

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118409.D
 Acq On : 31 Dec 2019 17:02
 Operator : JU
 Sample : K6465-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-4-(3-5)

Quant Time: Jan 01 01:36:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

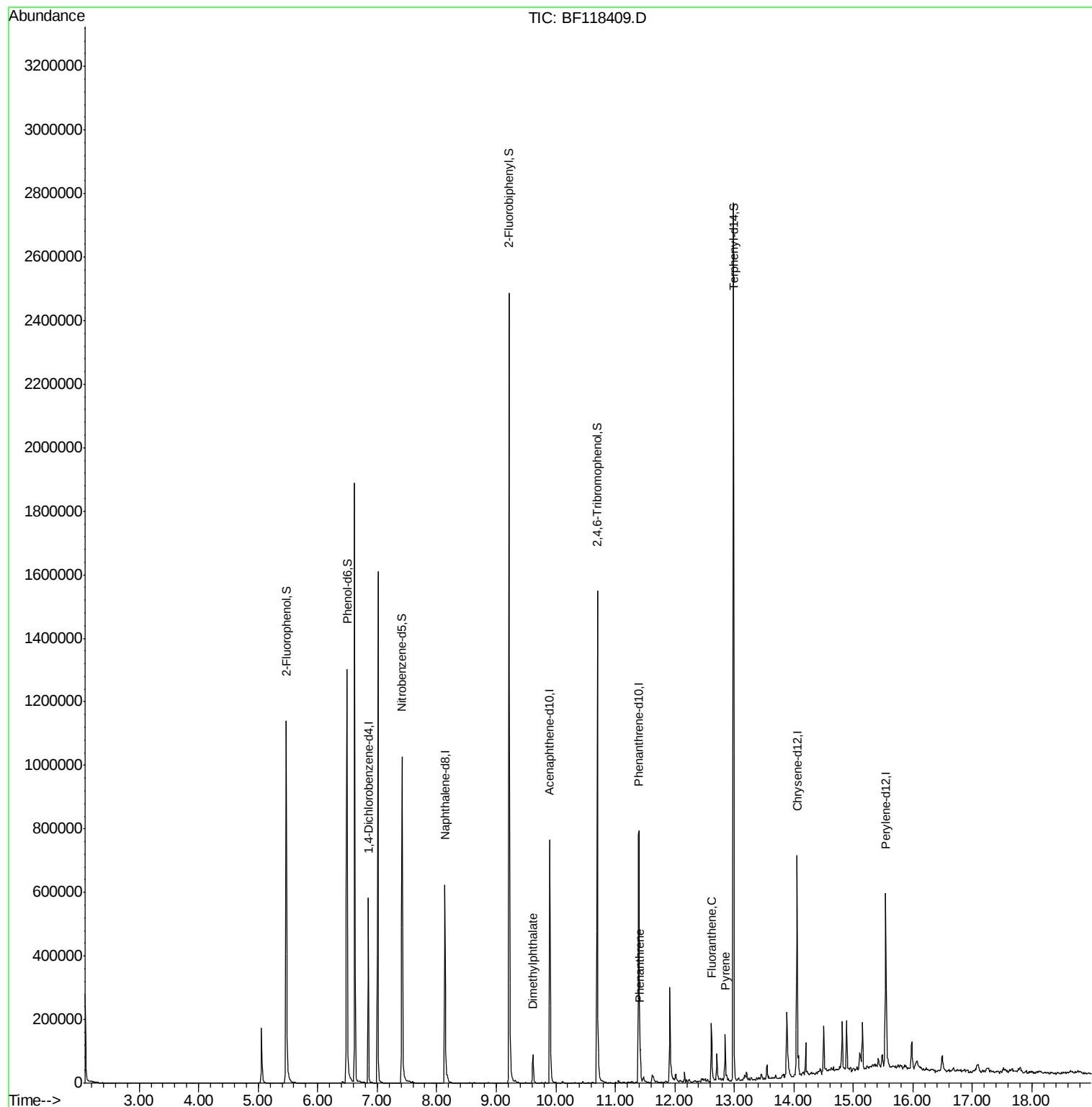
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	79532	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	322712	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	181904	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	337050	20.00	ng	0.00
76) Chrysene-d12	14.05	240	216200	20.00	ng	0.00
87) Perylene-d12	15.54	264	228934	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	341294	73.25	ng	0.01
7) Phenol-d6	6.49	99	476424	82.43	ng	0.00
23) Nitrobenzene-d5	7.42	82	368182	65.25	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	217295	96.73	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	763114	64.04	ng	0.00
79) Terphenyl-d14	12.99	244	896610	68.80	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	47264	3.461	ng	99
71) Phenanthrene	11.42	178	39288	2.138	ng	98
75) Fluoranthene	12.62	202	64604	3.484	ng	98
78) Pyrene	12.85	202	57054	3.232	ng	99

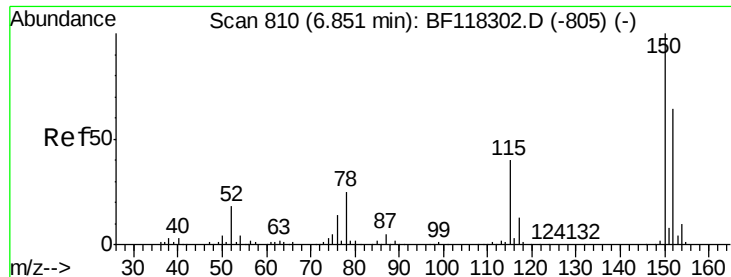
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF118409.D

Acq: 31 Dec 2019 17:02

Instrument :

BNA_F

ClientSampleId :

GP-4-(3-5)

