

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101240.D
 Acq On : 8 Dec 2017 17:17
 Operator : SJ/JU
 Sample : I6680-03 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-120617-B

Quant Time: Dec 08 18:34:17 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	6.82	152	43020	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	174226	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	77260	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	136172	20.00	ng	0.00
75) Chrysene-d12	14.00	240	99460	20.00	ng	0.00
86) Perylene-d12	15.46	264	91737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	23158	8.90	ng	0.00
7) Phenol-d6	6.45	99	27889	8.82	ng	-0.01
23) Nitrobenzene-d5	7.39	82	16616	5.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	6917	7.45	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	40715	7.21	ng	0.00
78) Terphenyl-d14	12.93	244	33055	7.27	ng	0.00

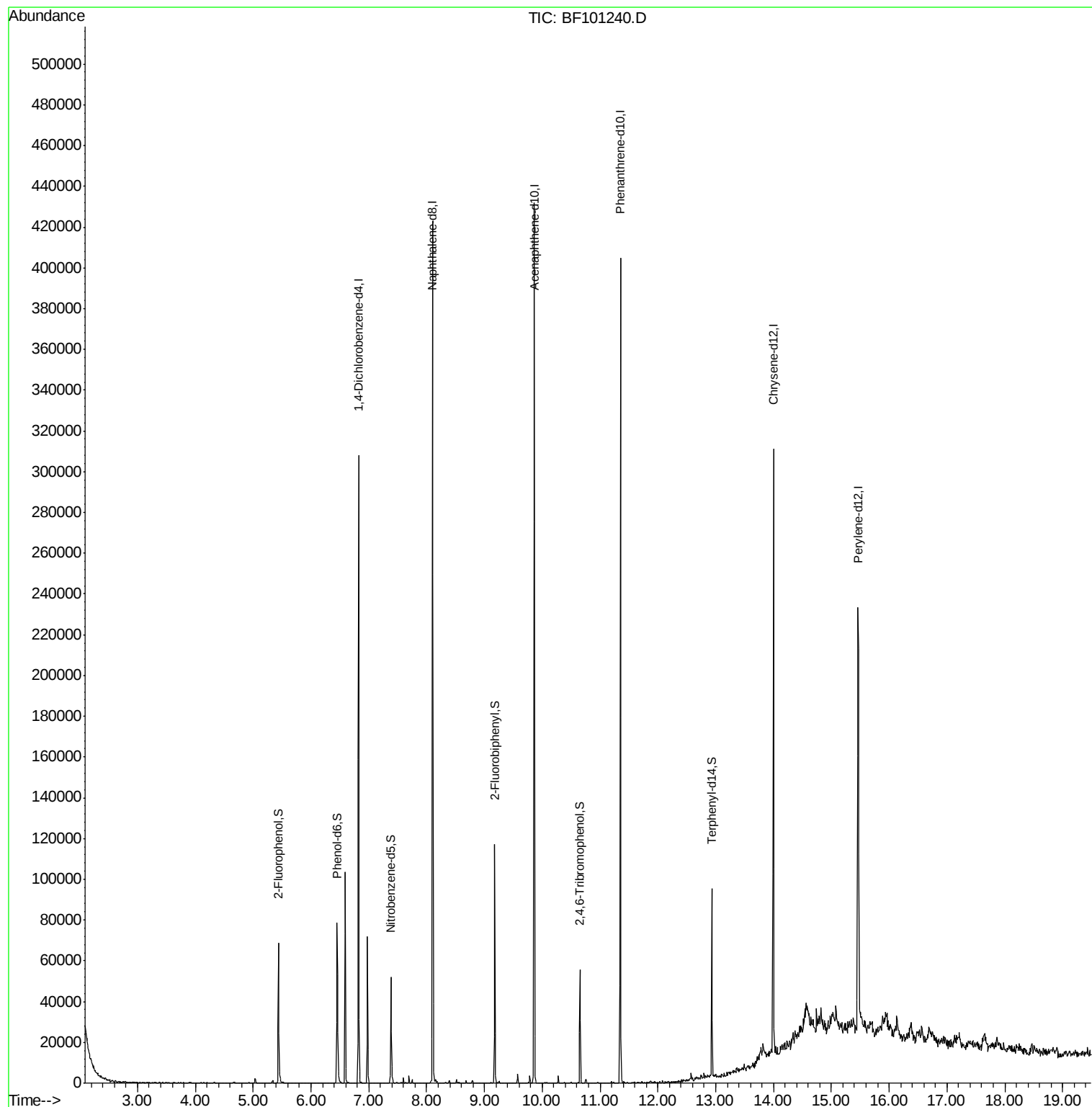
Target Compounds Qvalue

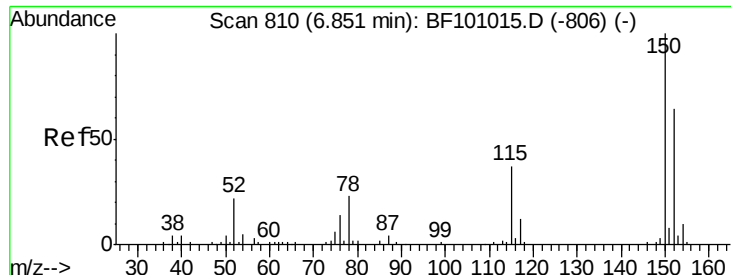
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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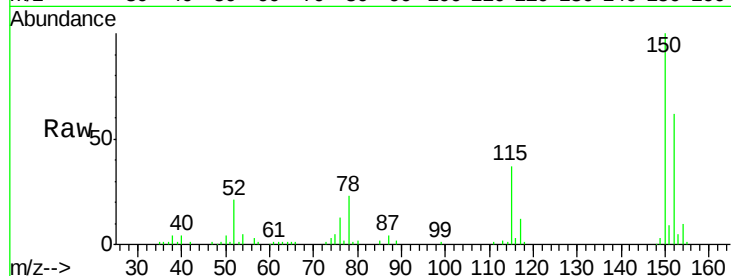


#1

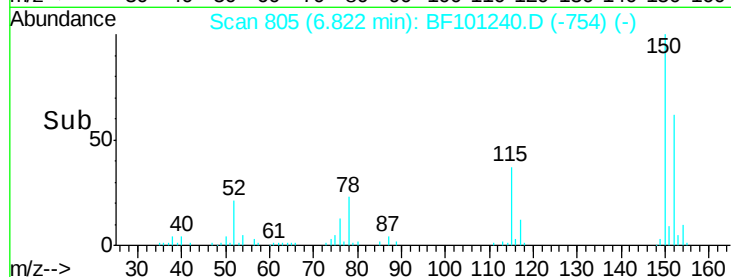
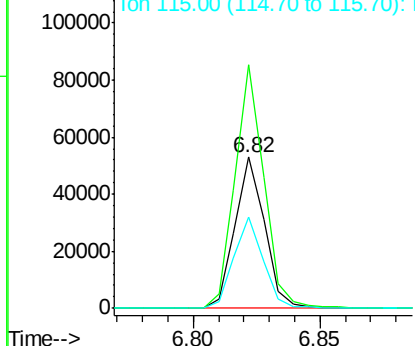
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF101240.D
Acq: 8 Dec 2017 17:17

Instrument :
BNA_F
ClientSampleId :
CL-01-120617-B

Tot Ion:152 Resp: 43020
Ion Ratio Lower Upper
152 100
150 160.9 124.6 186.8
115 60.1 50.1 75.1



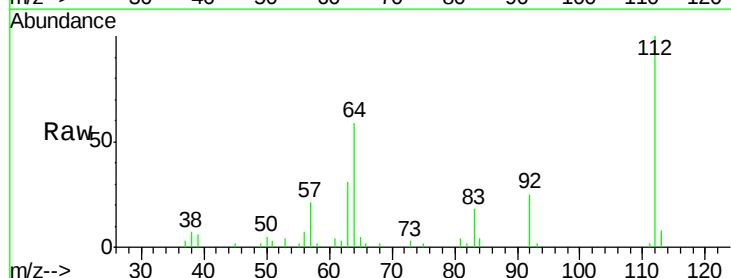
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



