

Data File : BF114763.D
Acq On : 1 Jun 2019 17:59
Operator : HP/JU
Sample : K3105-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRIANGLE

Quant Time: Jun 03 01:42:45 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	339609	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1175799	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	497402	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	935911	20.00	ng	0.00
76) Chrysene-d12	13.83	240	674147	20.00	ng	0.02
87) Perylene-d12	15.22	264	666298	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1806365	93.39	ng	0.01
7) Phenol-d6	6.33	99	2126833	91.24	ng	0.00
23) Nitrobenzene-d5	7.25	82	1257789	66.74	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	462284	97.54	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1921826	69.70	ng	0.00
79) Terphenyl-d14	12.78	244	1839533	51.30	ng	0.00

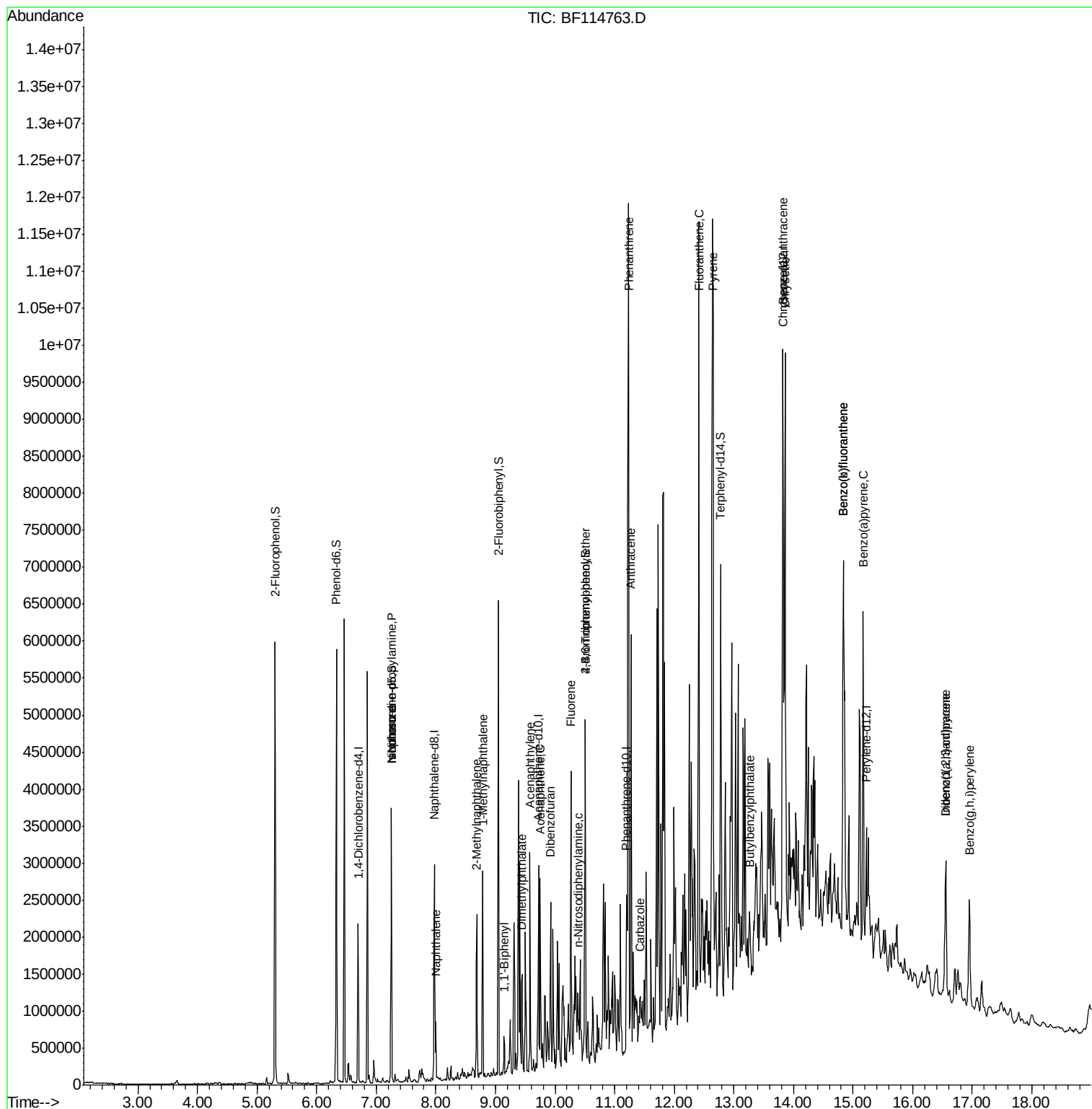
Target Compounds				Qvalue		
9) Benzaldehyde	6.23	77	7295	Below Cal	#	30
19) n-Nitroso-di-n-propylamine	7.25	70	171466	10.657 ng	#	76
25) Isophorone	7.25	82	1240403	32.796 ng	#	63
31) Naphthalene	8.00	128	345564	6.381 ng		96
37) 2-Methylnaphthalene	8.69	142	536594	14.912 ng		98
38) 1-Methylnaphthalene	8.79	142	750444	22.011 ng		99
46) 1,1'-Biphenyl	9.15	154	126726	3.432 ng		96
49) Acenaphthylene	9.58	152	768021	16.414 ng		96
50) Dimethylphthalate	9.44	163	323972	9.347 ng		100
52) Acenaphthene	9.75	154	568329	19.806 ng		98
55) Dibenzofuran	9.92	168	331252	8.110 ng	#	92
58) Fluorene	10.27	166	1045118	36.754 ng		99
61) 4-Chlorophenyl-phenylether	10.29	204	447	Below Cal	#	1
66) n-Nitrosodiphenylamine	10.38	169	77355	2.797 ng	#	54
67) 4-Bromophenyl-phenylether	10.50	248	29557	2.945 ng	#	1
71) Phenanthrene	11.23	178	5250119	109.968 ng		94
72) Anthracene	11.27	178	2035897	42.134 ng		99
73) Carbazole	11.42	167	236778	5.576 ng		99
74) Di-n-butylphthalate	11.77	149	44701	Below Cal	#	64
75) Fluoranthene	12.42	202	5240226	106.000 ng		96
78) Pyrene	12.65	202	6001257	105.234 ng		93
80) Butylbenzylphthalate	13.26	149	107592	3.754 ng		94
81) Benzo(a)anthracene	13.82	228	3771617	72.803 ng		92
83) Chrysene	13.86	228	3370804	68.102 ng		96
86) Indeno(1,2,3-cd)pyrene	16.55	276	1184965	23.903 ng		94
88) Benzo(b)fluoranthene	14.84	252	4164784	99.242 ng		97
89) Benzo(k)fluoranthene	14.84	252	4164784	114.179 ng		98
90) Benzo(a)pyrene	15.17	252	2357852	63.956 ng		96
91) Dibenzo(a,h)anthracene	16.56	278	356996	10.958 ng		94
92) Benzo(g,h,i)perylene	16.95	276	1129442	35.721 ng		99

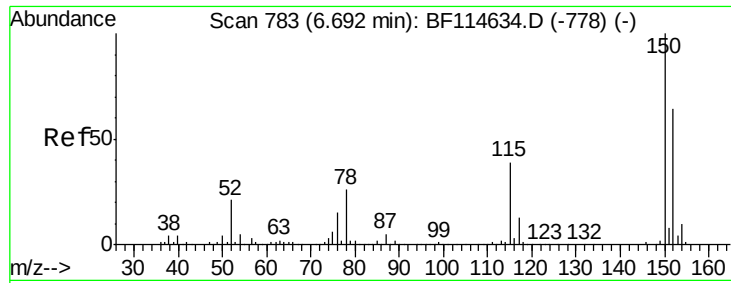
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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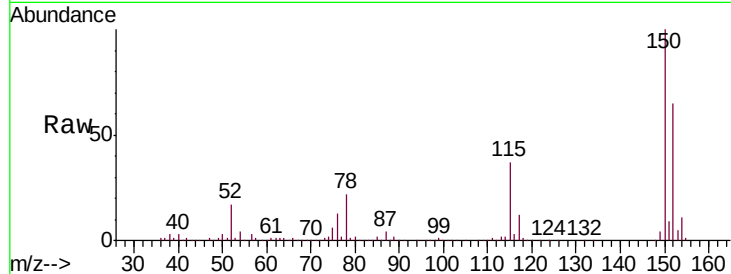


#1

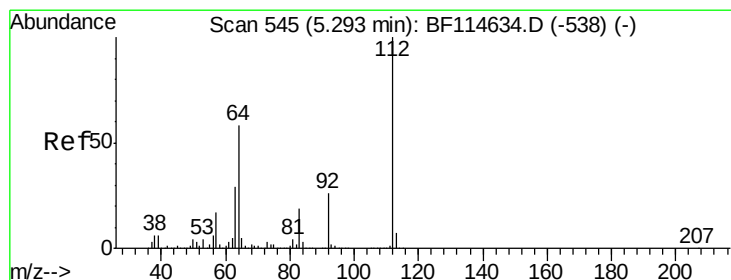
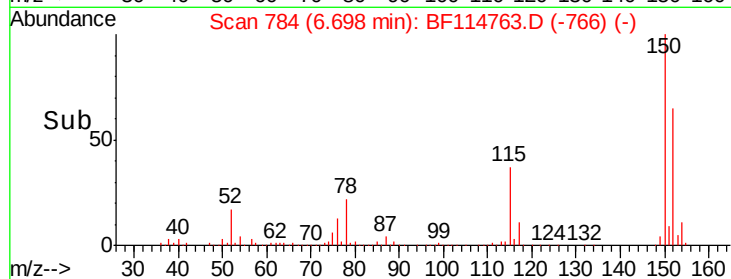
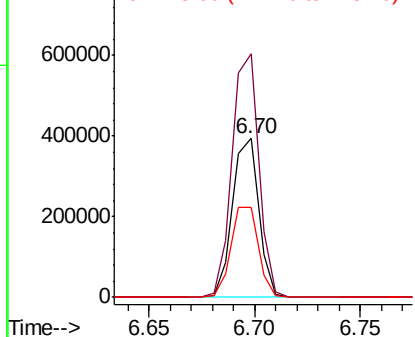
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Instrument :
BNA_F
ClientSampleId :
TRIANGLE

Tgt Ion:152 Resp: 339609
Ion Ratio Lower Upper
152 100
150 153.3 124.4 186.6
115 56.5 48.7 73.1



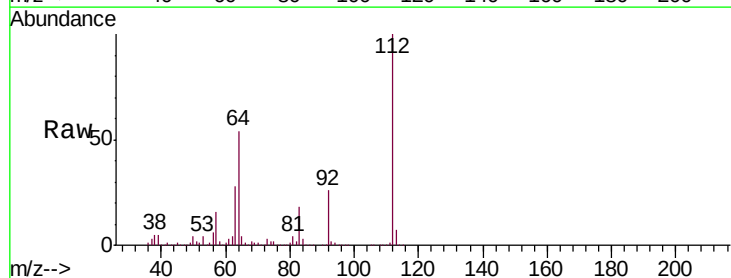
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



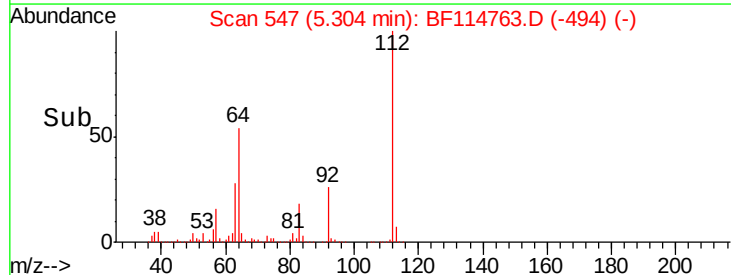
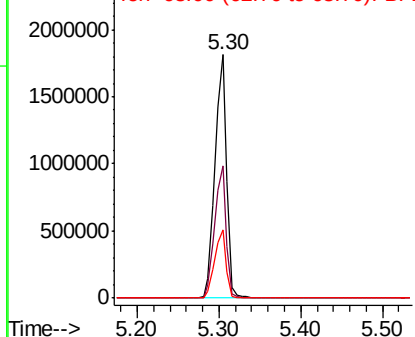
#5

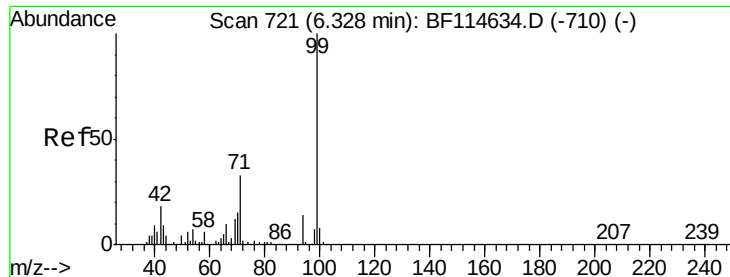
2-Fluorophenol
Concen: 93.385 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Tgt Ion:112 Resp: 1806365
Ion Ratio Lower Upper
112 100
64 54.2 46.1 69.1
63 27.8 23.4 35.2



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





#7

Phenol-d6

Concen: 91.245 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

Instrument :

BNA_F

ClientSampleId :

