

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098935.D
 Acq On : 29 Sep 2017 4:32
 Operator : SJ/JU
 Sample : I5485-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALDWICK-SWITCH

Quant Time: Sep 29 05:02:51 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

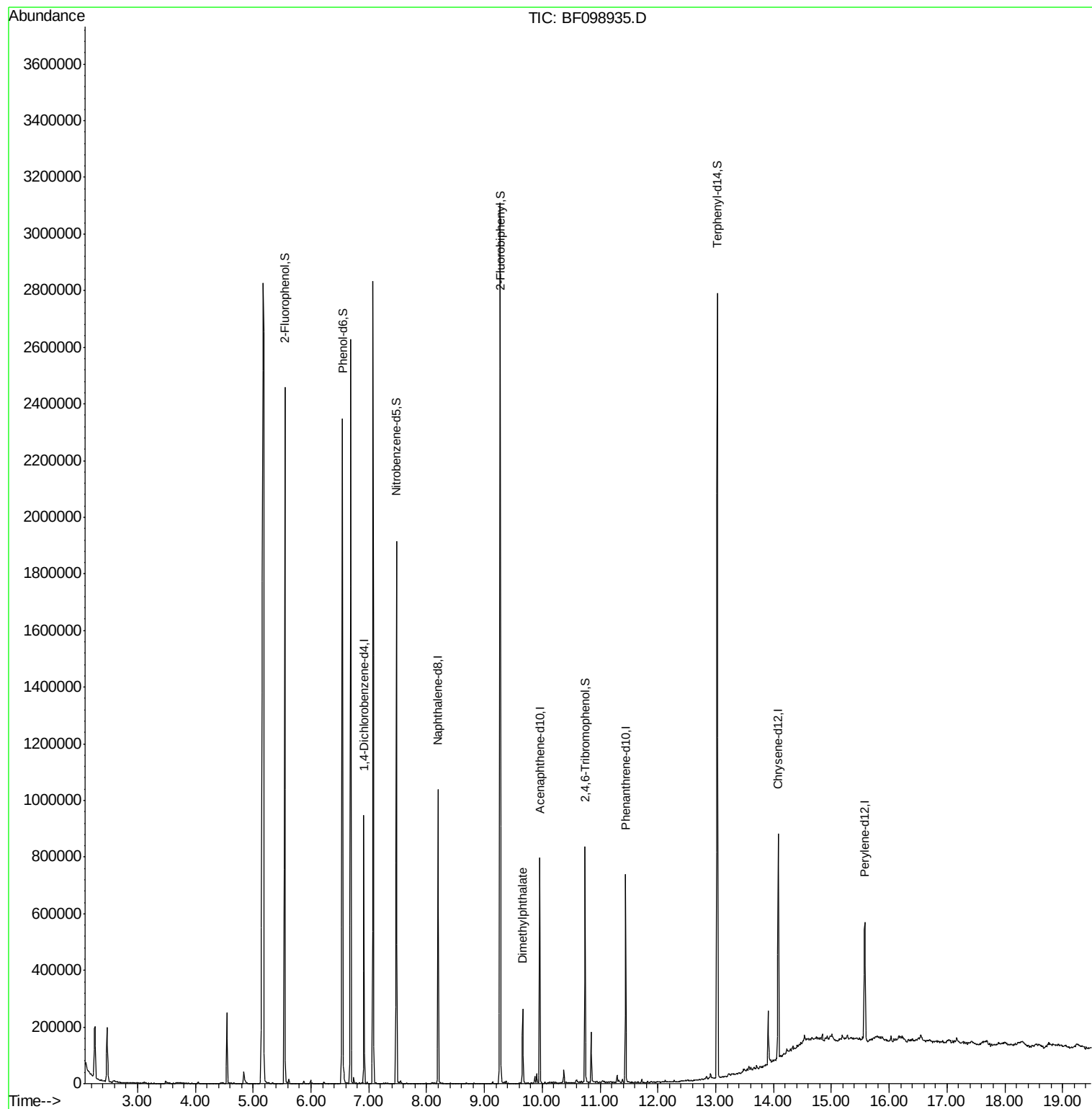
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	125581	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	444153	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	155783	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	263156	20.00	ng	0.00
75) Chrysene-d12	14.08	240	259288	20.00	ng	0.00
86) Perylene-d12	15.58	264	184748	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	668449	84.73	ng	0.00
7) Phenol-d6	6.55	99	906494	93.15	ng	0.00
23) Nitrobenzene-d5	7.48	82	615490	88.87	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	77513	60.81	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	955693	102.41	ng	0.00
78) Terphenyl-d14	13.03	244	820905	72.00	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.66	163	95881	8.155	ng	Qvalue 99

