

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102132.D
 Acq On : 17 Jan 2018 1:30
 Operator : SJ/JU
 Sample : J1122-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-8B

Quant Time: Jan 17 04:03:52 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

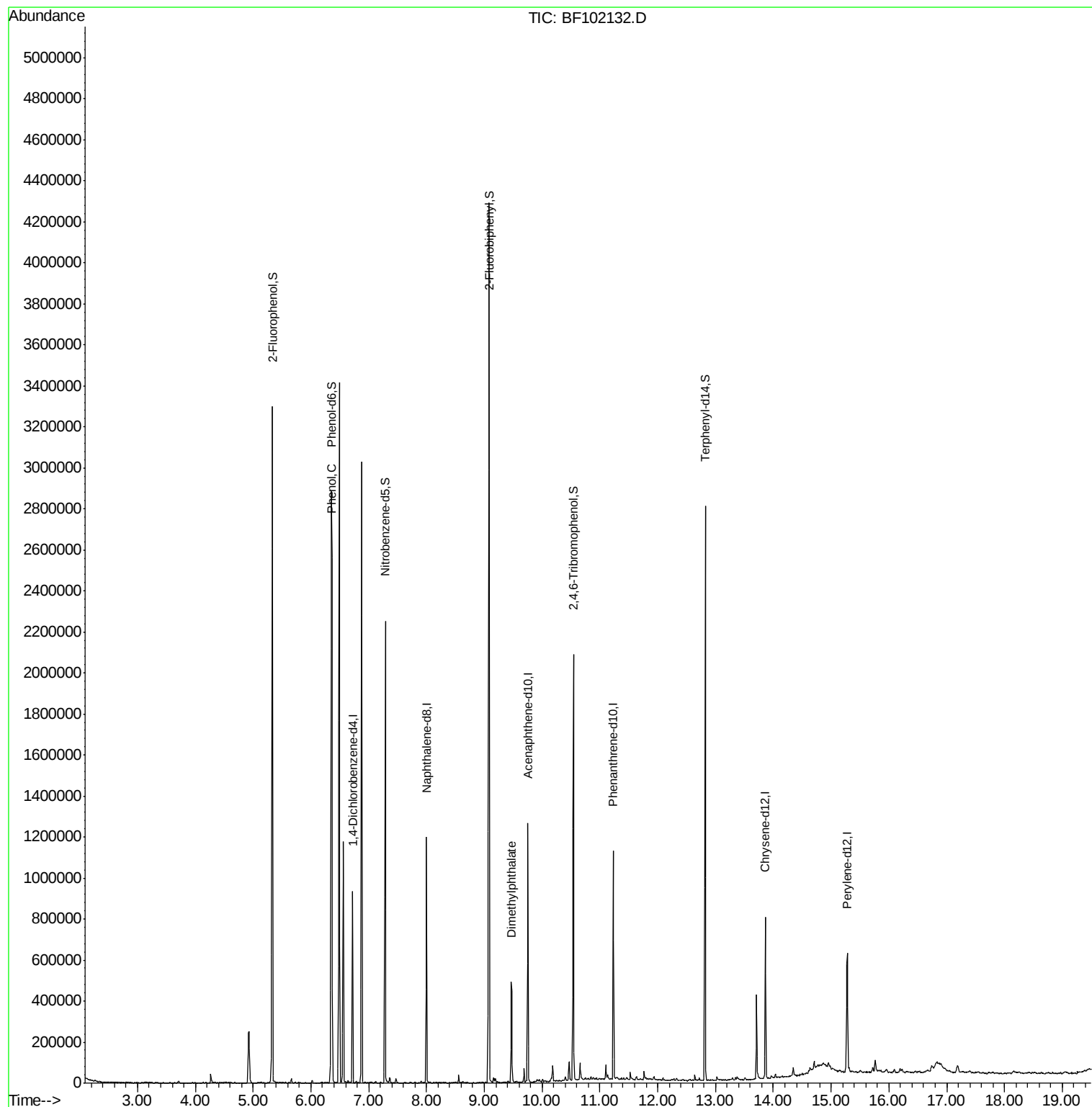
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	134742	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	542574	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	229014	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	349492	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	240972	20.00	ng	-0.02
86) Perylene-d12	15.28	264	252603	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	952216	99.79	ng	0.00
7) Phenol-d6	6.36	99	1161391	102.01	ng	0.00
23) Nitrobenzene-d5	7.29	82	717761	77.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	223439	111.80	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1312764	89.55	ng	-0.01
78) Terphenyl-d14	12.82	244	891112	76.78	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	51548	4.007	ng	97
49) Dimethylphthalate	9.47	163	193642	10.540	ng	99