TRIANGLE

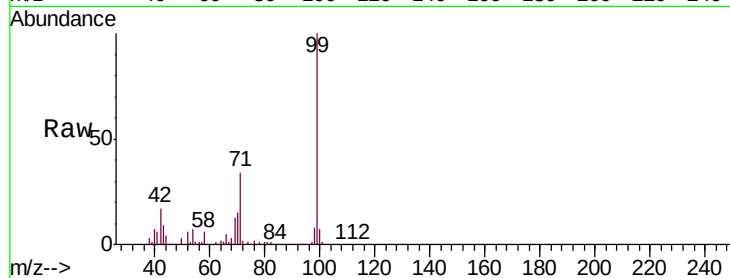
Tgt Ion: 99 Resp: 2126833

Ion Ratio Lower Upper

99 100

42 17.0 14.7 22.1

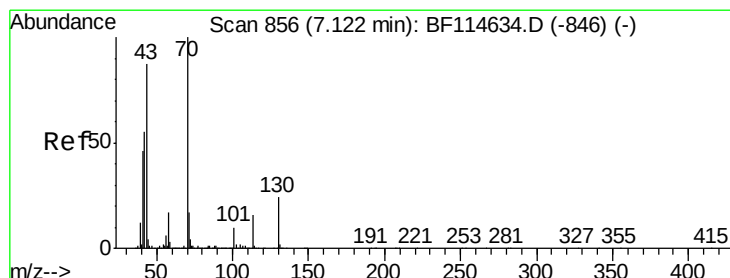
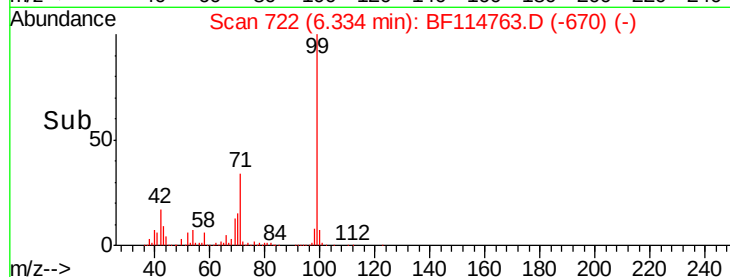
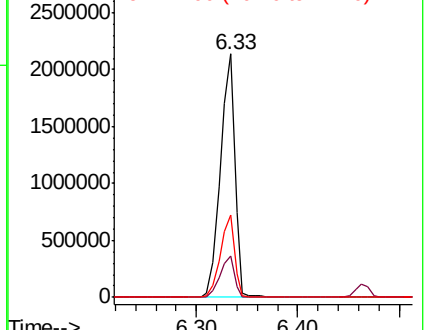
71 34.1 26.6 40.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.657 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.13 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

Tgt Ion: 70 Resp: 171466

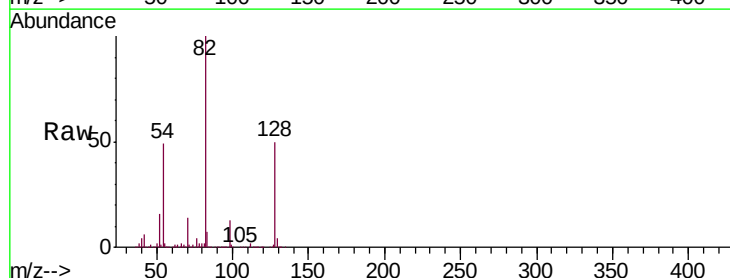
Ion Ratio Lower Upper

70 100

42 45.1 44.4 66.6

101 0.0 8.2 12.4#

130 2.6 19.4 29.0#

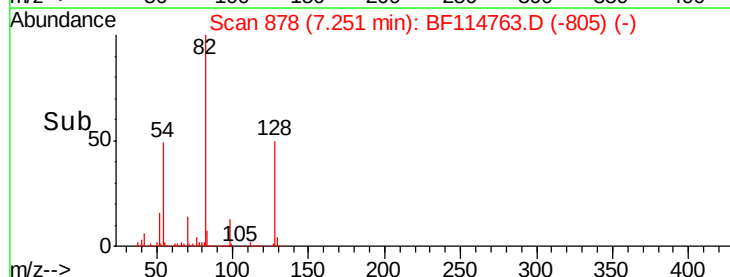
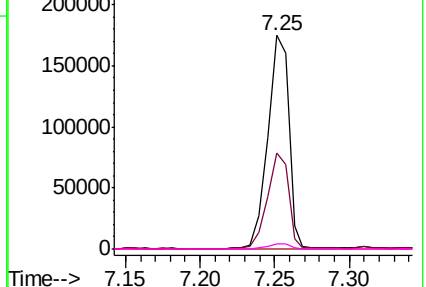


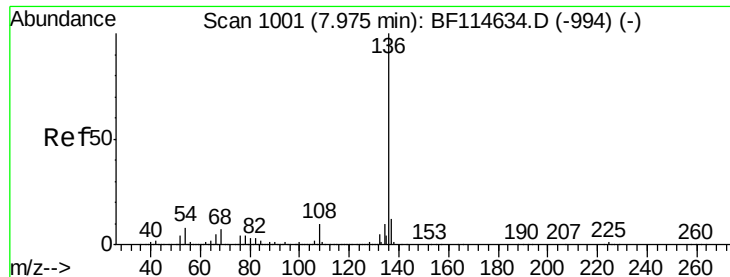
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



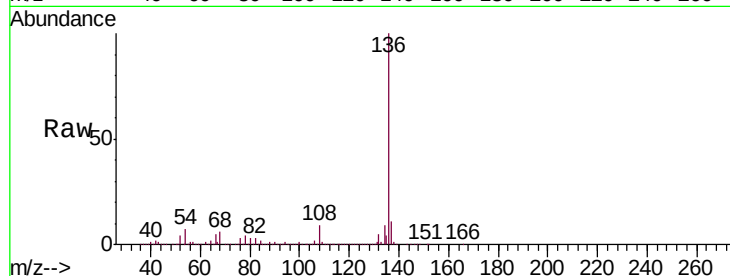


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Instrument :
BNA_F
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Tgt Ion:136 Resp: 1175799

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	6.8	6.3	9.5
68	5.9	5.4	8.0



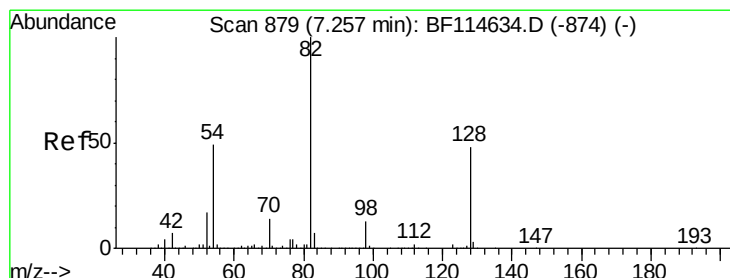
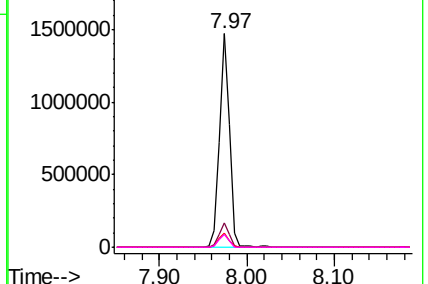
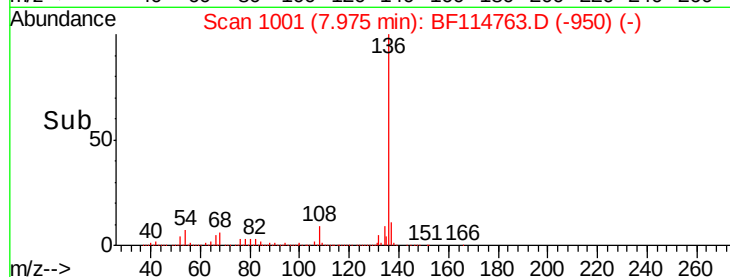
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

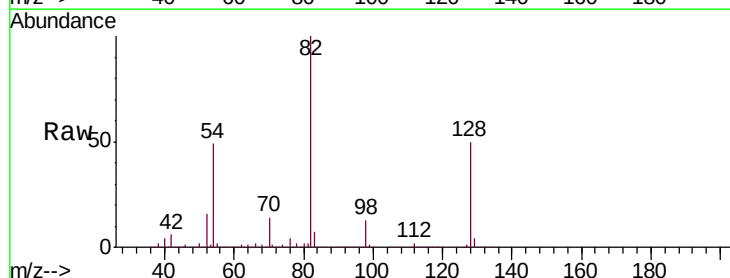
Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 66.740 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Tgt Ion: 82 Resp: 1257789

Ion	Ratio	Lower	Upper
82	100		
128	50.1	38.5	57.7
54	48.7	39.1	58.7

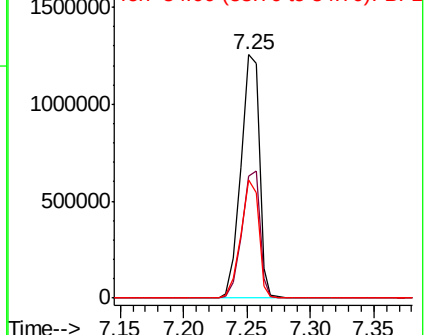
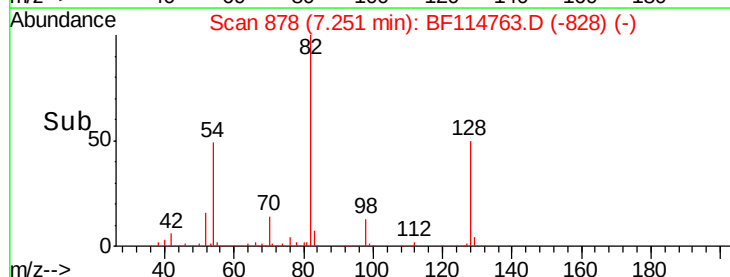


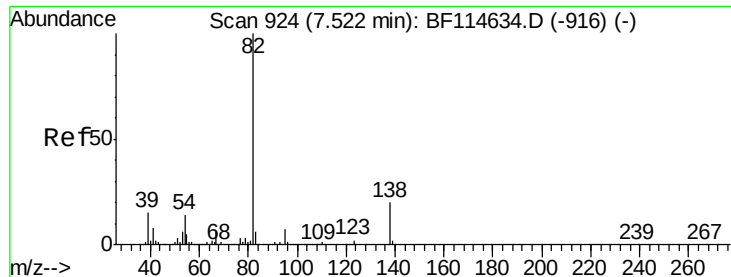
Abundance

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: 32.796 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.27 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

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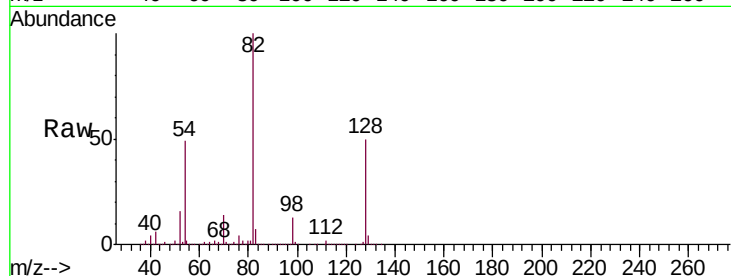
Tgt Ion: 82 Resp: 1240403

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

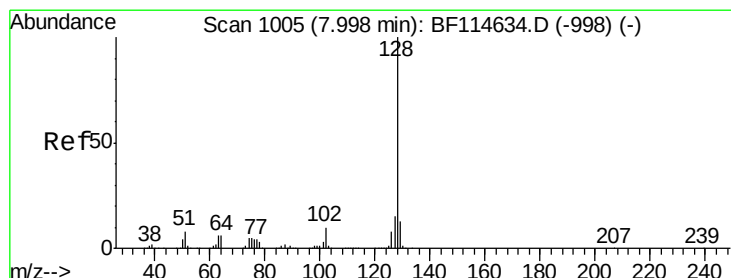
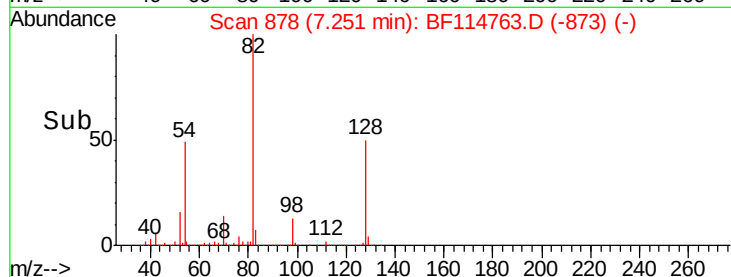
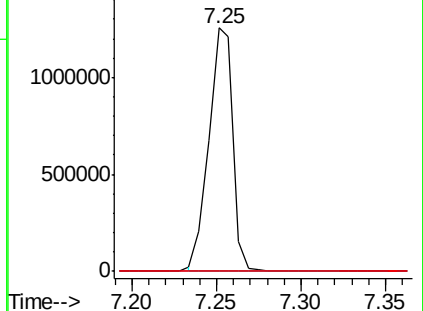
138 0.0 15.9 23.9#



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



#31

Naphthalene

Concen: 6.381 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

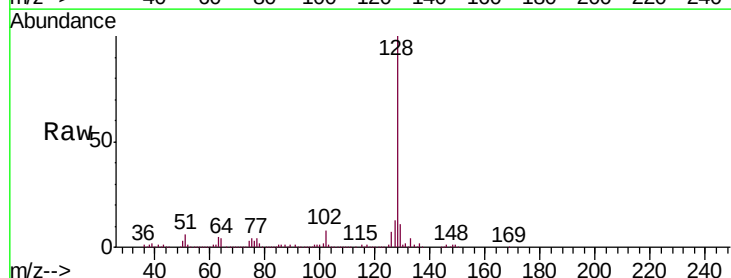
Tgt Ion: 128 Resp: 345564

Ion Ratio Lower Upper

128 100

129 11.2 10.2 15.2

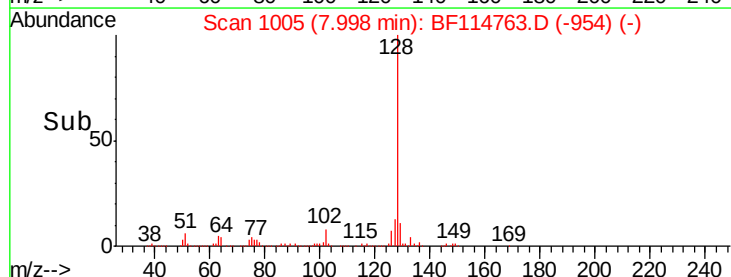
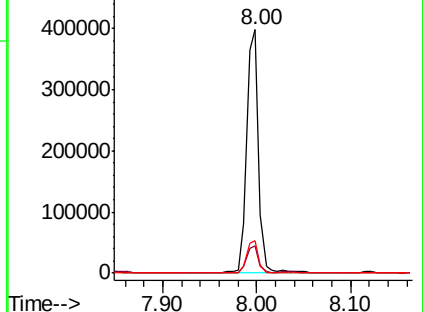
127 13.2 11.9 17.9