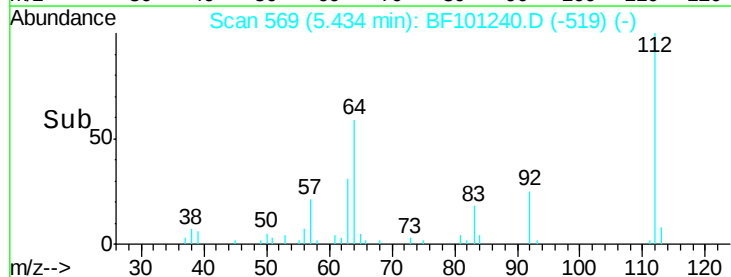
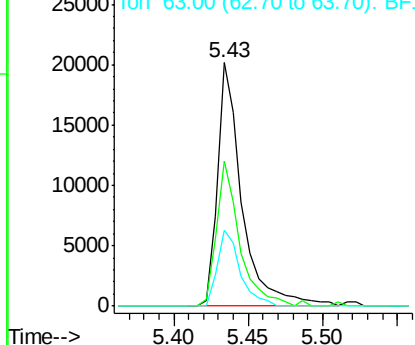
#5

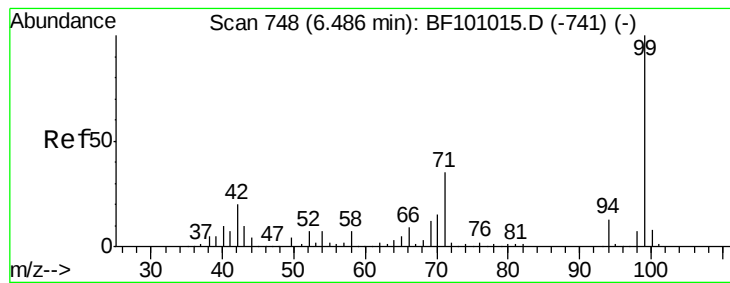
2-Fluorophenol
Concen: 8.895 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF101240.D
Acq: 8 Dec 2017 17:17

Tgt Ion:112 Resp: 23158
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 31.4 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: 8.823 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101240.D

Acq: 8 Dec 2017 17:17

Instrument :

BNA_F

ClientSampleId :

CL-01-120617-B

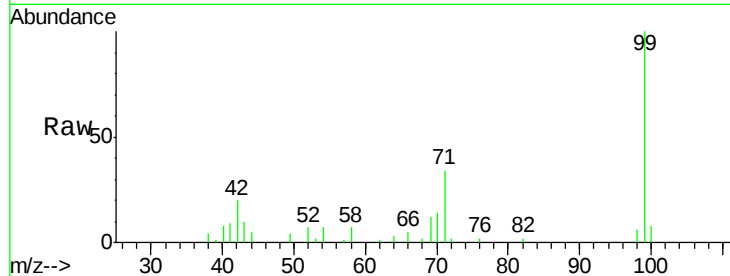
Tot Ion: 99 Resp: 27889

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

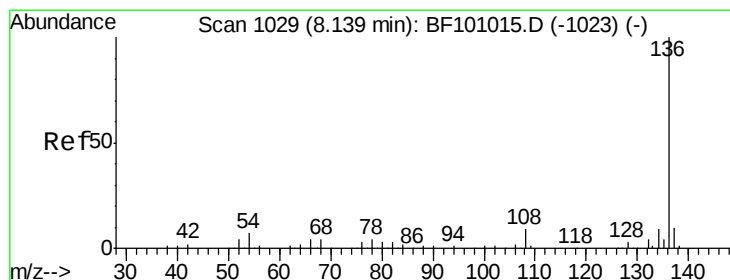
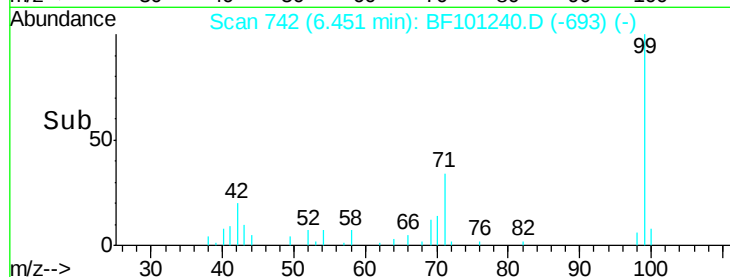
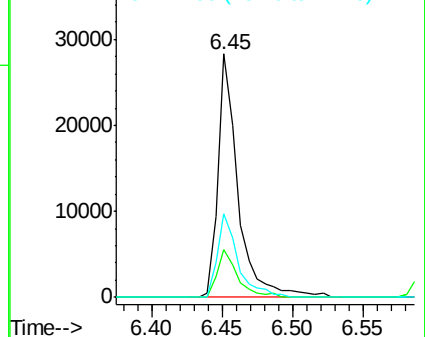
71 34.4 25.4 38.0



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: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF101240.D

