

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098841.D
 Acq On : 26 Sep 2017 19:22
 Operator : SJ/JU
 Sample : I5301-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170605-COMP-B

Quant Time: Sep 27 02:12:33 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

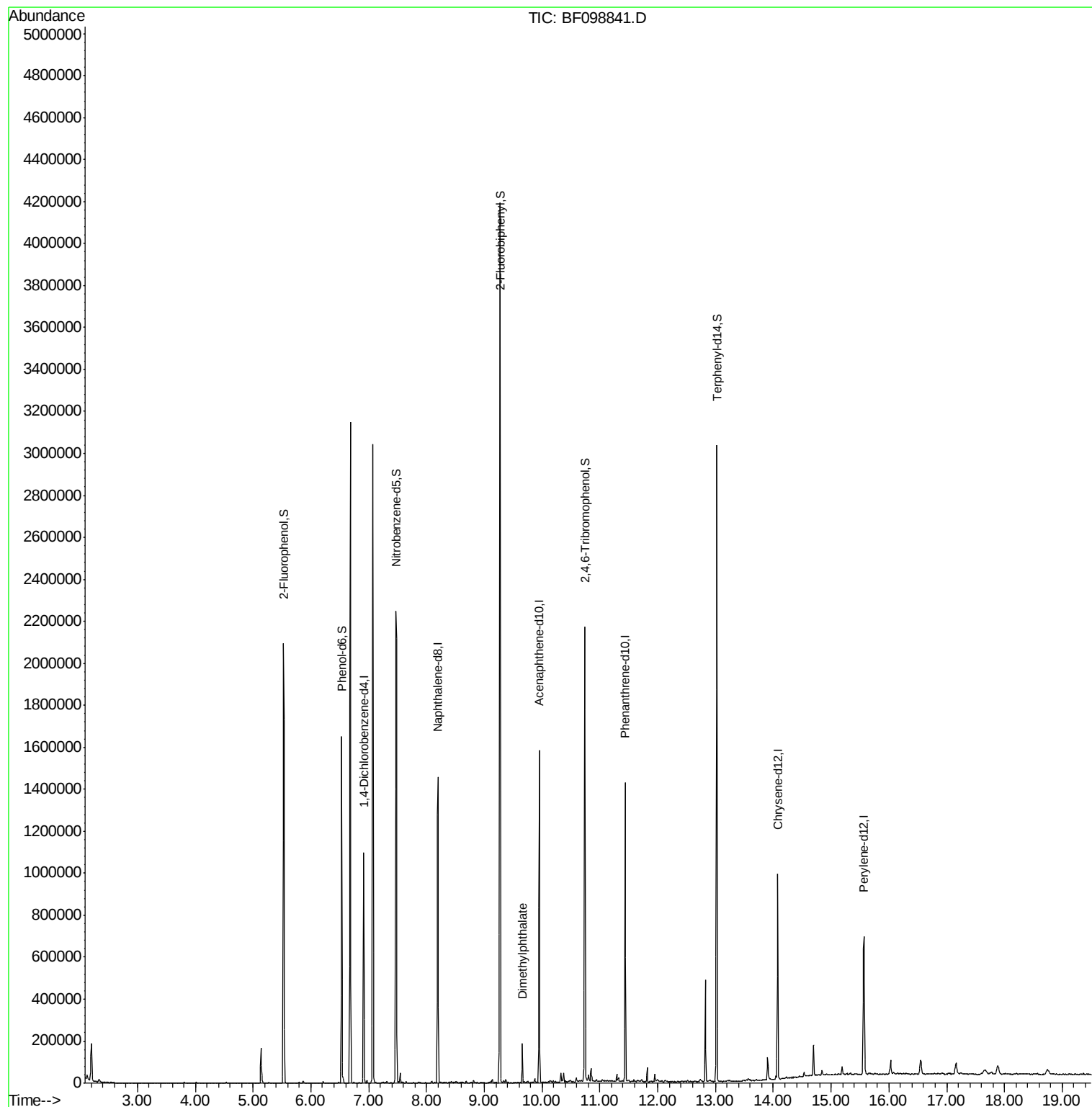
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	154151	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	638592	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	279818	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	453093	20.00	ng	0.00
75) Chrysene-d12	14.07	240	293568	20.00	ng	-0.01
86) Perylene-d12	15.57	264	279837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	597561	61.71	ng	-0.01
7) Phenol-d6	6.53	99	493618	41.32	ng	-0.01
23) Nitrobenzene-d5	7.47	82	827002	83.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	254563	111.18	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1445072	86.21	ng	0.00
78) Terphenyl-d14	13.02	244	956265	74.08	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.66	163	63878	3.025	ng	99