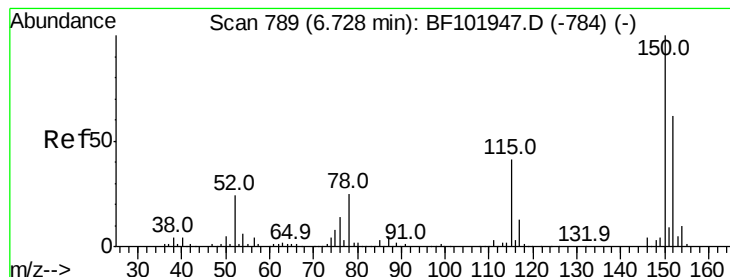
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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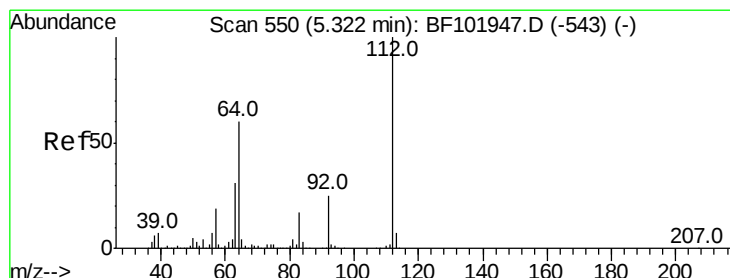
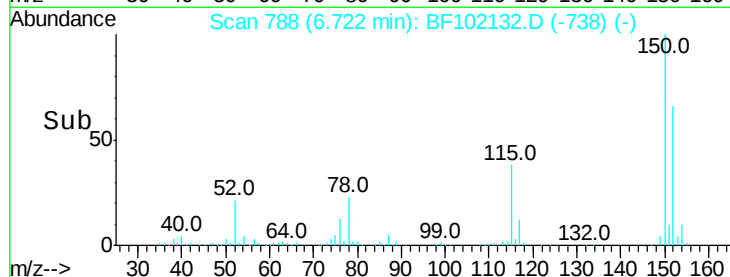
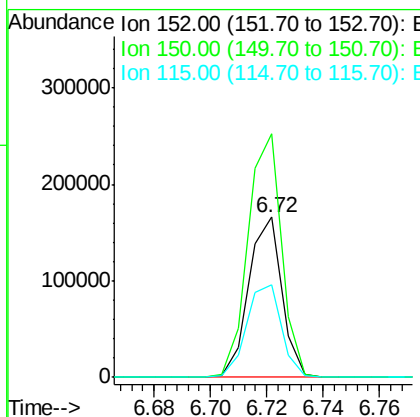
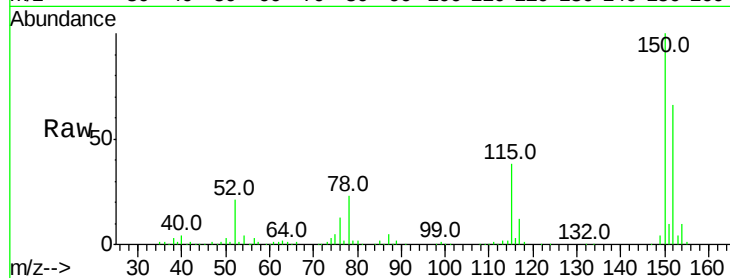


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF102132.D
 Acq: 17 Jan 2018 1:30

Instrument :
 BNA_F
 ClientSampleId :
 C-8B

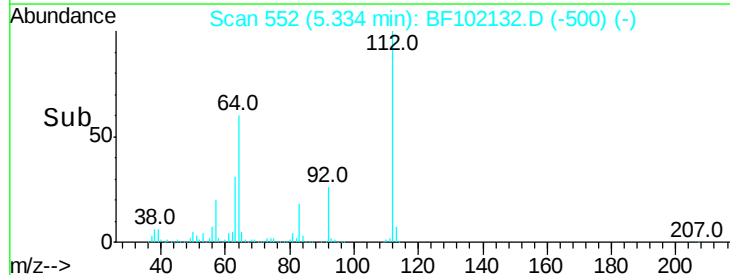
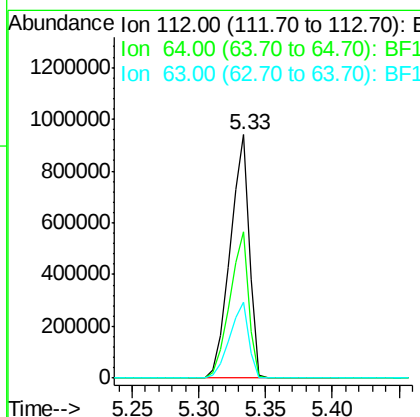
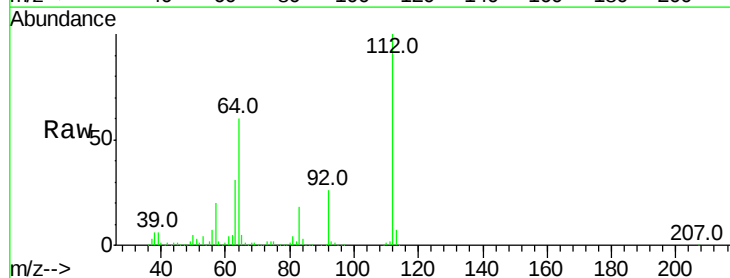
Tot Ion:152 Resp: 134742
 Ion Ratio Lower Upper
 152 100
 150 152.4 124.6 186.8
 115 57.6 50.1 75.1



