

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102115.D
 Acq On : 16 Jan 2018 17:55
 Operator : SJ/JU
 Sample : J1115-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-32-2.0-2.5

Quant Time: Jan 17 02:39:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

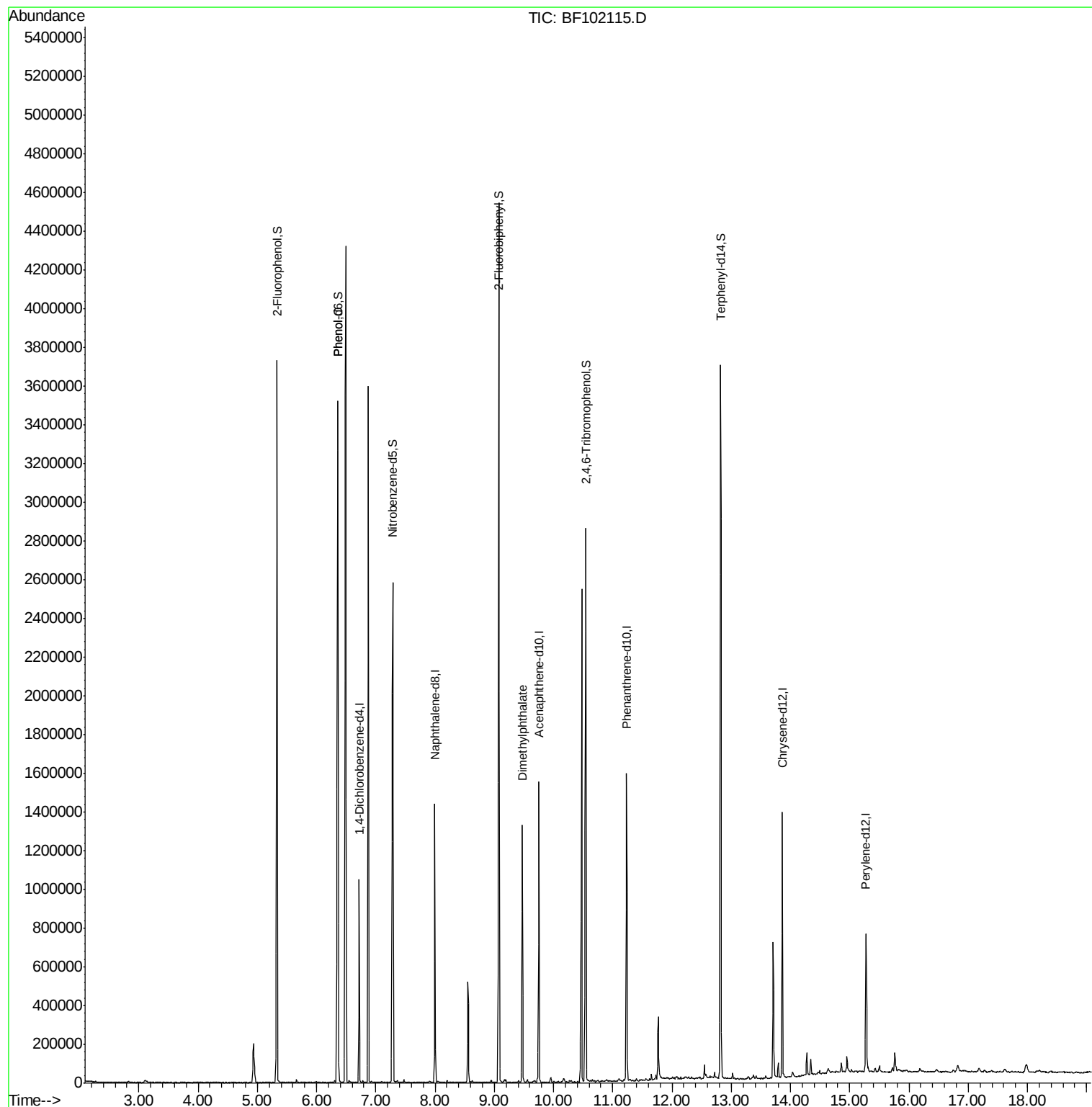
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	153156	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	629661	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	287373	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	514930	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	433559	20.00	ng	-0.02
86) Perylene-d12	15.27	264	314307	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1249912	115.24	ng	0.00
7) Phenol-d6	6.36	99	1483035	114.60	ng	0.00
23) Nitrobenzene-d5	7.29	82	956513	89.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	357095	142.39	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1478148	80.36	ng	-0.01
78) Terphenyl-d14	12.82	244	1365723	65.40	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	61370	4.196	ng	90
49) Dimethylphthalate	9.47	163	495092	21.476	ng	99

