

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116079.D
 Acq On : 8 Aug 2019 20:44
 Operator : HP/JU
 Sample : K4131-21
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-D1-D4-COMP-(0-1)

Quant Time: Aug 09 16:26:03 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	136462	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	525409	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	289794	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	562389	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	514283	20.00	ng	-0.01
87) Perylene-d12	15.46	264	481601	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	981533	120.41	ng	0.00
7) Phenol-d6	6.48	99	1161829	112.97	ng	0.00
23) Nitrobenzene-d5	7.40	82	910773	100.06	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	447814	159.39	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1563942	101.08	ng	-0.01
79) Terphenyl-d14	12.94	244	2117127	86.74	ng	0.00

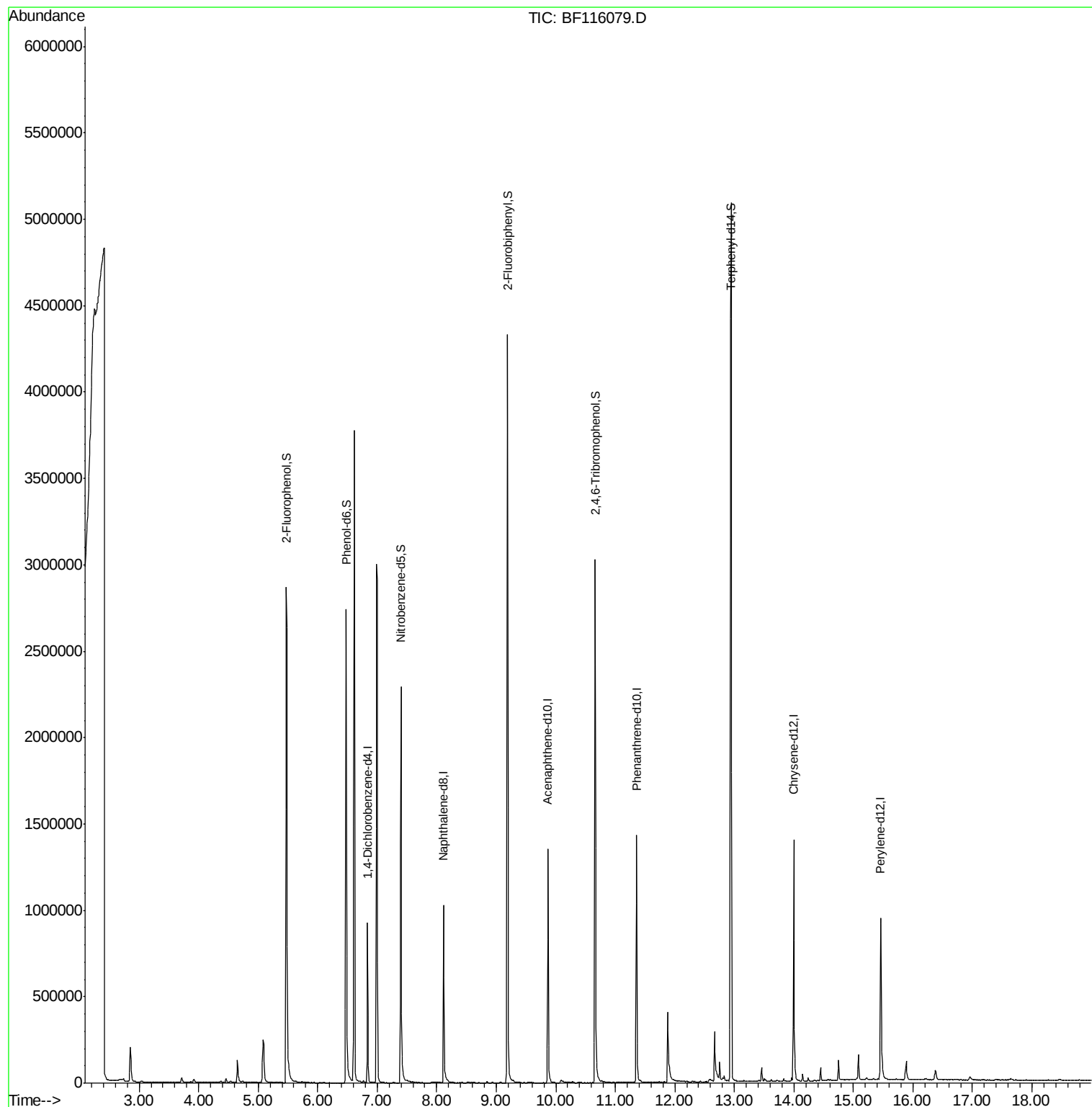
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116079.D
Acq On : 8 Aug 2019 20:44
Operator : HP/JU
Sample : K4131-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-D1-D4-COMP-(0-1)

