

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116155.D
 Acq On : 10 Aug 2019 18:07
 Operator : HP/JU
 Sample : K4294-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3425

Quant Time: Aug 12 02:20:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

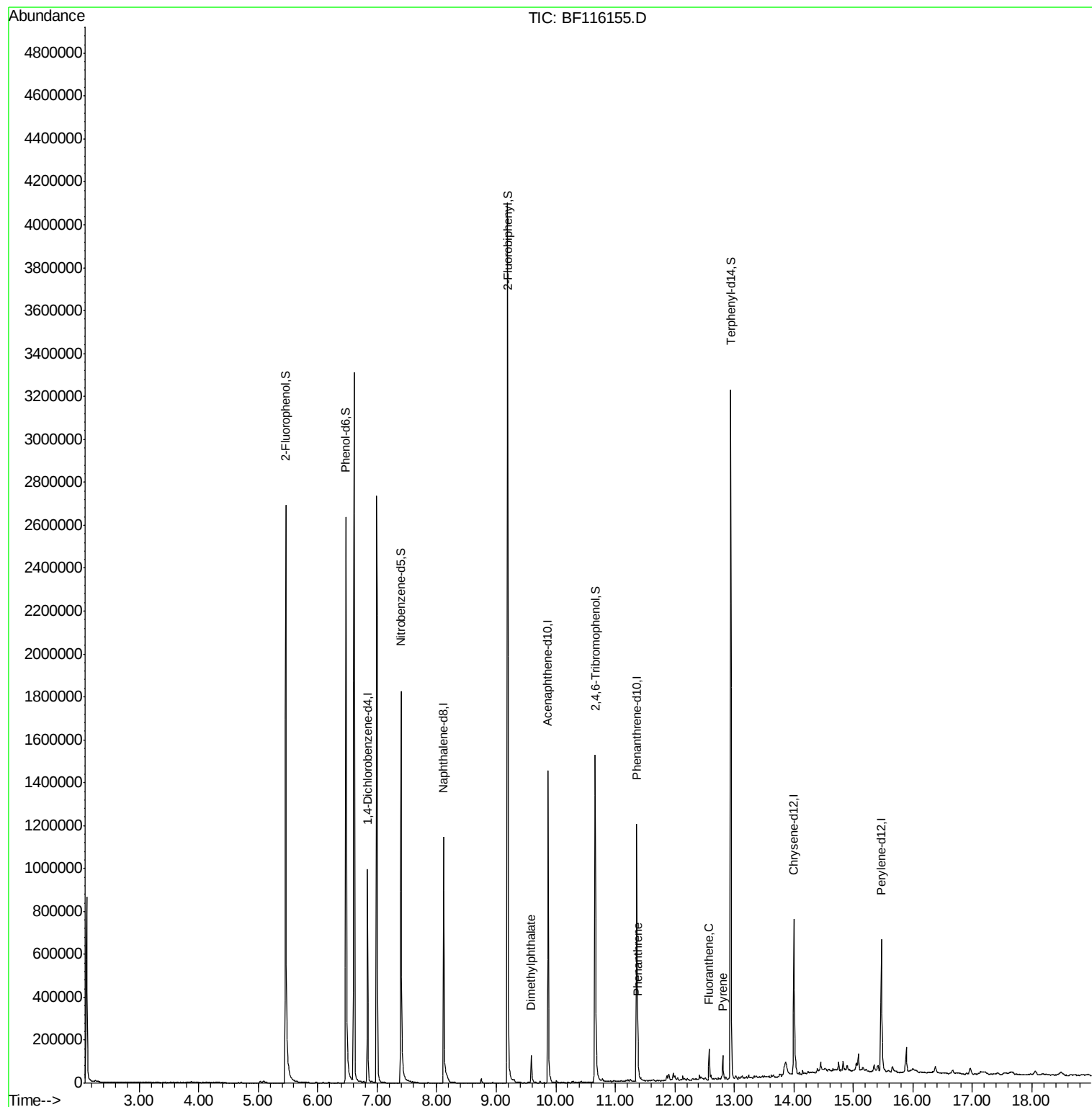
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	160263	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	629026	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	315470	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	489527	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	283611	20.00	ng	0.00
87) Perylene-d12	15.47	264	335415	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	889936	92.96	ng	0.00
7) Phenol-d6	6.47	99	1160543	96.08	ng	-0.01
23) Nitrobenzene-d5	7.40	82	769393	70.60	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	234464	76.66	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1336610	79.36	ng	-0.01
79) Terphenyl-d14	12.94	244	1096764	81.49	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	76431	3.558	ng	99
71) Phenanthrene	11.38	178	50899	2.034	ng	99
75) Fluoranthene	12.57	202	62228	2.375	ng	99
78) Pyrene	12.80	202	51052	2.388	ng	99

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

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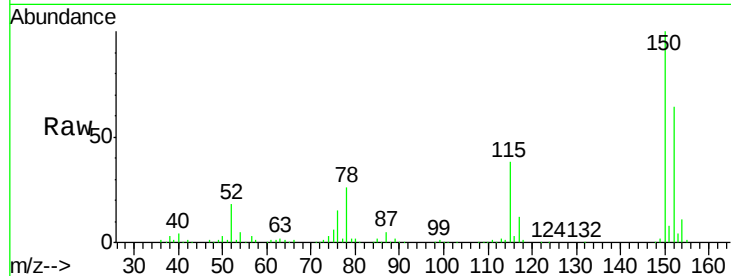


