

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098894.D
 Acq On : 28 Sep 2017 7:11
 Operator : SJ/JU
 Sample : I5443-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3

Quant Time: Sep 28 07:58:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

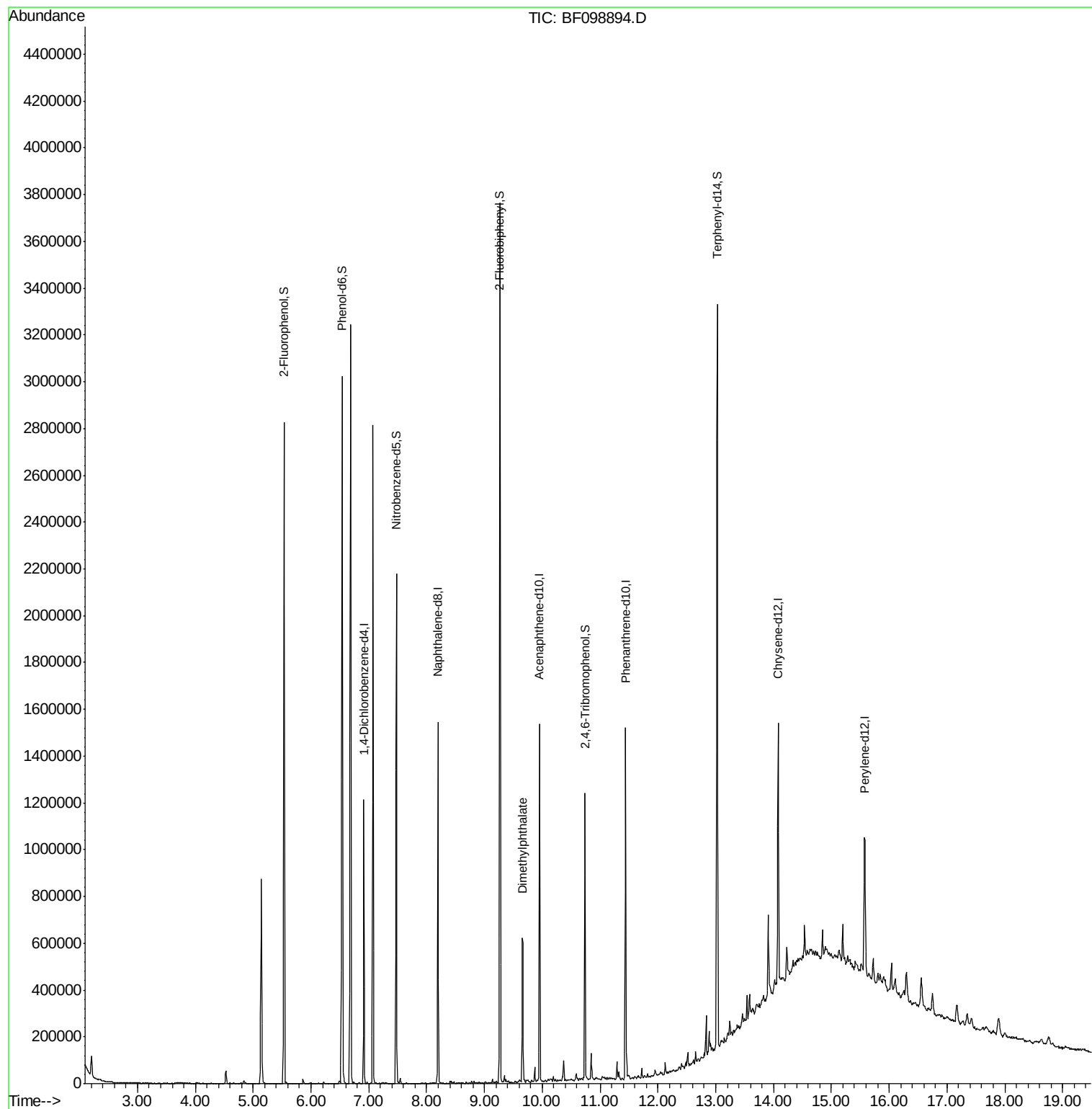
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	159257	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	661674	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	281591	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	467005	20.00	ng	0.00
75) Chrysene-d12	14.08	240	355630	20.00	ng	0.00
86) Perylene-d12	15.57	264	248005	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	833001	83.27	ng	0.00
7) Phenol-d6	6.54	99	1213305	98.31	ng	0.00
23) Nitrobenzene-d5	7.47	82	757350	73.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	115857	50.28	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1267736	75.16	ng	-0.01
78) Terphenyl-d14	13.03	244	1016302	64.99	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.66	163	250409	11.782	ng	Qvalue 100