Quant Time: Aug 09 16:26:03 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



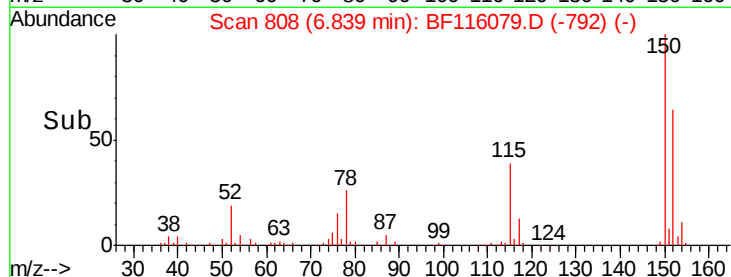
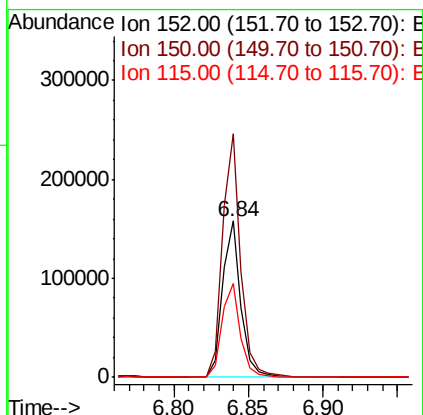
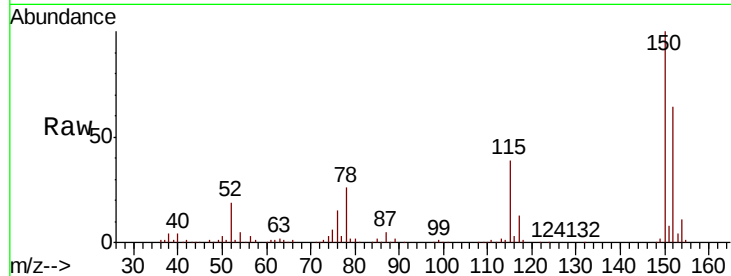


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116079.D
 Acq: 8 Aug 2019 20:44

Instrument :
 BNA_F
 ClientSampleId :
 1S-D1-D4-COMP-(0-1)

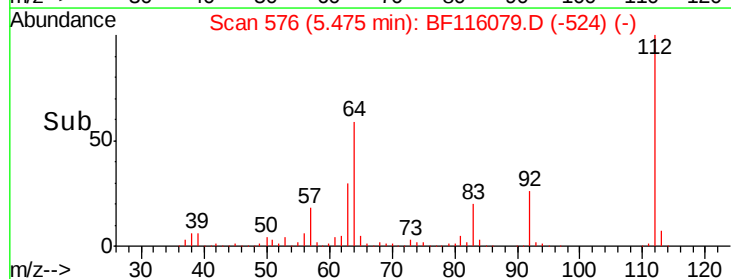
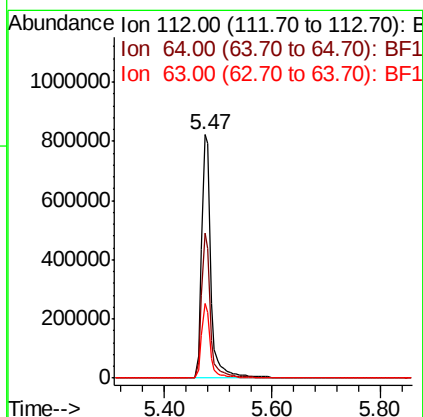
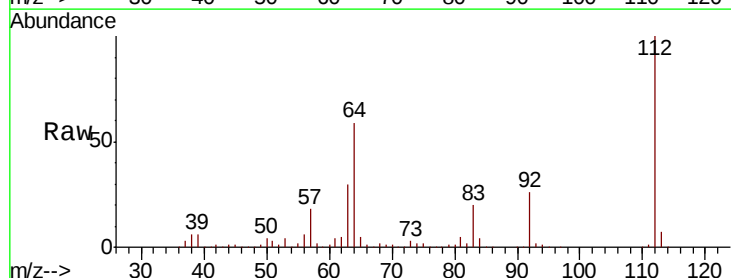
Tot Ion:152 Resp: 136462
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.2 189.2
 115 60.5 49.9 74.9



