

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
 Data File : BF114643.D
 Acq On : 29 May 2019 20:03
 Operator : HP/JU
 Sample : K3041-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-D

Quant Time: May 30 04:25:01 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	6.69	152	306404	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1176350	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	593111	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1199902	20.00	ng	0.00
76) Chrysene-d12	13.82	240	913793	20.00	ng	0.00
87) Perylene-d12	15.20	264	850333	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2117238	121.32	ng	0.00
7) Phenol-d6	6.33	99	2604994	123.87	ng	0.00
23) Nitrobenzene-d5	7.25	82	1630307	86.47	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	700582	123.97	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2358930	72.33	ng	0.00
79) Terphenyl-d14	12.77	244	2546120	52.39	ng	0.00

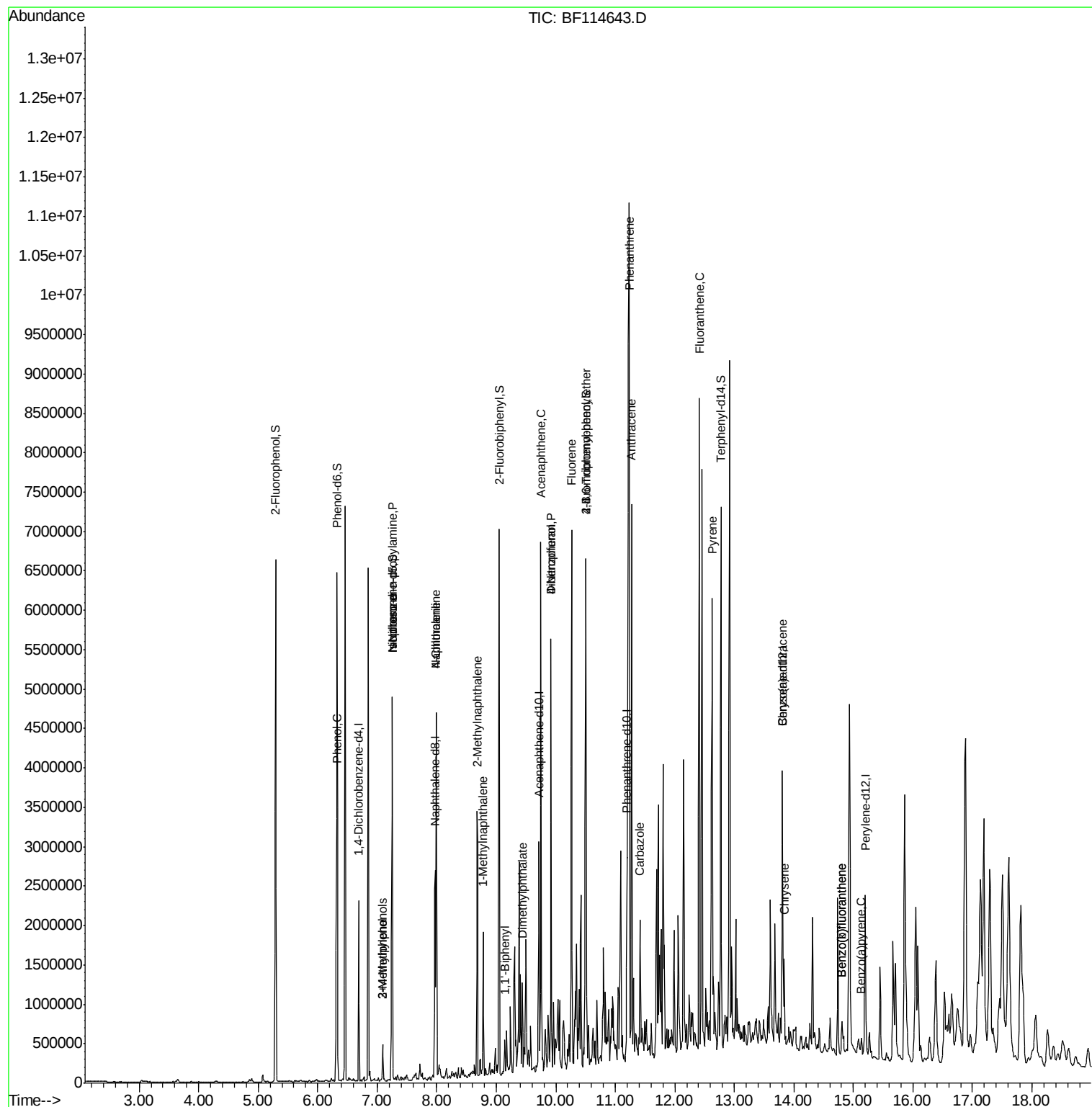
Target Compounds				Qvalue		
9) Benzaldehyde	6.23	77	8305	Below Cal	#	80
10) Phenol	6.34	94	63909	2.516	ng	86
17) 2-Methylphenol	7.09	107	92243	5.411	ng	# 72
19) n-Nitroso-di-n-propylamine	7.25	70	225709	15.549	ng	# 77
20) 3+4-Methylphenols	7.09	107	92243	4.601	ng	# 55
25) Isophorone	7.25	82	1560046	41.228	ng	# 63
31) Naphthalene	7.99	128	1955568	36.091	ng	98
33) 4-Chloroaniline	7.99	127	270291	10.470	ng	# 33
37) 2-Methylnaphthalene	8.68	142	911091	25.307	ng	99
38) 1-Methylnaphthalene	8.78	142	435005	12.753	ng	99
46) 1,1'-Biphenyl	9.15	154	95110	2.160	ng	96
50) Dimethylphthalate	9.44	163	384113	9.294	ng	98
52) Acenaphthene	9.75	154	1483619	43.359	ng	100
55) Dibenzofuran	9.92	168	1862404	38.237	ng	99
56) 4-Nitrophenol	9.92	139	730098	83.823	ng	# 17
58) Fluorene	10.27	166	2138500	80.316	ng	99
61) 4-Chlorophenyl-phenylether	10.21	204	371	Below Cal	#	1
67) 4-Bromophenyl-phenylether	10.50	248	45118	3.506	ng	# 1
69) Atrazine	10.93	200	800	Below Cal	#	11
71) Phenanthrene	11.23	178	6522496	106.561	ng	95
72) Anthracene	11.27	178	2405425	38.829	ng	99
73) Carbazole	11.42	167	661744	12.154	ng	97
74) Di-n-butylphthalate	11.77	149	8383	Below Cal	#	1
75) Fluoranthene	12.41	202	3278310	51.724	ng	98
78) Pyrene	12.63	202	2443910	31.616	ng	99
81) Benzo(a)anthracene	13.80	228	499028	7.106	ng	99
83) Chrysene	13.84	228	438313	6.533	ng	95
88) Benzo(b)fluoranthene	14.81	252	210605	3.932	ng	# 96
89) Benzo(k)fluoranthene	14.81	252	210605	4.524	ng	96
90) Benzo(a)pyrene	15.14	252	97135	2.065	ng	98

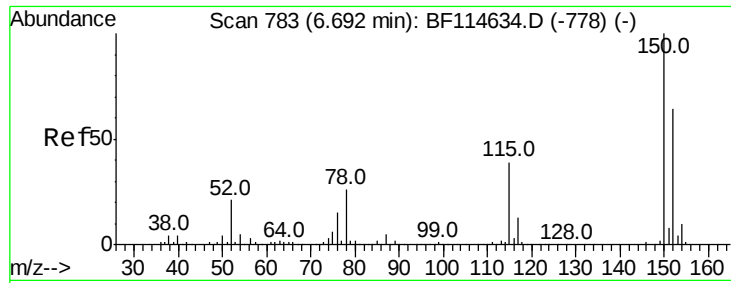
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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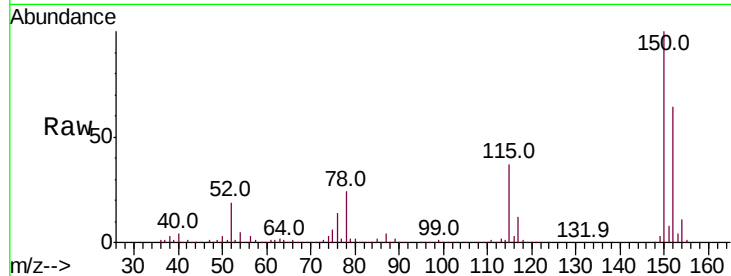


#1

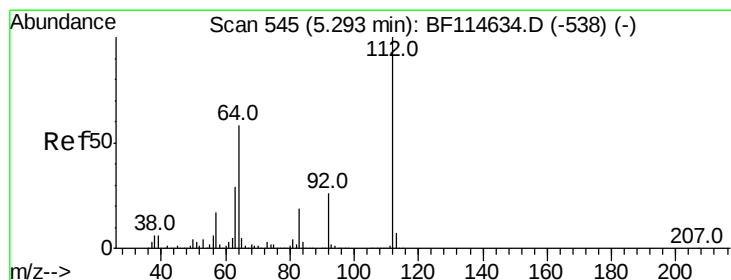
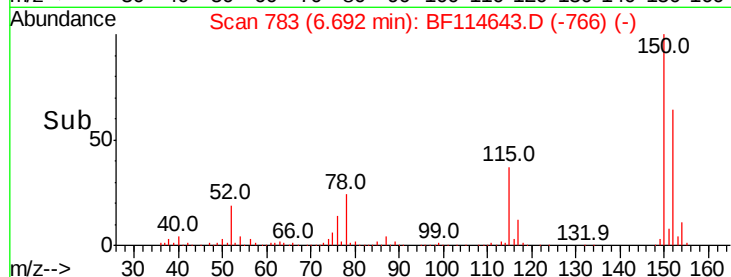
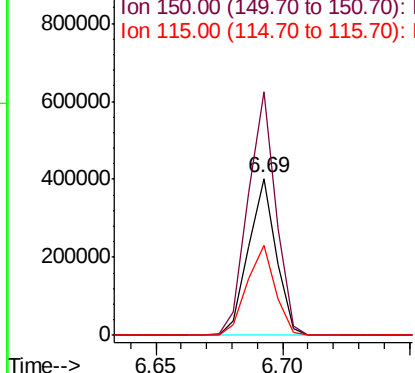
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114643.D
Acq: 29 May 2019 20:03

Instrument :
BNA_F
ClientSampleId :
TP-2-D

Tot Ion:152 Resp: 306404
Ion Ratio Lower Upper
152 100
150 155.2 124.4 186.6
115 57.6 48.7 73.1



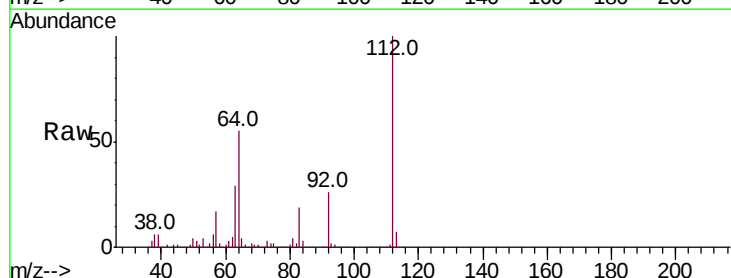
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



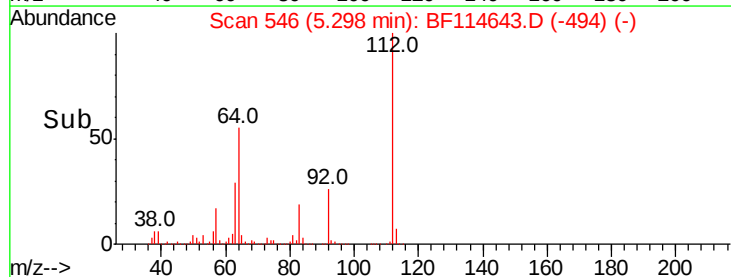
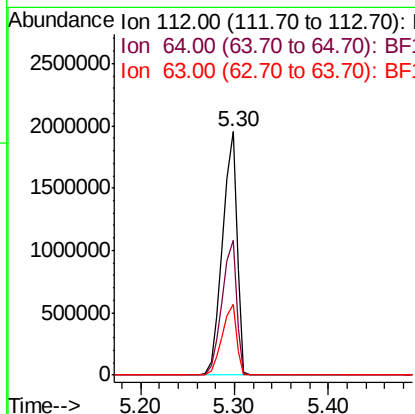
#5

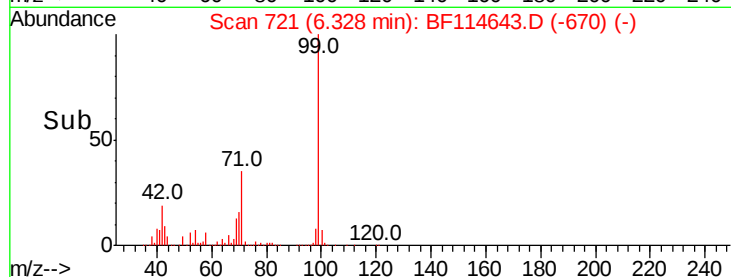
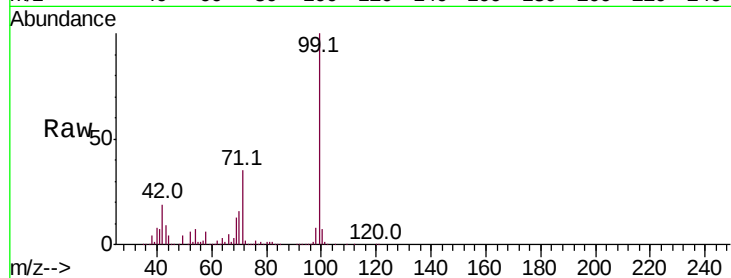
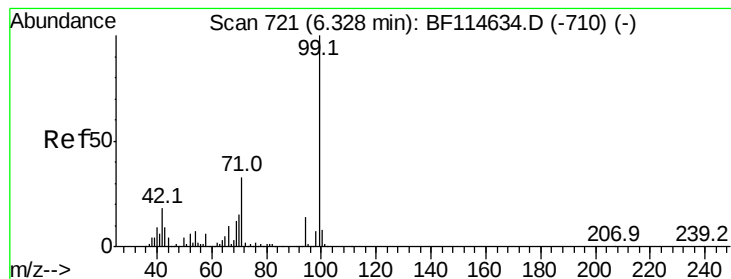
2-Fluorophenol
Concen: 121.319 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF114643.D
Acq: 29 May 2019 20:03