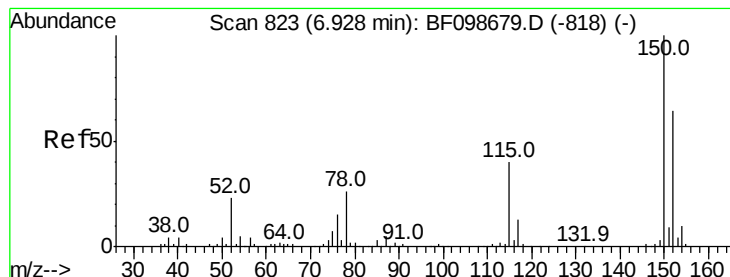
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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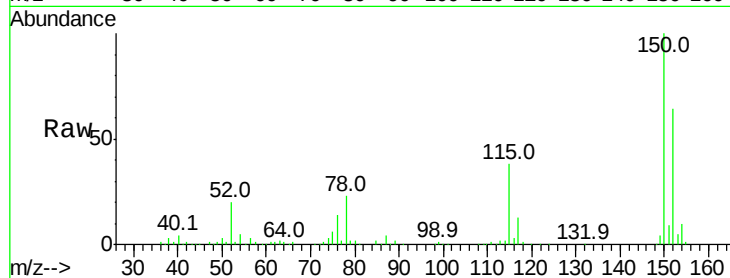


#1

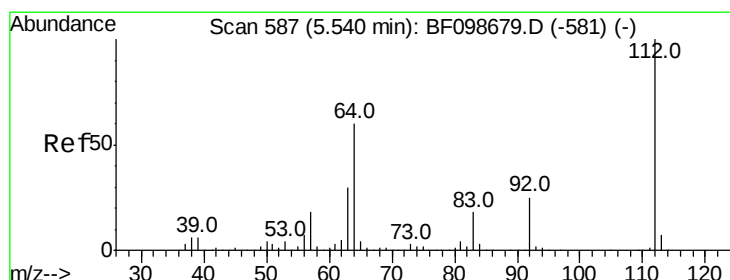
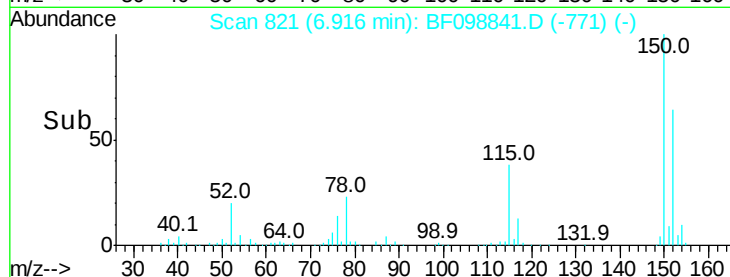
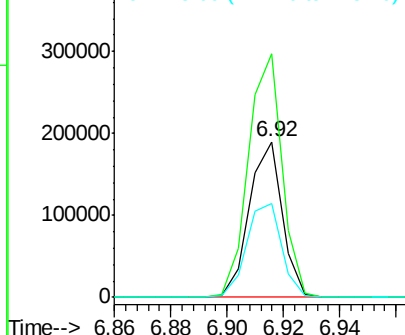
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098841.D
Acq: 26 Sep 2017 19:22

Instrument :
BNA_F
ClientSampleId :
20170605-COMP-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	60.0	50.1	75.1



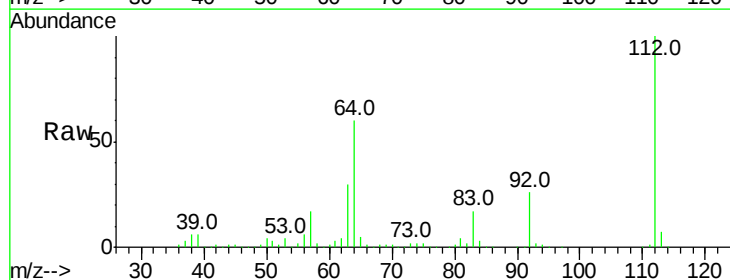
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



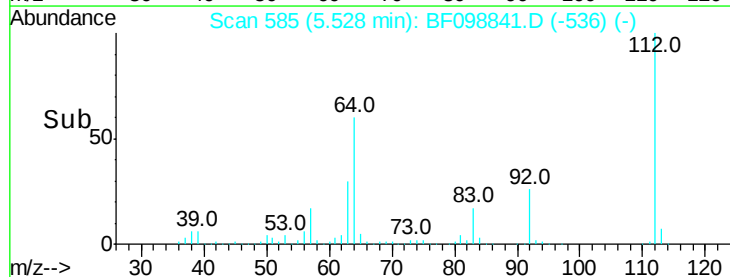
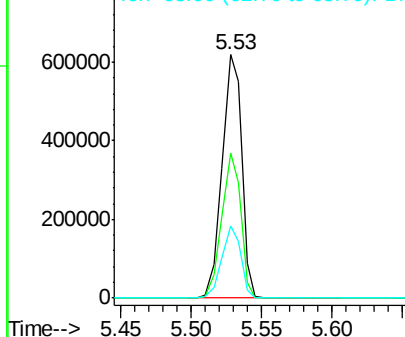
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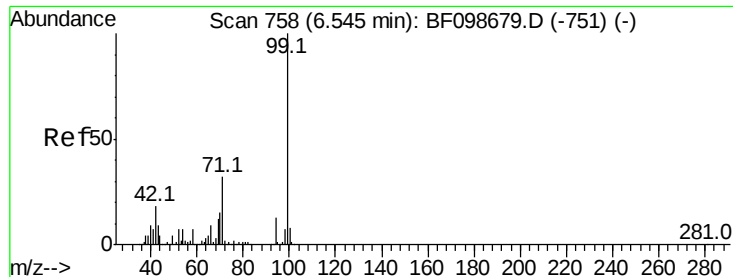
2-Fluorophenol
Concen: 61.709 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098841.D
Acq: 26 Sep 2017 19:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	29.5	23.7	35.5