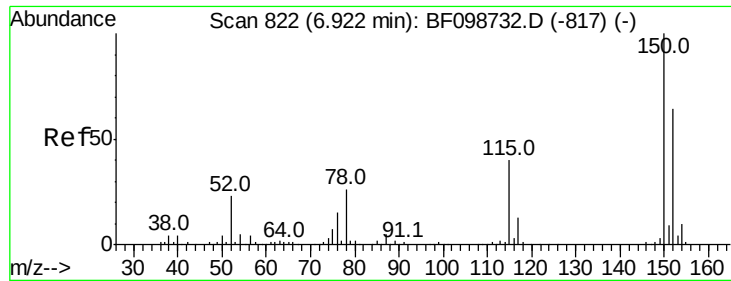
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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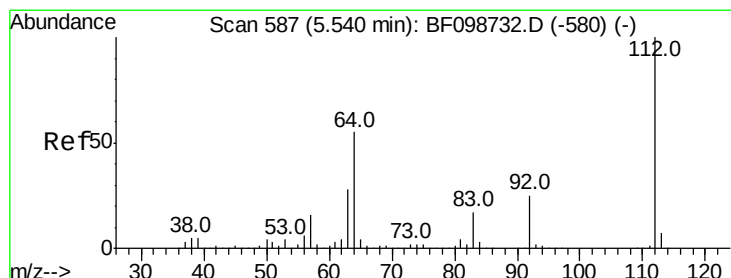
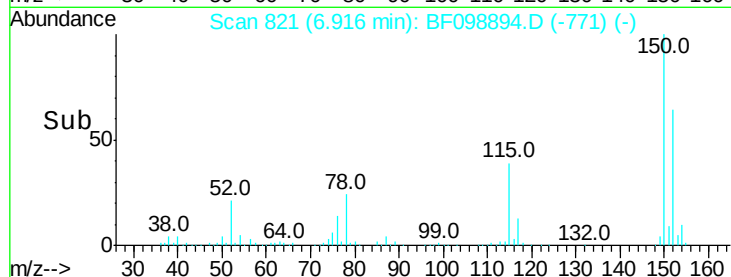
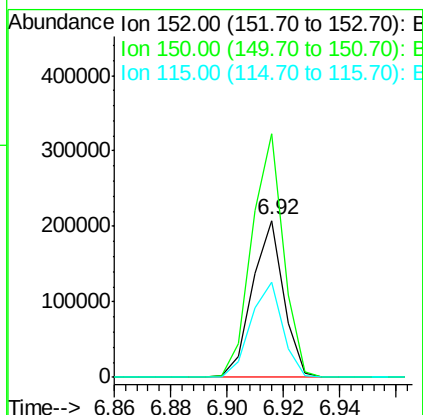
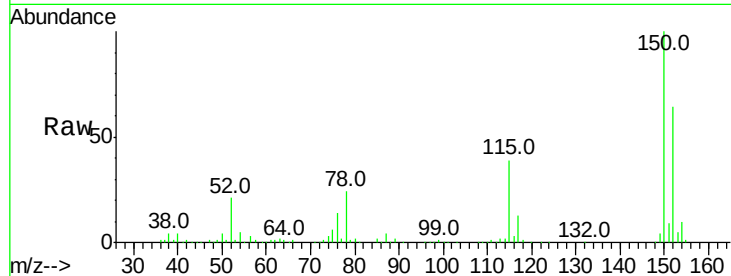


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098894.D
Acq: 28 Sep 2017 7:11

Instrument :
BNA_F
ClientSampleId :
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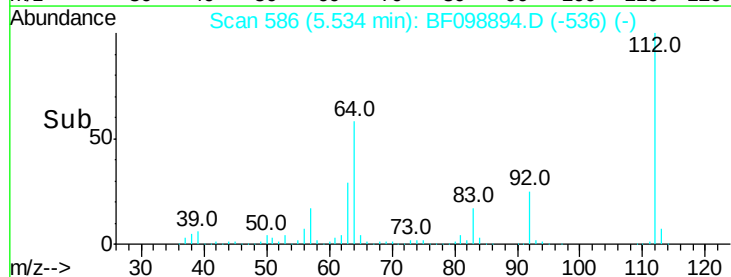
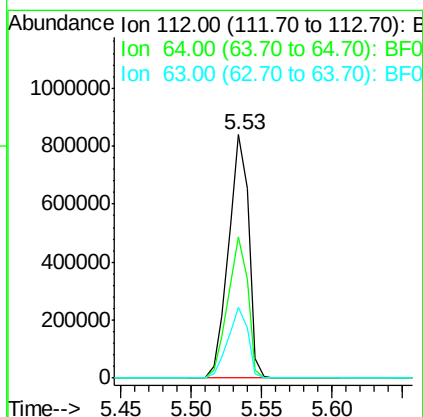
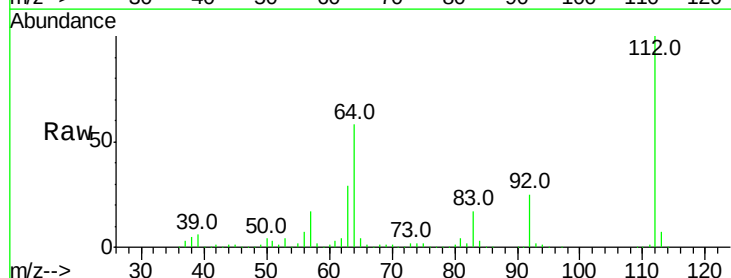
Tot Ion:152 Resp: 159257
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 60.4 50.1 75.1