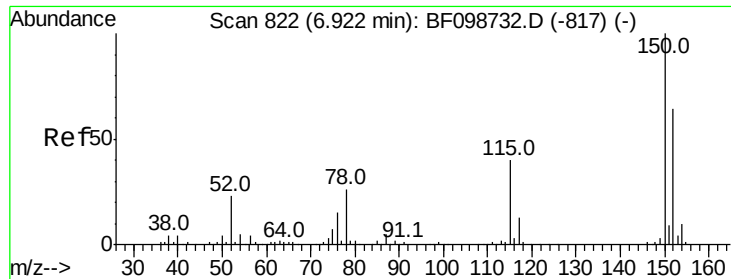
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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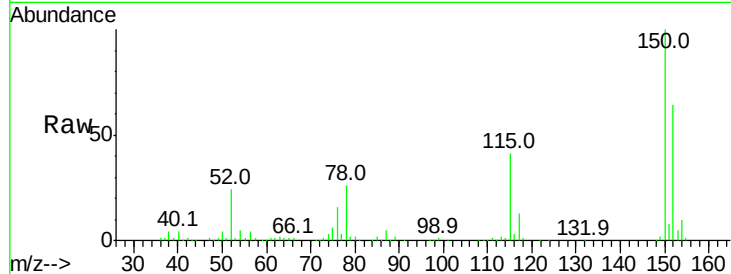


#1

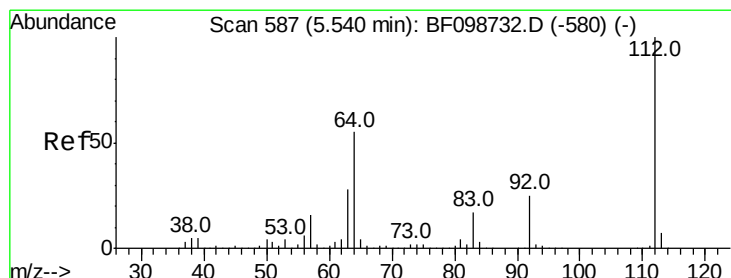
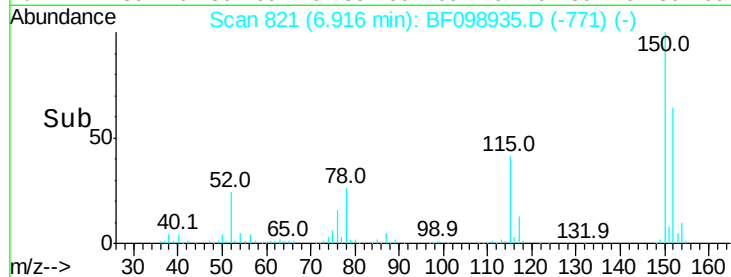
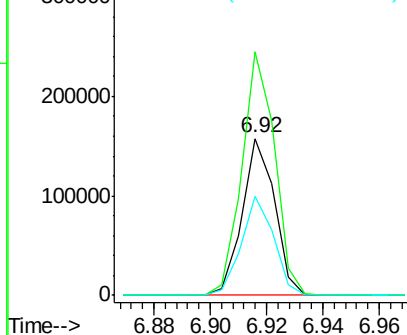
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098935.D
Acq: 29 Sep 2017 4:32

Instrument :
BNA_F
ClientSampleId :
WALDWICK-SWITCH

Tot Ion:152 Resp: 125581
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 63.1 50.1 75.1



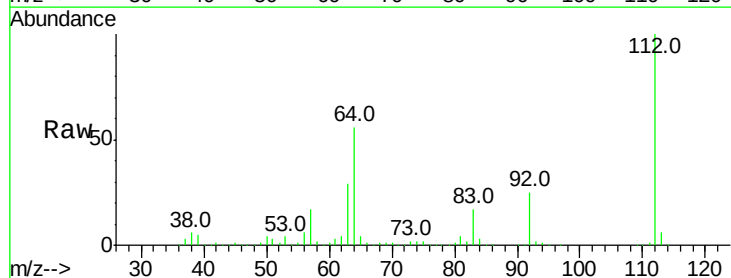
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



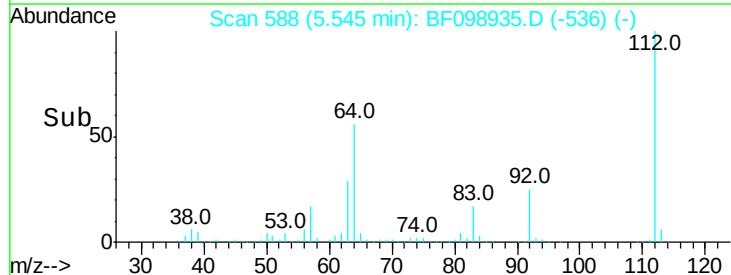
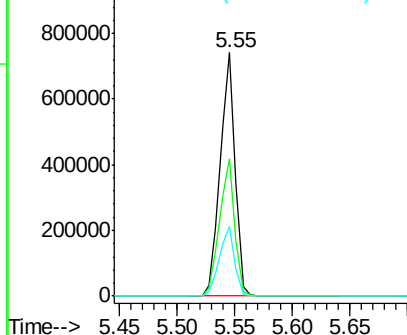
#5

