

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
 Data File : BF115219.D
 Acq On : 26 Jun 2019 15:17
 Operator : HP/JU
 Sample : K3155-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B06

Quant Time: Jun 26 16:21:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 26 12:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	289819	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1065389	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	540393	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1067086	20.00	ng	0.00
76) Chrysene-d12	13.72	240	877398	20.00	ng	-0.01
87) Perylene-d12	15.09	264	807398	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1134853	60.43	ng	0.00
7) Phenol-d6	6.24	99	948202	41.60	ng	-0.01
23) Nitrobenzene-d5	7.17	82	1595809	92.14	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	740361	129.92	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2829656	88.94	ng	0.00
79) Terphenyl-d14	12.69	244	3341433	80.97	ng	0.00

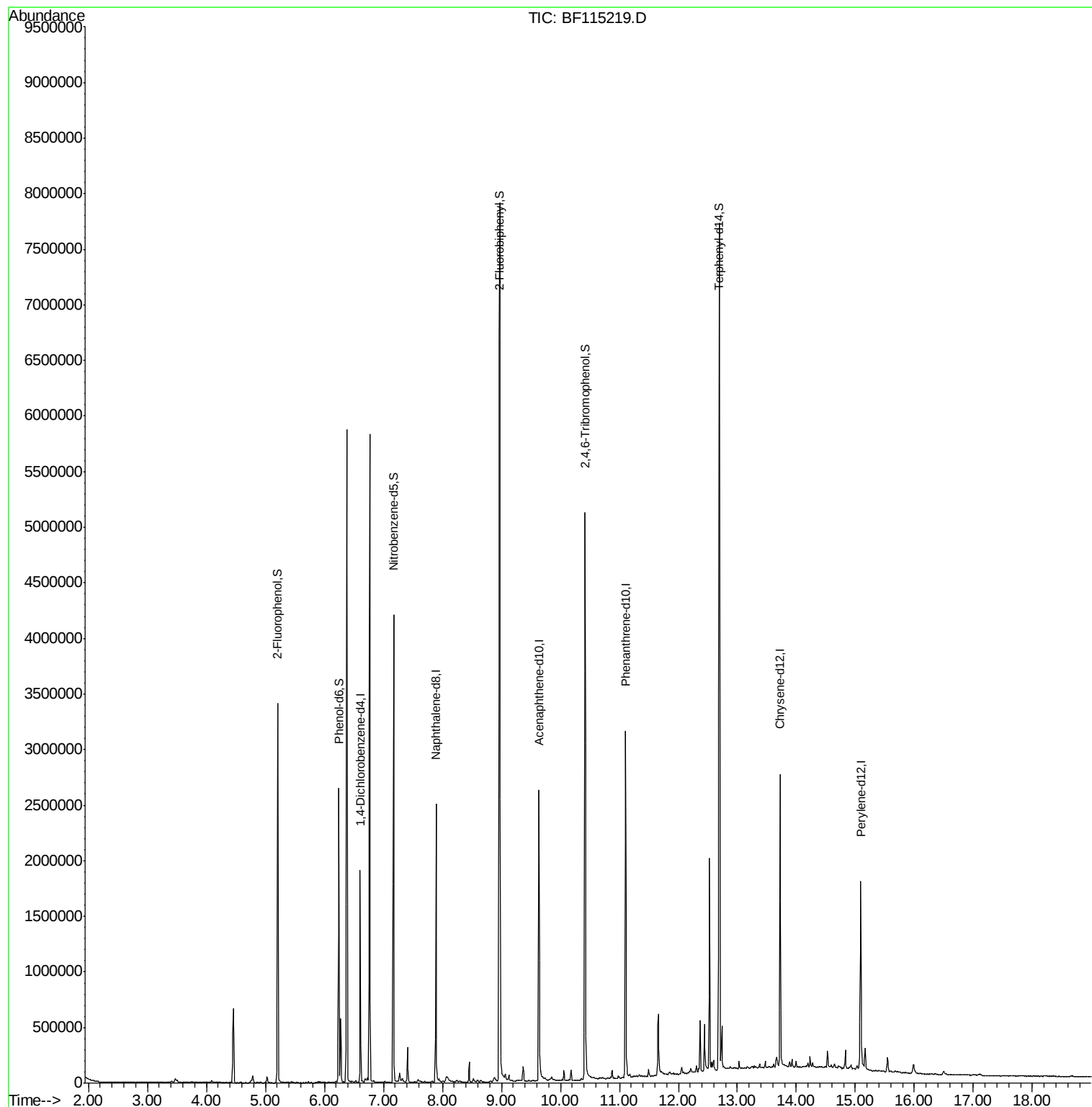
Target Compounds Qvalue

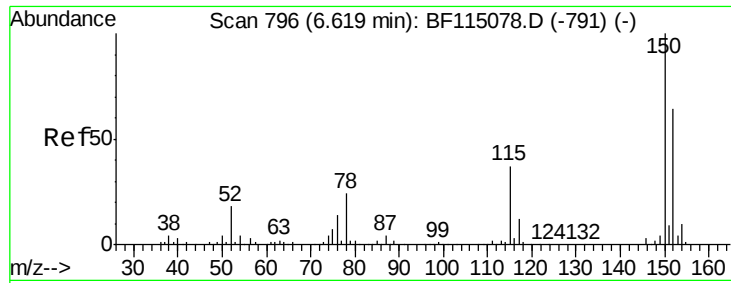
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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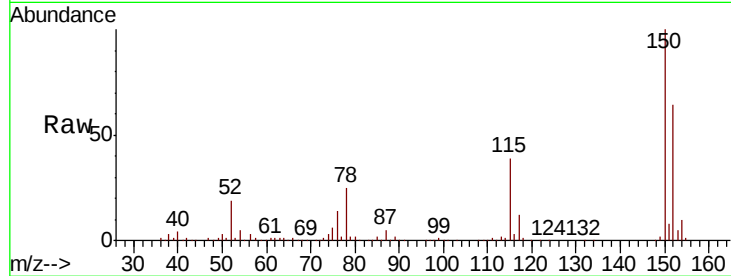


#1

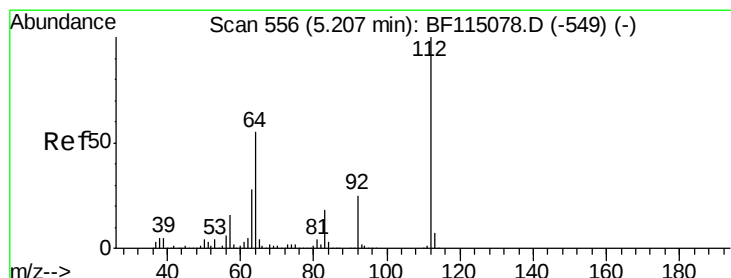
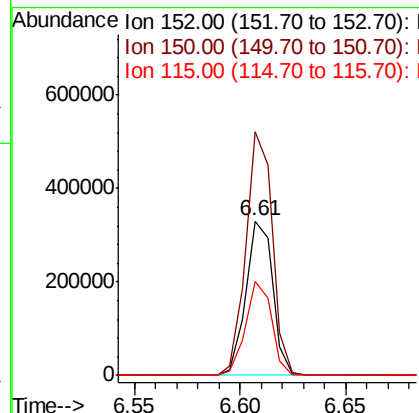
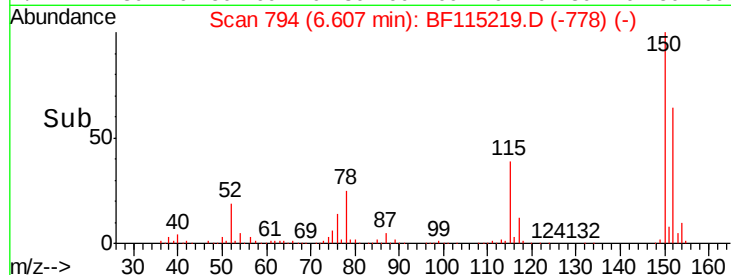
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF115219.D
Acq: 26 Jun 2019 15:17

Instrument :
BNA_F
ClientSampleId :
BAT-B06

Tot Ion:152 Resp: 289819
Ion Ratio Lower Upper
152 100
150 157.5 122.6 184.0
115 60.6 46.2 69.4



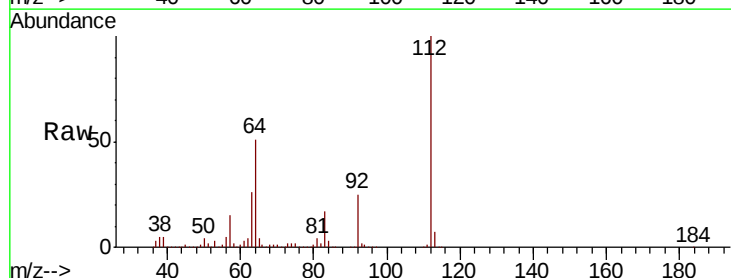
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



