

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116067.D
 Acq On : 8 Aug 2019 14:23
 Operator : HP/JU
 Sample : PB121894BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121894BL

Quant Time: Aug 09 09:29:04 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	148549	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	572959	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	307888	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	551419	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	399301	20.00	ng	-0.01
87) Perylene-d12	15.46	264	368703	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1058524	119.29	ng	0.00
7) Phenol-d6	6.48	99	1384951	123.71	ng	0.00
23) Nitrobenzene-d5	7.40	82	913812	92.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	381911	127.94	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1546086	94.06	ng	-0.01
79) Terphenyl-d14	12.95	244	1753540	92.54	ng	0.00

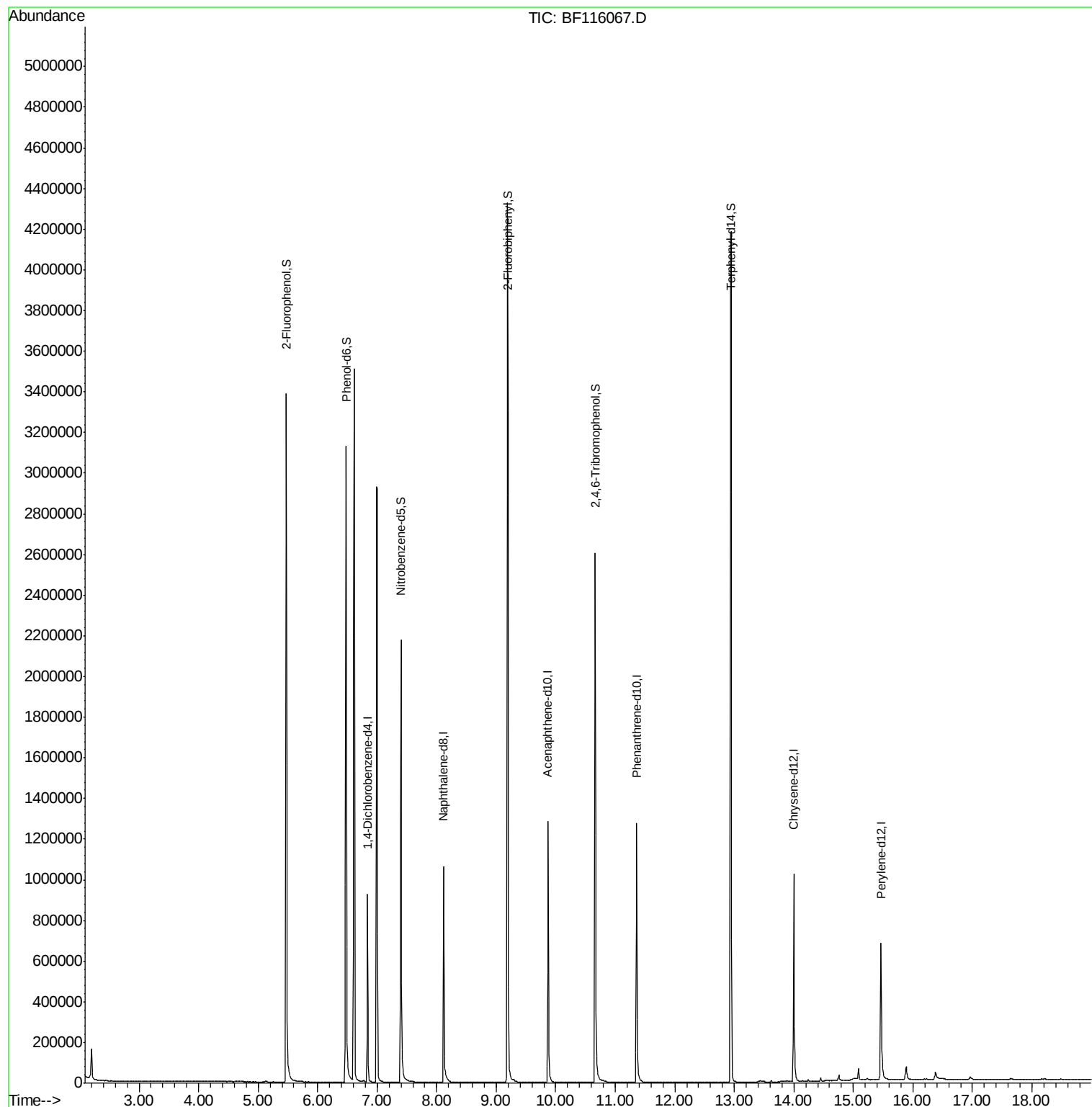
Target Compounds Qvalue

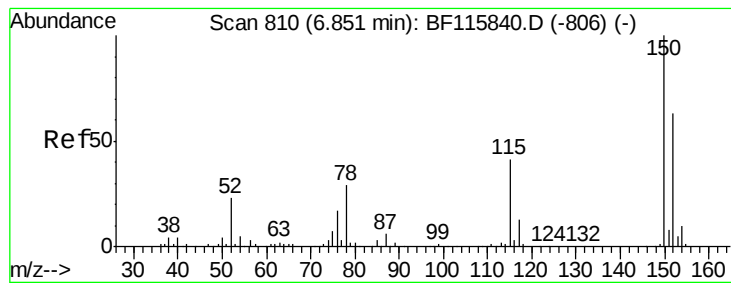
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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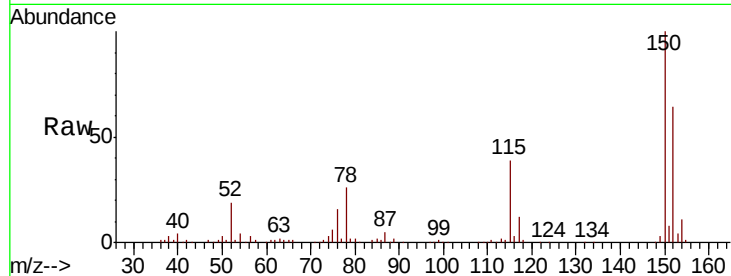




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116067.D
 Acq: 8 Aug 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB121894BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	61.5	49.9	74.9

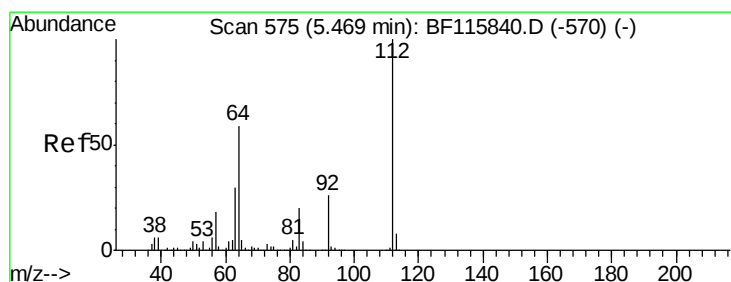
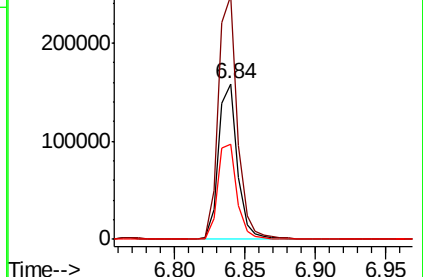
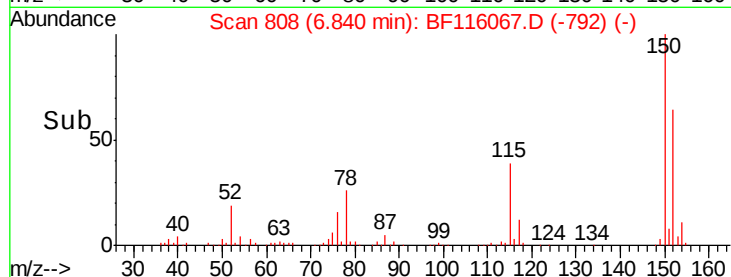


