

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101232.D
 Acq On : 8 Dec 2017 4:20
 Operator : SJ/JU
 Sample : I6732-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 120117-FOPI-E-D-M

Quant Time: Dec 08 05:31:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	41012	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	148567	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	59346	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	100923	20.00	ng	0.00
75) Chrysene-d12	14.02	240	86368	20.00	ng	0.00
86) Perylene-d12	15.50	264	66978	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	99362	40.03	ng	0.00
7) Phenol-d6	6.47	99	71716	23.80	ng	-0.01
23) Nitrobenzene-d5	7.41	82	212995	85.52	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	49798	69.85	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	446886	103.03	ng	-0.01
78) Terphenyl-d14	12.96	244	345125	87.40	ng	0.00

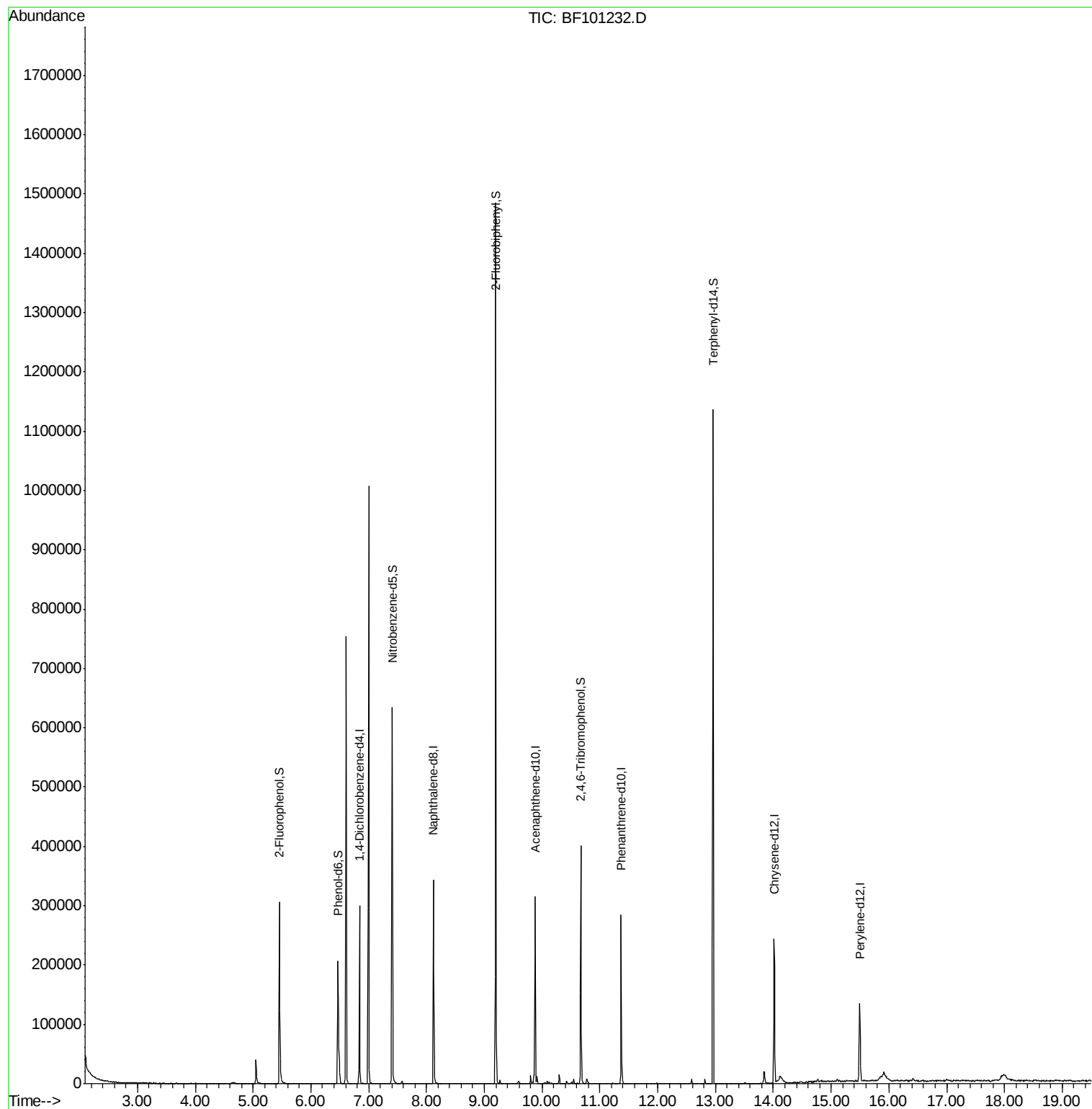
Target Compounds Qvalue

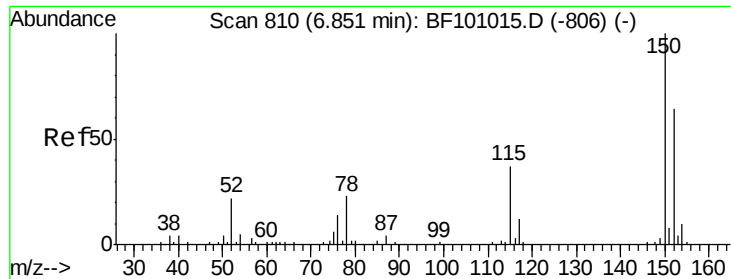
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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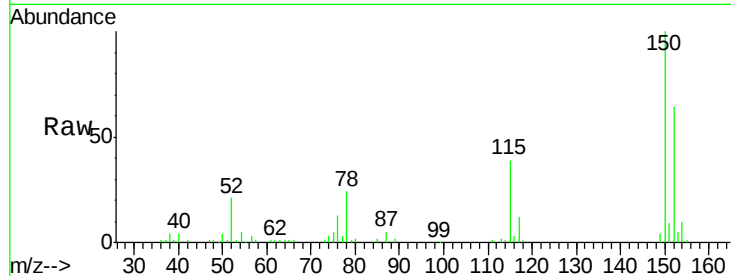


#1

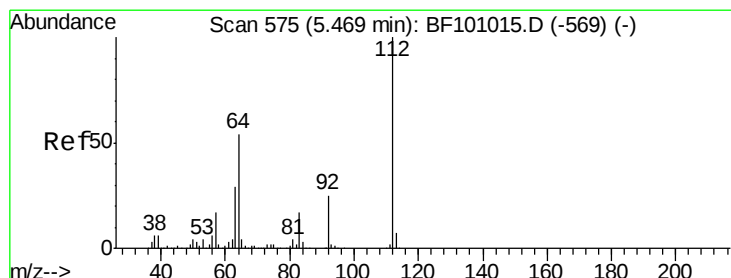
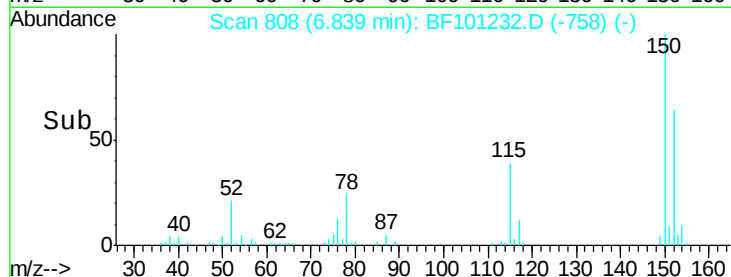
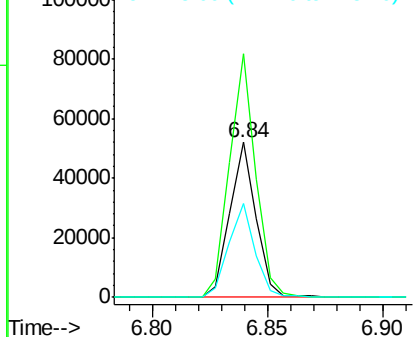
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101232.D
Acq: 8 Dec 2017 4:20

Instrument :
BNA_F
ClientSampleId :
120117-FOPI-E-D-M

Tot Ion:152 Resp: 41012
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 60.8 50.1 75.1



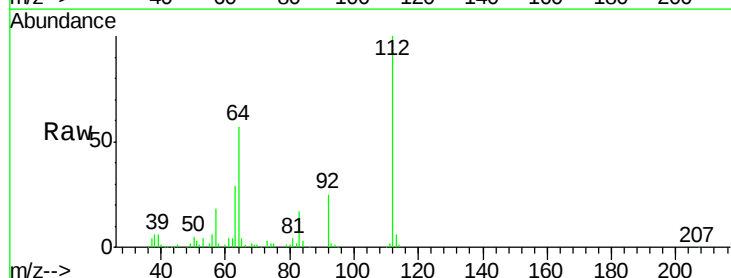
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



