

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
 Data File : BF099083.D
 Acq On : 4 Oct 2017 22:52
 Operator : SJ/JU
 Sample : I5644-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-13-COMP

Quant Time: Oct 05 05:31:31 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

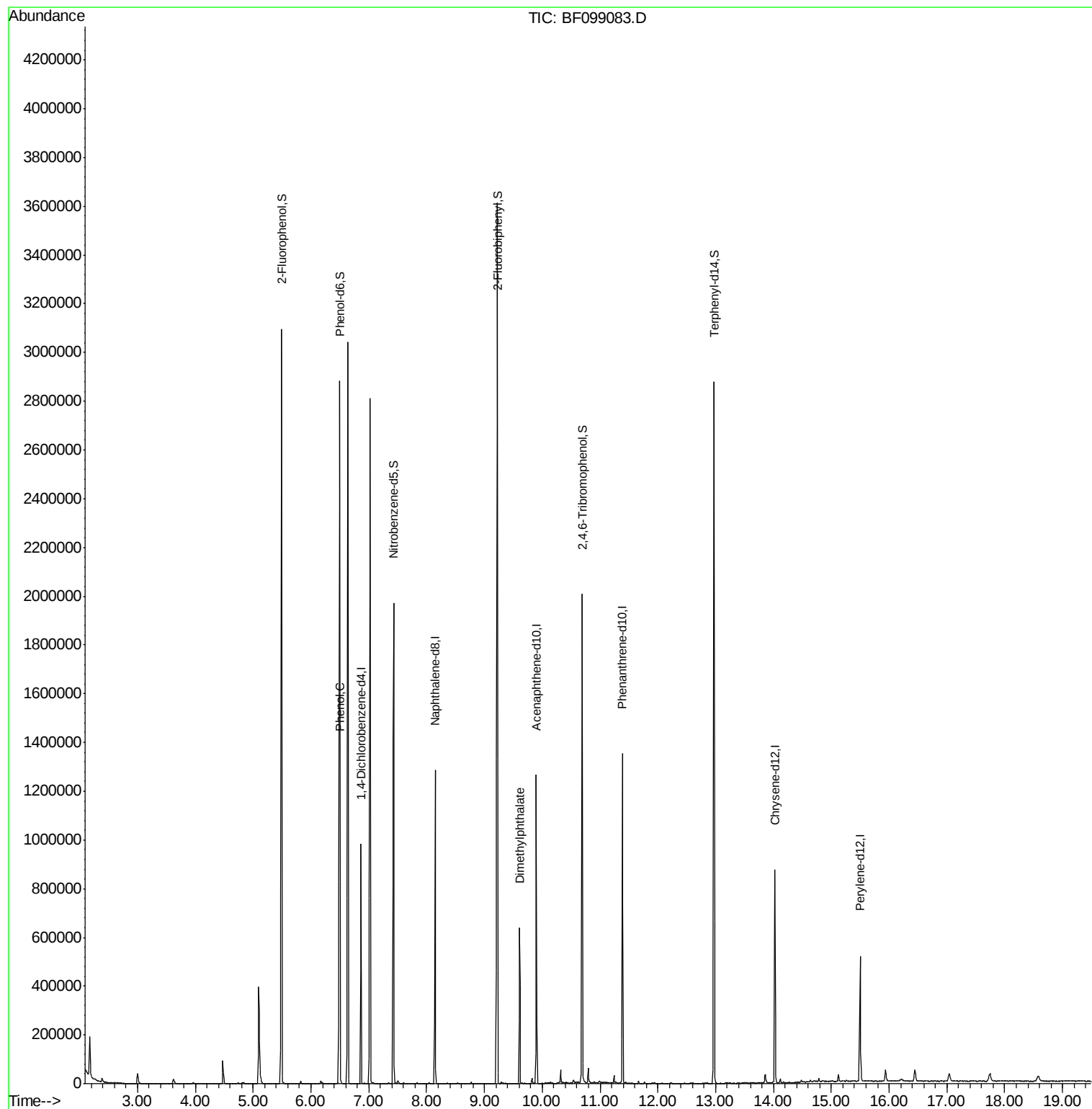
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	134071	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	545217	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	248562	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	433965	20.00	ng	-0.06
75) Chrysene-d12	14.03	240	295477	20.00	ng	-0.06
86) Perylene-d12	15.50	264	199281	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1005066	119.34	ng	-0.05
7) Phenol-d6	6.50	99	1212828	116.74	ng	-0.05
23) Nitrobenzene-d5	7.43	82	742229	87.30	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	249341	122.59	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1196254	80.34	ng	-0.06
78) Terphenyl-d14	12.97	244	980447	75.46	ng	-0.06
Target Compounds						
10) Phenol	6.51	94	30556	2.630	ng	95
49) Dimethylphthalate	9.61	163	236442	12.603	ng	99

