

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111569.D
 Acq On : 18 Dec 2018 6:05
 Operator : JU/SJ
 Sample : J6403-48
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-B

Quant Time: Dec 18 07:28:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	123026	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	447678	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	200346	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	328326	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	286199	20.00	ng	0.00
87) Perylene-d12	15.38	264	199471	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	922303	124.75	ng	0.02
7) Phenol-d6	6.44	99	1034467	105.19	ng	0.00
23) Nitrobenzene-d5	7.35	82	790987	105.21	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	251019	139.87	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1443258	111.27	ng	-0.01
79) Terphenyl-d14	12.89	244	1139090	93.46	ng	0.00

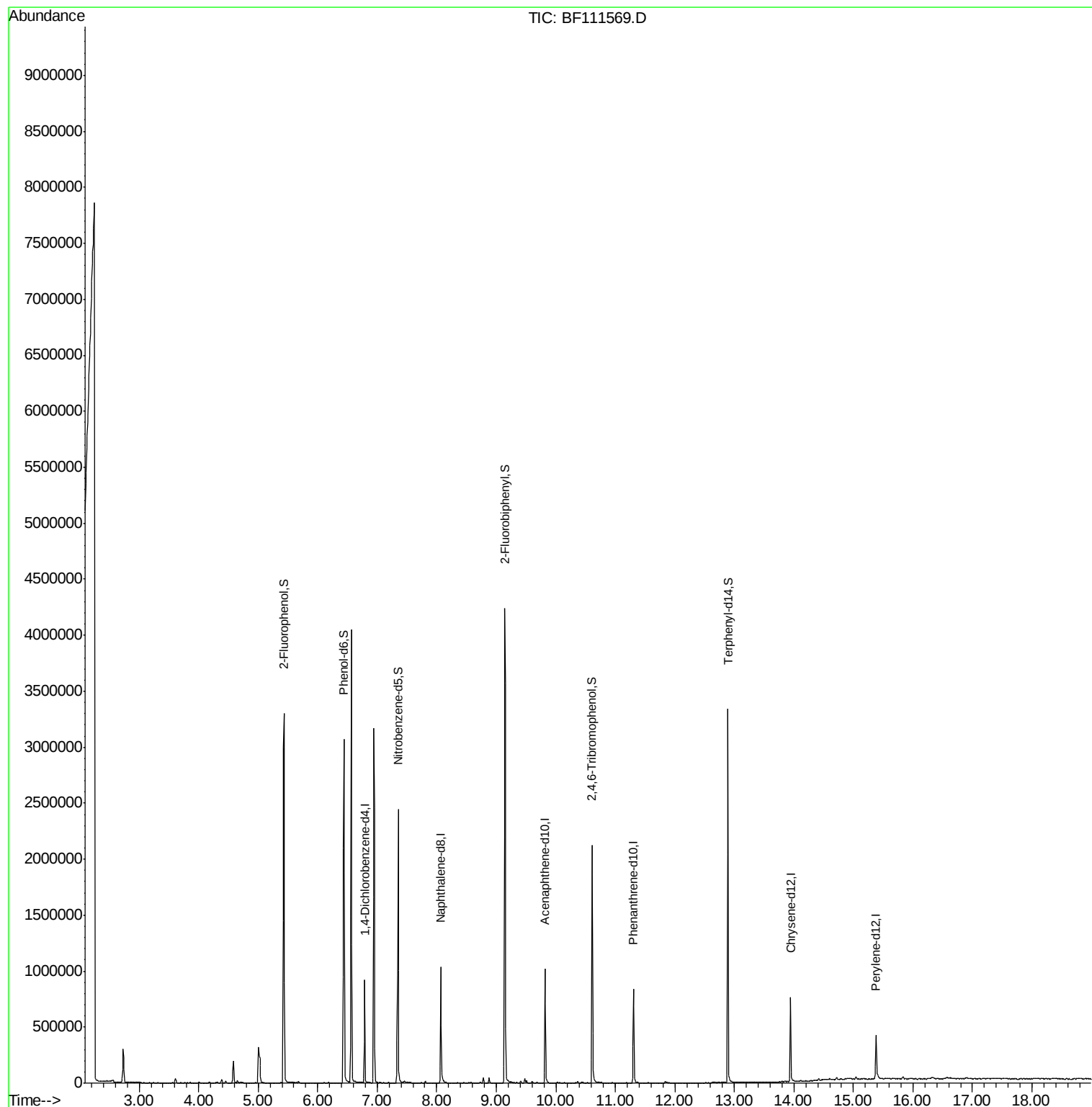
Target Compounds Qvalue

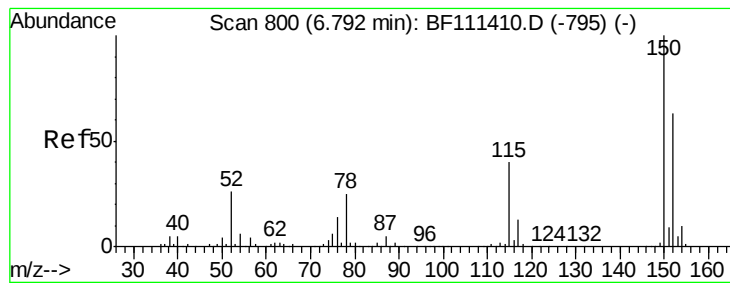
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF111569.D

Acq: 18 Dec 2018 6:05

Instrument :

BNA_F

ClientSampleId :

TP-6-B

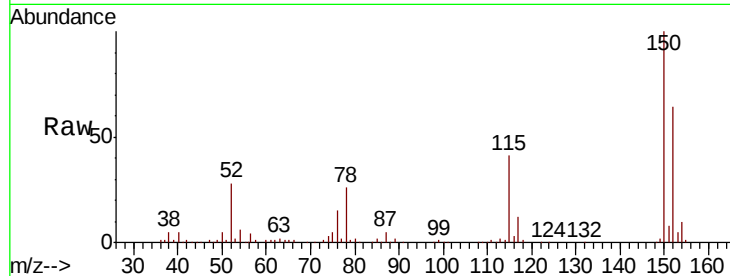
Tot Ion:152 Resp: 123026

Ion Ratio Lower Upper

152 100

150 155.6 126.6 189.8

115 64.2 50.7 76.1

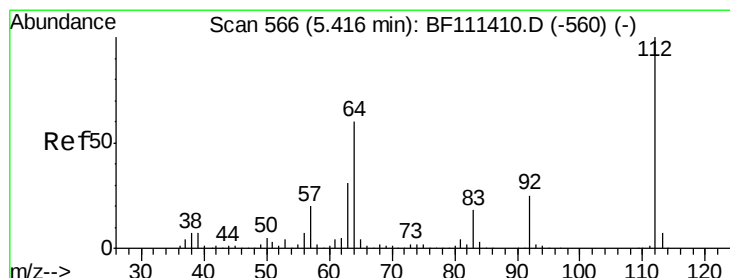
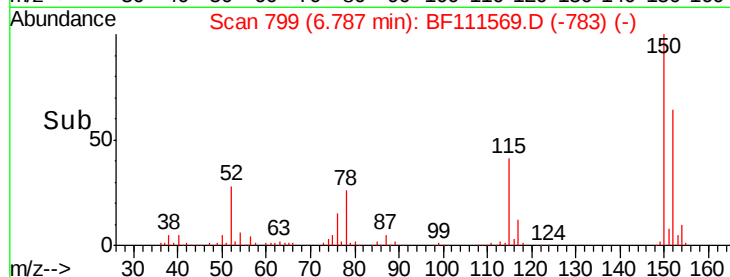
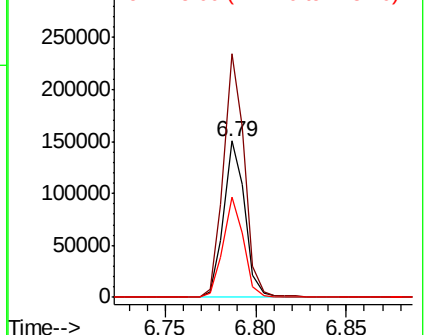


Abundance

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: 124.751 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF111569.D

