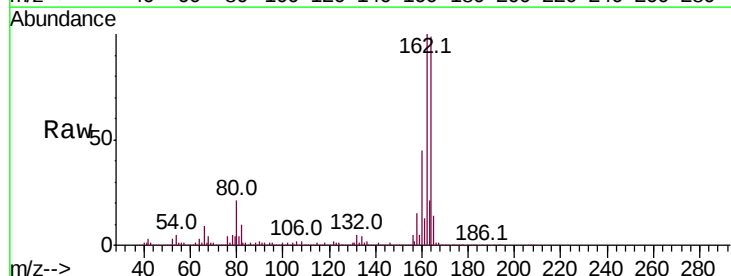
Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.3	108.5
116	3.8	3.0	4.4

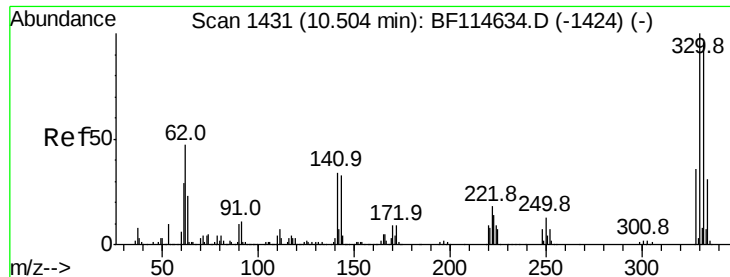


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF114648.D
 Acq: 30 May 2019 1:50

Tgt Ion:164 Resp: 720678

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.4	122.2
160	45.7	36.6	54.8

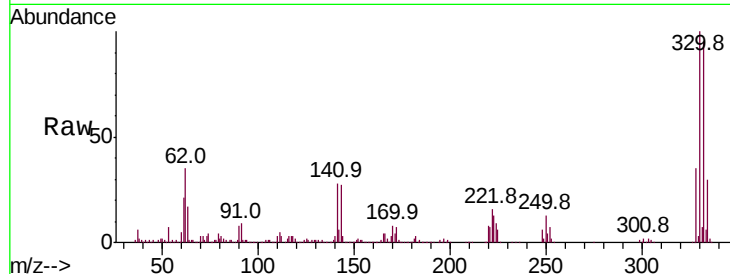




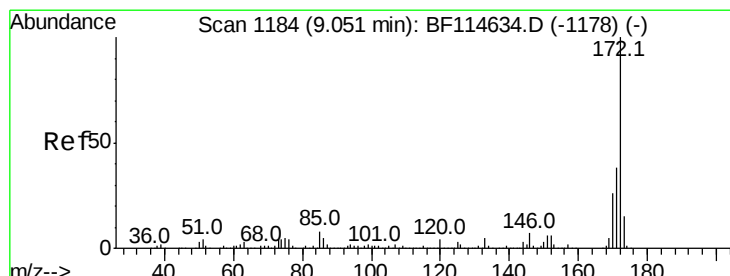
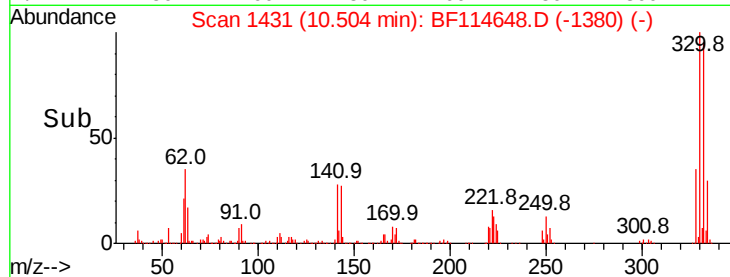
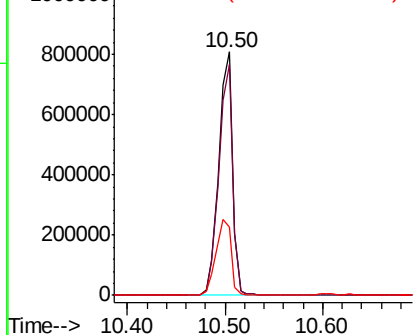
#42
 2,4,6-Tribromophenol
 Concen: 116.621 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114648.D
 Acq: 30 May 2019 1:50

Instrument :
 BNA_F
 ClientSampleId :
 B-14-11-12.0

Tot Ion:330 Resp: 800829
 Ion Ratio Lower Upper
 330 100
 332 94.7 75.8 113.8
 141 33.7 27.8 41.8

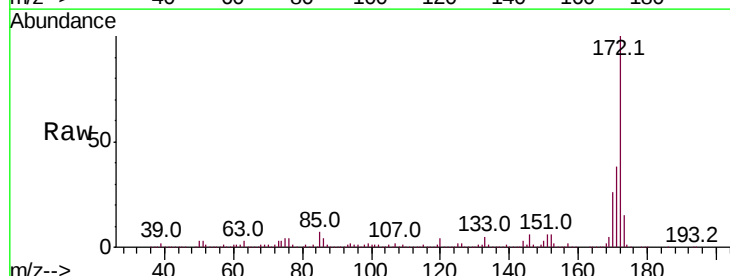


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

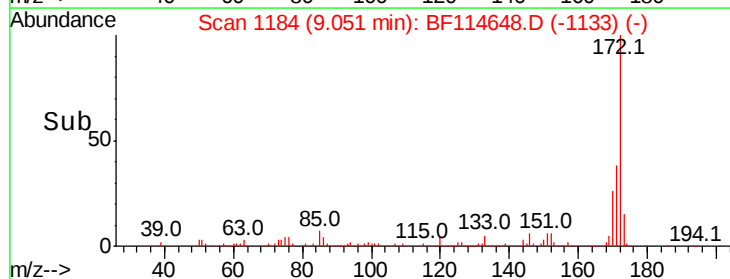
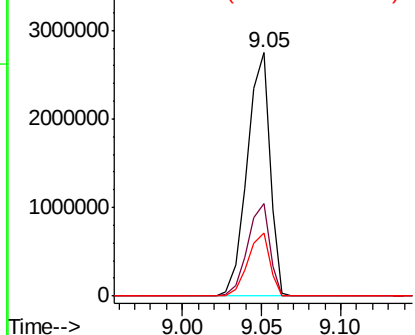


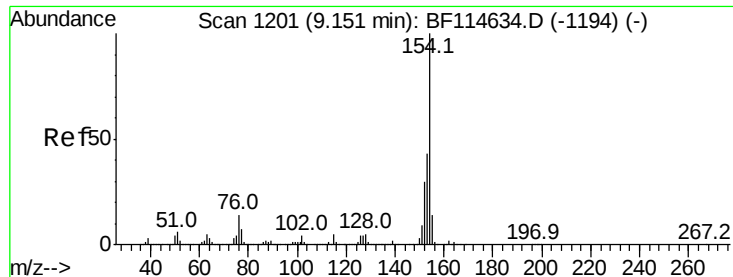
#45
 2-Fluorobiphenyl
 Concen: 67.863 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114648.D
 Acq: 30 May 2019 1:50

