

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099044.D
 Acq On : 3 Oct 2017 21:44
 Operator : SJ/JU
 Sample : I5531-05RE 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-63-0-2.5RE

Quant Time: Oct 04 02:55:36 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

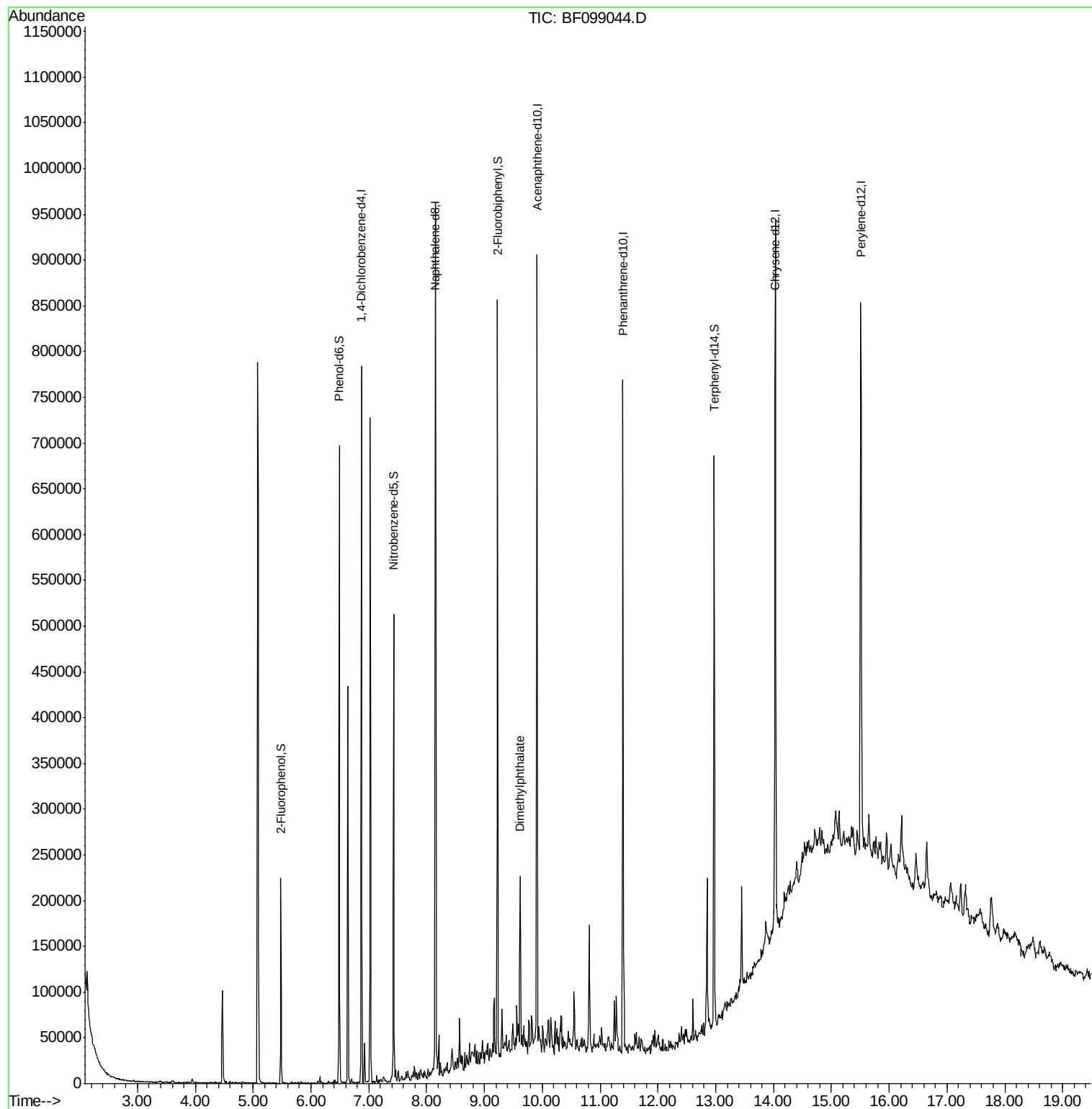
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	120241	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	449335	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	164570	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	236354	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	236114	20.00	ng	-0.05
86) Perylene-d12	15.51	264	252464	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	58742	7.78	ng	-0.06
7) Phenol-d6	6.49	99	217793	23.37	ng	-0.06
23) Nitrobenzene-d5	7.43	82	145069	20.70	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	411	0.31	ng	-0.06
44) 2-Fluorobiphenyl	9.23	172	260743	26.45	ng	-0.05
78) Terphenyl-d14	12.97	244	170102	16.38	ng	-0.06
Target Compounds						
49) Dimethylphthalate	9.62	163	37696	3.035	ng	Qvalue # 97

