

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
 Data File : BF091374.D
 Acq On : 1 Dec 2016 15:53
 Operator : UM/SJ
 Sample : H5777-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Dec 02 00:04:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

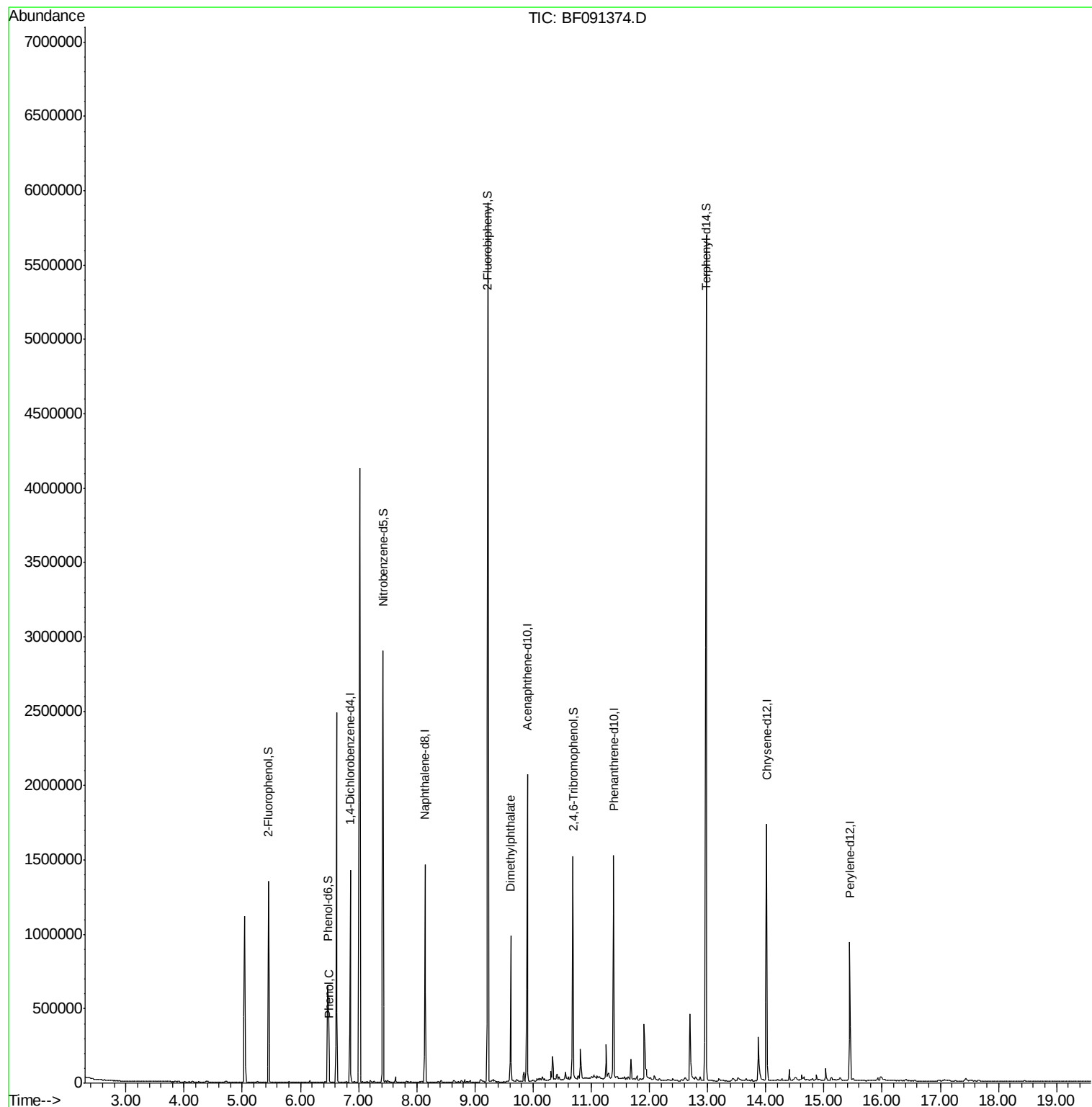
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	198984	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	741408	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	471372	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	769209	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	611759	20.00	ng	-0.03
86) Perylene-d12	15.44	264	431468	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	307952	25.28	ng	-0.02
7) Phenol-d6	6.47	99	257672	17.18	ng	-0.03
23) Nitrobenzene-d5	7.42	82	980682	74.13	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	277205	62.12	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1972216	75.76	ng	-0.02
78) Terphenyl-d14	12.97	244	2065201	73.37	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	48358	2.74	ng	78
49) Dimethylphthalate	9.61	163	361851	12.68	ng	97

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

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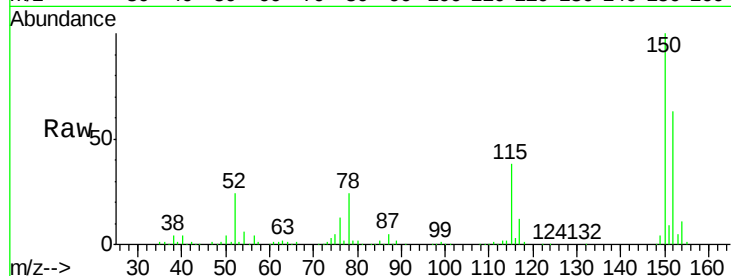