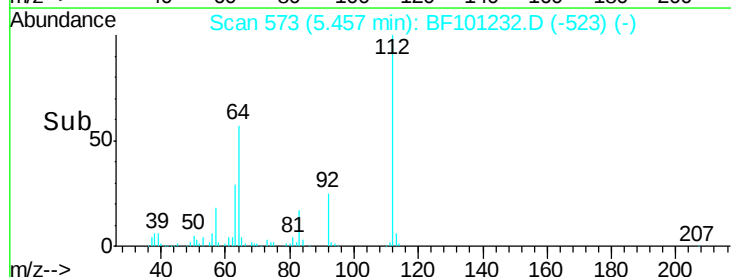
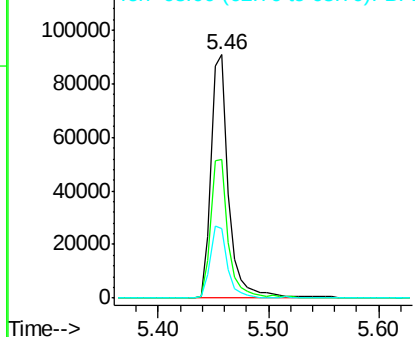
#5

2-Fluorophenol
Concen: 40.035 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF101232.D
Acq: 8 Dec 2017 4:20

Tgt Ion:112 Resp: 99362
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 28.6 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: 23.800 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101232.D

Acq: 8 Dec 2017 4:20

Instrument :

BNA_F

ClientSampleId :

120117-FOPI-E-D-M

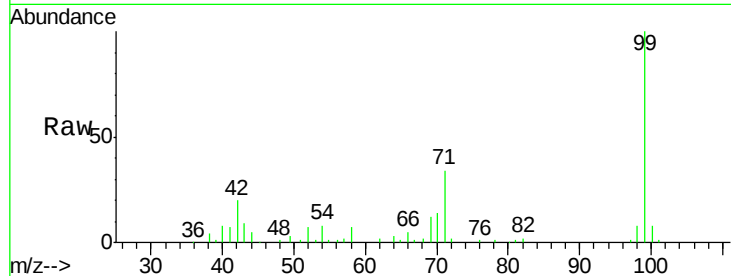
Tot Ion: 99 Resp: 71716

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

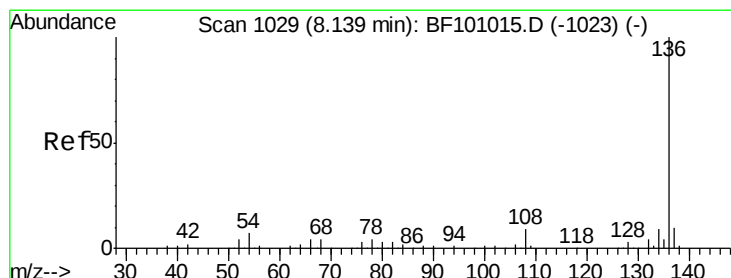
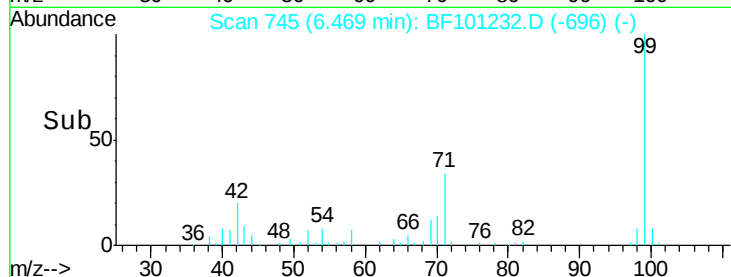
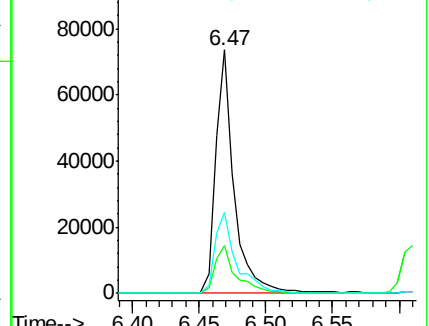
71 33.5 25.4 38.0



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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF101232.D

