

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102102.D
 Acq On : 16 Jan 2018 12:00
 Operator : SJ/JU
 Sample : J1114-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-29-2.0-2.5

Quant Time: Jan 17 00:07:36 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

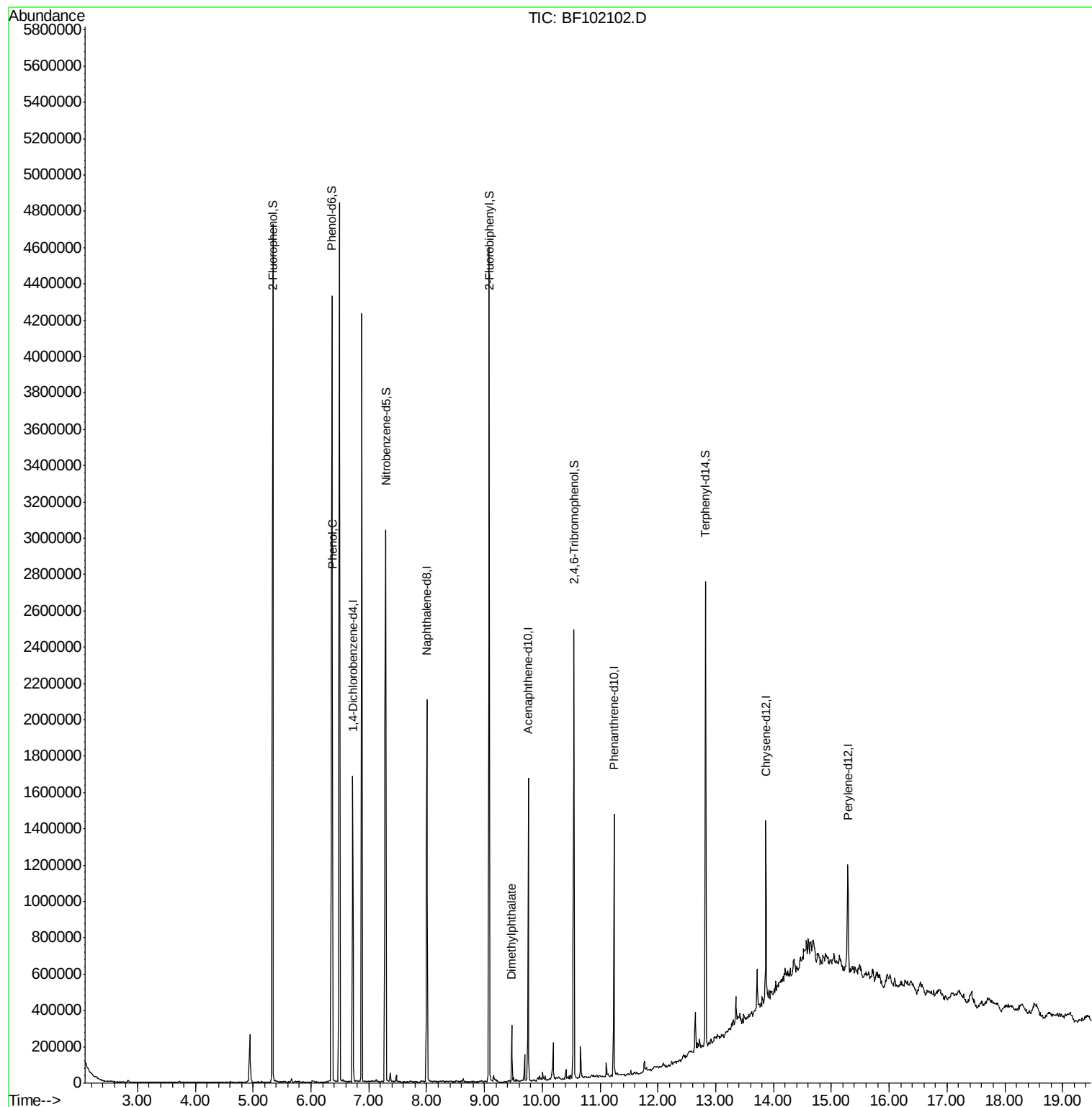
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	214709	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	881480	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	296869	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	452739	20.00	ng	0.00
75) Chrysene-d12	13.87	240	300331	20.00	ng	-0.01
86) Perylene-d12	15.29	264	262538	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1484123	97.61	ng	0.01
7) Phenol-d6	6.36	99	1812025	99.88	ng	0.00
23) Nitrobenzene-d5	7.29	82	1143182	76.21	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	281190	108.54	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1555153	81.84	ng	-0.01
78) Terphenyl-d14	12.82	244	916784	63.38	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	49669	2.423	ng	95
49) Dimethylphthalate	9.47	163	108657	4.563	ng	99

