

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
 Data File : BF119160.D
 Acq On : 29 Feb 2020 16:02
 Operator : CG/JU
 Sample : L1696-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 05:45:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	155108	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	605033	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	326151	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	541946	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	336976	20.00	ng	-0.02
87) Perylene-d12	15.31	264	385736	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	781533	84.20	ng	0.00
7) Phenol-d6	6.38	99	941585	83.42	ng	-0.02
23) Nitrobenzene-d5	7.30	82	632359	55.18	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	322258	75.53	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1214299	54.85	ng	-0.02
79) Terphenyl-d14	12.83	244	1153001	58.91	ng	-0.02

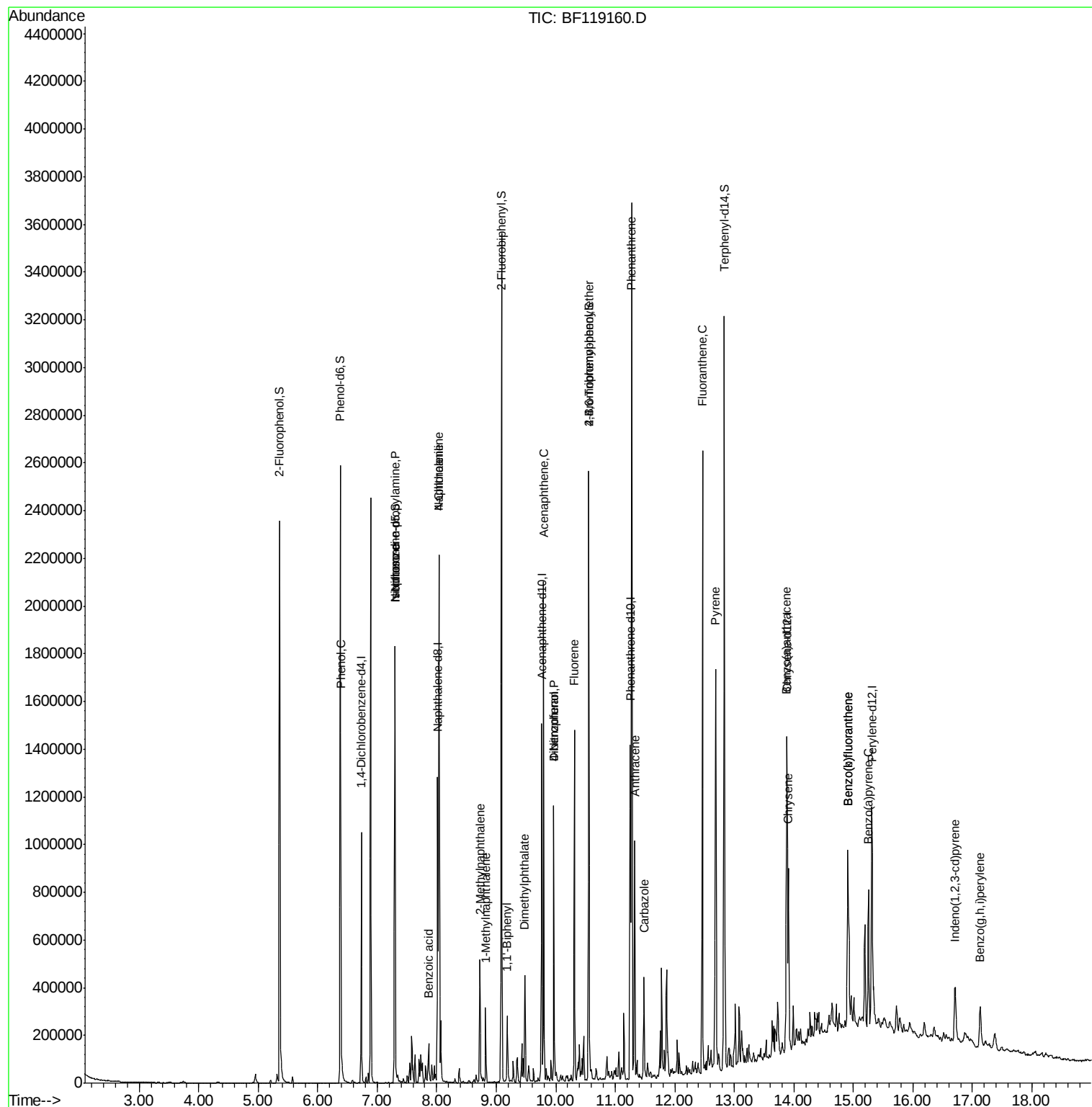
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.39	94	92606	7.588	ng	# 76
19) n-Nitroso-di-n-propylamine	7.30	70	87766	13.344	ng	# 75
25) Isophorone	7.30	82	627081	31.510	ng	# 63
31) Naphthalene	8.03	128	355414	11.327	ng	# 99
32) Benzoic acid	7.86	122	1448	6.890	ng	# 12
33) 4-Chloroaniline	8.03	127	47658	3.531	ng	# 44
37) 2-Methylnaphthalene	8.73	142	138248	6.547	ng	# 98
38) 1-Methylnaphthalene	8.82	142	87061	4.384	ng	# 96
46) 1,1'-Biphenyl	9.19	154	85307	3.236	ng	# 97
50) Dimethylphthalate	9.49	163	190197	7.626	ng	# 98
52) Acenaphthene	9.80	154	414576	22.410	ng	# 99
55) Dibenzofuran	9.97	168	414544	15.013	ng	# 96
56) 4-Nitrophenol	9.97	139	158606	42.974	ng	# 10
58) Fluorene	10.31	166	406162	18.930	ng	# 99
67) 4-Bromophenyl-phenylether	10.56	248	21770	3.073	ng	# 1
71) Phenanthrene	11.27	178	1454422	49.211	ng	# 99
72) Anthracene	11.33	178	393654	13.330	ng	# 96
73) Carbazole	11.48	167	156025	5.931	ng	# 95
75) Fluoranthene	12.46	202	999842	31.871	ng	# 98
78) Pvrene	12.69	202	752019	27.792	ng	# 98
81) Benzo(a)anthracene	13.87	228	348711	15.188	ng	# 99
83) Chrysene	13.91	228	301444	13.176	ng	# 97
86) Indeno(1,2,3-cd)pyrene	16.71	276	146740	6.624	ng	# 97
88) Benzo(b)fluoranthene	14.90	252	541116	21.282	ng	# 99
89) Benzo(k)fluoranthene	14.90	252	541116	22.965	ng	# 98
90) Benzo(a)pyrene	15.25	252	275123	11.989	ng	# 98
92) Benzo(g,h,i)perylene	17.13	276	136605	6.847	ng	# 98

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

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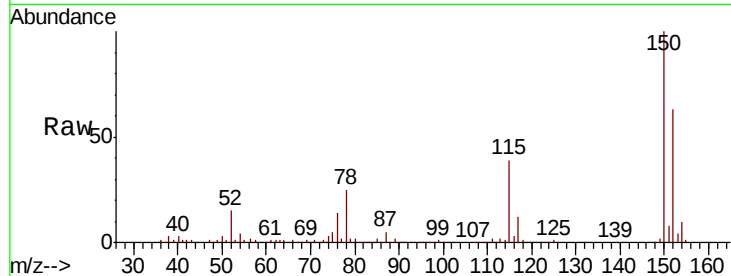


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.0	184.6
115	61.1	49.5	74.3

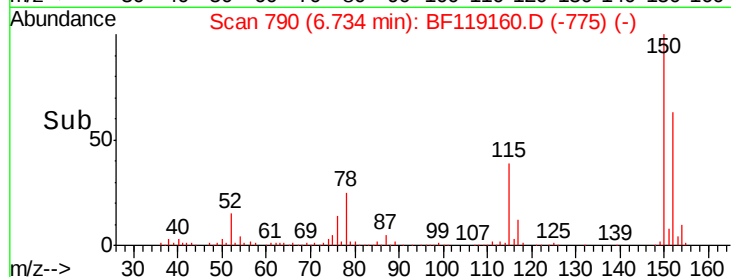
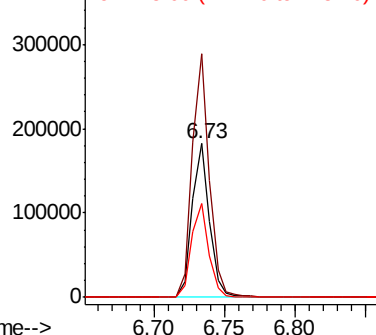


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

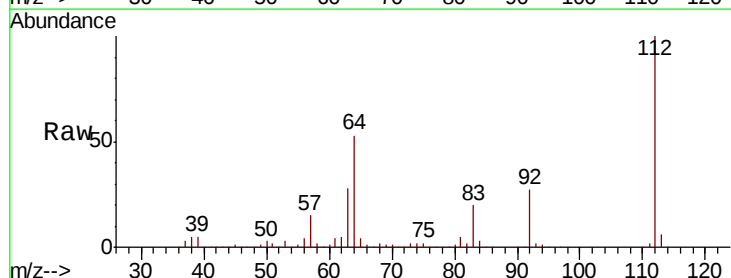
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 84.205 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	45.0	67.4
63	27.7	24.2	36.4

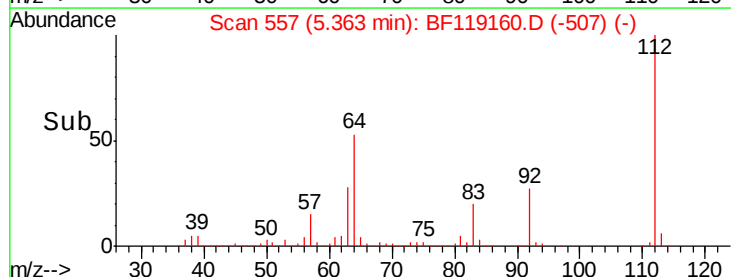
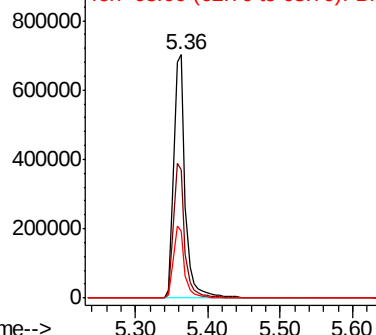


Abundance

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: 83.416 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119160.D

Acq: 29 Feb 2020 16:02

Instrument :

BNA_F

ClientSampleId :

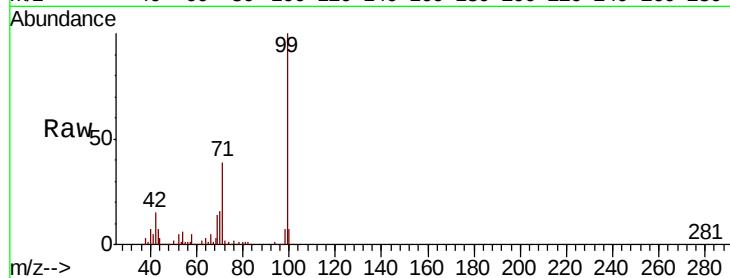
Tot Ion: 99 Resp: 941585

Ion Ratio Lower Upper

99 100

42 15.2 12.6 18.8

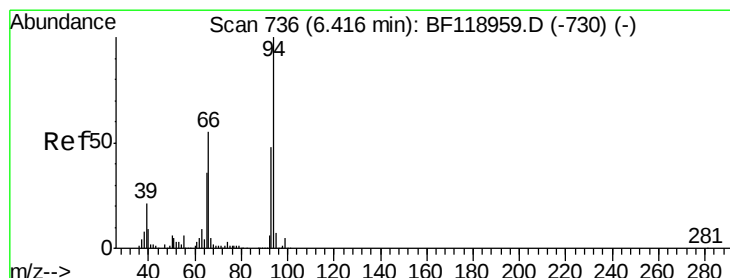
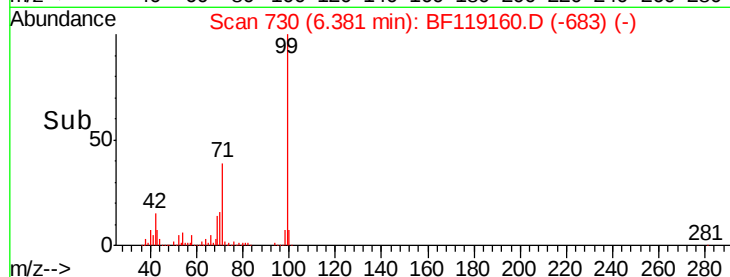
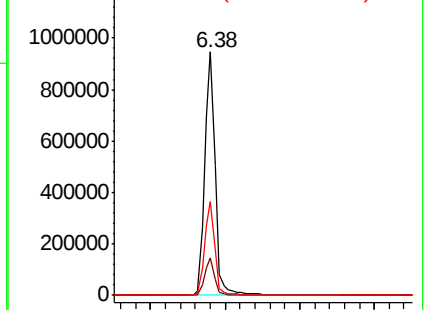
71 38.8 31.0 46.4