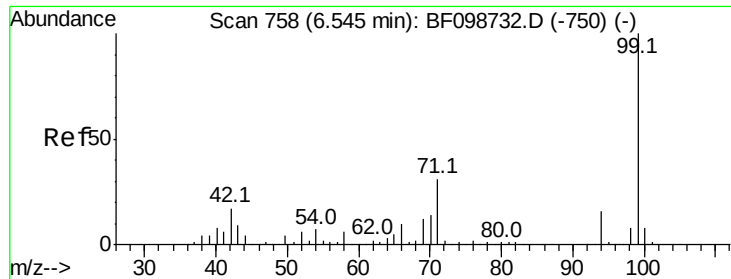


#5

2-Fluorophenol
Concen: 83.265 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098894.D
Acq: 28 Sep 2017 7:11

Tgt Ion:112 Resp: 833001
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 29.0 23.7 35.5





#7

Phenol-d6

Concen: 98.312 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098894.D

Acq: 28 Sep 2017 7:11

Instrument :

BNA_F

ClientSampled :

B-3

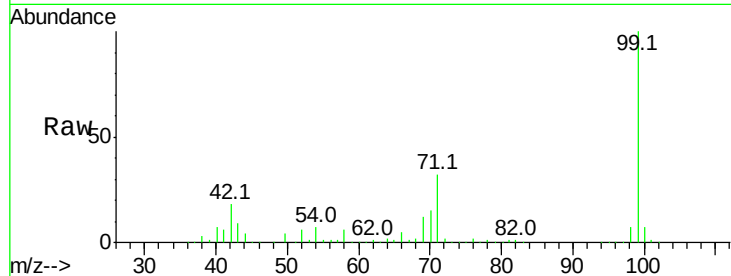
Tot Ion: 99 Resp: 1213305

Ion Ratio Lower Upper

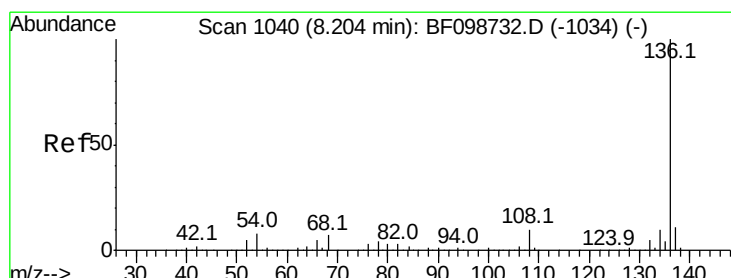
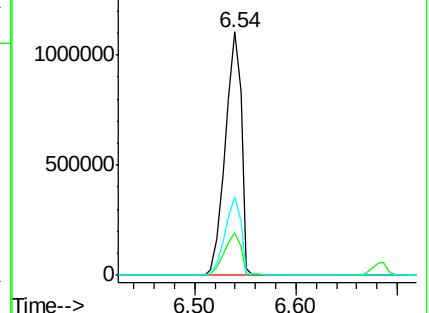
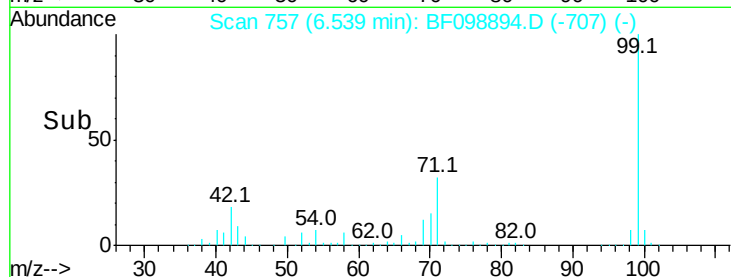
99 100