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

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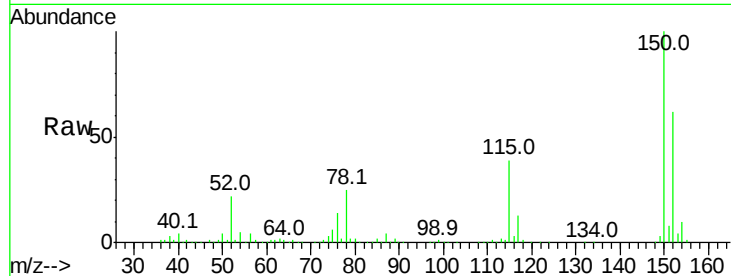


#1

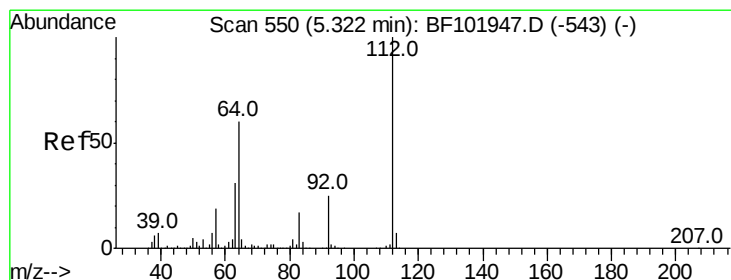
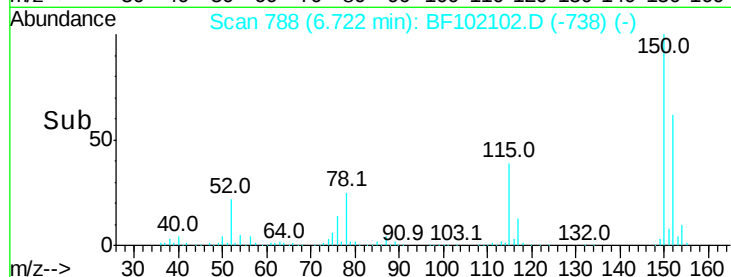
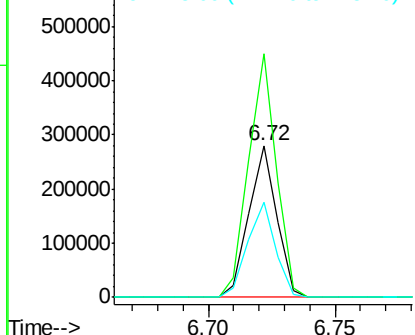
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102102.D
Acq: 16 Jan 2018 12:00

Instrument :
BNA_F
ClientSampleId :
SB-29-2.0-2.5

Tot Ion:152 Resp: 214709
Ion Ratio Lower Upper
152 100
150 160.7 124.6 186.8
115 63.0 50.1 75.1



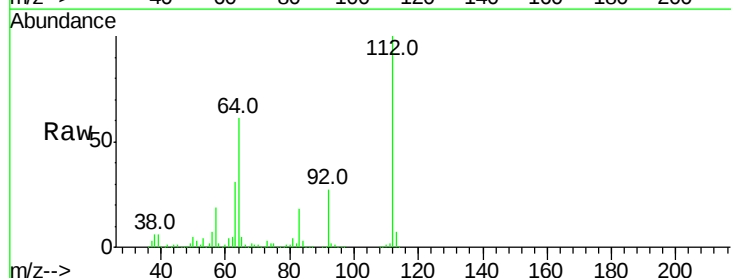
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



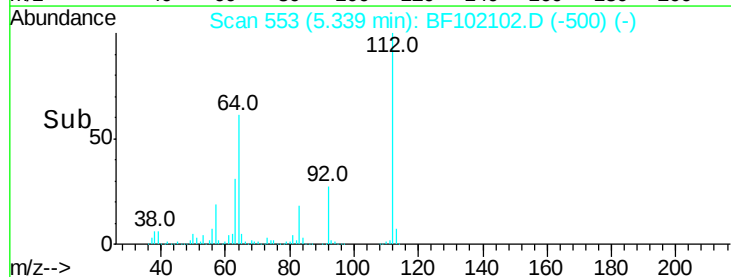
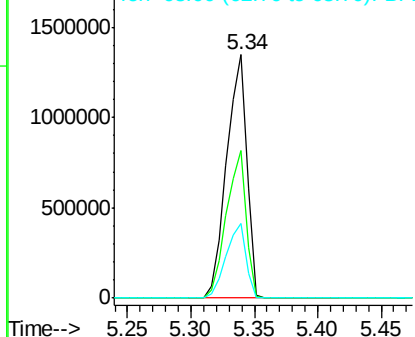
#5

2-Fluorophenol
Concen: 97.607 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102102.D
Acq: 16 Jan 2018 12:00

Tgt Ion:112 Resp: 1484123
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 30.7 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: 99.884 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102102.D

Acq: 16 Jan 2018 12:00

Instrument :

BNA_F

ClientSampleId :

