

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
 Data File : BF117234.D
 Acq On : 24 Sep 2019 23:40
 Operator : JU
 Sample : K4668-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 02:41:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	26769	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	111505	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	56440	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	84141	20.00	ng	0.00
76) Chrysene-d12	13.98	240	68509	20.00	ng	0.00
87) Perylene-d12	15.43	264	63111	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	78850	45.99	ng	0.00
7) Phenol-d6	6.45	99	108555	48.99	ng	0.00
23) Nitrobenzene-d5	7.37	82	69436	32.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	21004	44.53	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	129338	35.83	ng	0.00
79) Terphenyl-d14	12.92	244	111998	30.56	ng	0.00

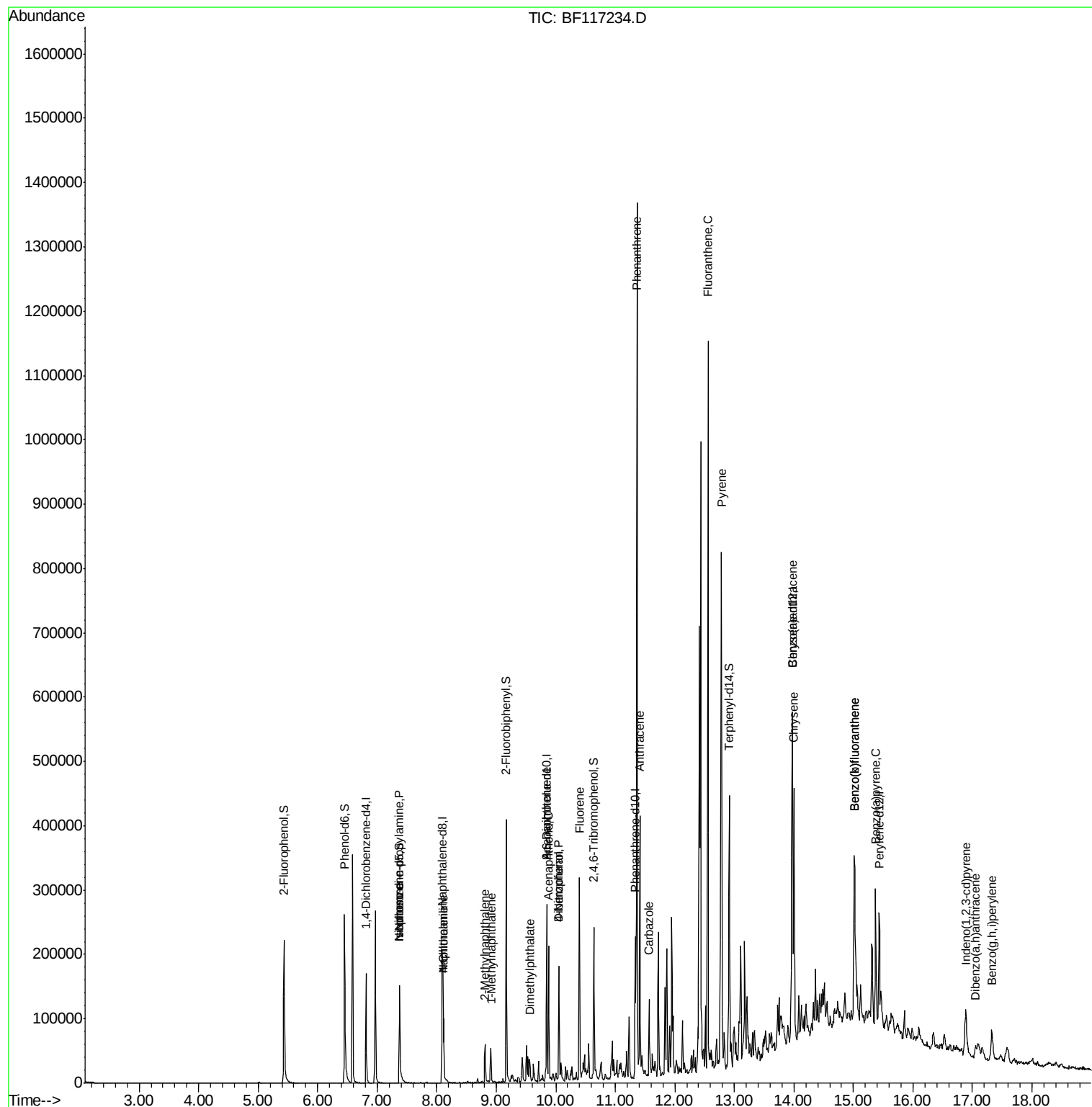
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.59	77	2376	Below Cal		# 67
19) n-Nitroso-di-n-propylamine	7.37	70	9451	7.004	ng	# 78
25) Isophorone	7.37	82	69436	18.479	ng	# 66
31) Naphthalene	8.12	128	42085	7.848	ng	# 99
33) 4-Chloroaniline	8.12	127	5442	2.288	ng	# 35
37) 2-Methylnaphthalene	8.81	142	21096	5.842	ng	# 96
38) 1-Methylnaphthalene	8.91	142	17413	5.148	ng	# 99
50) Dimethylphthalate	9.56	163	12385	3.099	ng	# 98
51) 2,6-Dinitrotoluene	9.85	165	8241	10.125	ng	# 24
52) Acenaphthene	9.88	154	41991	13.534	ng	# 96
55) Dibenzofuran	10.05	168	64084	13.999	ng	# 97
56) 4-Nitrophenol	10.05	139	27148	40.791	ng	# 6
58) Fluorene	10.40	166	91668	24.858	ng	# 97
71) Phenanthrene	11.36	178	515898	107.947	ng	# 100
72) Anthracene	11.41	178	169803	34.802	ng	# 99
73) Carbazole	11.57	167	50819	10.973	ng	# 99
75) Fluoranthene	12.56	202	435928	88.773	ng	# 99
78) Pyrene	12.79	202	348699	60.660	ng	# 98
81) Benzo(a)anthracene	13.97	228	181977	39.757	ng	# 97
83) Chrysene	14.00	228	136110	30.489	ng	# 98
86) Indeno(1,2,3-cd)pyrene	16.89	276	40312	12.377	ng	# 98
88) Benzo(b)fluoranthene	15.02	252	184415	48.240	ng	# 95
89) Benzo(k)fluoranthene	15.02	252	184415	50.925	ng	# 95
90) Benzo(a)pyrene	15.37	252	97111	28.948	ng	# 96
91) Dibenzo(a,h)anthracene	17.06	278	12012	4.495	ng	# 93
92) Benzo(g,h,i)perylene	17.33	276	35305	13.257	ng	# 95

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

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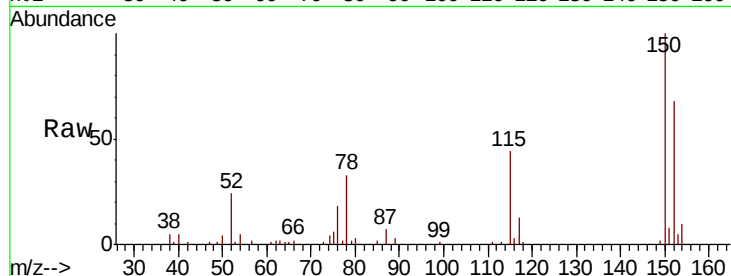


#1

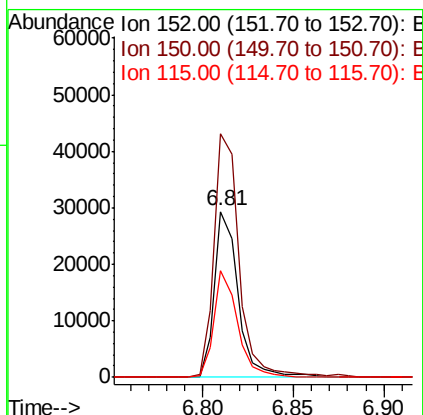
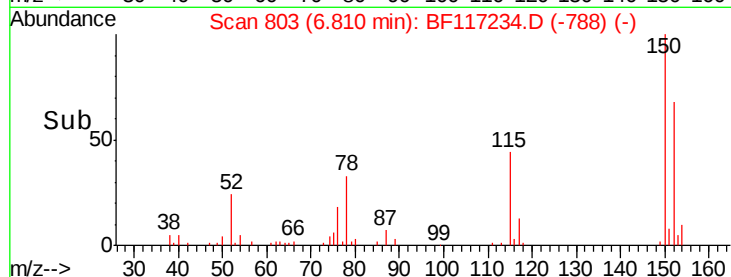
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117234.D
Acq: 24 Sep 2019 23:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 26769
Ion Ratio Lower Upper
152 100
150 146.5 127.5 191.3
115 63.8 55.0 82.4



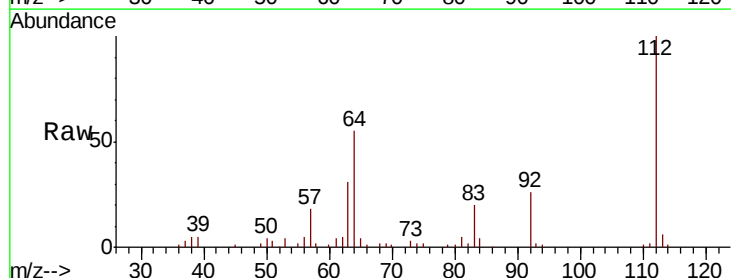
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



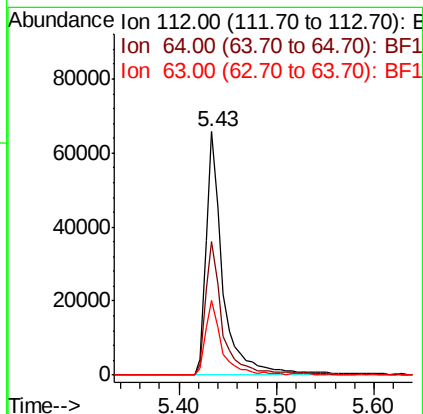
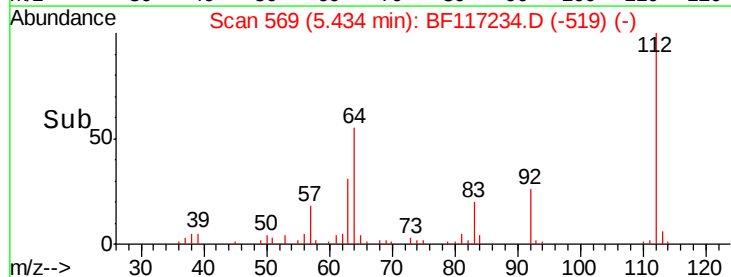
#5

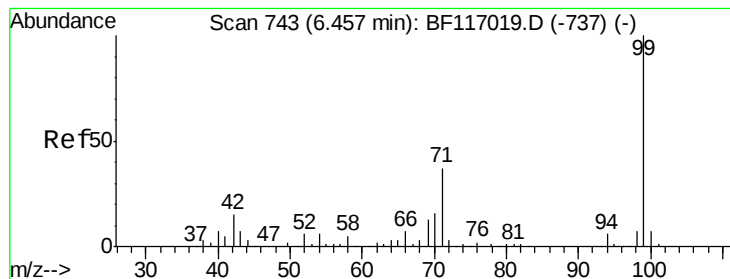
2-Fluorophenol
Concen: 45.988 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117234.D
Acq: 24 Sep 2019 23:40

Tgt Ion:112 Resp: 78850
Ion Ratio Lower Upper
112 100
64 54.9 45.7 68.5
63 30.8 24.9 37.3



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: 48.990 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117234.D

Acq: 24 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

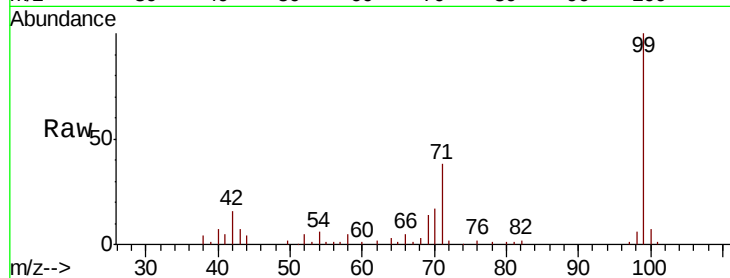
Tot Ion: 99 Resp: 108555

Ion Ratio Lower Upper

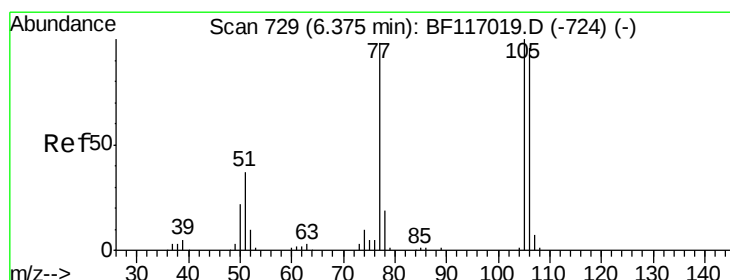
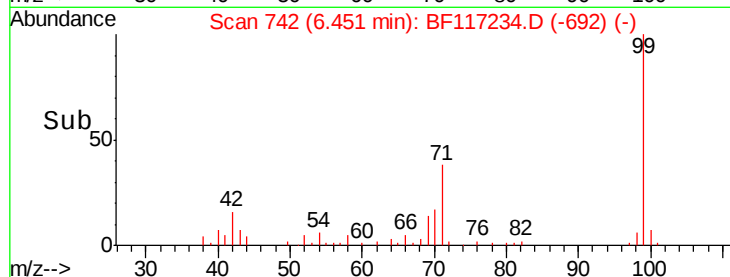
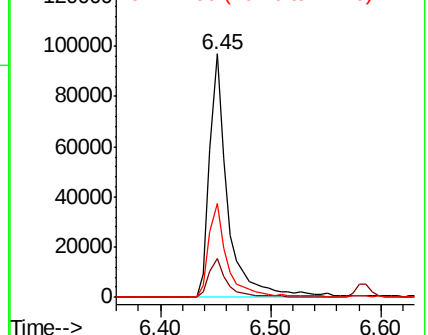
99 100

