

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
 Data File : BF099001.D
 Acq On : 2 Oct 2017 15:59
 Operator : SJ/JU
 Sample : I5457-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-3_092717

Quant Time: Oct 03 05:24:56 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

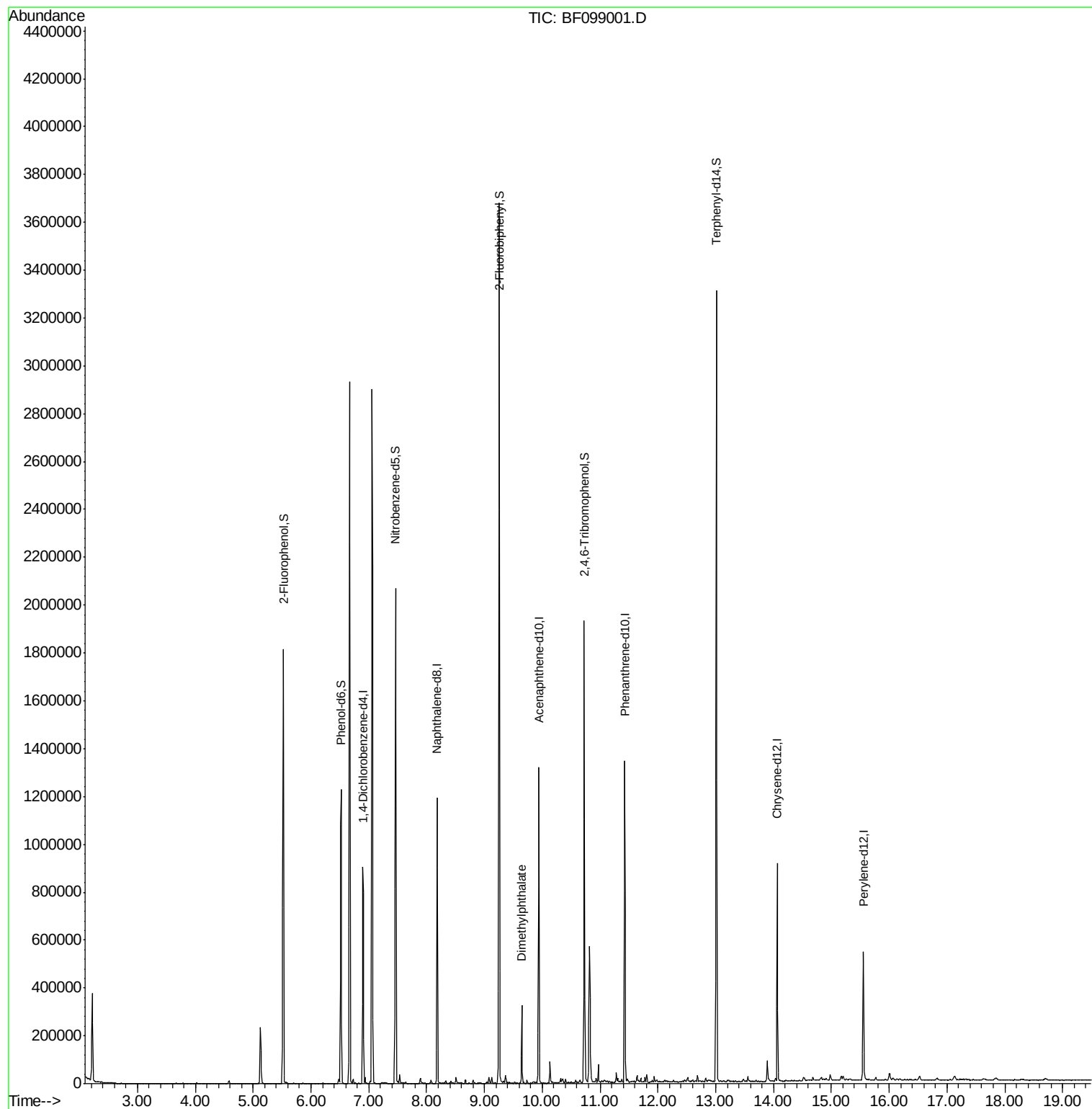
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	132411	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	544647	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	247184	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	428202	20.00	ng	-0.02
75) Chrysene-d12	14.07	240	299211	20.00	ng	-0.02
86) Perylene-d12	15.56	264	239977	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	522755	62.85	ng	-0.02
7) Phenol-d6	6.52	99	400938	39.07	ng	-0.02
23) Nitrobenzene-d5	7.46	82	771875	90.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	244906	121.08	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1331447	89.92	ng	-0.02
78) Terphenyl-d14	13.02	244	1102969	83.83	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.65	163	130110	6.974	ng	Qvalue 100