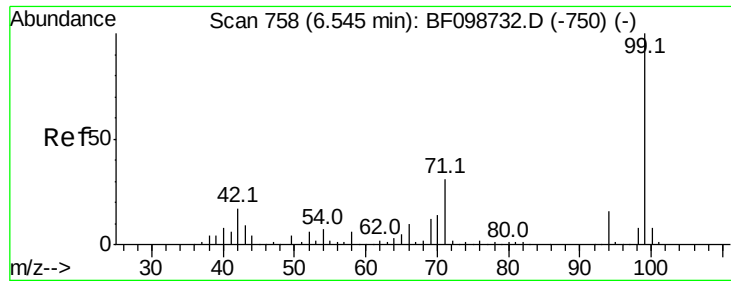
2-Fluorophenol
Concen: 84.735 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098935.D
Acq: 29 Sep 2017 4:32

Tgt Ion:112 Resp: 668449
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 28.7 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: 93.149 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098935.D

Acq: 29 Sep 2017 4:32

Instrument :

BNA_F

ClientSampleId :

WALDWICK-SWITCH

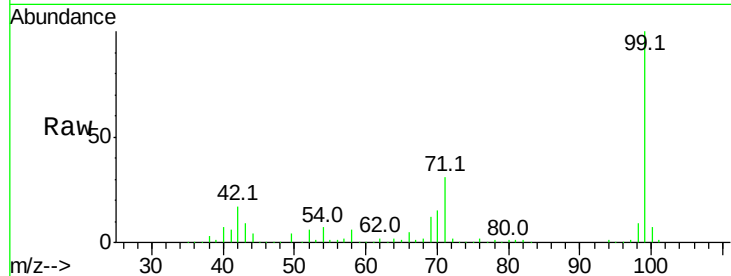
Tot Ion: 99 Resp: 906494

Ion Ratio Lower Upper

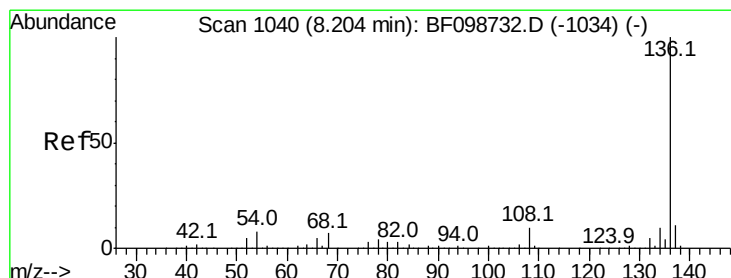
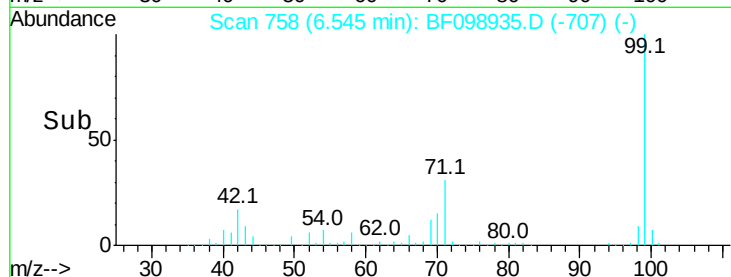
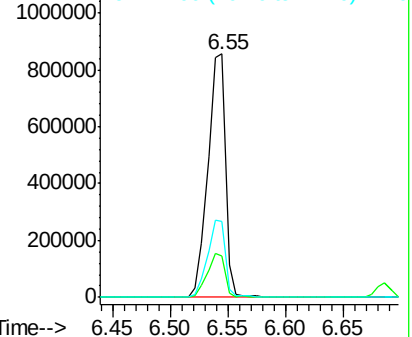
99 100

42 16.9 14.5 21.7

71 31.2 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: BF098935.D

Acq: 29 Sep 2017 4:32

Tgt Ion: 136 Resp: 444153

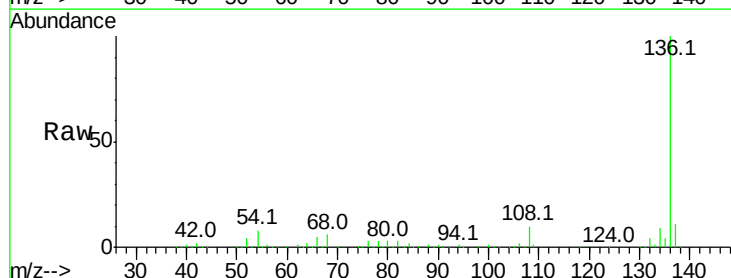
Ion Ratio Lower Upper

136 100

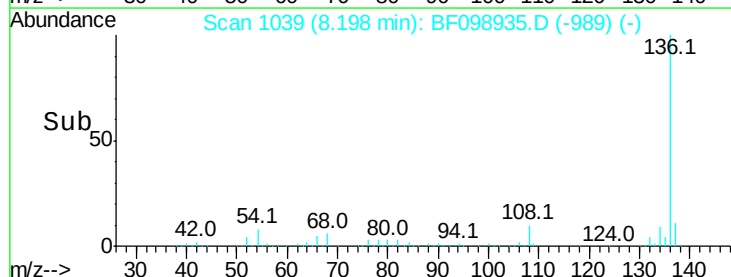
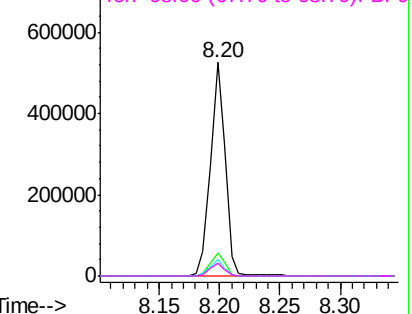
137 10.8 8.9 13.3