Tgt Ion:112 Resp: 2117238
Ion Ratio Lower Upper
112 100
64 55.4 46.1 69.1
63 29.3 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: 123.870 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

Instrument :

BNA_F

ClientSampleId :

TP-2-D

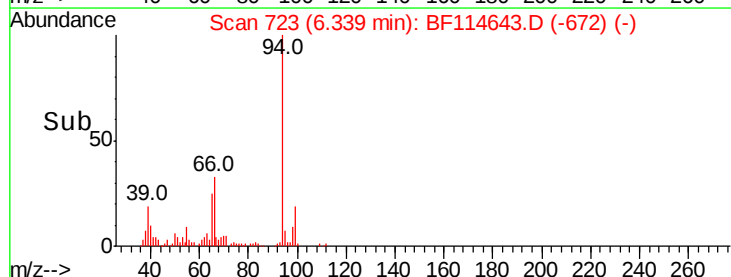
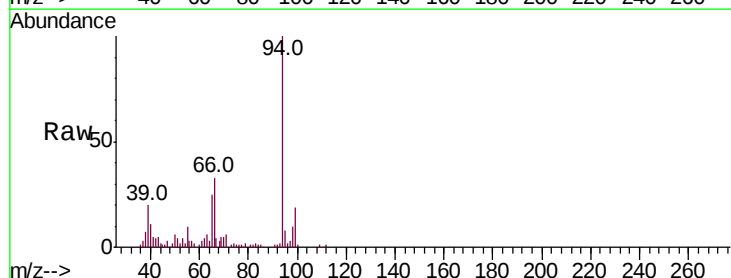
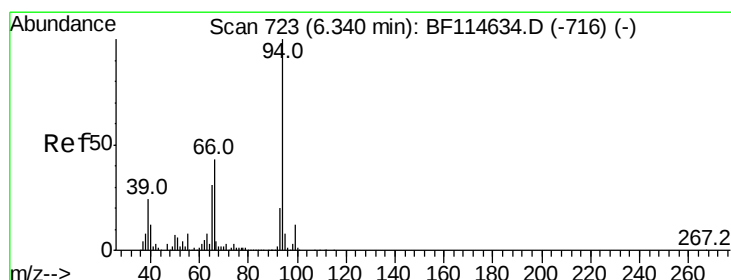
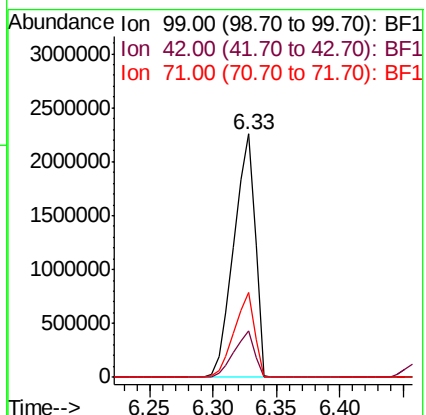
Tot Ion: 99 Resp: 2604994

Ion Ratio Lower Upper

99 100

42 18.9 14.7 22.1

71 35.1 26.6 40.0



#10

Phenol

Concen: 2.516 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

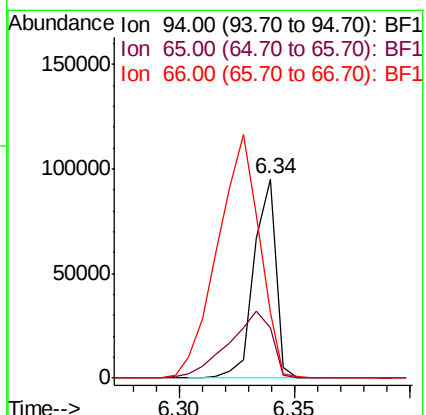
Tgt Ion: 94 Resp: 63909

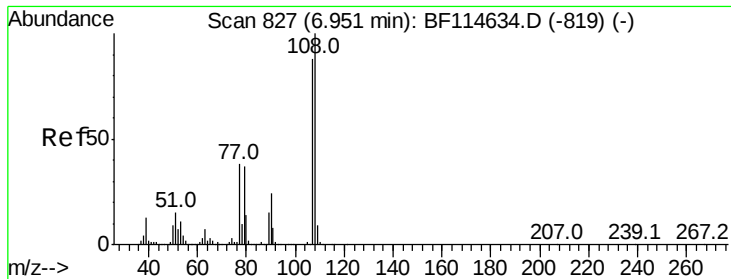
Ion Ratio Lower Upper

94 100

65 25.2 11.0 51.0

66 33.0 23.0 63.0





#17

2-Methylphenol

Concen: 5.411 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.14 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

Instrument :

BNA_F

ClientSampleId :

TP-2-D

Tot Ion:107 Resp: 92243

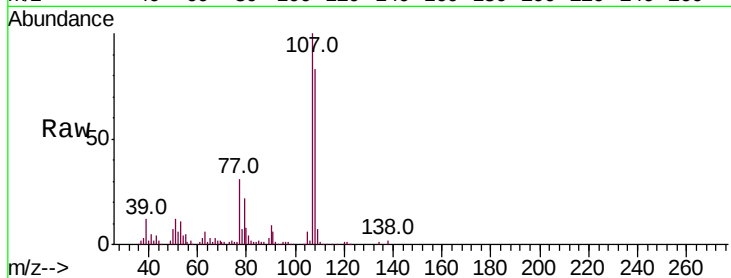
Ion Ratio Lower Upper

107 100

108 82.9 91.1 136.7#

77 30.5 34.9 52.3#

79 22.0 33.8 50.6#

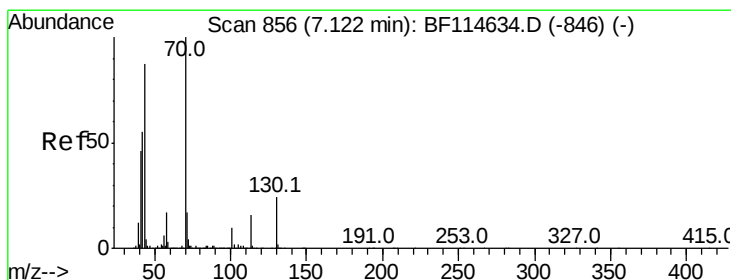
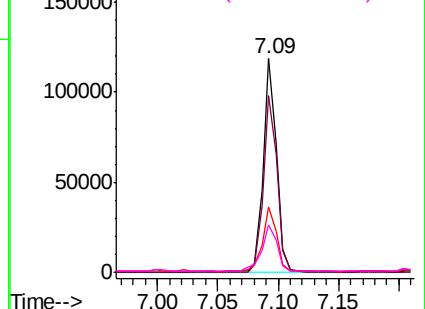
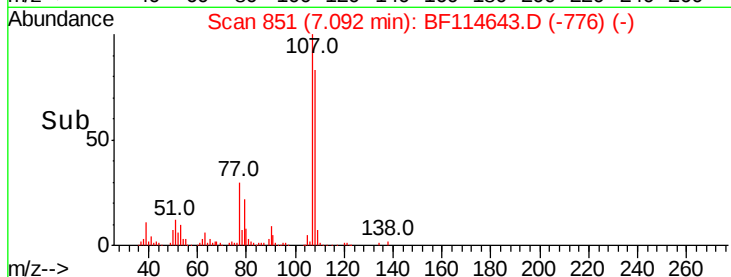


Abundance Ion 107.00 (106.70 to 107.70): E

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



#19

n-Nitroso-di-n-propylamine

Concen: 15.549 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.13 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

Tgt Ion: 70 Resp: 225709

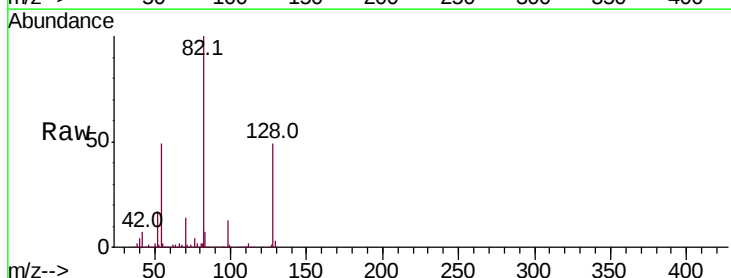
Ion Ratio Lower Upper

70 100

42 45.7 44.4 66.6

101 0.0 8.2 12.4#

130 2.5 19.4 29.0#

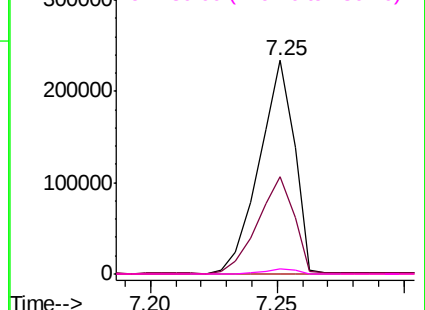
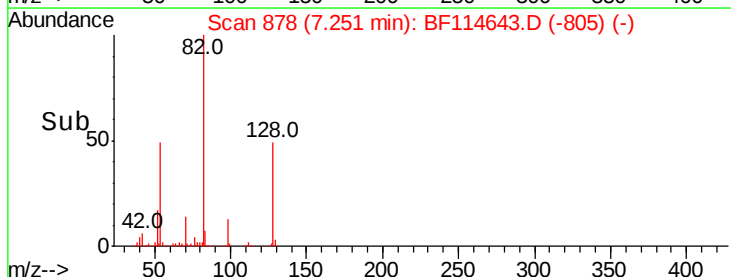


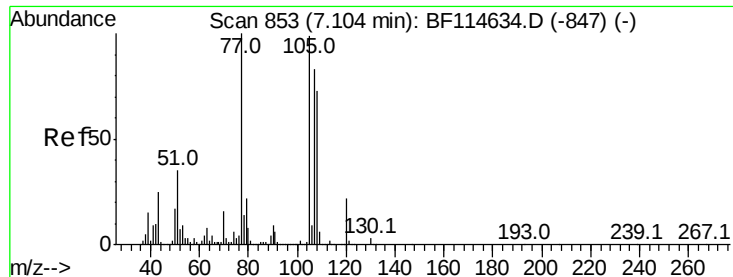
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

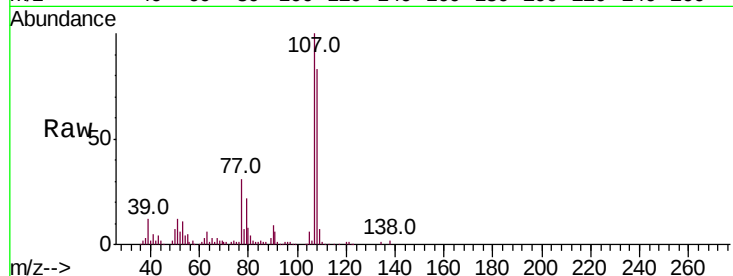




#20
3+4-Methylphenols
Concen: 4.601 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF114643.D
Acq: 29 May 2019 20:03

Instrument :
BNA_F
ClientSampleId :
TP-2-D

Tot Ion:	107	Resp:	92243
Ion	Ratio	Lower	Upper
107	100		
108	82.9	68.6	108.6
77	30.5	100.5	140.5#
79	22.0	7.0	47.0



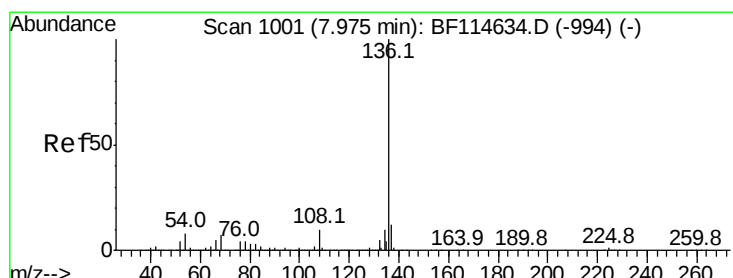
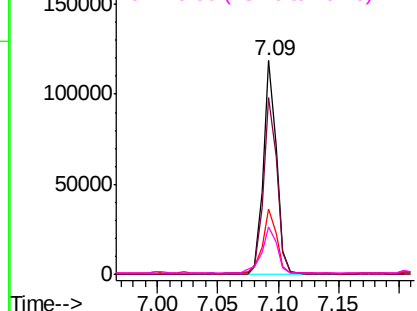
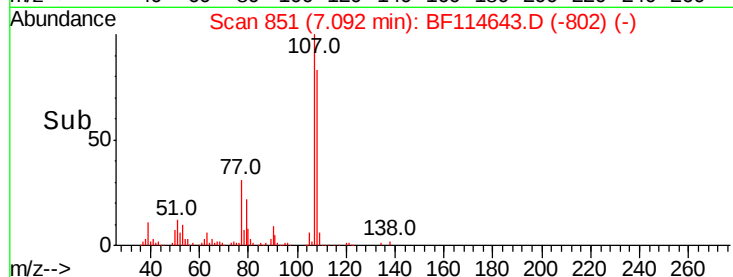
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

