

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
 Data File : BF099084.D
 Acq On : 4 Oct 2017 23:20
 Operator : SJ/JU
 Sample : I5644-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-COMP

Quant Time: Oct 05 05:35:41 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

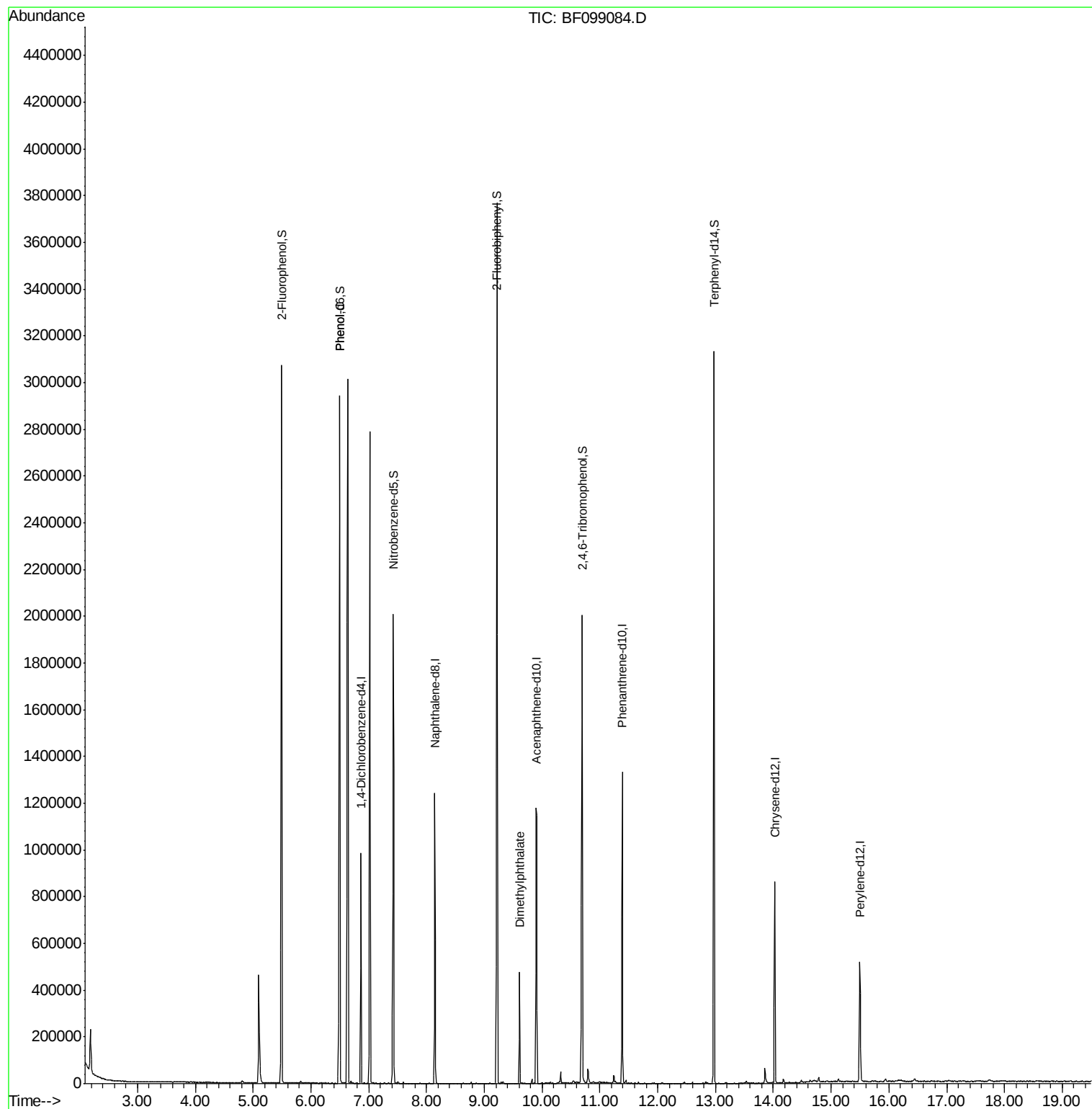
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	131572	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	541078	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	248824	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	438243	20.00	ng	-0.06
75) Chrysene-d12	14.03	240	291147	20.00	ng	-0.06
86) Perylene-d12	15.50	264	205936	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1010481	122.26	ng	-0.05
7) Phenol-d6	6.50	99	1209371	118.61	ng	-0.05
23) Nitrobenzene-d5	7.43	82	745369	88.34	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	249148	122.37	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1274594	85.52	ng	-0.06
78) Terphenyl-d14	12.97	244	1074021	83.89	ng	-0.06
Target Compounds						
10) Phenol	6.50	94	25844	2.266	ng	Qvalue # 55
49) Dimethylphthalate	9.61	163	184831	9.842	ng	100