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



#10

Phenol

Concen: 7.588 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF119160.D

Acq: 29 Feb 2020 16:02

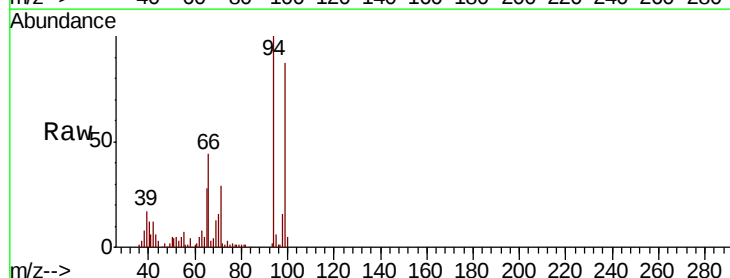
Tgt Ion: 94 Resp: 92606

Ion Ratio Lower Upper

94 100

65 27.7 19.2 59.2

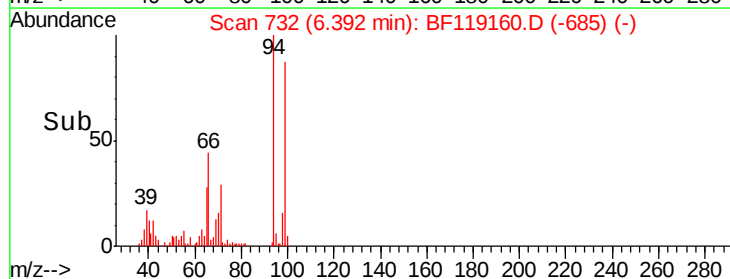
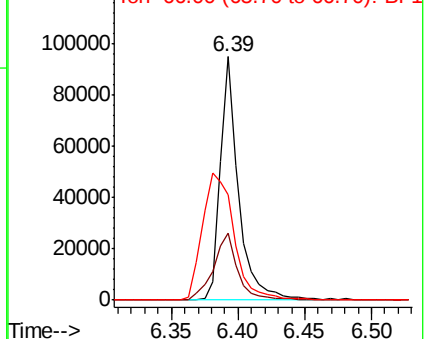
66 43.5 44.4 84.4#

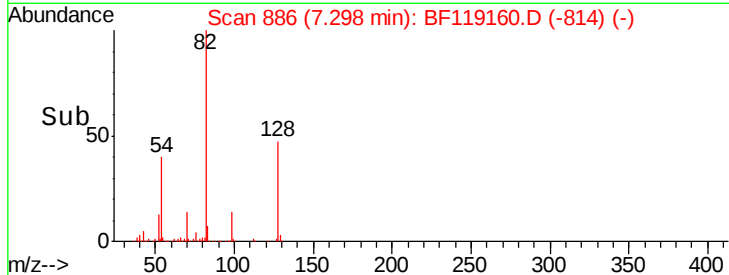
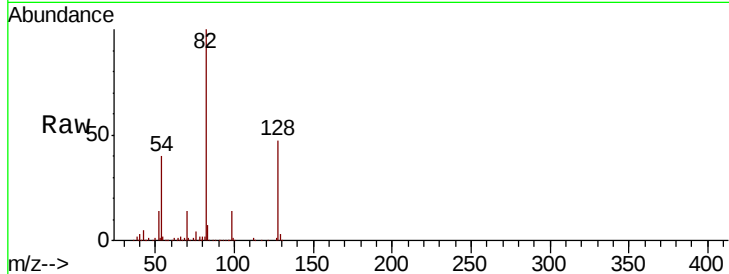
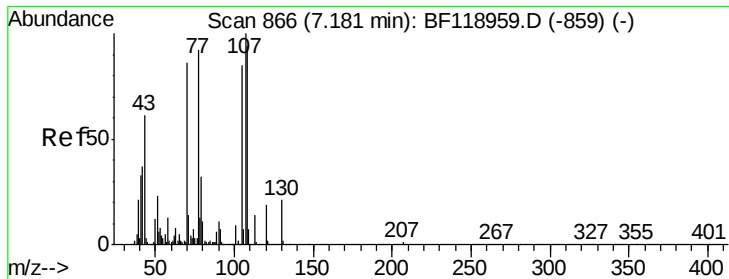


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

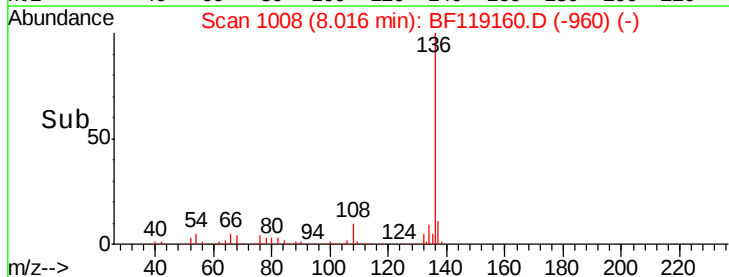
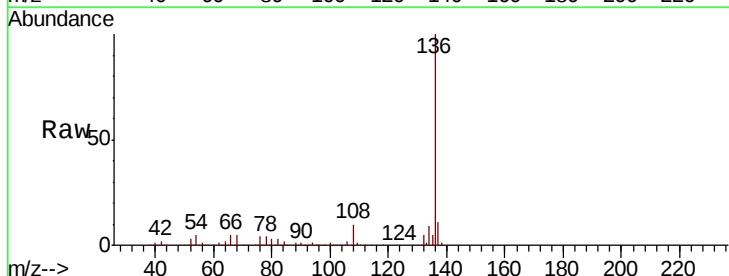
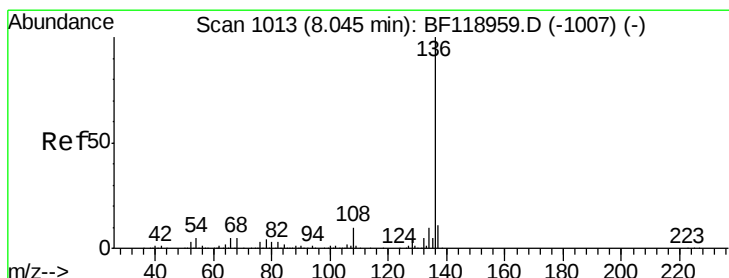
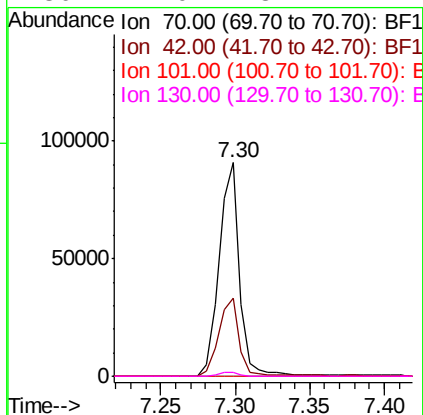




#19
n-Nitroso-di-n-propylamine
Concen: 13.344 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.12 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

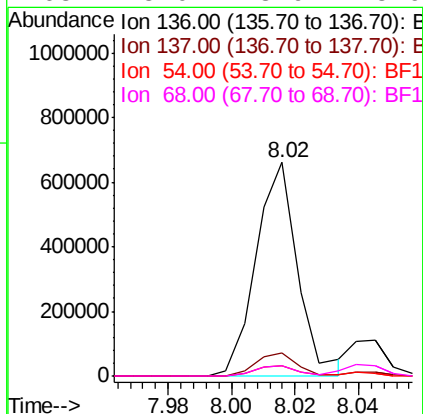
Instrument :
BNA_F
ClientSampled :

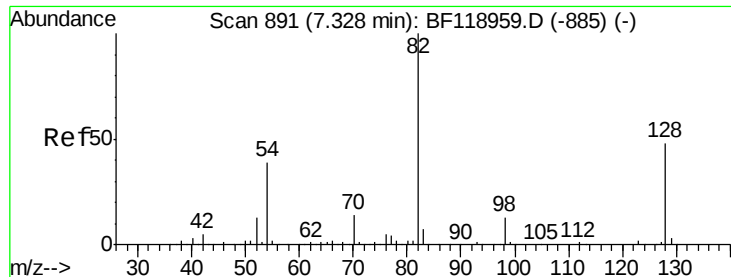
Tot Ion:	70	Resp:	87766
Ion	Ratio	Lower	Upper
70	100		
42	36.4	38.0	57.0#
101	0.0	8.2	12.4#
130	2.0	18.2	27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:	136	Resp:	605033
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	4.7	3.8	5.6
68	5.0	3.9	5.9





#23

Nitrobenzene-d5

Concen: 55.185 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF119160.D

Acq: 29 Feb 2020 16:02

Instrument :

BNA_F

ClientSampleId :

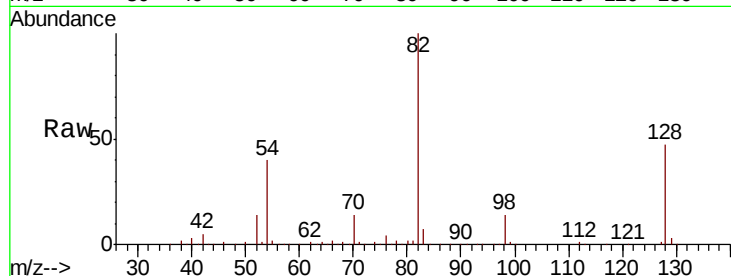
Tot Ion: 82 Resp: 632359

Ion Ratio Lower Upper

82 100

128 47.3 37.9 56.9

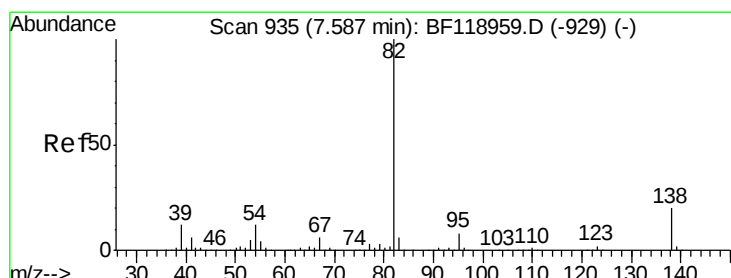
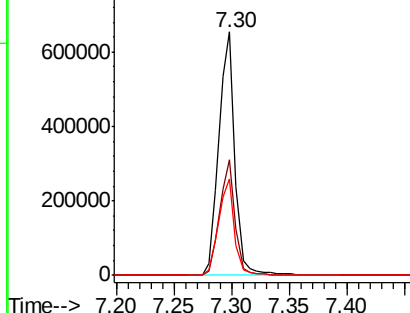
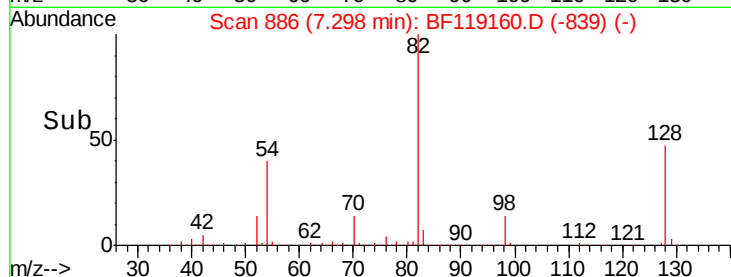
54 39.8 33.4 50.2



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: 31.510 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.28 min

Lab File: BF119160.D

Acq: 29 Feb 2020 16:02

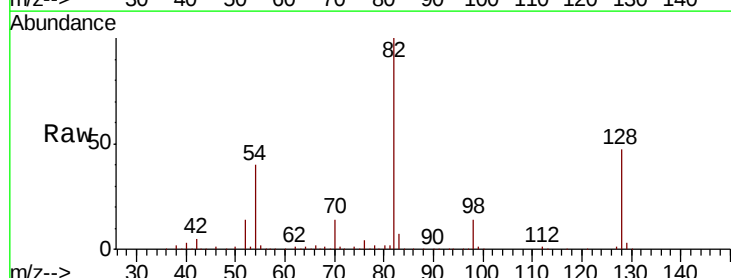
Tgt Ion: 82 Resp: 627081

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

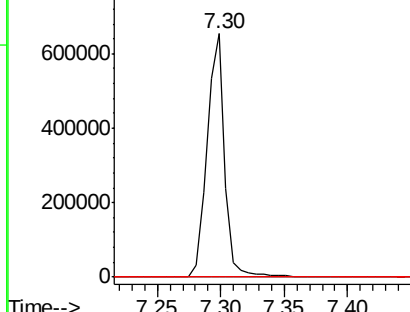
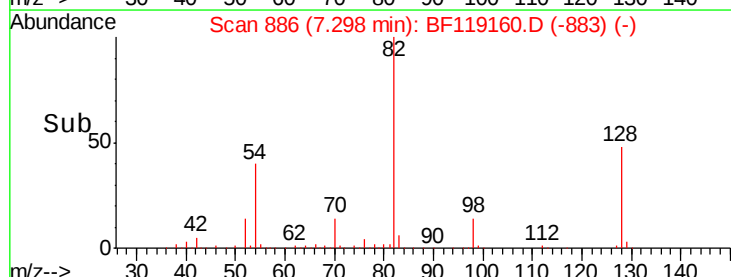
138 0.0 15.7 23.5#

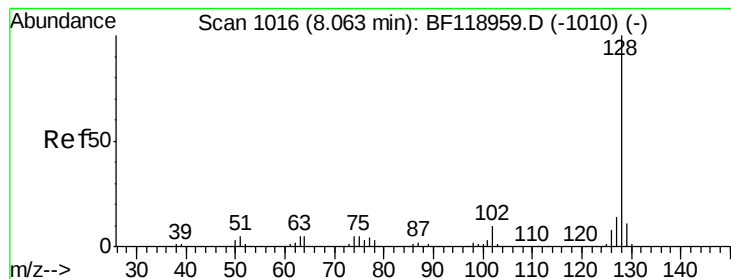


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#31

Naphthalene

Concen: 11.327 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BF119160.D

Acq: 29 Feb 2020 16:02

Instrument :

BNA_F

ClientSampleId :