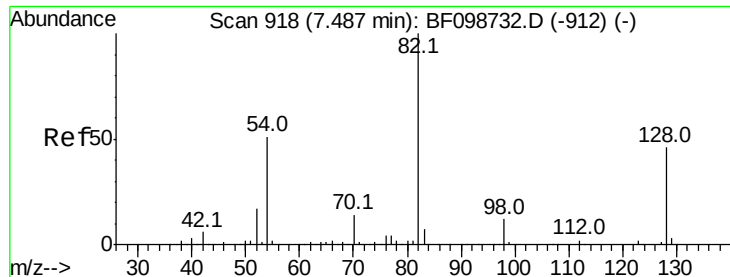
54 7.9 6.6 9.8

68 6.0 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: 88.869 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF098935.D

Acq: 29 Sep 2017 4:32

Instrument :

BNA_F

ClientSampleId :

WALDWICK-SWITCH

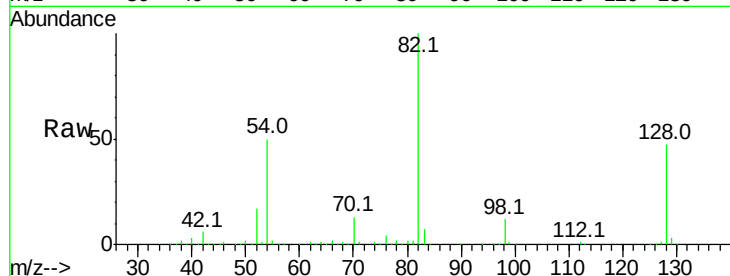
Tot Ion: 82 Resp: 615490

Ion Ratio Lower Upper

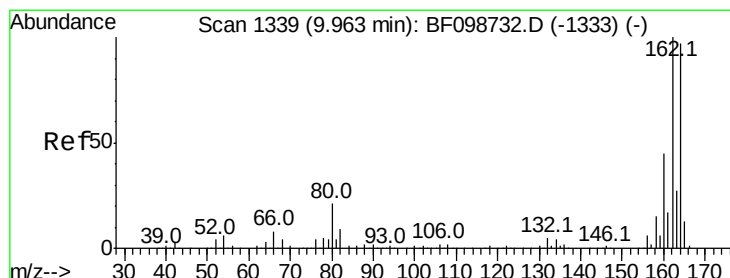
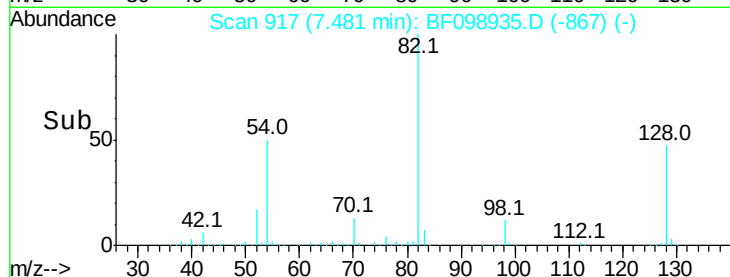
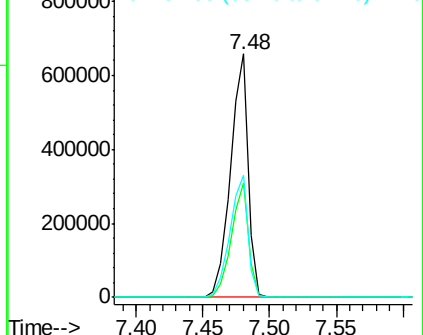
82 100

128 47.0 36.1 54.1

54 50.0 41.4 62.2



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: 20.000 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF098935.D

