

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF109998.D
 Acq On : 19 Oct 2018 13:20
 Operator : JU/SJ
 Sample : J5569-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-FD-01

Quant Time: Oct 20 00:24:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	220722	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	870381	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	407633	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	749751	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	522227	20.00	ng	-0.02
87) Perylene-d12	15.67	264	359147	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	739799	53.13	ng	0.00
7) Phenol-d6	6.59	99	587736	33.99	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1185159	91.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	442388	125.35	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2040497	79.87	ng	-0.01
79) Terphenyl-d14	13.09	244	1804224	72.55	ng	-0.01

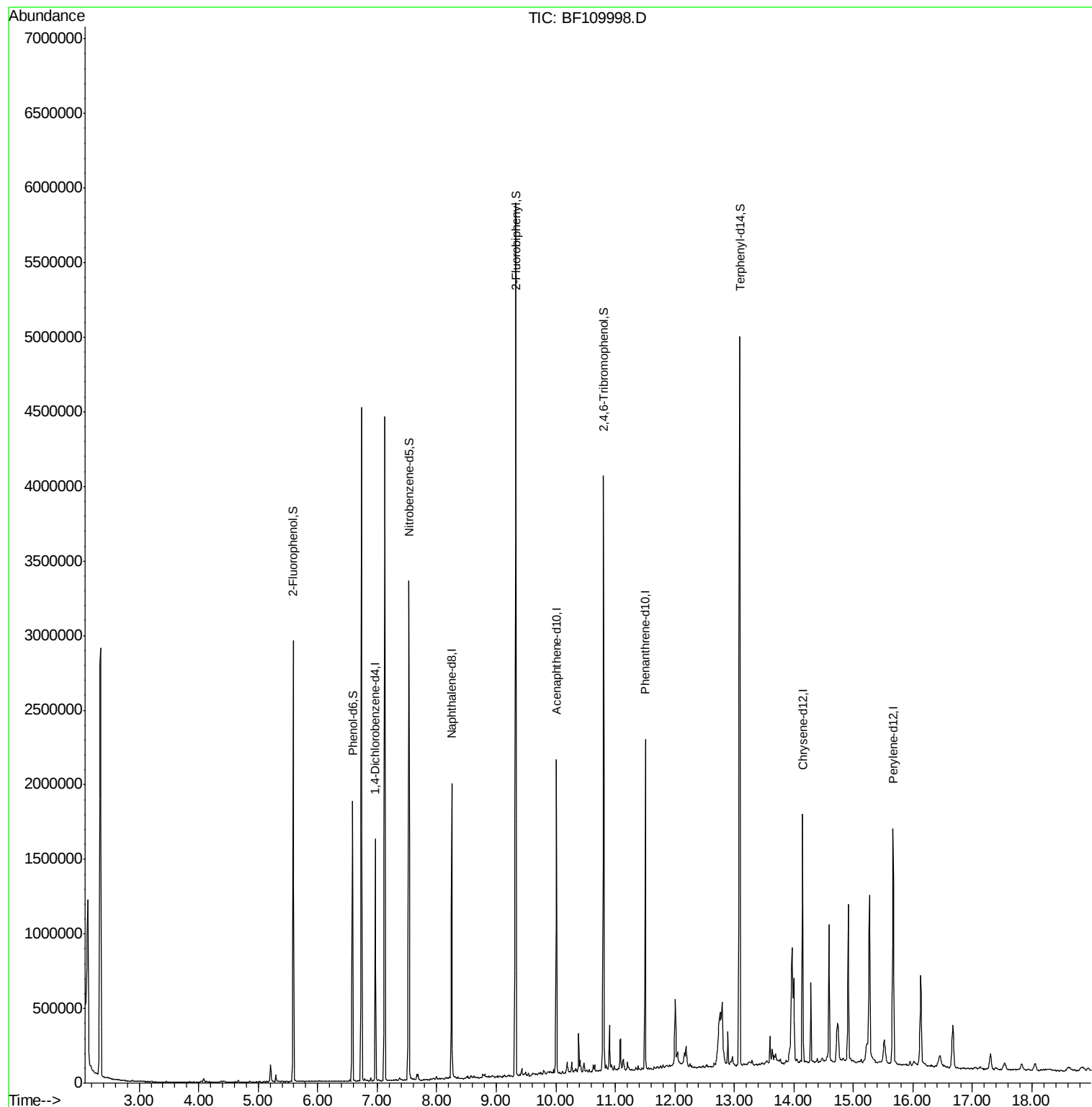
Target Compounds	Qvalue
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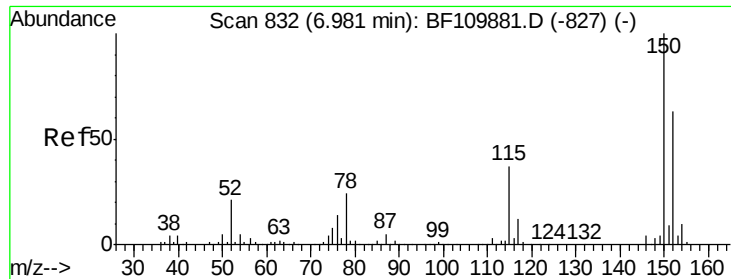
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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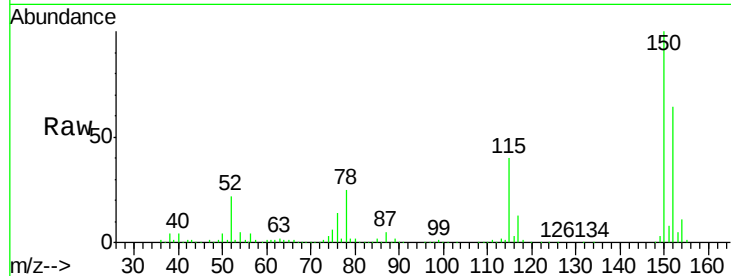