Acq: 8 Dec 2017 4:20

Tgt Ion: 136 Resp: 148567

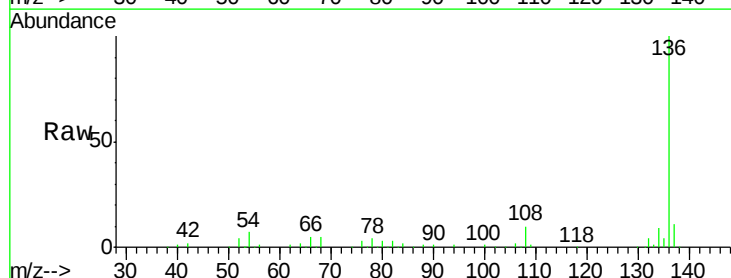
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.3 6.6 9.8

68 4.6 5.0 7.4#

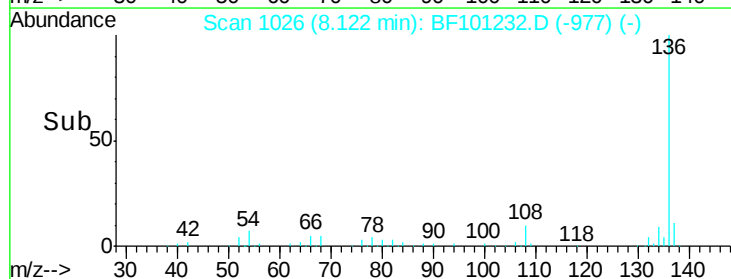
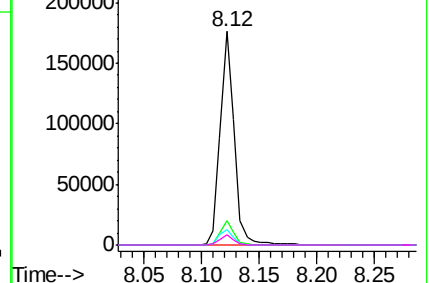


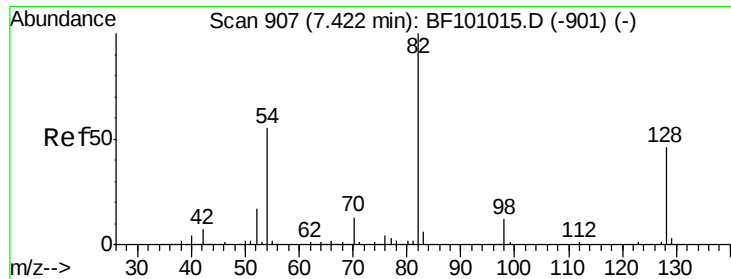
Abundance Ion 136.00 (135.70 to 136.70): E

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

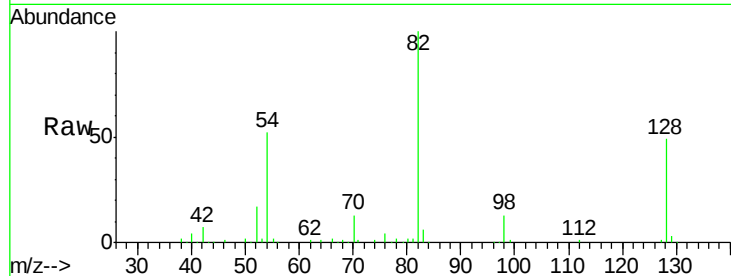




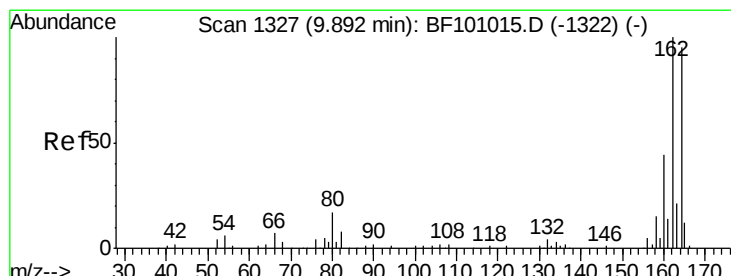
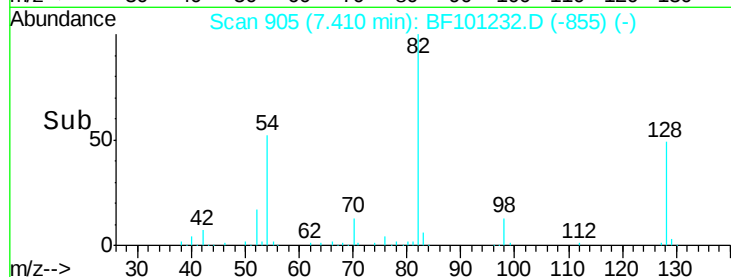
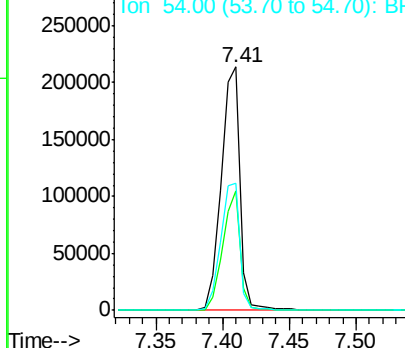
#23
Nitrobenzene-d5
Concen: 85.522 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101232.D
Acq: 8 Dec 2017 4:20