Abundance

Ion 152.00 (151.70 to 152.70): E

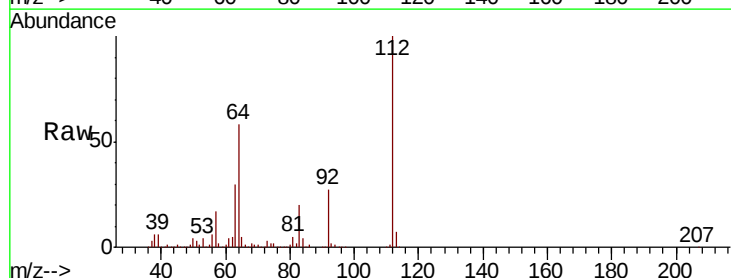
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 119.290 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF116067.D
 Acq: 8 Aug 2019 14:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	45.4	68.2
63	29.9	23.7	35.5

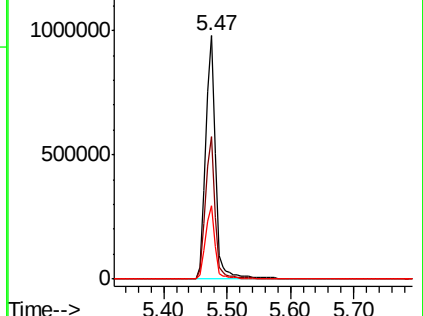
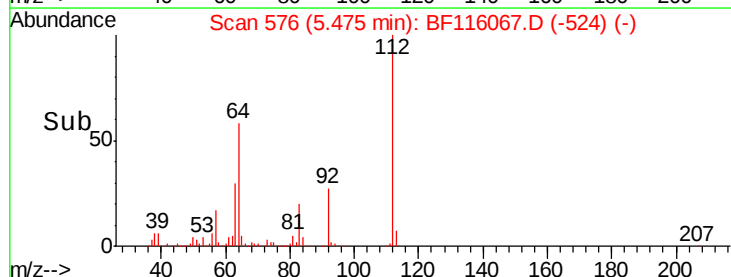


Abundance

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: 123.705 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116067.D

Acq: 8 Aug 2019 14:23

Instrument :

BNA_F

ClientSampleId :

PB121894BL

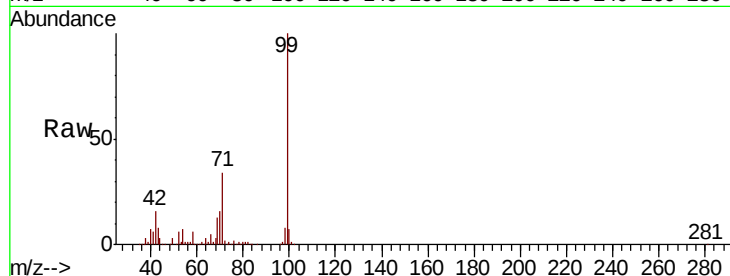
Tot Ion: 99 Resp: 1384951

Ion Ratio Lower Upper

99 100

42 16.4 13.8 20.8

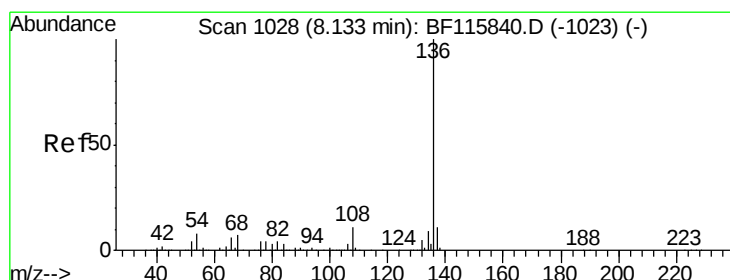
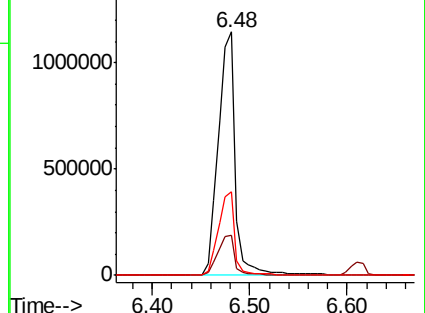
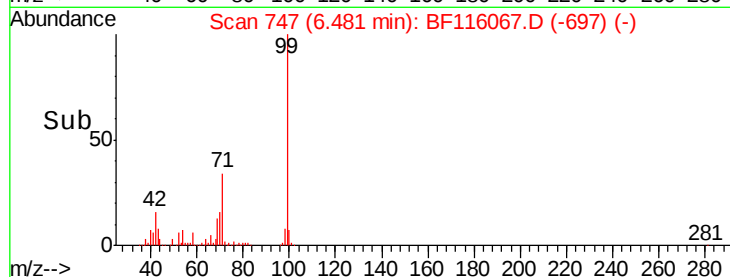
71 34.1 27.3 40.9