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

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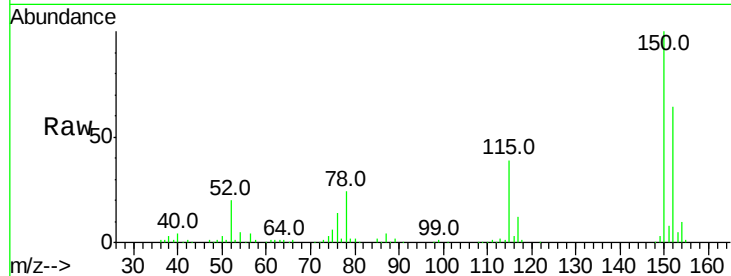


#1

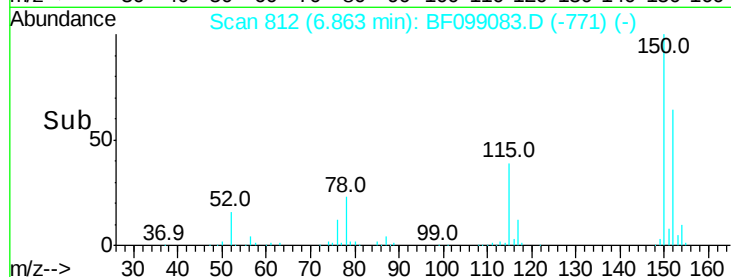
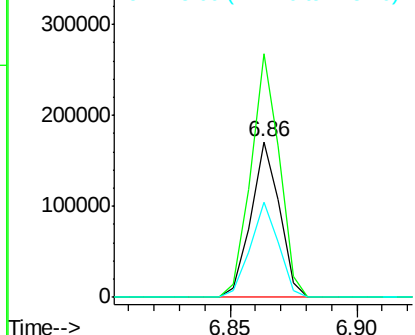
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF099083.D
Acq: 4 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :
TP-12-13-COMP

Tot Ion:152 Resp: 134071
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 61.0 50.1 75.1



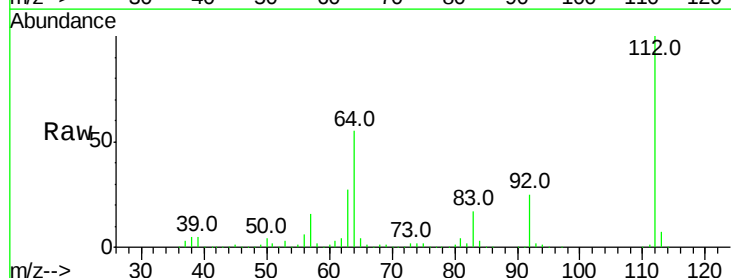
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



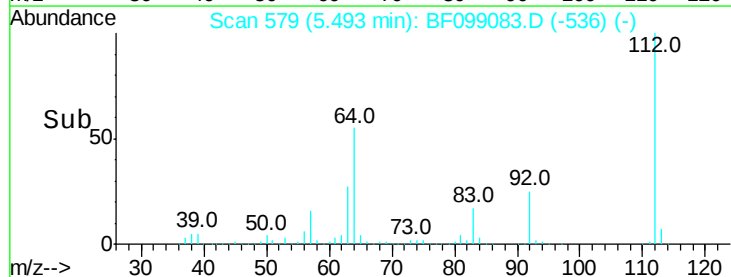
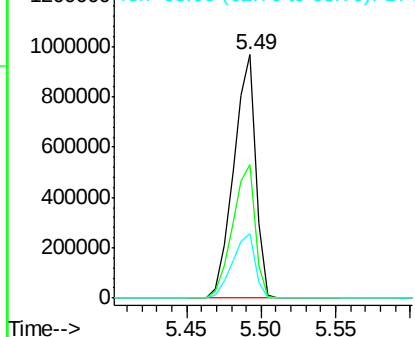
#5

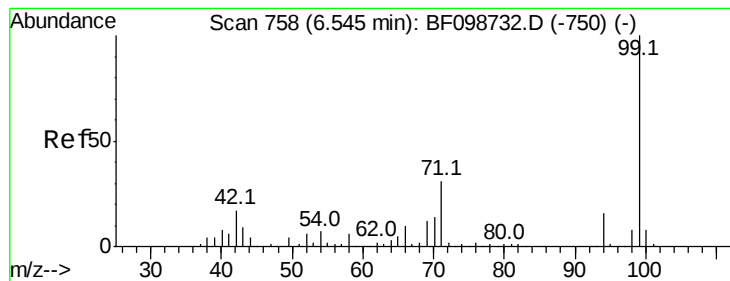
2-Fluorophenol
Concen: 119.337 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.05 min
Lab File: BF099083.D
Acq: 4 Oct 2017 22:52