42 16.0 12.2 18.2

71 38.4 29.8 44.8



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: 6.59 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF117234.D

Acq: 24 Sep 2019 23:40

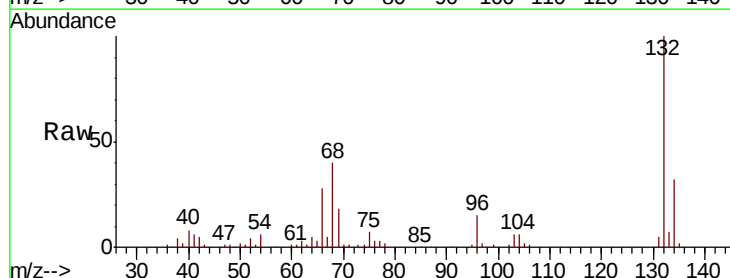
Tgt Ion: 77 Resp: 2376

Ion Ratio Lower Upper

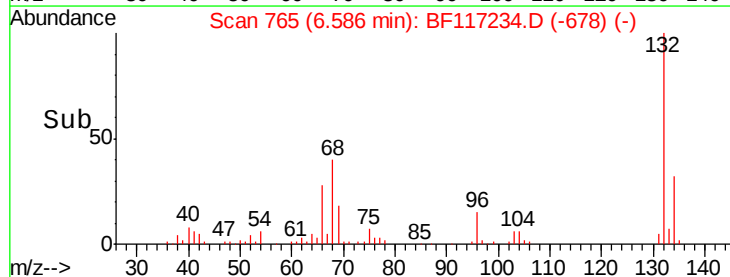
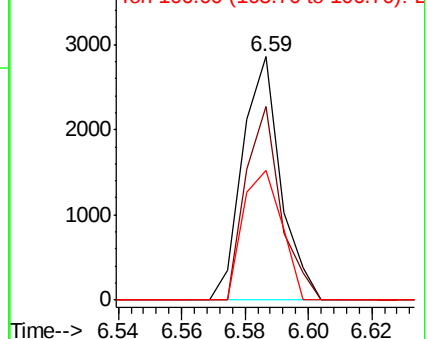
77 100

105 79.3 81.8 121.8#

106 53.2 77.3 117.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 7.004 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF117234.D

Acq: 24 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 9451

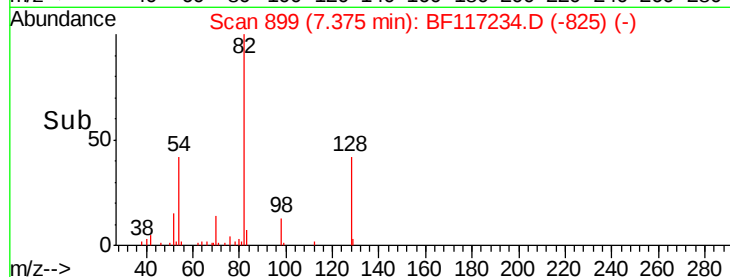
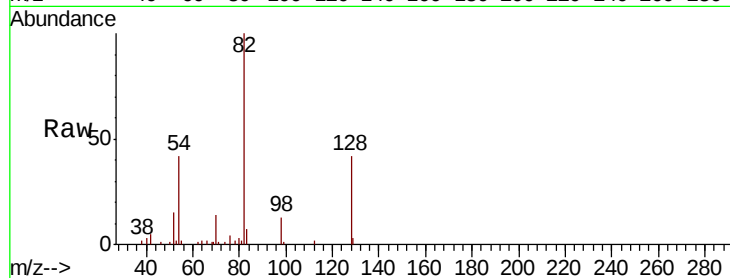
Ion Ratio Lower Upper

70 100

42 37.2 34.0 51.0

101 0.0 7.8 11.6#

130 0.0 17.8 26.8#

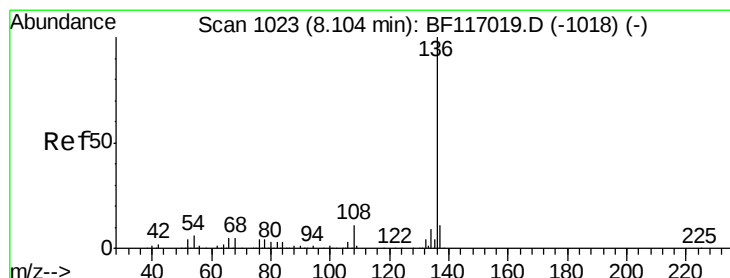
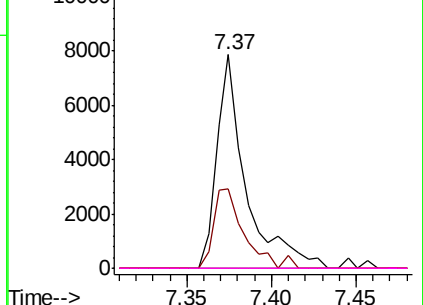


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117234.D

Acq: 24 Sep 2019 23:40

Tgt Ion: 136 Resp: 111505

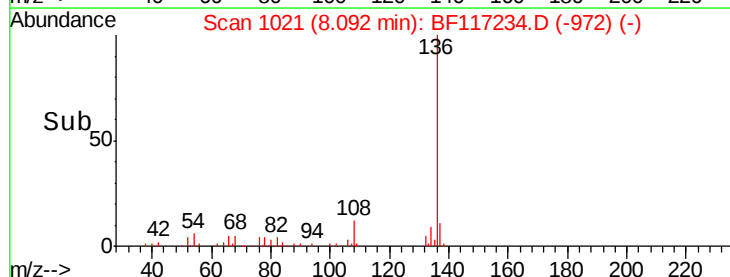
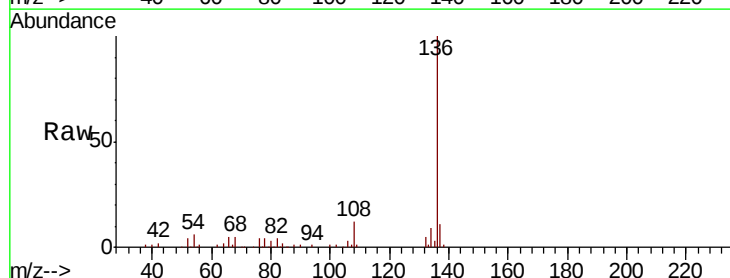
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 5.6 4.5 6.7

68 4.7 4.0 6.0

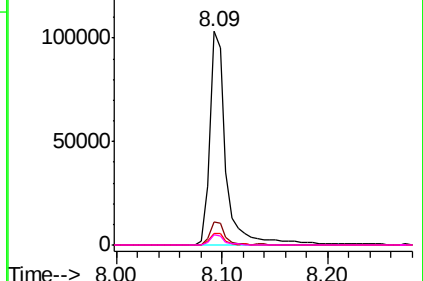


Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

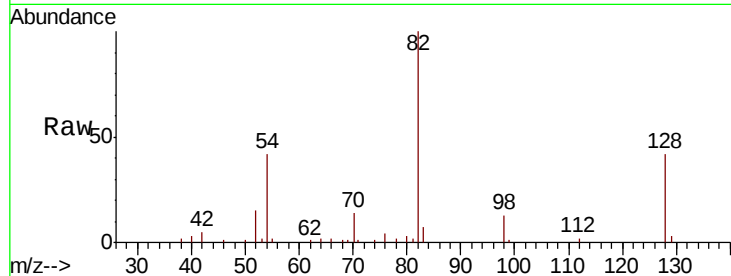




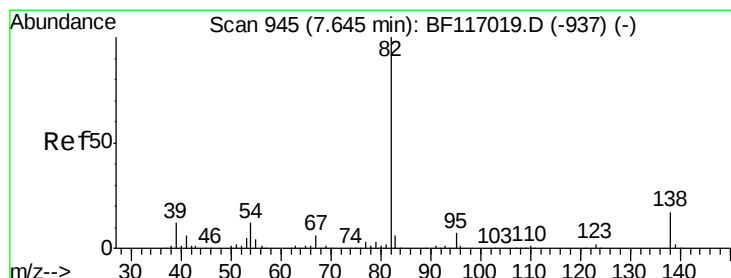
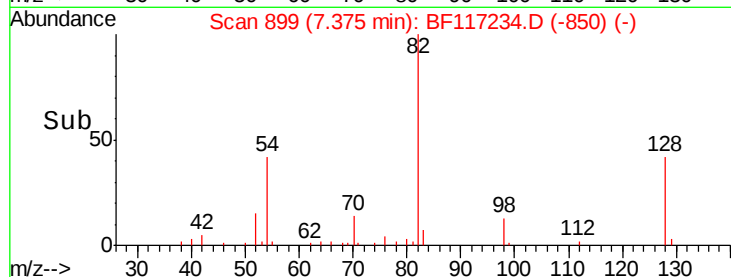
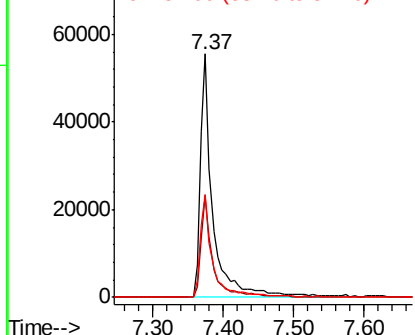
#23
Nitrobenzene-d5
Concen: 32.719 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117234.D
Acq: 24 Sep 2019 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	69436
Ion Ratio	Lower	Upper	
82	100		
128	41.7	32.3	48.5
54	42.3	33.3	49.9

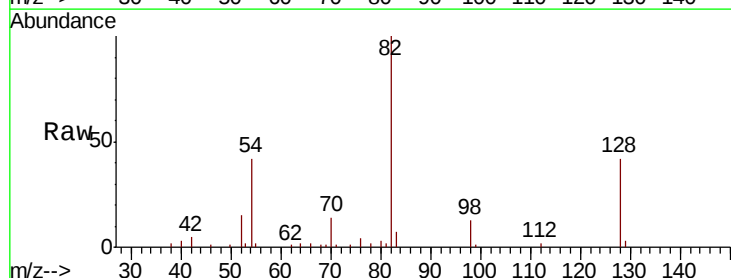


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

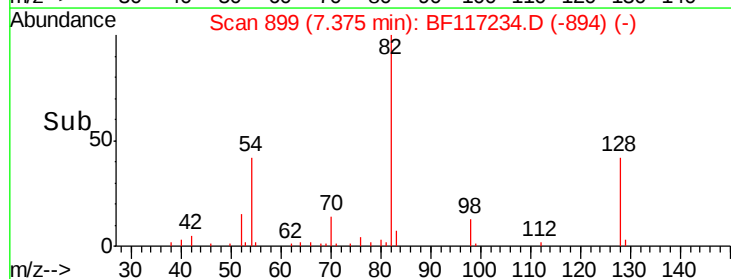
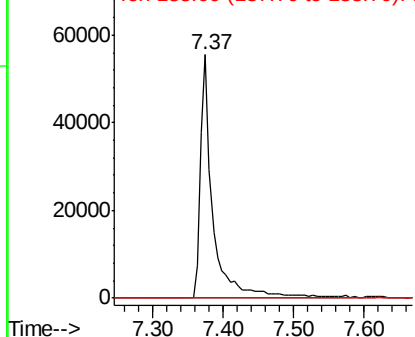


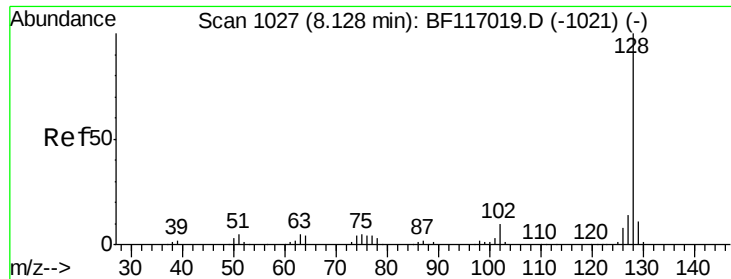
#25
Isophorone
Concen: 18.479 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.27 min
Lab File: BF117234.D
Acq: 24 Sep 2019 23:40