42 17.7 14.5 21.7

71 32.4 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098894.D

Acq: 28 Sep 2017 7:11

Tgt Ion: 136 Resp: 661674

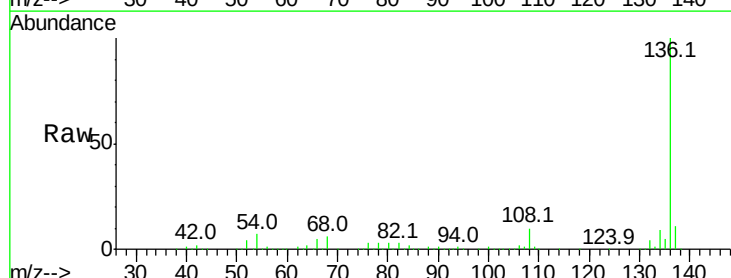
Ion Ratio Lower Upper

136 100

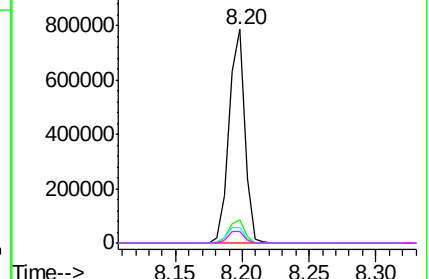
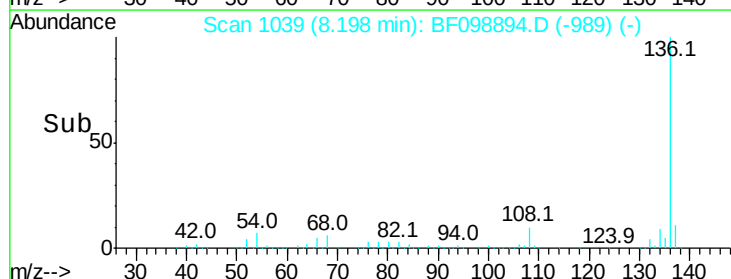
137 11.1 8.9 13.3

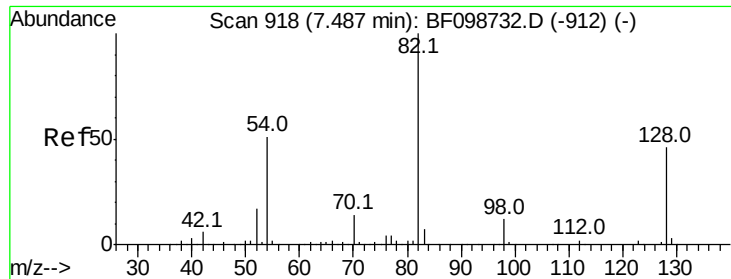
54 7.4 6.6 9.8

68 5.7 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): BF0
Ion 68.00 (67.70 to 68.70): BF0

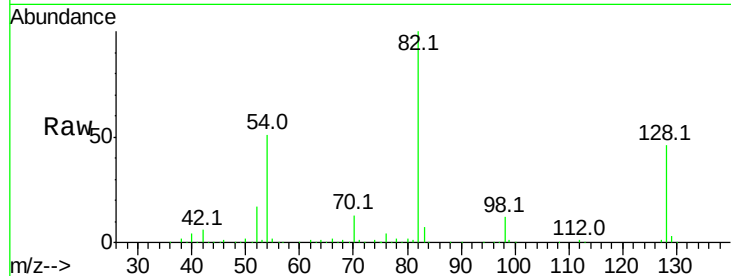




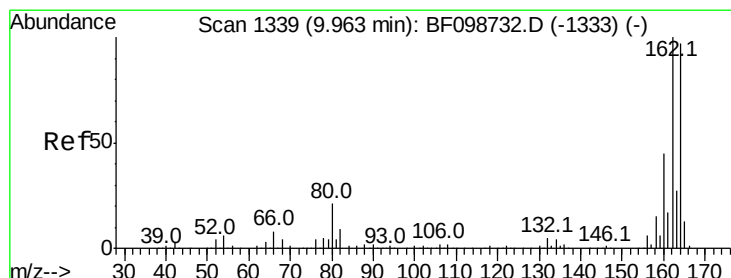
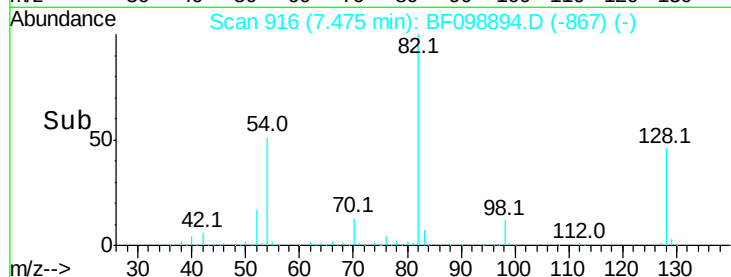
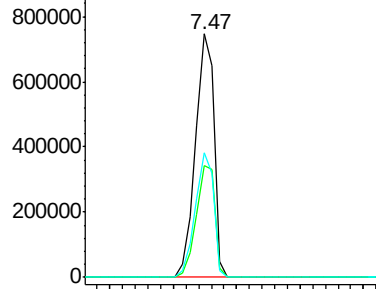
#23
Nitrobenzene-d5
Concen: 73.403 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098894.D
Acq: 28 Sep 2017 7:11

