

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120051.D
 Acq On : 17 Apr 2020 11:39
 Operator : MA/SJ
 Sample : L2245-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-22

Quant Time: Apr 17 12:41:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	180662	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	706242	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	351353	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	605302	20.00	ng	0.00
76) Chrysene-d12	13.90	240	328770	20.00	ng	0.00
87) Perylene-d12	15.33	264	291846	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	879901	84.17	ng	0.00
7) Phenol-d6	6.36	99	1121912	83.29	ng	0.00
23) Nitrobenzene-d5	7.29	82	745419	54.60	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	289411	67.28	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1449283	58.56	ng	0.00
79) Terphenyl-d14	12.85	244	1253714	64.17	ng	0.00

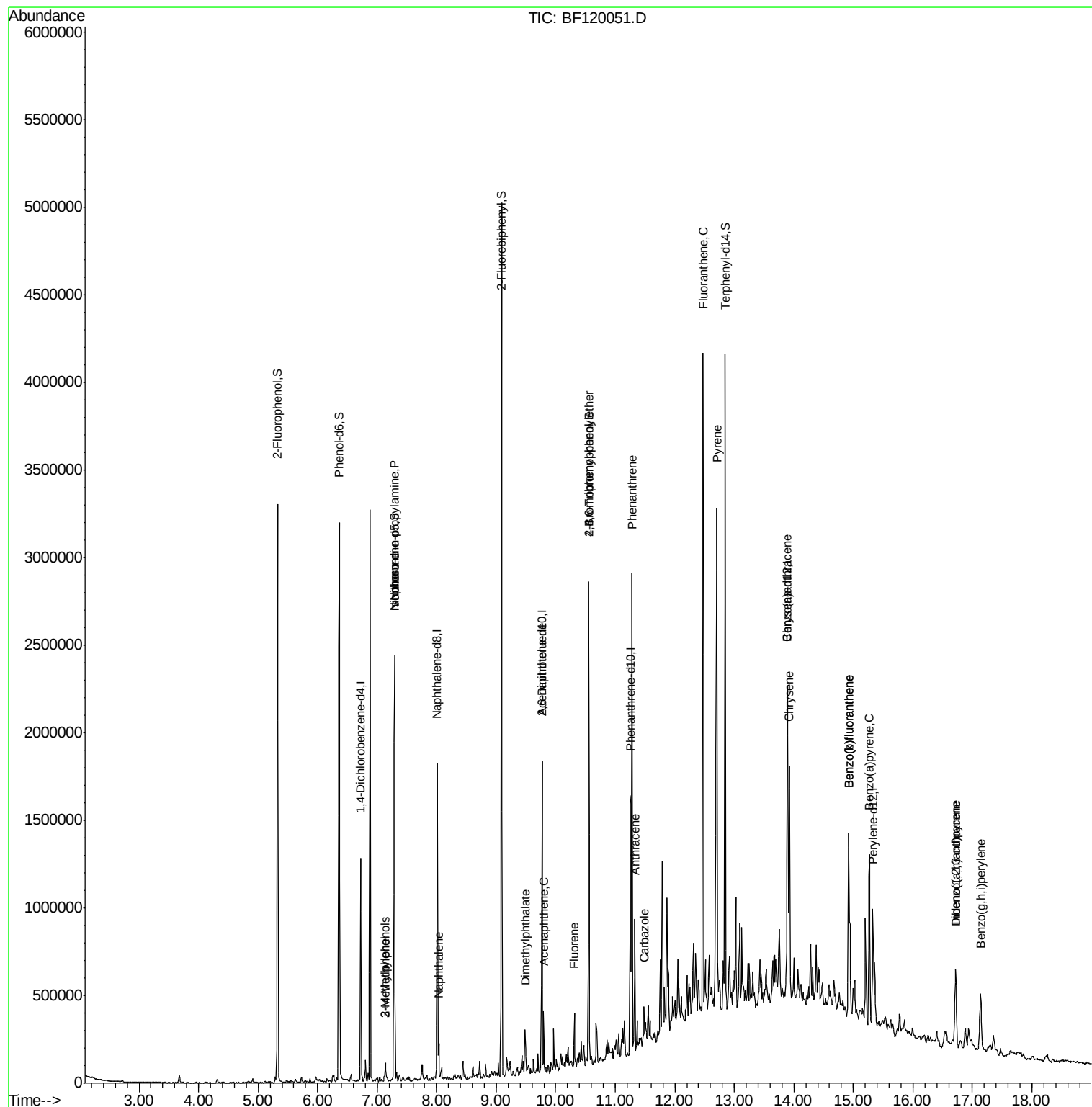
Target Compounds				Qvalue		
9) Benzaldehyde	6.27	77	6952	Below Cal		83
17) 2-Methylphenol	7.14	107	31004	2.974 ng	#	76
19) n-Nitroso-di-n-propylamine	7.29	70	98234	11.341 ng	#	75
20) 3+4-Methylphenols	7.14	107	31004	2.432 ng	#	64
25) Isophorone	7.29	82	729594	27.724 ng	#	65
31) Naphthalene	8.03	128	82799	2.228 ng		98
50) Dimethylphthalate	9.49	163	89082	3.278 ng		100
51) 2,6-Dinitrotoluene	9.77	165	46490	7.812 ng	#	19
52) Acenaphthene	9.80	154	60132	2.595 ng		98
58) Fluorene	10.31	166	74700	2.937 ng	#	98
67) 4-Bromophenyl-phenylether	10.56	248	18118	2.407 ng	#	1
71) Phenanthrene	11.28	178	945246	29.342 ng		99
72) Anthracene	11.33	178	252245	7.665 ng		98
73) Carbazole	11.48	167	80296	2.580 ng		97
75) Fluoranthene	12.47	202	1410958	40.592 ng		99
78) Pyrene	12.70	202	1293367	46.665 ng		99
81) Benzo(a)anthracene	13.89	228	598094	27.653 ng		97
83) Chrysene	13.92	228	540400	24.590 ng		97
86) Indeno(1,2,3-cd)pyrene	16.72	276	294205	15.187 ng		97
88) Benzo(b)fluoranthene	14.92	252	776111	36.967 ng	#	97
89) Benzo(k)fluoranthene	14.92	252	776111	42.845 ng		97
90) Benzo(a)pyrene	15.27	252	439995	24.926 ng		97
91) Dibenzo(a,h)anthracene	16.73	278	83498	5.340 ng	#	92
92) Benzo(g,h,i)perylene	17.14	276	273007	17.688 ng		99

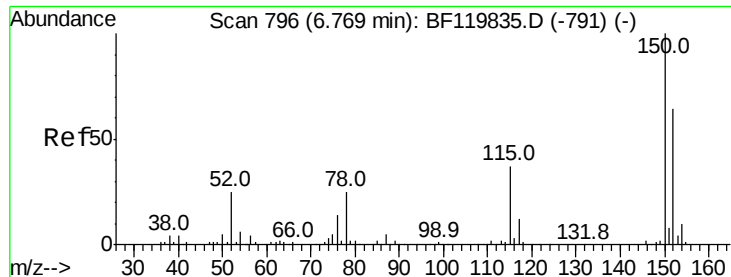
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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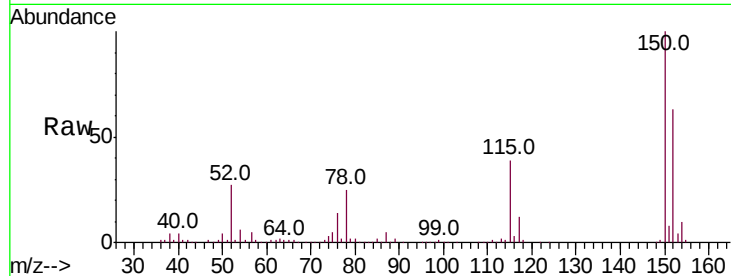


#1

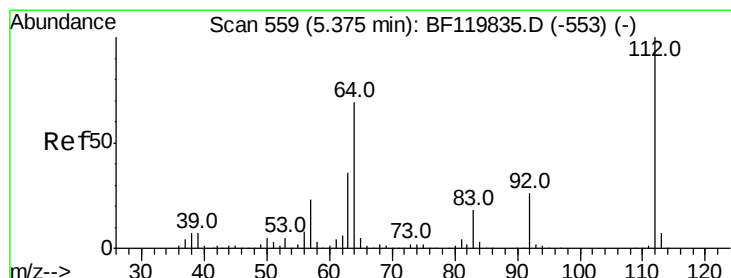
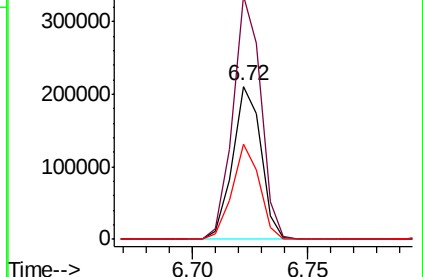
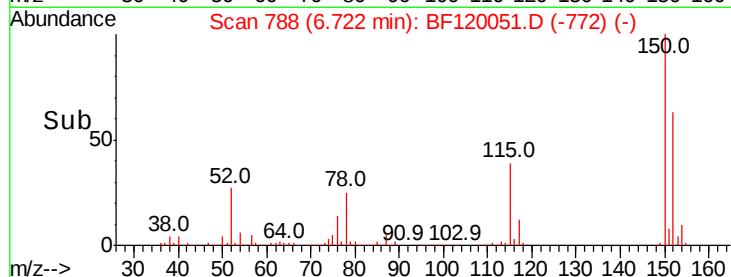
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120051.D
Acq: 17 Apr 2020 11:39

Instrument :
BNA_F
ClientSampled :
TP-22

Tot Ion:152 Resp: 180662
Ion Ratio Lower Upper
152 100
150 159.0 124.8 187.2
115 62.5 46.5 69.7



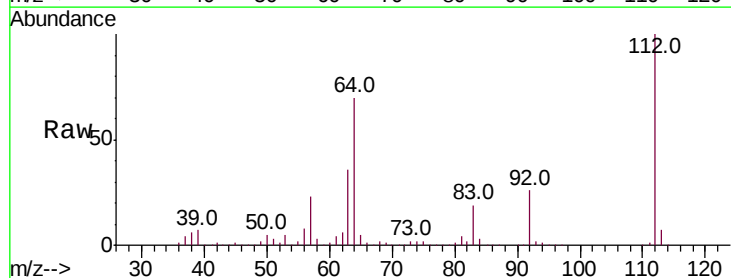
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



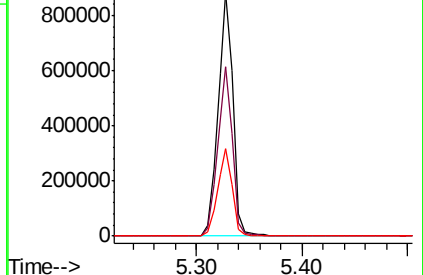
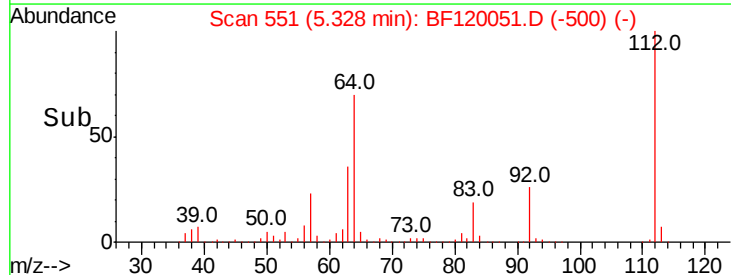
#5

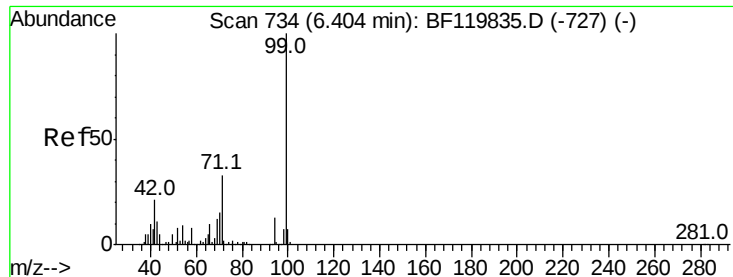
2-Fluorophenol
Concen: 84.170 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF120051.D
Acq: 17 Apr 2020 11:39

Tgt Ion:112 Resp: 879901
Ion Ratio Lower Upper
112 100
64 69.5 55.5 83.3
63 35.8 29.1 43.7



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: 83.288 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120051.D

Acq: 17 Apr 2020 11:39

Instrument :

BNA_F

ClientSampled :