Acq: 8 Dec 2017 17:17

Tgt Ion: 136 Resp: 174226

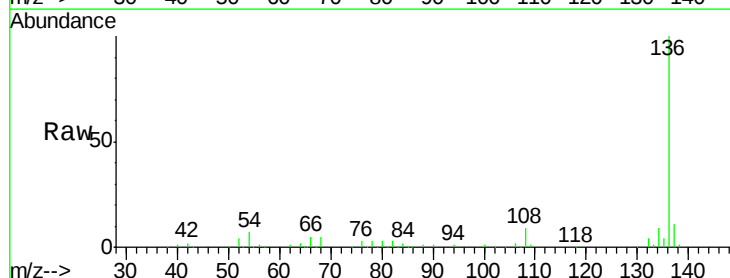
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.9 6.6 9.8

68 4.7 5.0 7.4#

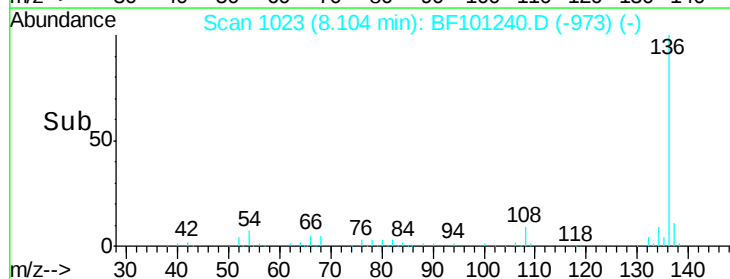
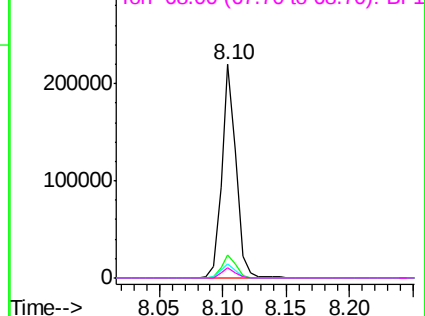


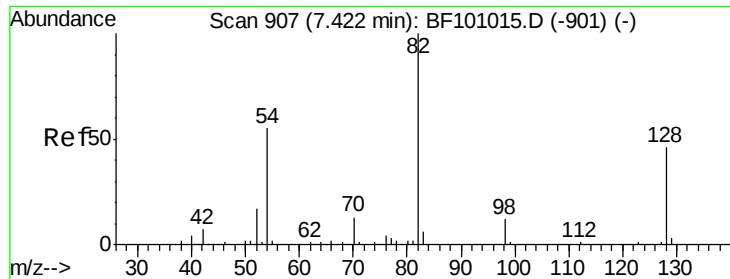
Abundance Ion 136.00 (135.70 to 136.70): E