#5

2-Fluorophenol
 Concen: 99.791 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102132.D
 Acq: 17 Jan 2018 1:30

Tgt Ion:112 Resp: 952216
 Ion Ratio Lower Upper
 112 100
 64 60.1 47.9 71.9
 63 31.3 23.7 35.5





#7

Phenol-d6

Concen: 102.013 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102132.D

Acq: 17 Jan 2018 1:30

Instrument :

BNA_F

ClientSampleId :

C-8B

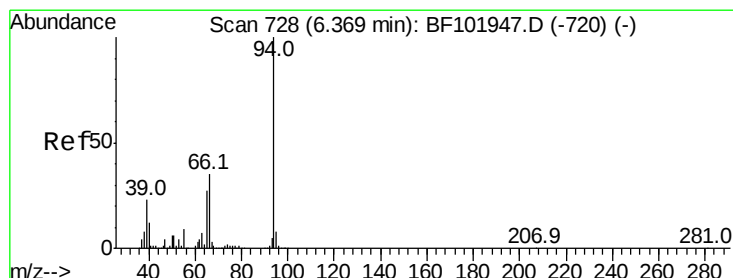
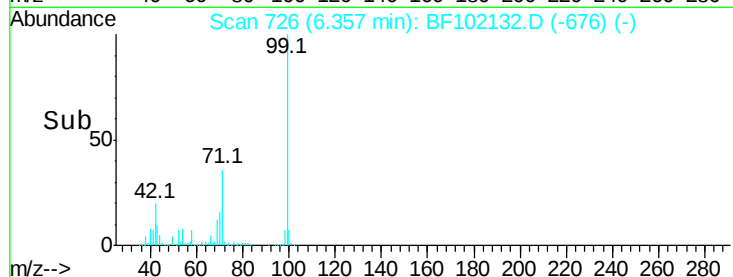
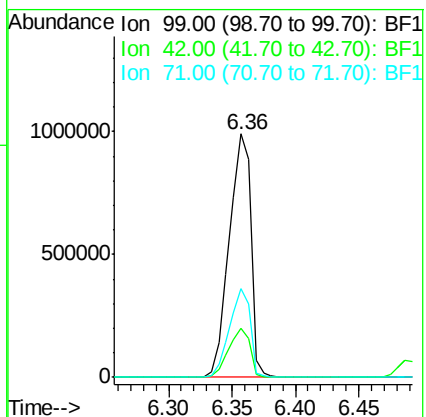
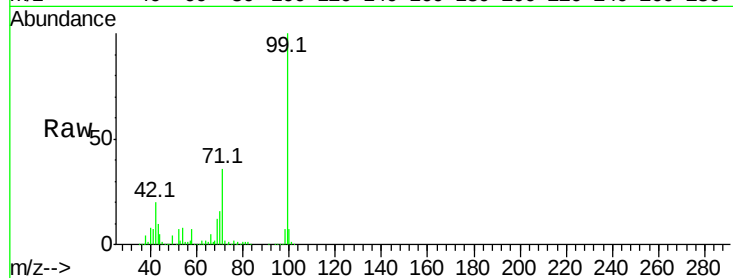
Tot Ion: 99 Resp: 1161391

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 36.5 25.4 38.0



#10

Phenol

Concen: 4.007 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102132.D

Acq: 17 Jan 2018 1:30

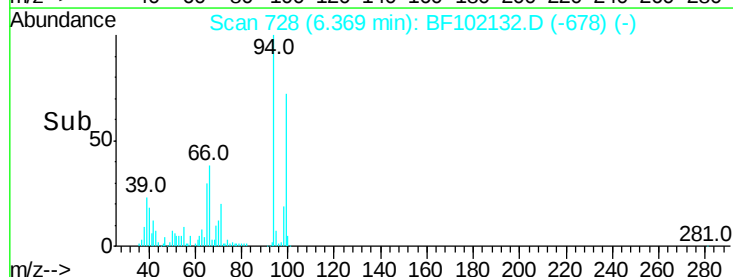
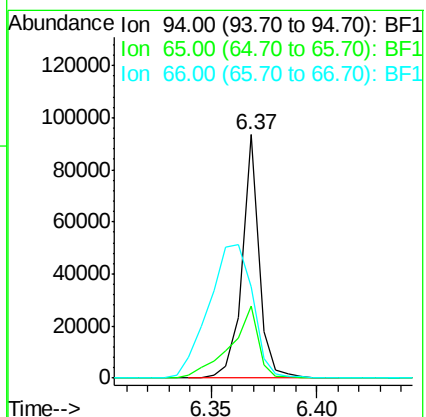
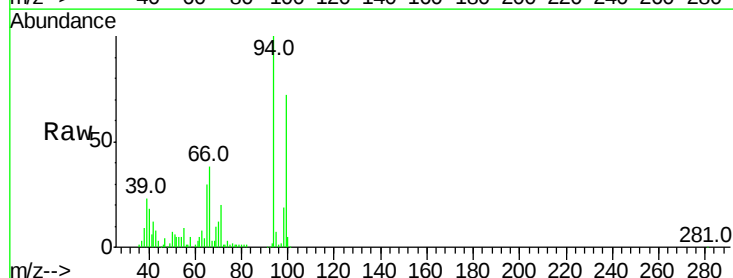
Tgt Ion: 94 Resp: 51548

