

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102834.D
 Acq On : 8 Feb 2018 00:23
 Operator : SJ/JU
 Sample : J1473-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2

Quant Time: Feb 08 06:41:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

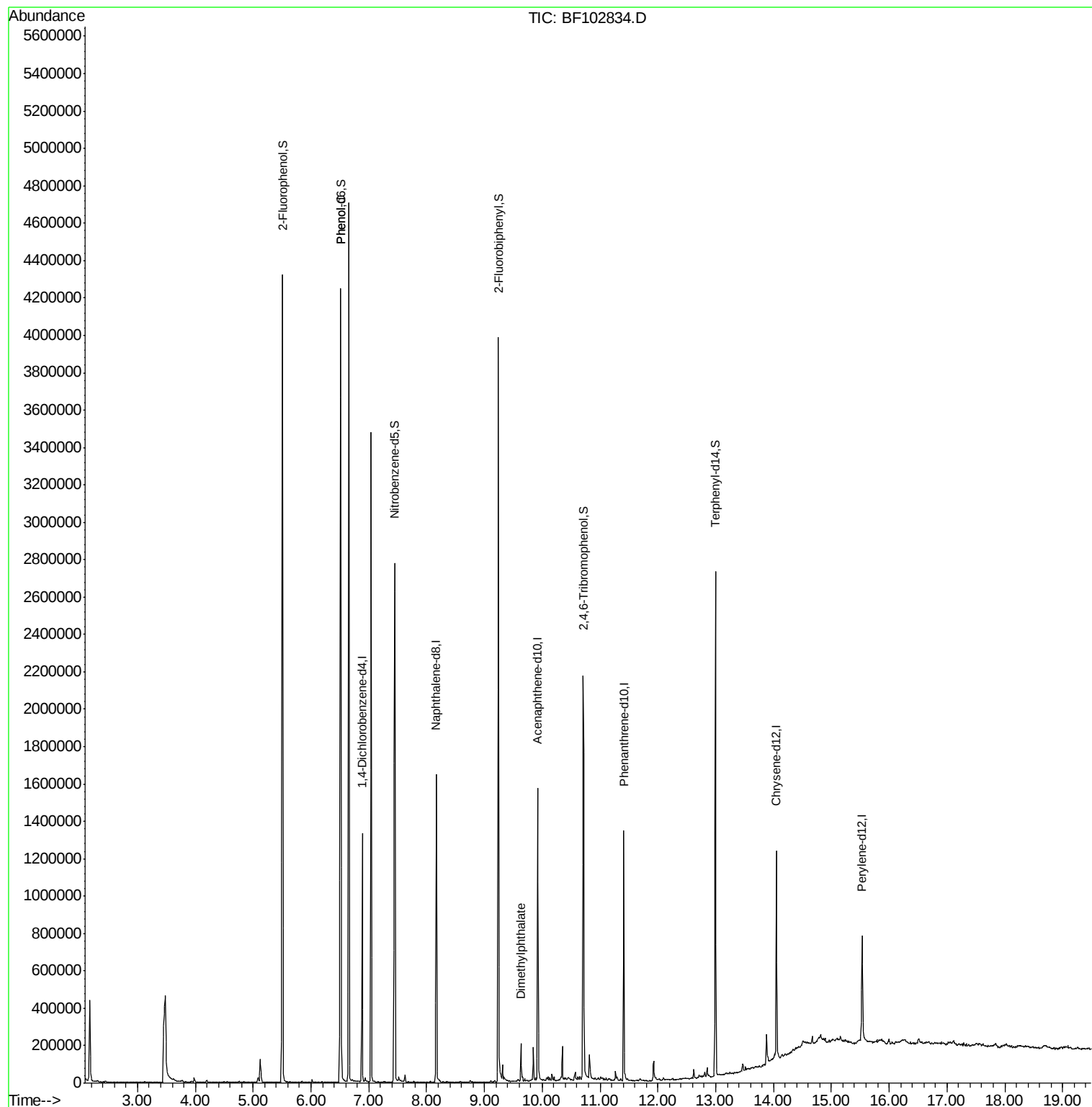
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	189065	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	732033	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	296533	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	434655	20.00	ng	0.00
75) Chrysene-d12	14.05	240	351723	20.00	ng	0.00
86) Perylene-d12	15.53	264	274717	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1347449	108.23	ng	0.02
7) Phenol-d6	6.52	99	1558049	103.94	ng	0.01
23) Nitrobenzene-d5	7.45	82	967955	91.73	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	252350	105.73	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1380089	77.23	ng	0.00
78) Terphenyl-d14	13.00	244	953834	64.21	ng	0.00
Target Compounds						
10) Phenol	6.52	94	35353	2.201	ng	Qvalue # 61
49) Dimethylphthalate	9.63	163	74939	3.241	ng	99

