

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
 Data File : BF118876.D
 Acq On : 10 Feb 2020 18:44
 Operator : CG/JU
 Sample : L1470-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-6-(SIDE-WALL)-NORTH

Quant Time: Feb 11 00:16:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	245971	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	913418	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	529124	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	1052942	20.00	ng	0.00
76) Chrysene-d12	13.97	240	800487	20.00	ng	-0.01
87) Perylene-d12	15.42	264	865254	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1395219	107.37	ng	0.00
7) Phenol-d6	6.45	99	1715727	106.37	ng	0.00
23) Nitrobenzene-d5	7.37	82	1134717	74.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	673475	106.38	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2259751	76.35	ng	-0.01
79) Terphenyl-d14	12.92	244	2857203	73.32	ng	-0.01

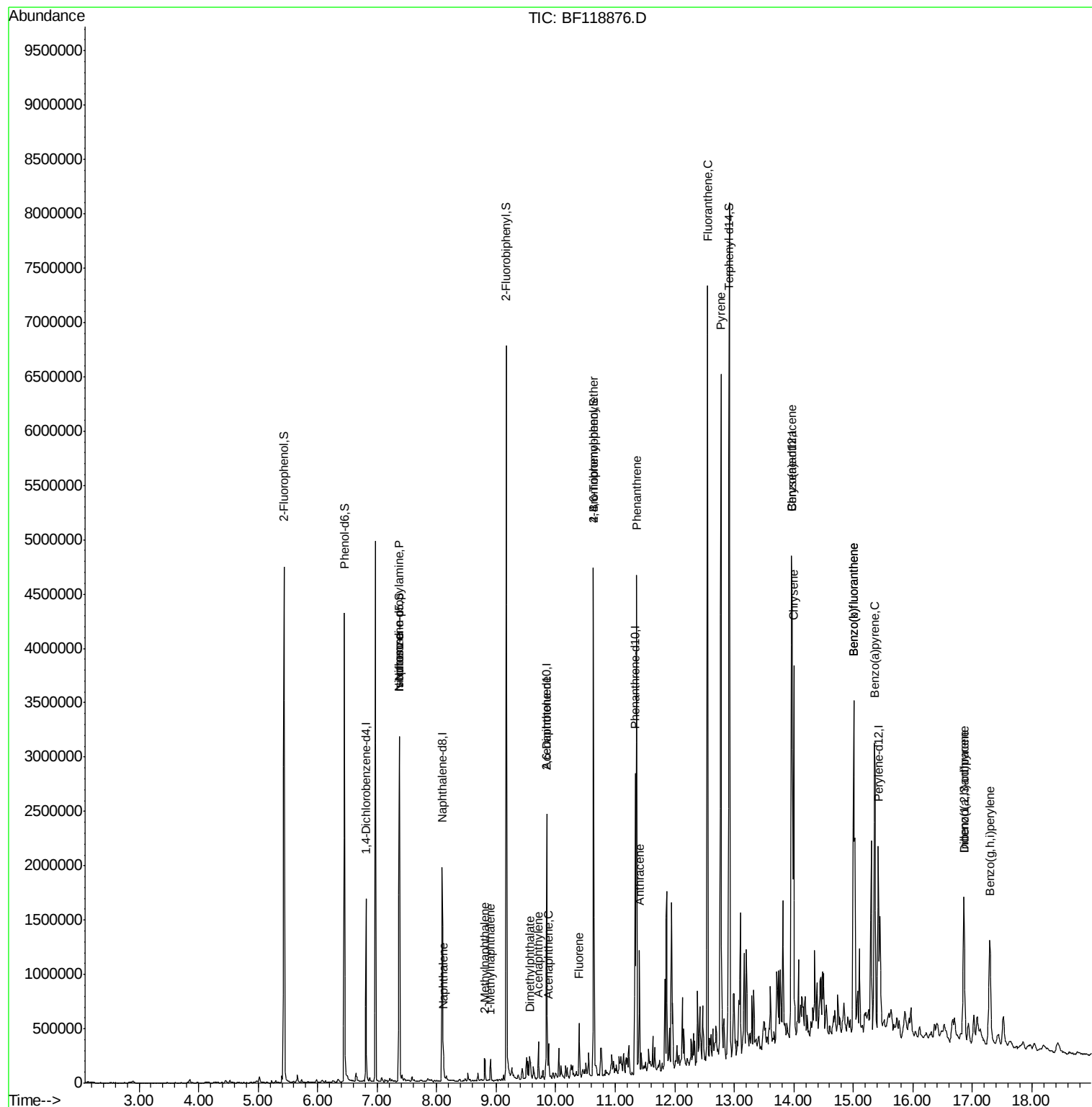
Target Compounds				Qvalue		
9) Benzaldehyde	6.36	77	3368	Below Cal	#	88
19) n-Nitroso-di-n-propylamine	7.37	70	153362	15.539 ng	#	77
25) Isophorone	7.37	82	1131283	41.076 ng	#	63
31) Naphthalene	8.12	128	88290	2.113 ng		98
37) 2-Methylnaphthalene	8.80	142	66541	2.297 ng		97
38) 1-Methylnaphthalene	8.90	142	55003	2.018 ng		100
49) Acenaphthylene	9.71	152	149939	3.413 ng		98
50) Dimethylphthalate	9.56	163	78490	2.179 ng		99
51) 2,6-Dinitrotoluene	9.85	165	72914	8.845 ng	#	31
52) Acenaphthene	9.88	154	60088	2.076 ng		99
58) Fluorene	10.39	166	119447	3.795 ng		98
67) 4-Bromophenyl-phenylether	10.64	248	43789	3.516 ng	#	1
71) Phenanthrene	11.36	178	1673353	32.300 ng		99
72) Anthracene	11.40	178	413169	8.017 ng		98
75) Fluoranthene	12.55	202	3103037	54.860 ng		98
78) Pyrene	12.77	202	2818418	51.323 ng		99
81) Benzo(a)anthracene	13.96	228	1576176	33.089 ng		97
83) Chrysene	14.00	228	1385945	28.990 ng		98
86) Indeno(1,2,3-cd)pyrene	16.86	276	964068	20.071 ng		96
88) Benzo(b)fluoranthene	15.00	252	2494958	46.469 ng		100
89) Benzo(k)fluoranthene	15.00	252	2494958	53.364 ng		98
90) Benzo(a)pyrene	15.36	252	1387039	30.187 ng		99
91) Dibenzo(a,h)anthracene	16.86	278	255318	6.259 ng		94
92) Benzo(g,h,i)perylene	17.29	276	859213	21.903 ng		98

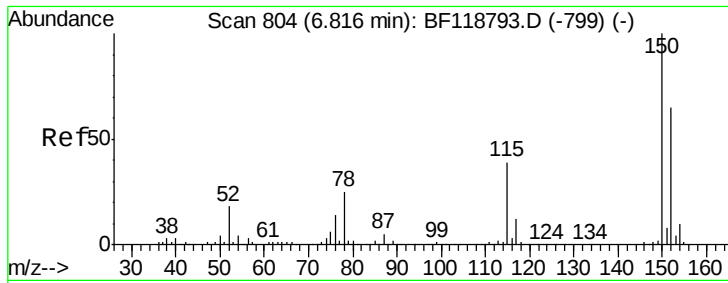
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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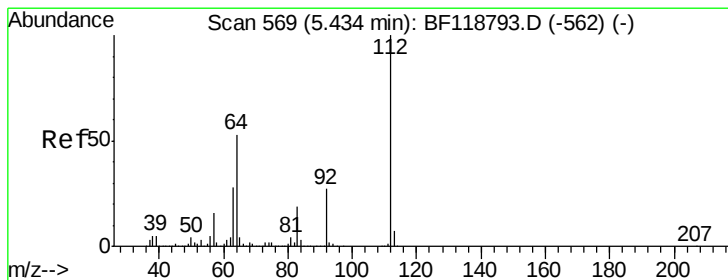
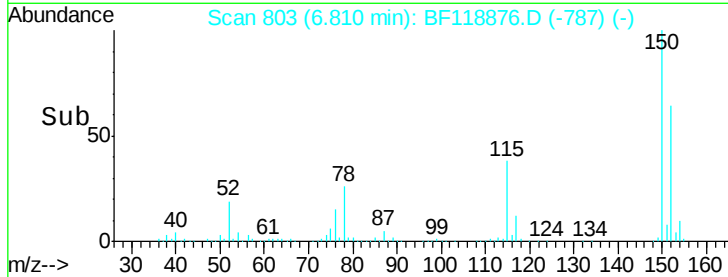
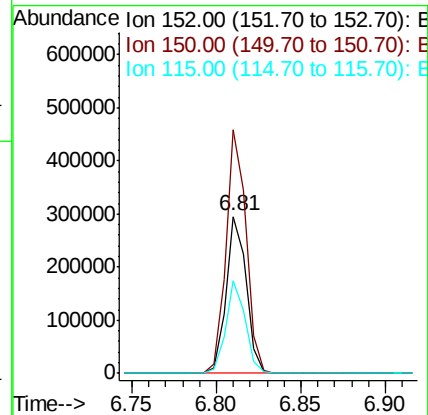
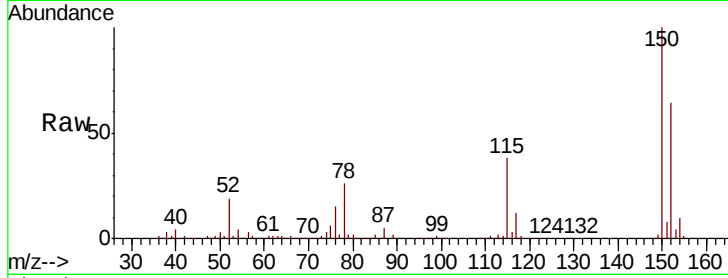


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118876.D
Acq: 10 Feb 2020 18:44

Instrument :
BNA_F
ClientSampleId :
PE-6-(SIDE-WALL)-NORTH

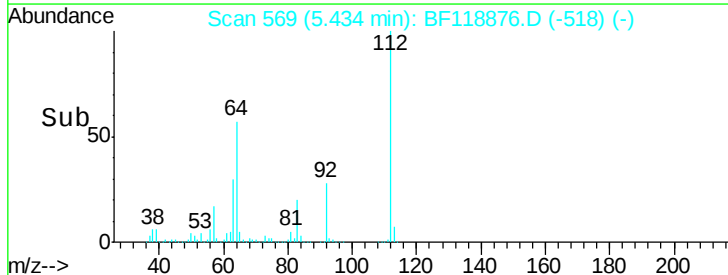
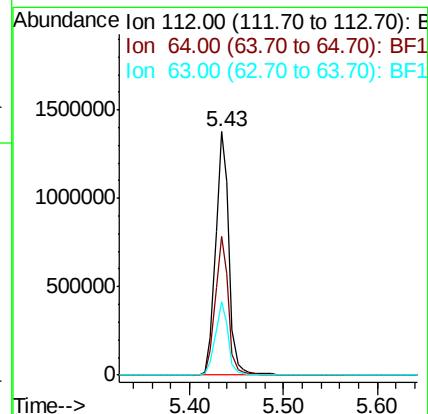
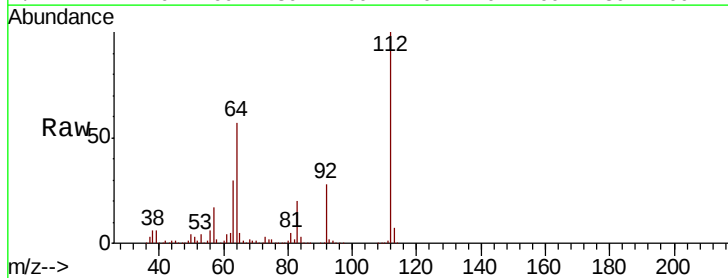
Tot Ion:152 Resp: 245971
Ion Ratio Lower Upper
152 100
150 155.2 123.6 185.4
115 59.2 48.2 72.2

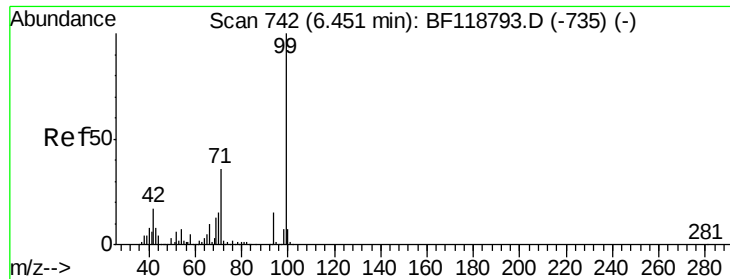


#5

2-Fluorophenol
Concen: 107.372 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF118876.D
Acq: 10 Feb 2020 18:44

Tgt Ion:112 Resp: 1395219
Ion Ratio Lower Upper
112 100
64 57.1 42.6 63.8
63 30.3 22.2 33.4





#7

Phenol-d6

Concen: 106.366 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF118876.D

Acq: 10 Feb 2020 18:44

Instrument :