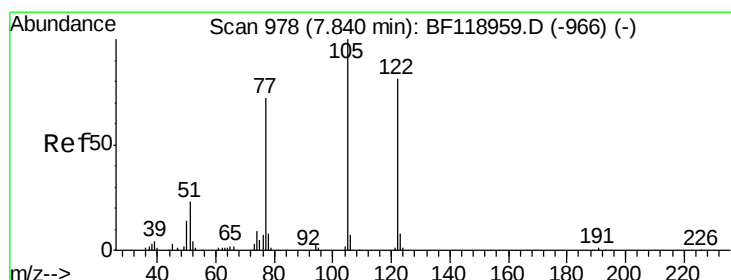
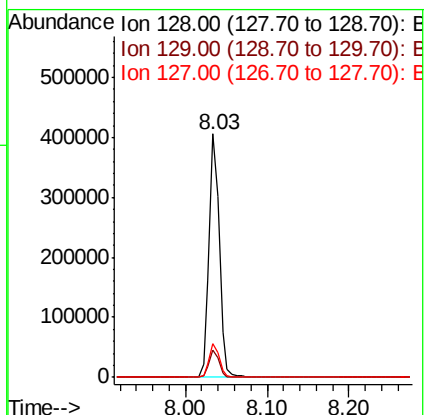
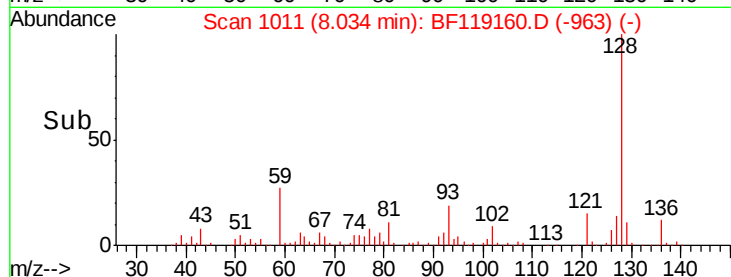
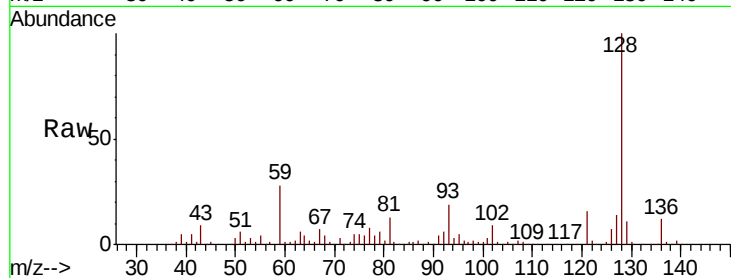
Tot Ion:128 Resp: 355414

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.2

127 13.7 11.4 17.2



#32

Benzoic acid

Concen: 6.890 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF119160.D

Acq: 29 Feb 2020 16:02

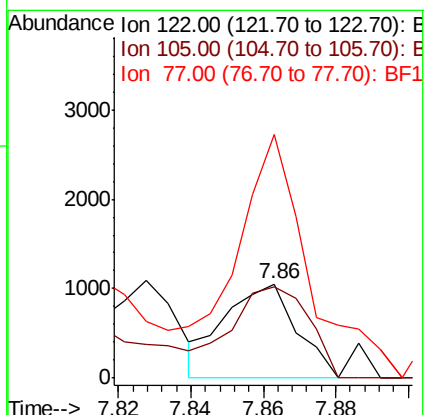
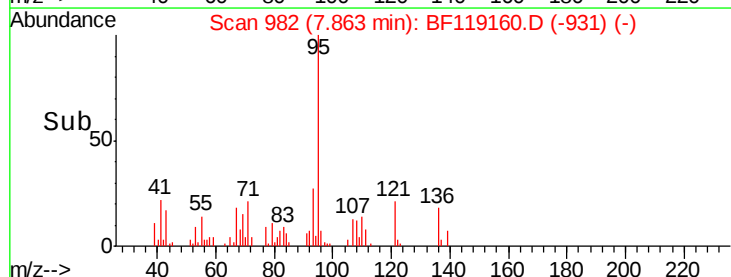
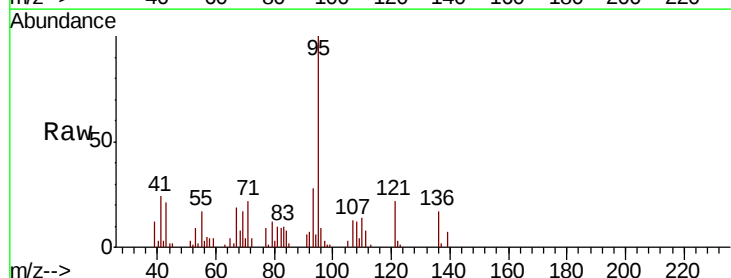
Tgt Ion:122 Resp: 1448

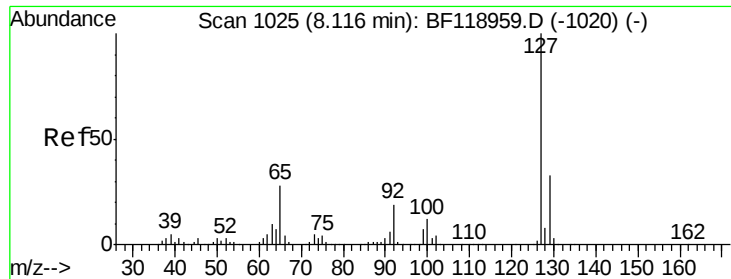
Ion Ratio Lower Upper

122 100

105 97.0 106.3 146.3#

77 258.5 73.1 113.1#

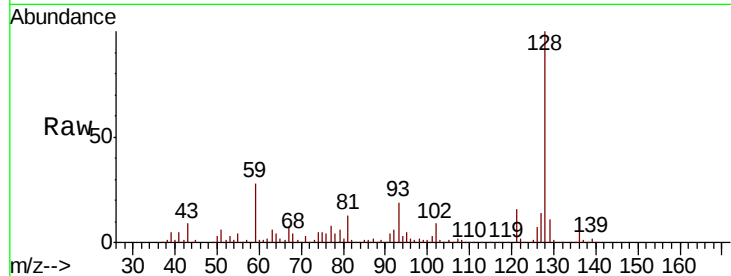




#33
4-Chloroaniline
Concen: 3.531 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.07 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	81.8	25.9	38.9#
65	14.3	23.9	35.9#
92	41.5	16.3	24.5#



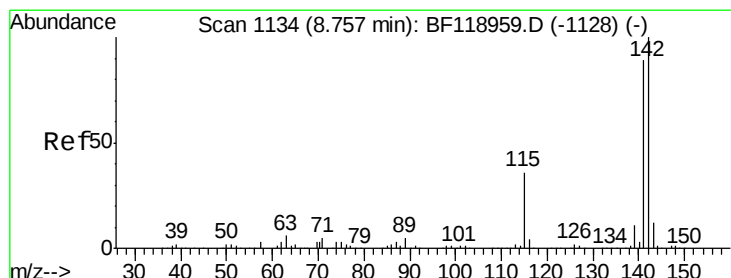
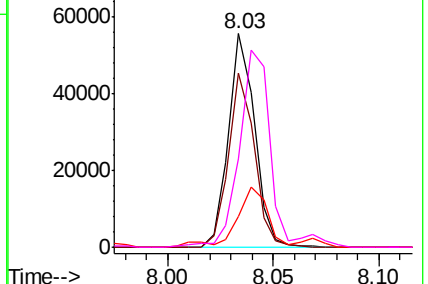
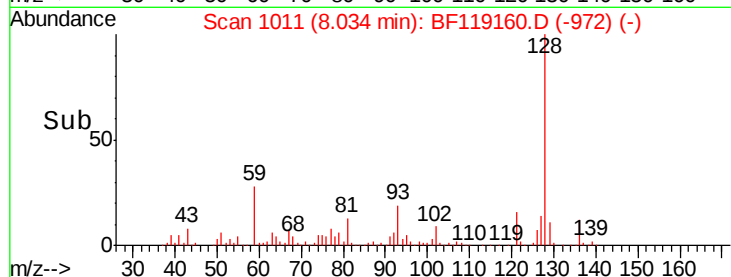
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

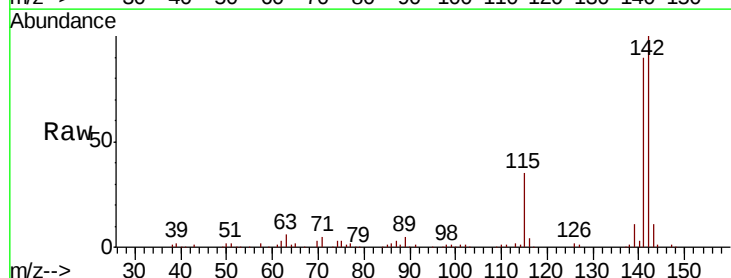
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#37
2-Methylnaphthalene
Concen: 6.547 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.3	108.5
115	34.8	30.6	45.8

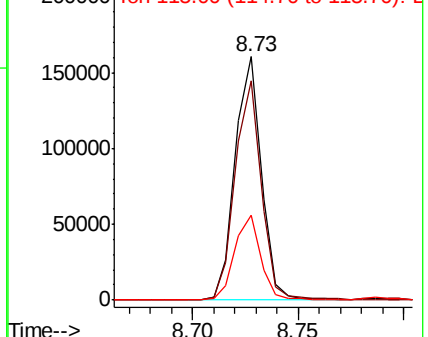
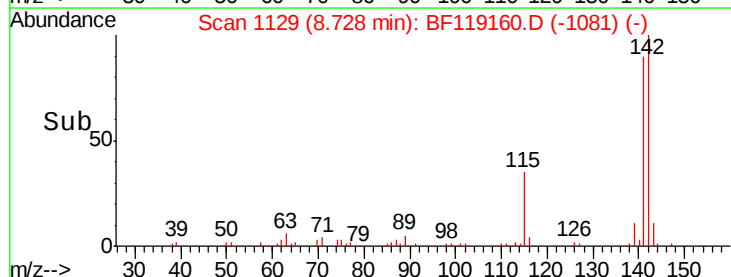


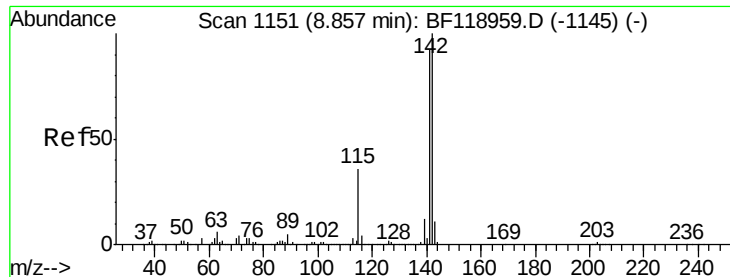
Abundance

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

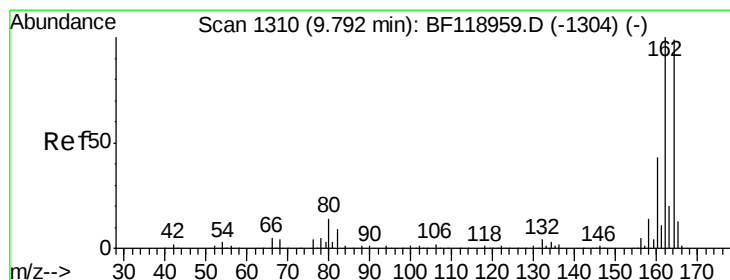
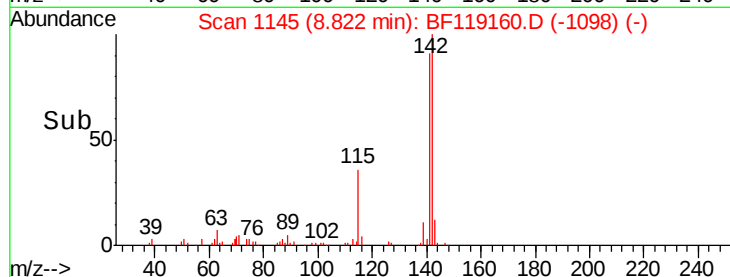
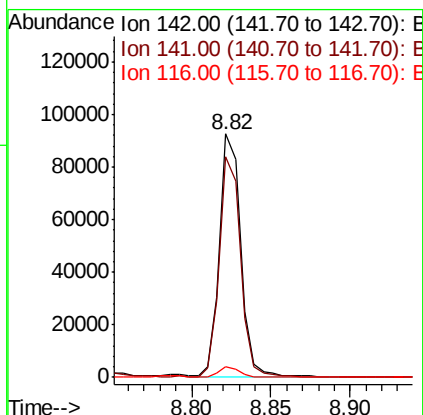
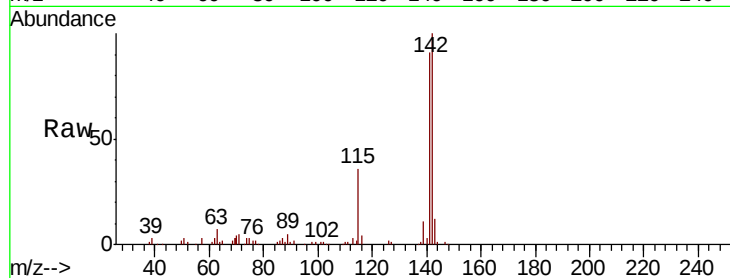




#38
1-Methylnaphthalene
Concen: 4.384 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