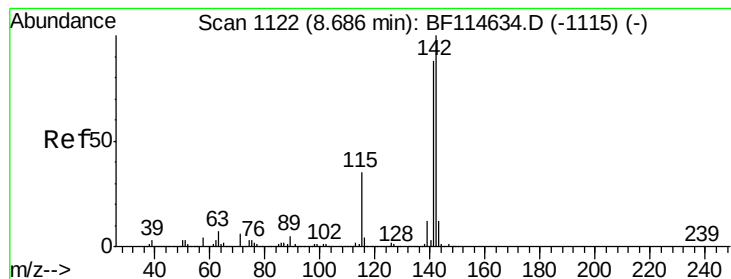


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 14.912 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.00 min

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ClientSampleId :

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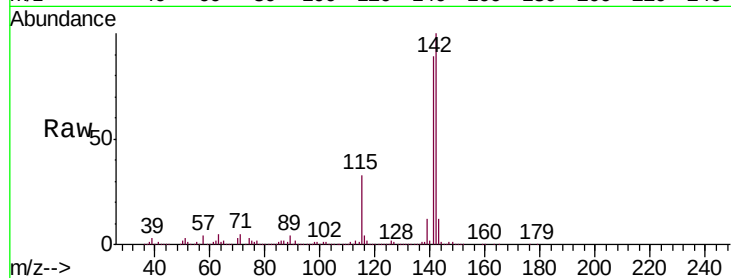
Tgt Ion:142 Resp: 536594

Ion Ratio Lower Upper

142 100

141 89.0 70.3 105.5

115 33.4 28.0 42.0

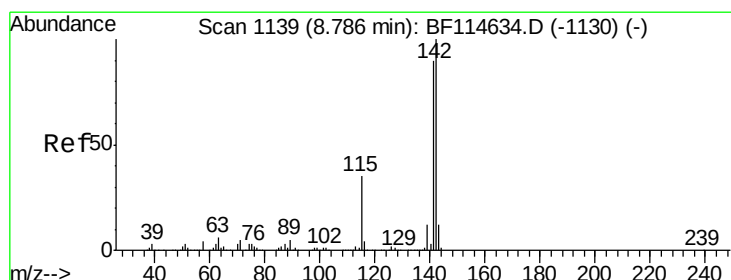
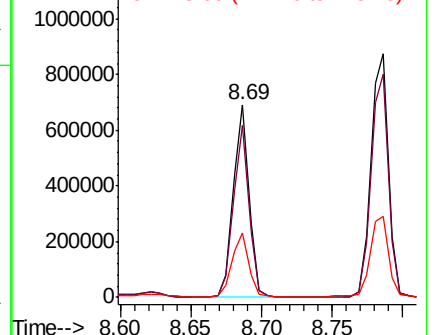
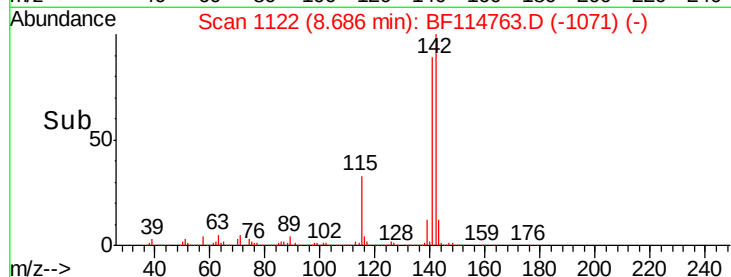


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 22.011 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

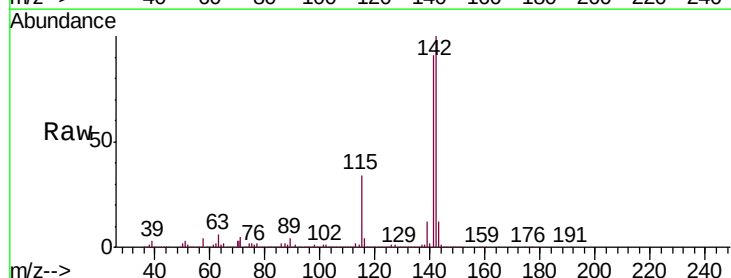
Tgt Ion:142 Resp: 750444

Ion Ratio Lower Upper

142 100

141 91.4 72.3 108.5

116 3.6 3.0 4.4

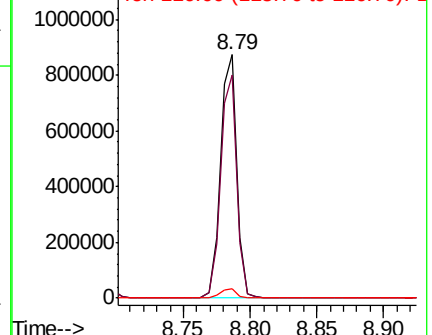
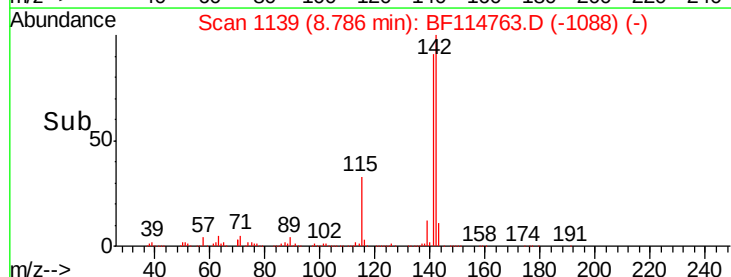


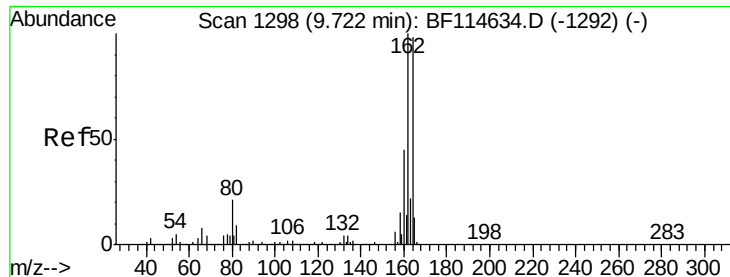
Abundance

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

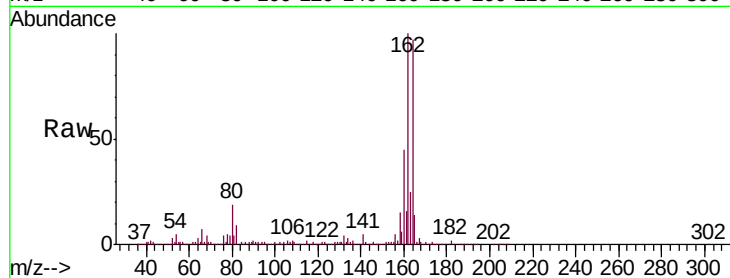




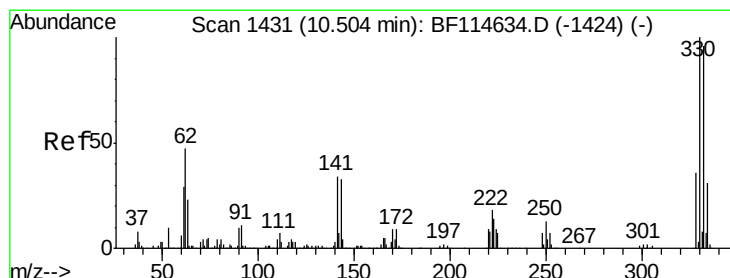
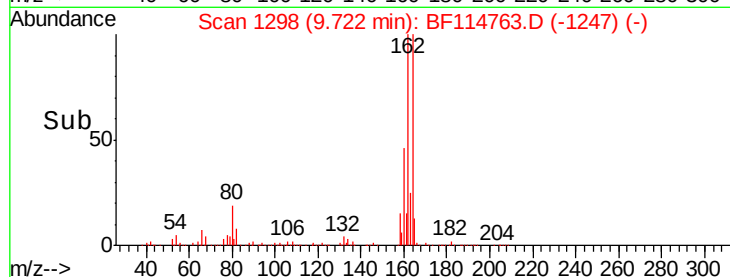
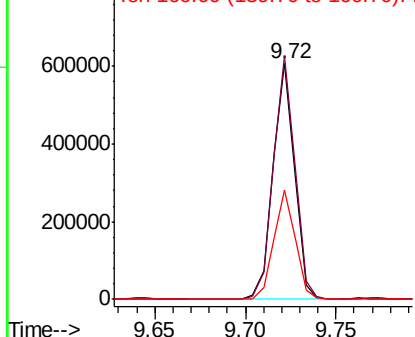
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114763.D
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Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.4	122.2
160	46.3	36.6	54.8

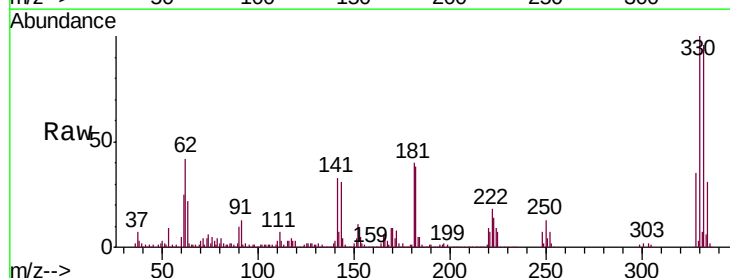


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

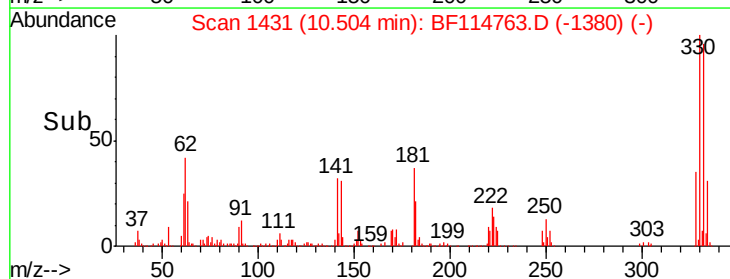
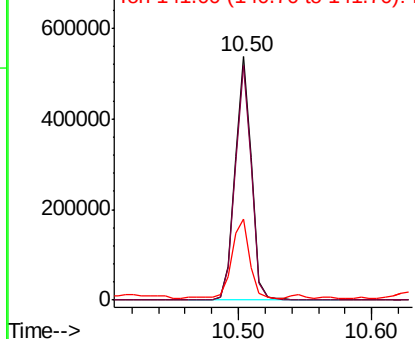


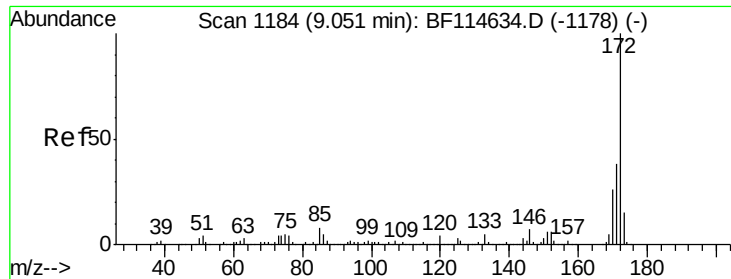
#42
2,4,6-Tribromophenol
Concen: 97.539 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114763.D
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.8	113.8
141	36.2	27.8	41.8



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

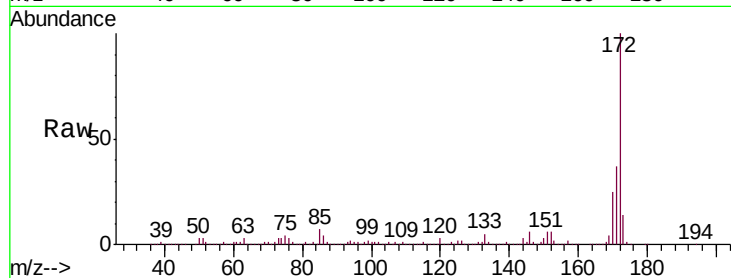




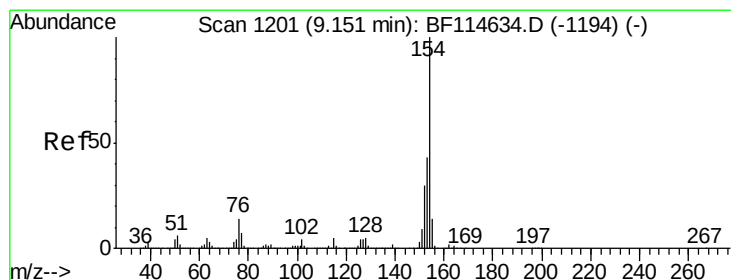
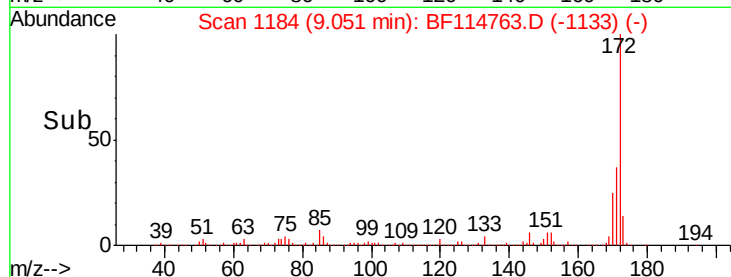
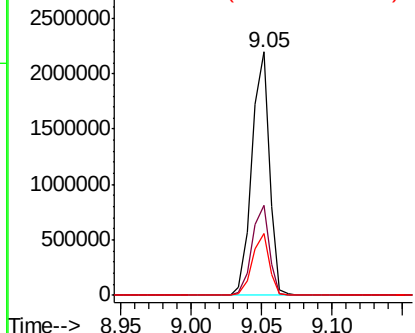
#45
2-Fluorobiphenyl
Concen: 69.699 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Instrument :
BNA_F
ClientSampleId :
TRIANGLE