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

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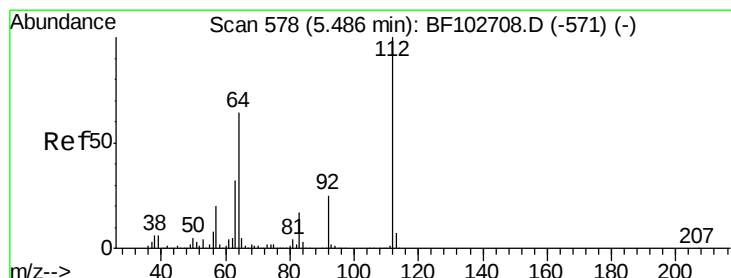
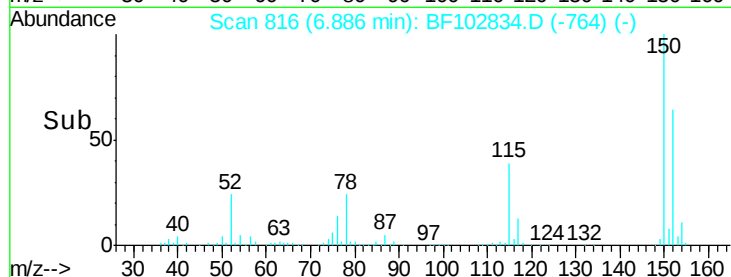
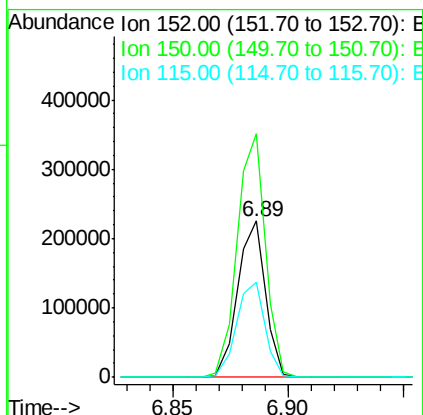
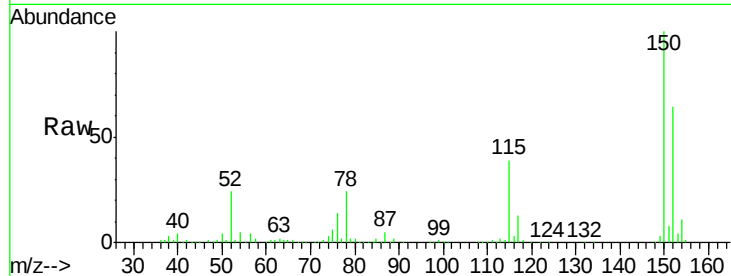


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102834.D
Acq: 8 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :
B2

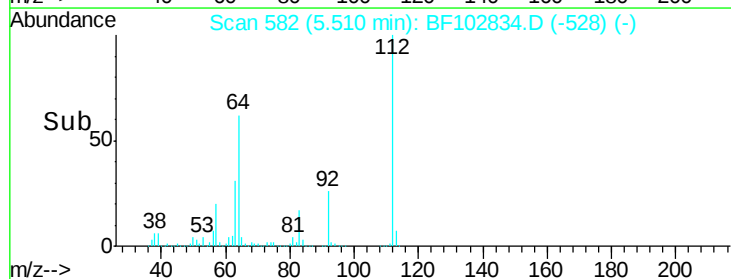
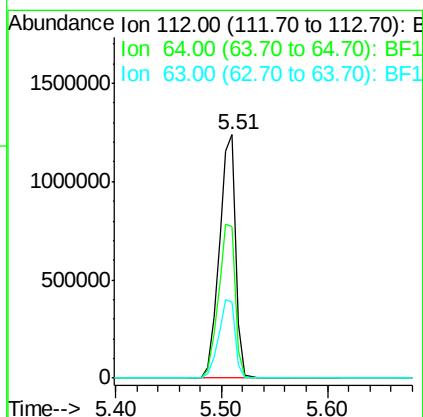
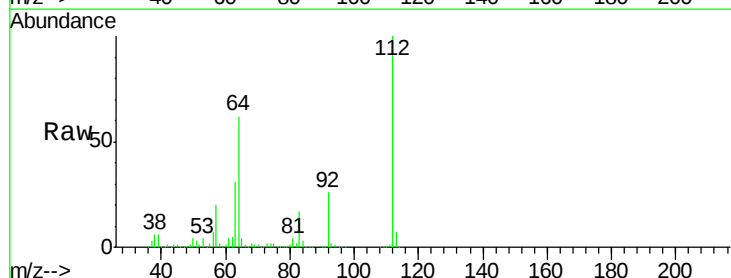
Tot Ion:152 Resp: 189065
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 60.9 50.1 75.1

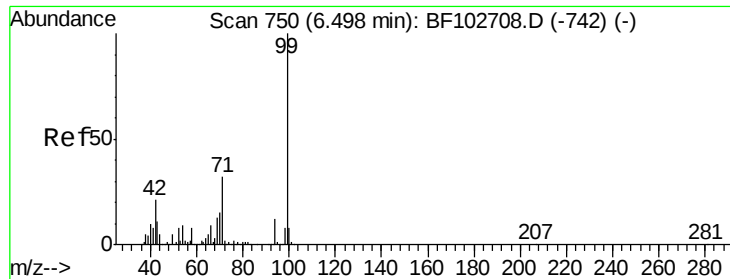


#5

2-Fluorophenol
Concen: 108.234 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102834.D
Acq: 8 Feb 2018 00:23