Acq: 18 Dec 2018 6:05

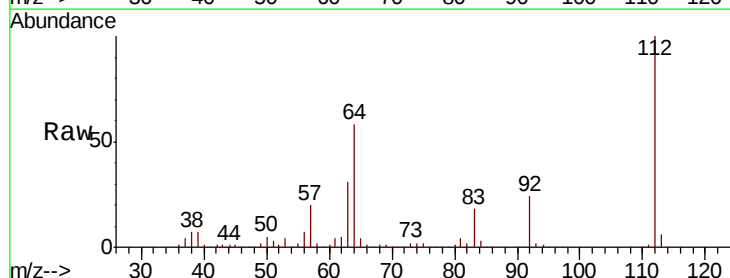
Tgt Ion:112 Resp: 922303

Ion Ratio Lower Upper

112 100

64 57.6 51.8 77.6

63 30.9 26.8 40.2

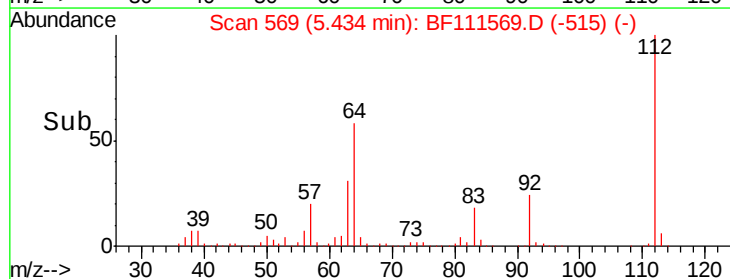
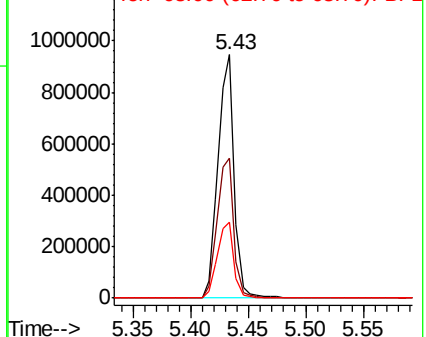


Abundance

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: 105.191 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111569.D

Acq: 18 Dec 2018 6:05

Instrument :

BNA_F

ClientSampled :

TP-6-B

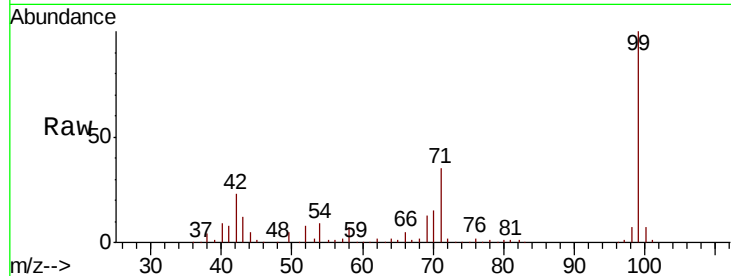
Tot Ion: 99 Resp: 1034467

Ion Ratio Lower Upper

99 100

42 23.3 17.4 26.0

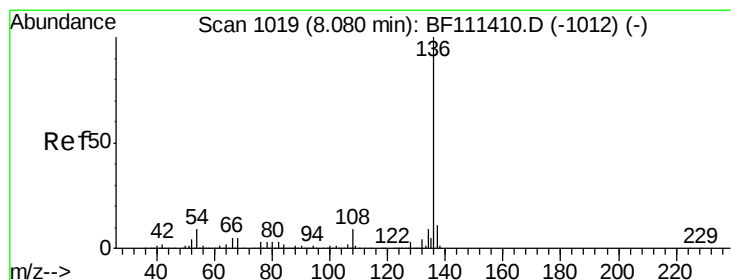
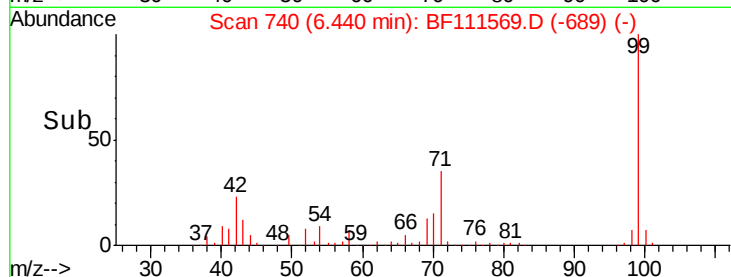
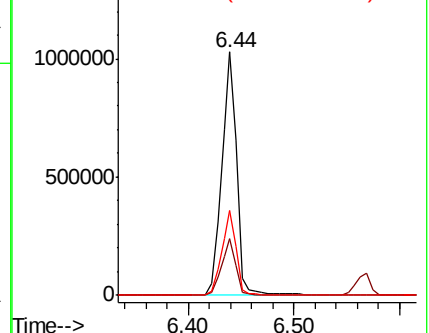
71 34.7 26.1 39.1



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: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF111569.D

Acq: 18 Dec 2018 6:05

Tgt Ion: 136 Resp: 447678

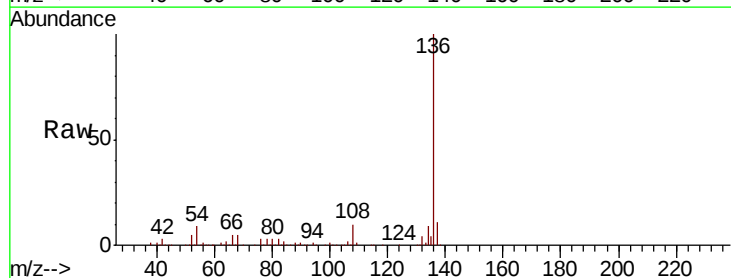
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.1 7.7 11.5