SB-29-2.0-2.5

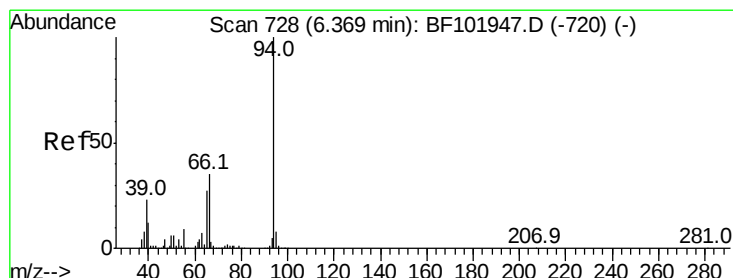
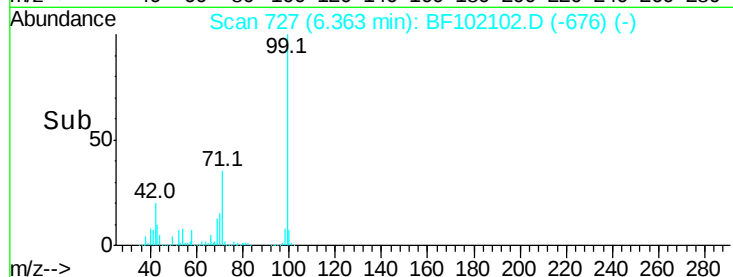
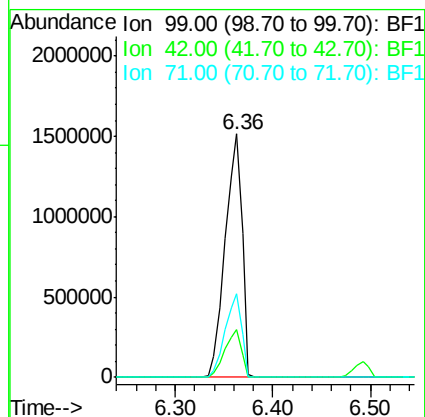
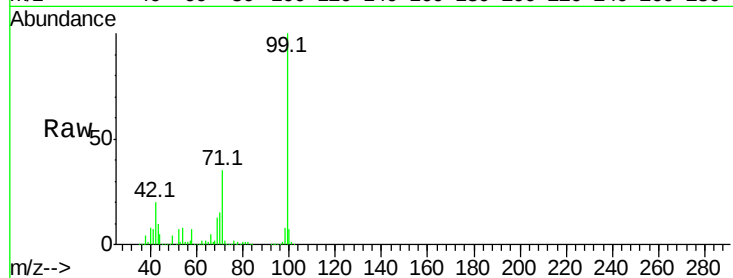
Tot Ion: 99 Resp: 1812025

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 34.6 25.4 38.0



#10

Phenol

Concen: 2.423 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102102.D

Acq: 16 Jan 2018 12:00

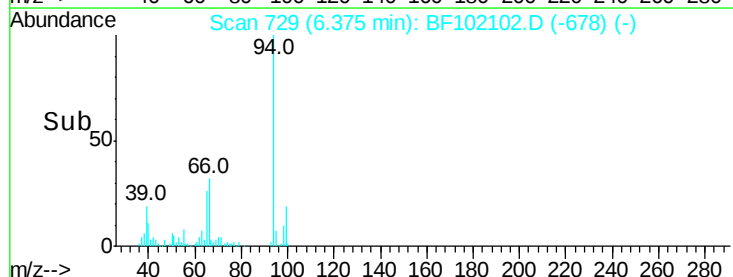
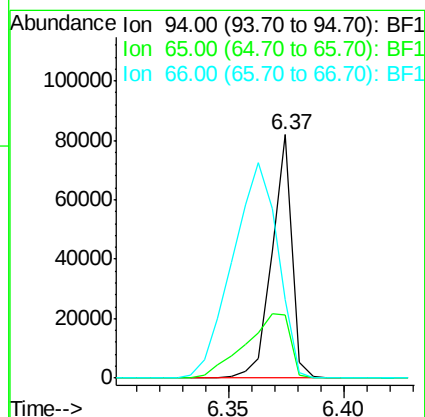
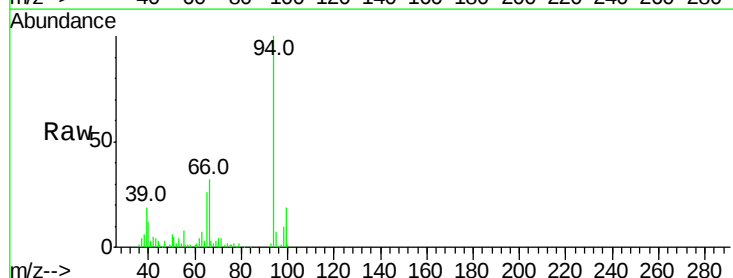
Tgt Ion: 94 Resp: 49669