Tgt Ion:112 Resp: 1347449
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 31.1 23.7 35.5





#7

Phenol-d6

Concen: 103.940 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102834.D

Acq: 8 Feb 2018 00:23

Instrument :

BNA_F

ClientSampleId :

B2

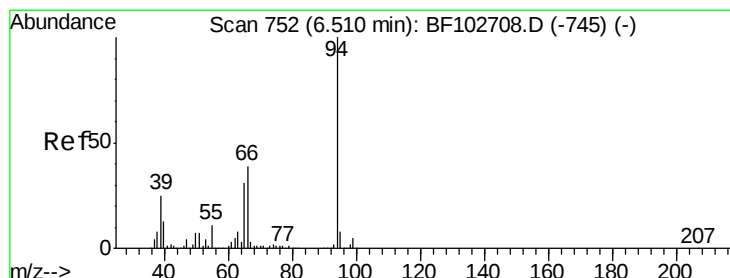
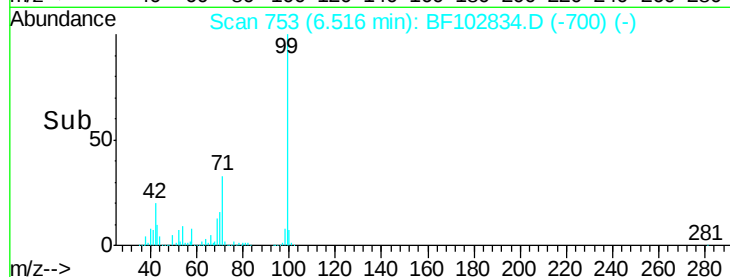
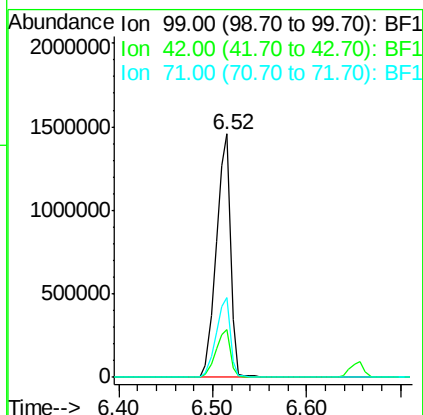
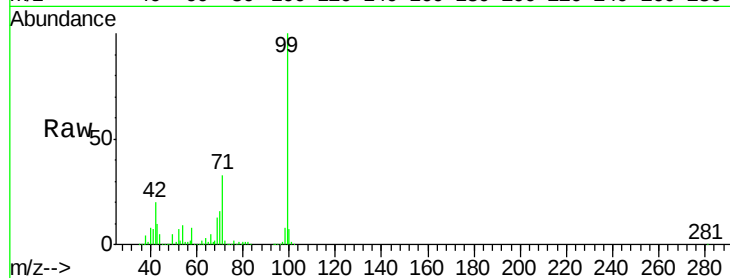
Tot Ion: 99 Resp: 1558049

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 32.9 25.4 38.0



#10

Phenol

Concen: 2.201 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF102834.D

Acq: 8 Feb 2018 00:23

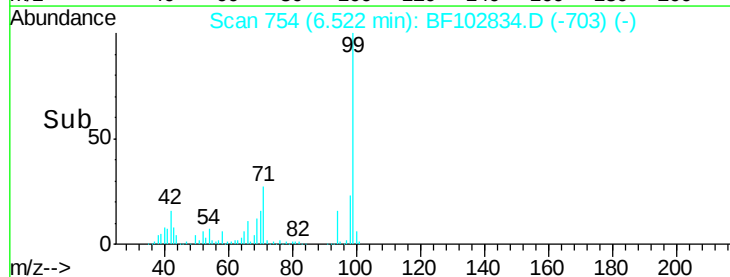
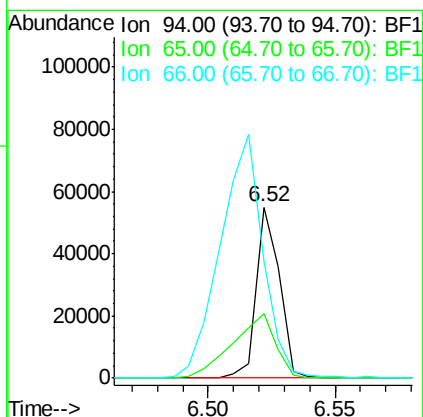
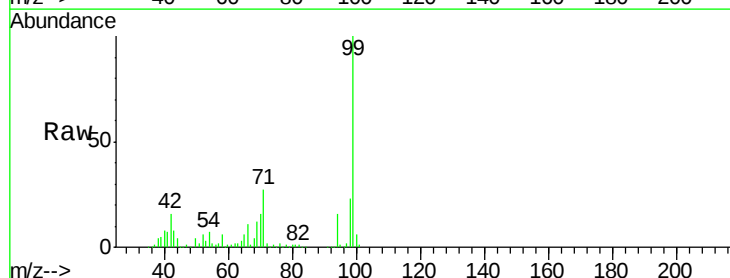
Tgt Ion: 94 Resp: 35353