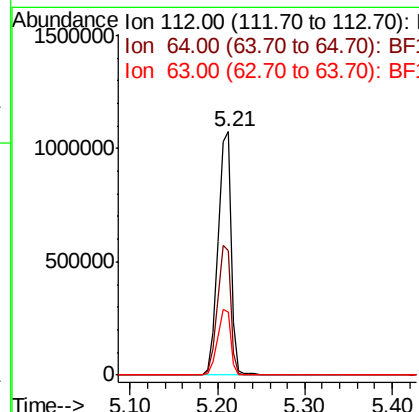
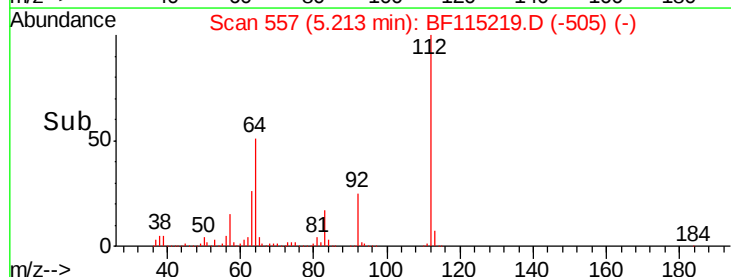
#5

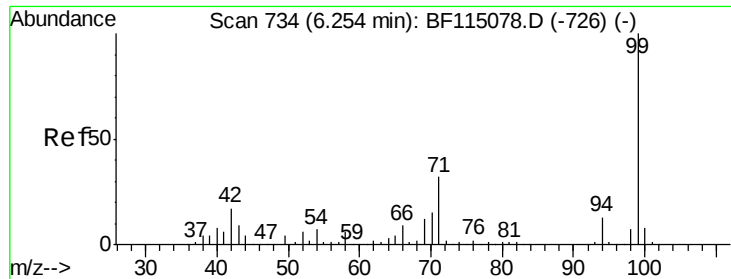
2-Fluorophenol
Concen: 60.426 ng
RT: 5.21 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF115219.D
Acq: 26 Jun 2019 15:17

Tgt Ion:112 Resp: 1134853
Ion Ratio Lower Upper
112 100
64 51.0 42.2 63.4
63 25.9 21.6 32.4



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: 41.596 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF115219.D

Acq: 26 Jun 2019 15:17

Instrument :

BNA_F

ClientSampled :

BAT-B06

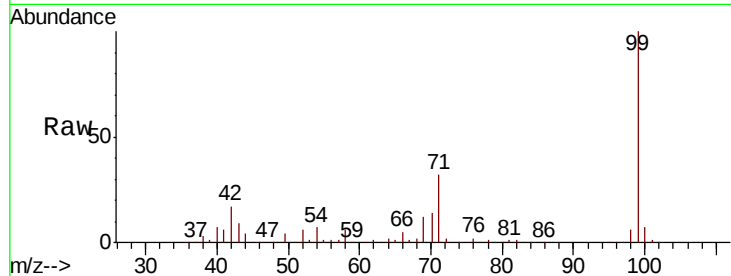
Tot Ion: 99 Resp: 948202

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

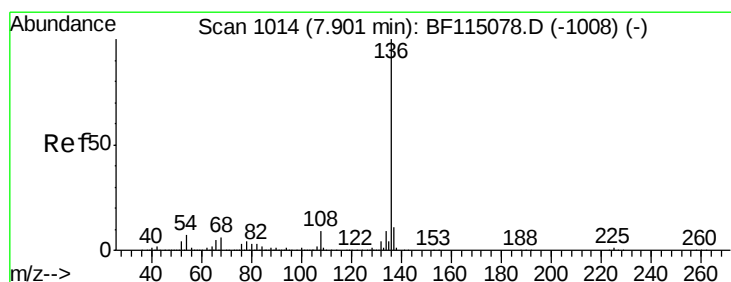
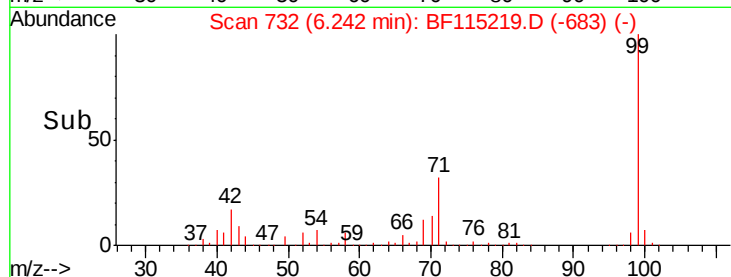
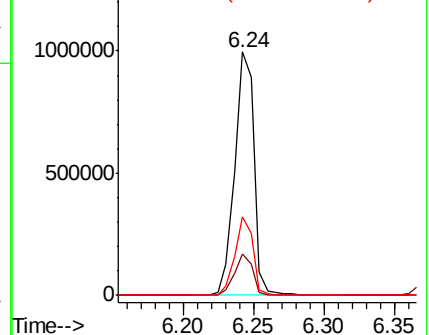
71 32.1 25.6 38.4



