

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
 Data File : BF116057.D
 Acq On : 7 Aug 2019 20:14
 Operator : HP/JU
 Sample : K4154-04 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-4

Quant Time: Aug 08 08:23:48 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

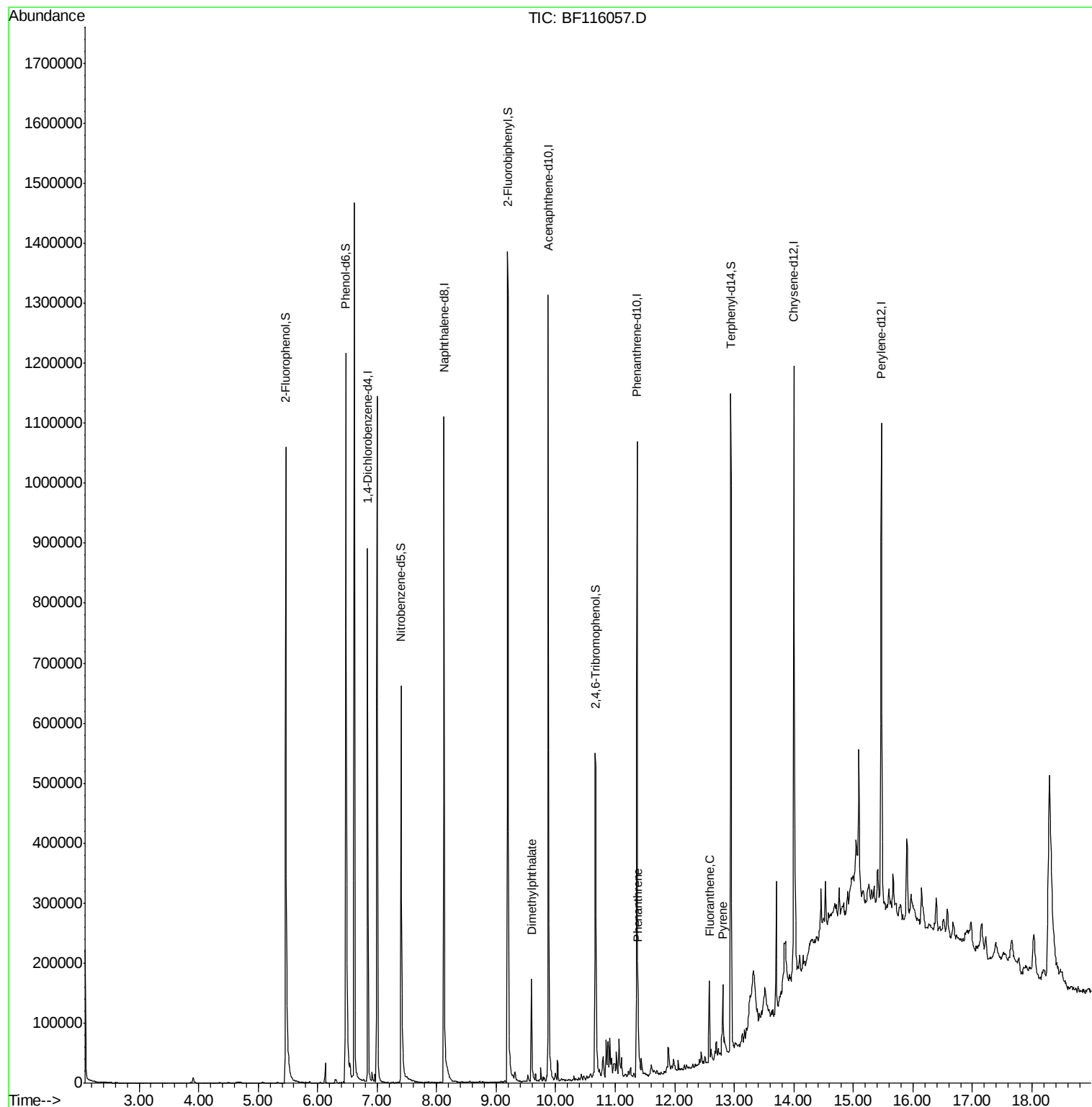
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142216	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	550339	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	266308	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	398901	20.00	ng	0.00
76) Chrysene-d12	14.00	240	322965	20.00	ng	0.00
87) Perylene-d12	15.47	264	366708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	368823	43.42	ng	0.00
7) Phenol-d6	6.47	99	494667	46.15	ng	-0.01
23) Nitrobenzene-d5	7.40	82	282256	29.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	84167	32.60	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	507784	35.71	ng	0.00
79) Terphenyl-d14	12.94	244	367295	23.96	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	86521	4.772	ng	98
71) Phenanthrene	11.39	178	43514	2.134	ng	98
75) Fluoranthene	12.58	202	62479	2.927	ng	98
78) Pyrene	12.80	202	51876	2.131	ng	99

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

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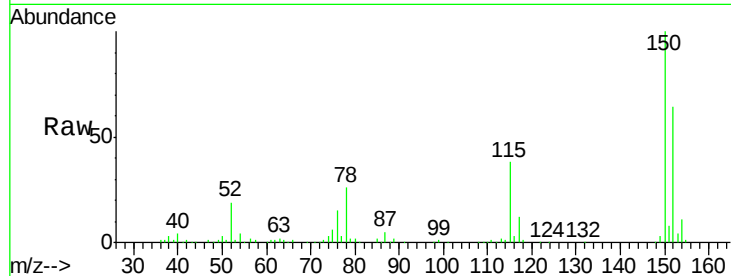