Tgt Ion	82	Resp	69436
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#



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

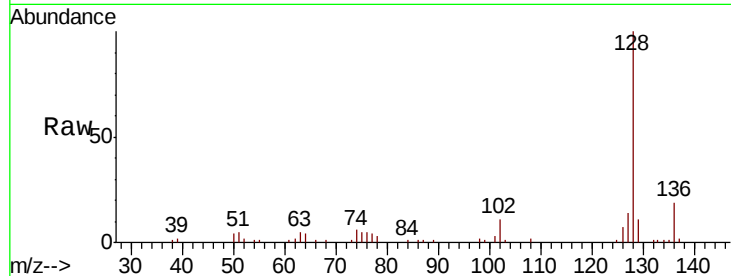




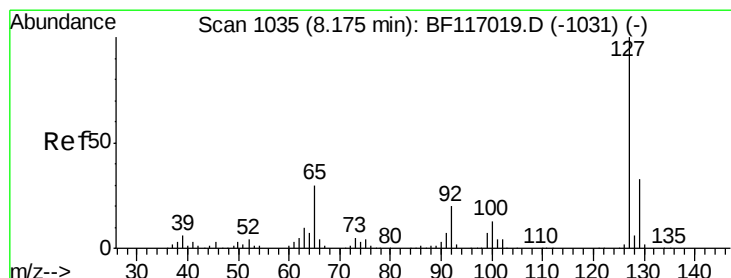
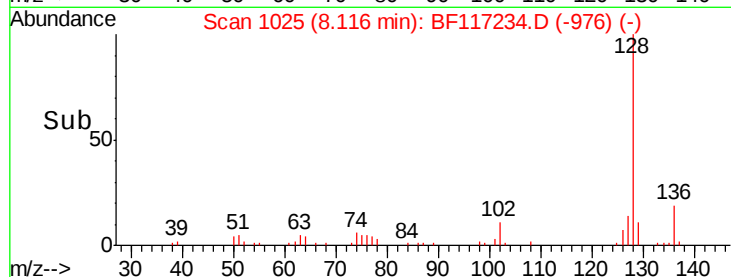
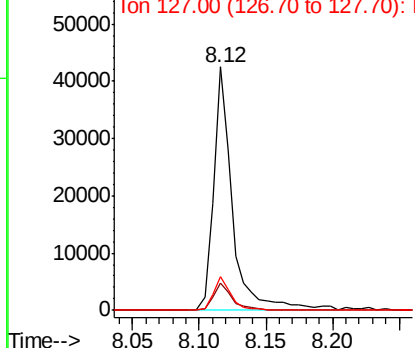
#31
Naphthalene
Concen: 7.848 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF117234.D
Acq: 24 Sep 2019 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 42085
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.9 10.8 16.2

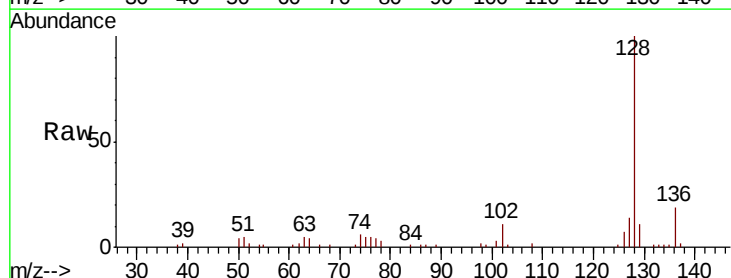


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

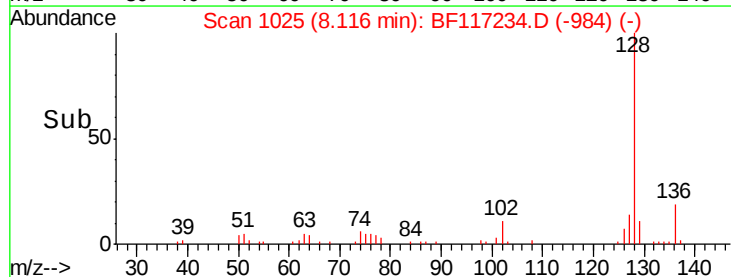
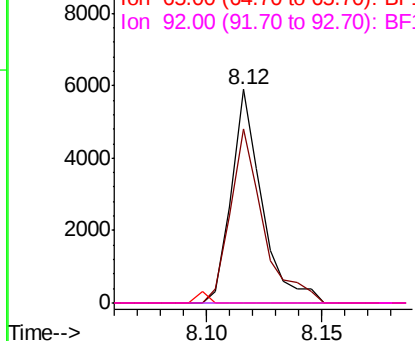


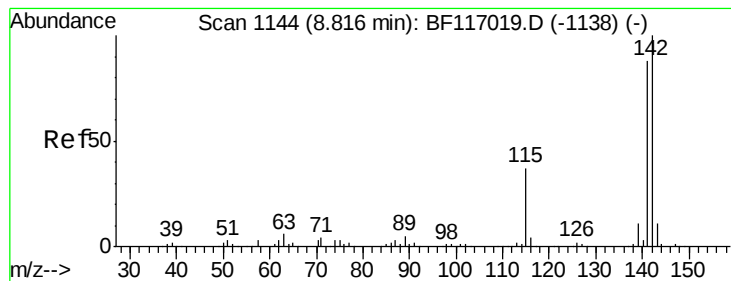
#33
4-Chloroaniline
Concen: 2.288 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.06 min
Lab File: BF117234.D
Acq: 24 Sep 2019 23:40

Tgt Ion:127 Resp: 5442
Ion Ratio Lower Upper
127 100
129 81.3 26.2 39.2#
65 0.0 23.5 35.3#
92 0.0 15.9 23.9#



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

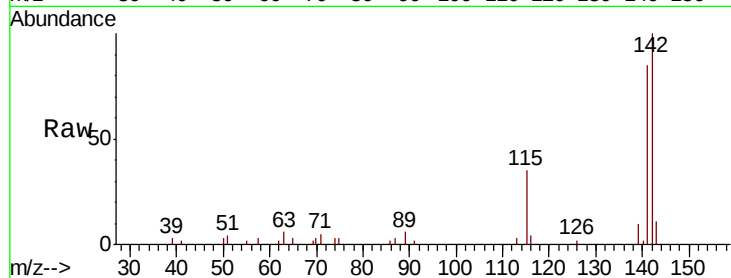




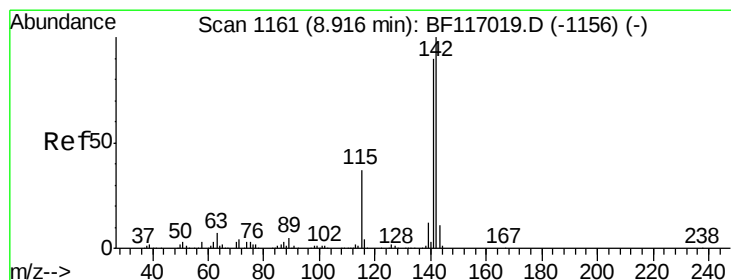
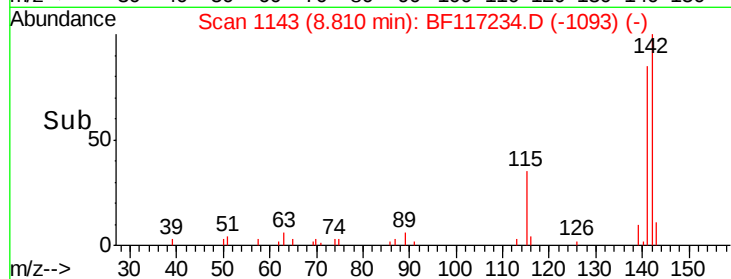
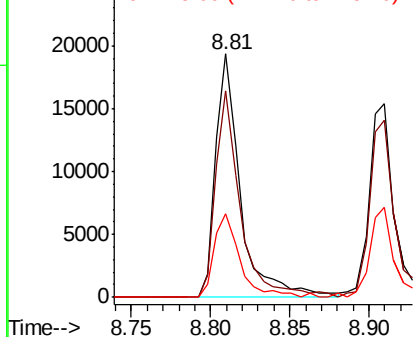
#37
2-Methylnaphthalene
Concen: 5.842 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF117234.D
Acq: 24 Sep 2019 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 21096
Ion Ratio Lower Upper
142 100
141 84.9 70.7 106.1
115 34.5 29.4 44.0

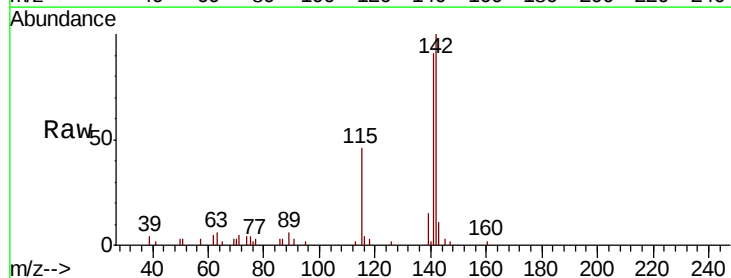


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

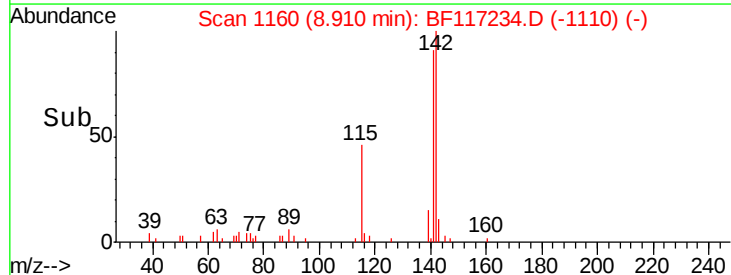
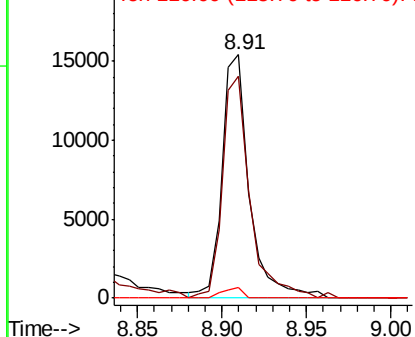


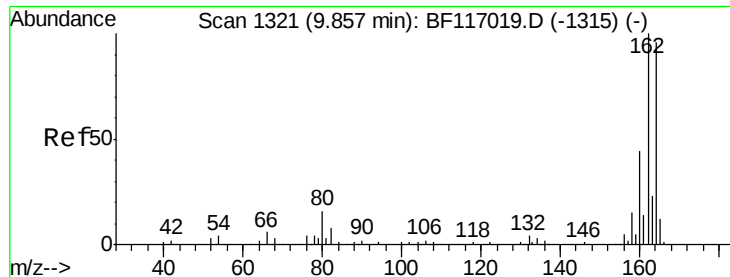
#38
1-Methylnaphthalene
Concen: 5.148 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117234.D
Acq: 24 Sep 2019 23:40

Tgt Ion:142 Resp: 17413
Ion Ratio Lower Upper
142 100
141 91.0 71.9 107.9
116 4.4 3.2 4.8



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

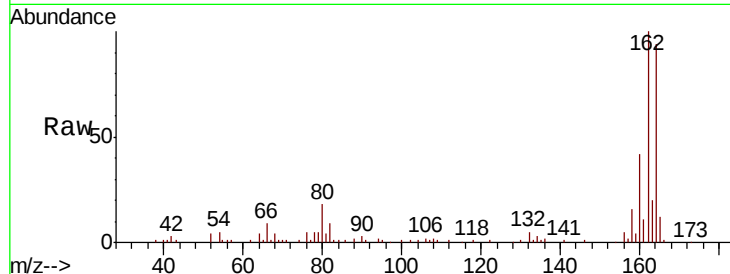




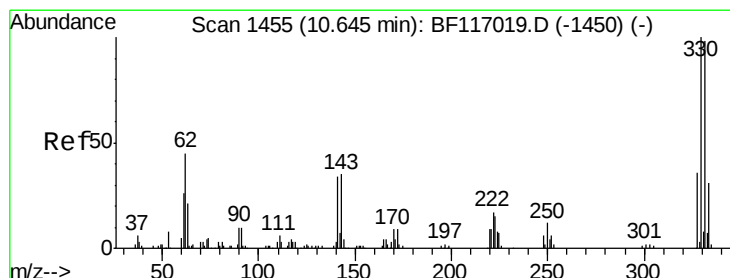
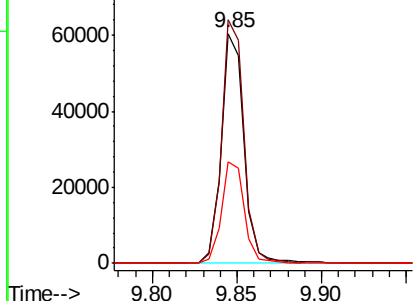
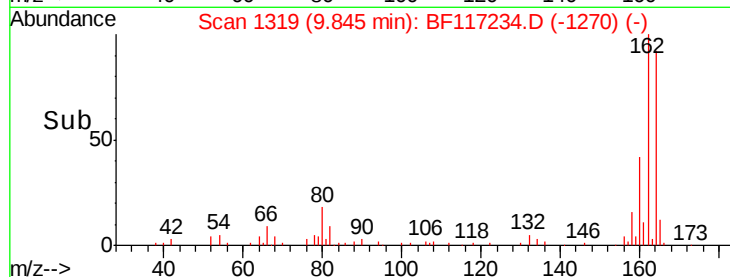
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117234.D
Acq: 24 Sep 2019 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 56440
Ion Ratio Lower Upper
164 100
162 106.1 83.4 125.2
160 44.5 36.4 54.6