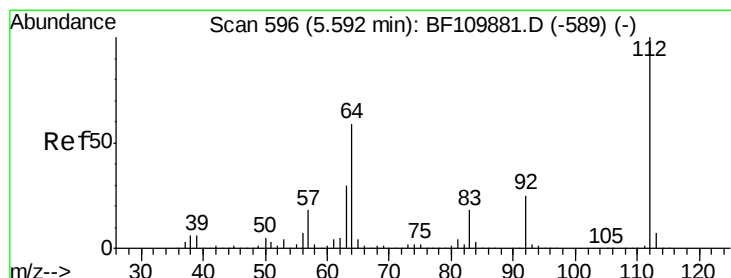
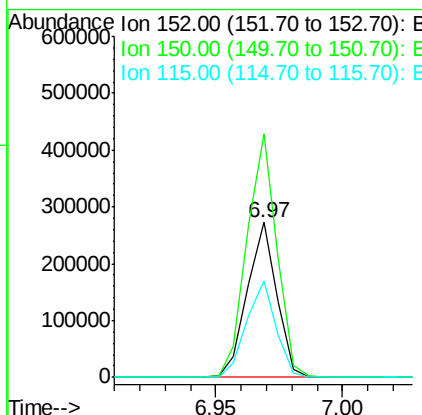
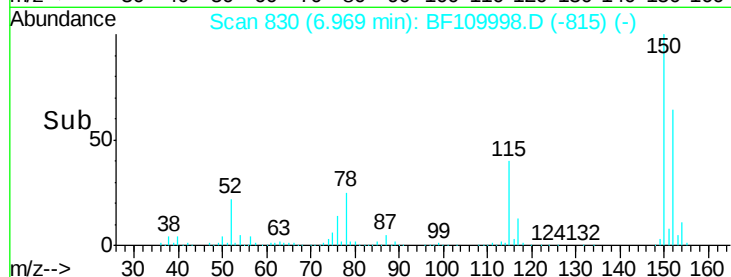
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF109998.D
 Acq: 19 Oct 2018 13:20

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-FD-01

Tgt Ion:152 Resp: 220722
 Ion Ratio Lower Upper
 152 100
 150 157.0 122.7 184.1
 115 62.2 49.1 73.7