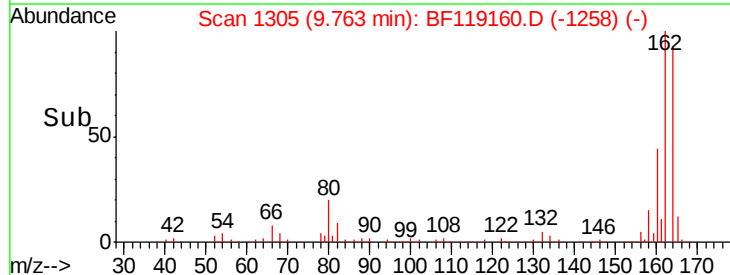
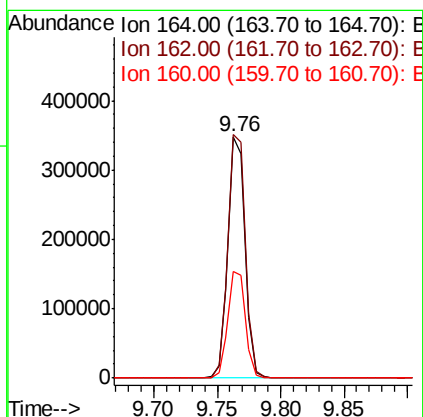
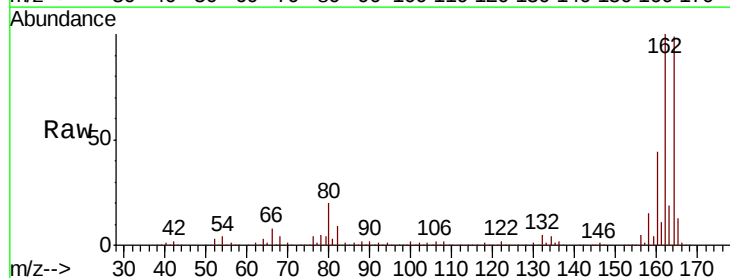
Instrument :
BNA_F
ClientSampleId :

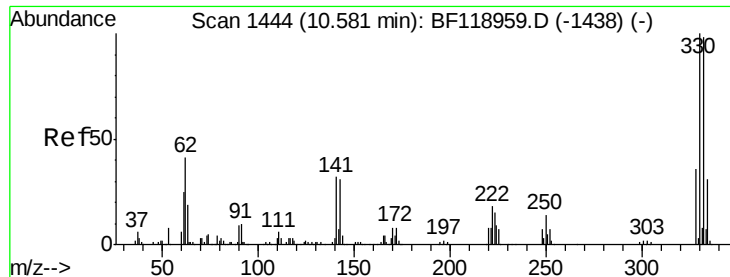
Tot Ion:142 Resp: 87061
Ion Ratio Lower Upper
142 100
141 90.5 75.8 113.6
116 4.4 3.1 4.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:164 Resp: 326151
Ion Ratio Lower Upper
164 100
162 100.8 81.8 122.8
160 44.4 36.0 54.0

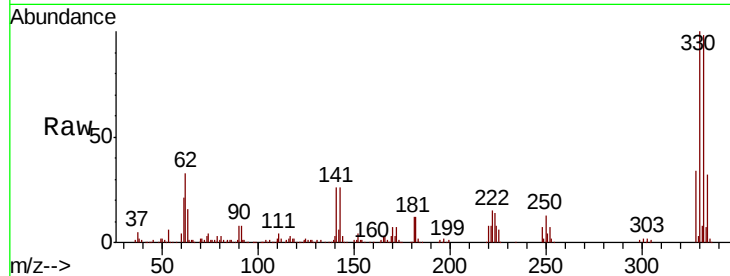




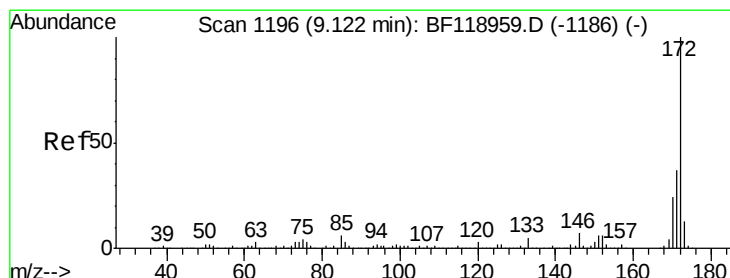
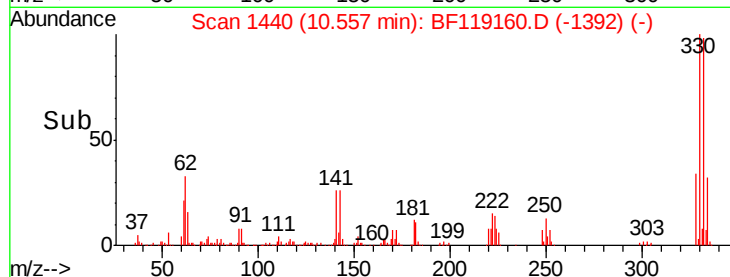
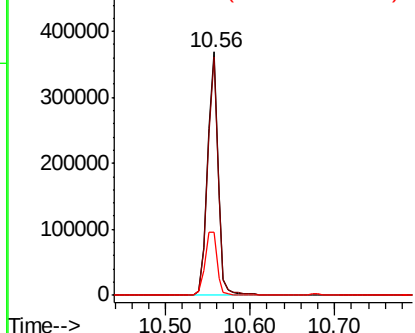
#42
 2,4,6-Tribromophenol
 Concen: 75.530 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF119160.D
 Acq: 29 Feb 2020 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 322258
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.0 114.0
 141 29.9 22.9 34.3

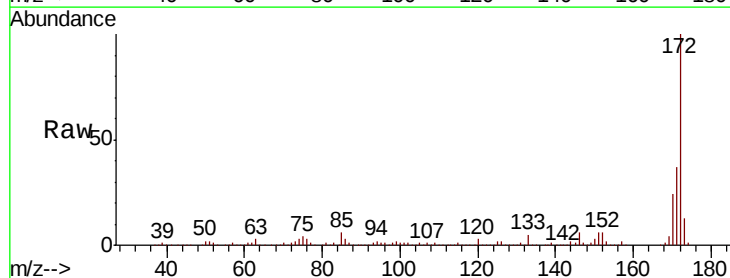


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

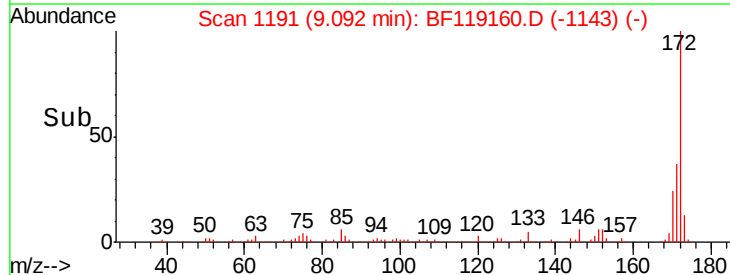
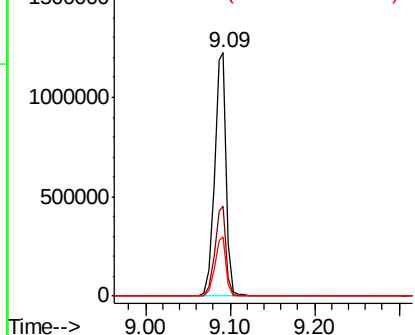


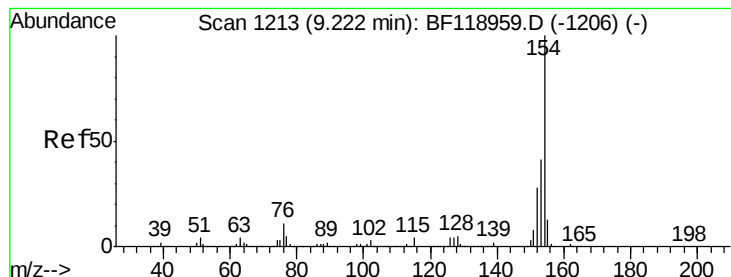
#45
 2-Fluorobiphenyl
 Concen: 54.848 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119160.D
 Acq: 29 Feb 2020 16:02

Tgt Ion:172 Resp: 1214299
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.6 45.8
 170 24.1 20.2 30.2



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: 3.236 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF119160.D

Acq: 29 Feb 2020 16:02

Instrument :

BNA_F

ClientSampleId :

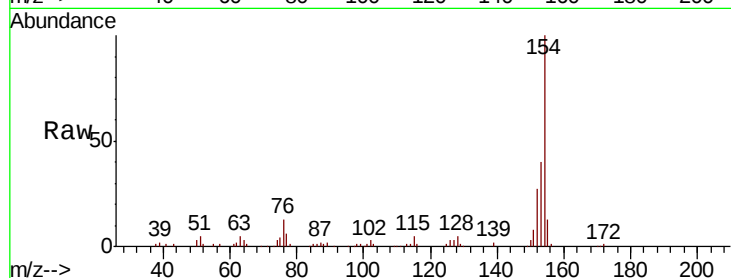
Tot Ion:154 Resp: 85307

Ion Ratio Lower Upper

154 100

153 40.4 22.8 62.8

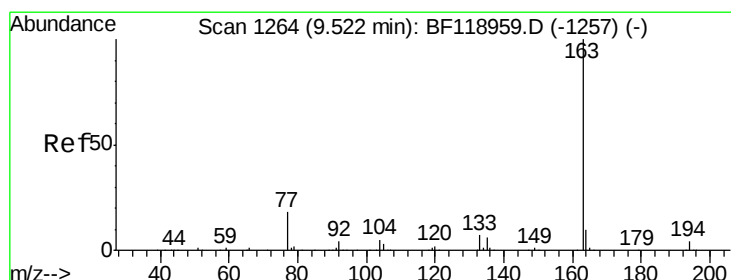
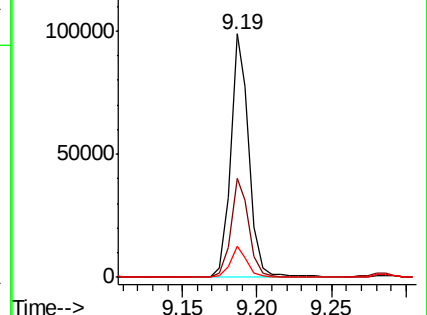
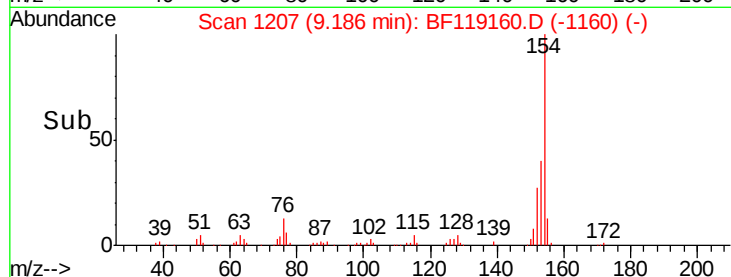
76 12.9 0.0 32.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#50

Dimethylphthalate

Concen: 7.626 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF119160.D

Acq: 29 Feb 2020 16:02

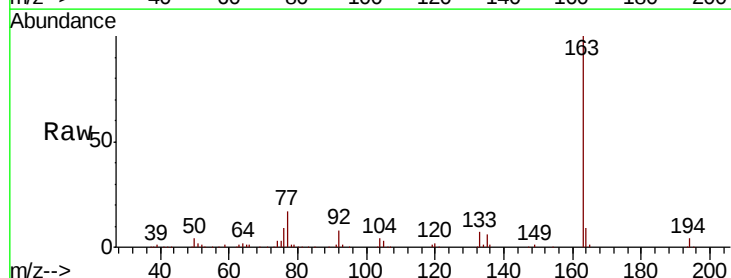
Tgt Ion:163 Resp: 190197

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

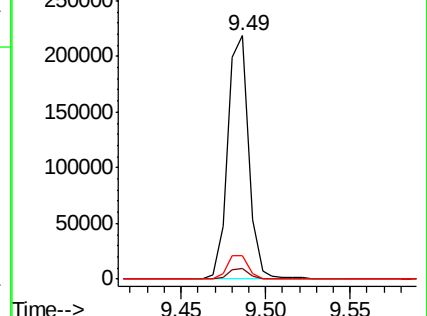
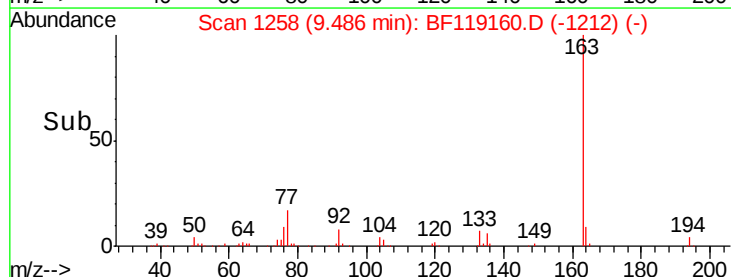
164 9.5 8.4 12.6

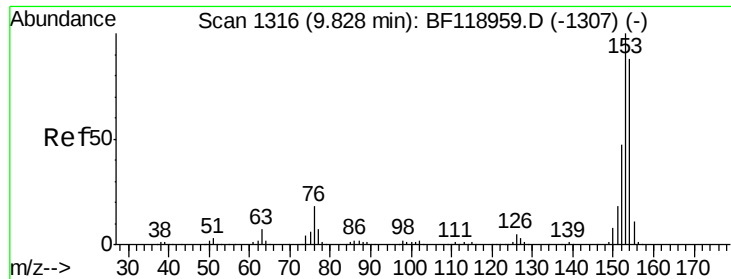


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 22.410 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF119160.D

Acq: 29 Feb 2020 16:02

Instrument :

BNA_F

ClientSampleId :

