

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102109.D
 Acq On : 16 Jan 2018 15:09
 Operator : SJ/JU
 Sample : J1113-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-3.5-4.0

Quant Time: Jan 17 00:53:42 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

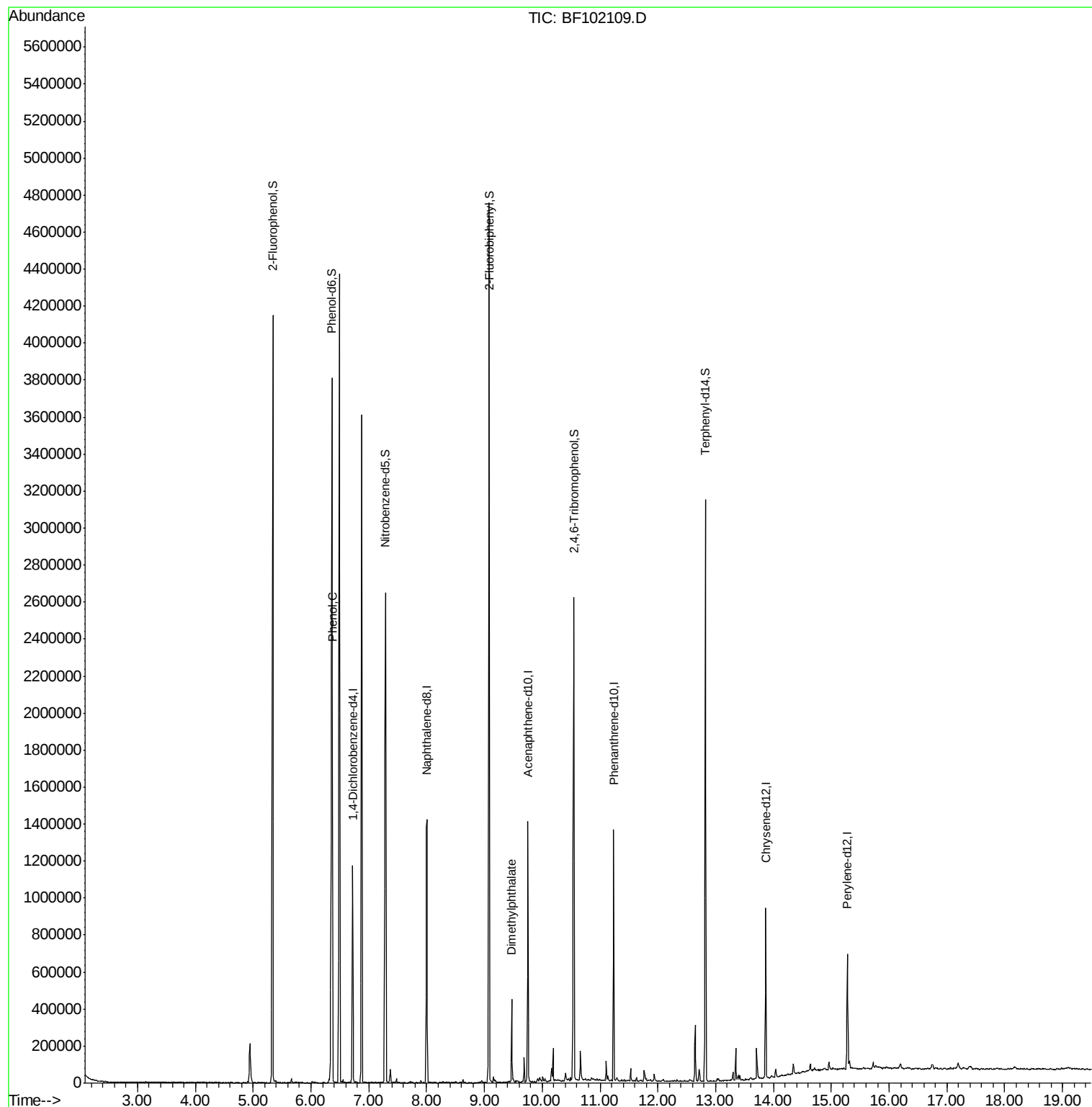
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	167197	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	666366	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	286265	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	441706	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	293367	20.00	ng	-0.02
86) Perylene-d12	15.28	264	260926	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1335122	112.76	ng	0.01
7) Phenol-d6	6.36	99	1607897	113.82	ng	0.00
23) Nitrobenzene-d5	7.29	82	1034937	91.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	319983	128.09	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1516835	82.78	ng	-0.01
78) Terphenyl-d14	12.82	244	1036937	73.39	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	50806	3.182	ng	94
49) Dimethylphthalate	9.47	163	175635	7.648	ng	99