Ion Ratio Lower Upper

94 100

65 29.6 7.9 47.9

66 37.5 16.2 56.2

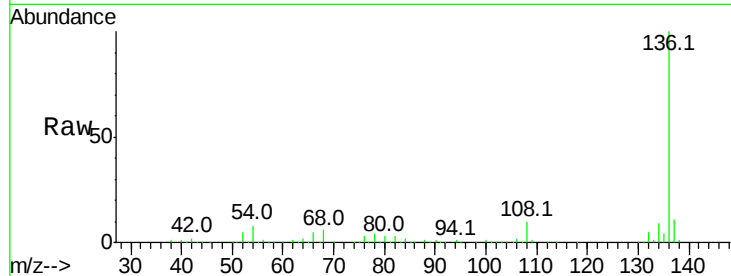




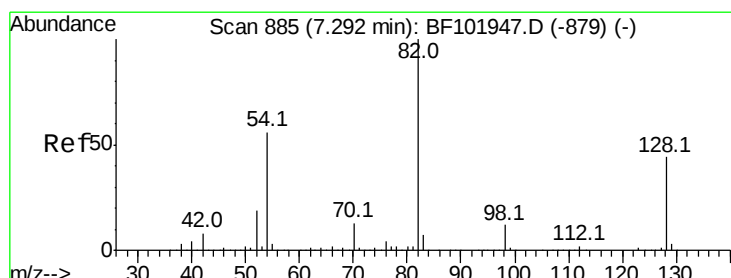
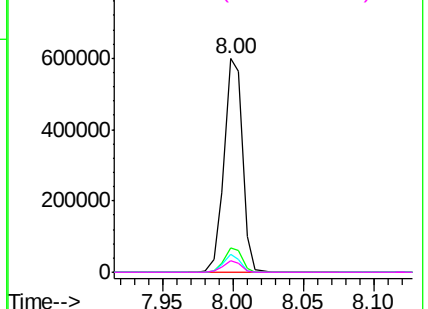
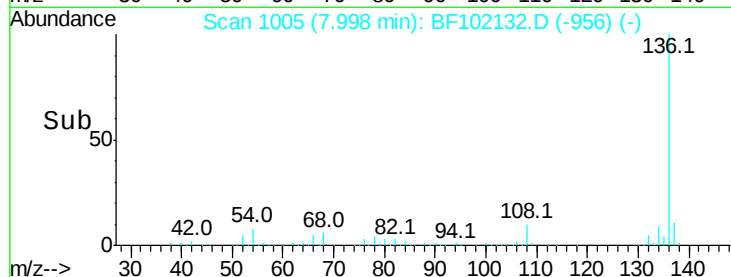
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

Instrument :
BNA_F
ClientSampleId :
C-8B

Tot Ion:	136	Resp:	542574
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.3	6.6	9.8
68	5.5	5.0	7.4

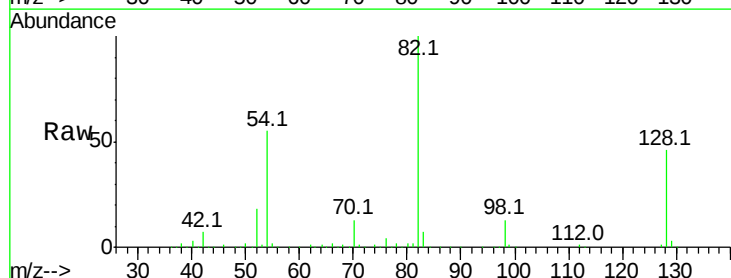


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

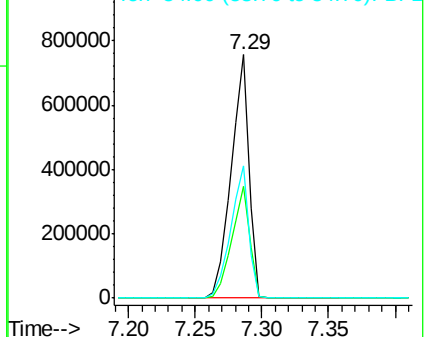
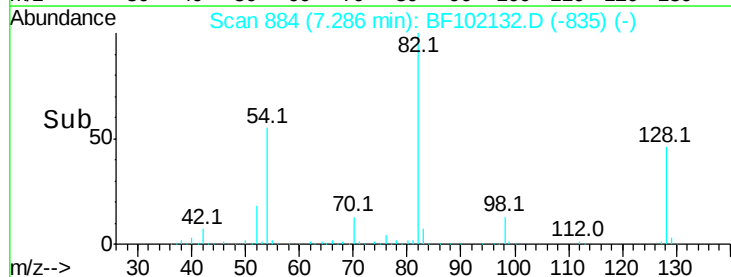