TP-22

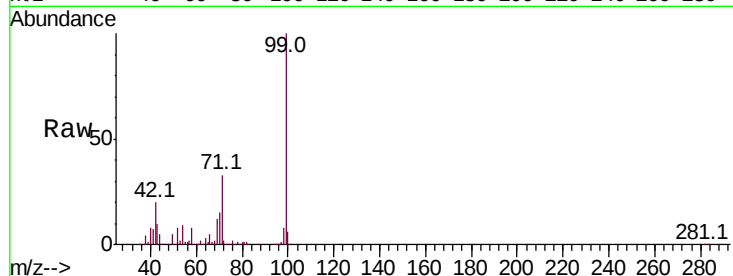
Tot Ion: 99 Resp: 1121912

Ion Ratio Lower Upper

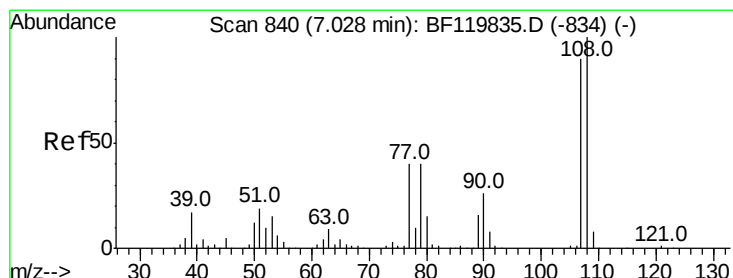
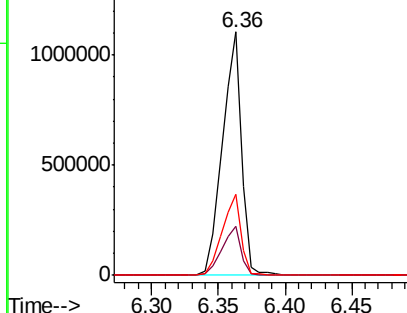
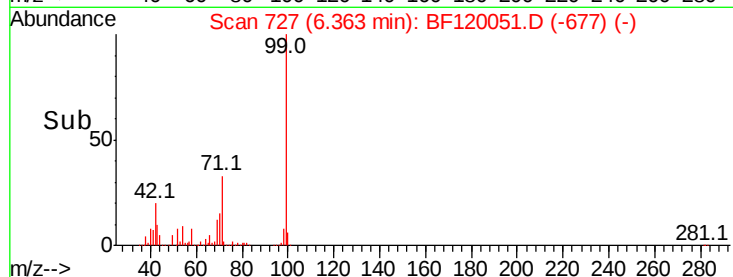
99 100

42 20.1 16.9 25.3

71 33.1 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#17

2-Methylphenol

Concen: 2.974 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.15 min

Lab File: BF120051.D

Acq: 17 Apr 2020 11:39

Tgt Ion: 107 Resp: 31004

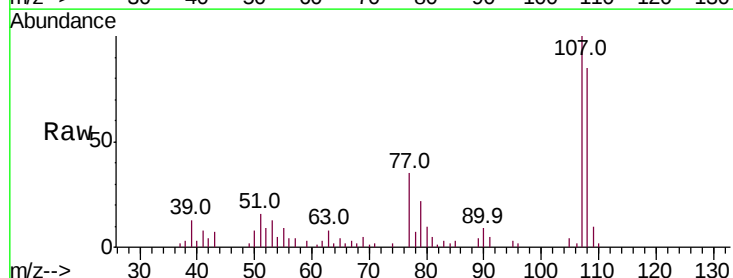
Ion Ratio Lower Upper

107 100

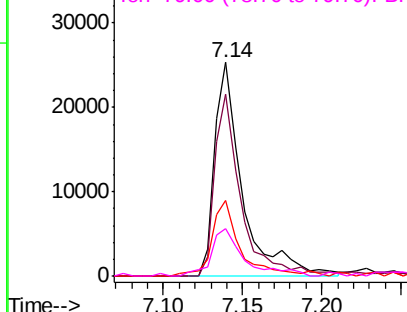
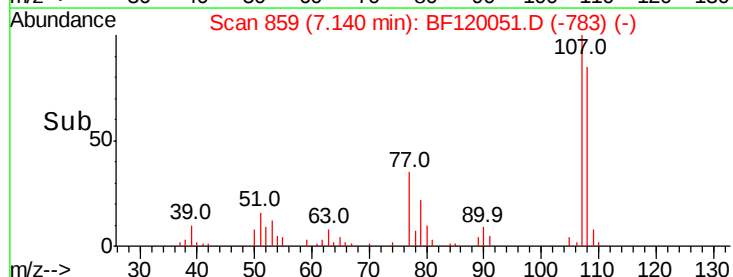
108 85.0 88.8 133.2#

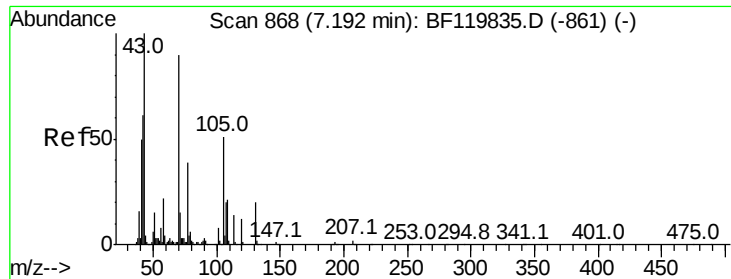
77 35.3 36.0 54.0#

79 22.5 35.7 53.5#



Abundance Ion 107.00 (106.70 to 107.70): E
40000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

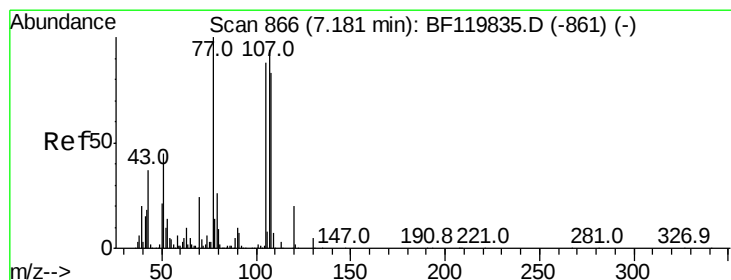
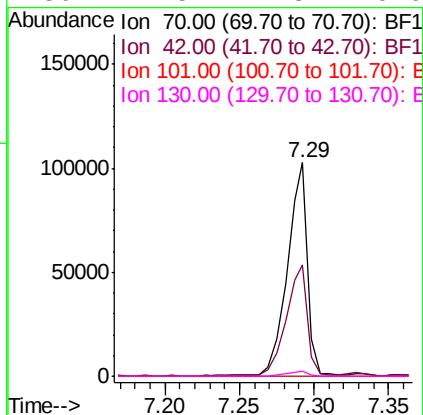
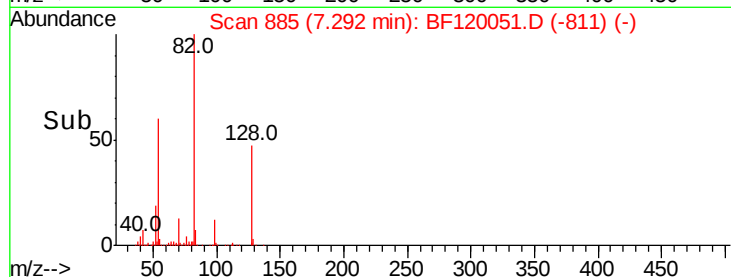
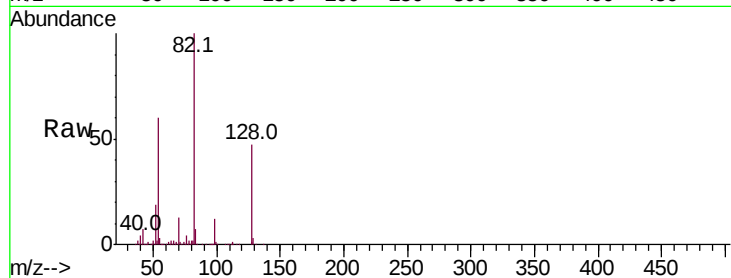




#19
n-Nitroso-di-n-propylamine
Concen: 11.341 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF120051.D
Acq: 17 Apr 2020 11:39

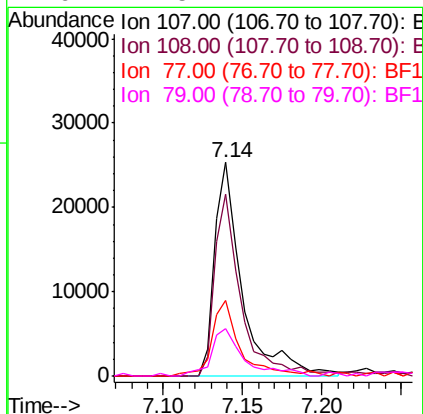
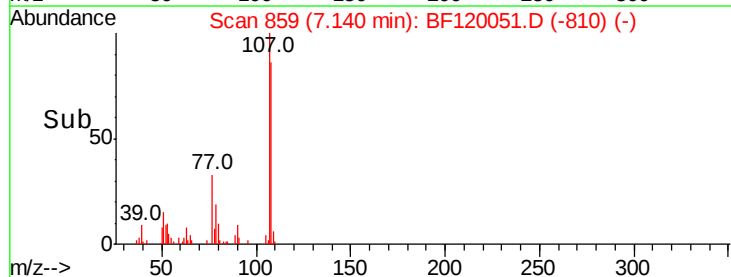
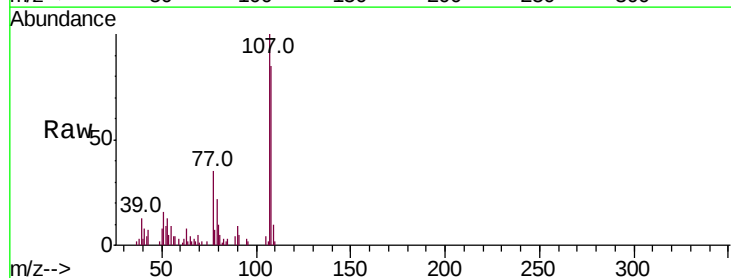
Instrument :
BNA_F
ClientSampleId :
TP-22

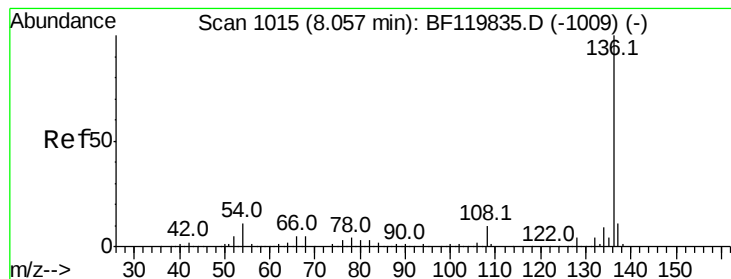
Tot Ion: 70 Resp: 98234
Ion Ratio Lower Upper
70 100
42 52.2 54.2 81.4#
101 0.0 7.4 11.2#
130 2.5 17.8 26.6#



#20
3+4-Methylphenols
Concen: 2.432 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF120051.D
Acq: 17 Apr 2020 11:39

Tgt Ion: 107 Resp: 31004
Ion Ratio Lower Upper
107 100
108 85.0 68.2 108.2
77 35.3 86.6 126.6#
79 22.5 7.7 47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF120051.D

Acq: 17 Apr 2020 11:39

Instrument :

BNA_F

ClientSampled :

TP-22

Tot Ion:136 Resp: 706242

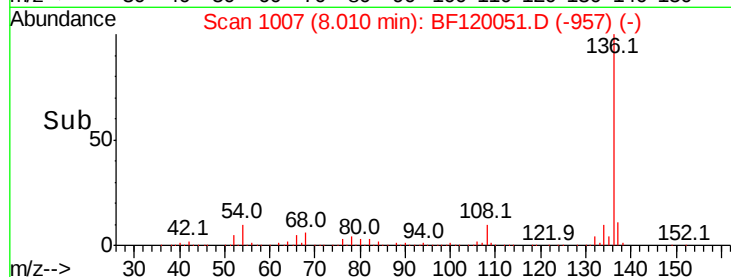
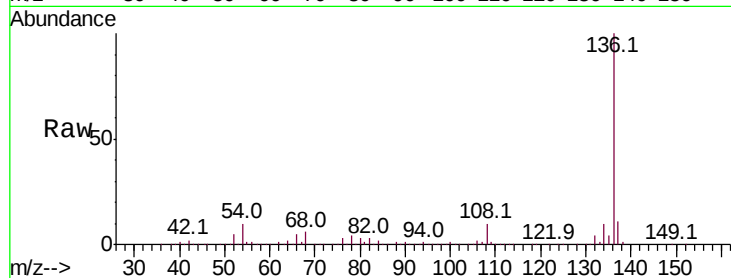
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.9 8.5 12.7