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: 7.89 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF115219.D

Acq: 26 Jun 2019 15:17

Tgt Ion: 136 Resp: 1065389

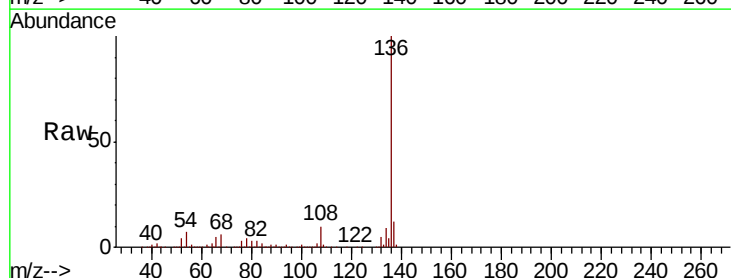
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 7.0 5.5 8.3

68 6.0 4.7 7.1

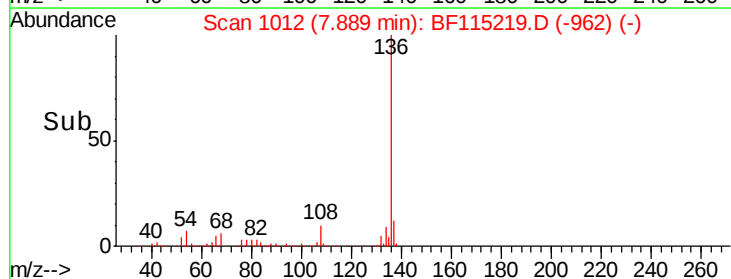
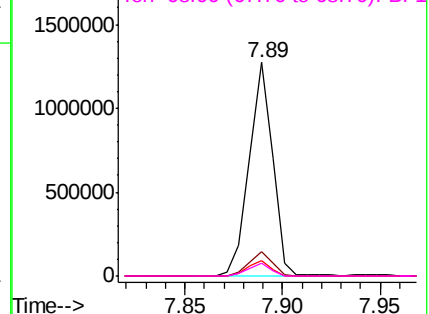


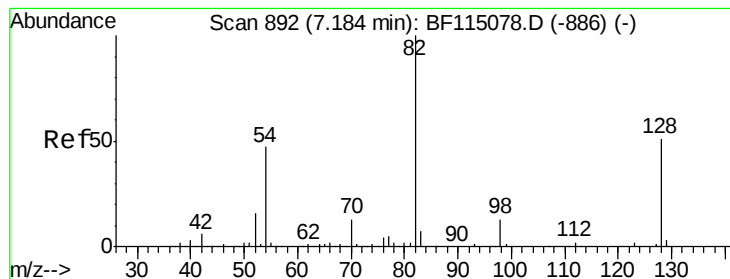
Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.142 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF115219.D

Acq: 26 Jun 2019 15:17

Instrument :

BNA_F

ClientSampleId :