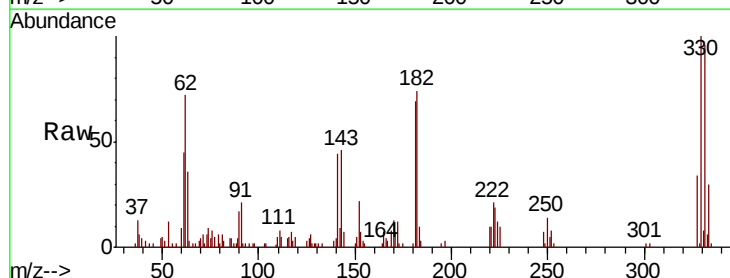


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

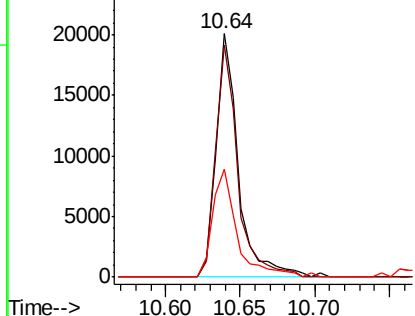
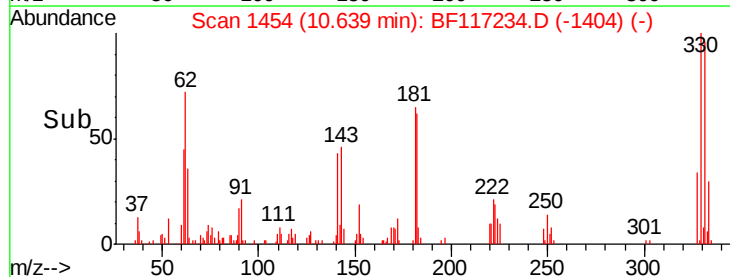


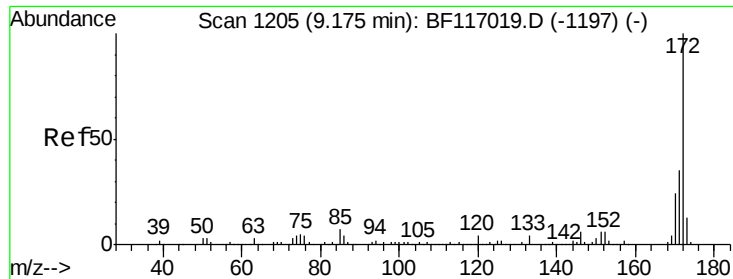
#42
2,4,6-Tribromophenol
Concen: 44.527 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117234.D
Acq: 24 Sep 2019 23:40

Tgt Ion:330 Resp: 21004
Ion Ratio Lower Upper
330 100
332 94.9 78.0 117.0
141 48.4 35.8 53.6



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

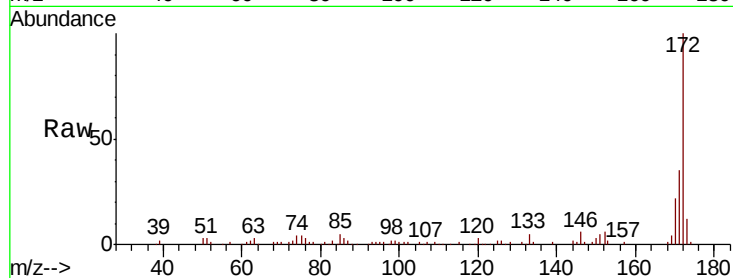




#45
2-Fluorobiphenyl
Concen: 35.831 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117234.D
Acq: 24 Sep 2019 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	21.9	18.9	28.3

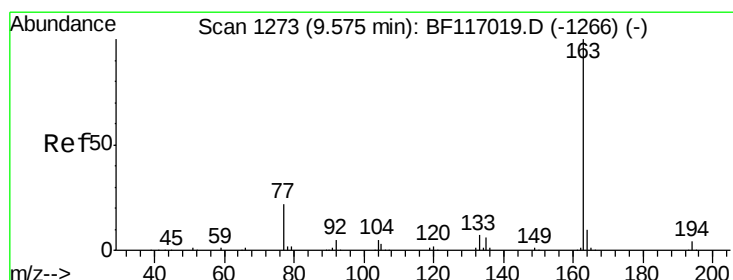
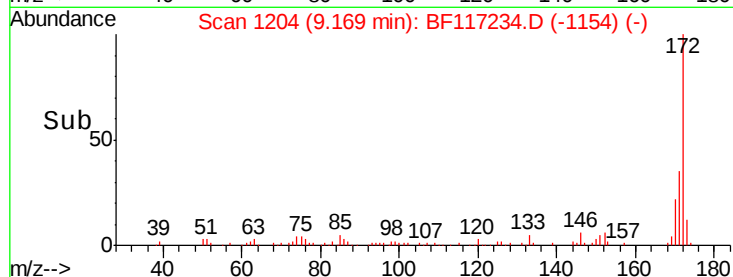
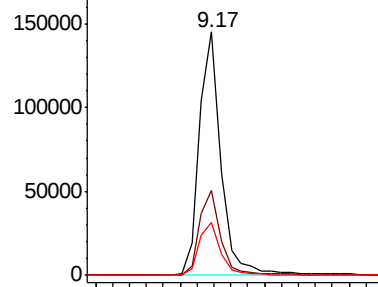


Abundance

Ion 172.00 (171.70 to 172.70): E

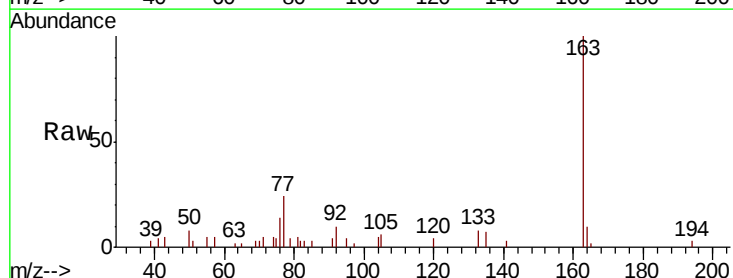
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 3.099 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117234.D
Acq: 24 Sep 2019 23:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.9	4.3
164	9.5	8.2	12.4

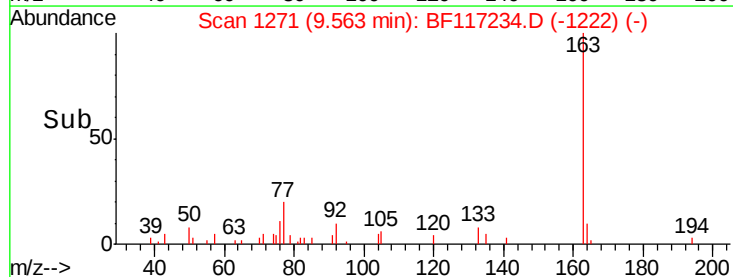
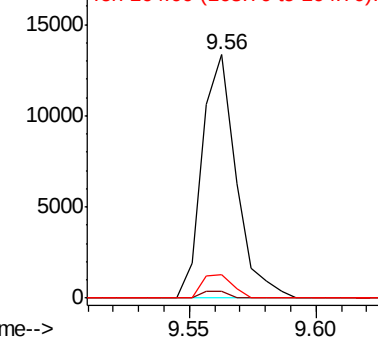


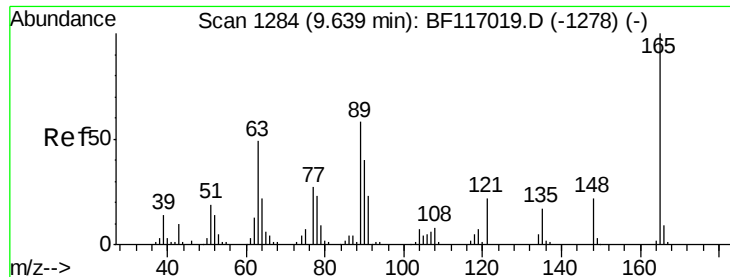
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 10.125 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF117234.D

Acq: 24 Sep 2019 23:40

Instrument :

BNA_F

ClientSampled :

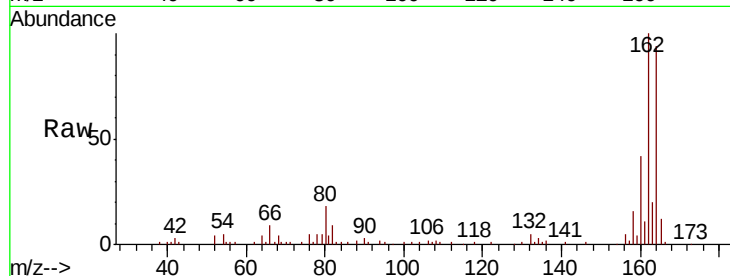
Tot Ion:165 Resp: 8241

Ion Ratio Lower Upper

165 100

63 0.0 41.8 62.8#

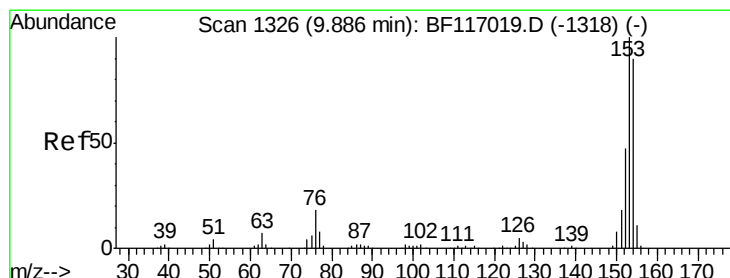
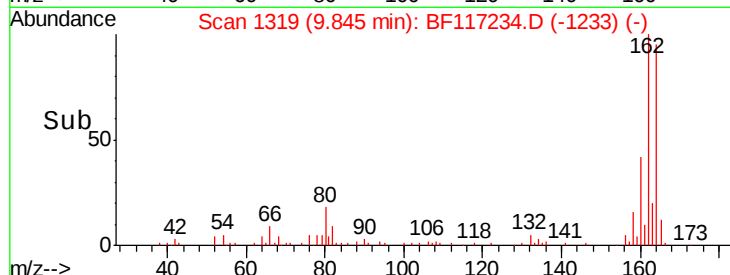
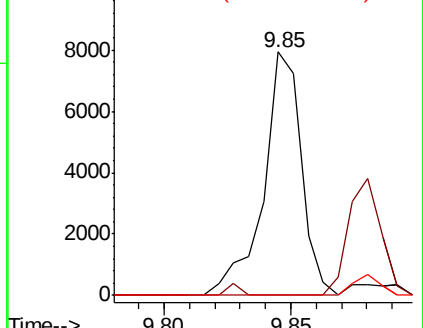
89 0.0 46.5 69.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 13.534 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF117234.D

Acq: 24 Sep 2019 23:40

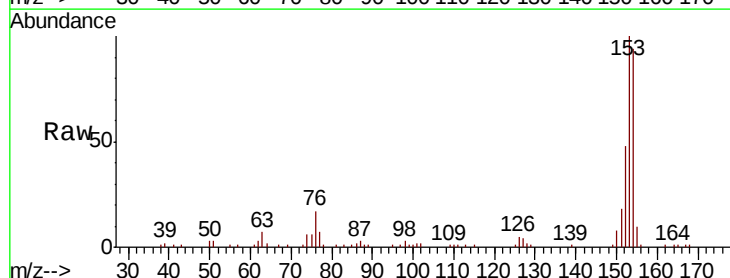
Tgt Ion:154 Resp: 41991

Ion Ratio Lower Upper

154 100

153 106.6 89.0 133.6

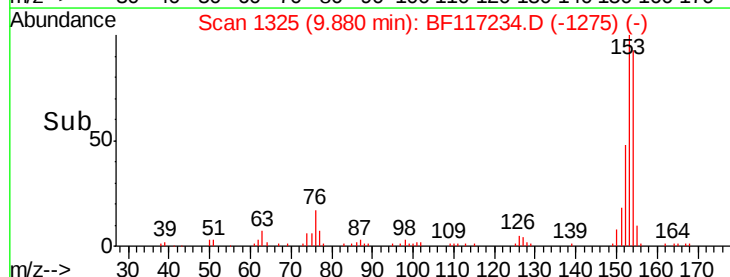
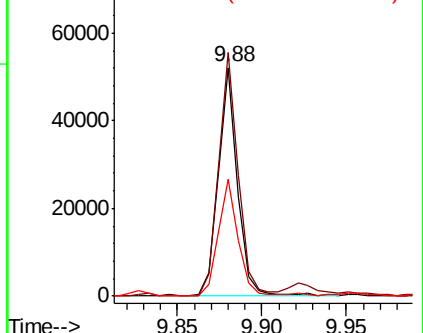
152 51.2 41.9 62.9