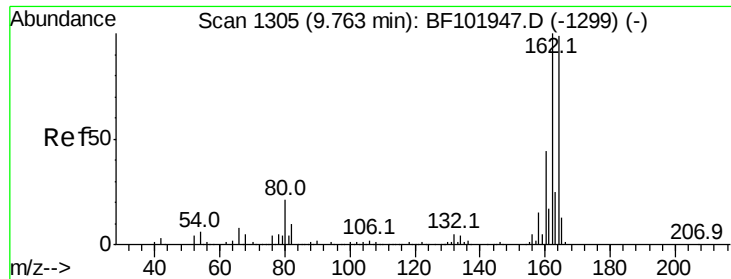
#23
Nitrobenzene-d5
Concen: 77.738 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

Tgt Ion:	82	Resp:	717761
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	54.6	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

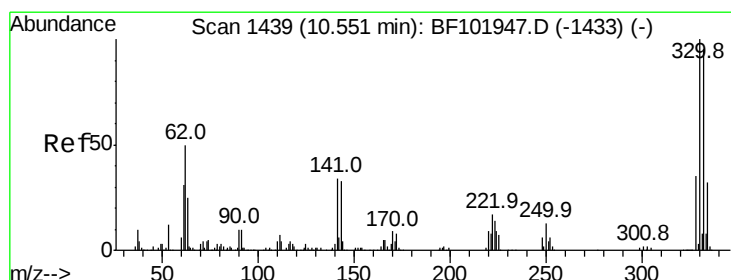
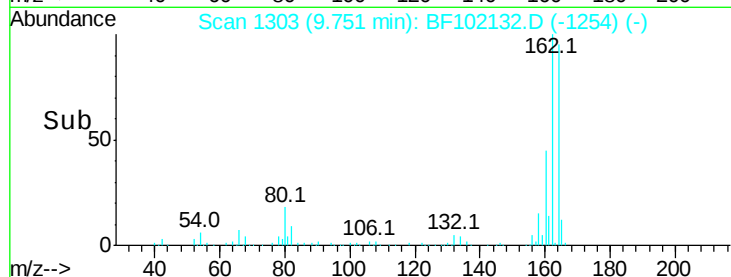
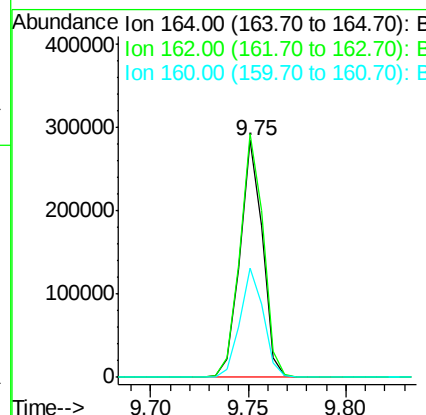
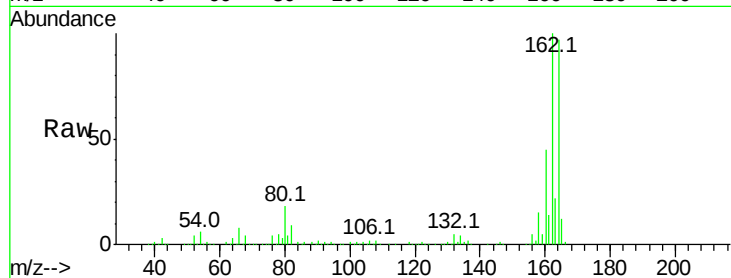




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102132.D
 Acq: 17 Jan 2018 1:30

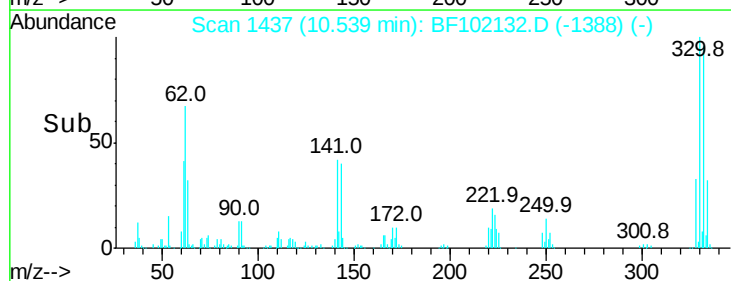
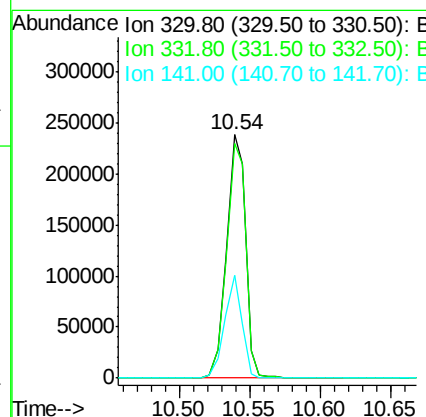
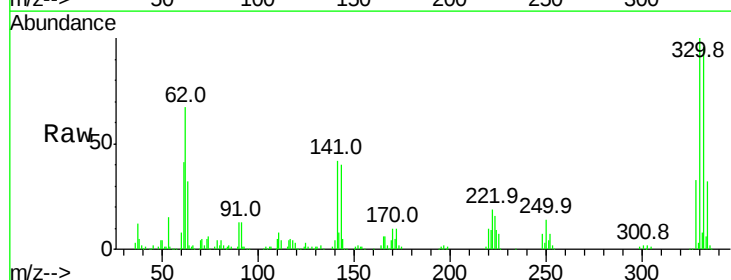
Instrument :
 BNA_F
 ClientSampleId :
 C-8B