#5

2-Fluorophenol
 Concen: 120.411 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF116079.D
 Acq: 8 Aug 2019 20:44

Tgt Ion:112 Resp: 981533
 Ion Ratio Lower Upper
 112 100
 64 59.3 45.4 68.2
 63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 112.968 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116079.D

Acq: 8 Aug 2019 20:44

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(0-1)

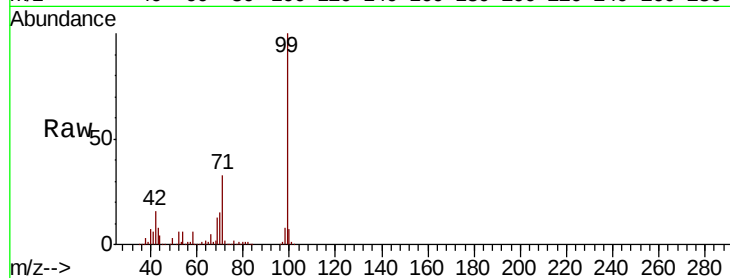
Tot Ion: 99 Resp: 1161829

Ion Ratio Lower Upper

99 100

42 16.3 13.8 20.8

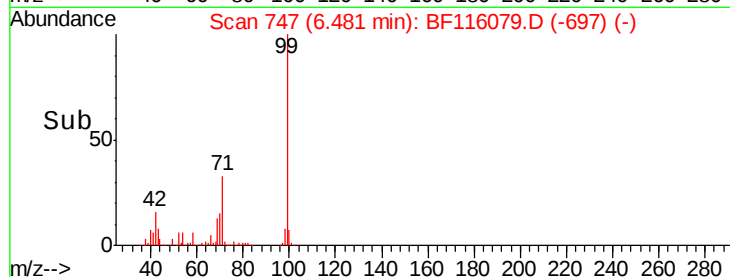
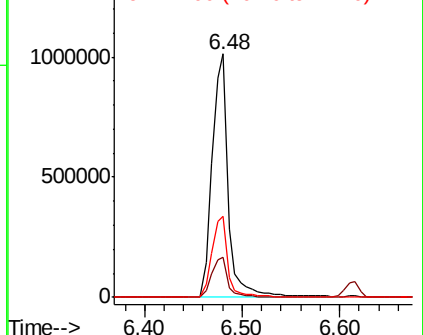
71 33.5 27.3 40.9



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: BF116079.D

Acq: 8 Aug 2019 20:44

Tgt Ion: 136 Resp: 525409

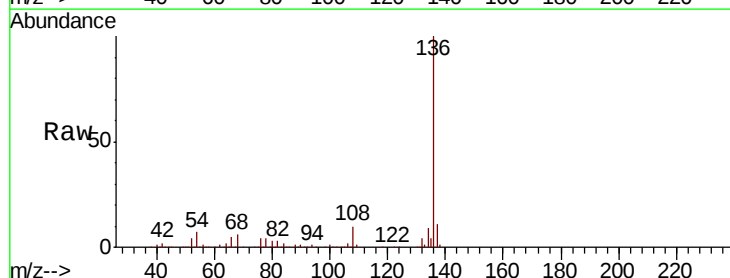
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.0 5.8 8.6