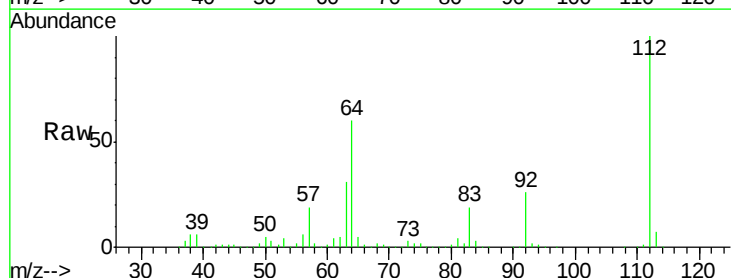


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

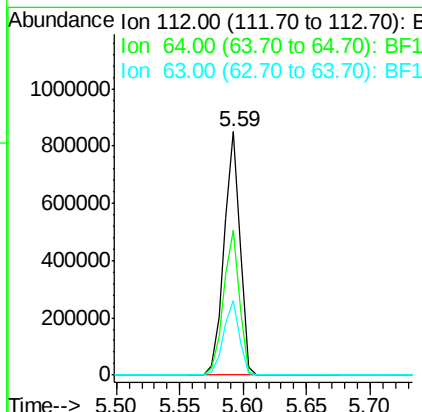
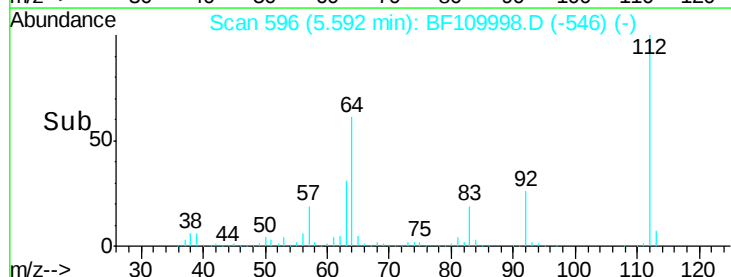


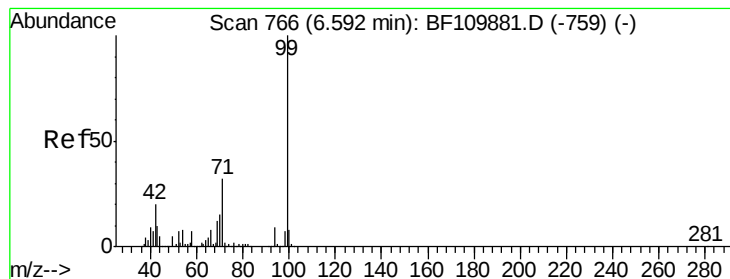
#5
 2-Fluorophenol
 Concen: 53.129 ng
 RT: 5.59 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF109998.D
 Acq: 19 Oct 2018 13:20

Tgt Ion:112 Resp: 739799
 Ion Ratio Lower Upper
 112 100
 64 59.8 44.1 66.1
 63 30.9 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: 33.992 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109998.D

Acq: 19 Oct 2018 13:20

Instrument :

BNA_F

ClientSampleId :

RLF-GW-FD-01

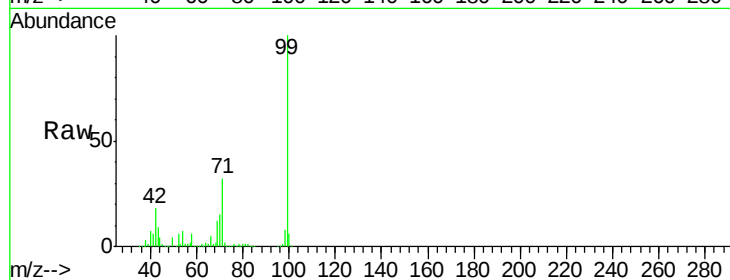
Tgt Ion: 99 Resp: 587736

Ion Ratio Lower Upper

99 100

42 17.6 15.8 23.6

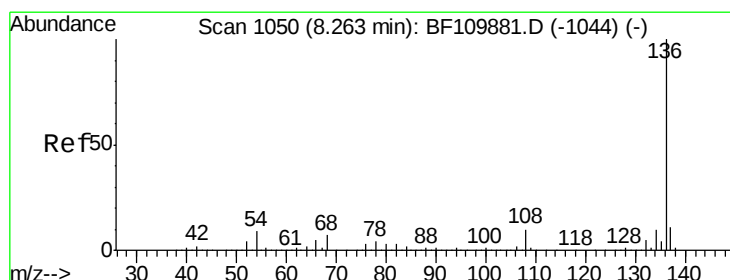
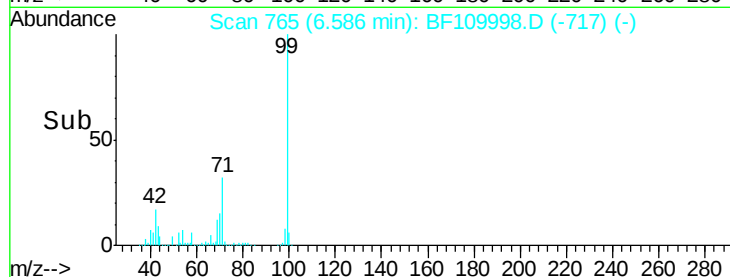
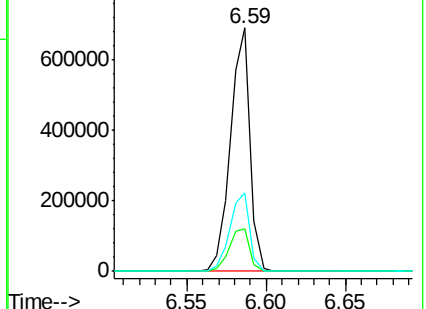
71 32.3 28.0 42.0



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: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF109998.D