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

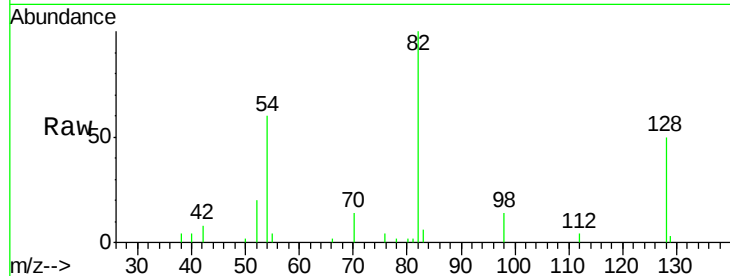




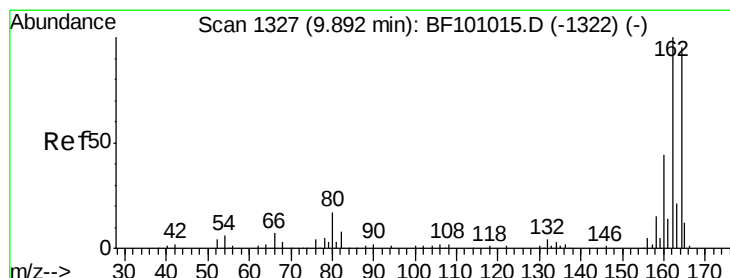
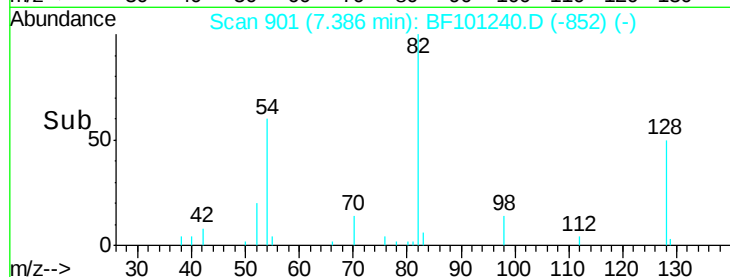
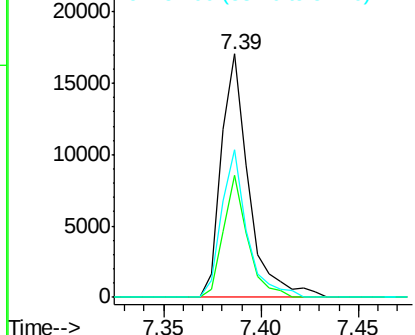
#23
 Nitrobenzene-d5
 Concen: 5.689 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF101240.D
 Acq: 8 Dec 2017 17:17

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-120617-B

Tot Ion: 82 Resp: 16616
 Ion Ratio Lower Upper
 82 100
 128 50.0 36.1 54.1
 54 60.4 41.4 62.2

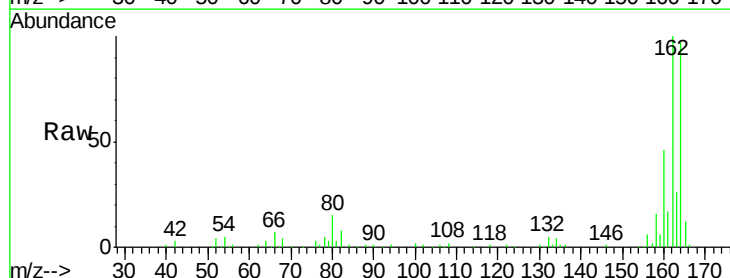


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

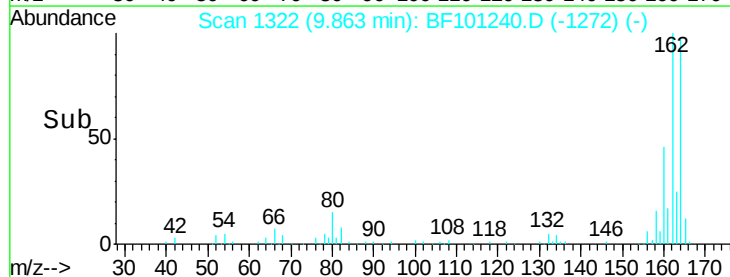
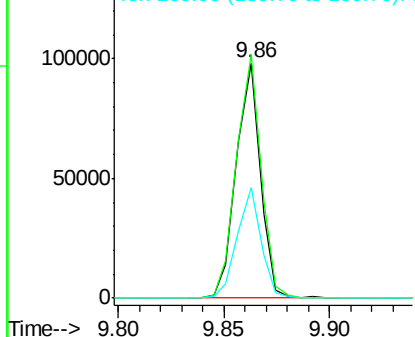


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF101240.D
 Acq: 8 Dec 2017 17:17

Tgt Ion:164 Resp: 77260
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 47.2 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: 7.453 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF101240.D

Acq: 8 Dec 2017 17:17

Instrument :

BNA_F

ClientSampleId :