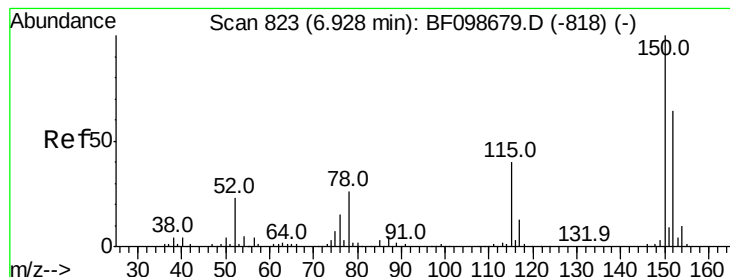
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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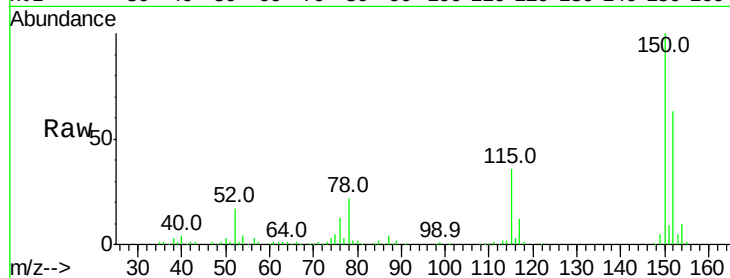


#1

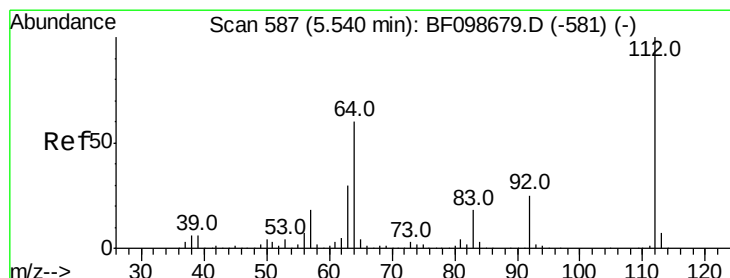
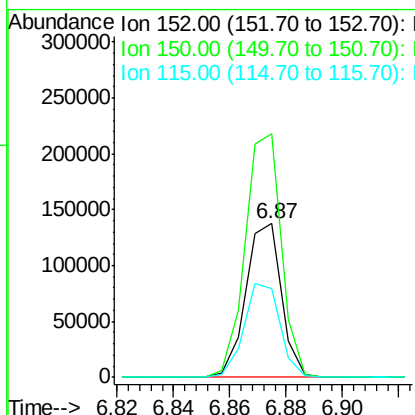
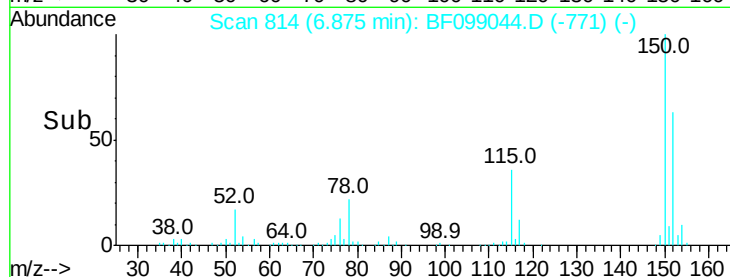
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF099044.D
 Acq: 3 Oct 2017 21:44

Instrument :
 BNA_F
 ClientSampleId :
 G-63-0-2.5RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	57.8	50.1	75.1



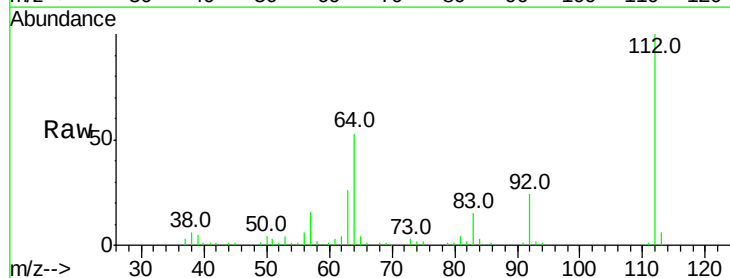
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



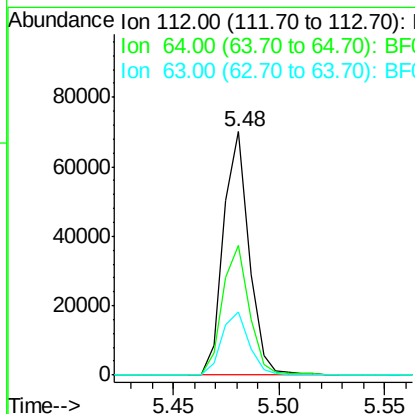
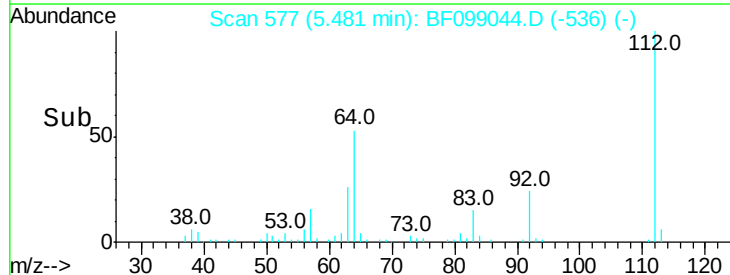
#5