Tgt Ion:112 Resp: 1005066
Ion Ratio Lower Upper
112 100
64 54.8 47.9 71.9
63 26.6 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: 116.735 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF099083.D

Acq: 4 Oct 2017 22:52

Instrument :

BNA_F

ClientSampleId :

TP-12-13-COMP

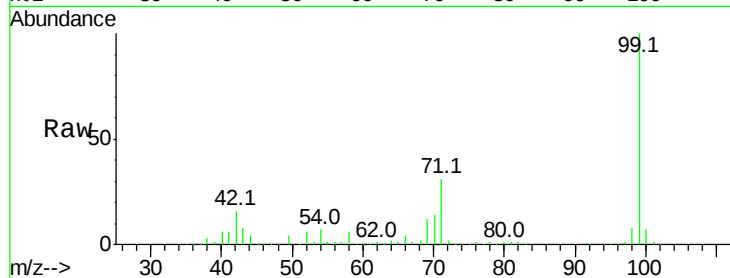
Tot Ion: 99 Resp: 1212828

Ion Ratio Lower Upper

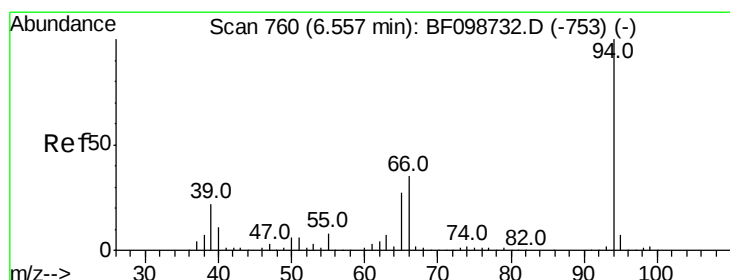
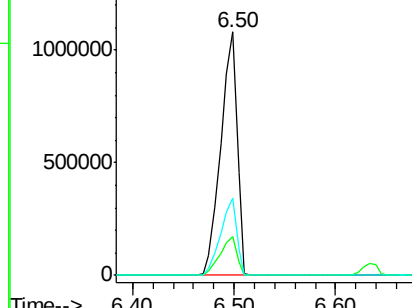
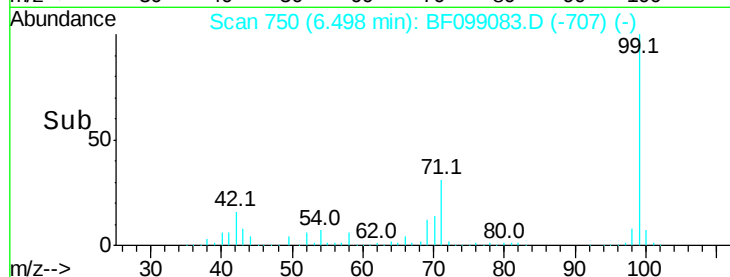
99 100

42 16.2 14.5 21.7

71 31.5 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



#10

Phenol

Concen: 2.630 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.05 min

Lab File: BF099083.D

Acq: 4 Oct 2017 22:52

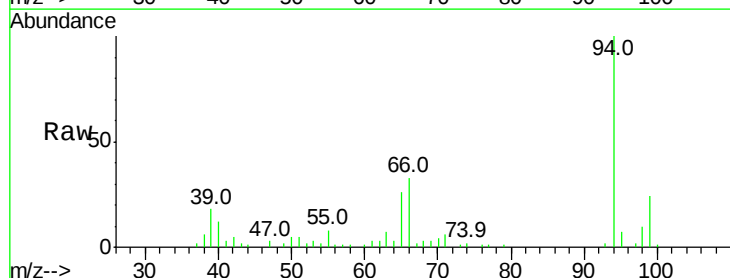
Tgt Ion: 94 Resp: 30556

Ion Ratio Lower Upper

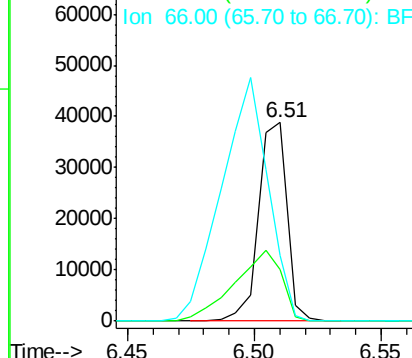
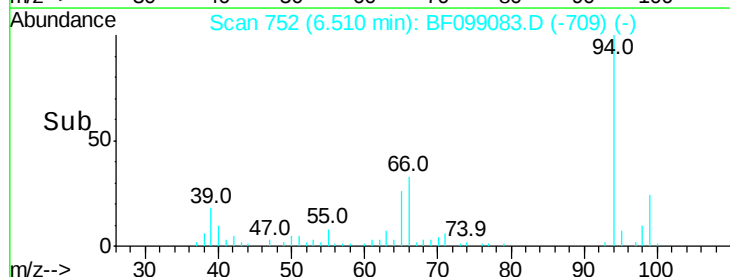
94 100