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

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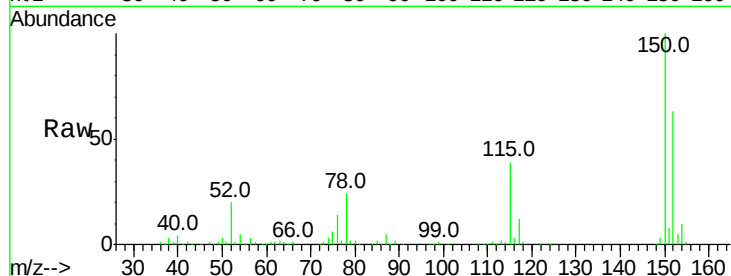


#1

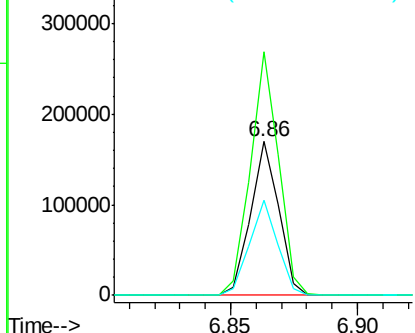
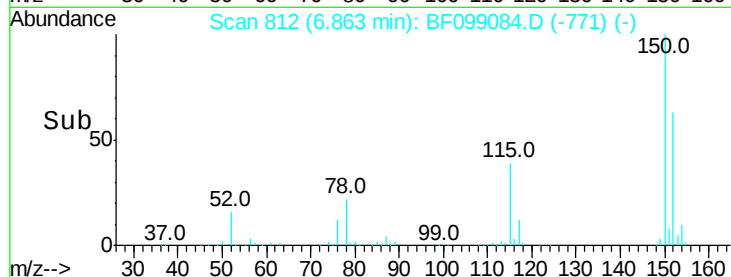
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF099084.D
Acq: 4 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :
TP-14-COMP

Tot Ion:152 Resp: 131572
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 62.1 50.1 75.1



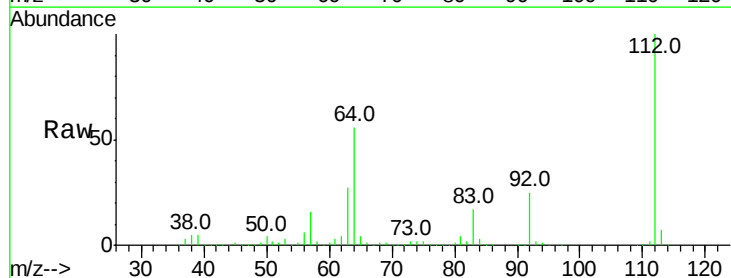
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



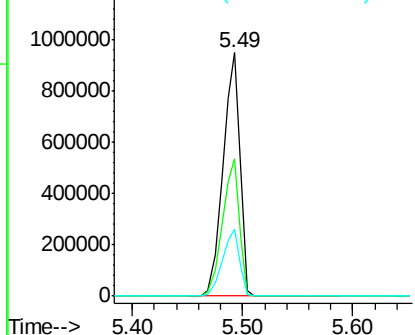
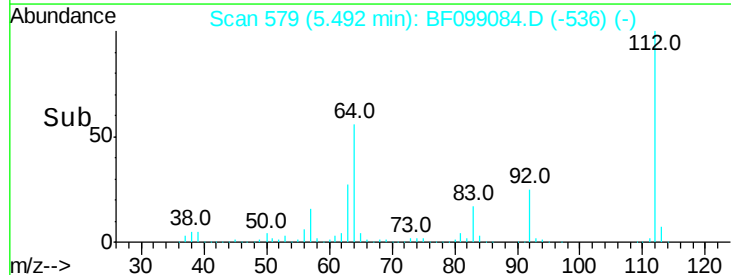
#5

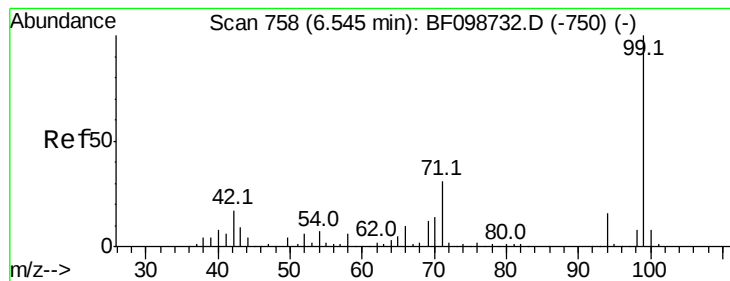
2-Fluorophenol
Concen: 122.259 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.05 min
Lab File: BF099084.D
Acq: 4 Oct 2017 23:20

Tgt Ion:112 Resp: 1010481
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 27.5 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: 118.613 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF099084.D

Acq: 4 Oct 2017 23:20

Instrument :

BNA_F

ClientSampled :

