

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101269.D
 Acq On : 9 Dec 2017 7:57
 Operator : SJ/JU
 Sample : I6744-10 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PROS-1-E(3-4)

Quant Time: Dec 11 00:46:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	44886	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	167212	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	69201	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	116063	20.00	ng	0.00
75) Chrysene-d12	14.00	240	92925	20.00	ng	0.00
86) Perylene-d12	15.47	264	73765	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	37971	13.98	ng	0.00
7) Phenol-d6	6.46	99	45642	13.84	ng	0.00
23) Nitrobenzene-d5	7.39	82	24310	8.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	8235	9.91	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	55971	11.07	ng	0.00
78) Terphenyl-d14	12.94	244	42562	10.02	ng	0.00

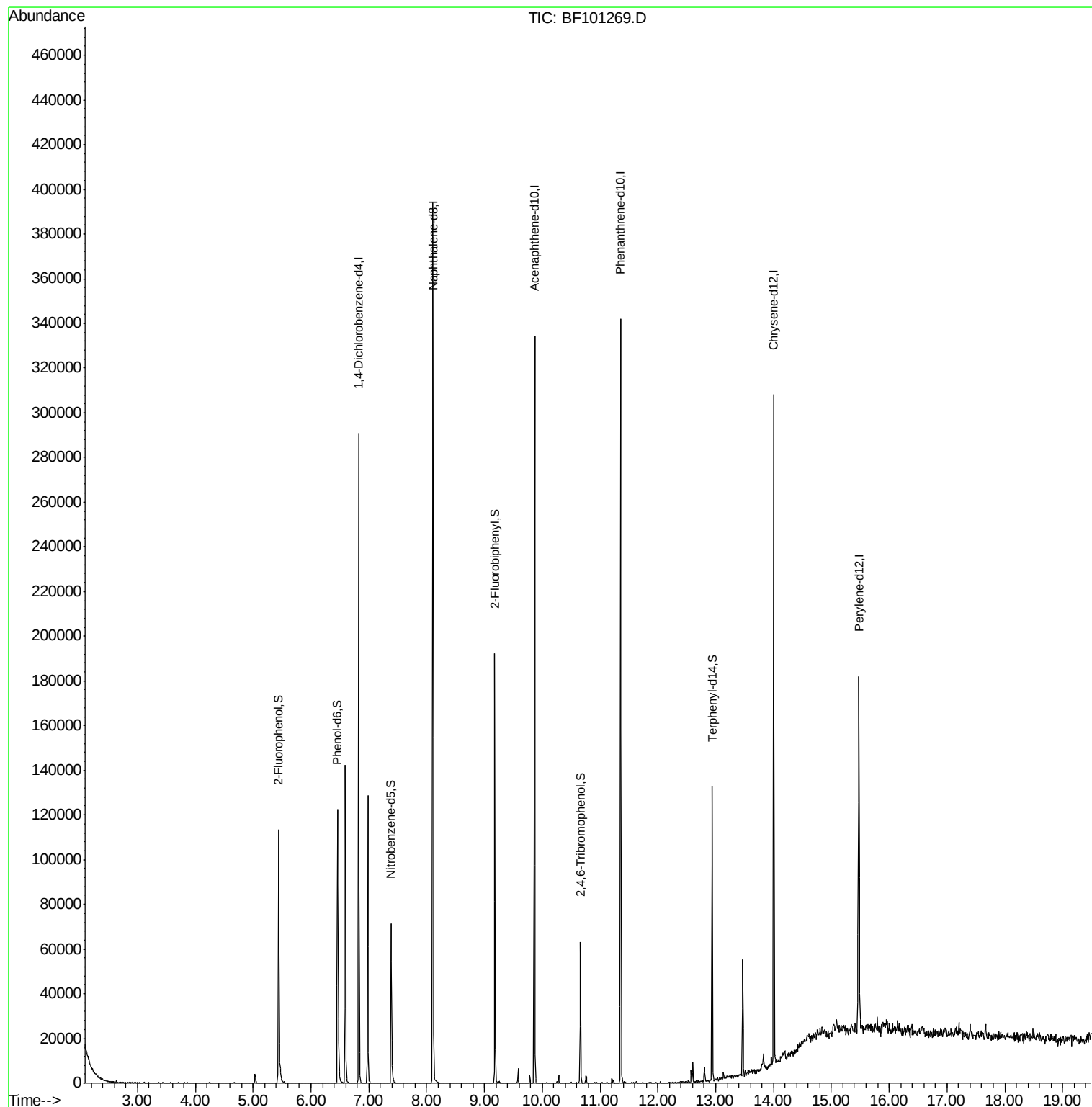
Target Compounds Qvalue

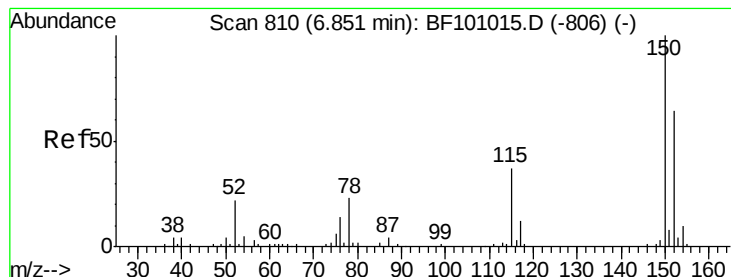
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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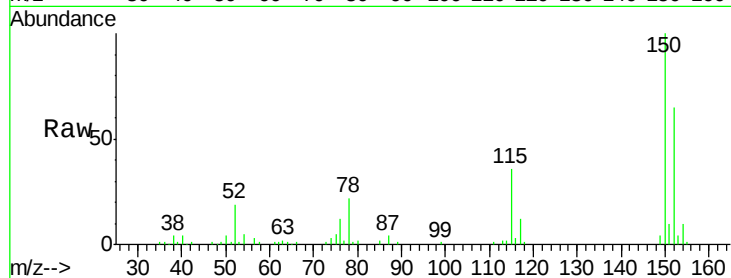


#1

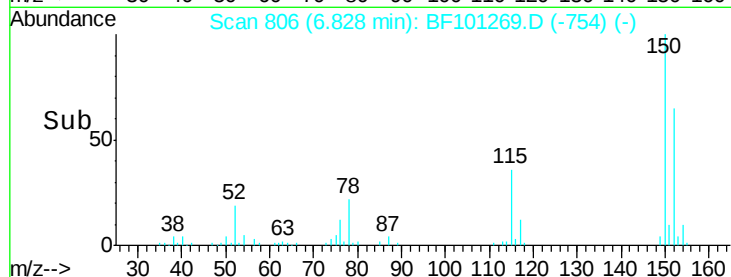
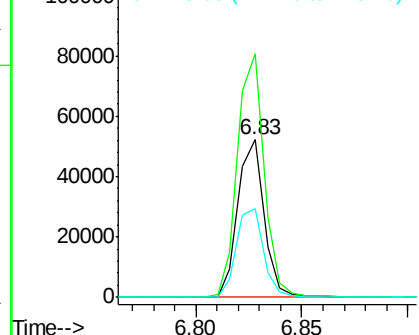
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101269.D
Acq: 9 Dec 2017 7:57

Instrument :
BNA_F
ClientSampleId :
PROS-1-E(3-4)

Tot Ion:152 Resp: 44886
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 56.1 50.1 75.1



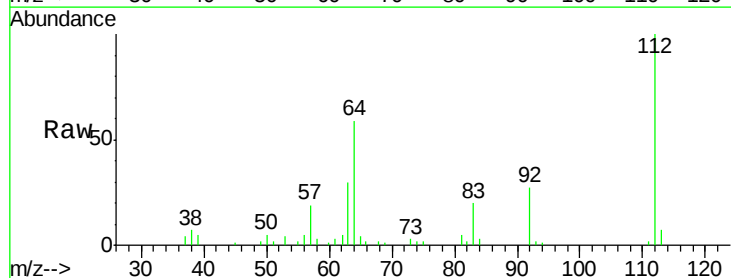
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



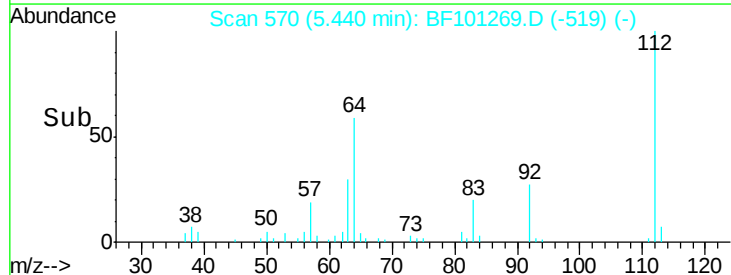
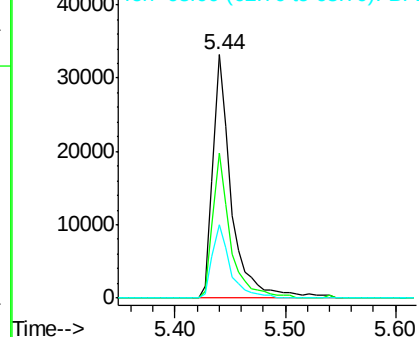
#5