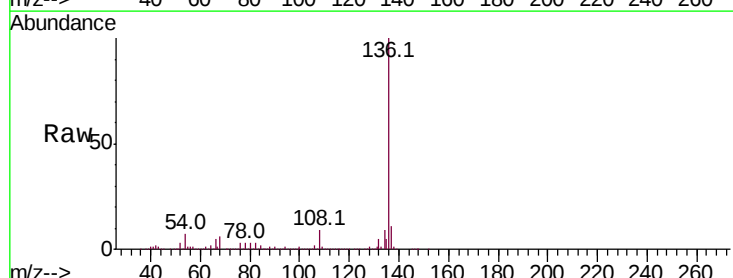
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114643.D
Acq: 29 May 2019 20:03

Tgt Ion:	136	Resp:	1176350
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	6.8	6.3	9.5
68	5.6	5.4	8.0



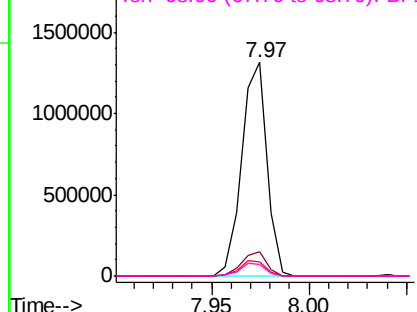
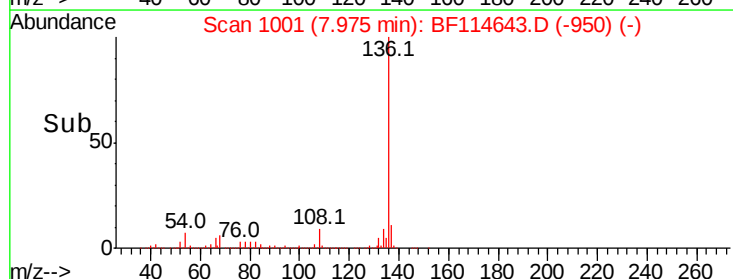
Abundance

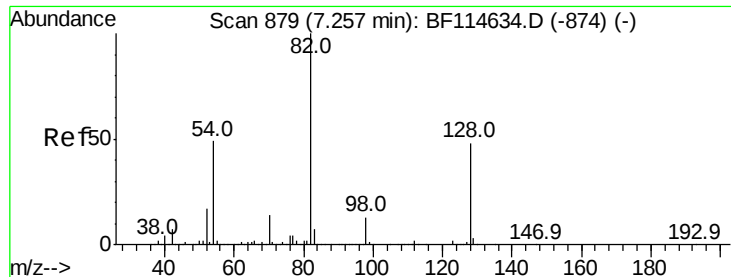
Ion 136.00 (135.70 to 136.70): E

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: 86.465 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

Instrument :

BNA_F

ClientSampled :

TP-2-D

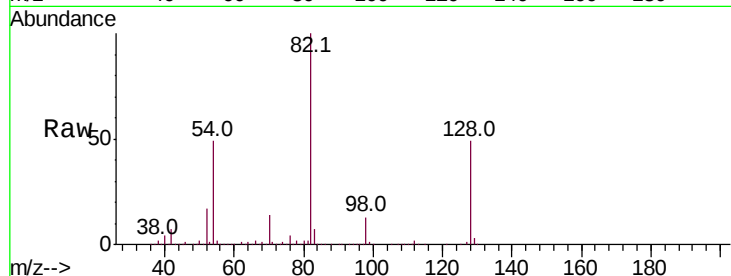
Tot Ion: 82 Resp: 1630307

Ion Ratio Lower Upper

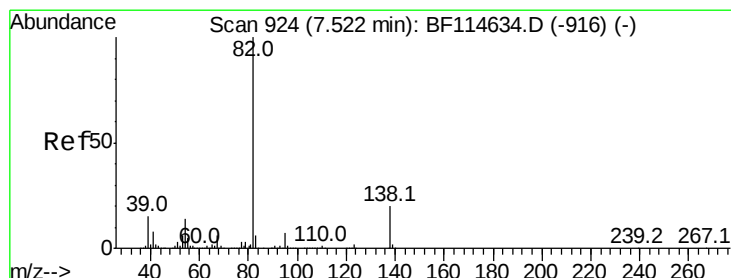
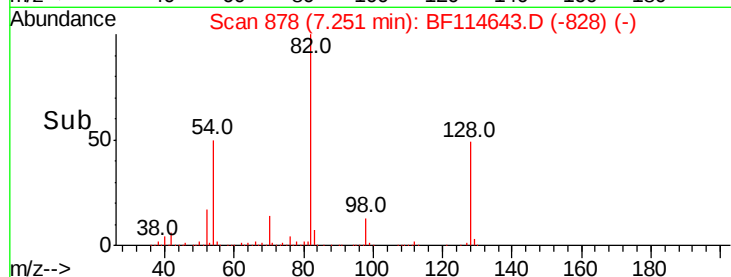
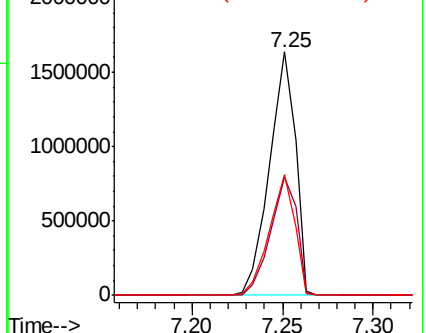
82 100

128 48.7 38.5 57.7

54 49.5 39.1 58.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 41.228 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.27 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

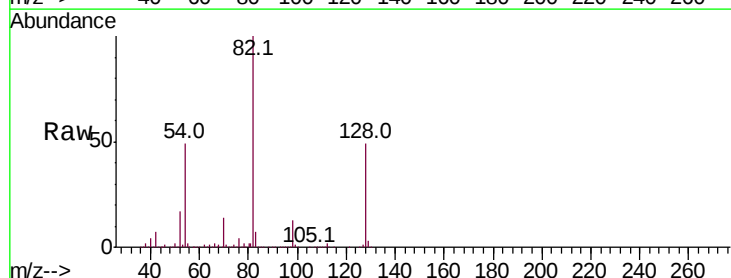
Tgt Ion: 82 Resp: 1560046

Ion Ratio Lower Upper

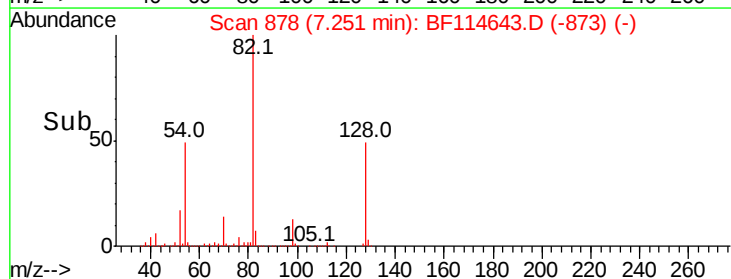
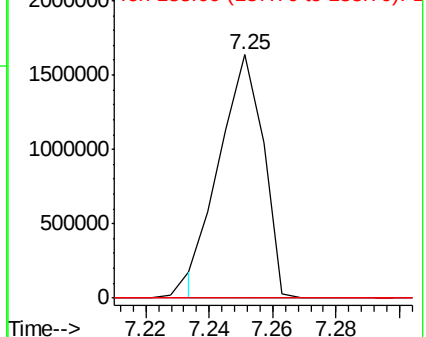
82 100

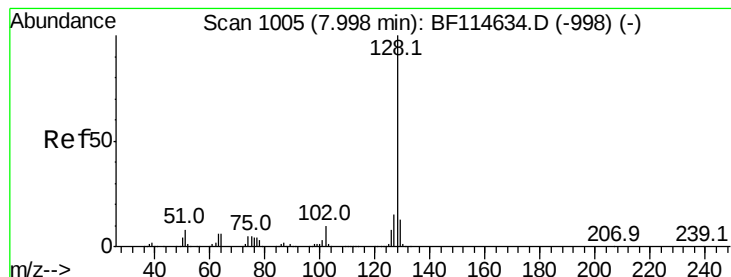
95 0.0 5.6 8.4#

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: 36.091 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

Instrument :

BNA_F

ClientSampleId :

TP-2-D

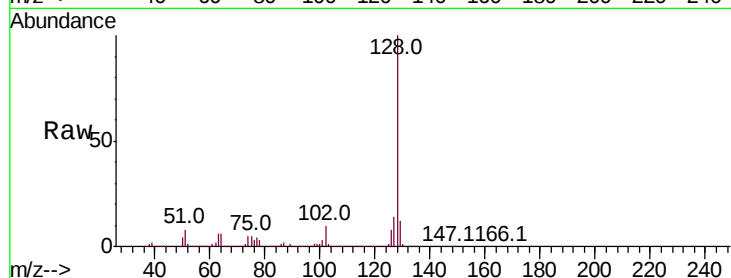
Tot Ion:128 Resp: 1955568

Ion Ratio Lower Upper

128 100

129 12.2 10.2 15.2

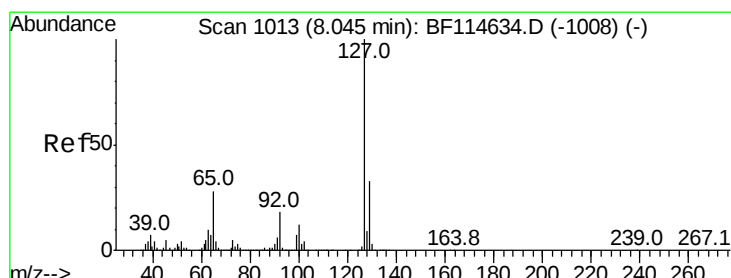
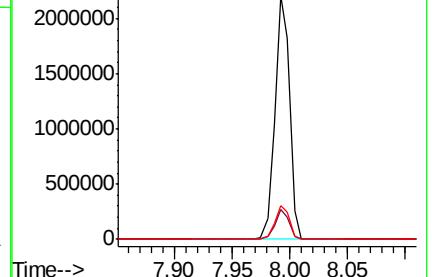
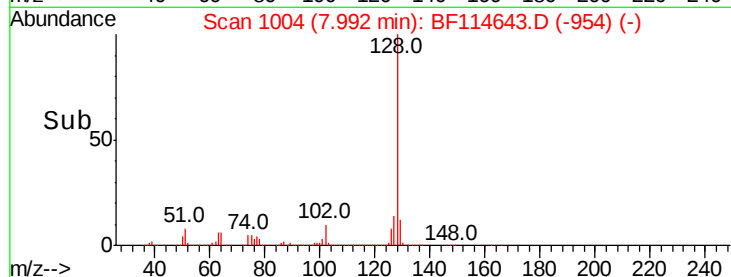
127 14.1 11.9 17.9



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



#33

4-Chloroaniline

Concen: 10.470 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.05 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

Tgt Ion:127 Resp: 270291

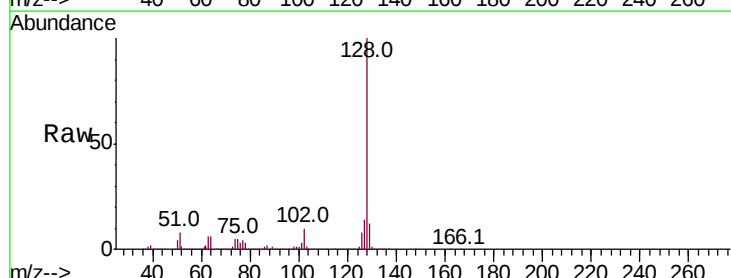
Ion Ratio Lower Upper

127 100

129 86.6 26.7 40.1#

65 0.0 22.5 33.7#

92 0.3 14.6 22.0#

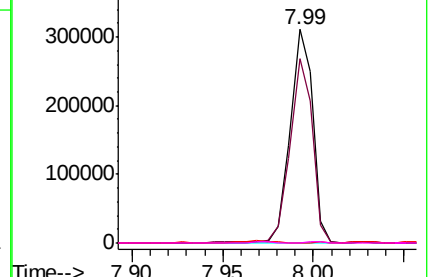
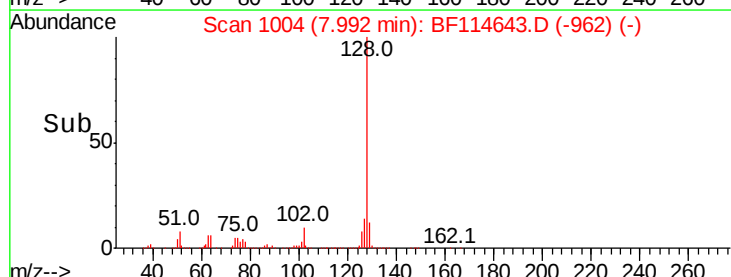


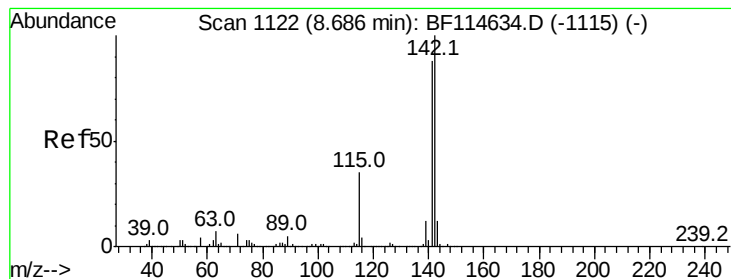
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