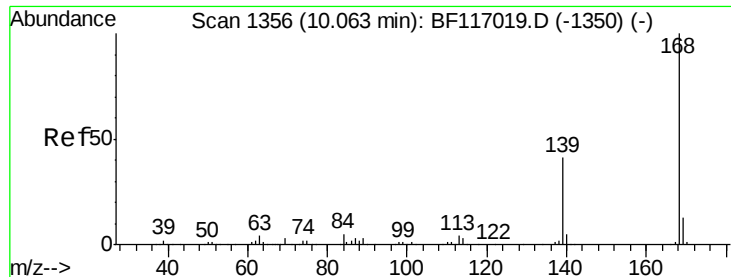


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#55

Dibenzenofuran

Concen: 13.999 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF117234.D

Acq: 24 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

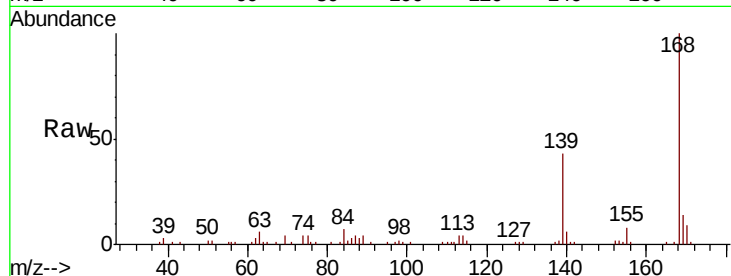
Tot Ion:168 Resp: 64084

Ion Ratio Lower Upper

168 100

139 43.1 32.8 49.2

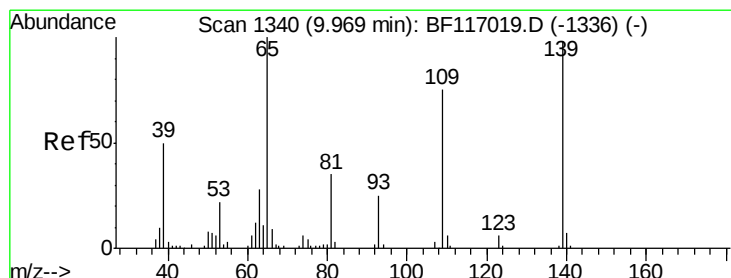
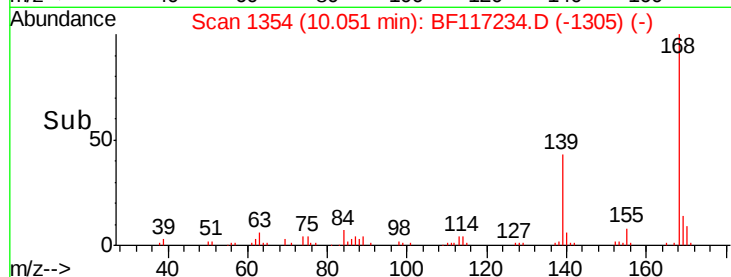
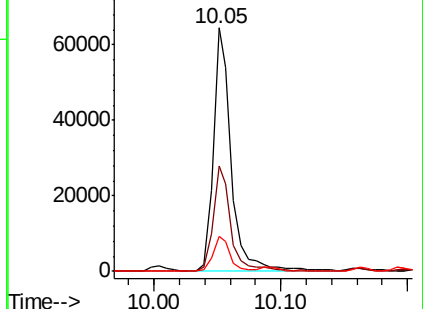
169 14.3 10.5 15.7



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: 40.791 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.08 min

Lab File: BF117234.D

Acq: 24 Sep 2019 23:40

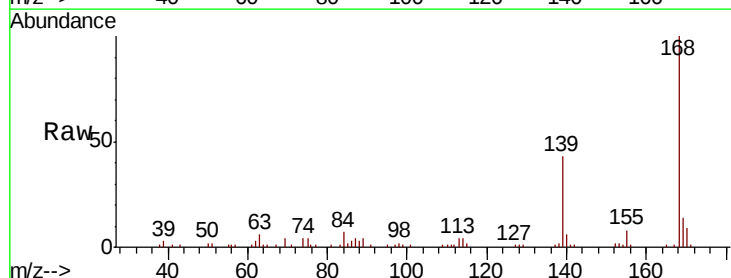
Tgt Ion:139 Resp: 27148

Ion Ratio Lower Upper

139 100

109 2.0 56.4 96.4#

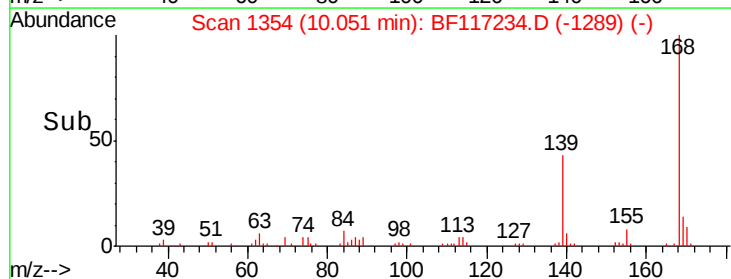
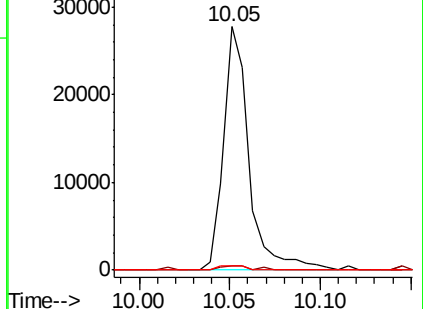
65 2.0 82.5 122.5#

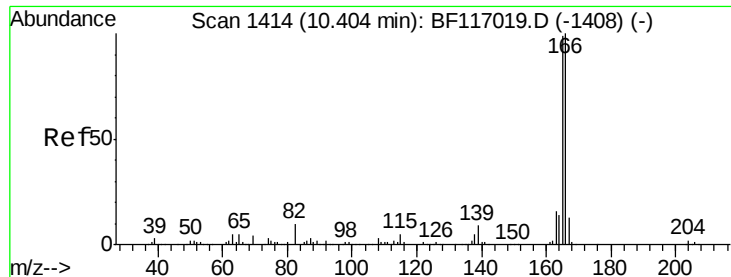


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

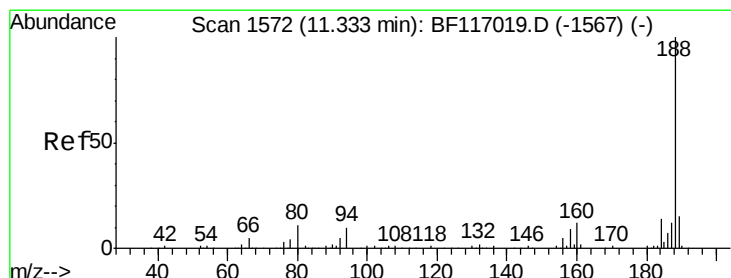
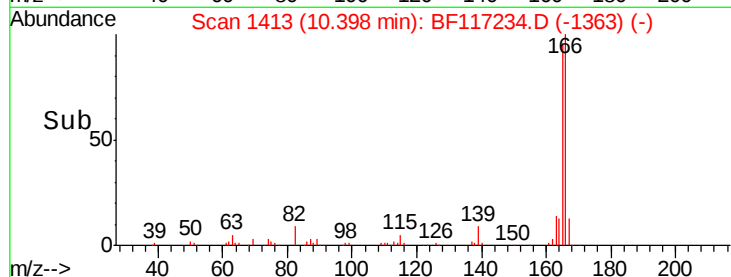
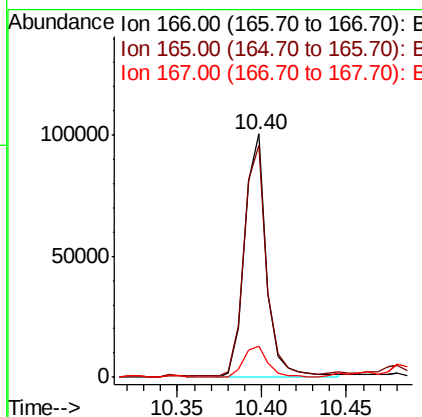
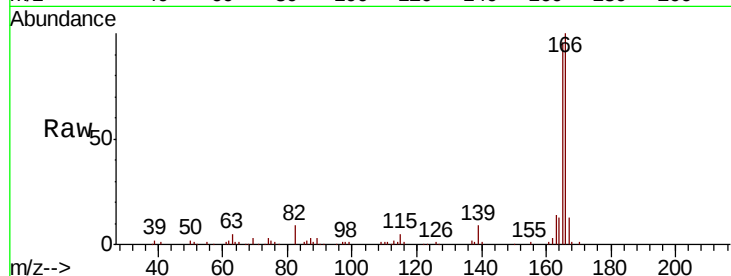




#58
 Fluorene
 Concen: 24.858 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF117234.D
 Acq: 24 Sep 2019 23:40

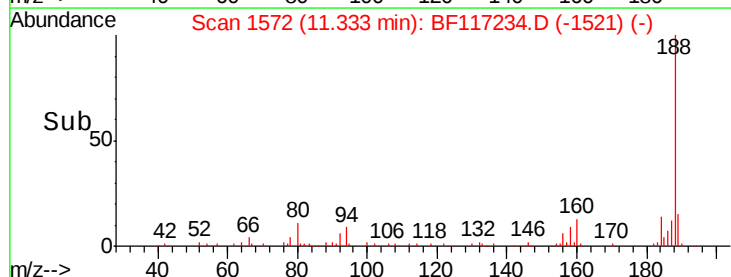
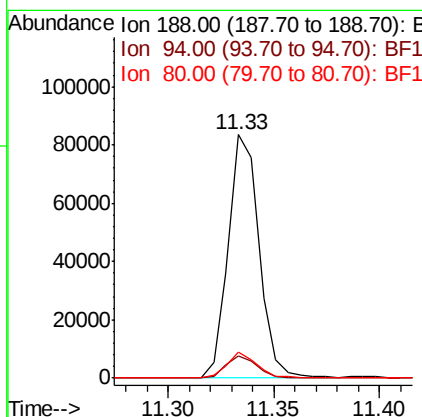
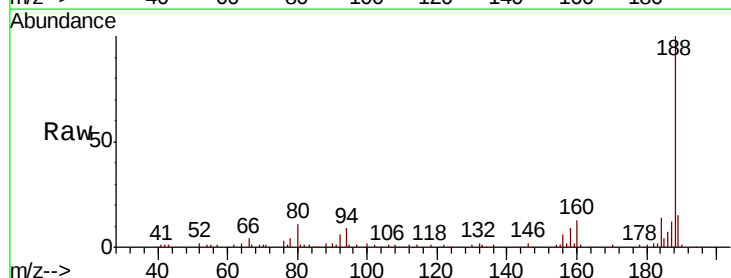
Instrument :
 BNA_F
 ClientSampled :

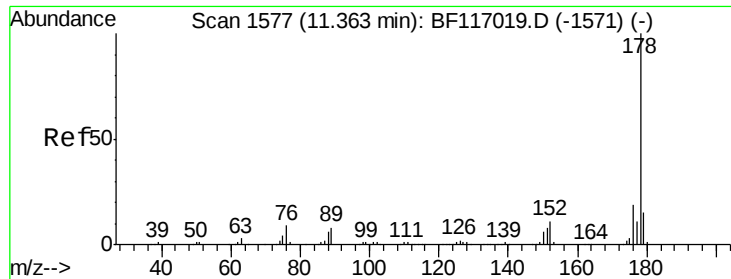
Tot Ion:166 Resp: 91668
 Ion Ratio Lower Upper
 166 100
 165 95.5 78.9 118.3
 167 12.9 10.6 15.8



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF117234.D
 Acq: 24 Sep 2019 23:40

Tgt Ion:188 Resp: 84141
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.2 12.2
 80 10.8 9.0 13.6





#71

Phenanthrene

Concen: 107.947 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BF117234.D

Acq: 24 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

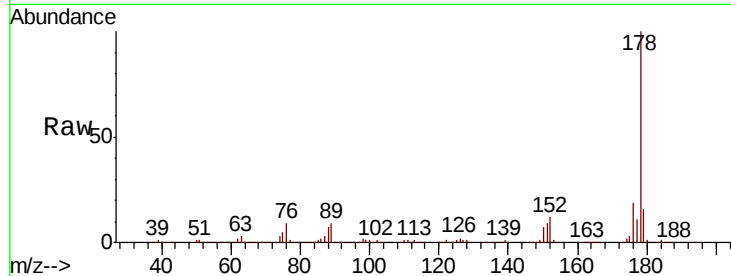
Tot Ion:178 Resp: 515898

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

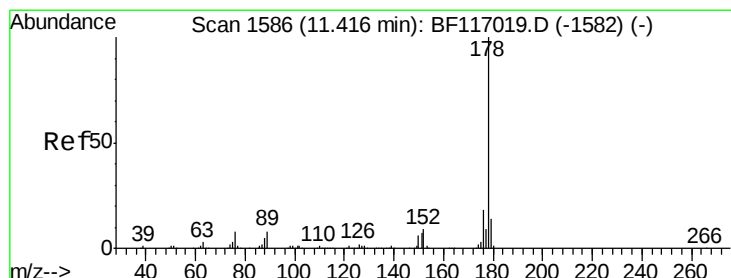
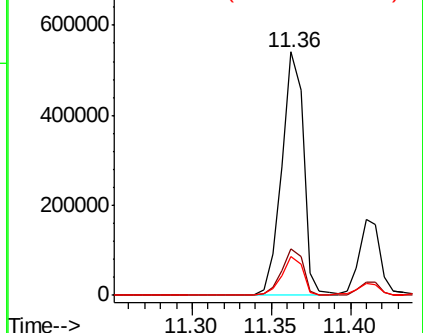
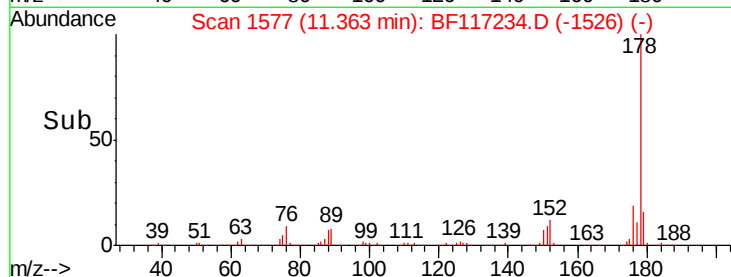
179 15.7 12.4 18.6