2-Fluorophenol
Concen: 13.979 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF101269.D
Acq: 9 Dec 2017 7:57

Tgt Ion:112 Resp: 37971
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 30.3 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: 13.840 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF101269.D

Acq: 9 Dec 2017 7:57

Instrument :

BNA_F

ClientSampleId :

PROS-1-E(3-4)

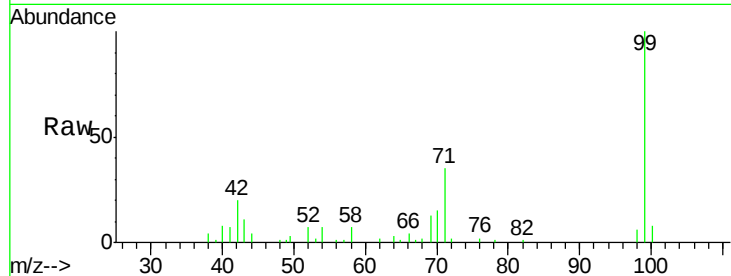
Tot Ion: 99 Resp: 45642

Ion Ratio Lower Upper

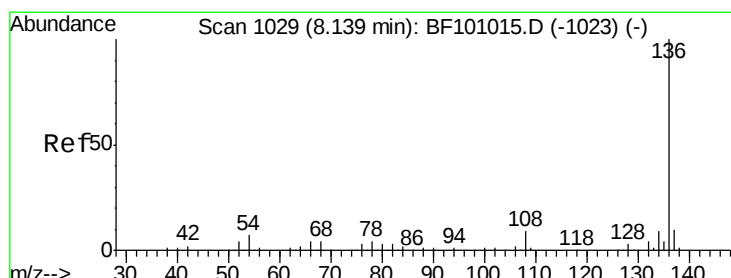
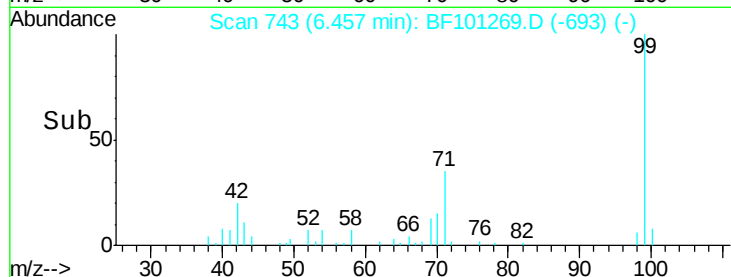
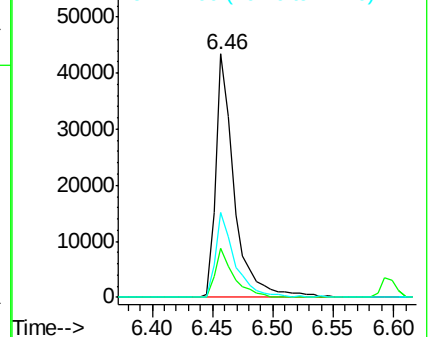
99 100

42 20.1 14.5 21.7

71 34.8 25.4 38.0



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: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF101269.D