Acq: 29 Sep 2017 4:32

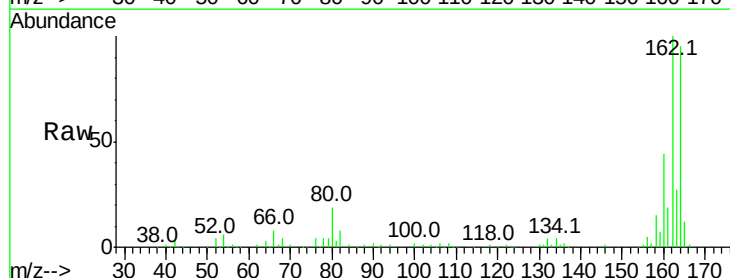
Tgt Ion:164 Resp: 155783

Ion Ratio Lower Upper

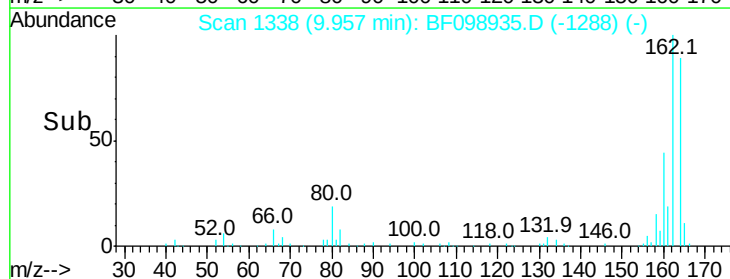
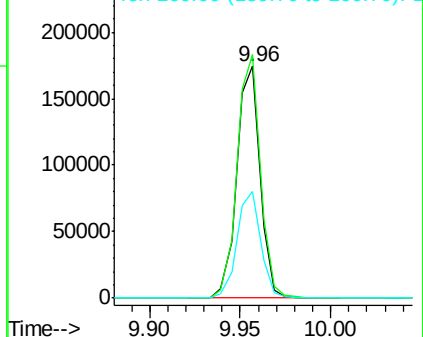
164 100

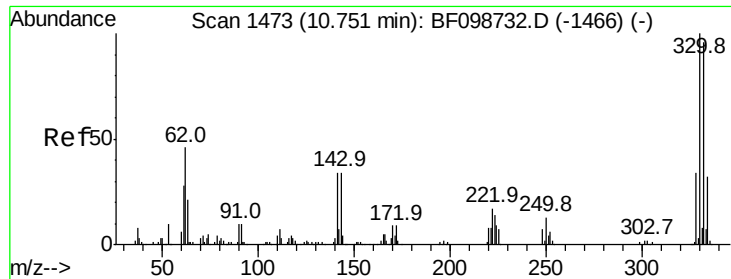
162 105.1 86.1 129.1

160 46.3 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

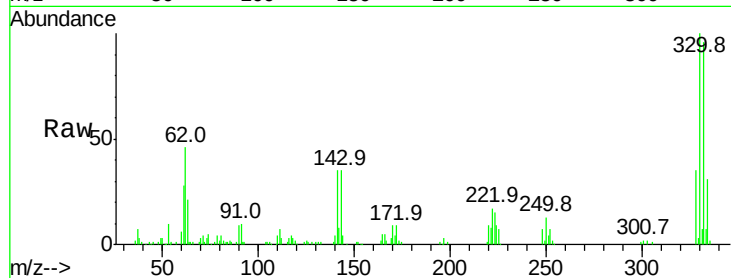




#41
 2,4,6-Tribromophenol
 Concen: 60.808 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098935.D
 Acq: 29 Sep 2017 4:32

Instrument :
 BNA_F
 ClientSampleId :
 WALDWICK-SWICH

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	48.6	29.9	44.9#

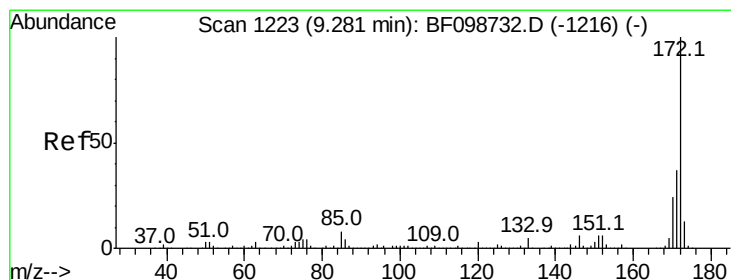
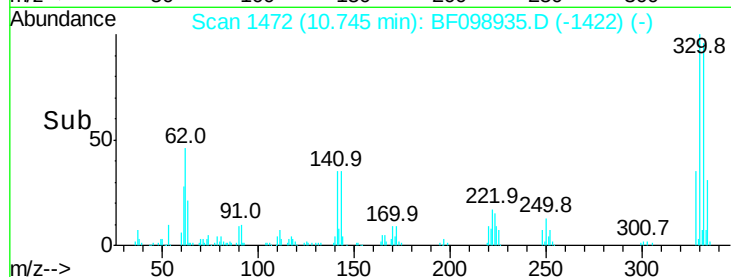
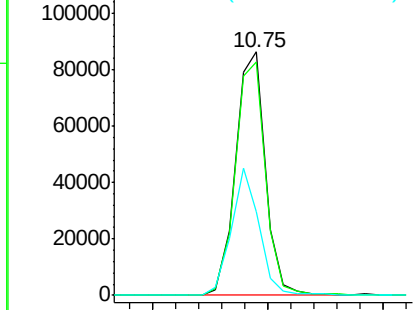