Tgt Ion:172 Resp: 1921826
Ion Ratio Lower Upper
172 100
171 36.8 30.6 45.8
170 25.4 20.7 31.1

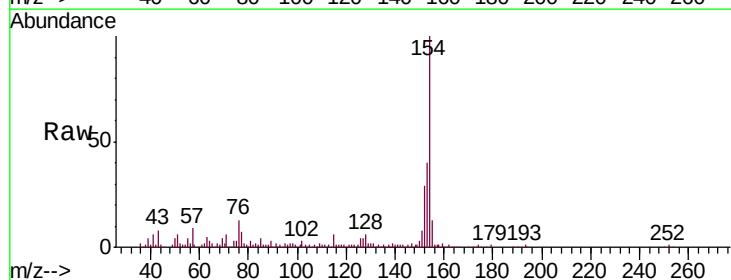


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

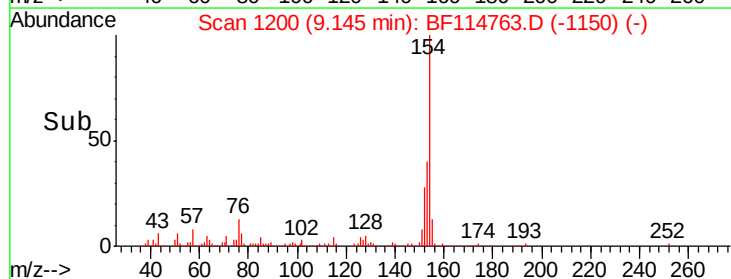
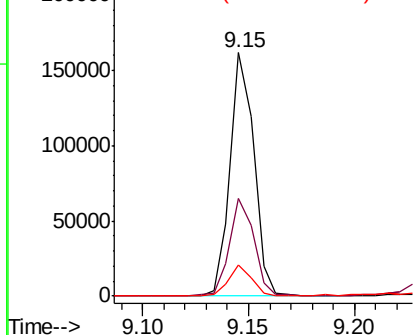


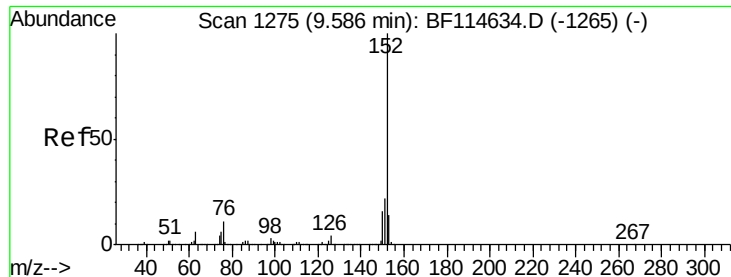
#46
1,1'-Biphenyl
Concen: 3.432 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Tgt Ion:154 Resp: 126726
Ion Ratio Lower Upper
154 100
153 40.2 23.0 63.0
76 13.0 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: 16.414 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

Instrument :

BNA_F

ClientSampleId :

TRIANGLE

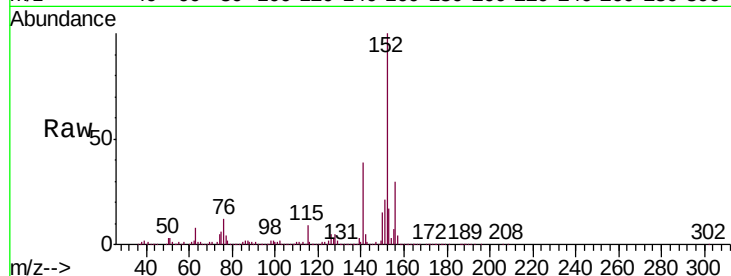
Tgt Ion:152 Resp: 768021

Ion Ratio Lower Upper

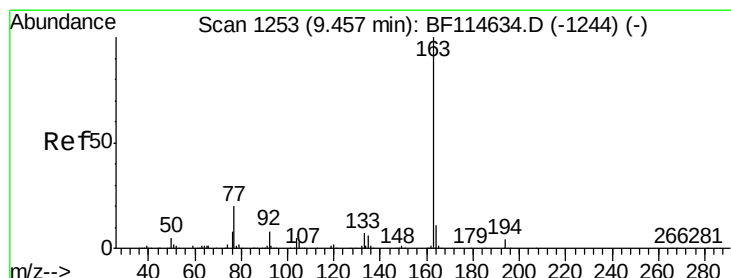
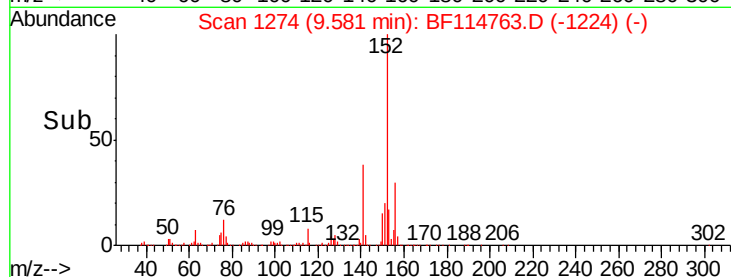
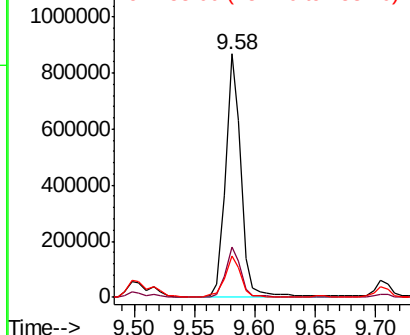
152 100

151 20.6 17.5 26.3

153 17.2 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: 9.347 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

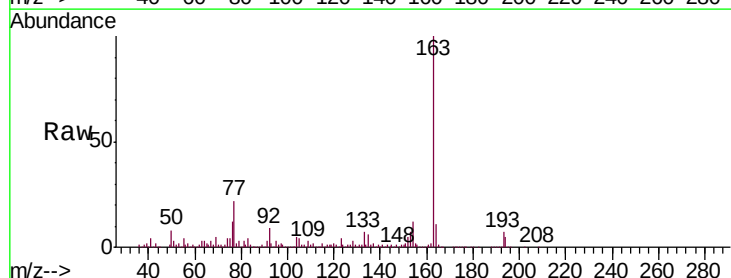
Tgt Ion:163 Resp: 323972

Ion Ratio Lower Upper

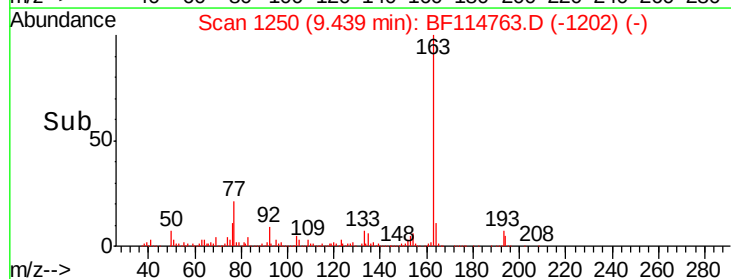
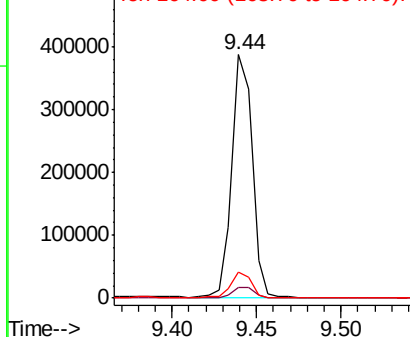
163 100

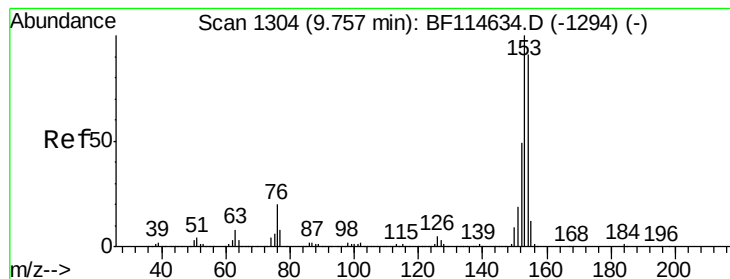
194 4.6 3.4 5.0

164 10.7 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: 19.806 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

Instrument :

BNA_F

ClientSampleId :

TRIANGLE

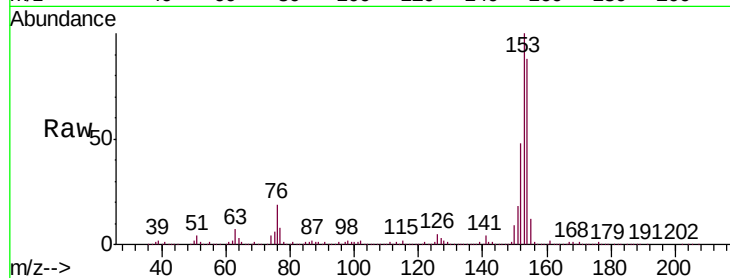
Tgt Ion:154 Resp: 568329

Ion Ratio Lower Upper

154 100

153 113.2 88.4 132.6

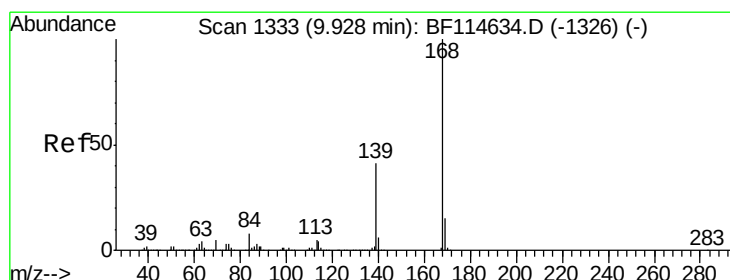
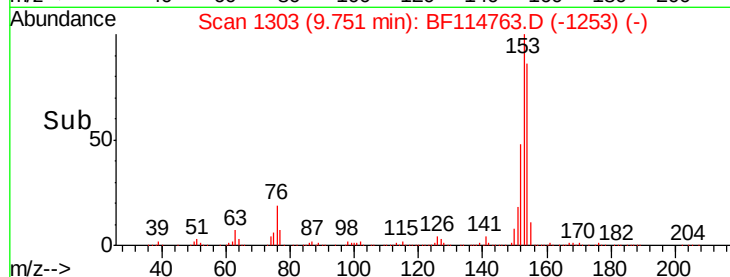
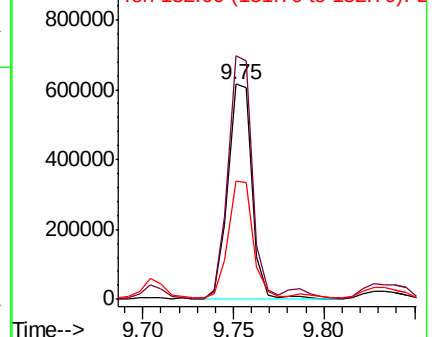
152 54.7 43.4 65.0



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



#55

Dibenzofuran

Concen: 8.110 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

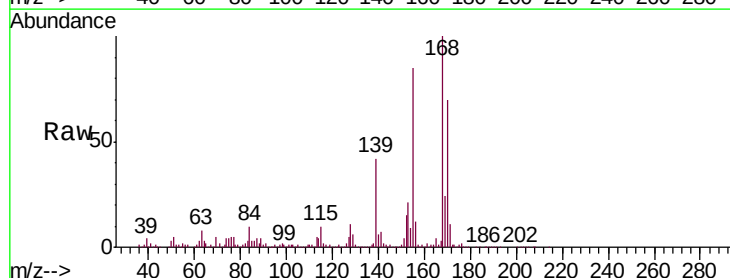
Tgt Ion:168 Resp: 331252

Ion Ratio Lower Upper

168 100

139 42.4 32.6 48.8

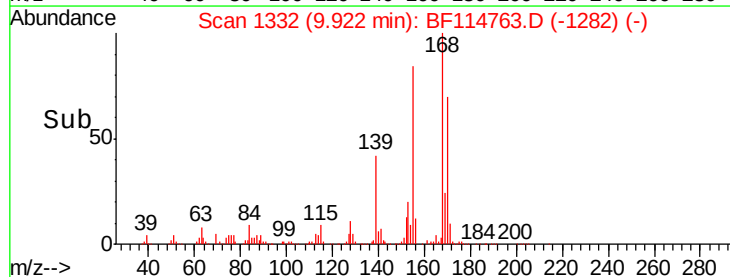
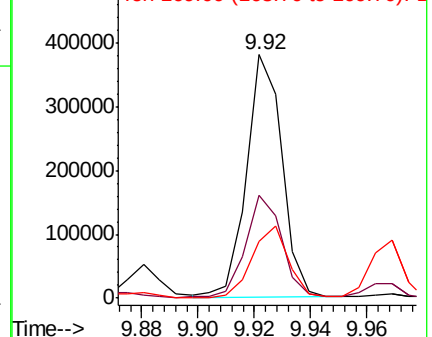
169 23.6 11.8 17.8#

