

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119085.D
 Acq On : 26 Feb 2020 1:10
 Operator : CG/JU
 Sample : L1367-05 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 04:27:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	178938	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	661943	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	320135	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	486377	20.00	ng	0.00
76) Chrysene-d12	13.91	240	340232	20.00	ng	0.00
87) Perylene-d12	15.34	264	322436	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	208732	19.49	ng	0.00
7) Phenol-d6	6.39	99	256986	19.73	ng	-0.01
23) Nitrobenzene-d5	7.31	82	158178	12.62	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	65418	15.62	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	344237	15.84	ng	-0.01
79) Terphenyl-d14	12.85	244	291219	14.74	ng	0.00

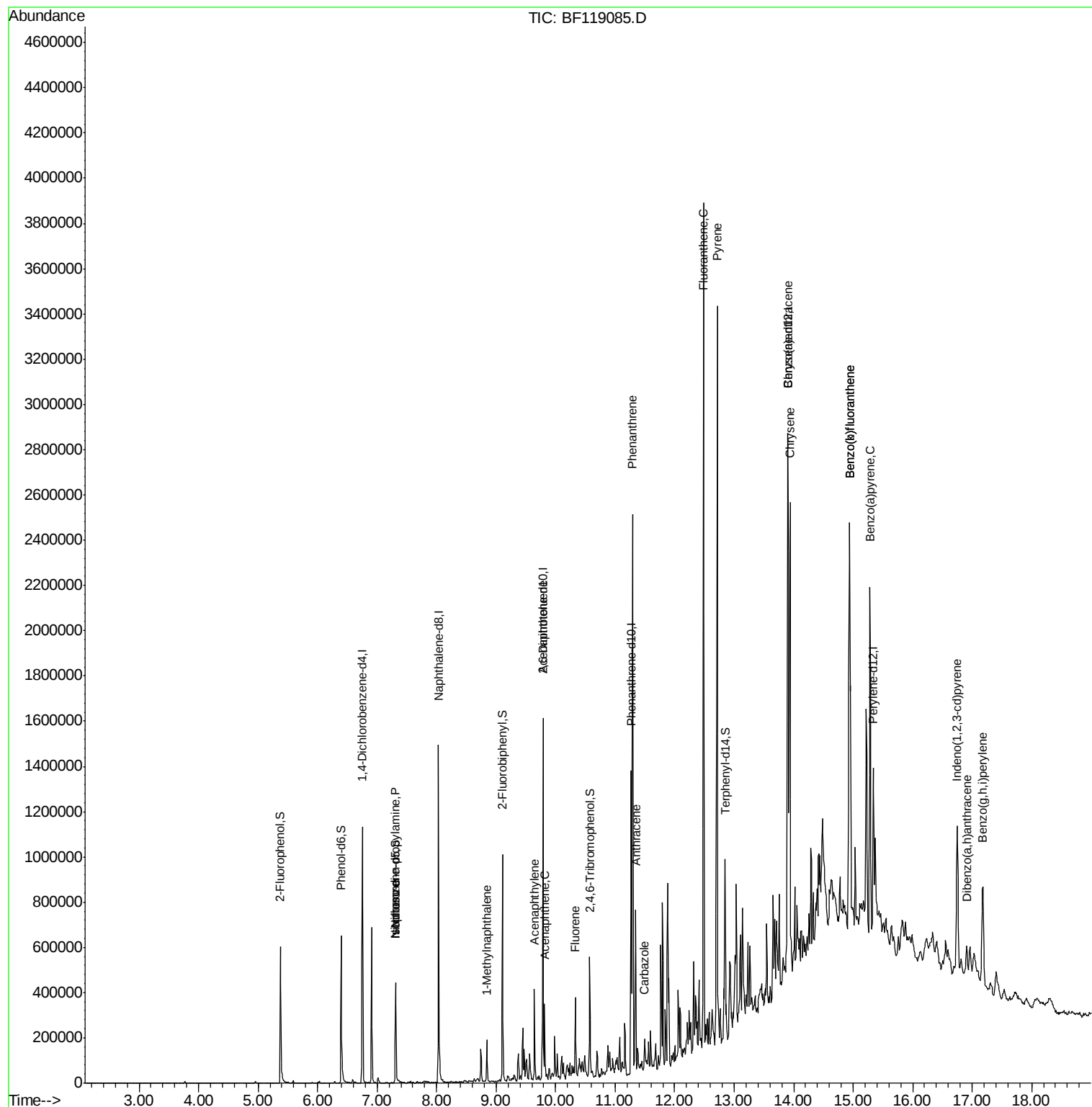
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.31	70	21251	2.801	ng	# 76
25) Isophorone	7.31	82	158176	7.265	ng	# 63
38) 1-Methylnaphthalene	8.85	142	49034	2.257	ng	99
49) Acenaphthylene	9.65	152	151220	5.022	ng	99
51) 2,6-Dinitrotoluene	9.79	165	42963	7.899	ng	# 30
52) Acenaphthene	9.82	154	69738	3.841	ng	99
58) Fluorene	10.33	166	100553	4.775	ng	98
71) Phenanthrene	11.29	178	914038	34.460	ng	99
72) Anthracene	11.34	178	269641	10.174	ng	98
73) Carbazole	11.50	167	48996	2.075	ng	99
75) Fluoranthene	12.49	202	1469092	52.178	ng	99
78) Pvrene	12.72	202	1429283	52.316	ng	99
81) Benzo(a)anthracene	13.90	228	907882	39.163	ng	95
83) Chrysene	13.94	228	796269	34.472	ng	98
86) Indeno(1,2,3-cd)pyrene	16.75	276	418435	18.708	ng	# 93
88) Benzo(b)fluoranthene	14.94	252	1399491	65.848	ng	97
89) Benzo(k)fluoranthene	14.94	252	1399491	71.055	ng	96
90) Benzo(a)pyrene	15.29	252	728482	37.978	ng	100
91) Dibenzo(a,h)anthracene	16.91	278	102162	6.053	ng	95
92) Benzo(a,h,i)perylene	17.18	276	381581	22.882	ng	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119085.D
Acq On : 26 Feb 2020 1:10
Operator : CG/JU
Sample : L1367-05 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 26 04:27:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration



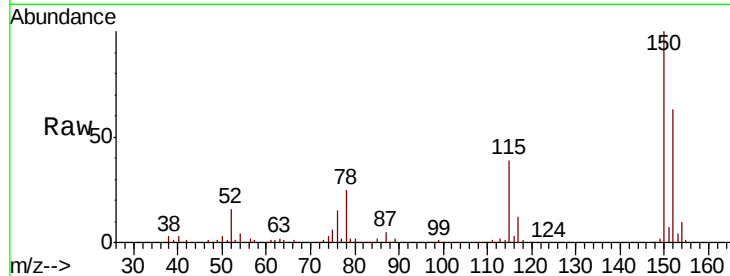


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119085.D
Acq: 26 Feb 2020 1:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.3	186.5
115	62.0	44.6	67.0

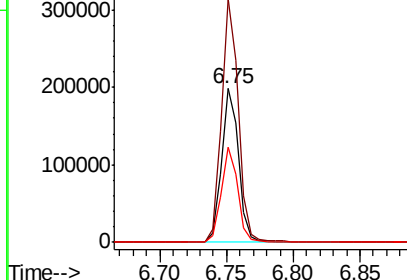
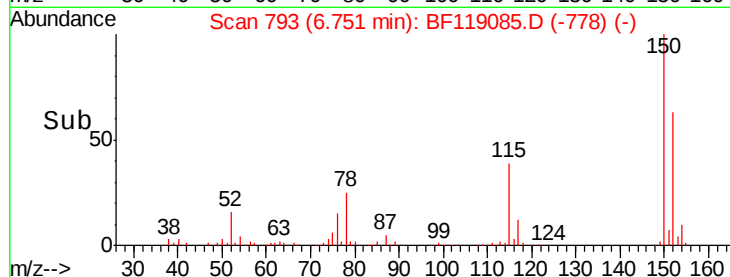


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

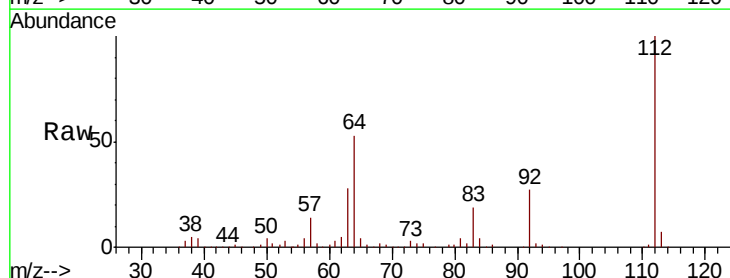
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 19.494 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF119085.D
Acq: 26 Feb 2020 1:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	40.4	60.6
63	28.0	21.3	31.9

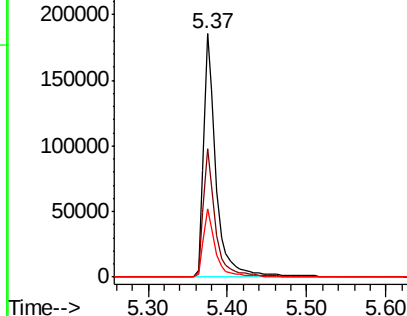
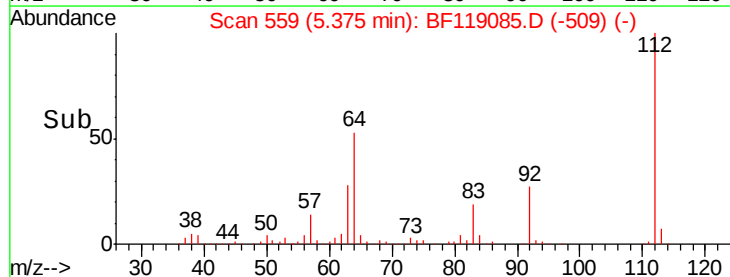


Abundance

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: 19.735 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119085.D

Acq: 26 Feb 2020 1:10

Instrument :

BNA_F

ClientSampleId :