Abundance

Ion 329.80 (329.50 to 330.50): E

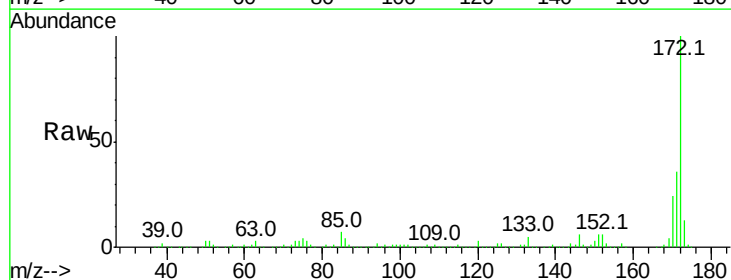
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 102.415 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098935.D
 Acq: 29 Sep 2017 4:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4

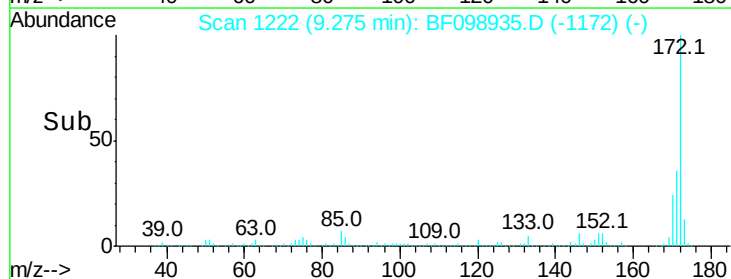
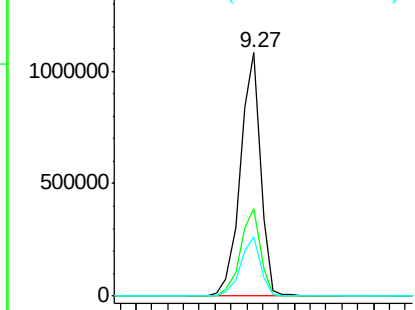


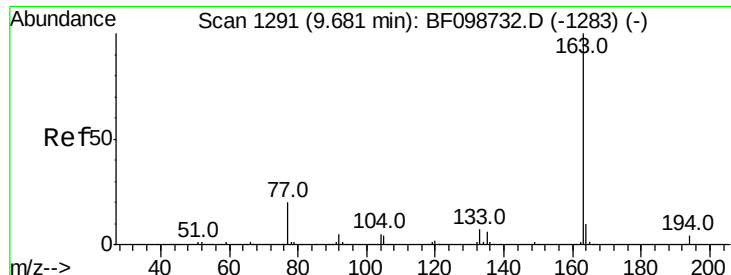
Abundance

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

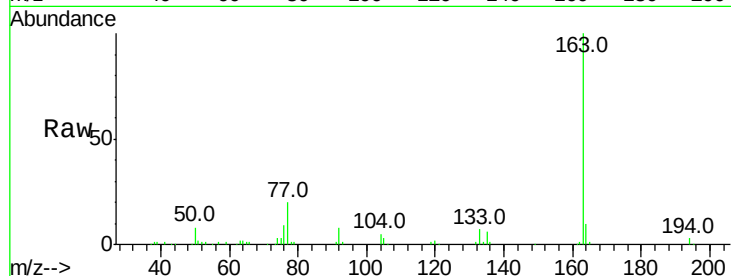




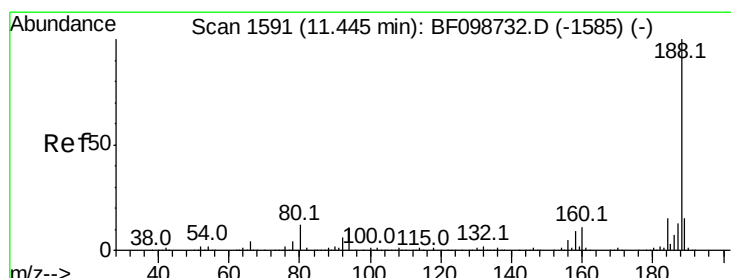
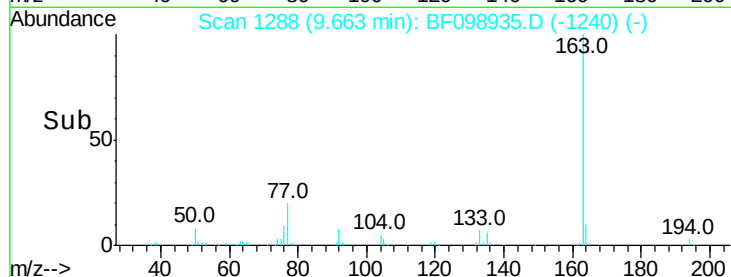
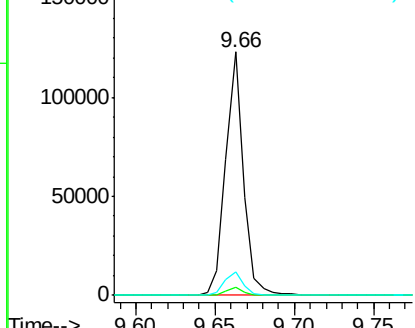
#49
Dimethylphthalate
Concen: 8.155 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098935.D
Acq: 29 Sep 2017 4:32