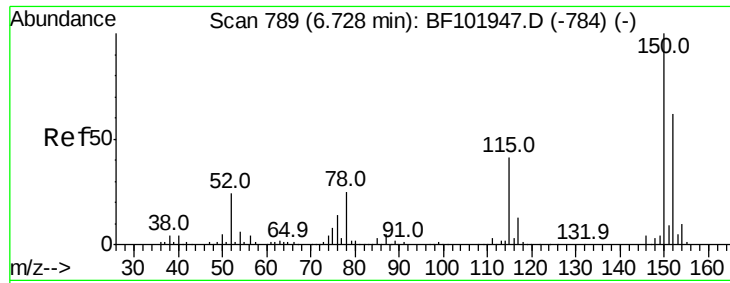
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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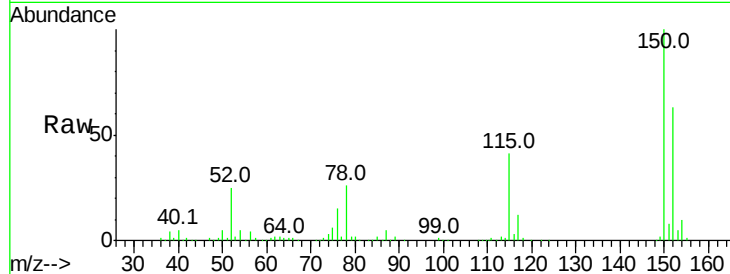


#1

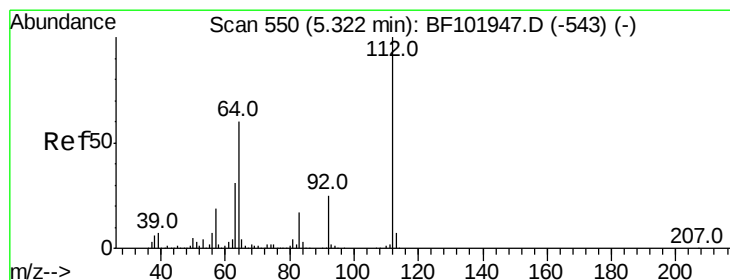
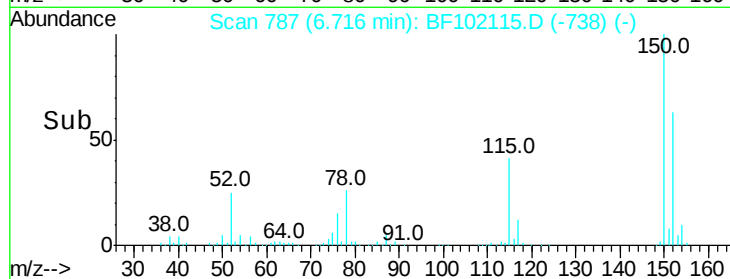
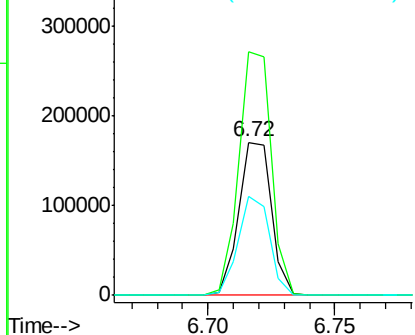
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102115.D
Acq: 16 Jan 2018 17:55

Instrument :
BNA_F
ClientSampleId :
SB-32-2.0-2.5

Tot Ion:152 Resp: 153156
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 64.7 50.1 75.1



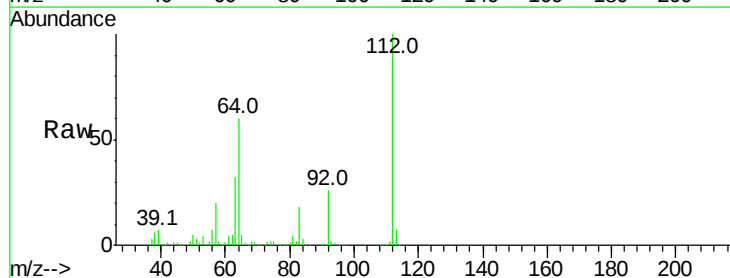
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



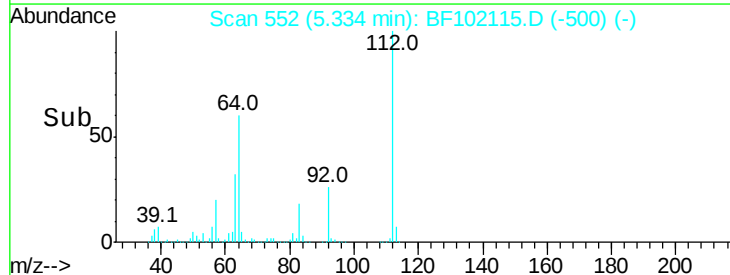
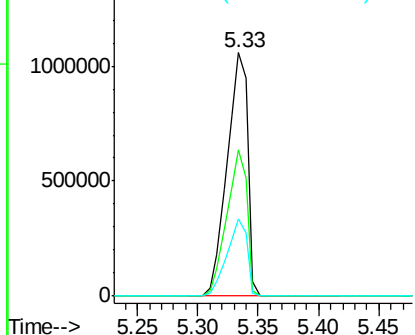
#5