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: 41.322 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098841.D

Acq: 26 Sep 2017 19:22

Instrument :

BNA_F

ClientSampleId :

20170605-COMP-B

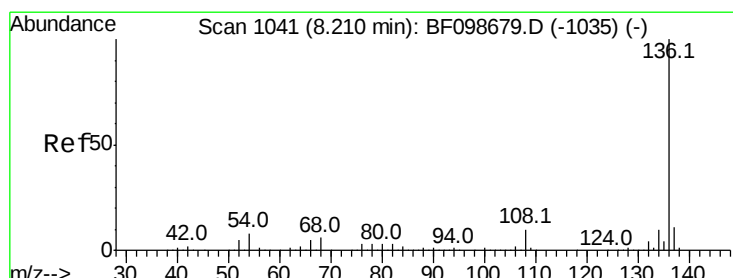
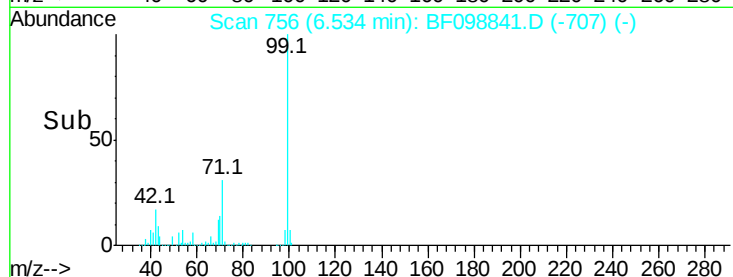
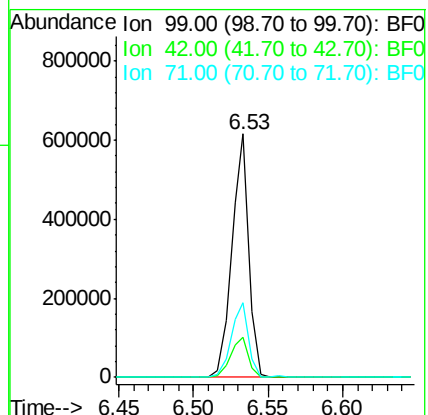
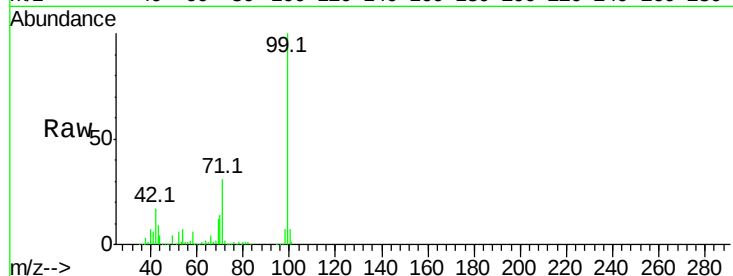
Tot Ion: 99 Resp: 493618

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

71 30.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098841.D

Acq: 26 Sep 2017 19:22

Tgt Ion: 136 Resp: 638592

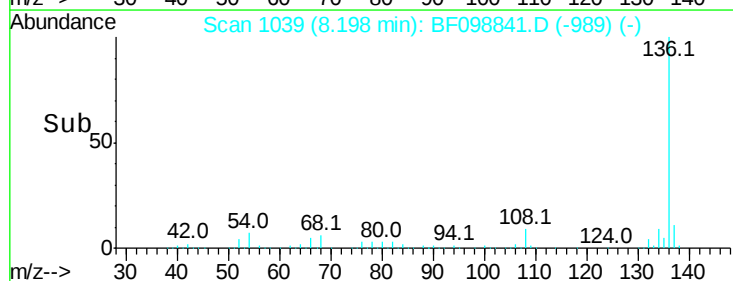
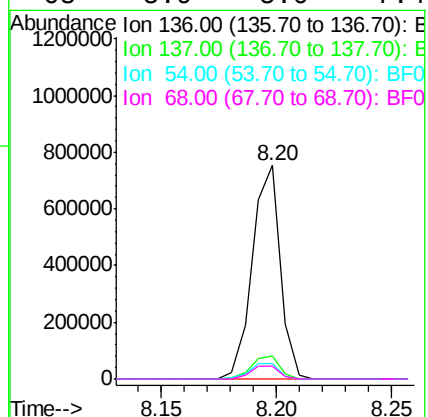
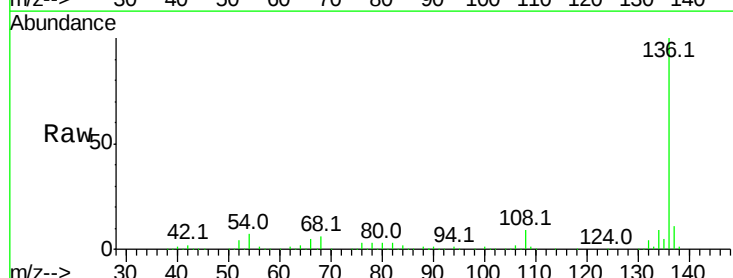
Ion Ratio Lower Upper