Instrument :
BNA_F
ClientSampleId :
120117-FOPI-E-D-M

Tot Ion: 82 Resp: 212995
Ion Ratio Lower Upper
82 100
128 49.1 36.1 54.1
54 52.2 41.4 62.2

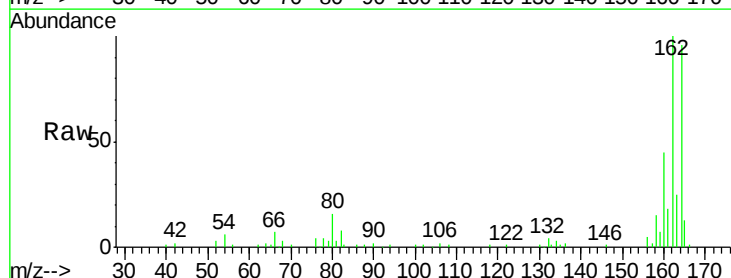


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

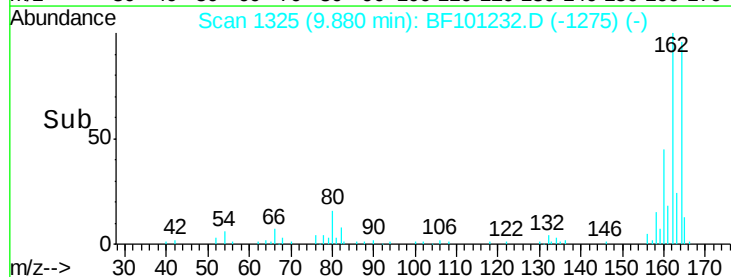
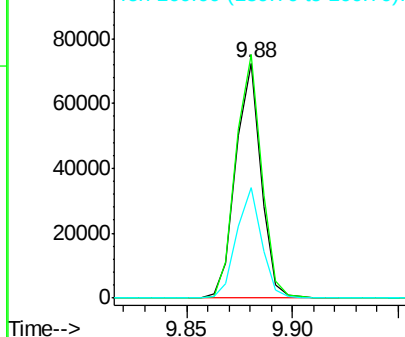


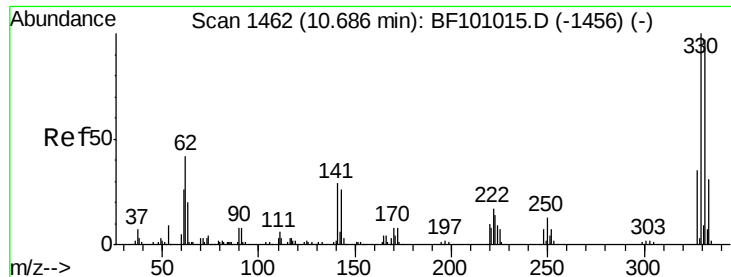
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101232.D
Acq: 8 Dec 2017 4:20

Tgt Ion: 164 Resp: 59346
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 47.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 69.851 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF101232.D

Acq: 8 Dec 2017 4:20

Instrument :

BNA_F

ClientSampleId :