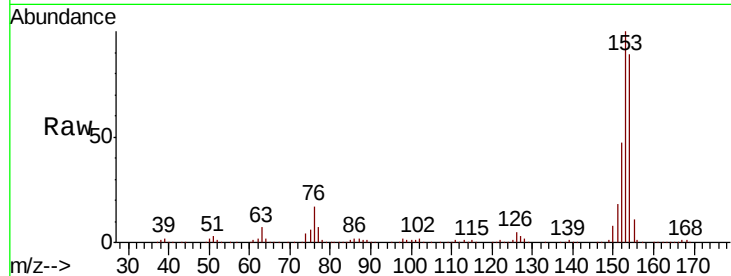
Tot Ion:154 Resp: 414576

Ion Ratio Lower Upper

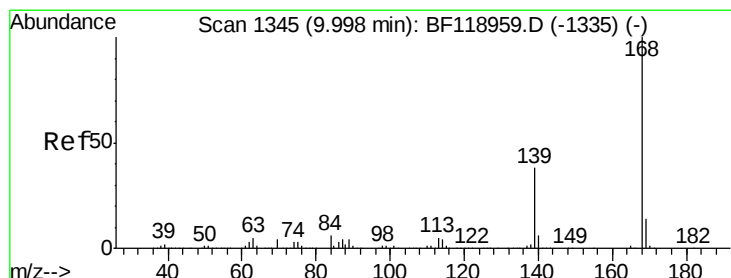
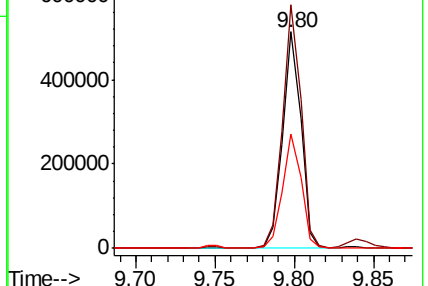
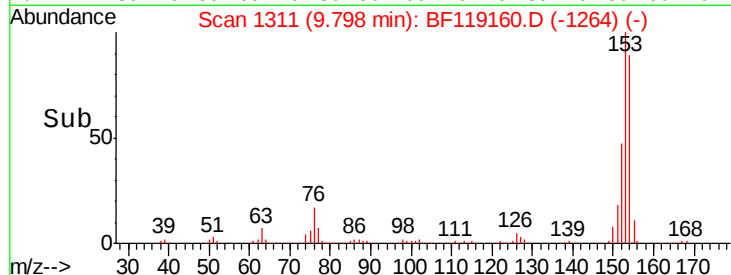
154 100

153 112.4 90.3 135.5

152 52.9 43.8 65.8



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: 15.013 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BF119160.D

Acq: 29 Feb 2020 16:02

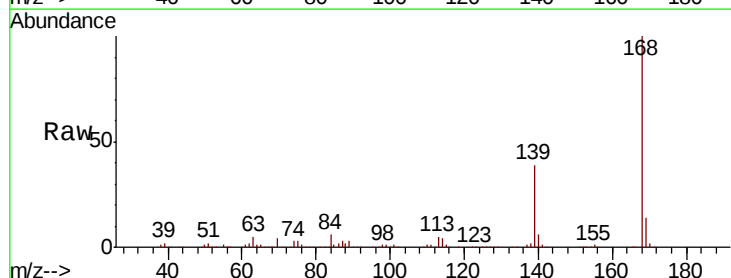
Tgt Ion:168 Resp: 414544

Ion Ratio Lower Upper

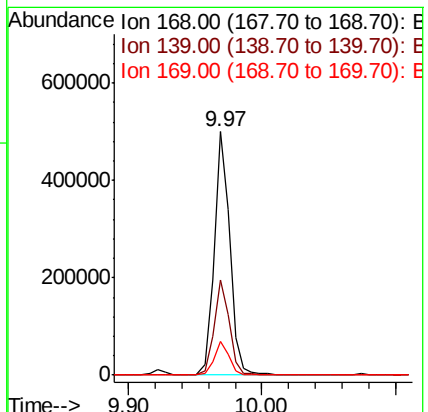
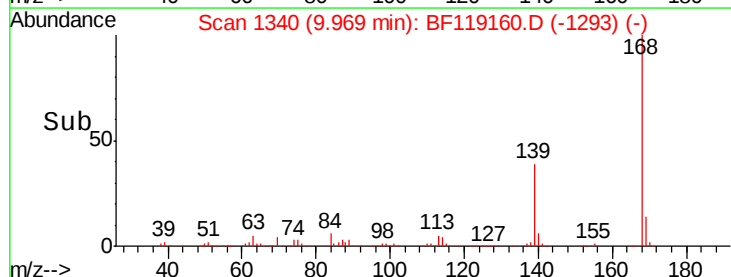
168 100

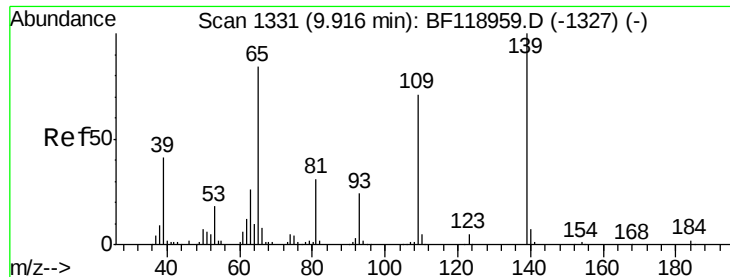
139 39.0 34.0 51.0

169 13.6 11.0 16.4



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

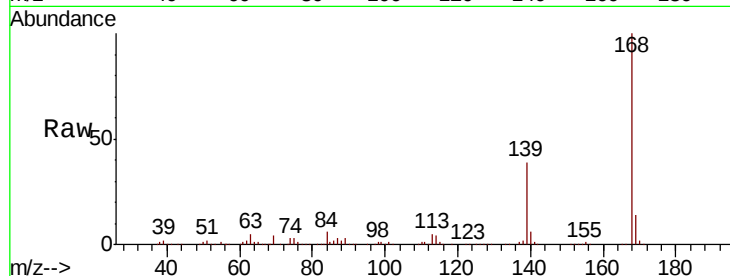




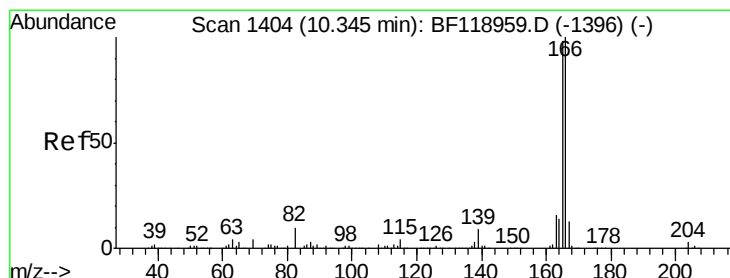
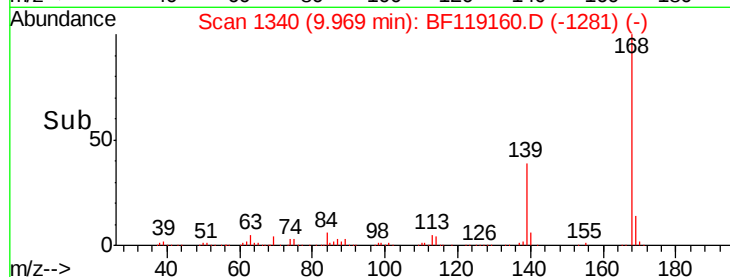
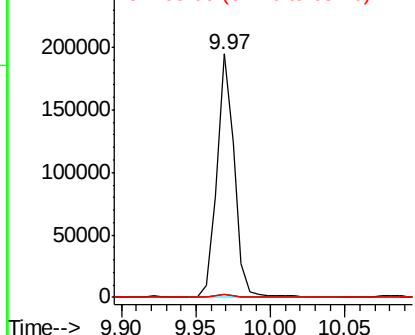
#56
4-Nitrophenol
Concen: 42.974 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.05 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 158606
Ion Ratio Lower Upper
139 100
109 1.2 56.7 96.7#
65 1.5 65.0 105.0#

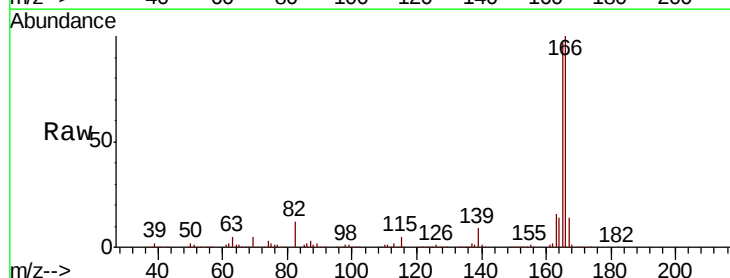


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

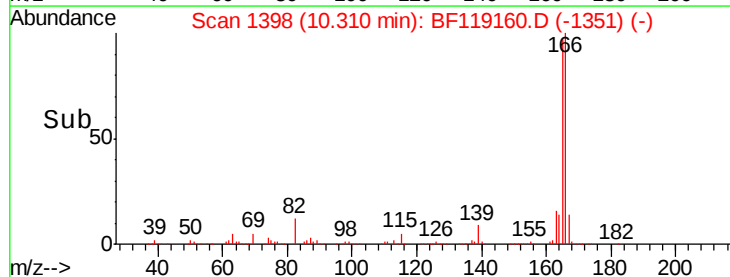
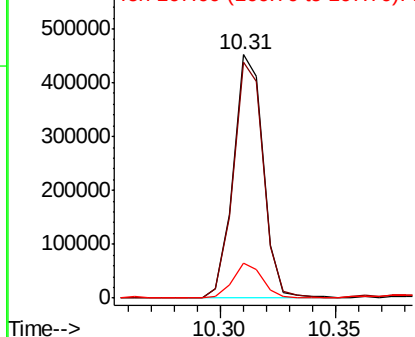


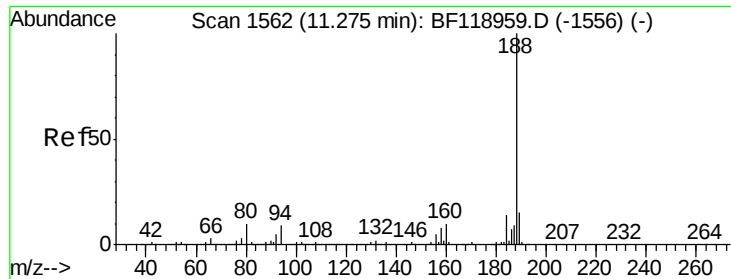
#58
Fluorene
Concen: 18.930 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:166 Resp: 406162
Ion Ratio Lower Upper
166 100
165 96.8 78.5 117.7
167 14.1 11.0 16.4



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

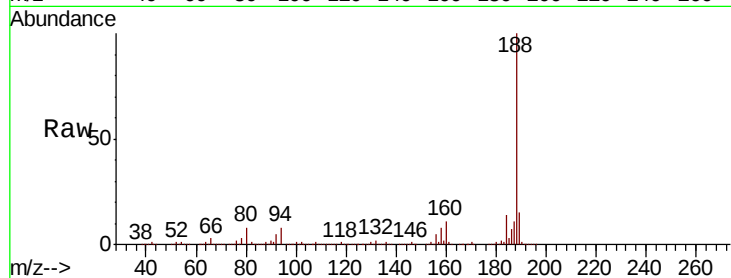




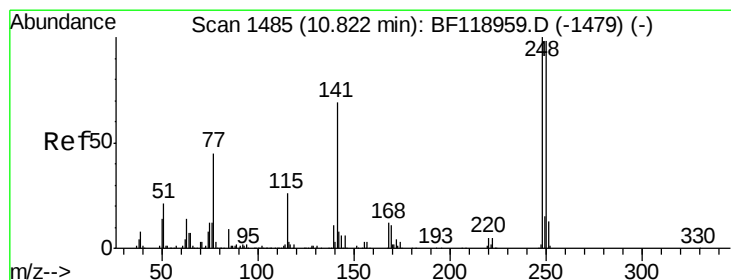
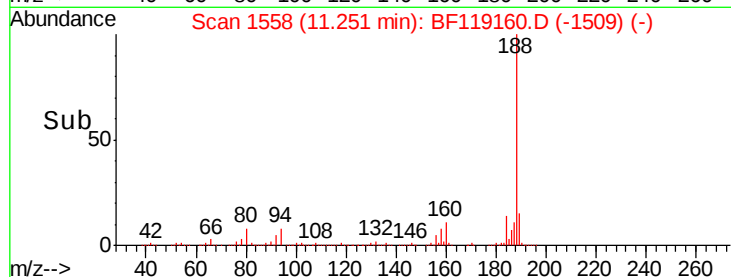
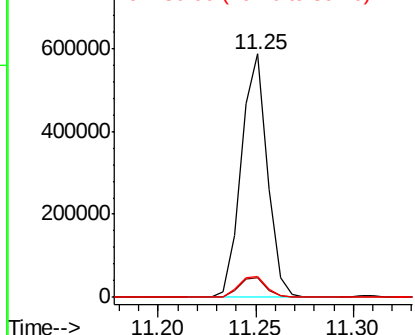
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 541946
Ion Ratio Lower Upper
188 100
94 8.2 7.1 10.7
80 8.5 7.8 11.8

