

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099630.D
 Acq On : 18 Oct 2017 21:14
 Operator : SJ/JU
 Sample : I5930-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-B

Quant Time: Oct 18 22:48:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

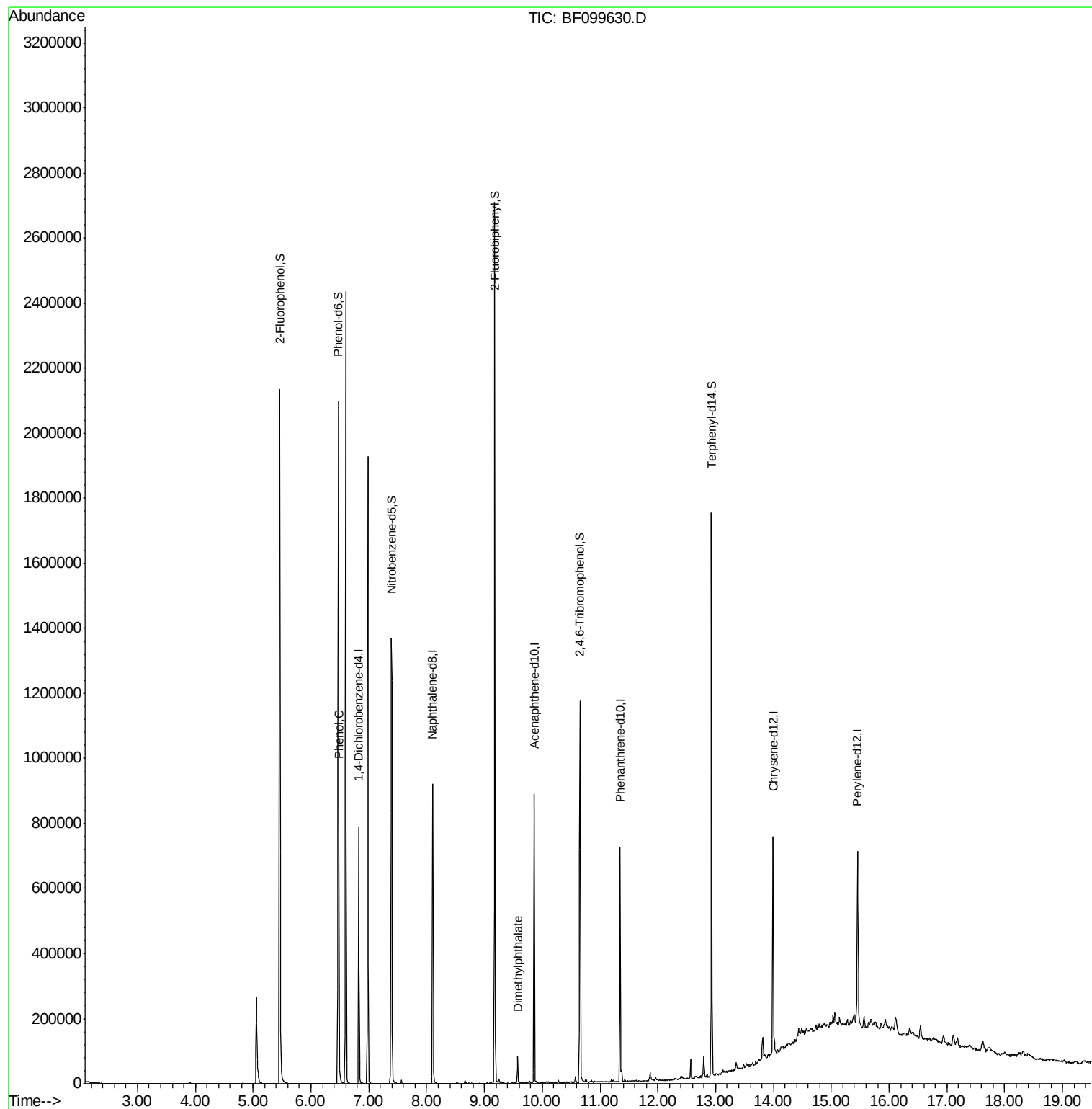
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	119137	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	463214	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	181144	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	257972	20.00	ng	0.00
75) Chrysene-d12	13.99	240	225033	20.00	ng	0.00
86) Perylene-d12	15.46	264	227757	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	728256	97.31	ng	0.01
7) Phenol-d6	6.47	99	849894	92.06	ng	0.00
23) Nitrobenzene-d5	7.39	82	503298	69.68	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	132410	89.33	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	860488	79.30	ng	0.00
78) Terphenyl-d14	12.93	244	548259	55.41	ng	0.00
Target Compounds						
10) Phenol	6.49	94	36696	3.554	ng	92
49) Dimethylphthalate	9.57	163	30697	2.245	ng	99