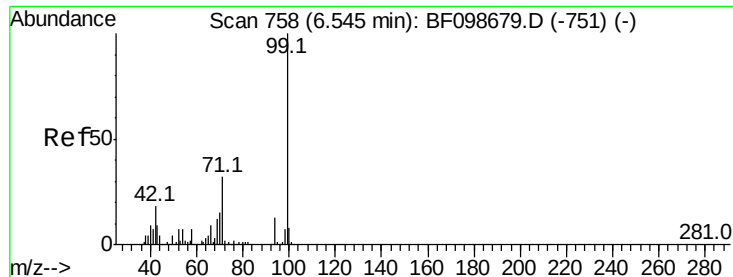
2-Fluorophenol
 Concen: 7.777 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.06 min
 Lab File: BF099044.D
 Acq: 3 Oct 2017 21:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	47.9	71.9
63	26.1	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: 23.374 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF099044.D

Acq: 3 Oct 2017 21:44

Instrument :

BNA_F

ClientSampleId :

G-63-0-2.5RE

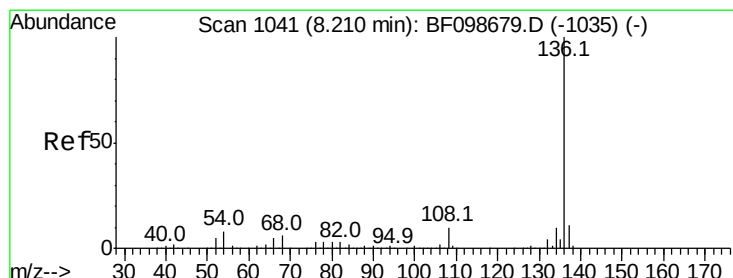
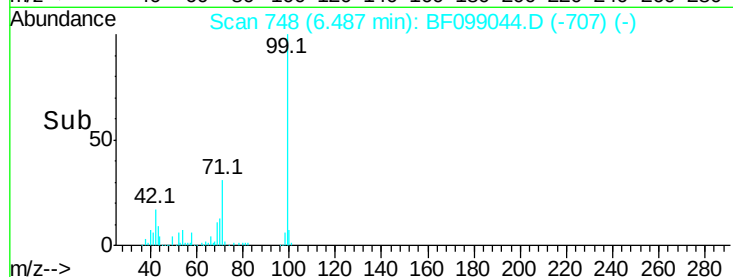
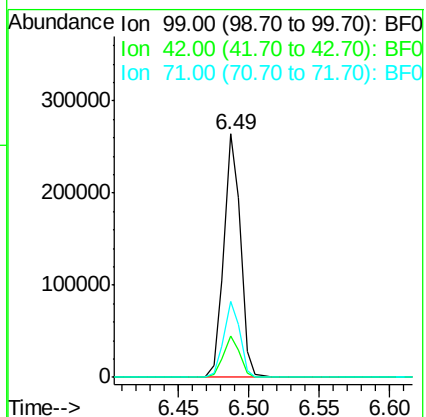
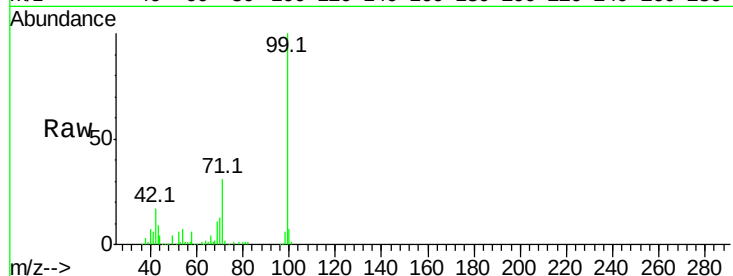
Tot Ion: 99 Resp: 217793

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

71 31.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF099044.D

Acq: 3 Oct 2017 21:44

Tgt Ion: 136 Resp: 449335

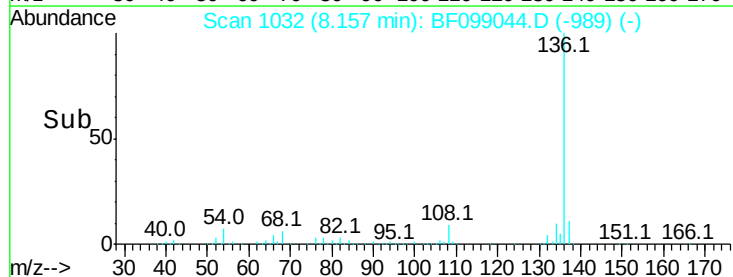
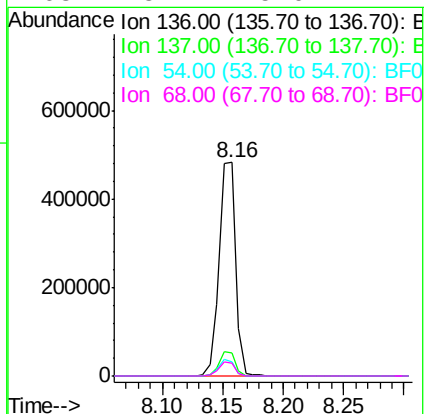
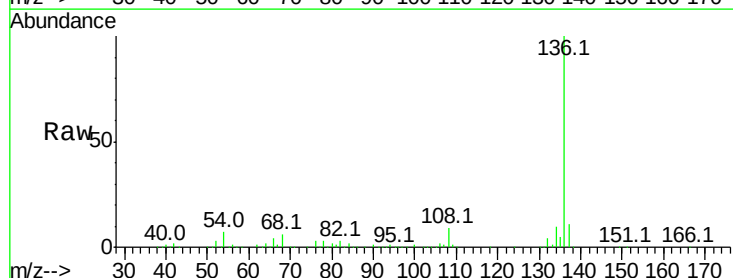
Ion Ratio Lower Upper

