

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116139.D
 Acq On : 10 Aug 2019 3:33
 Operator : HP/JU
 Sample : K3613-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-080719-A

Quant Time: Aug 10 07:02:36 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	124201	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	467127	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	230073	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	350290	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	266939	20.00	ng	-0.01
87) Perylene-d12	15.47	264	299095	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	849064	114.44	ng	0.00
7) Phenol-d6	6.48	99	990434	105.81	ng	0.00
23) Nitrobenzene-d5	7.40	82	801375	99.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	278939	125.05	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1354250	110.25	ng	-0.01
79) Terphenyl-d14	12.94	244	1180592	93.19	ng	-0.01

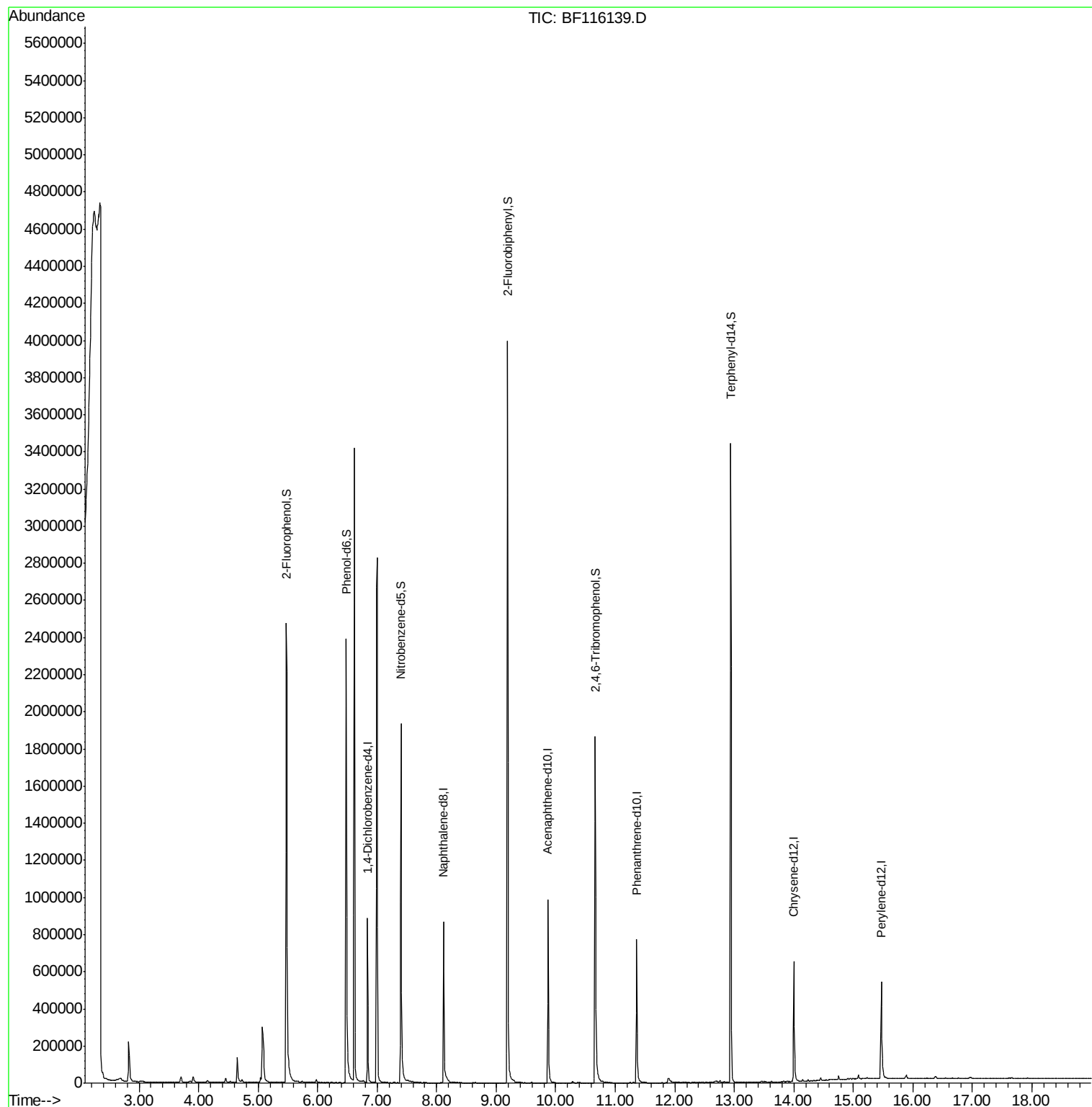
Target Compounds Qvalue

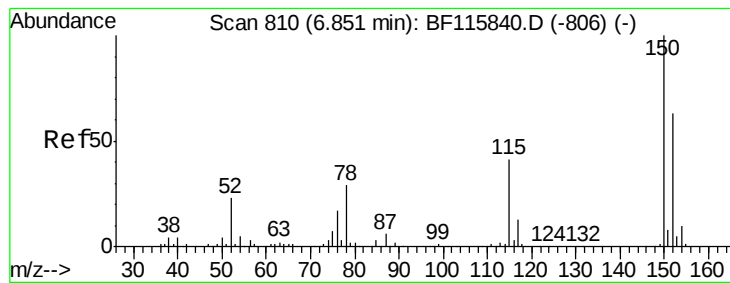
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116139.D
Acq On : 10 Aug 2019 3:33
Operator : HP/JU
Sample : K3613-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-080719-A

Quant Time: Aug 10 07:02:36 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF116139.D

Acq: 10 Aug 2019 3:33

Instrument :

BNA_F

ClientSampleId :

AU-05-080719-A

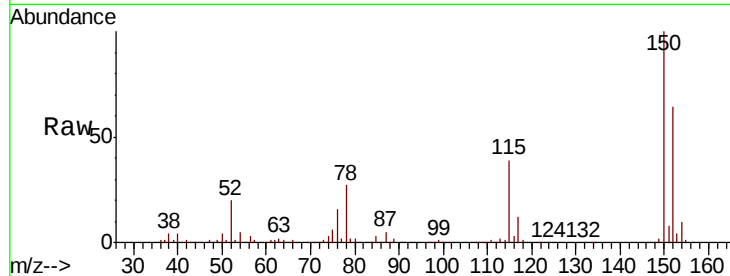
Tot Ion:152 Resp: 124201

Ion Ratio Lower Upper

152 100

150 156.1 126.2 189.2

115 61.3 49.9 74.9

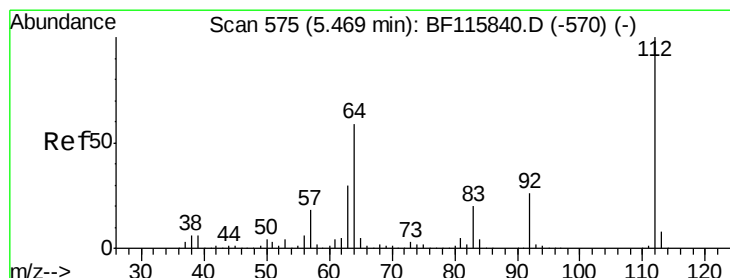
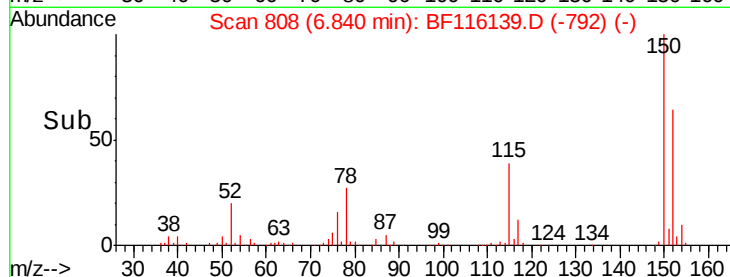
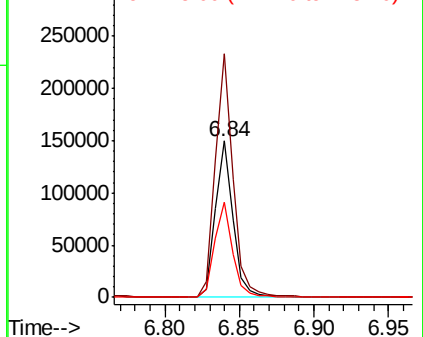


Abundance

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: 114.442 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116139.D

