

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102100.D
 Acq On : 16 Jan 2018 11:06
 Operator : SJ/JU
 Sample : J1116-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-3.5-4.0

Quant Time: Jan 16 23:46:47 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

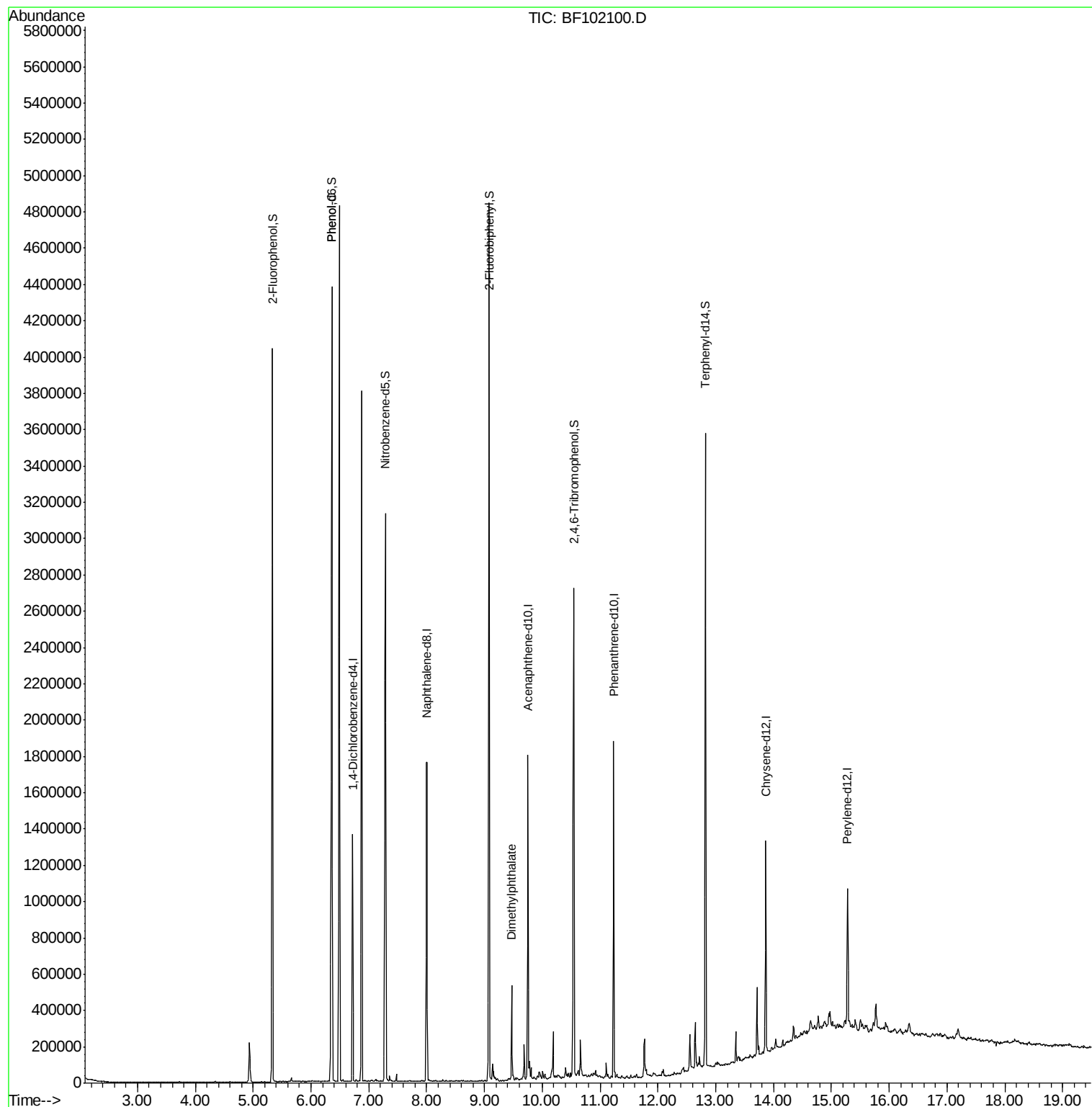
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	206921	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	851651	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	372878	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	625587	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	407102	20.00	ng	-0.01
86) Perylene-d12	15.29	264	344321	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1366833	93.28	ng	0.01
7) Phenol-d6	6.36	99	1761888	100.78	ng	0.00
23) Nitrobenzene-d5	7.29	82	1129484	77.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	339172	104.23	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1496259	62.69	ng	-0.01
78) Terphenyl-d14	12.82	244	1207375	61.58	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	58112	2.941	ng	82
49) Dimethylphthalate	9.47	163	202832	6.781	ng	99