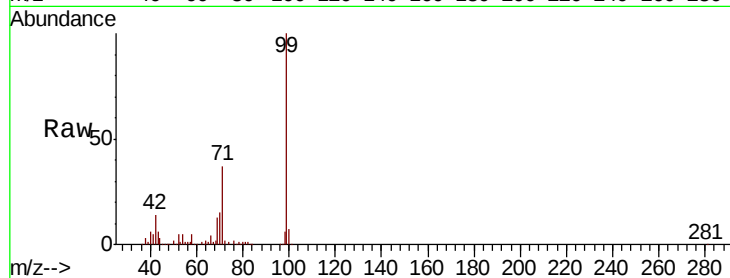
Tot Ion: 99 Resp: 256986

Ion Ratio Lower Upper

99 100

42 13.6 11.4 17.0

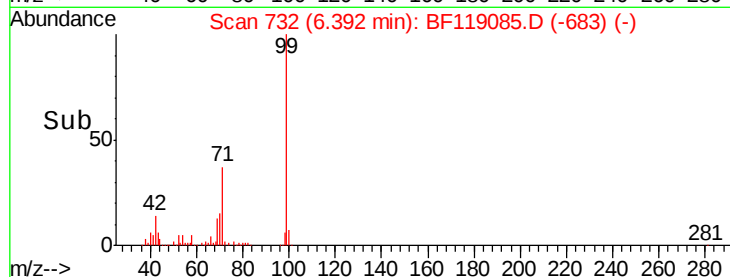
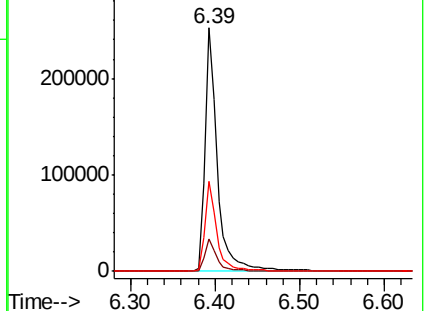
71 36.8 29.8 44.6



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: 2.801 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.13 min

Lab File: BF119085.D

Acq: 26 Feb 2020 1:10

Tgt Ion: 70 Resp: 21251

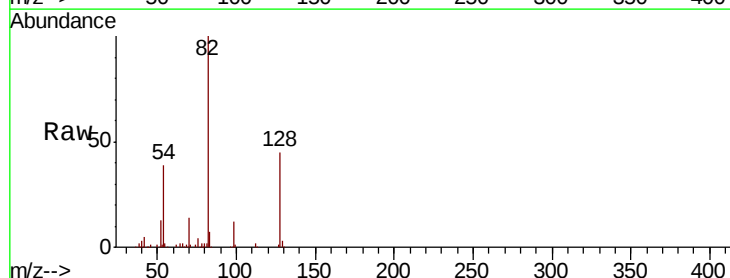
Ion Ratio Lower Upper

70 100

42 35.7 34.6 51.8

101 0.0 8.1 12.1#

130 2.2 19.4 29.2#

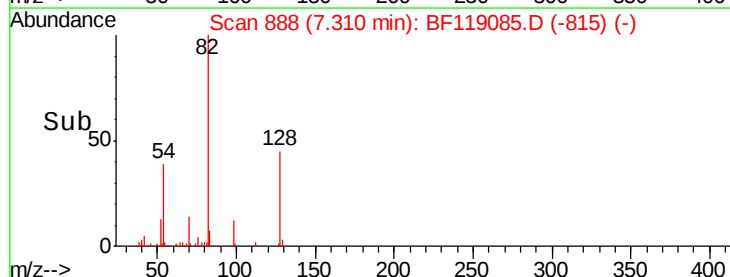
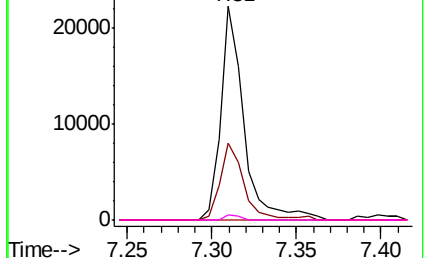


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119085.D

Acq: 26 Feb 2020 1:10

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 661943

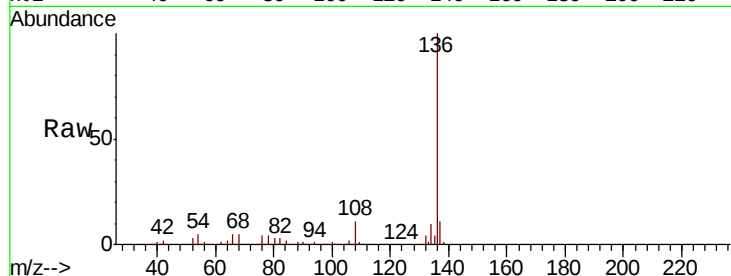
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 5.3 3.8 5.6

68 5.3 4.2 6.2

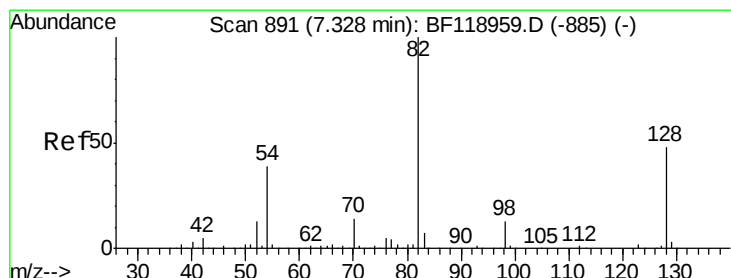
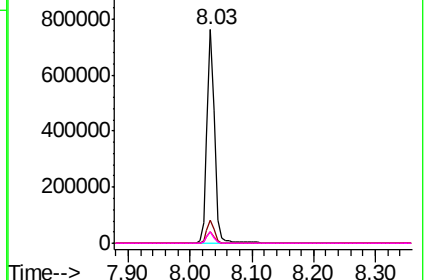
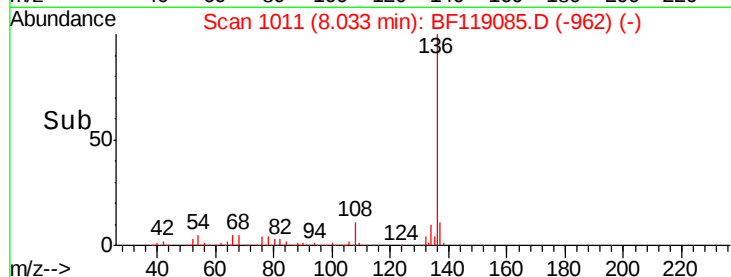


Abundance Ion 136.00 (135.70 to 136.70): E

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: 12.617 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF119085.D

Acq: 26 Feb 2020 1:10

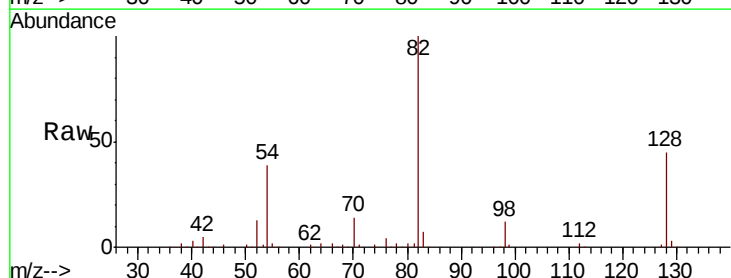
Tgt Ion: 82 Resp: 158178

Ion Ratio Lower Upper

82 100

128 44.7 38.2 57.2

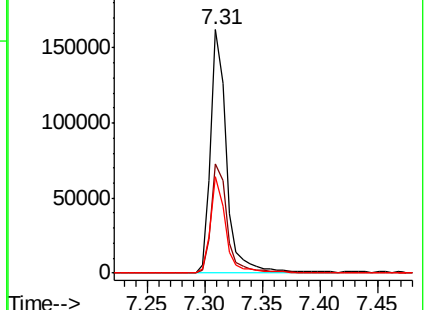
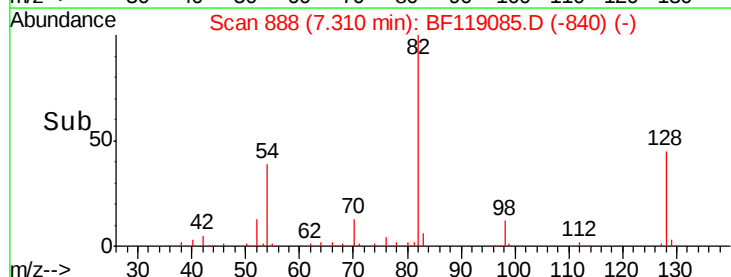
54 39.4 31.3 46.9



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: 7.265 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.28 min

Lab File: BF119085.D

Acq: 26 Feb 2020 1:10

Instrument :

BNA_F

ClientSampleId :

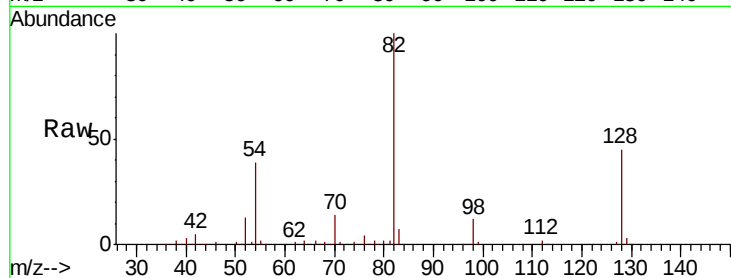
Tot Ion: 82 Resp: 158176

Ion Ratio Lower Upper

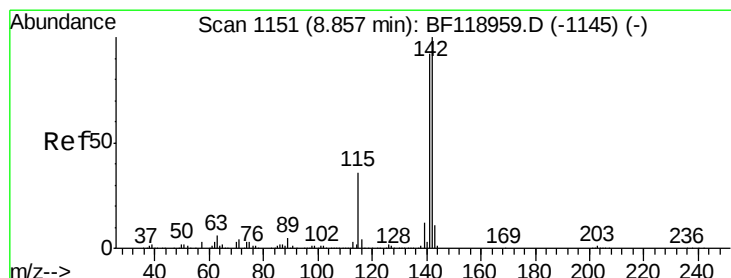
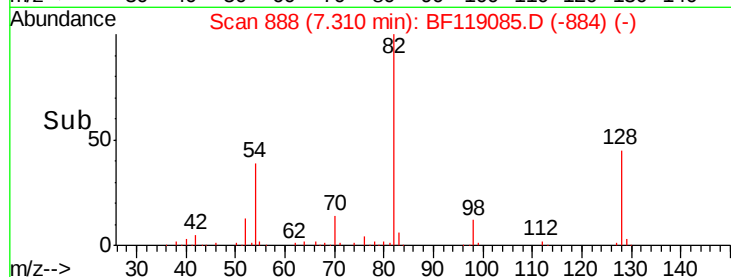
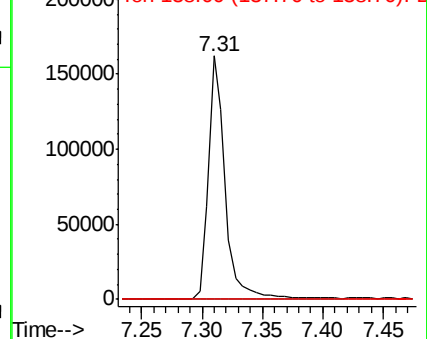
82 100