CL-01-120617-B

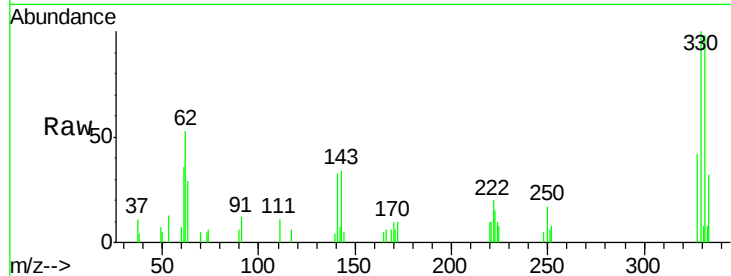
Tot Ion:330 Resp: 6917

Ion Ratio Lower Upper

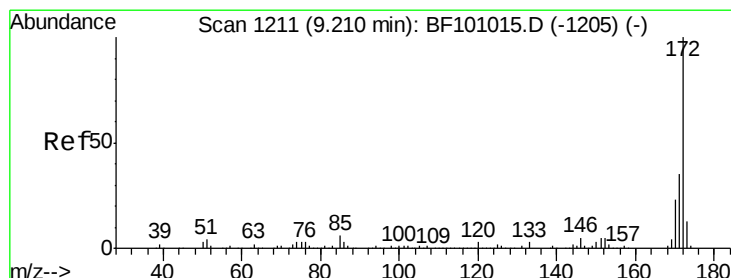
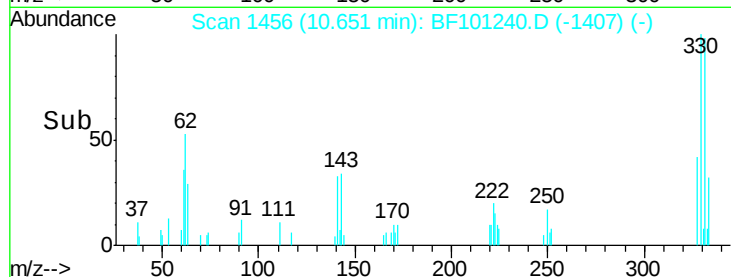
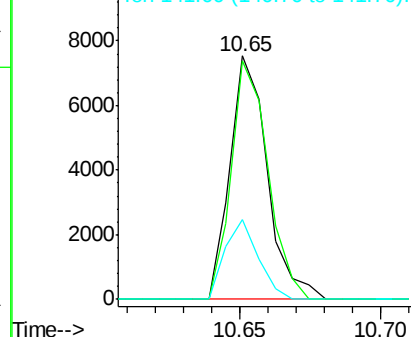
330 100

332 96.2 77.0 115.6

141 29.1 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: 7.210 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF101240.D

Acq: 8 Dec 2017 17:17

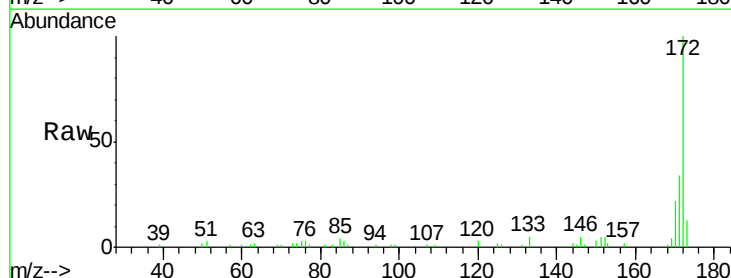
Tgt Ion:172 Resp: 40715

Ion Ratio Lower Upper

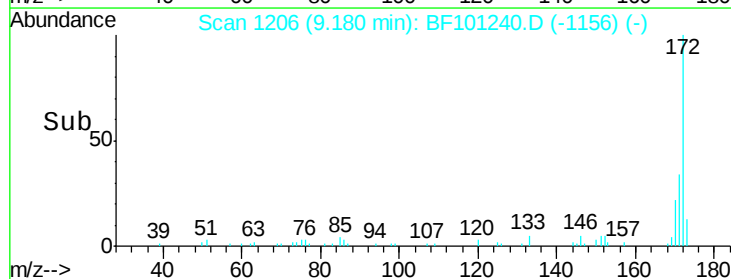
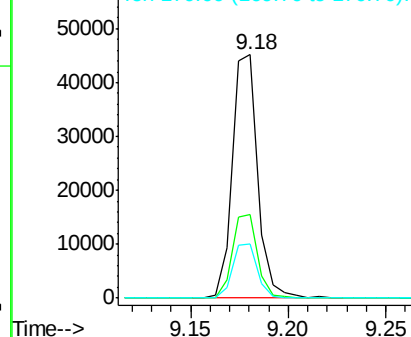
172 100