65 26.0 7.9 47.9

66 32.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

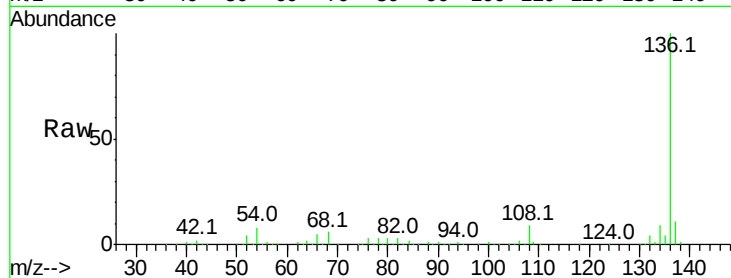




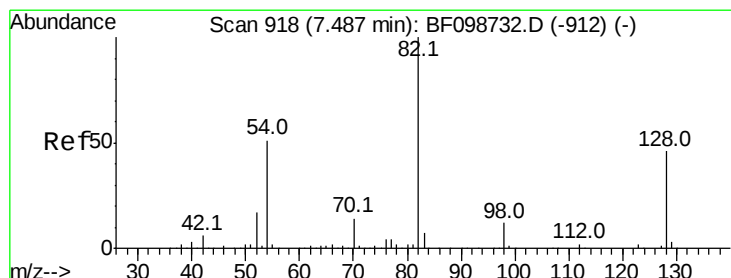
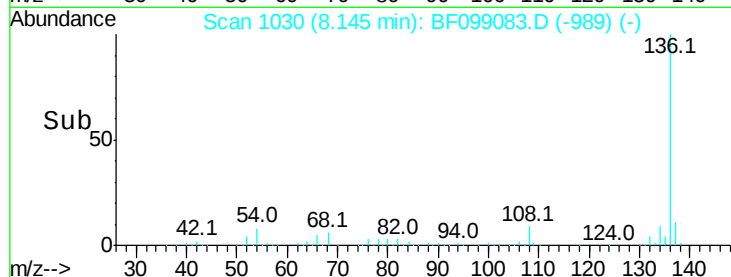
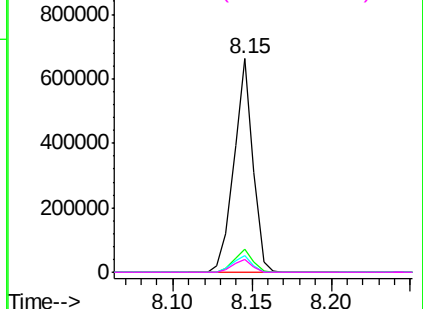
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF099083.D
Acq: 4 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :
TP-12-13-COMP

Tot Ion:136	Resp: 545217
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 7.5	6.6 9.8
68 6.1	5.0 7.4

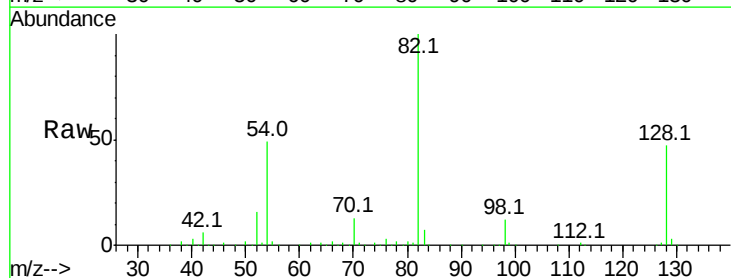


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

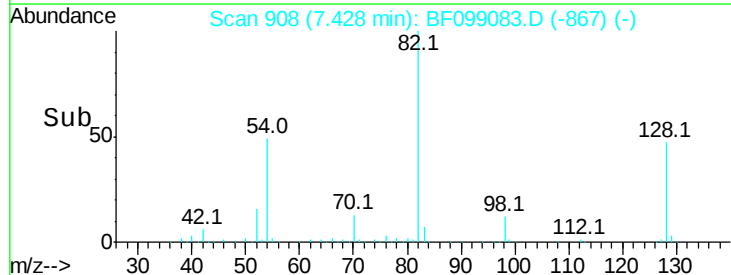
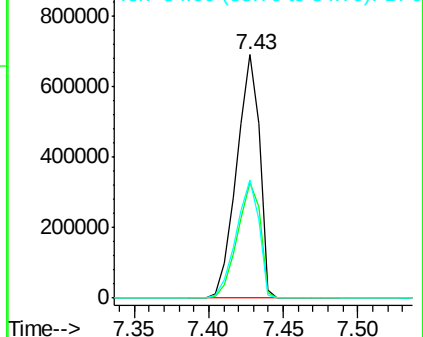