Tgt Ion:172 Resp: 2727323
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.6 45.8
 170 26.1 20.7 31.1



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: 3.542 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF114648.D

Acq: 30 May 2019 1:50

Instrument :

BNA_F

ClientSampleId :

B-14-11-12.0

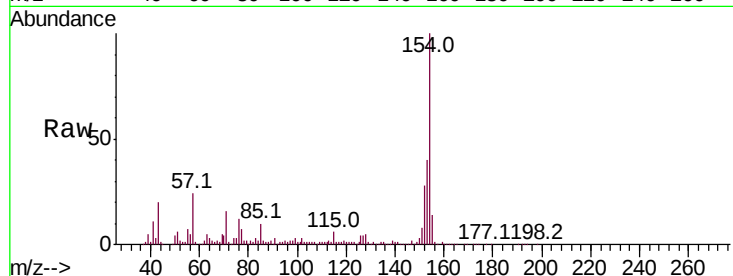
Tot Ion:154 Resp: 189504

Ion Ratio Lower Upper

154 100

153 40.5 23.0 63.0

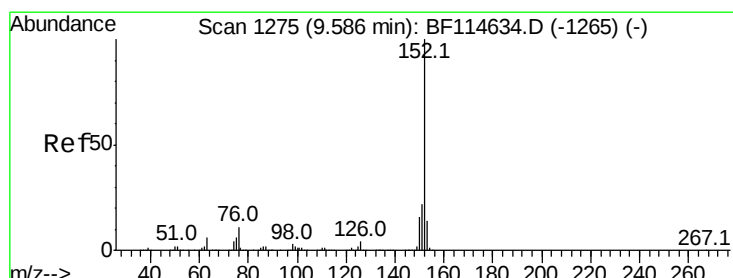
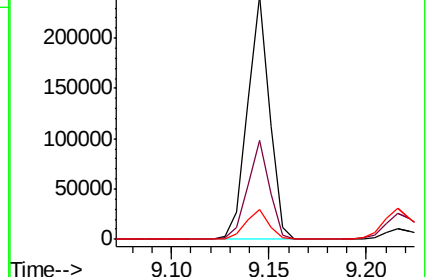
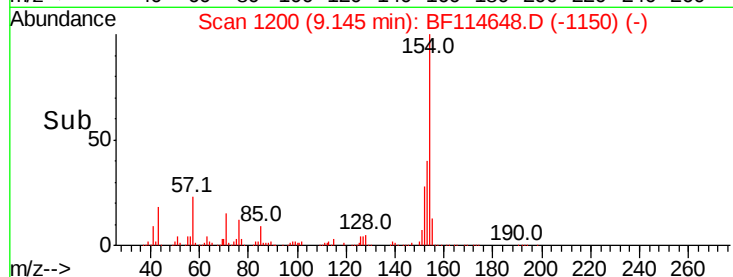
76 12.1 0.0 33.9



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



#49

Acenaphthylene

Concen: 4.393 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF114648.D

Acq: 30 May 2019 1:50

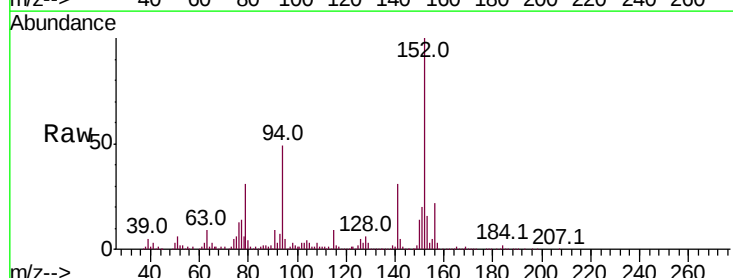
Tgt Ion:152 Resp: 297814

Ion Ratio Lower Upper

152 100

151 20.0 17.5 26.3

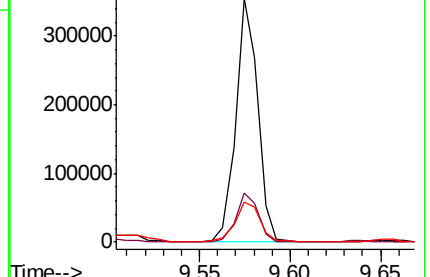
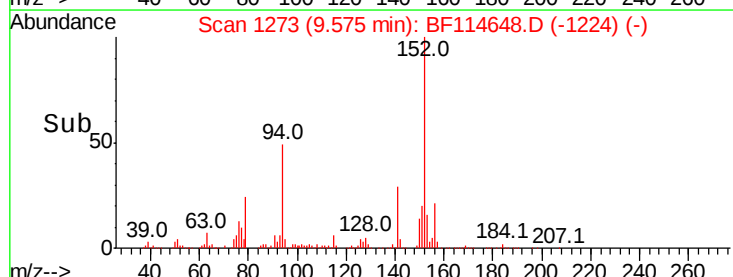
153 16.5 11.6 17.4

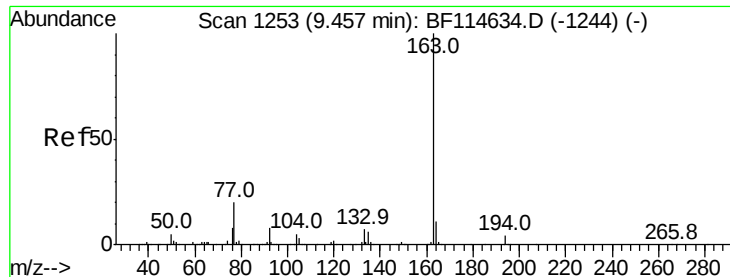


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 5.419 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114648.D

Acq: 30 May 2019 1:50

Instrument :

BNA_F

ClientSampleId :