#1

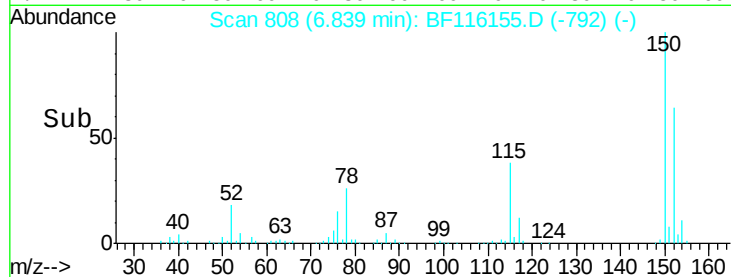
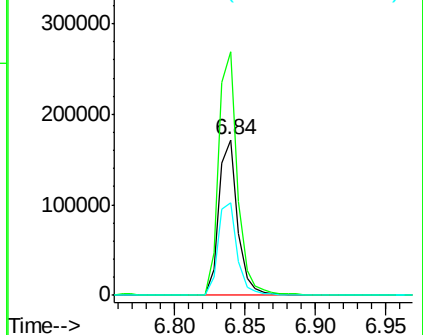
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116155.D
Acq: 10 Aug 2019 18:07

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tot Ion:152 Resp: 160263
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 59.1 49.9 74.9



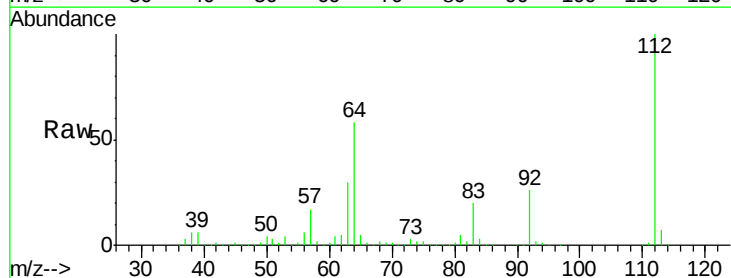
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



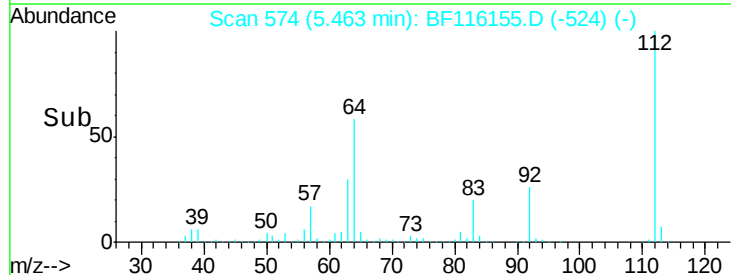
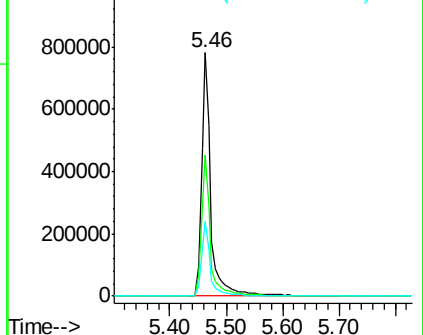
#5

2-Fluorophenol
Concen: 92.960 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116155.D
Acq: 10 Aug 2019 18:07

Tgt Ion:112 Resp: 889936
Ion Ratio Lower Upper
112 100
64 58.0 45.4 68.2
63 30.4 23.7 35.5



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: 96.084 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116155.D

Acq: 10 Aug 2019 18:07

Instrument :

BNA_F

ClientSampleId :

RT-3425

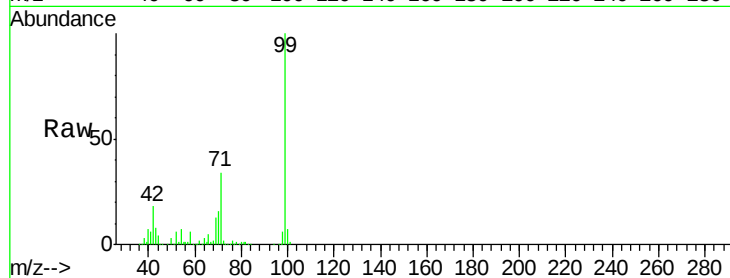
Tot Ion: 99 Resp: 1160543

Ion Ratio Lower Upper

99 100

42 17.6 13.8 20.8

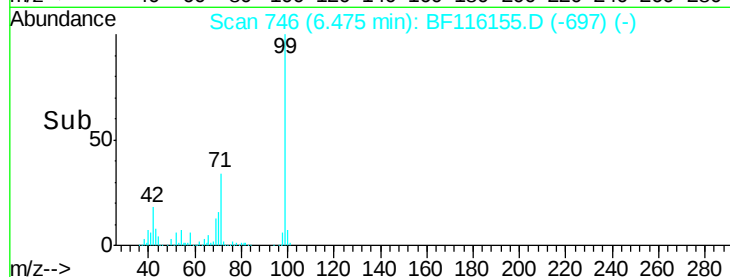
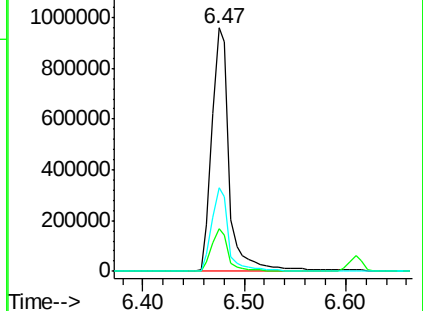
71 34.4 27.3 40.9