BAT-B06

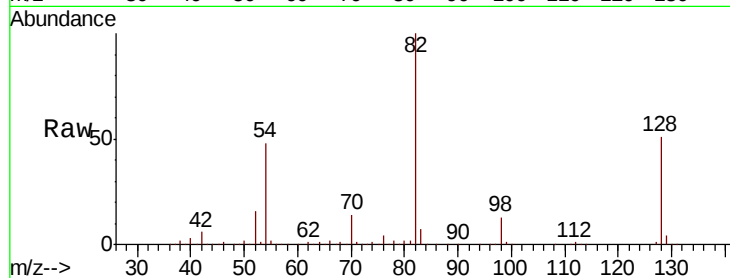
Tot Ion: 82 Resp: 1595809

Ion Ratio Lower Upper

82 100

128 50.5 41.0 61.4

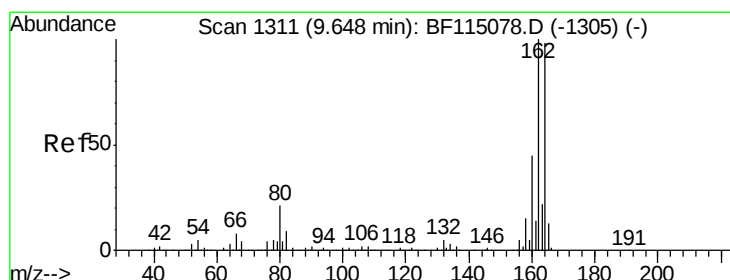
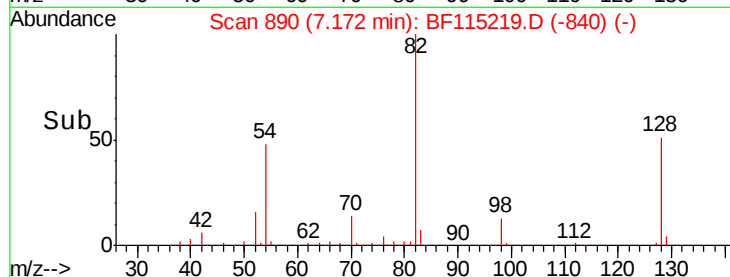
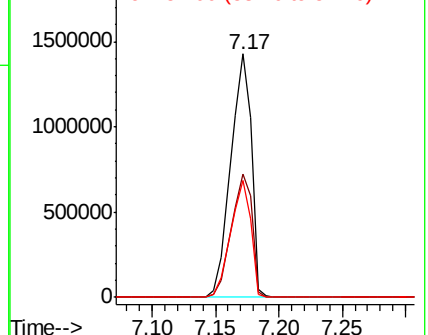
54 48.0 38.2 57.4



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: 9.64 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115219.D

Acq: 26 Jun 2019 15:17

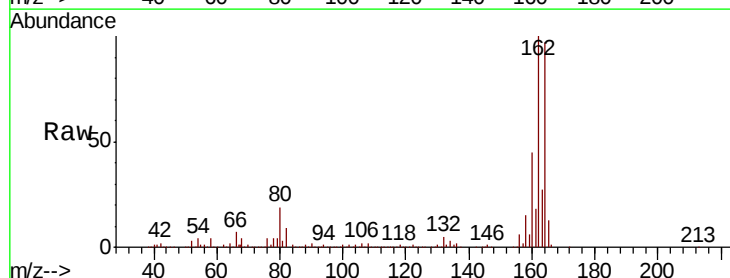
Tgt Ion:164 Resp: 540393

Ion Ratio Lower Upper

164 100

162 102.7 81.7 122.5

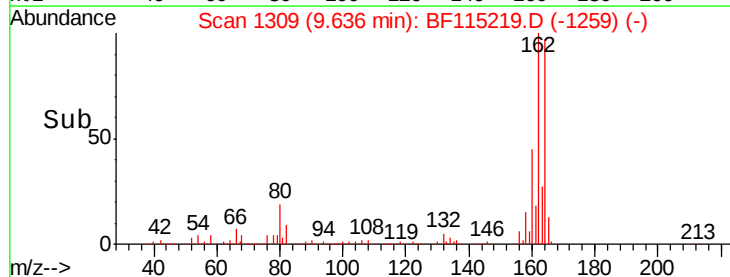
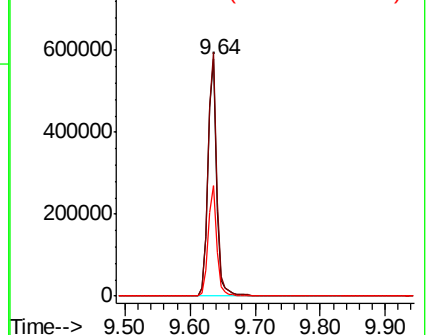
160 46.5 36.8 55.2