Ion Ratio Lower Upper

94 100

65 37.4 7.9 47.9

66 68.3 16.2 56.2#

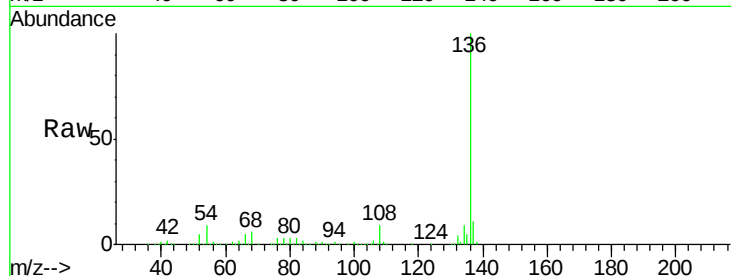




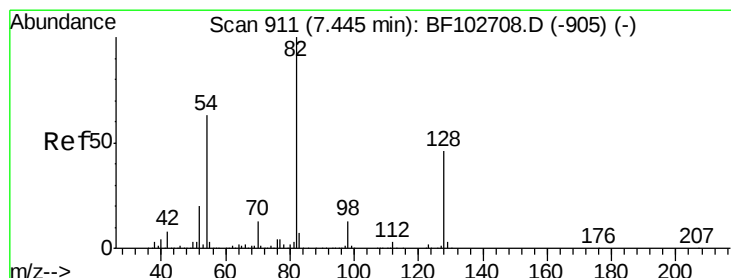
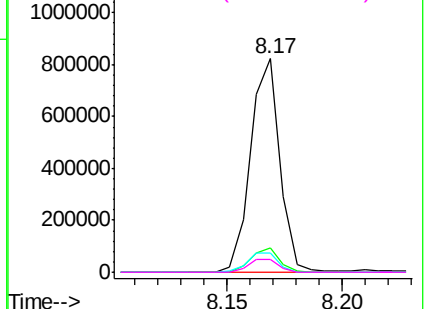
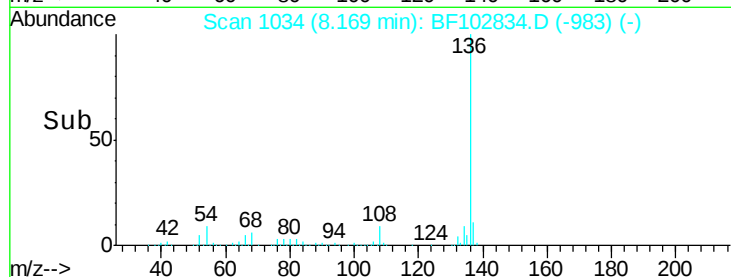
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102834.D
Acq: 8 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :
B2

Tot Ion:136	Resp:	732033	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.9	13.3	
54 9.2	6.6	9.8	
68 6.1	5.0	7.4	

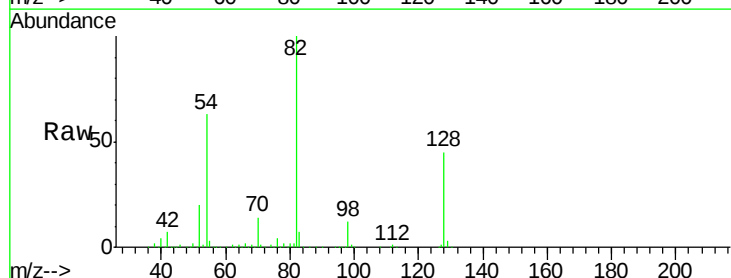


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

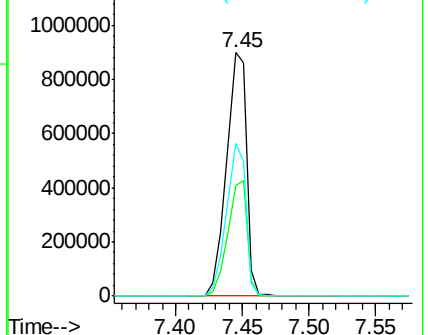
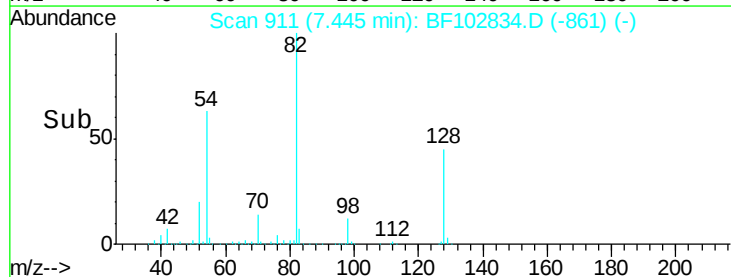