BNA_F

ClientSampleId :

PE-6-(SIDE-WALL)-NORTH

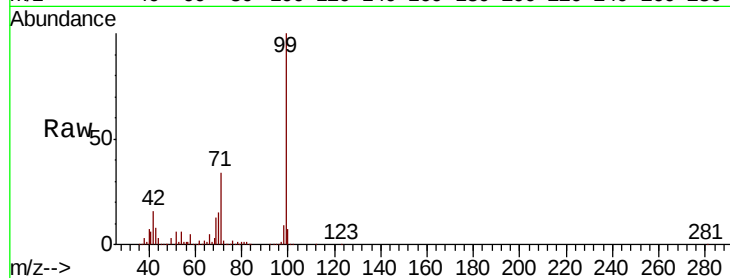
Tot Ion: 99 Resp: 1715727

Ion Ratio Lower Upper

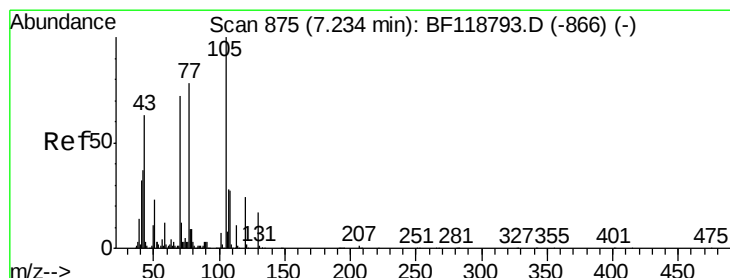
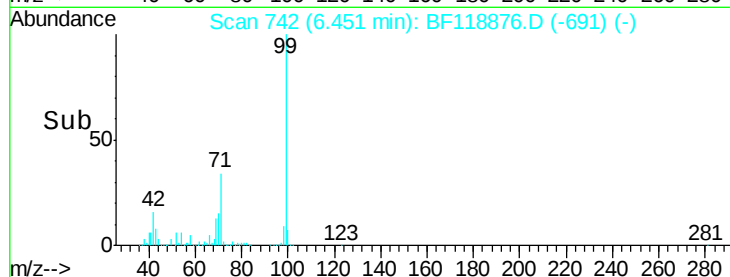
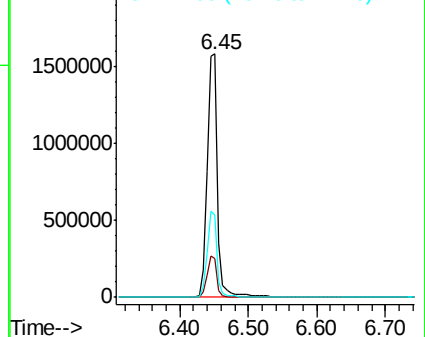
99 100

42 15.7 13.4 20.0

71 33.7 29.0 43.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 15.539 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF118876.D

Acq: 10 Feb 2020 18:44

Tgt Ion: 70 Resp: 153362

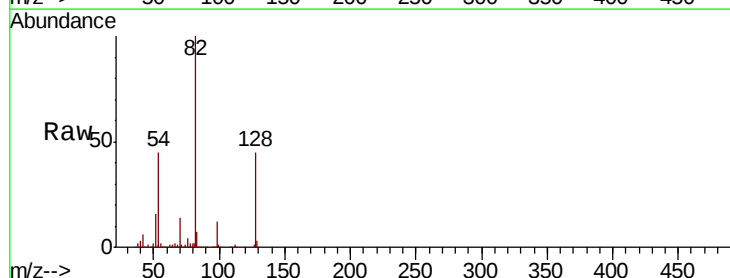
Ion Ratio Lower Upper

70 100

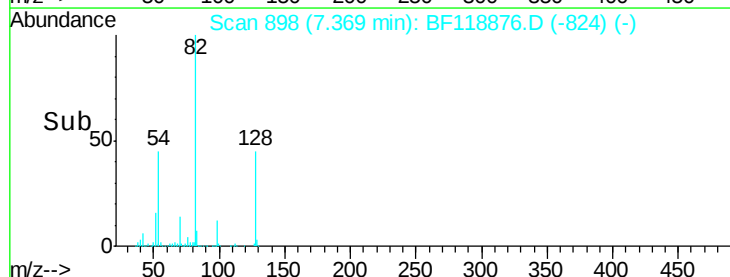
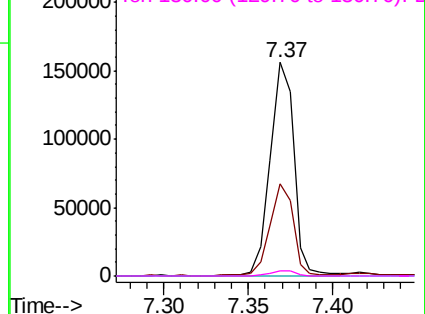
42 43.0 41.5 62.3

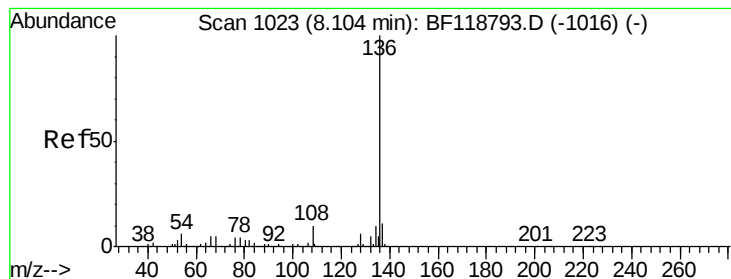
101 0.0 8.3 12.5#

130 2.4 19.2 28.8#



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: BF118876.D

Acq: 10 Feb 2020 18:44

Instrument :

BNA_F

ClientSampleId :

PE-6-(SIDE-WALL)-NORTH

Tot Ion:136 Resp: 913418

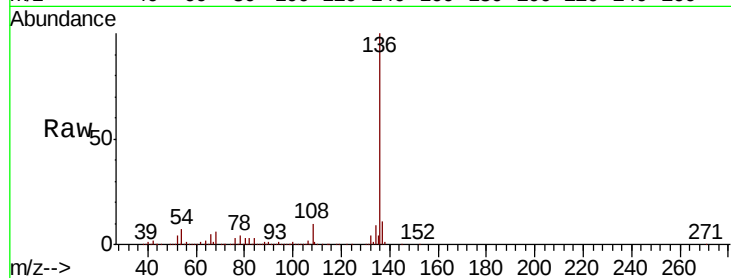
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.0 5.0 7.6

68 6.3 4.2 6.4

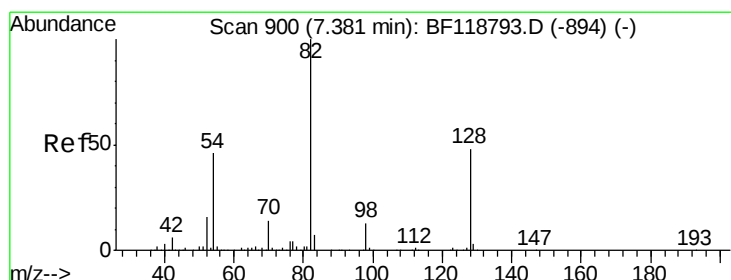
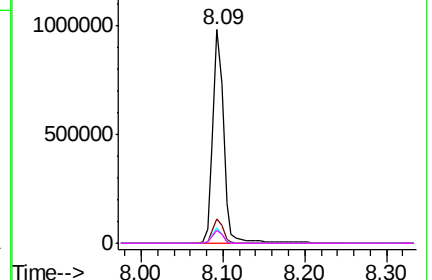
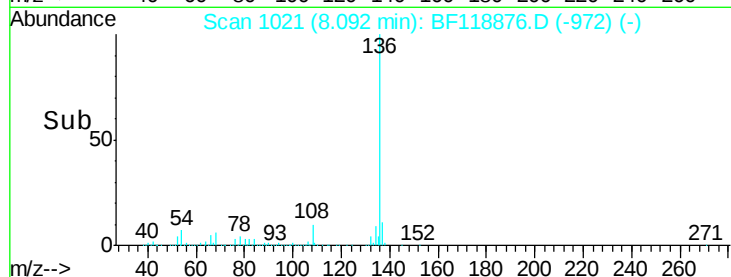


Abundance Ion 136.00 (135.70 to 136.70): E

1500000 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: 74.046 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF118876.D

Acq: 10 Feb 2020 18:44

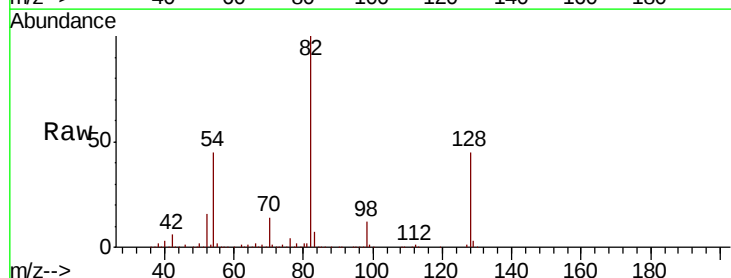
Tgt Ion: 82 Resp: 1134717

Ion Ratio Lower Upper

82 100

128 45.1 38.5 57.7

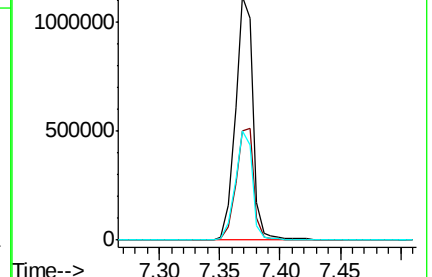
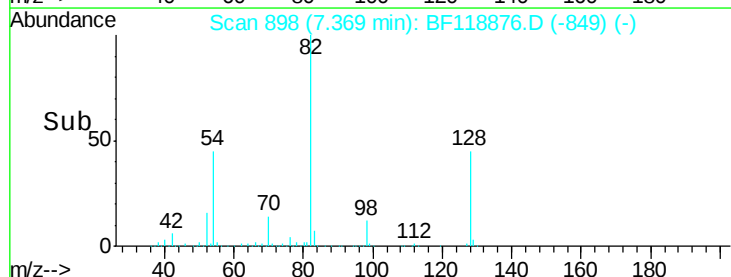
54 45.0 36.7 55.1

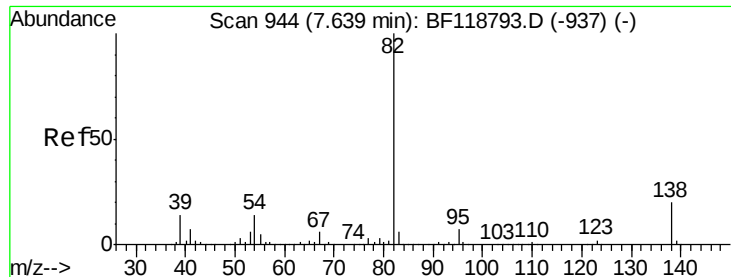


Abundance Ion 82.00 (81.70 to 82.70): BF1

1500000 Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.076 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF118876.D

Acq: 10 Feb 2020 18:44

Instrument :

BNA_F

ClientSampleId :

PE-6-(SIDE-WALL)-NORTH

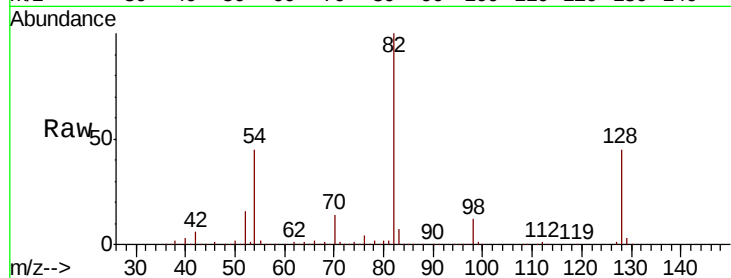
Tot Ion: 82 Resp: 1131283

Ion Ratio Lower Upper

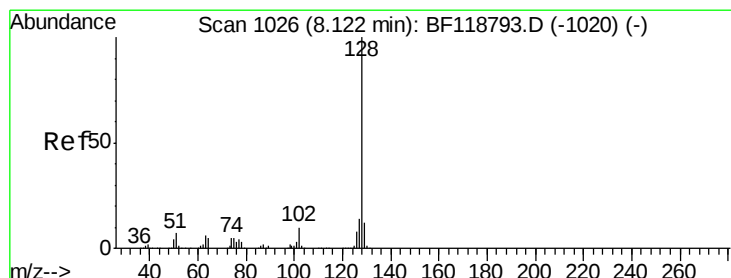
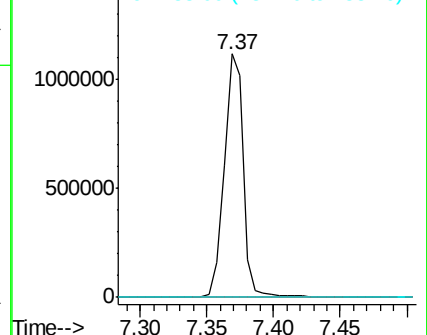
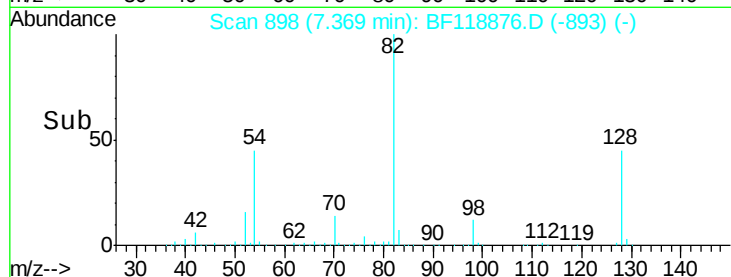
82 100