68 4.5 4.9 7.3#

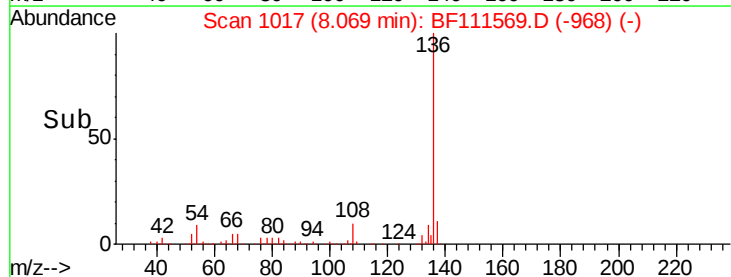
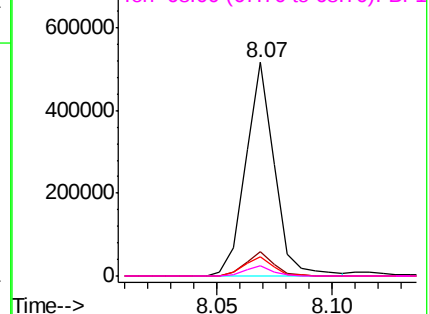


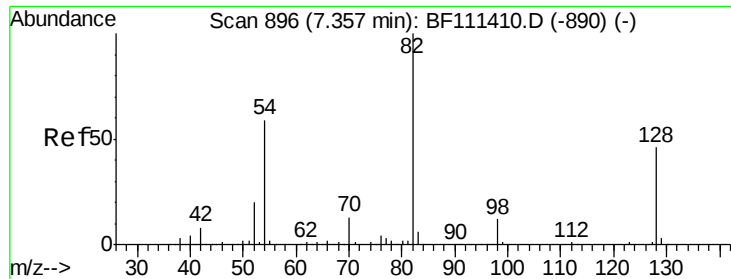
Abundance Ion 136.00 (135.70 to 136.70): E

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

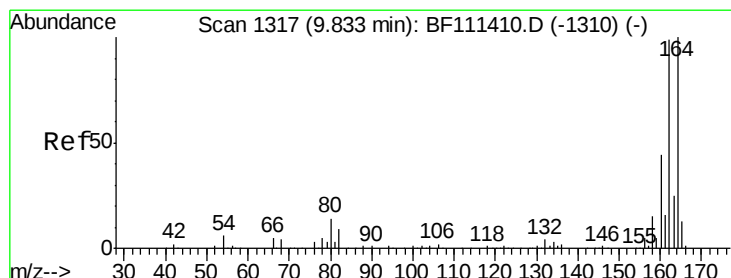
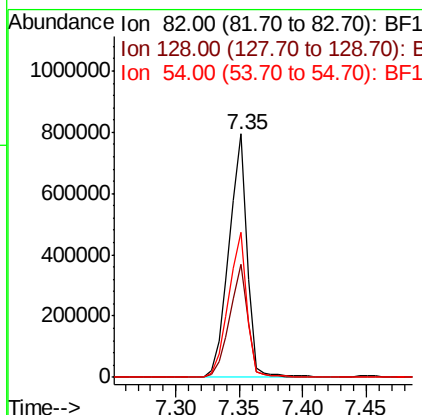
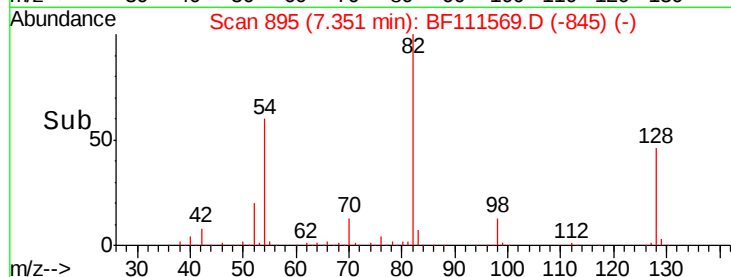
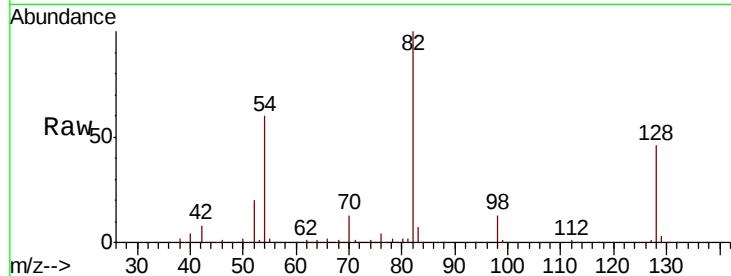