Instrument :
BNA_F
ClientSampleId :
WALDWICK-SWITCH

Tot Ion:163 Resp: 95881
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 9.9 8.2 12.2

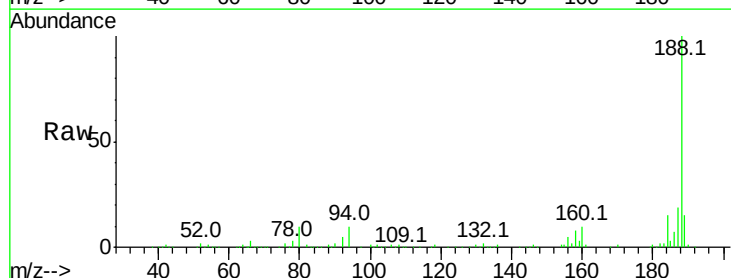


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

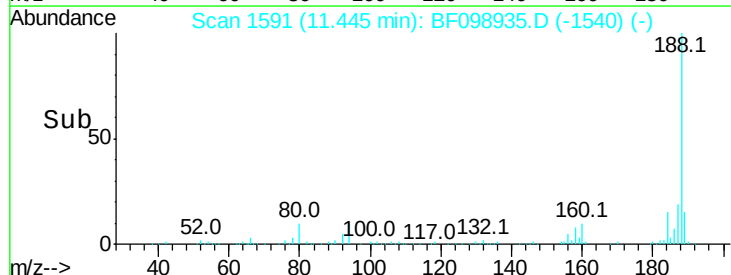
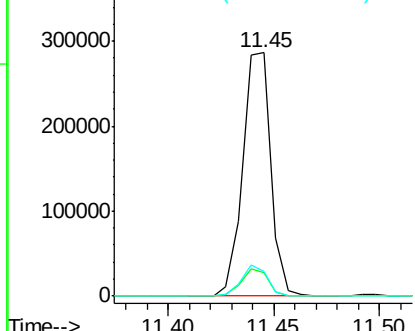


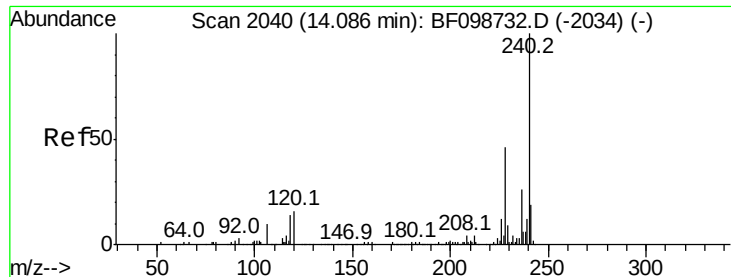
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF098935.D
Acq: 29 Sep 2017 4:32

Tgt Ion:188 Resp: 263156
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.4 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: BF098935.D

Acq: 29 Sep 2017 4:32

Instrument :

BNA_F

ClientSampleId :

WALDWICK-SWITCH

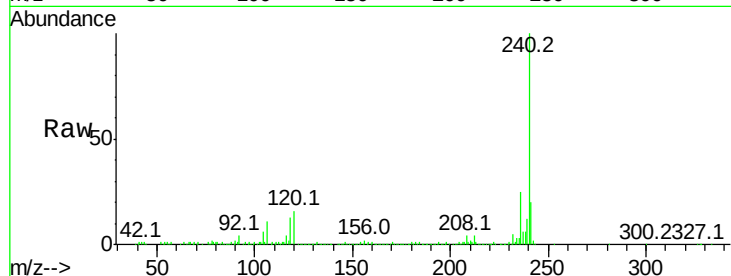
Tot Ion:240 Resp: 259288

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

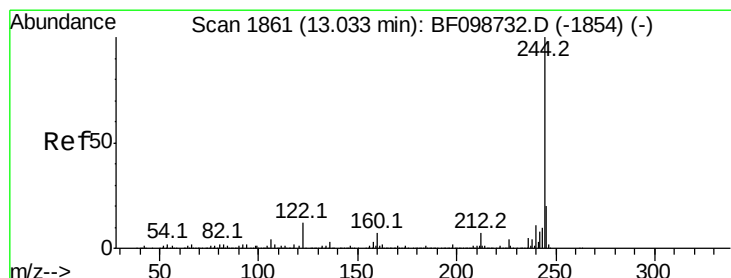
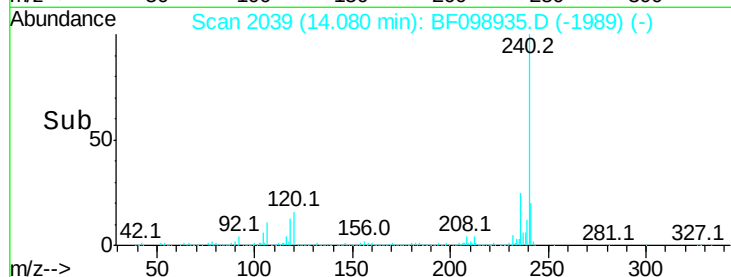
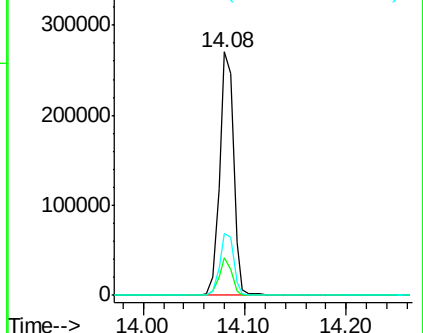
236 25.5 20.7 31.1