#23
Nitrobenzene-d5
Concen: 87.303 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.06 min
Lab File: BF099083.D
Acq: 4 Oct 2017 22:52

Tgt Ion	82	Resp: Lower	742229 Upper
	Ratio 100		
128	47.4	36.1	54.1
54	48.6	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

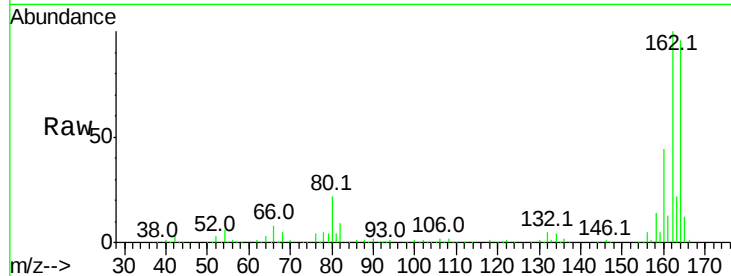




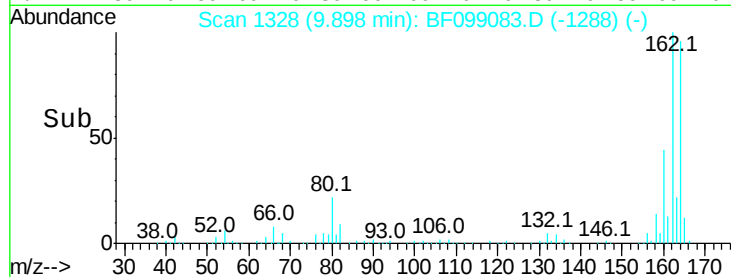
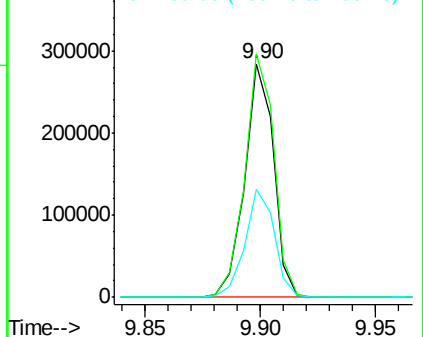
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.06 min
Lab File: BF099083.D
Acq: 4 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :
TP-12-13-COMP

Tot Ion:164 Resp: 248562
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 46.2 38.3 57.5

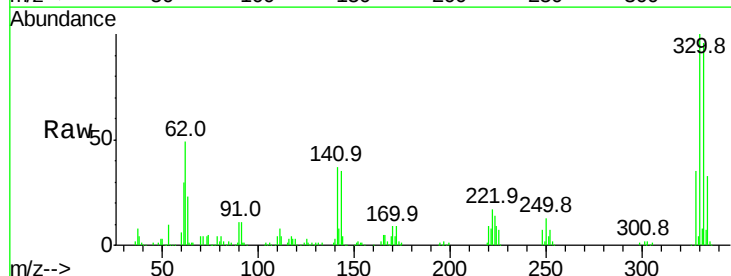


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

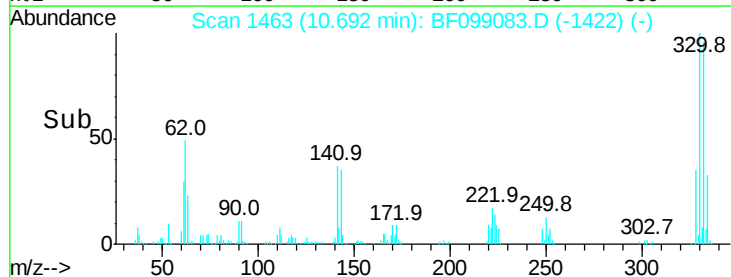
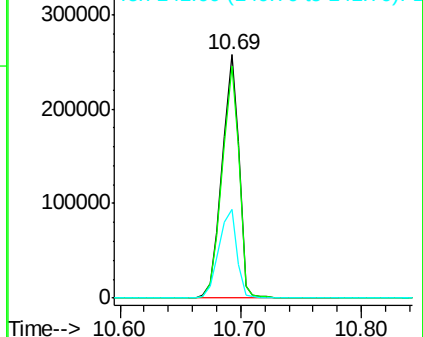


#41
2,4,6-Tribromophenol
Concen: 122.592 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.06 min
Lab File: BF099083.D
Acq: 4 Oct 2017 22:52

Tgt Ion:330 Resp: 249341
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 38.9 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