TP-14-COMP

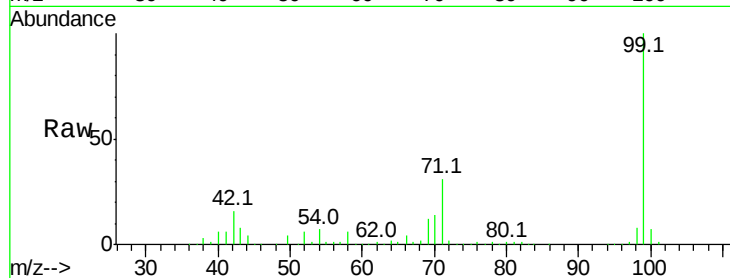
Tot Ion: 99 Resp: 1209371

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

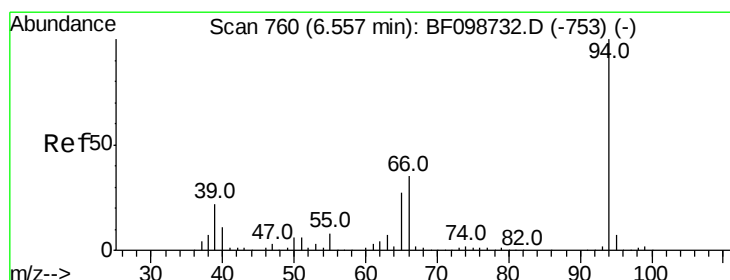
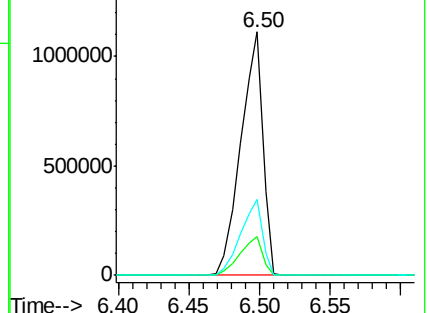
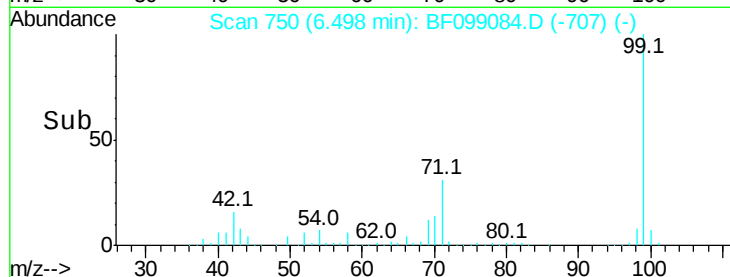
71 31.2 25.4 38.0



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



#10

Phenol

Concen: 2.266 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.05 min

Lab File: BF099084.D

Acq: 4 Oct 2017 23:20

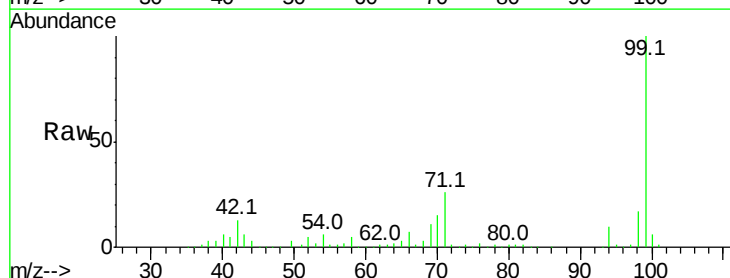
Tgt Ion: 94 Resp: 25844

Ion Ratio Lower Upper

94 100

65 36.1 7.9 47.9

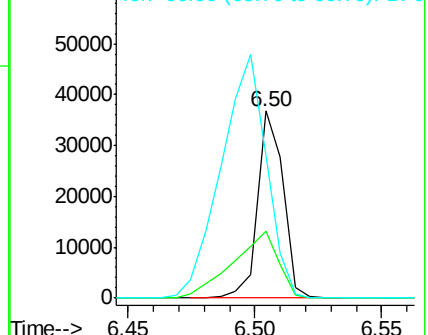
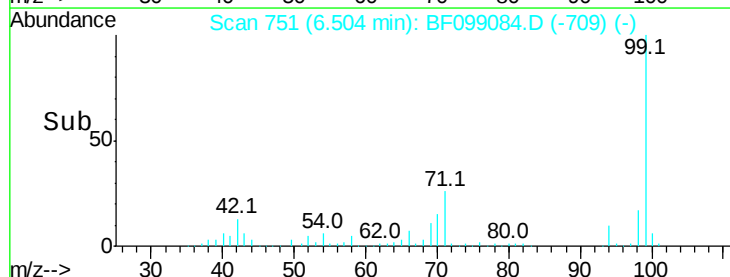
66 76.4 16.2 56.2#