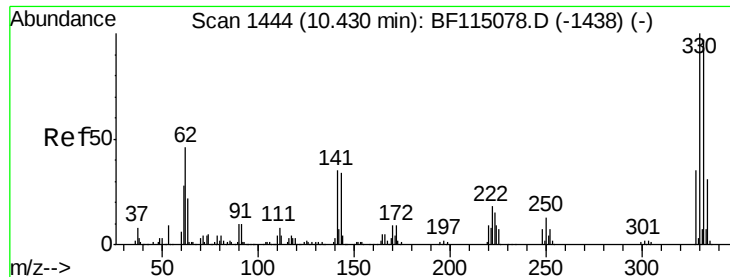


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

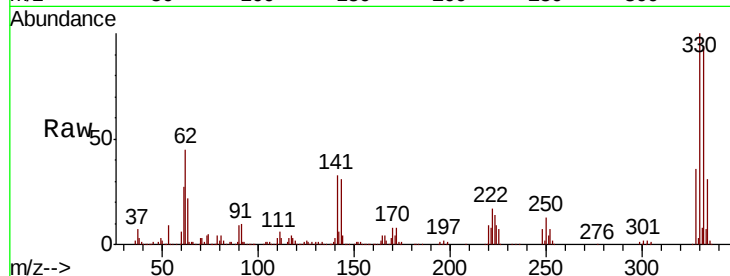




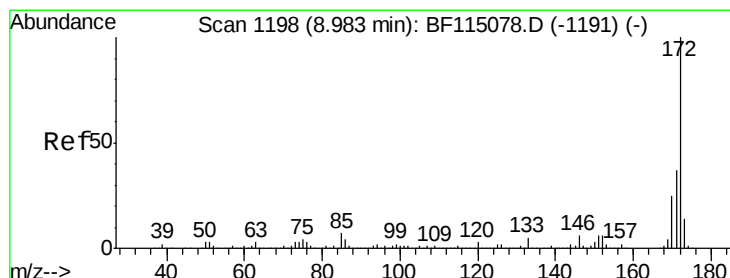
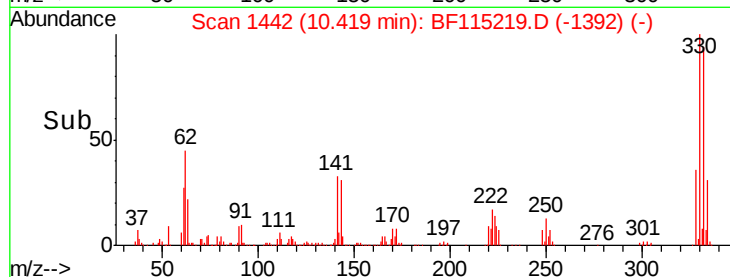
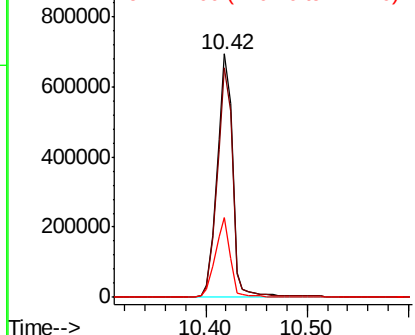
#42
 2,4,6-Tribromophenol
 Concen: 129.919 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF115219.D
 Acq: 26 Jun 2019 15:17

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B06

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.3	114.5
141	32.6	25.9	38.9

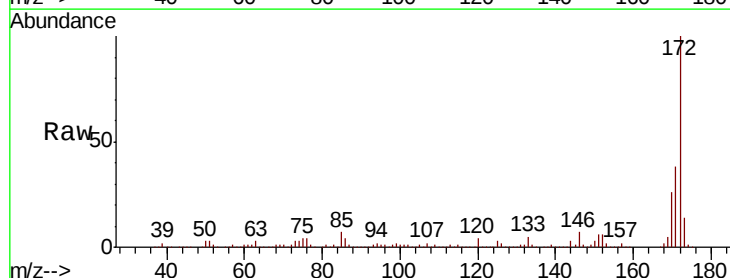


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

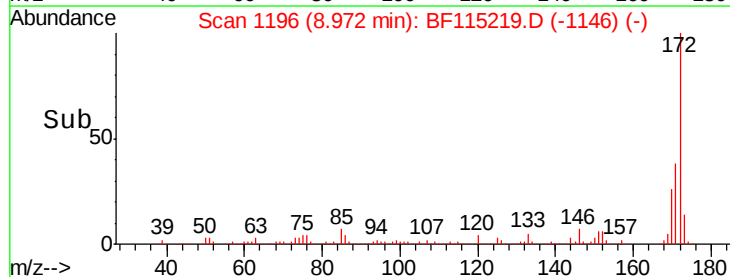
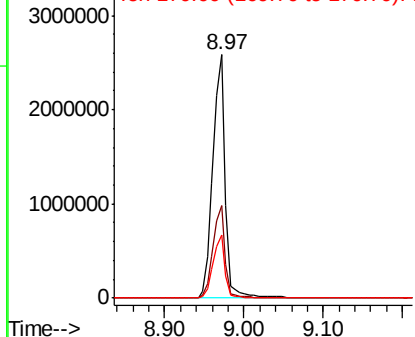


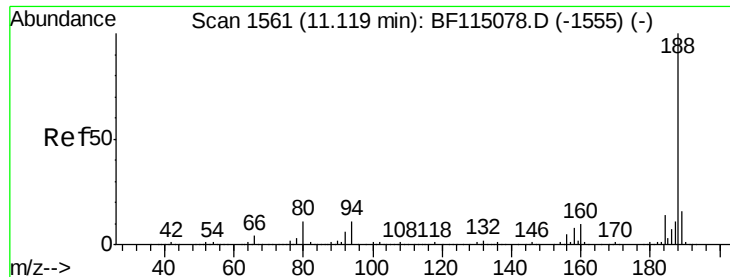
#45
 2-Fluorobiphenyl
 Concen: 88.945 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115219.D
 Acq: 26 Jun 2019 15:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.2	45.2
170	26.2	21.0	31.4