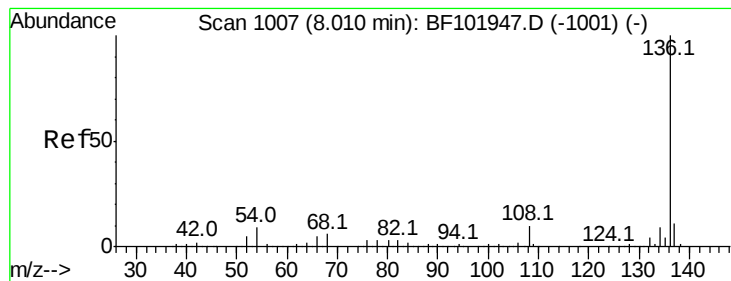
Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

66 32.3 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF102102.D

Acq: 16 Jan 2018 12:00

Instrument :

BNA_F

ClientSampleId :

SB-29-2.0-2.5

Tot Ion:136 Resp: 881480

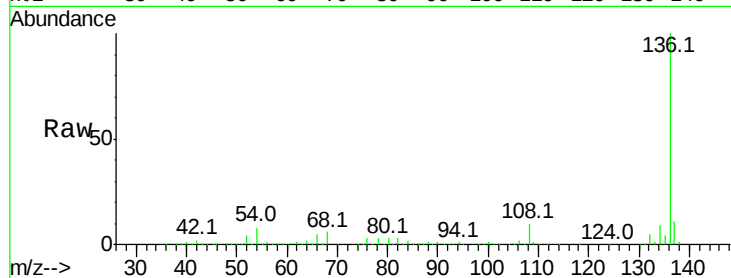
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.0 6.6 9.8

68 5.8 5.0 7.4

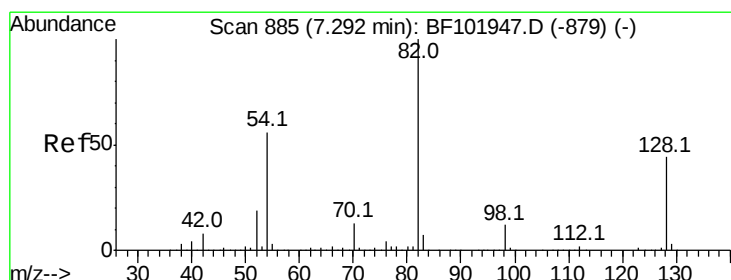
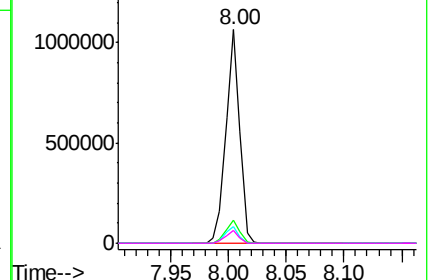
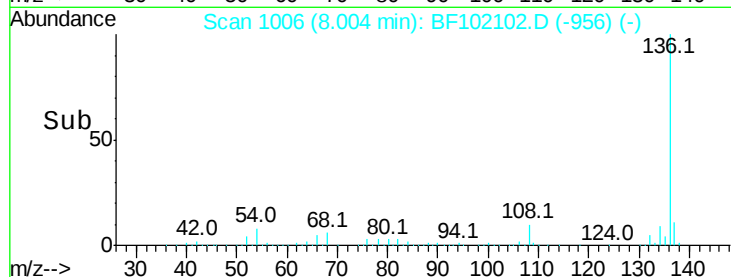


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.211 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF102102.D

Acq: 16 Jan 2018 12:00

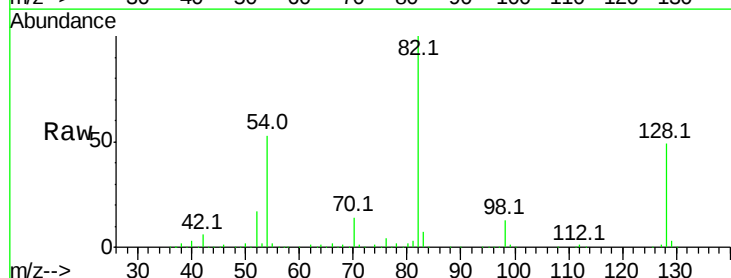
Tgt Ion: 82 Resp: 1143182

Ion Ratio Lower Upper

82 100

128 48.7 36.1 54.1

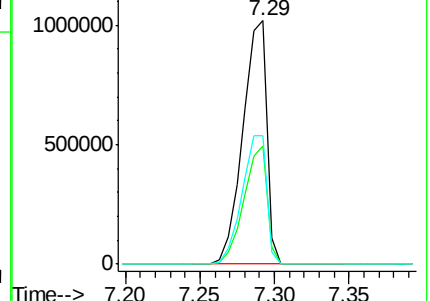
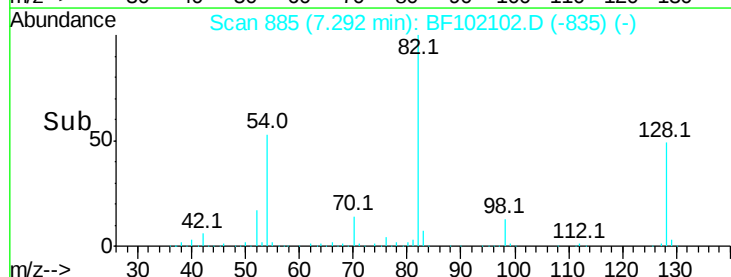
54 52.6 41.4 62.2