Instrument :
BNA_F
ClientSampled :
B-3

Tot Ion	82	Resp	757350
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	51.1	41.4	62.2

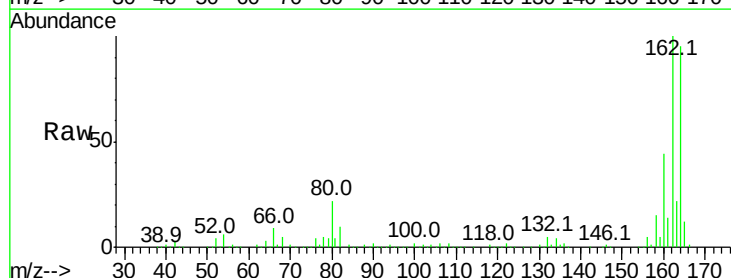


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

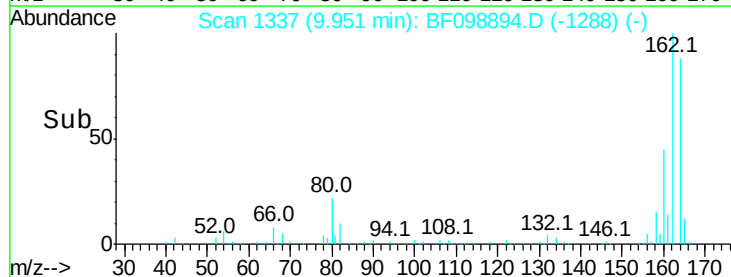
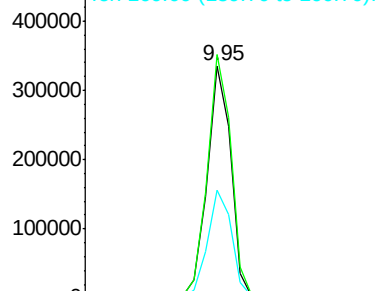


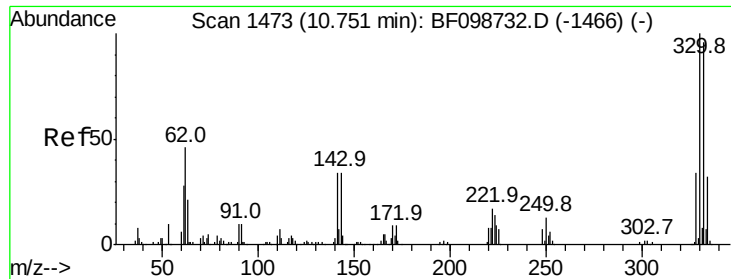
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098894.D
Acq: 28 Sep 2017 7:11

Tgt Ion	164	Resp	281591
Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	46.6	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

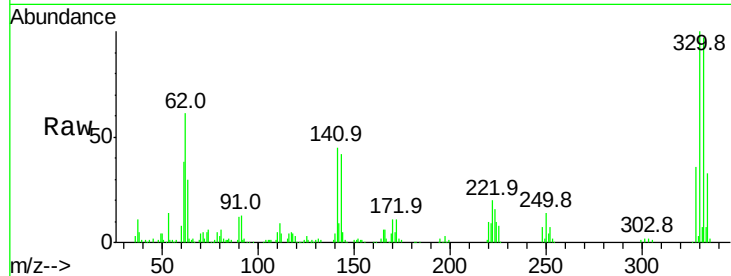




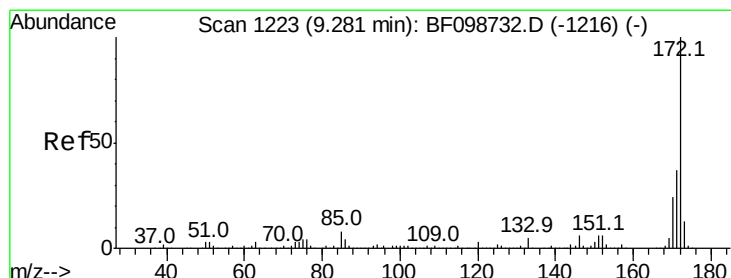
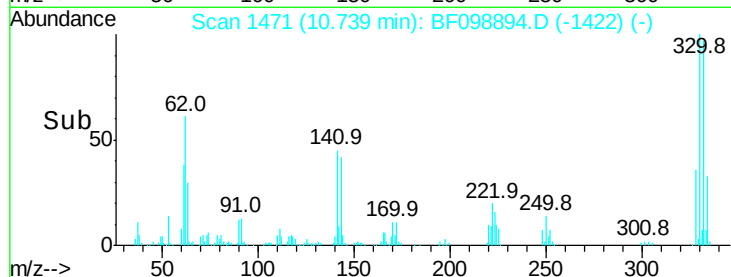
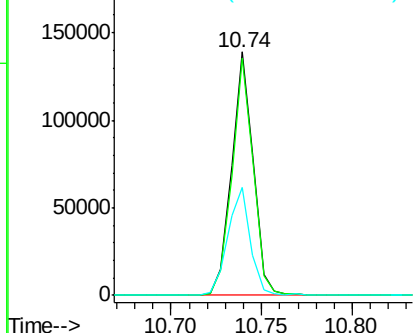
#41
 2,4,6-Tribromophenol
 Concen: 50.281 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098894.D
 Acq: 28 Sep 2017 7:11