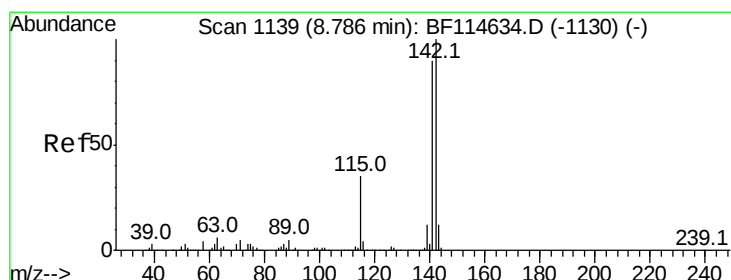
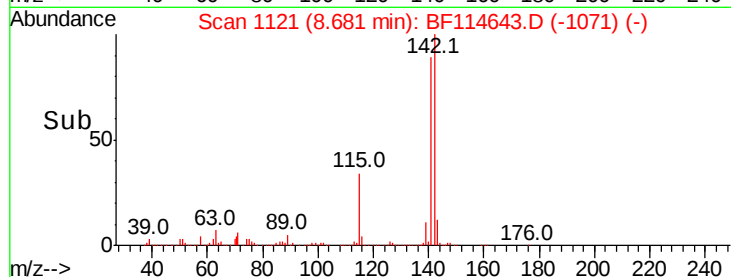
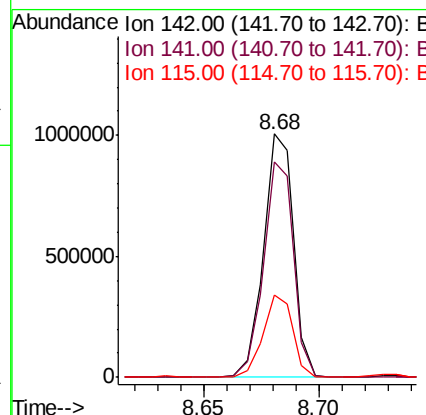
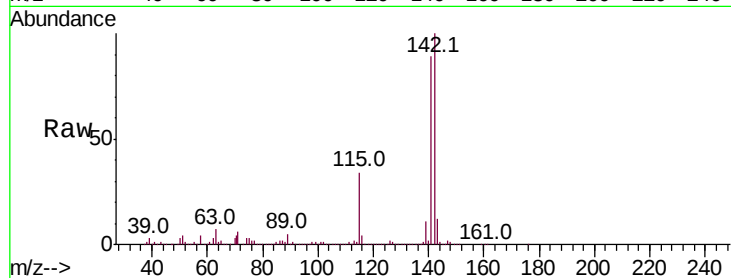




#37
2-Methylnaphthalene
Concen: 25.307 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF114643.D
Acq: 29 May 2019 20:03

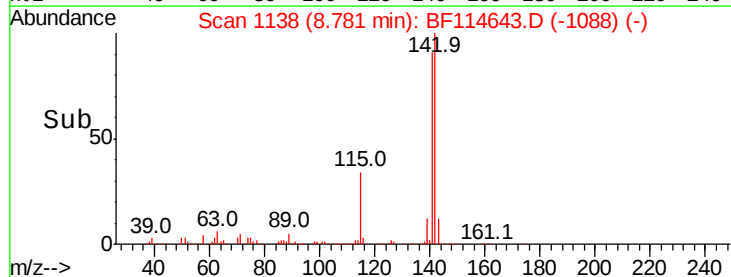
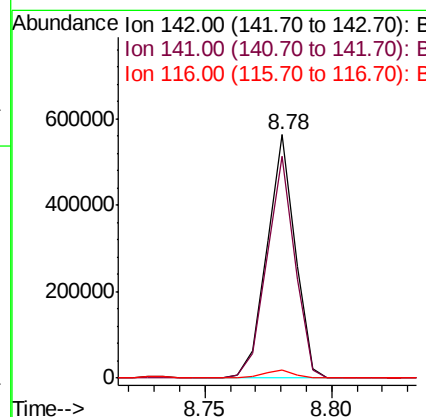
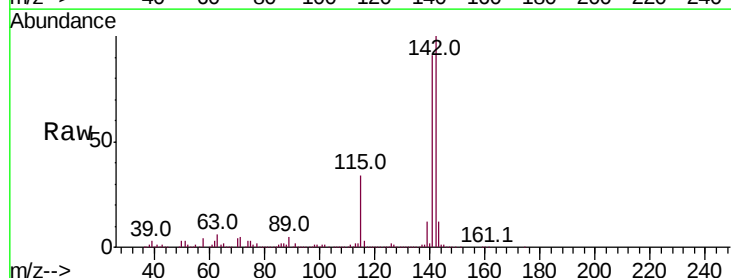
Instrument :
BNA_F
ClientSampleId :
TP-2-D

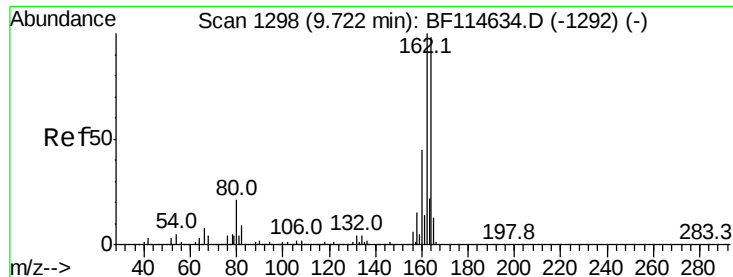
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.3	105.5
115	34.0	28.0	42.0



#38
1-Methylnaphthalene
Concen: 12.753 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF114643.D
Acq: 29 May 2019 20:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.3	108.5
116	3.5	3.0	4.4

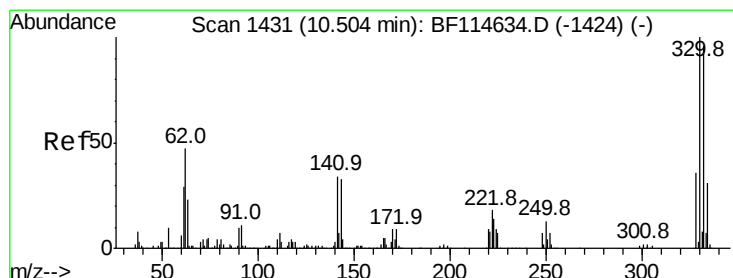
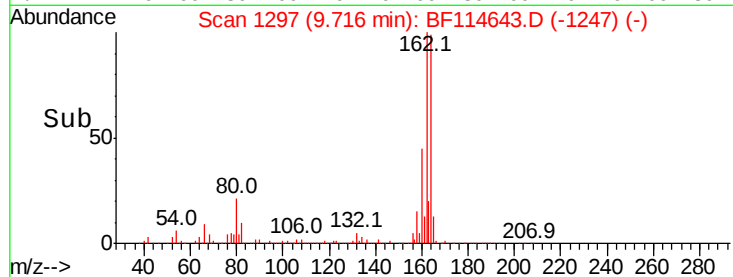
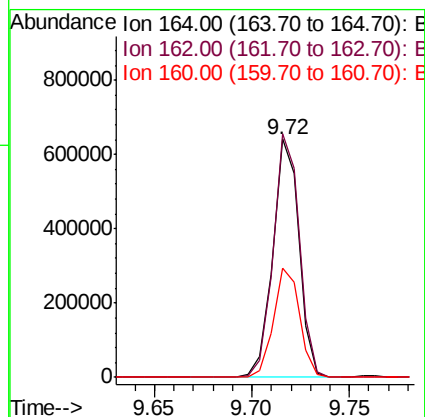
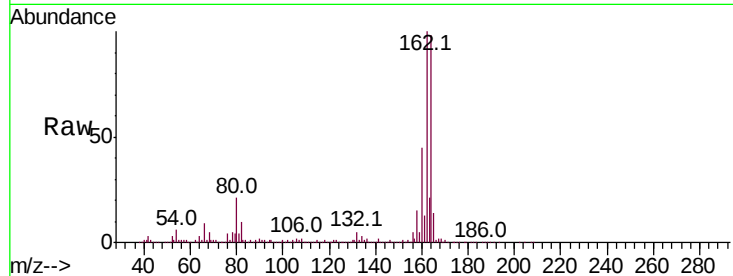




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF114643.D
Acq: 29 May 2019 20:03

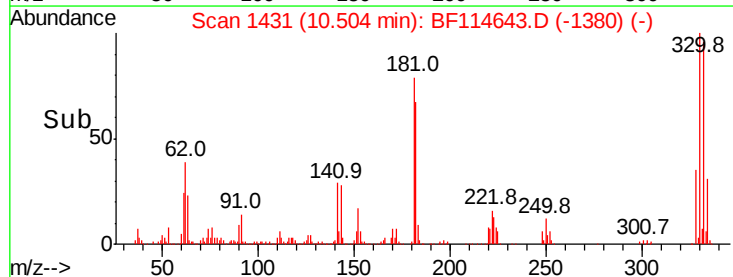
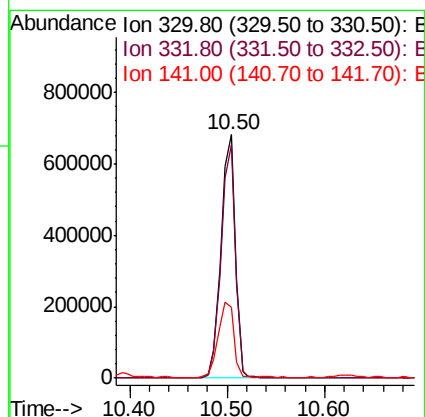
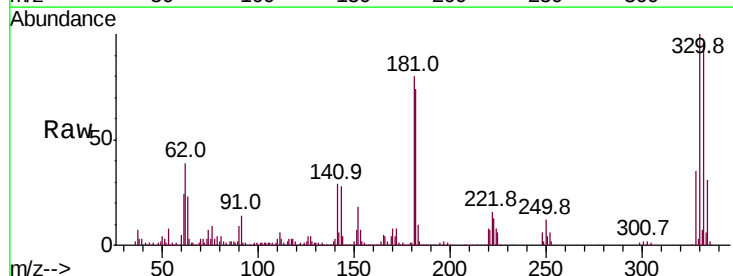
Instrument :
BNA_F
ClientSampleId :
TP-2-D

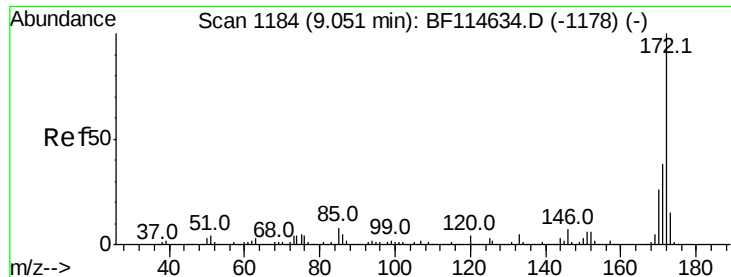
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.4	122.2
160	45.9	36.6	54.8



#42
2,4,6-Tribromophenol
Concen: 123.966 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114643.D
Acq: 29 May 2019 20:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.8	113.8
141	33.7	27.8	41.8

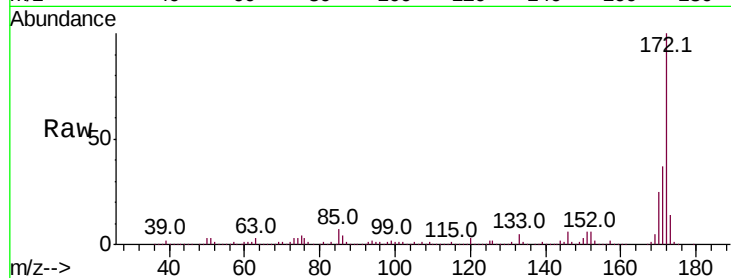




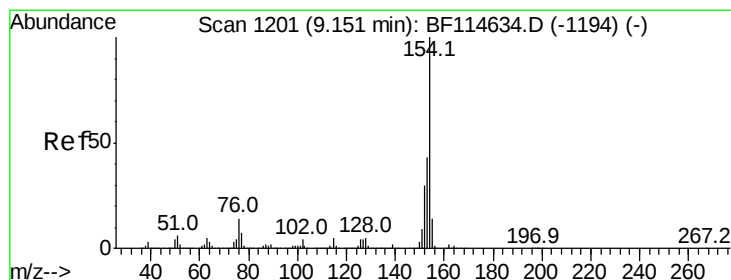
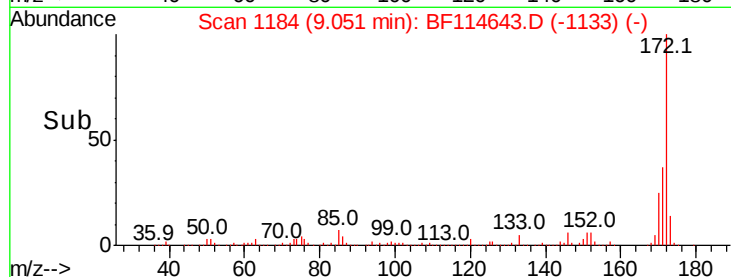
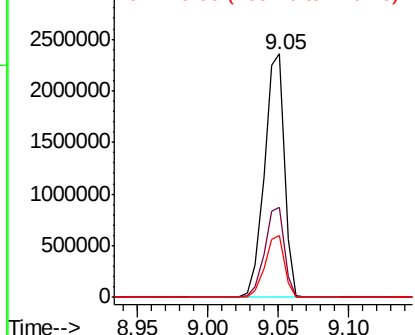
#45
 2-Fluorobiphenyl
 Concen: 72.325 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114643.D
 Acq: 29 May 2019 20:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-D

Tot Ion:172 Resp: 2358930
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.6 45.8
 170 25.4 20.7 31.1