Acq: 19 Oct 2018 13:20

Tgt Ion: 136 Resp: 870381

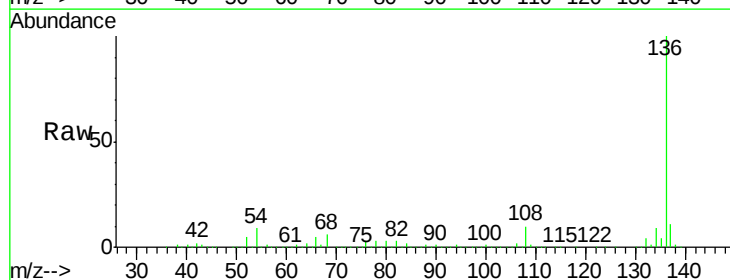
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.7 5.4 8.2#

68 6.1 4.2 6.2

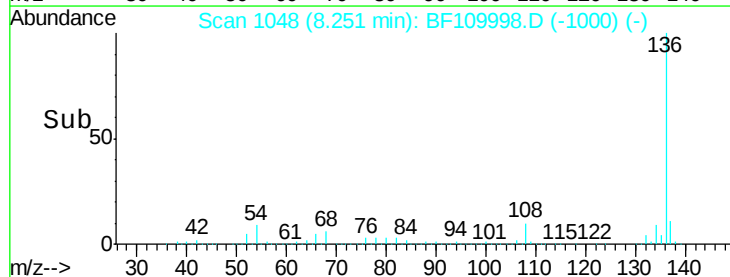
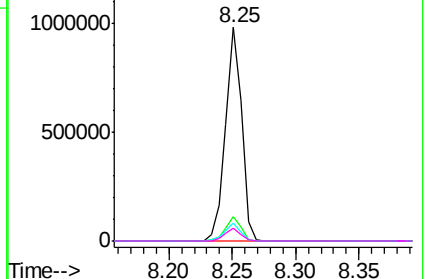


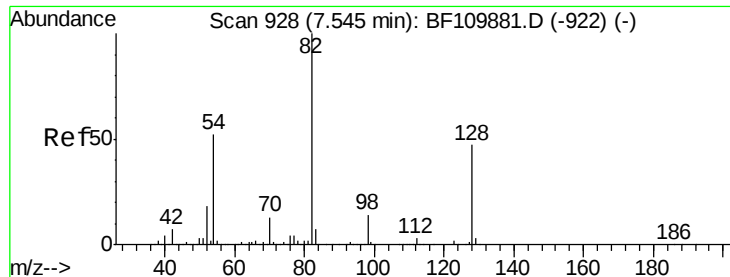
Abundance Ion 136.00 (135.70 to 136.70): E

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

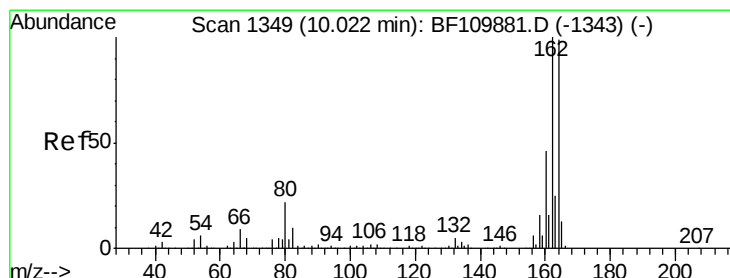
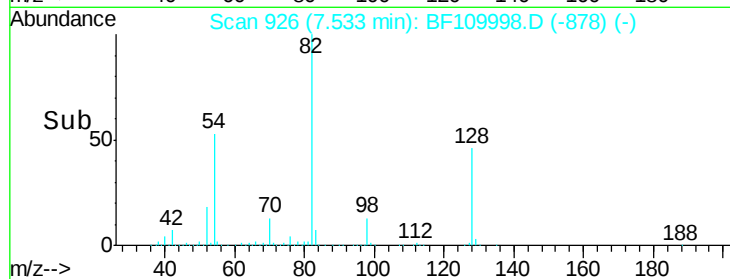
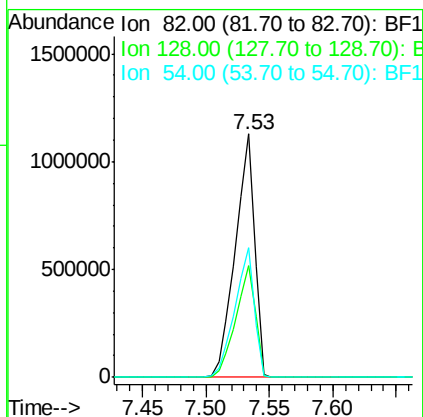
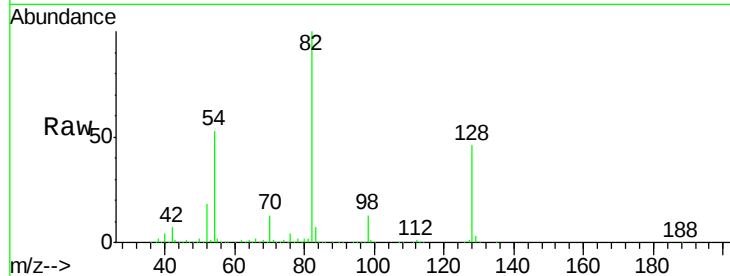