68 5.5 3.9 5.9

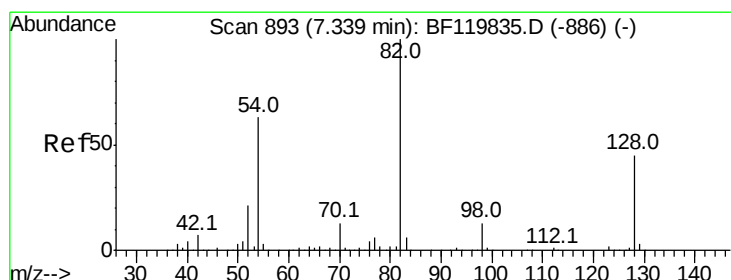
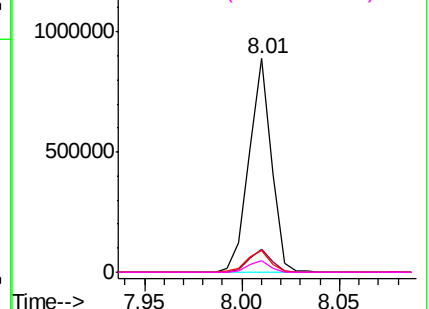


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 54.603 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF120051.D

Acq: 17 Apr 2020 11:39

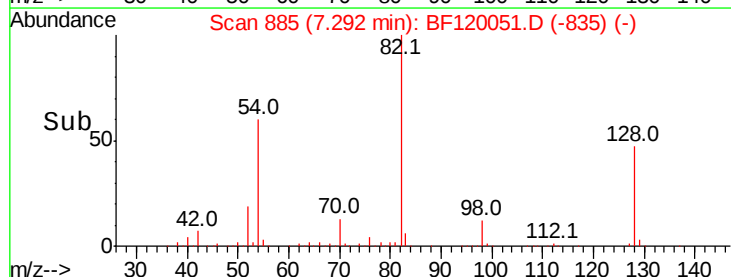
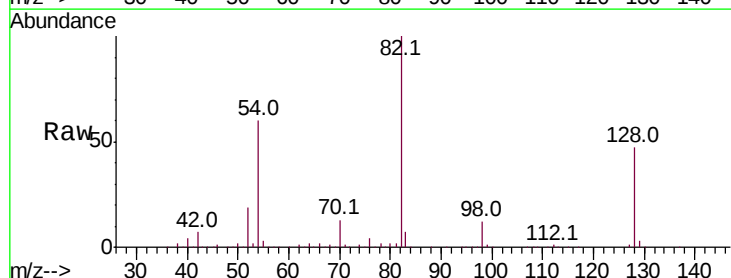
Tgt Ion: 82 Resp: 745419

Ion Ratio Lower Upper

82 100

128 47.1 36.2 54.4

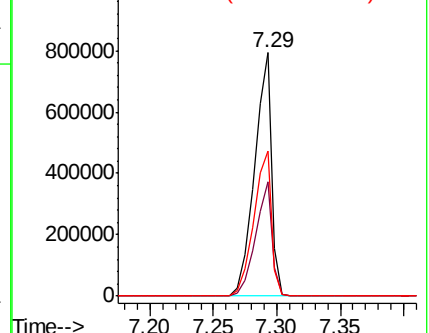
54 59.8 50.4 75.6

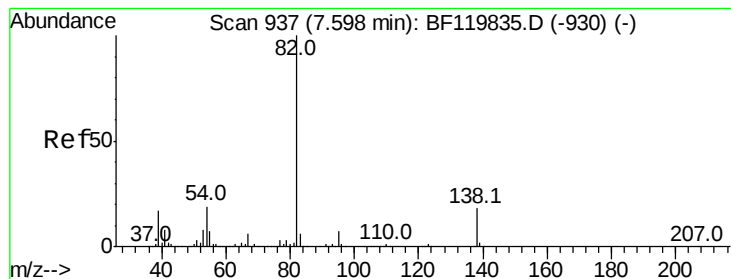


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 27.724 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF120051.D

Acq: 17 Apr 2020 11:39

Instrument :

BNA_F

ClientSampleId :

TP-22

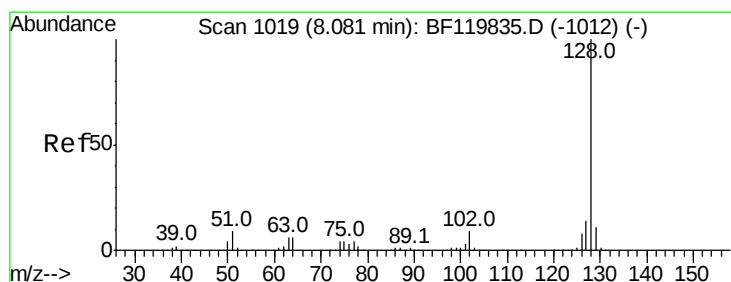
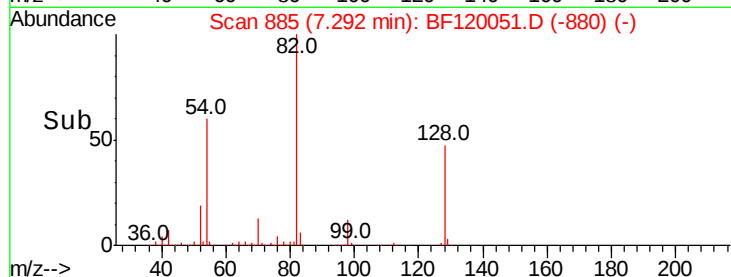
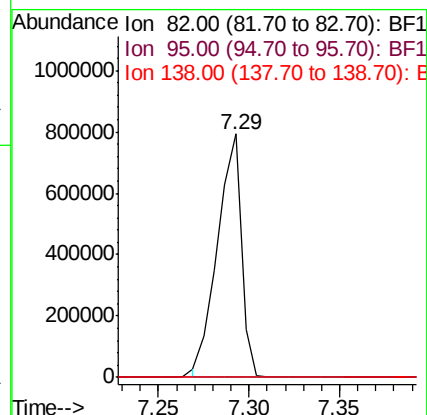
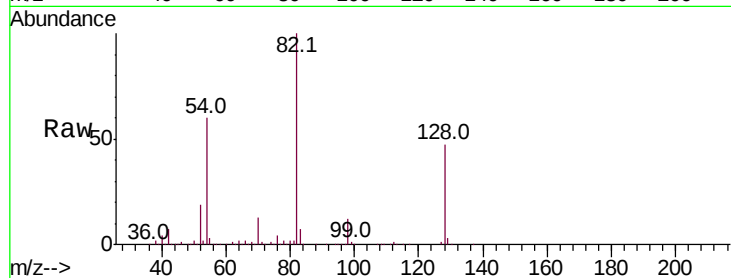
Tot Ion: 82 Resp: 729594

Ion Ratio Lower Upper

82 100

95 0.1 5.8 8.6#

138 0.0 14.5 21.7#



#31

Naphthalene

Concen: 2.228 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF120051.D

Acq: 17 Apr 2020 11:39

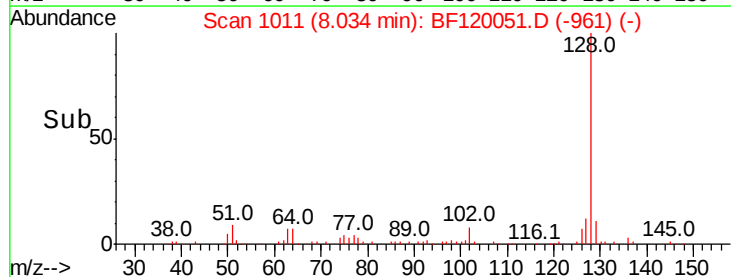
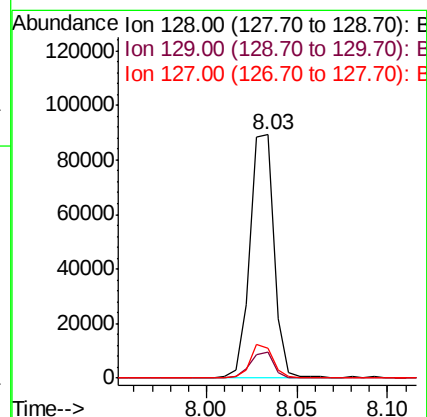
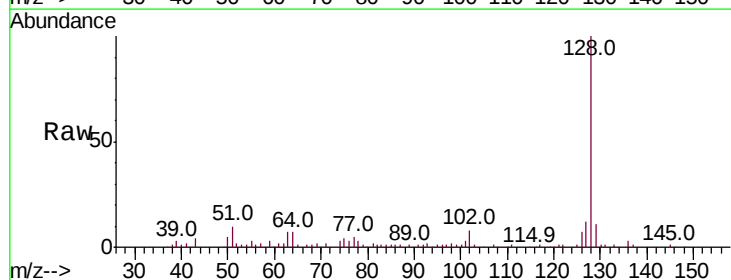
Tgt Ion: 128 Resp: 82799

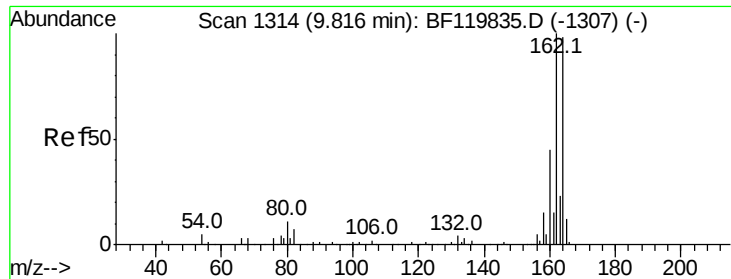
Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

127 12.4 11.0 16.4

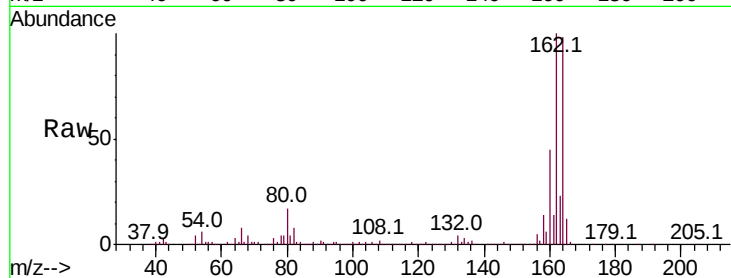




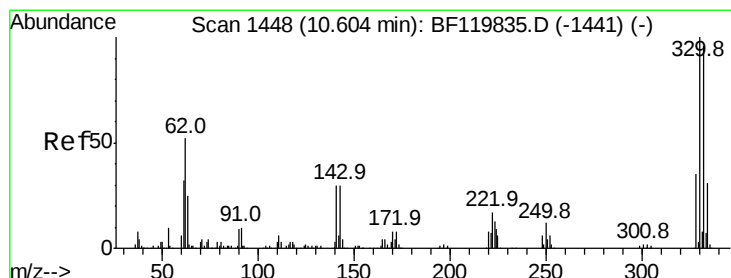
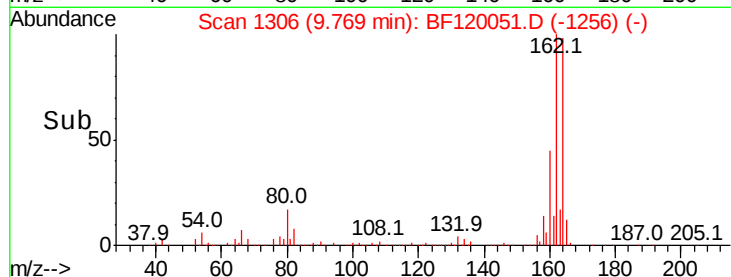
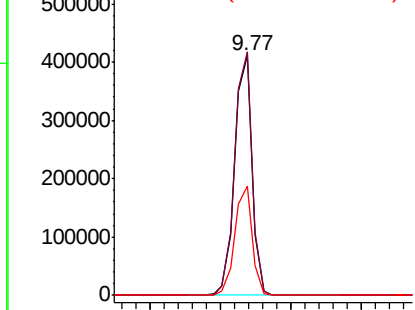
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF120051.D
Acq: 17 Apr 2020 11:39

Instrument :
BNA_F
ClientSampled :
TP-22

Tot Ion:164 Resp: 351353
Ion Ratio Lower Upper
164 100
162 101.6 81.9 122.9
160 45.7 36.6 54.8