#23
 Nitrobenzene-d5
 Concen: 105.215 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111569.D
 Acq: 18 Dec 2018 6:05

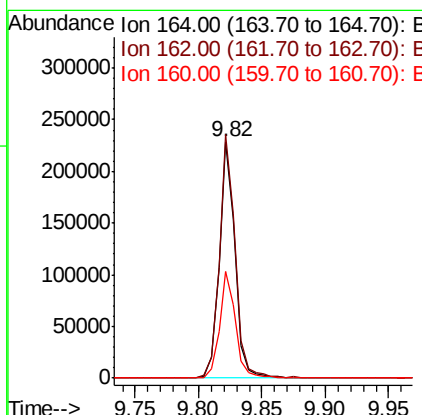
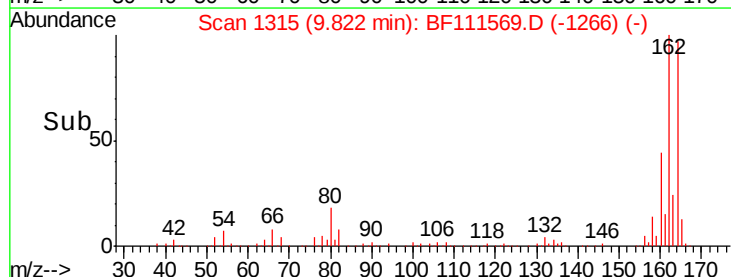
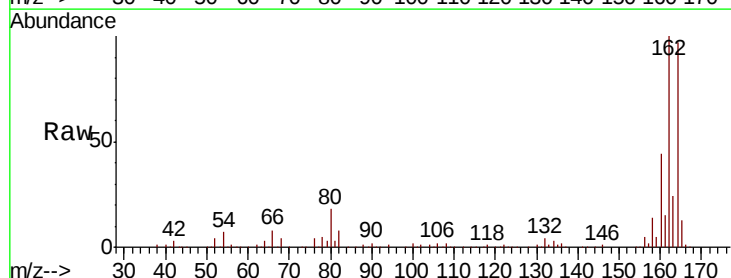
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-B

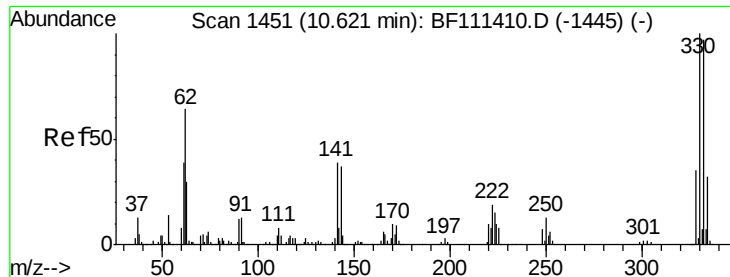
Tot Ion: 82 Resp: 790987
 Ion Ratio Lower Upper
 82 100
 128 46.4 37.4 56.2
 54 59.8 47.6 71.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF111569.D
 Acq: 18 Dec 2018 6:05

Tgt Ion: 164 Resp: 200346
 Ion Ratio Lower Upper
 164 100
 162 103.0 81.4 122.0
 160 45.0 35.7 53.5