#23
 Nitrobenzene-d5
 Concen: 91.726 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF109998.D
 Acq: 19 Oct 2018 13:20

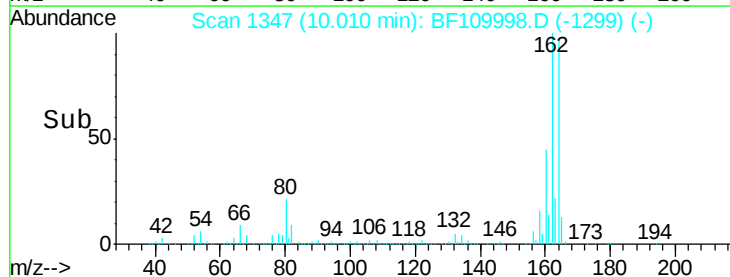
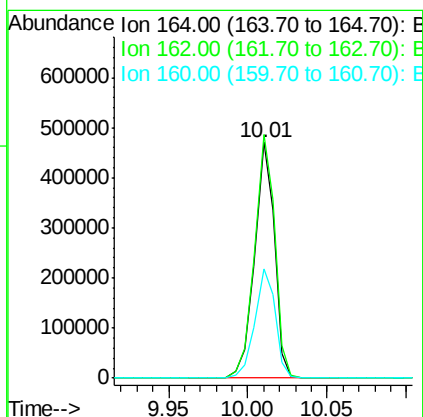
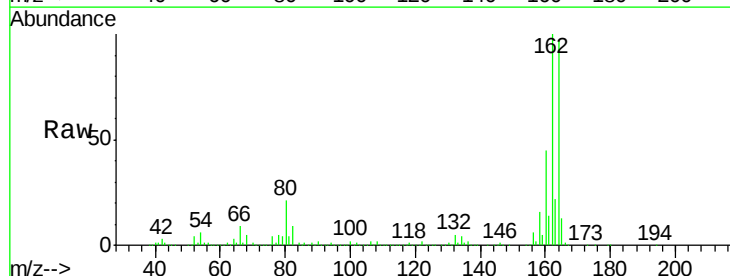
Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-FD-01

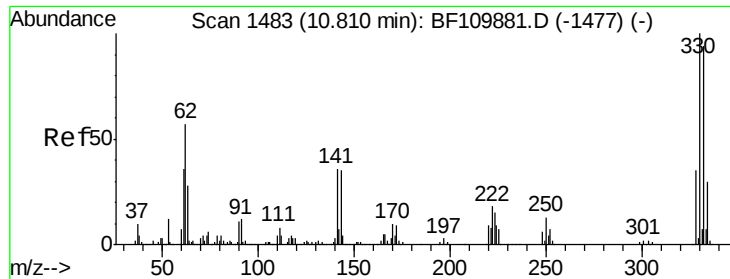
Tgt Ion: 82 Resp: 1185159
 Ion Ratio Lower Upper
 82 100
 128 45.8 34.2 51.2
 54 53.3 38.6 58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF109998.D
 Acq: 19 Oct 2018 13:20

Tgt Ion: 164 Resp: 407633
 Ion Ratio Lower Upper
 164 100
 162 103.3 83.0 124.6
 160 46.5 37.0 55.6