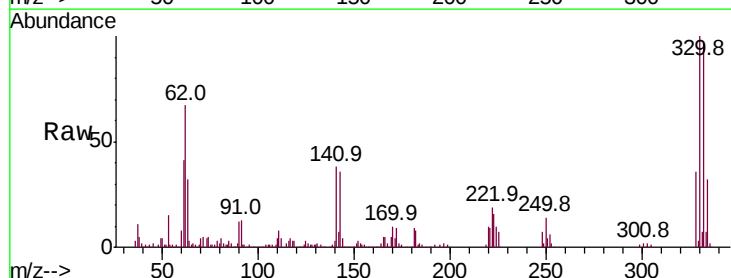


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

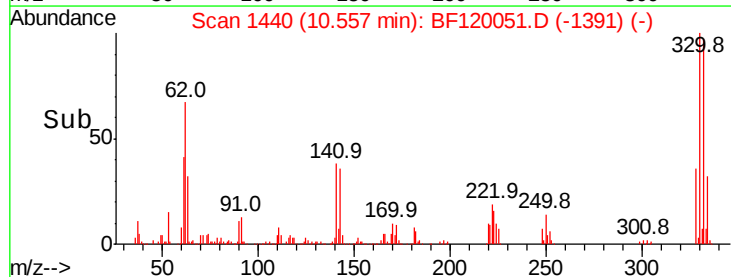
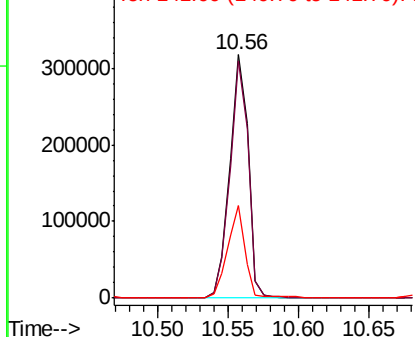


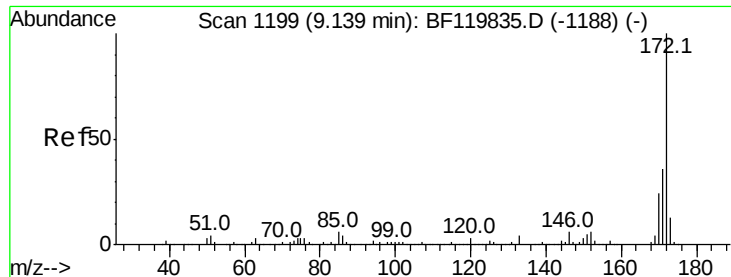
#42
2,4,6-Tribromophenol
Concen: 67.277 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF120051.D
Acq: 17 Apr 2020 11:39

Tgt Ion:330 Resp: 289411
Ion Ratio Lower Upper
330 100
332 97.2 76.8 115.2
141 35.1 25.1 37.7



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

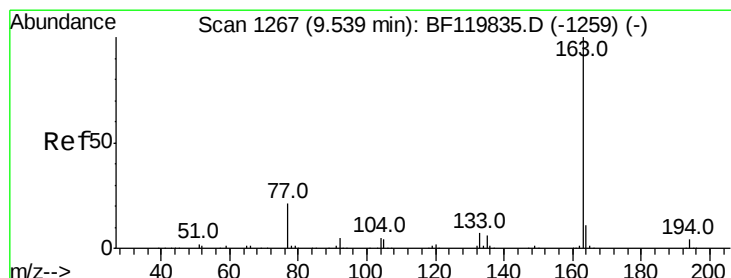
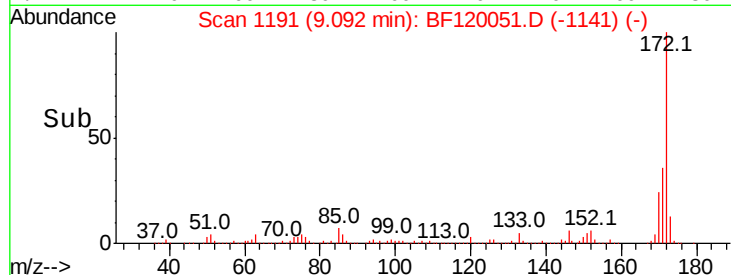
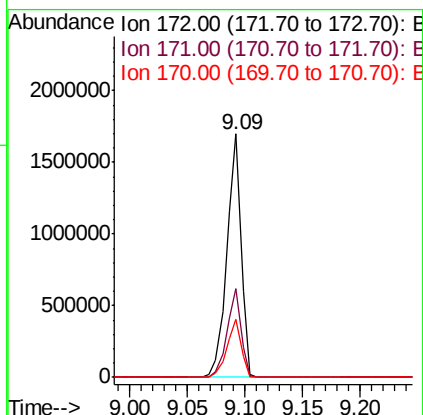
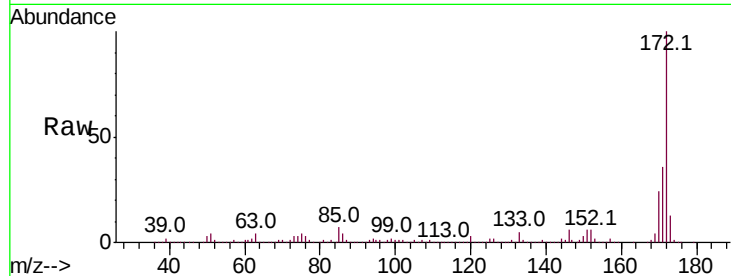




#45
2-Fluorobiphenyl
Concen: 58.564 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF120051.D
Acq: 17 Apr 2020 11:39

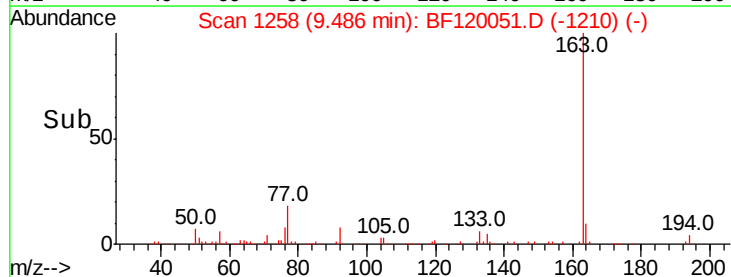
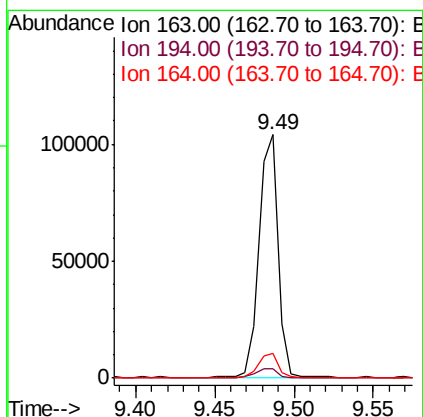
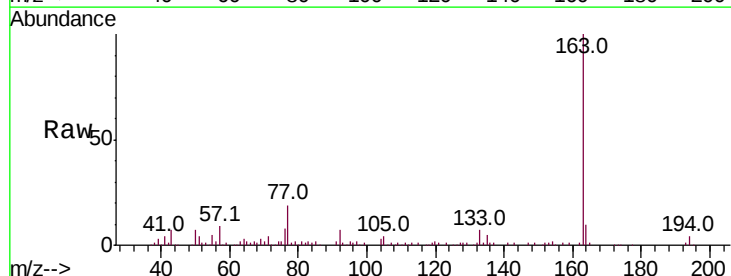
Instrument :
BNA_F
ClientSampleId :
TP-22

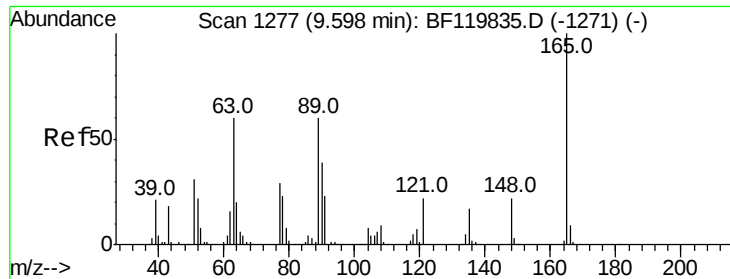
Tot Ion:172 Resp: 1449283
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 24.0 19.4 29.2



#50
Dimethylphthalate
Concen: 3.278 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BF120051.D
Acq: 17 Apr 2020 11:39

Tgt Ion:163 Resp: 89082
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.4 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 7.812 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.20 min

Lab File: BF120051.D

Acq: 17 Apr 2020 11:39

Instrument :

BNA_F

ClientSampleId :

TP-22

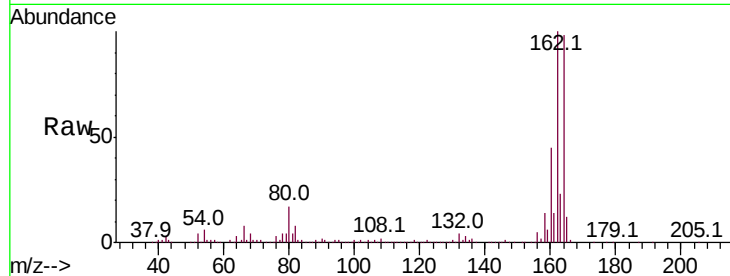
Tot Ion:165 Resp: 46490

Ion Ratio Lower Upper

165 100

63 1.2 55.6 83.4#

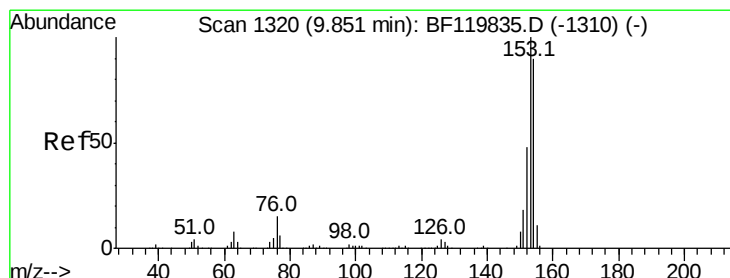
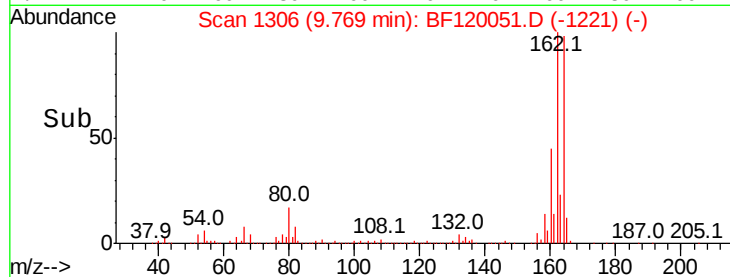
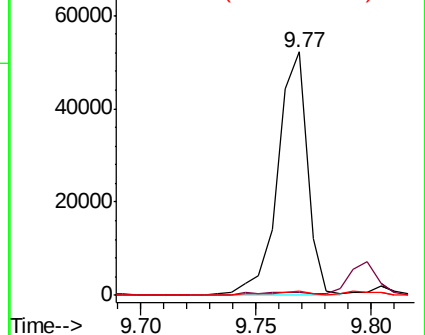
89 1.6 47.9 71.9#



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: 2.595 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF120051.D

Acq: 17 Apr 2020 11:39

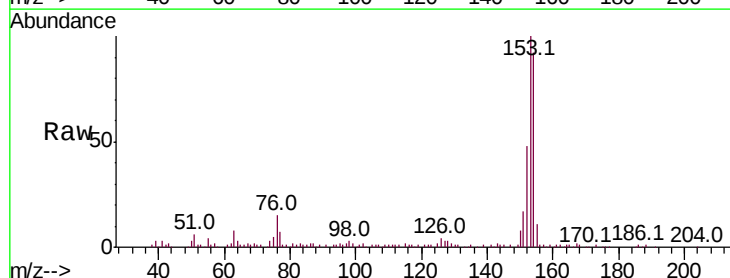
Tgt Ion:154 Resp: 60132

Ion Ratio Lower Upper

154 100

153 108.3 88.8 133.2

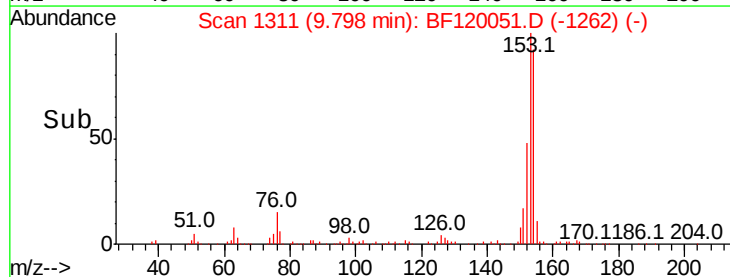
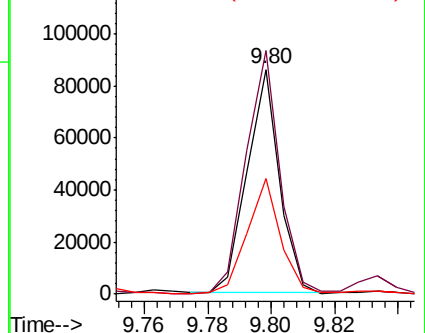
152 51.5 42.4 63.6