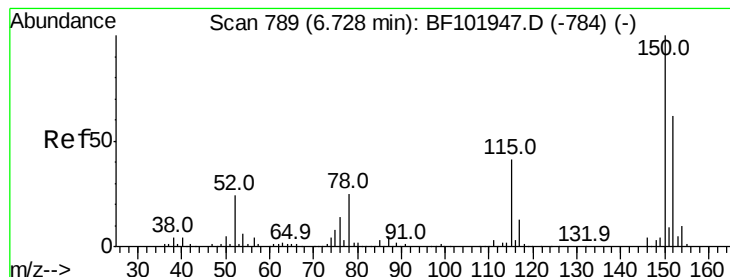
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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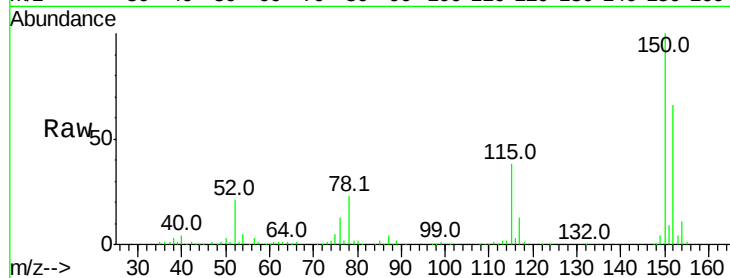


#1

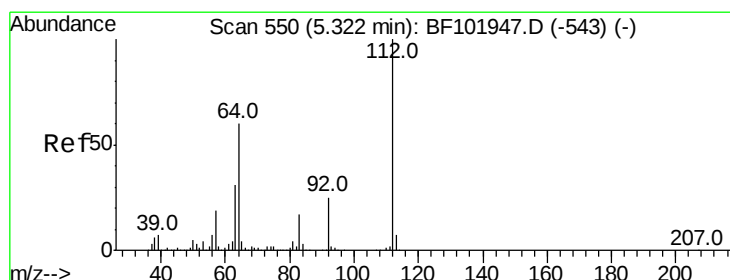
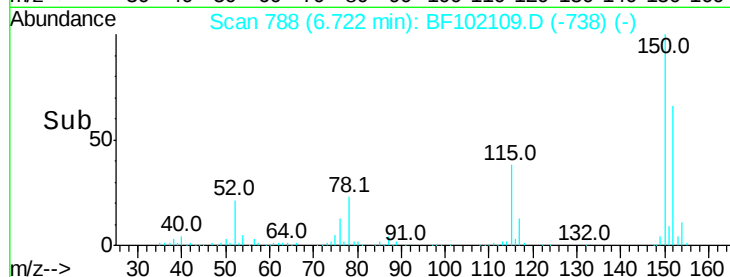
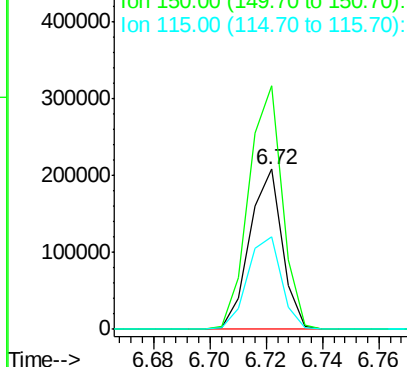
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102109.D
Acq: 16 Jan 2018 15:09

Instrument :
BNA_F
ClientSampleId :
SB-12-3.5-4.0

Tot Ion:152 Resp: 167197
Ion Ratio Lower Upper
152 100
150 152.3 124.6 186.8
115 57.8 50.1 75.1



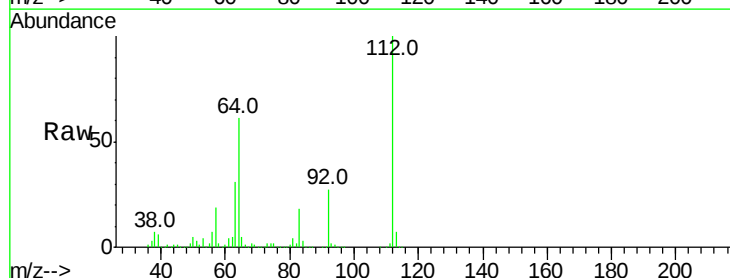
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



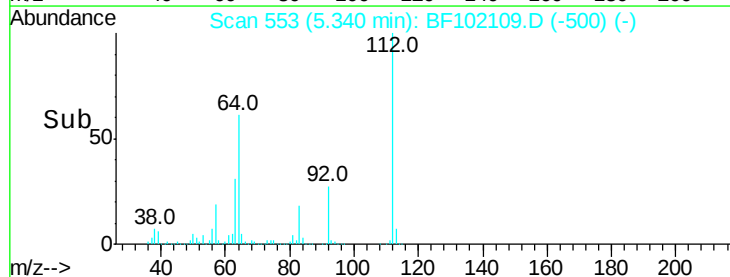
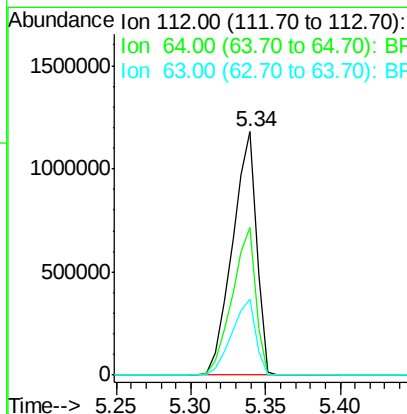
#5