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

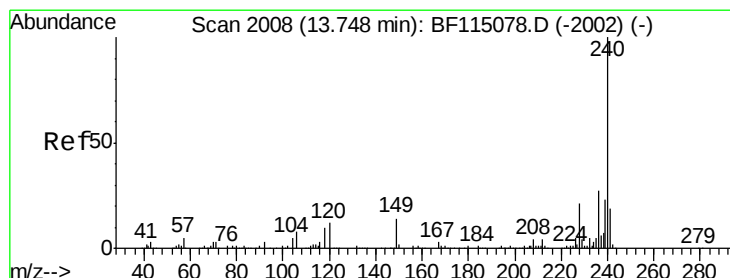
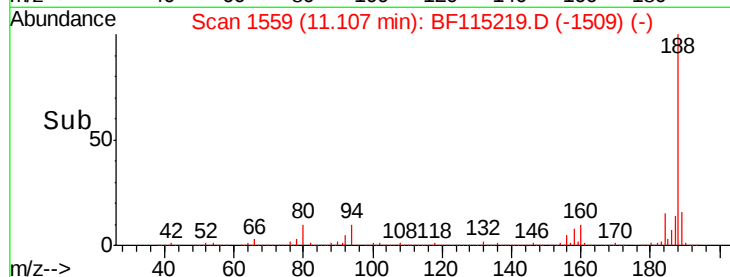
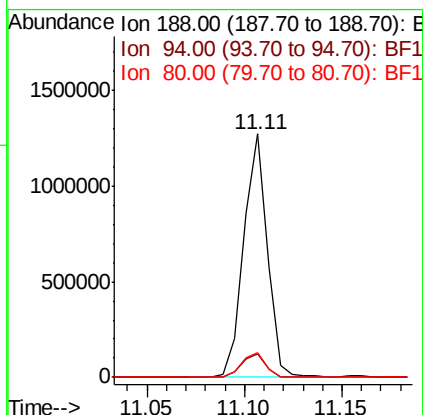
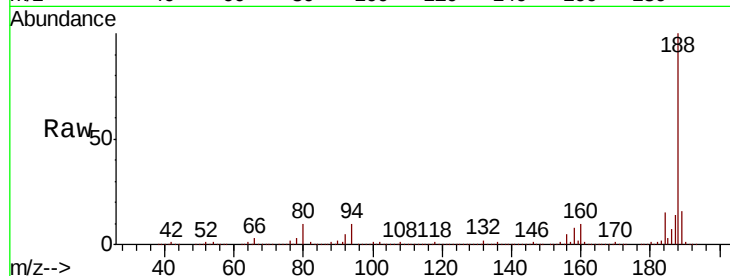




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115219.D
Acq: 26 Jun 2019 15:17

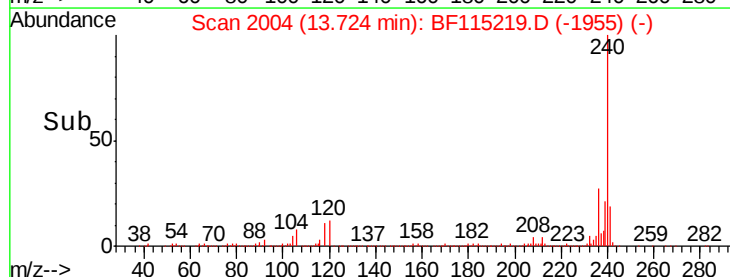
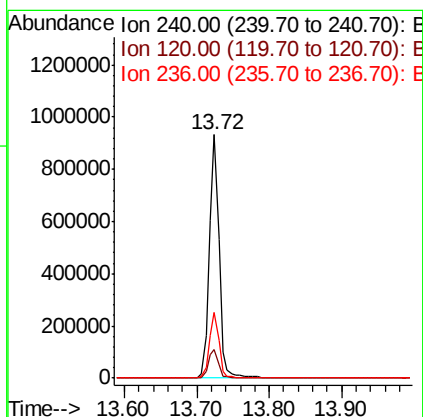
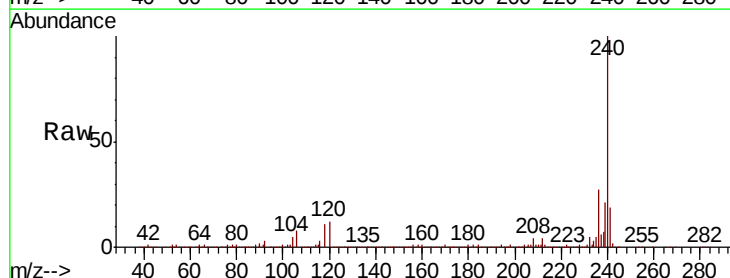
Instrument :
BNA_F
ClientSampleId :
BAT-B06