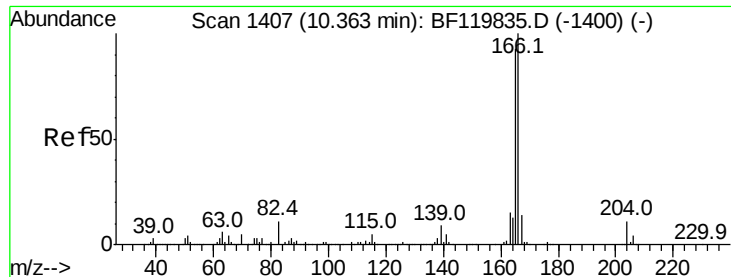


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#58

Fluorene

Concen: 2.937 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF120051.D

Acq: 17 Apr 2020 11:39

Instrument :

BNA_F

ClientSampleId :

TP-22

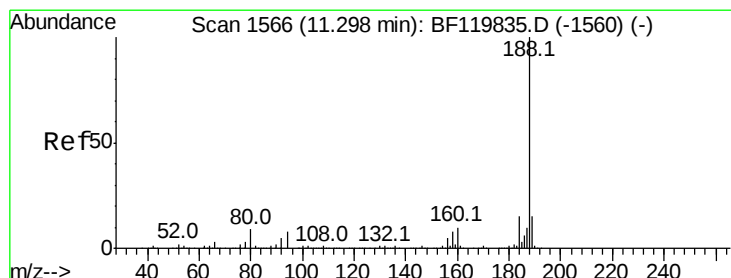
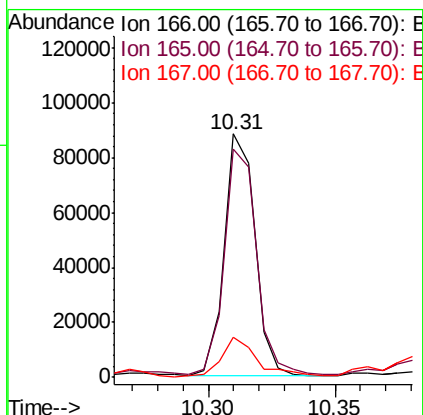
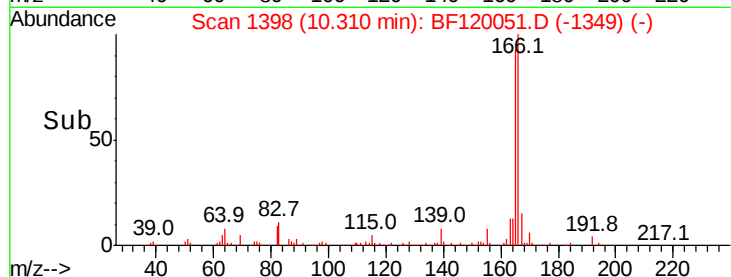
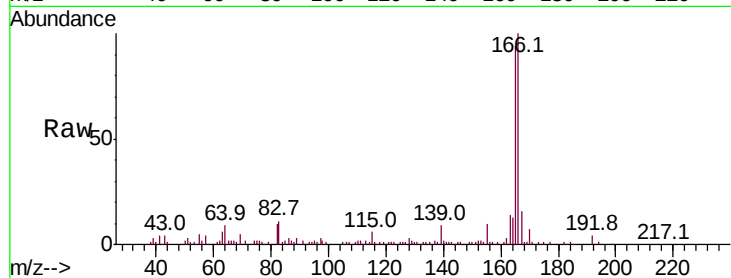
Tot Ion:166 Resp: 74700

Ion Ratio Lower Upper

166 100

165 93.8 74.2 111.2

167 16.3 10.8 16.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF120051.D

Acq: 17 Apr 2020 11:39

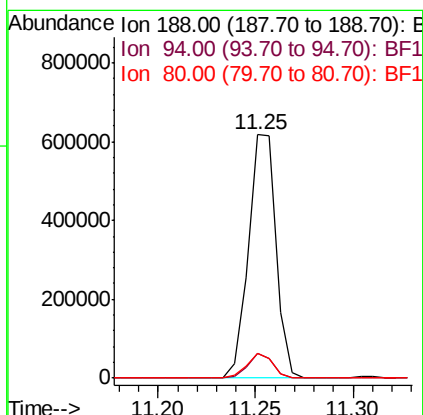
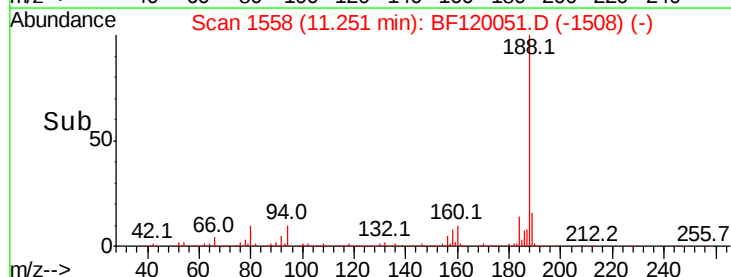
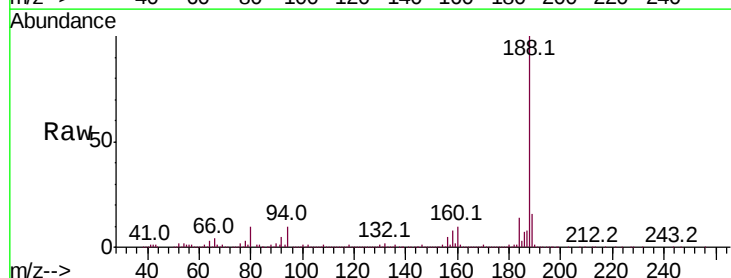
Tgt Ion:188 Resp: 605302

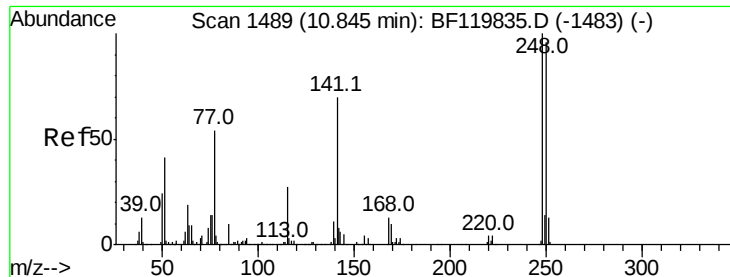
Ion Ratio Lower Upper

188 100

94 10.3 6.7 10.1#

80 10.4 7.4 11.2

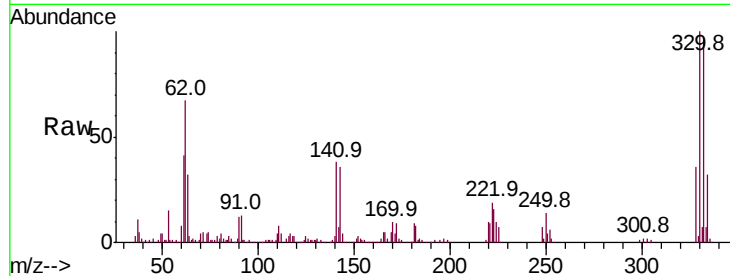




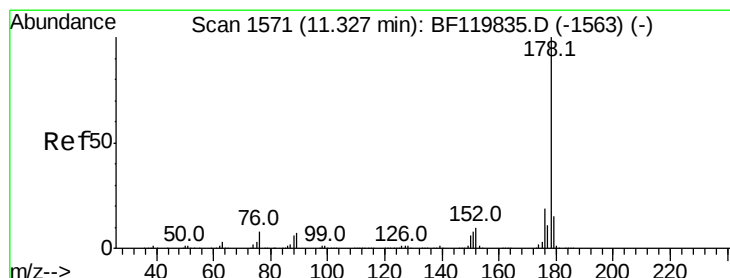
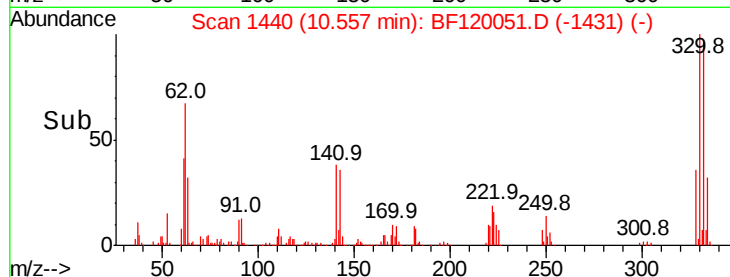
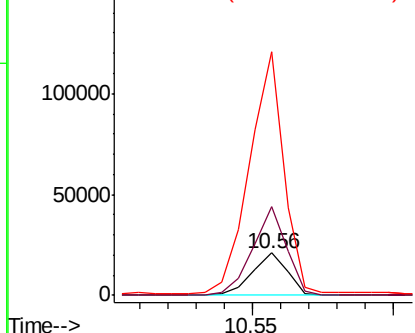
#67
 4-Bromophenyl-phenylether
 Concen: 2.407 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF120051.D
 Acq: 17 Apr 2020 11:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-22

Tot Ion:248 Resp: 18118
 Ion Ratio Lower Upper
 248 100
 250 207.8 76.6 114.8#
 141 572.8 55.9 83.9#

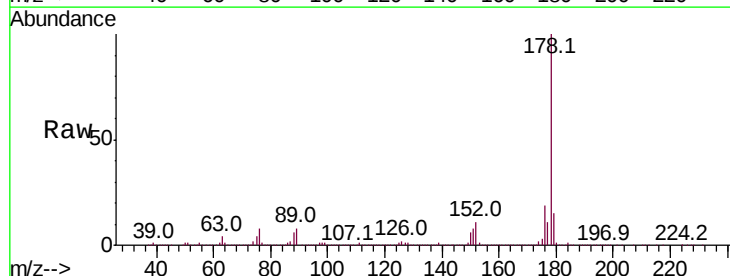


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

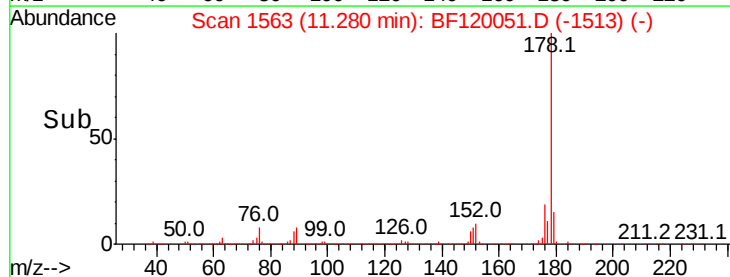
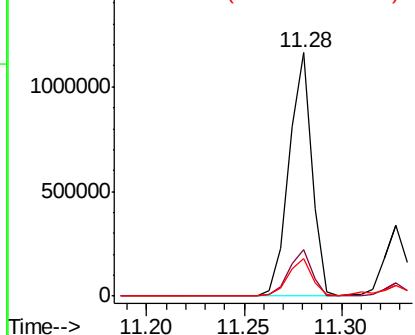


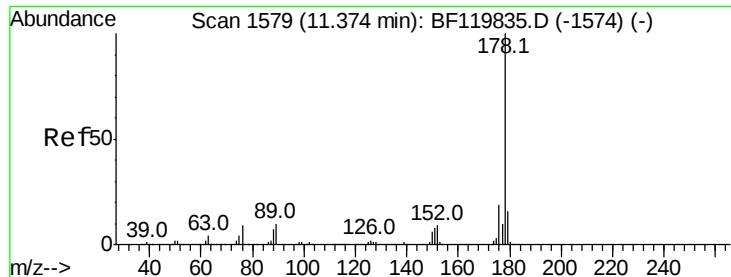
#71
 Phenanthrene
 Concen: 29.342 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF120051.D
 Acq: 17 Apr 2020 11:39

Tgt Ion:178 Resp: 945246
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.1 22.7
 179 15.4 12.2 18.4



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





#72

Anthracene

Concen: 7.665 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF120051.D

Acq: 17 Apr 2020 11:39

Instrument :

BNA_F

ClientSampleId :