2-Fluorophenol
Concen: 112.759 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102109.D
Acq: 16 Jan 2018 15:09

Tgt Ion:112 Resp: 1335122
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 31.3 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: 113.818 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102109.D

Acq: 16 Jan 2018 15:09

Instrument :

BNA_F

ClientSampleId :

SB-12-3.5-4.0

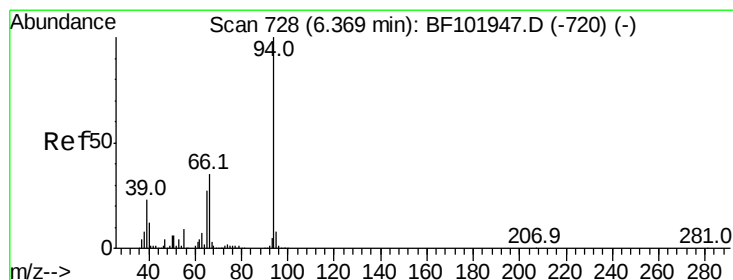
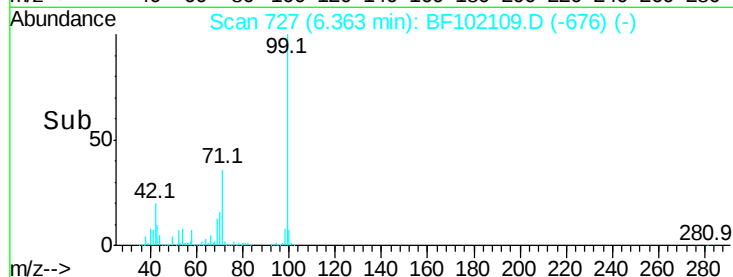
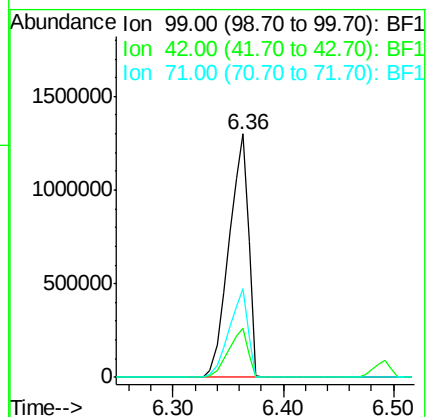
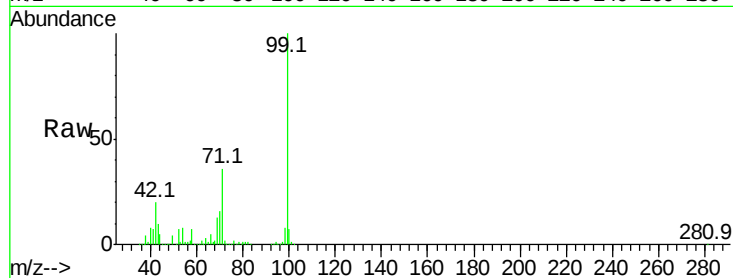
Tot Ion: 99 Resp: 1607897

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

71 36.2 25.4 38.0



#10

Phenol

Concen: 3.182 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102109.D

Acq: 16 Jan 2018 15:09

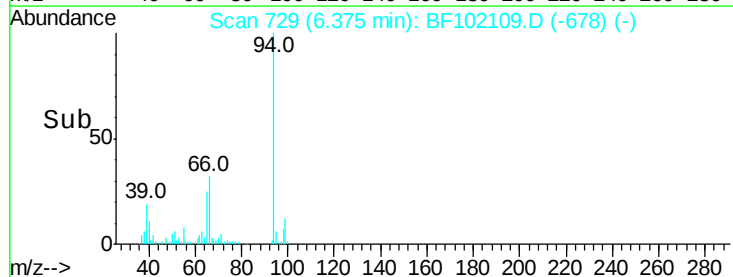
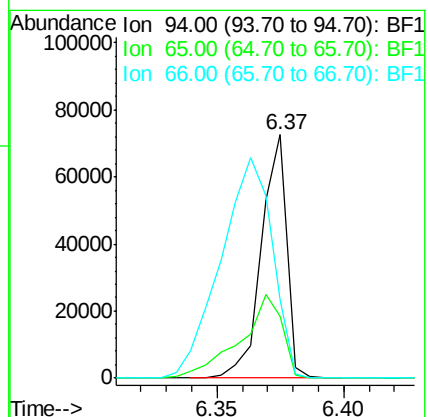
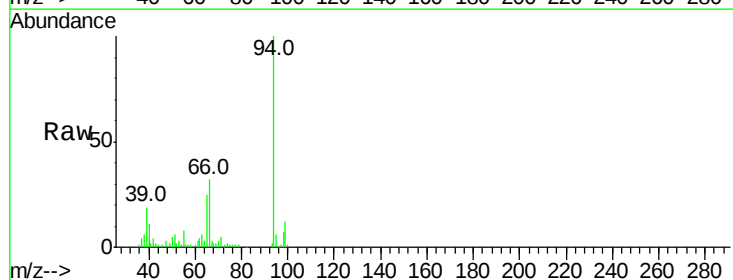
Tgt Ion: 94 Resp: 50806