B-14-11-12.0

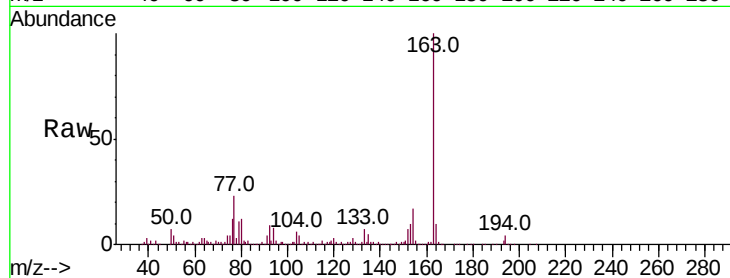
Tot Ion:163 Resp: 272125

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

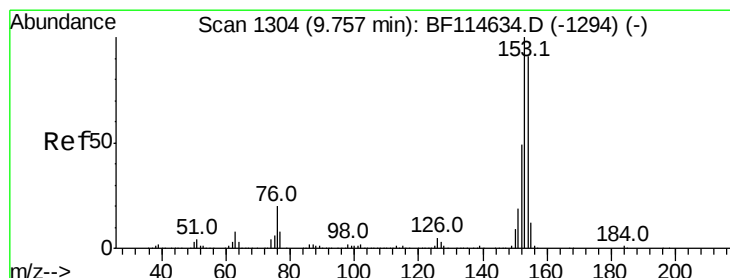
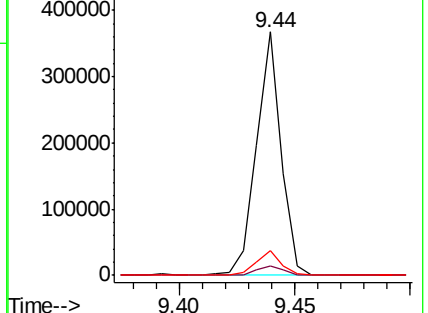
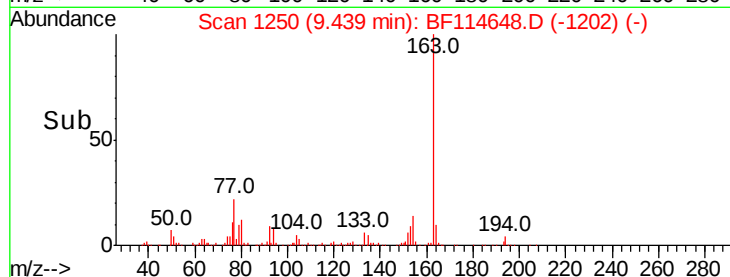
164 10.0 8.6 13.0



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



#52

Acenaphthene

Concen: 4.310 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF114648.D

Acq: 30 May 2019 1:50

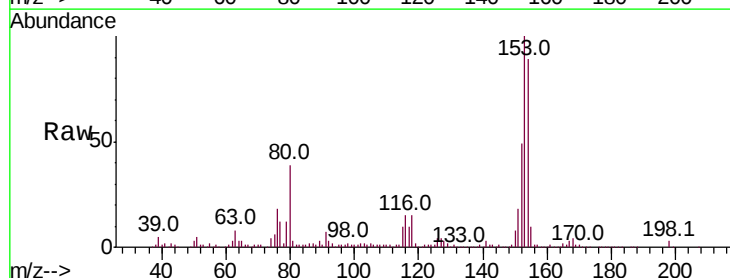
Tgt Ion:154 Resp: 179195

Ion Ratio Lower Upper

154 100

153 112.3 88.4 132.6

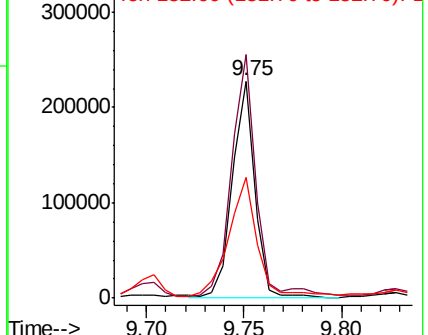
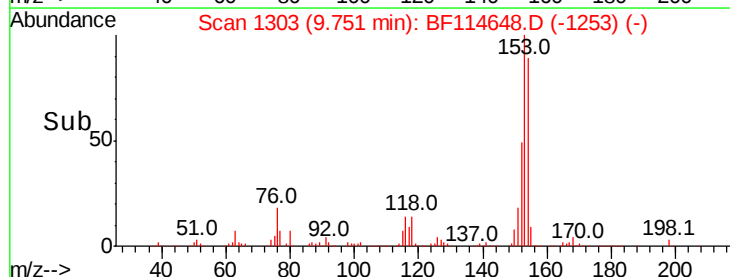
152 55.6 43.4 65.0

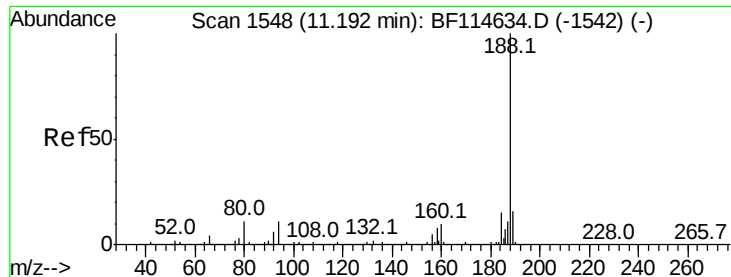


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

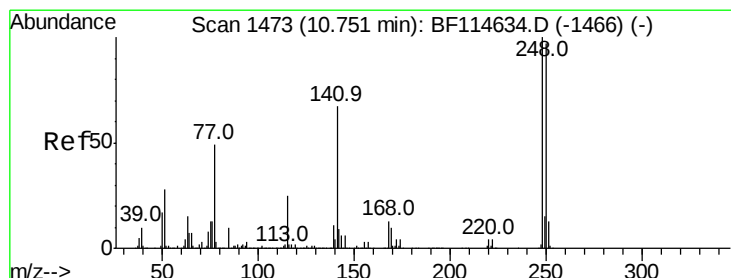
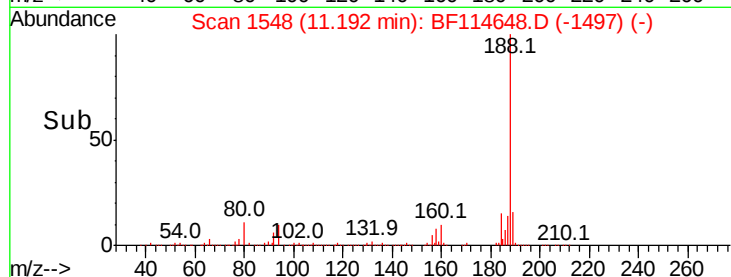
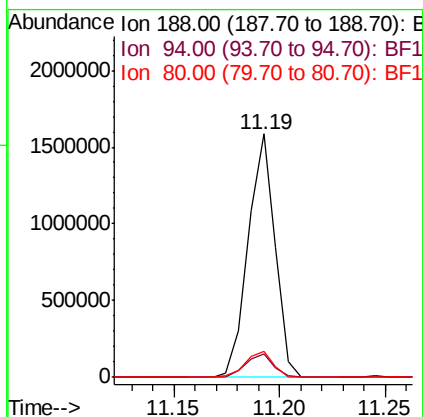
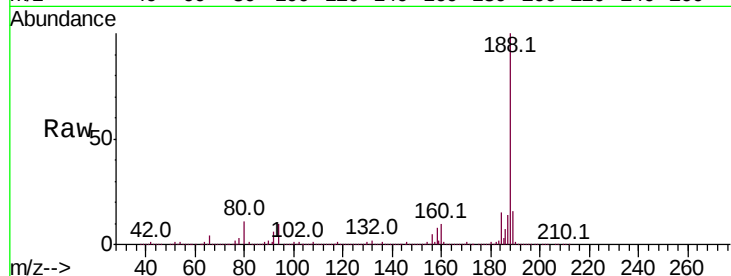