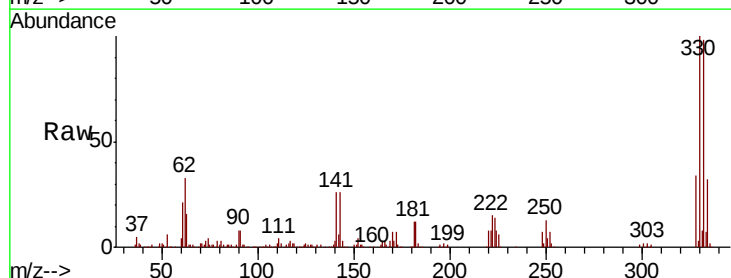


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

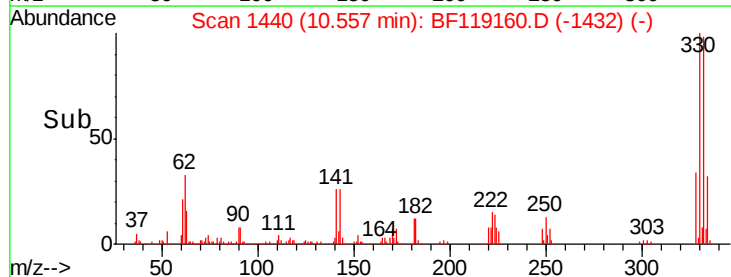
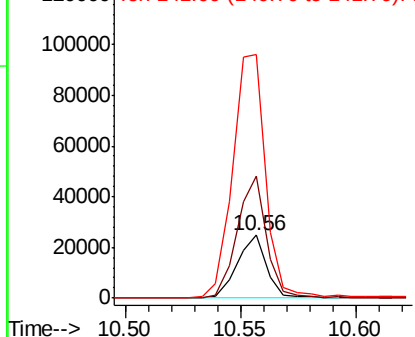


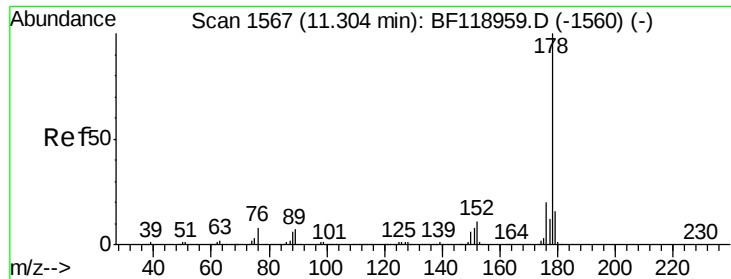
#67
4-Bromophenyl-phenylether
Concen: 3.073 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:248 Resp: 21770
Ion Ratio Lower Upper
248 100
250 193.5 76.7 115.1#
141 386.9 60.7 91.1#



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

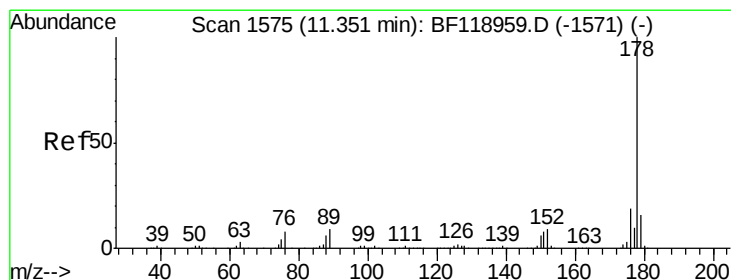
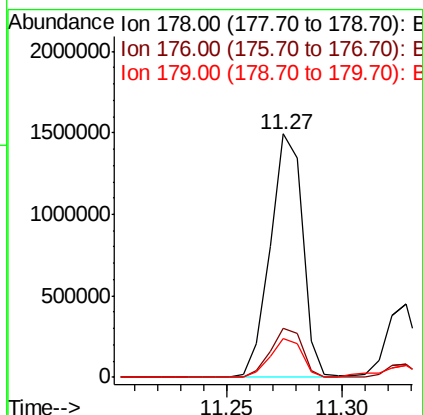
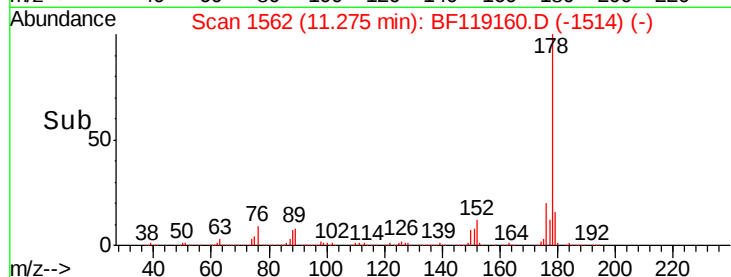
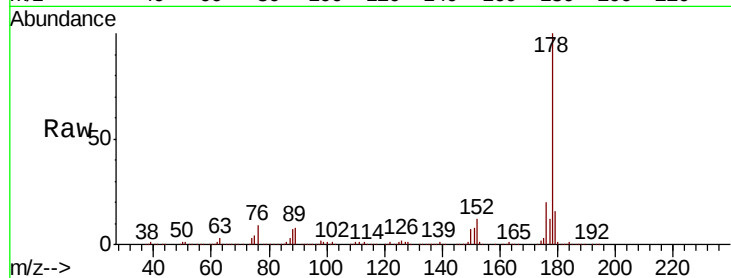




#71
Phenanthrene
Concen: 49.211 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

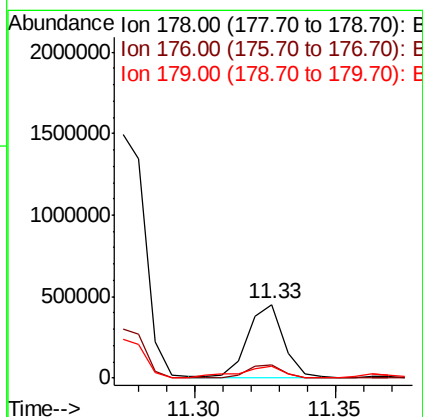
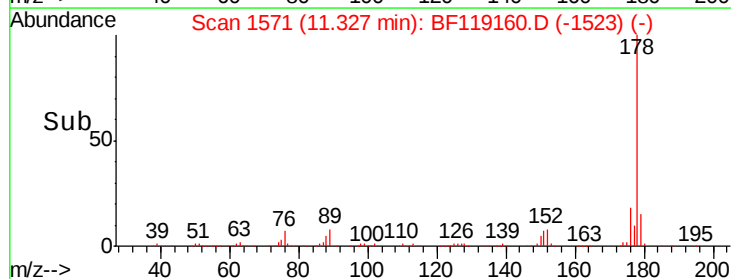
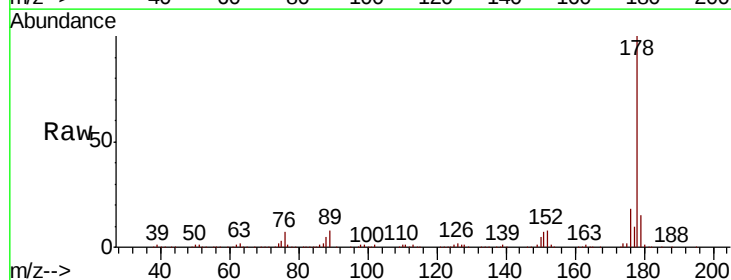
Instrument :
BNA_F
ClientSampleId :

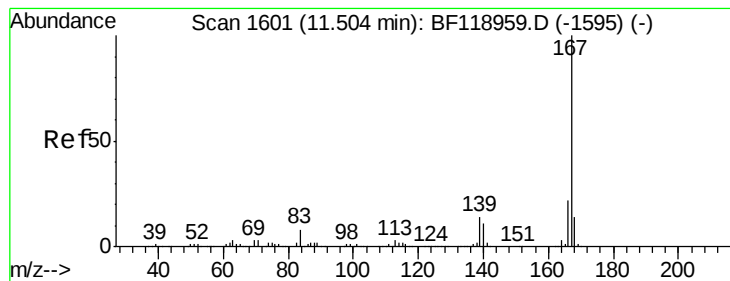
Tot Ion:178 Resp: 1454422
Ion Ratio Lower Upper
178 100
176 19.9 16.5 24.7
179 15.9 13.0 19.6



#72
Anthracene
Concen: 13.330 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:178 Resp: 393654
Ion Ratio Lower Upper
178 100
176 17.9 16.0 24.0
179 15.4 13.1 19.7





#73

Carbazole

Concen: 5.931 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.02 min

Lab File: BF119160.D

Acq: 29 Feb 2020 16:02

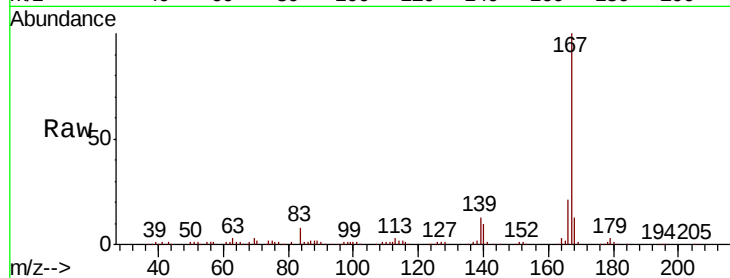
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 156025

Ion	Ratio	Lower	Upper
167	100		
166	20.7	18.2	27.4
139	12.5	11.7	17.5



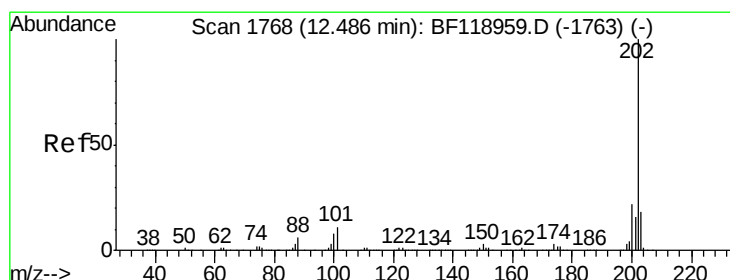
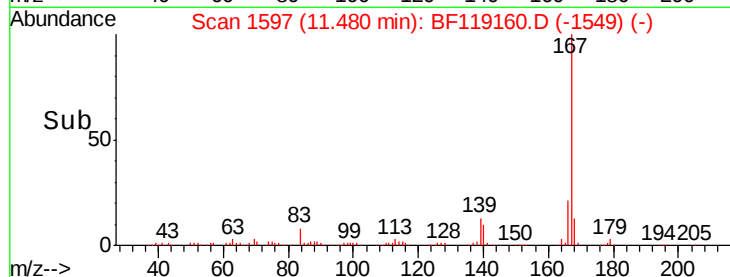
Abundance

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

Time-->



#75

Fluoranthene

Concen: 31.871 ng

RT: 12.46 min Scan# 1764

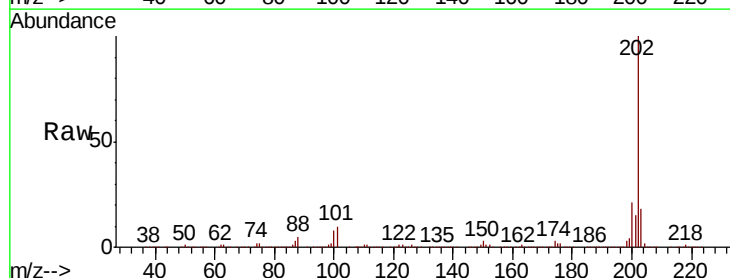
Delta R.T. -0.02 min

Lab File: BF119160.D

Acq: 29 Feb 2020 16:02

Tgt Ion:202 Resp: 999842

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.3
203	17.6	0.0	38.4



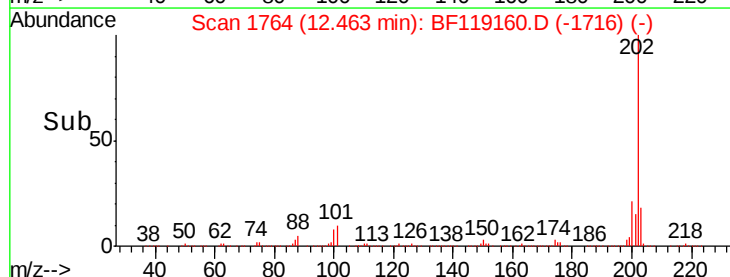
Abundance

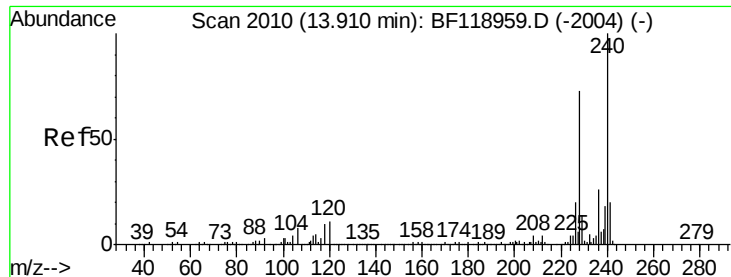
Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BF119160.D

Acq: 29 Feb 2020 16:02

Instrument :

BNA_F

ClientSampleId :