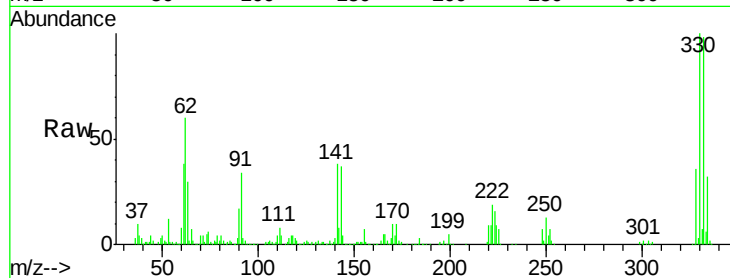




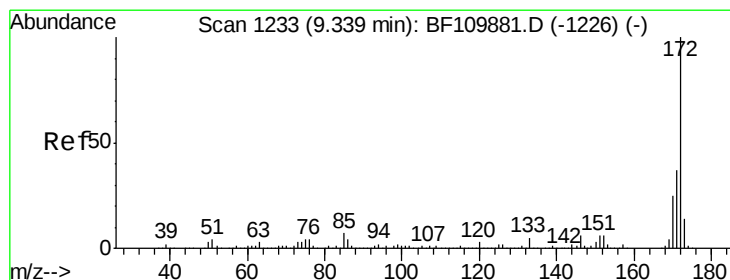
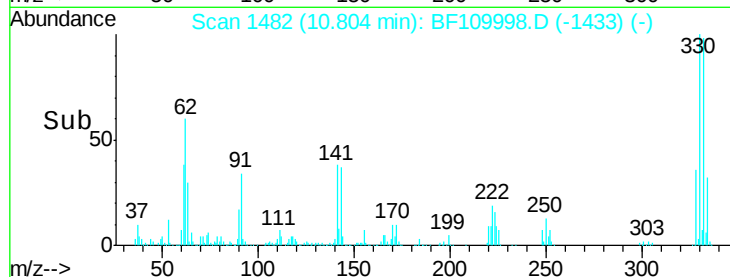
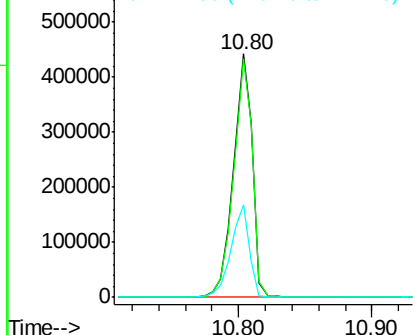
#42
 2,4,6-Tribromophenol
 Concen: 125.352 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF109998.D
 Acq: 19 Oct 2018 13:20

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-FD-01

Tgt Ion:330 Resp: 442388
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.1 115.7
 141 37.2 27.0 40.4

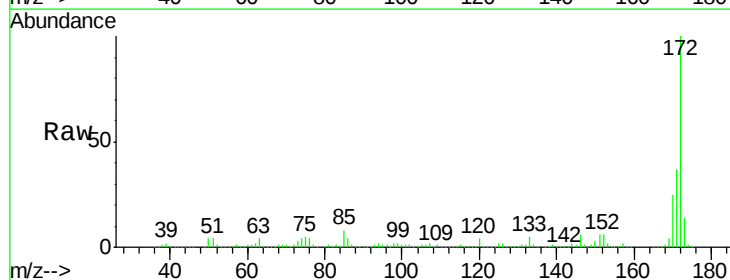


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

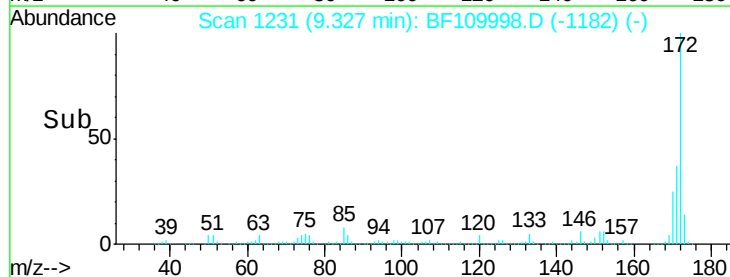
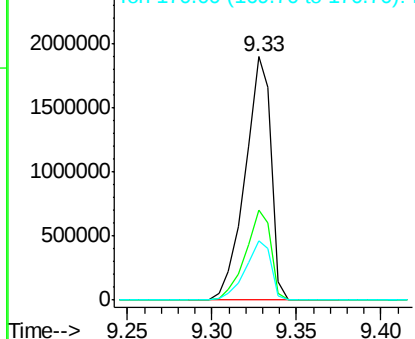


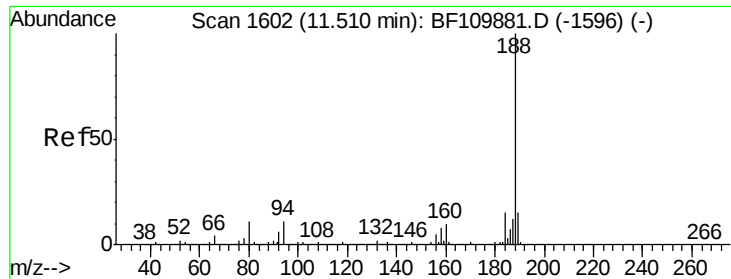
#45
 2-Fluorobiphenyl
 Concen: 79.874 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF109998.D
 Acq: 19 Oct 2018 13:20