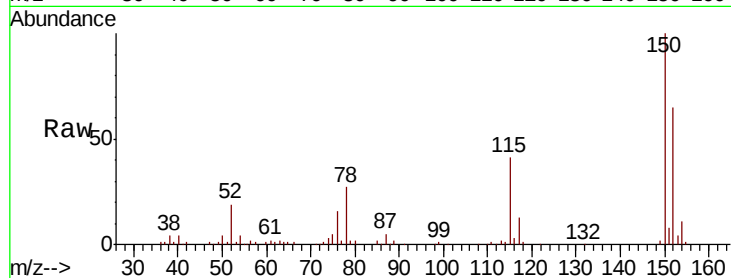
Tot Ion:152 Resp: 79532

Ion Ratio Lower Upper

152 100

150 153.2 125.4 188.2

115 63.5 50.2 75.4

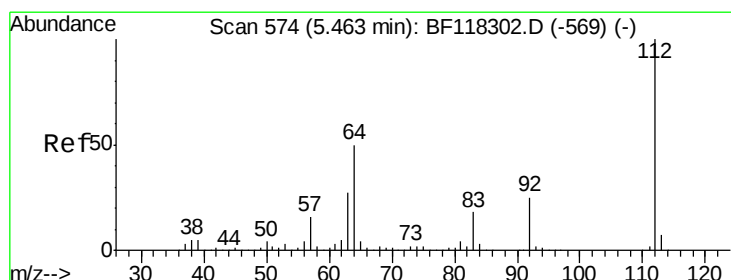
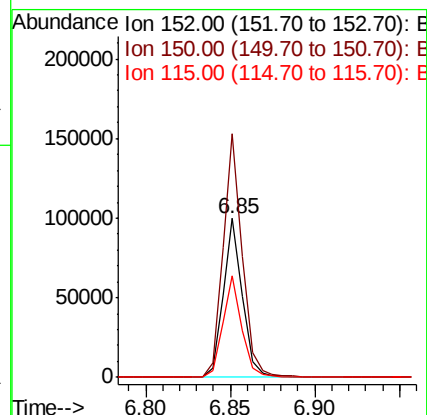
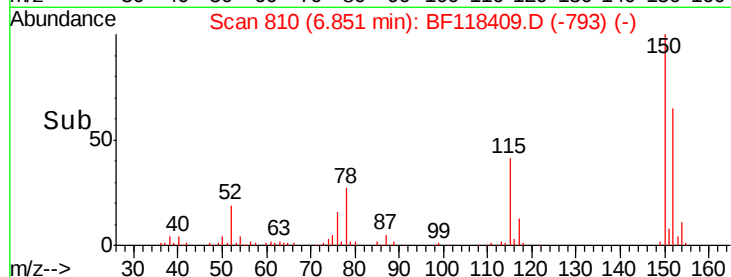


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 73.252 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF118409.D

Acq: 31 Dec 2019 17:02

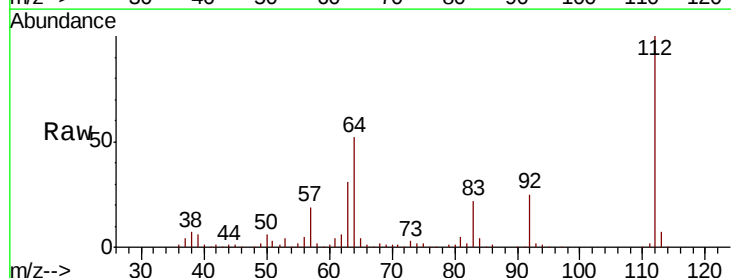
Tgt Ion:112 Resp: 341294

Ion Ratio Lower Upper

112 100

64 51.9 39.7 59.5

63 30.8 21.7 32.5

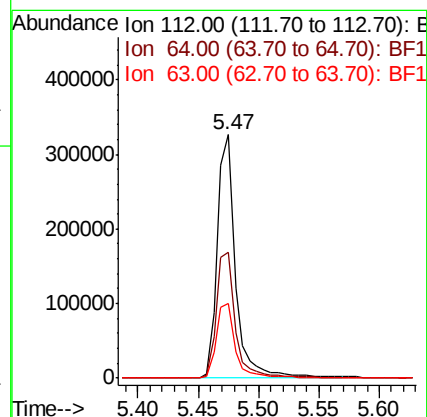
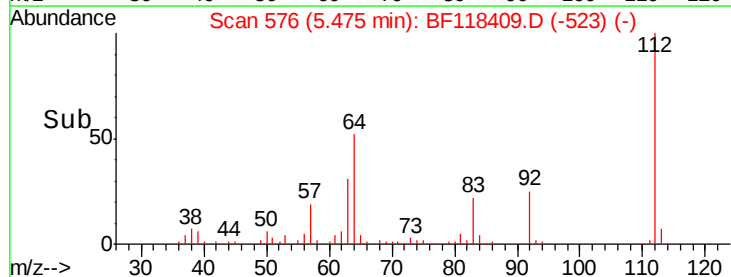


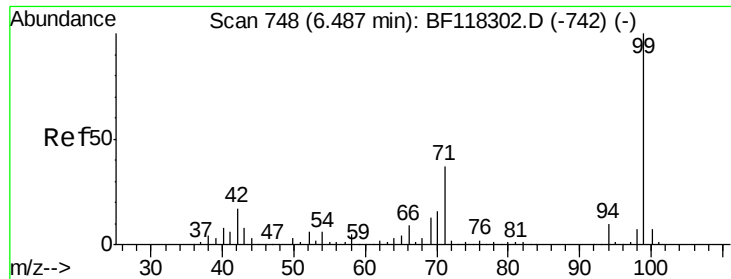
Abundance

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: 82.428 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118409.D

Acq: 31 Dec 2019 17:02

Instrument :

BNA_F

ClientSampleId :

GP-4-(3-5)