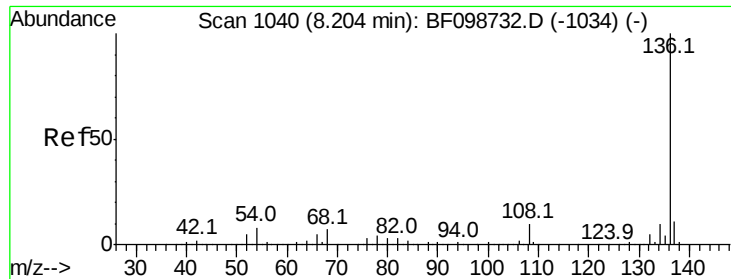


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

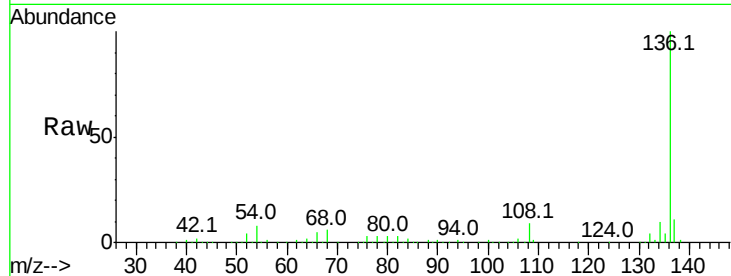




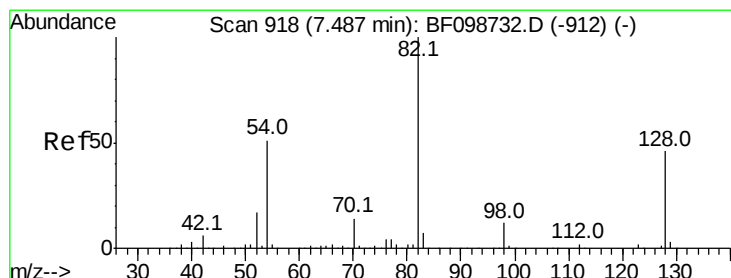
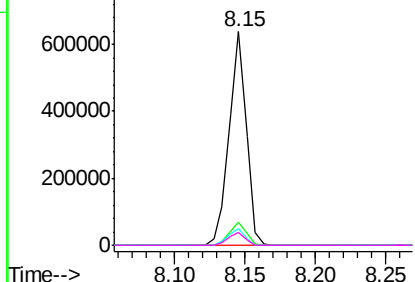
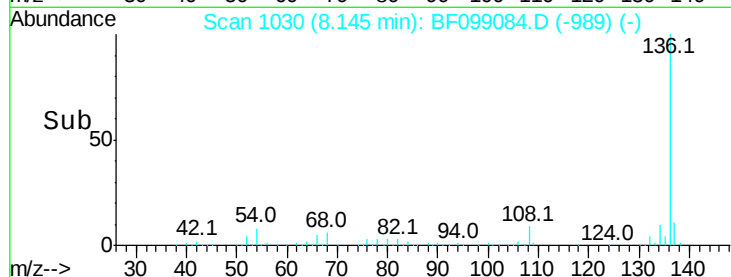
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF099084.D
Acq: 4 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :
TP-14-COMP

Tot Ion:	136	Resp:	541078
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.5	6.6	9.8
68	6.0	5.0	7.4

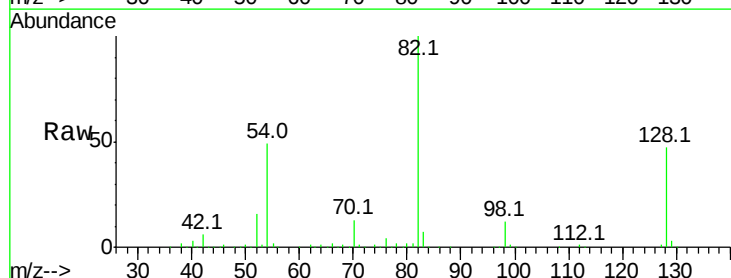


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

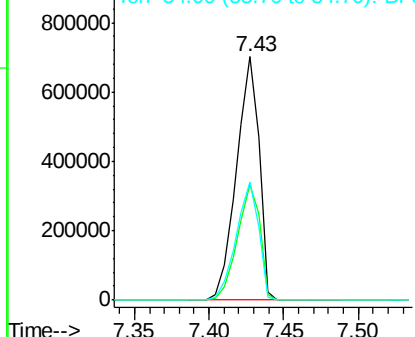
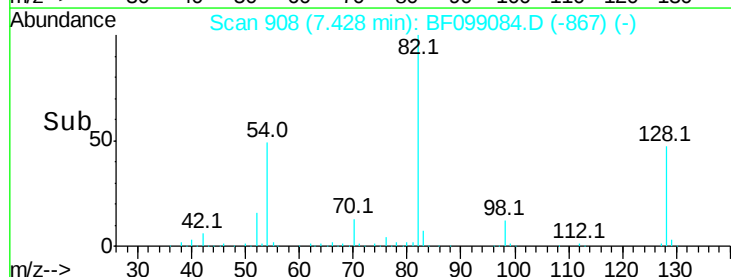