95 0.1 6.0 9.0#

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: 2.113 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118876.D

Acq: 10 Feb 2020 18:44

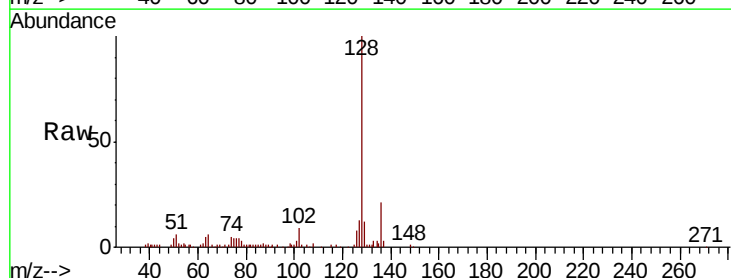
Tgt Ion: 128 Resp: 88290

Ion Ratio Lower Upper

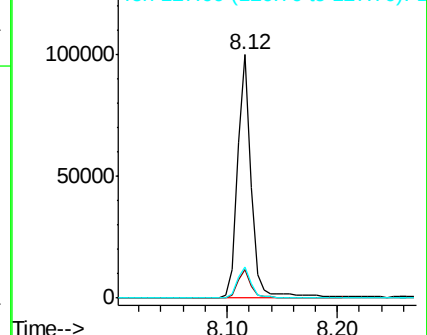
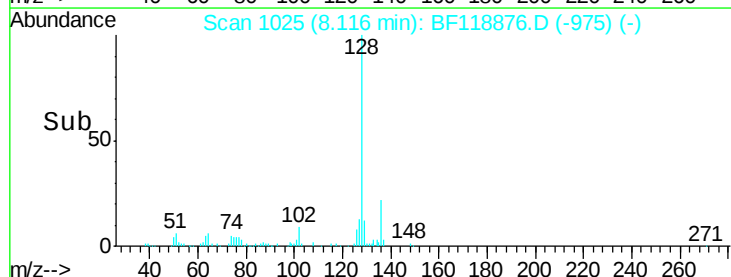
128 100

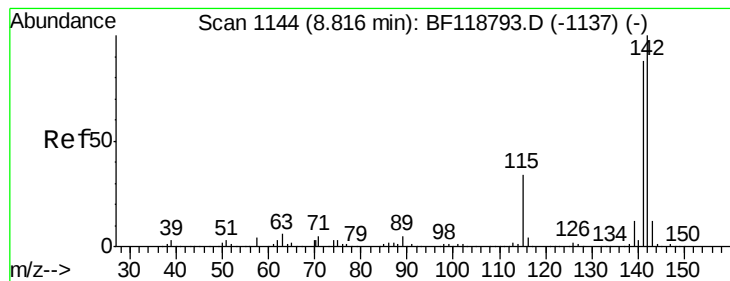
129 11.7 9.4 14.2

127 12.6 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 129.00 (128.70 to 129.70): BF1
Ion 127.00 (126.70 to 127.70): BF1

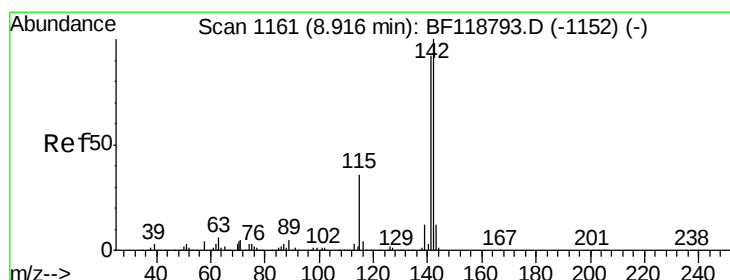
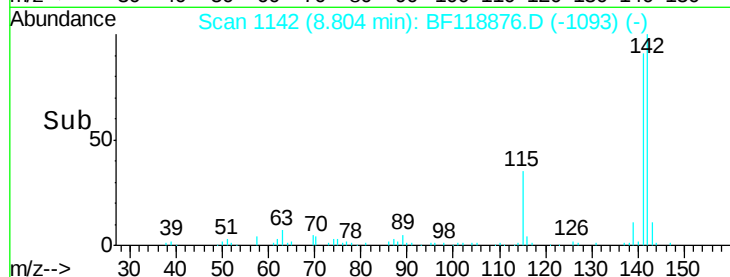
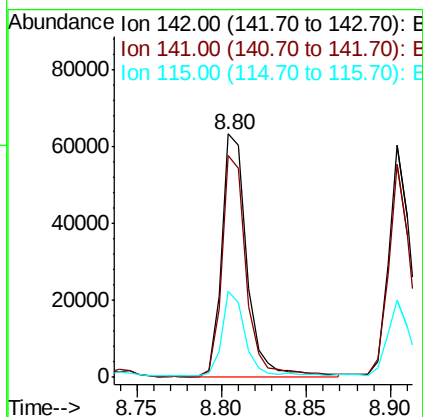
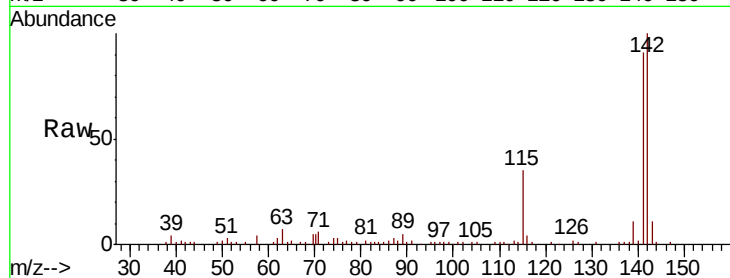




#37
 2-Methylnaphthalene
 Concen: 2.297 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF118876.D
 Acq: 10 Feb 2020 18:44

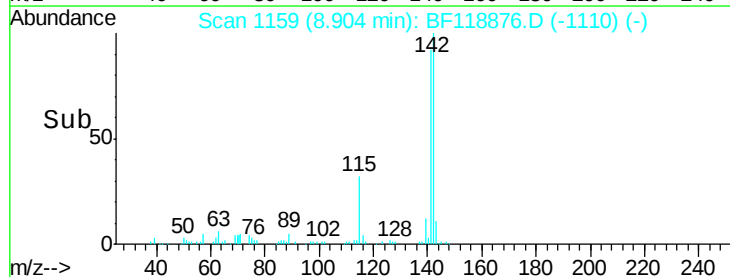
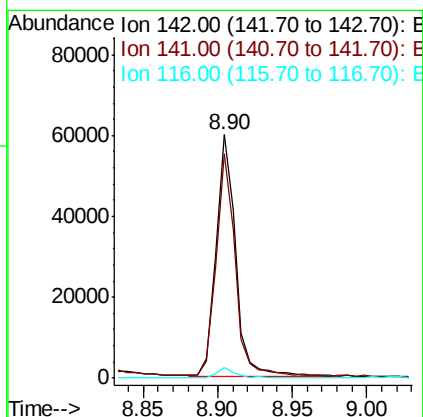
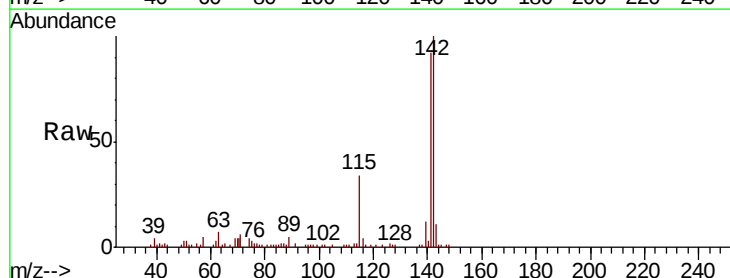
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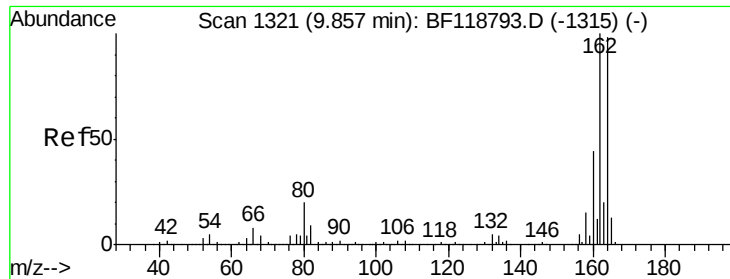
Tot Ion:142	Resp:	66541
Ion Ratio	Lower	Upper
142	100	
141	91.0	70.1 105.1
115	35.2	27.3 40.9



#38
 1-Methylnaphthalene
 Concen: 2.018 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BF118876.D
 Acq: 10 Feb 2020 18:44

Tgt Ion:142	Resp:	55003
Ion Ratio	Lower	Upper
142	100	
141	92.0	73.8 110.6
116	4.3	3.0 4.4

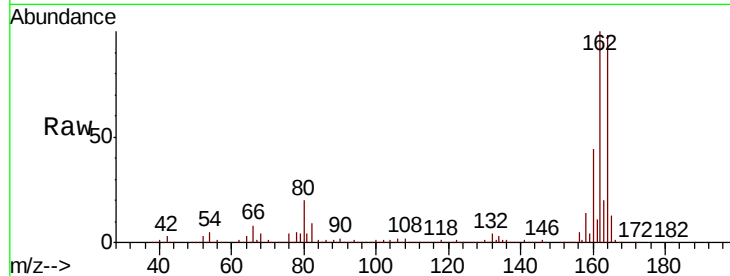




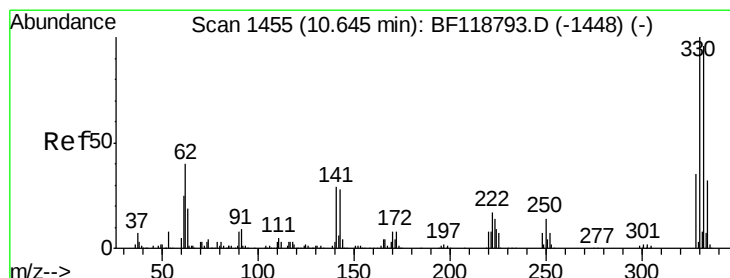
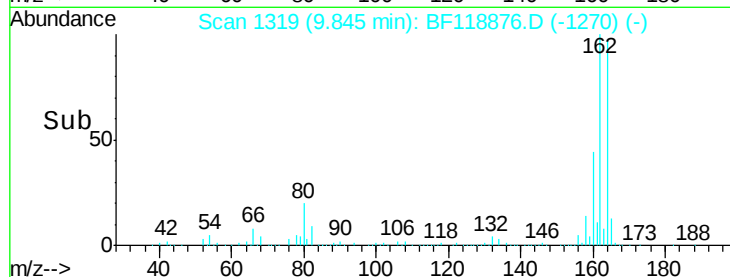
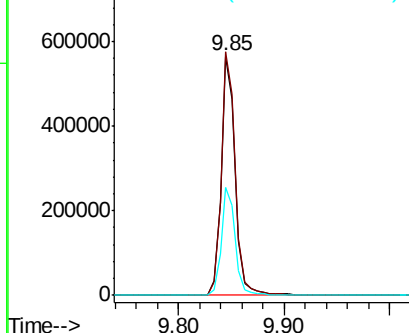
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118876.D
Acq: 10 Feb 2020 18:44

Instrument :
BNA_F
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PE-6-(SIDE-WALL)-NORTH