TP-22

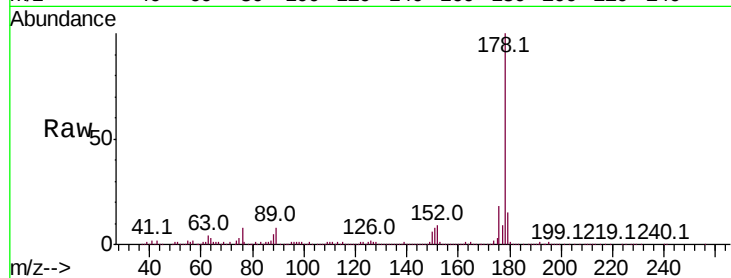
Tot Ion:178 Resp: 252245

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

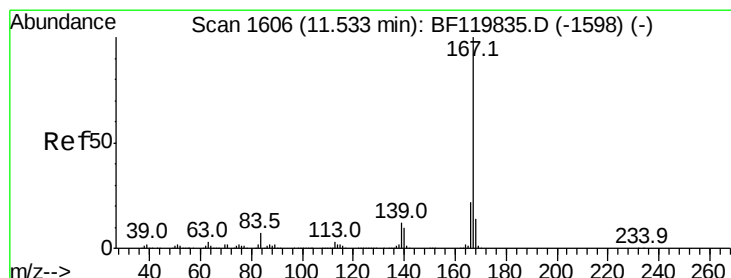
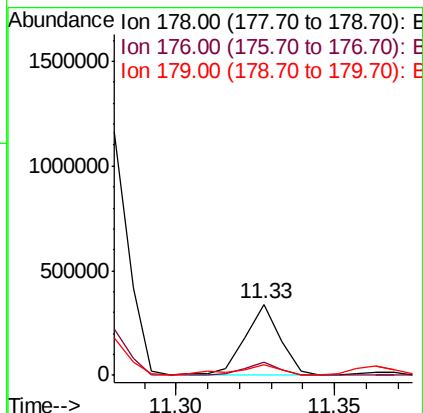
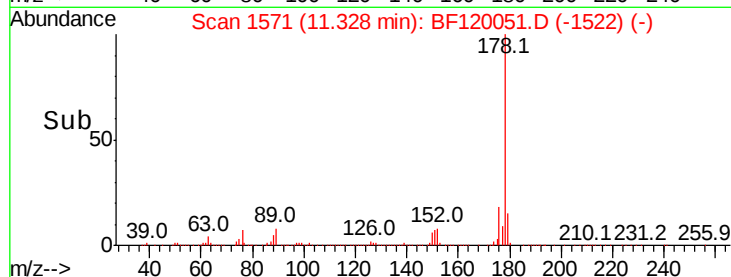
179 15.2 12.8 19.2



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



#73

Carbazole

Concen: 2.580 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF120051.D

Acq: 17 Apr 2020 11:39

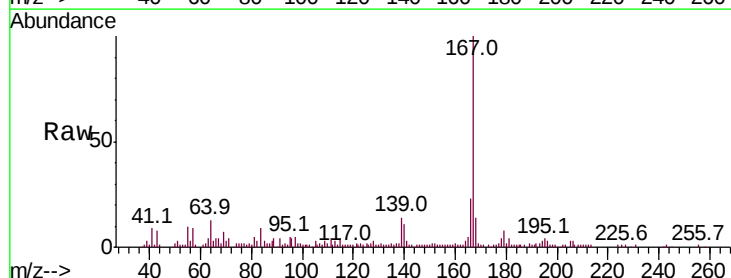
Tgt Ion:167 Resp: 80296

Ion Ratio Lower Upper

167 100

166 22.8 17.4 26.0

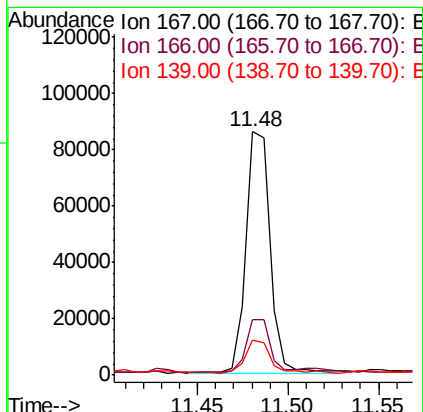
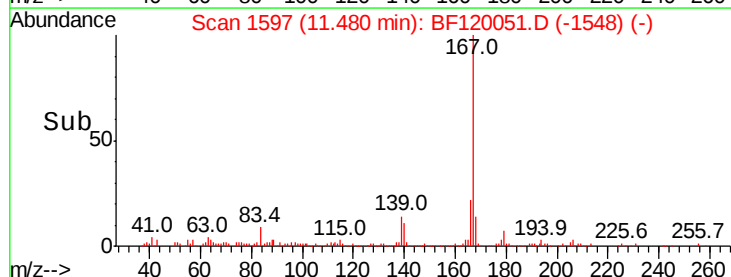
139 14.3 9.8 14.8

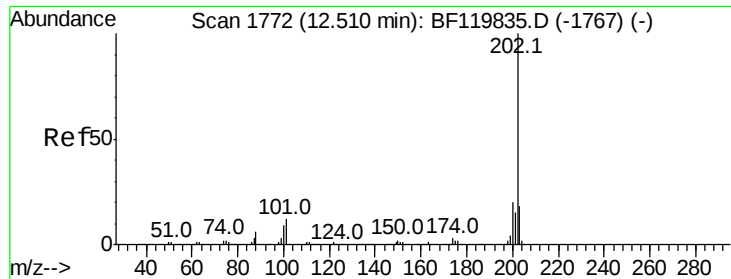


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 40.592 ng

RT: 12.47 min Scan# 1766

Delta R.T. 0.00 min

Lab File: BF120051.D

Acq: 17 Apr 2020 11:39

Instrument :

BNA_F

ClientSampleId :

TP-22

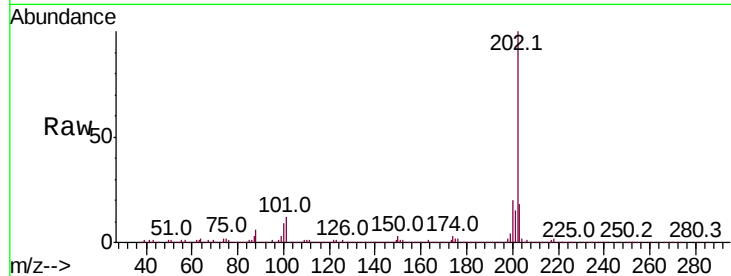
Tot Ion:202 Resp: 1410958

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.3

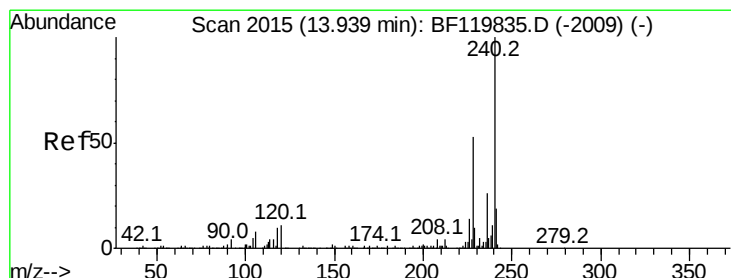
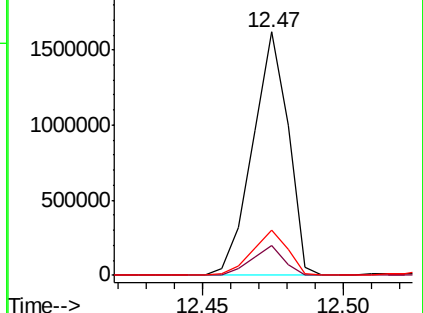
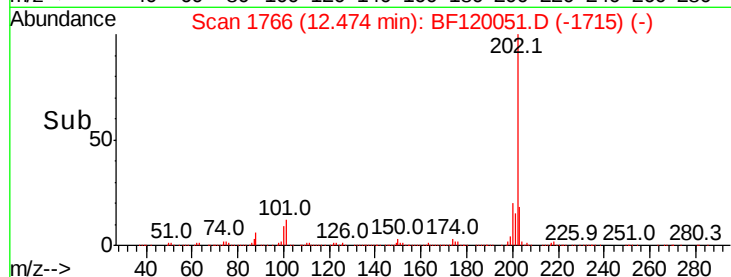
203 18.5 0.0 37.6



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: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF120051.D

Acq: 17 Apr 2020 11:39

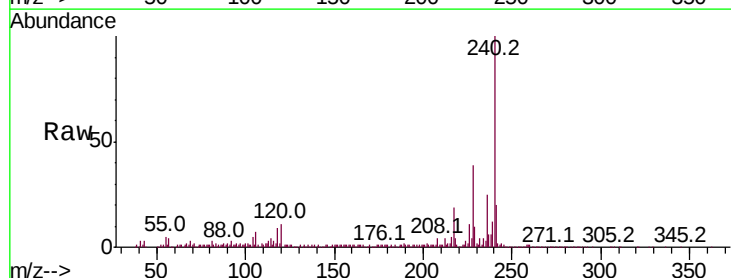
Tgt Ion:240 Resp: 328770

Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.6

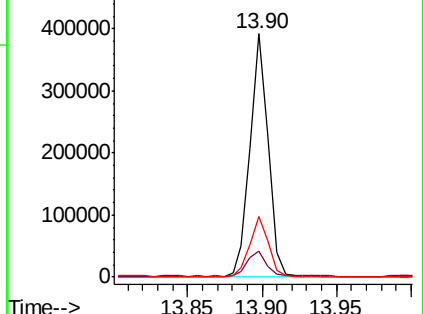
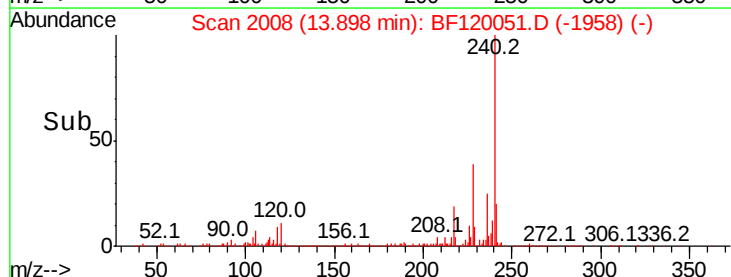
236 25.0 20.7 31.1

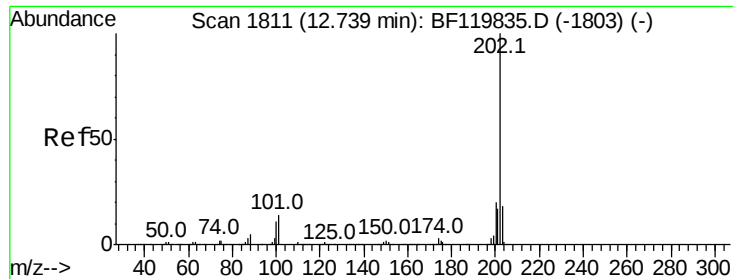


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

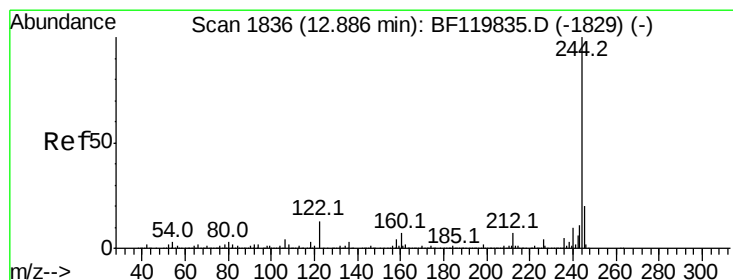
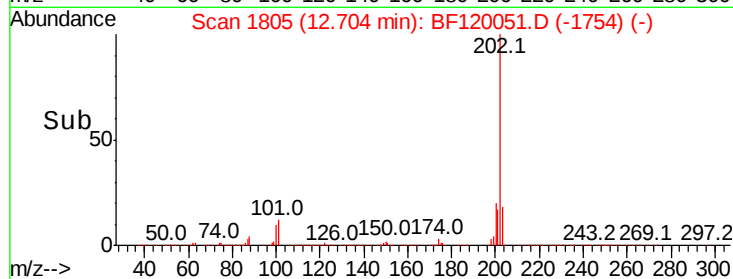
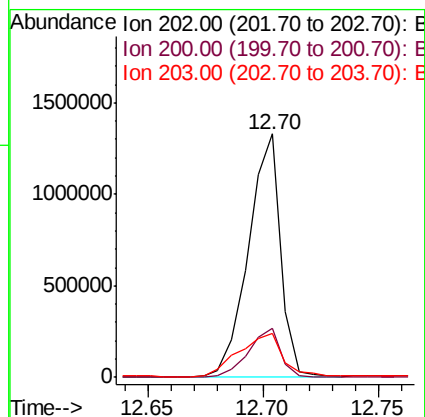
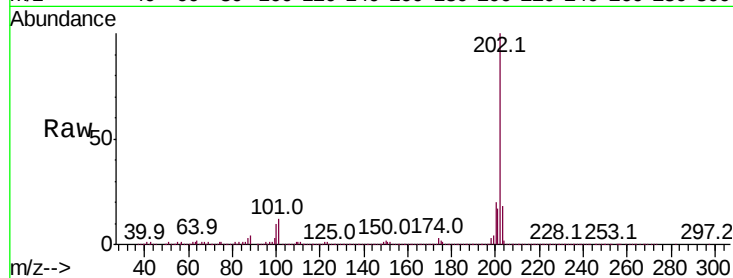




#78
Pvrene
Concen: 46.665 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF120051.D
Acq: 17 Apr 2020 11:39