#23
Nitrobenzene-d5
Concen: 88.343 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.06 min
Lab File: BF099084.D
Acq: 4 Oct 2017 23:20

Tgt Ion:	82	Resp:	745369
Ion	Ratio	Lower	Upper
82	100		
128	47.2	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

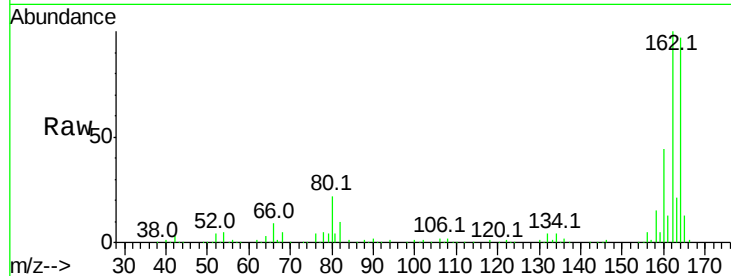




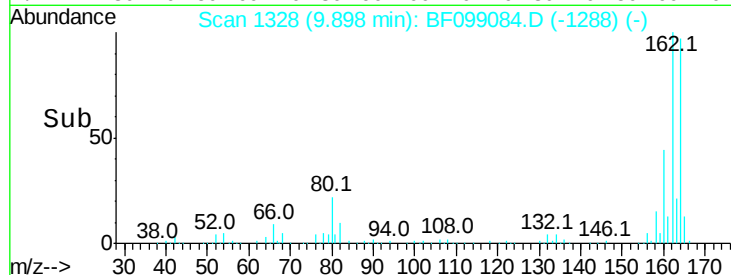
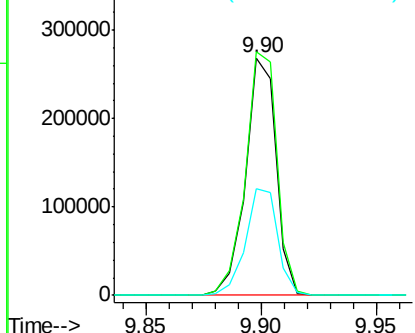
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.06 min
Lab File: BF099084.D
Acq: 4 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :
TP-14-COMP

Tot Ion:164 Resp: 248824
Ion Ratio Lower Upper
164 100
162 102.6 86.1 129.1
160 44.8 38.3 57.5

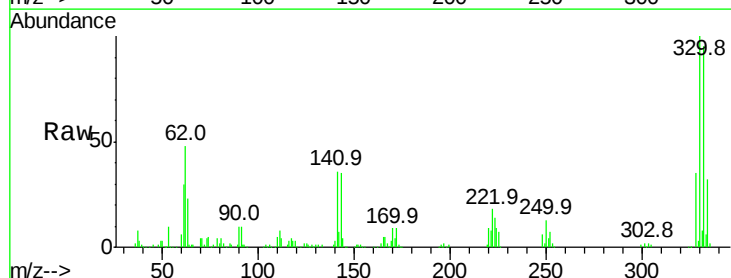


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

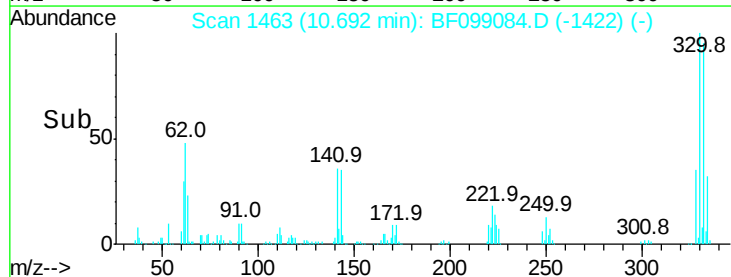
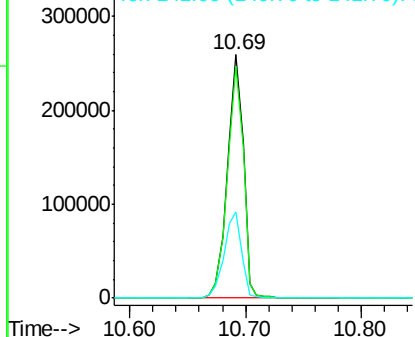


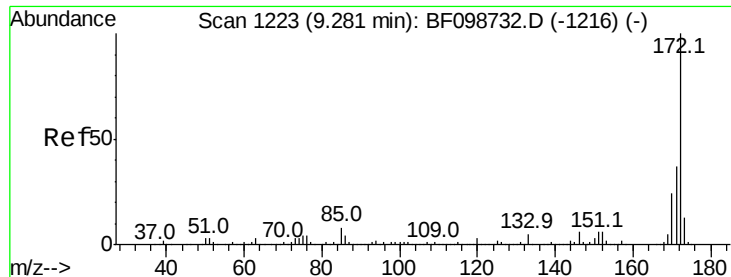
#41
2,4,6-Tribromophenol
Concen: 122.368 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.06 min
Lab File: BF099084.D
Acq: 4 Oct 2017 23:20