Ion Ratio Lower Upper

94 100

65 25.2 7.9 47.9

66 32.3 16.2 56.2

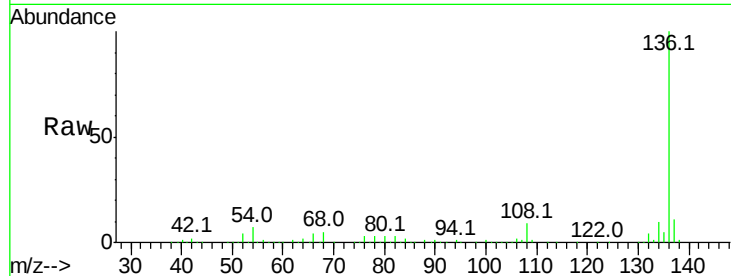




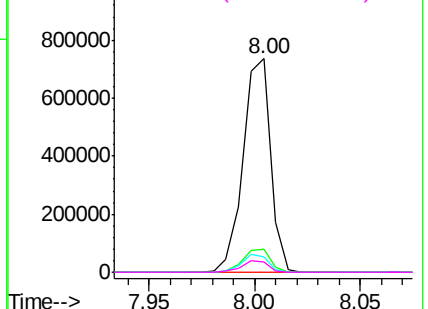
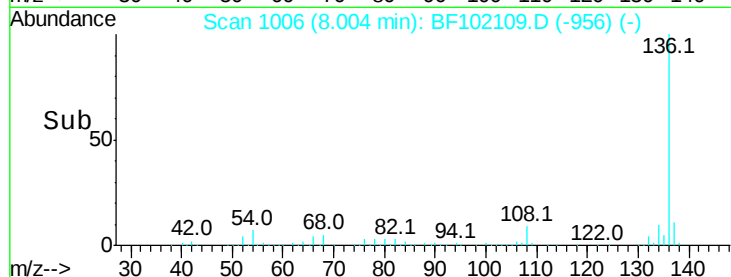
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102109.D
Acq: 16 Jan 2018 15:09

Instrument :
BNA_F
ClientSampleId :
SB-12-3.5-4.0

Tot Ion:	136	Resp:	666366
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.2	6.6	9.8
68	4.6	5.0	7.4#

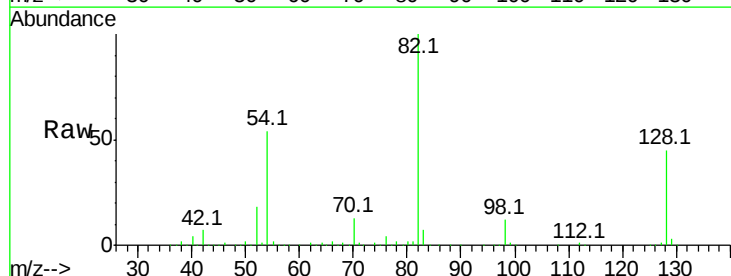


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

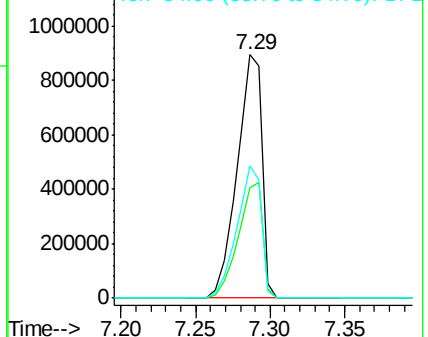
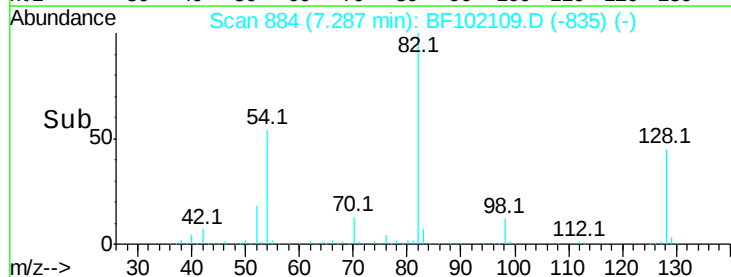