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: BF116067.D

Acq: 8 Aug 2019 14:23

Tgt Ion: 136 Resp: 572959

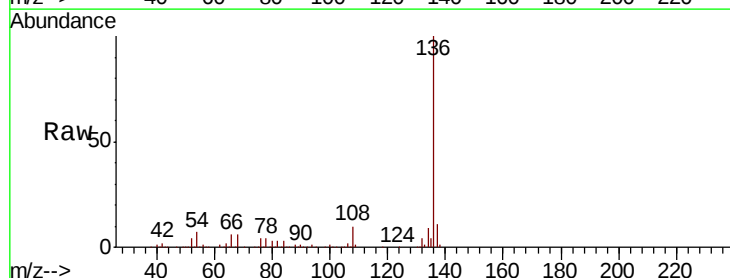
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.2 5.8 8.6

68 6.4 5.2 7.8

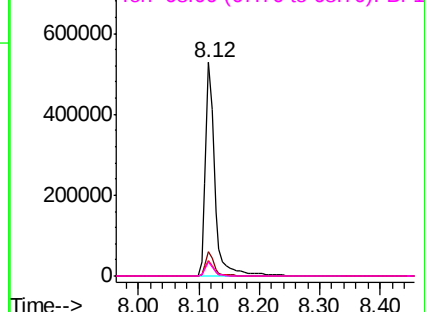
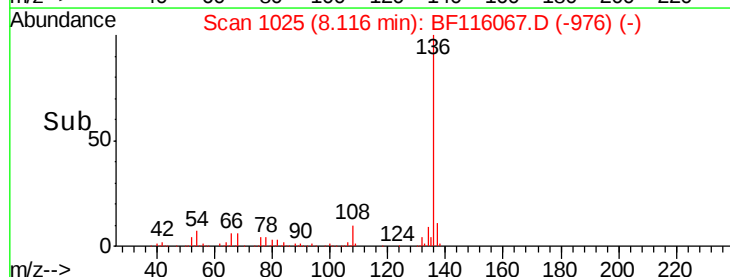


Abundance Ion 136.00 (135.70 to 136.70): E

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

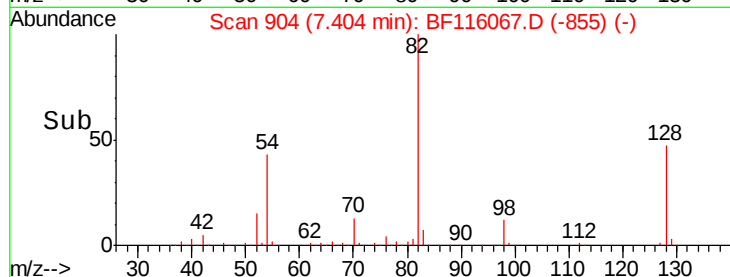
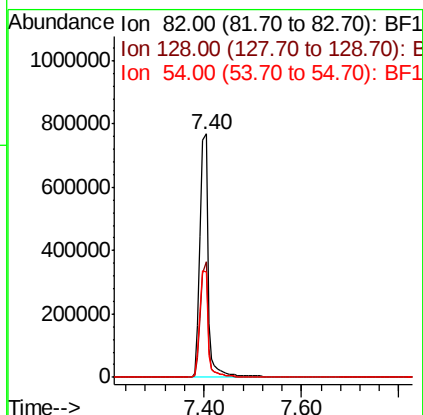
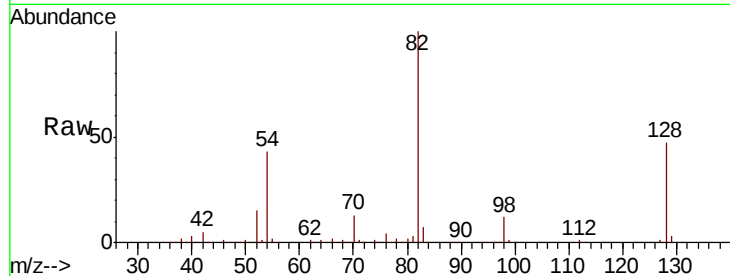