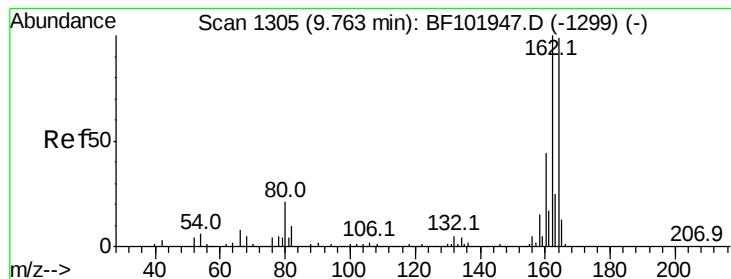


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF102102.D

Acq: 16 Jan 2018 12:00

Instrument :

BNA_F

ClientSampleId :

SB-29-2.0-2.5

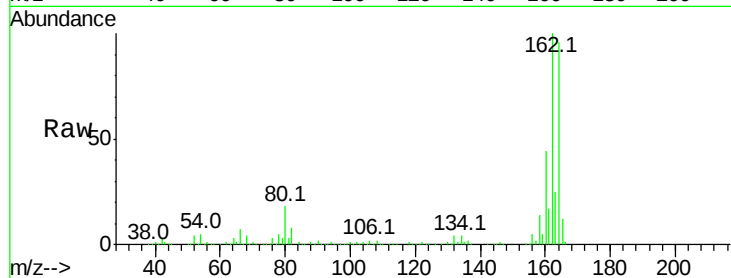
Tot Ion:164 Resp: 296869

Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

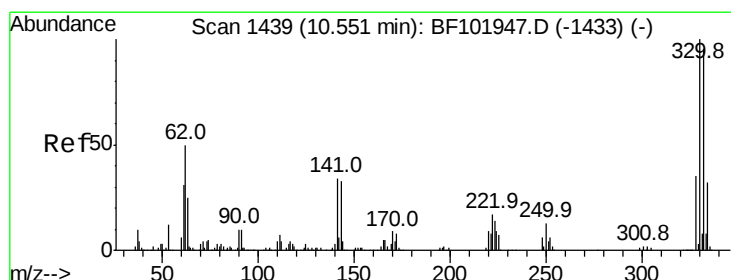
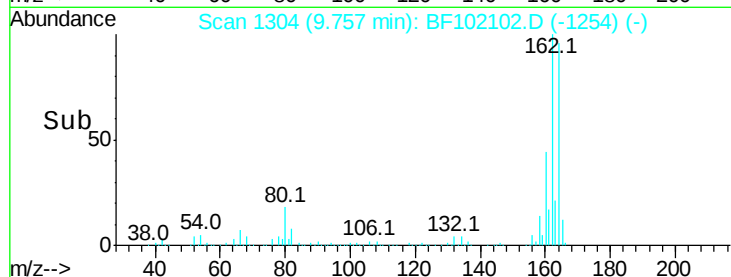
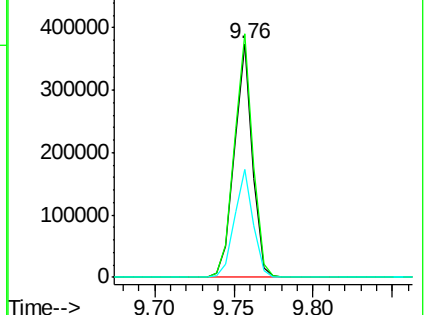
160 46.1 38.3 57.5



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: 108.537 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102102.D