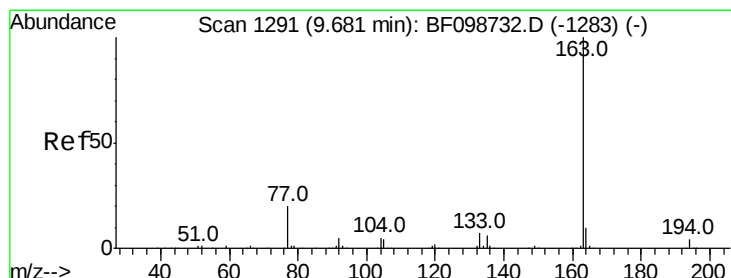
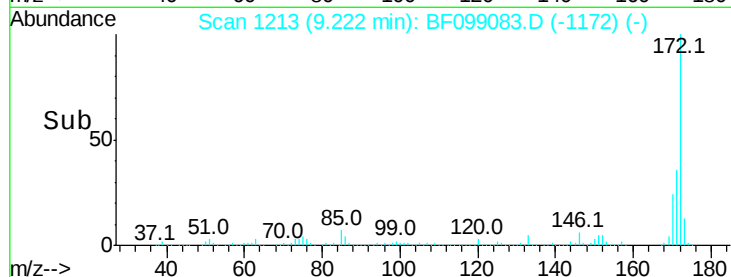
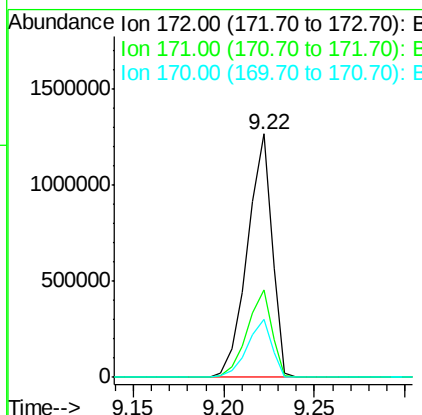
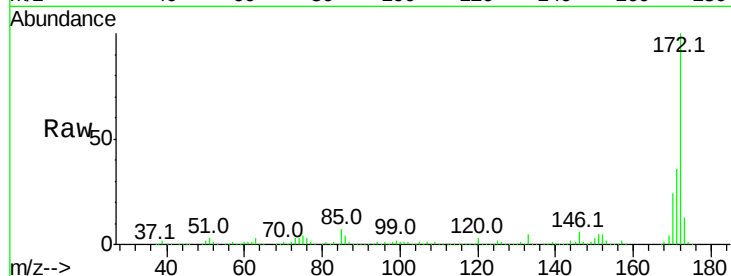




#44
2-Fluorobiphenyl
Concen: 80.344 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.06 min
Lab File: BF099083.D
Acq: 4 Oct 2017 22:52

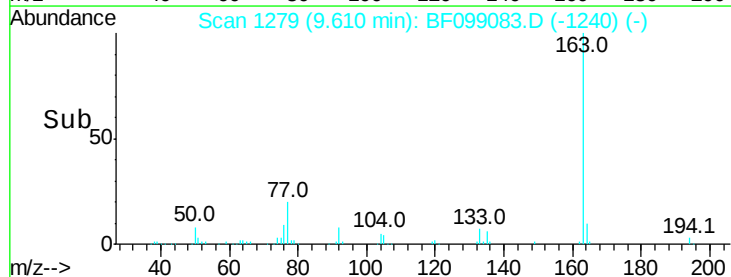
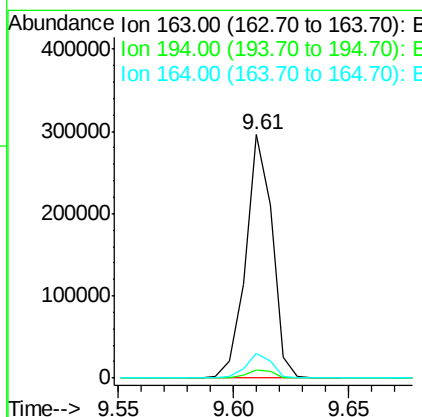
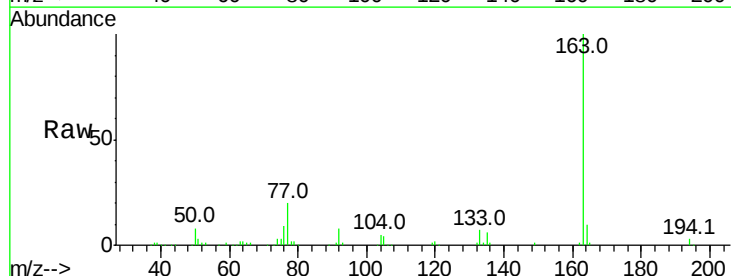
Instrument :
BNA_F
ClientSampleId :
TP-12-13-COMP