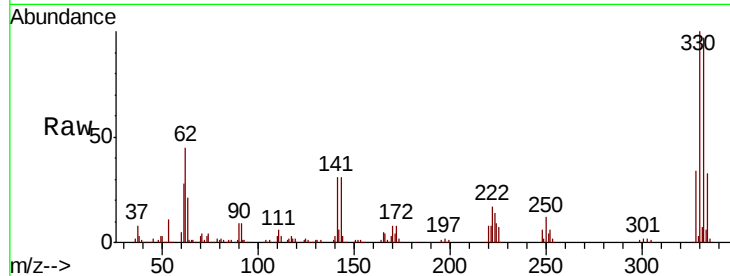




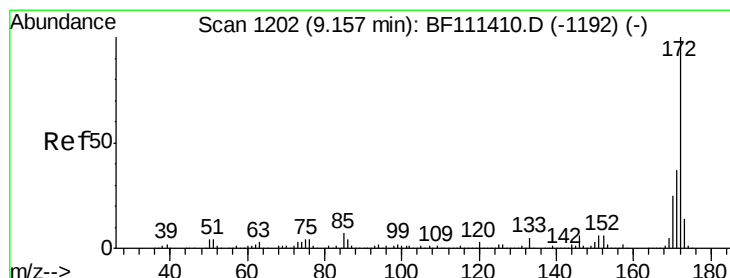
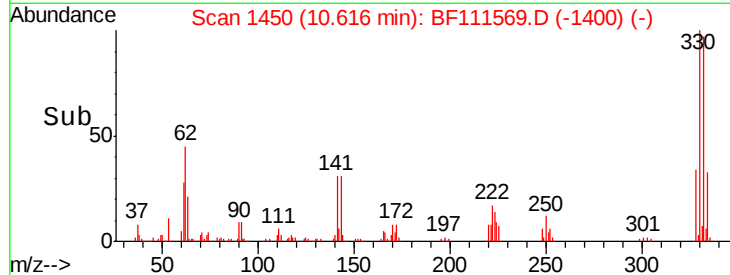
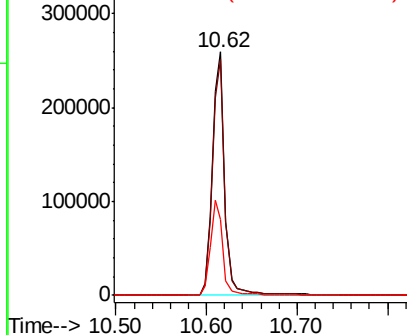
#42
 2,4,6-Tribromophenol
 Concen: 139.869 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111569.D
 Acq: 18 Dec 2018 6:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.0	114.0
141	39.5	31.0	46.6

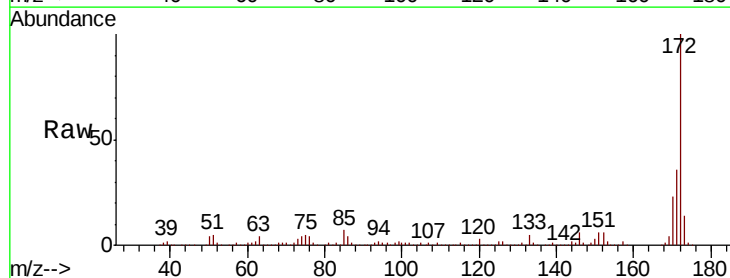


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

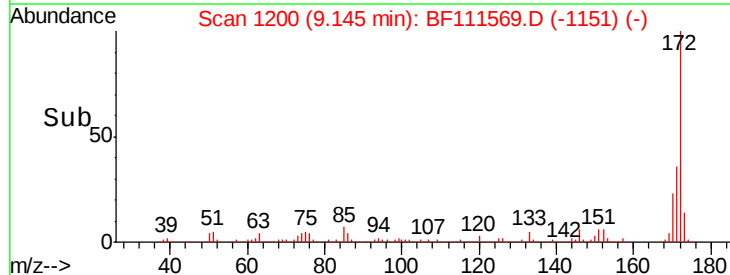
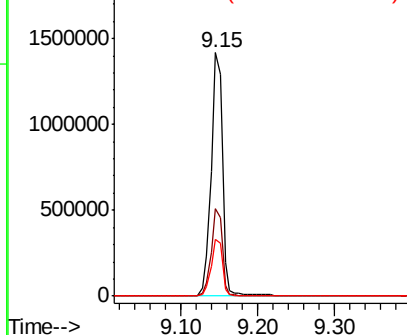


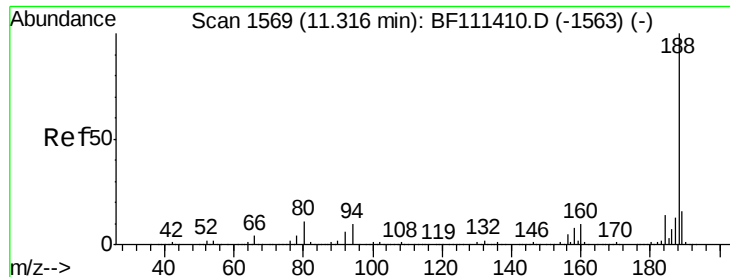
#45
 2-Fluorobiphenyl
 Concen: 111.273 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111569.D
 Acq: 18 Dec 2018 6:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	33.0	49.4
170	23.1	22.3	33.5



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: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF111569.D

Acq: 18 Dec 2018 6:05

Instrument :

BNA_F

ClientSampleId :