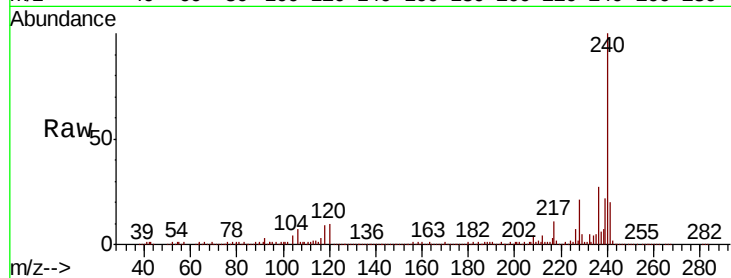
Tot Ion:240 Resp: 336976

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

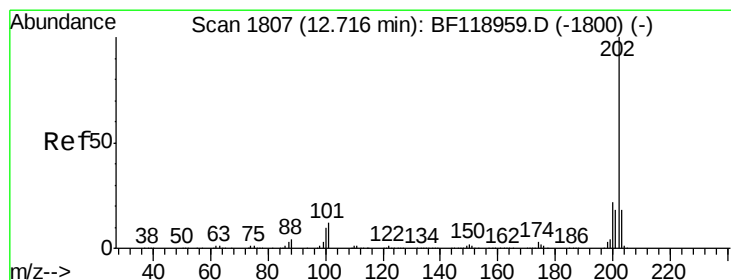
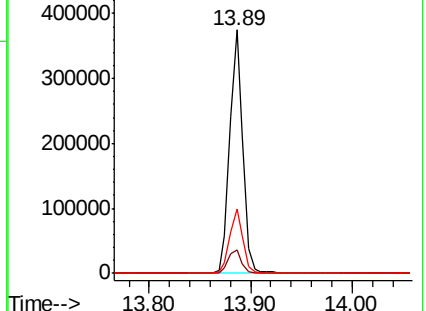
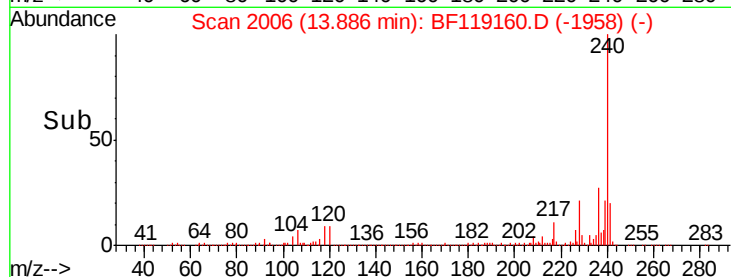
236 26.6 21.0 31.4



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: 27.792 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF119160.D

Acq: 29 Feb 2020 16:02

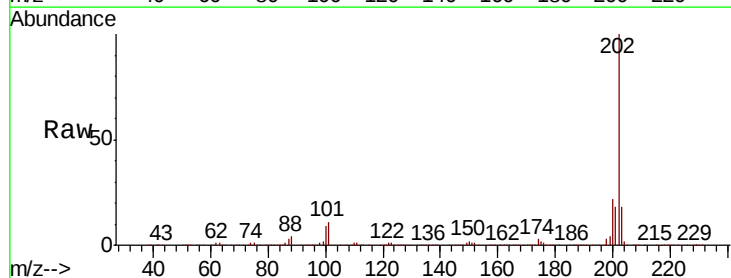
Tgt Ion:202 Resp: 752019

Ion Ratio Lower Upper

202 100

200 21.6 18.0 27.0

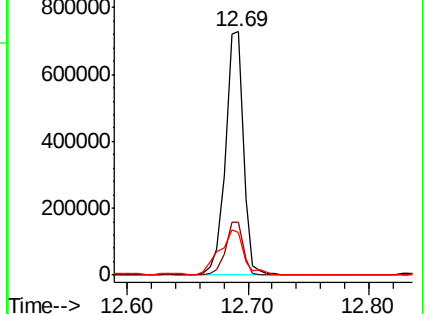
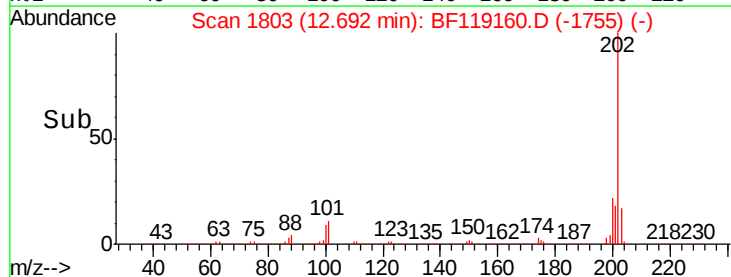
203 17.6 14.6 22.0

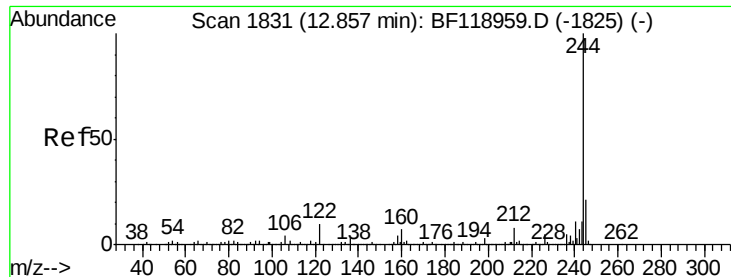


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 58.909 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF119160.D

Acq: 29 Feb 2020 16:02

Instrument :

BNA_F

ClientSampleId :

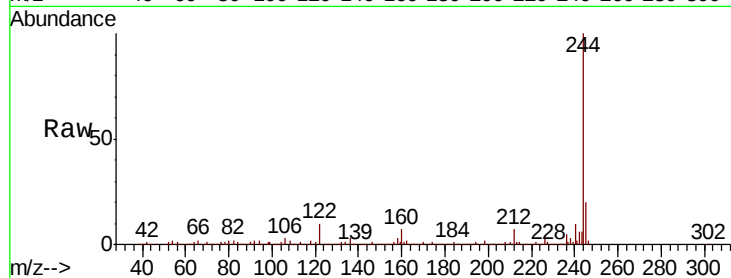
Tot Ion:244 Resp: 1153001

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.6	10.0
122	10.4	8.2	12.2

244 100

212 7.3 6.6 10.0

122 10.4 8.2 12.2

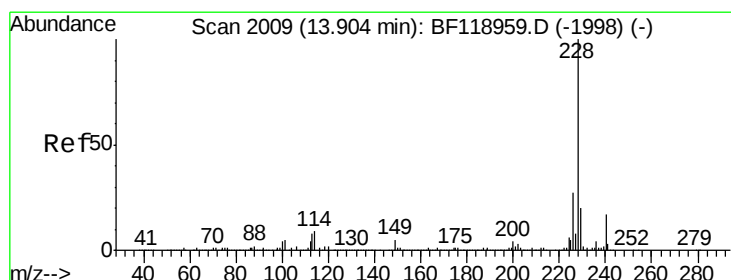
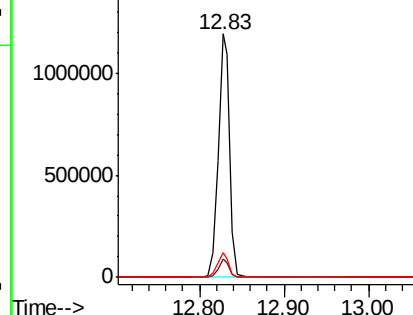
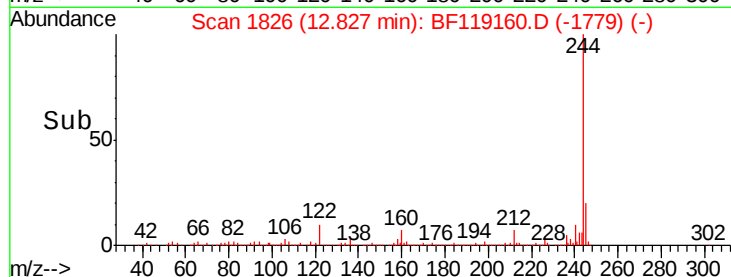


Abundance

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: 15.188 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF119160.D

Acq: 29 Feb 2020 16:02

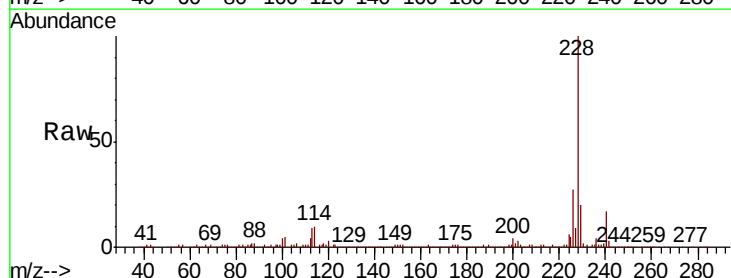
Tgt Ion:228 Resp: 348711

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.3	16.6	24.8

228 100

226 27.4 22.6 33.8

229 20.3 16.6 24.8

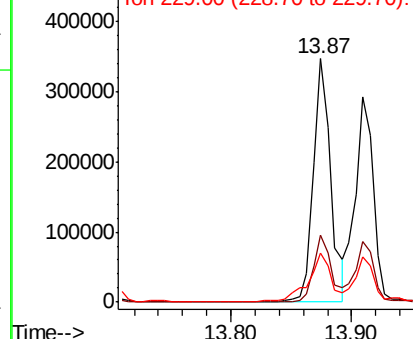
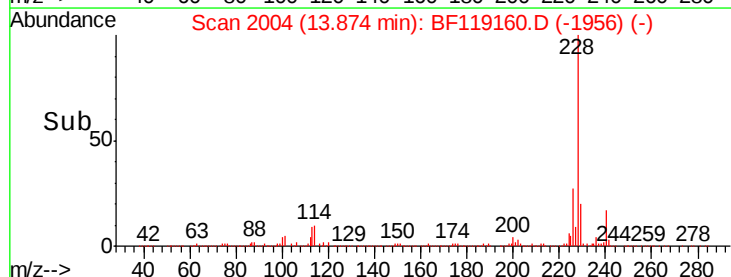


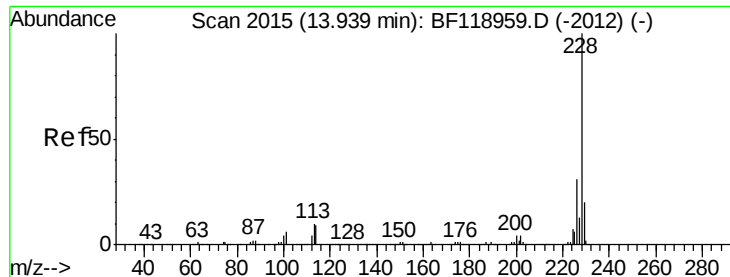
Abundance

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: 13.176 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BF119160.D

Acq: 29 Feb 2020 16:02

Instrument :

BNA_F

ClientSampleId :

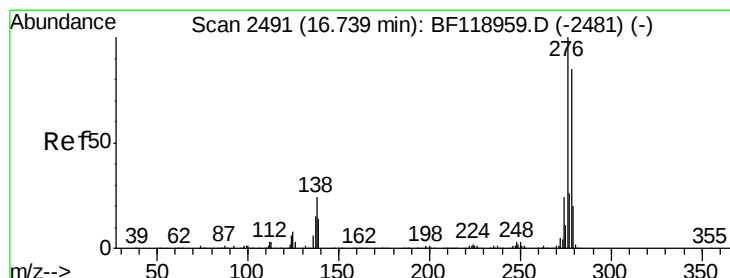
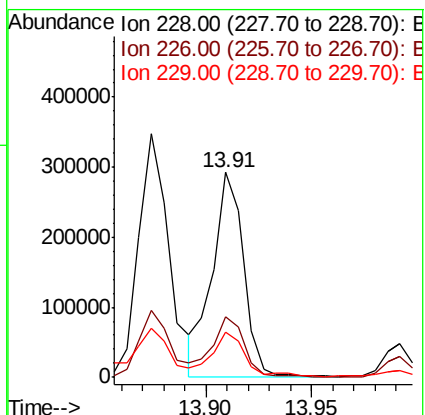
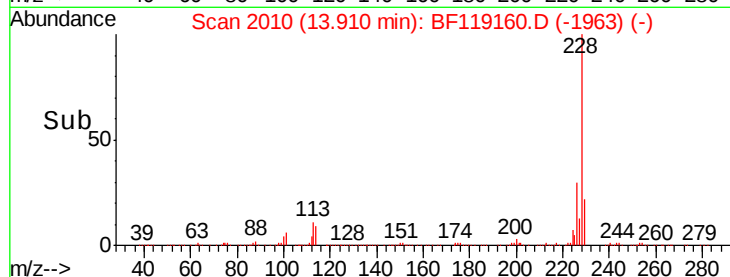
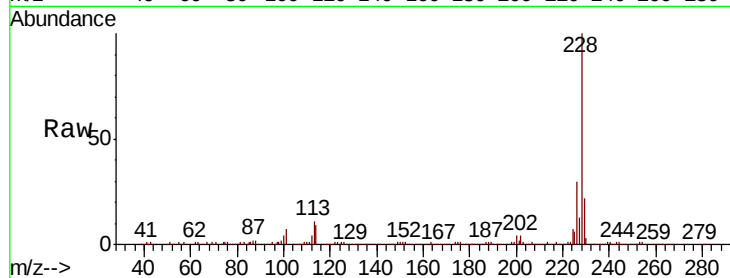
Tot Ion:228 Resp: 301444

Ion Ratio Lower Upper

228 100

226 29.8 25.1 37.7

229 22.2 16.3 24.5



#86

Indeno(1,2,3-cd)pyrene

Concen: 6.624 ng

RT: 16.71 min Scan# 2486

Delta R.T. -0.03 min

Lab File: BF119160.D

Acq: 29 Feb 2020 16:02

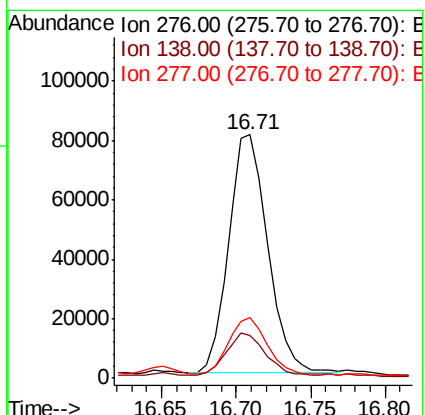
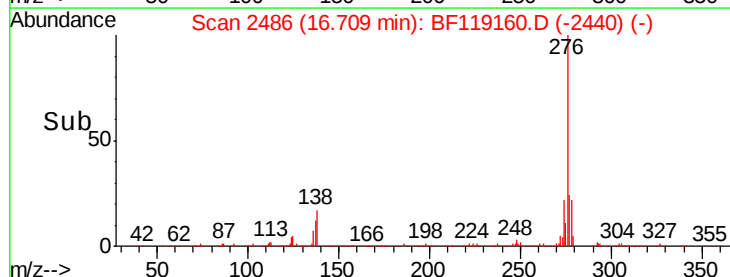
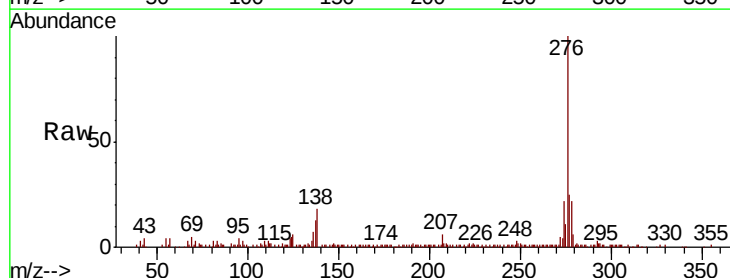
Tgt Ion:276 Resp: 146740