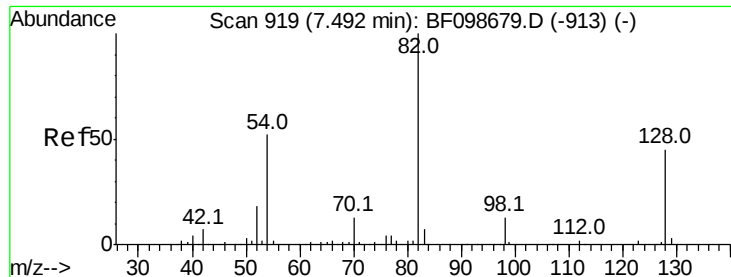
136 100

137 10.7 8.9 13.3

54 7.1 6.6 9.8

68 5.9 5.0 7.4

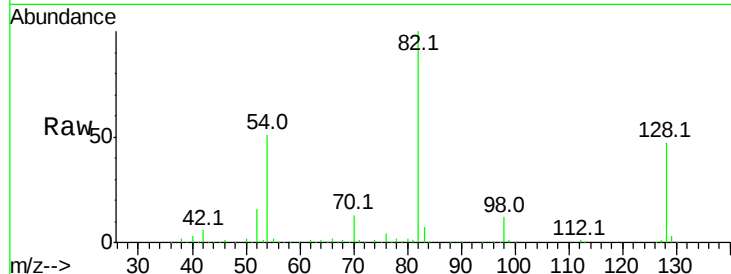




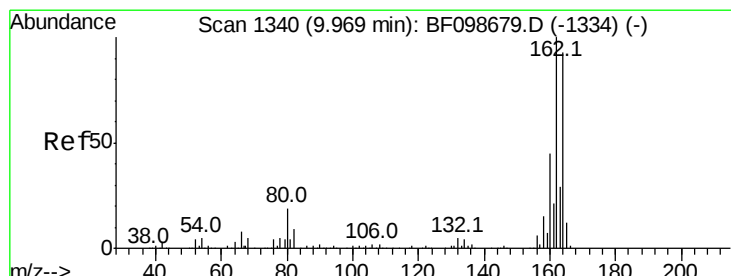
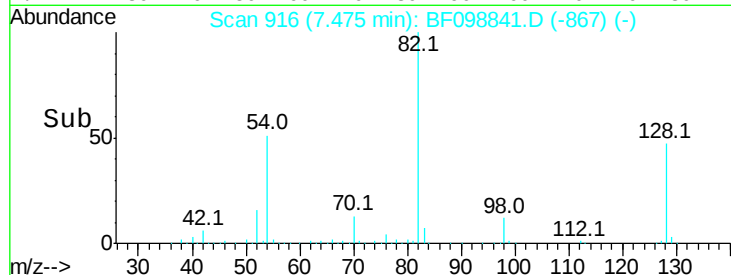
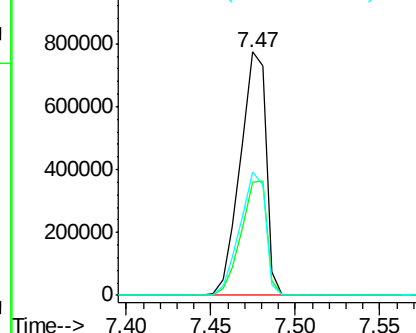
#23
 Nitrobenzene-d5
 Concen: 83.051 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098841.D
 Acq: 26 Sep 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 20170605-COMP-B

Tot Ion: 82 Resp: 827002
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.1 54.1
 54 50.5 41.4 62.2