#23
Nitrobenzene-d5
Concen: 91.728 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102834.D
Acq: 8 Feb 2018 00:23

Tgt	Ion: 82	Resp:	967955
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	62.5	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

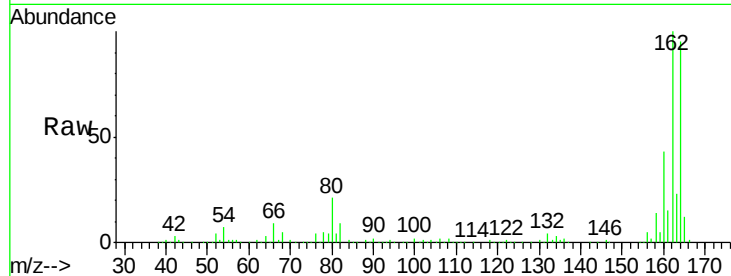




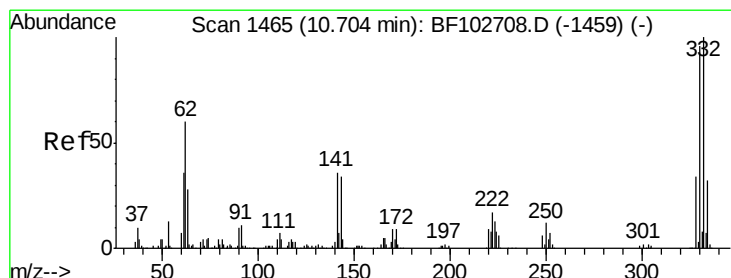
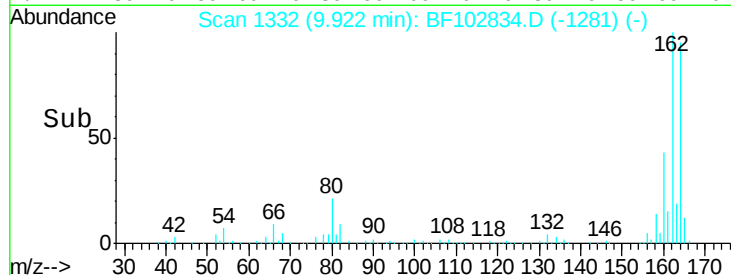
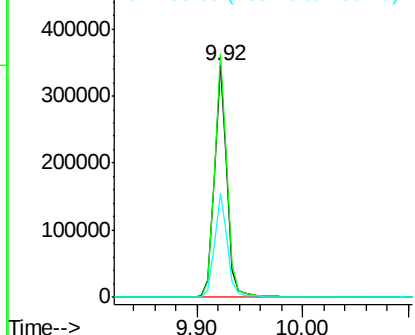
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102834.D
Acq: 8 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :
B2

Tot Ion:164 Resp: 296533
Ion Ratio Lower Upper
164 100
162 105.2 86.1 129.1
160 44.9 38.3 57.5

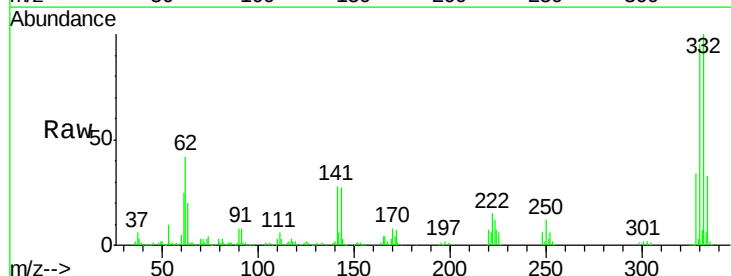


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

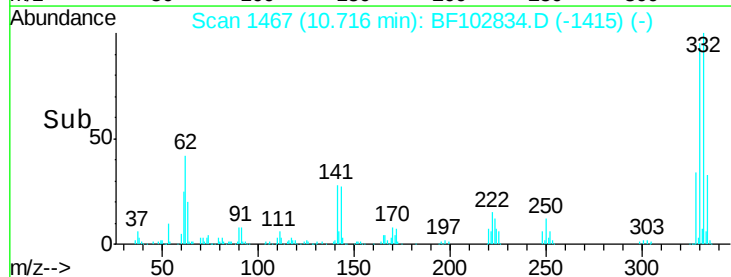
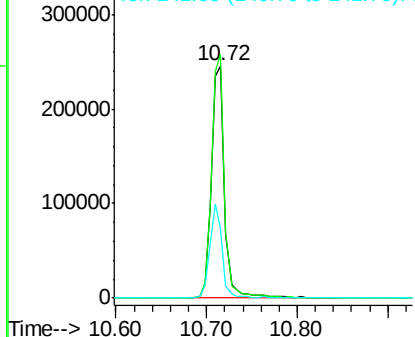