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.3	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 111.799 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102132.D
 Acq: 17 Jan 2018 1:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	38.8	29.9	44.9



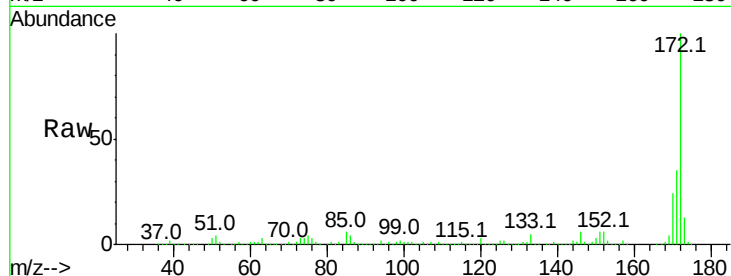


#44
 2-Fluorobiphenyl
 Concen: 89.553 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102132.D
 Acq: 17 Jan 2018 1:30

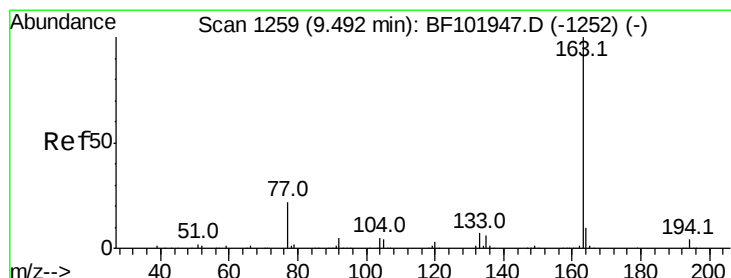
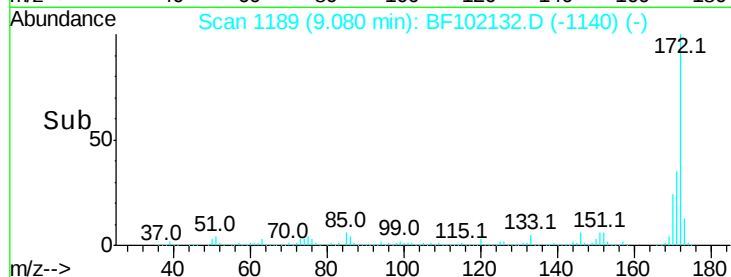
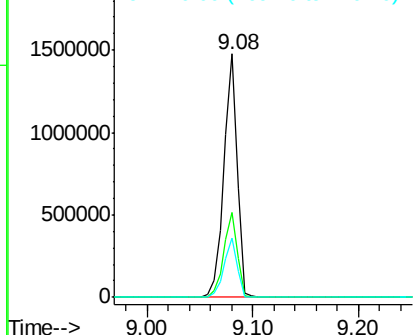
Instrument :
 BNA_F
 ClientSampleId :
 C-8B

Tot Ion:172 Resp: 1312764

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	24.1	19.6	29.4



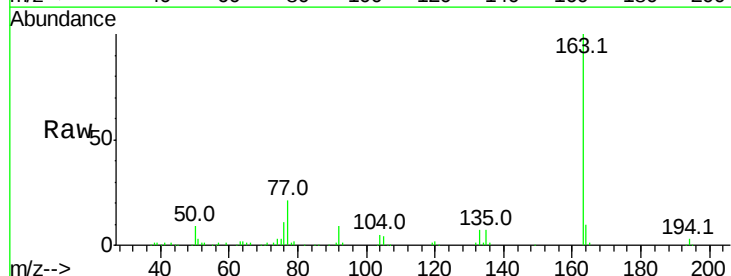
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