Tgt Ion:330 Resp: 249148
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 38.8 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



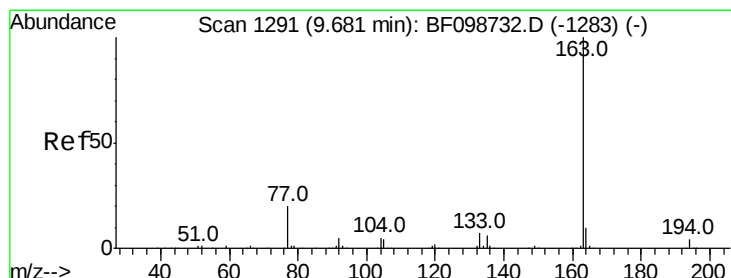
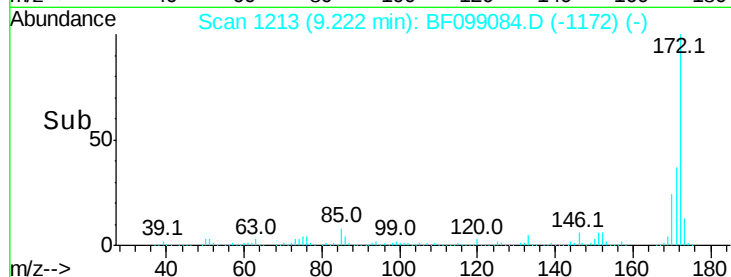
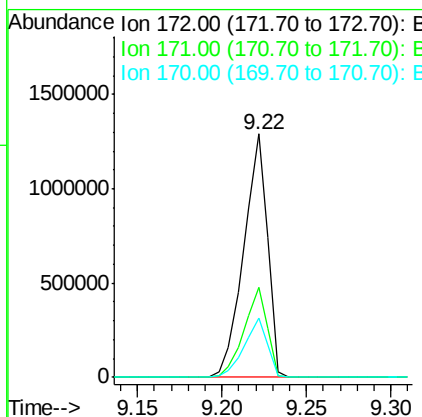
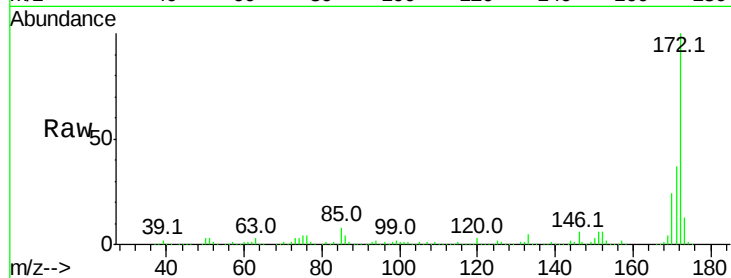


#44
 2-Fluorobiphenyl
 Concen: 85.515 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.06 min
 Lab File: BF099084.D
 Acq: 4 Oct 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-COMP

Tot Ion:172 Resp: 1274594

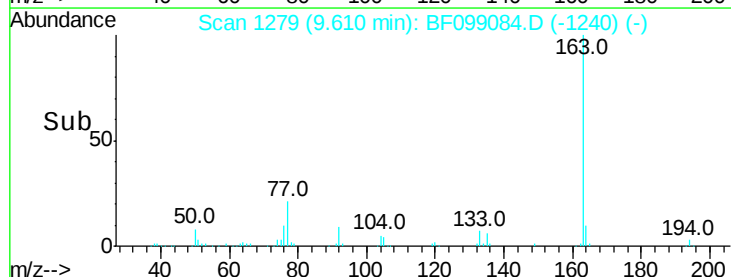
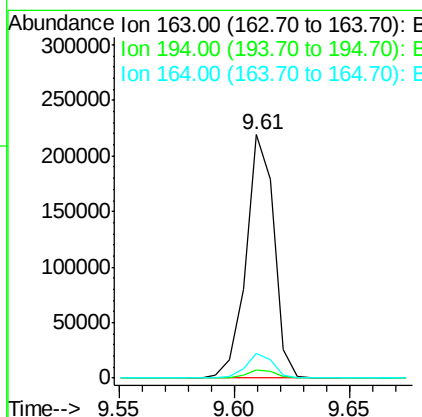
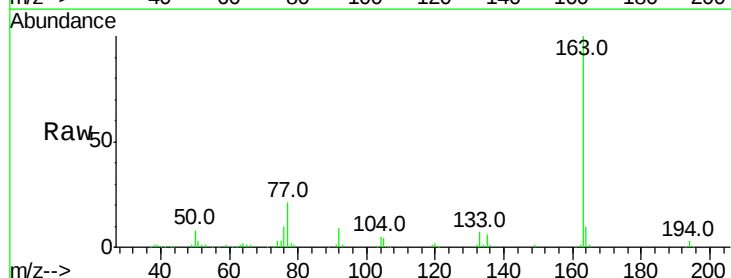
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.2	19.6	29.4