#23
Nitrobenzene-d5
Concen: 92.063 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116067.D
Acq: 8 Aug 2019 14:23

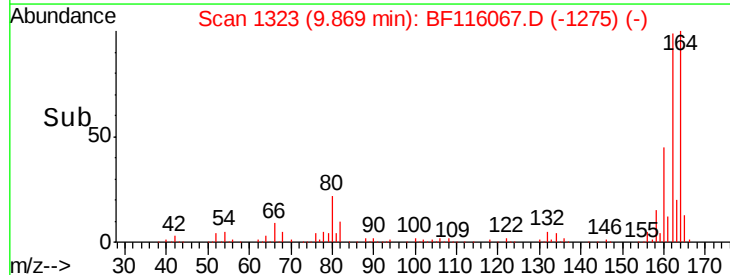
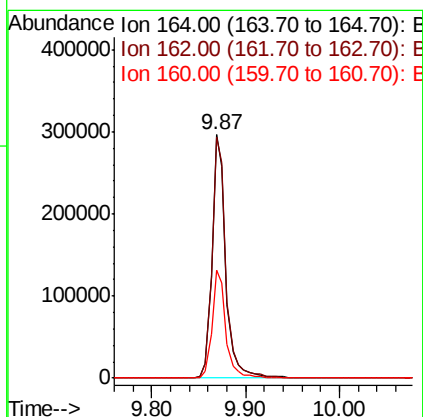
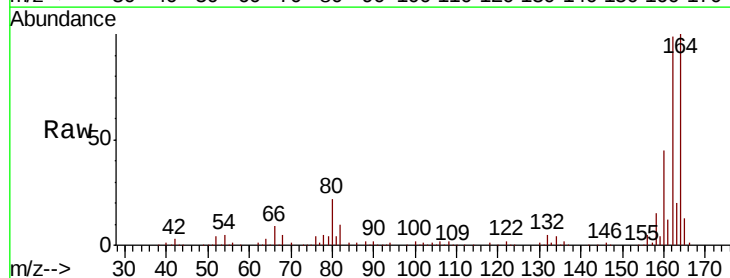
Instrument :
BNA_F
ClientSampleId :
PB121894BL

Tot Ion: 82 Resp: 913812
Ion Ratio Lower Upper
82 100
128 47.3 36.5 54.7
54 43.2 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: BF116067.D
Acq: 8 Aug 2019 14:23

Tgt Ion:164 Resp: 307888
Ion Ratio Lower Upper
164 100
162 98.9 82.6 124.0
160 44.5 37.6 56.4