Acq: 9 Dec 2017 7:57

Tgt Ion: 136 Resp: 167212

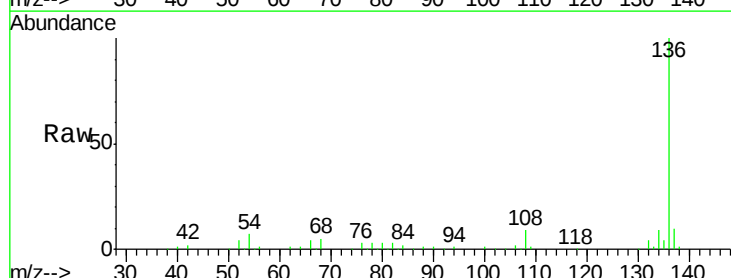
Ion Ratio Lower Upper

136 100

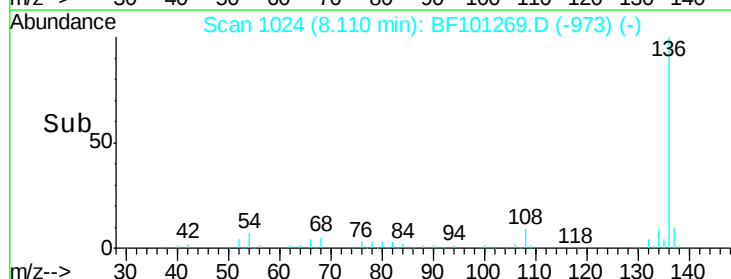
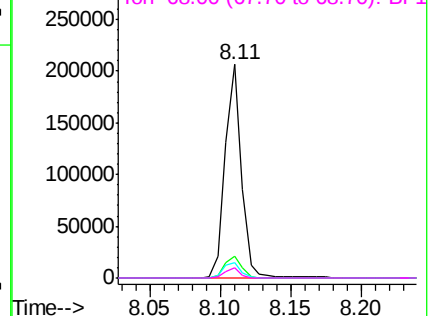
137 10.1 8.9 13.3

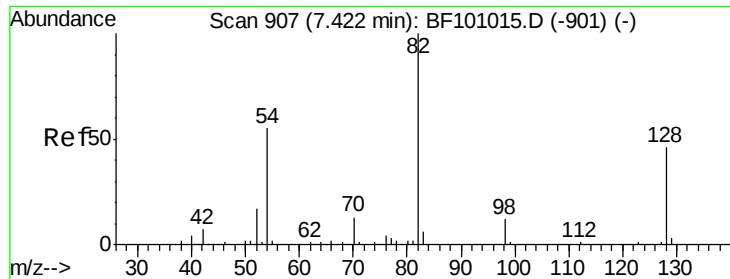
54 7.1 6.6 9.8

68 4.7 5.0 7.4#



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

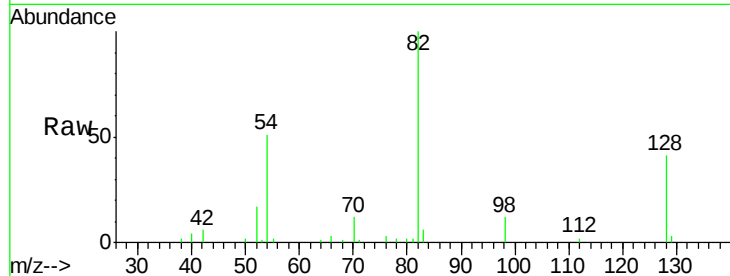




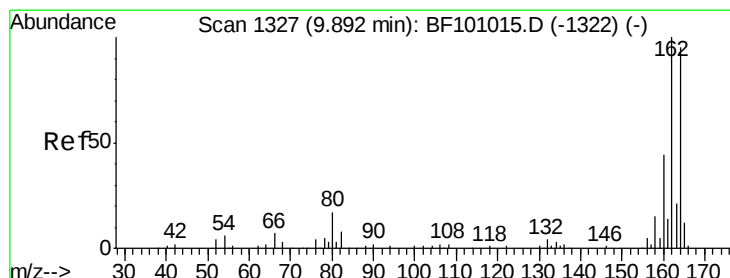
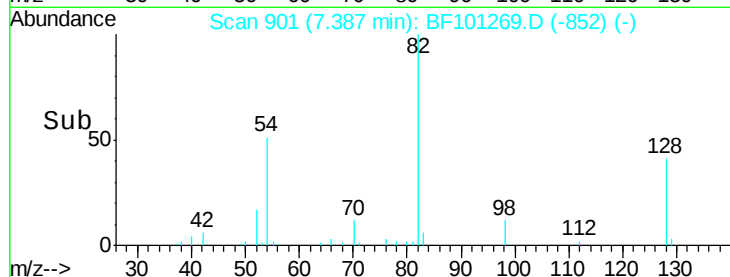
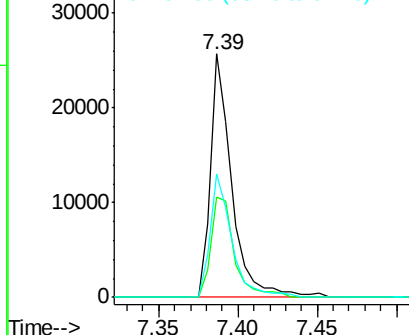
#23
 Nitrobenzene-d5
 Concen: 8.673 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF101269.D
 Acq: 9 Dec 2017 7:57