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.4	122.2
160	45.1	35.6	53.4

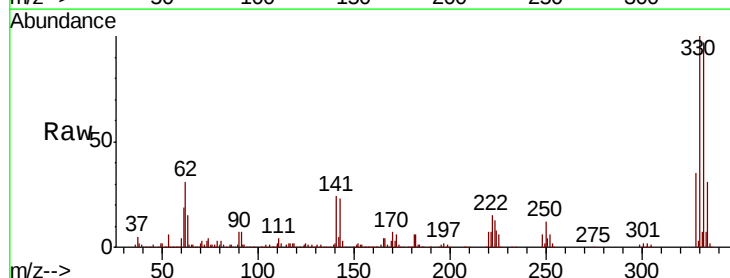


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

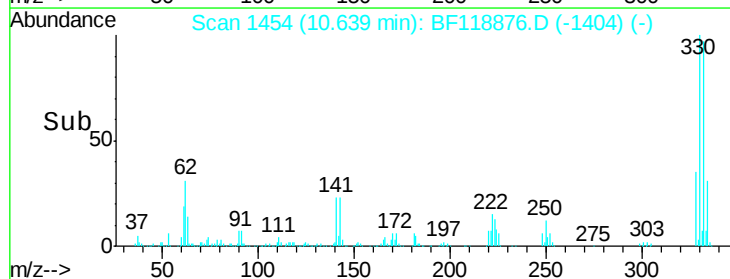
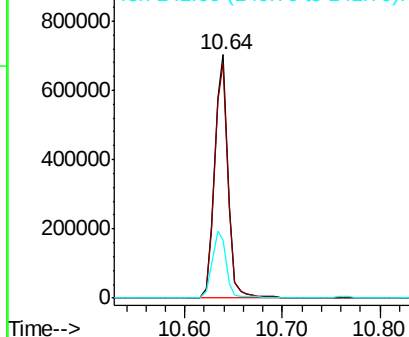


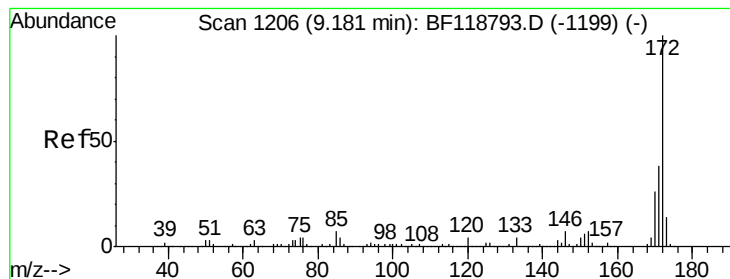
#42
2,4,6-Tribromophenol
Concen: 106.375 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF118876.D
Acq: 10 Feb 2020 18:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	27.9	22.4	33.6



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: 76.348 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF118876.D

Acq: 10 Feb 2020 18:44

Instrument :

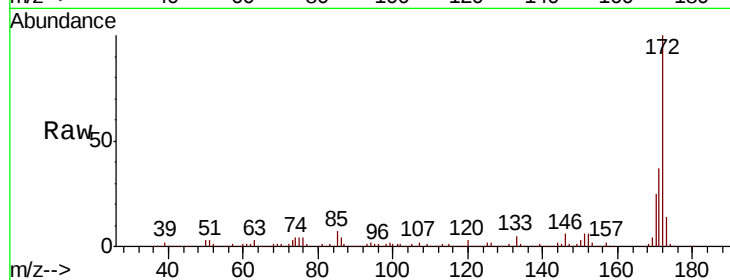
BNA_F

ClientSampleId :

PE-6-(SIDE-WALL)-NORTH

Tot Ion:172 Resp: 2259751

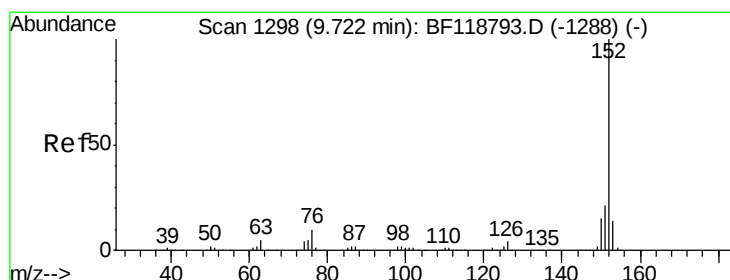
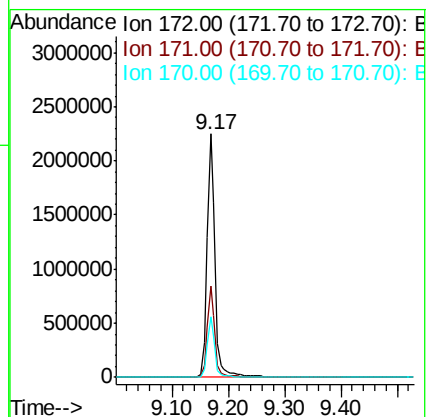
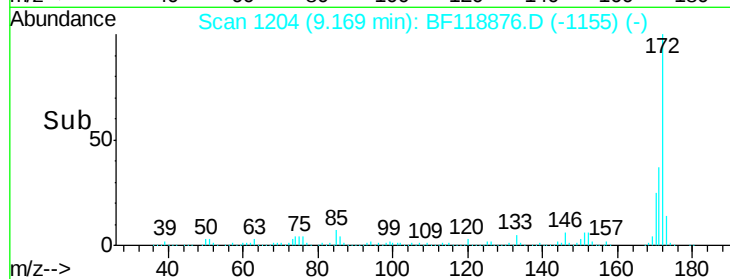
Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	24.7	20.5	30.7



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



#49

Acenaphthylene

Concen: 3.413 ng

RT: 9.71 min Scan# 1296

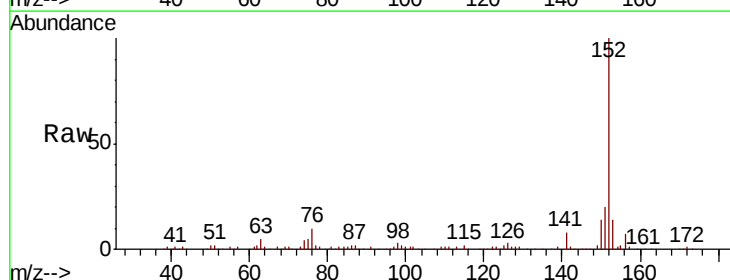
Delta R.T. -0.01 min

Lab File: BF118876.D

Acq: 10 Feb 2020 18:44

Tgt Ion:152 Resp: 149939

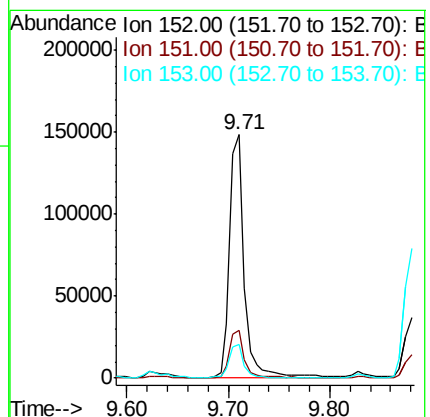
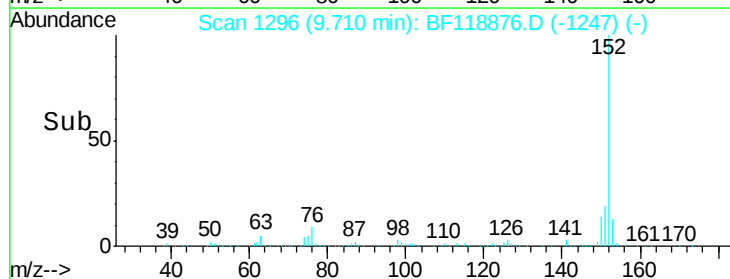
Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.1	25.7
153	13.8	11.0	16.4

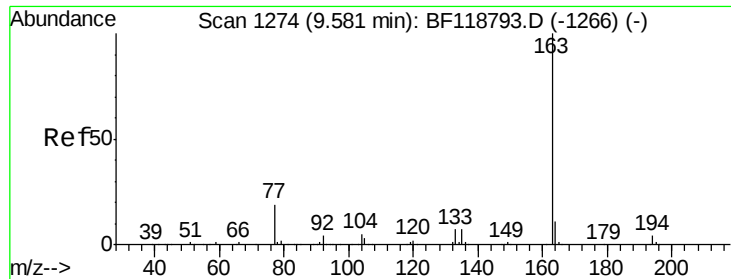


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

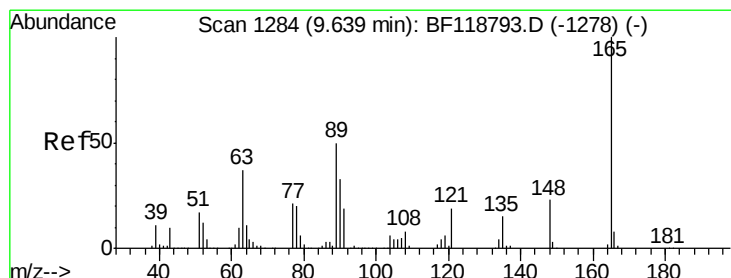
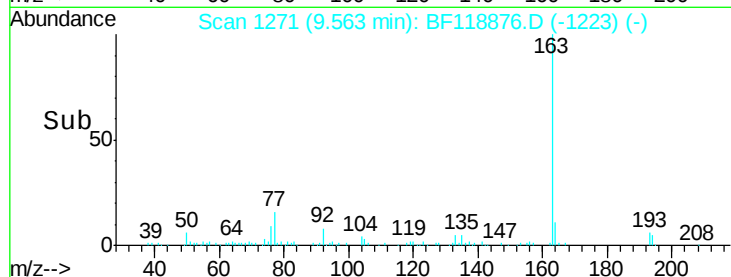
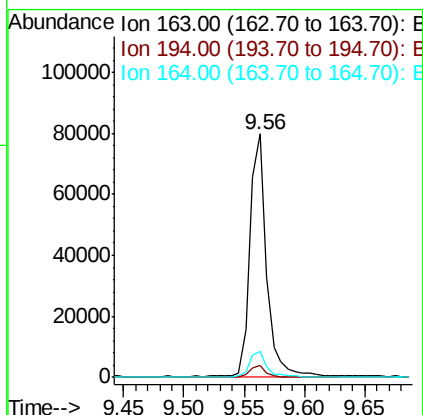
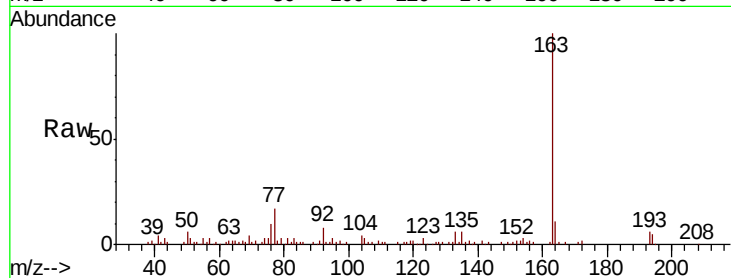




#50
Dimethylphthalate
Concen: 2.179 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF118876.D
Acq: 10 Feb 2020 18:44

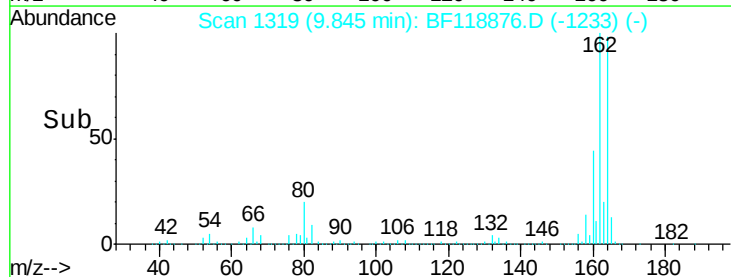
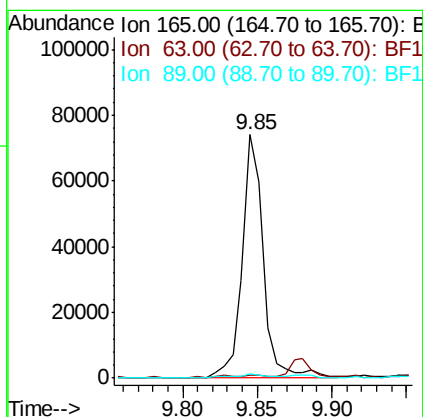
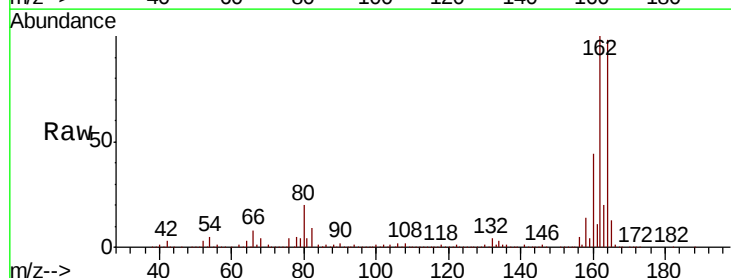
Instrument :
BNA_F
ClientSampleId :
PE-6-(SIDE-WALL)-NORTH

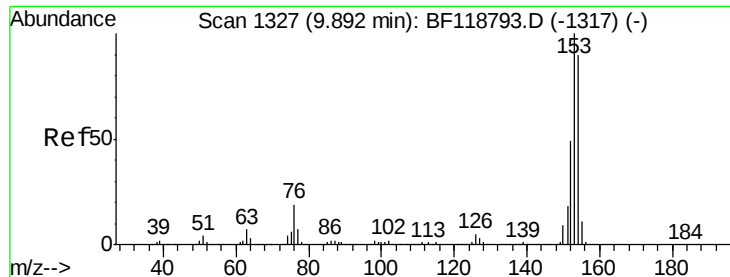
Tot Ion:163 Resp: 78490
Ion Ratio Lower Upper
163 100
194 5.1 3.6 5.4
164 10.8 8.7 13.1