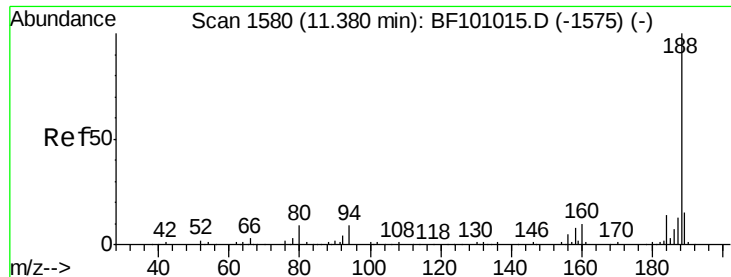
171 34.4 29.7 44.5

170 22.1 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

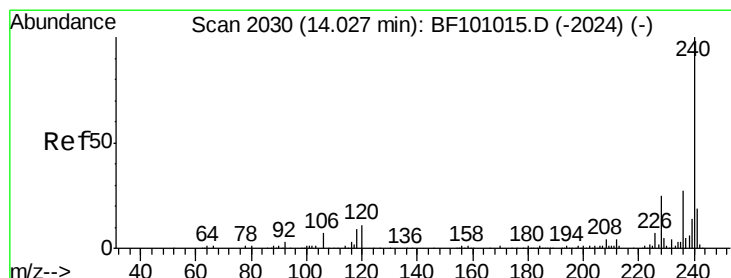
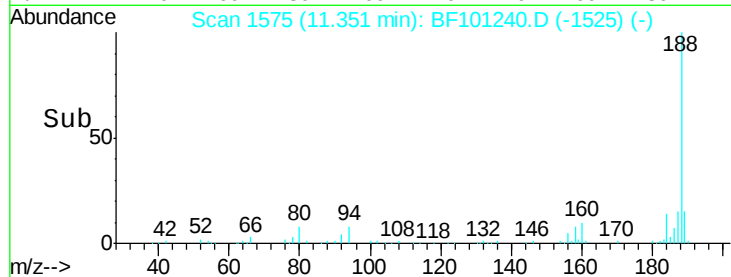
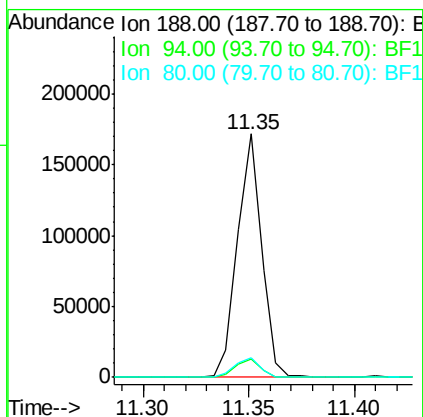
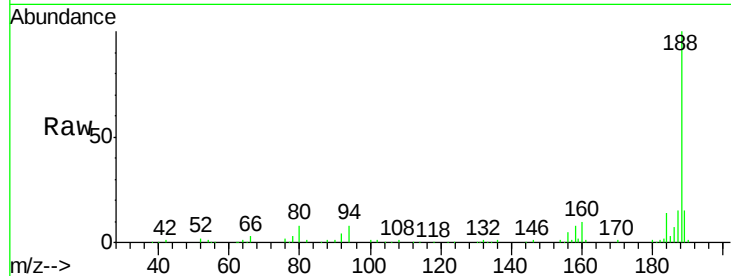




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF101240.D
Acq: 8 Dec 2017 17:17

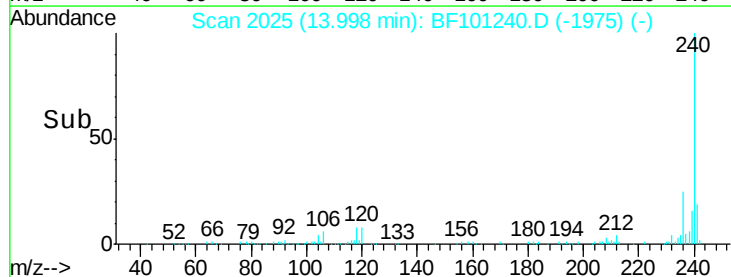
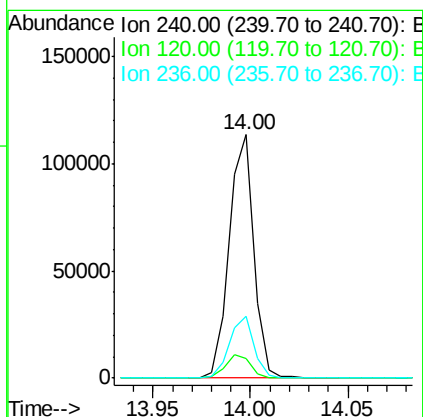
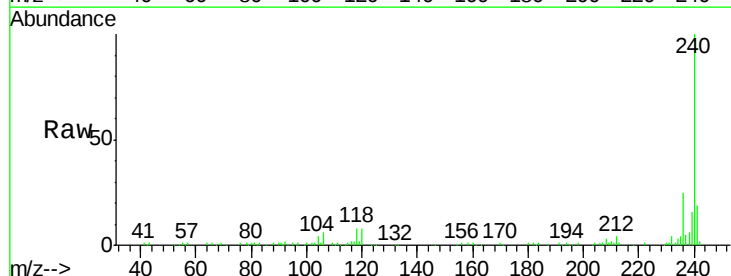
Instrument :
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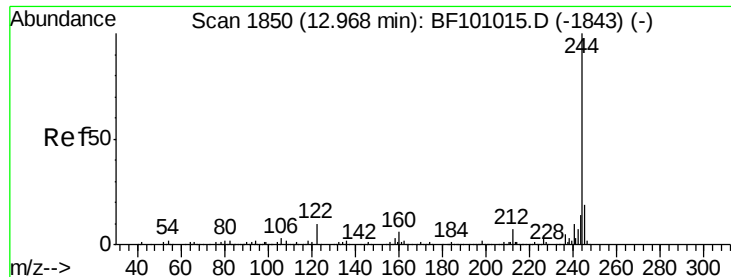
Tot Ion:188 Resp: 136172
Ion Ratio Lower Upper
188 100
94 7.5 8.5 12.7#
80 8.3 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF101240.D
Acq: 8 Dec 2017 17:17