Instrument :
 BNA_F
 ClientSampleId :
 PROS-1-E(3-4)

Tot Ion: 82 Resp: 24310
 Ion Ratio Lower Upper
 82 100
 128 41.4 36.1 54.1
 54 50.8 41.4 62.2

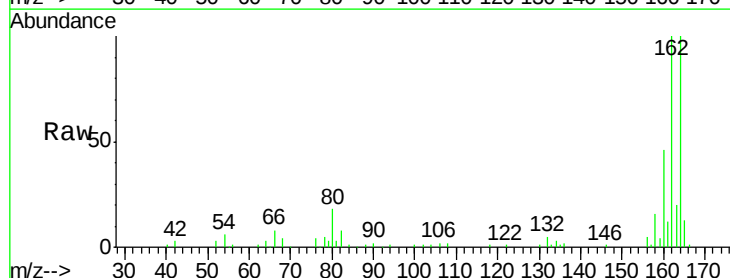


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

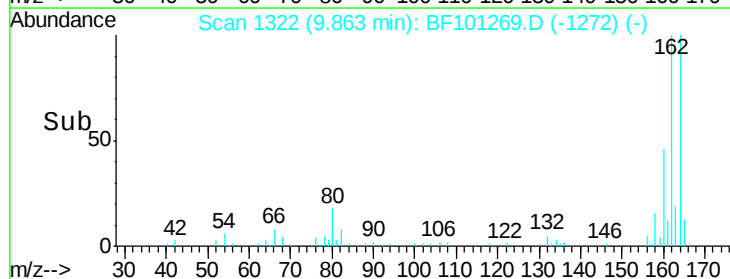
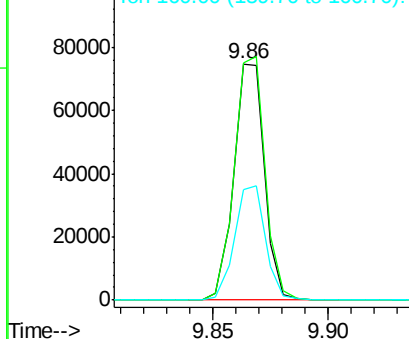


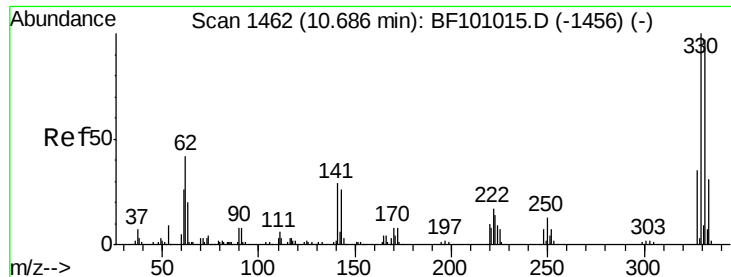
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF101269.D
 Acq: 9 Dec 2017 7:57

Tgt Ion: 164 Resp: 69201
 Ion Ratio Lower Upper
 164 100
 162 100.4 86.1 129.1
 160 46.6 38.3 57.5



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





#41

2,4,6-Tribromophenol

Concen: 9.906 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF101269.D

Acq: 9 Dec 2017 7:57

Instrument :

BNA_F

ClientSampleId :

PROS-1-E(3-4)