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116155.D

Acq: 10 Aug 2019 18:07

Tgt Ion: 136 Resp: 629026

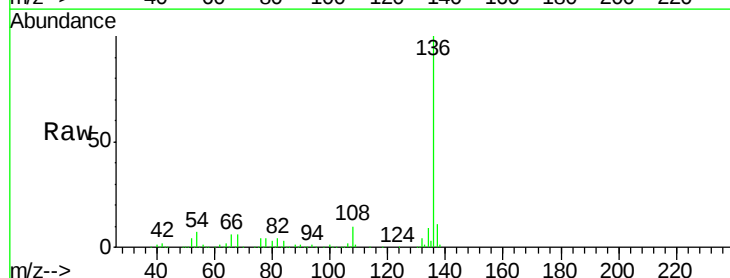
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.2 5.8 8.6

68 6.4 5.2 7.8

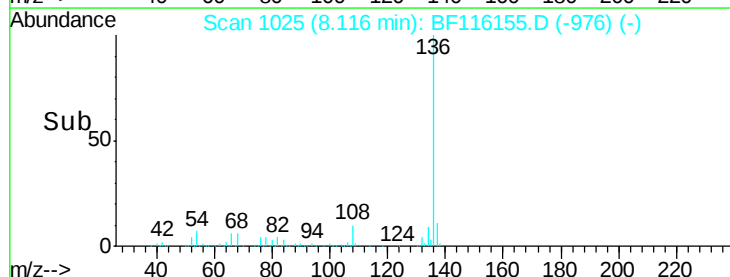
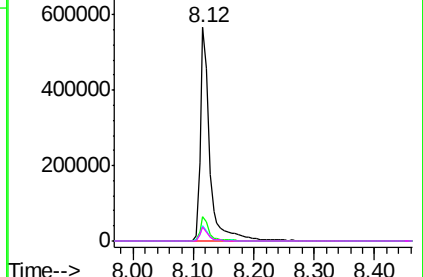


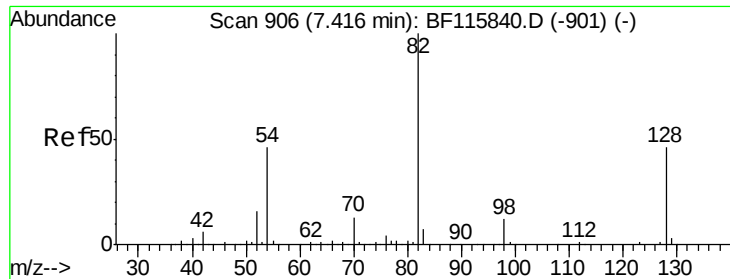
Abundance Ion 136.00 (135.70 to 136.70): E

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

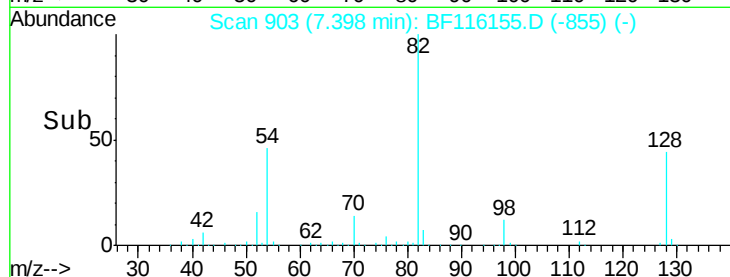
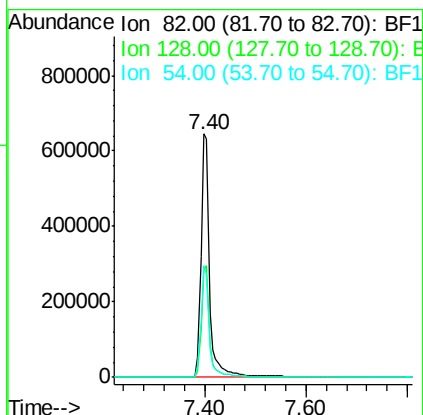
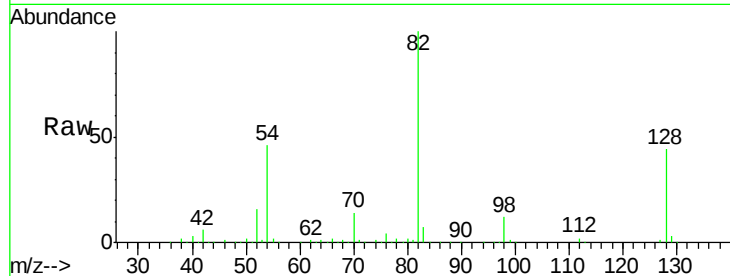




#23
 Nitrobenzene-d5
 Concen: 70.604 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116155.D
 Acq: 10 Aug 2019 18:07