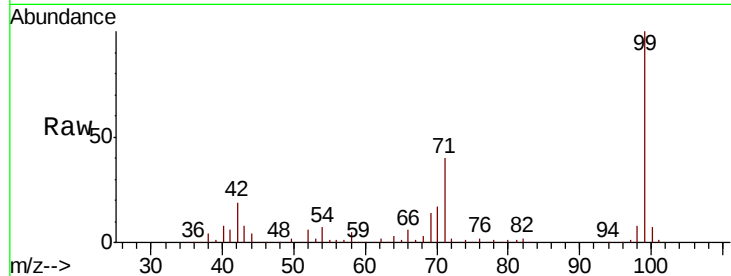
Tot Ion: 99 Resp: 476424

Ion Ratio Lower Upper

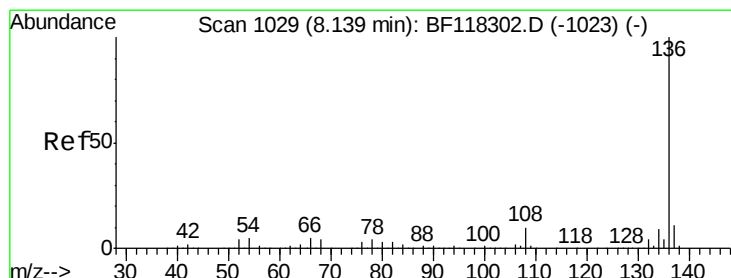
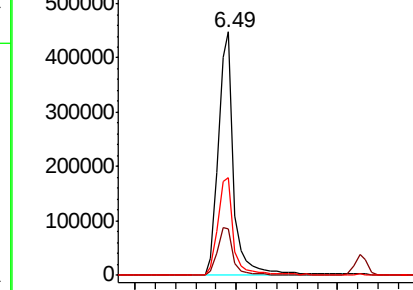
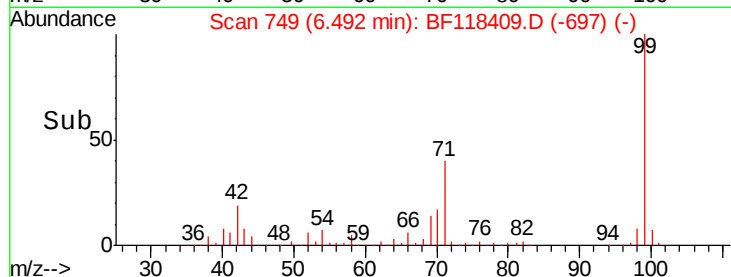
99 100

42 19.0 13.5 20.3

71 40.0 29.4 44.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF118409.D

Acq: 31 Dec 2019 17:02

Tgt Ion: 136 Resp: 322712

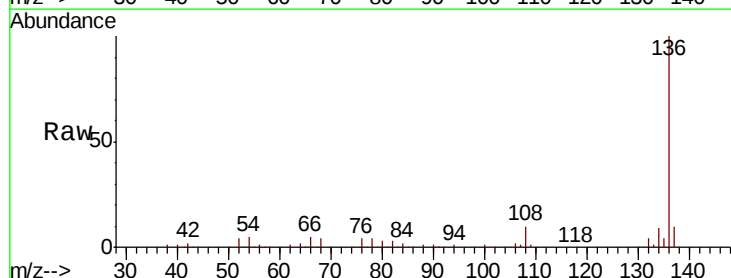
Ion Ratio Lower Upper

136 100

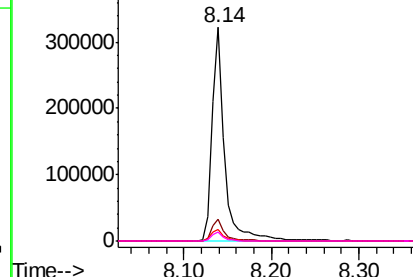
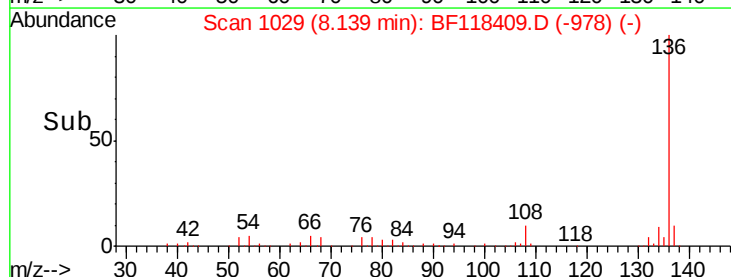
137 10.4 8.9 13.3