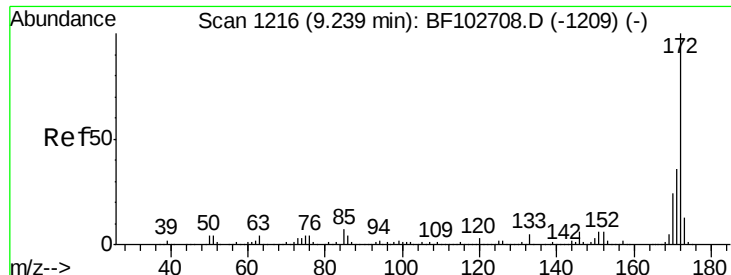
#41
2,4,6-Tribromophenol
Concen: 105.730 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF102834.D
Acq: 8 Feb 2018 00:23

Tgt Ion:330 Resp: 252350
Ion Ratio Lower Upper
330 100
332 101.9 77.0 115.6
141 38.5 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

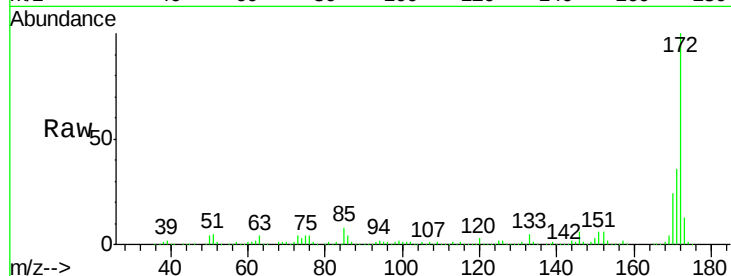




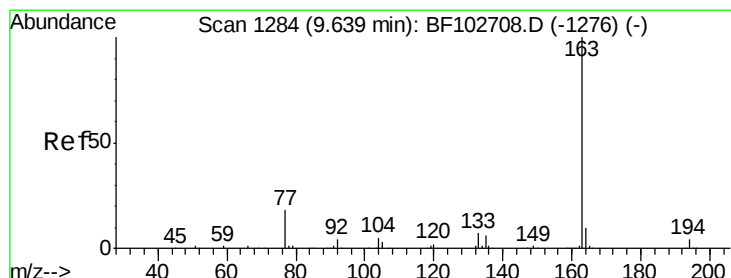
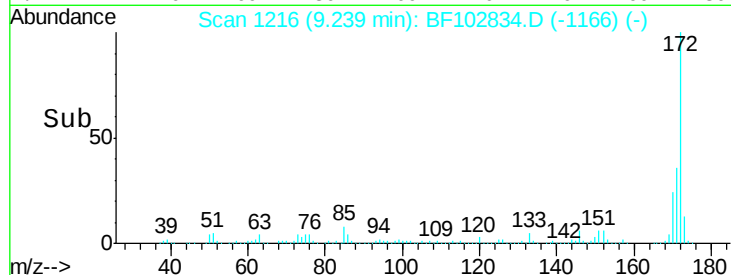
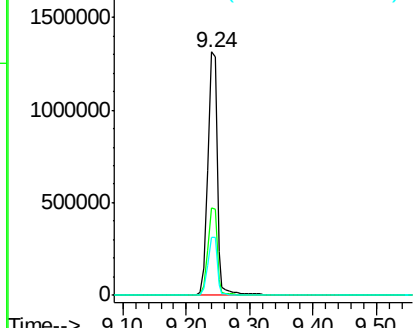
#44
2-Fluorobiphenyl
Concen: 77.228 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102834.D
Acq: 8 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :
B2

Tot Ion:172 Resp: 1380089
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.8 19.6 29.4

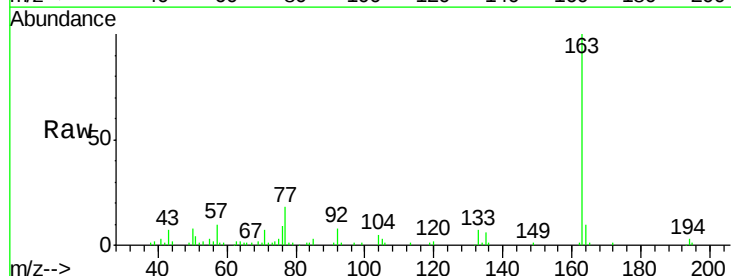


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

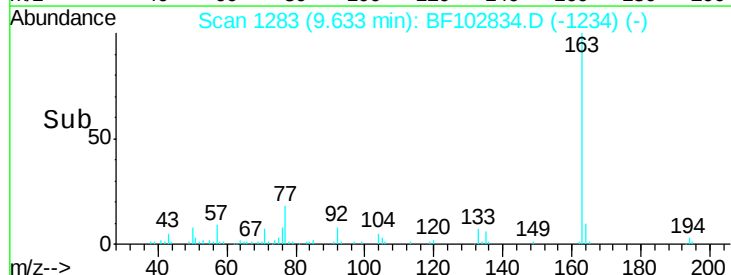
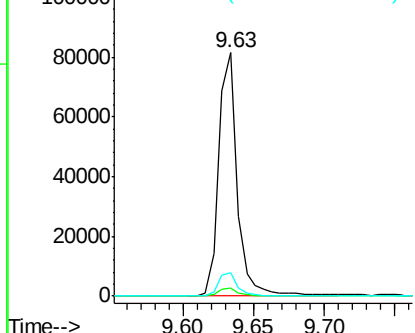