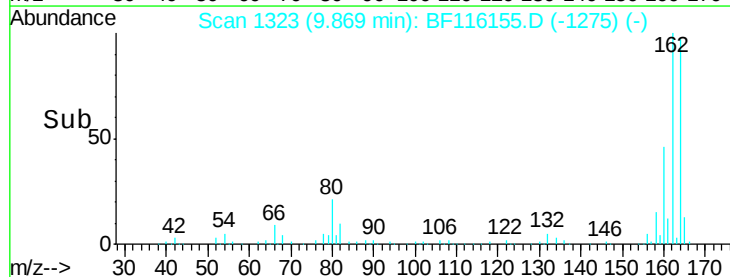
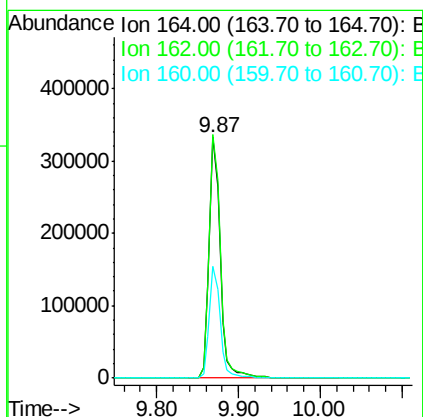
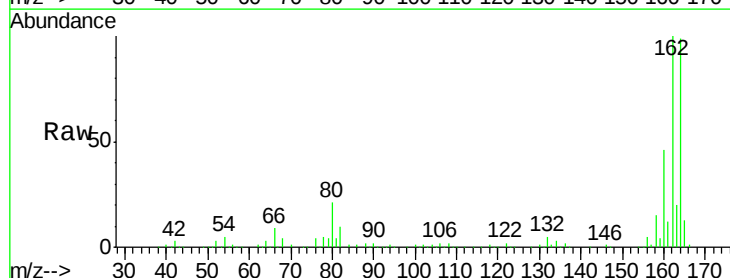
Instrument :
 BNA_F
 ClientSampleId :
 RT-3425

Tot Ion: 82 Resp: 769393
 Ion Ratio Lower Upper
 82 100
 128 43.9 36.5 54.7
 54 46.1 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116155.D
 Acq: 10 Aug 2019 18:07

Tgt Ion: 164 Resp: 315470
 Ion Ratio Lower Upper
 164 100
 162 101.0 82.6 124.0
 160 46.4 37.6 56.4

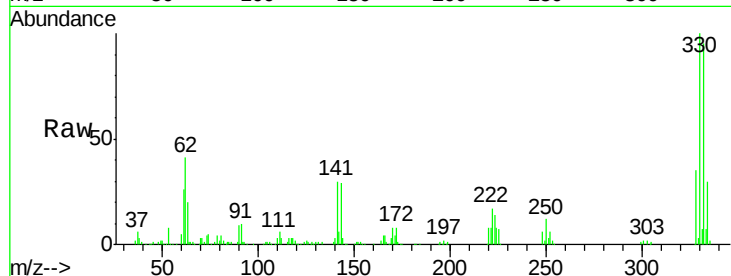




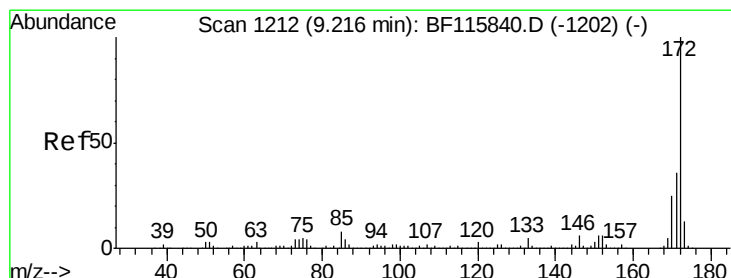
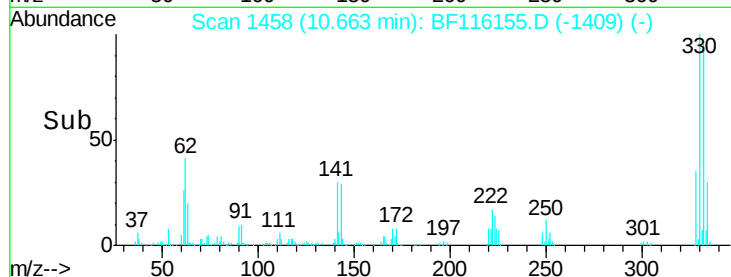
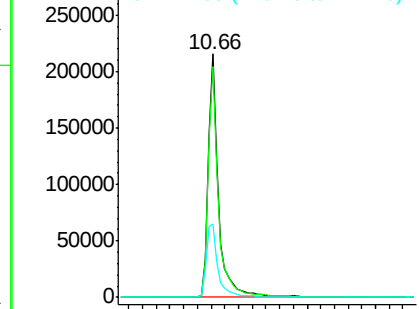
#42
 2,4,6-Tribromophenol
 Concen: 76.658 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116155.D
 Acq: 10 Aug 2019 18:07