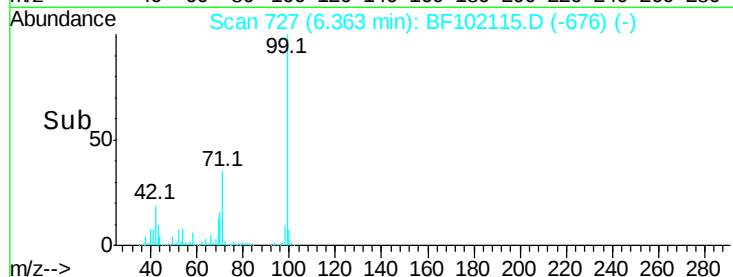
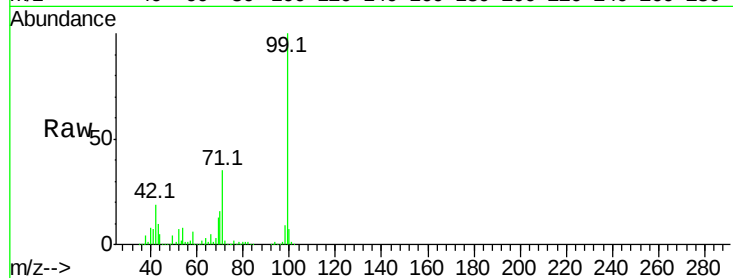
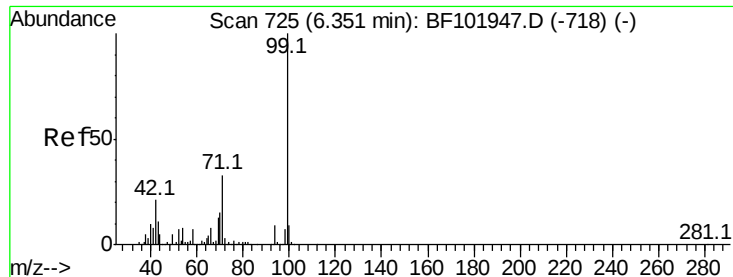
2-Fluorophenol
Concen: 115.241 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102115.D
Acq: 16 Jan 2018 17:55

Tgt Ion:112 Resp: 1249912
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 31.8 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: 114.604 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102115.D

Acq: 16 Jan 2018 17:55

Instrument :

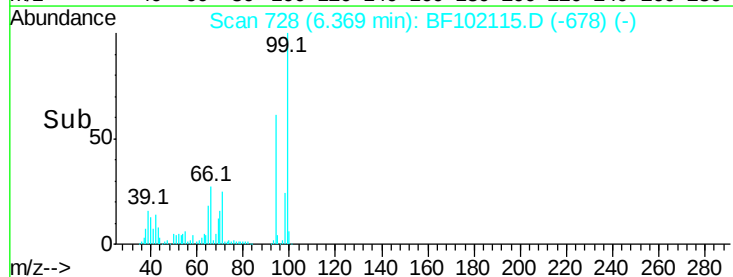
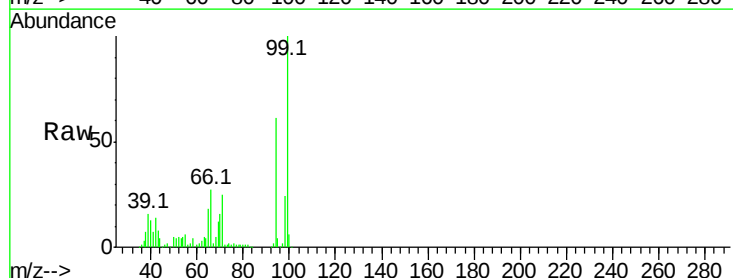
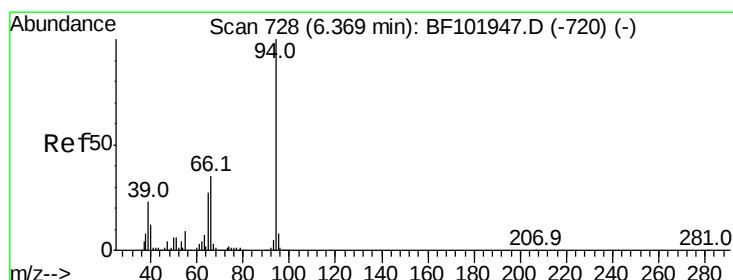
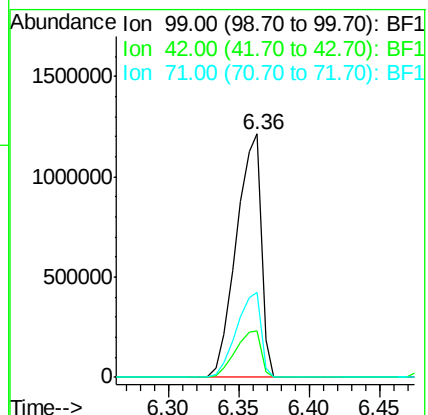
BNA_F

ClientSampleId :