#1

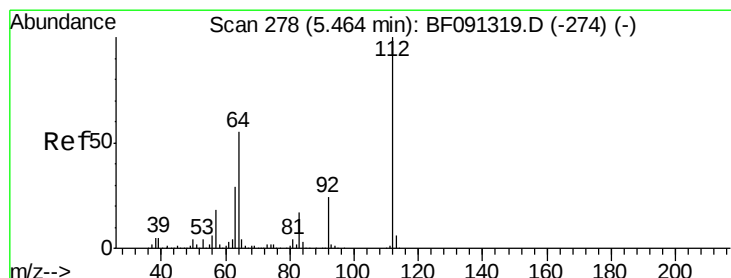
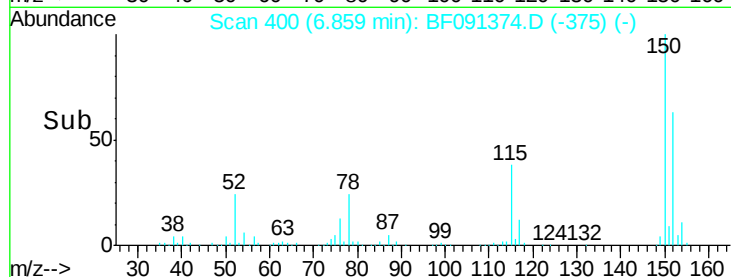
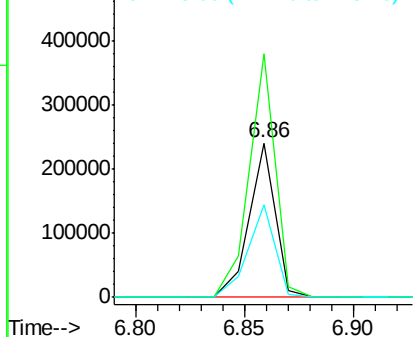
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF091374.D
Acq: 1 Dec 2016 15:53

Instrument :
BNA_F
ClientSampleId :
DSN001

Tot Ion:152 Resp: 198984
Ion Ratio Lower Upper
152 100
150 157.7 122.5 183.7
115 60.0 51.8 77.8



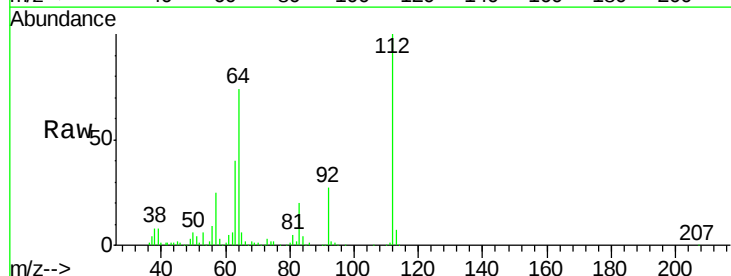
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



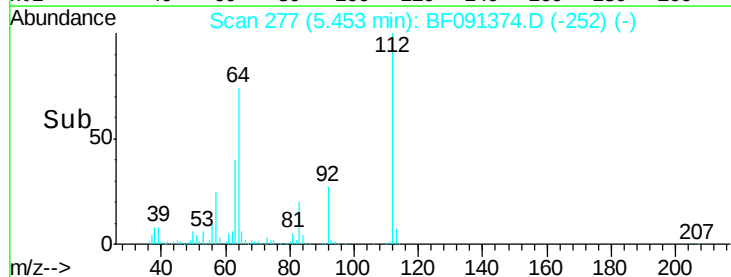
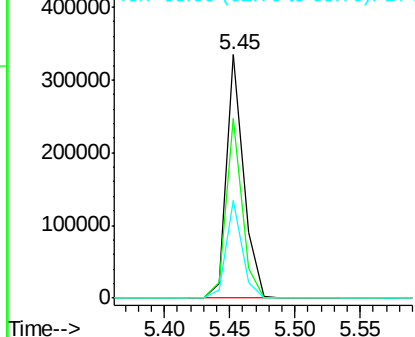
#5

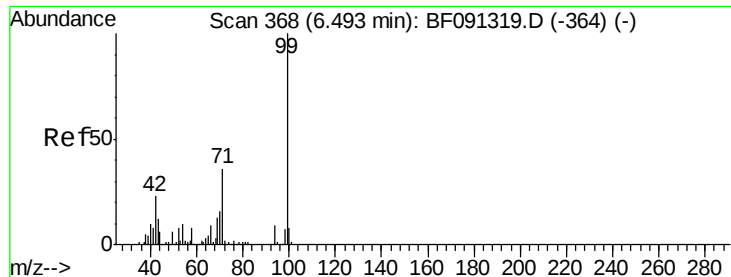
2-Fluorophenol
Concen: 25.28 ng
RT: 5.45 min Scan# 277
Delta R.T. -0.02 min
Lab File: BF091374.D
Acq: 1 Dec 2016 15:53