#1

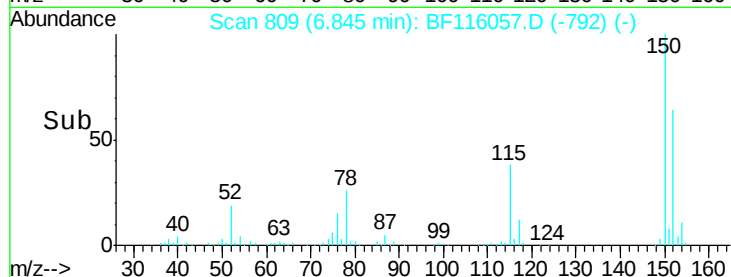
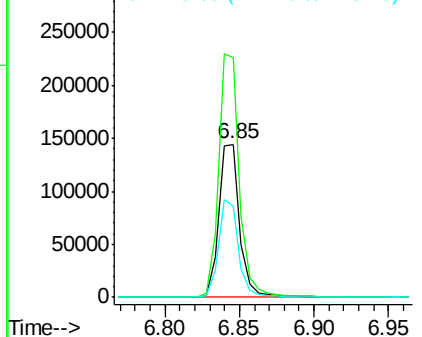
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF116057.D
Acq: 7 Aug 2019 20:14

Instrument :
BNA_F
ClientSampleId :
PS-4

Tot Ion:152 Resp: 142216
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 59.8 49.9 74.9



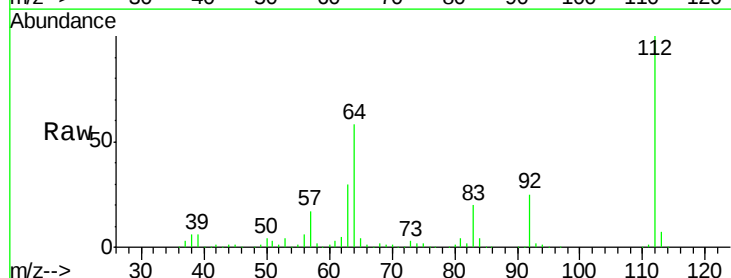
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



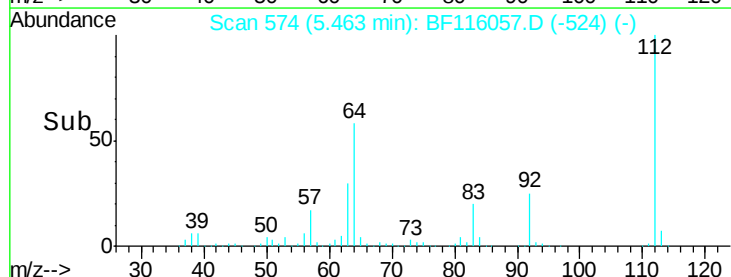
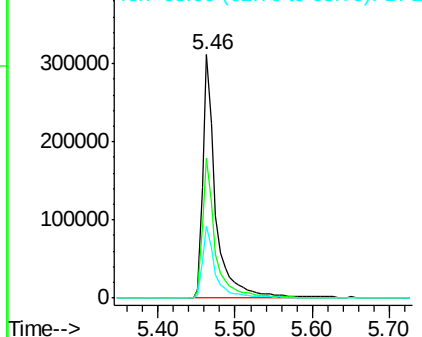
#5

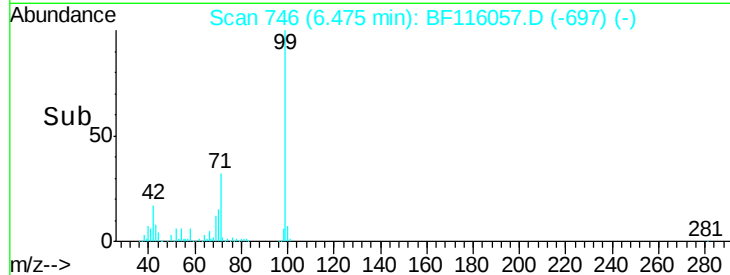
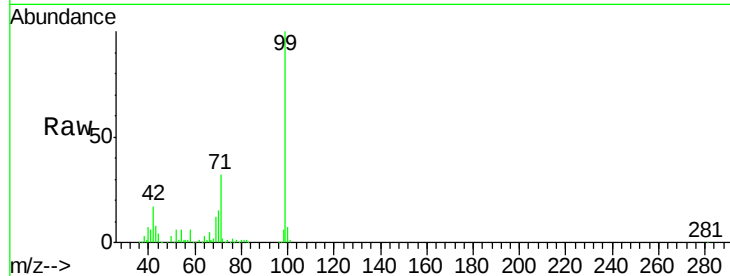
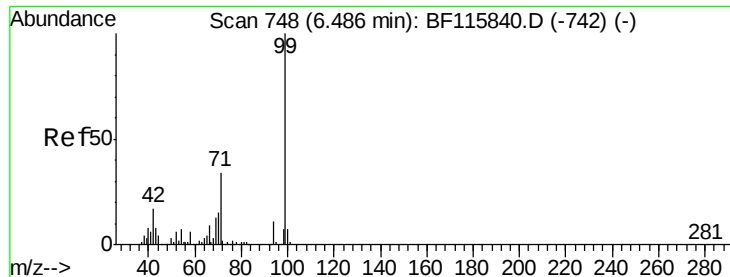
2-Fluorophenol
Concen: 43.415 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116057.D
Acq: 7 Aug 2019 20:14

Tgt Ion:112 Resp: 368823
Ion Ratio Lower Upper
112 100
64 57.6 45.4 68.2
63 29.6 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: 46.152 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116057.D

Acq: 7 Aug 2019 20:14

Instrument :

BNA_F

ClientSampleId :