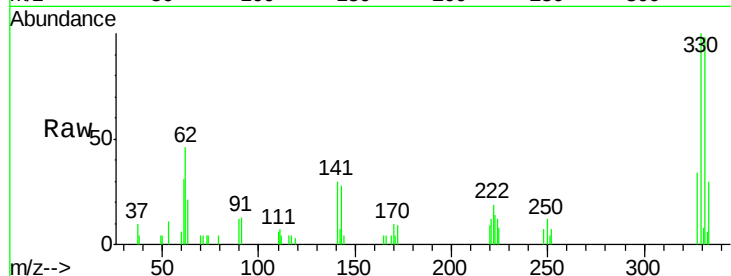
Tot Ion:330 Resp: 8235

Ion Ratio Lower Upper

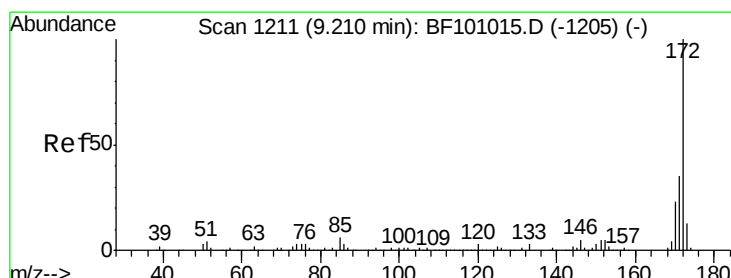
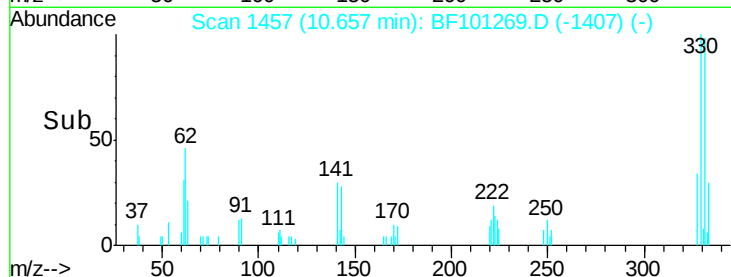
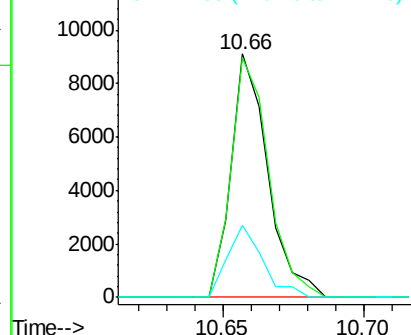
330 100

332 100.7 77.0 115.6

141 28.2 29.9 44.9#



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



#44

2-Fluorobiphenyl

Concen: 11.066 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF101269.D

Acq: 9 Dec 2017 7:57

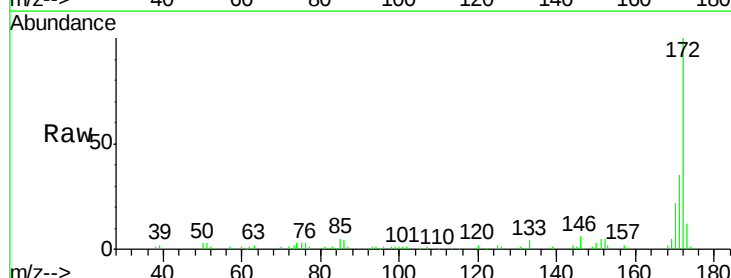
Tgt Ion:172 Resp: 55971

Ion Ratio Lower Upper

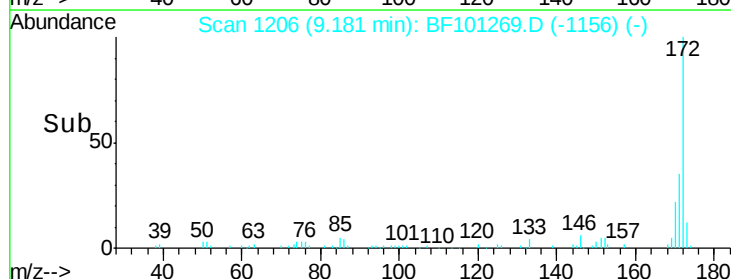
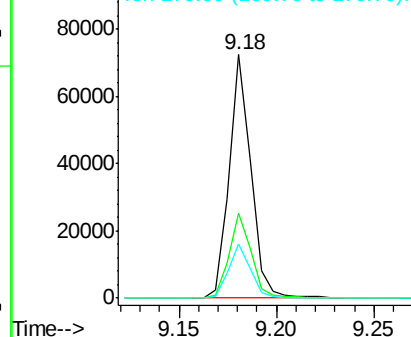
172 100

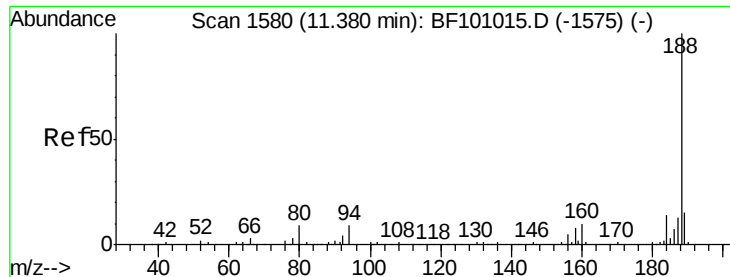
171 35.1 29.7 44.5

170 22.2 19.6 29.4



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BF101269.D

Acq: 9 Dec 2017 7:57

Instrument :

BNA_F

ClientSampleId :

PROS-1-E(3-4)