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

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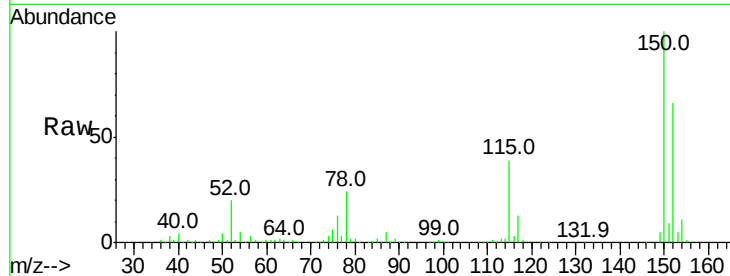


#1

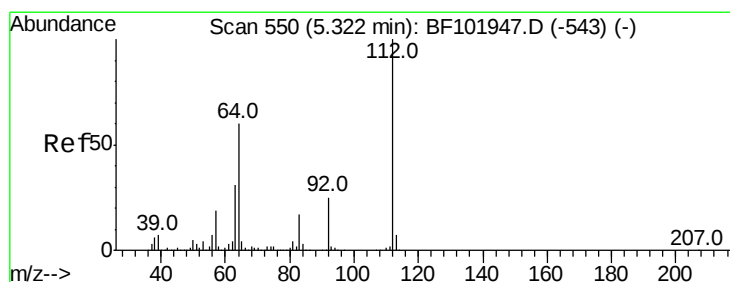
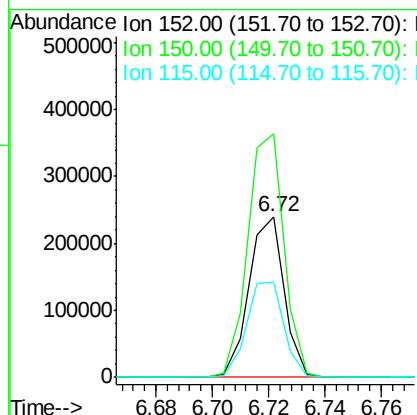
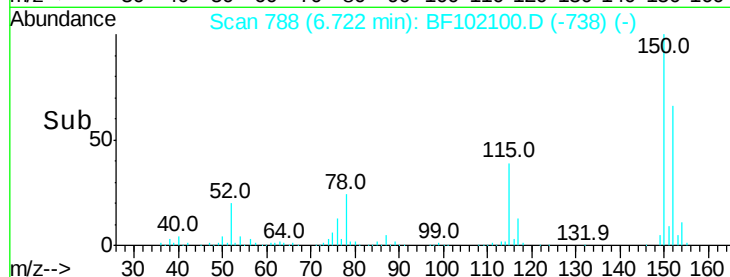
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Instrument :
BNA_F
ClientSampleId :
SB-40-3.5-4.0

Tot Ion:152 Resp: 206921
Ion Ratio Lower Upper
152 100
150 151.7 124.6 186.8
115 59.1 50.1 75.1



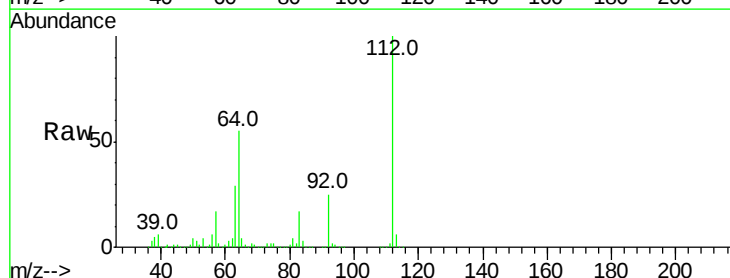
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



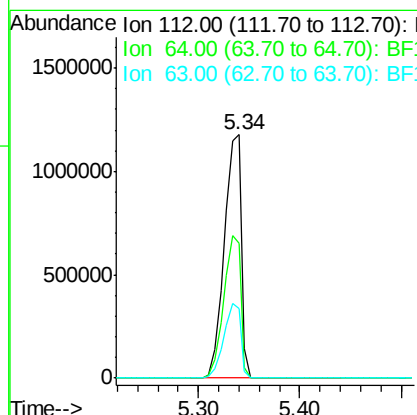
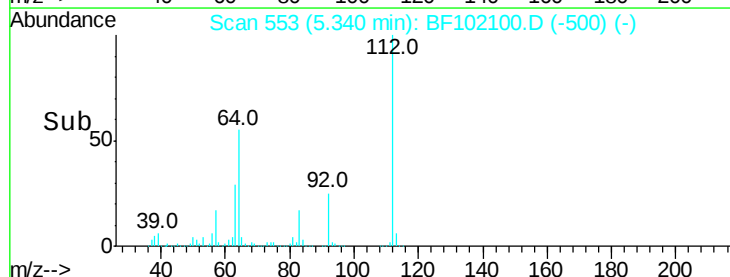
#5

2-Fluorophenol
Concen: 93.276 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Tgt Ion:112 Resp: 1366833
Ion Ratio Lower Upper
112 100
64 55.3 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: 100.776 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102100.D

Acq: 16 Jan 2018 11:06

Instrument :

BNA_F

ClientSampleId :