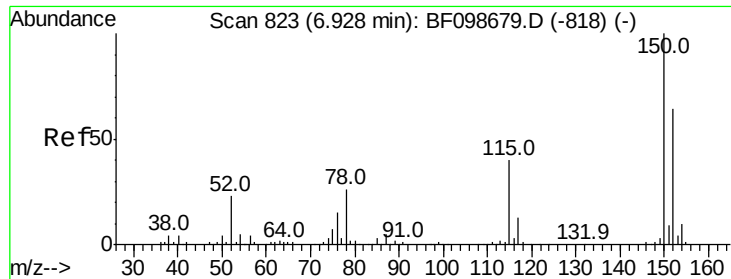
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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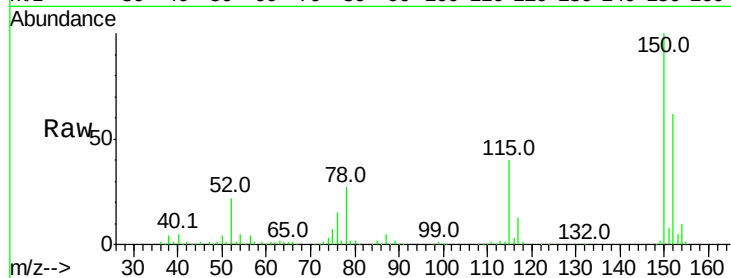


#1

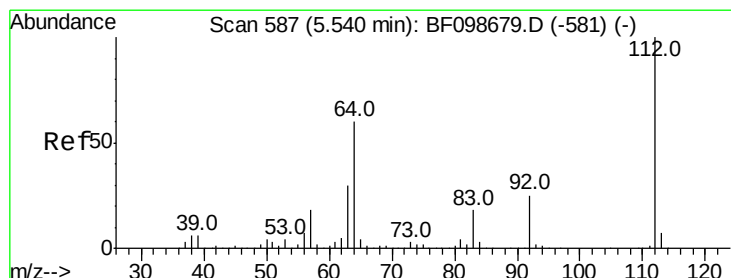
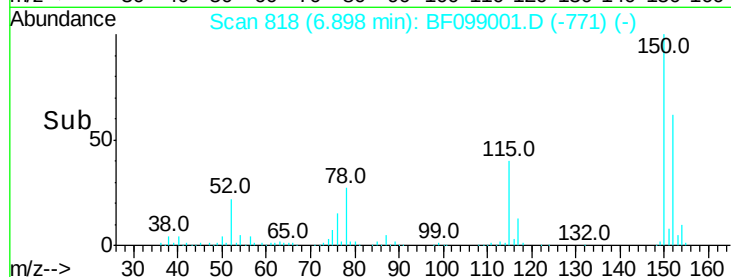
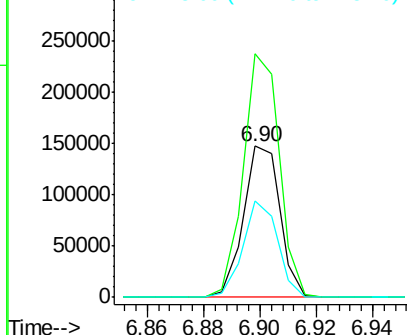
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF099001.D
Acq: 2 Oct 2017 15:59

Instrument :
BNA_F
ClientSampleId :
TW-3_092717

Tot Ion:152 Resp: 132411
Ion Ratio Lower Upper
152 100
150 161.3 124.6 186.8
115 64.1 50.1 75.1



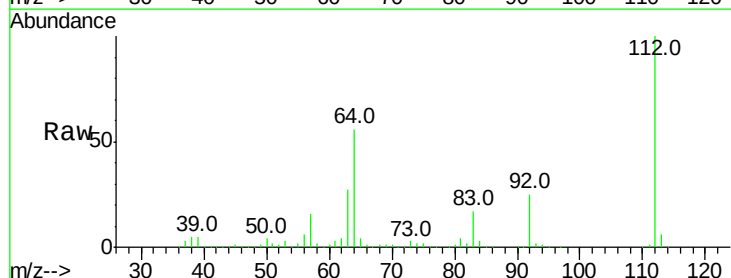
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



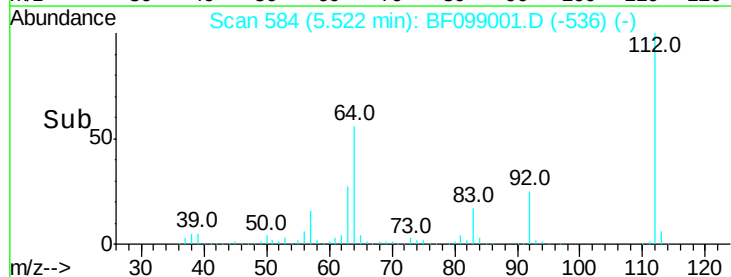
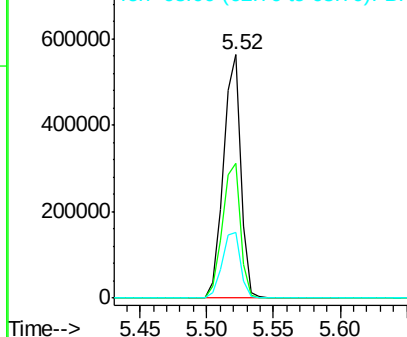
#5