95 0.0 6.1 9.1#

138 0.0 15.8 23.6#



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



#38

1-Methylnaphthalene

Concen: 2.257 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF119085.D

Acq: 26 Feb 2020 1:10

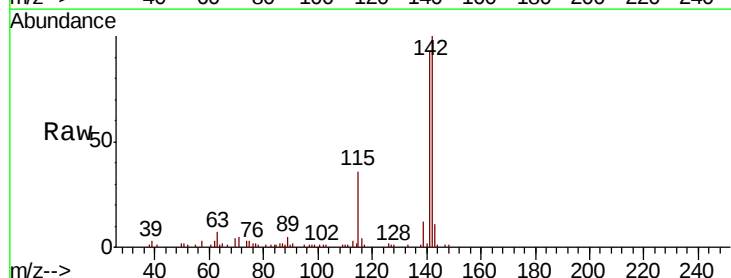
Tgt Ion: 142 Resp: 49034

Ion Ratio Lower Upper

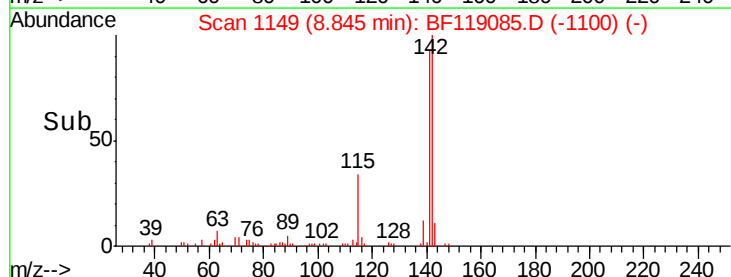
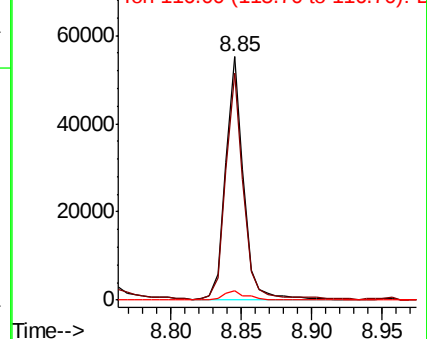
142 100

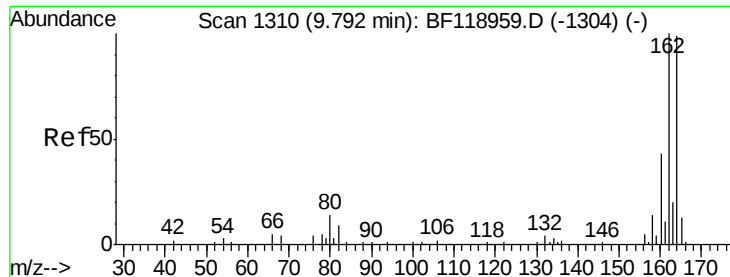
141 93.3 73.7 110.5

116 4.0 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

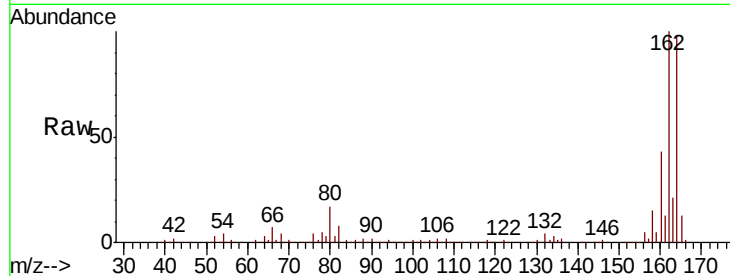




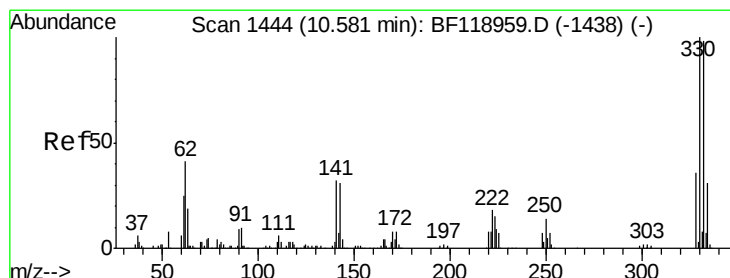
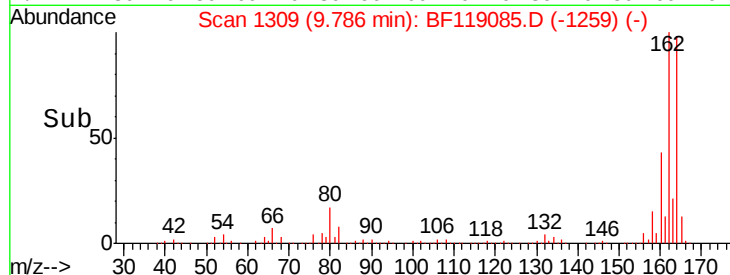
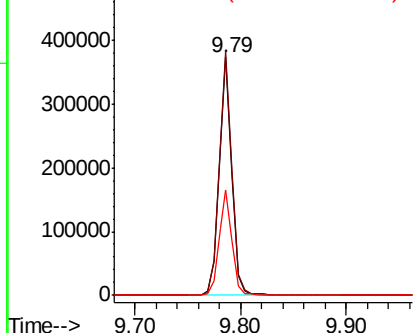
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119085.D
Acq: 26 Feb 2020 1:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 320135
Ion Ratio Lower Upper
164 100
162 102.3 81.2 121.8
160 44.4 35.2 52.8

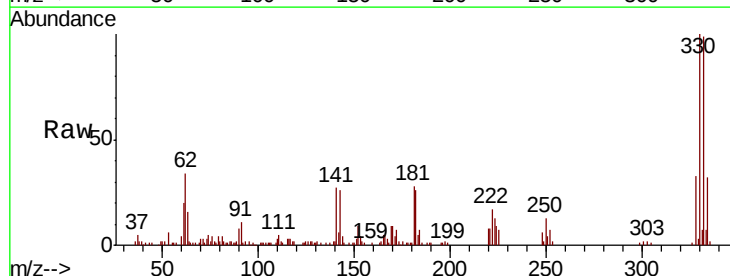


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

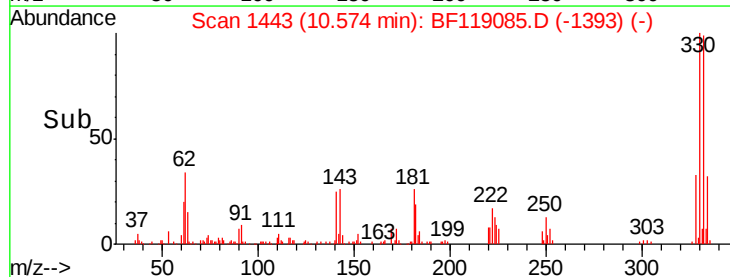
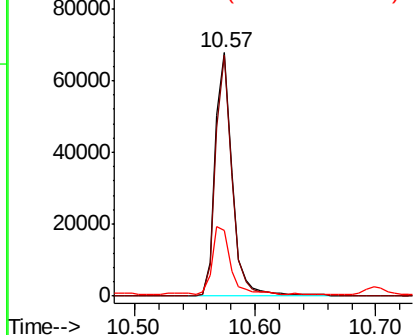


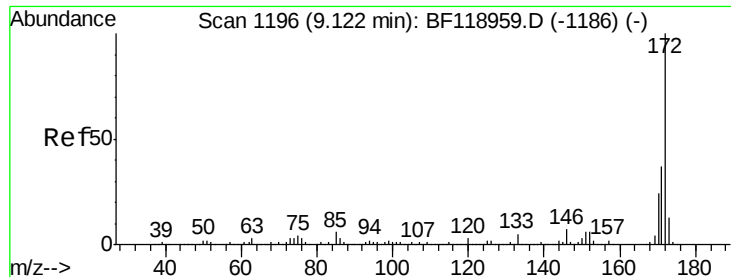
#42
2,4,6-Tribromophenol
Concen: 15.621 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF119085.D
Acq: 26 Feb 2020 1:10

Tgt Ion:330 Resp: 65418
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 31.5 23.0 34.6



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

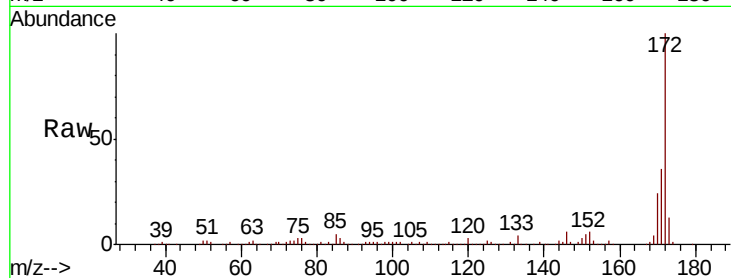




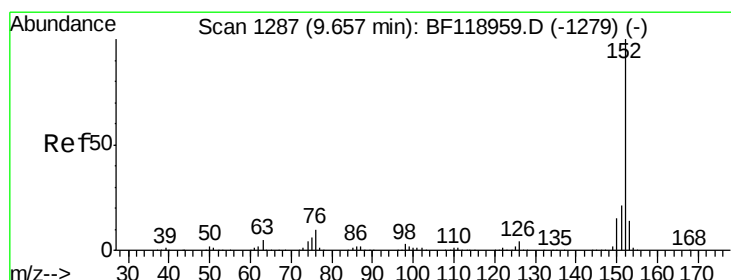
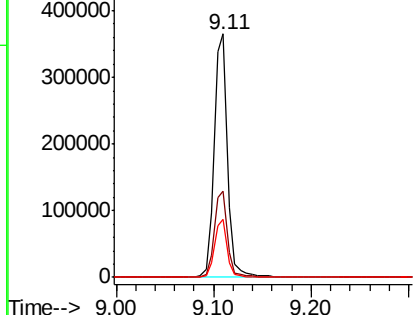
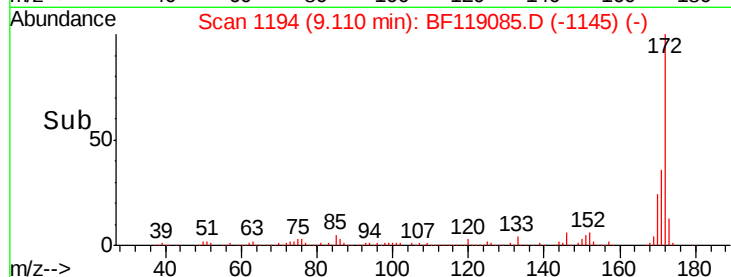
#45
 2-Fluorobiphenyl
 Concen: 15.841 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119085.D
 Acq: 26 Feb 2020 1:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.2
170	23.6	19.6	29.4