SB-40-3.5-4.0

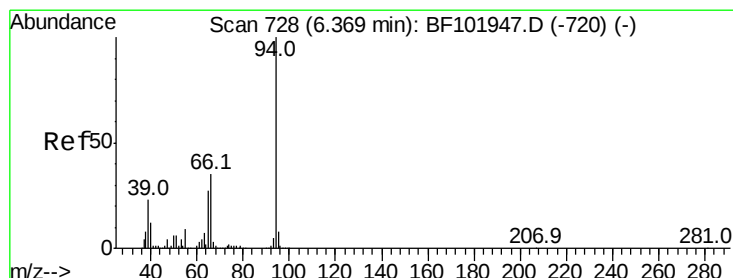
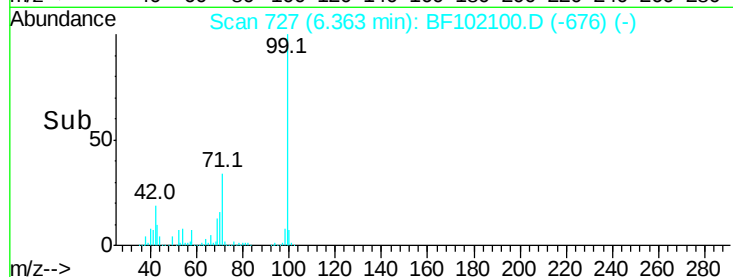
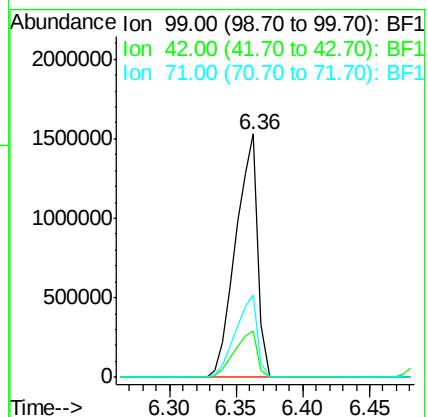
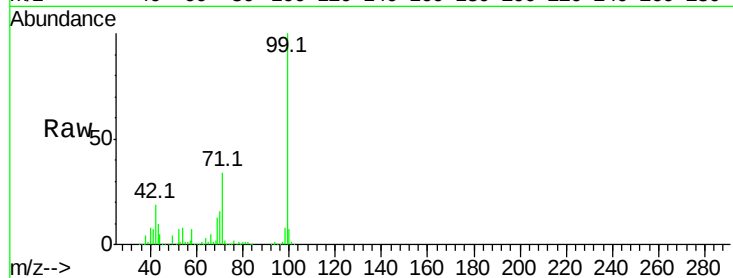
Tot Ion: 99 Resp: 1761888

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 34.0 25.4 38.0



#10

Phenol

Concen: 2.941 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102100.D

Acq: 16 Jan 2018 11:06

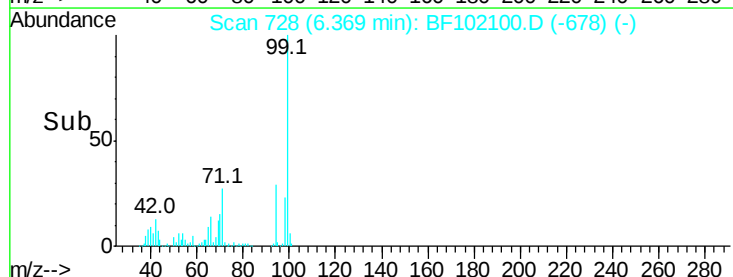
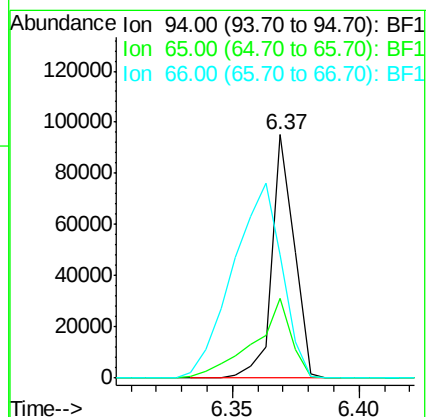
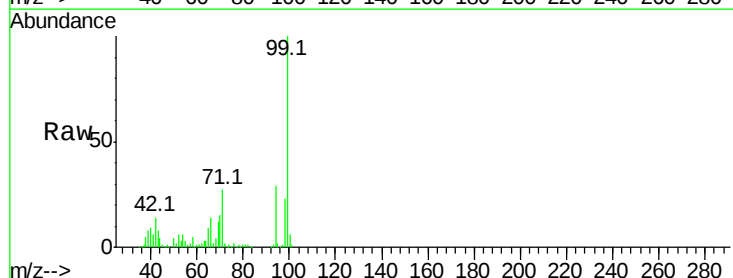
Tgt Ion: 94 Resp: 58112