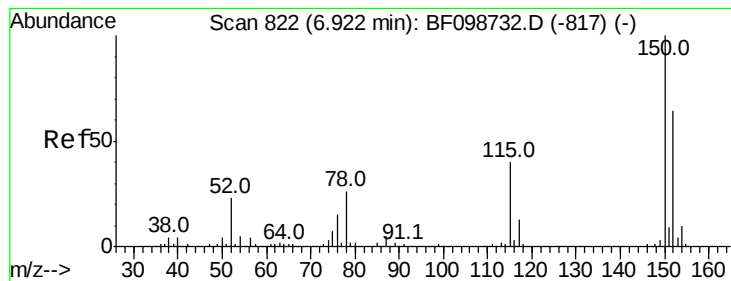
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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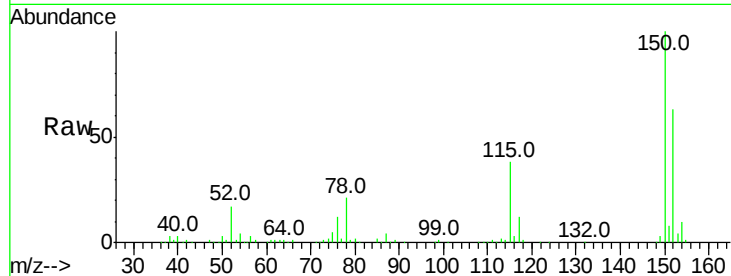


#1

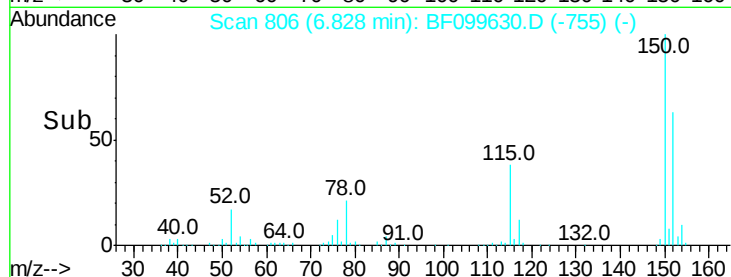
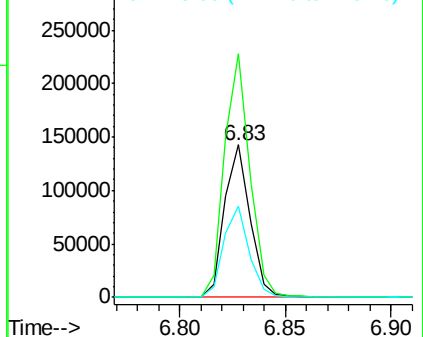
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF099630.D
 Acq: 18 Oct 2017 21:14

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-B

Tot Ion:152 Resp: 119137
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.6 186.8
 115 60.0 50.1 75.1



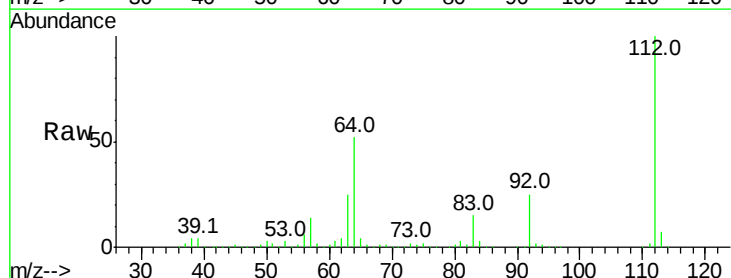
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