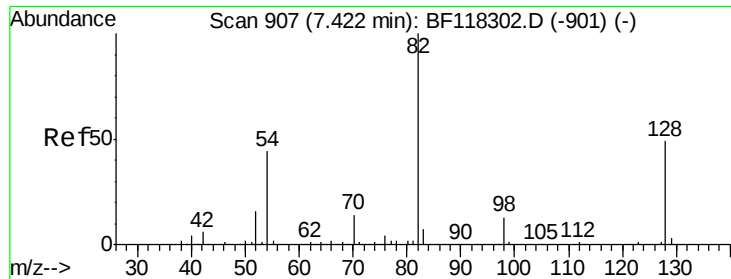
54 5.4 4.2 6.4

68 4.0 3.5 5.3



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

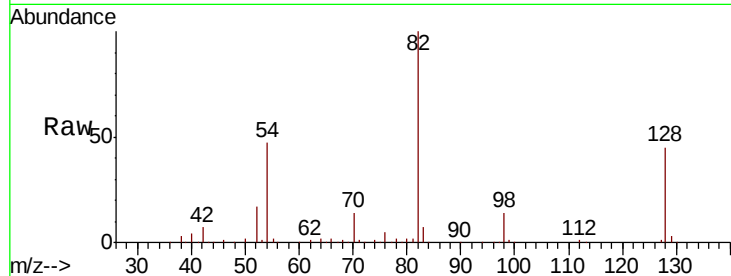




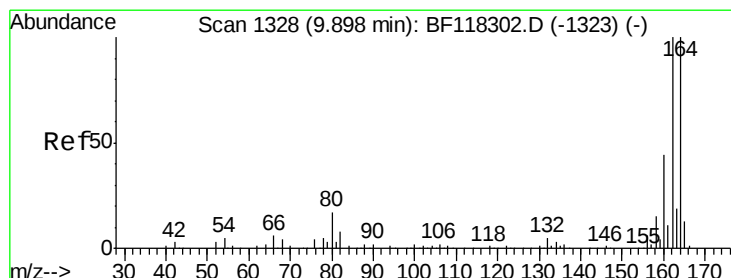
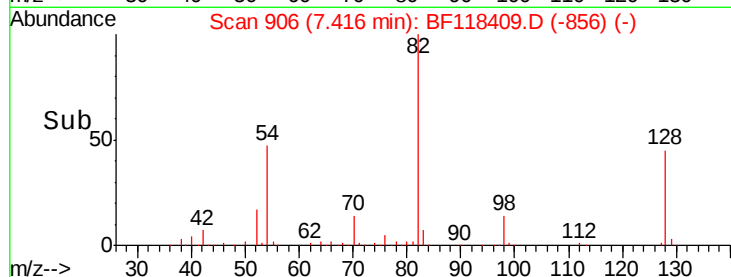
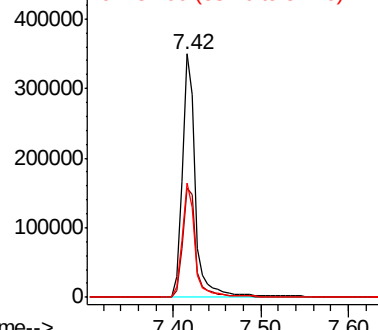
#23
 Nitrobenzene-d5
 Concen: 65.254 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118409.D
 Acq: 31 Dec 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 GP-4-(3-5)

Tot Ion: 82 Resp: 368182
 Ion Ratio Lower Upper
 82 100
 128 44.9 39.6 59.4
 54 47.2 34.9 52.3

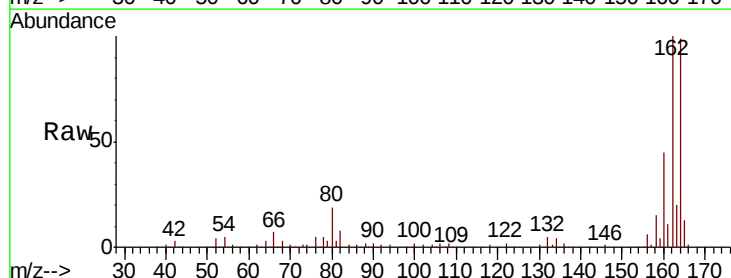


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

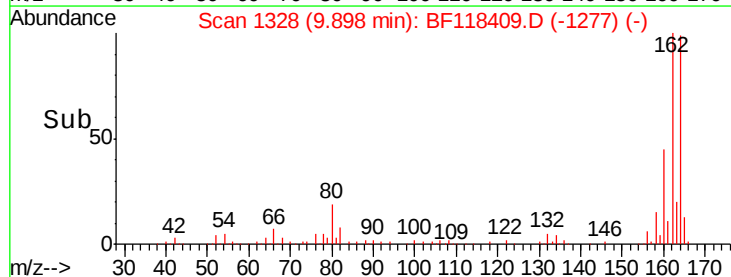
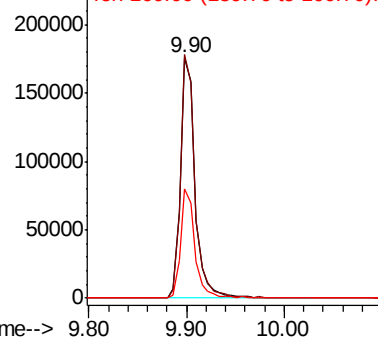


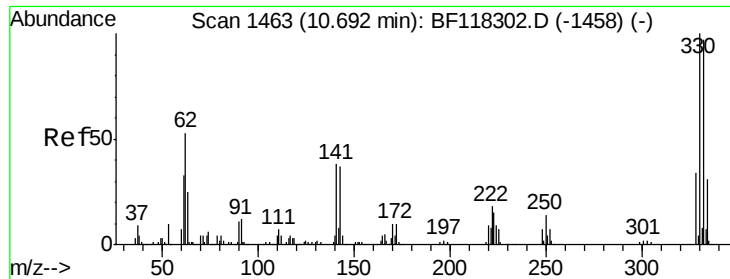
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF118409.D
 Acq: 31 Dec 2019 17:02

Tgt Ion: 164 Resp: 181904
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.0 120.0
 160 45.5 34.8 52.2



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

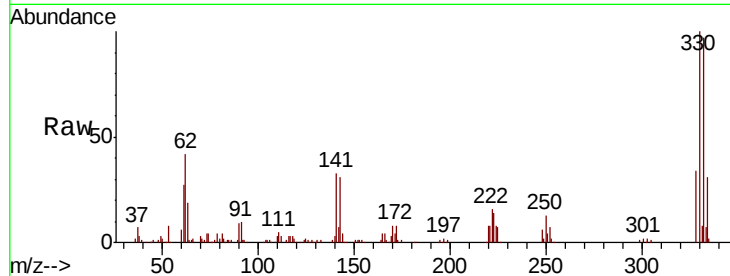




#42
 2,4,6-Tribromophenol
 Concen: 96.731 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF118409.D
 Acq: 31 Dec 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 GP-4-(3-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	34.9	26.0	39.0