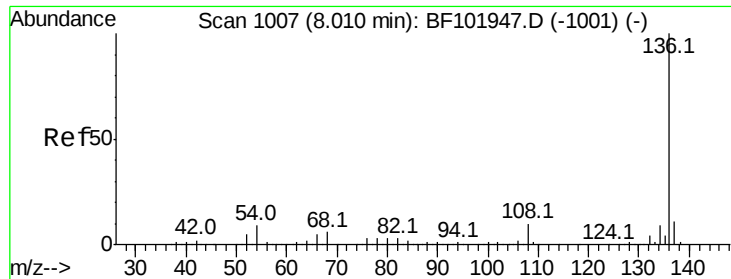
Ion Ratio Lower Upper

94 100

65 32.6 7.9 47.9

66 50.5 16.2 56.2

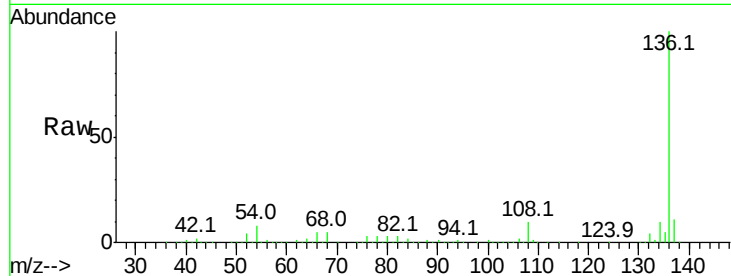




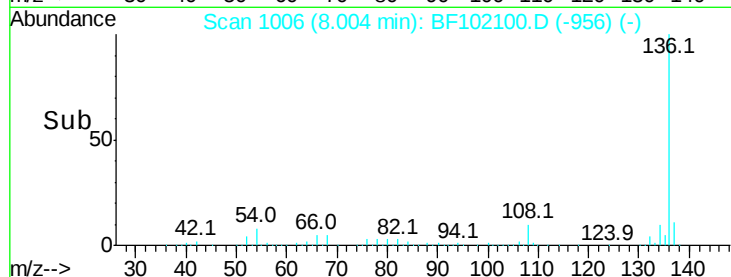
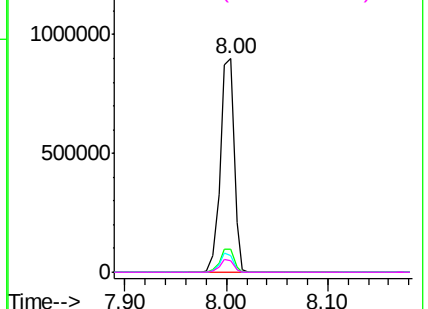
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Instrument :
BNA_F
ClientSampleId :
SB-40-3.5-4.0

Tot Ion:	136	Resp:	851651
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.6	6.6	9.8
68	5.4	5.0	7.4

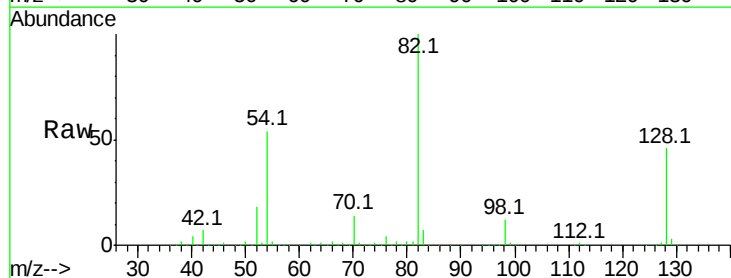


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

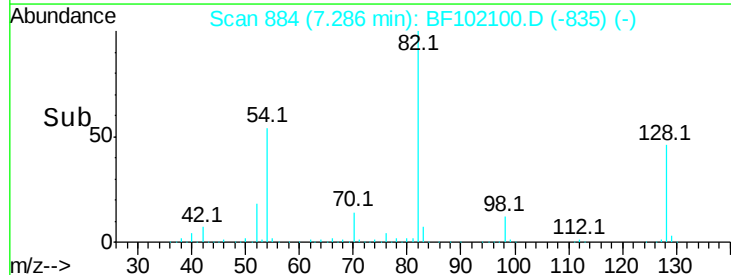
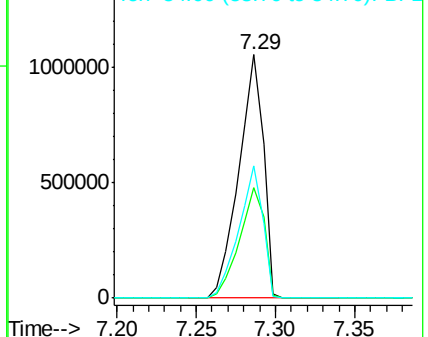