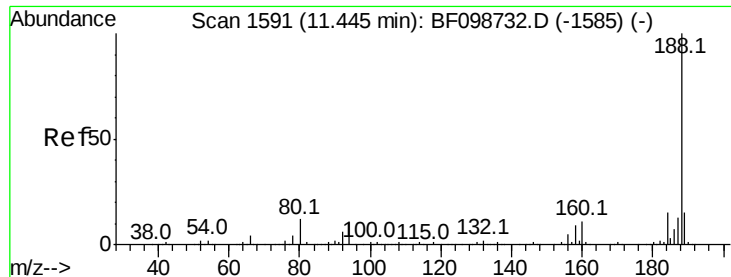


#49
 Dimethylphthalate
 Concen: 9.842 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.07 min
 Lab File: BF099084.D
 Acq: 4 Oct 2017 23:20

Tgt Ion:163 Resp: 184831

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.1	8.2	12.2

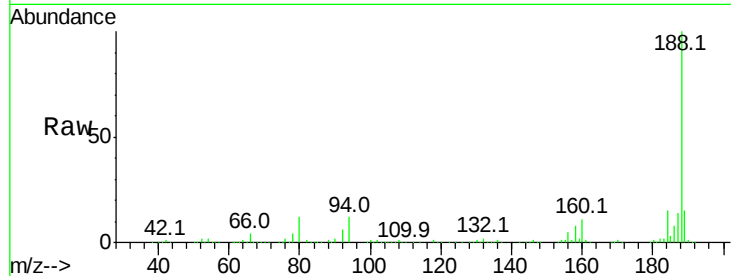




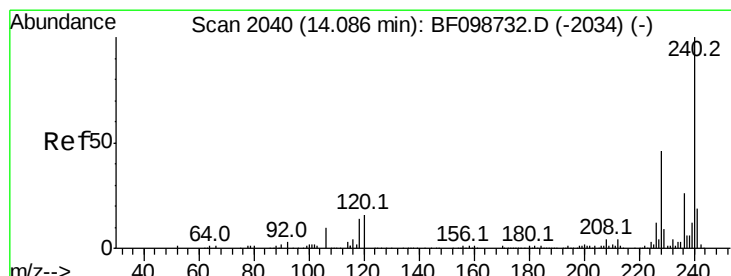
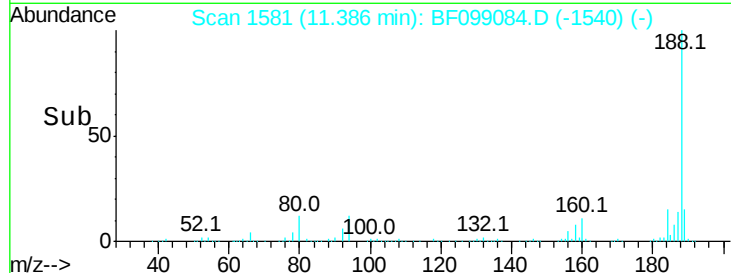
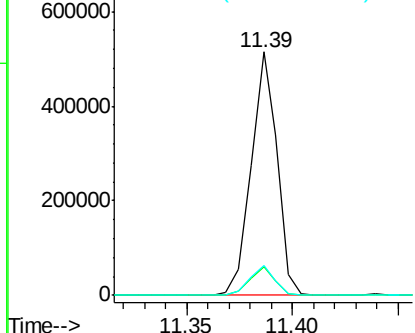
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.06 min
 Lab File: BF099084.D
 Acq: 4 Oct 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-COMP

Tot Ion:188 Resp: 438243
 Ion Ratio Lower Upper
 188 100
 94 11.6 8.5 12.7
 80 12.2 9.2 13.8