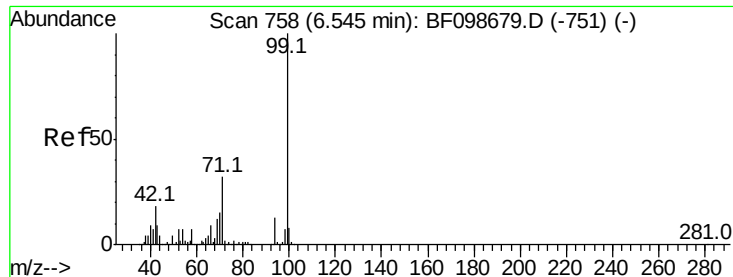
2-Fluorophenol
Concen: 62.848 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF099001.D
Acq: 2 Oct 2017 15:59

Tgt Ion:112 Resp: 522755
Ion Ratio Lower Upper
112 100
64 55.6 47.9 71.9
63 26.9 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: 39.074 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF099001.D

Acq: 2 Oct 2017 15:59

Instrument :

BNA_F

ClientSampleId :

TW-3_092717

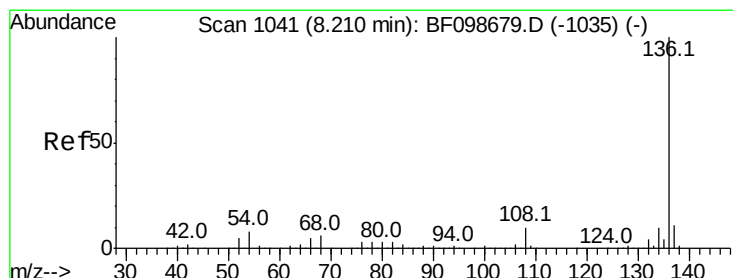
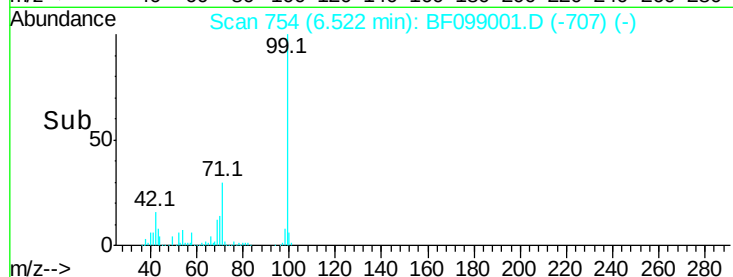
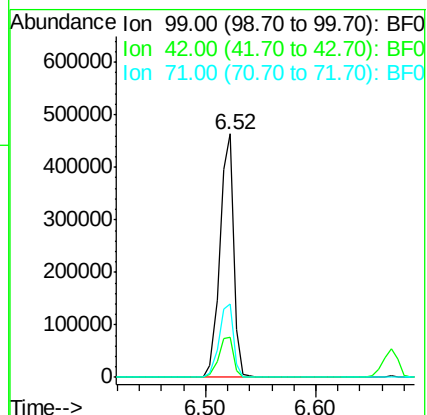
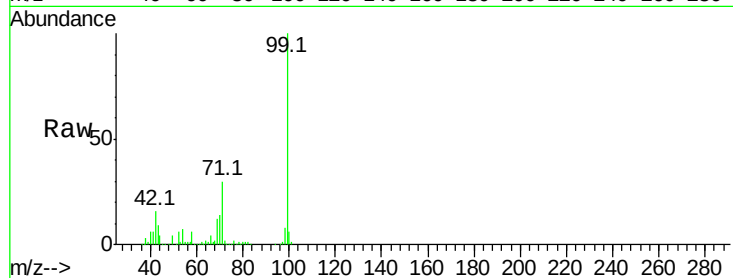
Tot Ion: 99 Resp: 400938

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

71 30.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF099001.D

Acq: 2 Oct 2017 15:59

Tgt Ion: 136 Resp: 544647

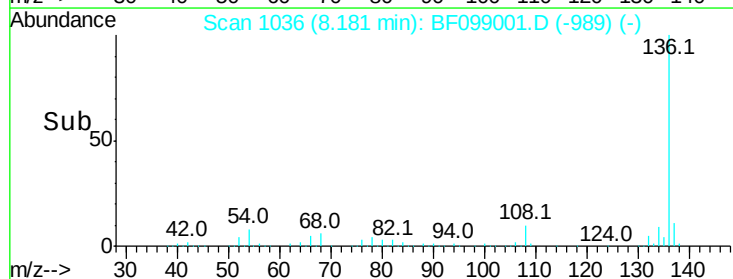
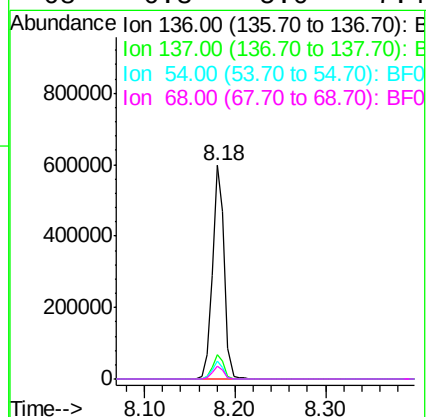
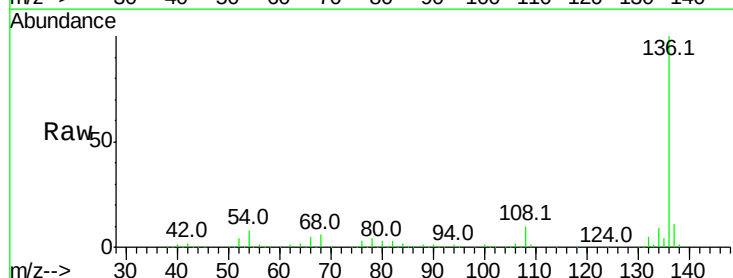
Ion Ratio Lower Upper