Tgt Ion:172 Resp: 2040497
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.6 43.0
 170 24.5 19.7 29.5



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: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF109998.D

Acq: 19 Oct 2018 13:20

Instrument :

BNA_F

ClientSampleId :

RLF-GW-FD-01

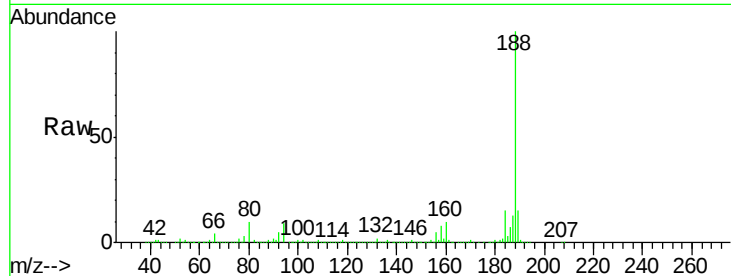
Tgt Ion:188 Resp: 749751

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

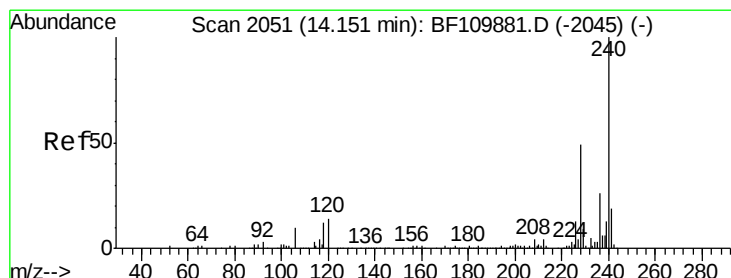
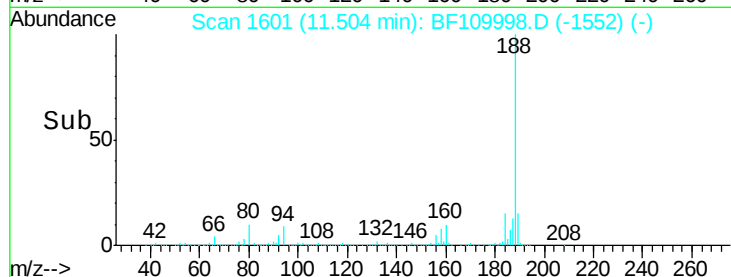
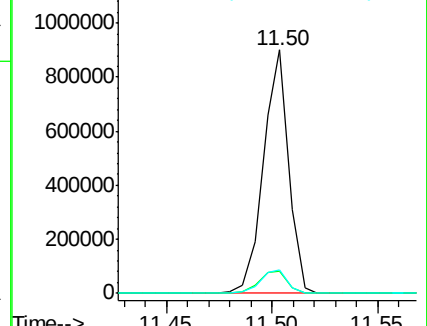
80 9.8 7.9 11.9



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: 14.14 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BF109998.D

Acq: 19 Oct 2018 13:20

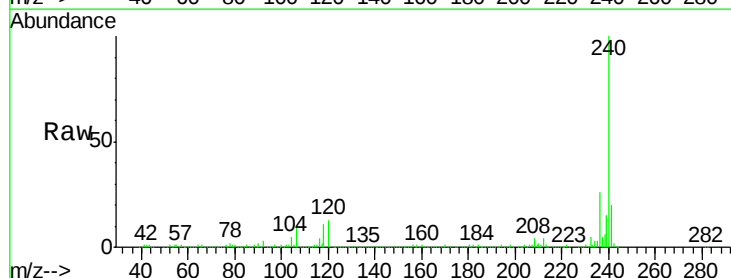
Tgt Ion:240 Resp: 522227

Ion Ratio Lower Upper

240 100

120 12.5 8.3 12.5#

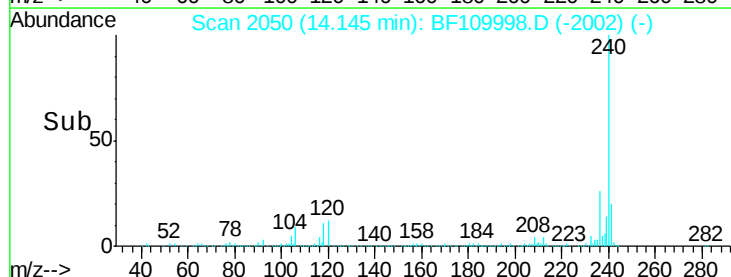
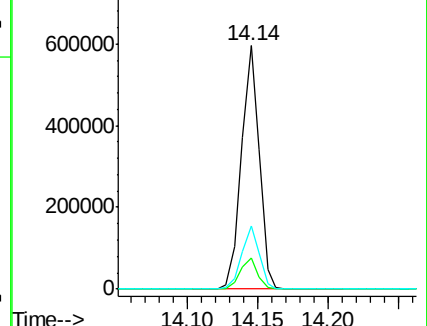
236 26.0 21.2 31.8