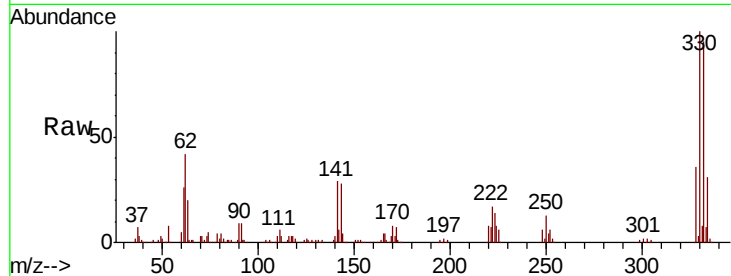




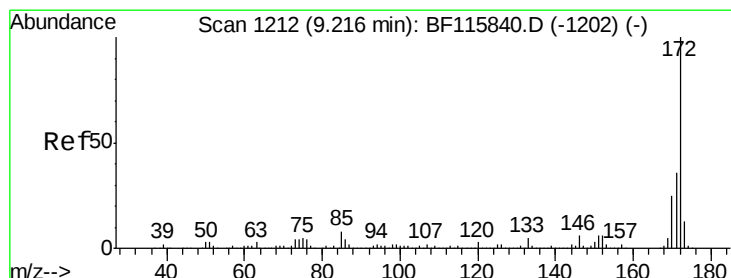
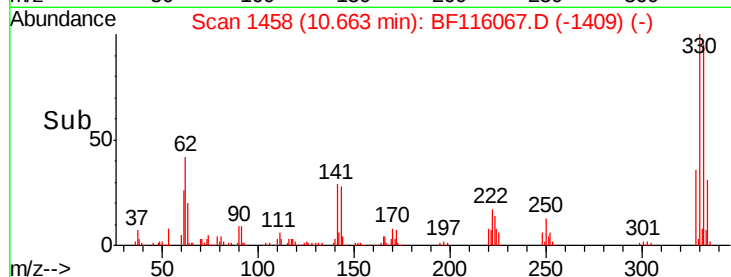
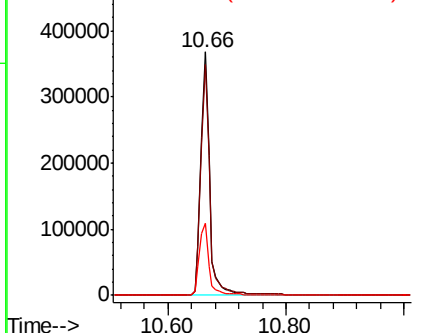
#42
 2,4,6-Tribromophenol
 Concen: 127.941 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116067.D
 Acq: 8 Aug 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB121894BL

Tot Ion:330 Resp: 381911
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.8 115.2
 141 31.9 26.3 39.5

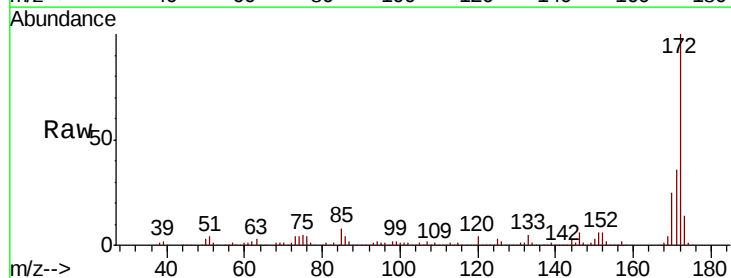


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

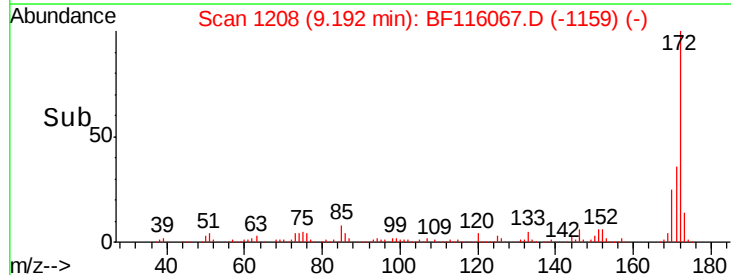
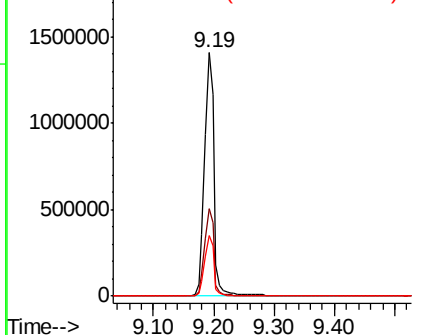


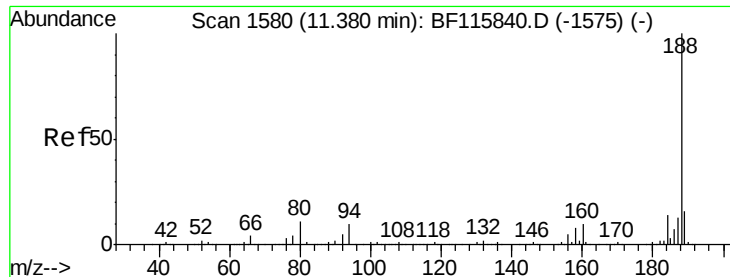
#45
 2-Fluorobiphenyl
 Concen: 94.058 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116067.D
 Acq: 8 Aug 2019 14:23

Tgt Ion:172 Resp: 1546086
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 25.1 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116067.D

Acq: 8 Aug 2019 14:23

Instrument :

BNA_F

ClientSampleId :