120117-FOPI-E-D-M

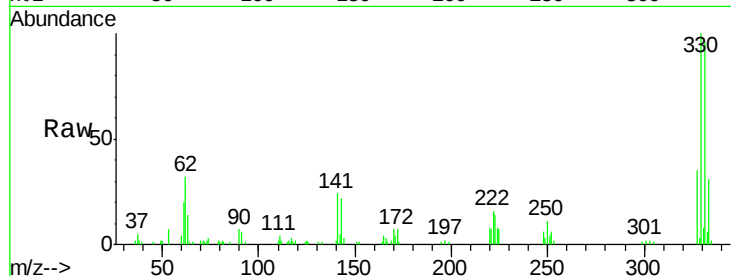
Tot Ion:330 Resp: 49798

Ion Ratio Lower Upper

330 100

332 98.0 77.0 115.6

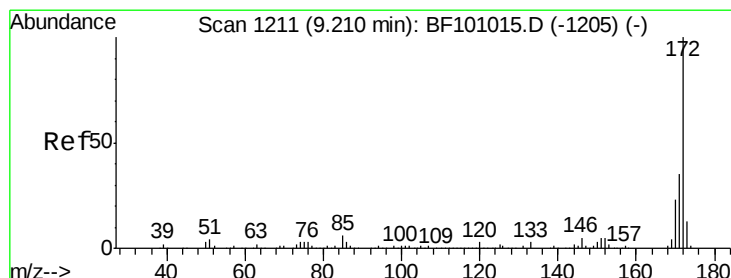
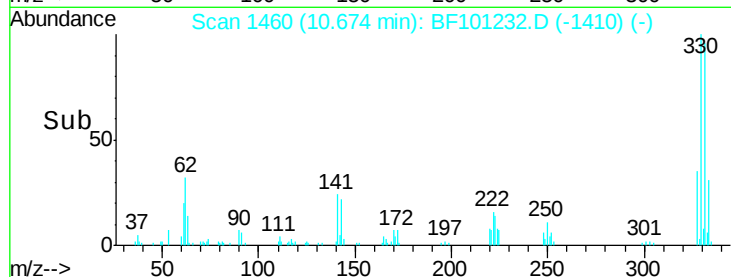
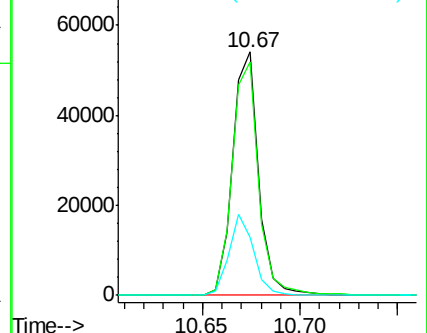
141 31.6 29.9 44.9



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: 103.028 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF101232.D

Acq: 8 Dec 2017 4:20

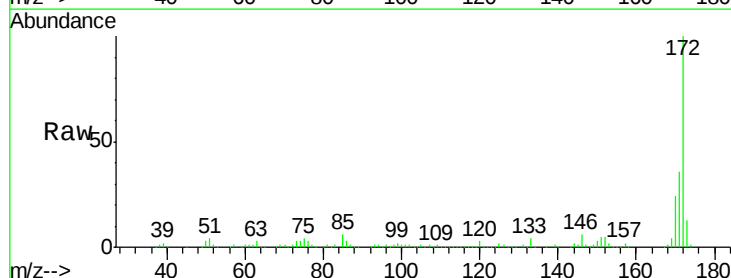
Tgt Ion:172 Resp: 446886

Ion Ratio Lower Upper

172 100

171 35.9 29.7 44.5

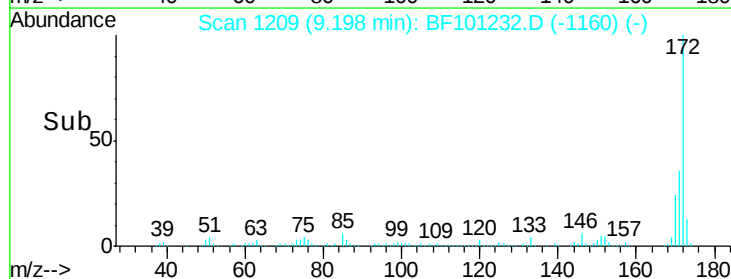
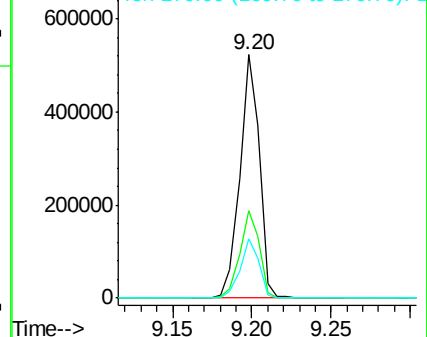
170 24.4 19.6 29.4