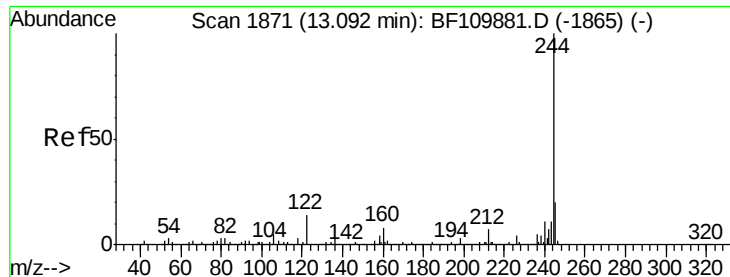


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.550 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF109998.D

Acq: 19 Oct 2018 13:20

Instrument :

BNA_F

ClientSampleId :

RLF-GW-FD-01

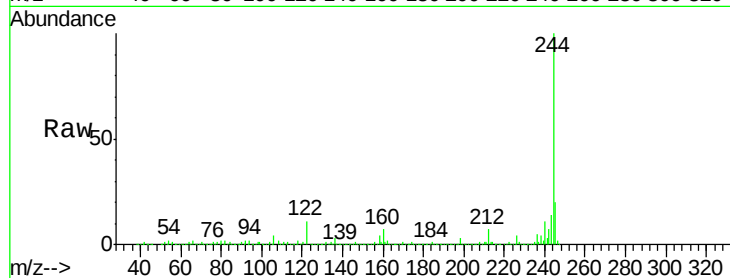
Tgt Ion:244 Resp: 1804224

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

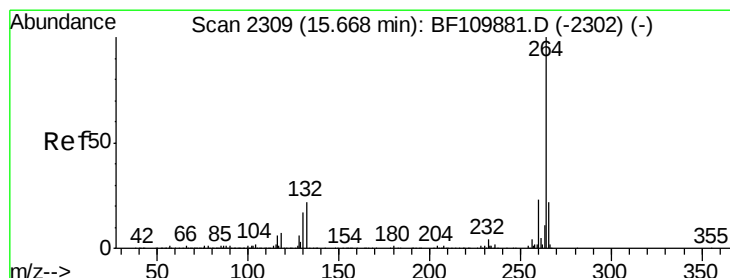
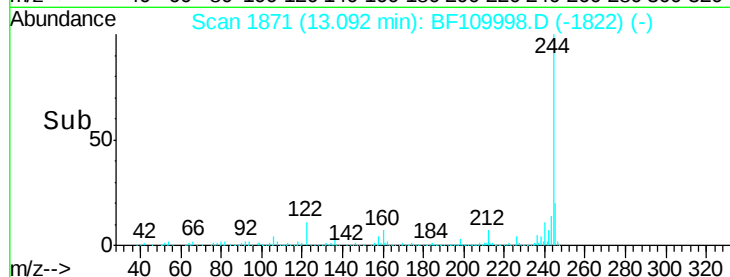
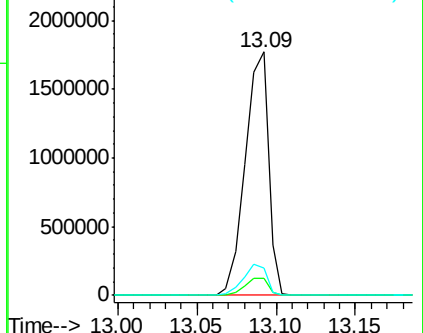
122 11.4 8.7 13.1



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: 15.67 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BF109998.D

Acq: 19 Oct 2018 13:20

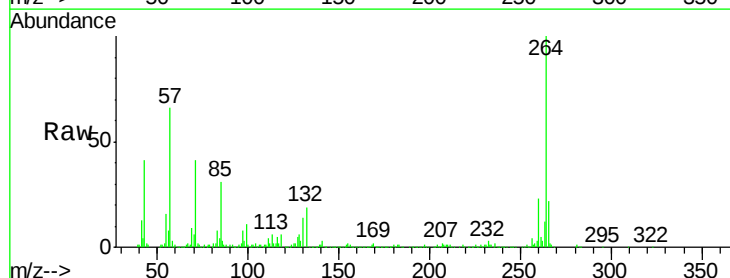
Tgt Ion:264 Resp: 359147

Ion Ratio Lower Upper

264 100

260 22.5 18.7 28.1

265 21.7 16.7 25.1



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