Acq: 16 Jan 2018 12:00

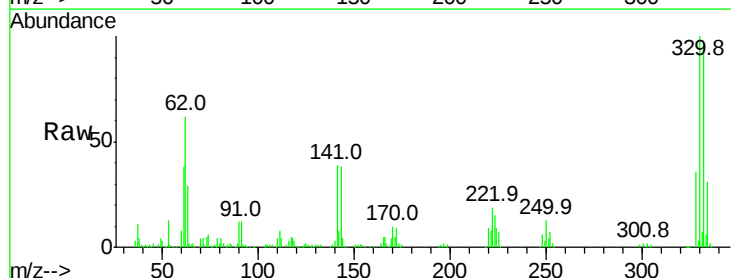
Tgt Ion:330 Resp: 281190

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

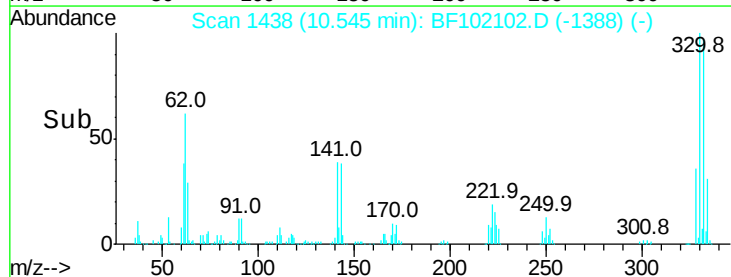
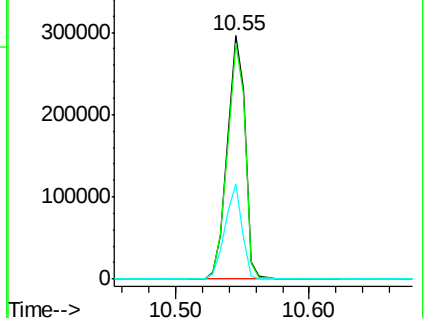
141 37.5 29.9 44.9

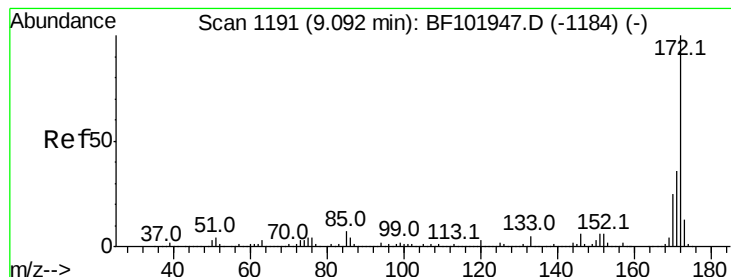


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 81.840 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF102102.D

Acq: 16 Jan 2018 12:00

Instrument :

BNA_F

ClientSampleId :

SB-29-2.0-2.5

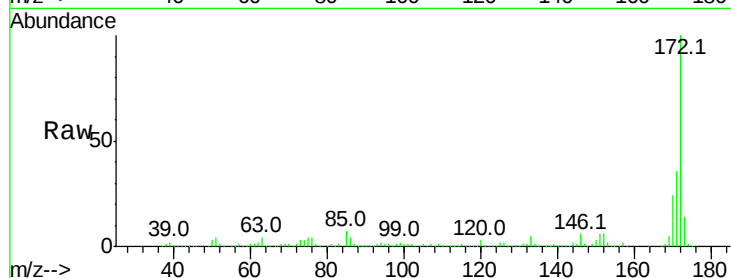
Tot Ion:172 Resp: 1555153

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

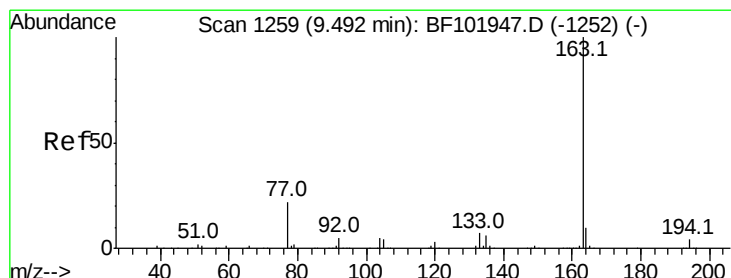
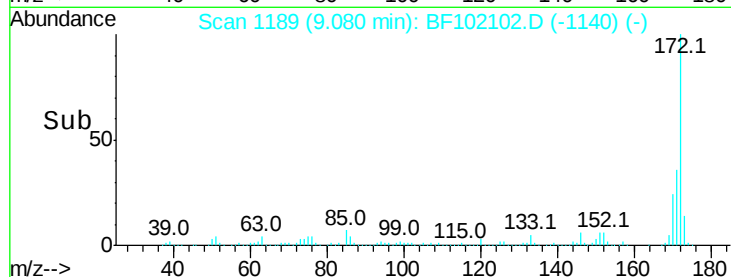
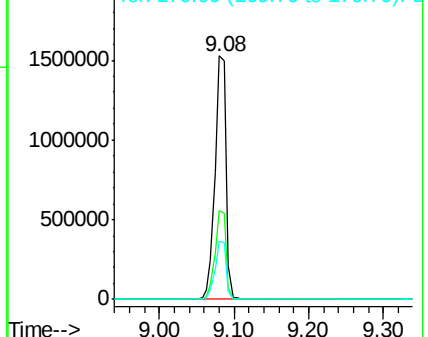
170 24.1 19.6 29.4