SB-32-2.0-2.5

Tot Ion: 99 Resp: 1483035

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	35.0	25.4	38.0



#10

Phenol

Concen: 4.196 ng

RT: 6.37 min Scan# 728

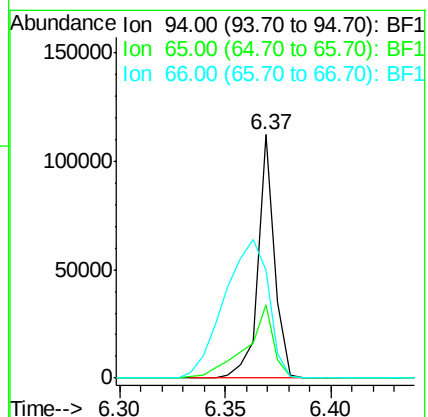
Delta R.T. -0.01 min

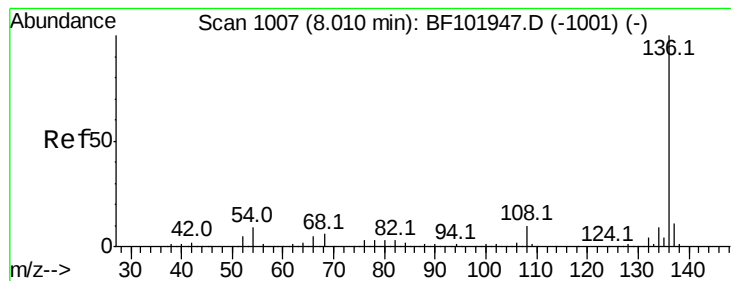
Lab File: BF102115.D

Acq: 16 Jan 2018 17:55

Tgt Ion: 94 Resp: 61370

Ion	Ratio	Lower	Upper
94	100		
65	30.1	7.9	47.9
66	44.2	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF102115.D

Acq: 16 Jan 2018 17:55

Instrument :

BNA_F

ClientSampleId :

SB-32-2.0-2.5

Tot Ion:136 Resp: 629661

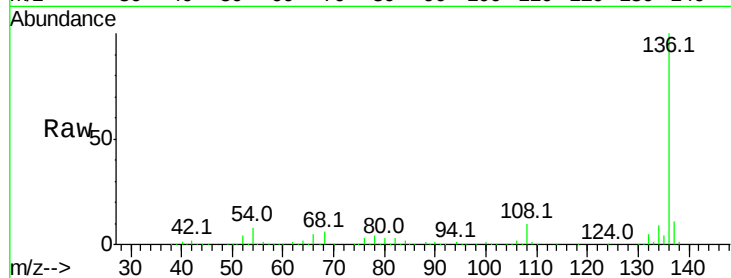
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.4 6.6 9.8

68 5.6 5.0 7.4

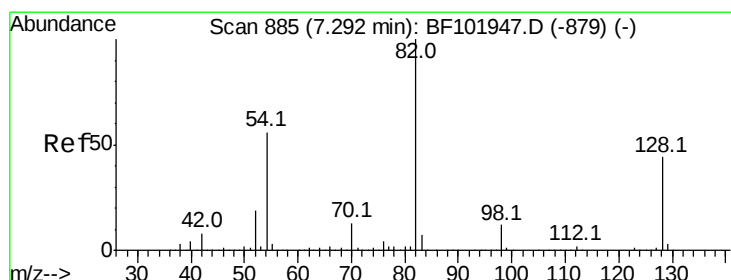
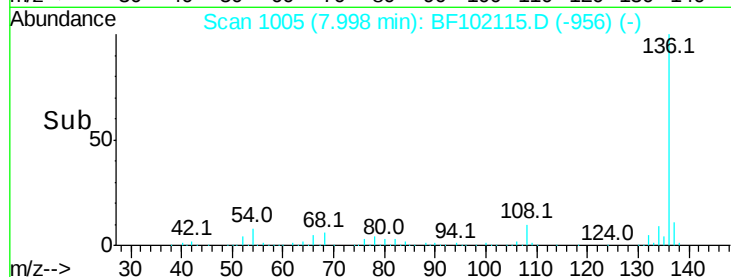
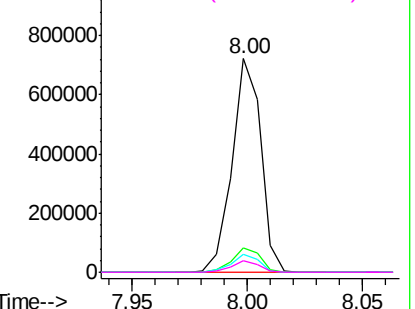


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.268 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102115.D