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF114648.D
Acq: 30 May 2019 1:50

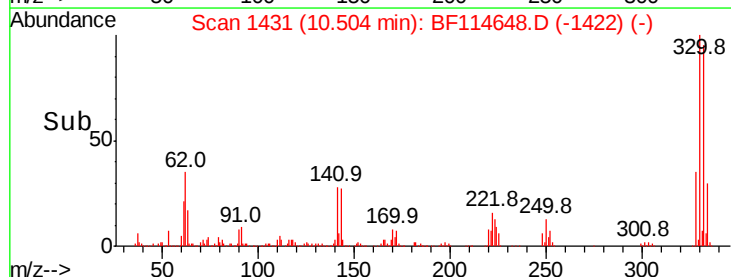
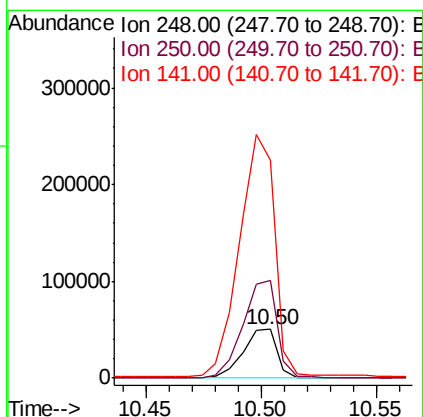
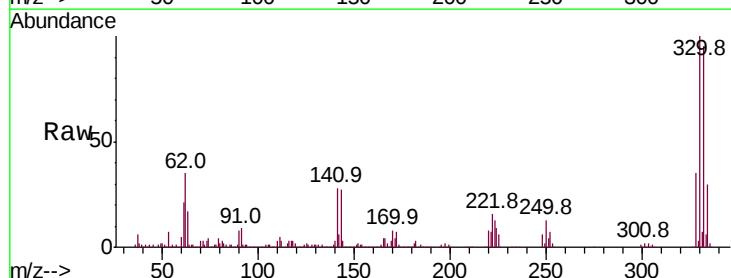
Instrument :
BNA_F
ClientSampleId :
B-14-11-12.0

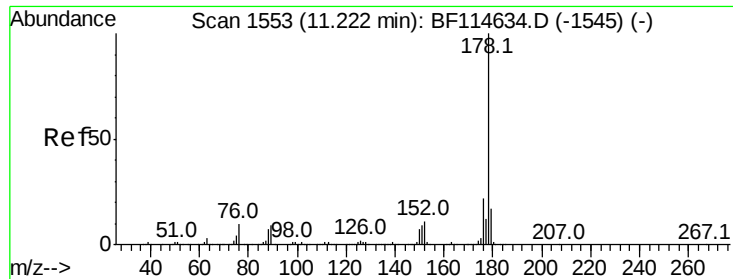
Tot Ion:188 Resp: 1398507
Ion Ratio Lower Upper
188 100
94 9.8 8.6 13.0
80 10.7 9.0 13.6



#67
4-Bromophenyl-phenylether
Concen: 3.478 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114648.D
Acq: 30 May 2019 1:50

Tgt Ion:248 Resp: 52155
Ion Ratio Lower Upper
248 100
250 200.4 78.0 117.0#
141 447.2 53.8 80.8#





#71

Phenanthrene

Concen: 13.130 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF114648.D

Acq: 30 May 2019 1:50

Instrument :

BNA_F

ClientSampleId :

B-14-11-12.0

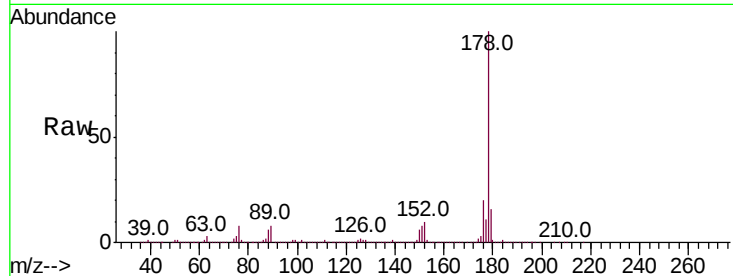
Tot Ion:178 Resp: 936668

Ion Ratio Lower Upper

178 100

176 19.9 17.2 25.8

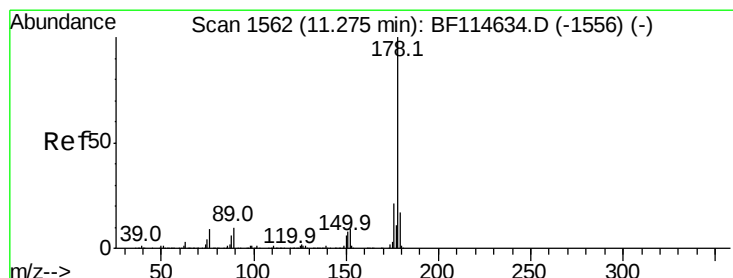
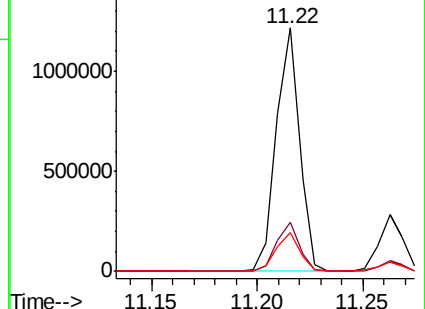
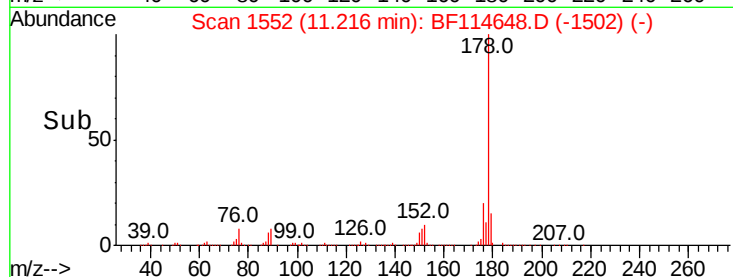
179 15.8 13.9 20.9