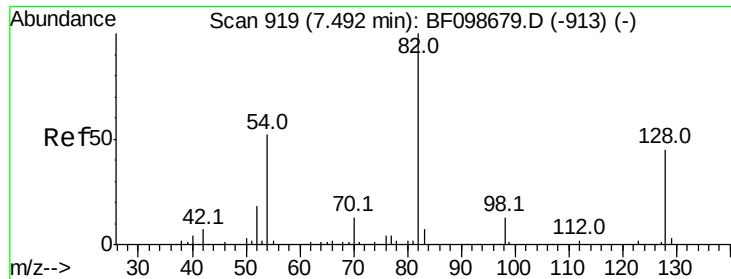
136 100

137 10.6 8.9 13.3

54 6.8 6.6 9.8

68 5.7 5.0 7.4

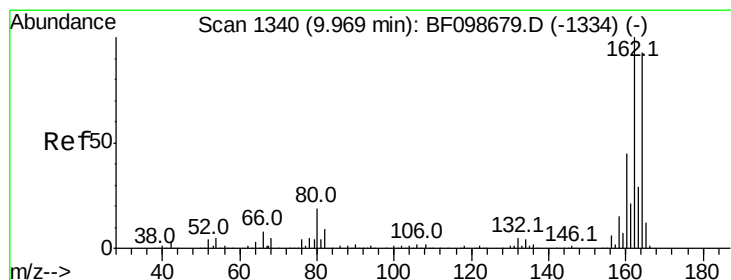
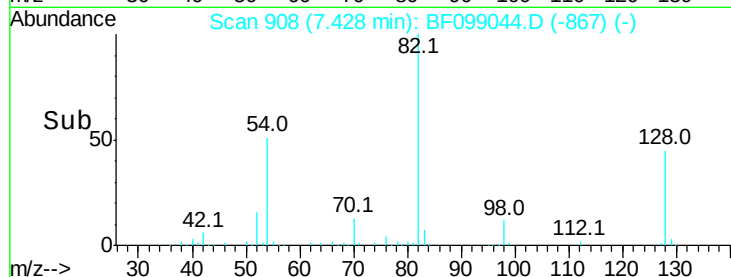
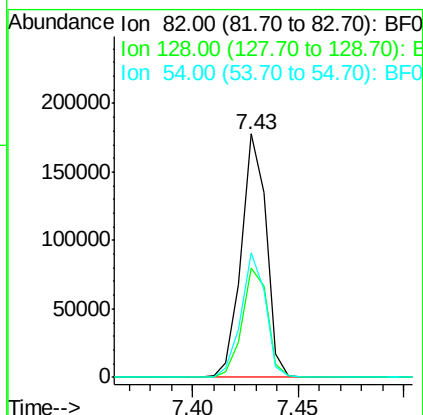
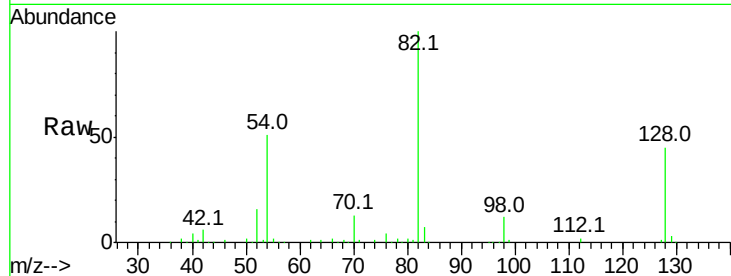




#23
 Nitrobenzene-d5
 Concen: 20.705 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.06 min
 Lab File: BF099044.D
 Acq: 3 Oct 2017 21:44