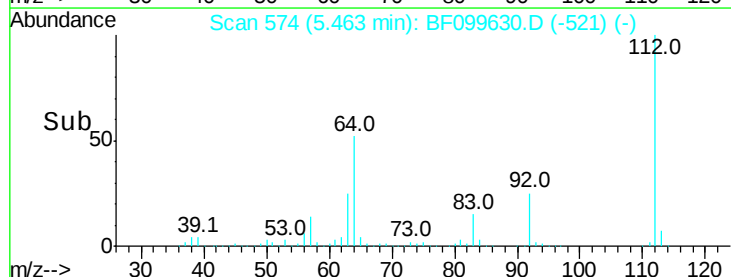
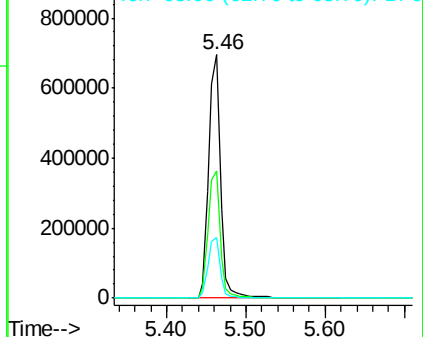
#5

2-Fluorophenol
 Concen: 97.309 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: BF099630.D
 Acq: 18 Oct 2017 21:14

Tgt Ion:112 Resp: 728256
 Ion Ratio Lower Upper
 112 100
 64 52.0 47.9 71.9
 63 25.0 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: 92.057 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099630.D

Acq: 18 Oct 2017 21:14

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-012-B

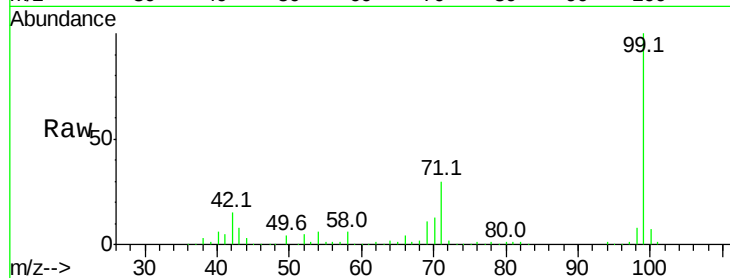
Tot Ion: 99 Resp: 849894

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

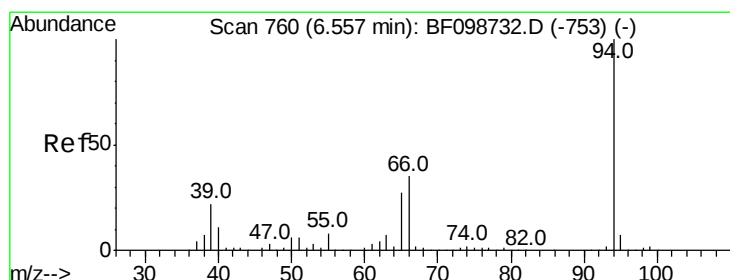
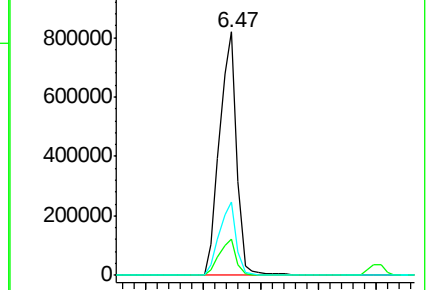
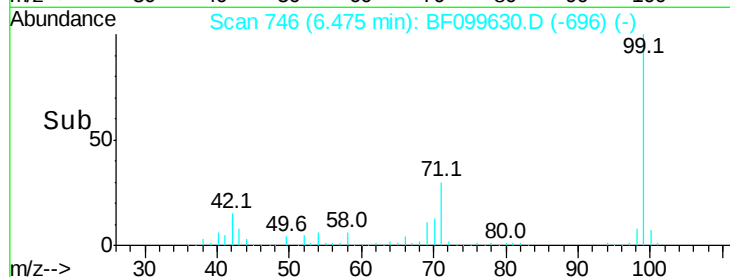
71 30.3 25.4 38.0



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: 3.554 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099630.D