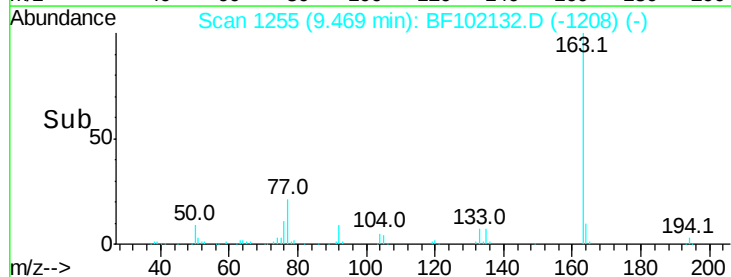
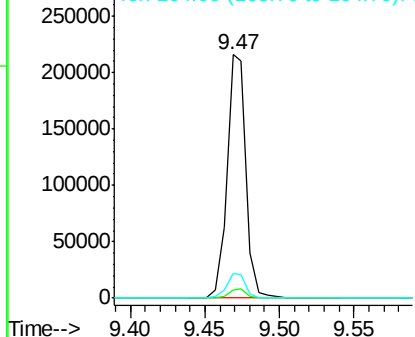
#49
 Dimethylphthalate
 Concen: 10.540 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BF102132.D
 Acq: 17 Jan 2018 1:30

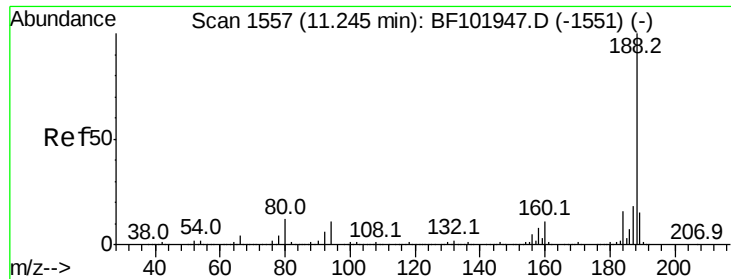
Tgt Ion:163 Resp: 193642

Ion	Ratio	Lower	Upper
163	100		
194	3.2	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

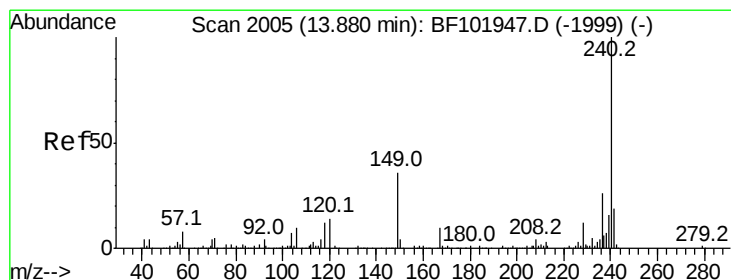
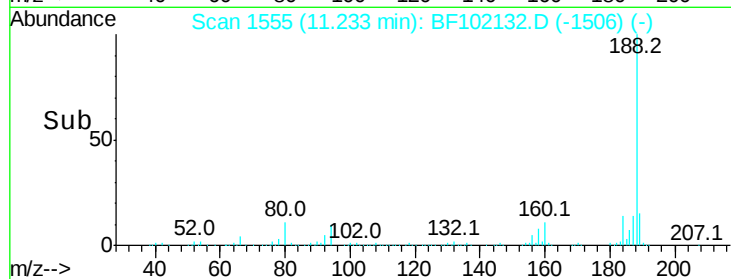
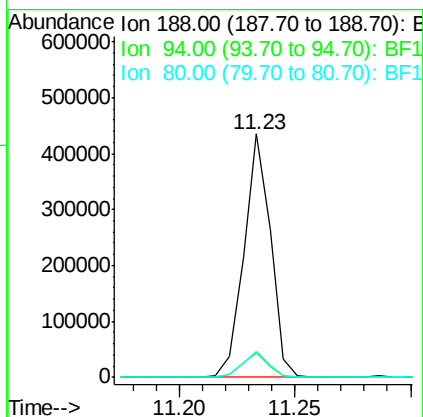
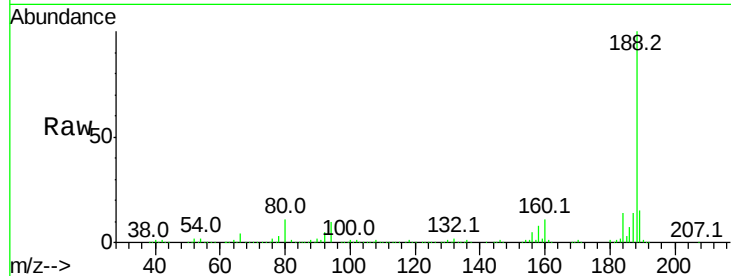