Tgt Ion:112 Resp: 307952
Ion Ratio Lower Upper
112 100
64 74.0 61.5 92.3
63 40.0 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 17.18 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.03 min

Lab File: BF091374.D

Acq: 1 Dec 2016 15:53

Instrument :

BNA_F

ClientSampled :

DSN001

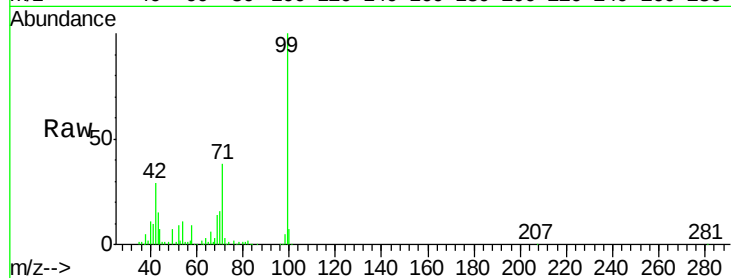
Tot Ion: 99 Resp: 257672

Ion Ratio Lower Upper

99 100

42 29.1 20.6 31.0

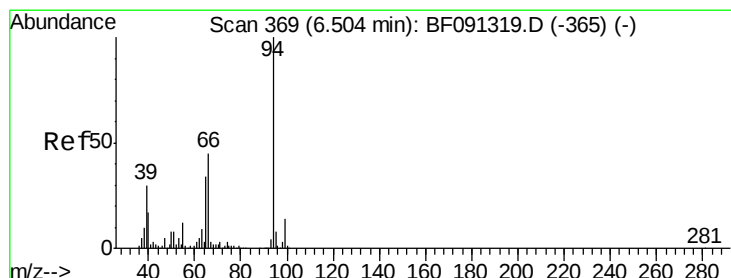
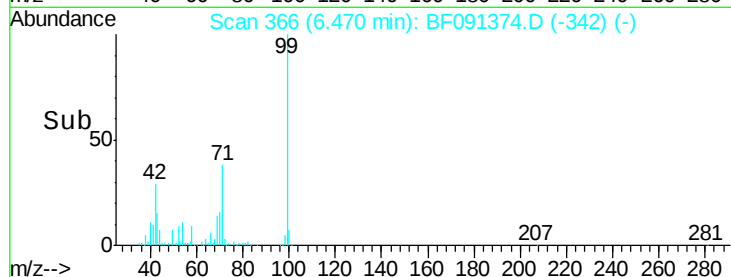
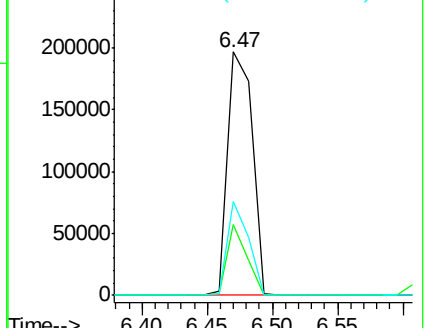
71 38.4 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.74 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF091374.D

Acq: 1 Dec 2016 15:53

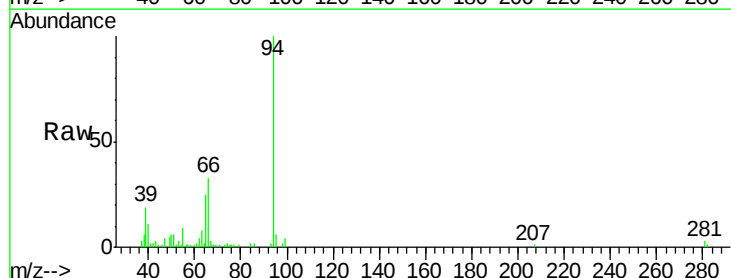
Tgt Ion: 94 Resp: 48358

Ion Ratio Lower Upper

94 100

65 25.3 16.9 56.9

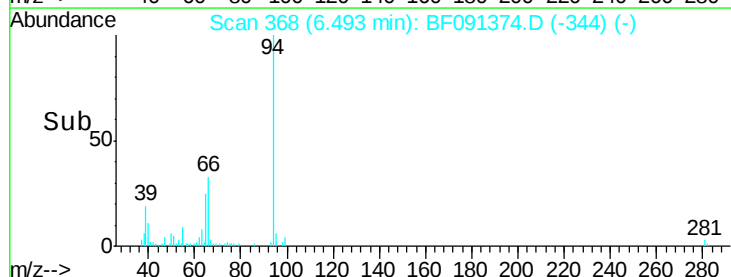
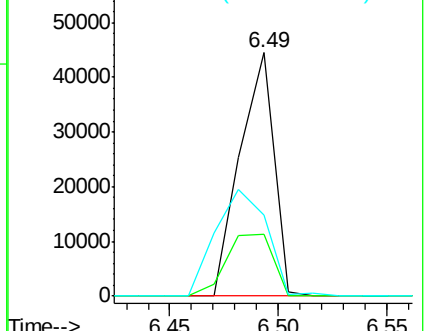
66 33.5 30.6 70.6