Acq: 10 Aug 2019 3:33

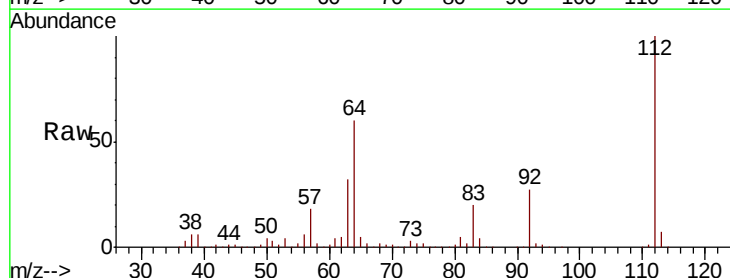
Tgt Ion:112 Resp: 849064

Ion Ratio Lower Upper

112 100

64 60.2 45.4 68.2

63 31.6 23.7 35.5

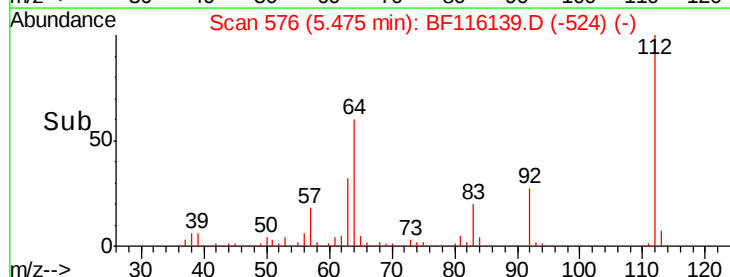
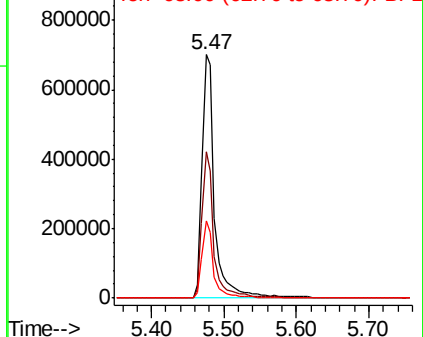


Abundance

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: 105.809 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116139.D

Acq: 10 Aug 2019 3:33

Instrument :

BNA_F

ClientSampleId :

AU-05-080719-A

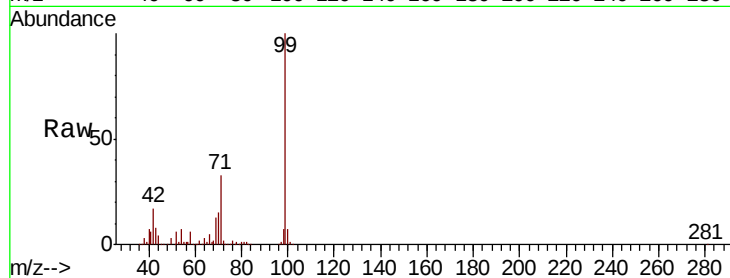
Tot Ion: 99 Resp: 990434

Ion Ratio Lower Upper

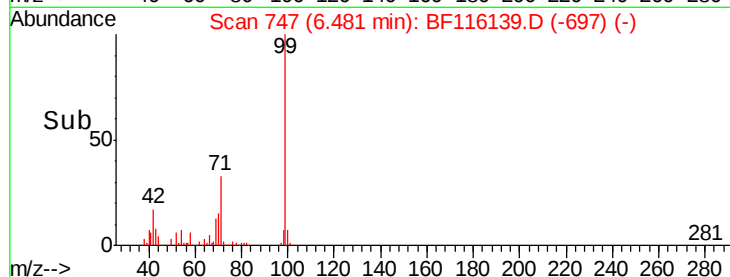
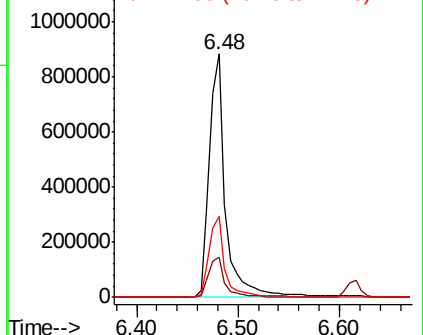
99 100