Acq: 18 Oct 2017 21:14

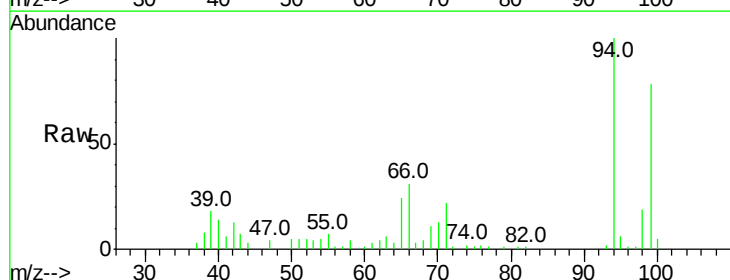
Tgt Ion: 94 Resp: 36696

Ion Ratio Lower Upper

94 100

65 23.7 7.9 47.9

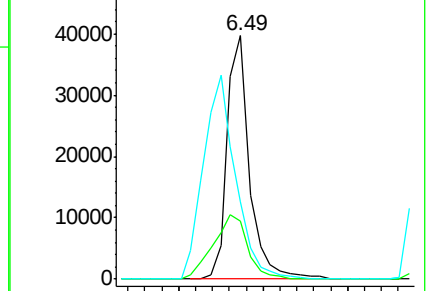
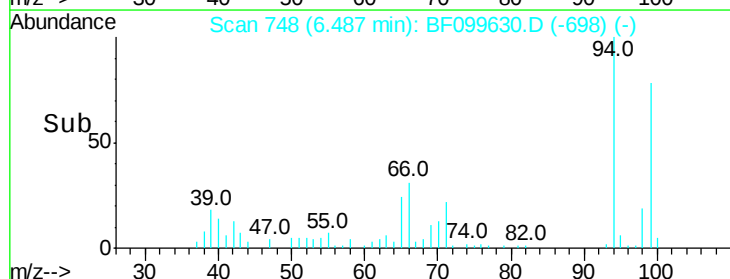
66 31.5 16.2 56.2



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

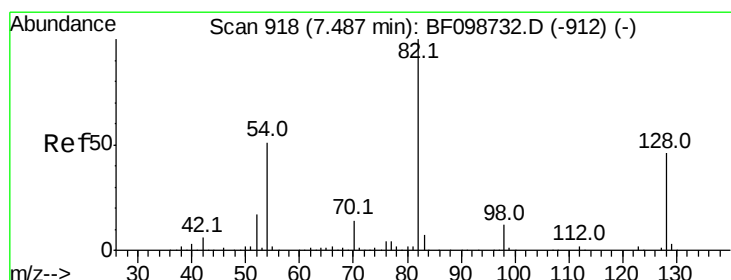
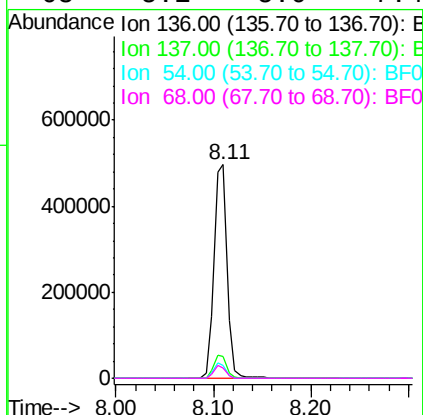
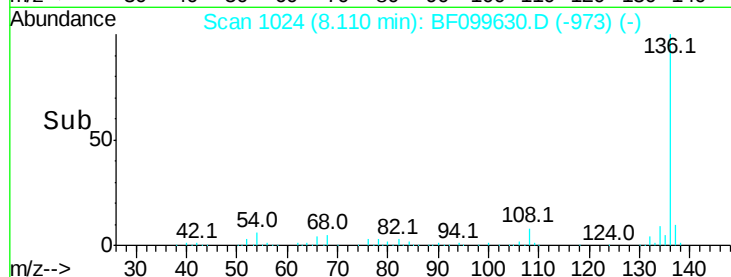
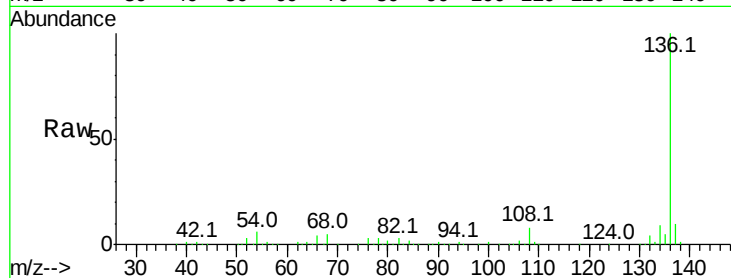