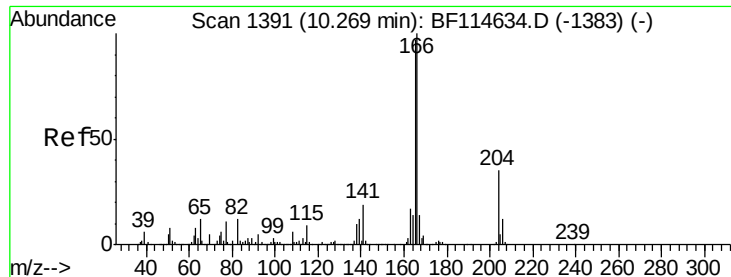


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

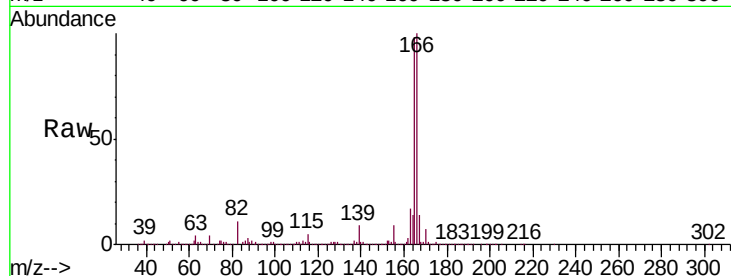




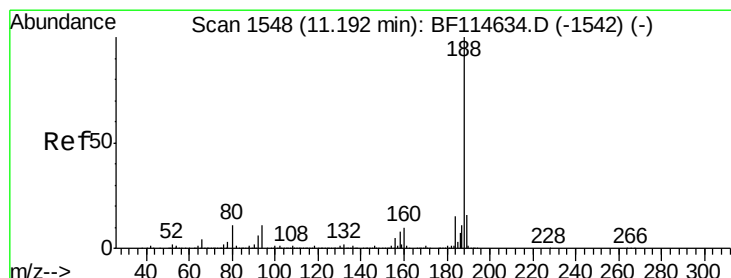
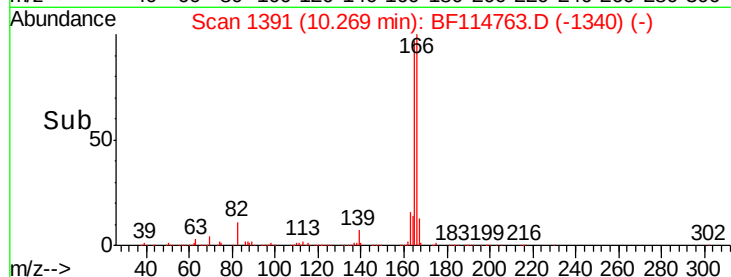
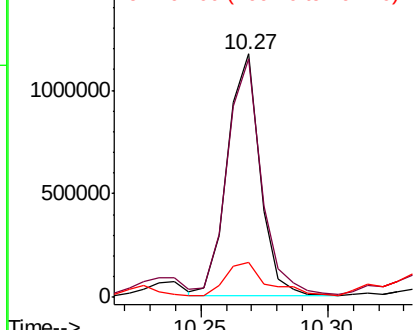
#58
 Fluorene
 Concen: 36.754 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF114763.D
 Acq: 1 Jun 2019 17:59

Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE

Tgt Ion:166 Resp: 1045118
 Ion Ratio Lower Upper
 166 100
 165 98.0 77.6 116.4
 167 14.2 11.2 16.8

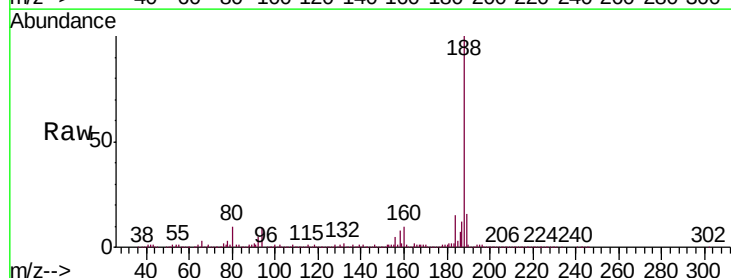


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

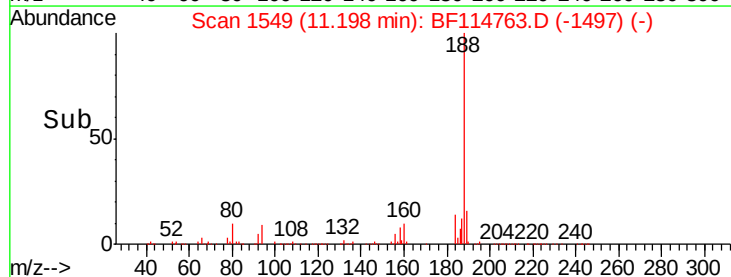
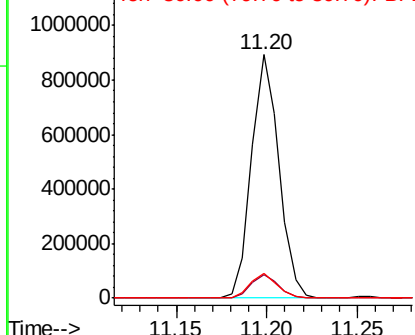


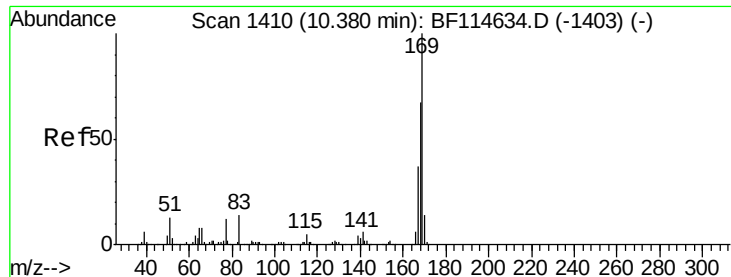
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF114763.D
 Acq: 1 Jun 2019 17:59

Tgt Ion:188 Resp: 935911
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.6 13.0
 80 10.1 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

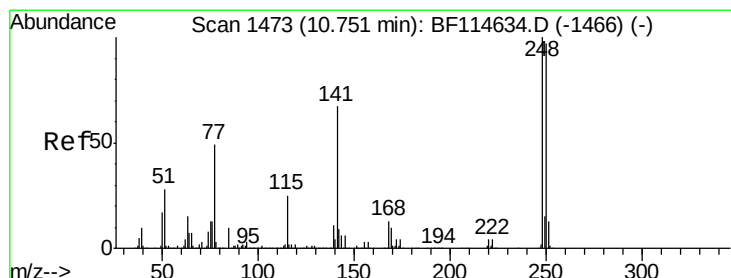
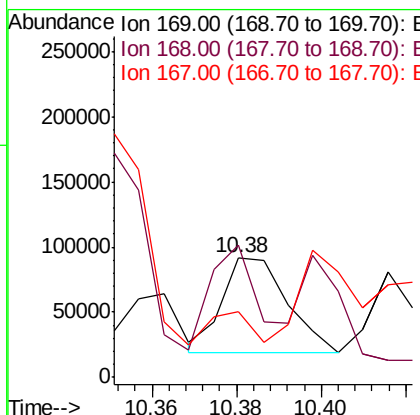
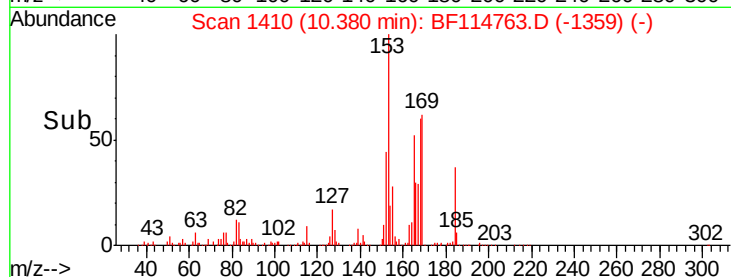
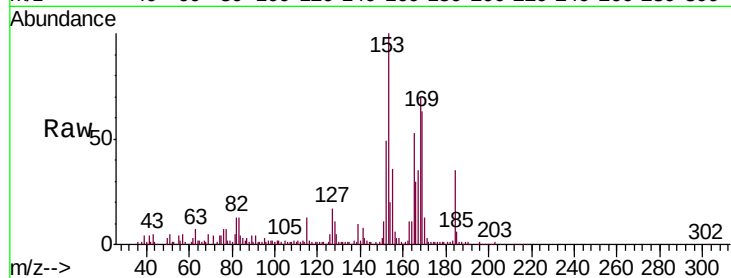




#66
 n-Nitrosodiphenylamine
 Concen: 2.797 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF114763.D
 Acq: 1 Jun 2019 17:59

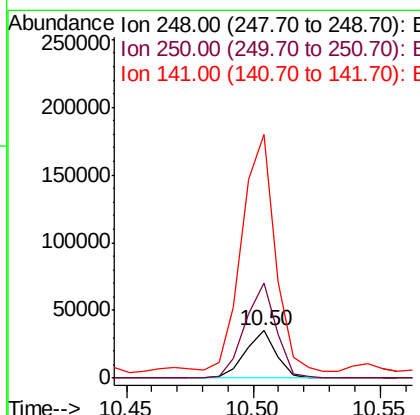
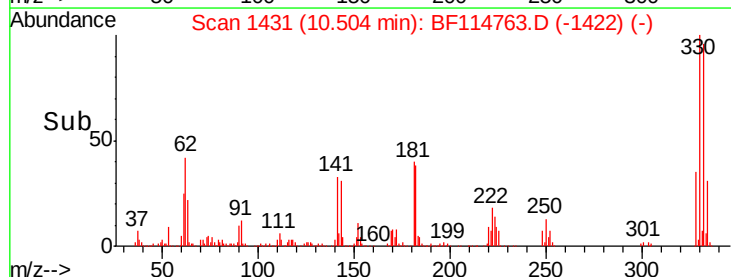
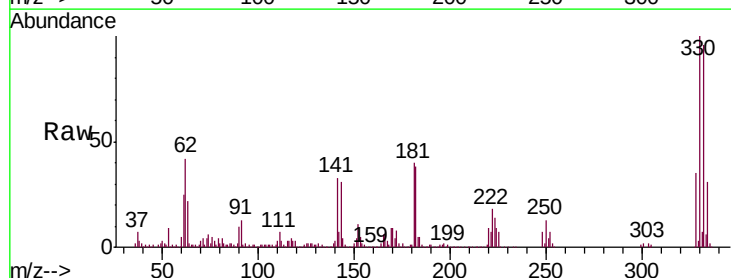
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE

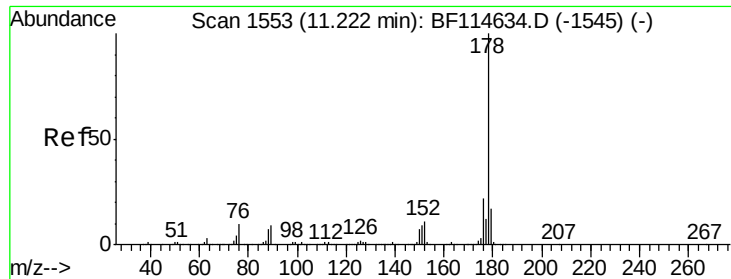
Tgt Ion:169 Resp: 77355
 Ion Ratio Lower Upper
 169 100
 168 111.2 53.8 80.8#
 167 55.4 29.8 44.6#



#67
 4-Bromophenyl-phenylether
 Concen: 2.945 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF114763.D
 Acq: 1 Jun 2019 17:59

Tgt Ion:248 Resp: 29557
 Ion Ratio Lower Upper
 248 100
 250 201.3 78.0 117.0#
 141 512.6 53.8 80.8#

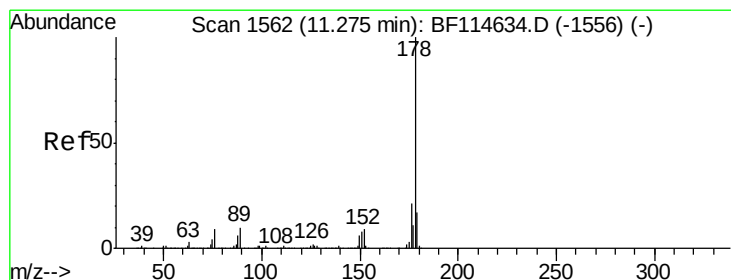
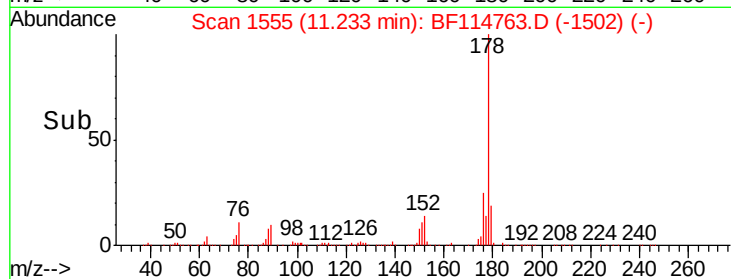
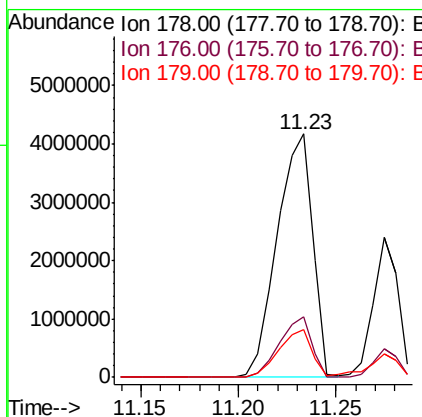
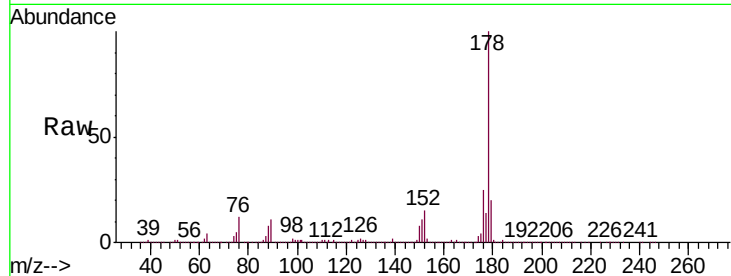




#71
Phenanthrene
Concen: 109.968 ng
RT: 11.23 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