42 16.7 13.8 20.8

71 33.1 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: BF116139.D

Acq: 10 Aug 2019 3:33

Tgt Ion: 136 Resp: 467127

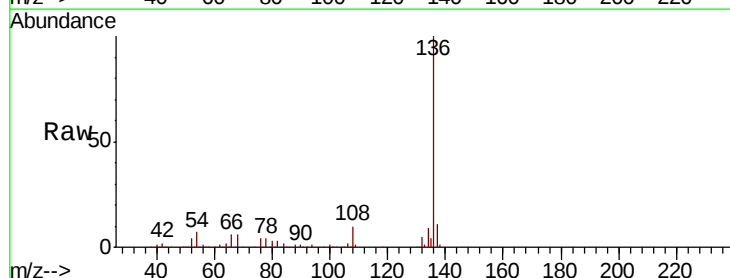
Ion Ratio Lower Upper

136 100

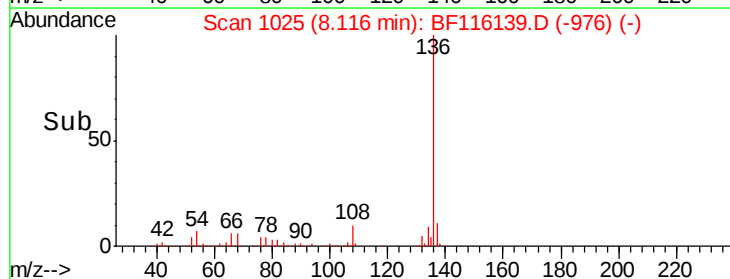
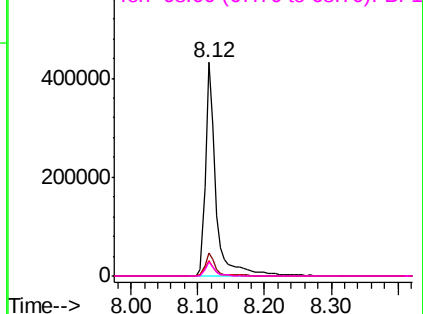
137 11.0 9.0 13.4

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

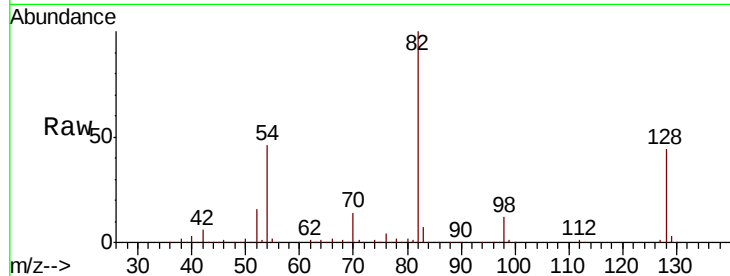




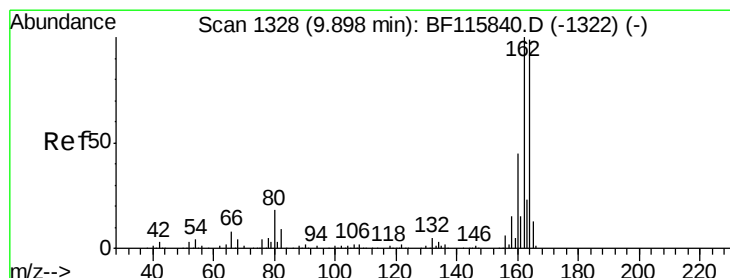
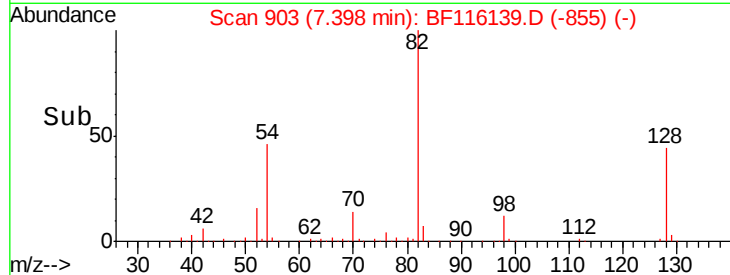
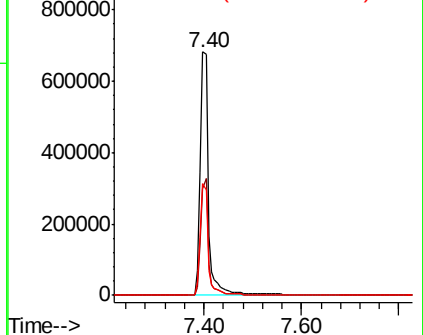
#23
 Nitrobenzene-d5
 Concen: 99.026 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116139.D
 Acq: 10 Aug 2019 3:33