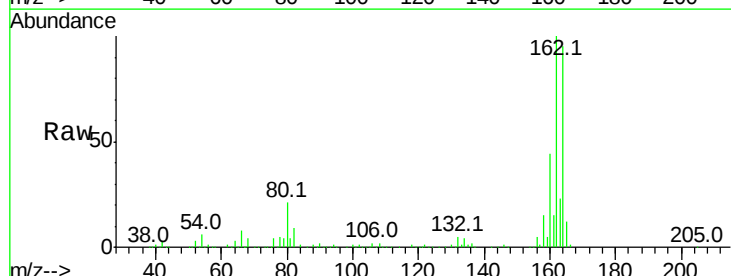


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

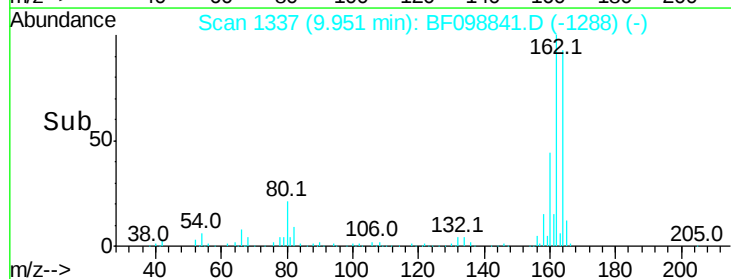
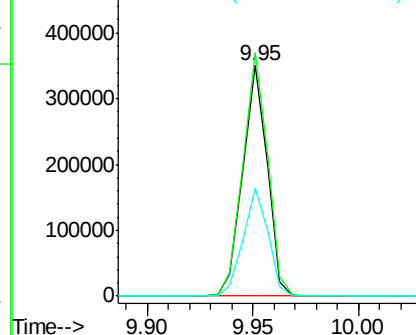


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098841.D
 Acq: 26 Sep 2017 19:22

Tgt Ion: 164 Resp: 279818
 Ion Ratio Lower Upper
 164 100
 162 105.6 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

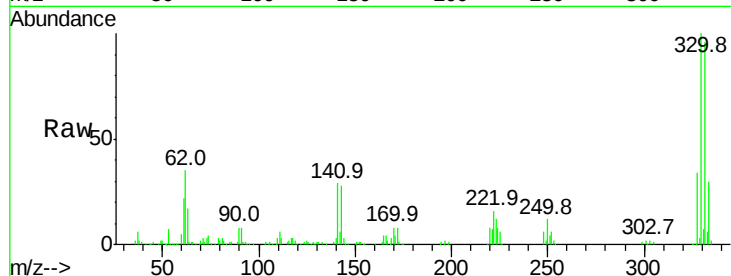




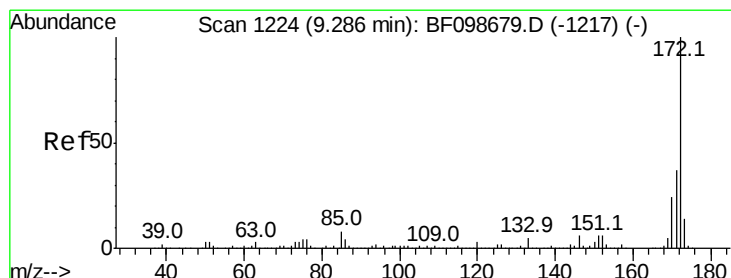
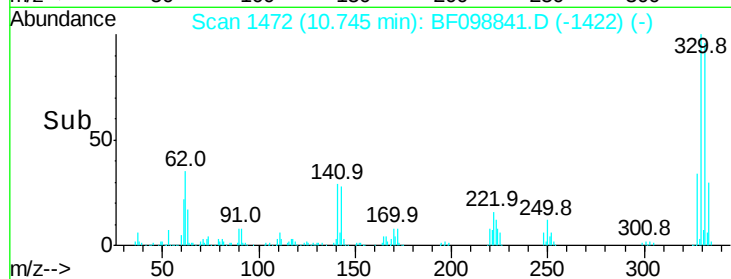
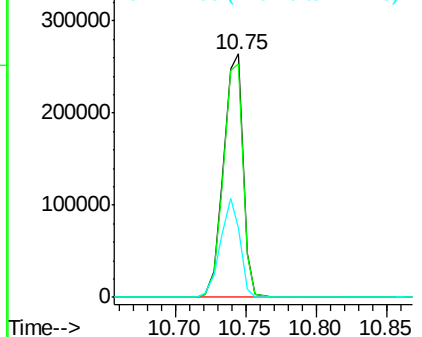
#41
 2,4,6-Tribromophenol
 Concen: 111.179 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098841.D
 Acq: 26 Sep 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 20170605-COMP-B

Tot Ion:330 Resp: 254563
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 40.2 29.9 44.9