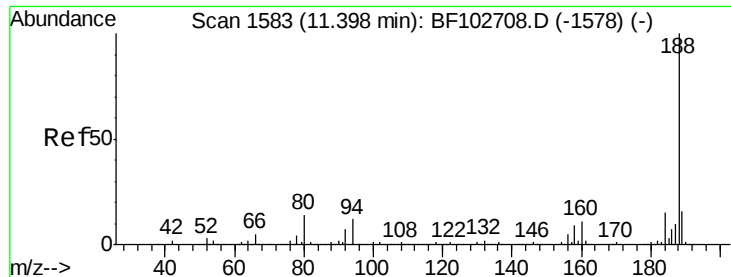
#49
Dimethylphthalate
Concen: 3.241 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102834.D
Acq: 8 Feb 2018 00:23

Tgt Ion:163 Resp: 74939
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.7 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

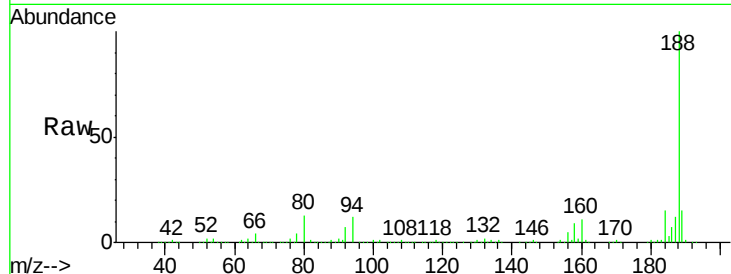




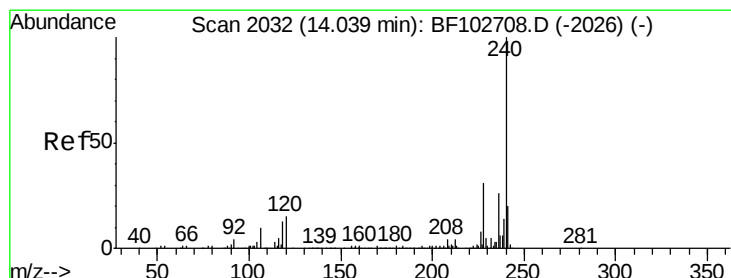
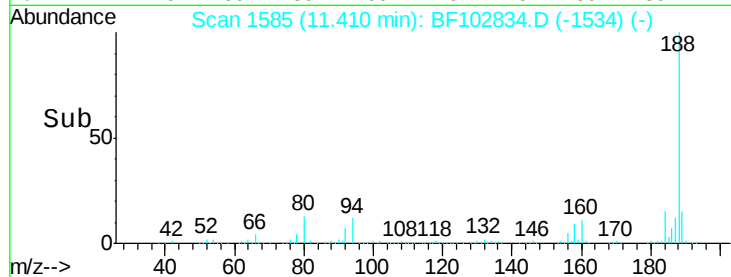
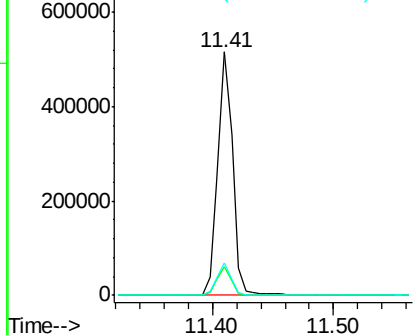
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102834.D
Acq: 8 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :
B2

Tot Ion:188 Resp: 434655
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 13.3 9.2 13.8

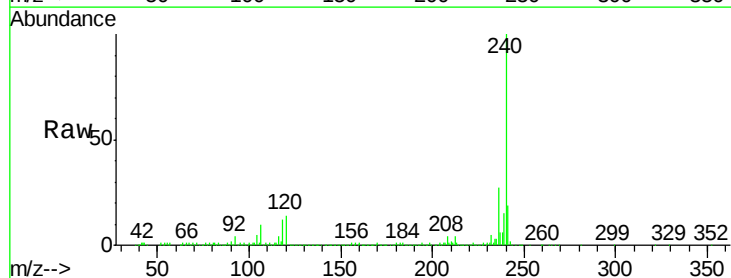


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

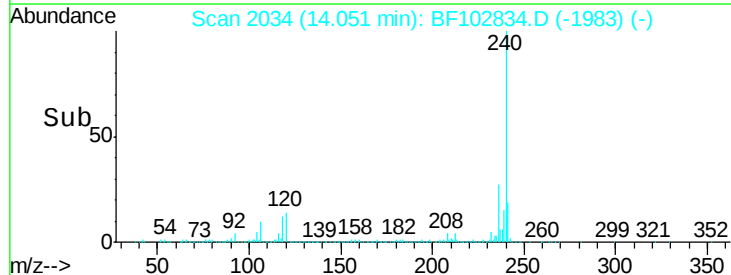
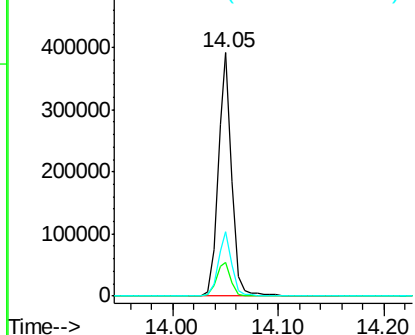