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-080719-A

Tot Ion	82	Resp	801375
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
54	46.1	36.0	54.0

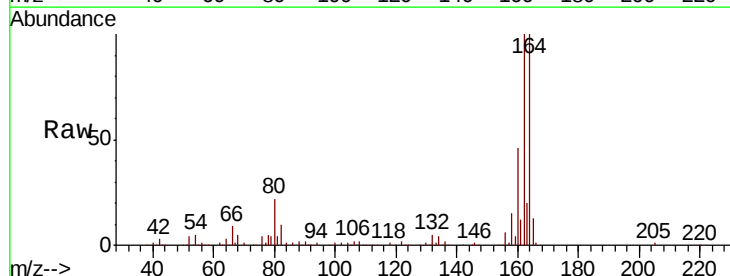


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

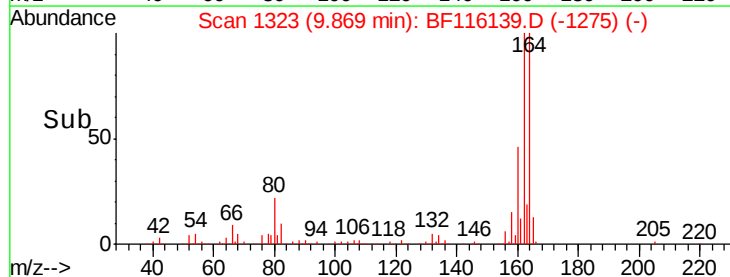
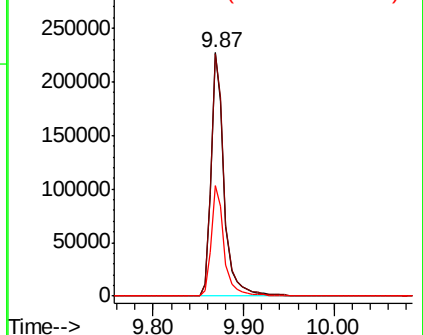


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116139.D
 Acq: 10 Aug 2019 3:33

Tgt Ion	164	Resp	230073
Ion Ratio	100		
Lower	82.6		
Upper	124.0		
162	99.7	37.6	56.4
160	45.6		



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

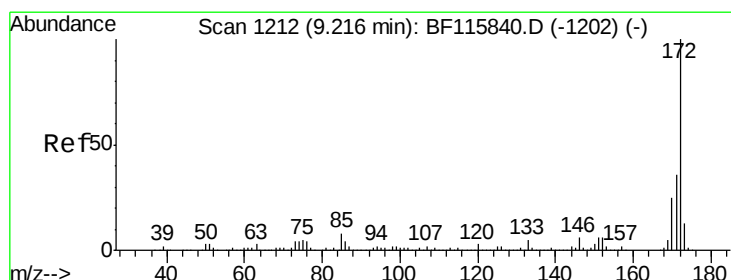
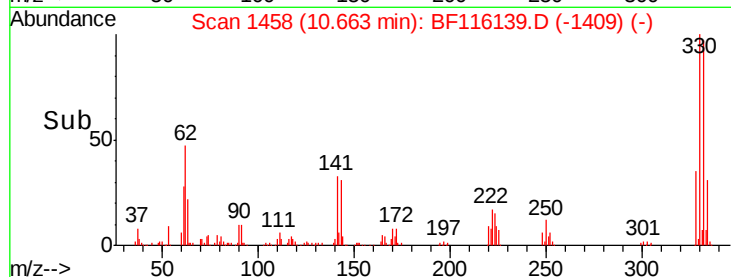
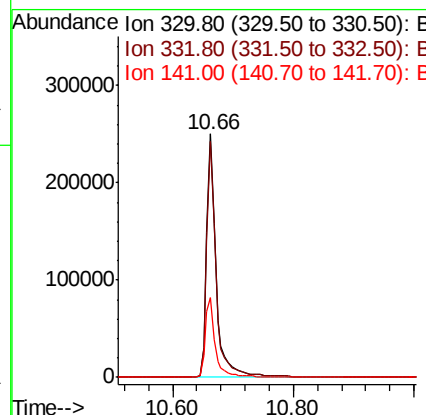
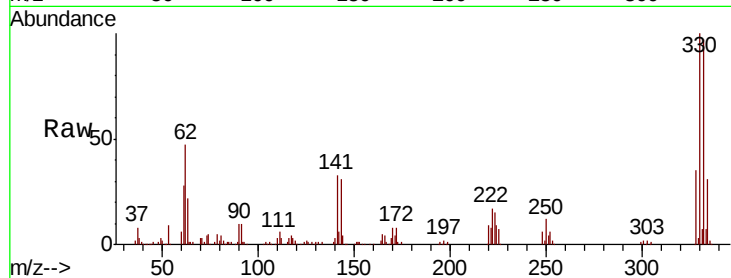