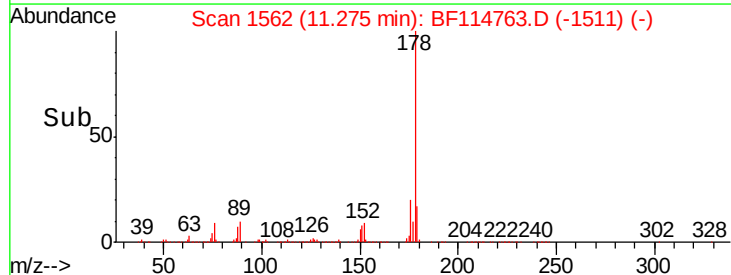
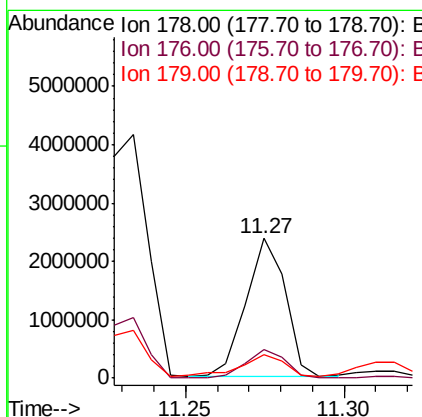
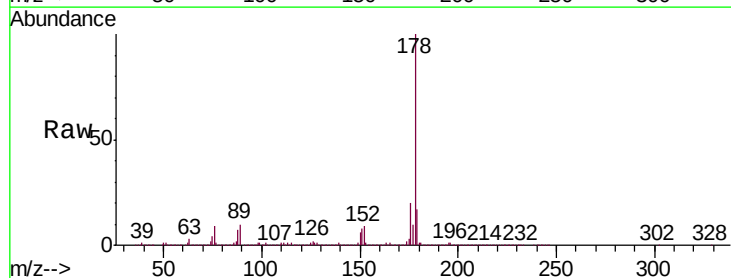
Instrument :
BNA_F
ClientSampleId :
TRIANGLE

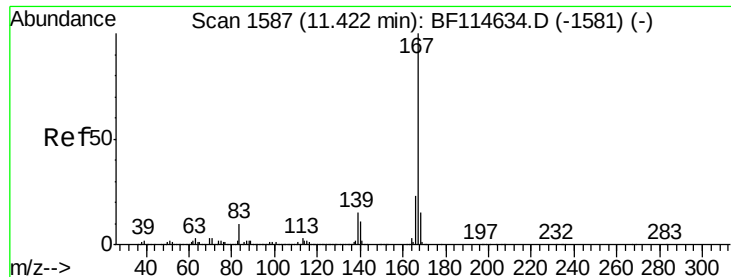
Tgt Ion:178 Resp: 5250119
Ion Ratio Lower Upper
178 100
176 24.6 17.2 25.8
179 19.8 13.9 20.9



#72
Anthracene
Concen: 42.134 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Tgt Ion:178 Resp: 2035897
Ion Ratio Lower Upper
178 100
176 20.2 16.6 24.8
179 17.0 13.4 20.0

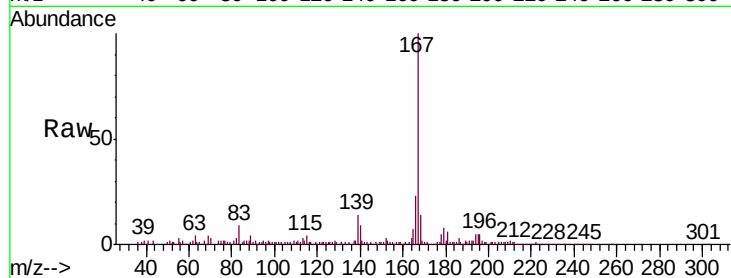




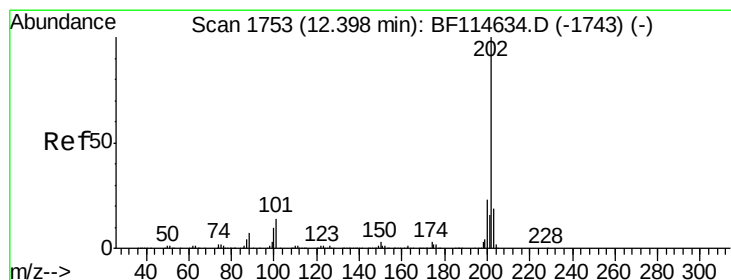
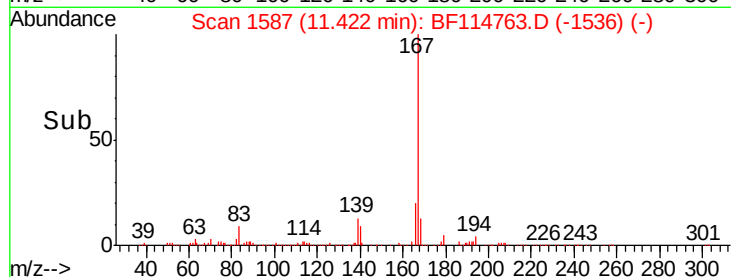
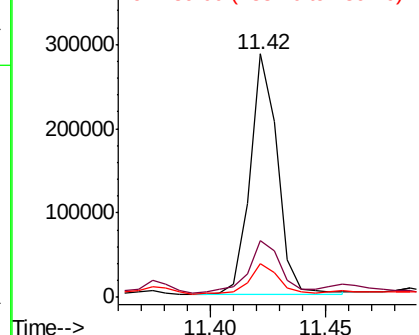
#73
 Carbazole
 Concen: 5.576 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF114763.D
 Acq: 1 Jun 2019 17:59

Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE

Tgt Ion:167 Resp: 236778
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.7 28.1
 139 14.0 11.8 17.8

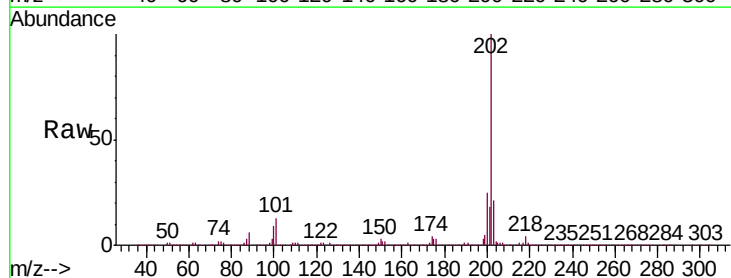


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

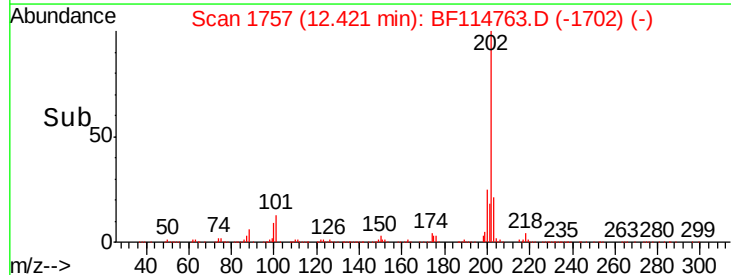
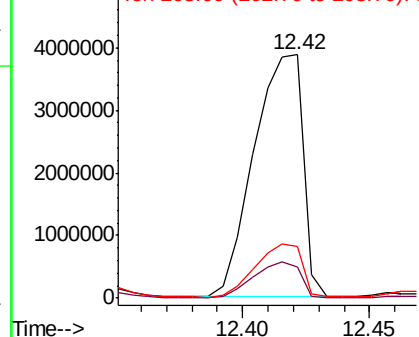


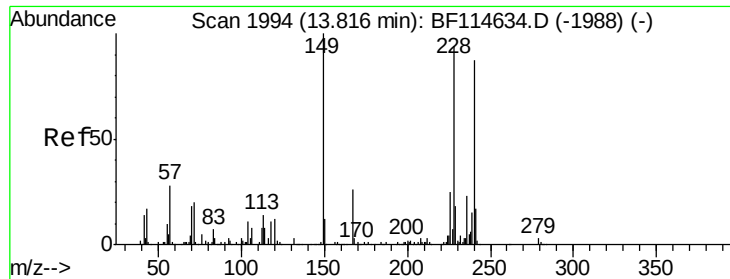
#75
 Fluoranthene
 Concen: 106.000 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. 0.02 min
 Lab File: BF114763.D
 Acq: 1 Jun 2019 17:59

Tgt Ion:202 Resp: 5240226
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 33.9
 203 21.1 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: 13.83 min Scan# 1997

Delta R.T. 0.02 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

Instrument :

BNA_F

ClientSampleId :

TRIANGLE

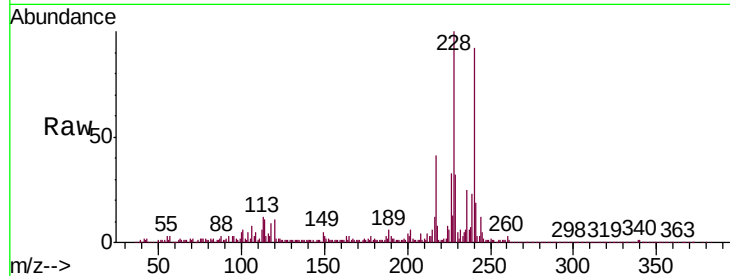
Tgt Ion:240 Resp: 674147

Ion Ratio Lower Upper

240 100

120 12.4 11.2 16.8

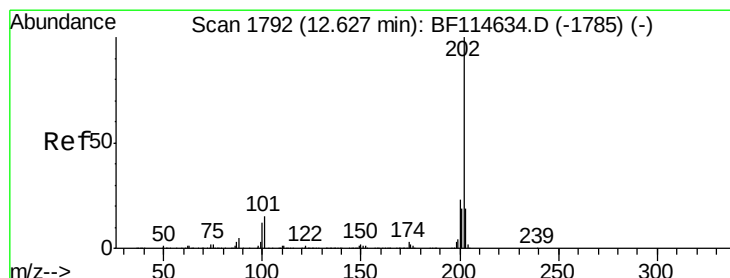
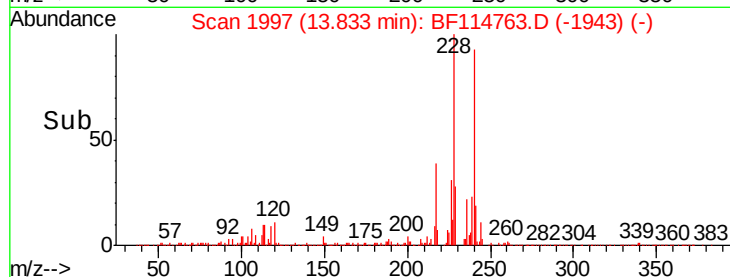
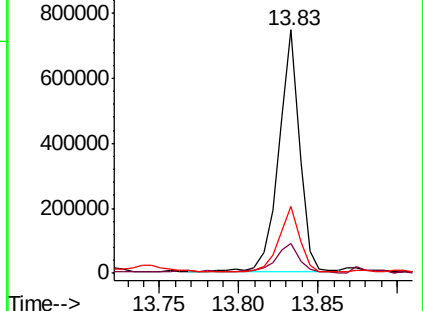
236 27.4 21.2 31.8



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

Pyrene

Concen: 105.234 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.02 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

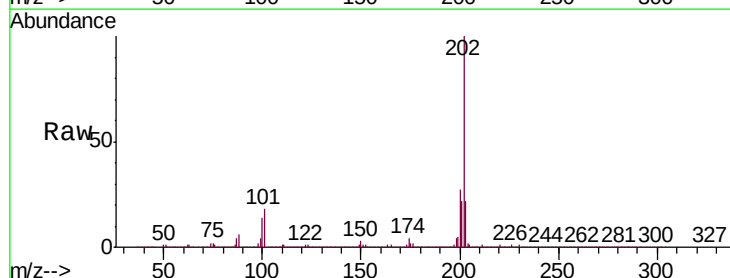
Tgt Ion:202 Resp: 6001257

Ion Ratio Lower Upper

202 100

200 26.9 18.6 28.0

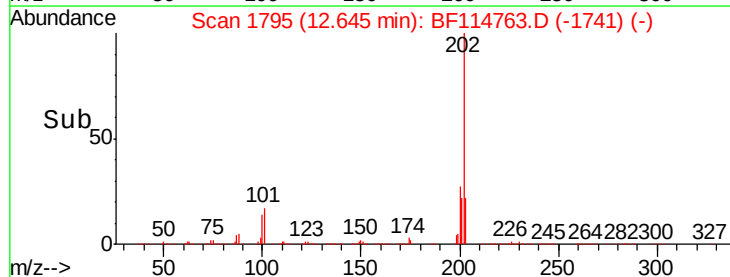
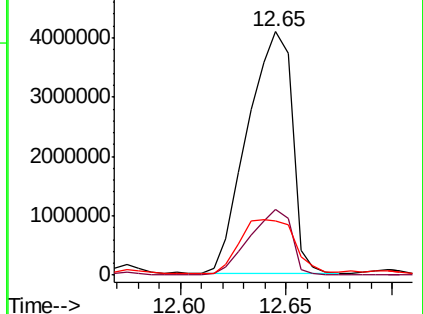
203 22.3 15.4 23.2

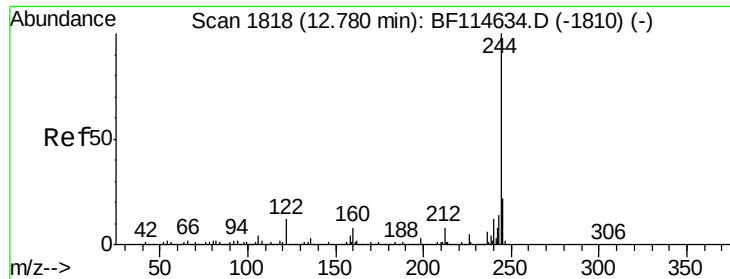


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

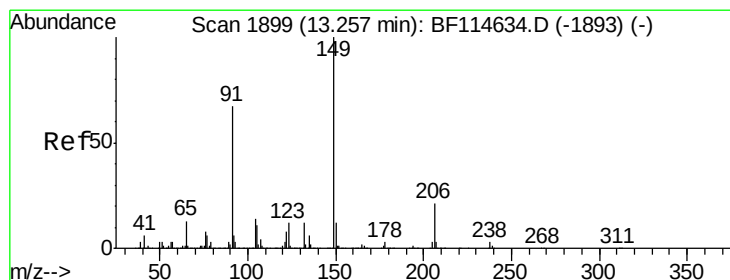
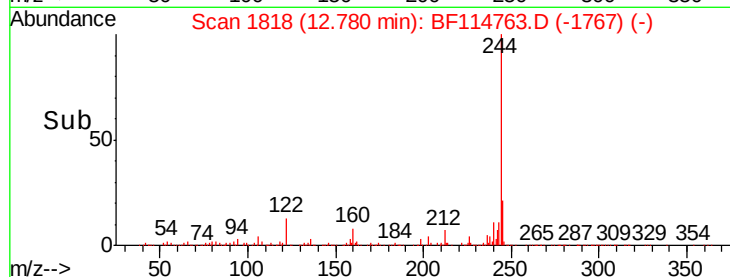
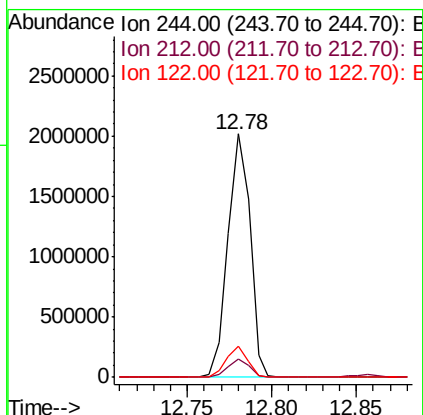
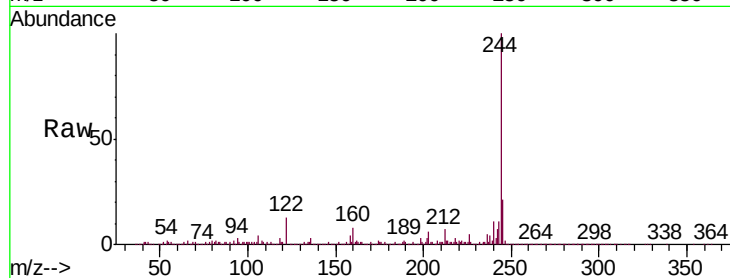