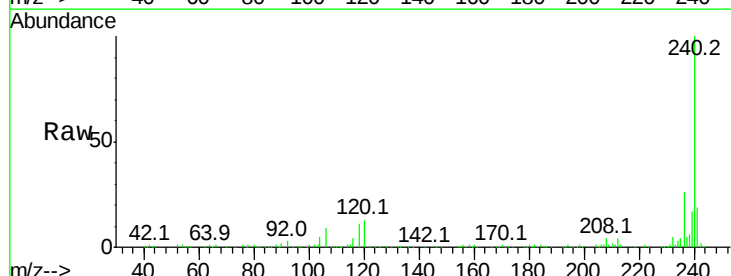


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

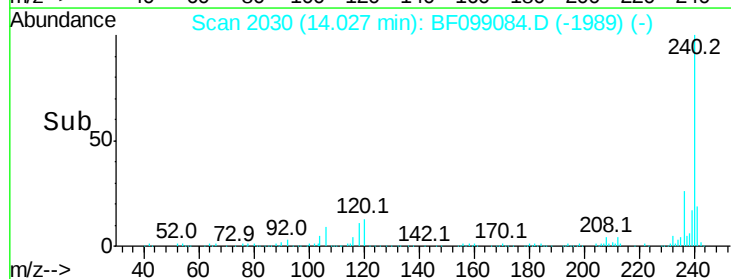
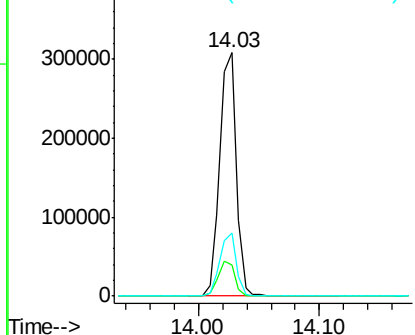


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.06 min
 Lab File: BF099084.D
 Acq: 4 Oct 2017 23:20

Tgt Ion:240 Resp: 291147
 Ion Ratio Lower Upper
 240 100
 120 12.9 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: 83.894 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.06 min

Lab File: BF099084.D

Acq: 4 Oct 2017 23:20

Instrument :

BNA_F

ClientSampleId :

TP-14-COMP

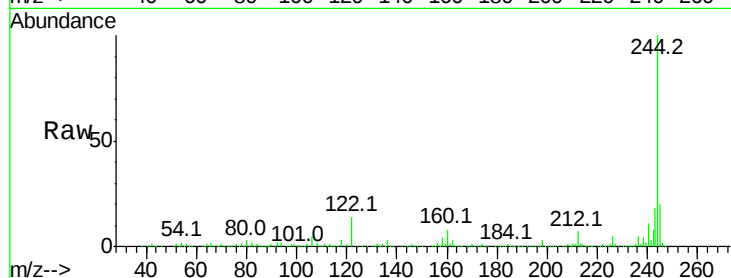
Tot Ion:244 Resp: 1074021

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

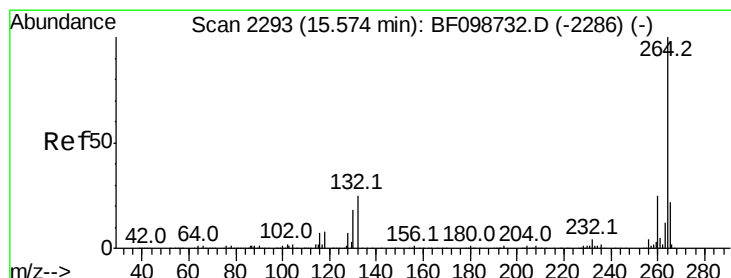
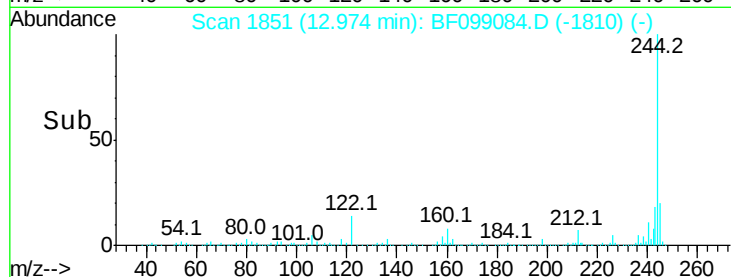
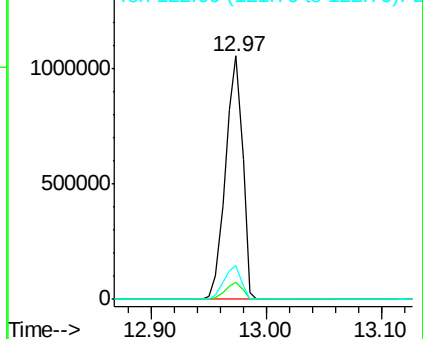
122 14.1 11.0 16.4



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: BF099084.D

Acq: 4 Oct 2017 23:20

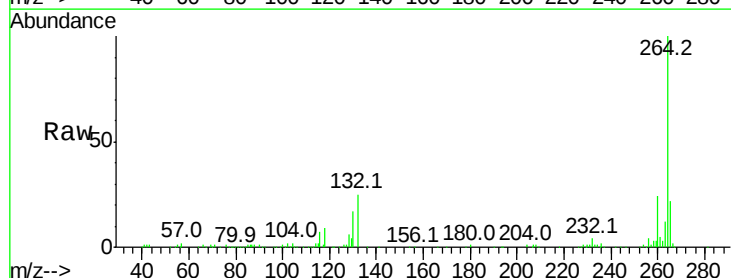
Tgt Ion:264 Resp: 205936

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.6 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