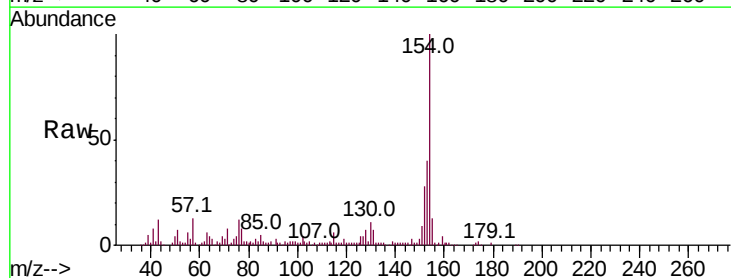


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

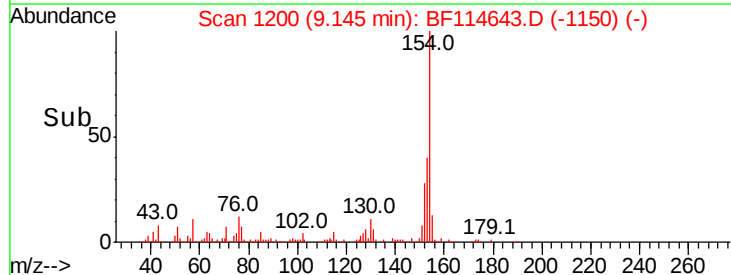
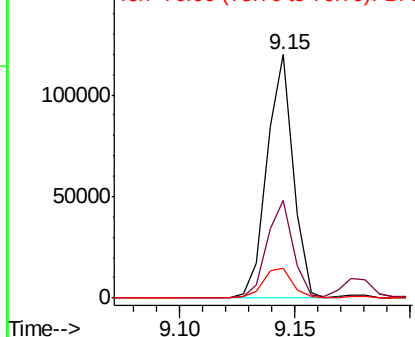


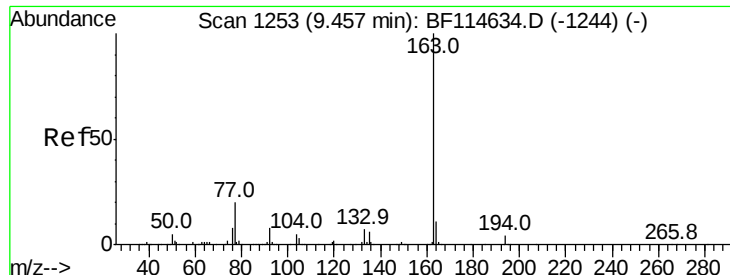
#46
 1,1'-Biphenyl
 Concen: 2.160 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF114643.D
 Acq: 29 May 2019 20:03

Tgt Ion:154 Resp: 95110
 Ion Ratio Lower Upper
 154 100
 153 40.3 23.0 63.0
 76 12.4 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





#50

Dimethylphthalate

Concen: 9.294 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

Instrument :

BNA_F

ClientSampleId :

TP-2-D

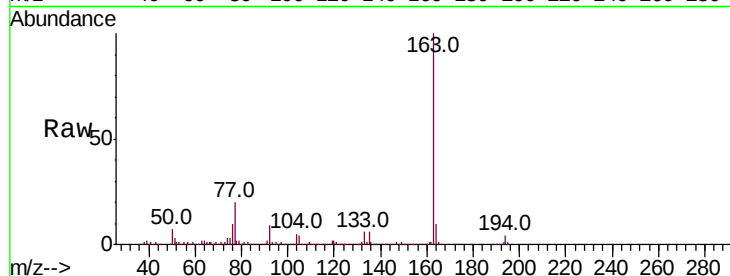
Tot Ion:163 Resp: 384113

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

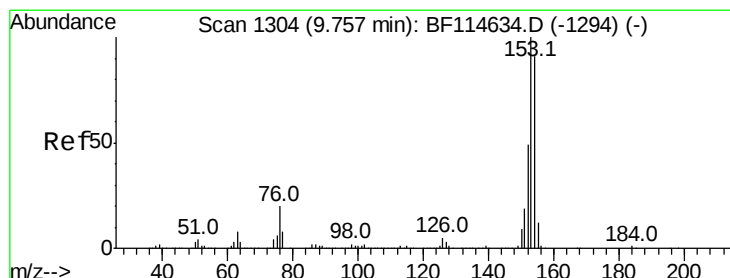
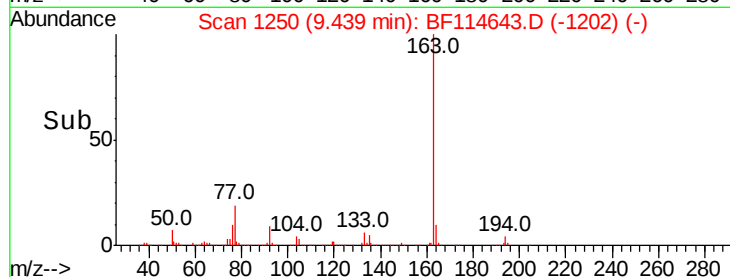
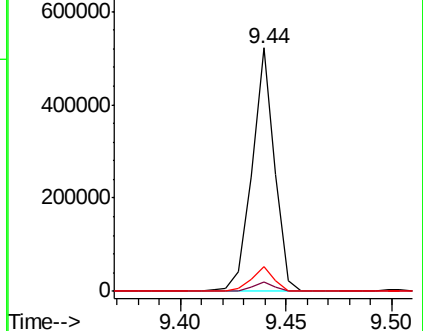
164 10.0 8.6 13.0



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: 43.359 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

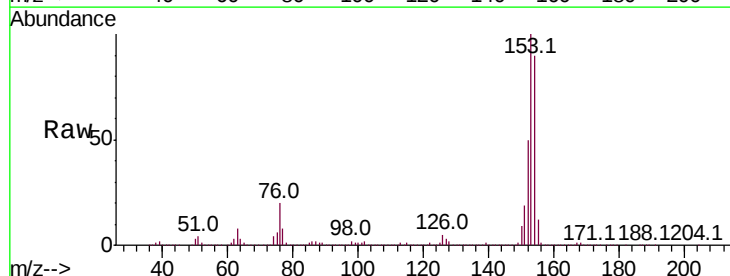
Tgt Ion:154 Resp: 1483619

Ion Ratio Lower Upper

154 100

153 110.7 88.4 132.6

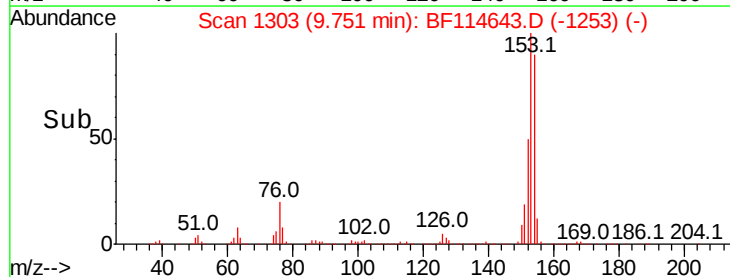
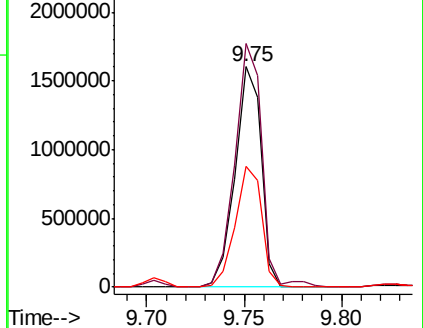
152 54.9 43.4 65.0

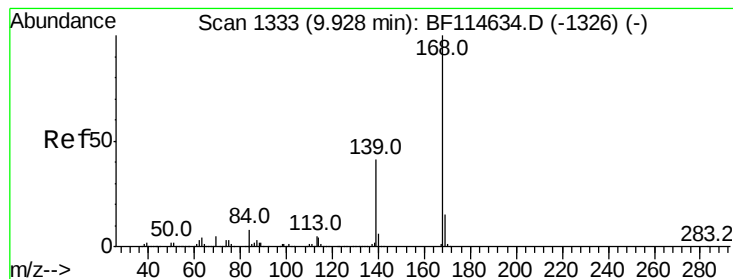


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#55

Dibenzenofuran

Concen: 38.237 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

Instrument :

BNA_F

ClientSampleId :

TP-2-D

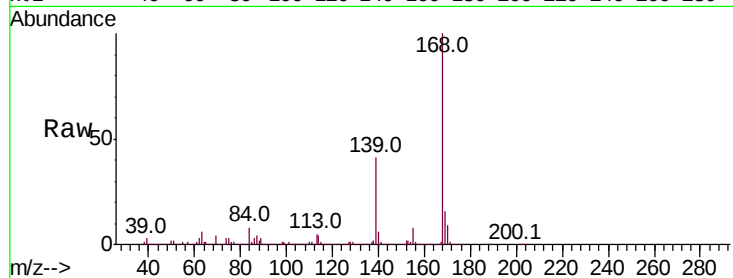
Tot Ion:168 Resp: 1862404

Ion Ratio Lower Upper

168 100

139 40.7 32.6 48.8

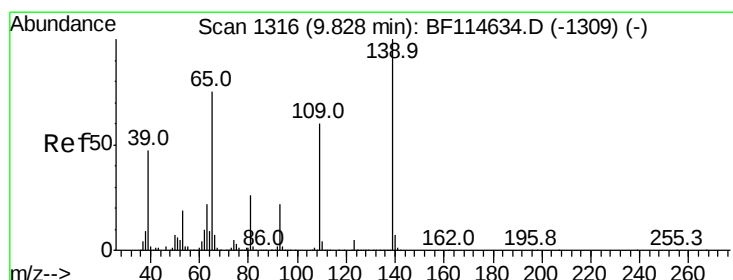
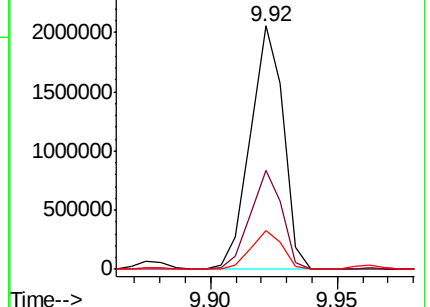
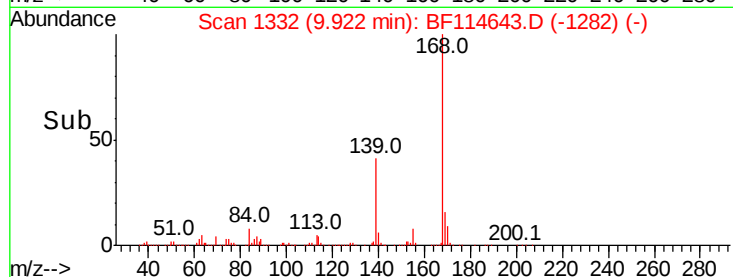
169 15.8 11.8 17.8



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



#56

4-Nitrophenol

Concen: 83.823 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.09 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

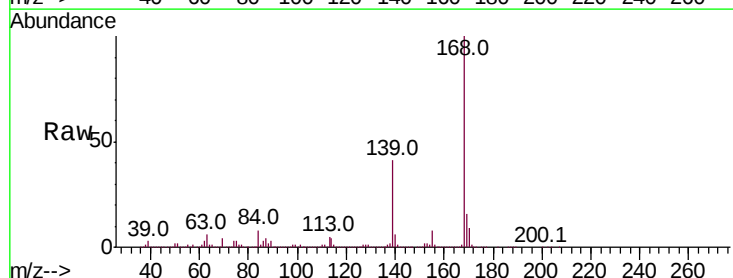
Tgt Ion:139 Resp: 730098

Ion Ratio Lower Upper

139 100

109 0.9 40.4 80.4#

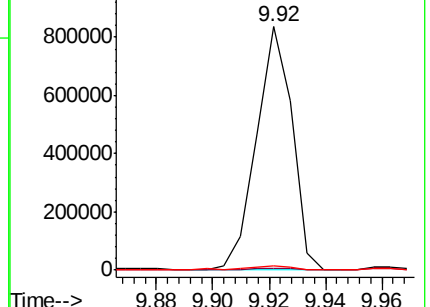
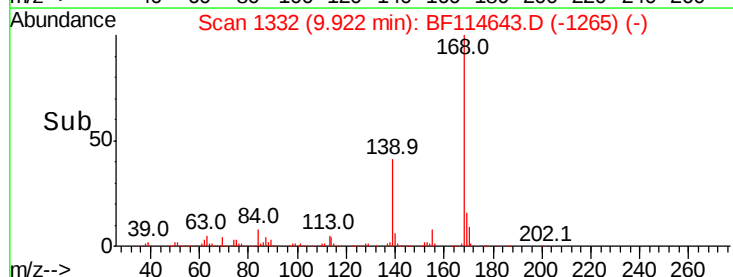
65 1.7 54.7 94.7#

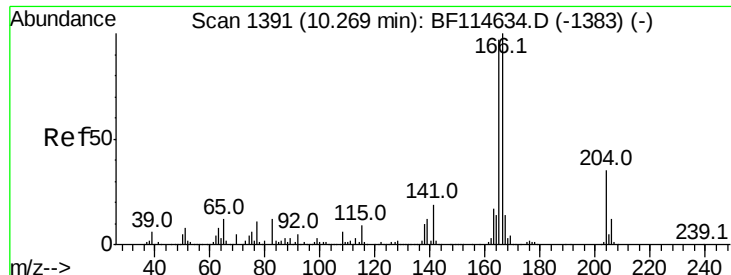


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#58

Fluorene

Concen: 80.316 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

Instrument :

BNA_F

ClientSampled :