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF091374.D

Acq: 1 Dec 2016 15:53

Instrument :

BNA_F

ClientSampleId :

DSN001

Tot Ion:136 Resp: 741408

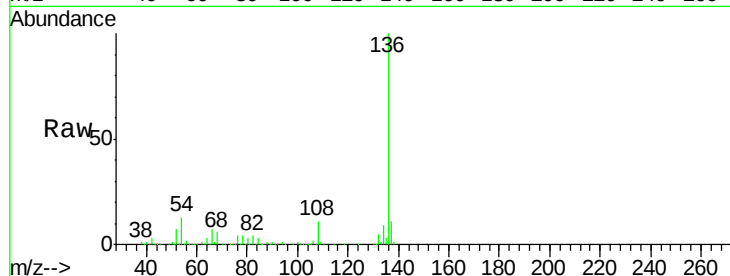
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 13.1 9.1 13.7

68 6.3 5.9 8.9

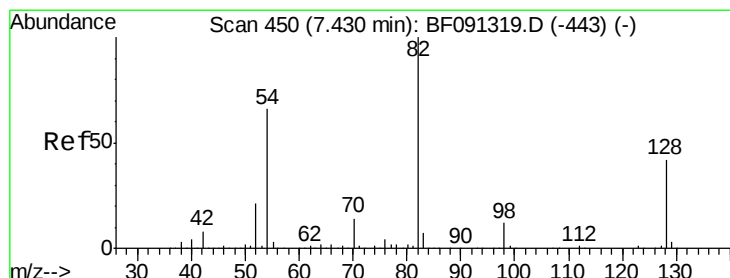
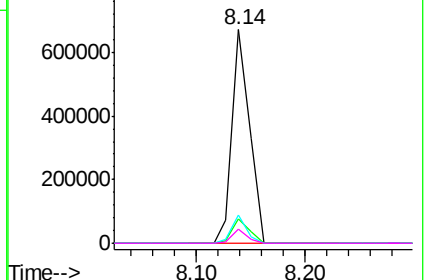
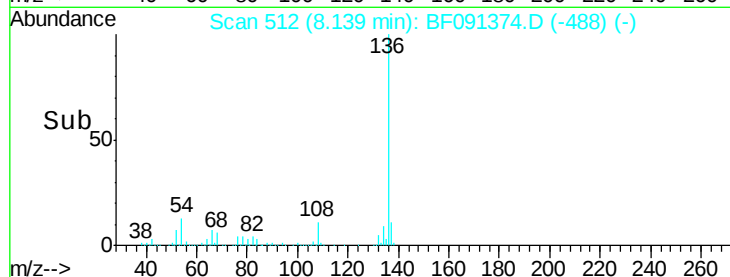


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 74.13 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF091374.D

Acq: 1 Dec 2016 15:53

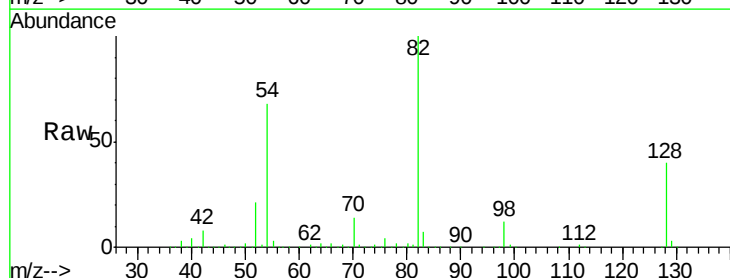
Tgt Ion: 82 Resp: 980682

Ion Ratio Lower Upper

82 100

128 39.6 31.8 47.6

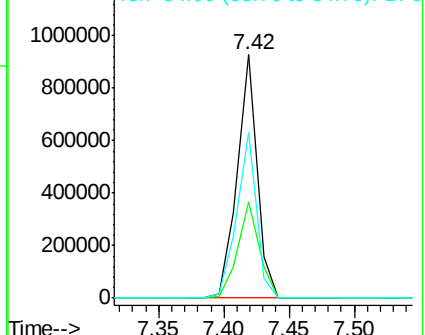
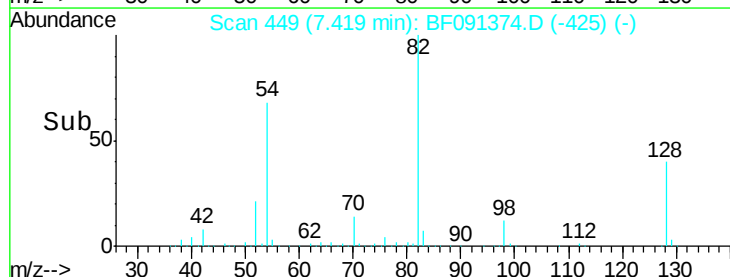
54 68.0 49.1 73.7