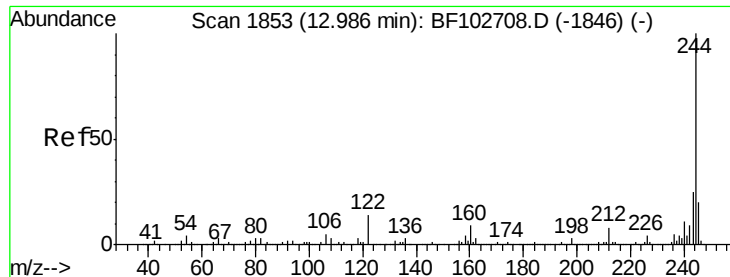
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102834.D
Acq: 8 Feb 2018 00:23

Tgt Ion:240 Resp: 351723
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 26.7 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: 64.211 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102834.D

Acq: 8 Feb 2018 00:23

Instrument :

BNA_F

ClientSampleId :

B2

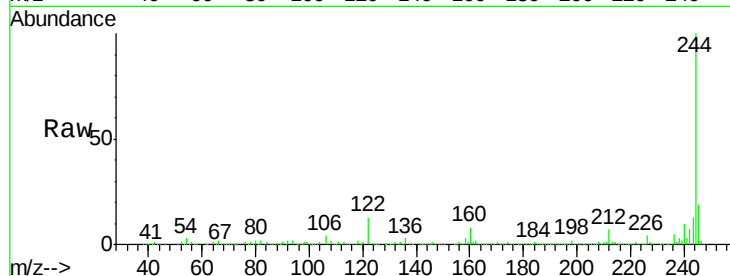
Tot Ion:244 Resp: 953834

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

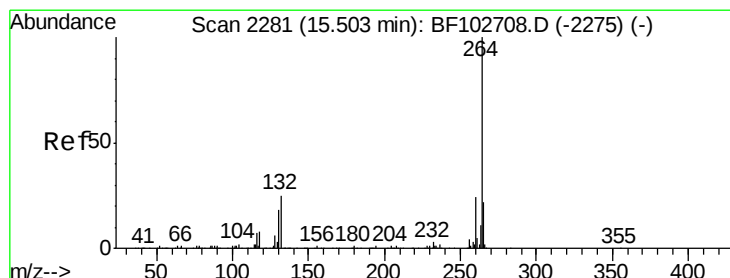
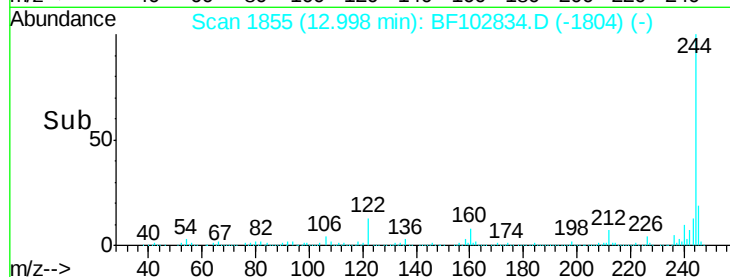
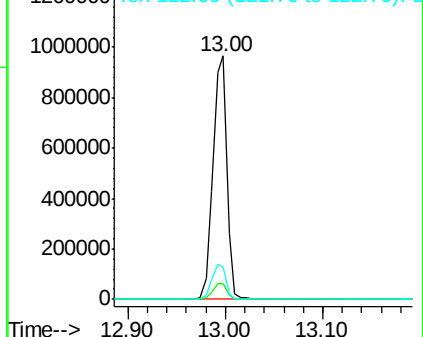
122 13.4 11.0 16.4



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: 15.53 min Scan# 2286

Delta R.T. 0.01 min

Lab File: BF102834.D

Acq: 8 Feb 2018 00:23

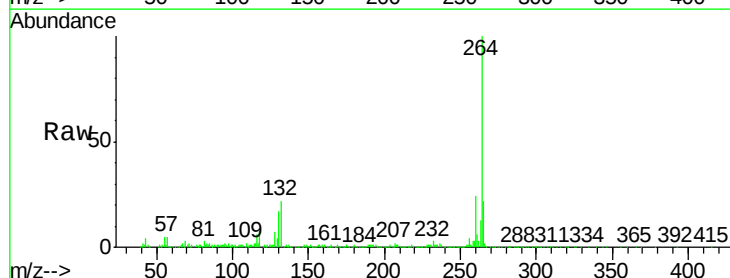
Tgt Ion:264 Resp: 274717

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.1 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