TP-2-D

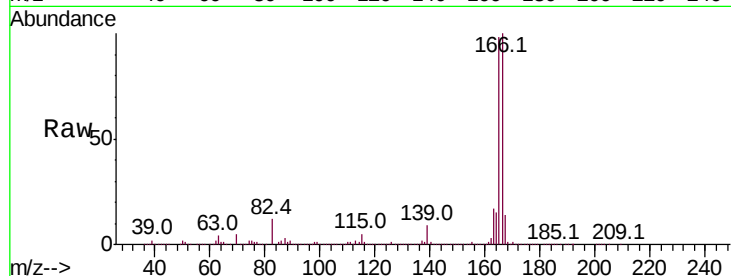
Tot Ion:166 Resp: 2138500

Ion Ratio Lower Upper

166 100

165 98.2 77.6 116.4

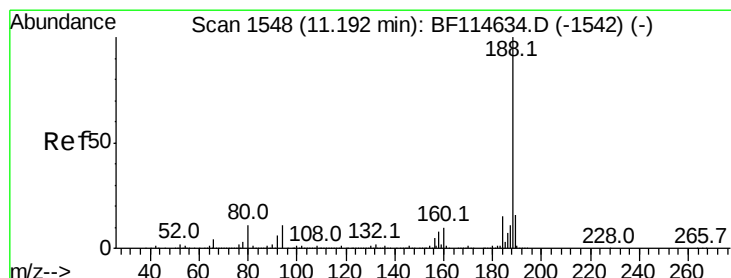
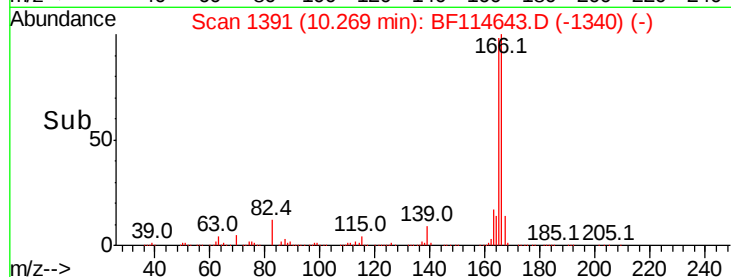
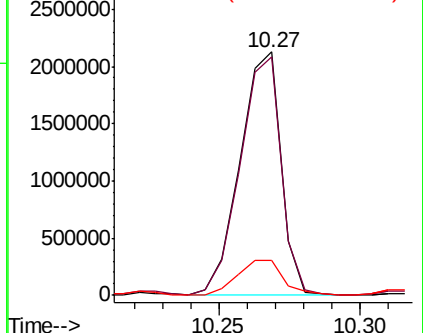
167 14.2 11.2 16.8



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: BF114643.D

Acq: 29 May 2019 20:03

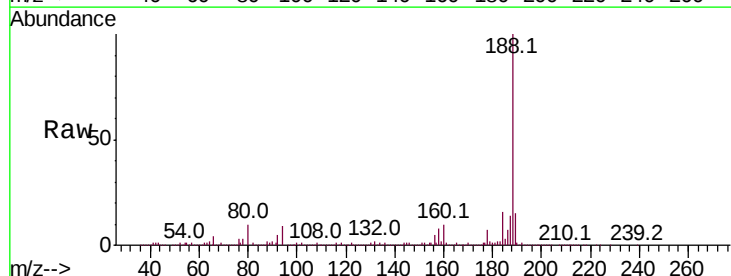
Tgt Ion:188 Resp: 1199902

Ion Ratio Lower Upper

188 100

94 9.4 8.6 13.0

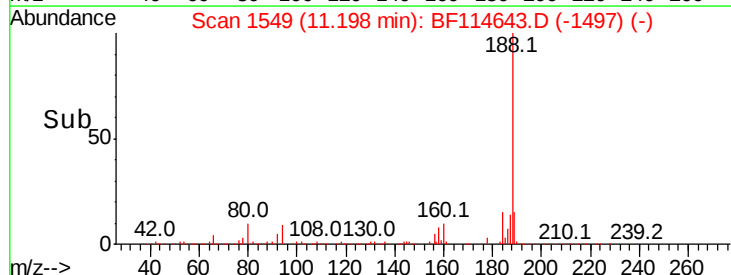
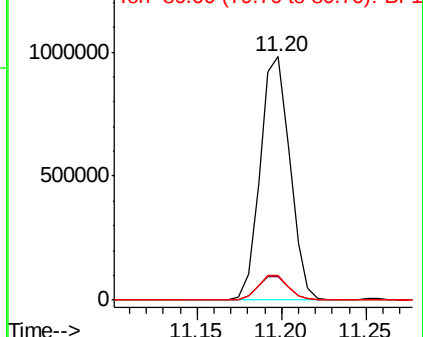
80 10.1 9.0 13.6

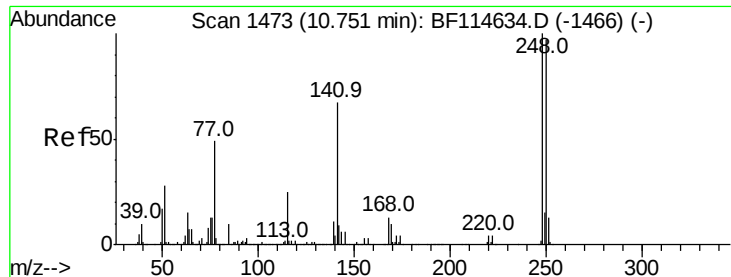


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

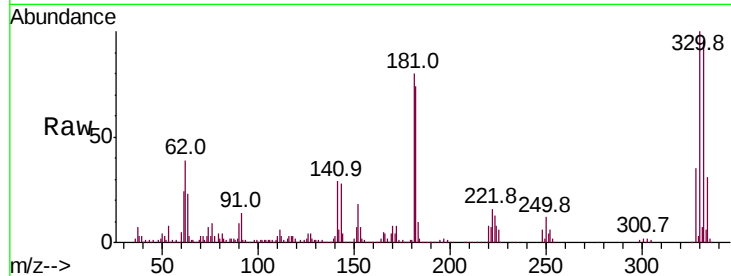




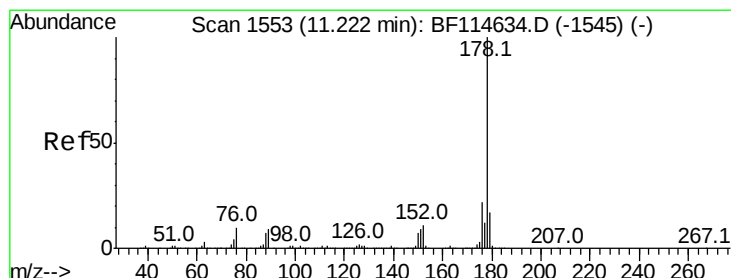
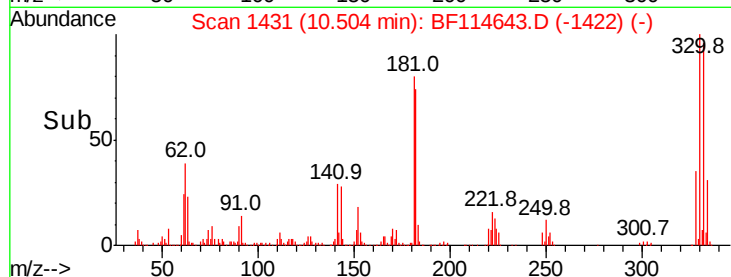
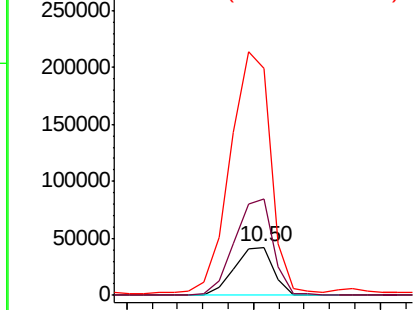
#67
 4-Bromophenyl-phenylether
 Concen: 3.506 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF114643.D
 Acq: 29 May 2019 20:03

Instrument :
 BNA_F
 ClientSampled :
 TP-2-D

Tot Ion:248 Resp: 45118
 Ion Ratio Lower Upper
 248 100
 250 200.5 78.0 117.0#
 141 473.0 53.8 80.8#

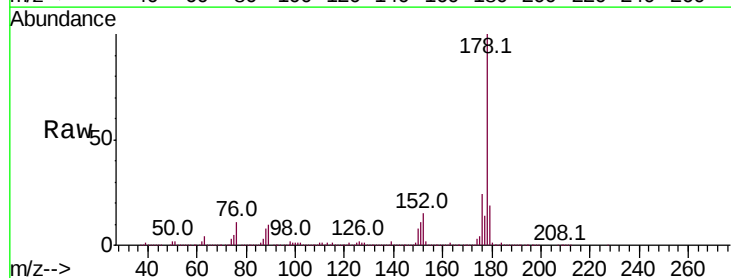


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

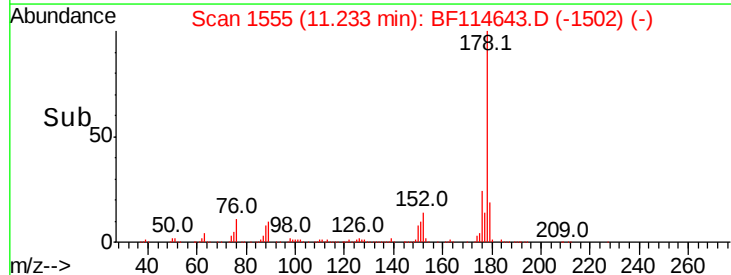
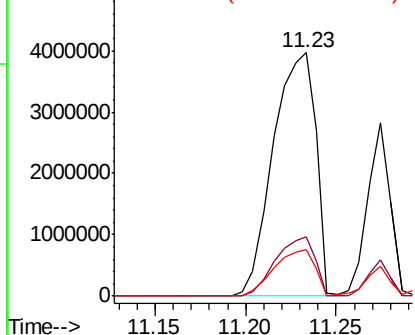


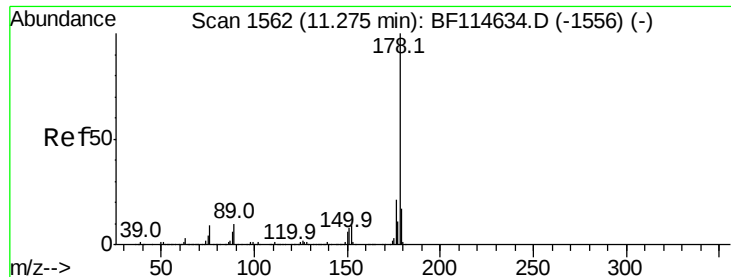
#71
 Phenanthrene
 Concen: 106.561 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.01 min
 Lab File: BF114643.D
 Acq: 29 May 2019 20:03

Tgt Ion:178 Resp: 6522496
 Ion Ratio Lower Upper
 178 100
 176 24.3 17.2 25.8
 179 19.1 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: 38.829 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

Instrument :

BNA_F

ClientSampleId :

TP-2-D

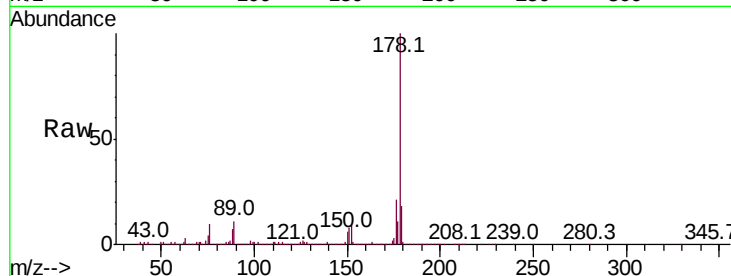
Tot Ion:178 Resp: 2405425

Ion Ratio Lower Upper

178 100

176 21.0 16.6 24.8

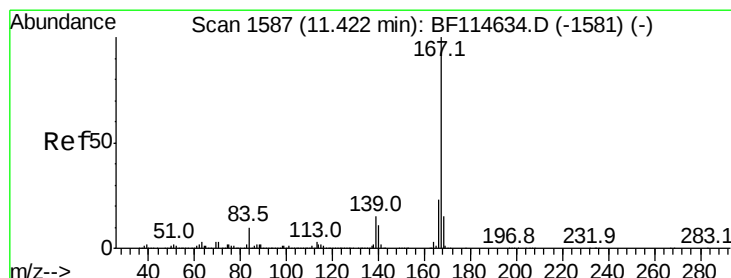
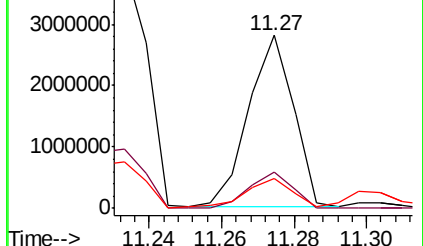
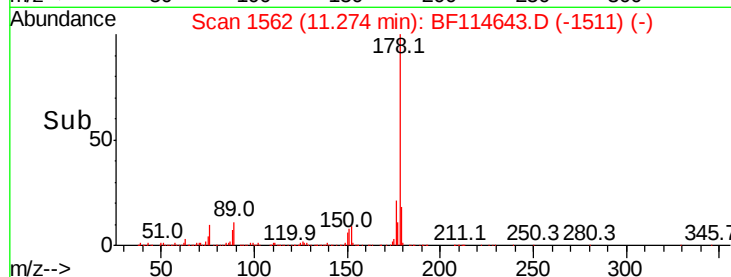
179 17.6 13.4 20.0