Instrument :
 BNA_F
 ClientSampleId :
 RT-3425

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.8	115.2
141	35.0	26.3	39.5

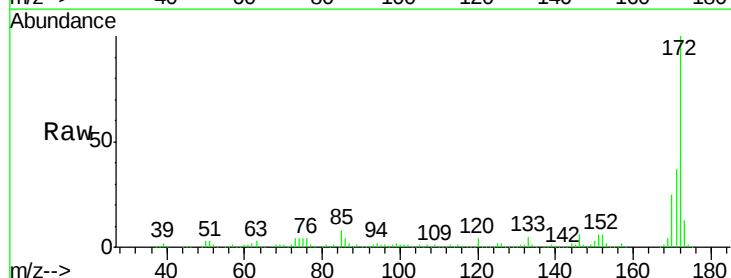


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

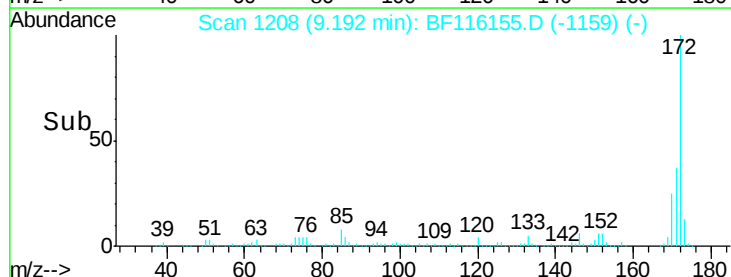
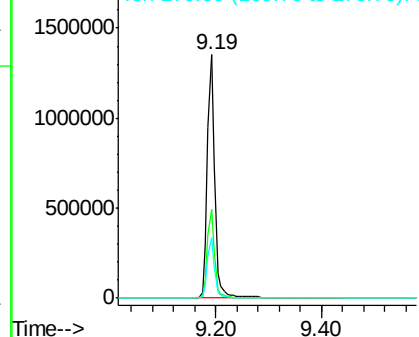


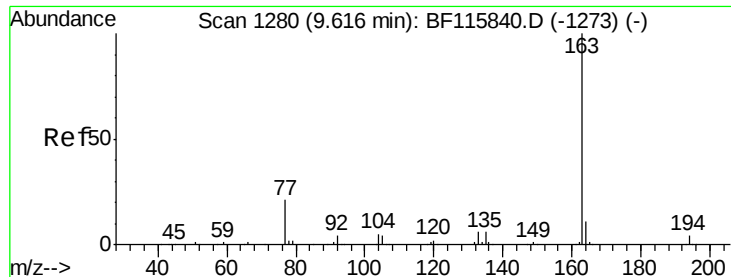
#45
 2-Fluorobiphenyl
 Concen: 79.360 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116155.D
 Acq: 10 Aug 2019 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.8	20.1	30.1



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: 3.558 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116155.D

Acq: 10 Aug 2019 18:07

Instrument :

BNA_F

ClientSampleId :

RT-3425

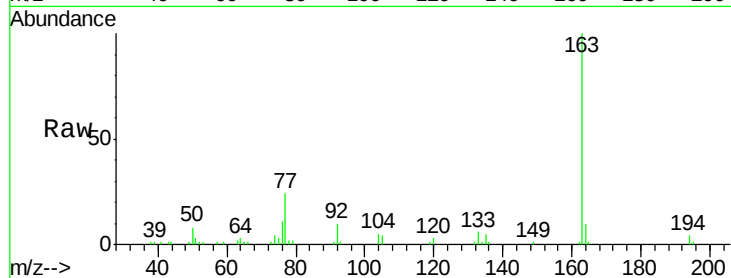
Tot Ion:163 Resp: 76431

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

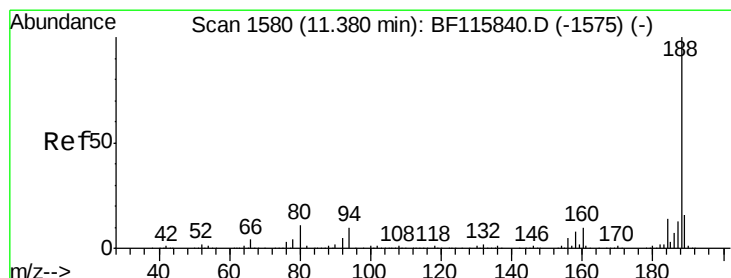
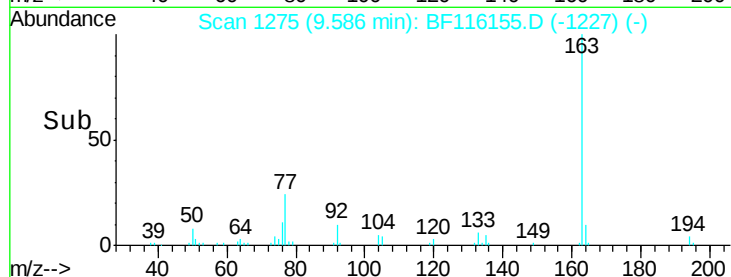
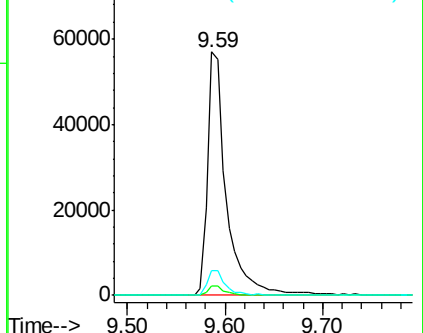
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116155.D