#79
 Terphenyl-d14
 Concen: 51.303 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BF114763.D
 Acq: 1 Jun 2019 17:59

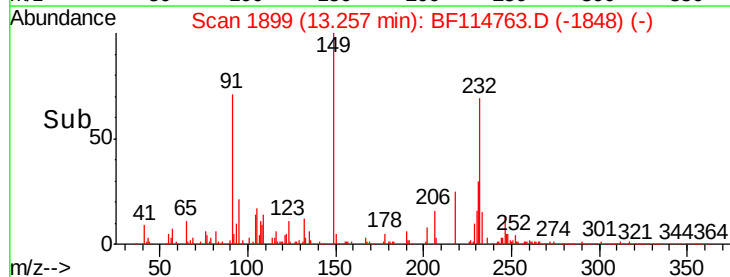
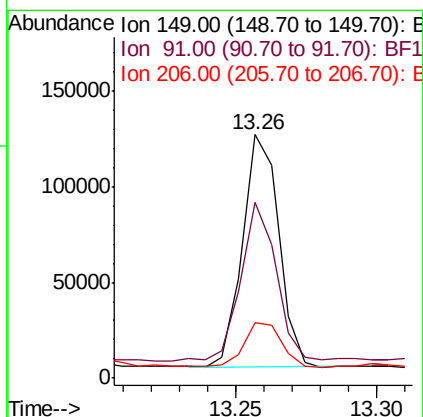
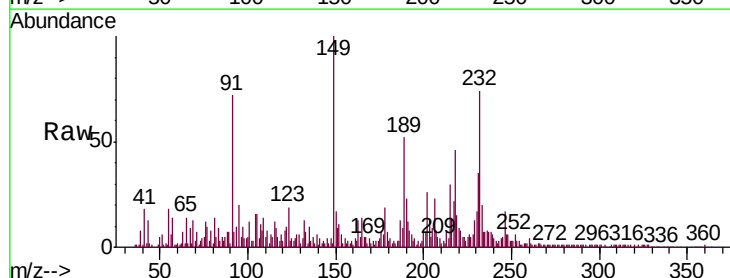
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE

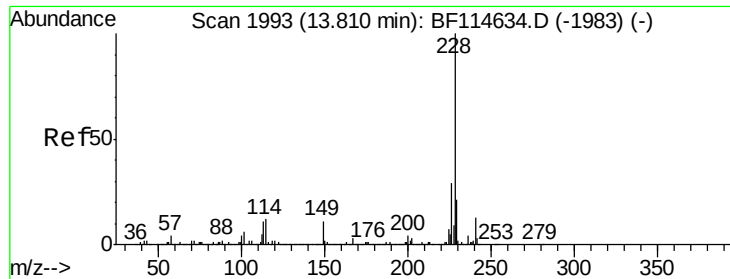
Tgt Ion:244 Resp: 1839533
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 12.9 9.8 14.8



#80
 Butylbenzylphthalate
 Concen: 3.754 ng
 RT: 13.26 min Scan# 1899
 Delta R.T. -0.00 min
 Lab File: BF114763.D
 Acq: 1 Jun 2019 17:59

Tgt Ion:149 Resp: 107592
 Ion Ratio Lower Upper
 149 100
 91 72.4 53.8 80.8
 206 22.7 16.9 25.3

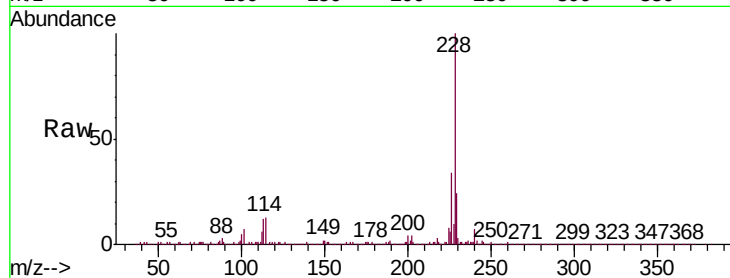




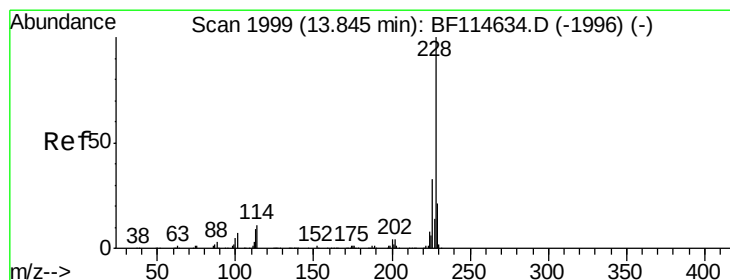
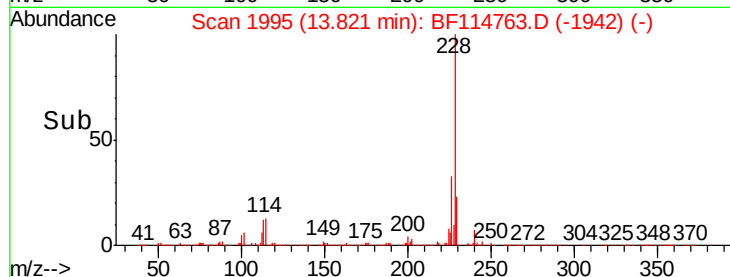
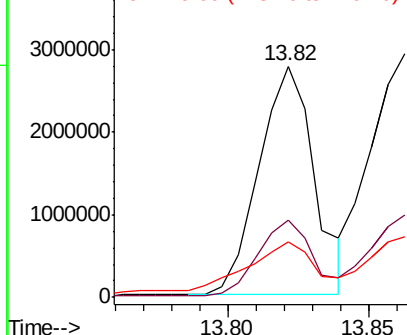
#81
Benzo(a)anthracene
Concen: 72.803 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Instrument :
BNA_F
ClientSampleId :
TRIANGLE

Tgt Ion:228 Resp: 3771617
Ion Ratio Lower Upper
228 100
226 33.6 23.0 34.6
229 24.0 17.0 25.4

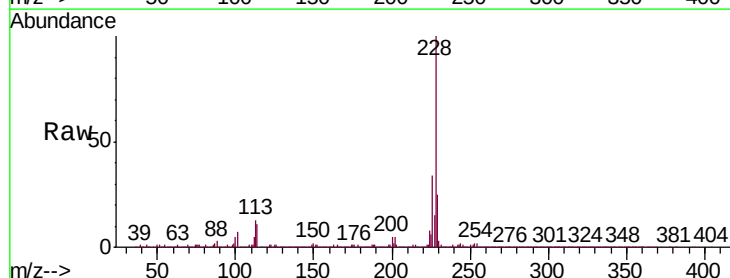


Abundance Ion 228.00 (227.70 to 228.70): E
4000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

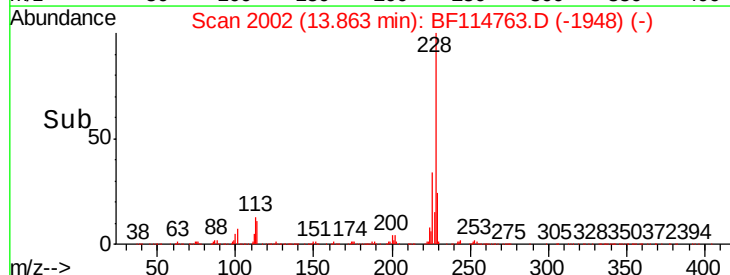
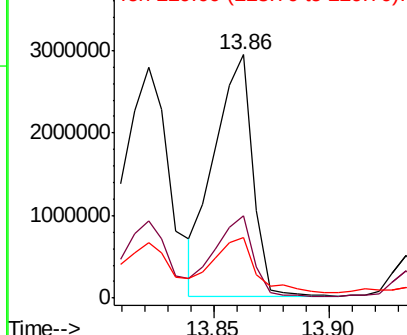


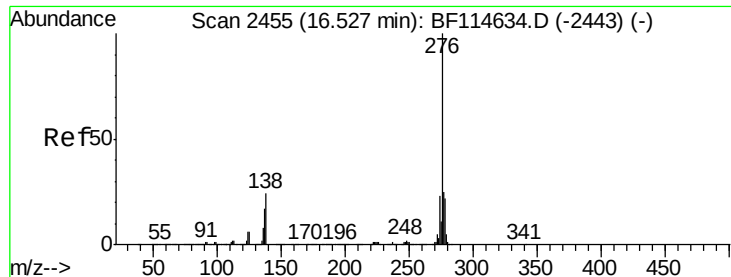
#83
Chrysene
Concen: 68.102 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.02 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Tgt Ion:228 Resp: 3370804
Ion Ratio Lower Upper
228 100
226 34.1 26.4 39.6
229 25.1 17.1 25.7



Abundance Ion 228.00 (227.70 to 228.70): E
4000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#86

Indeno(1,2,3-cd)pyrene

Concen: 23.903 ng

RT: 16.55 min Scan# 2459

Delta R.T. 0.02 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

Instrument :

BNA_F

ClientSampleId :

TRIANGLE

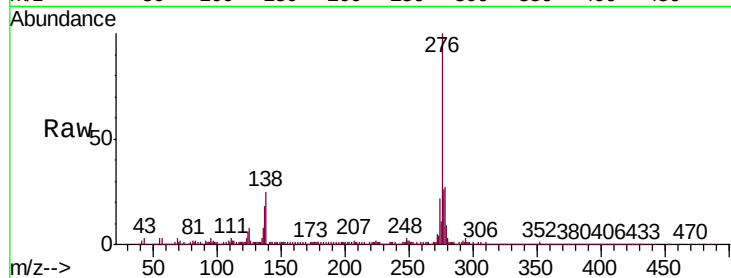
Tgt Ion:276 Resp: 1184965

Ion Ratio Lower Upper

276 100

138 25.6 23.0 34.6

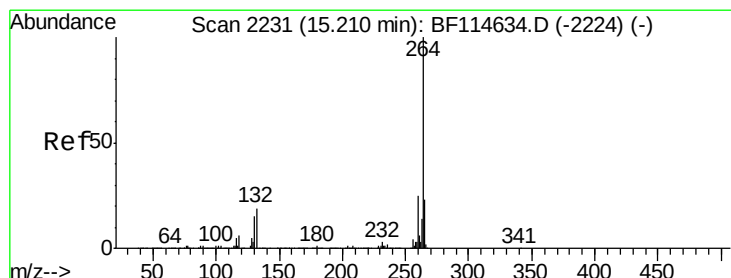
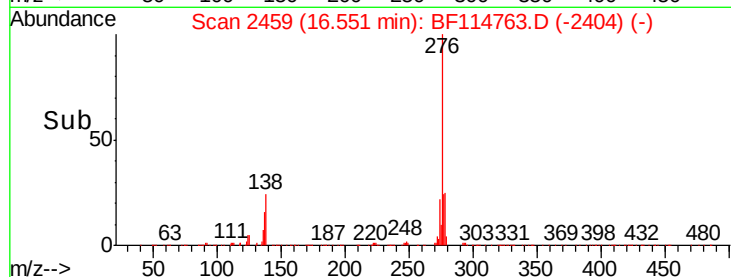
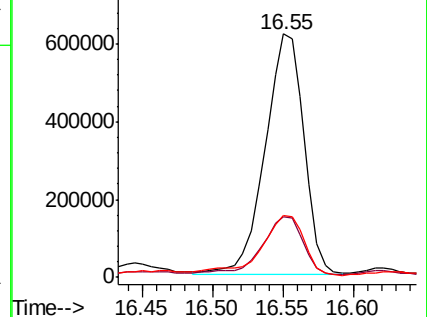
277 28.2 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