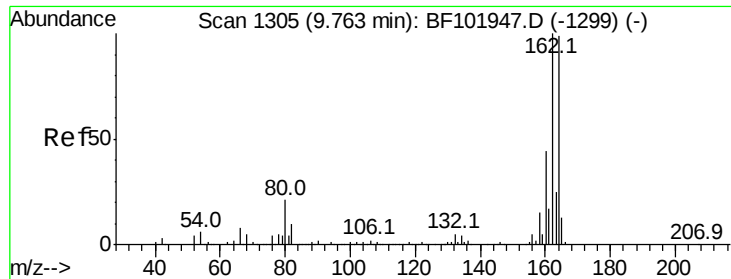
#23
Nitrobenzene-d5
Concen: 91.267 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102109.D
Acq: 16 Jan 2018 15:09

Tgt Ion:	82	Resp:	1034937
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	54.3	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

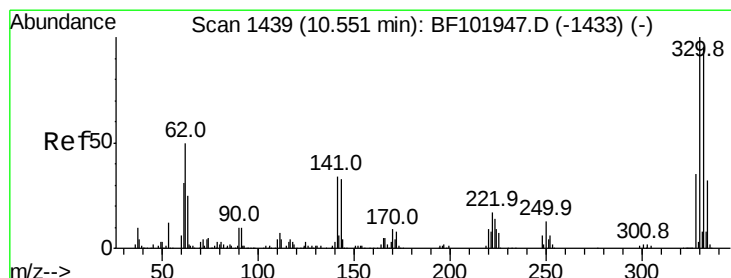
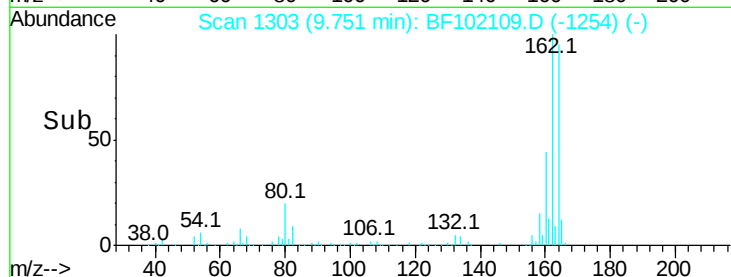
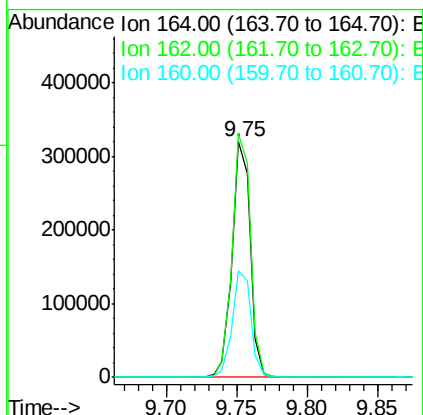
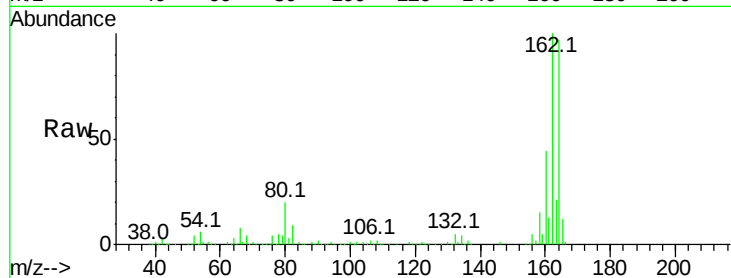




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102109.D
 Acq: 16 Jan 2018 15:09

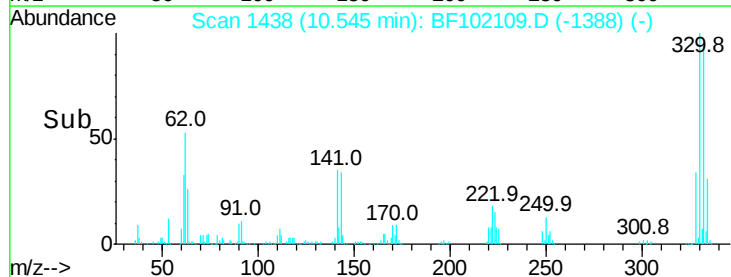
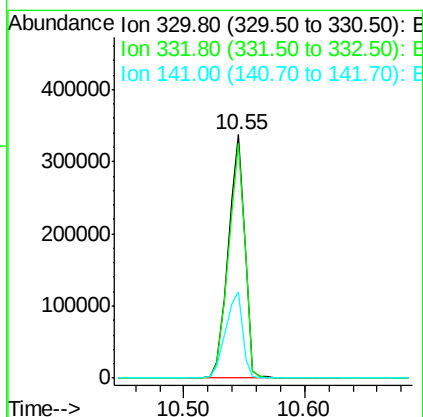
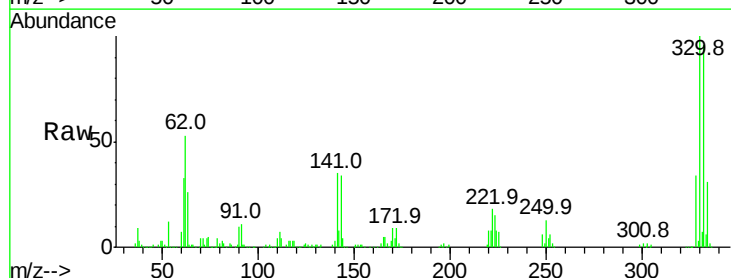
Instrument :
 BNA_F
 ClientSampleId :
 SB-12-3.5-4.0