Acq: 10 Aug 2019 18:07

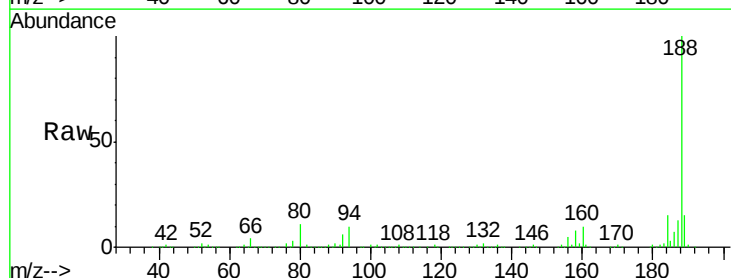
Tgt Ion:188 Resp: 489527

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

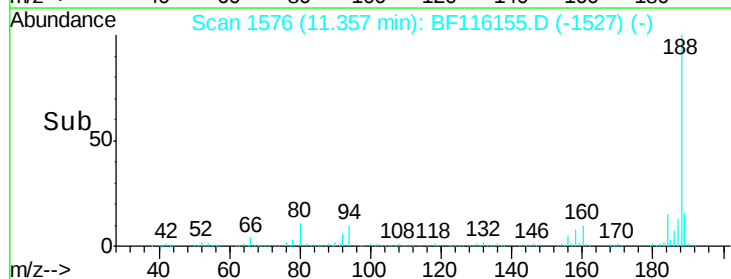
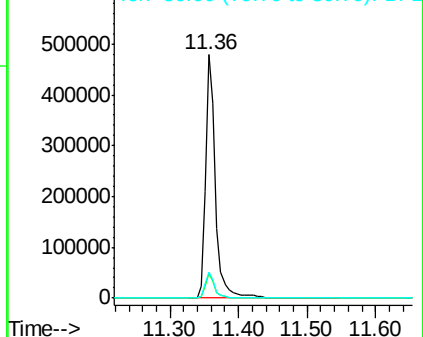
80 10.9 8.7 13.1

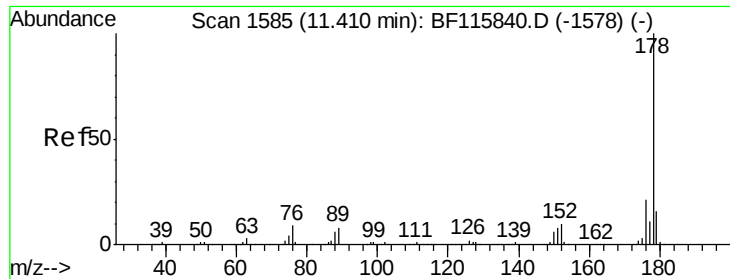


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 2.034 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF116155.D

Acq: 10 Aug 2019 18:07

Instrument :

BNA_F

ClientSampleId :

RT-3425

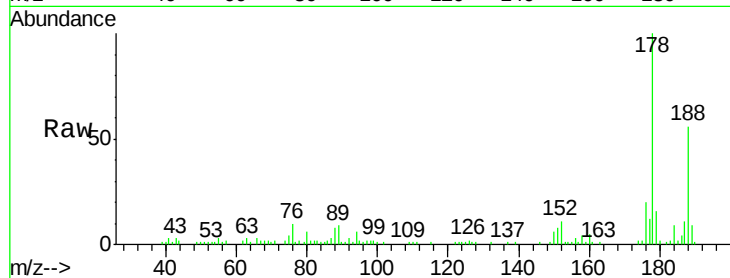
Tot Ion:178 Resp: 50899

Ion Ratio Lower Upper

178 100

176 19.9 16.6 24.8

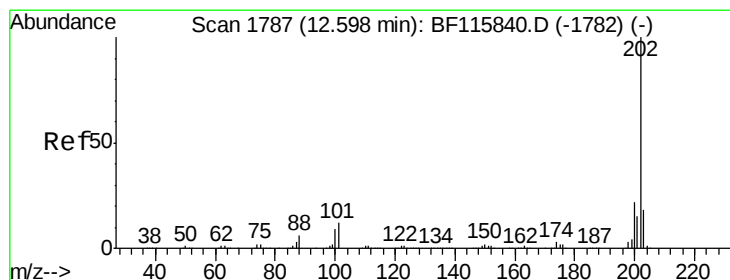
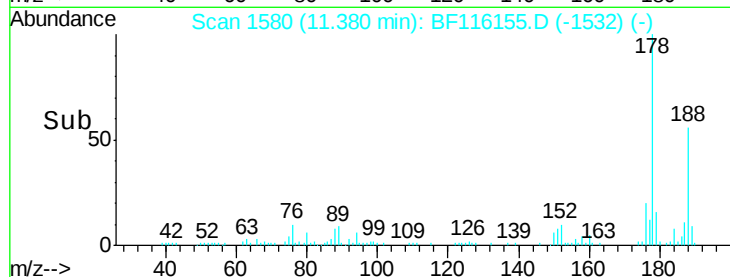
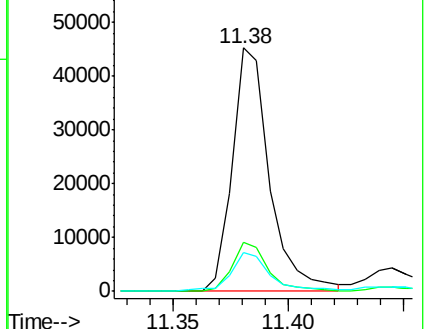
179 15.7 12.5 18.7



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: 2.375 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116155.D