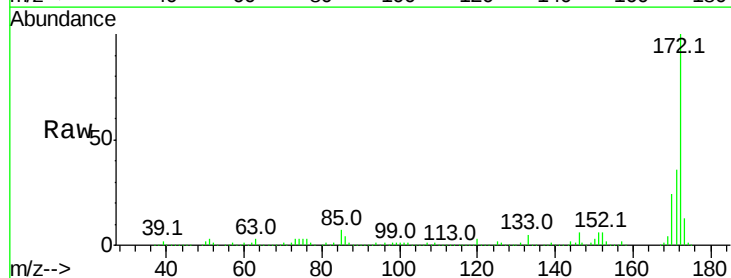


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

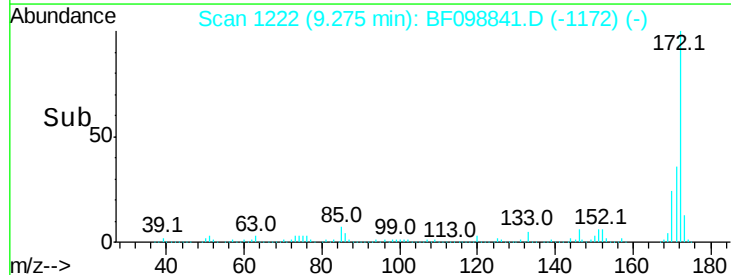
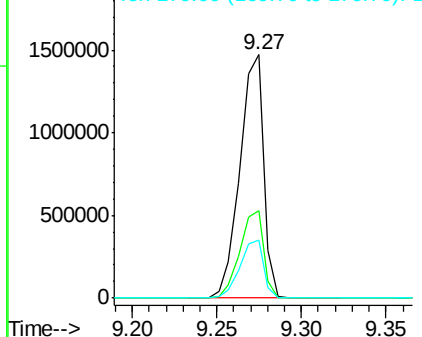


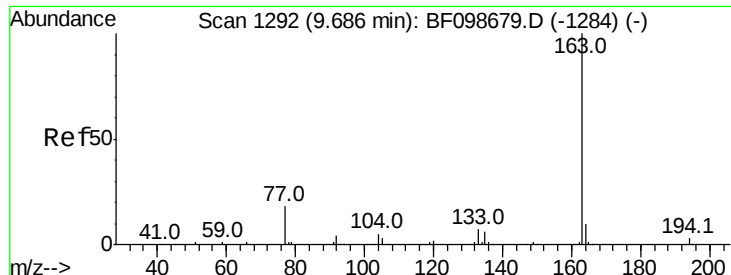
#44
 2-Fluorobiphenyl
 Concen: 86.214 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098841.D
 Acq: 26 Sep 2017 19:22

Tgt Ion:172 Resp: 1445072
 Ion Ratio Lower Upper
 172 100
 171 36.1 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

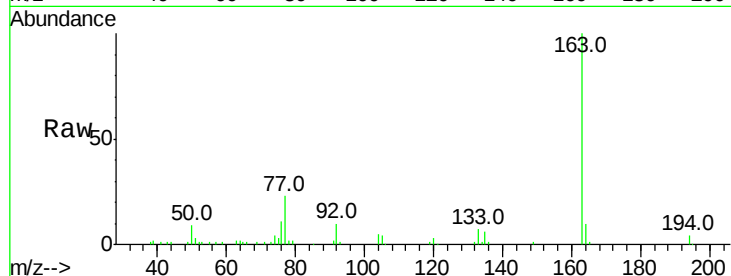




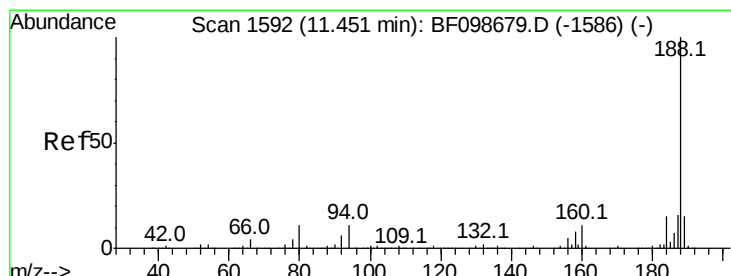
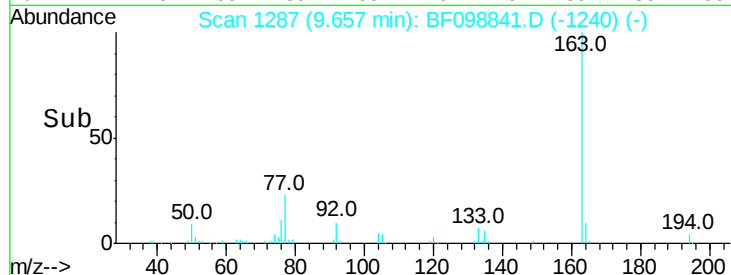
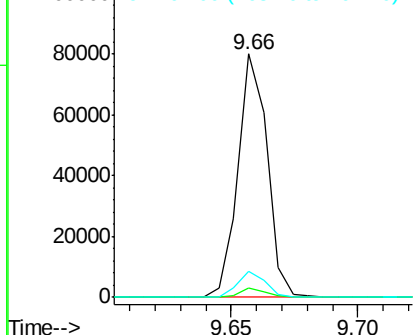
#49
 Dimethylphthalate
 Concen: 3.025 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF098841.D
 Acq: 26 Sep 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 20170605-COMP-B