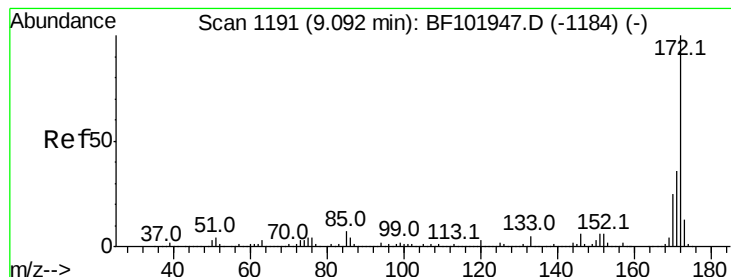
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	45.3	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 128.086 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102109.D
 Acq: 16 Jan 2018 15:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	36.5	29.9	44.9





#44

2-Fluorobiphenyl

Concen: 82.780 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF102109.D

Acq: 16 Jan 2018 15:09

Instrument :

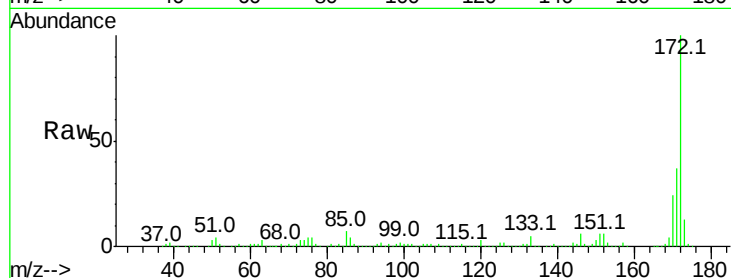
BNA_F

ClientSampleId :

SB-12-3.5-4.0

Tot Ion:172 Resp: 1516835

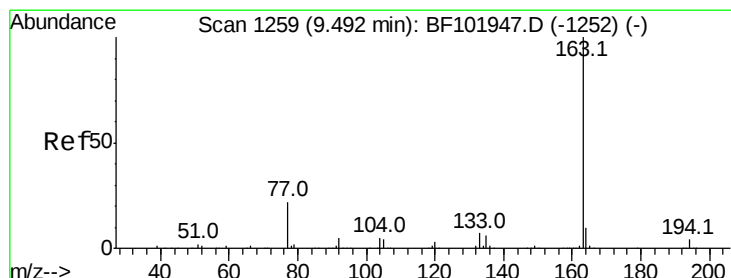
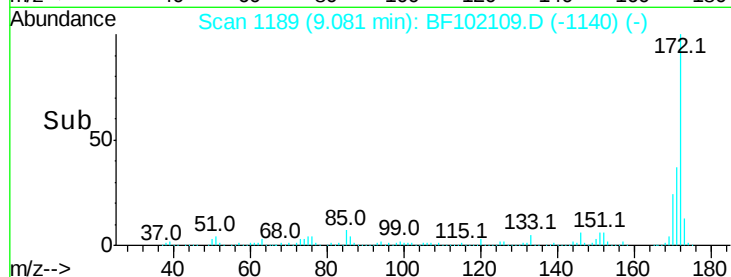
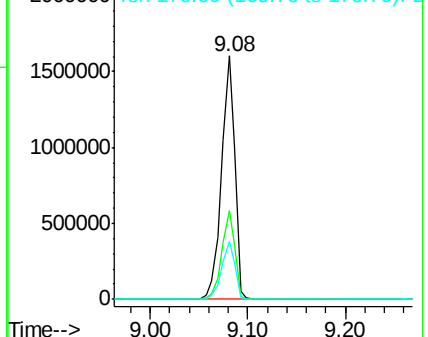
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4