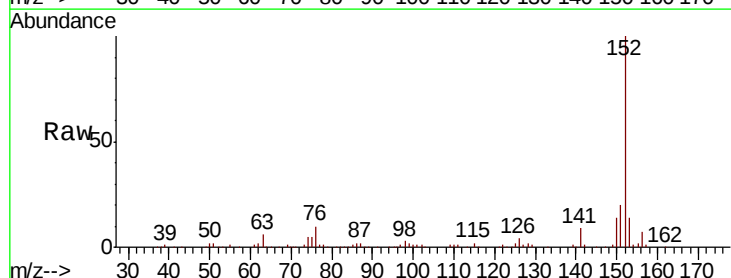


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

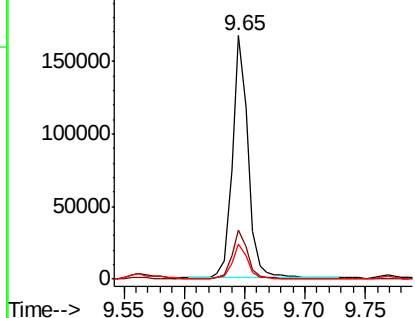
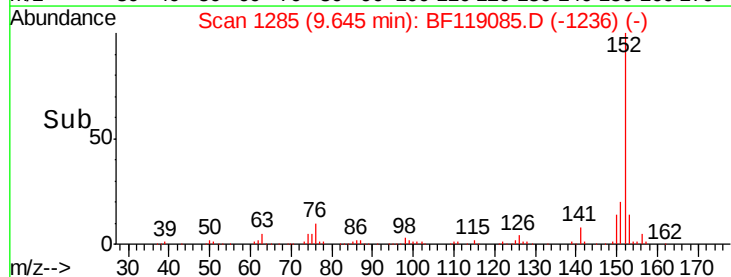


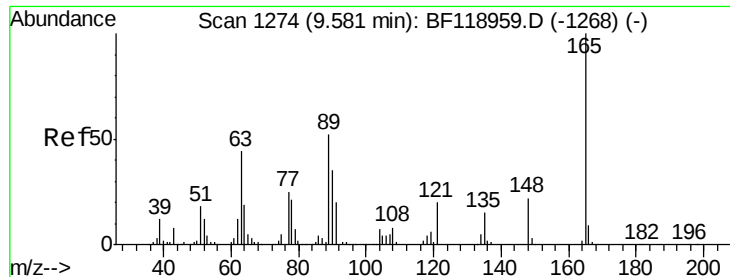
#49
 Acenaphthylene
 Concen: 5.022 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BF119085.D
 Acq: 26 Feb 2020 1:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.7	25.1
153	14.1	10.9	16.3



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

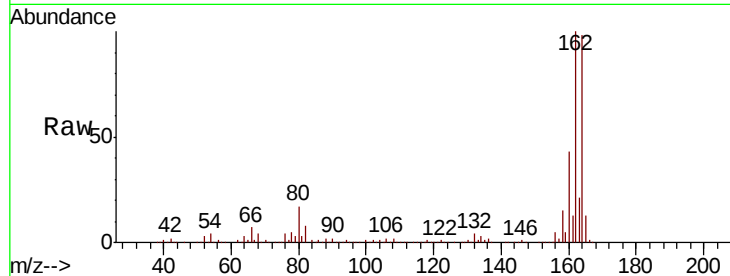




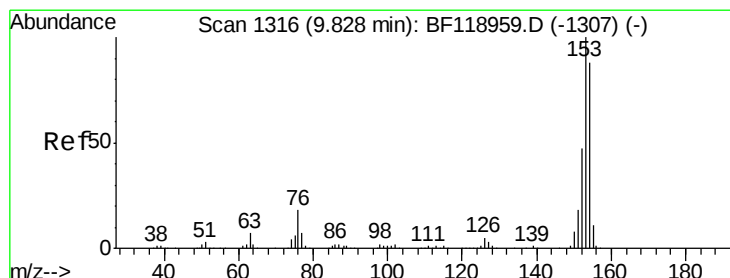
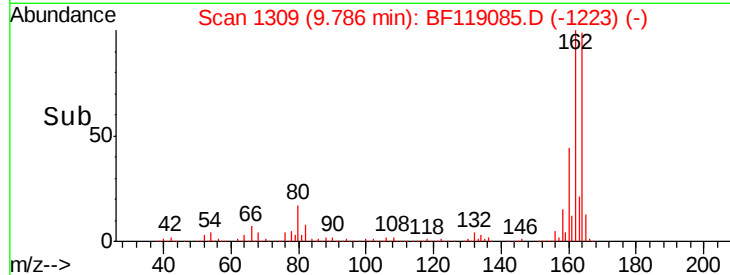
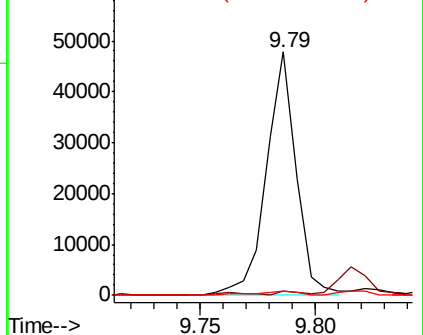
#51
 2,6-Dinitrotoluene
 Concen: 7.899 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.21 min
 Lab File: BF119085.D
 Acq: 26 Feb 2020 1:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	37.9	56.9#
89	1.8	41.4	62.0#

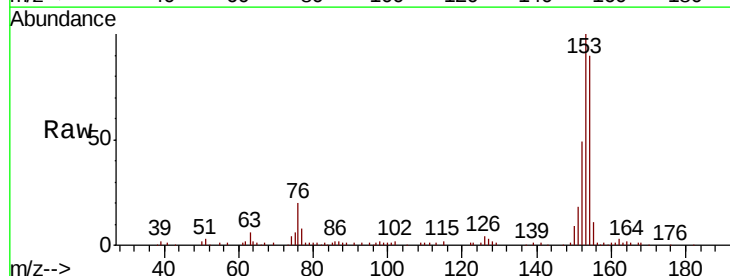


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

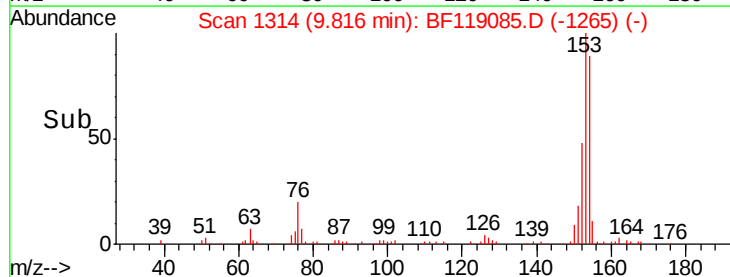
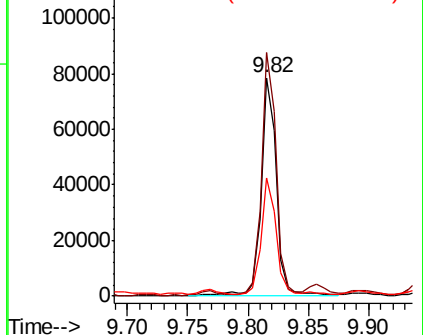


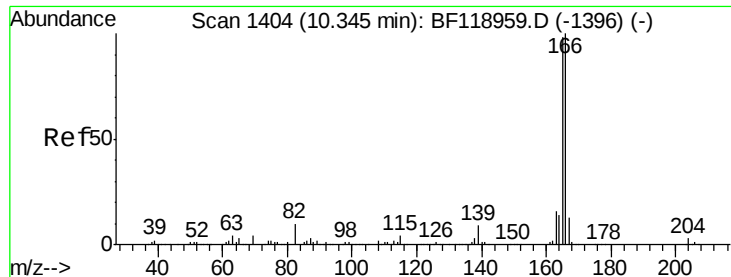
#52
 Acenaphthene
 Concen: 3.841 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF119085.D
 Acq: 26 Feb 2020 1:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	90.4	135.6
152	54.2	42.9	64.3



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

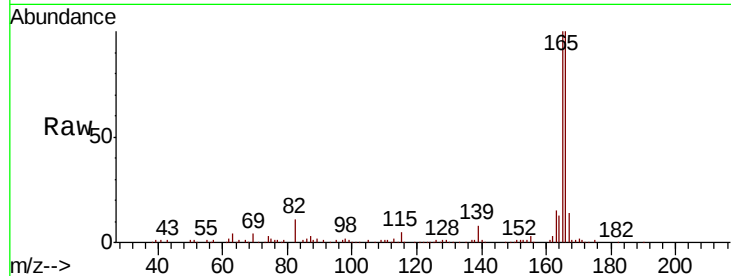




#58
 Fluorene
 Concen: 4.775 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF119085.D
 Acq: 26 Feb 2020 1:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.2	117.4
167	13.8	10.6	16.0

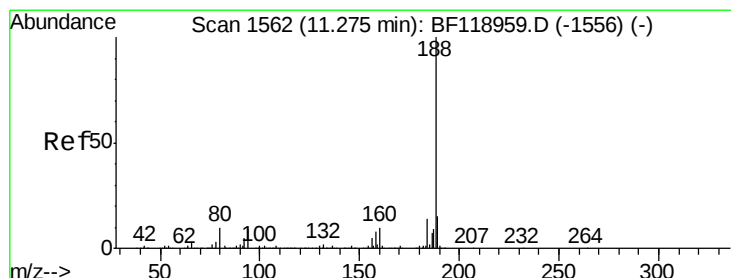
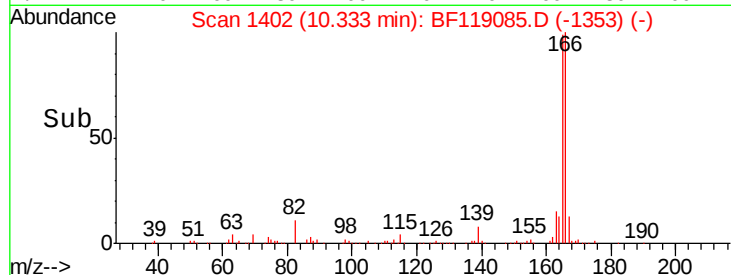
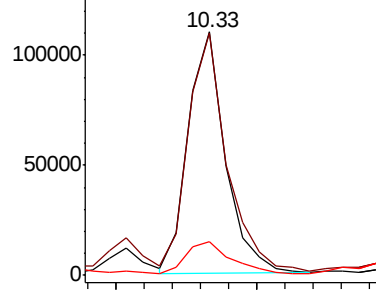


Abundance

Ion 166.00 (165.70 to 166.70): E

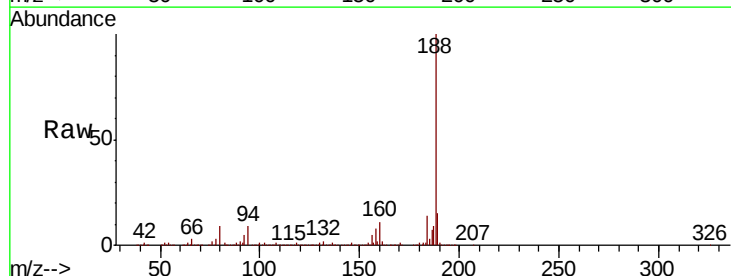
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF119085.D
 Acq: 26 Feb 2020 1:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.6
80	9.3	7.9	11.9