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



#73

Carbazole

Concen: 12.154 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

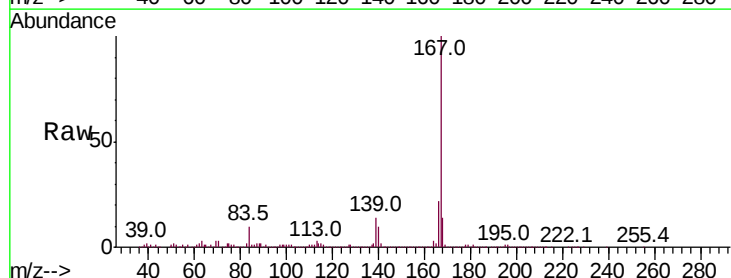
Tgt Ion:167 Resp: 661744

Ion Ratio Lower Upper

167 100

166 21.9 18.7 28.1

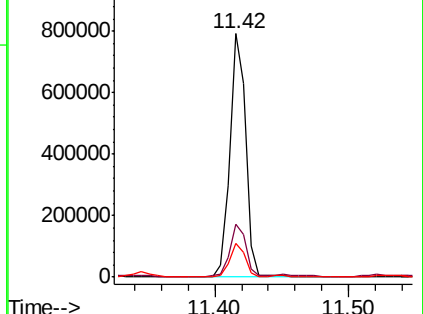
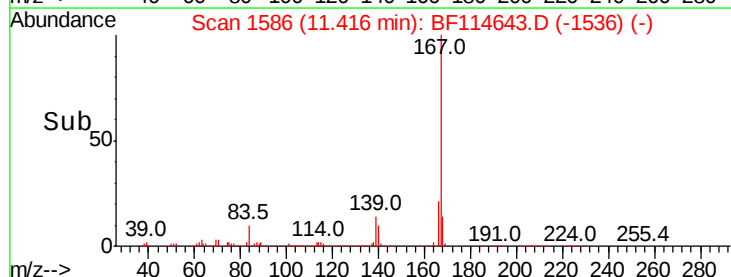
139 13.8 11.8 17.8

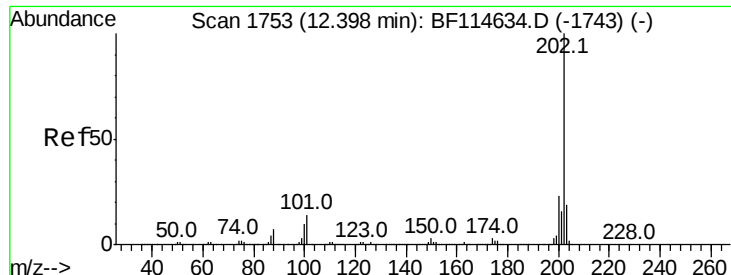


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 51.724 ng

RT: 12.41 min Scan# 1755

Delta R.T. 0.01 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

Instrument :

BNA_F

ClientSampleId :

TP-2-D

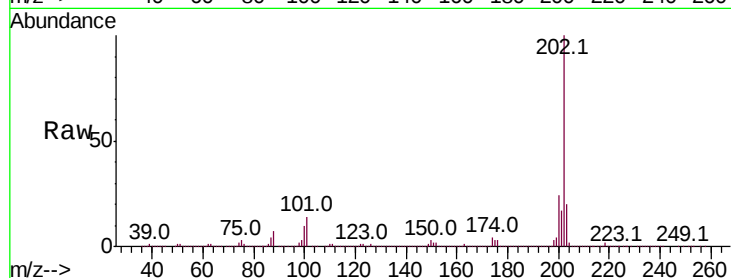
Tot Ion:202 Resp: 3278310

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.9

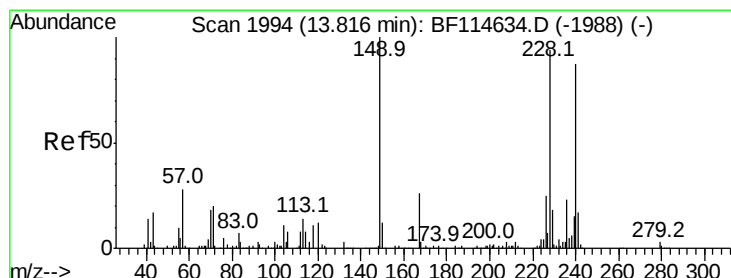
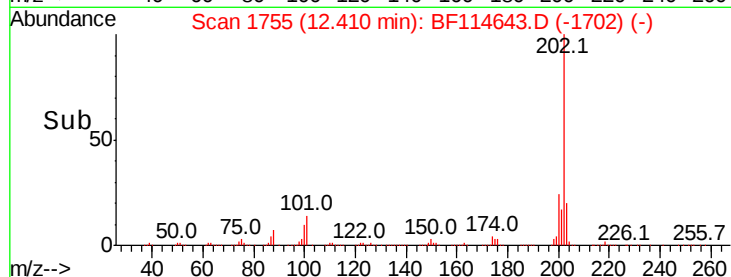
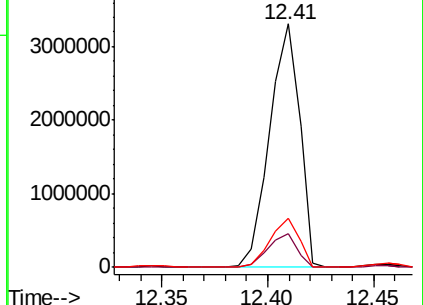
203 20.4 0.0 39.1



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: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

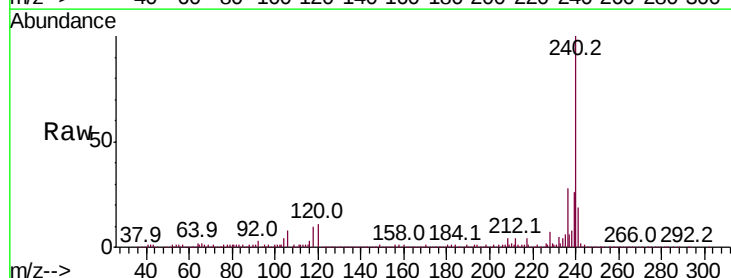
Tgt Ion:240 Resp: 913793

Ion Ratio Lower Upper

240 100

120 11.3 11.2 16.8

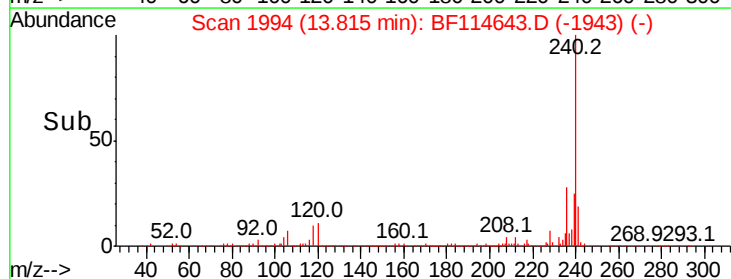
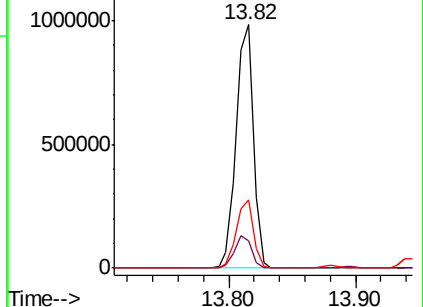
236 27.8 21.2 31.8

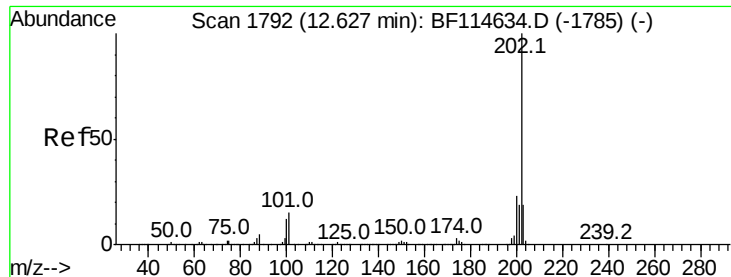


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 31.616 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

Instrument :

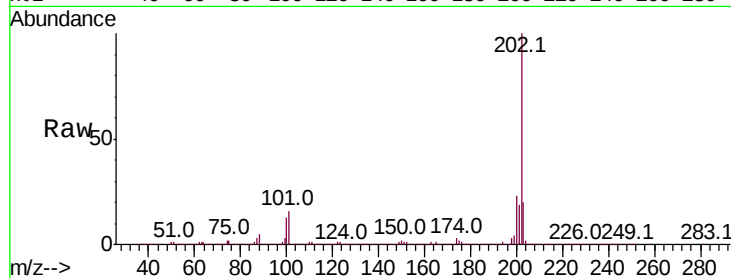
BNA_F

ClientSampleId :

TP-2-D

Tot Ion:202 Resp: 2443910

Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.6	28.0
203	19.8	15.4	23.2

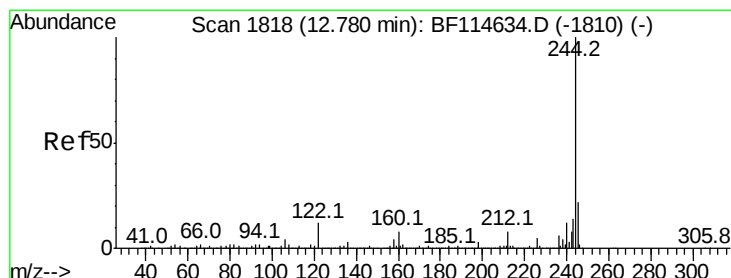
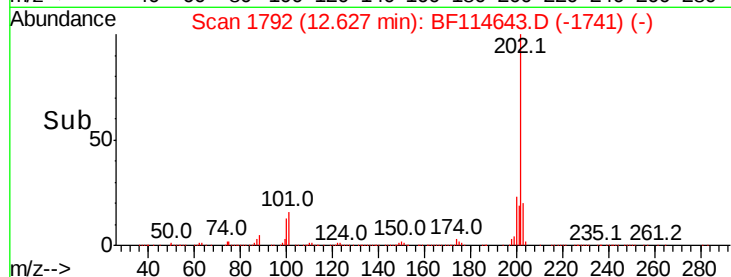
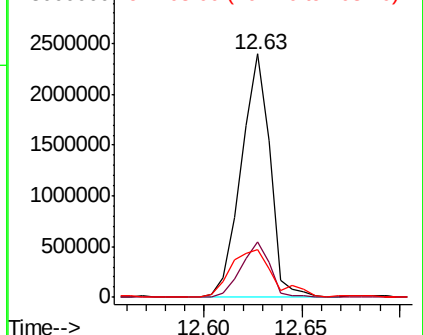


Abundance

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: 52.387 ng

RT: 12.77 min Scan# 1817

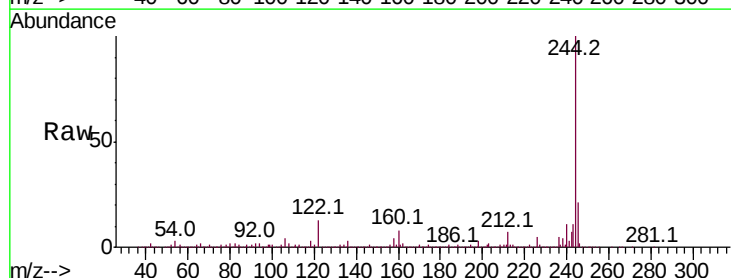
Delta R.T. -0.01 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

Tgt Ion:244 Resp: 2546120

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	13.4	9.8	14.8

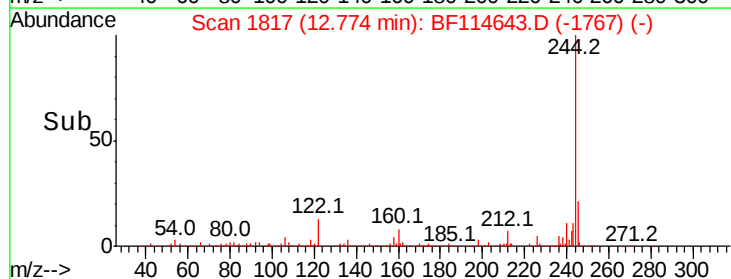
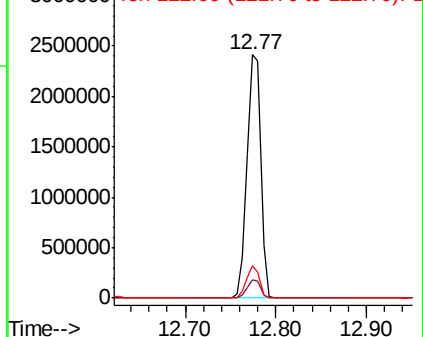


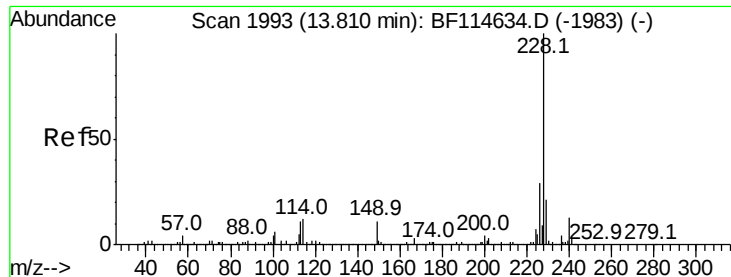
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 7.106 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

Instrument :

BNA_F

ClientSampleId :