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: 34.802 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF117234.D

Acq: 24 Sep 2019 23:40

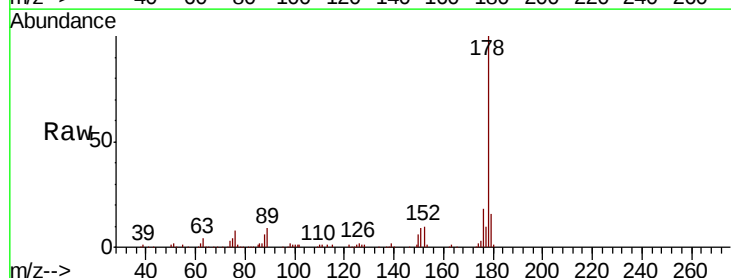
Tgt Ion:178 Resp: 169803

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

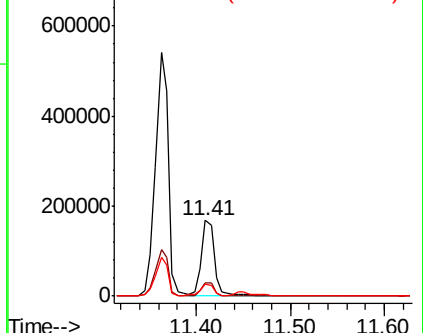
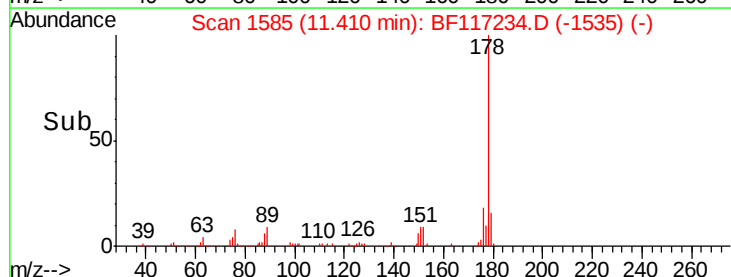
179 15.8 11.6 17.4

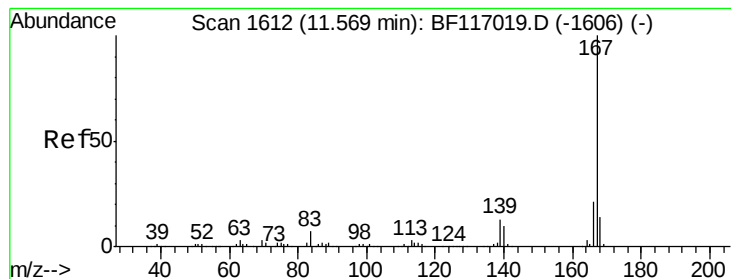


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 10.973 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF117234.D

Acq: 24 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

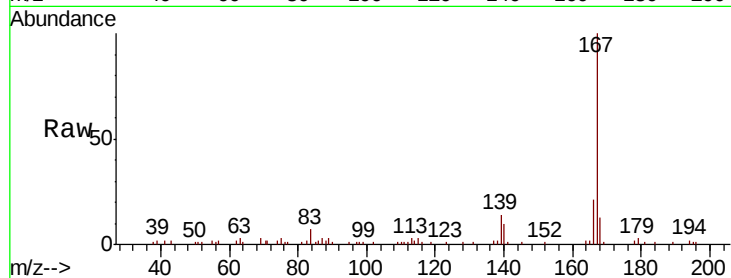
Tot Ion:167 Resp: 50819

Ion Ratio Lower Upper

167 100

166 21.1 17.2 25.8

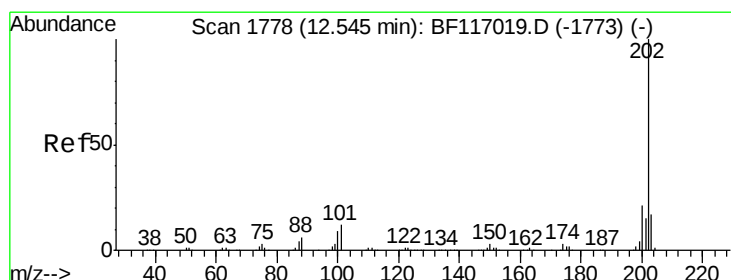
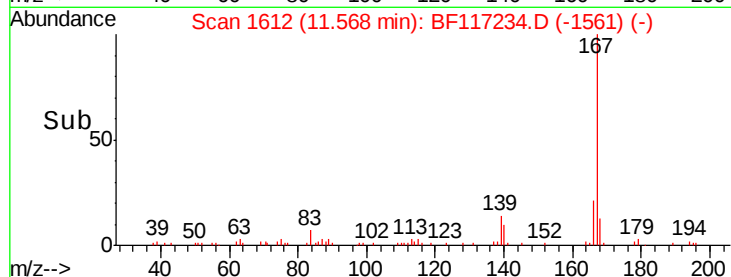
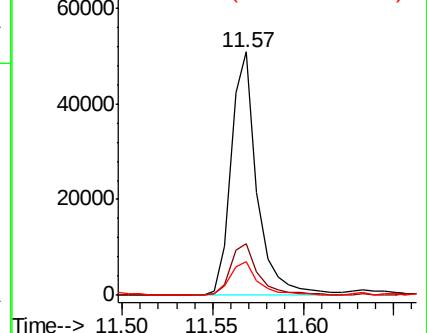
139 13.7 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Fluoranthene

Concen: 88.773 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF117234.D

Acq: 24 Sep 2019 23:40

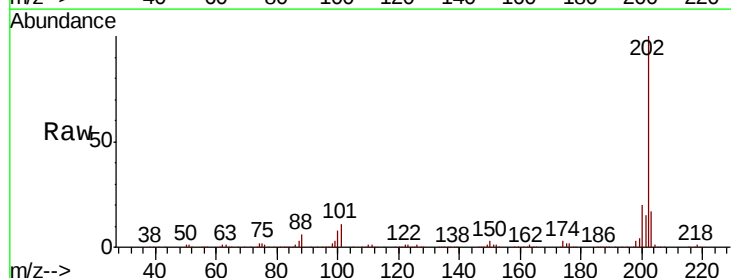
Tgt Ion:202 Resp: 435928

Ion Ratio Lower Upper

202 100

101 11.1 0.0 32.3

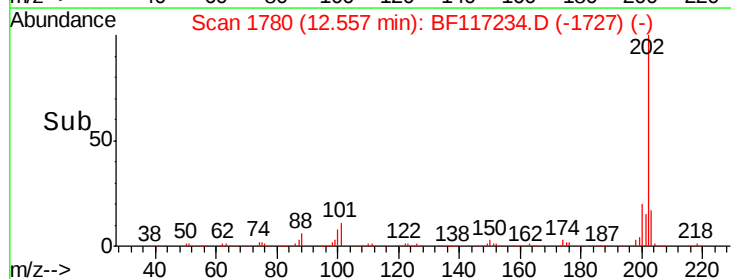
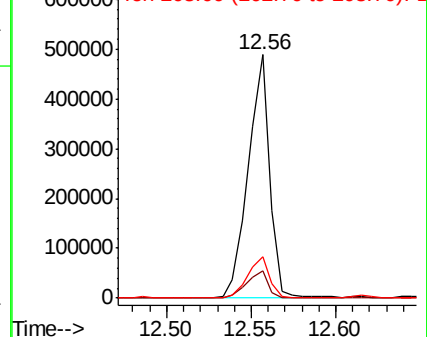
203 17.1 0.0 37.1

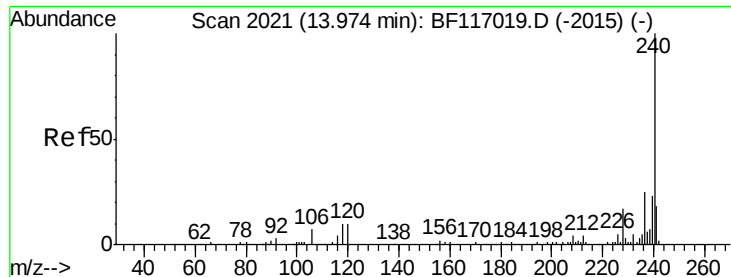


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

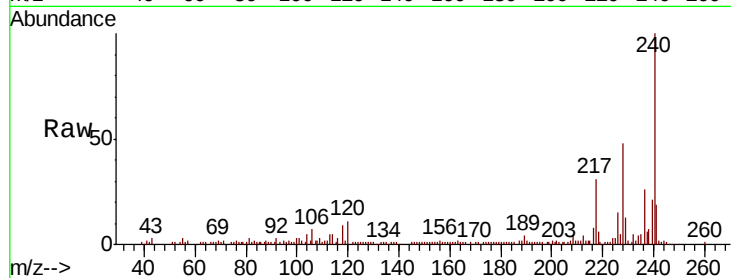




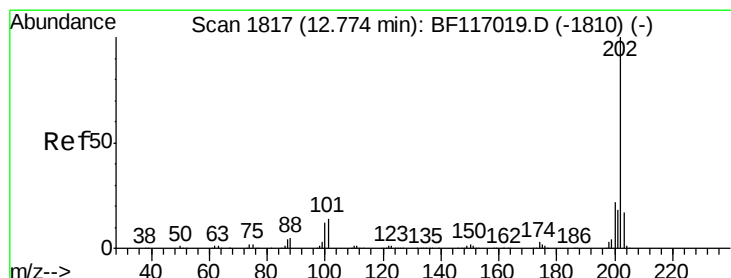
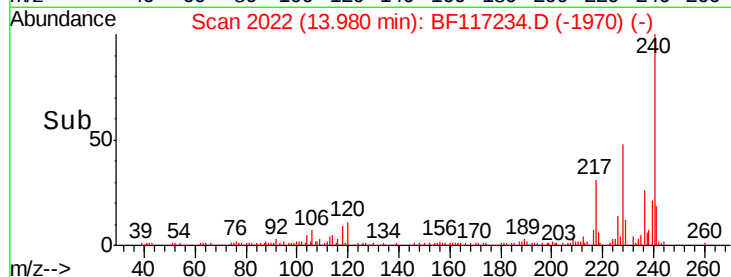
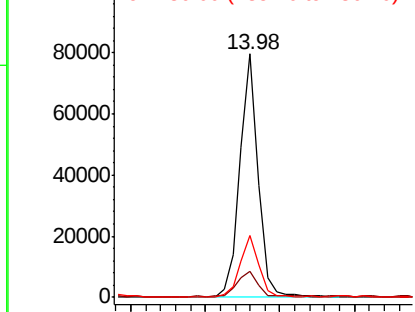
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF117234.D
Acq: 24 Sep 2019 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 68509
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 25.6 20.3 30.5

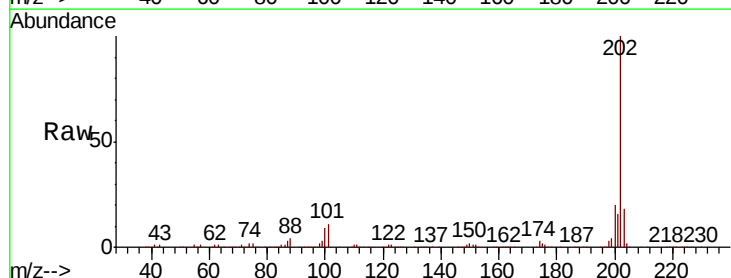


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

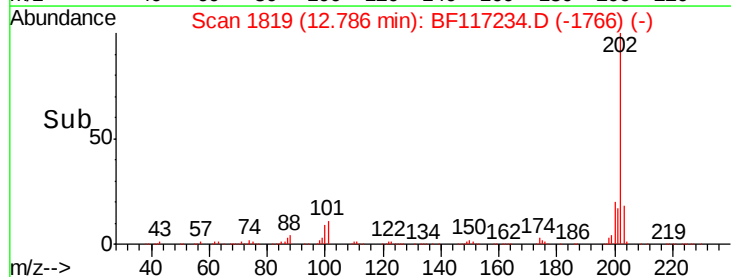
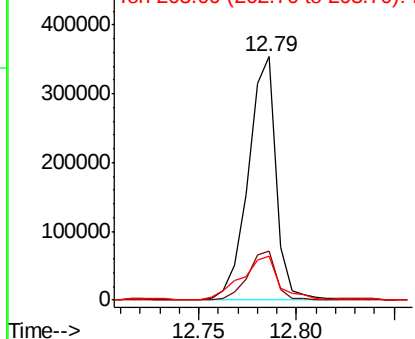


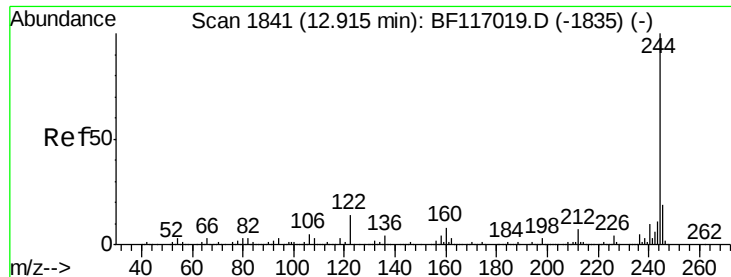
#78
Pyrene
Concen: 60.660 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF117234.D
Acq: 24 Sep 2019 23:40