68 6.1 5.2 7.8

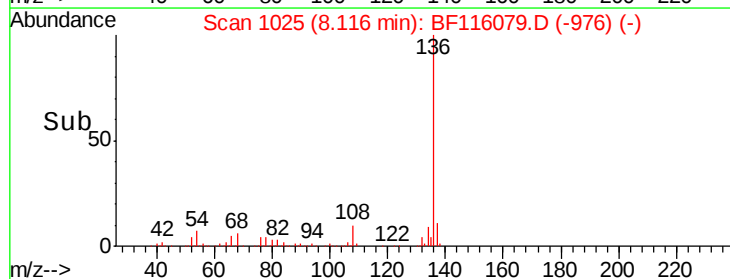
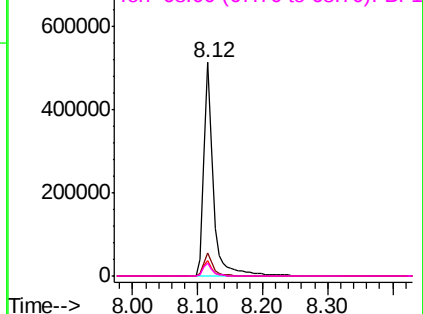


Abundance Ion 136.00 (135.70 to 136.70): E

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

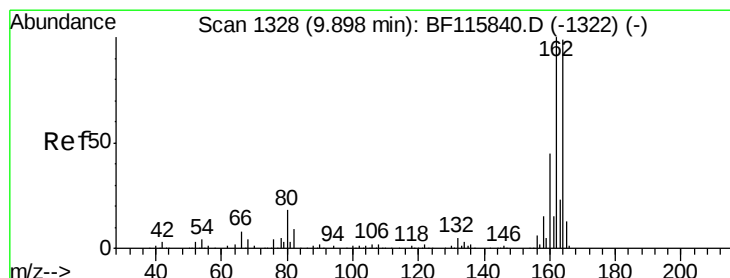
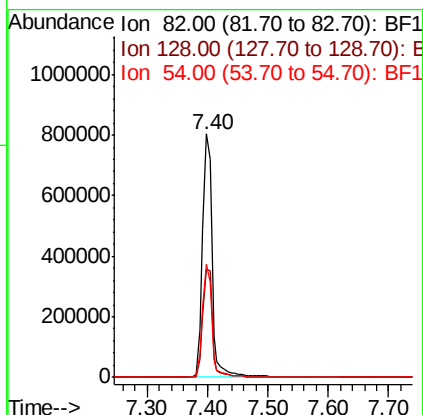
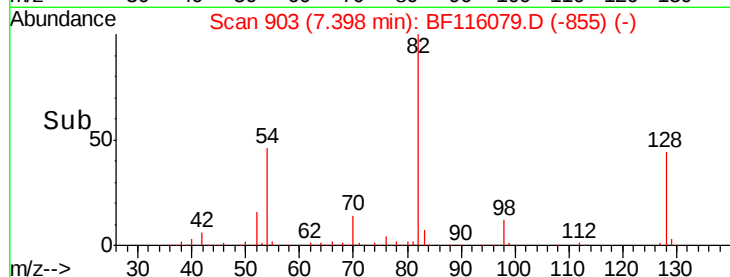
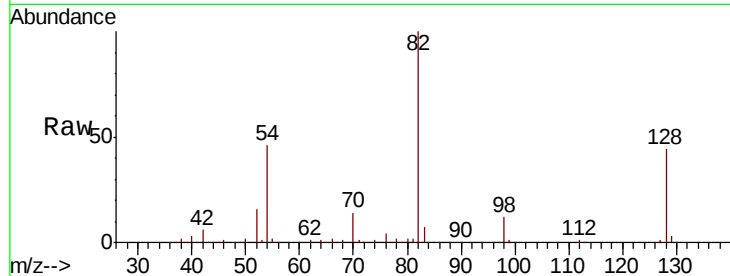




#23
Nitrobenzene-d5
Concen: 100.060 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116079.D
Acq: 8 Aug 2019 20:44