#42
 2,4,6-Tribromophenol
 Concen: 125.050 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116139.D
 Acq: 10 Aug 2019 3:33

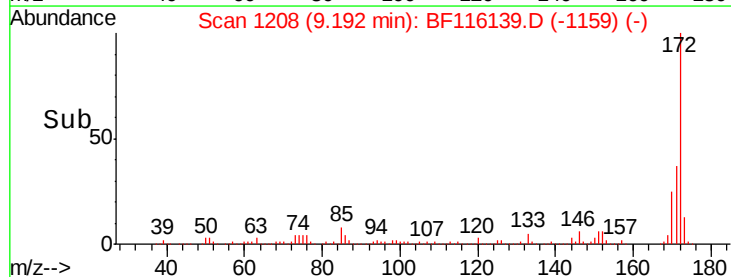
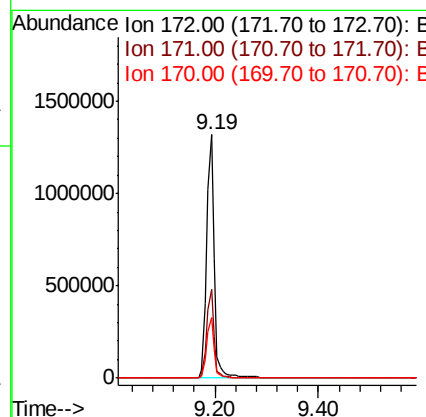
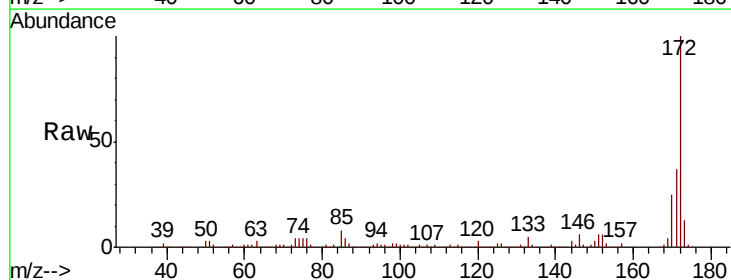
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-080719-A

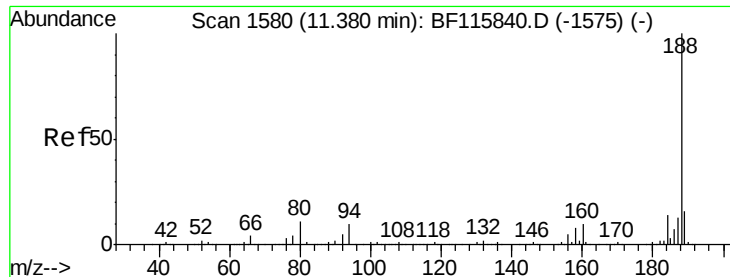
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	34.2	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 110.252 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116139.D
 Acq: 10 Aug 2019 3:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.9	20.1	30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116139.D

Acq: 10 Aug 2019 3:33

Instrument :

BNA_F

ClientSampleId :