Tot Ion:163 Resp: 63878
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 10.5 8.2 12.2

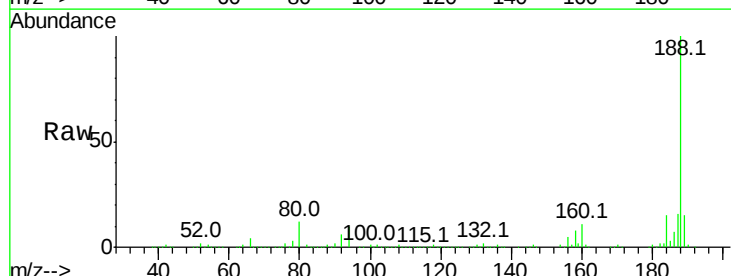


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

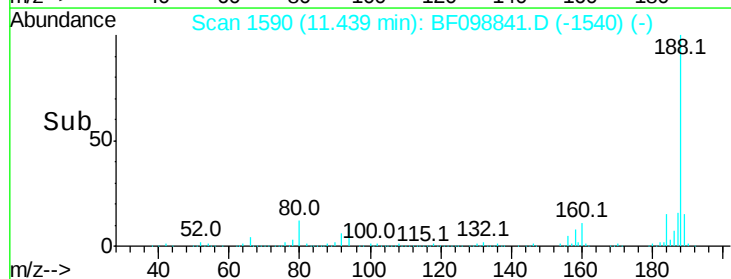
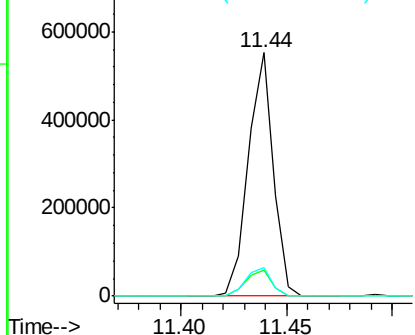


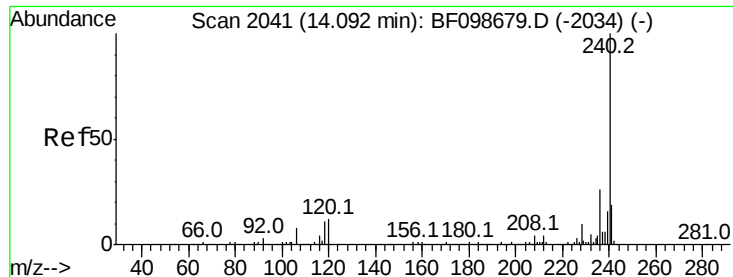
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098841.D
 Acq: 26 Sep 2017 19:22

Tgt Ion:188 Resp: 453093
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 11.8 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: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098841.D

Acq: 26 Sep 2017 19:22

Instrument :

BNA_F

ClientSampleId :

20170605-COMP-B

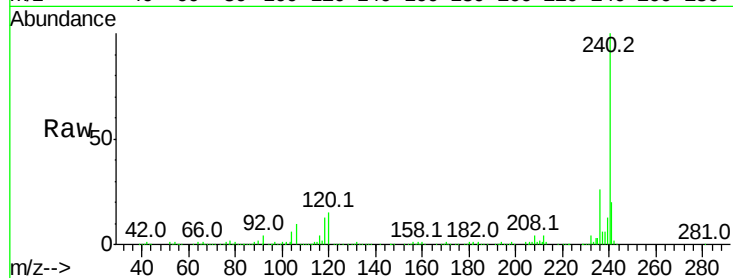
Tot Ion:240 Resp: 293568

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

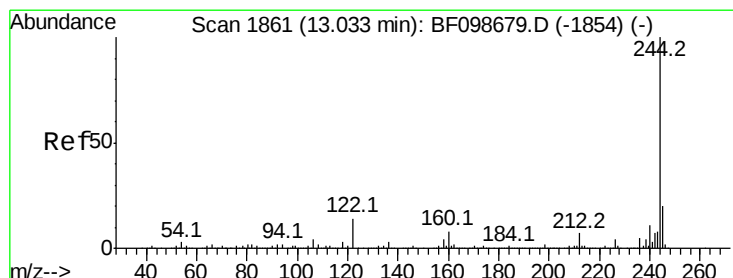
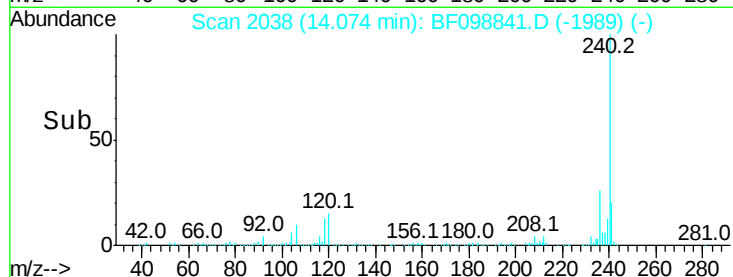
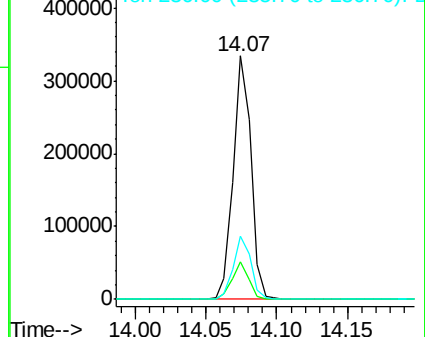
236 26.1 20.7 31.1