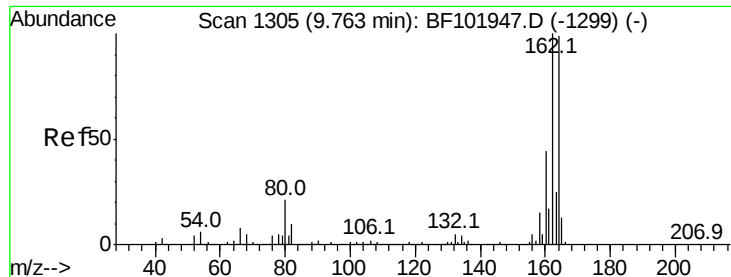
#23
Nitrobenzene-d5
Concen: 77.935 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Tgt Ion:	82	Resp:	1129484
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	54.2	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: BF102100.D

Acq: 16 Jan 2018 11:06

Instrument :

BNA_F

ClientSampleId :

SB-40-3.5-4.0

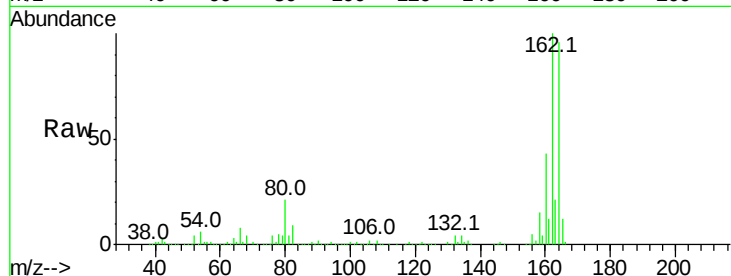
Tot Ion:164 Resp: 372878

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

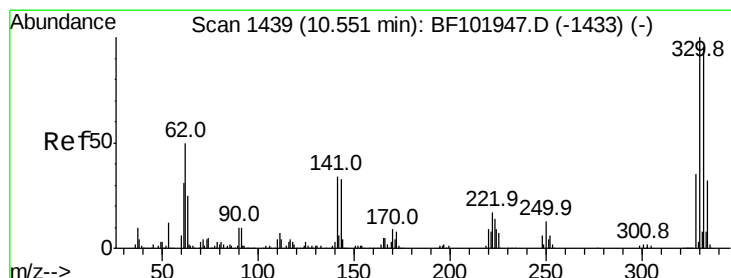
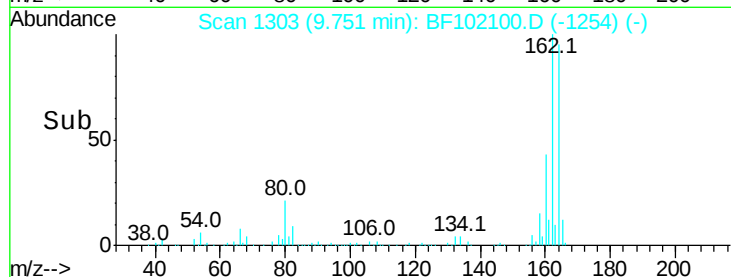
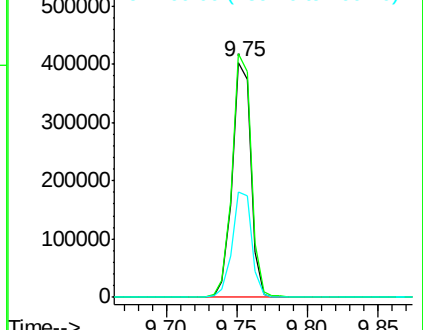
160 44.9 38.3 57.5



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: 104.230 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102100.D

Acq: 16 Jan 2018 11:06

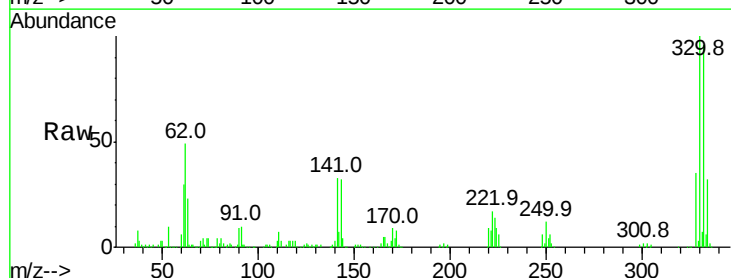
Tgt Ion:330 Resp: 339172

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

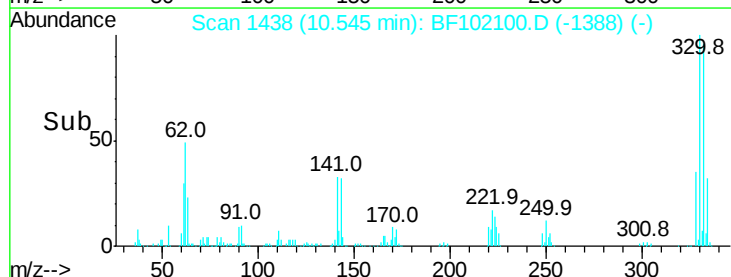
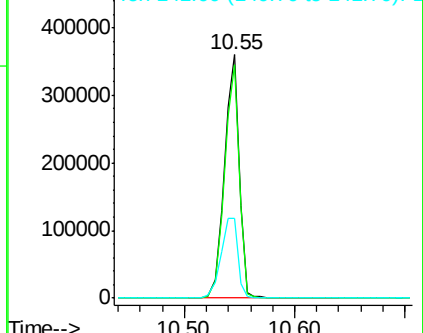
141 37.1 29.9 44.9