PS-4

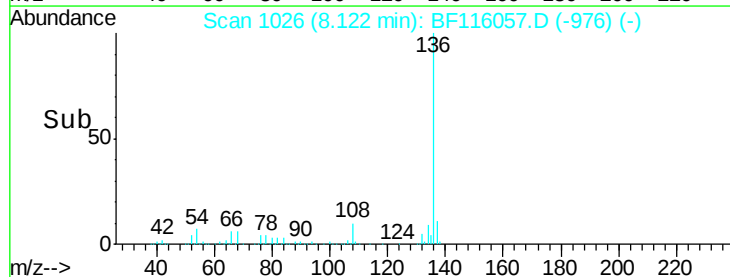
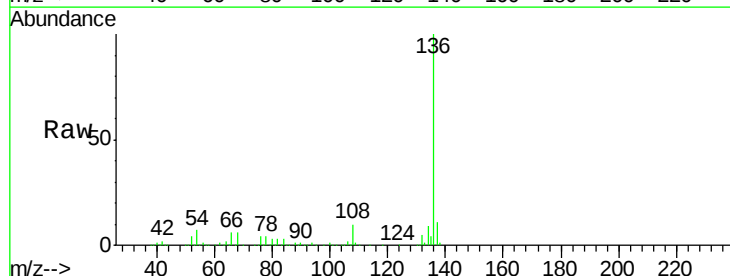
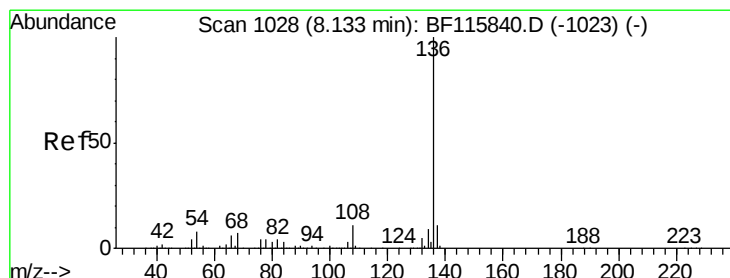
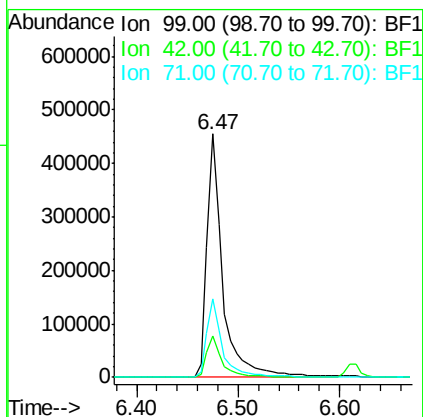
Tot Ion: 99 Resp: 494667

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.8

71 32.4 27.3 40.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116057.D

Acq: 7 Aug 2019 20:14

Tgt Ion: 136 Resp: 550339

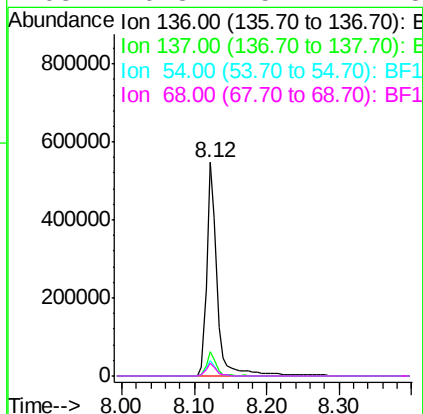
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.4 5.8 8.6

68 6.3 5.2 7.8

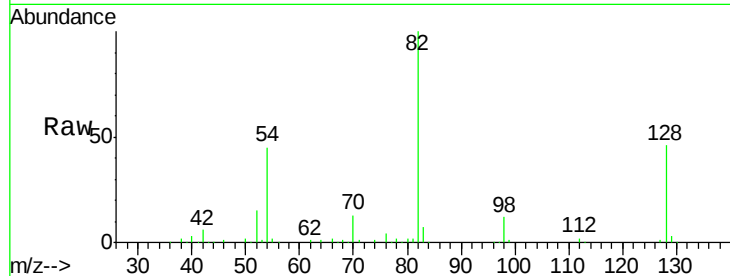




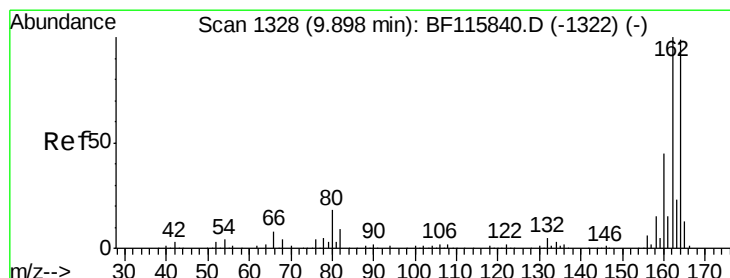
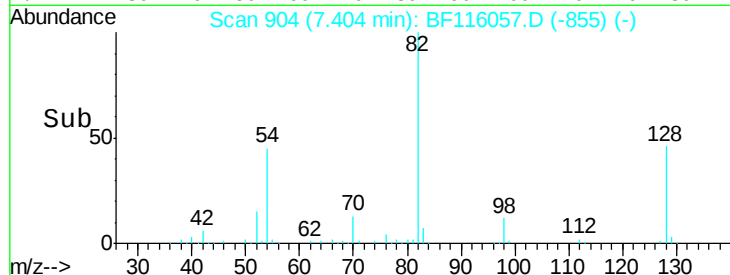
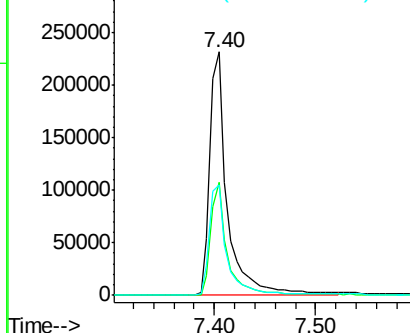
#23
 Nitrobenzene-d5
 Concen: 29.605 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116057.D
 Acq: 7 Aug 2019 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PS-4