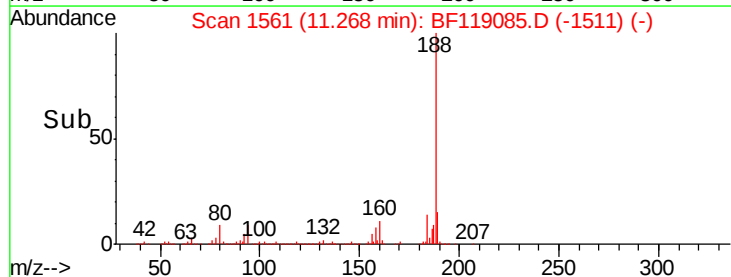
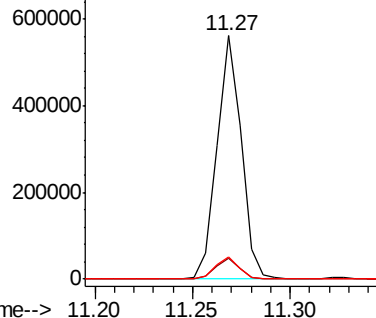


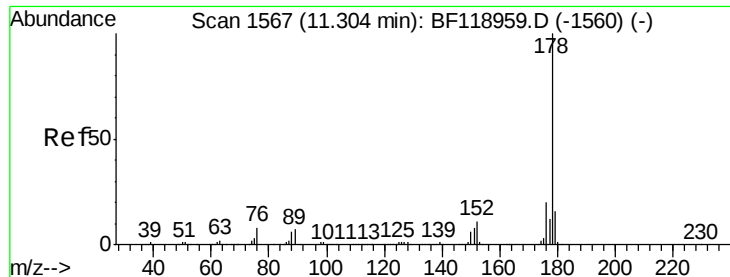
Abundance

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





#71

Phenanthrene

Concen: 34.460 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF119085.D

Acq: 26 Feb 2020 1:10

Instrument :

BNA_F

ClientSampled :

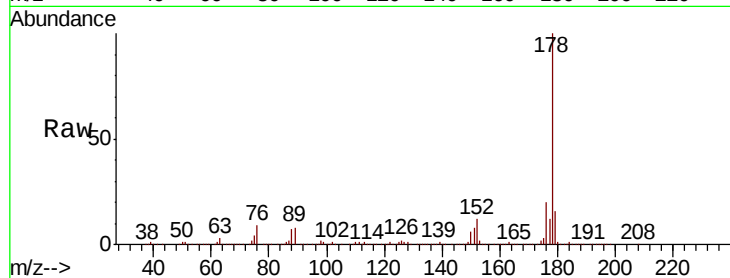
Tot Ion:178 Resp: 914038

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

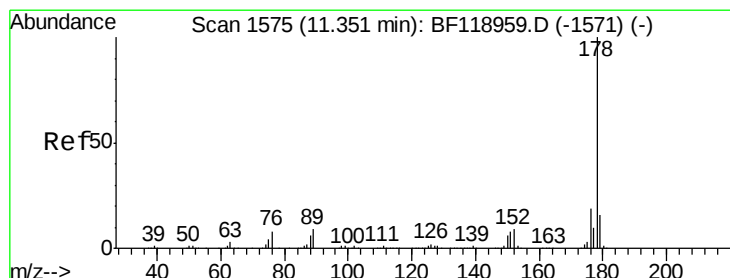
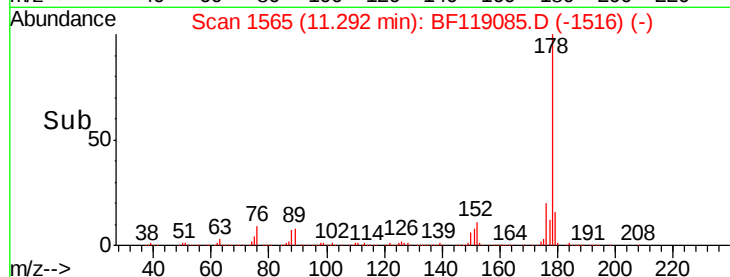
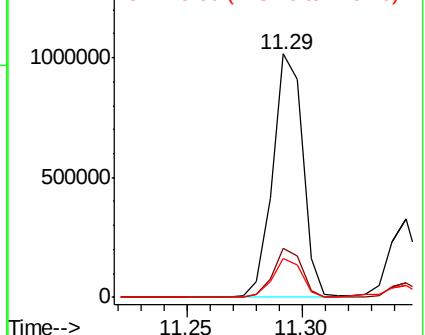
179 15.7 12.6 18.8



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: 10.174 ng

RT: 11.34 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF119085.D

Acq: 26 Feb 2020 1:10

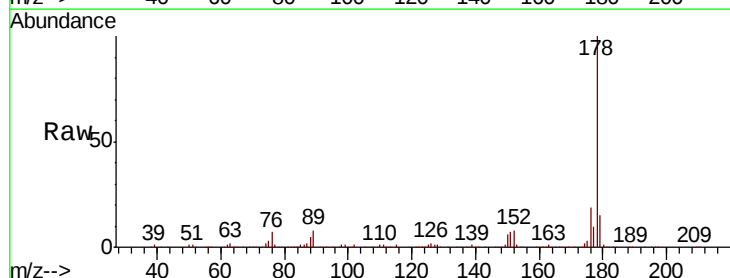
Tgt Ion:178 Resp: 269641

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

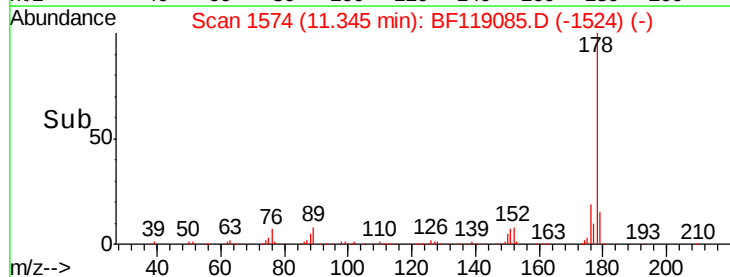
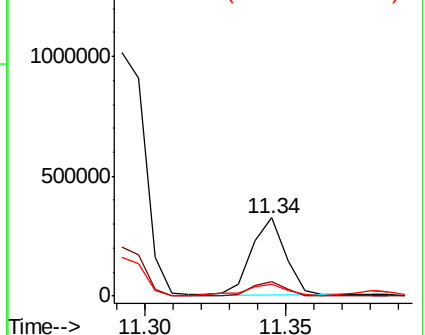
179 15.2 12.8 19.2

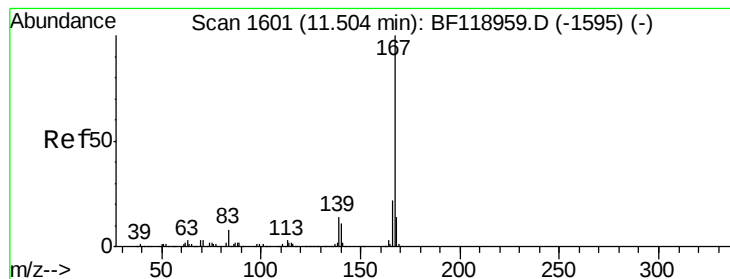


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 2.075 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BF119085.D

Acq: 26 Feb 2020 1:10

Instrument :

BNA_F

ClientSampleId :

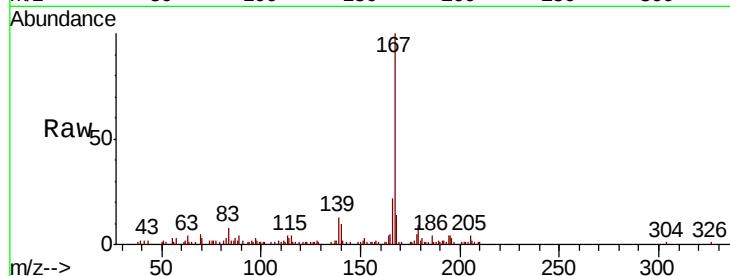
Tot Ion:167 Resp: 48996

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.6

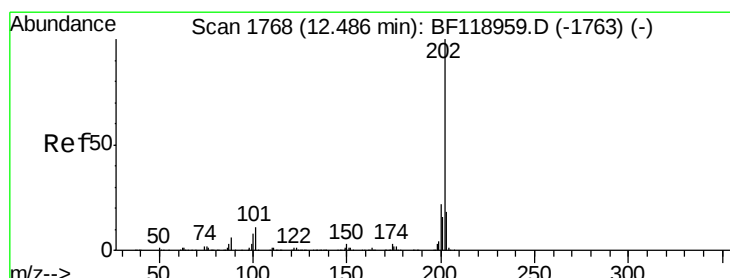
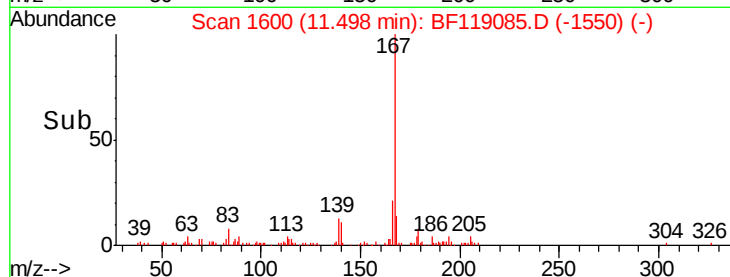
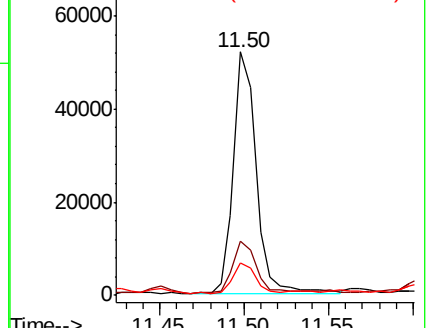
139 13.4 11.2 16.8



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: 52.178 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BF119085.D

Acq: 26 Feb 2020 1:10

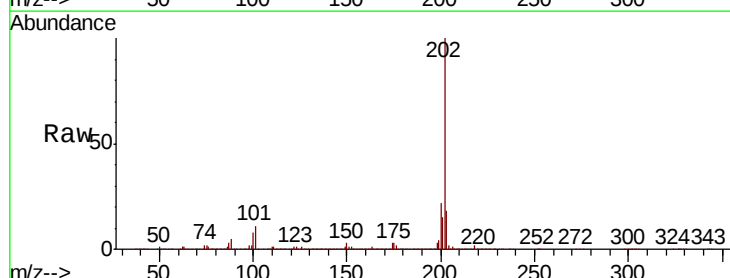
Tgt Ion:202 Resp: 1469092

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.1

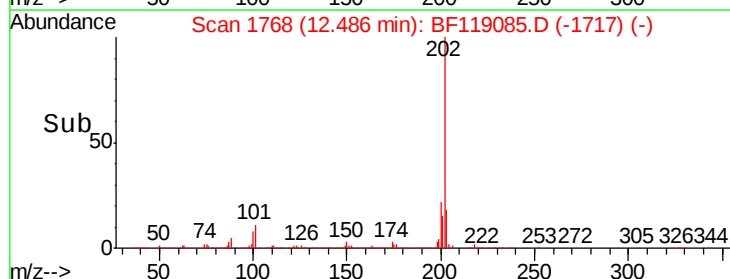
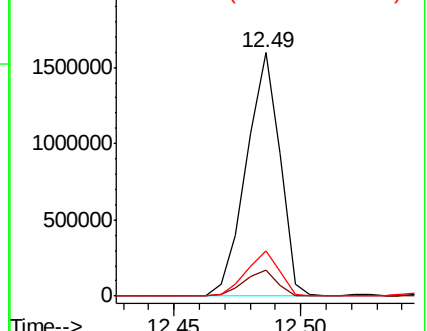
203 18.4 0.0 38.1