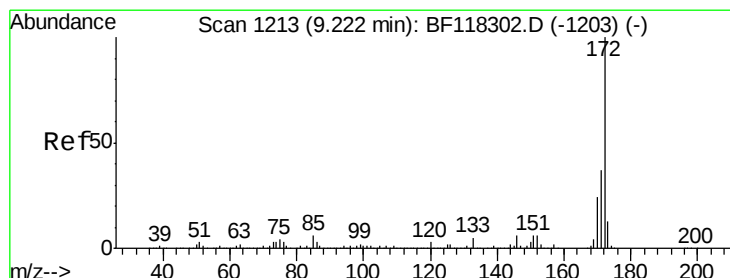
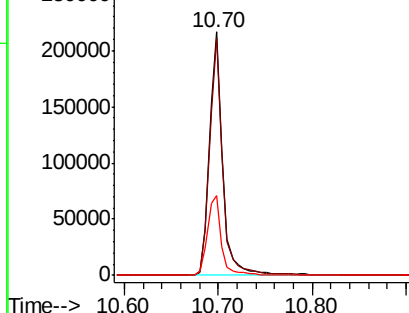
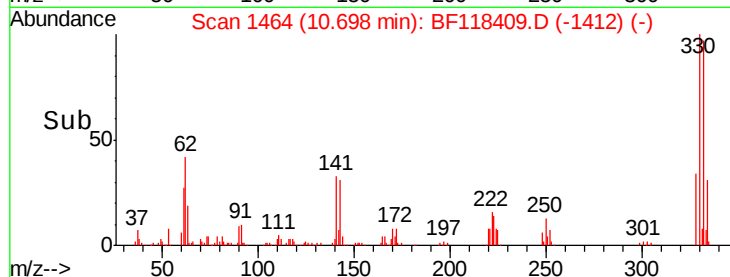


Abundance

Ion 329.80 (329.50 to 330.50): E

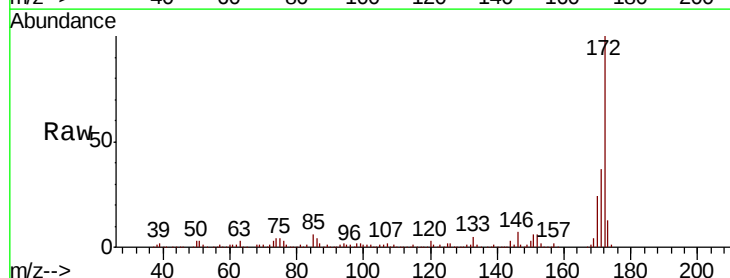
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 64.038 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118409.D
 Acq: 31 Dec 2019 17:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.3	43.9
170	23.8	19.2	28.8

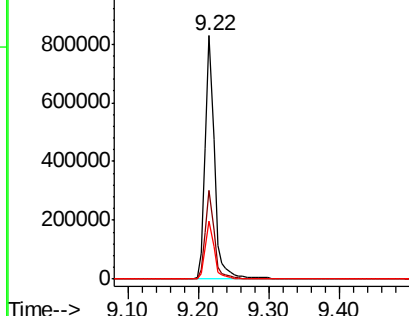
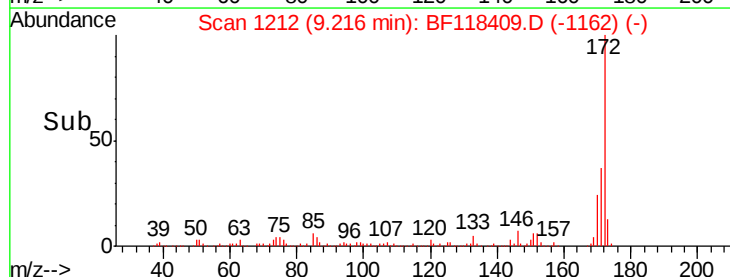


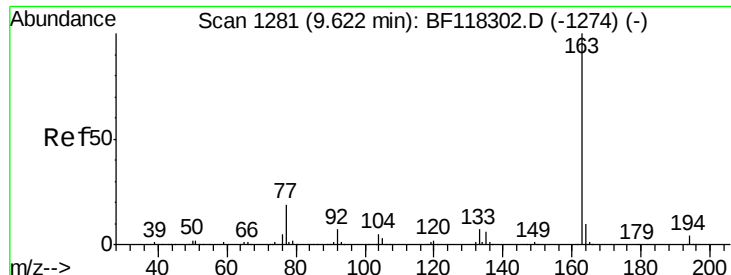
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

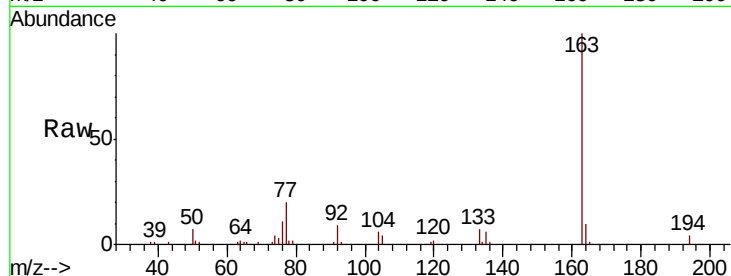




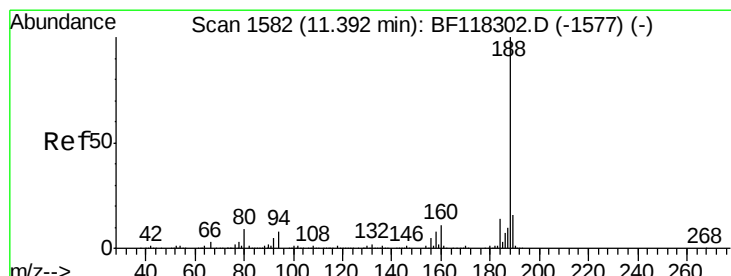
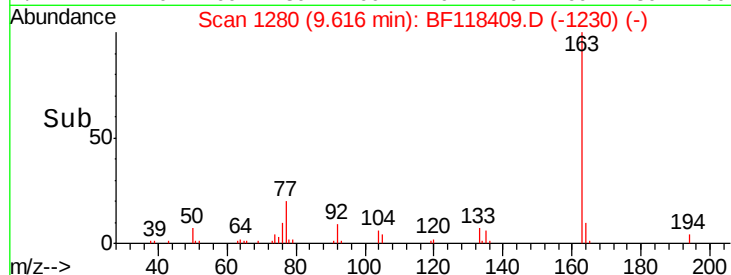
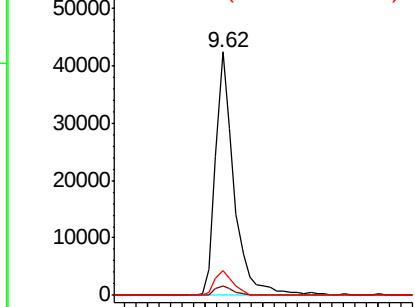
#50
Dimethylphthalate
Concen: 3.461 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF118409.D
Acq: 31 Dec 2019 17:02