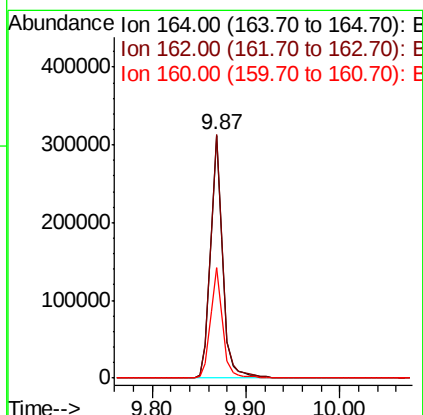
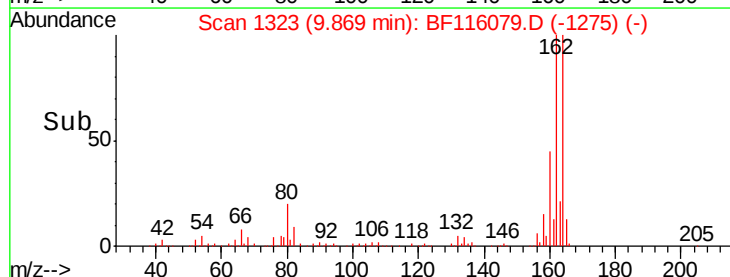
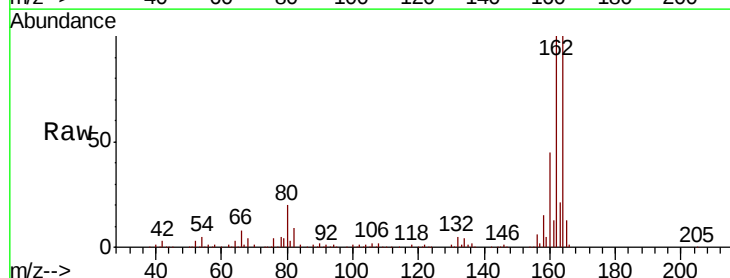
Instrument :
BNA_F
ClientSampleId :
1S-D1-D4-COMP-(0-1)

Tot Ion: 82 Resp: 910773
Ion Ratio Lower Upper
82 100
128 44.4 36.5 54.7
54 46.5 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: BF116079.D
Acq: 8 Aug 2019 20:44

Tgt Ion:164 Resp: 289794
Ion Ratio Lower Upper
164 100
162 100.5 82.6 124.0
160 45.5 37.6 56.4

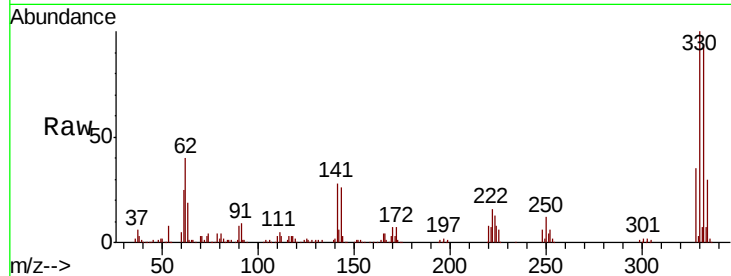




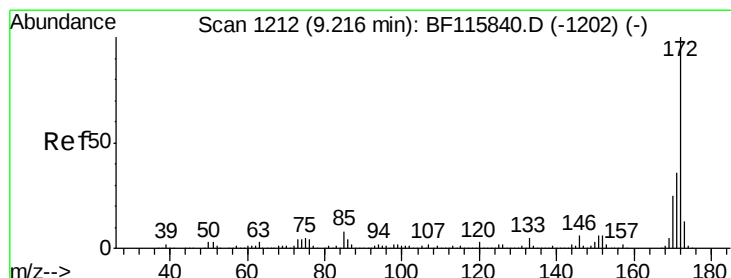
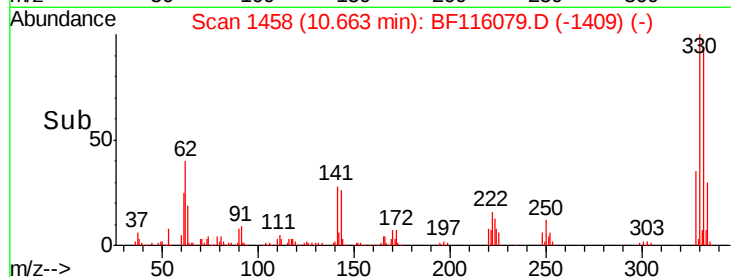
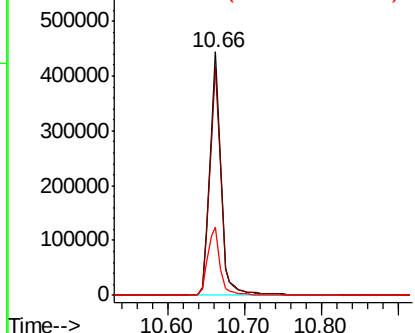
#42
 2,4,6-Tribromophenol
 Concen: 159.385 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116079.D
 Acq: 8 Aug 2019 20:44