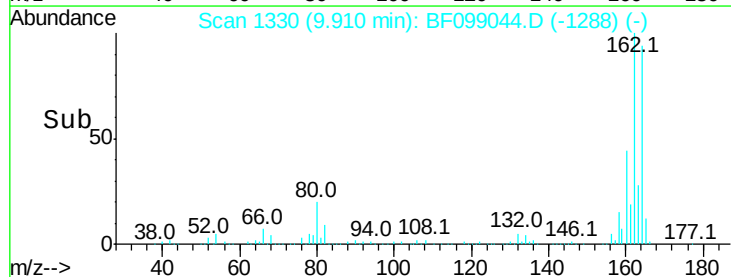
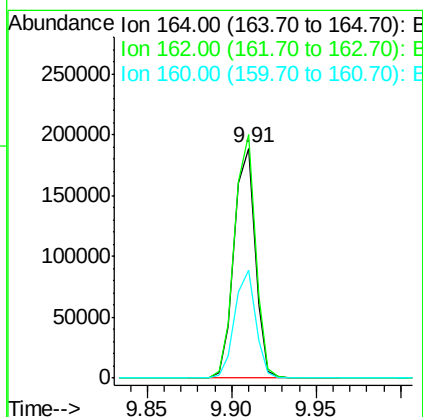
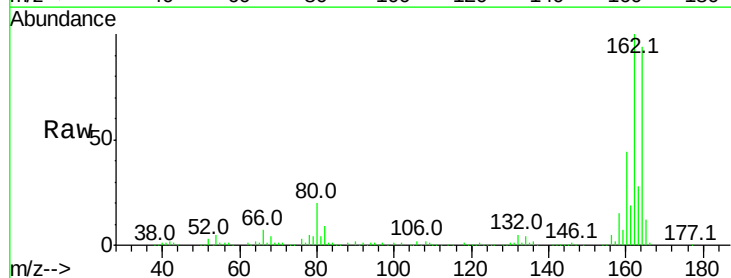
Instrument :
 BNA_F
 ClientSampleId :
 G-63-0-2.5RE

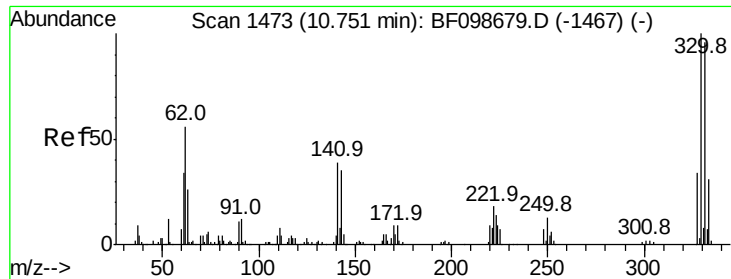
Tot Ion: 82 Resp: 145069
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.1 54.1
 54 51.3 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.05 min
 Lab File: BF099044.D
 Acq: 3 Oct 2017 21:44

Tgt Ion:164 Resp: 164570
 Ion Ratio Lower Upper
 164 100
 162 106.1 86.1 129.1
 160 46.9 38.3 57.5

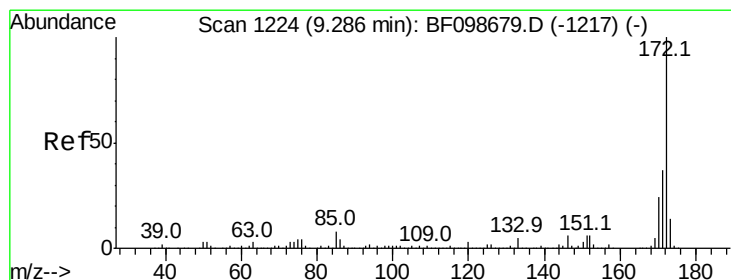
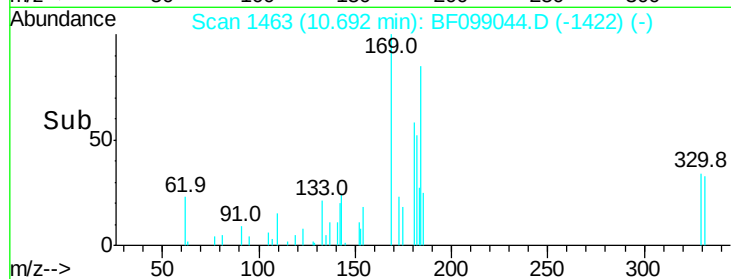
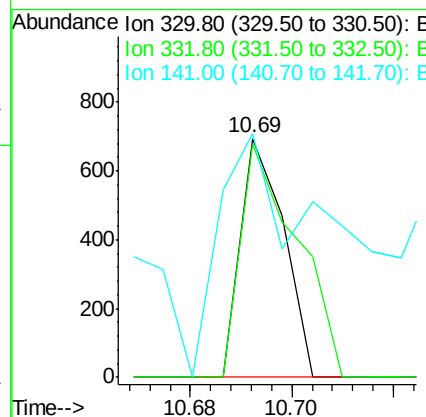
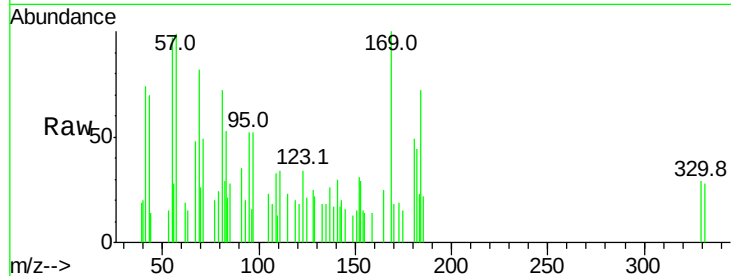