Instrument :
BNA_F
ClientSampleId :
GP-4-(3-5)

Tot Ion:163 Resp: 47264
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 7.9 11.9

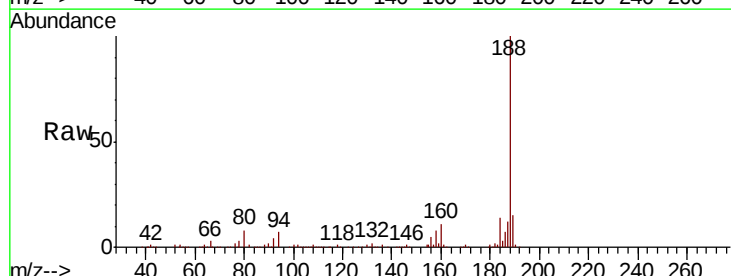


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

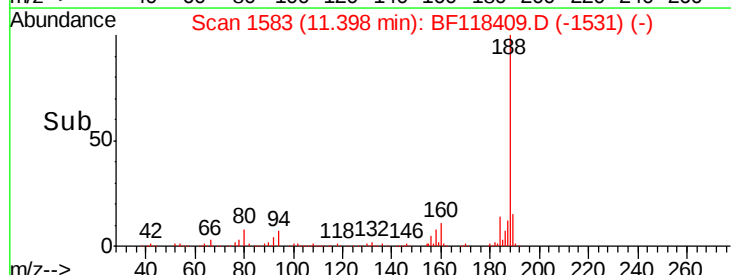
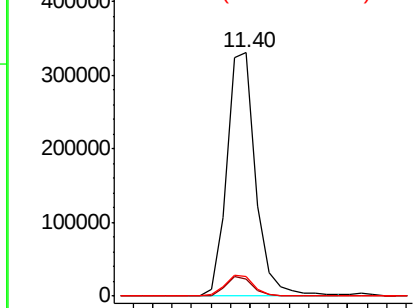


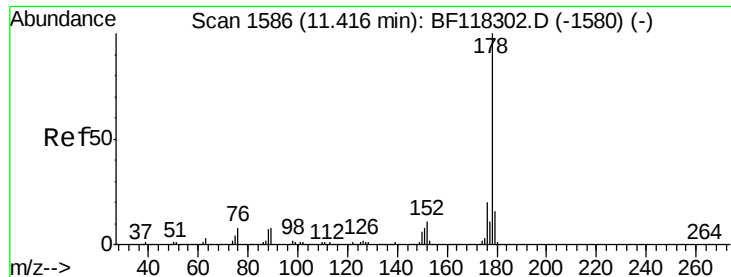
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118409.D
Acq: 31 Dec 2019 17:02

Tgt Ion:188 Resp: 337050
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 8.1 7.2 10.8



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

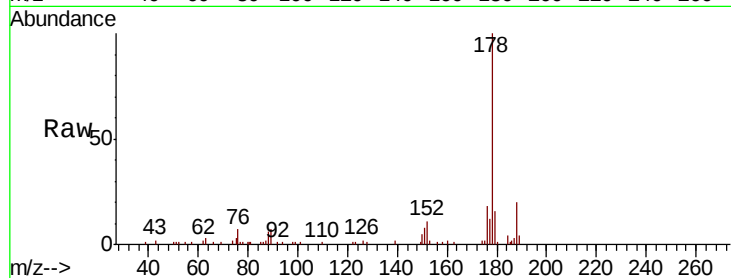




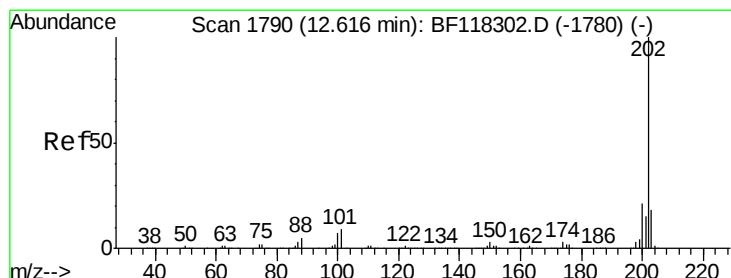
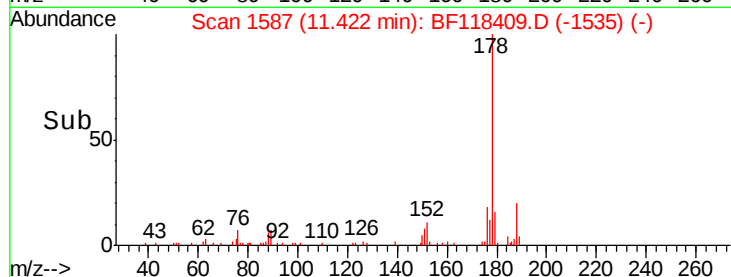
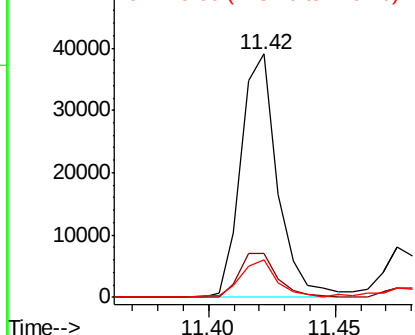
#71
Phenanthrene
Concen: 2.138 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118409.D
Acq: 31 Dec 2019 17:02

Instrument :
BNA_F
ClientSampled :
GP-4-(3-5)

Tot Ion:178 Resp: 39288
Ion Ratio Lower Upper
178 100
176 18.2 15.6 23.4
179 15.7 12.6 19.0