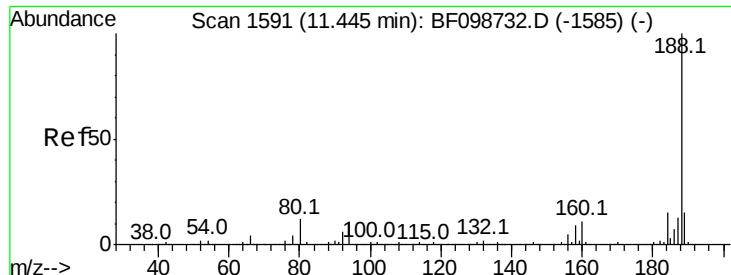
Tot Ion:172 Resp: 1196254
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.7 19.6 29.4



#49
Dimethylphthalate
Concen: 12.603 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BF099083.D
Acq: 4 Oct 2017 22:52

Tgt Ion:163 Resp: 236442
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.9 8.2 12.2

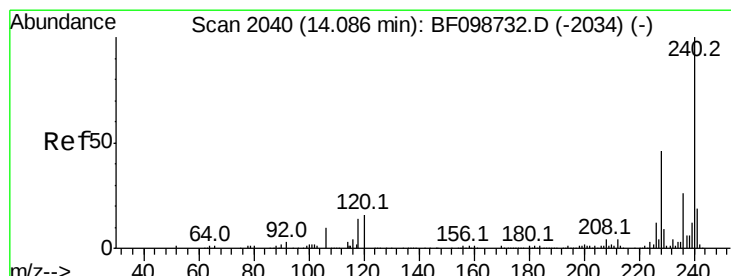
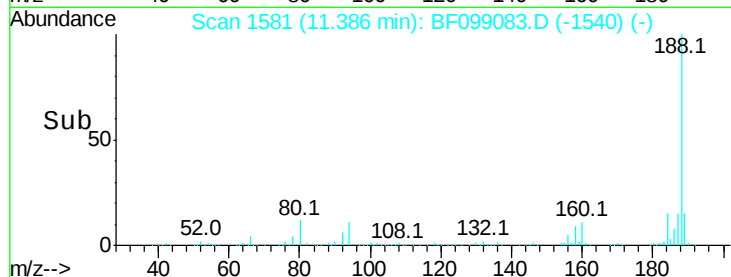
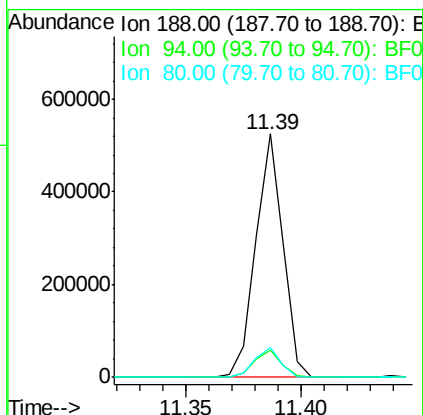
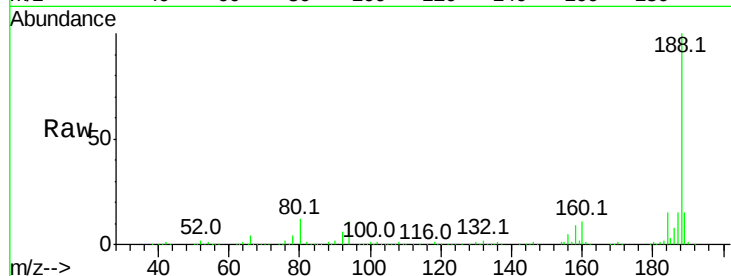




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.06 min
Lab File: BF099083.D
Acq: 4 Oct 2017 22:52

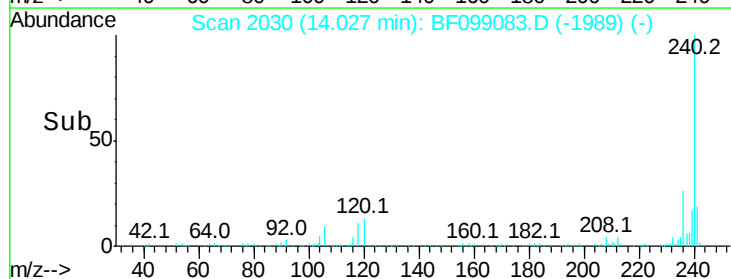
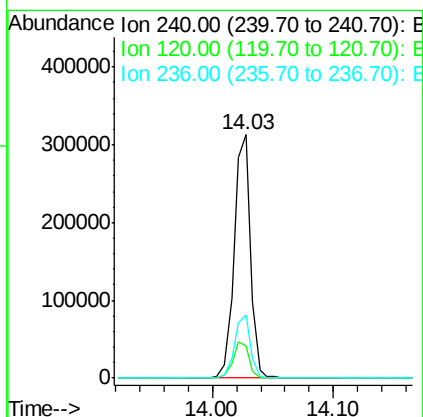
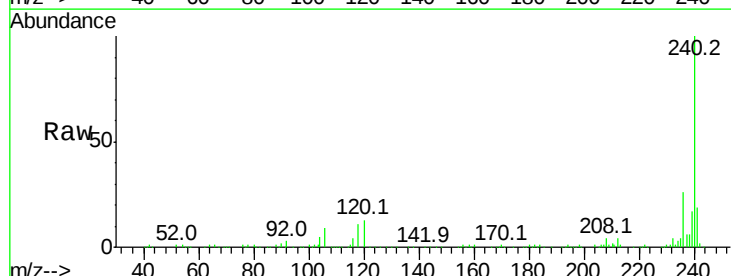
Instrument :
BNA_F
ClientSampleId :
TP-12-13-COMP