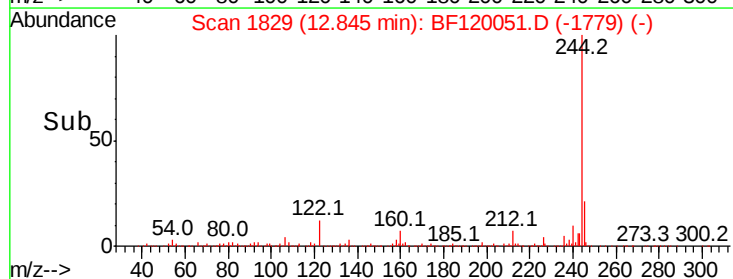
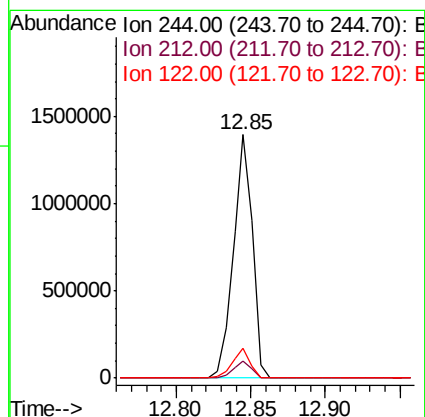
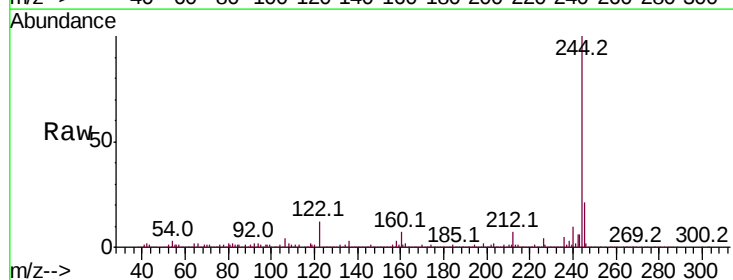
Instrument :
BNA_F
ClientSampleId :
TP-22

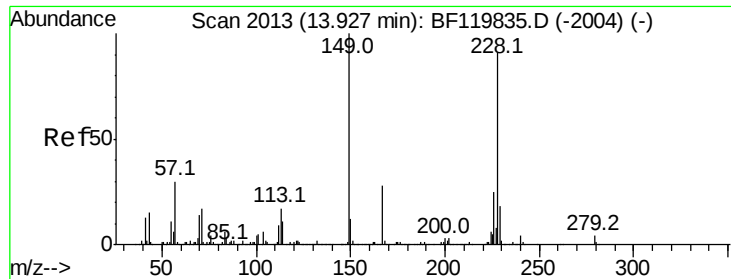
Tot Ion:202 Resp: 1293367
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 18.1 14.1 21.1



#79
Terphenyl-d14
Concen: 64.165 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF120051.D
Acq: 17 Apr 2020 11:39

Tgt Ion:244 Resp: 1253714
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 12.4 10.3 15.5

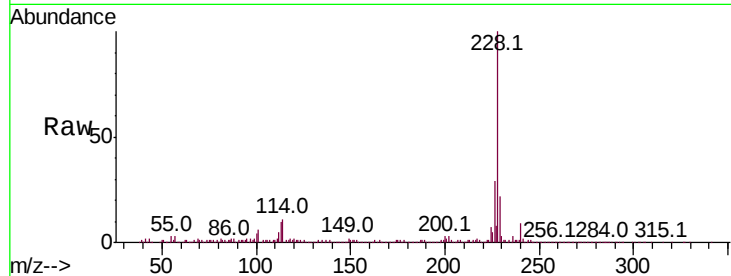




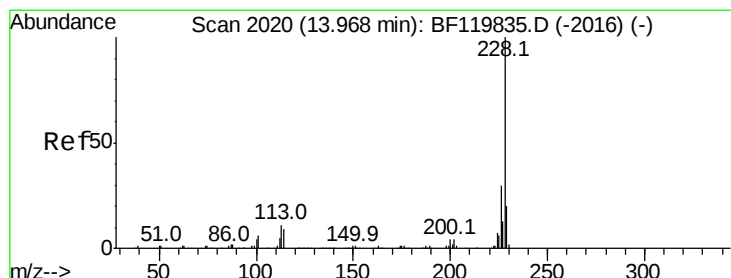
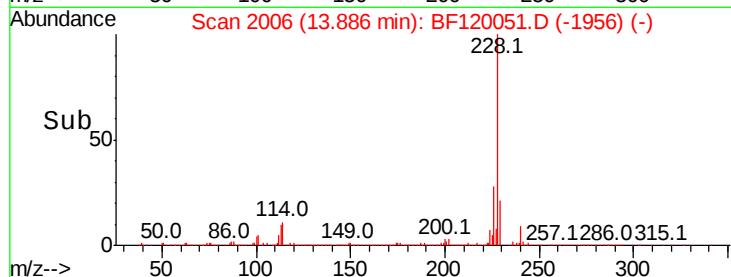
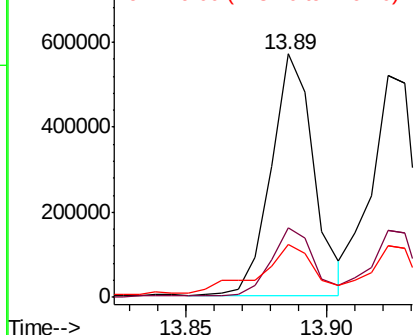
#81
Benzo(a)anthracene
Concen: 27.653 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF120051.D
Acq: 17 Apr 2020 11:39

Instrument :
BNA_F
ClientSampleId :
TP-22

Tot Ion:228 Resp: 598094
Ion Ratio Lower Upper
228 100
226 28.7 21.9 32.9
229 21.9 15.9 23.9

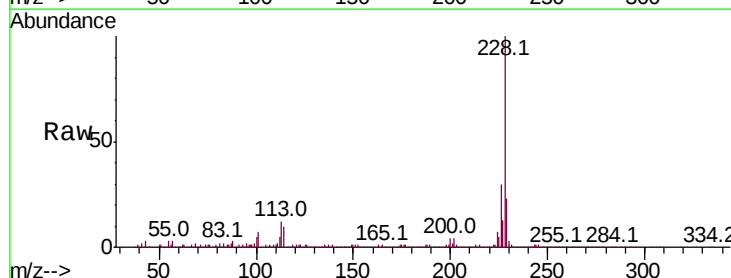


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

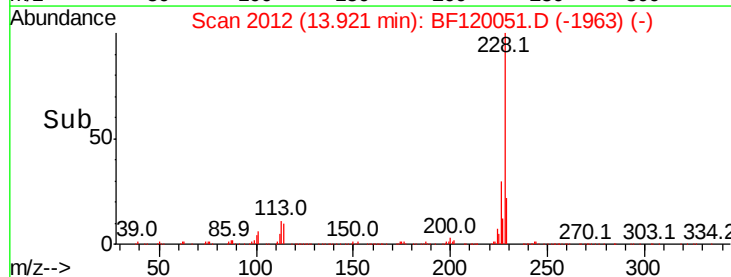
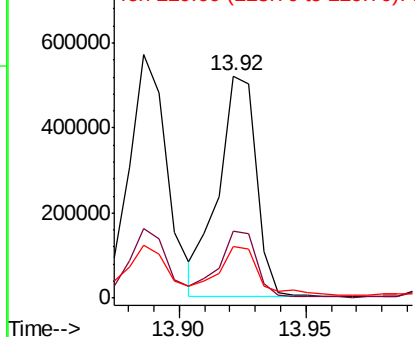


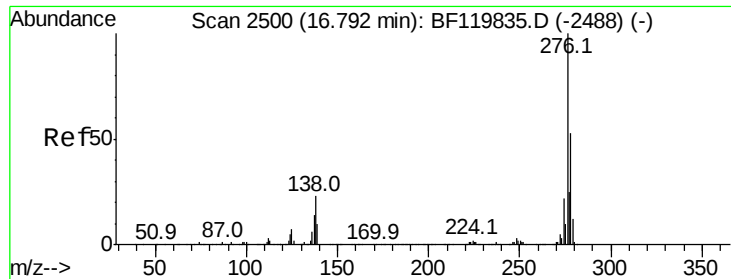
#83
Chrysene
Concen: 24.590 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF120051.D
Acq: 17 Apr 2020 11:39

Tgt Ion:228 Resp: 540400
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 23.0 15.9 23.9



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: 15.187 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BF120051.D

Acq: 17 Apr 2020 11:39

Instrument :

BNA_F

ClientSampleId :

TP-22

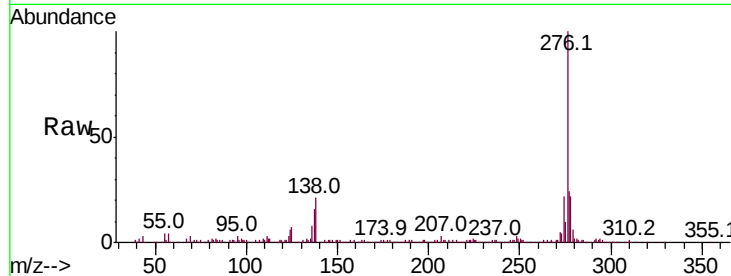
Tot Ion:276 Resp: 294205

Ion Ratio Lower Upper

276 100

138 20.1 18.0 27.0

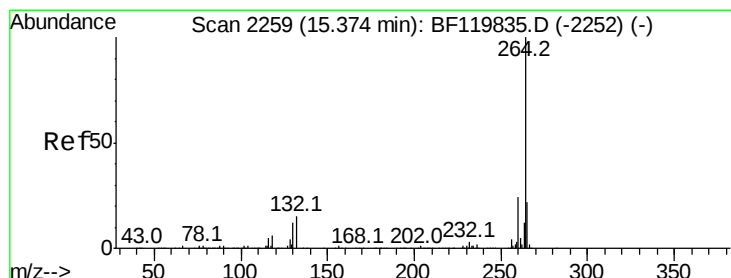
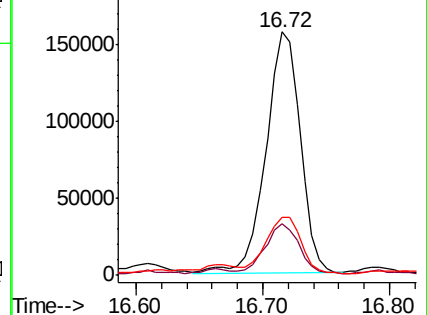
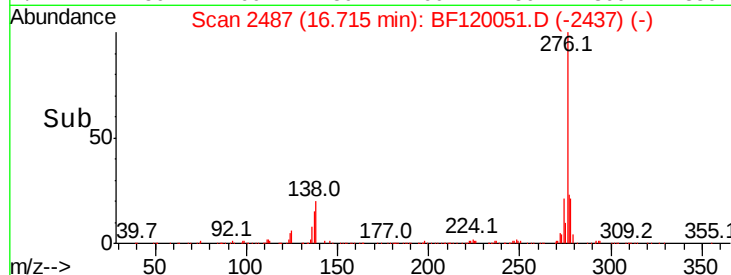
277 24.5 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BF120051.D

Acq: 17 Apr 2020 11:39

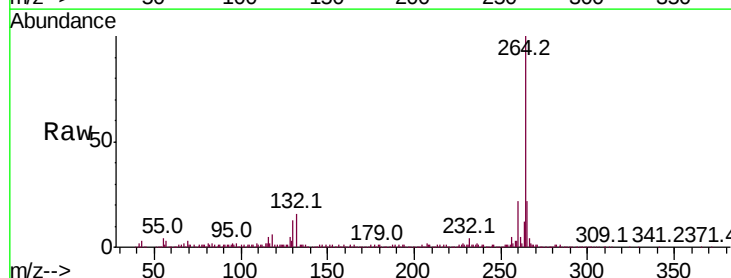
Tgt Ion:264 Resp: 291846

Ion Ratio Lower Upper

264 100

260 21.9 19.3 28.9

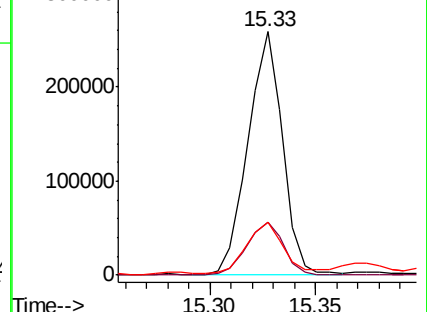
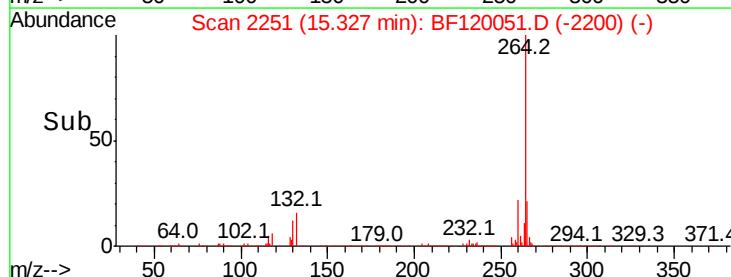
265 21.5 17.6 26.4