Tot Ion: 82 Resp: 282256
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.5 54.7
 54 45.3 36.0 54.0

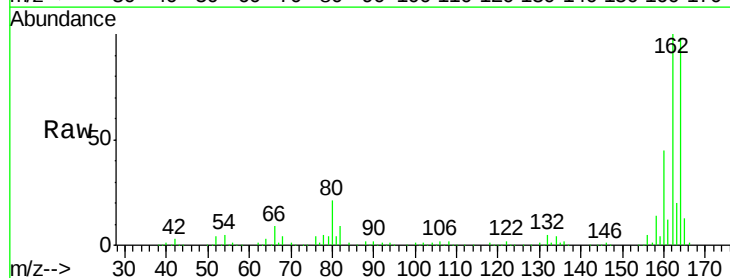


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

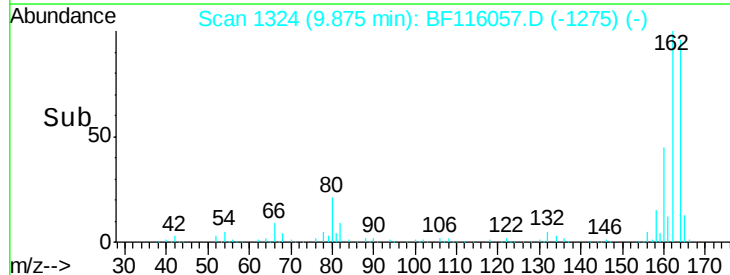
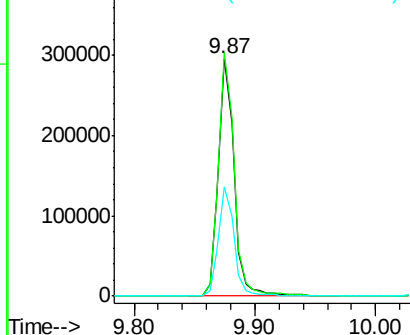


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116057.D
 Acq: 7 Aug 2019 20:14

Tgt Ion: 164 Resp: 266308
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.6 124.0
 160 46.1 37.6 56.4



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

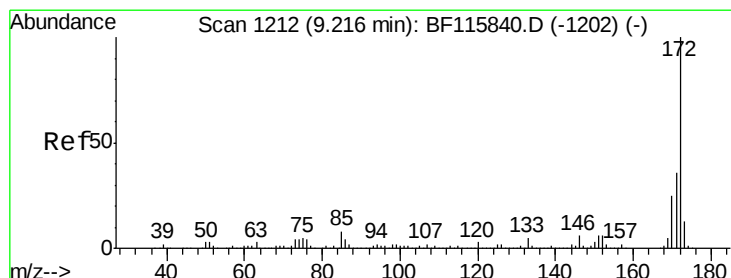
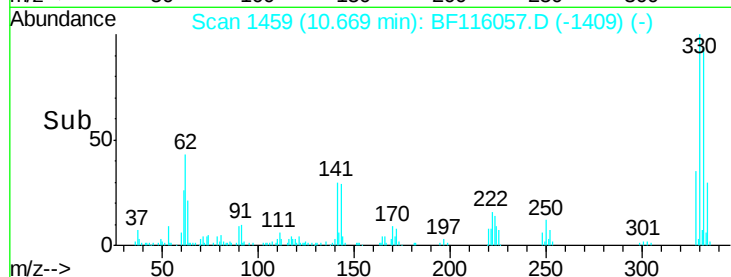
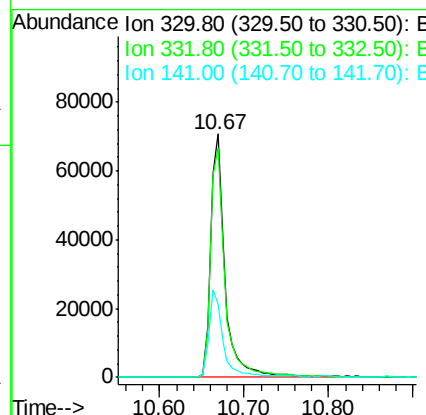
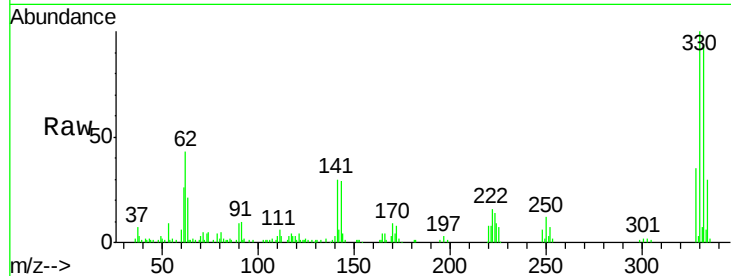




#42
 2,4,6-Tribromophenol
 Concen: 32.598 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116057.D
 Acq: 7 Aug 2019 20:14