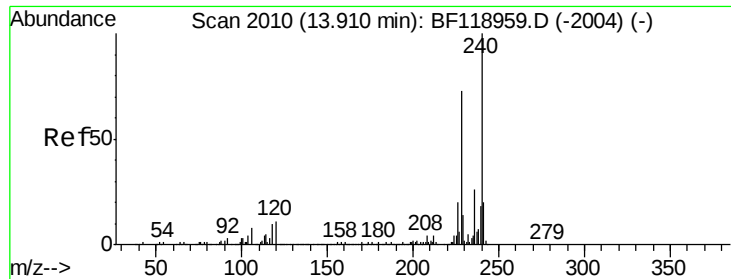


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF119085.D

Acq: 26 Feb 2020 1:10

Instrument :

BNA_F

ClientSampleId :

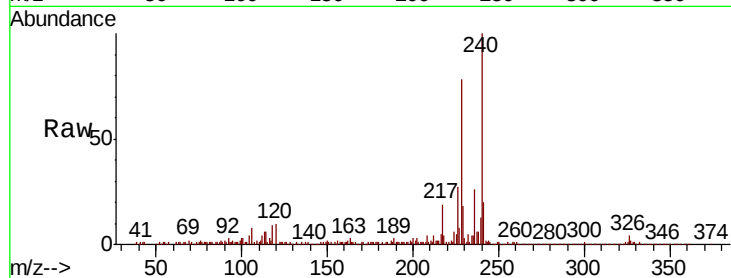
Tot Ion:240 Resp: 340232

Ion Ratio Lower Upper

240 100

120 10.0 8.9 13.3

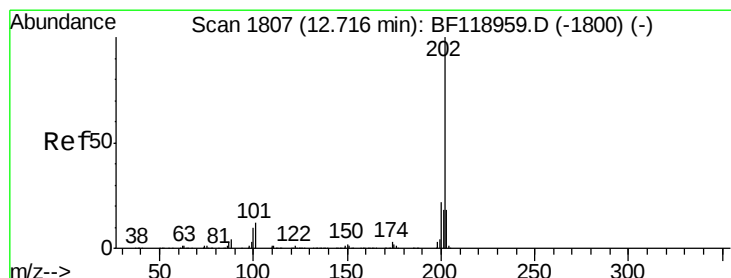
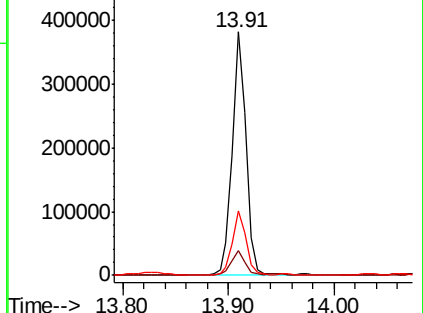
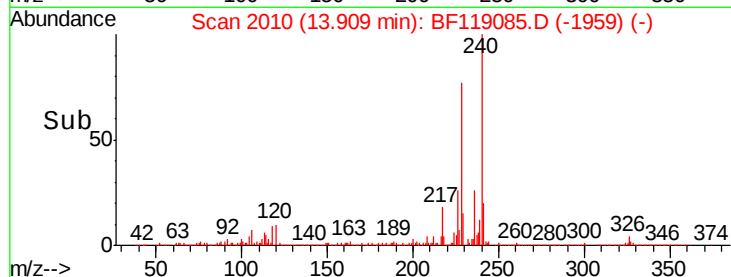
236 26.2 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 52.316 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF119085.D

Acq: 26 Feb 2020 1:10

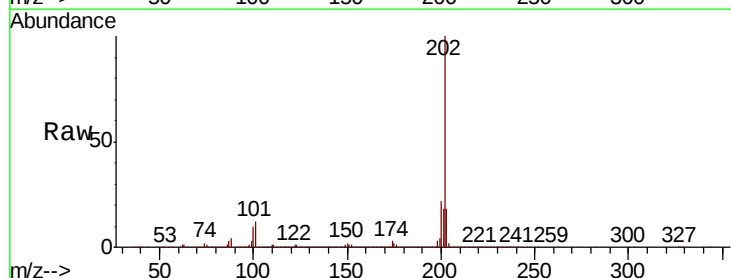
Tgt Ion:202 Resp: 1429283

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.0

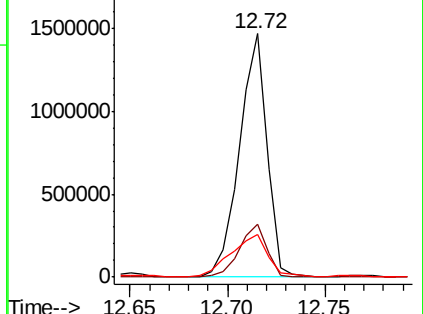
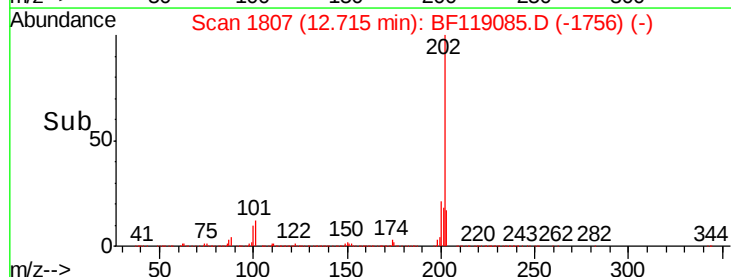
203 17.6 14.5 21.7

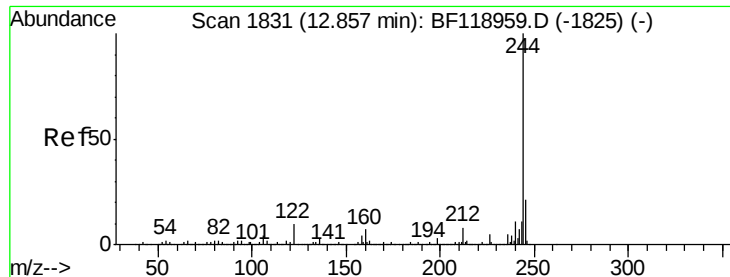


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 14.737 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119085.D

Acq: 26 Feb 2020 1:10

Instrument :

BNA_F

ClientSampleId :

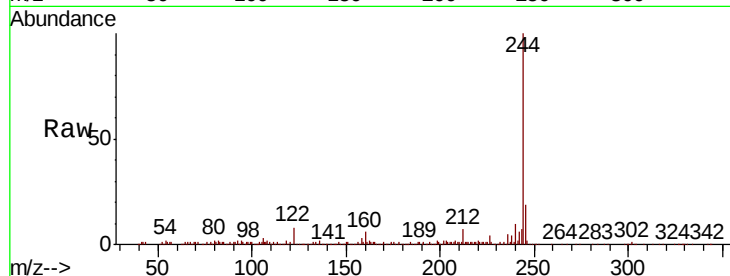
Tot Ion:244 Resp: 291219

Ion Ratio Lower Upper

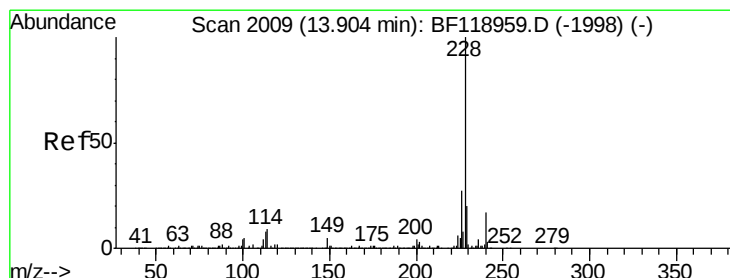
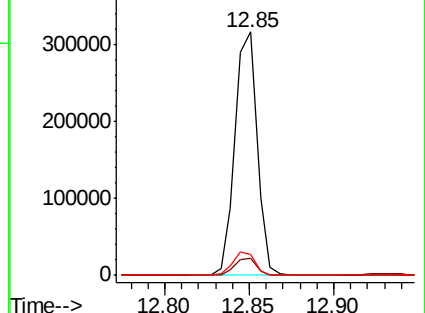
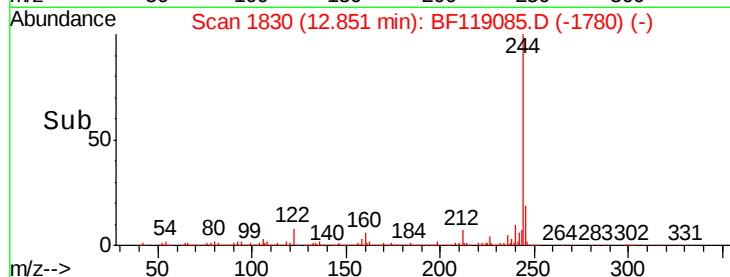
244 100

212 6.8 6.3 9.5

122 8.4 8.4 12.6



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: 39.163 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119085.D

Acq: 26 Feb 2020 1:10

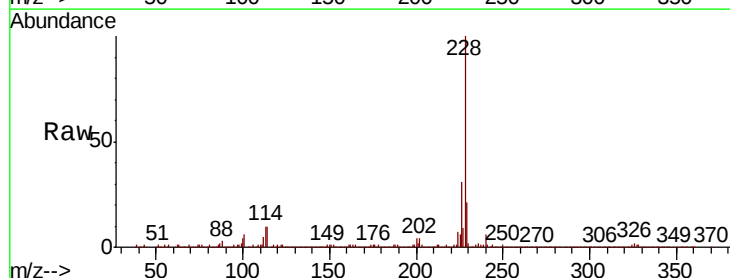
Tgt Ion:228 Resp: 907882

Ion Ratio Lower Upper

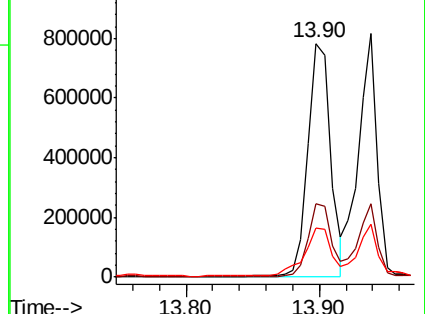
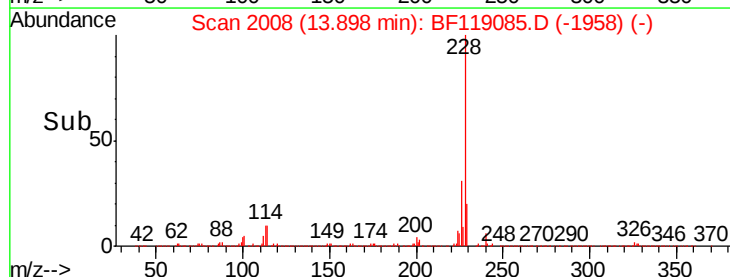
228 100