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:330 Resp: 115857
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 46.6 29.9 44.9#

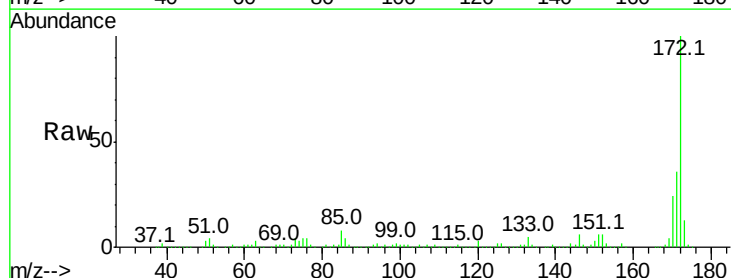


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

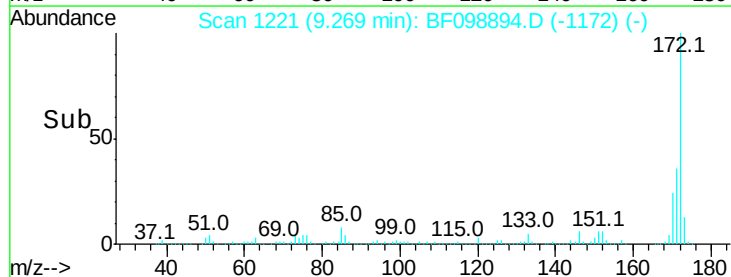
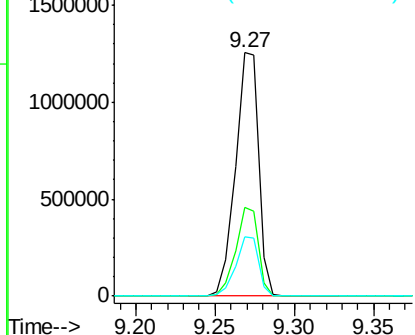


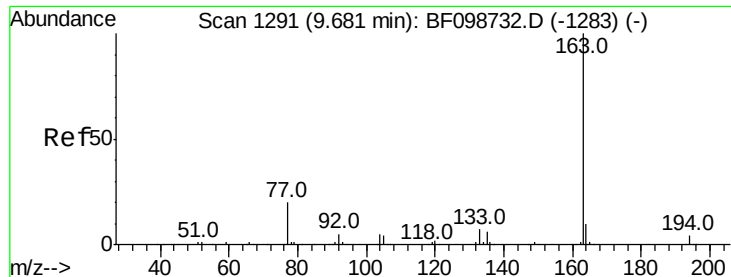
#44
 2-Fluorobiphenyl
 Concen: 75.158 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098894.D
 Acq: 28 Sep 2017 7:11

Tgt Ion:172 Resp: 1267736
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.3 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