Acq: 16 Jan 2018 17:55

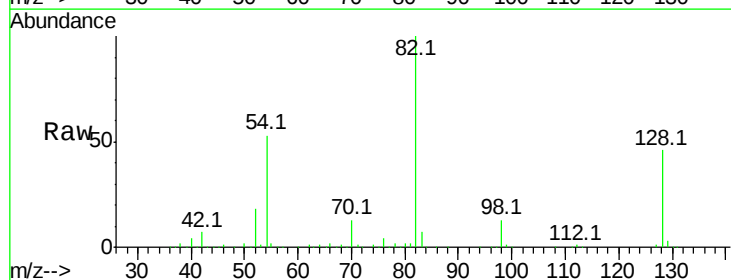
Tgt Ion: 82 Resp: 956513

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

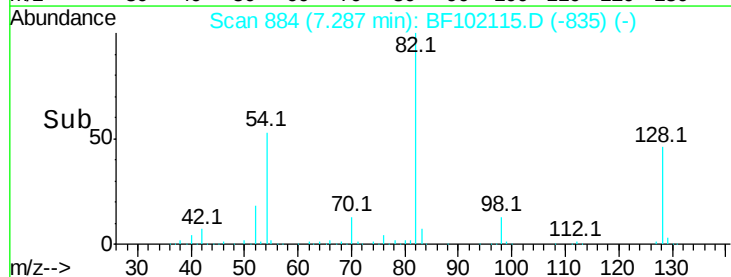
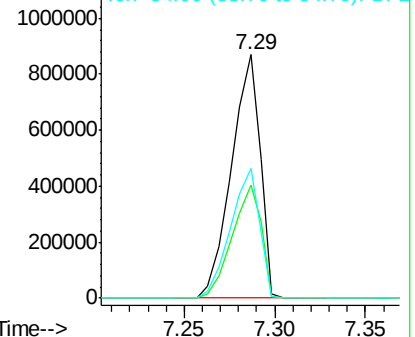
54 53.4 41.4 62.2

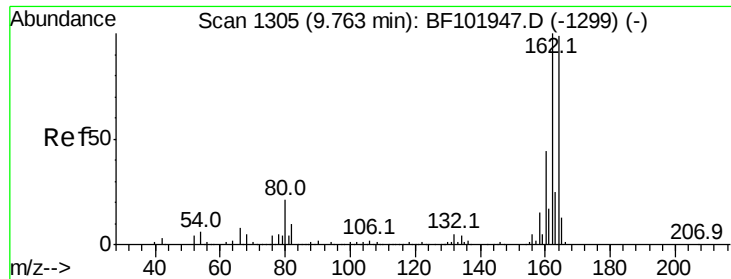


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

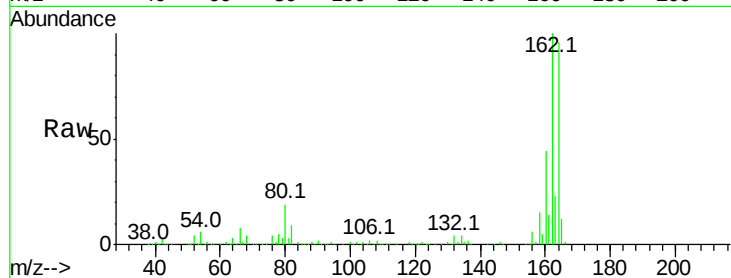




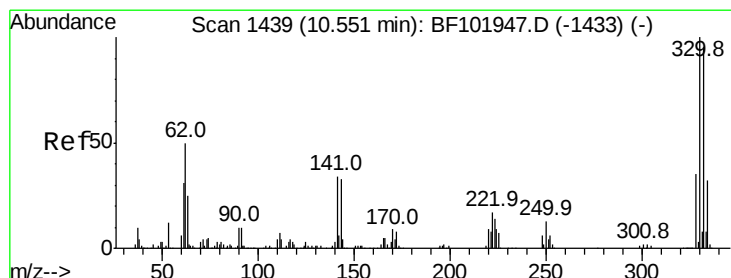
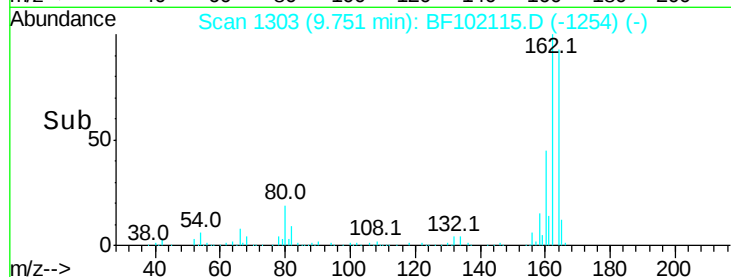
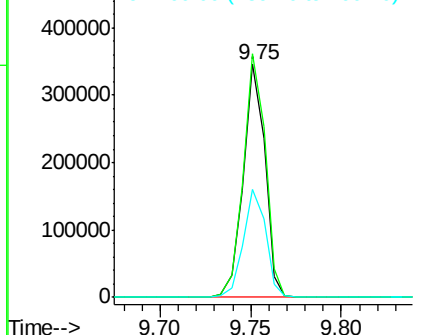
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102115.D
 Acq: 16 Jan 2018 17:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-32-2.0-2.5

Tot Ion:164 Resp: 287373
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 46.5 38.3 57.5