Tgt Ion:202 Resp: 348699
Ion Ratio Lower Upper
202 100
200 20.2 17.2 25.8
203 17.9 14.0 21.0



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

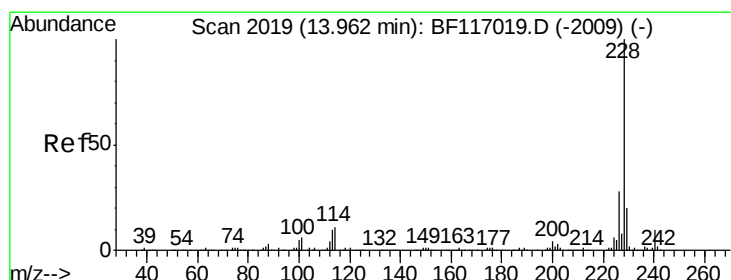
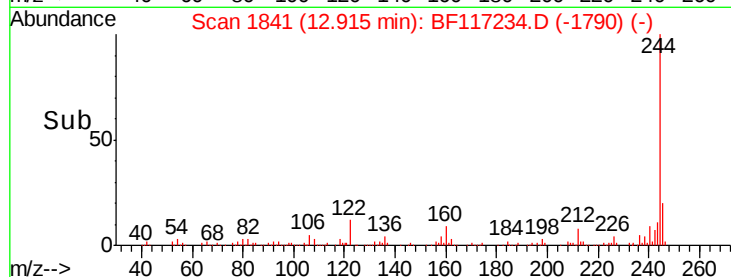
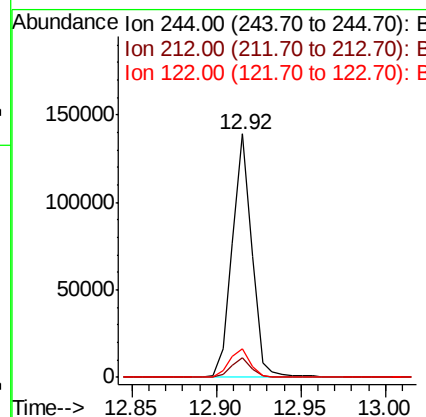
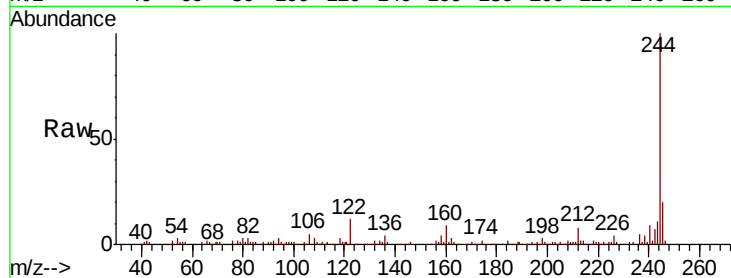




#79
 Terphenyl-d14
 Concen: 30.558 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF117234.D
 Acq: 24 Sep 2019 23:40

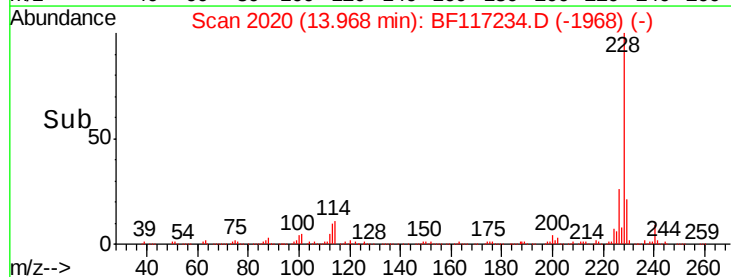
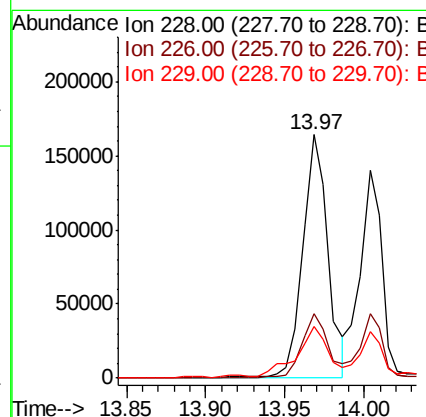
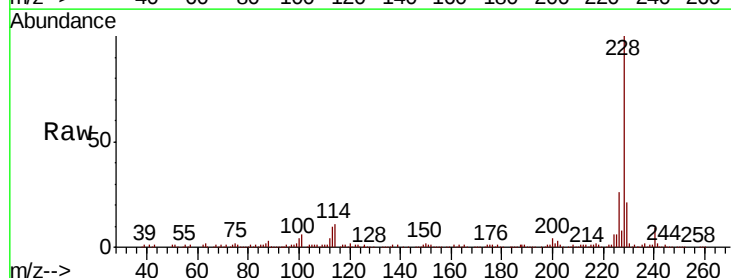
Instrument :
 BNA_F
 ClientSampleId :

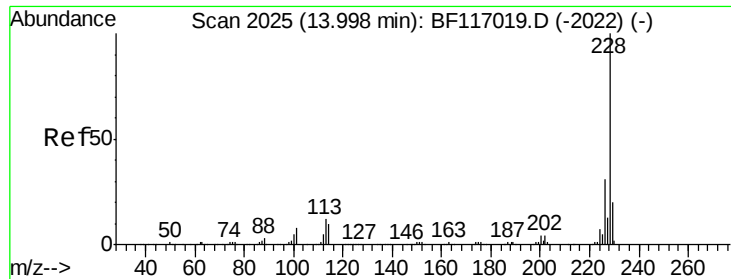
Tot Ion:244 Resp: 111998
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 11.9 11.3 16.9



#81
 Benzo(a)anthracene
 Concen: 39.757 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF117234.D
 Acq: 24 Sep 2019 23:40

Tgt Ion:228 Resp: 181977
 Ion Ratio Lower Upper
 228 100
 226 26.4 22.3 33.5
 229 21.0 15.9 23.9

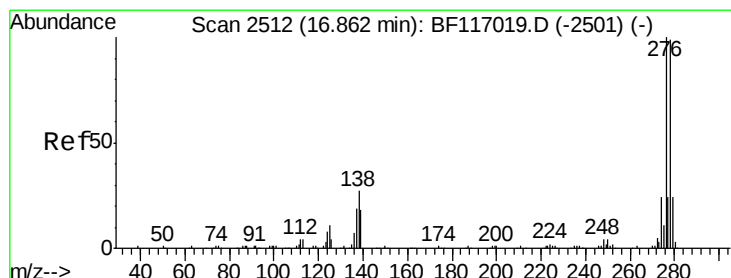
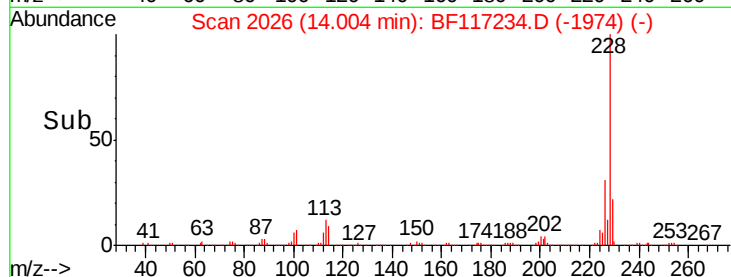
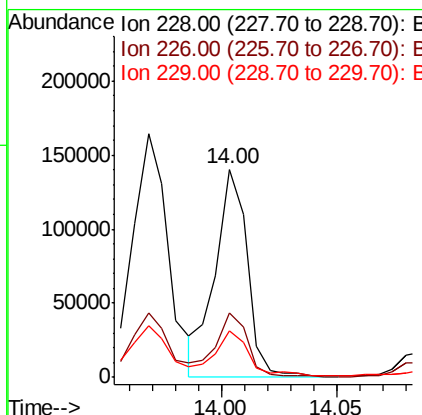
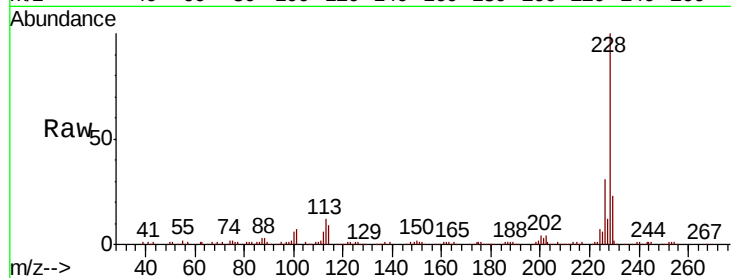




#83
Chrysene
Concen: 30.489 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF117234.D
Acq: 24 Sep 2019 23:40

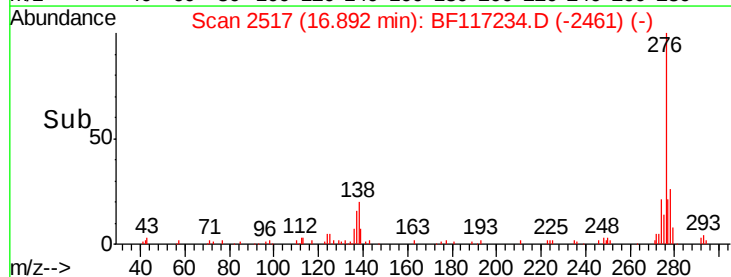
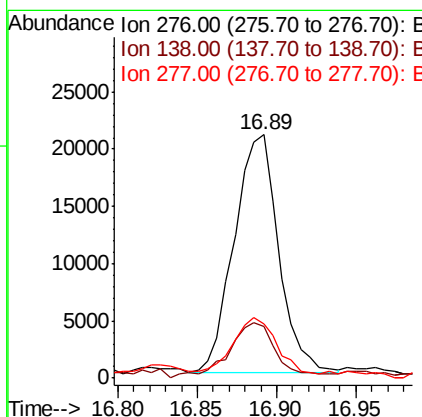
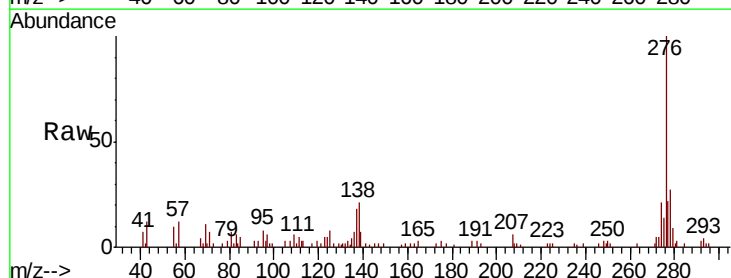
Instrument :
BNA_F
ClientSampleId :

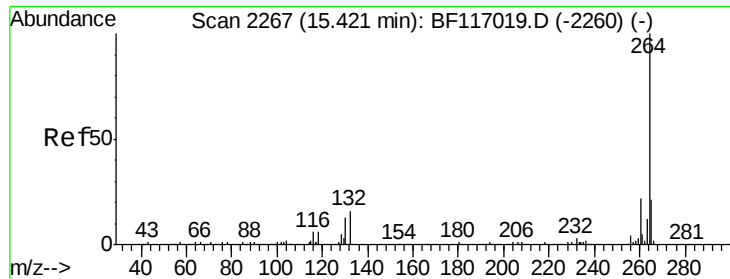
Tot Ion:228 Resp: 136110
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 22.6 15.8 23.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 12.377 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.03 min
Lab File: BF117234.D
Acq: 24 Sep 2019 23:40

Tgt Ion:276 Resp: 40312
Ion Ratio Lower Upper
276 100
138 24.9 20.7 31.1
277 23.6 19.8 29.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF117234.D

Acq: 24 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

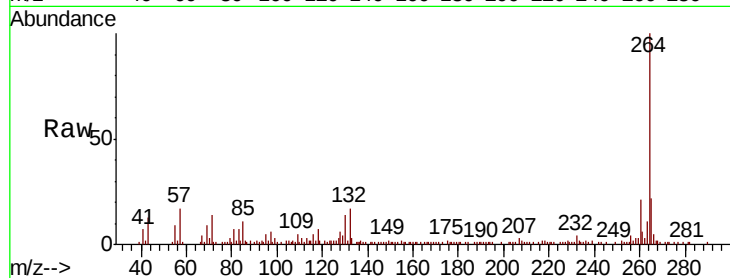
Tot Ion:264 Resp: 63111

Ion Ratio Lower Upper

264 100

260 21.0 17.6 26.4

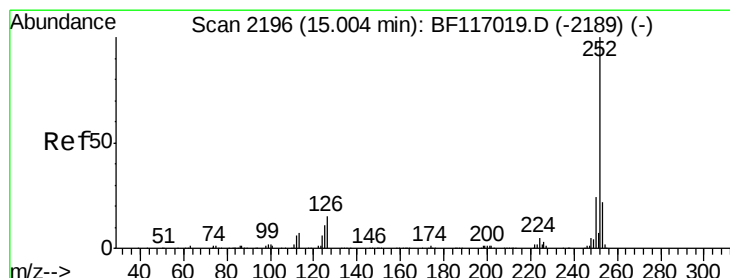
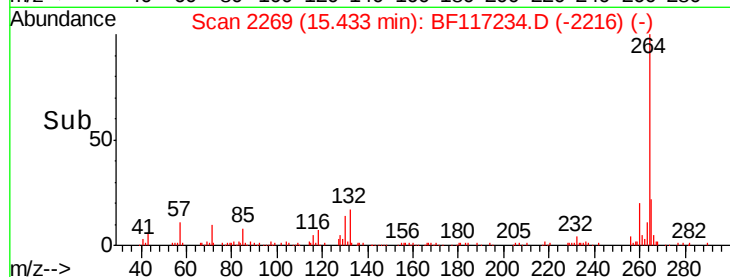
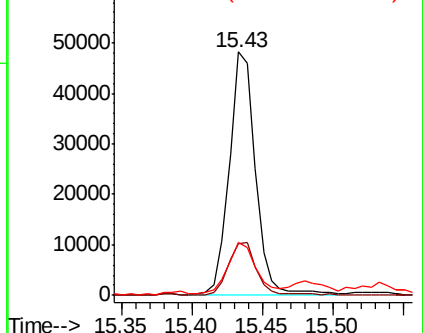
265 21.6 16.6 24.8