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: 74.080 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098841.D

Acq: 26 Sep 2017 19:22

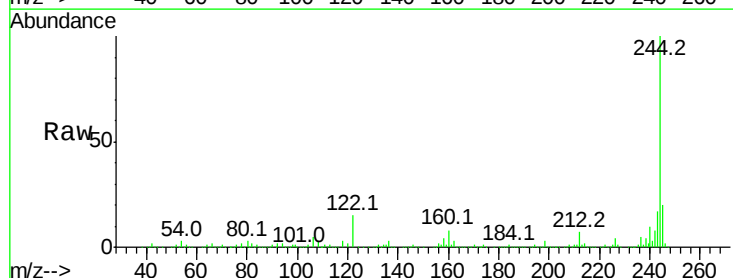
Tgt Ion:244 Resp: 956265

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

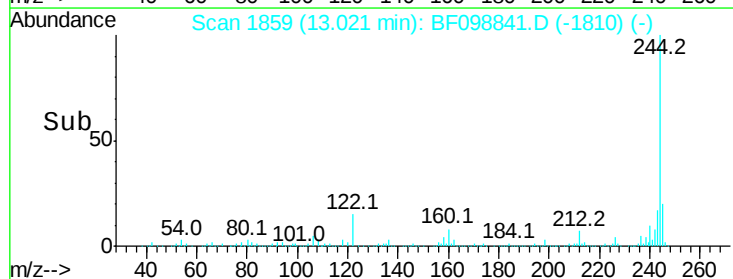
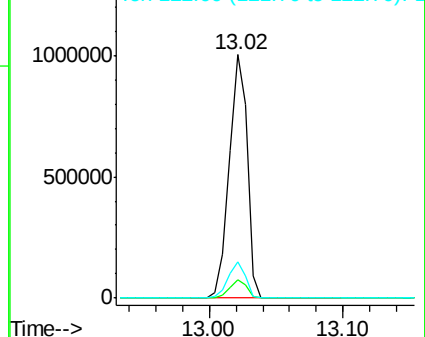
122 14.8 11.0 16.4

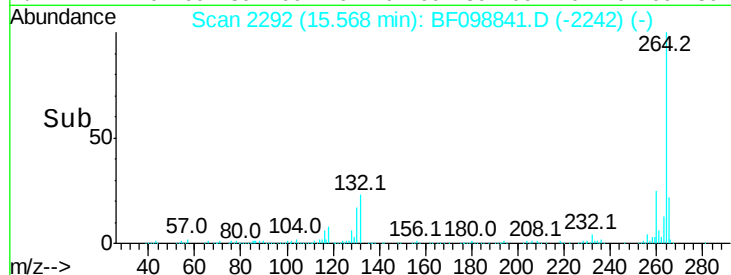
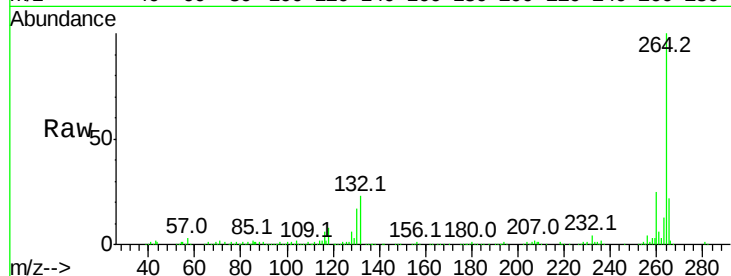
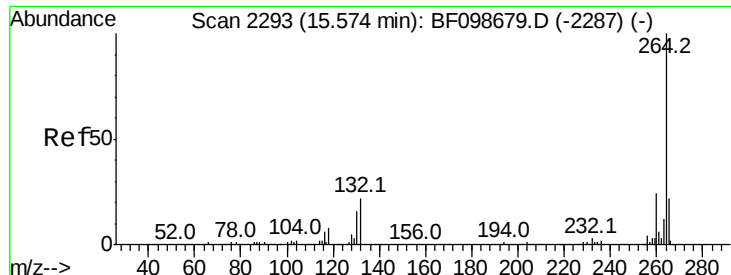


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098841.D
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Instrument :
BNA_F
ClientSampleId :
20170605-COMP-B

Tot Ion:	264	Resp:	279837
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.2	17.5	26.3