AU-05-080719-A

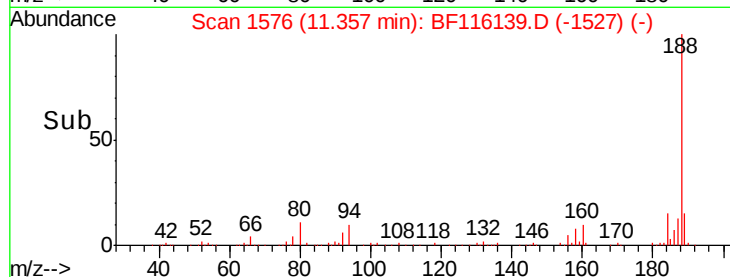
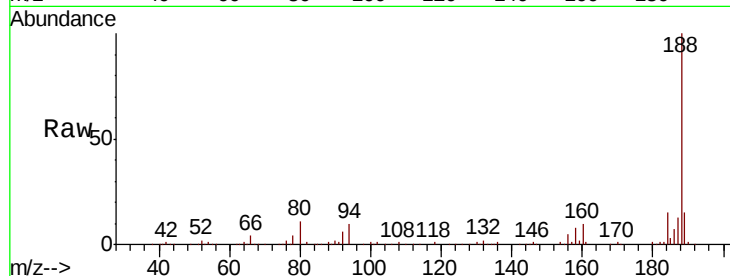
Tot Ion:188 Resp: 350290

Ion Ratio Lower Upper

188 100

94 10.2 8.1 12.1

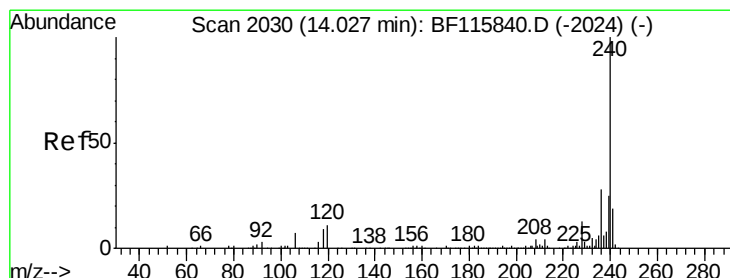
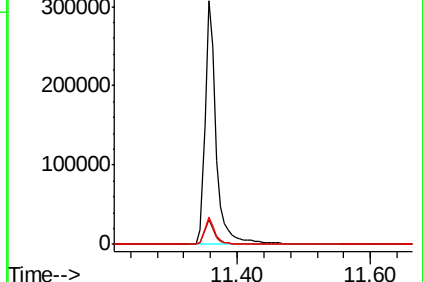
80 11.3 8.7 13.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116139.D

Acq: 10 Aug 2019 3:33

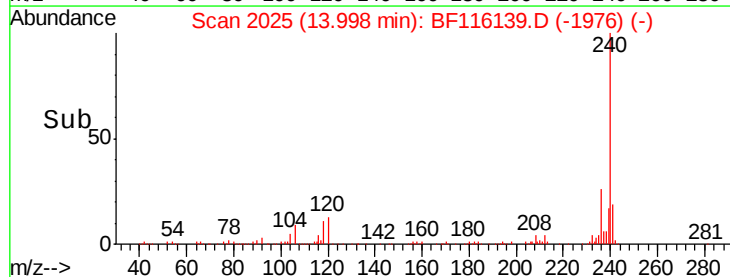
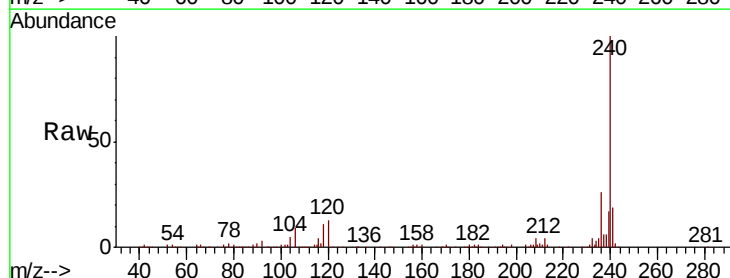
Tgt Ion:240 Resp: 266939