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: 3.010 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF114648.D

Acq: 30 May 2019 1:50

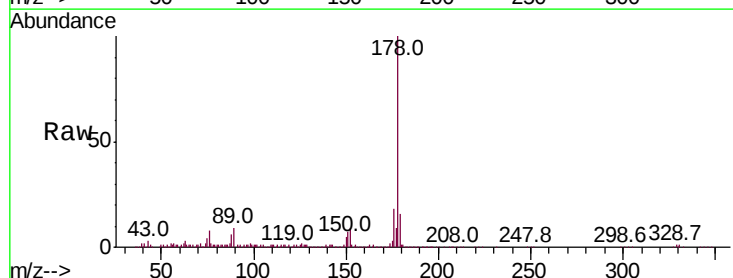
Tgt Ion:178 Resp: 217312

Ion Ratio Lower Upper

178 100

176 18.5 16.6 24.8

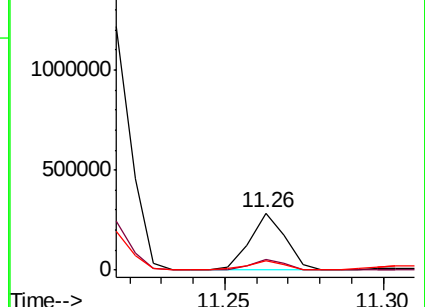
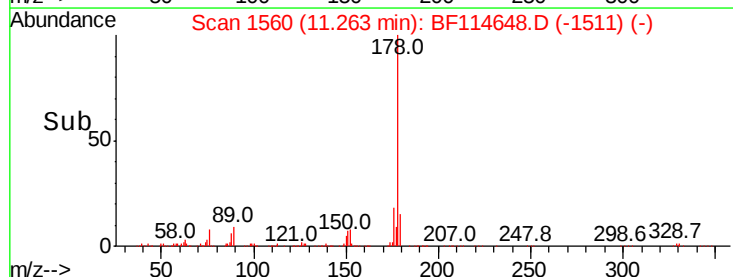
179 15.7 13.4 20.0

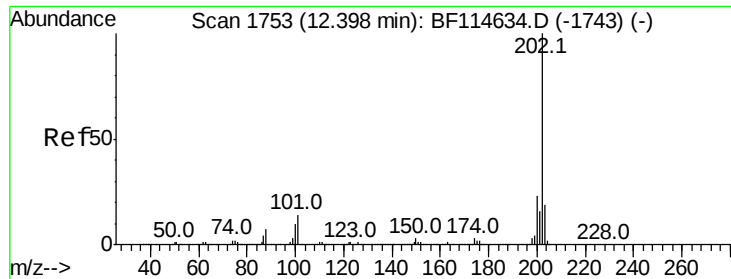


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 5.074 ng

RT: 12.39 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BF114648.D

Acq: 30 May 2019 1:50

Instrument :

BNA_F

ClientSampleId :

B-14-11-12.0

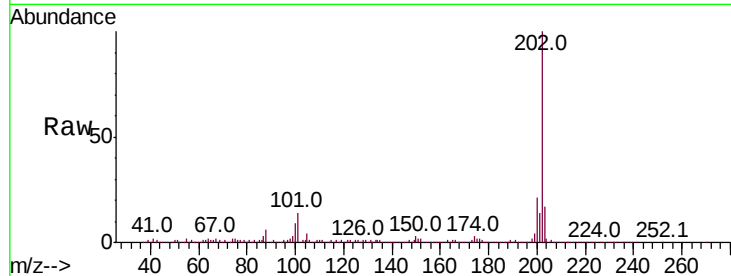
Tot Ion:202 Resp: 374798

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.9

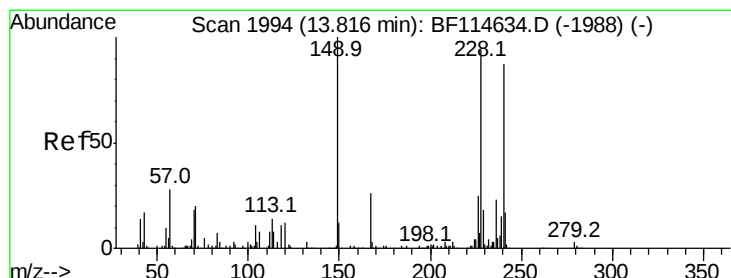
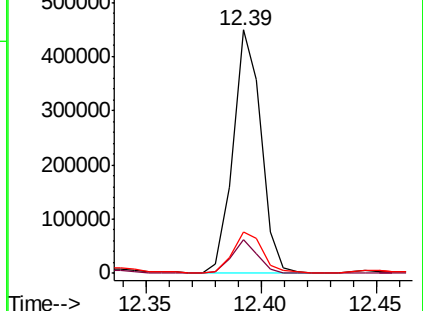
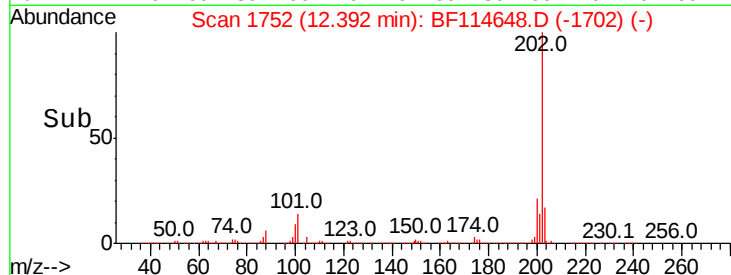
203 17.2 0.0 39.1



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: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114648.D