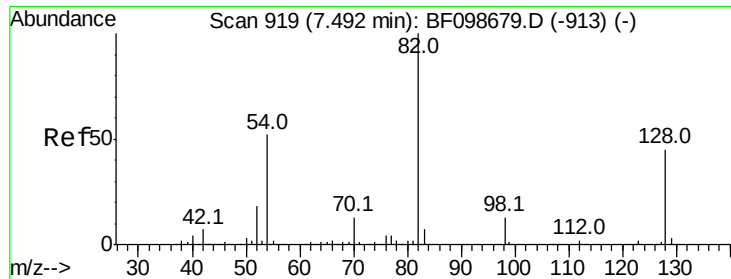
136 100

137 11.5 8.9 13.3

54 8.3 6.6 9.8

68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 90.885 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.02 min

Lab File: BF099001.D

Acq: 2 Oct 2017 15:59

Instrument :

BNA_F

ClientSampleId :

TW-3_092717

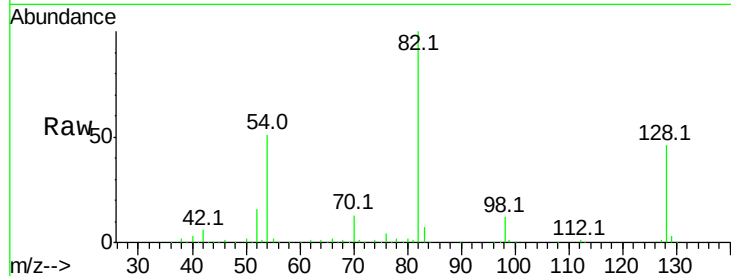
Tot Ion: 82 Resp: 771875

Ion Ratio Lower Upper

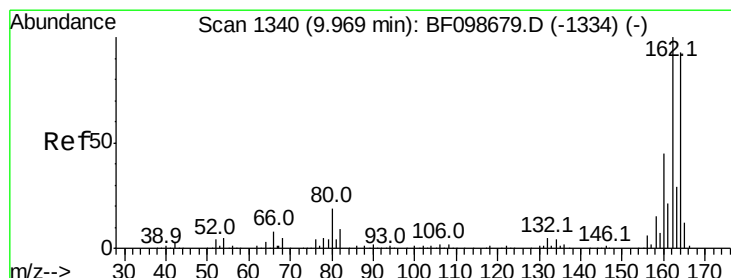
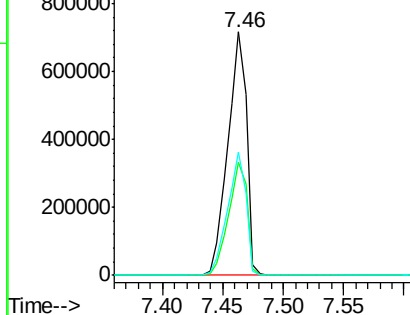
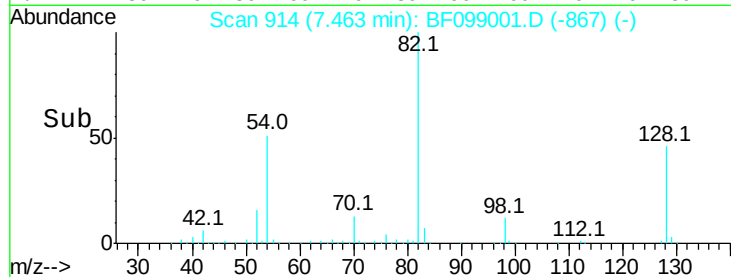
82 100

128 46.3 36.1 54.1

54 50.6 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: 9.94 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF099001.D