#51
2,6-Dinitrotoluene
Concen: 8.845 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF118876.D
Acq: 10 Feb 2020 18:44

Tgt Ion:165 Resp: 72914
Ion Ratio Lower Upper
165 100
63 1.3 37.4 56.0#
89 1.7 39.7 59.5#





#52

Acenaphthene

Concen: 2.076 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF118876.D

Acq: 10 Feb 2020 18:44

Instrument :

BNA_F

ClientSampleId :

PE-6-(SIDE-WALL)-NORTH

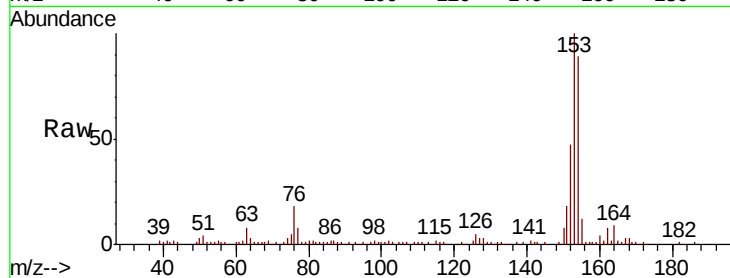
Tot Ion:154 Resp: 60088

Ion Ratio Lower Upper

154 100

153 112.9 89.4 134.0

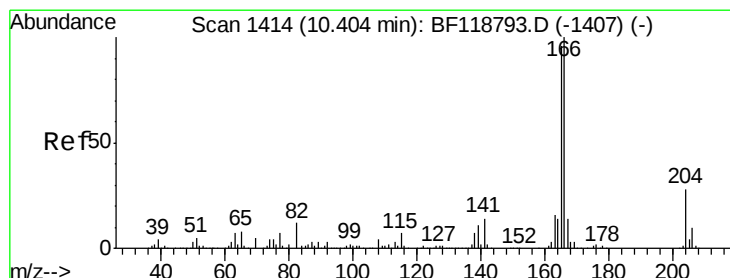
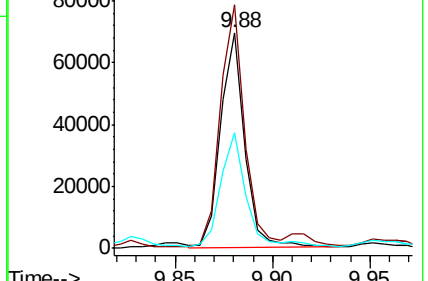
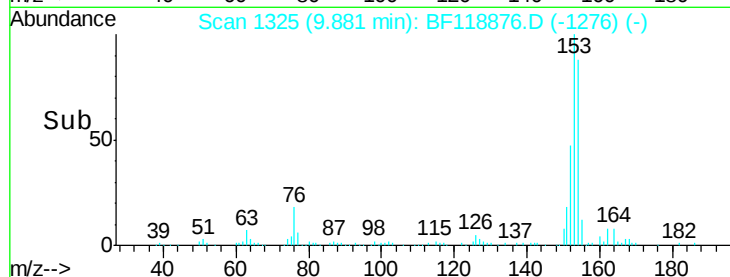
152 53.5 43.6 65.4



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



#58

Fluorene

Concen: 3.795 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF118876.D

Acq: 10 Feb 2020 18:44

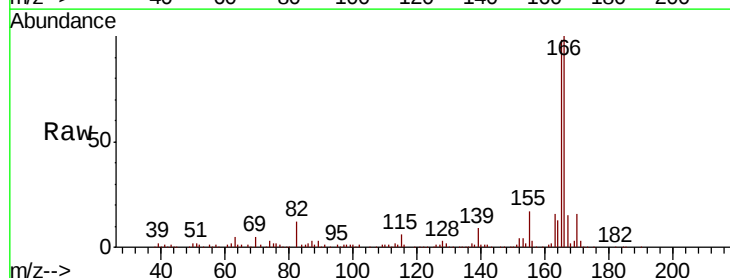
Tgt Ion:166 Resp: 119447

Ion Ratio Lower Upper

166 100

165 97.7 77.0 115.6

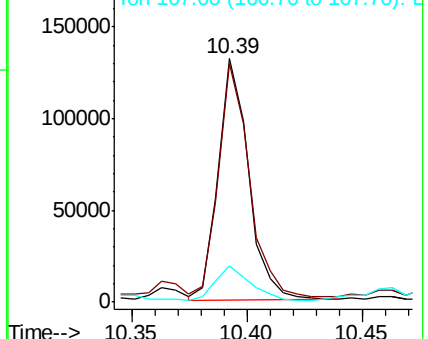
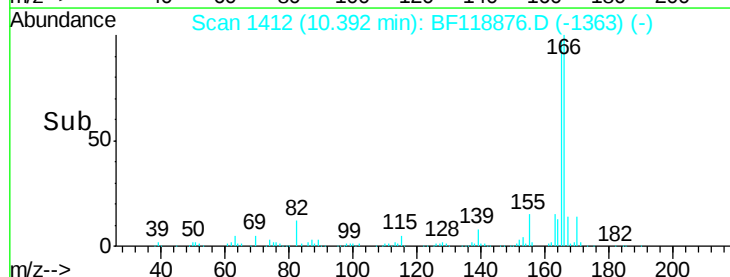
167 14.9 11.1 16.7

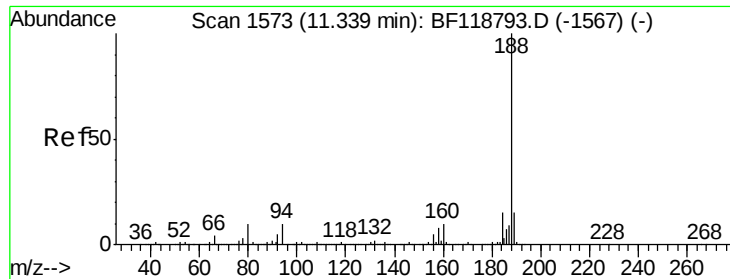


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF118876.D

Acq: 10 Feb 2020 18:44

Instrument :

BNA_F

ClientSampleId :

PE-6-(SIDE-WALL)-NORTH

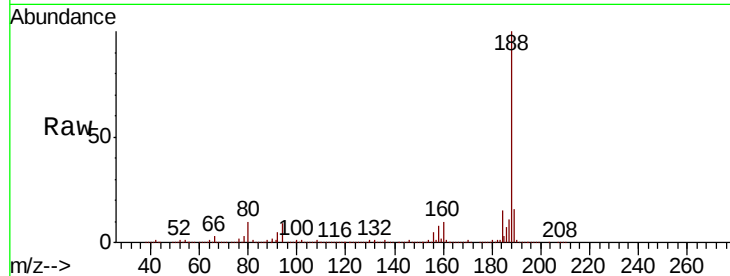
Tot Ion:188 Resp: 1052942

Ion Ratio Lower Upper

188 100

94 8.8 7.9 11.9

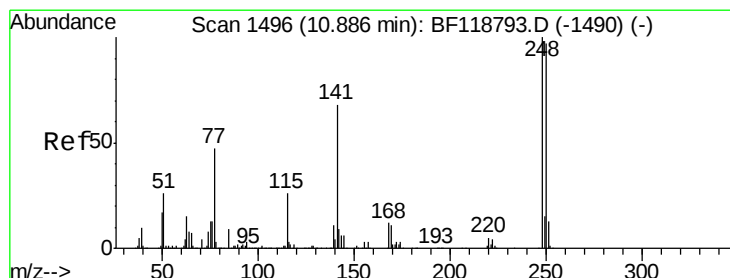
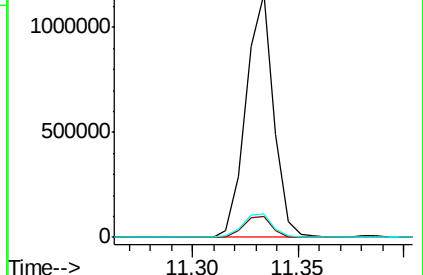
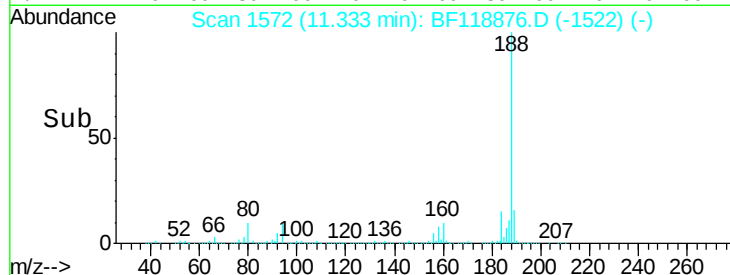
80 9.7 8.4 12.6



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: 3.516 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.25 min

Lab File: BF118876.D

Acq: 10 Feb 2020 18:44

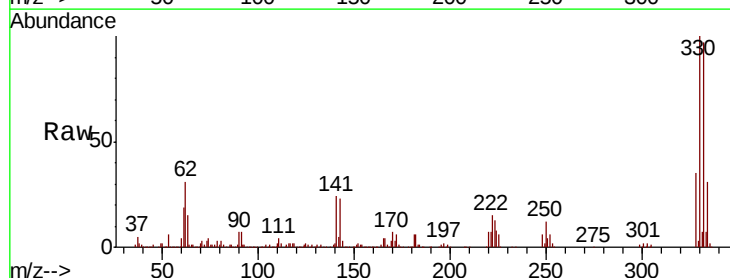
Tgt Ion:248 Resp: 43789

Ion Ratio Lower Upper

248 100

250 194.3 77.6 116.4#

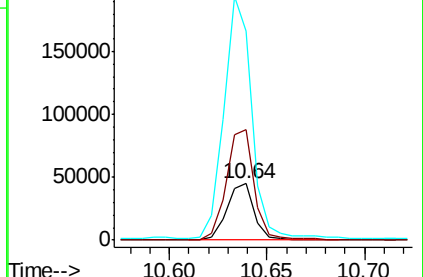
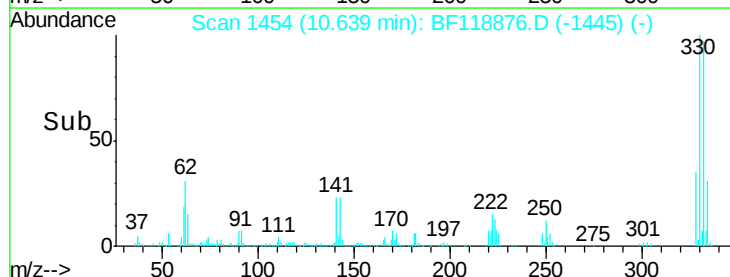
141 369.0 54.4 81.6#

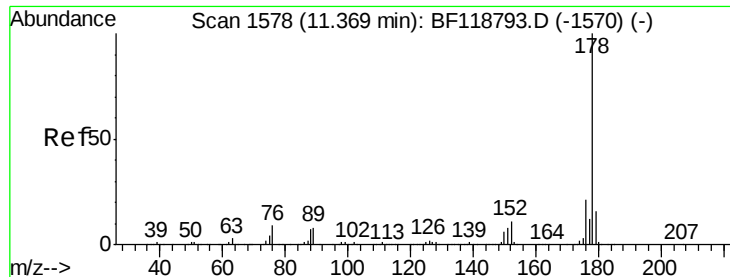


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

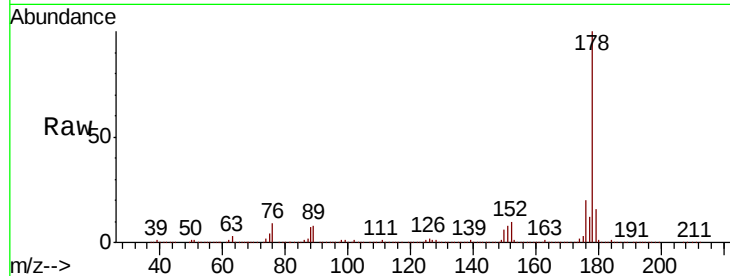




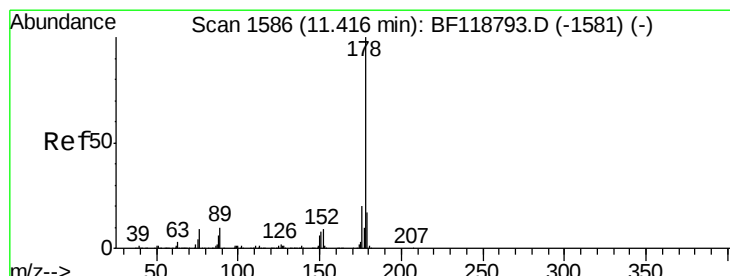
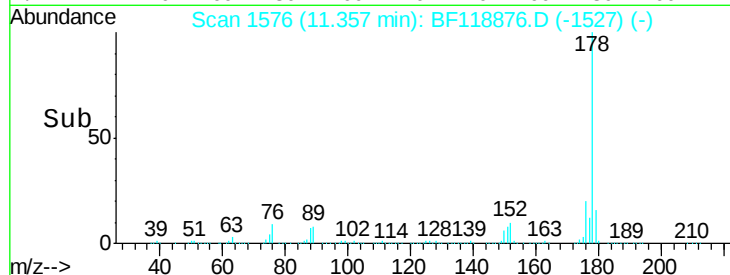
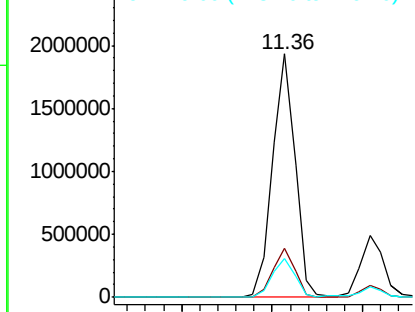
#71
Phenanthrene
Concen: 32.300 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF118876.D
Acq: 10 Feb 2020 18:44