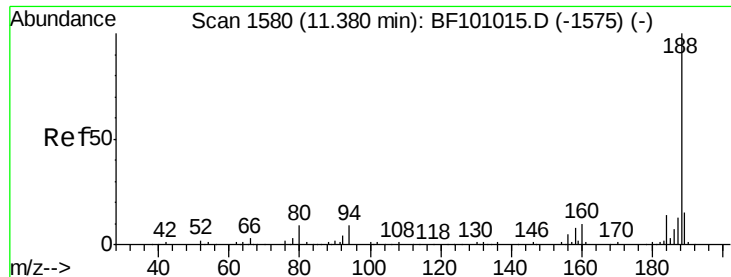


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

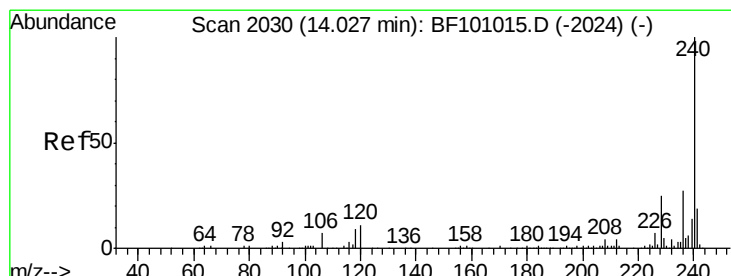
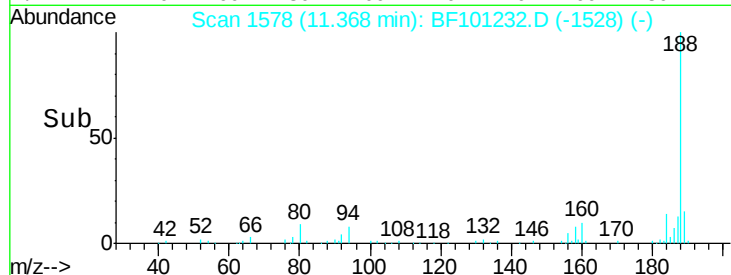
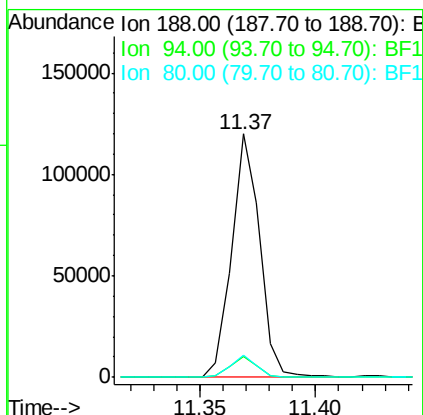
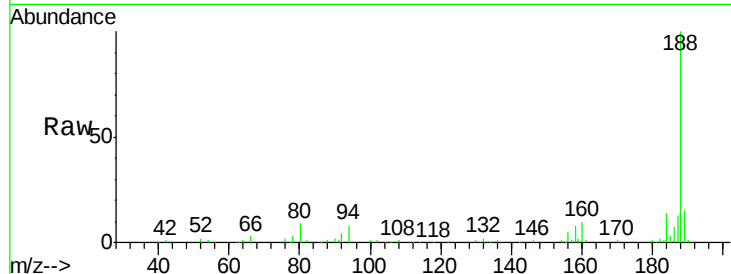




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101232.D
Acq: 8 Dec 2017 4:20

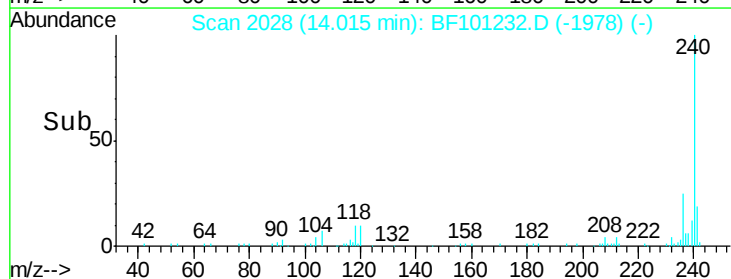
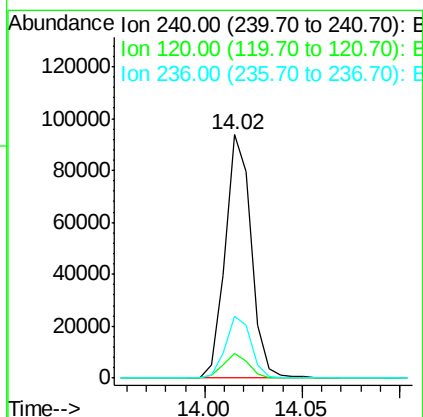
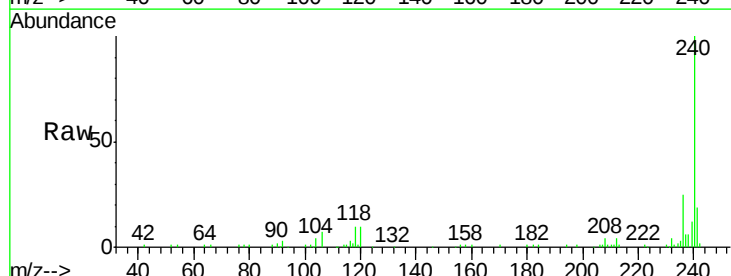
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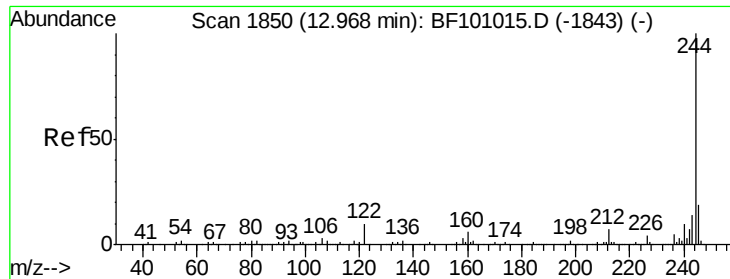
Tot Ion:188 Resp: 100923
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 9.0 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101232.D
Acq: 8 Dec 2017 4:20