Acq: 2 Oct 2017 15:59

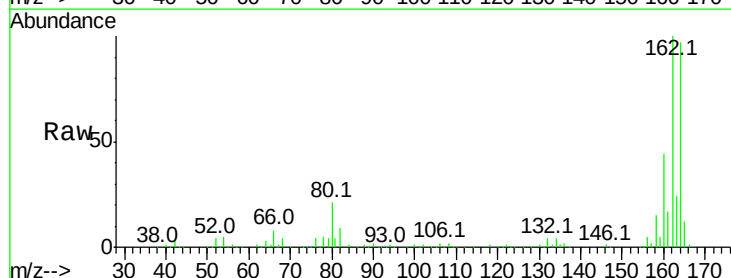
Tgt Ion:164 Resp: 247184

Ion Ratio Lower Upper

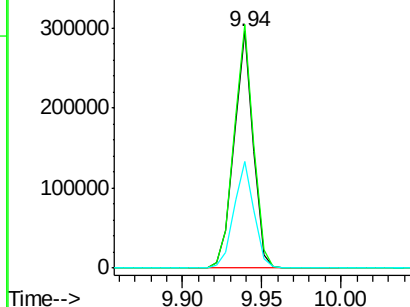
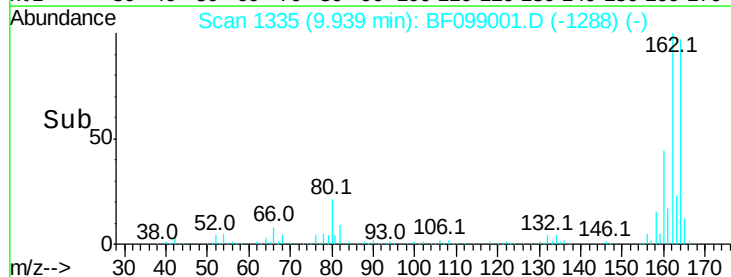
164 100

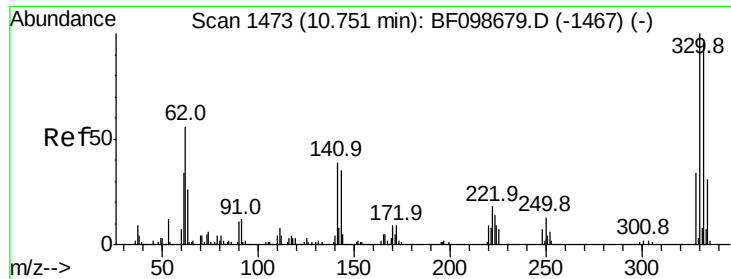
162 102.8 86.1 129.1

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

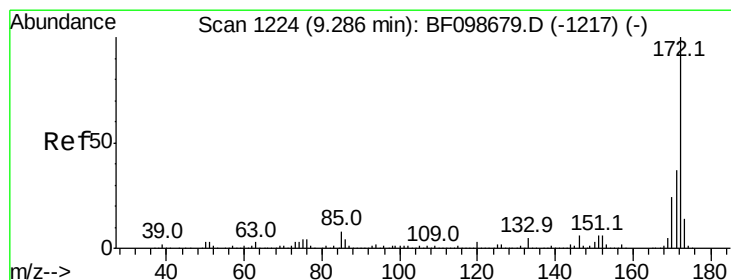
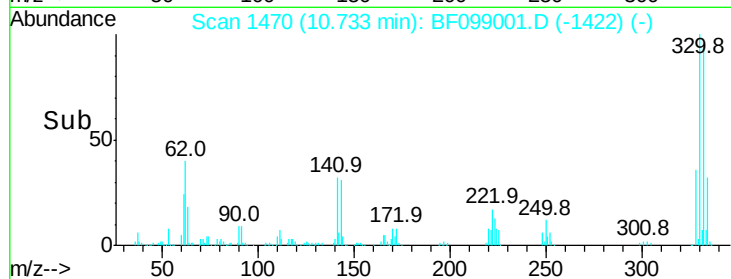
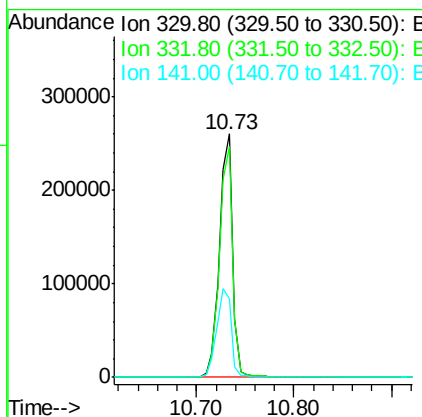
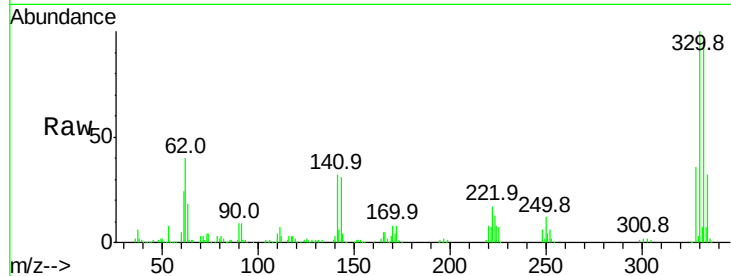




#41
 2,4,6-Tribromophenol
 Concen: 121.083 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BF099001.D
 Acq: 2 Oct 2017 15:59