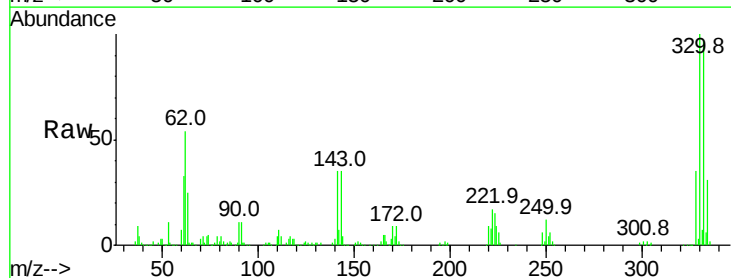


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

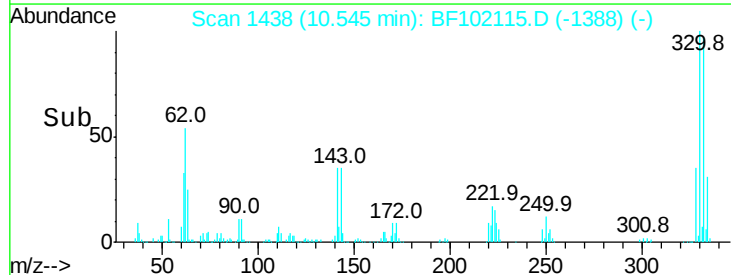
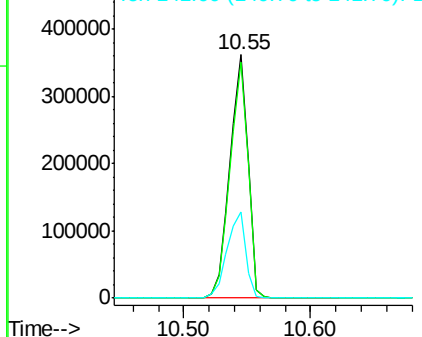


#41
 2,4,6-Tribromophenol
 Concen: 142.390 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102115.D
 Acq: 16 Jan 2018 17:55

Tgt Ion:330 Resp: 357095
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 36.3 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

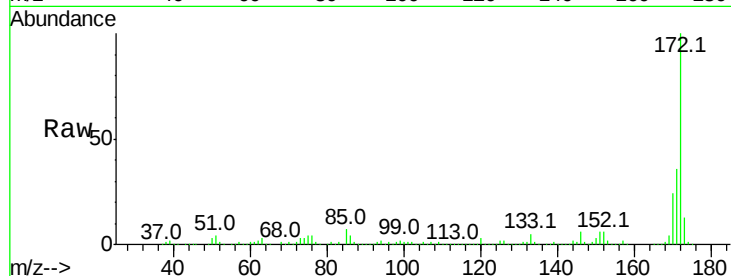




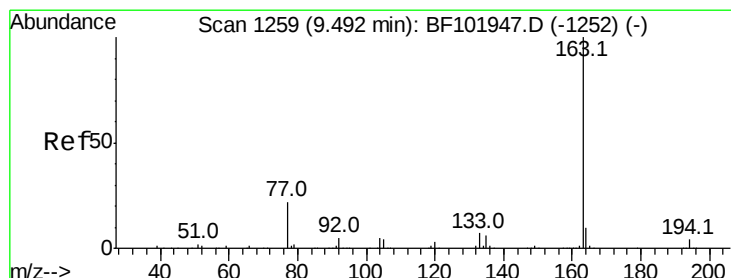
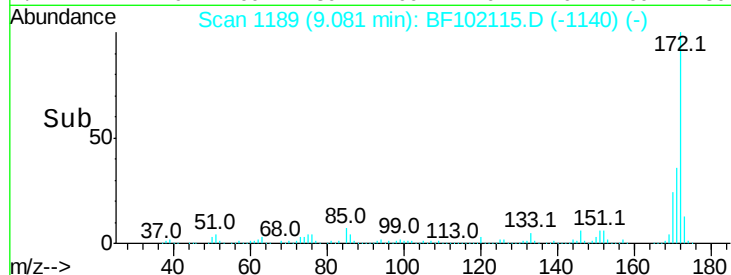
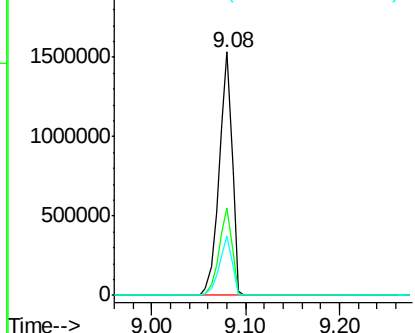
#44
2-Fluorobiphenyl
Concen: 80.358 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102115.D
Acq: 16 Jan 2018 17:55

Instrument :
BNA_F
ClientSampleId :
SB-32-2.0-2.5

Tot Ion:172 Resp: 1478148
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.2 19.6 29.4