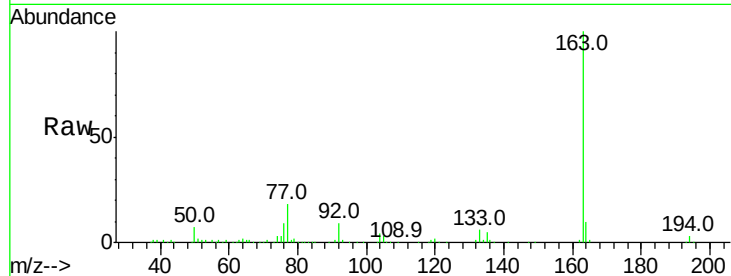




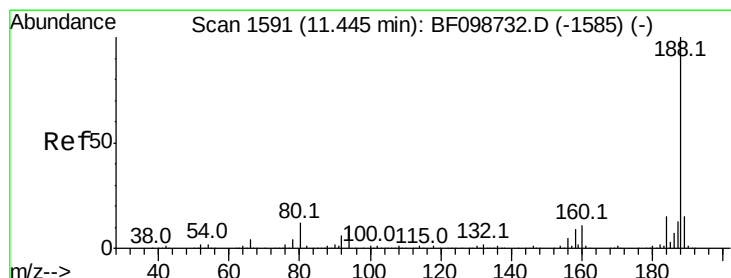
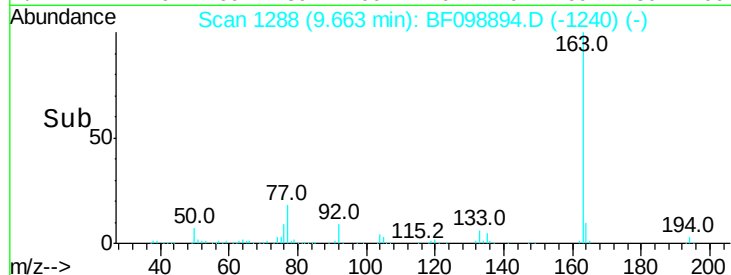
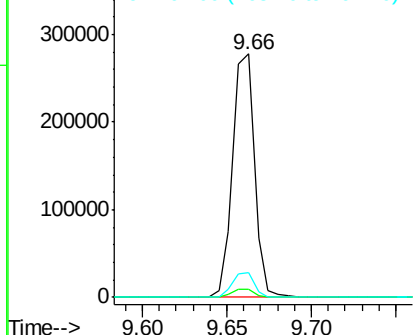
#49
Dimethylphthalate
Concen: 11.782 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098894.D
Acq: 28 Sep 2017 7:11

Instrument :
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Tot Ion:163 Resp: 250409
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.1 8.2 12.2

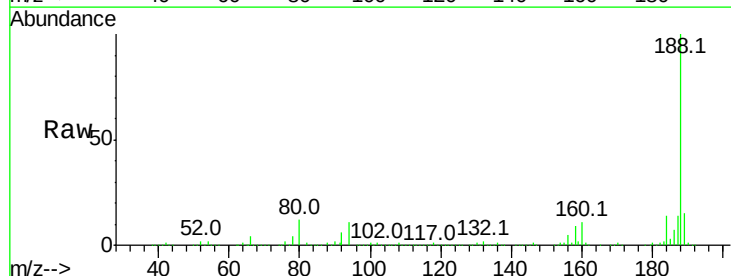


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

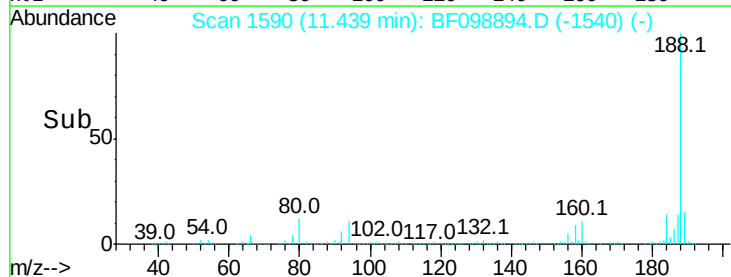
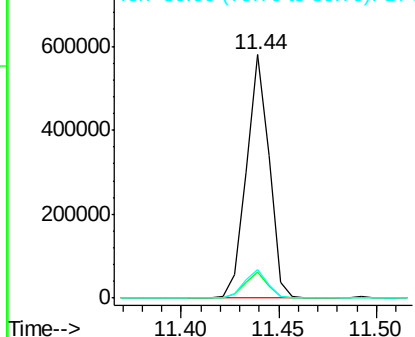


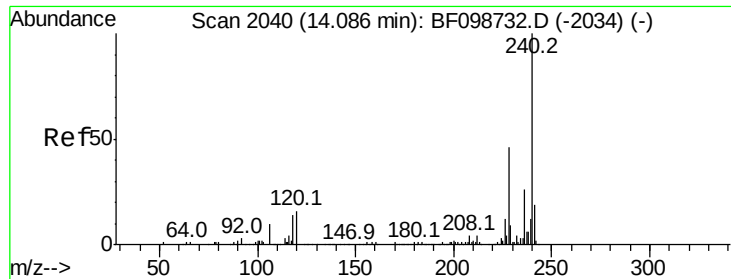
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098894.D
Acq: 28 Sep 2017 7:11