TP-6-B

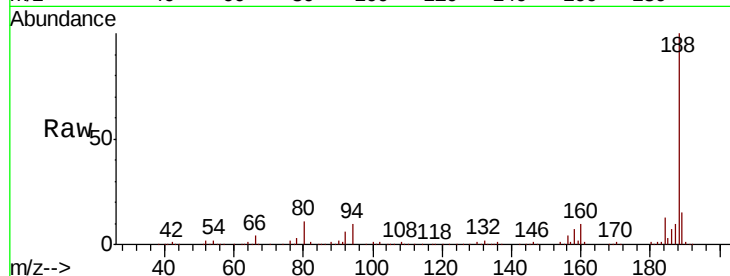
Tot Ion:188 Resp: 328326

Ion Ratio Lower Upper

188 100

94 9.7 9.6 14.4

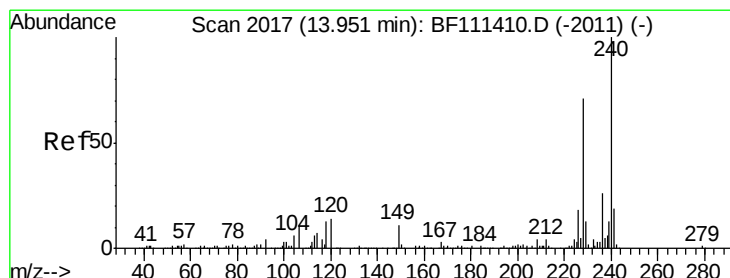
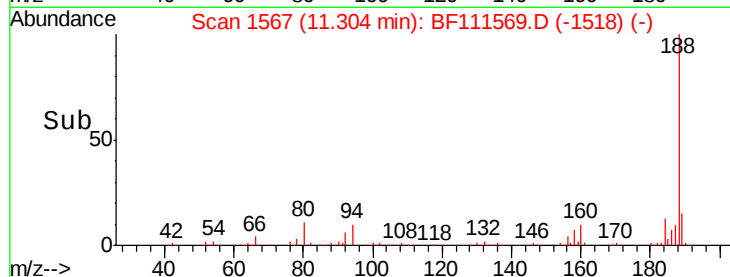
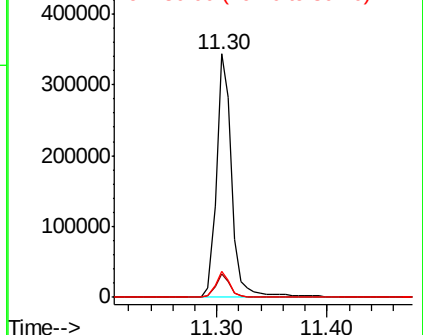
80 10.6 9.8 14.6



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: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111569.D

Acq: 18 Dec 2018 6:05

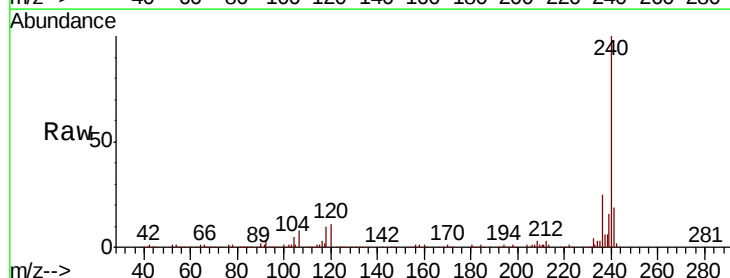
Tgt Ion:240 Resp: 286199

Ion Ratio Lower Upper

240 100

120 11.4 12.2 18.2#

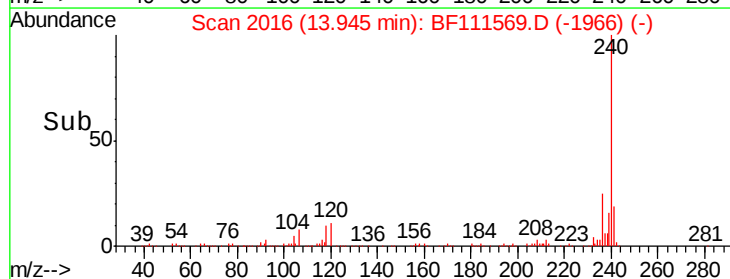
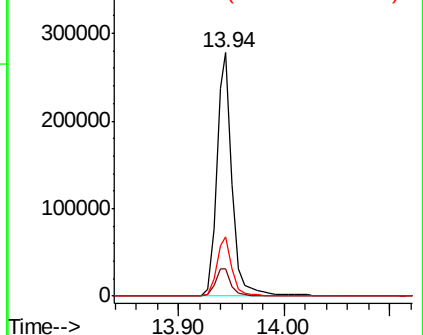
236 24.5 20.2 30.2