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

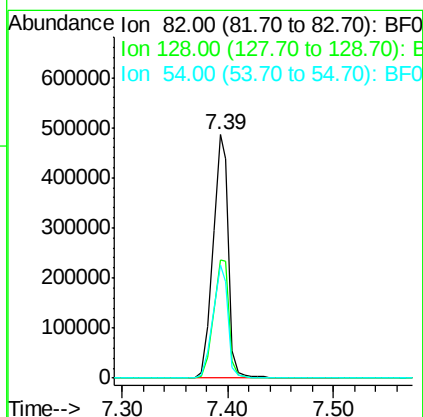
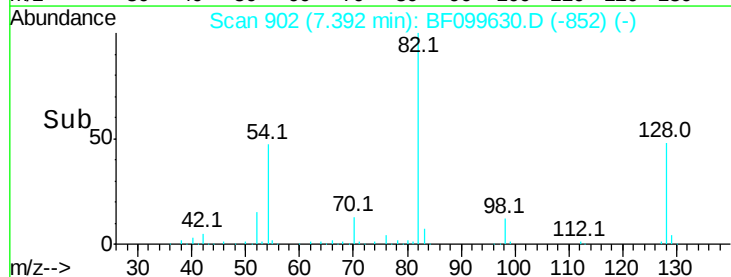
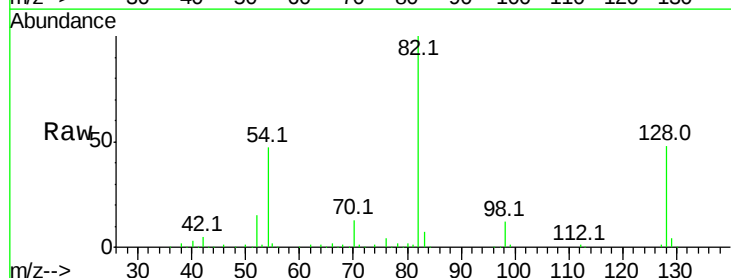
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-B

Tot Ion:	136	Resp:	463214
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	6.2	6.6	9.8#
68	5.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 69.680 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Tgt Ion:	82	Resp:	503298
Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.1	54.1
54	46.7	41.4	62.2

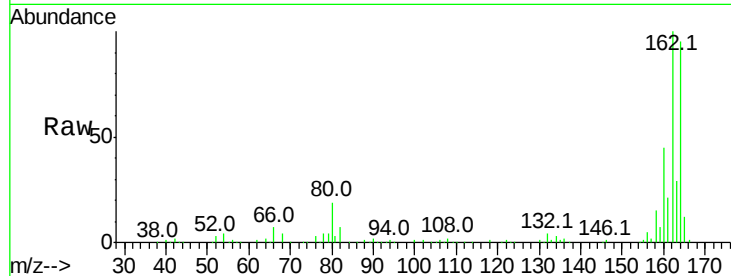




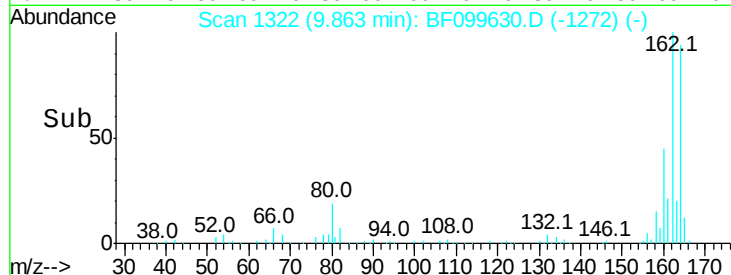
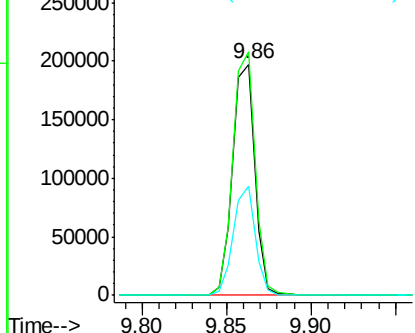
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-B

Tot Ion:164 Resp: 181144
Ion Ratio Lower Upper
164 100
162 105.5 86.1 129.1
160 47.1 38.3 57.5