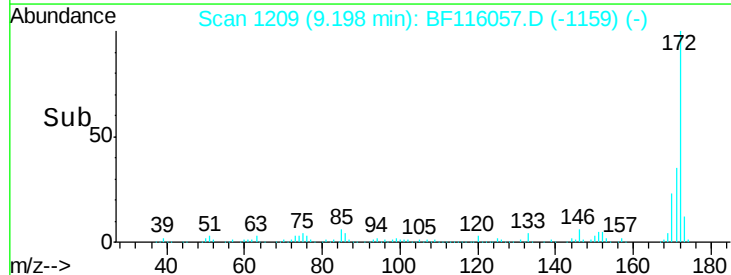
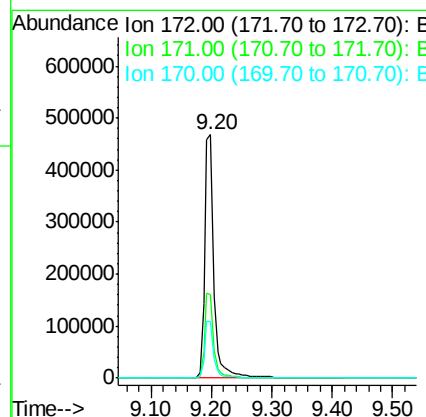
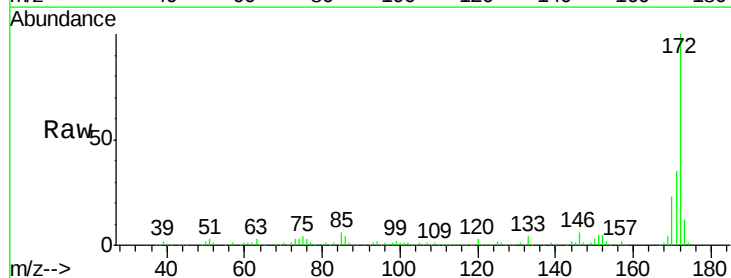
Instrument :
 BNA_F
 ClientSampleId :
 PS-4

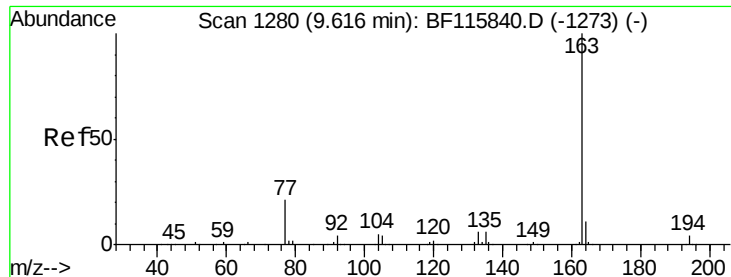
Tot Ion:330 Resp: 84167
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.8 115.2
 141 35.5 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 35.715 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116057.D
 Acq: 7 Aug 2019 20:14

Tgt Ion:172 Resp: 507784
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.6 44.4
 170 23.3 20.1 30.1





#50

Dimethylphthalate

Concen: 4.772 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116057.D

Acq: 7 Aug 2019 20:14

Instrument :

BNA_F

ClientSampleId :

PS-4

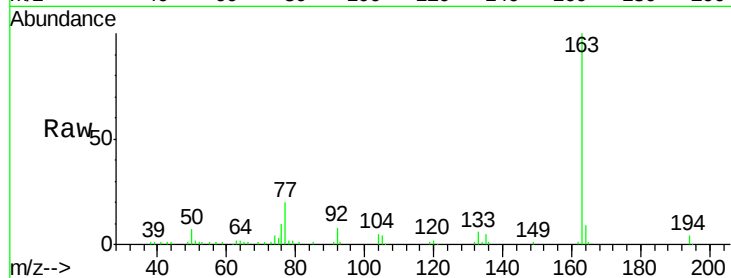
Tot Ion:163 Resp: 86521

Ion Ratio Lower Upper

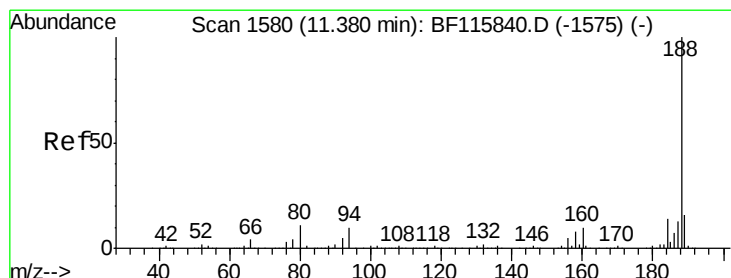
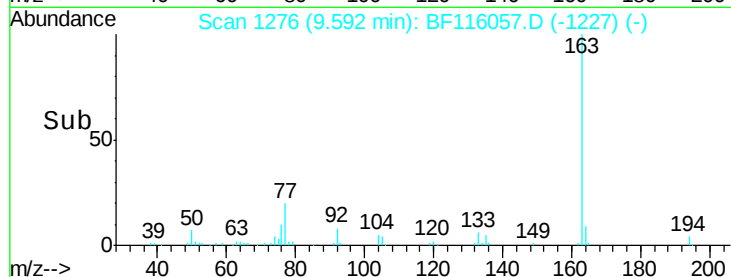
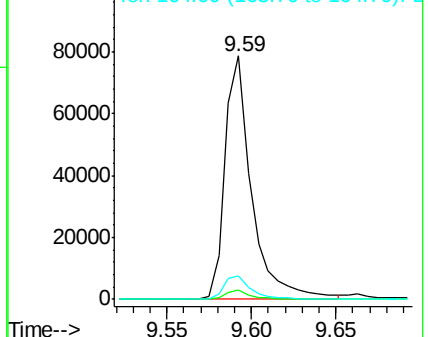
163 100