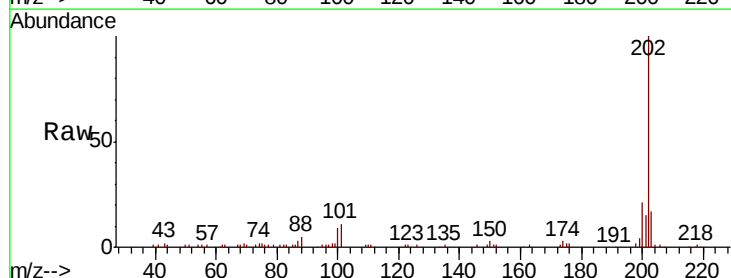


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

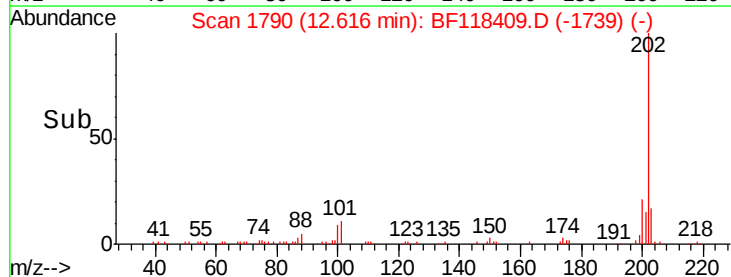
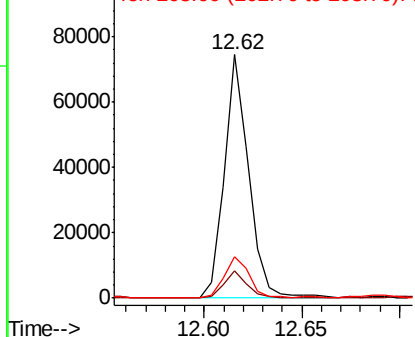


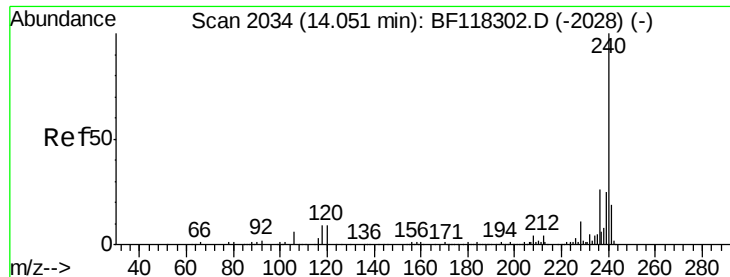
#75
Fluoranthene
Concen: 3.484 ng
RT: 12.62 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BF118409.D
Acq: 31 Dec 2019 17:02

Tgt Ion:202 Resp: 64604
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.5
203 17.0 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

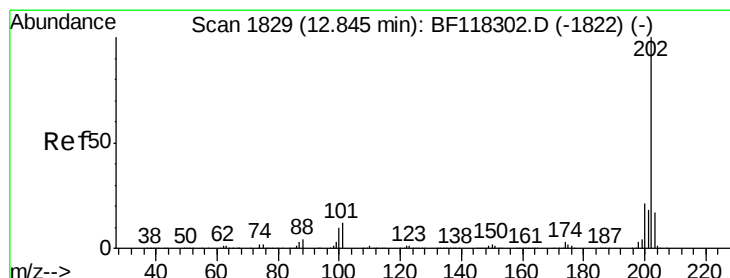
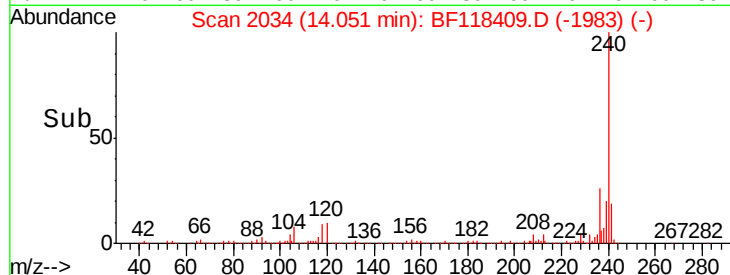
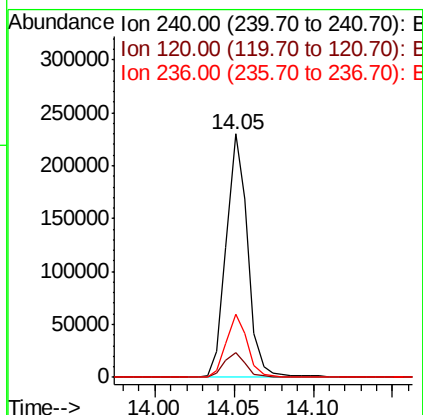
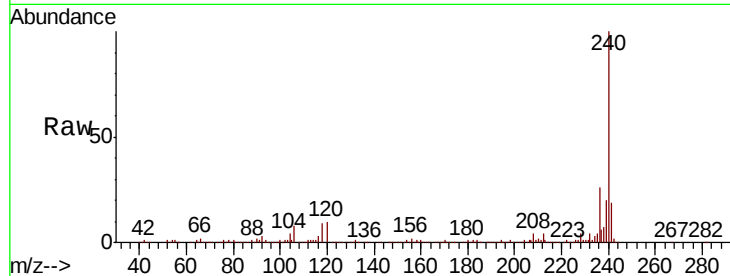




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF118409.D
 Acq: 31 Dec 2019 17:02