Tot Ion:188 Resp: 433965
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.06 min
Lab File: BF099083.D
Acq: 4 Oct 2017 22:52

Tgt Ion:240 Resp: 295477
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 75.462 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.06 min

Lab File: BF099083.D

Acq: 4 Oct 2017 22:52

Instrument :

BNA_F

ClientSampleId :

TP-12-13-COMP

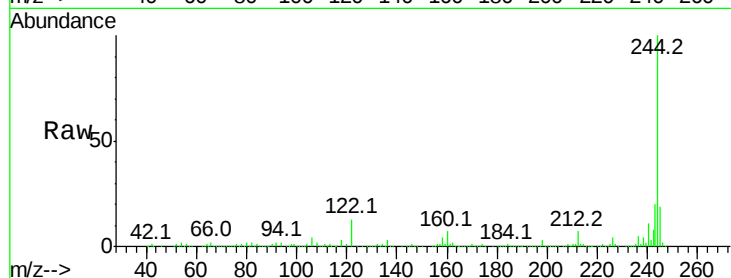
Tot Ion:244 Resp: 980447

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

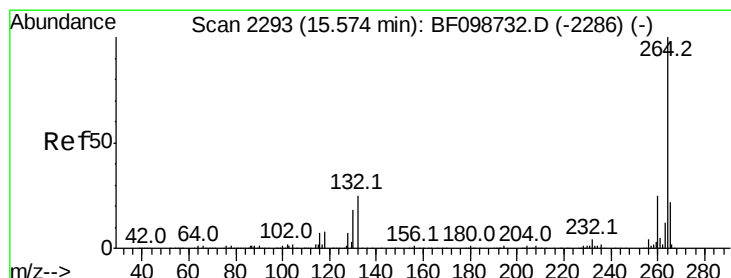
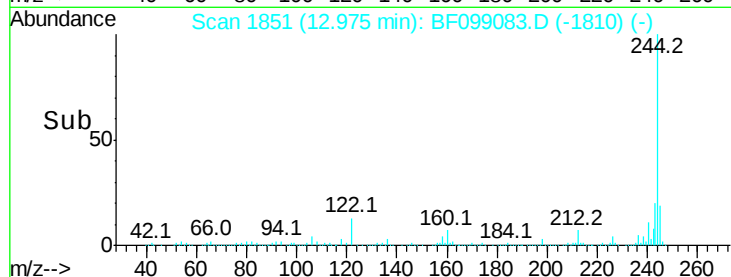
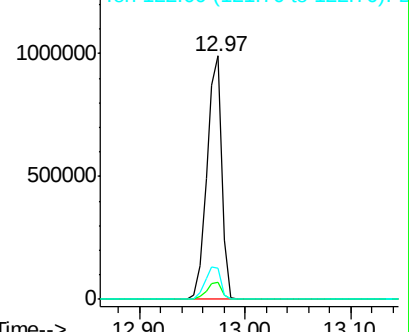
122 12.7 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.08 min

Lab File: BF099083.D

Acq: 4 Oct 2017 22:52

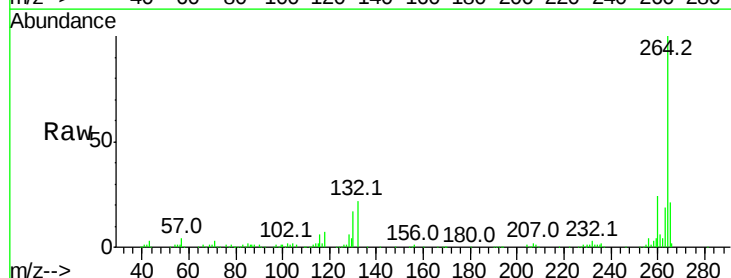
Tgt Ion:264 Resp: 199281

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 20.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