Instrument :
BNA_F
ClientSampleId :
PE-6-(SIDE-WALL)-NORTH

Tot Ion:178 Resp: 1673353
Ion Ratio Lower Upper
178 100
176 20.0 16.6 24.8
179 16.0 13.2 19.8

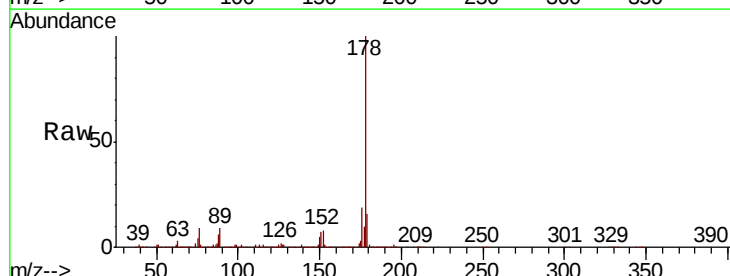


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

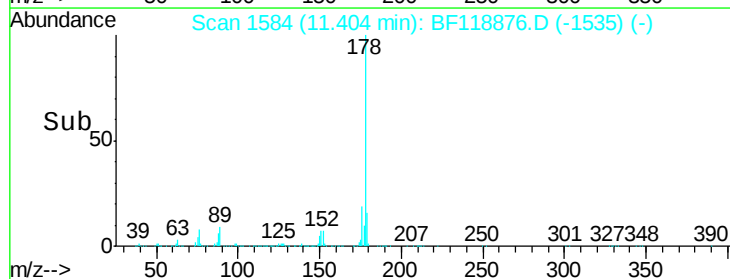
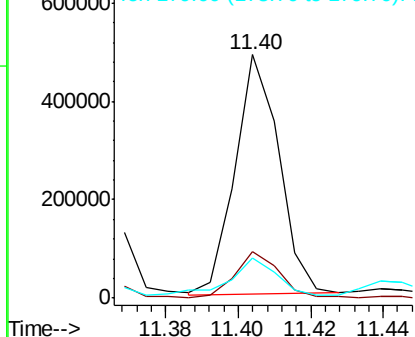


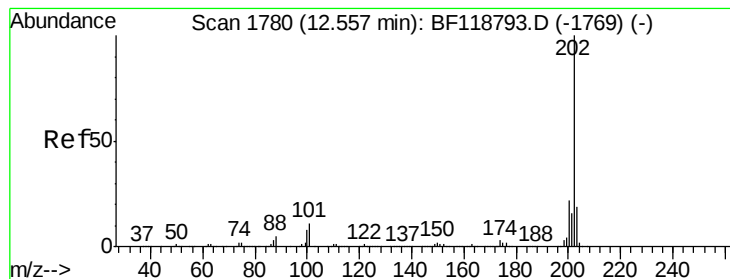
#72
Anthracene
Concen: 8.017 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118876.D
Acq: 10 Feb 2020 18:44

Tgt Ion:178 Resp: 413169
Ion Ratio Lower Upper
178 100
176 18.8 16.2 24.2
179 16.2 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 54.860 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF118876.D

Acq: 10 Feb 2020 18:44

Instrument :

BNA_F

ClientSampleId :

PE-6-(SIDE-WALL)-NORTH

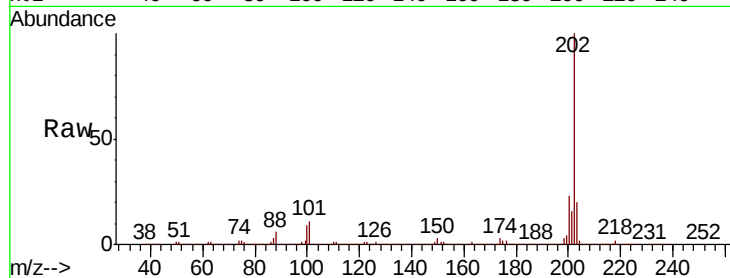
Tot Ion:202 Resp: 3103037

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.0
203	19.7	0.0	38.7

202 100

101 11.4 0.0 31.0

203 19.7 0.0 38.7

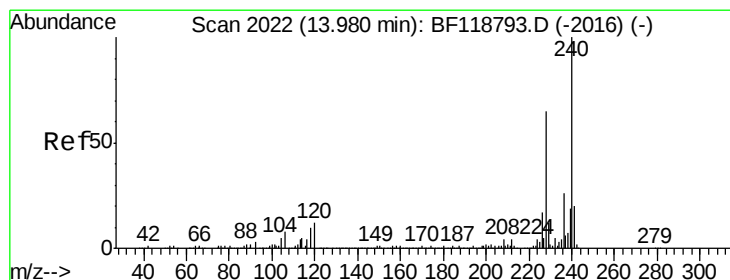
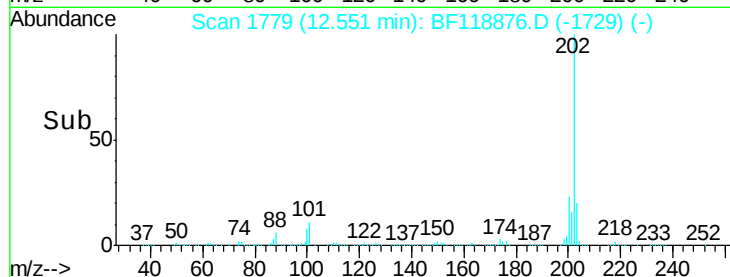
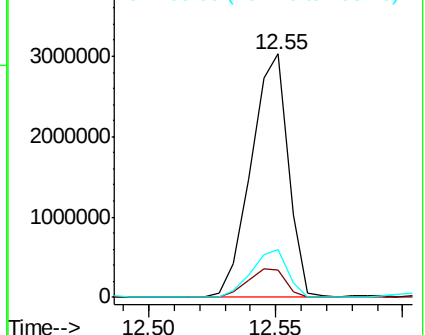


Abundance

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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF118876.D

Acq: 10 Feb 2020 18:44

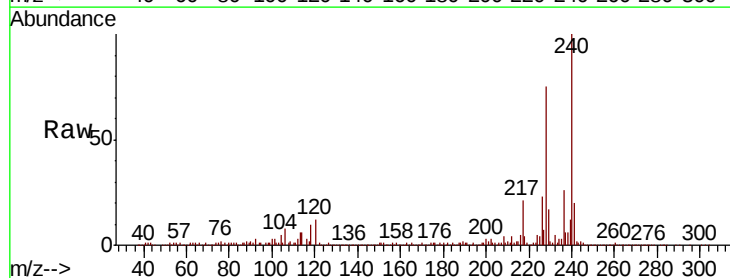
Tgt Ion:240 Resp: 800487

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.4	14.0
236	26.1	21.0	31.6

240 100

120 11.6 9.4 14.0

236 26.1 21.0 31.6

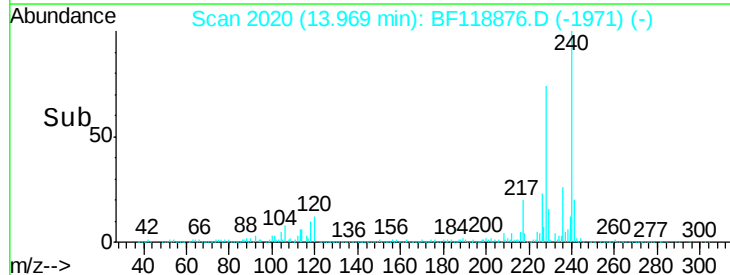
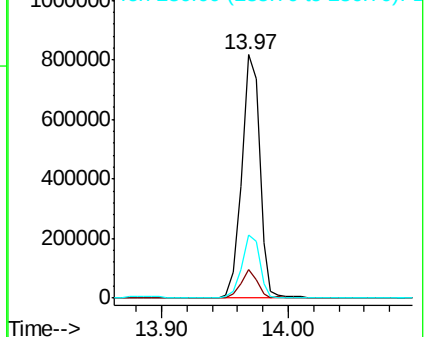


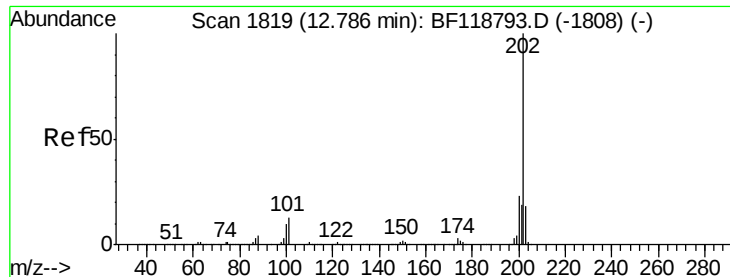
Abundance

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

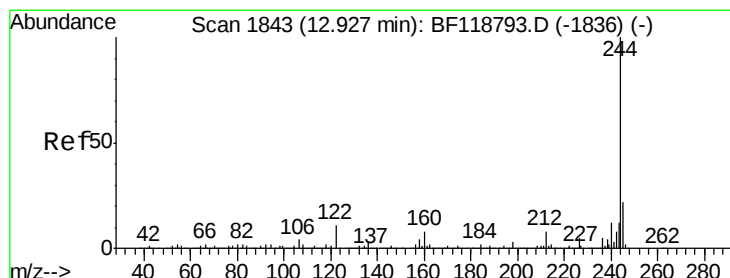
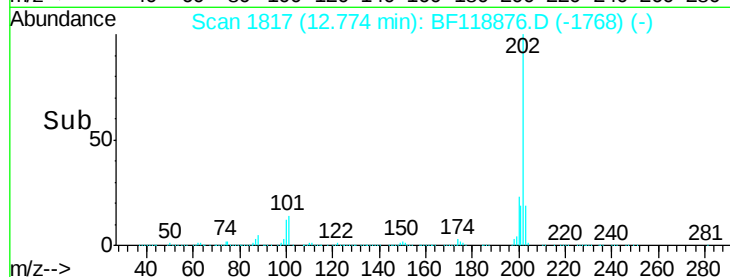
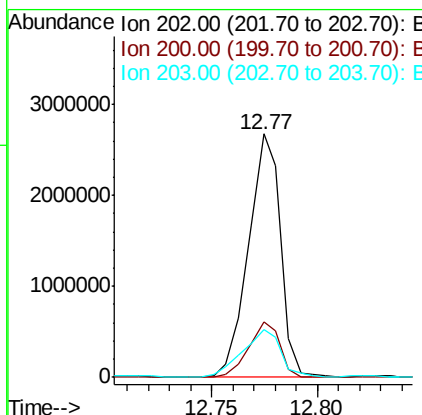
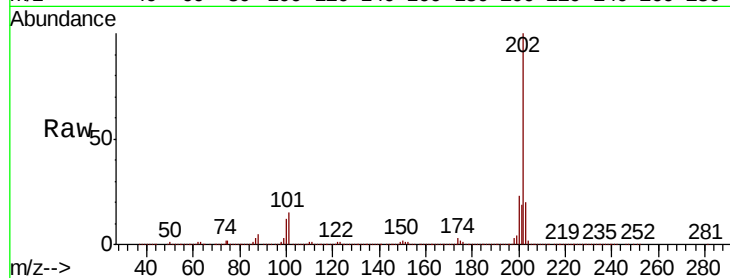




#78
Pvrene
Concen: 51.323 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF118876.D
Acq: 10 Feb 2020 18:44