194 3.7 3.0 4.6

164 9.4 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# 1577

Delta R.T. -0.01 min

Lab File: BF116057.D

Acq: 7 Aug 2019 20:14

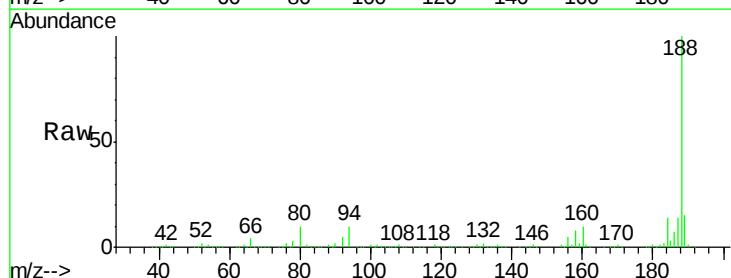
Tgt Ion:188 Resp: 398901

Ion Ratio Lower Upper

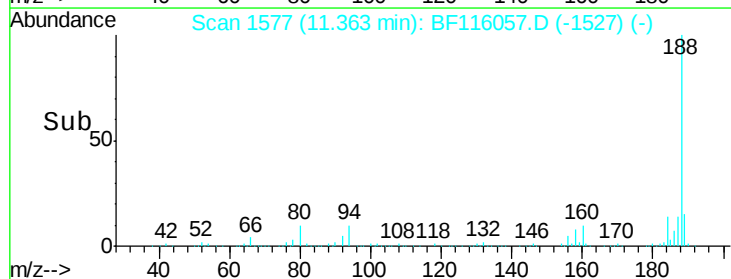
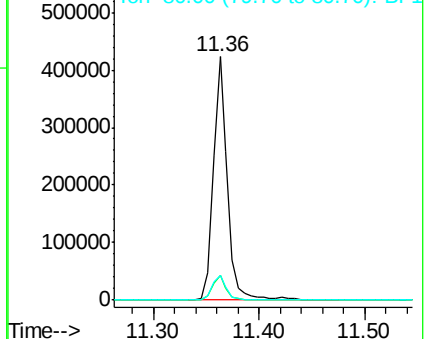
188 100

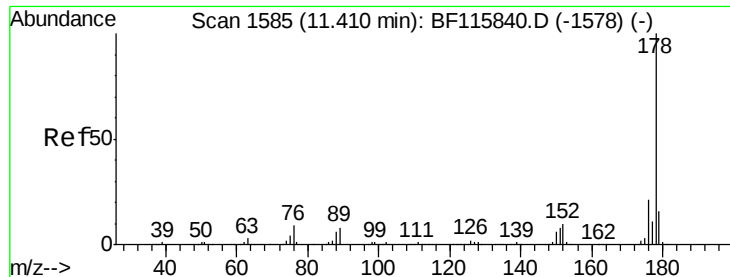
94 9.9 8.1 12.1

80 10.3 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: 2.134 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116057.D

Acq: 7 Aug 2019 20:14

Instrument :

BNA_F

ClientSampleId :

PS-4

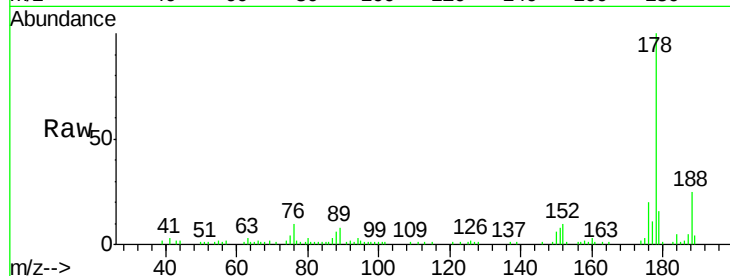
Tot Ion:178 Resp: 43514

Ion Ratio Lower Upper

178 100

176 20.1 16.6 24.8

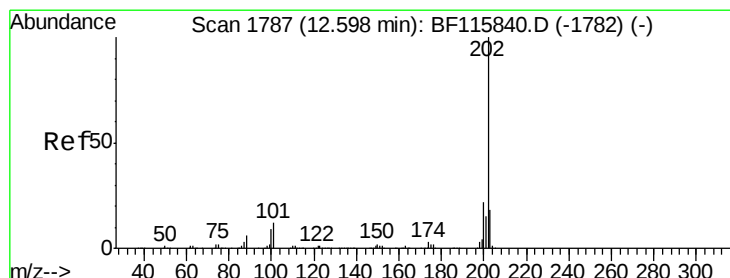
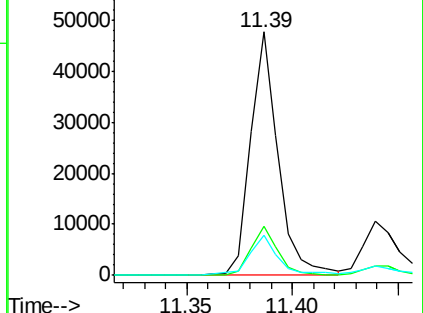
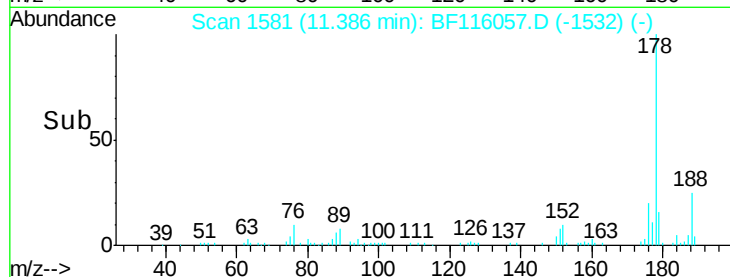
179 16.5 12.5 18.7



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: 2.927 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF116057.D