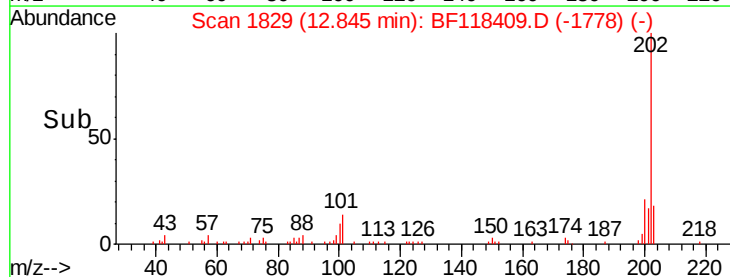
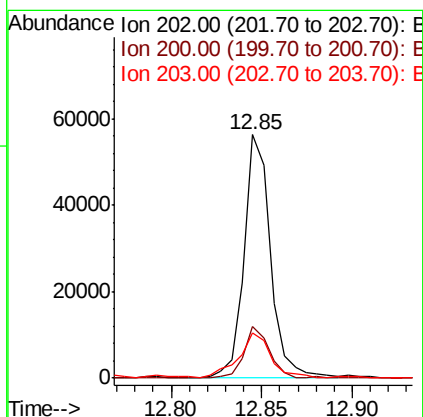
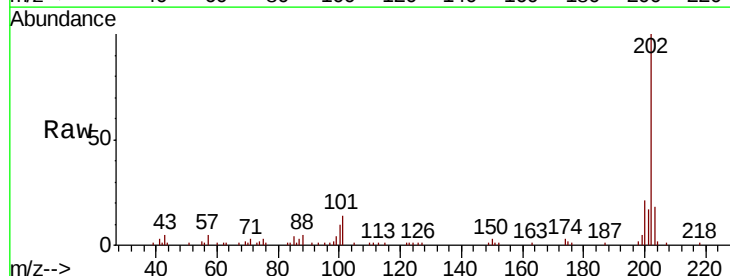
Instrument :
 BNA_F
 ClientSampleId :
 GP-4-(3-5)

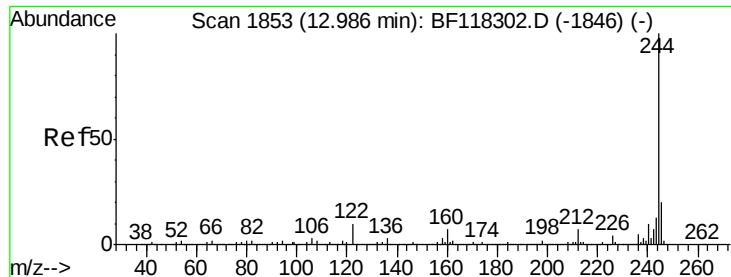
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.1	10.7
236	26.1	21.0	31.6



#78
 Pyrene
 Concen: 3.232 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BF118409.D
 Acq: 31 Dec 2019 17:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	18.3	13.9	20.9





#79

Terphenyl-d14

Concen: 68.802 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118409.D

Acq: 31 Dec 2019 17:02

Instrument :

BNA_F

ClientSampleId :

GP-4-(3-5)

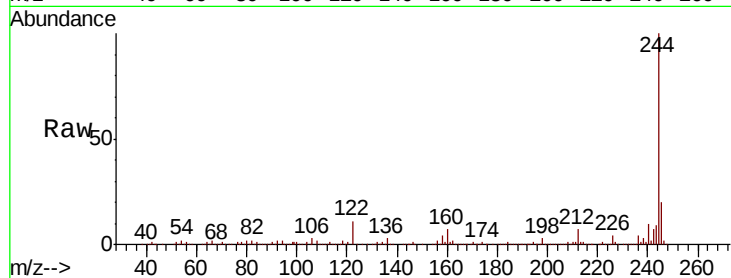
Tot Ion:244 Resp: 896610

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

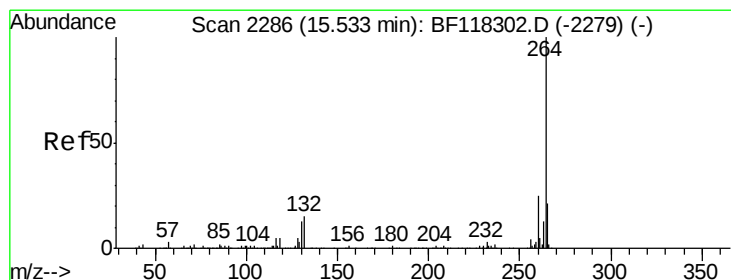
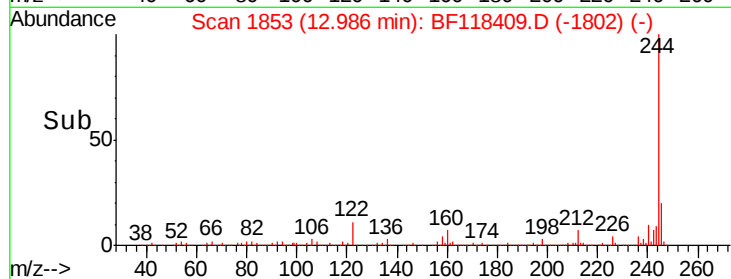
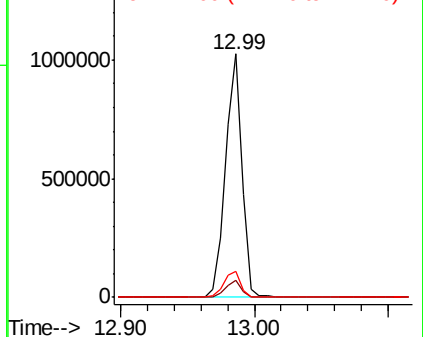
122 10.7 7.8 11.8



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.01 min

Lab File: BF118409.D

Acq: 31 Dec 2019 17:02

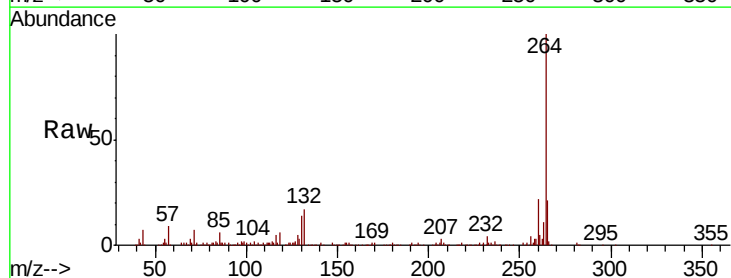
Tgt Ion:264 Resp: 228934

Ion Ratio Lower Upper

264 100

260 22.5 19.8 29.6

265 21.0 17.0 25.4



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