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

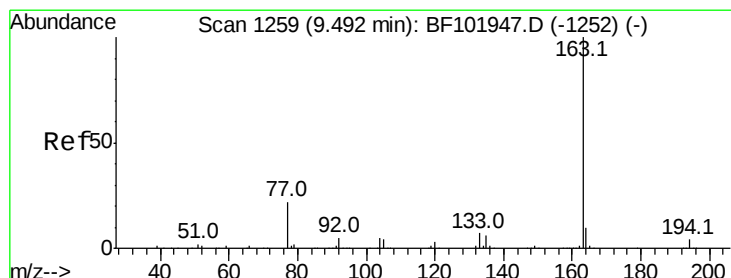
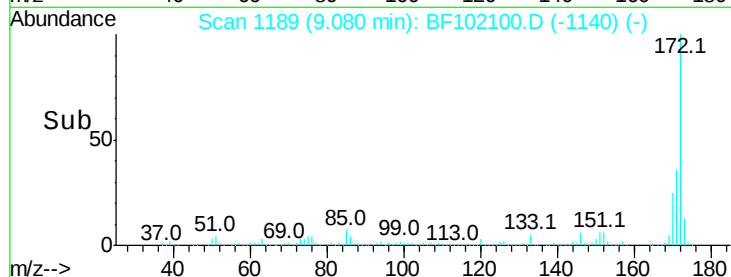
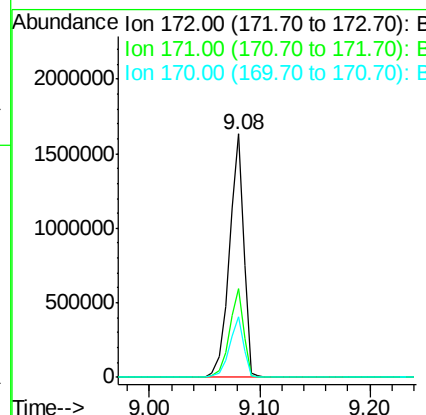
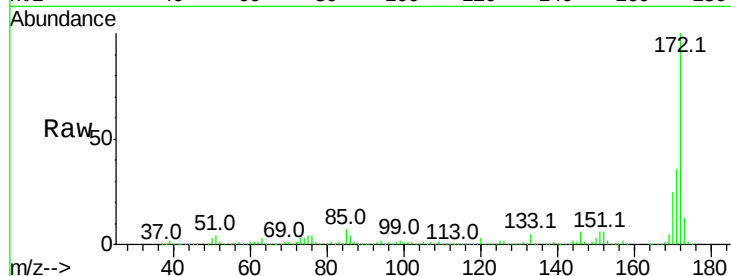




#44
2-Fluorobiphenyl
Concen: 62.690 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

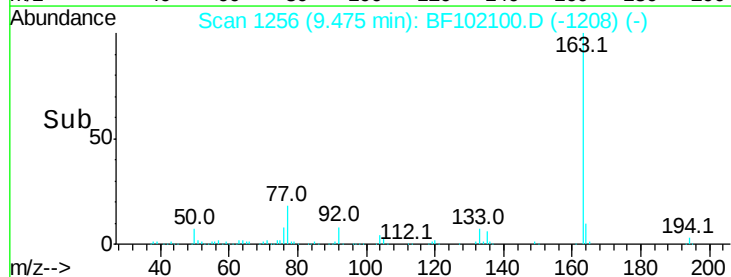
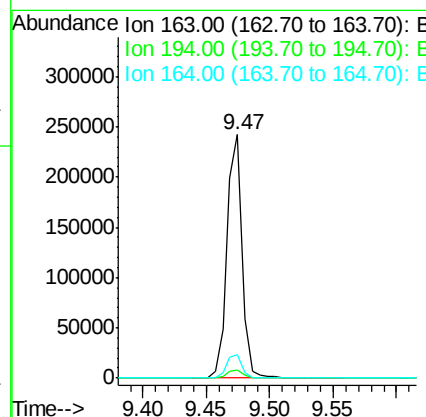
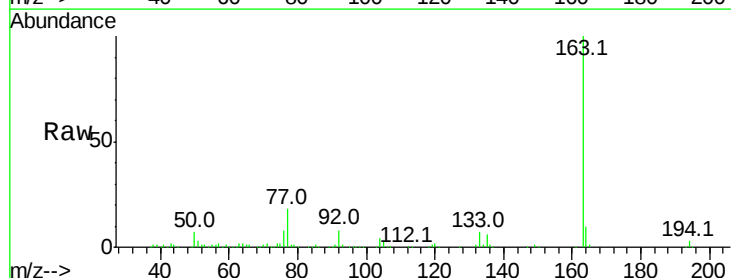
Instrument :
BNA_F
ClientSampleId :
SB-40-3.5-4.0