#41
 2,4,6-Tribromophenol
 Concen: 0.305 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.06 min
 Lab File: BF099044.D
 Acq: 3 Oct 2017 21:44

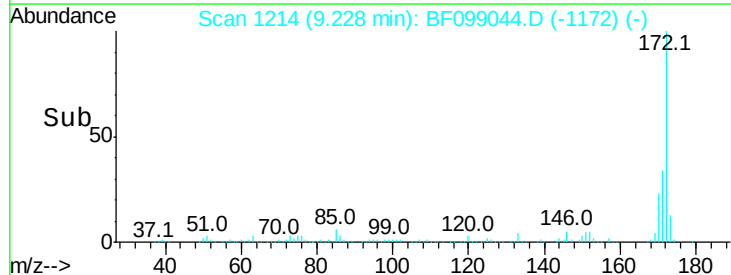
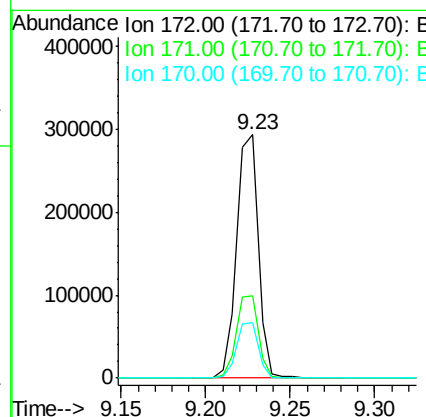
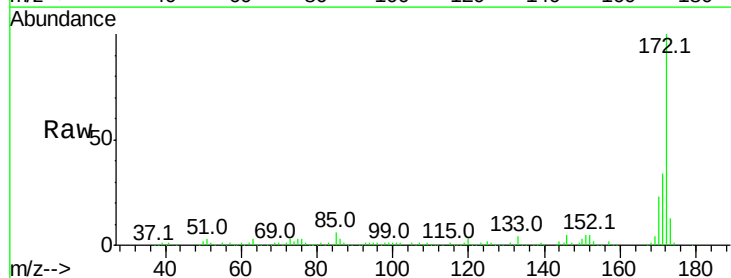
Instrument :
 BNA_F
 ClientSampleId :
 G-63-0-2.5RE

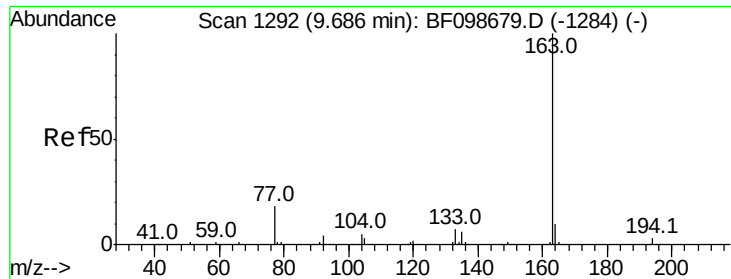
Tot Ion:330 Resp: 411
 Ion Ratio Lower Upper
 330 100
 332 127.0 77.0 115.6#
 141 282.2 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 26.450 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF099044.D
 Acq: 3 Oct 2017 21:44

Tgt Ion:172 Resp: 260743
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.7 44.5
 170 22.6 19.6 29.4

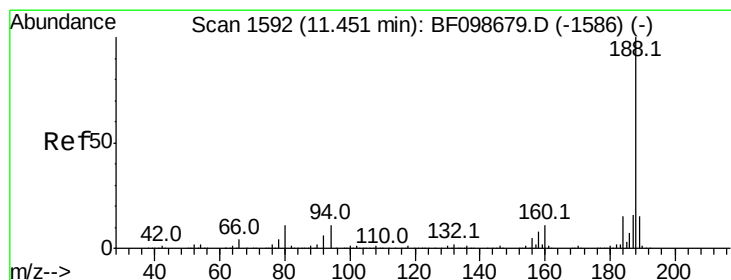
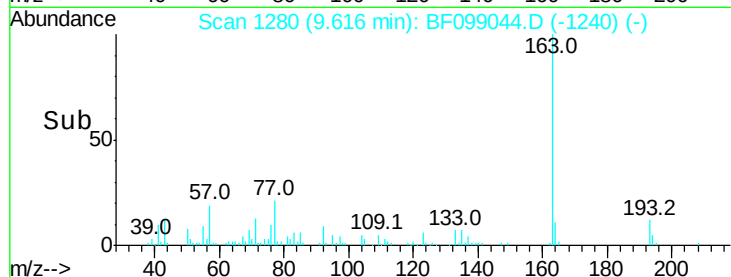
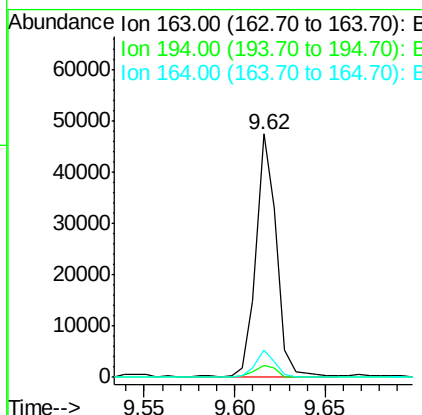
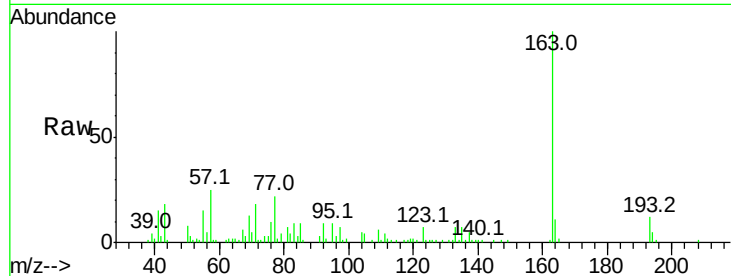