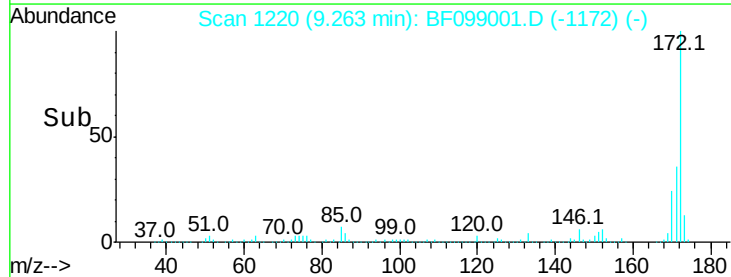
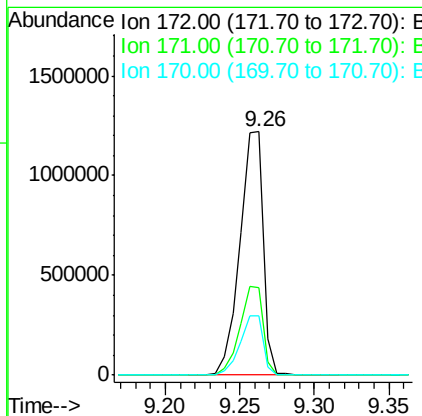
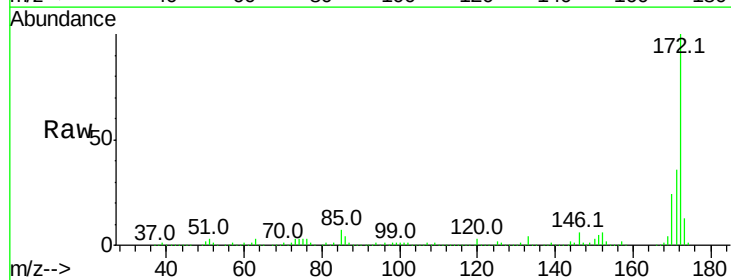
Instrument :
 BNA_F
 ClientSampleId :
 TW-3_092717

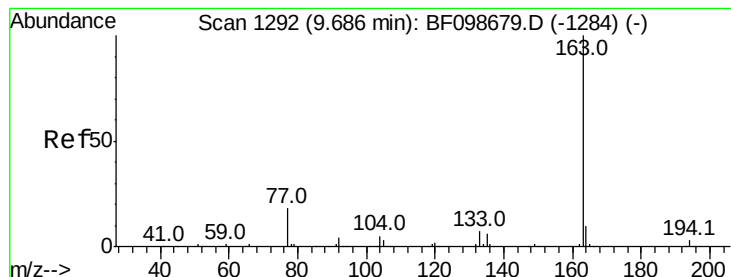
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	40.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 89.922 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BF099001.D
 Acq: 2 Oct 2017 15:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.1	19.6	29.4





#49

Dimethylphthalate

Concen: 6.974 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.04 min

Lab File: BF099001.D

Acq: 2 Oct 2017 15:59

Instrument :

BNA_F

ClientSampleId :

TW-3_092717

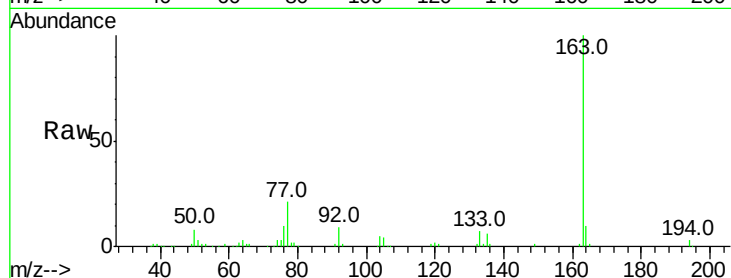
Tot Ion:163 Resp: 130110

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

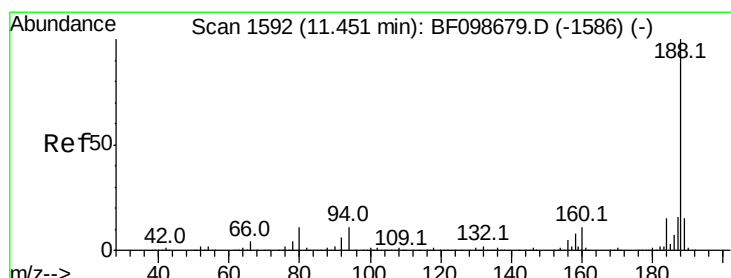
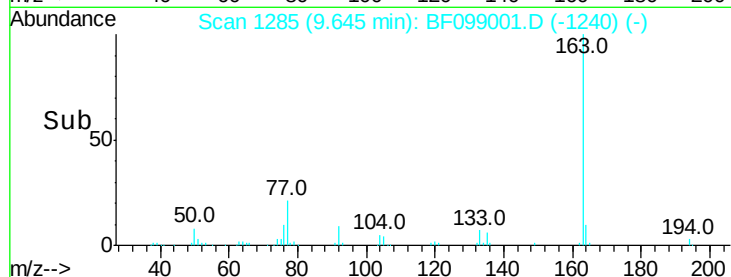
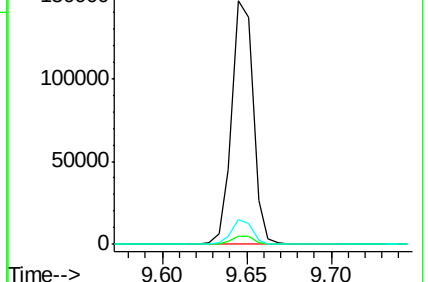
164 10.2 8.2 12.2