PB121894BL

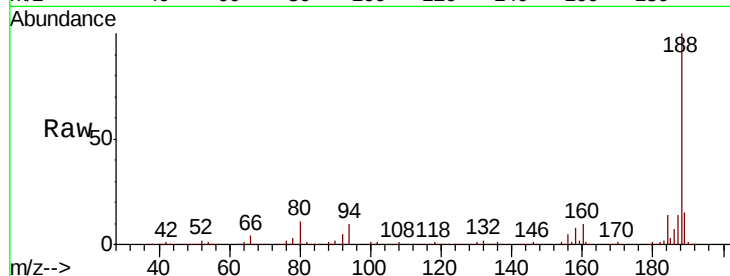
Tot Ion:188 Resp: 551419

Ion Ratio Lower Upper

188 100

94 9.8 8.1 12.1

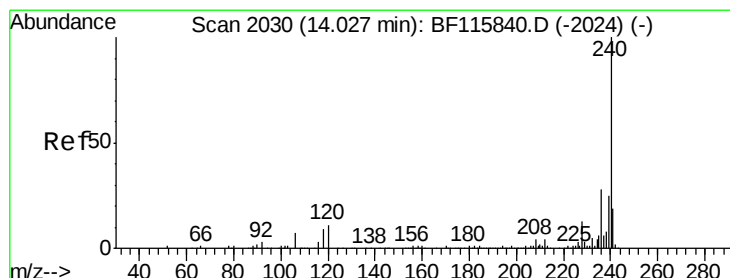
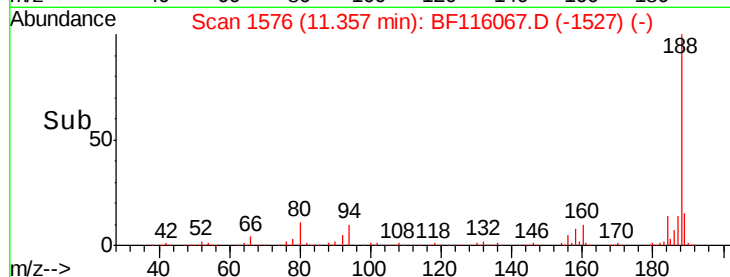
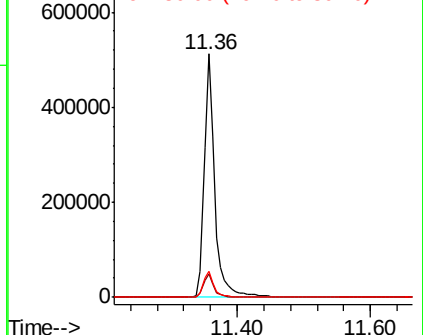
80 10.7 8.7 13.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116067.D

Acq: 8 Aug 2019 14:23

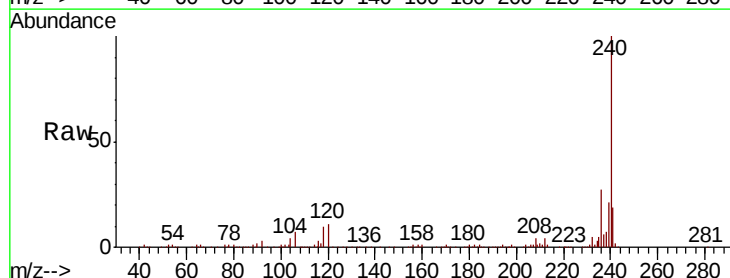
Tgt Ion:240 Resp: 399301

Ion Ratio Lower Upper

240 100

120 10.8 10.7 16.1

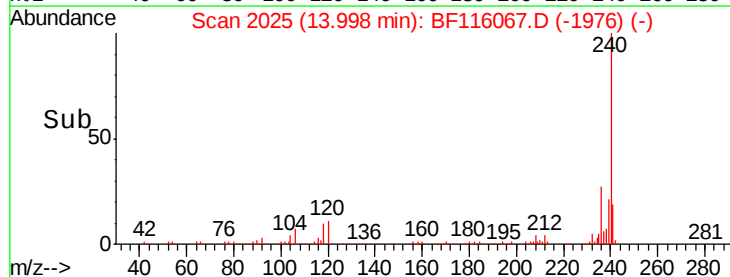
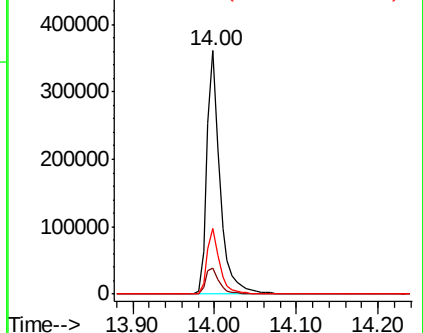
236 26.9 22.2 33.2