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



#49

Dimethylphthalate

Concen: 4.563 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF102102.D

Acq: 16 Jan 2018 12:00

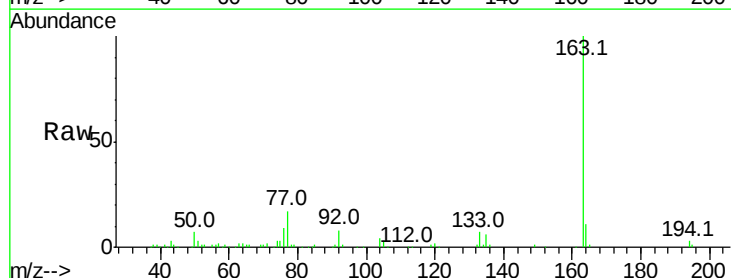
Tgt Ion:163 Resp: 108657

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

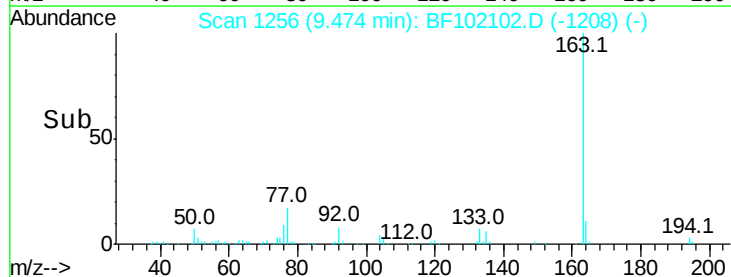
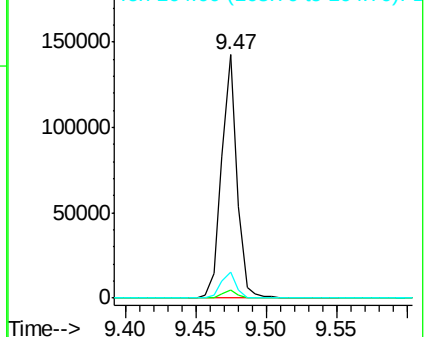
164 10.7 8.2 12.2



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

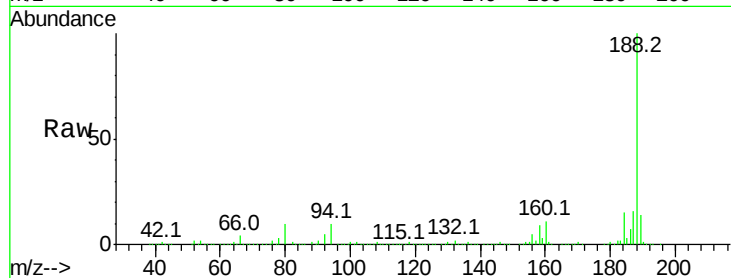




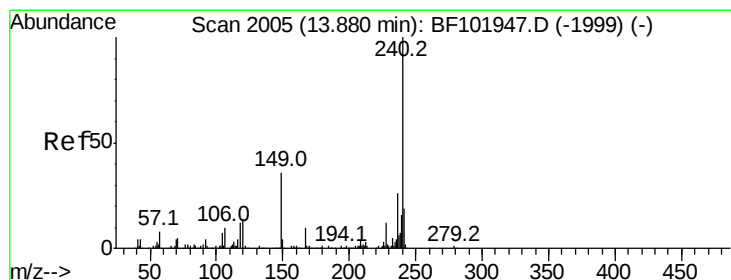
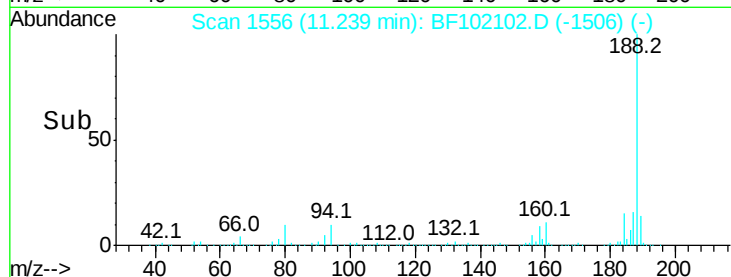
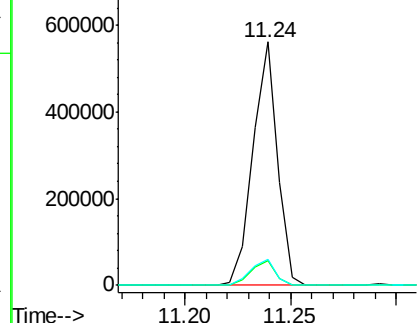
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102102.D
Acq: 16 Jan 2018 12:00