Acq: 30 May 2019 1:50

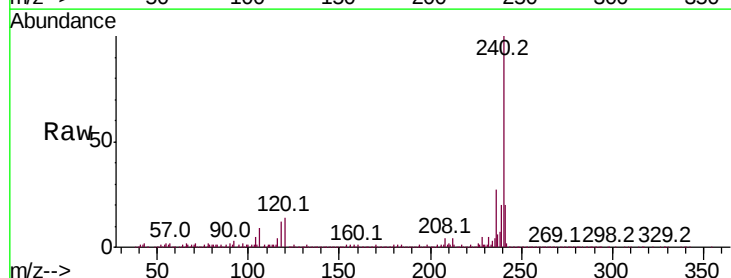
Tgt Ion:240 Resp: 960666

Ion Ratio Lower Upper

240 100

120 13.8 11.2 16.8

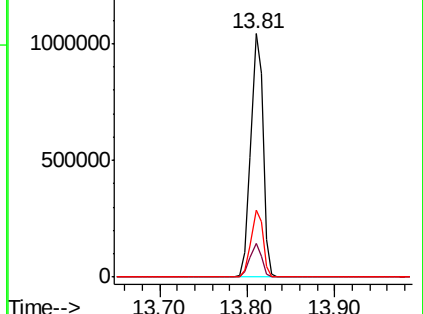
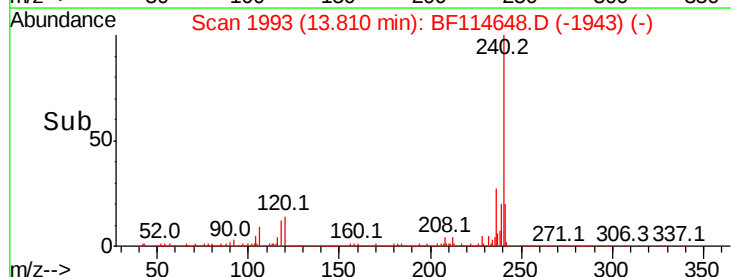
236 27.3 21.2 31.8

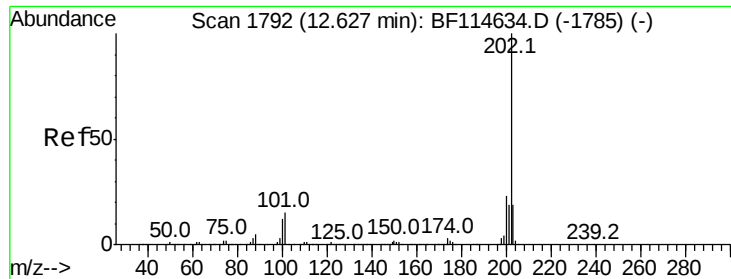


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

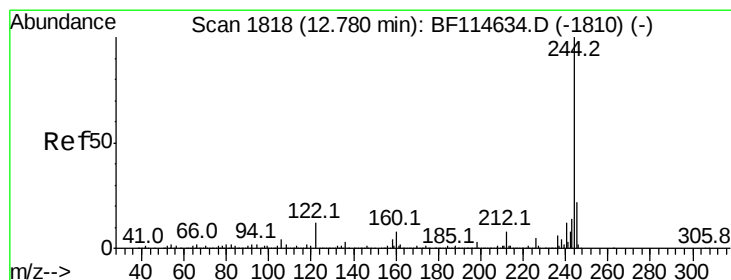
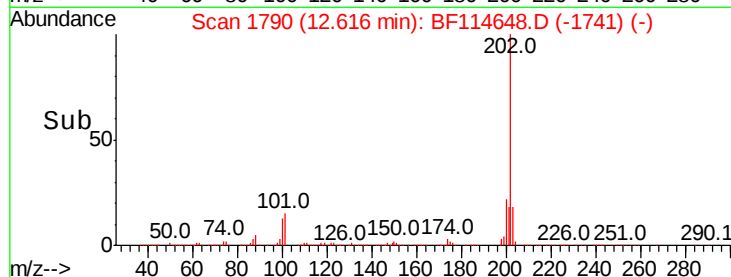
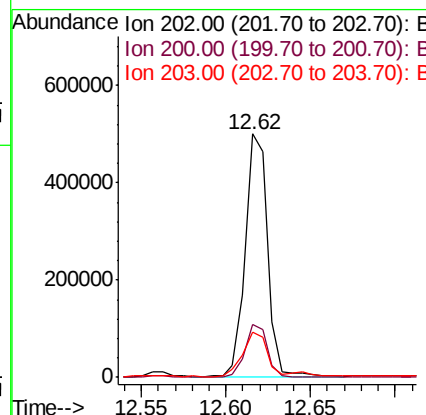
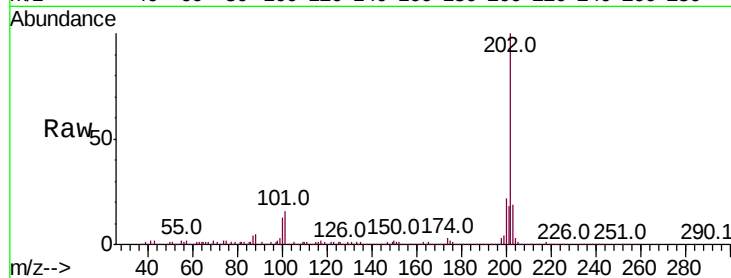




#78
Pvrene
Concen: 5.628 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF114648.D
Acq: 30 May 2019 1:50

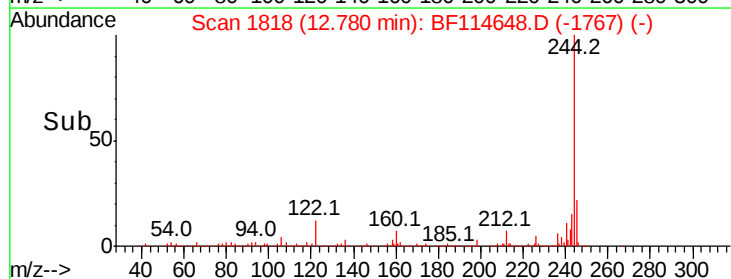
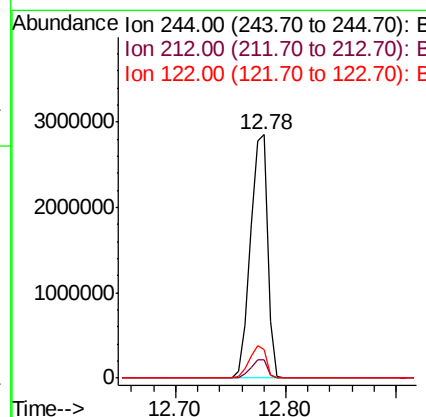
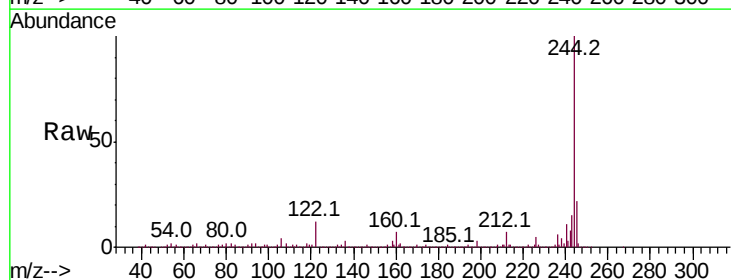
Instrument :
BNA_F
ClientSampleId :
B-14-11-12.0