Instrument :
 BNA_F
 ClientSampleId :
 1S-D1-D4-COMP-(0-1)

Tot Ion:330 Resp: 447814
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.8 115.2
 141 31.6 26.3 39.5

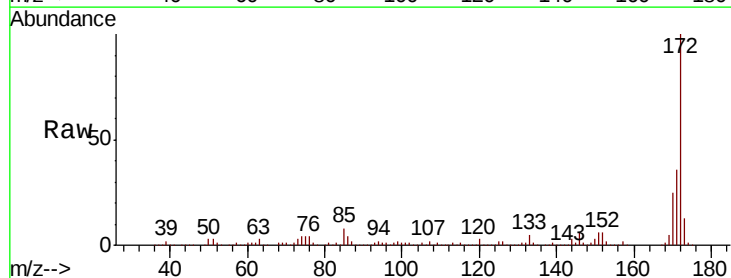


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

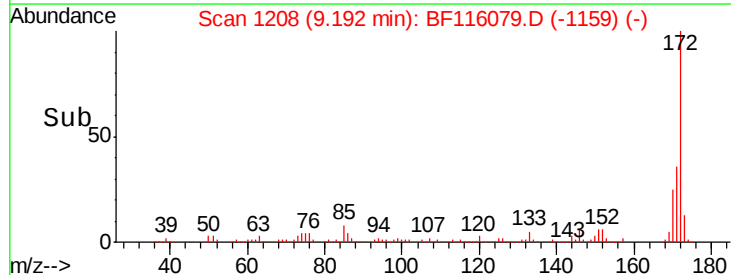
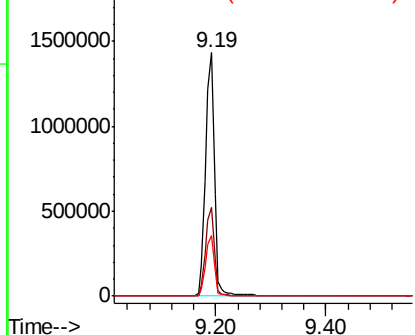


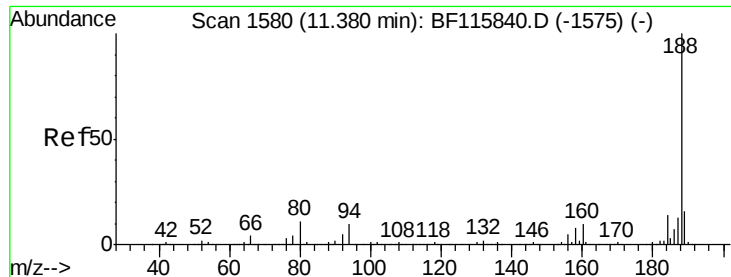
#45
 2-Fluorobiphenyl
 Concen: 101.085 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116079.D
 Acq: 8 Aug 2019 20:44

Tgt Ion:172 Resp: 1563942
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 25.0 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: BF116079.D

Acq: 8 Aug 2019 20:44

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(0-1)