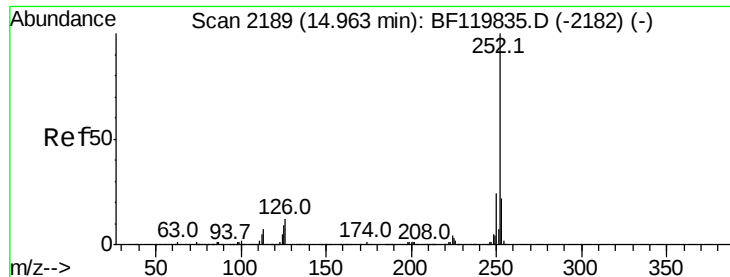


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 36.967 ng

RT: 14.92 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BF120051.D

Acq: 17 Apr 2020 11:39

Instrument :

BNA_F

ClientSampleId :

TP-22

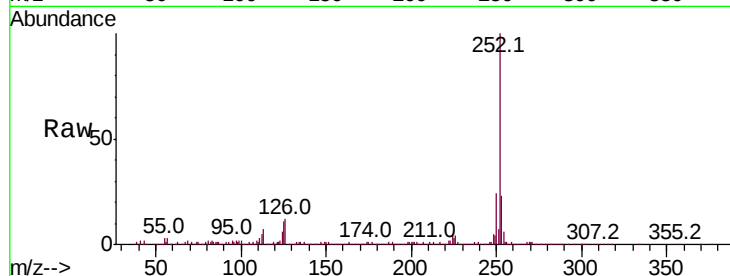
Tot Ion:252 Resp: 776111

Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

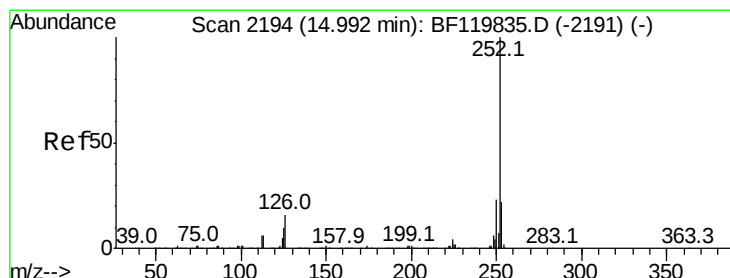
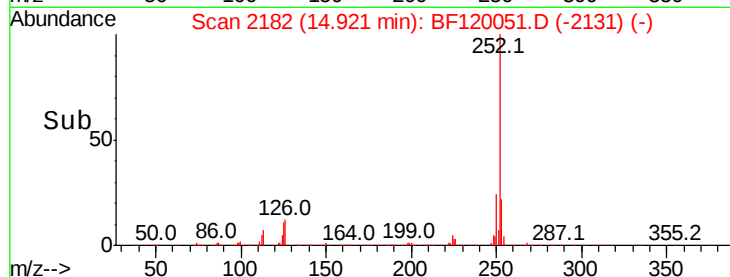
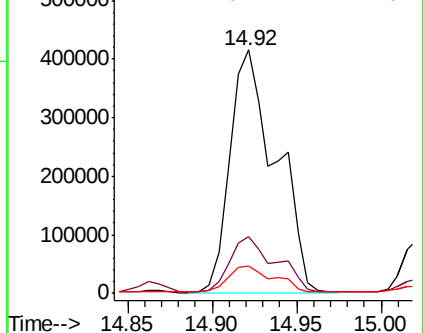
125 11.5 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 42.845 ng

RT: 14.92 min Scan# 2182

Delta R.T. -0.03 min

Lab File: BF120051.D

Acq: 17 Apr 2020 11:39

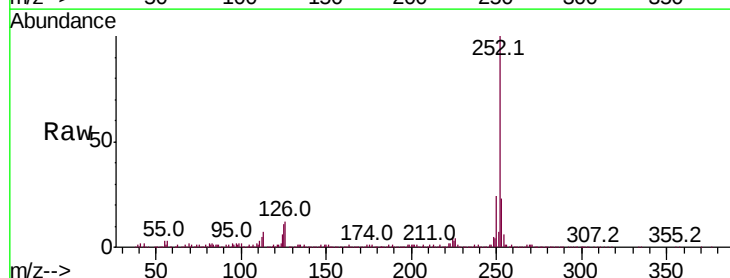
Tgt Ion:252 Resp: 776111

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

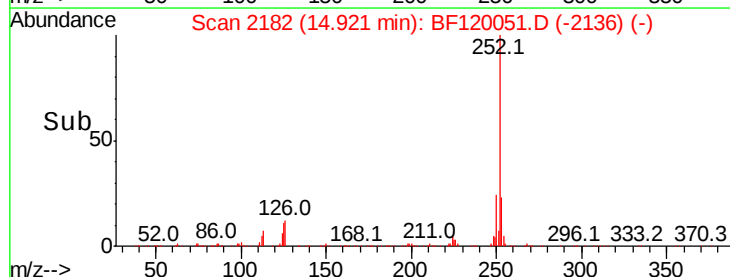
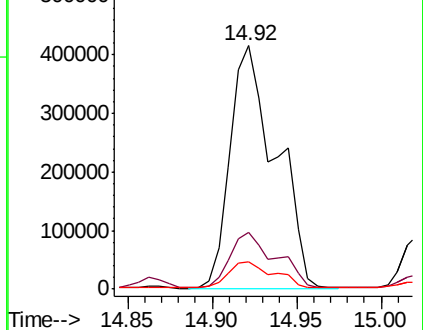
125 11.5 7.7 11.5

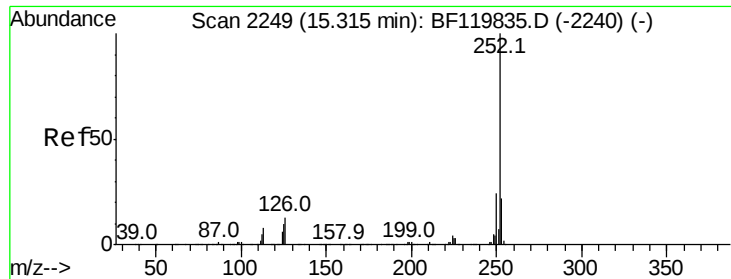


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

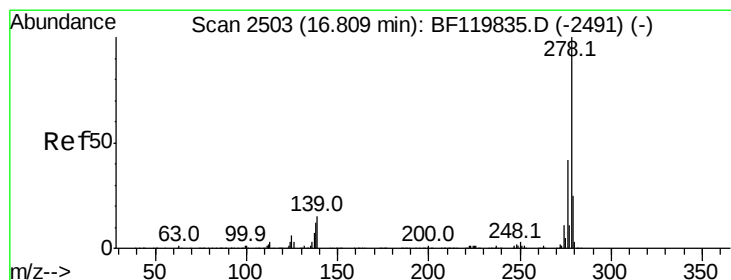
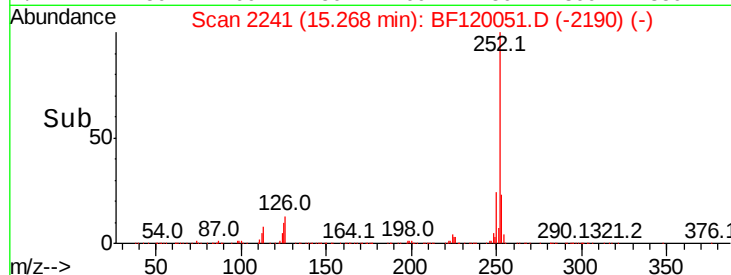
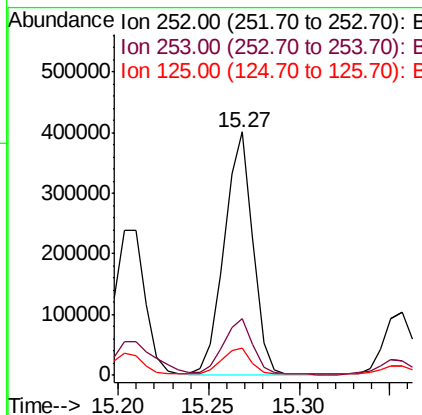
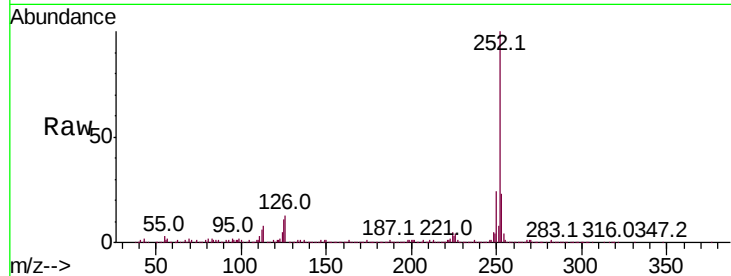




#90
Benzo(a)pyrene
Concen: 24.926 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF120051.D
Acq: 17 Apr 2020 11:39

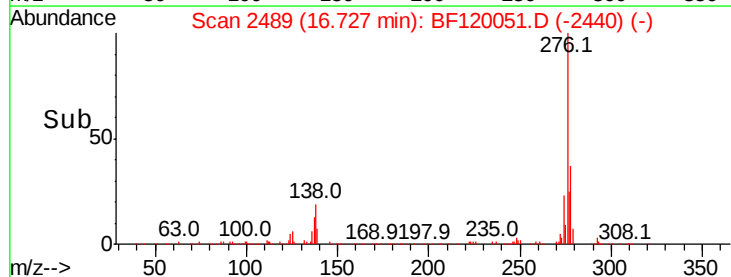
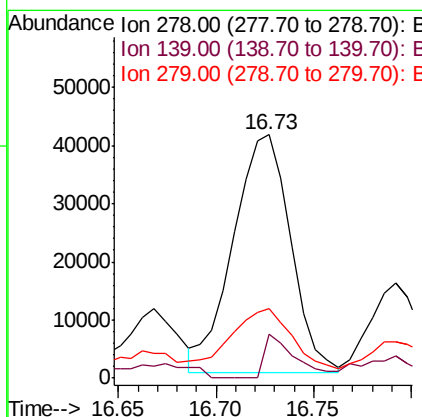
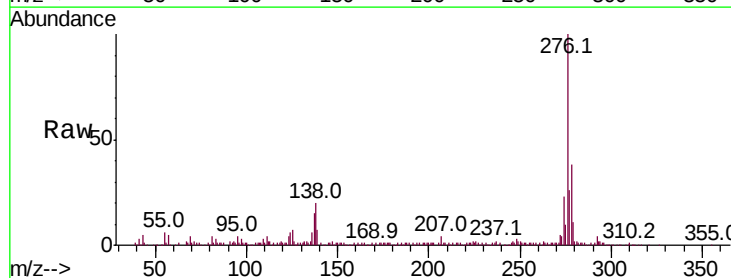
Instrument :
BNA_F
ClientSampleId :
TP-22

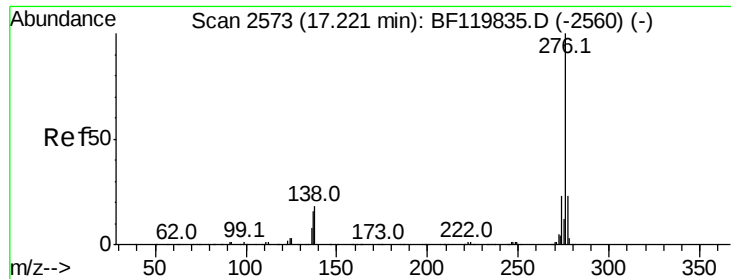
Tot Ion:252 Resp: 439995
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 11.0 8.3 12.5



#91
Dibenzo(a,h)anthracene
Concen: 5.340 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BF120051.D
Acq: 17 Apr 2020 11:39

Tgt Ion:278 Resp: 83498
Ion Ratio Lower Upper
278 100
139 18.3 11.6 17.4#
279 28.5 19.7 29.5

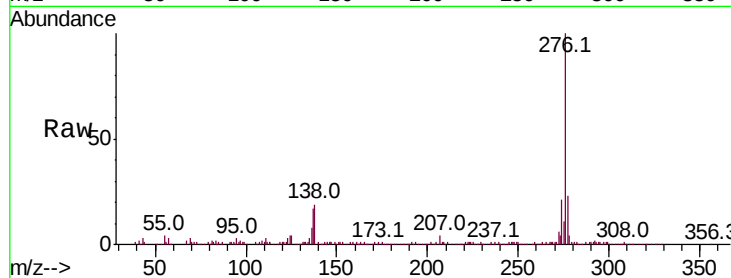




#92
 Benzo(a,h,i)perylene
 Concen: 17.688 ng
 RT: 17.14 min Scan# 2559
 Delta R.T. -0.01 min
 Lab File: BF120051.D
 Acq: 17 Apr 2020 11:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-22

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.5	27.7
138	19.2	14.6	22.0



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