Tgt Ion:240 Resp: 86368
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 25.3 20.7 31.1

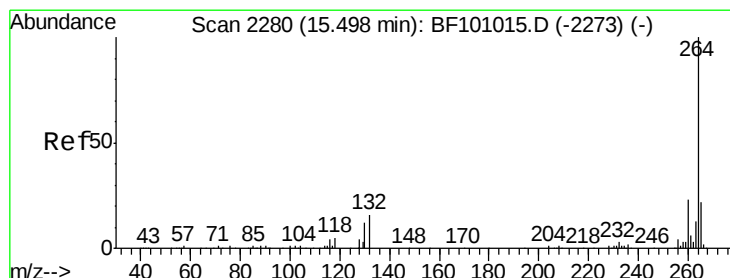
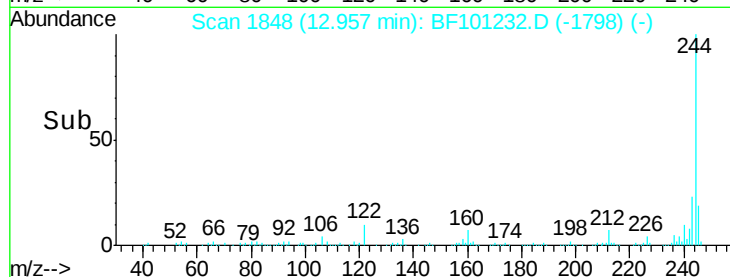
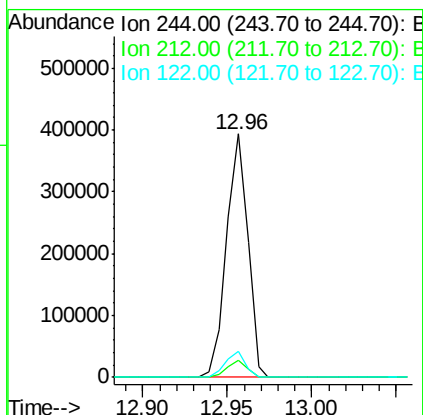
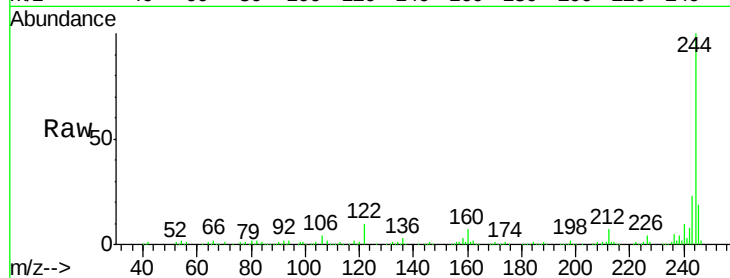




#78
 Terphenyl-d14
 Concen: 87.403 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101232.D
 Acq: 8 Dec 2017 4:20

Instrument :
 BNA_F
 ClientSampleId :
 120117-FOPI-E-D-M

Tot Ion:244 Resp: 345125
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.5 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101232.D
 Acq: 8 Dec 2017 4:20

Tgt Ion:264 Resp: 66978
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.8 17.5 26.3