Instrument :
BNA_F
ClientSampleId :
SB-29-2.0-2.5

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.5	9.2	13.8

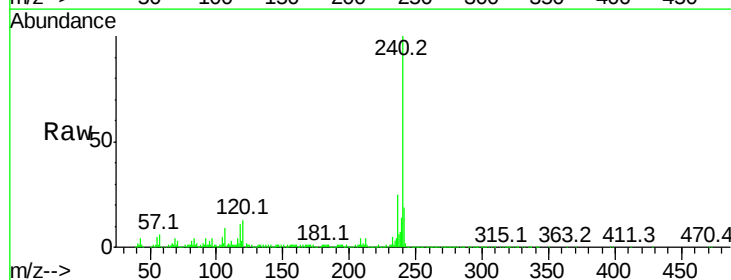


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

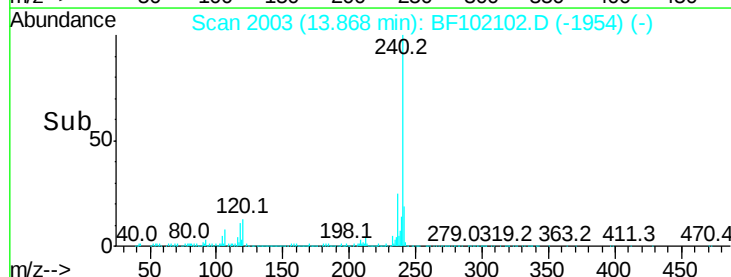
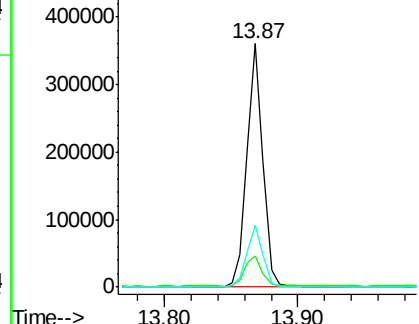


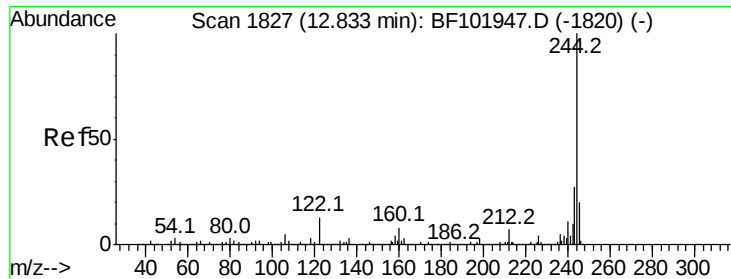
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102102.D
Acq: 16 Jan 2018 12:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	25.2	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: 63.380 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102102.D

Acq: 16 Jan 2018 12:00

Instrument :

BNA_F

ClientSampleId :

SB-29-2.0-2.5

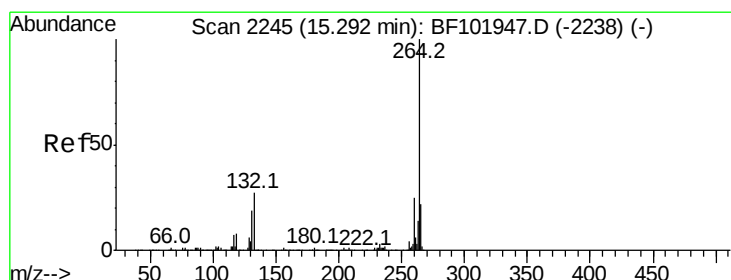
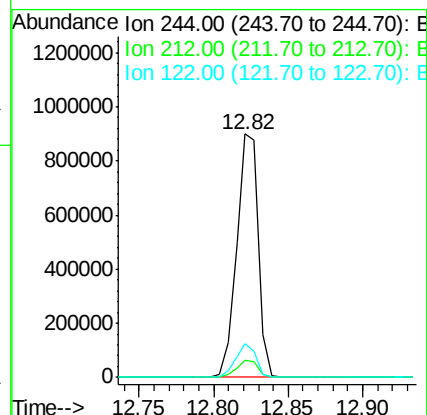
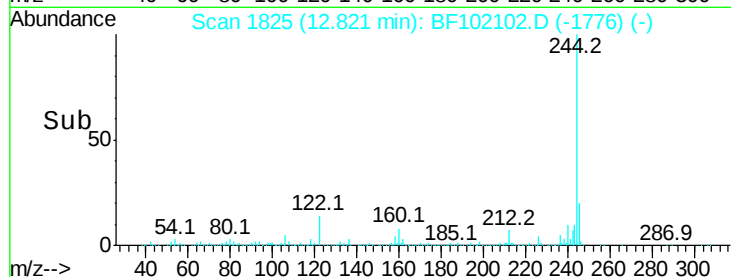
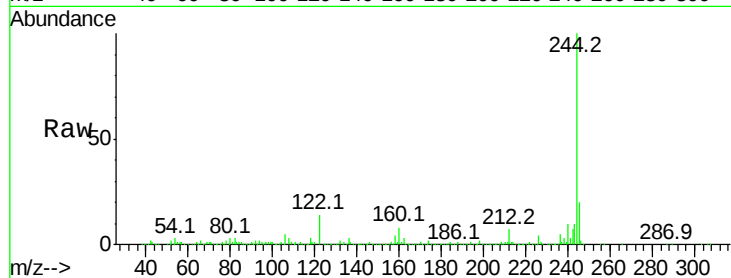
Tot Ion:244 Resp: 916784

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 14.0 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BF102102.D

Acq: 16 Jan 2018 12:00

Tgt Ion:264 Resp: 262538

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.0 17.5 26.3