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





#79

Terphenyl-d14

Concen: 92.537 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116067.D

Acq: 8 Aug 2019 14:23

Instrument :

BNA_F

ClientSampleId :

PB121894BL

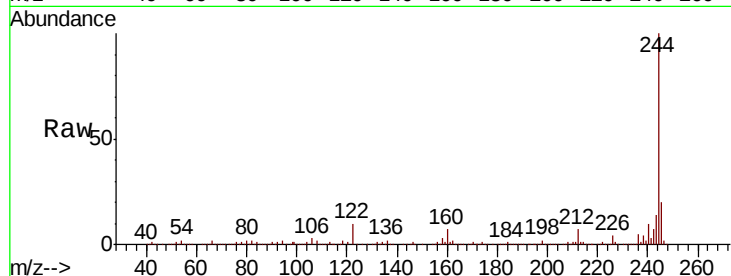
Tot Ion:244 Resp: 1753540

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

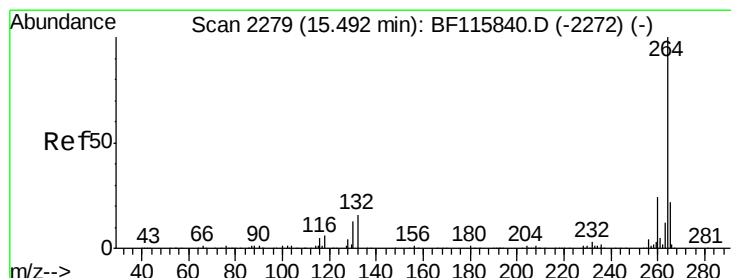
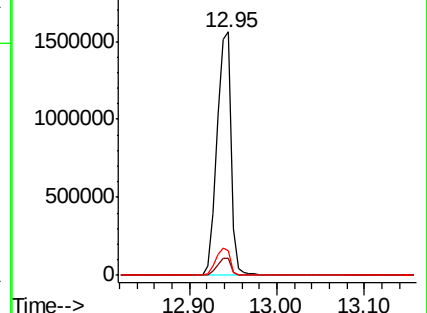
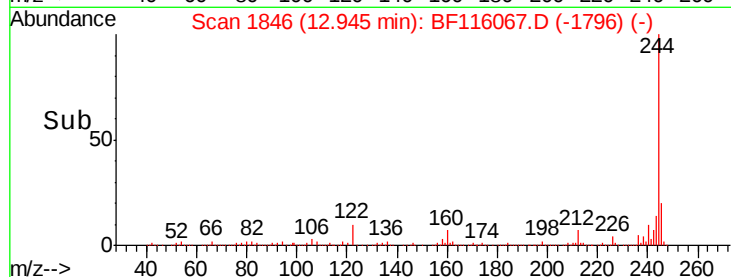
122 10.1 9.0 13.4



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF116067.D

Acq: 8 Aug 2019 14:23

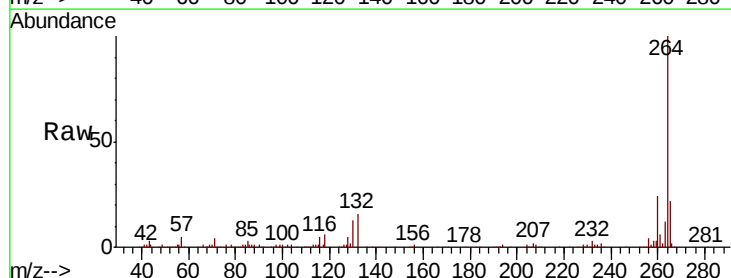
Tgt Ion:264 Resp: 368703

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 22.0 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