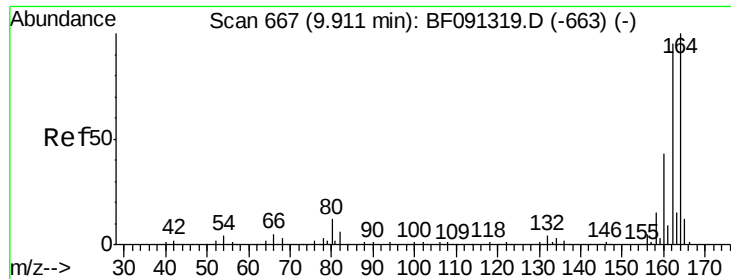


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

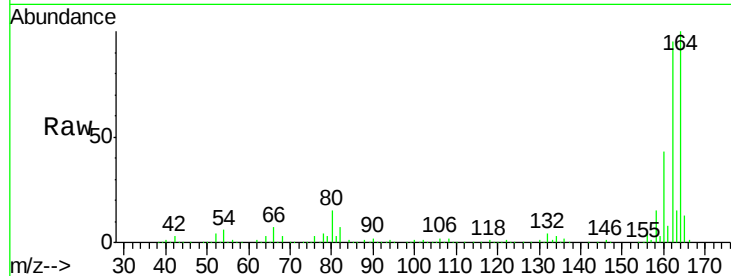




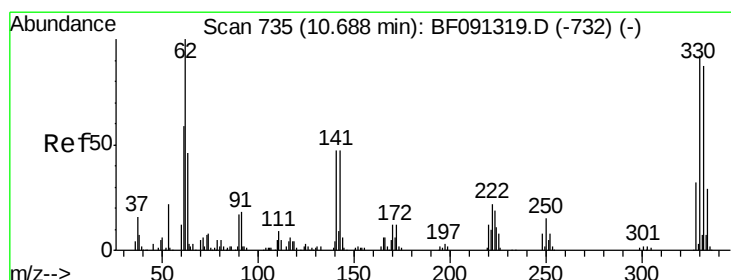
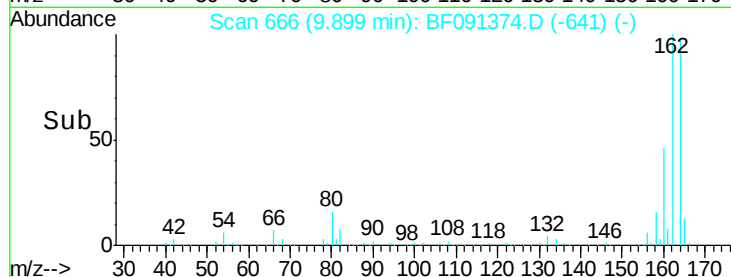
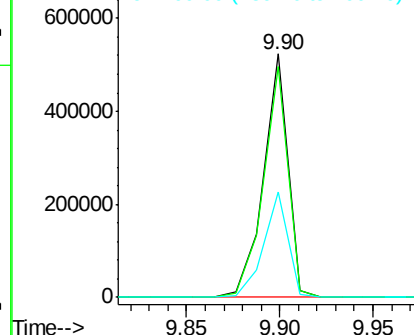
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091374.D
Acq: 1 Dec 2016 15:53

Instrument :
BNA_F
ClientSampleId :
DSN001

Tot Ion:164 Resp: 471372
Ion Ratio Lower Upper
164 100
162 94.8 82.6 124.0
160 43.2 36.7 55.1

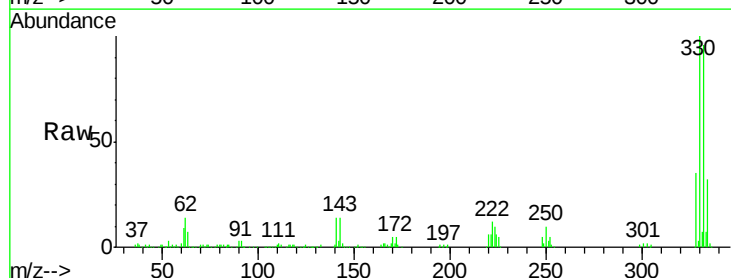


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

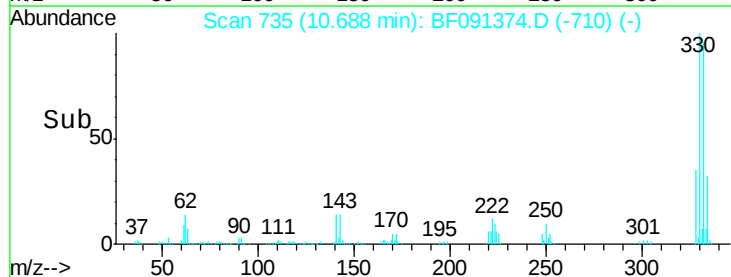
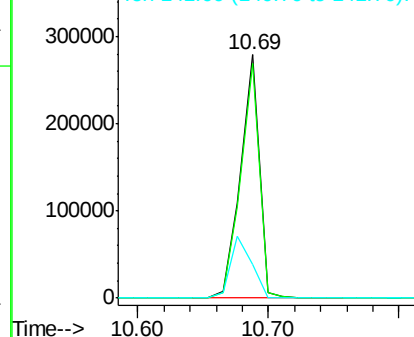