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: 48.240 ng

RT: 15.02 min Scan# 2198

Delta R.T. 0.01 min

Lab File: BF117234.D

Acq: 24 Sep 2019 23:40

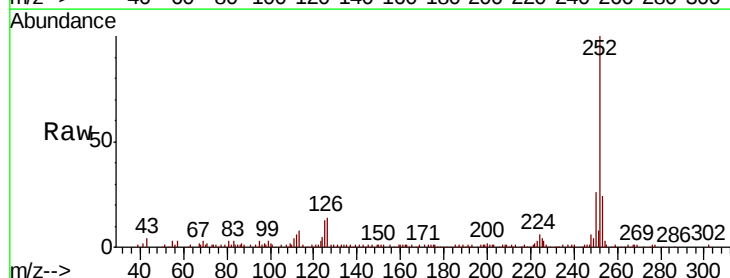
Tgt Ion:252 Resp: 184415

Ion Ratio Lower Upper

252 100

253 24.1 17.6 26.4

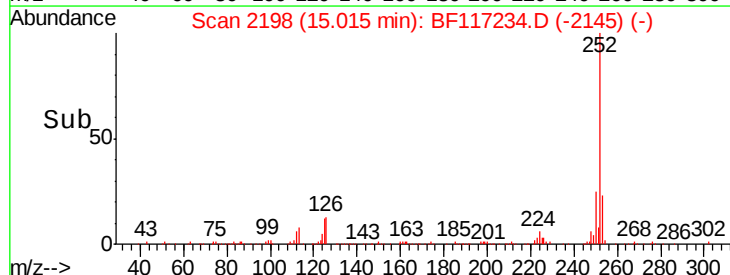
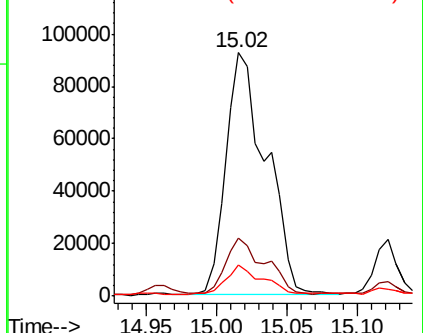
125 12.6 8.6 12.8

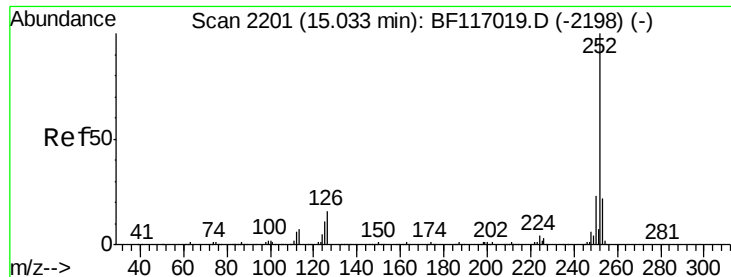


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 50.925 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BF117234.D

Acq: 24 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

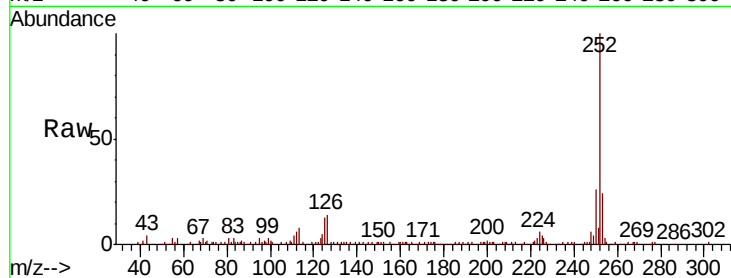
Tot Ion:252 Resp: 184415

Ion Ratio Lower Upper

252 100

253 24.1 17.4 26.2

125 12.6 8.8 13.2

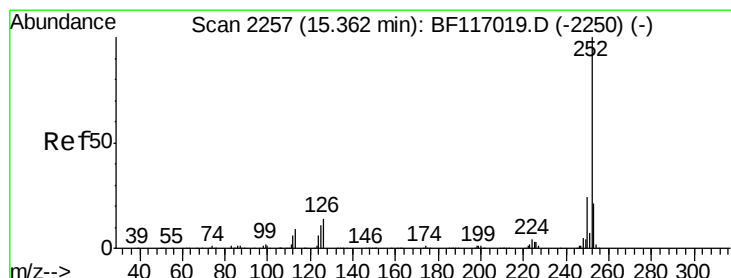
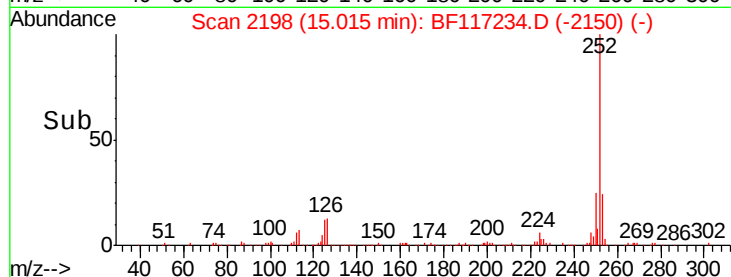
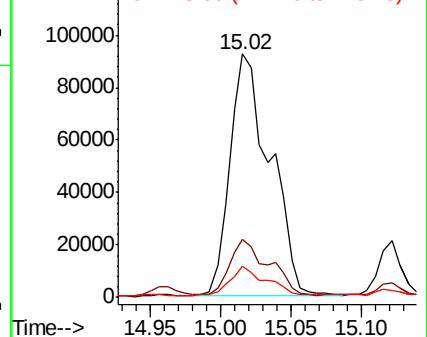


Abundance

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



#90

Benzo(a)pyrene

Concen: 28.948 ng

RT: 15.37 min Scan# 2259

Delta R.T. 0.01 min

Lab File: BF117234.D

Acq: 24 Sep 2019 23:40

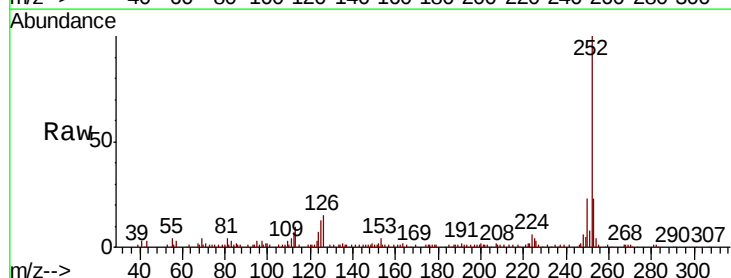
Tgt Ion:252 Resp: 97111

Ion Ratio Lower Upper

252 100

253 22.8 16.6 25.0

125 12.8 8.9 13.3

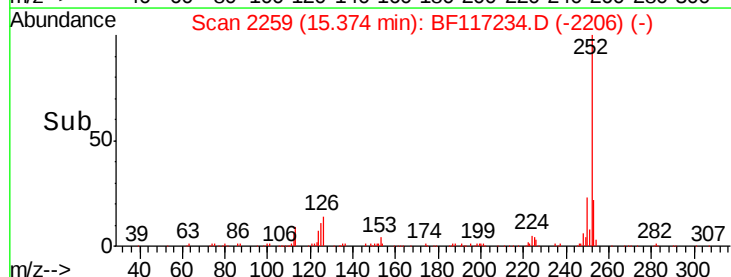
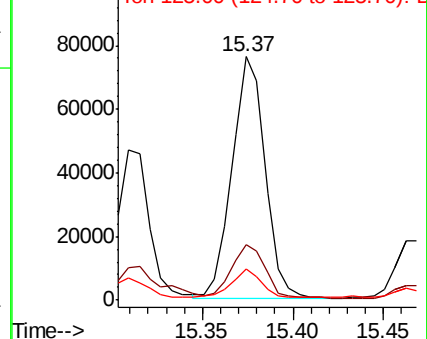


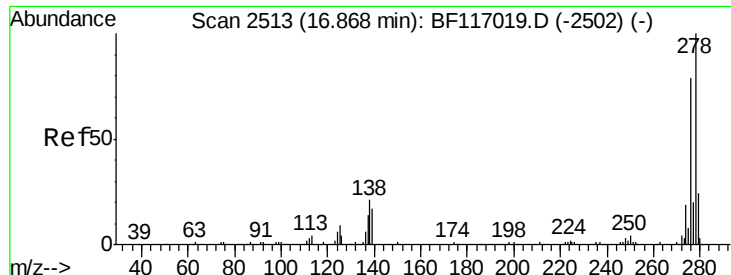
Abundance

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

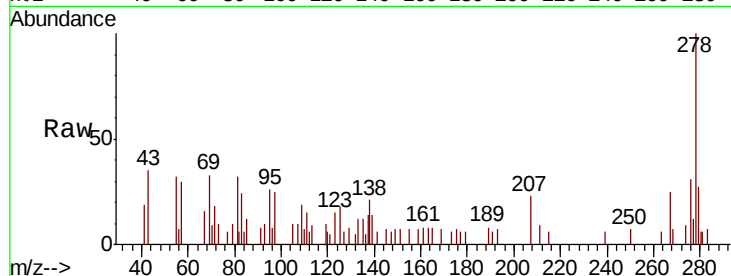




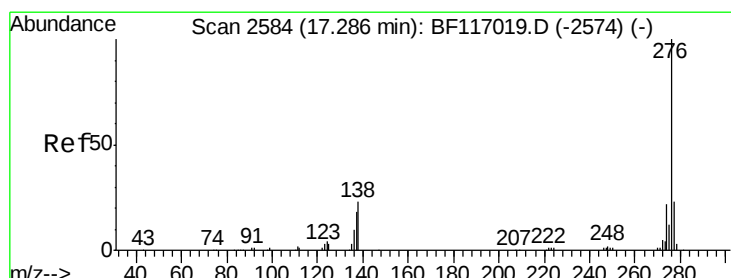
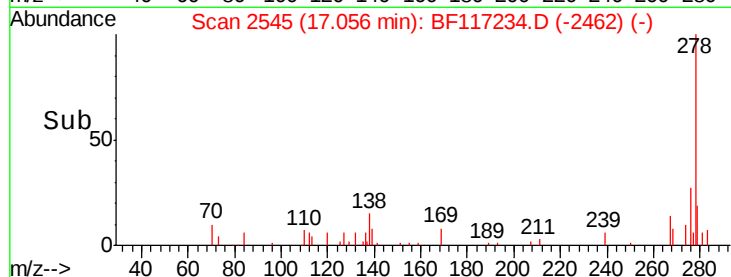
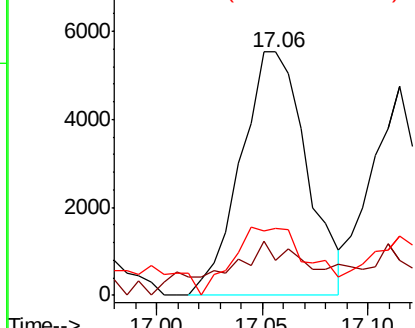
#91
Dibenzo(a,h)anthracene
Concen: 4.495 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.19 min
Lab File: BF117234.D
Acq: 24 Sep 2019 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 12012
Ion Ratio Lower Upper
278 100
139 14.3 13.5 20.3
279 27.5 18.8 28.2

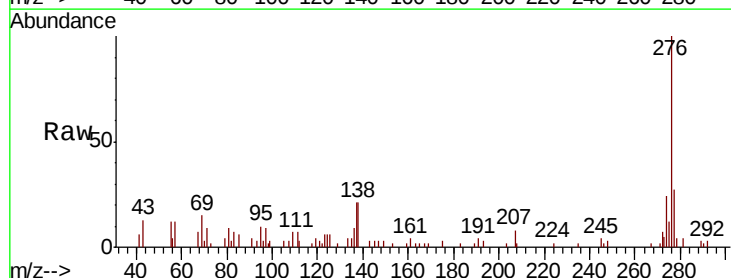


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 13.257 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.04 min
Lab File: BF117234.D
Acq: 24 Sep 2019 23:40

Tgt Ion:276 Resp: 35305
Ion Ratio Lower Upper
276 100
277 26.9 18.6 27.8
138 21.1 18.0 27.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