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: 11.43 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BF099001.D

Acq: 2 Oct 2017 15:59

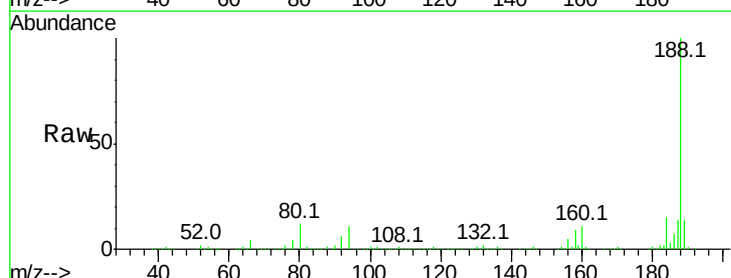
Tgt Ion:188 Resp: 428202

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

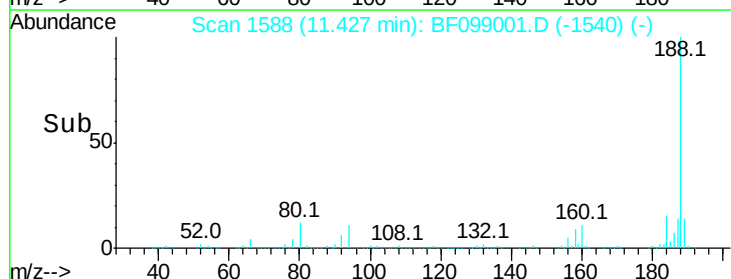
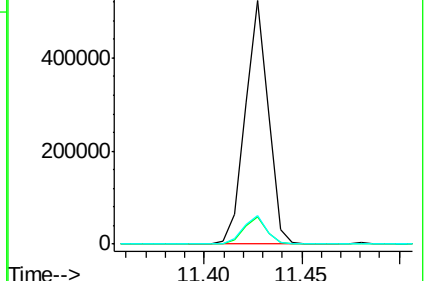
80 12.0 9.2 13.8

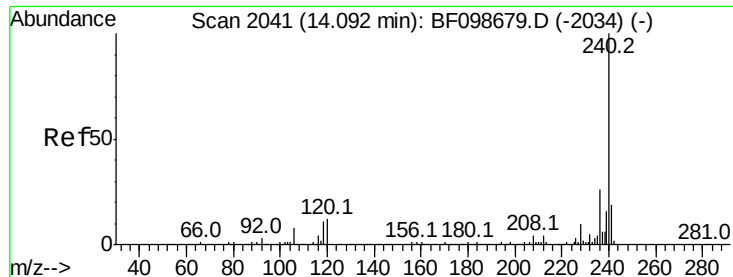


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2037

Delta R.T. -0.02 min

Lab File: BF099001.D

Acq: 2 Oct 2017 15:59

Instrument :

BNA_F

ClientSampleId :

TW-3_092717

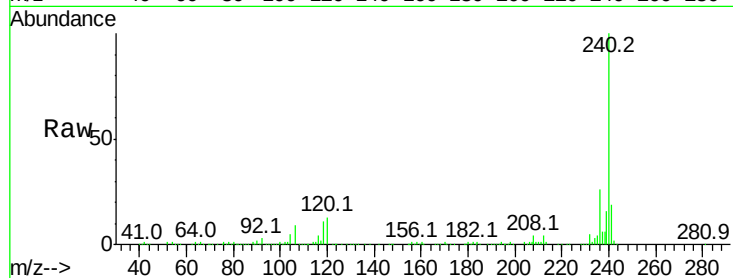
Tot Ion:240 Resp: 299211

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

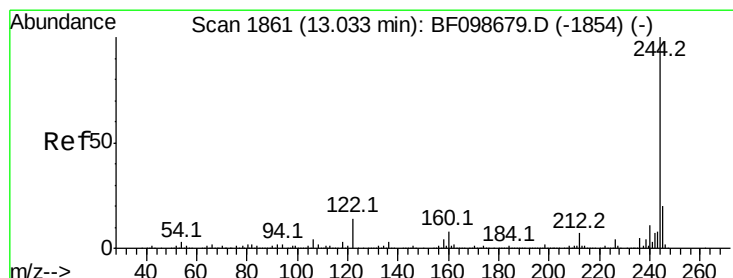
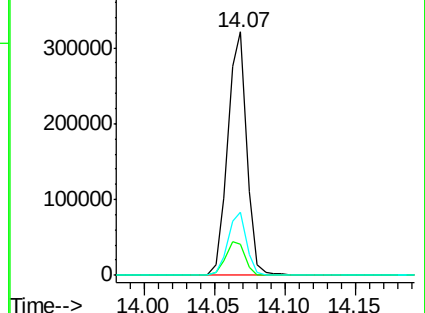
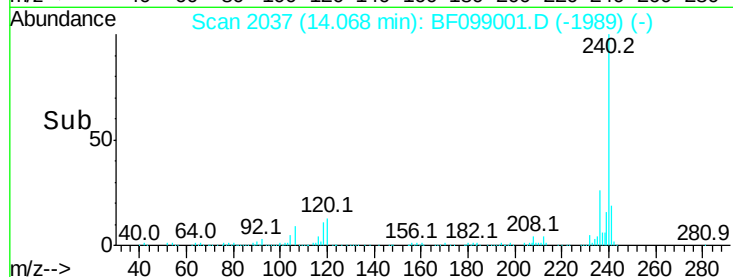
236 26.0 20.7 31.1