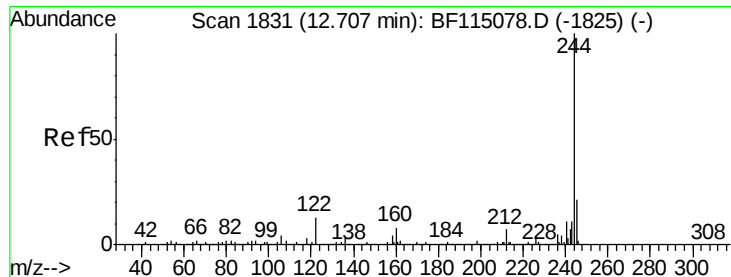
Tot Ion:188 Resp: 1067086
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 10.0 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF115219.D
Acq: 26 Jun 2019 15:17

Tgt Ion:240 Resp: 877398
Ion Ratio Lower Upper
240 100
120 11.8 8.6 13.0
236 27.2 21.8 32.6





#79

Terphenyl-d14

Concen: 80.971 ng

RT: 12.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF115219.D

Acq: 26 Jun 2019 15:17

Instrument :

BNA_F

ClientSampleId :

BAT-B06

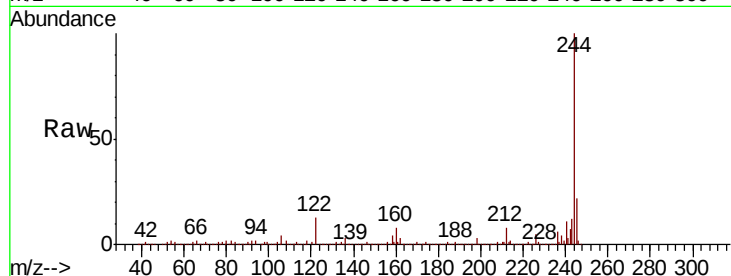
Tot Ion:244 Resp: 3341433

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

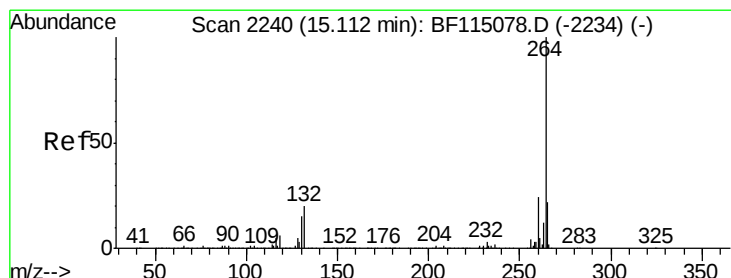
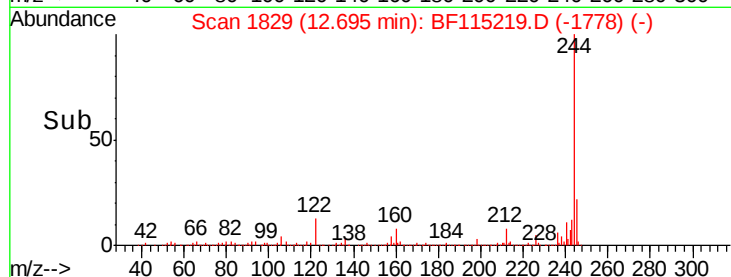
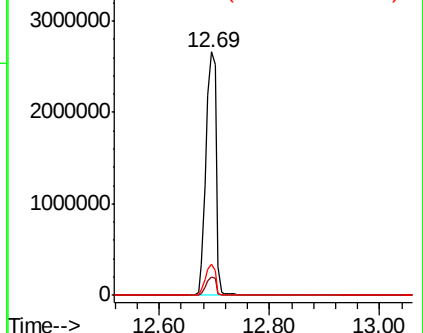
122 12.6 10.0 15.0



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: 15.09 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF115219.D

Acq: 26 Jun 2019 15:17

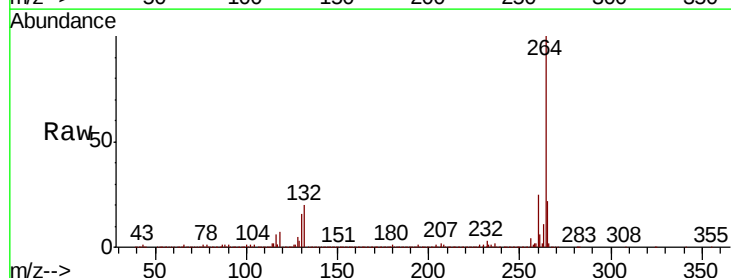
Tgt Ion:264 Resp: 807398

Ion Ratio Lower Upper

264 100

260 24.8 20.0 30.0

265 22.0 17.5 26.3



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