Tgt Ion:240 Resp: 99460
Ion Ratio Lower Upper
240 100
120 8.2 9.5 14.3#
236 25.1 20.7 31.1

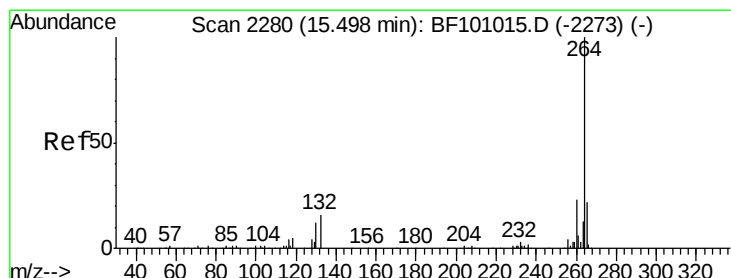
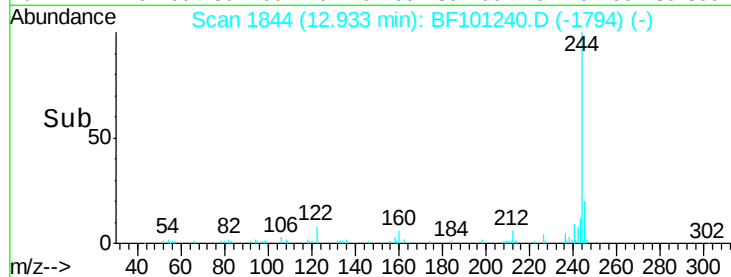
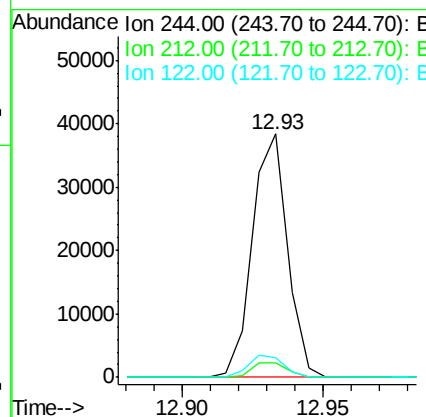
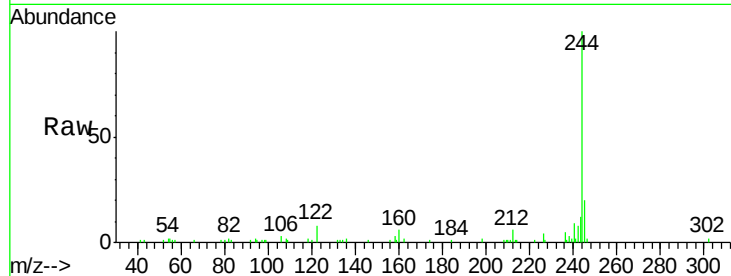




#78
 Terphenyl-d14
 Concen: 7.269 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF101240.D
 Acq: 8 Dec 2017 17:17

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-120617-B

Tot Ion:244 Resp: 33055
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.4 8.0
 122 7.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF101240.D
 Acq: 8 Dec 2017 17:17

Tgt Ion:264 Resp: 91737
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 23.1 17.5 26.3