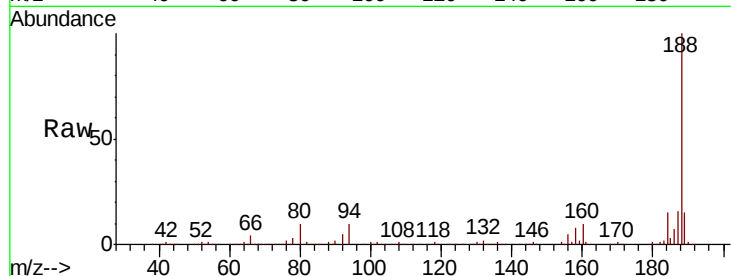
Tot Ion:188 Resp: 562389

Ion Ratio Lower Upper

188 100

94 9.5 8.1 12.1

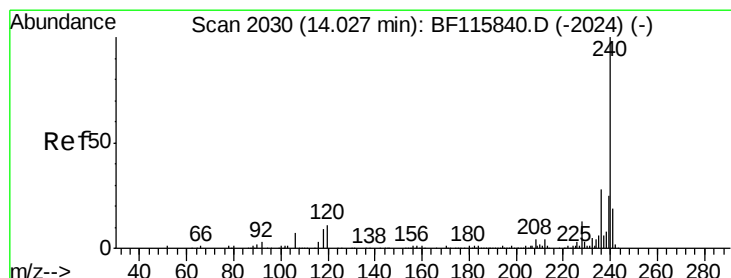
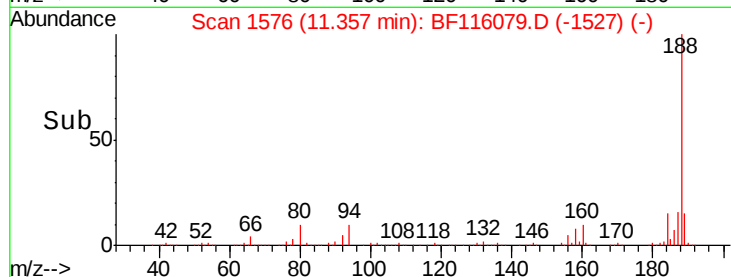
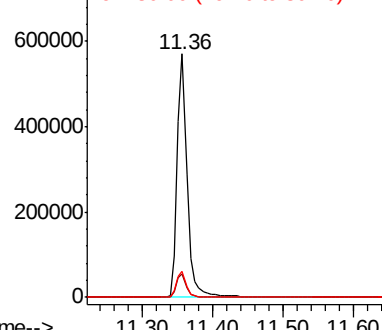
80 10.4 8.7 13.1



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: BF116079.D

Acq: 8 Aug 2019 20:44

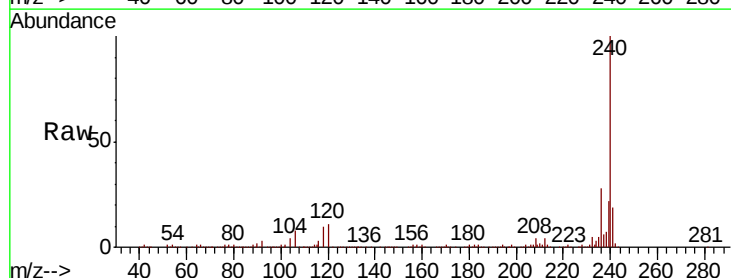
Tgt Ion:240 Resp: 514283

Ion Ratio Lower Upper

240 100

120 11.4 10.7 16.1

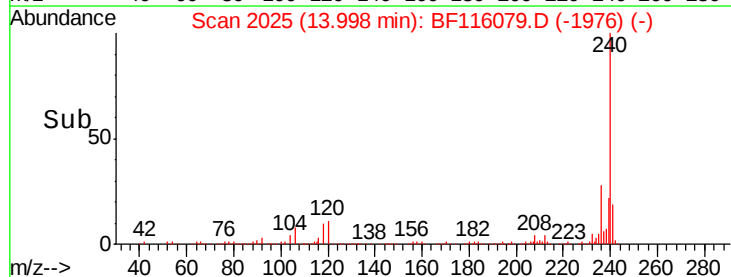
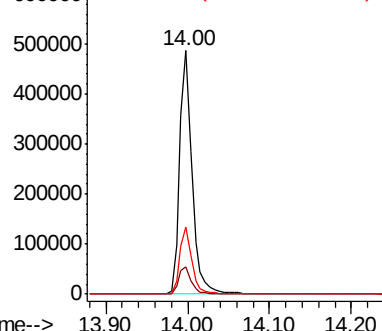
236 27.6 22.2 33.2