Ion Ratio Lower Upper

240 100

120 12.5 10.7 16.1

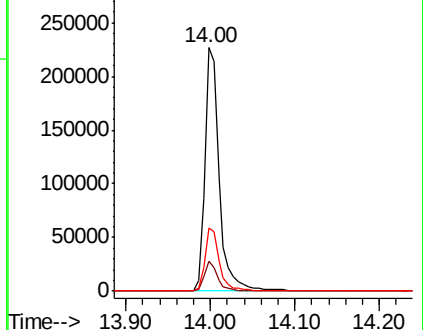
236 26.0 22.2 33.2



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: 93.194 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116139.D

Acq: 10 Aug 2019 3:33

Instrument :

BNA_F

ClientSampleId :

AU-05-080719-A

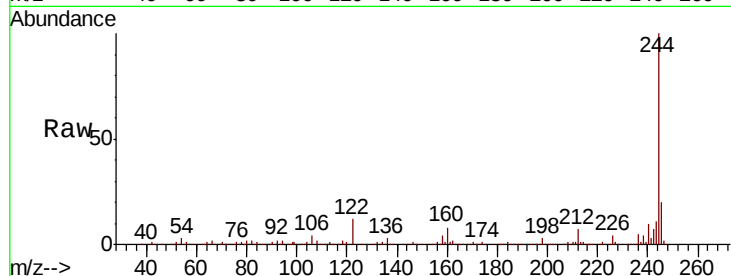
Tot Ion:244 Resp: 1180592

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

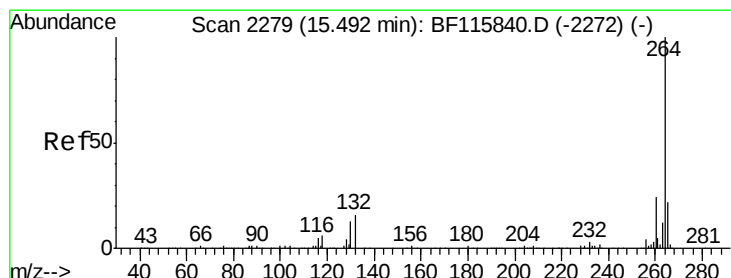
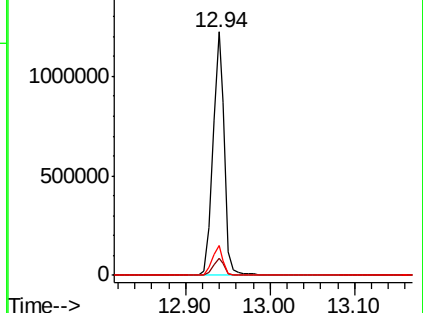
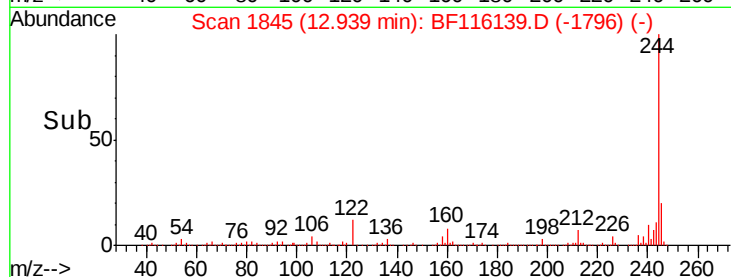
122 12.4 9.0 13.4



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: BF116139.D

Acq: 10 Aug 2019 3:33

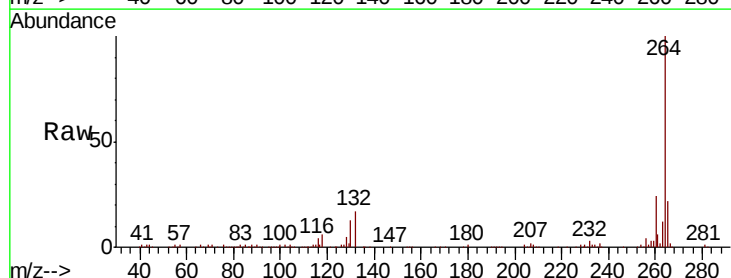
Tgt Ion:264 Resp: 299095

Ion Ratio Lower Upper

264 100

260 23.6 19.7 29.5

265 21.9 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