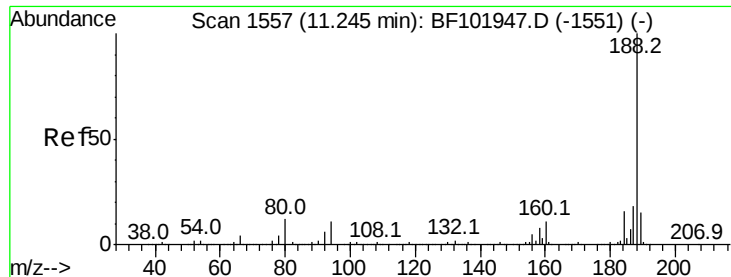
Tot Ion:172 Resp: 1496259
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.6 19.6 29.4



#49
Dimethylphthalate
Concen: 6.781 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Tgt Ion:163 Resp: 202832
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.8 8.2 12.2

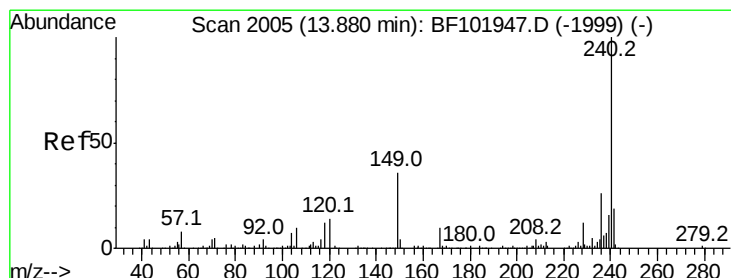
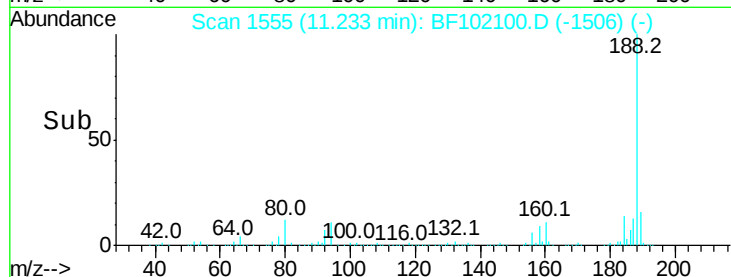
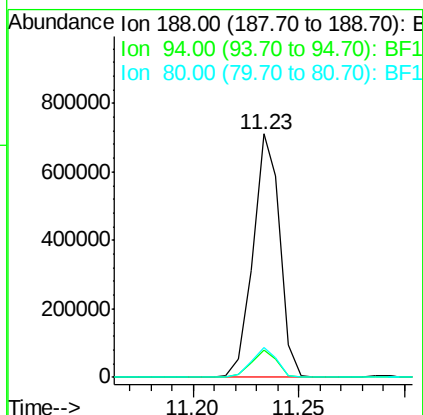
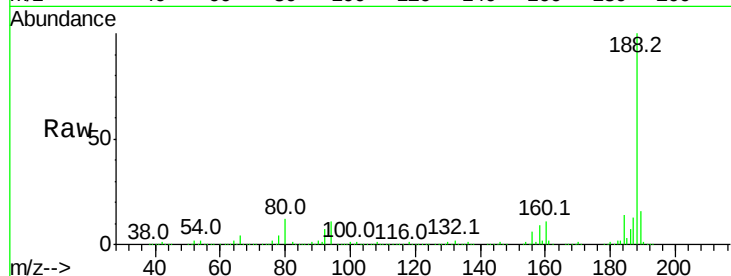




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

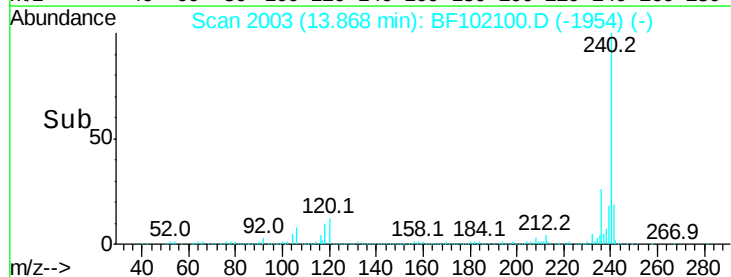
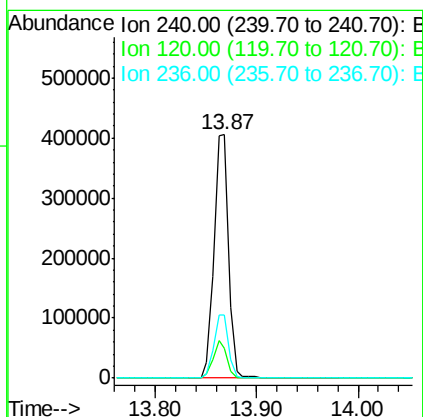
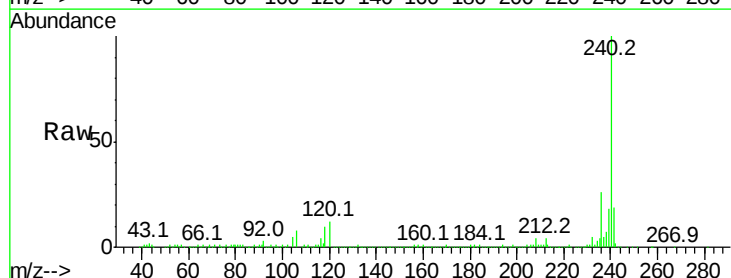
Instrument :
BNA_F
ClientSampleId :
SB-40-3.5-4.0