Acq: 7 Aug 2019 20:14

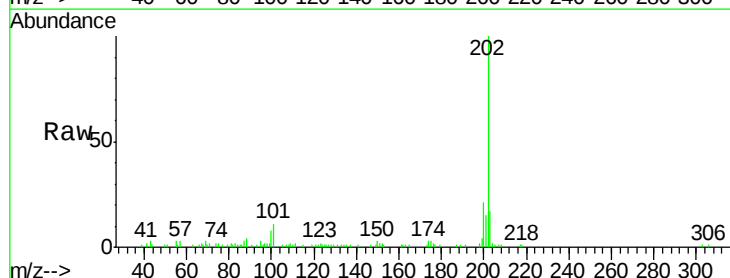
Tgt Ion:202 Resp: 62479

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.2

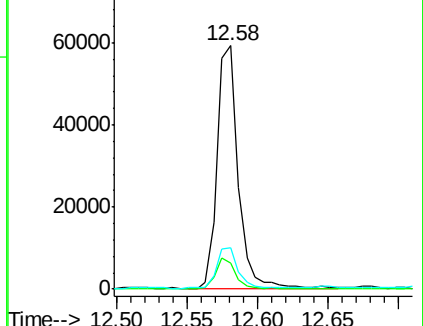
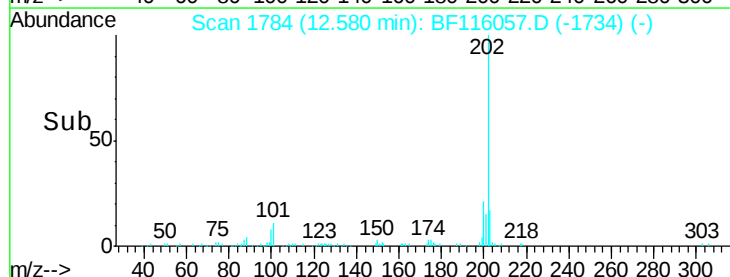
203 16.8 0.0 37.8

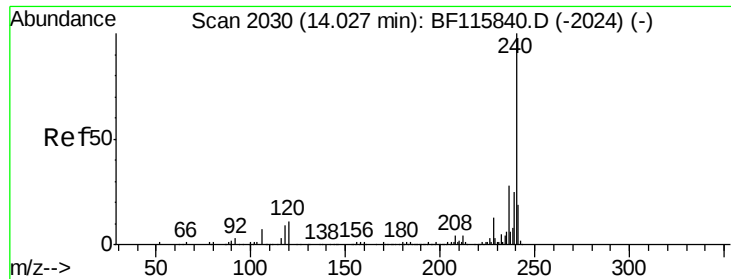


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF116057.D

Acq: 7 Aug 2019 20:14

Instrument :

BNA_F

ClientSampleId :

PS-4

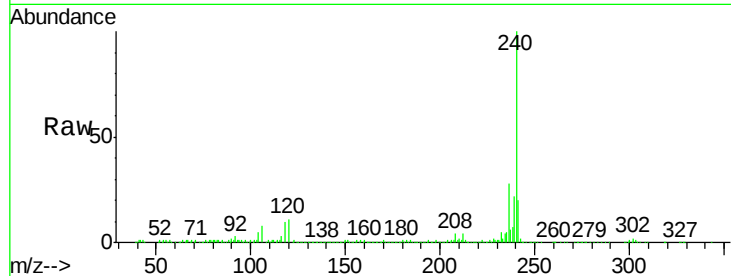
Tot Ion:240 Resp: 322965

Ion Ratio Lower Upper

240 100

120 11.5 10.7 16.1

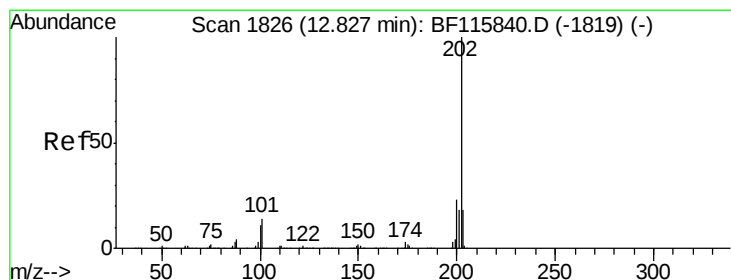
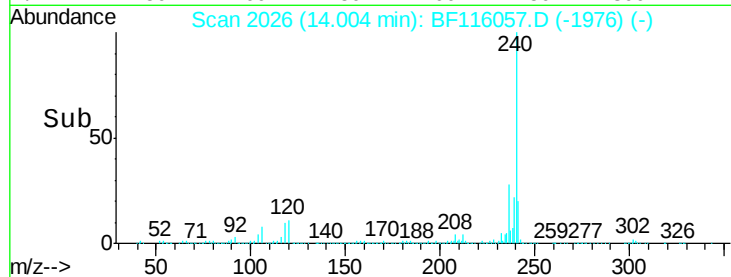
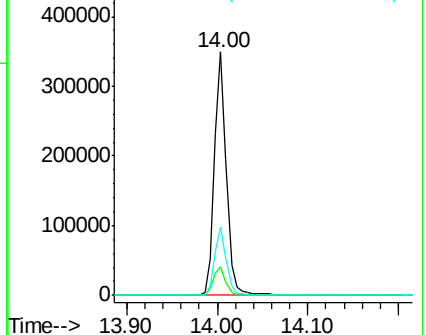
236 27.8 22.2 33.2



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: 2.131 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF116057.D