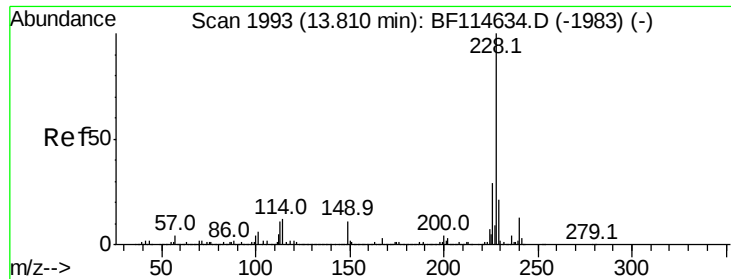
Tot Ion:202 Resp: 457346
Ion Ratio Lower Upper
202 100
200 22.0 18.6 28.0
203 18.8 15.4 23.2



#79
Terphenyl-d14
Concen: 61.218 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF114648.D
Acq: 30 May 2019 1:50

Tgt Ion:244 Resp: 3127947
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 11.6 9.8 14.8

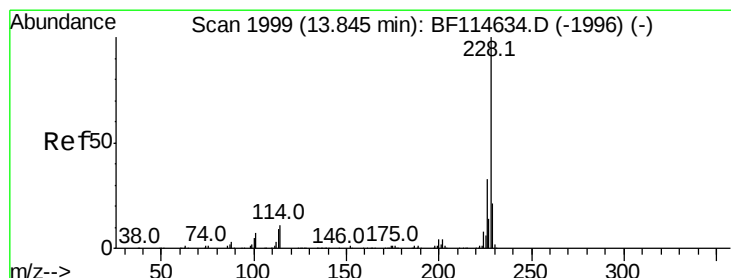
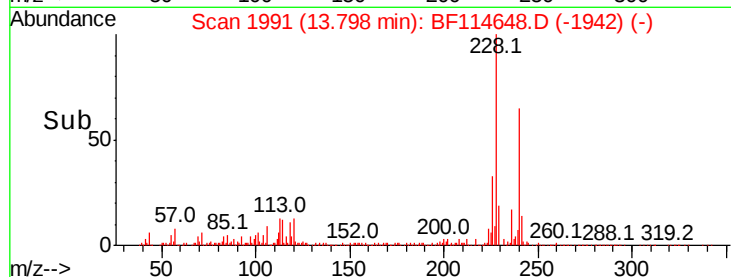
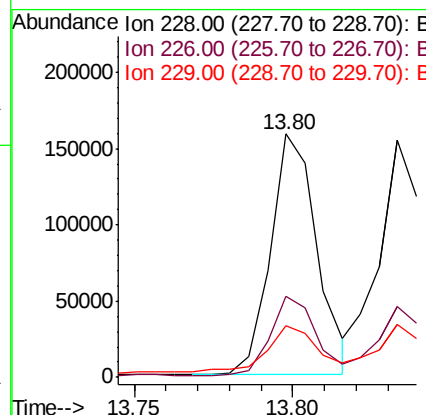
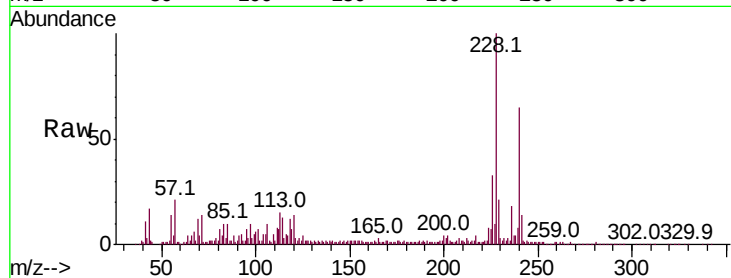




#81
Benzo(a)anthracene
Concen: 2.188 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF114648.D
Acq: 30 May 2019 1:50

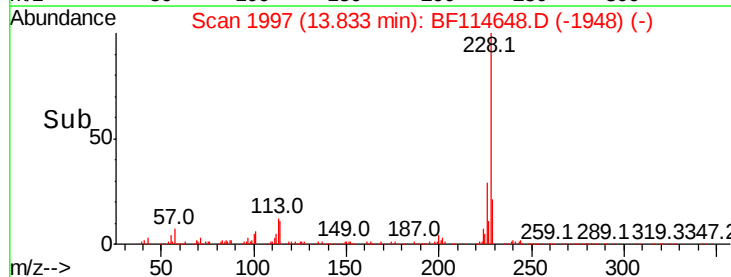
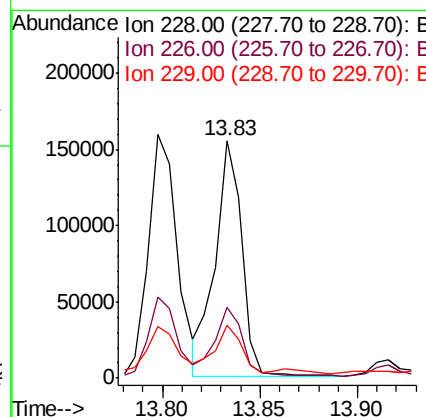
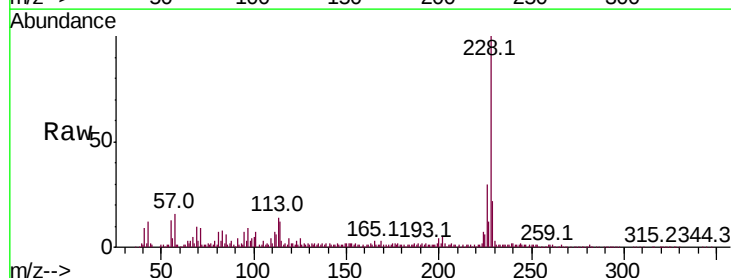
Instrument :
BNA_F
ClientSampleId :
B-14-11-12.0

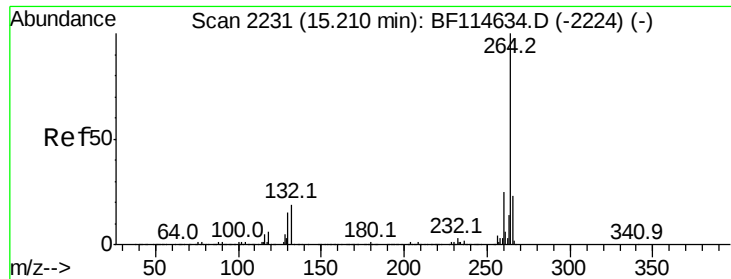
Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	23.0	34.6
229	21.2	17.0	25.4



#83
Chrysene
Concen: 2.056 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF114648.D
Acq: 30 May 2019 1:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	26.4	39.6
229	22.2	17.1	25.7