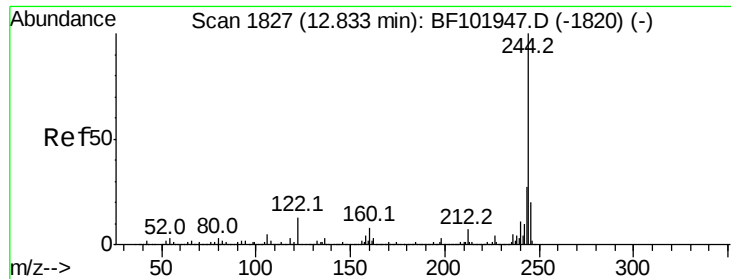
Tot Ion:188 Resp: 625587
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Tgt Ion:240 Resp: 407102
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 61.577 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102100.D

Acq: 16 Jan 2018 11:06

Instrument :

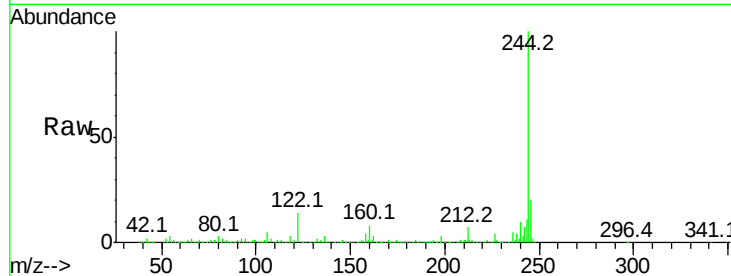
BNA_F

ClientSampleId :

SB-40-3.5-4.0

Tot Ion:244 Resp: 1207375

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.8	11.0	16.4

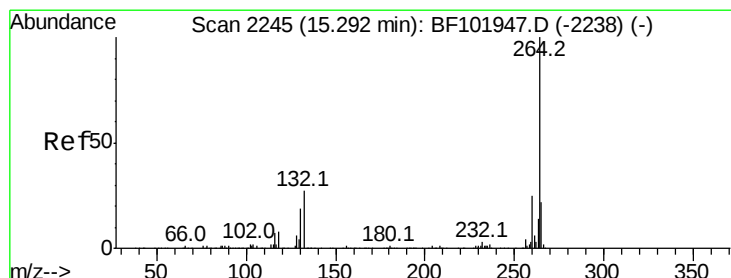
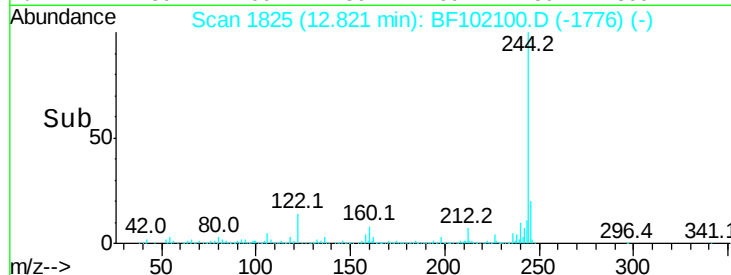


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 12.70 12.80 12.90



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2244

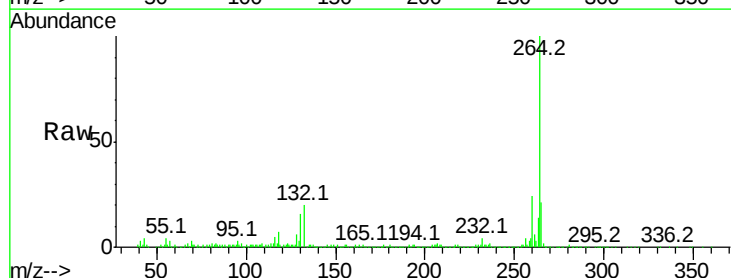
Delta R.T. -0.01 min

Lab File: BF102100.D

Acq: 16 Jan 2018 11:06

Tgt Ion:264 Resp: 344321

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.5	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

Time--> 15.20 15.30