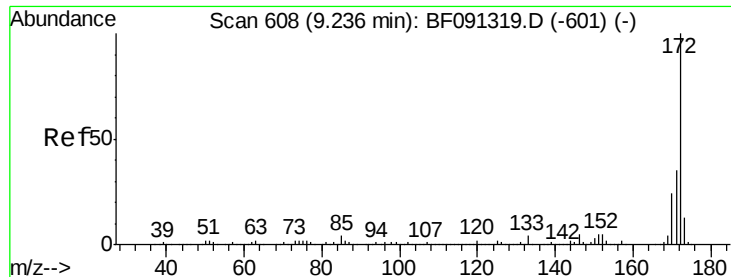
#41
2,4,6-Tribromophenol
Concen: 62.12 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF091374.D
Acq: 1 Dec 2016 15:53

Tgt Ion:330 Resp: 277205
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 29.0 33.6 50.4#



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

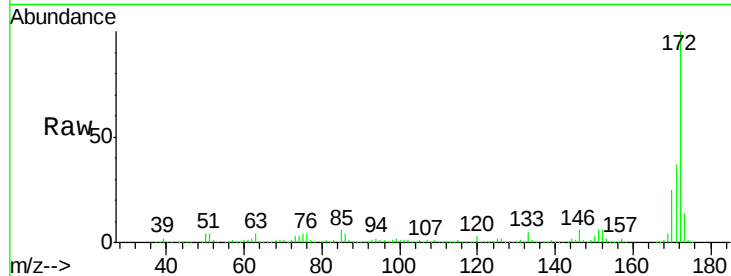




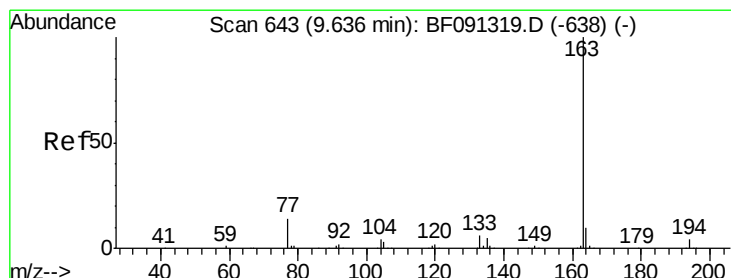
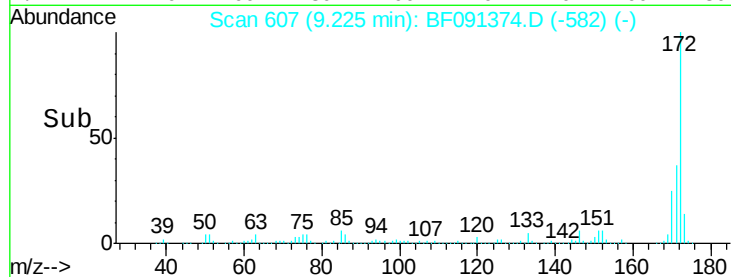
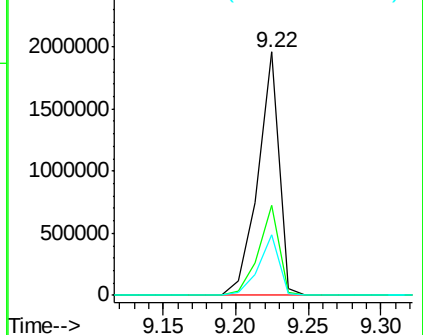
#44
2-Fluorobiphenyl
Concen: 75.76 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091374.D
Acq: 1 Dec 2016 15:53

Instrument :
BNA_F
ClientSampled :
DSN001

Tot Ion:172 Resp: 1972216
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 24.8 19.7 29.5

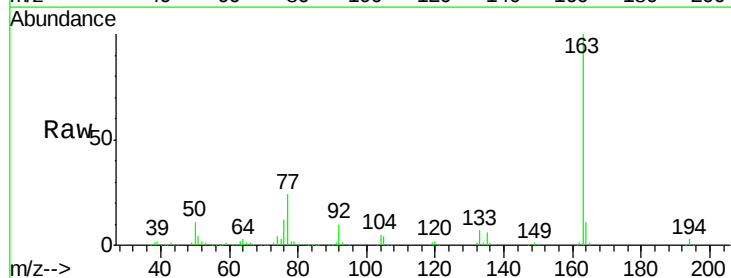


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

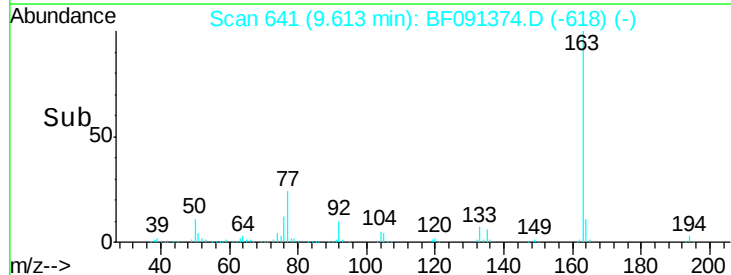
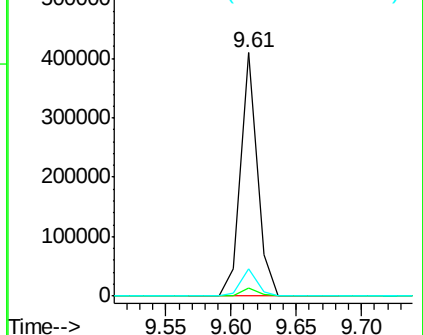