Acq: 10 Aug 2019 18:07

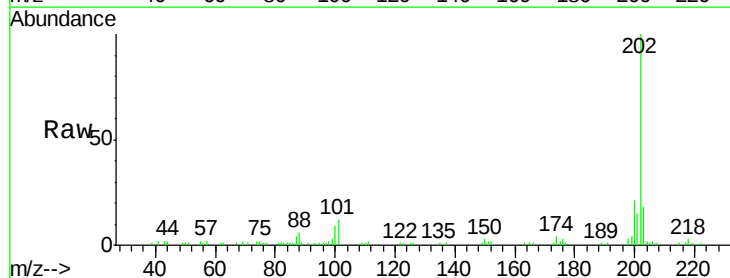
Tgt Ion:202 Resp: 62228

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.2

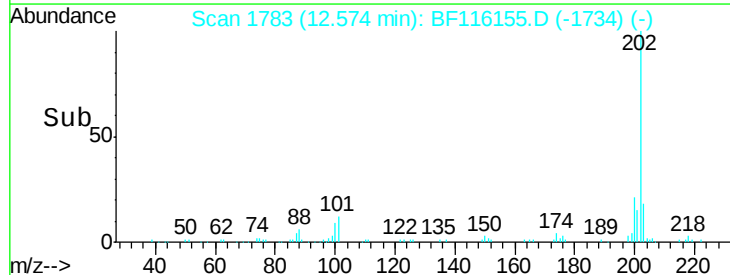
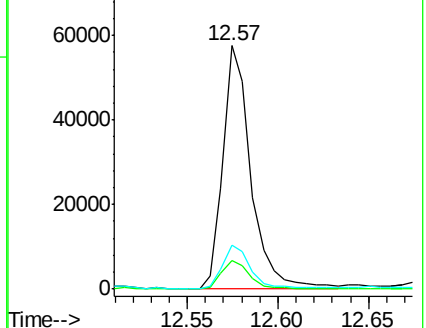
203 17.8 0.0 37.8

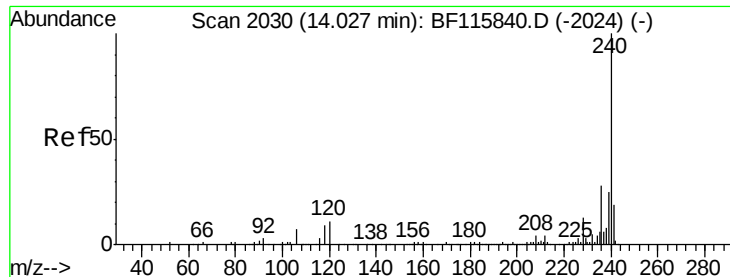


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116155.D

Acq: 10 Aug 2019 18:07

Instrument :

BNA_F

ClientSampleId :

RT-3425

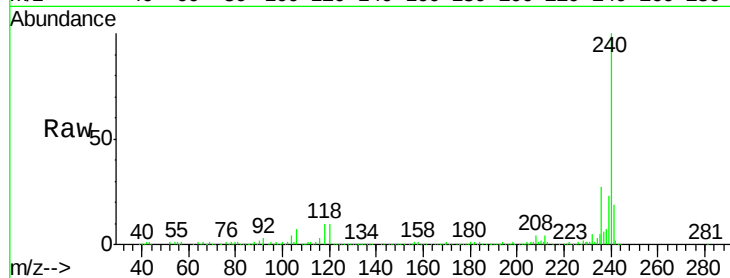
Tot Ion:240 Resp: 283611

Ion Ratio Lower Upper

240 100

120 10.4 10.7 16.1#

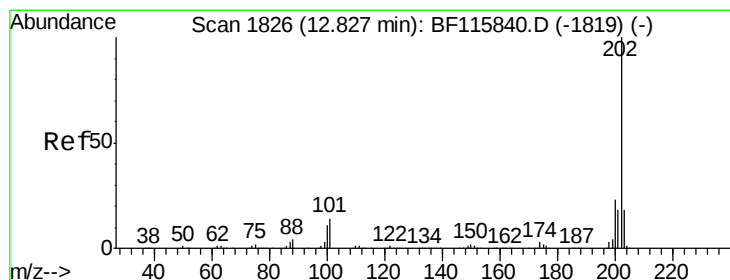
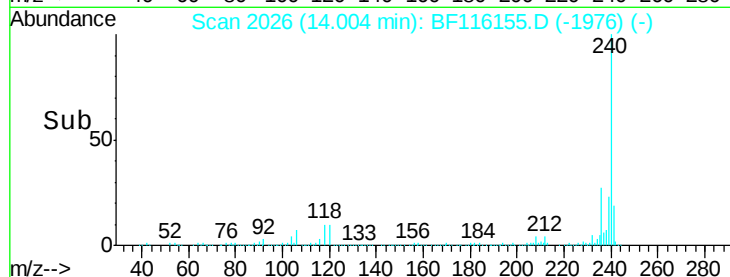
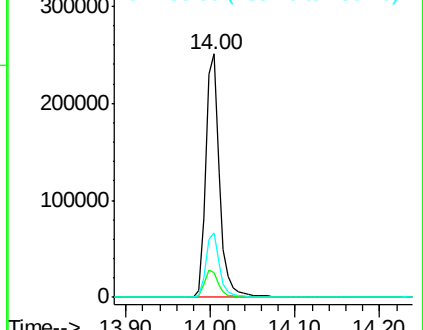
236 26.6 22.2 33.2



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: 2.388 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF116155.D