#49
Dimethylphthalate
Concen: 3.035 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.06 min
Lab File: BF099044.D
Acq: 3 Oct 2017 21:44

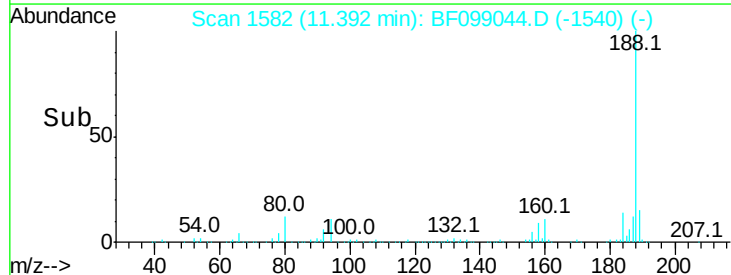
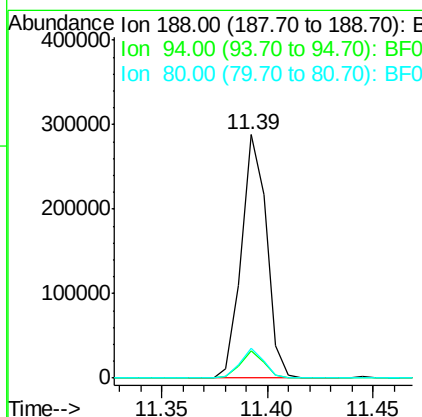
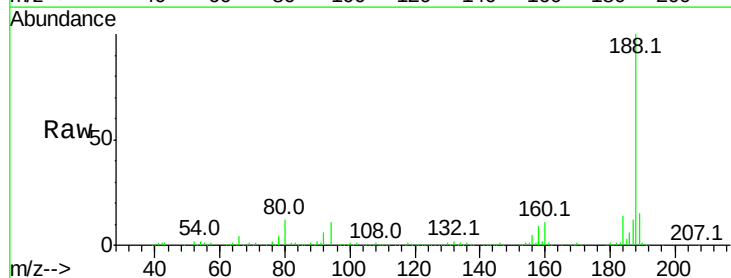
Instrument :
BNA_F
ClientSampleId :
G-63-0-2.5RE

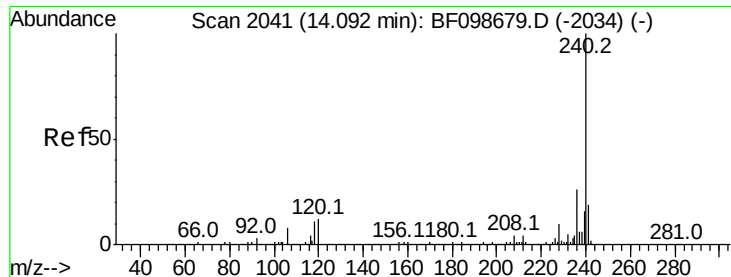
Tot Ion:163 Resp: 37696
Ion Ratio Lower Upper
163 100
194 5.1 2.7 4.1#
164 11.1 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.05 min
Lab File: BF099044.D
Acq: 3 Oct 2017 21:44

Tgt Ion:188 Resp: 236354
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.5 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.05 min

Lab File: BF099044.D

Acq: 3 Oct 2017 21:44

Instrument :

BNA_F

ClientSampleId :