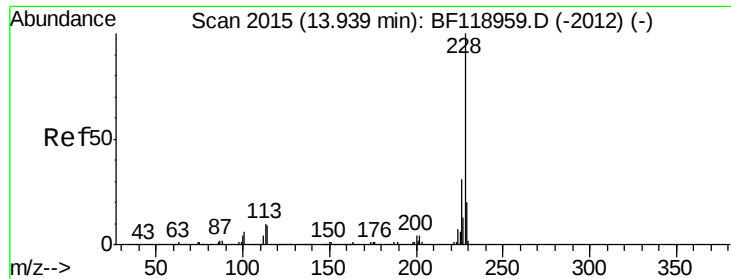
226 31.2 21.8 32.8

229 21.0 16.0 24.0



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: 34.472 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF119085.D

Acq: 26 Feb 2020 1:10

Instrument :

BNA_F

ClientSampleId :

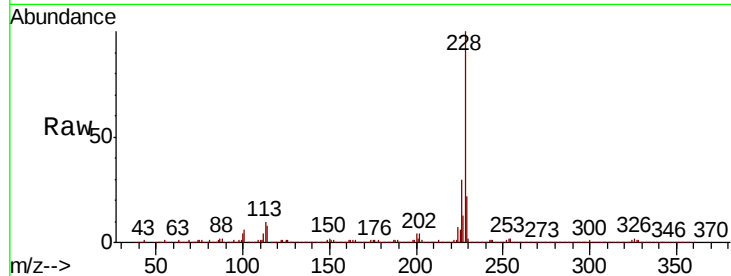
Tot Ion:228 Resp: 796269

Ion Ratio Lower Upper

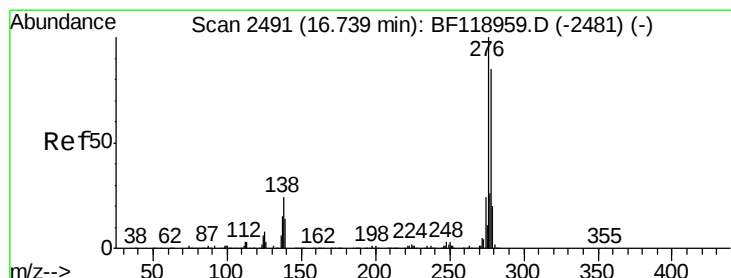
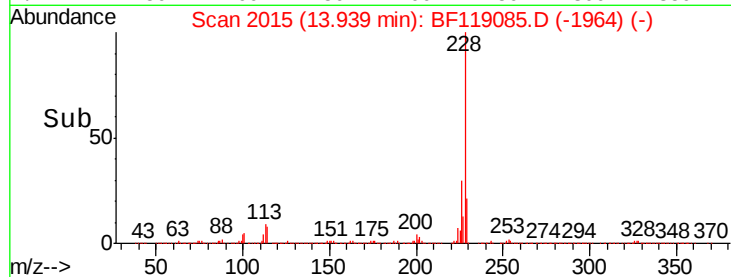
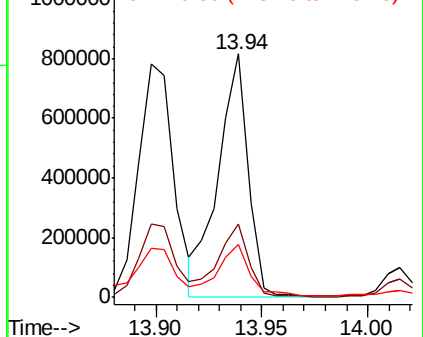
228 100

226 30.3 24.6 37.0

229 21.9 16.2 24.2



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: 18.708 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF119085.D

Acq: 26 Feb 2020 1:10

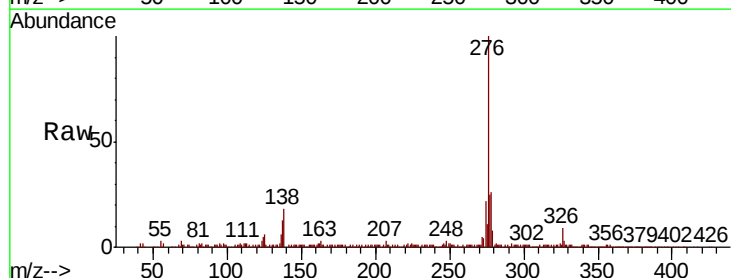
Tgt Ion:276 Resp: 418435

Ion Ratio Lower Upper

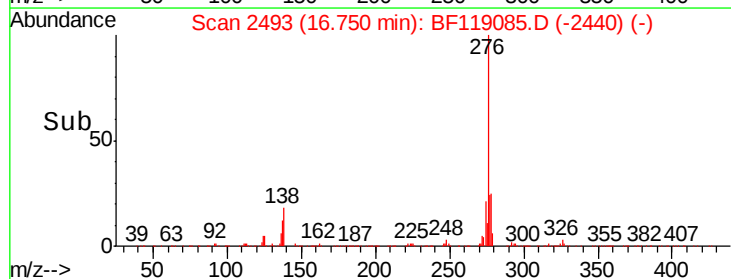
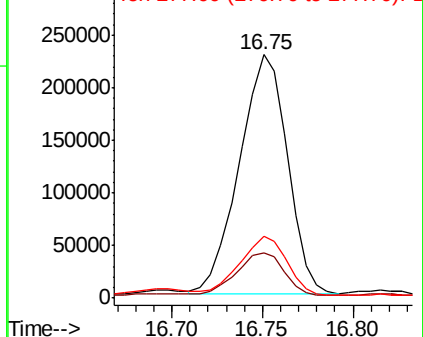
276 100

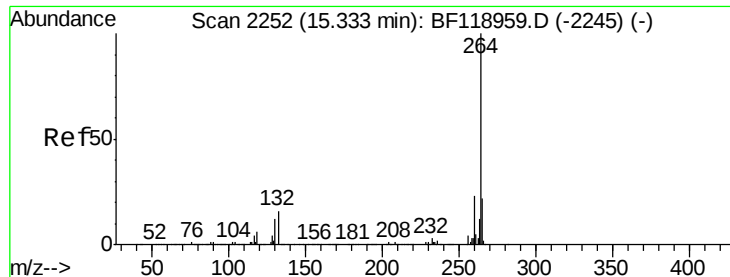
138 18.3 18.7 28.1#

277 23.9 20.3 30.5



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



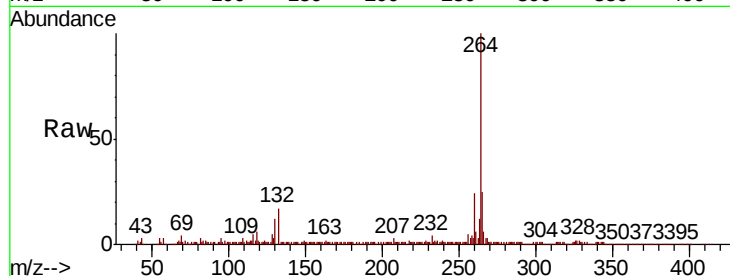


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF119085.D
Acq: 26 Feb 2020 1:10

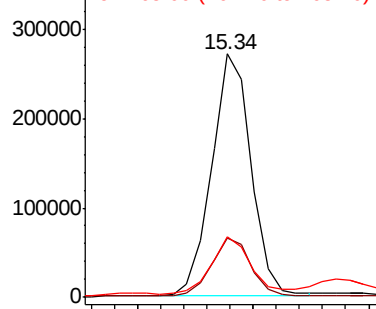
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 322436

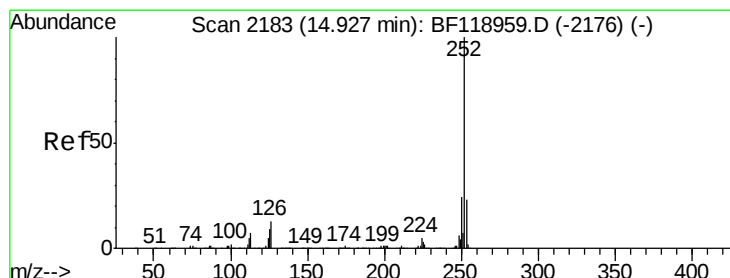
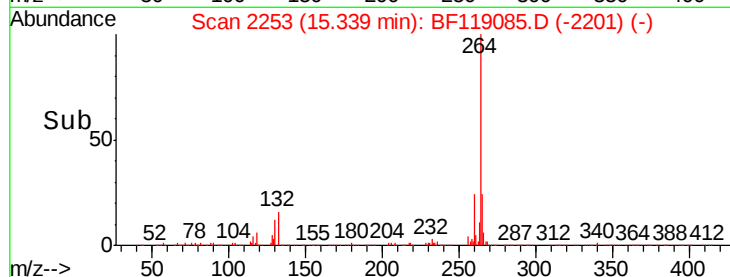
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	24.9	17.3	25.9



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



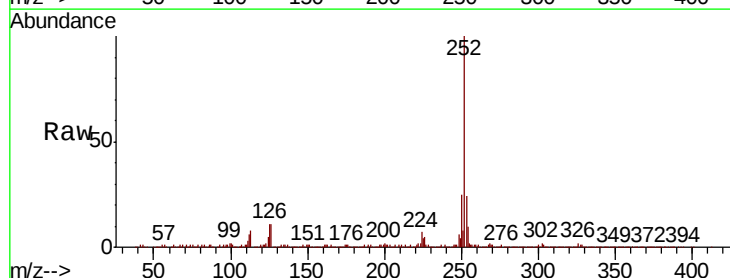
Time-->



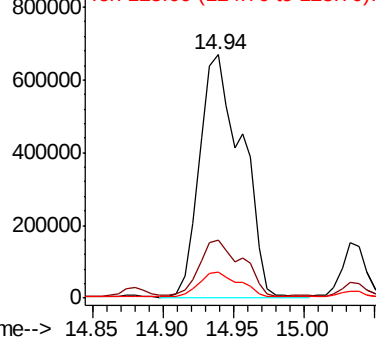
#88
Benzo(b)fluoranthene
Concen: 65.848 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF119085.D
Acq: 26 Feb 2020 1:10