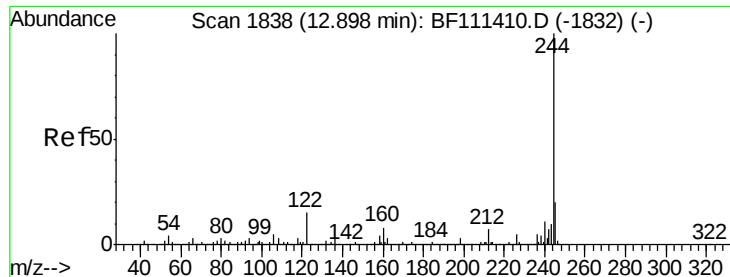


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.461 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111569.D

Acq: 18 Dec 2018 6:05

Instrument :

BNA_F

ClientSampleId :

TP-6-B

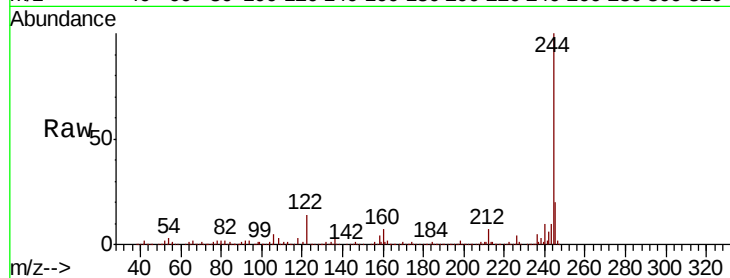
Tot Ion:244 Resp: 1139090

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

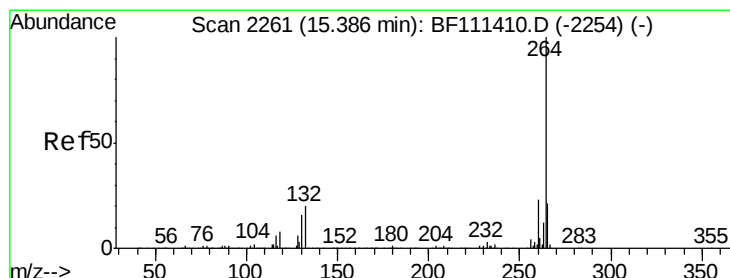
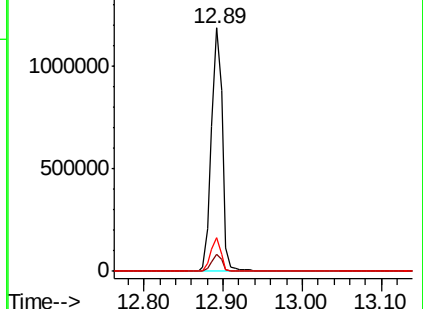
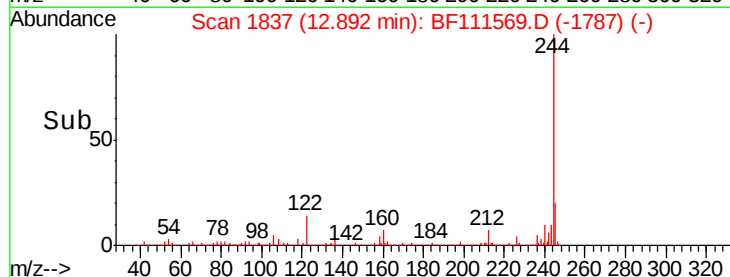
122 13.6 13.1 19.7



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: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF111569.D

Acq: 18 Dec 2018 6:05

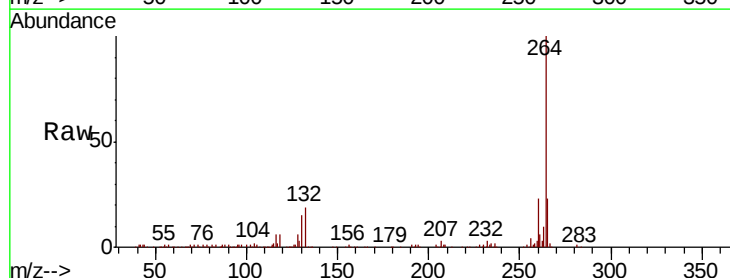
Tgt Ion:264 Resp: 199471

Ion Ratio Lower Upper

264 100

260 22.5 18.3 27.5

265 23.0 17.7 26.5



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