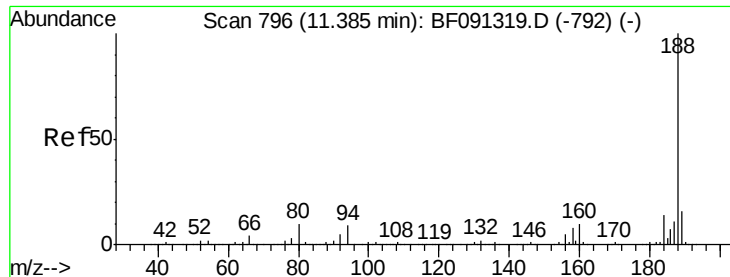
#49
Dimethylphthalate
Concen: 12.68 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091374.D
Acq: 1 Dec 2016 15:53

Tgt Ion:163 Resp: 361851
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 11.0 7.8 11.8



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

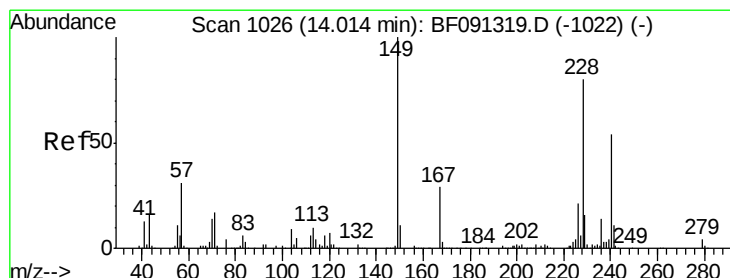
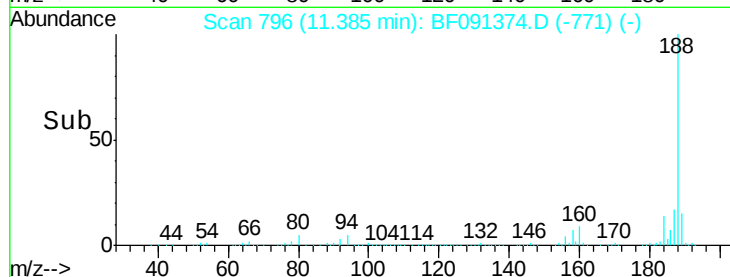
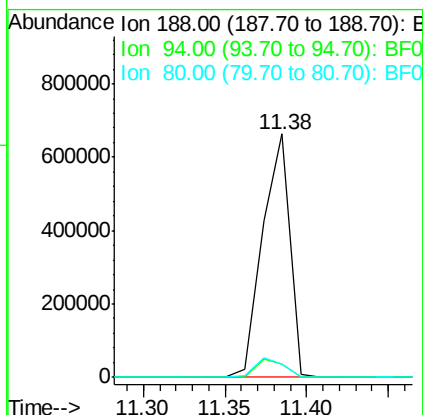
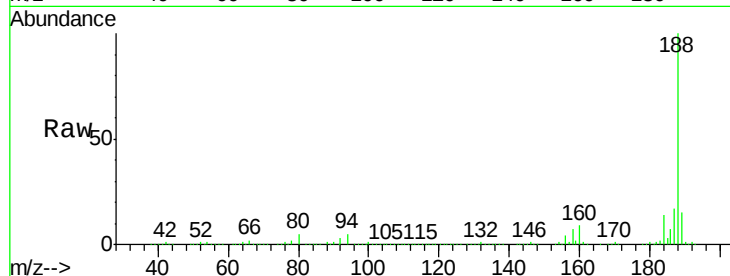




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091374.D
Acq: 1 Dec 2016 15:53