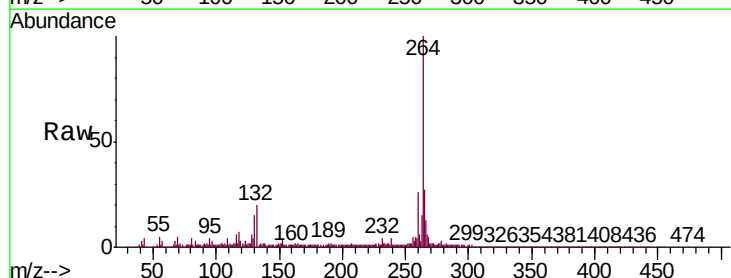
Tgt Ion:264 Resp: 666298

Ion Ratio Lower Upper

264 100

260 25.6 19.7 29.5

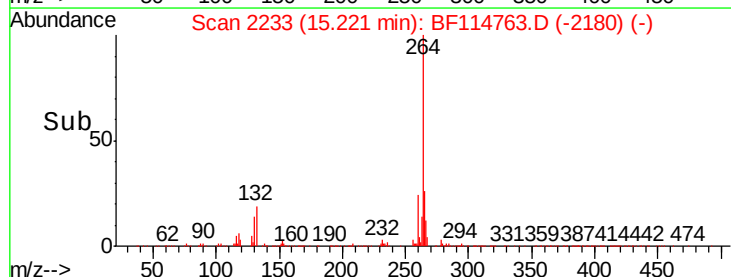
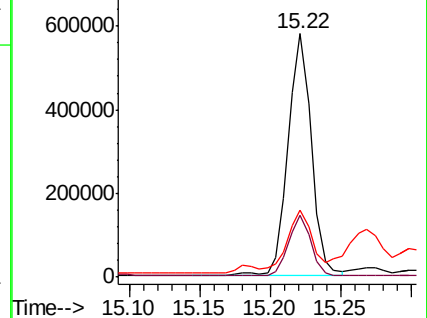
265 27.4 18.1 27.1#

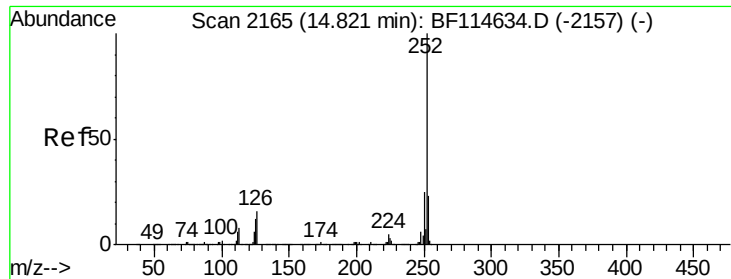


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 99.242 ng

RT: 14.84 min Scan# 2168

Delta R.T. 0.02 min

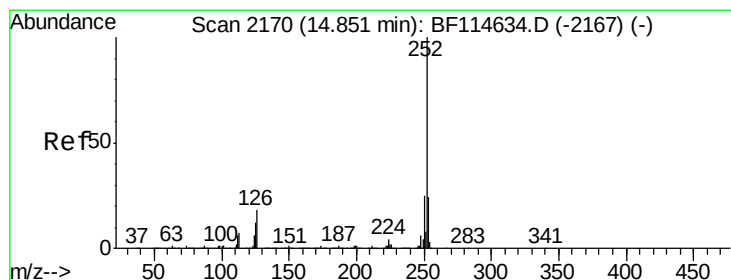
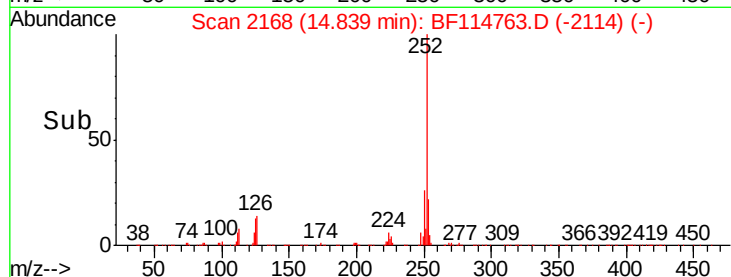
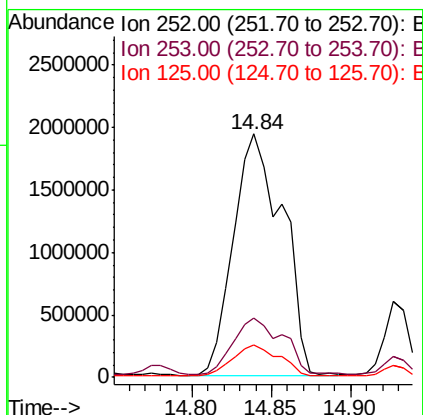
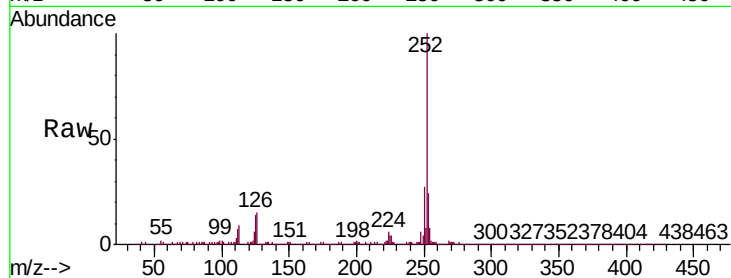
Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

Instrument :
BNA_F
ClientSampleId :
TRIANGLE

Tgt Ion:252 Resp: 4164784

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.7	28.1
125	13.6	9.4	14.2



#89

Benzo(k)fluoranthene

Concen: 114.179 ng

RT: 14.84 min Scan# 2168

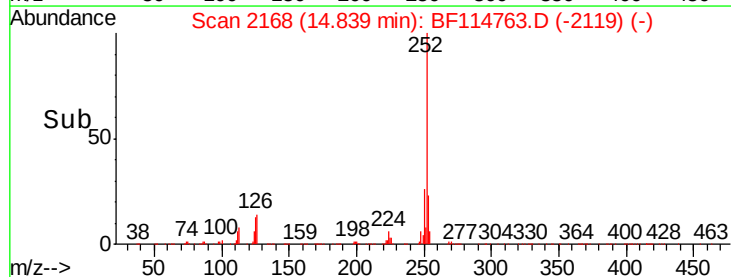
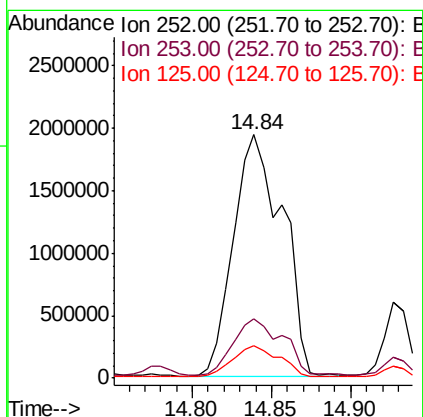
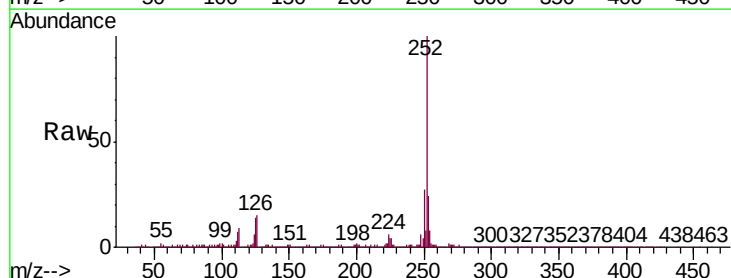
Delta R.T. -0.01 min

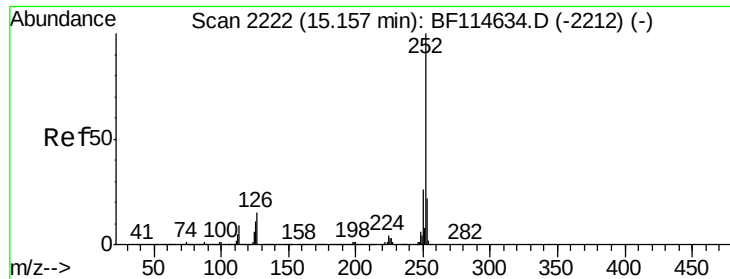
Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

Tgt Ion:252 Resp: 4164784

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.9	28.3
125	13.6	9.5	14.3





#90

Benzo(a)pyrene

Concen: 63.956 ng

RT: 15.17 min Scan# 2224

Delta R.T. 0.01 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

Instrument :

BNA_F

ClientSampleId :

TRIANGLE

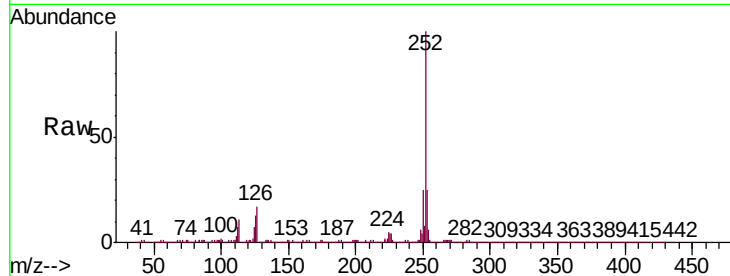
Tgt Ion:252 Resp: 2357852

Ion Ratio Lower Upper

252 100

253 24.7 18.0 27.0

125 13.1 9.2 13.8

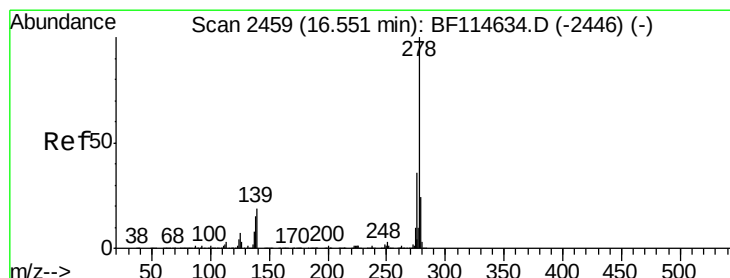
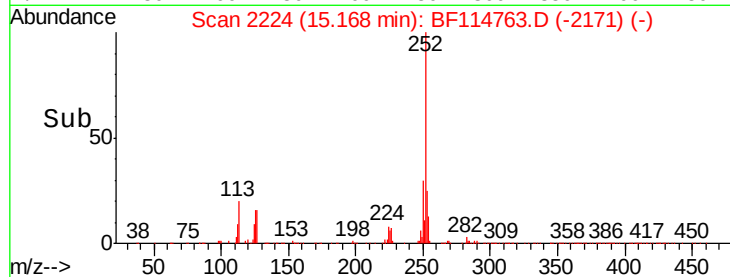
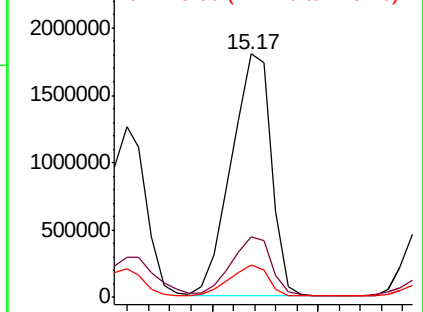


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 10.958 ng

RT: 16.56 min Scan# 2461

Delta R.T. 0.01 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

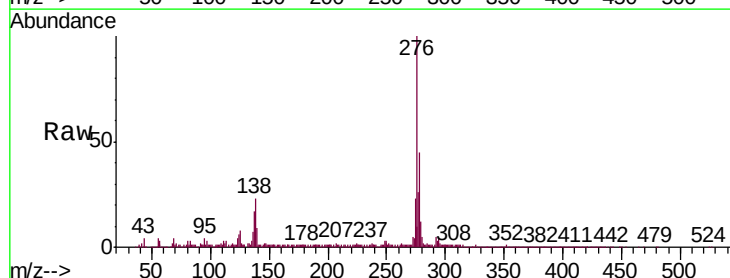
Tgt Ion:278 Resp: 356996

Ion Ratio Lower Upper

278 100

139 20.6 14.9 22.3

279 27.8 19.5 29.3

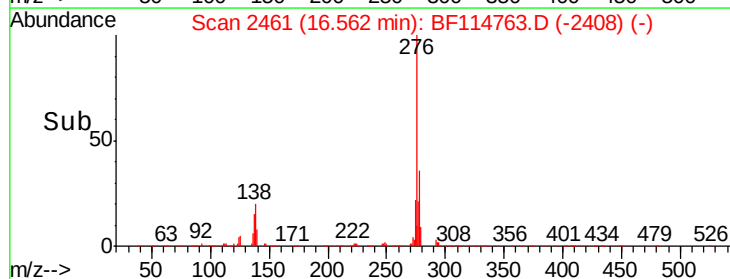
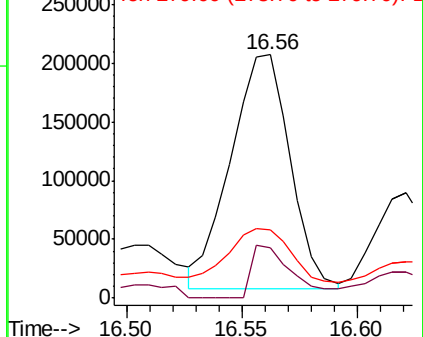


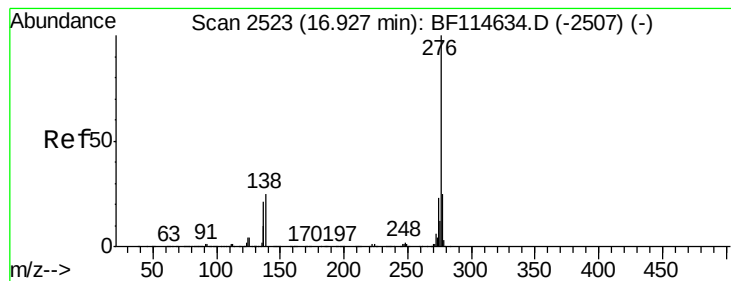
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 35.721 ng

RT: 16.95 min Scan# 2527

Delta R.T. 0.02 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

Instrument :

BNA_F

ClientSampleId :

TRIANGLE

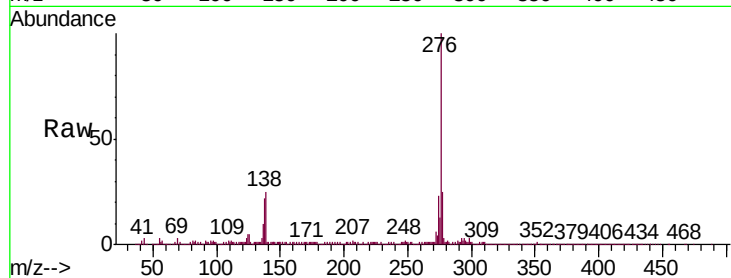
Tgt Ion: 276 Resp: 1129442

Ion Ratio Lower Upper

276 100

277 25.2 19.7 29.5

138 25.1 19.8 29.8



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