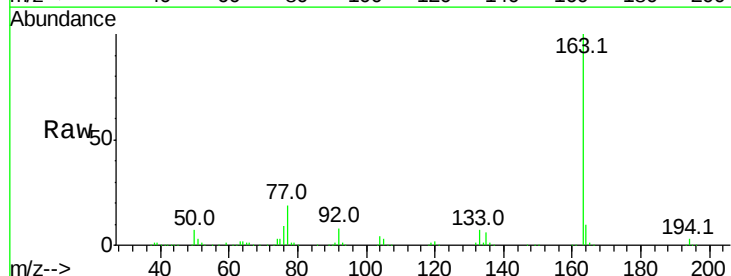


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

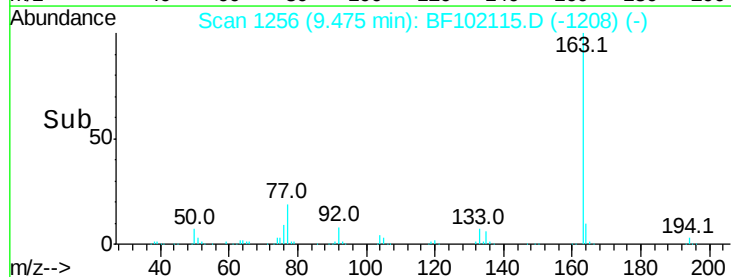
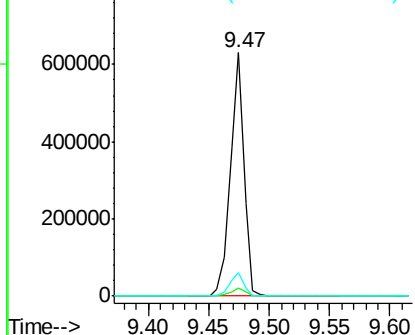


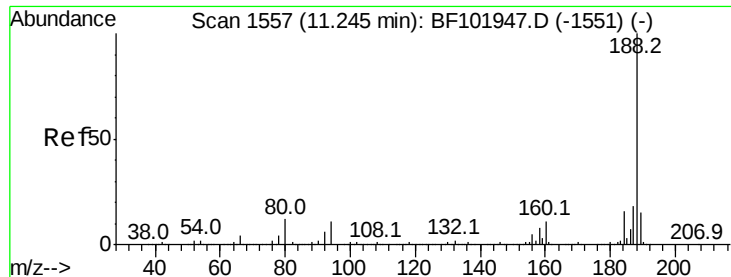
#49
Dimethylphthalate
Concen: 21.476 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102115.D
Acq: 16 Jan 2018 17:55

Tgt Ion:163 Resp: 495092
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102115.D

Acq: 16 Jan 2018 17:55

Instrument :

BNA_F

ClientSampleId :

SB-32-2.0-2.5

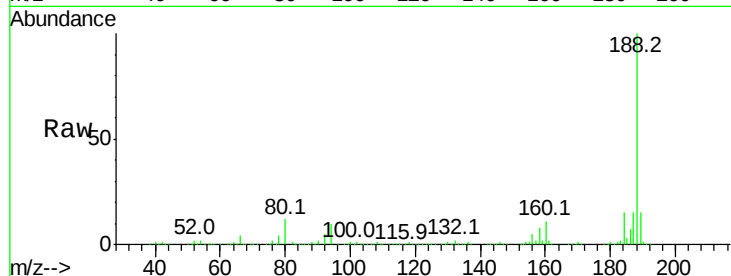
Tot Ion:188 Resp: 514930

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

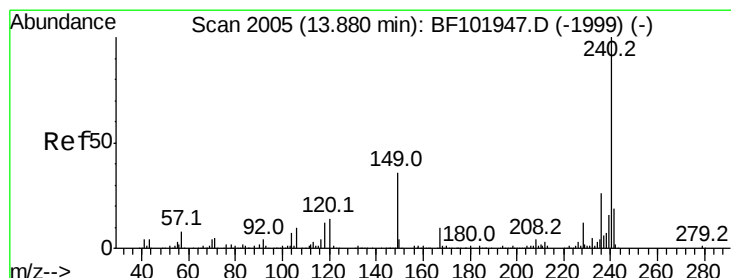
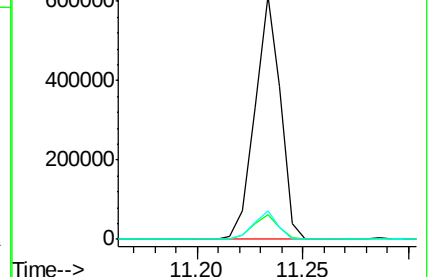
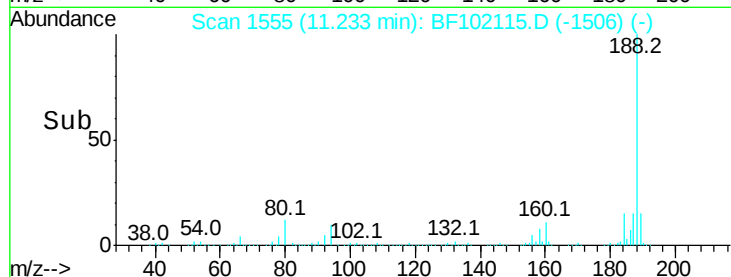
80 11.5 9.2 13.8



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: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF102115.D