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





#79

Terphenyl-d14

Concen: 86.745 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116079.D

Acq: 8 Aug 2019 20:44

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(0-1)

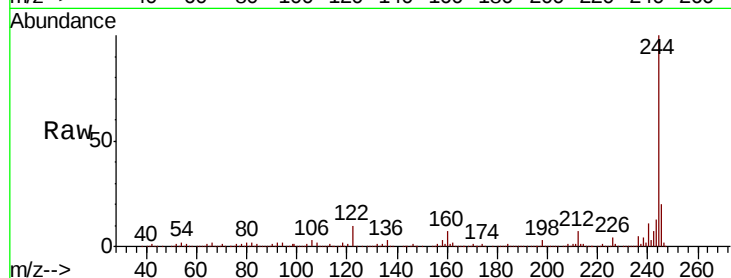
Tot Ion:244 Resp: 2117127

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

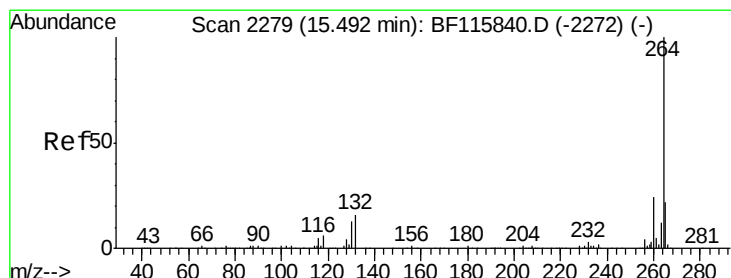
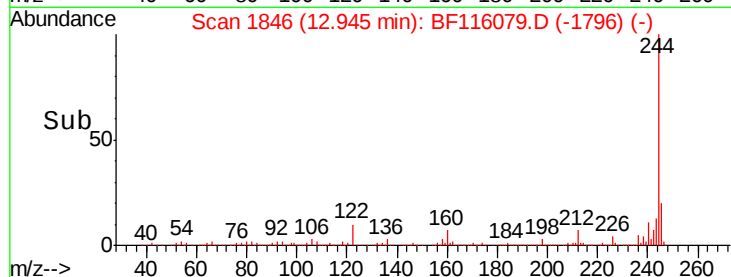
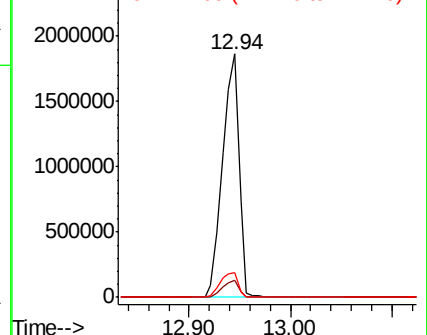
122 10.0 9.0 13.4



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# 2273

Delta R.T. -0.02 min

Lab File: BF116079.D

Acq: 8 Aug 2019 20:44

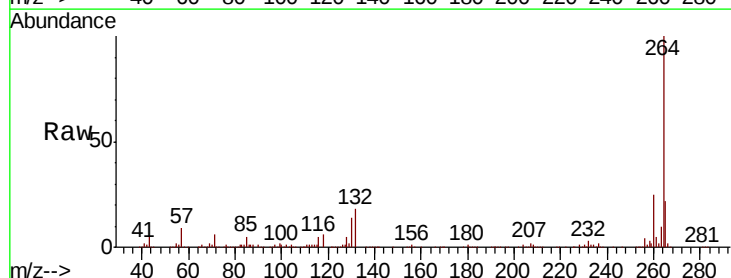
Tgt Ion:264 Resp: 481601

Ion Ratio Lower Upper

264 100

260 24.5 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