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

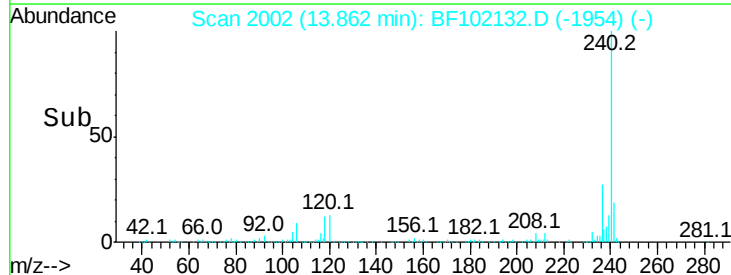
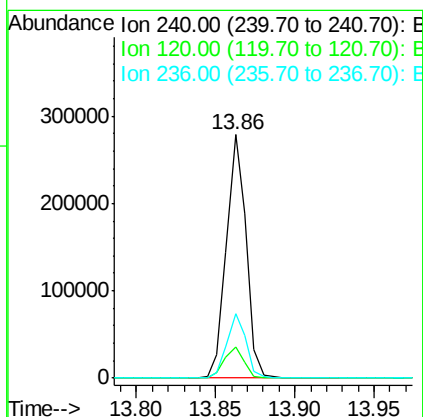
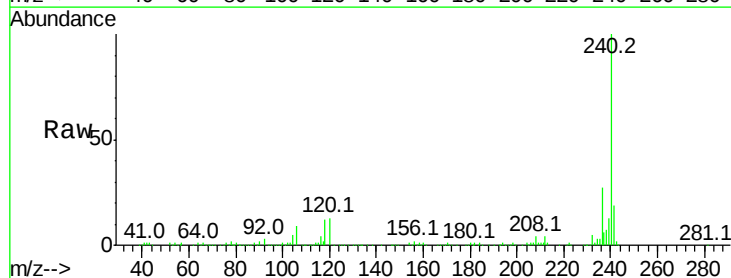
Instrument :
BNA_F
ClientSampleId :
C-8B

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.6	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: BF102132.D
Acq: 17 Jan 2018 1:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	26.6	20.7	31.1





#78

Terphenyl-d14

Concen: 76.780 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102132.D

Acq: 17 Jan 2018 1:30

Instrument :

BNA_F

ClientSampled :

C-8B

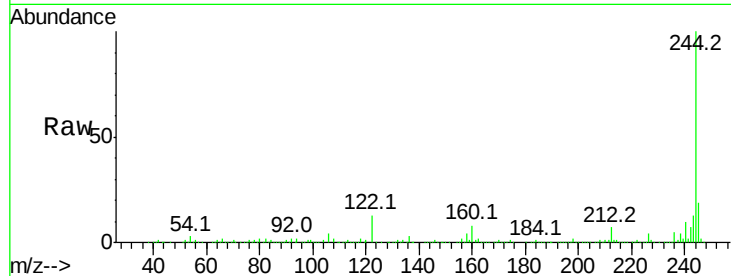
Tot Ion:244 Resp: 891112

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

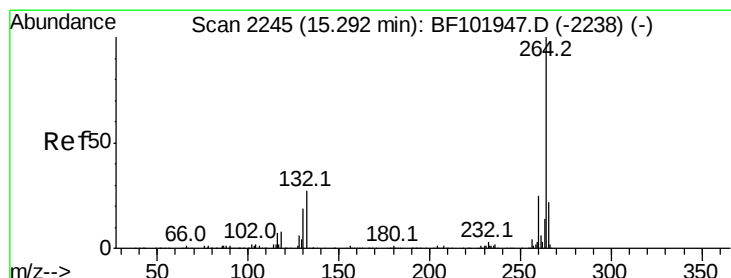
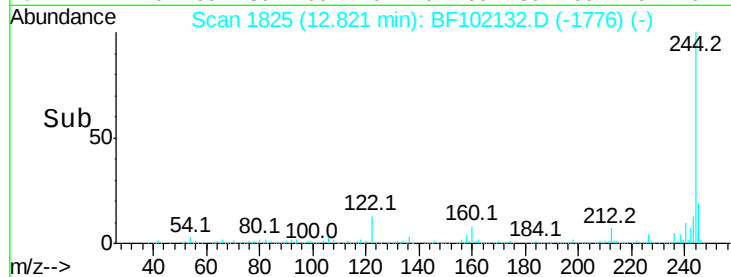
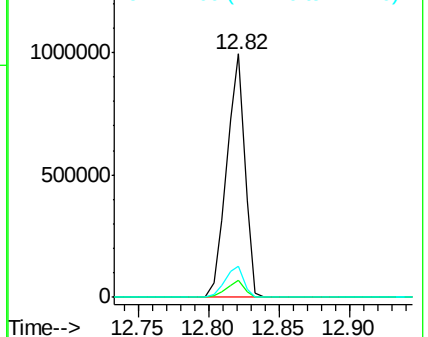
122 12.8 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF102132.D

Acq: 17 Jan 2018 1:30

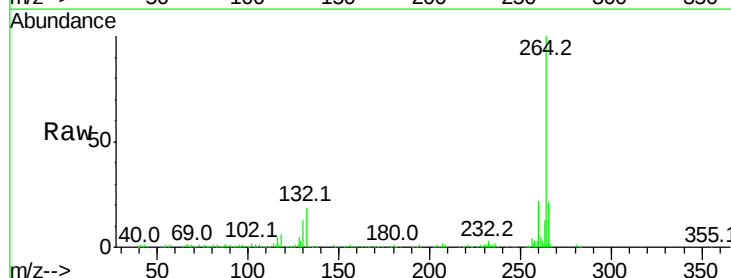
Tgt Ion:264 Resp: 252603

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 20.8 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