Tgt Ion:188 Resp: 467005
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

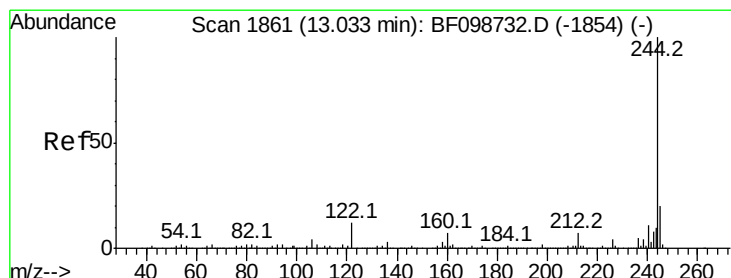
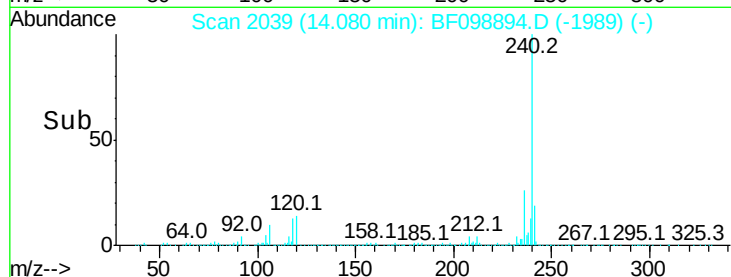
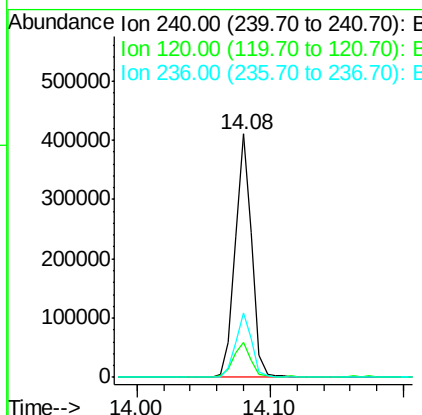
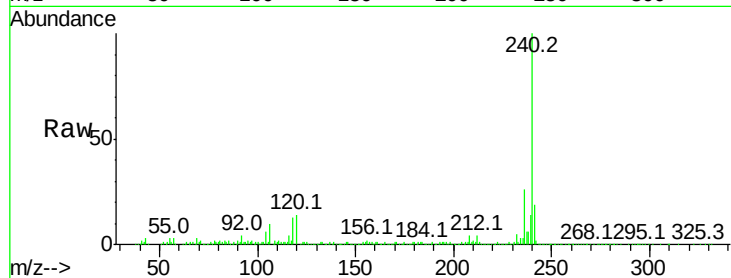




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF098894.D
 Acq: 28 Sep 2017 7:11

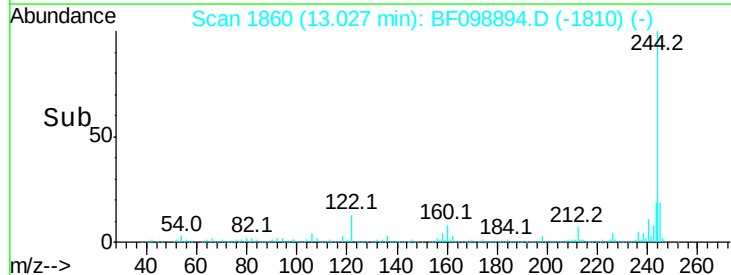
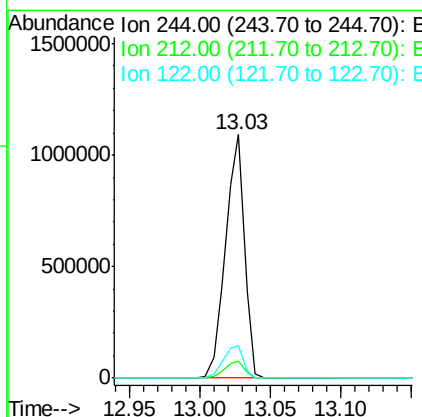
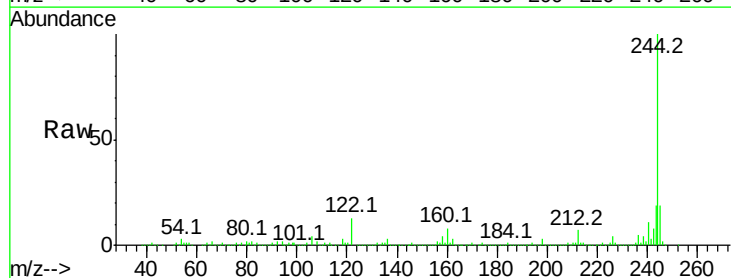
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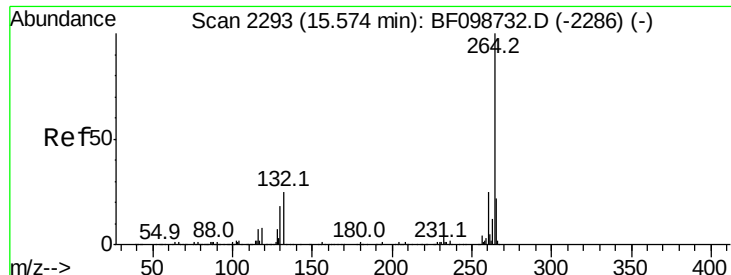
Tot Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	26.3	20.7	31.1



#78
 Terphenyl-d14
 Concen: 64.991 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF098894.D
 Acq: 28 Sep 2017 7:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.2	11.0	16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098894.D
Acq: 28 Sep 2017 7:11

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.5	26.3