Tgt Ion:252 Resp: 1399491

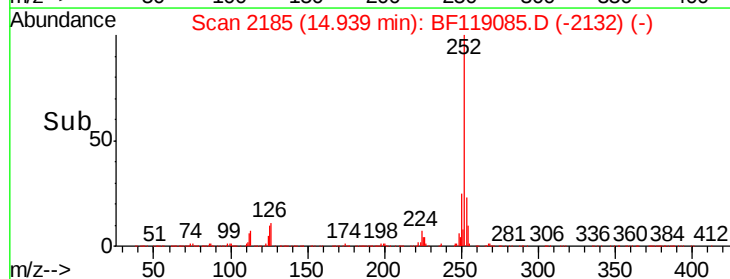
Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	10.6	7.4	11.0

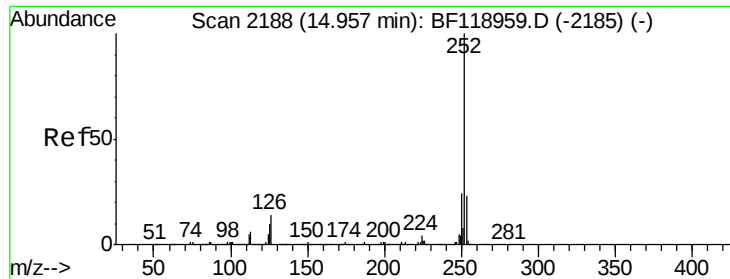


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->

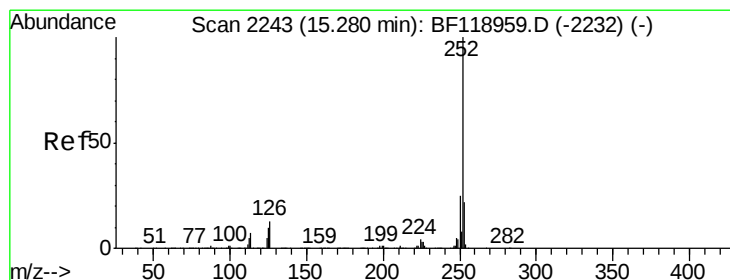
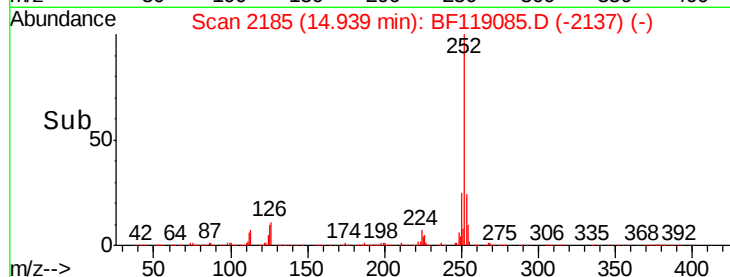
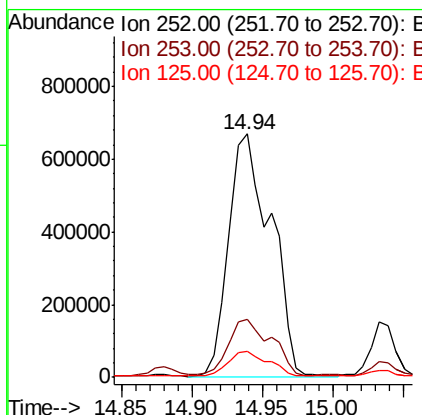
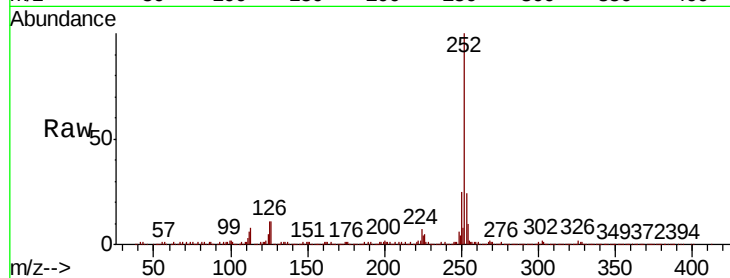




#89
Benzo(k)fluoranthene
Concen: 71.055 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BF119085.D
Acq: 26 Feb 2020 1:10

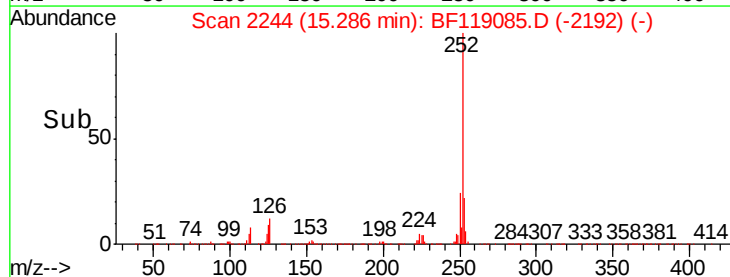
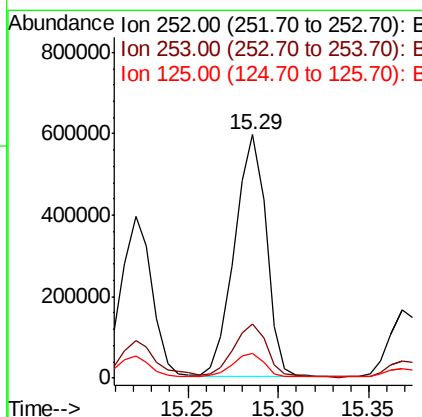
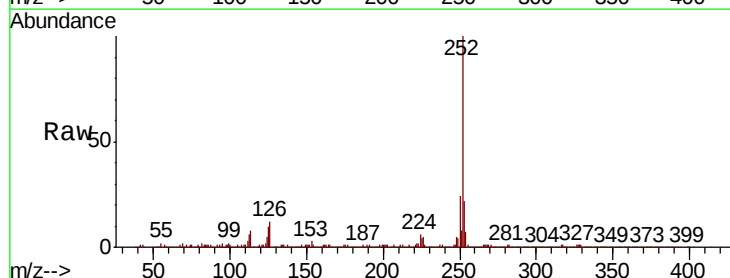
Instrument :
BNA_F
ClientSampleId :

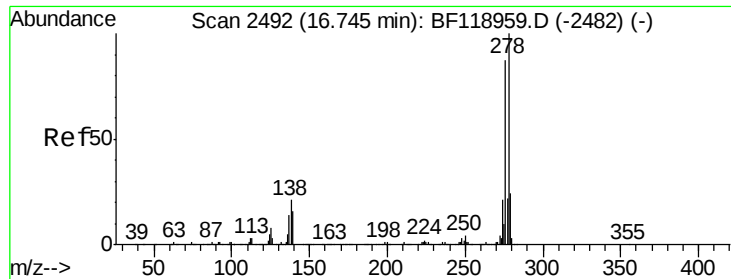
Tot Ion:252 Resp: 1399491
Ion Ratio Lower Upper
252 100
253 24.0 17.9 26.9
125 10.6 7.3 10.9



#90
Benzo(a)pyrene
Concen: 37.978 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF119085.D
Acq: 26 Feb 2020 1:10

Tgt Ion:252 Resp: 728482
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 10.1 7.8 11.6

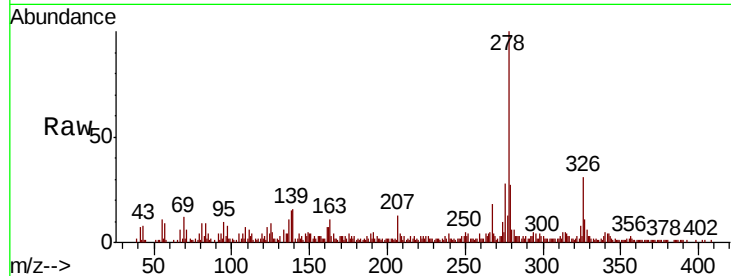




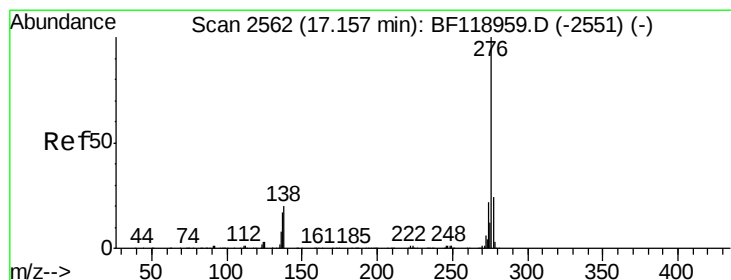
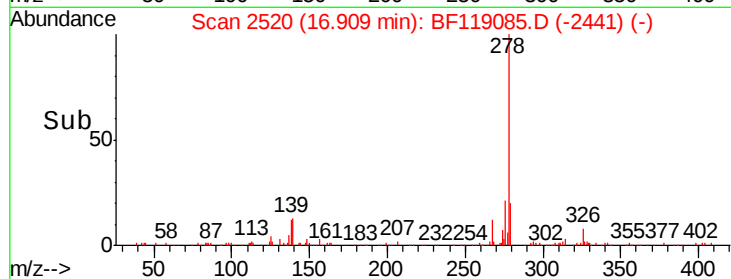
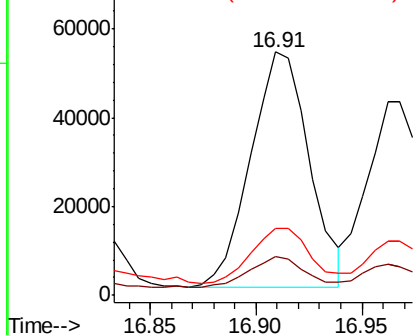
#91
Dibenzo(a,h)anthracene
Concen: 6.053 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.16 min
Lab File: BF119085.D
Acq: 26 Feb 2020 1:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 102162
Ion Ratio Lower Upper
278 100
139 16.2 12.6 18.8
279 27.5 19.0 28.6

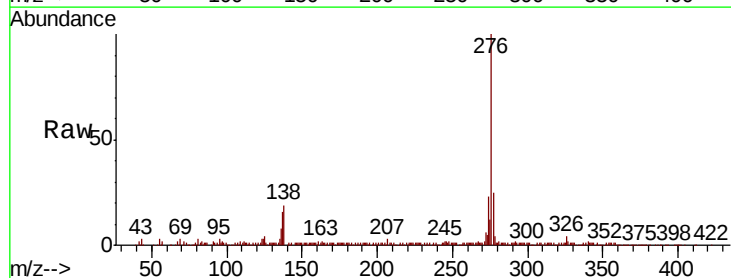


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 22.882 ng
RT: 17.18 min Scan# 2566
Delta R.T. 0.02 min
Lab File: BF119085.D
Acq: 26 Feb 2020 1:10

Tgt Ion:276 Resp: 381581
Ion Ratio Lower Upper
276 100
277 24.6 19.2 28.8
138 18.8 16.2 24.4



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