Acq: 16 Jan 2018 17:55

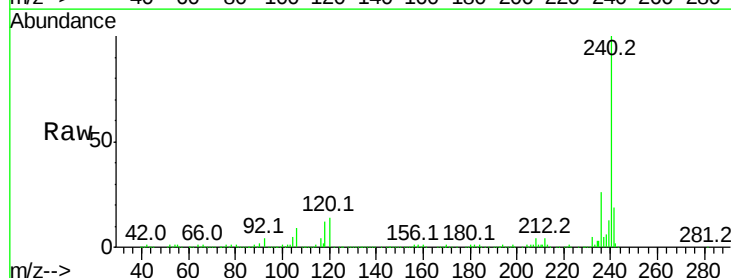
Tgt Ion:240 Resp: 433559

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

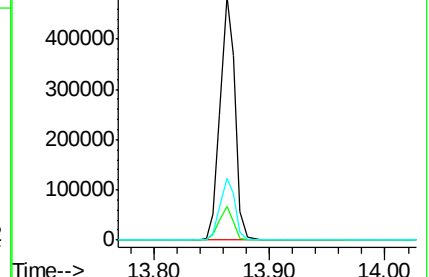
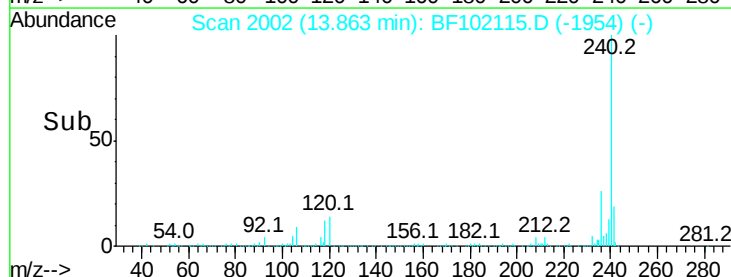
236 25.6 20.7 31.1



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: 65.403 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102115.D

Acq: 16 Jan 2018 17:55

Instrument :

BNA_F

ClientSampleId :

SB-32-2.0-2.5

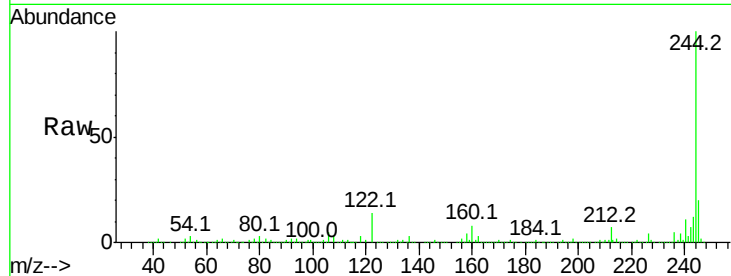
Tot Ion:244 Resp: 1365723

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

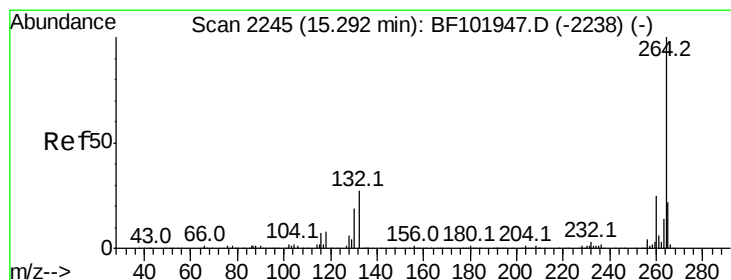
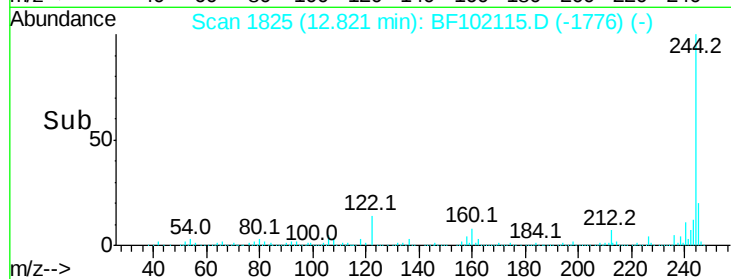
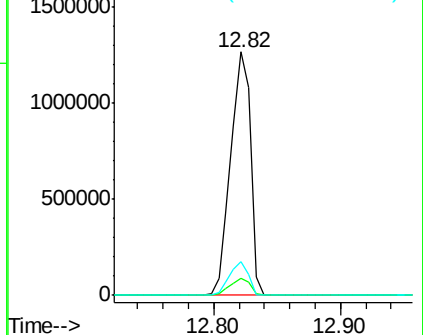
122 13.7 11.0 16.4



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: 15.27 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BF102115.D

Acq: 16 Jan 2018 17:55

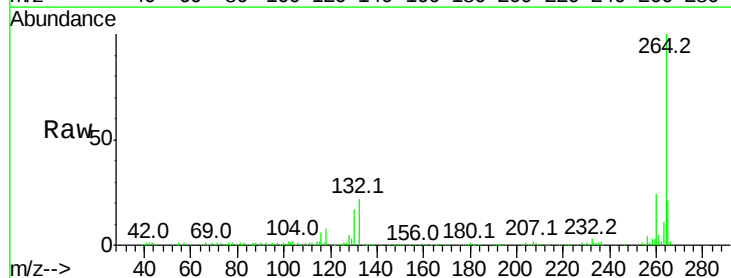
Tgt Ion:264 Resp: 314307

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.5 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