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: 7.648 ng

RT: 9.47 min Scan# 1256

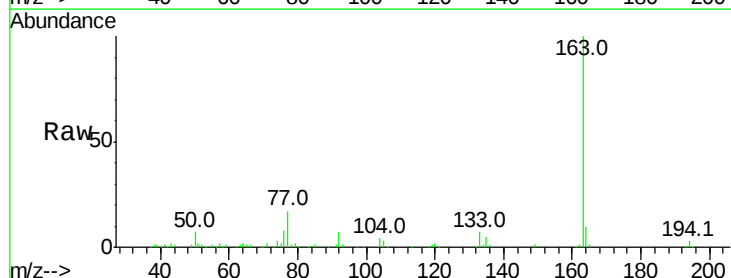
Delta R.T. -0.02 min

Lab File: BF102109.D

Acq: 16 Jan 2018 15:09

Tgt Ion:163 Resp: 175635

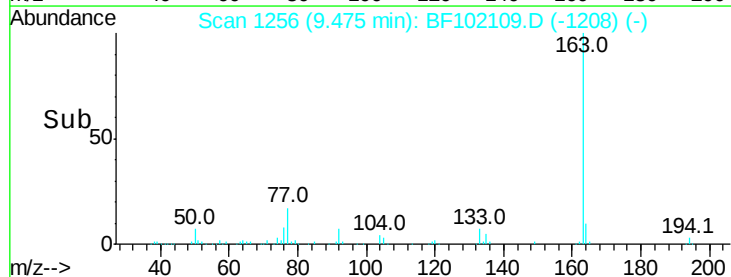
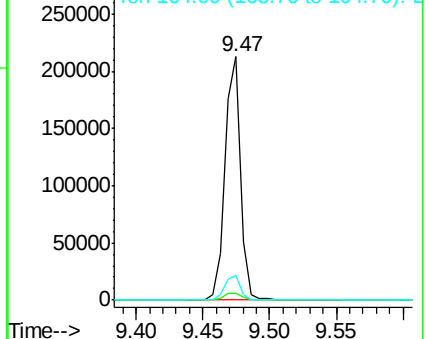
Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	10.0	8.2	12.2



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

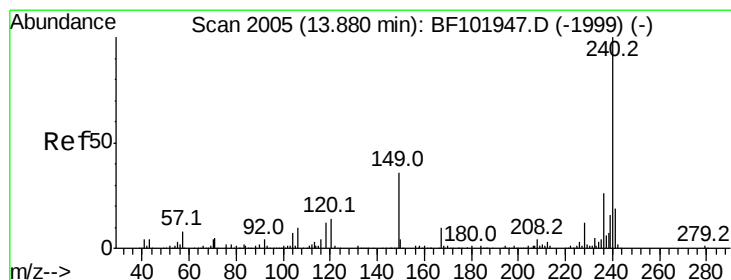
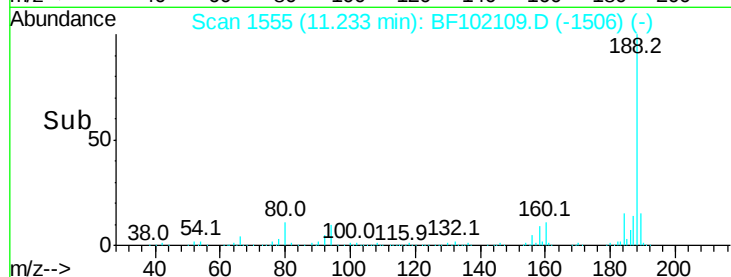
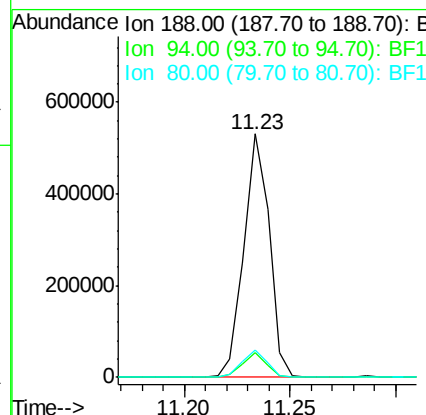
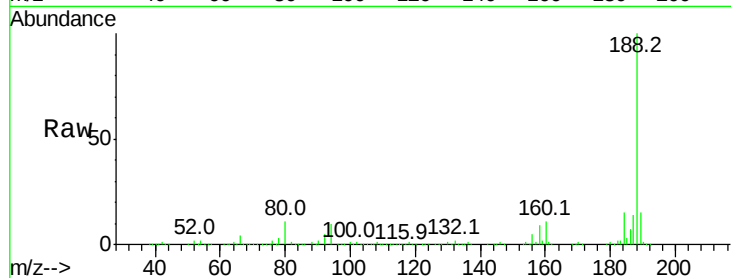




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102109.D
Acq: 16 Jan 2018 15:09