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: 72.001 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098935.D

Acq: 29 Sep 2017 4:32

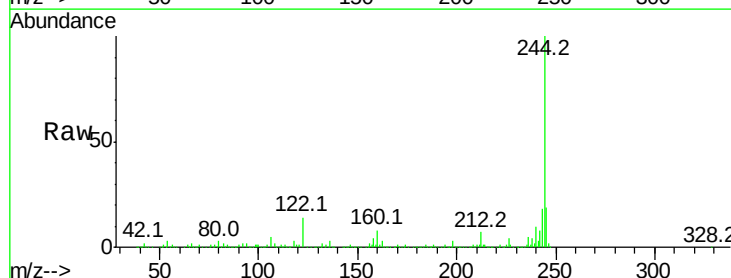
Tgt Ion:244 Resp: 820905

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

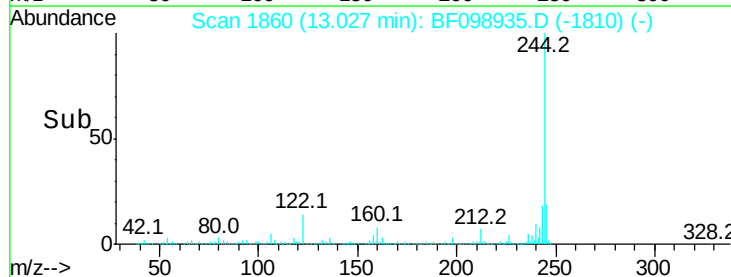
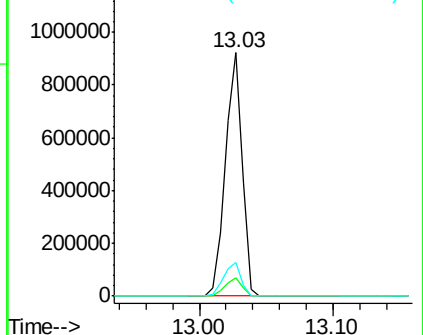
122 14.0 11.0 16.4

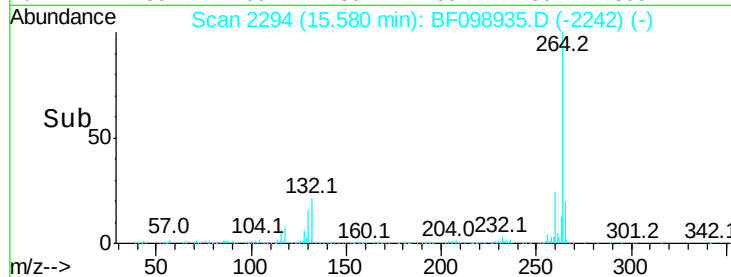
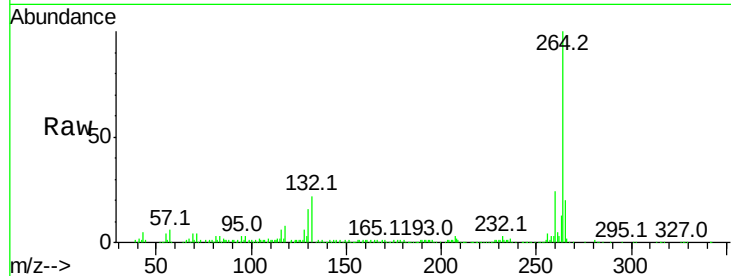
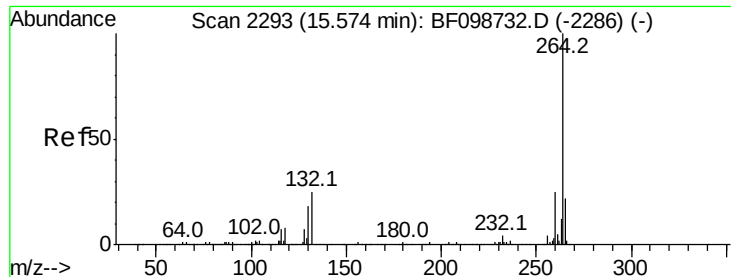


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098935.D
Acq: 29 Sep 2017 4:32

Instrument :
BNA_F
ClientSampleId :
WALDWICK-SWITCH

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.4	17.5	26.3