Acq: 7 Aug 2019 20:14

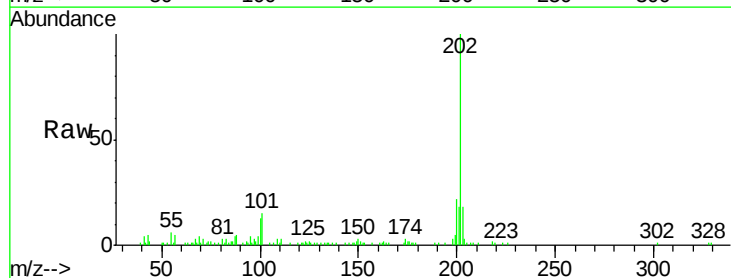
Tgt Ion:202 Resp: 51876

Ion Ratio Lower Upper

202 100

200 22.4 18.0 27.0

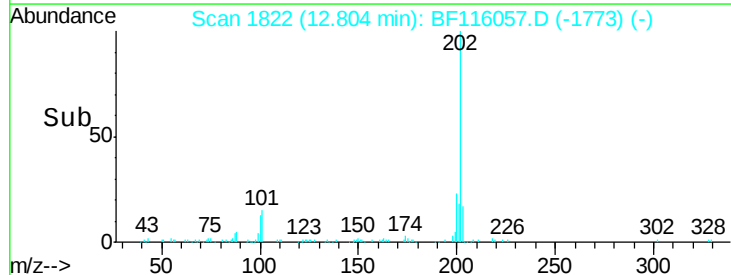
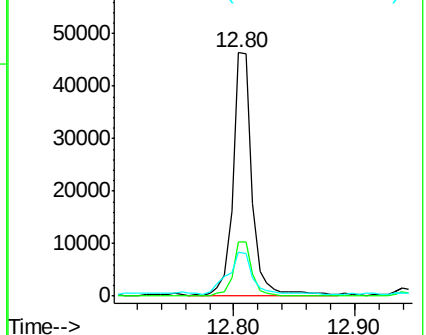
203 18.2 14.1 21.1

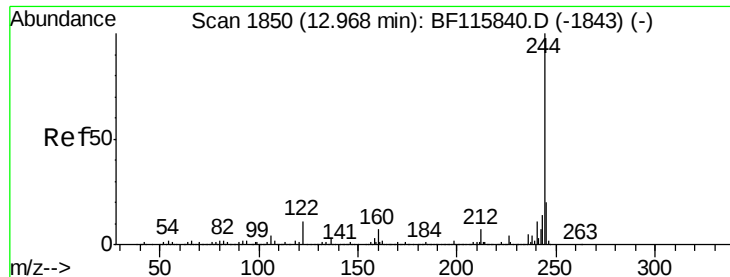


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 23.964 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116057.D

Acq: 7 Aug 2019 20:14

Instrument :

BNA_F

ClientSampled :

PS-4

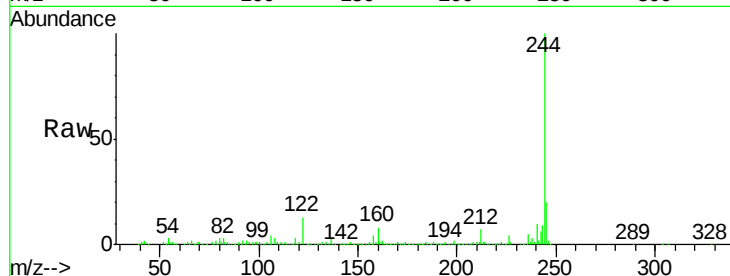
Tot Ion:244 Resp: 367295

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

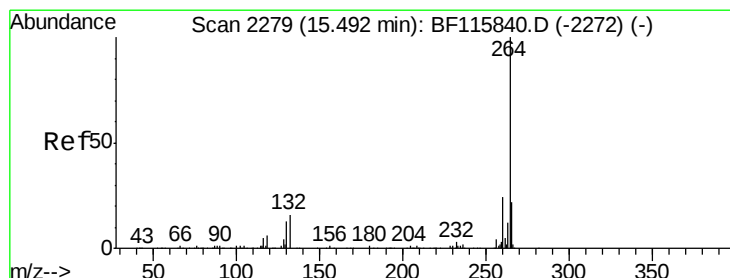
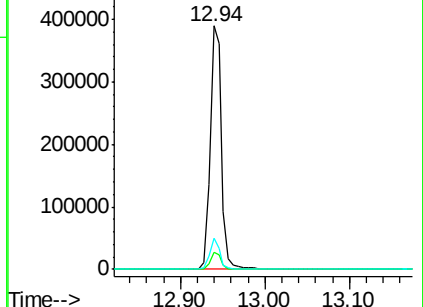
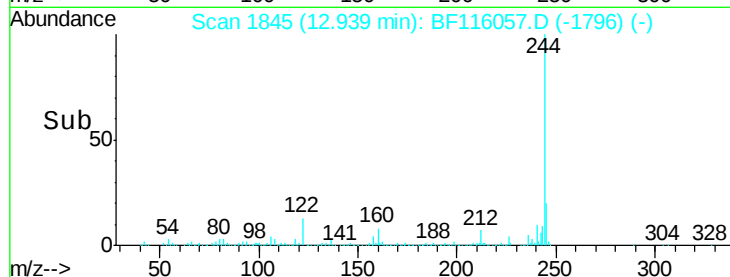
122 12.6 9.0 13.4



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: BF116057.D

Acq: 7 Aug 2019 20:14

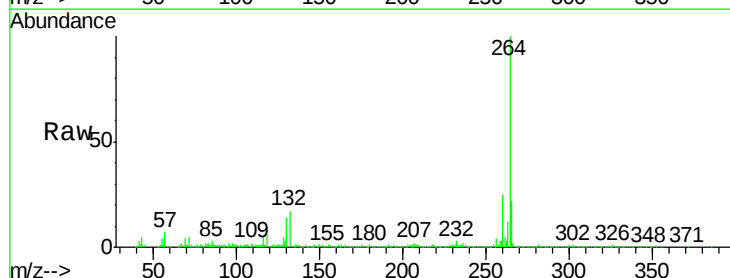
Tgt Ion:264 Resp: 366708

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 21.6 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