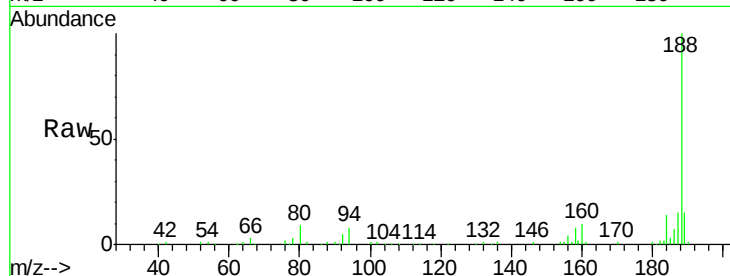
Tot Ion:188 Resp: 116063

Ion Ratio Lower Upper

188 100

94 8.1 8.5 12.7#

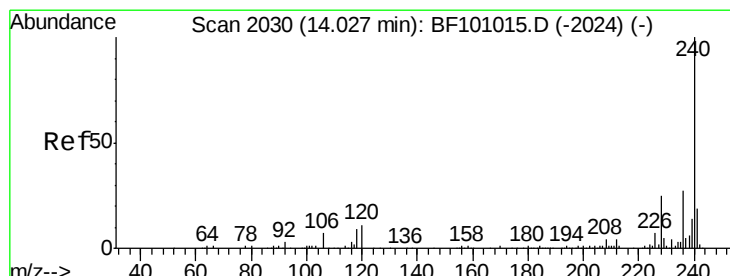
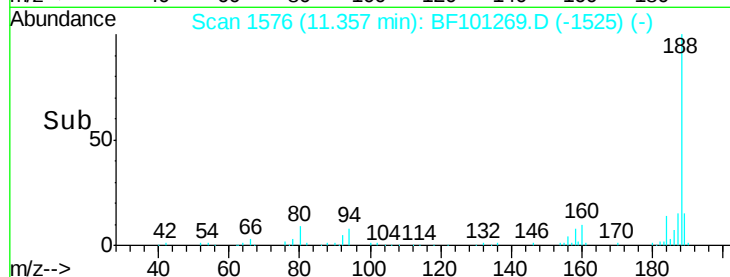
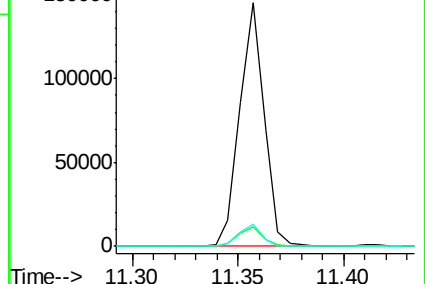
80 9.3 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF101269.D

Acq: 9 Dec 2017 7:57

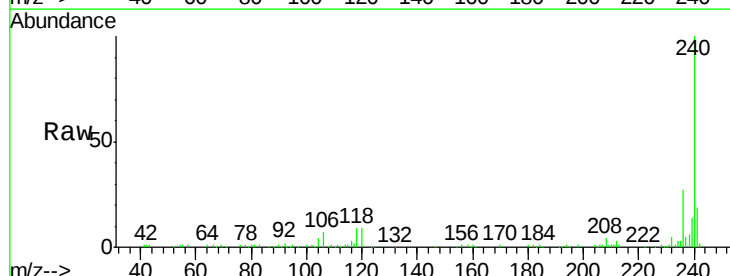
Tgt Ion:240 Resp: 92925

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

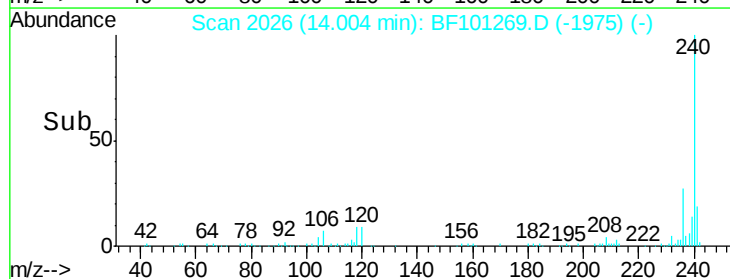
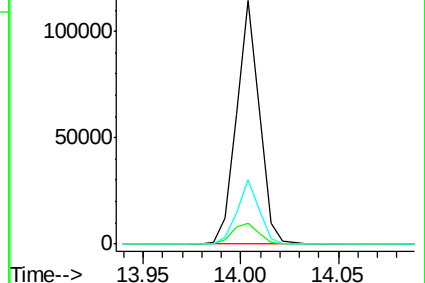
236 26.6 20.7 31.1