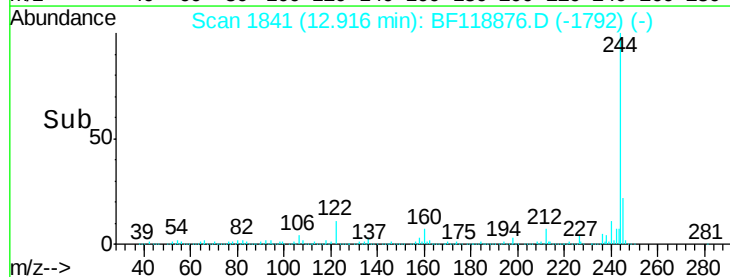
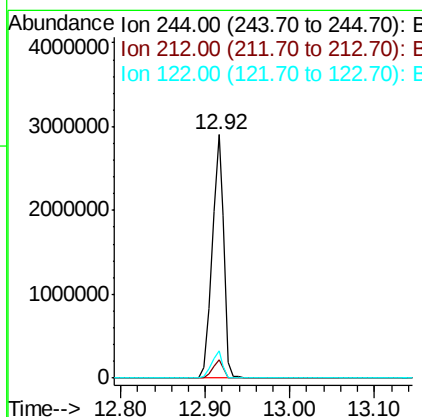
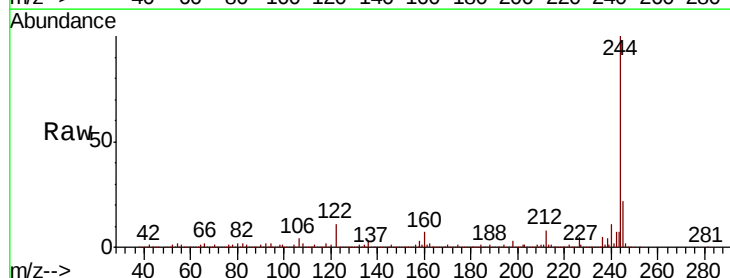
Instrument :
BNA_F
ClientSampleId :
PE-6-(SIDE-WALL)-NORTH

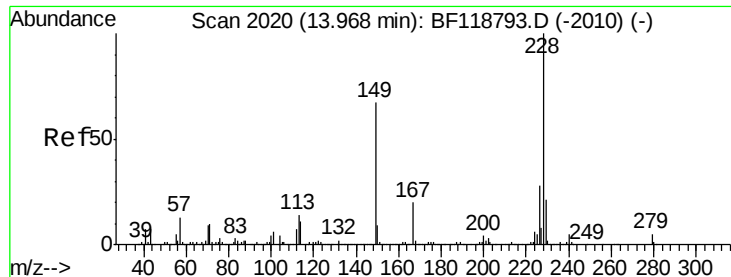
Tot Ion:202 Resp: 2818418
Ion Ratio Lower Upper
202 100
200 22.9 18.2 27.2
203 19.5 14.8 22.2



#79
Terphenyl-d14
Concen: 73.316 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF118876.D
Acq: 10 Feb 2020 18:44

Tgt Ion:244 Resp: 2857203
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 11.2 8.9 13.3





#81

Benzo(a)anthracene

Concen: 33.089 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF118876.D

Acq: 10 Feb 2020 18:44

Instrument :

BNA_F

ClientSampleId :

PE-6-(SIDE-WALL)-NORTH

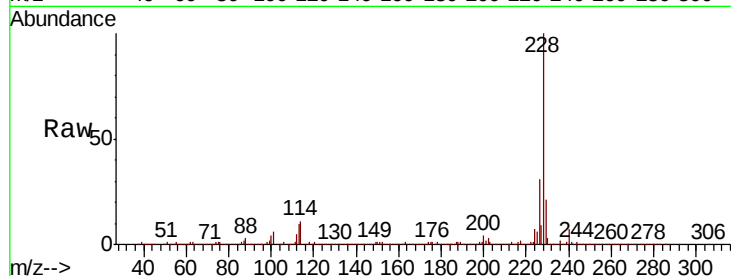
Tot Ion:228 Resp: 1576176

Ion Ratio Lower Upper

228 100

226 30.7 22.7 34.1

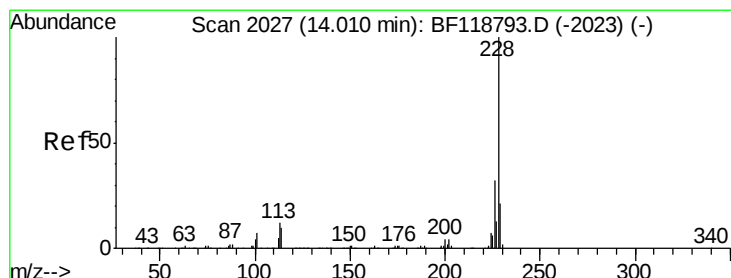
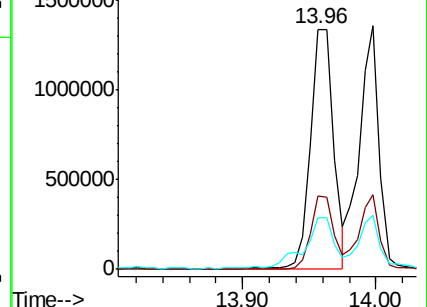
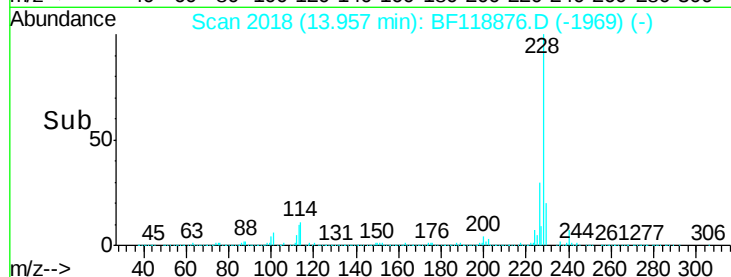
229 21.2 16.6 25.0



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: 28.990 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF118876.D

Acq: 10 Feb 2020 18:44

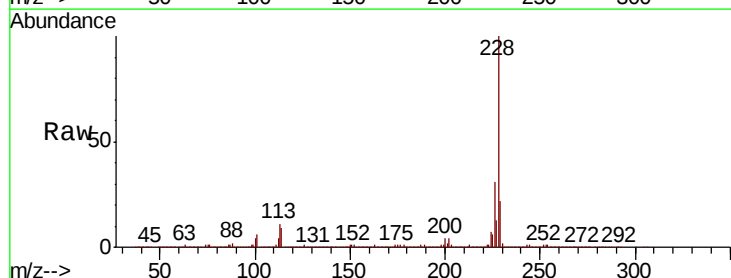
Tgt Ion:228 Resp: 1385945

Ion Ratio Lower Upper

228 100

226 30.7 25.4 38.0

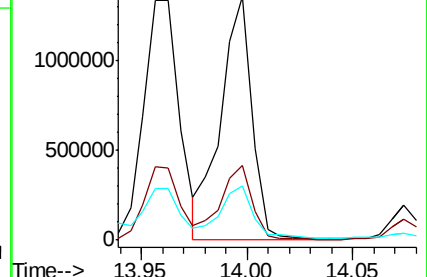
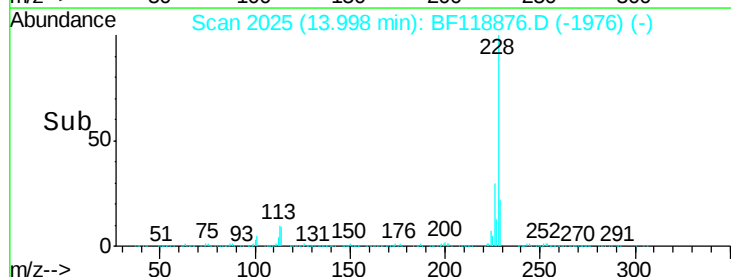
229 22.5 16.9 25.3

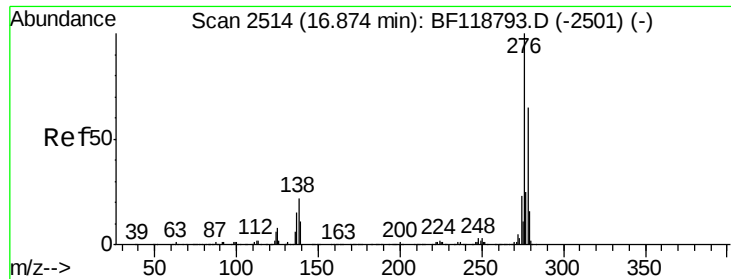


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

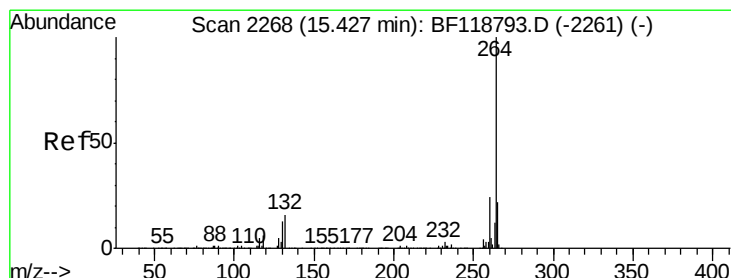
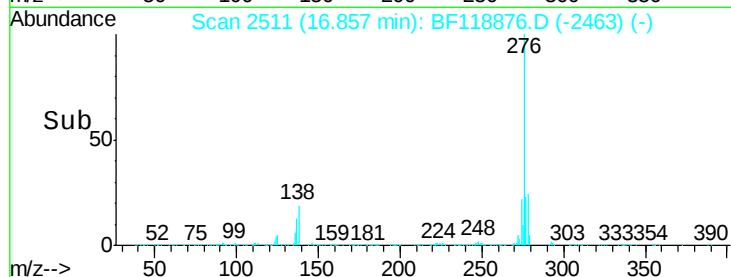
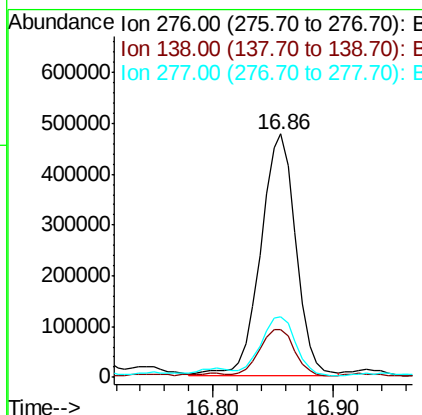
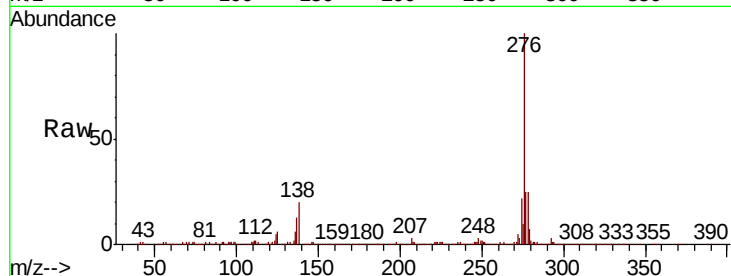




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 20.071 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. -0.02 min
 Lab File: BF118876.D
 Acq: 10 Feb 2020 18:44

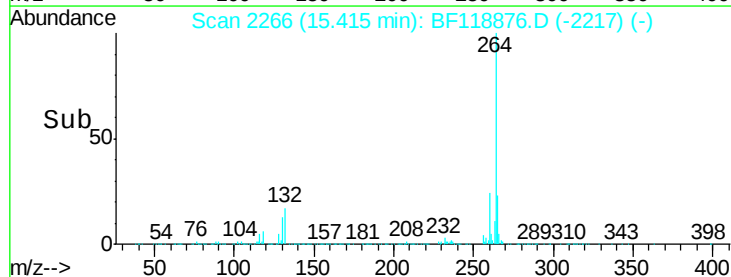
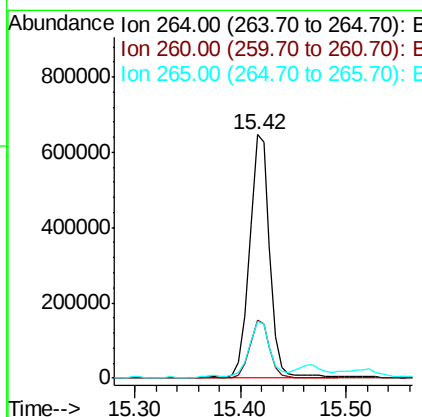
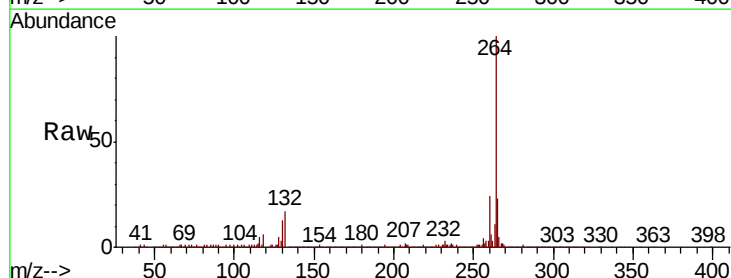
Instrument :
 BNA_F
 ClientSampleId :
 PE-6-(SIDE-WALL)-NORTH