G-63-0-2.5RE

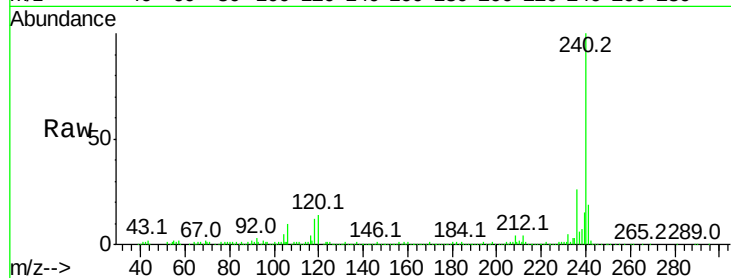
Tot Ion:240 Resp: 236114

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

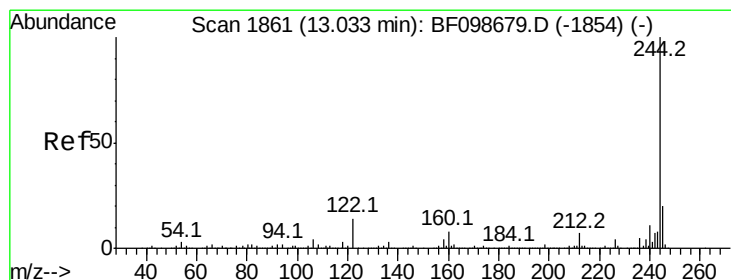
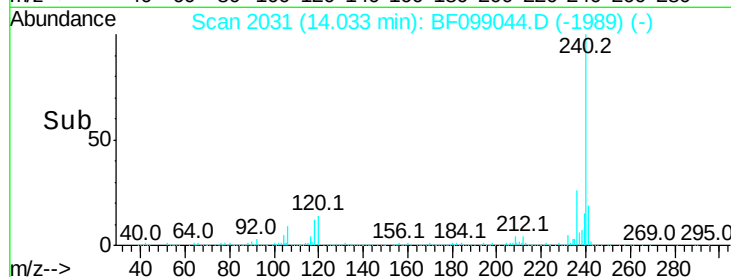
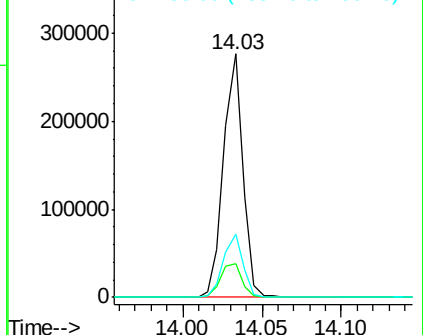
236 25.9 20.7 31.1



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: 16.384 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.06 min

Lab File: BF099044.D

Acq: 3 Oct 2017 21:44

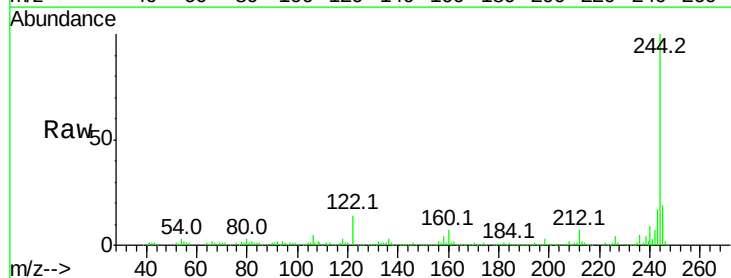
Tgt Ion:244 Resp: 170102

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

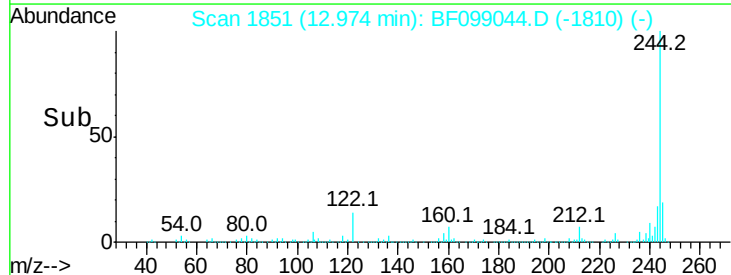
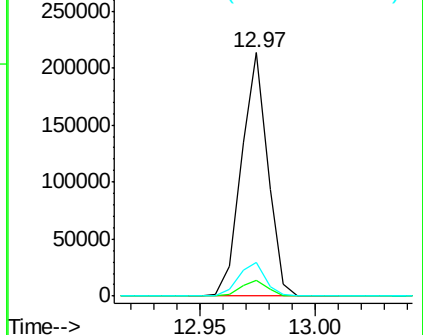
122 13.8 11.0 16.4

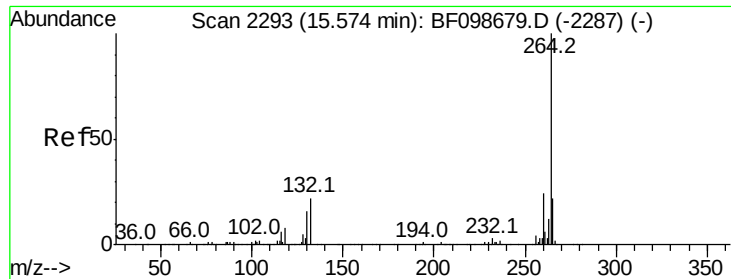


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.51 min Scan# 2282
Delta R.T. -0.06 min
Lab File: BF099044.D
Acq: 3 Oct 2017 21:44

Instrument :
BNA_F
ClientSampleId :
G-63-0-2.5RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.5	26.3