Acq: 10 Aug 2019 18:07

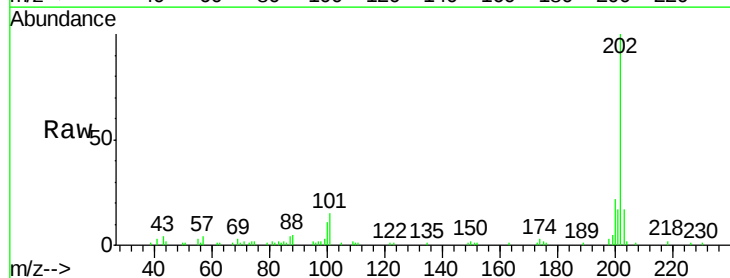
Tgt Ion:202 Resp: 51052

Ion Ratio Lower Upper

202 100

200 22.1 18.0 27.0

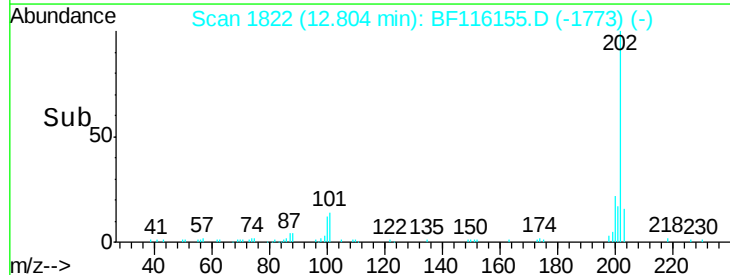
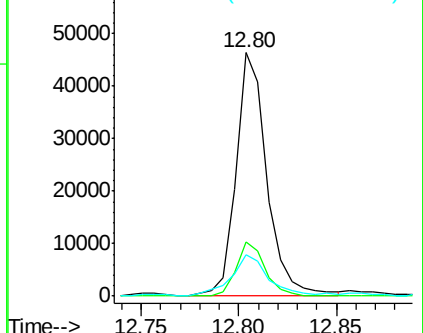
203 17.2 14.1 21.1

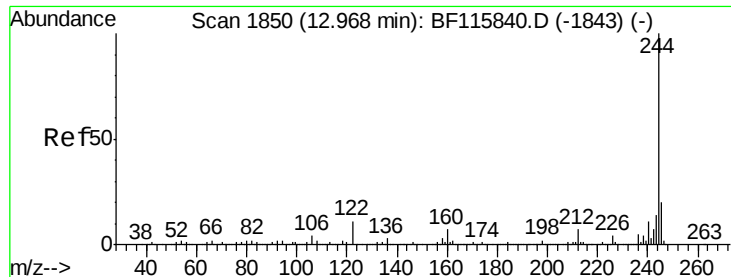


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.487 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116155.D

Acq: 10 Aug 2019 18:07

Instrument :

BNA_F

ClientSampleId :

RT-3425

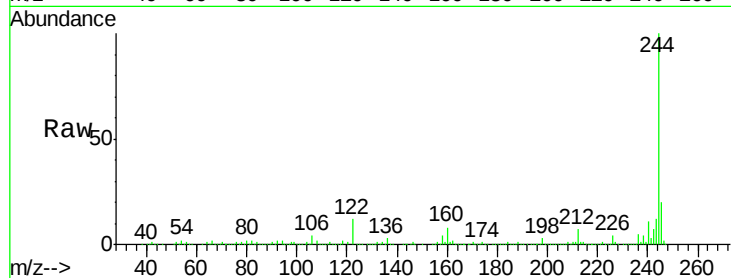
Tot Ion:244 Resp: 1096764

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

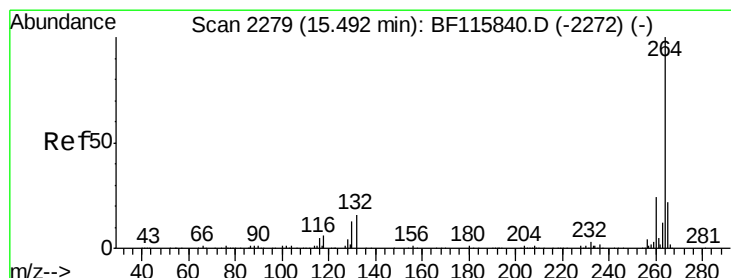
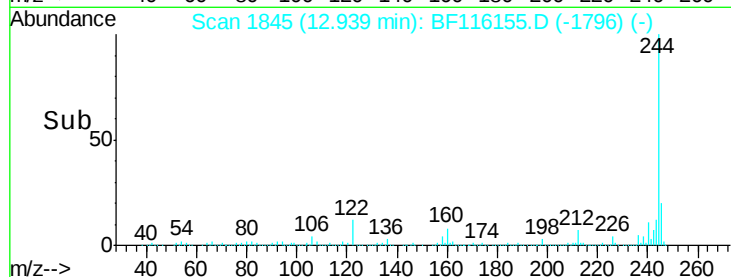
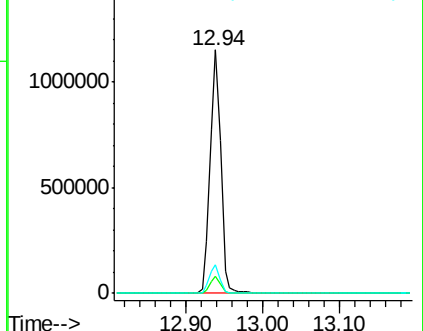
122 11.8 9.0 13.4



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116155.D

Acq: 10 Aug 2019 18:07

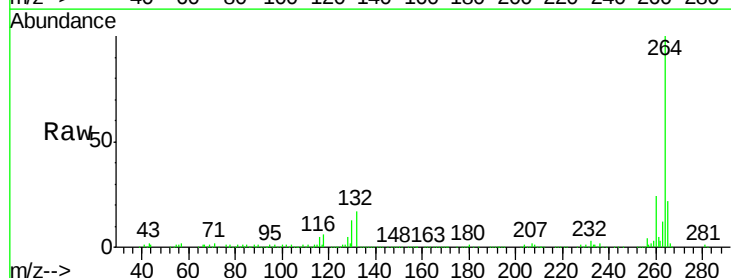
Tgt Ion:264 Resp: 335415

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

265 21.7 17.4 26.0



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