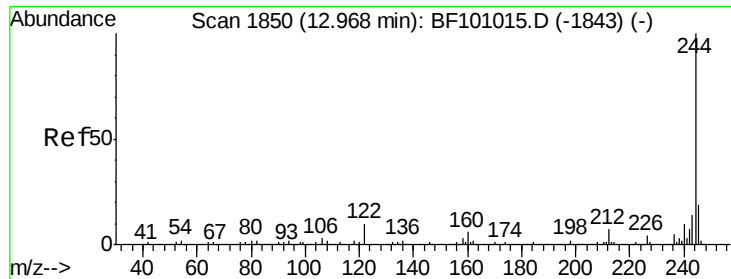


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 10.018 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF101269.D

Acq: 9 Dec 2017 7:57

Instrument :

BNA_F

ClientSampleId :

PROS-1-E(3-4)

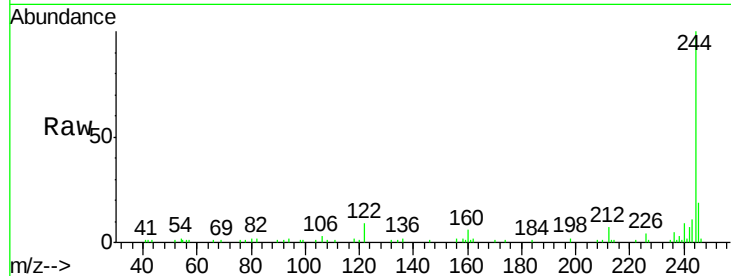
Tot Ion:244 Resp: 42562

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

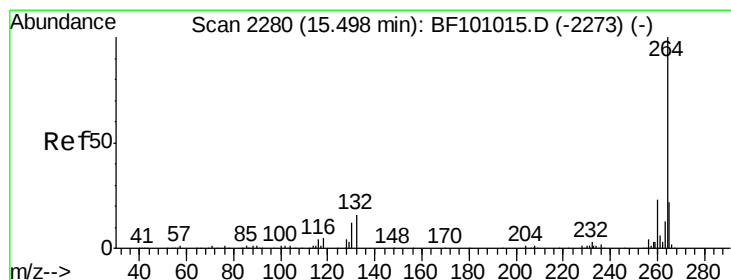
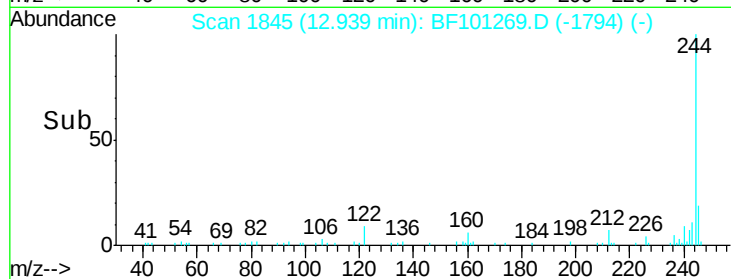
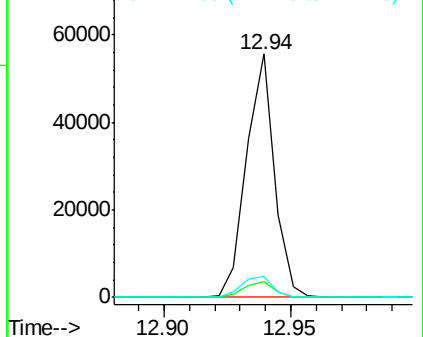
122 8.6 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF101269.D

Acq: 9 Dec 2017 7:57

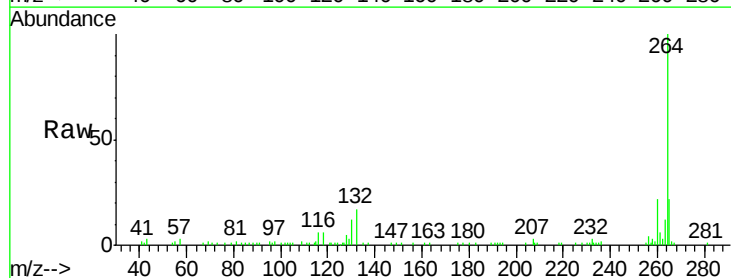
Tgt Ion:264 Resp: 73765

Ion Ratio Lower Upper

264 100

260 21.9 19.2 28.8

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