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: 83.833 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BF099001.D

Acq: 2 Oct 2017 15:59

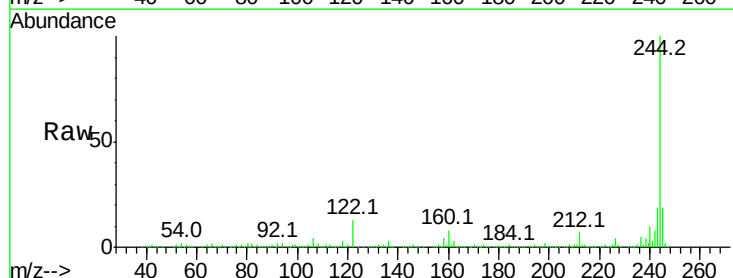
Tgt Ion:244 Resp: 1102969

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

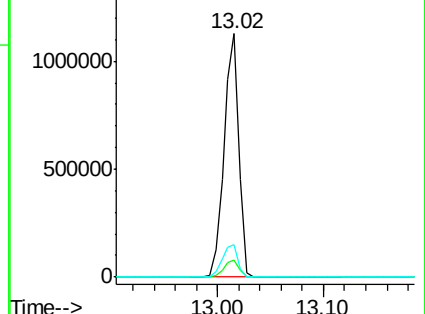
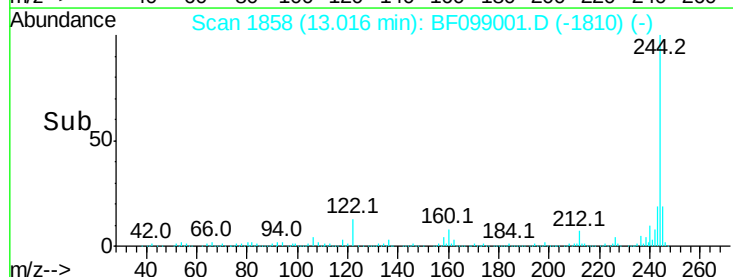
122 13.3 11.0 16.4

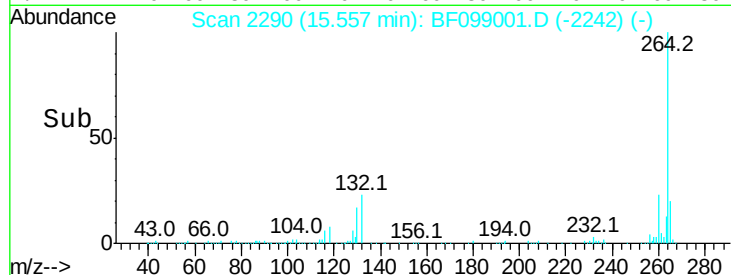
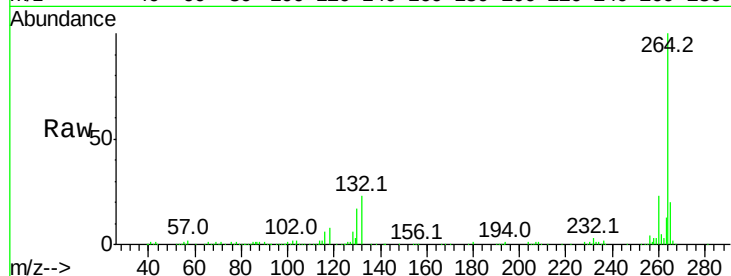
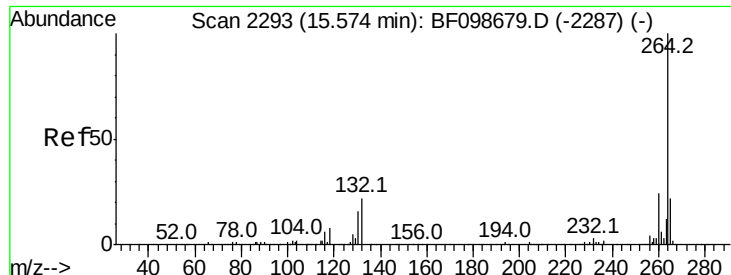


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.56 min Scan# 2290
Delta R.T. -0.02 min
Lab File: BF099001.D
Acq: 2 Oct 2017 15:59

Instrument :
BNA_F
ClientSampleId :
TW-3_092717

Tot Ion:	264	Resp:	239977
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.1	17.5	26.3