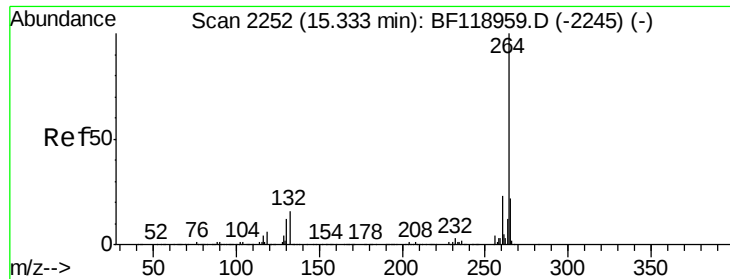
Ion Ratio Lower Upper

276 100

138 19.2 17.4 26.0

277 24.8 20.3 30.5

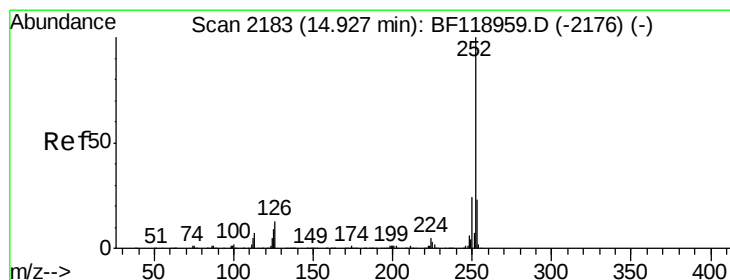
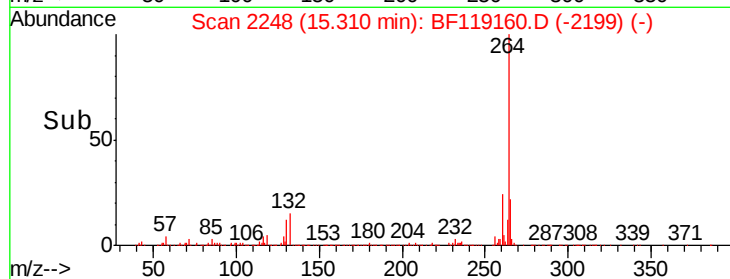
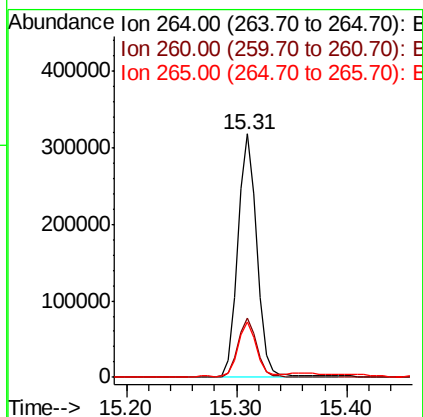
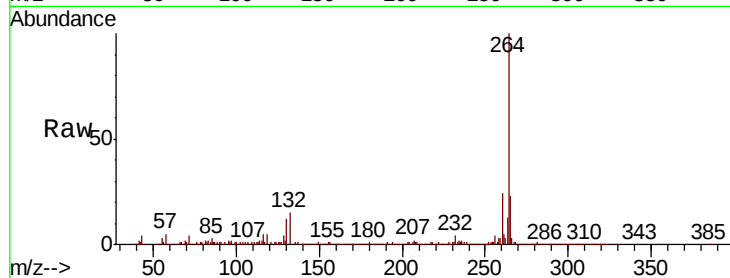




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

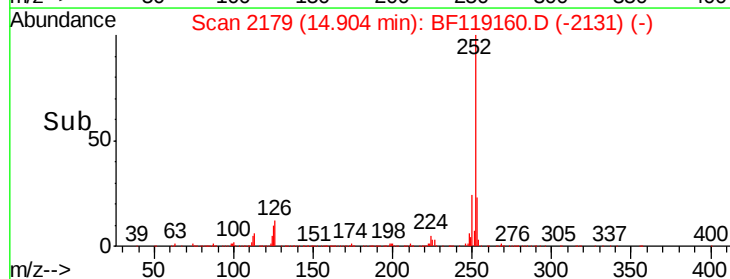
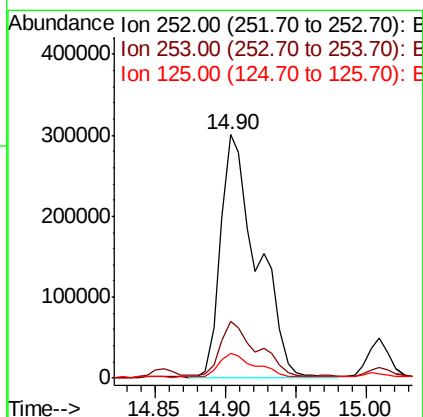
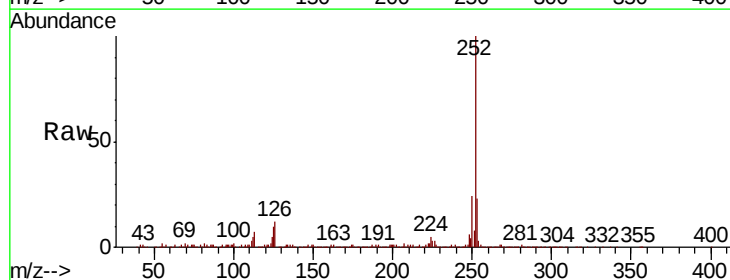
Instrument :
BNA_F
ClientSampleId :

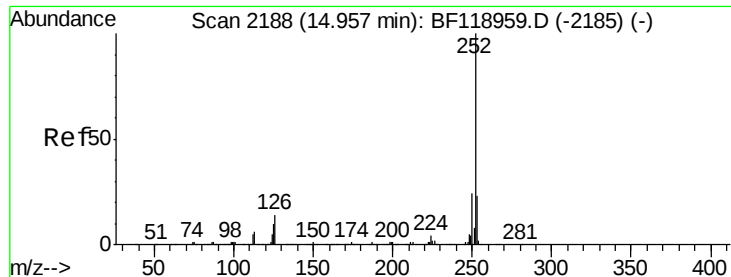
Tot Ion:264 Resp: 385736
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 22.5 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 21.282 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:252 Resp: 541116
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 10.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 22.965 ng

RT: 14.90 min Scan# 2179

Delta R.T. -0.05 min

Lab File: BF119160.D

Acq: 29 Feb 2020 16:02

Instrument :

BNA_F

ClientSampleId :

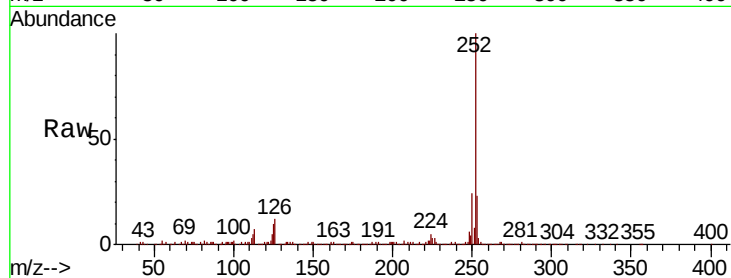
Tot Ion:252 Resp: 541116

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

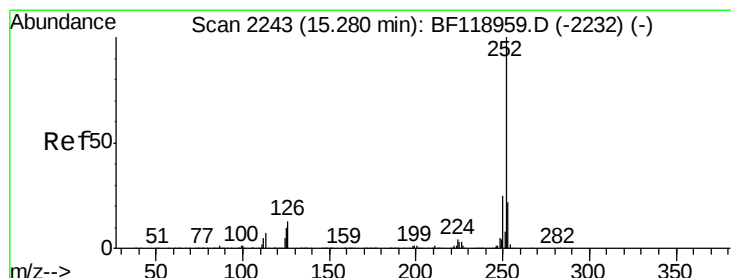
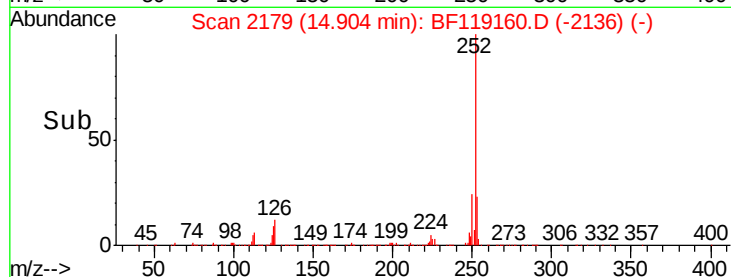
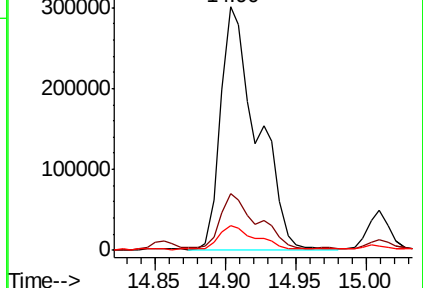
125 10.1 7.5 11.3



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: 11.989 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BF119160.D

Acq: 29 Feb 2020 16:02

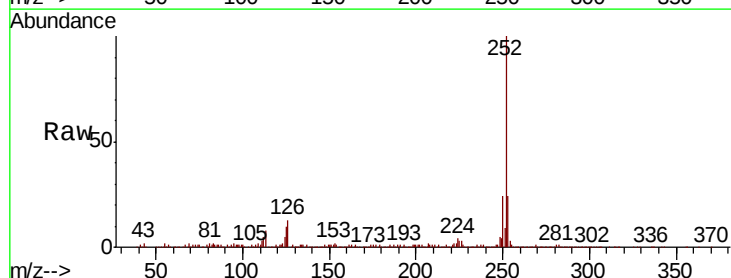
Tgt Ion:252 Resp: 275123

Ion Ratio Lower Upper

252 100

253 23.6 18.0 27.0

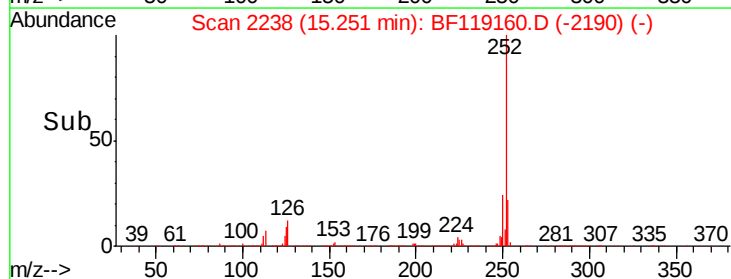
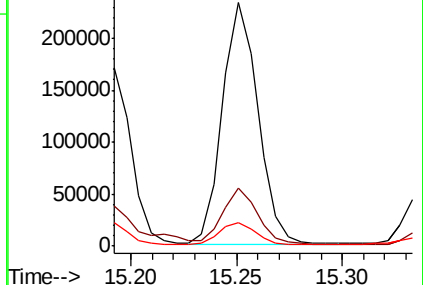
125 9.9 8.6 12.8

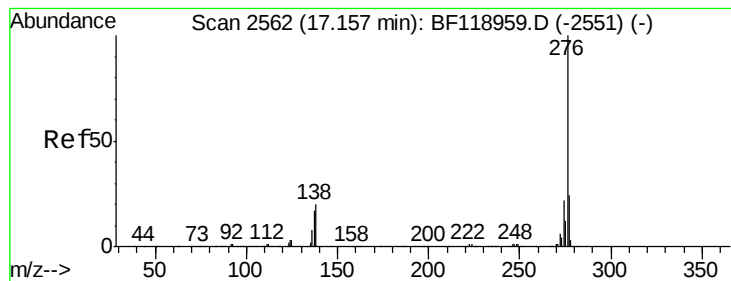


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Benzo(a,h,i)perylene

Concen: 6.847 ng

RT: 17.13 min Scan# 2557

Delta R.T. -0.03 min

Lab File: BF119160.D

Acq: 29 Feb 2020 16:02

Instrument :

BNA_F

ClientSampleId :

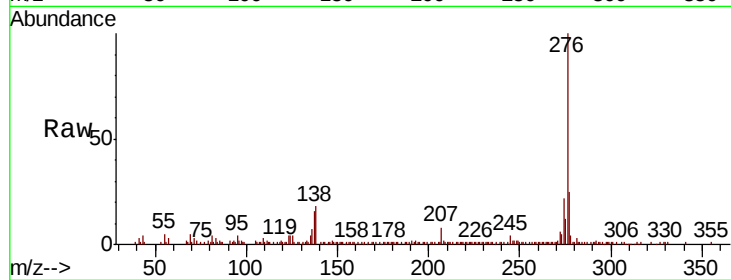
Tot Ion: 276 Resp: 136605

Ion Ratio Lower Upper

276 100

277 24.9 18.7 28.1

138 18.0 14.3 21.5



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