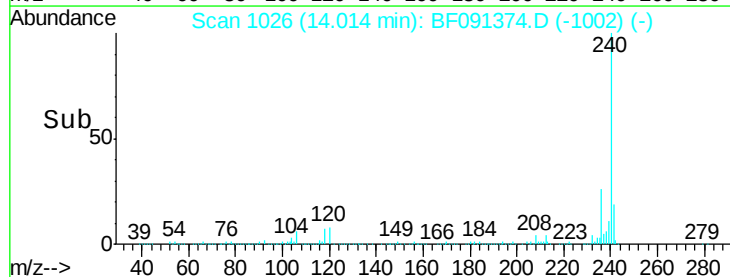
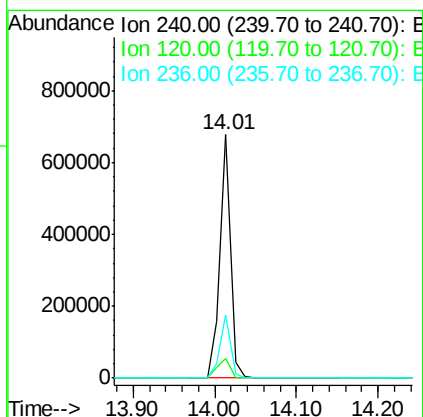
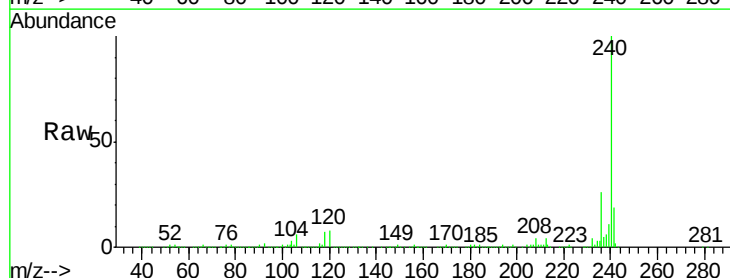
Instrument :
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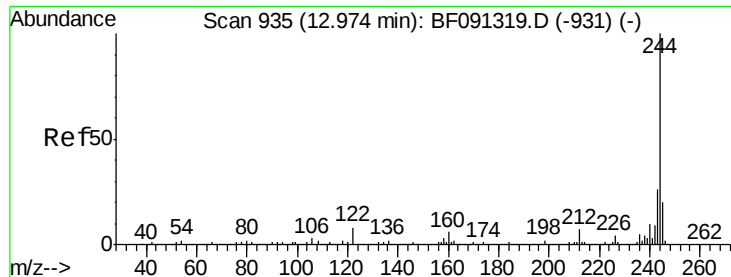
Tot Ion:188 Resp: 769209
Ion Ratio Lower Upper
188 100
94 5.5 9.2 13.8#
80 5.4 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091374.D
Acq: 1 Dec 2016 15:53

Tgt Ion:240 Resp: 611759
Ion Ratio Lower Upper
240 100
120 8.1 12.1 18.1#
236 26.1 21.0 31.6

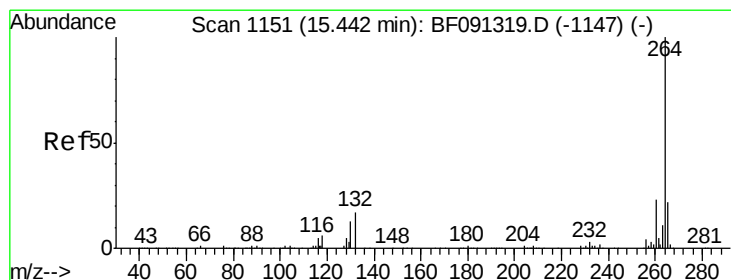
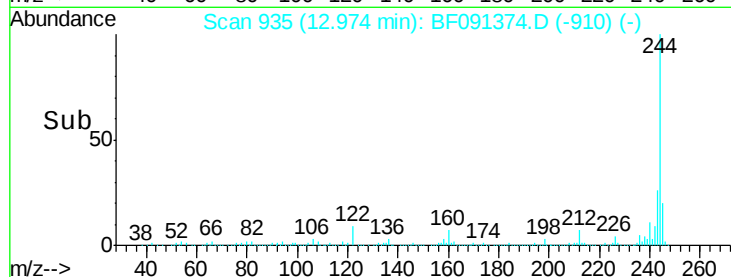
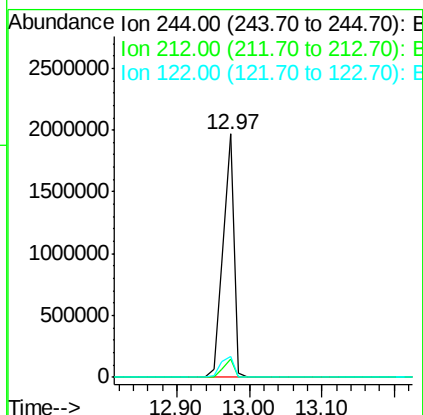
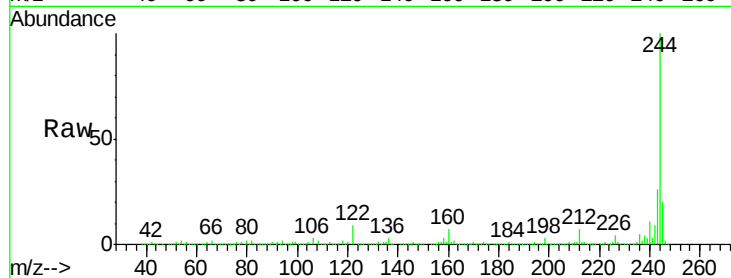




#78
 Terphenyl-d14
 Concen: 73.37 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091374.D
 Acq: 1 Dec 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tot Ion:244 Resp: 2065201
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 8.7 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091374.D
 Acq: 1 Dec 2016 15:53

Tgt Ion:264 Resp: 431468
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.1 17.0 25.6