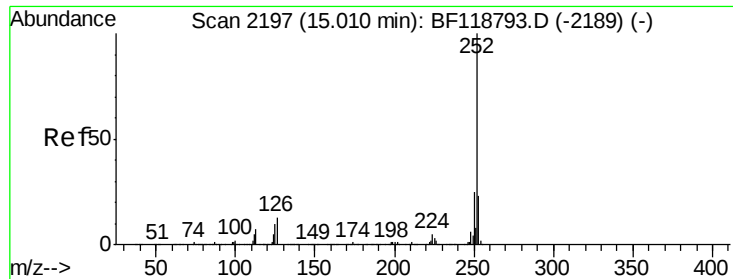
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	18.3	27.5
277	24.2	20.2	30.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF118876.D
 Acq: 10 Feb 2020 18:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	23.1	17.2	25.8

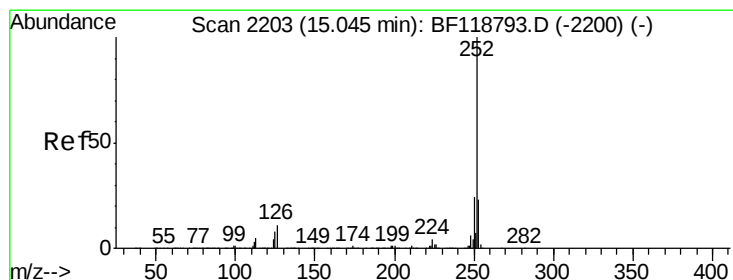
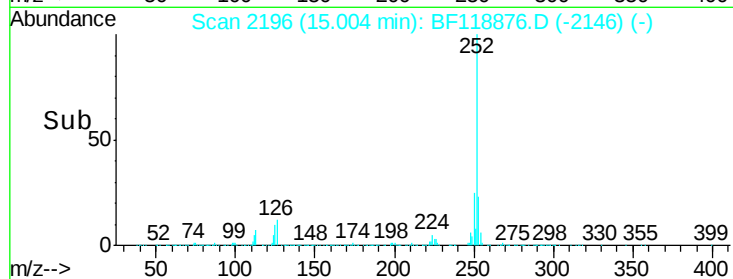
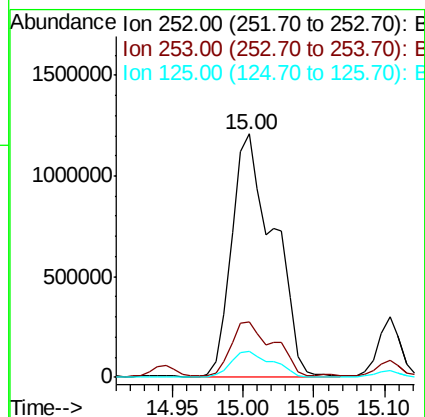
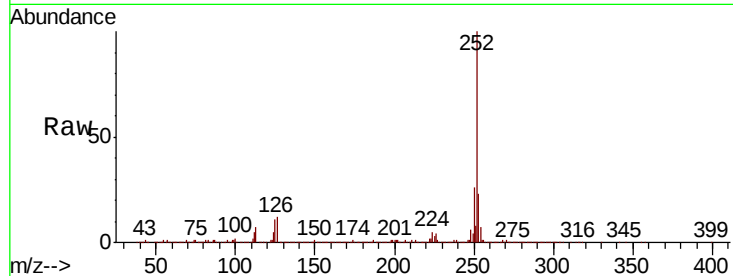




#88
Benzo(b)fluoranthene
Concen: 46.469 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF118876.D
Acq: 10 Feb 2020 18:44

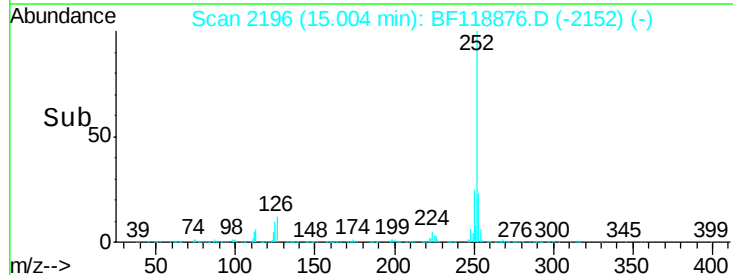
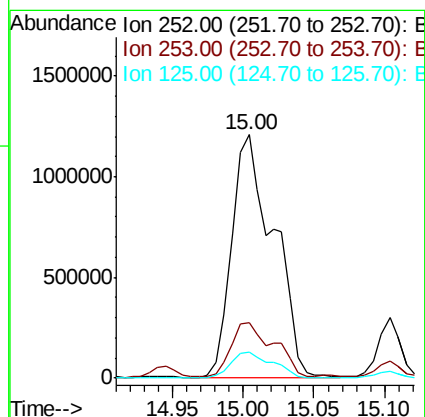
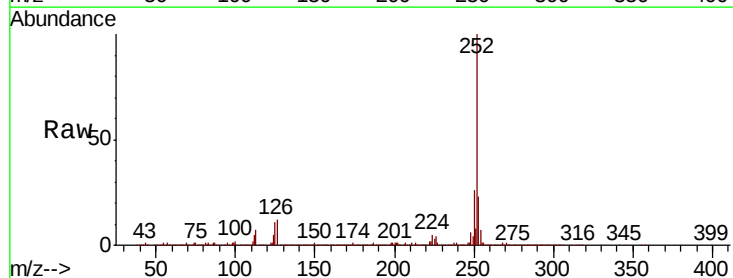
Instrument :
BNA_F
ClientSampleId :
PE-6-(SIDE-WALL)-NORTH

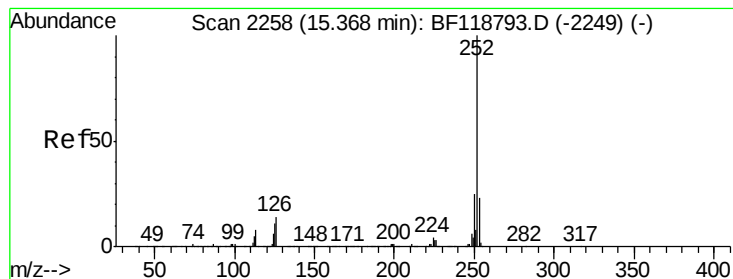
Tot Ion:252 Resp: 2494958
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 10.5 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 53.364 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF118876.D
Acq: 10 Feb 2020 18:44

Tgt Ion:252 Resp: 2494958
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 10.5 7.0 10.6





#90

Benzo(a)pyrene

Concen: 30.187 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF118876.D

Acq: 10 Feb 2020 18:44

Instrument :

BNA_F

ClientSampleId :

PE-6-(SIDE-WALL)-NORTH

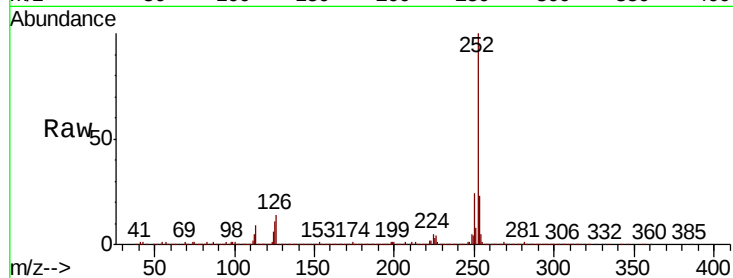
Tot Ion:252 Resp: 1387039

Ion Ratio Lower Upper

252 100

253 23.4 18.1 27.1

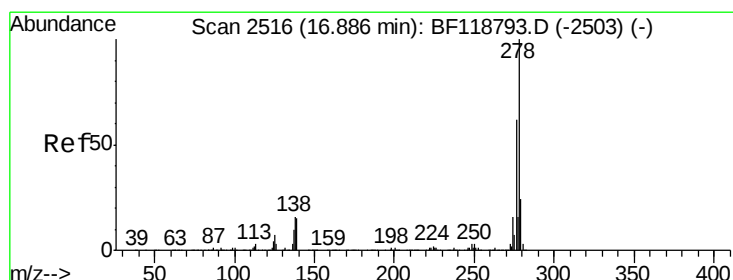
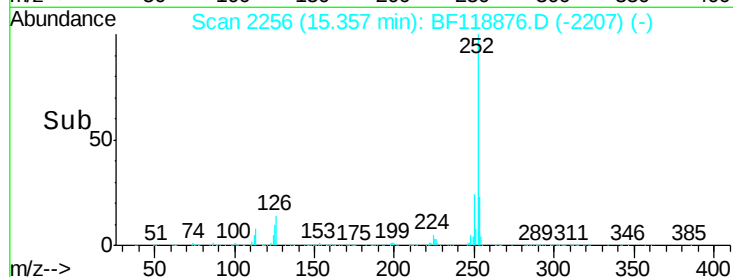
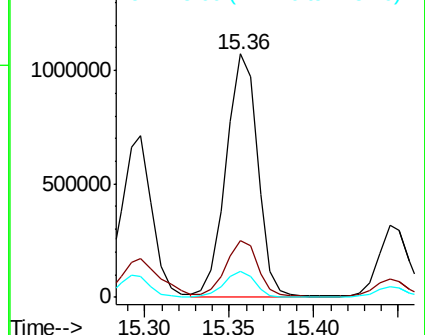
125 10.7 8.7 13.1



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: 6.259 ng

RT: 16.86 min Scan# 2512

Delta R.T. -0.02 min

Lab File: BF118876.D

Acq: 10 Feb 2020 18:44

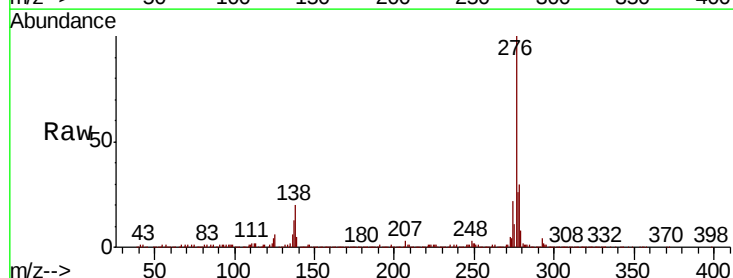
Tgt Ion:278 Resp: 255318

Ion Ratio Lower Upper

278 100

139 17.4 12.3 18.5

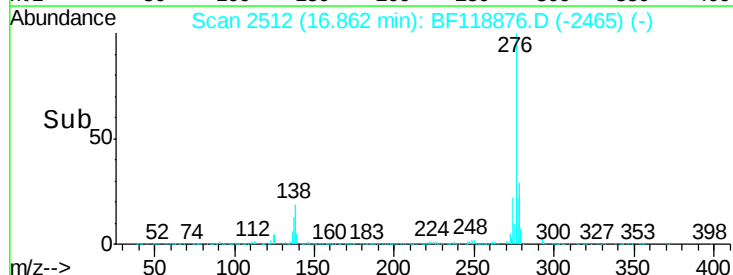
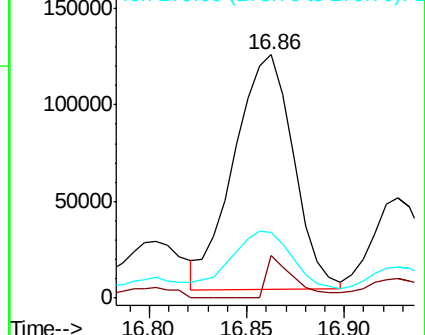
279 27.1 19.1 28.7

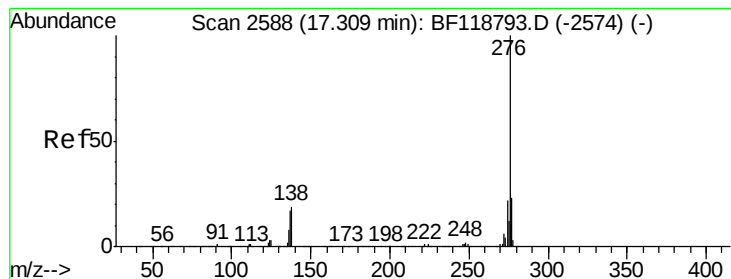


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 21.903 ng

RT: 17.29 min Scan# 2585

Delta R.T. -0.02 min

Lab File: BF118876.D

Acq: 10 Feb 2020 18:44

Instrument :

BNA_F

ClientSampleId :

PE-6-(SIDE-WALL)-NORTH

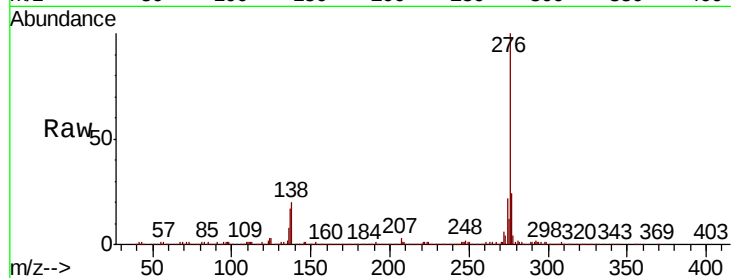
Tot Ion:276 Resp: 859213

Ion Ratio Lower Upper

276 100

277 24.3 18.7 28.1

138 20.2 15.4 23.2



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