TP-2-D

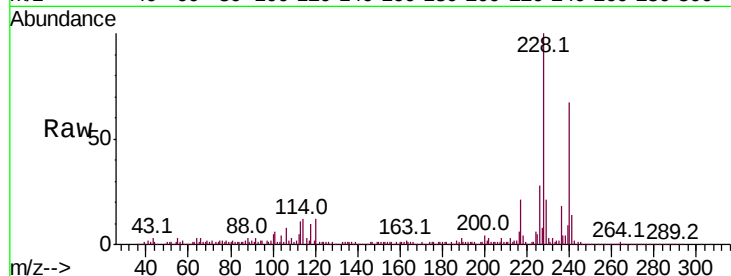
Tot Ion:228 Resp: 499028

Ion Ratio Lower Upper

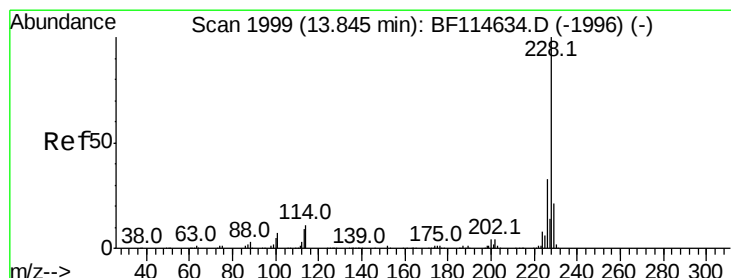
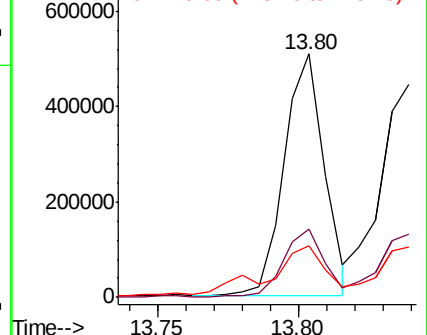
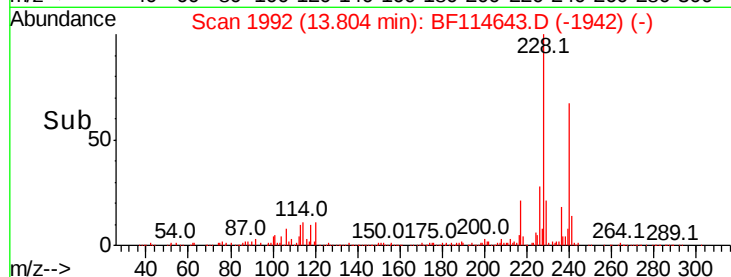
228 100

226 28.0 23.0 34.6

229 21.4 17.0 25.4



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



#83

Chrysene

Concen: 6.533 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

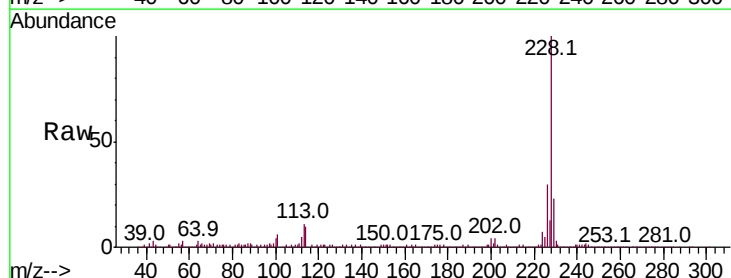
Tgt Ion:228 Resp: 438313

Ion Ratio Lower Upper

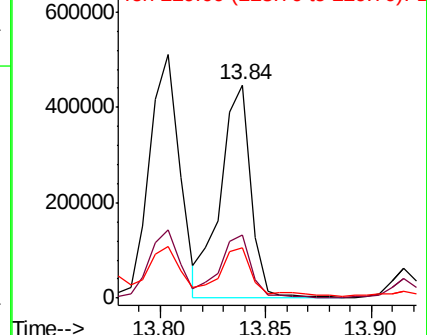
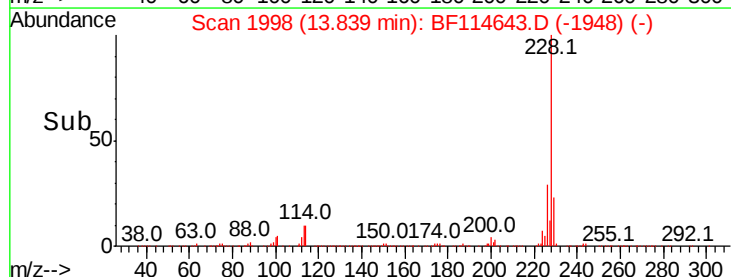
228 100

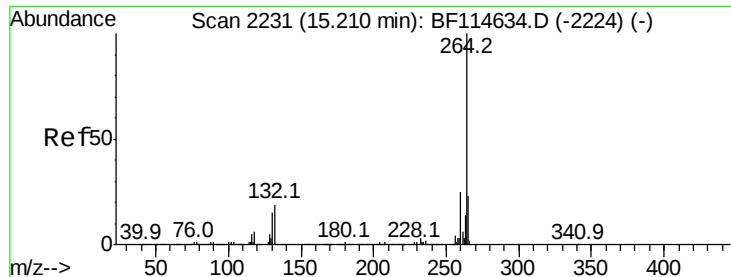
226 29.8 26.4 39.6

229 23.5 17.1 25.7



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

Instrument :

BNA_F

ClientSampleId :

TP-2-D

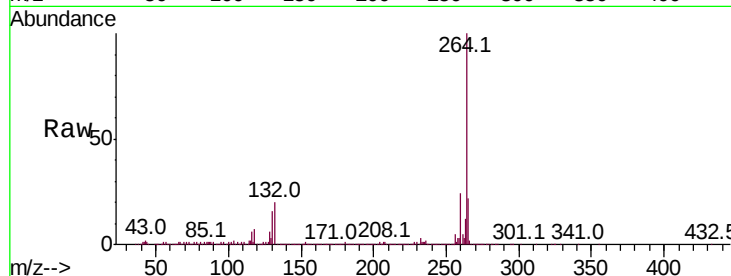
Tot Ion:264 Resp: 850333

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

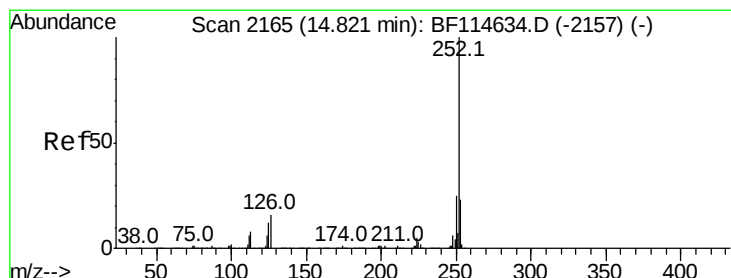
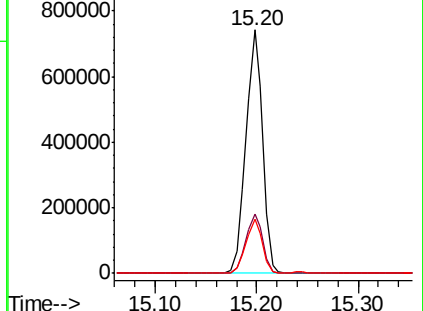
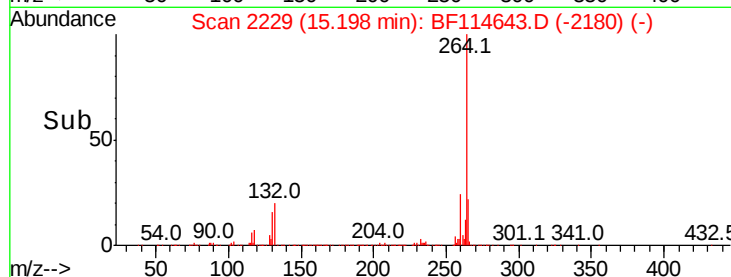
265 22.0 18.1 27.1



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: 3.932 ng

RT: 14.81 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

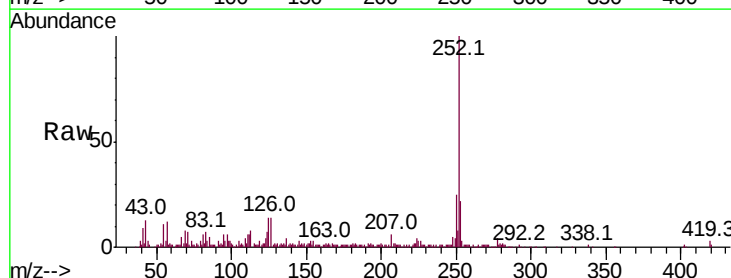
Tgt Ion:252 Resp: 210605

Ion Ratio Lower Upper

252 100

253 22.2 18.7 28.1

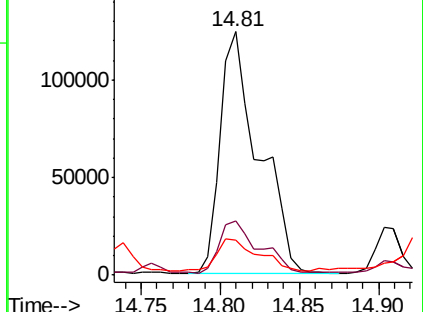
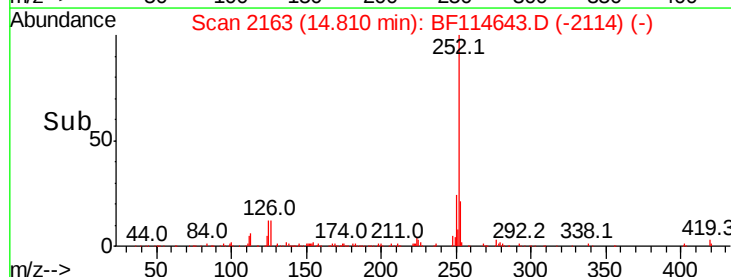
125 14.2 9.4 14.2#

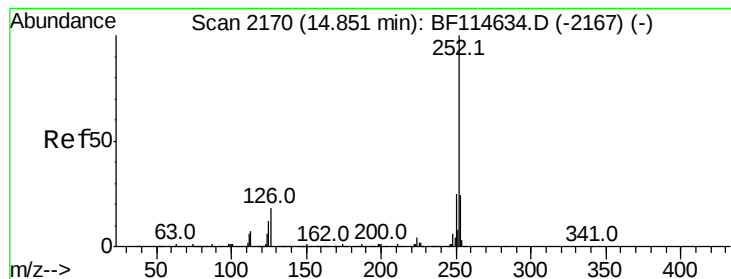


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 4.524 ng

RT: 14.81 min Scan# 2163

Delta R.T. -0.04 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

Instrument :

BNA_F

ClientSampleId :

TP-2-D

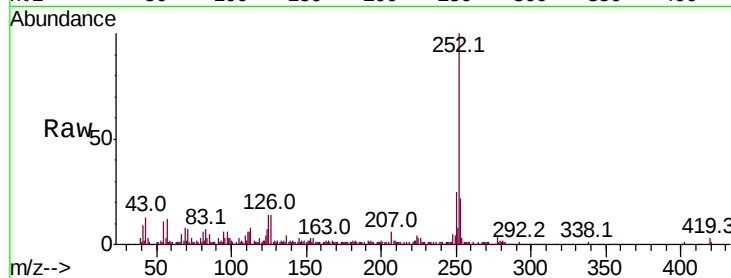
Tot Ion:252 Resp: 210605

Ion Ratio Lower Upper

252 100

253 22.2 18.9 28.3

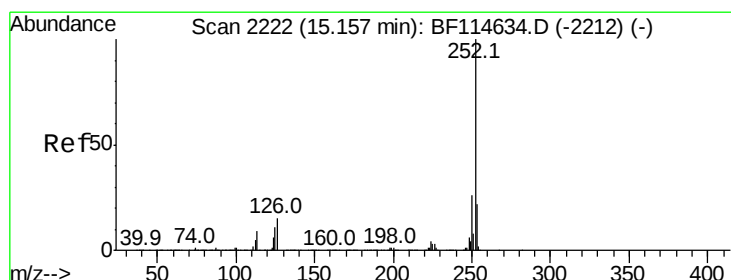
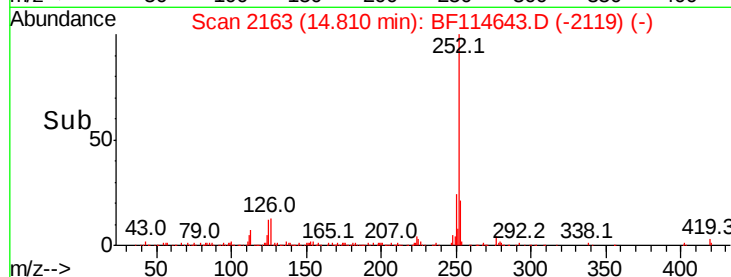
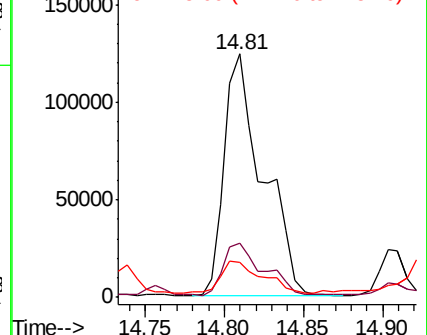
125 14.2 9.5 14.3



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



#90

Benzo(a)pyrene

Concen: 2.065 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.02 min

Lab File: BF114643.D

Acq: 29 May 2019 20:03

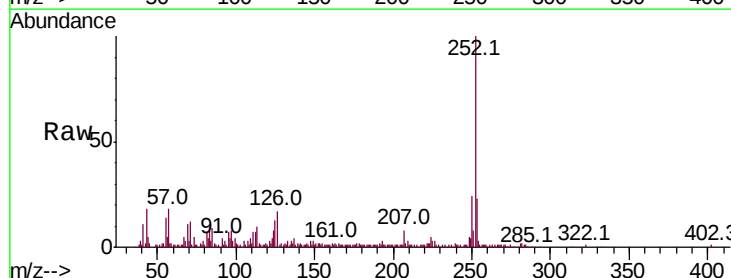
Tgt Ion:252 Resp: 97135

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

125 13.4 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