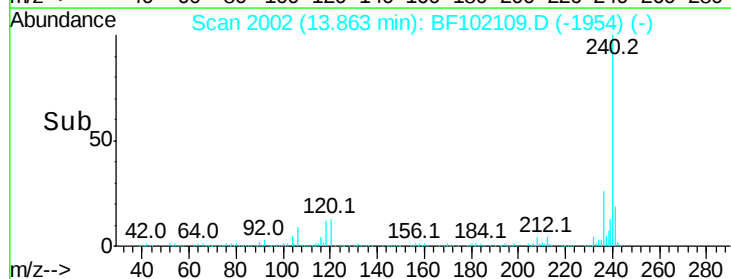
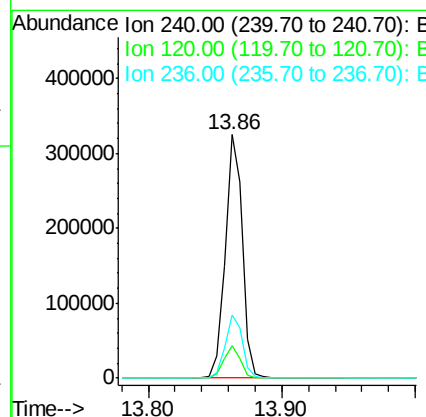
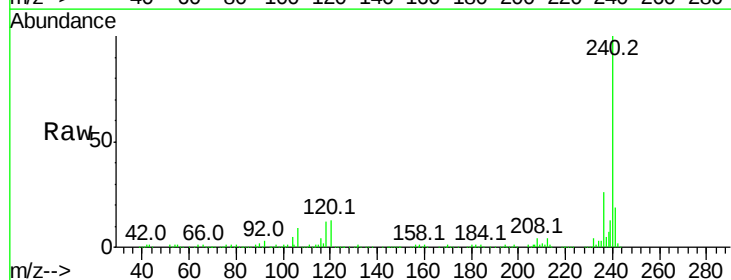
Instrument :
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ClientSampleId :
SB-12-3.5-4.0

Tot Ion:188 Resp: 441706
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102109.D
Acq: 16 Jan 2018 15:09

Tgt Ion:240 Resp: 293367
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 25.8 20.7 31.1



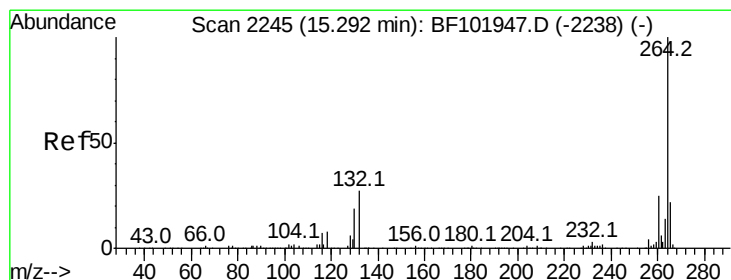
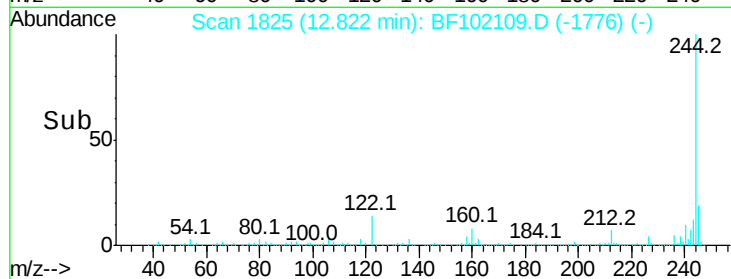
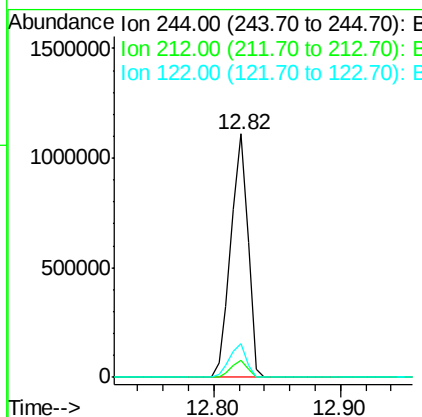
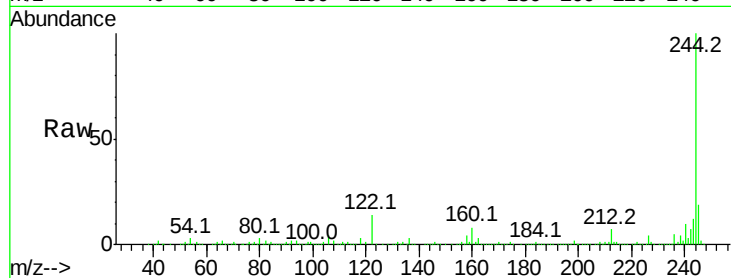


#78
 Terphenyl-d14
 Concen: 73.388 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102109.D
 Acq: 16 Jan 2018 15:09

Instrument :
 BNA_F
 ClientSampled :
 SB-12-3.5-4.0

Tot Ion:244 Resp: 1036937

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.6	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102109.D
 Acq: 16 Jan 2018 15:09

Tgt Ion:264 Resp: 260926

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	17.5	26.3