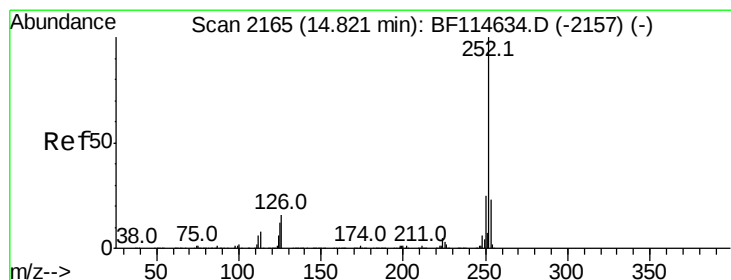
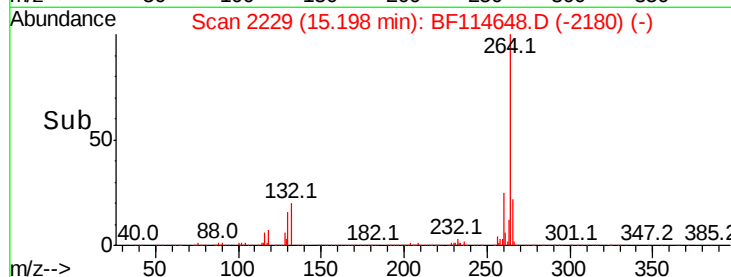
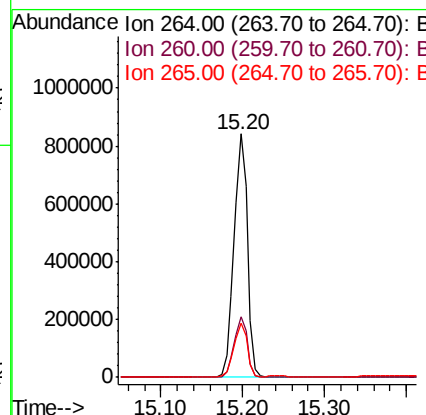
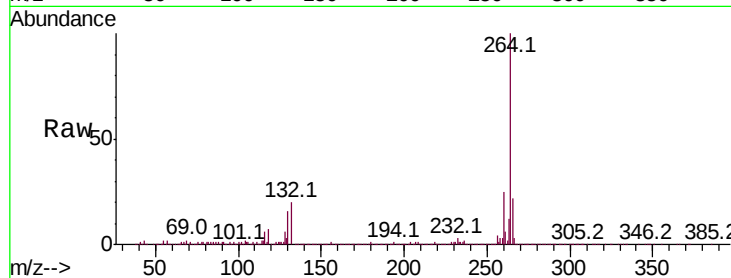


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF114648.D
Acq: 30 May 2019 1:50

Instrument :
BNA_F
ClientSampleId :
B-14-11-12.0

Tot Ion:264 Resp: 961691

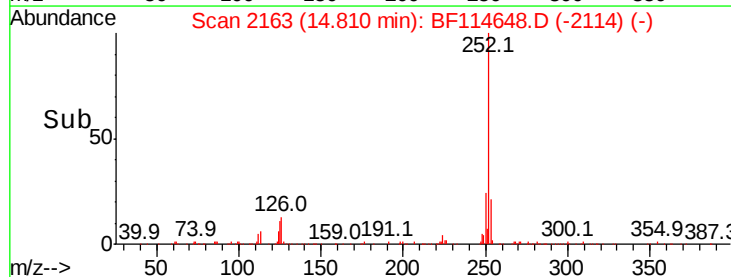
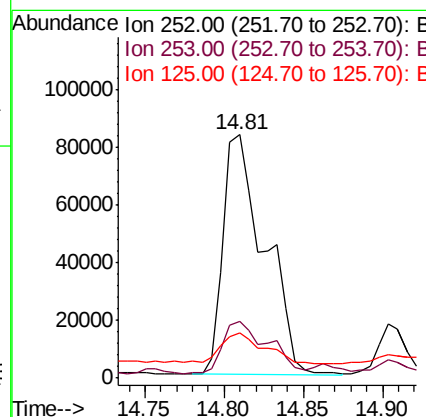
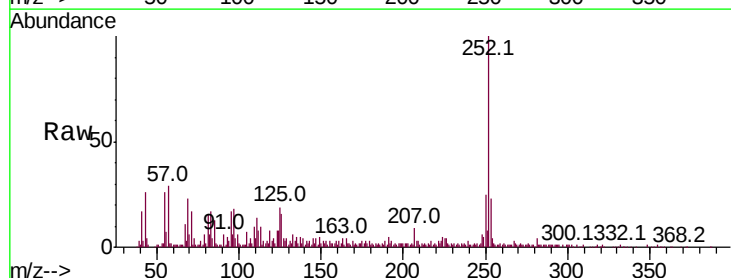
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	22.4	18.1	27.1

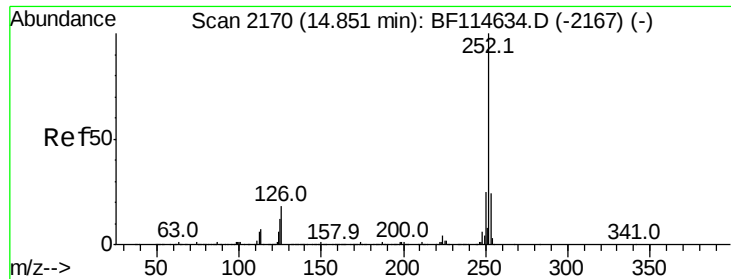


#88
Benzo(b)fluoranthene
Concen: 2.501 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF114648.D
Acq: 30 May 2019 1:50

Tgt Ion:252 Resp: 151461

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	18.6	9.4	14.2#





#89

Benzo(k)fluoranthene

Concen: 2.877 ng

RT: 14.81 min Scan# 2163

Delta R.T. -0.04 min

Lab File: BF114648.D

Acq: 30 May 2019 1:50

Instrument :

BNA_F

ClientSampleId :

B-14-11-12.0

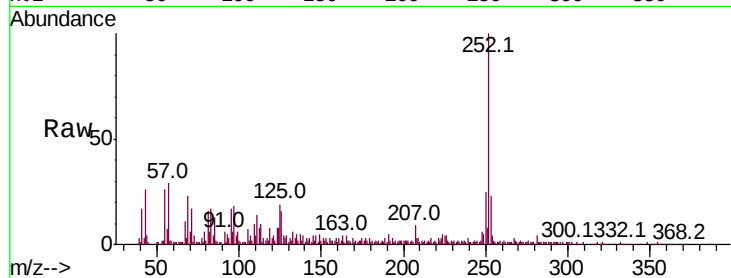
Tot Ion:252 Resp: 151461

Ion Ratio Lower Upper

252 100

253 23.4 18.9 28.3

125 18.6 9.5 14.3#



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