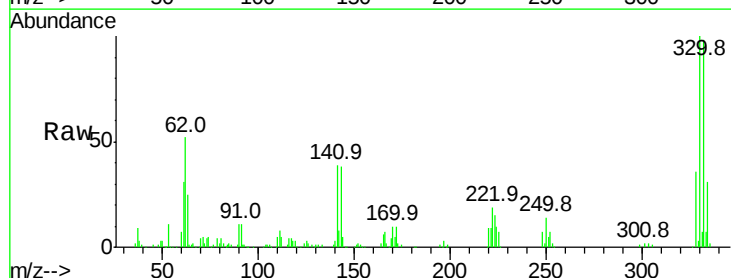


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

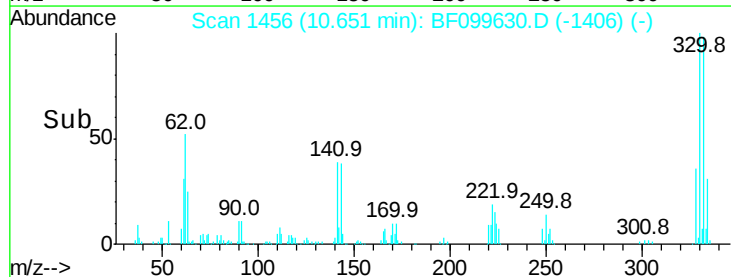
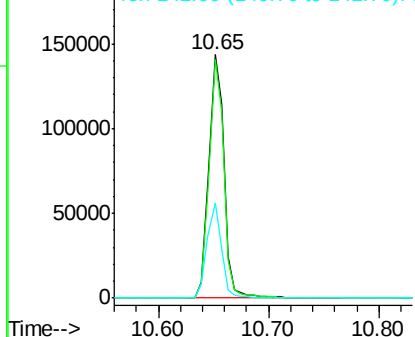


#41
2,4,6-Tribromophenol
Concen: 89.330 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Tgt Ion:330 Resp: 132410
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 37.6 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

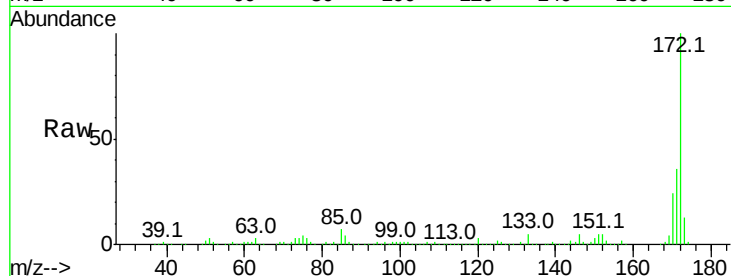




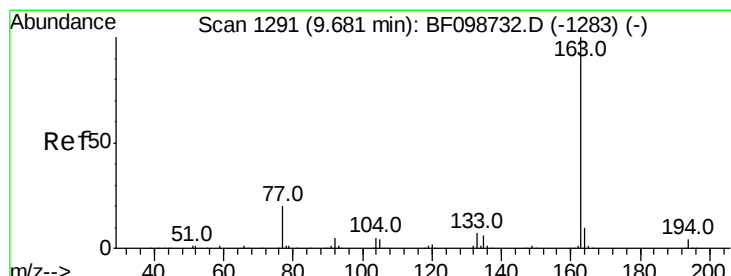
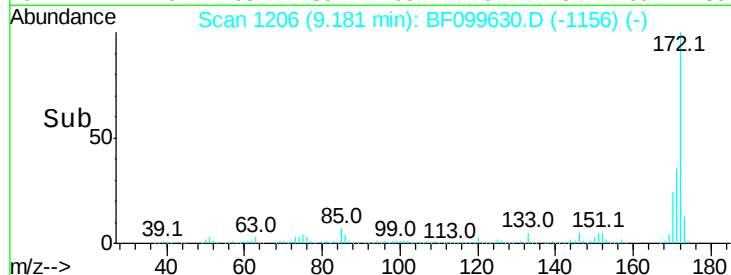
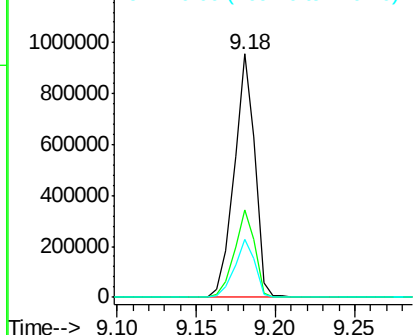
#44
2-Fluorobiphenyl
Concen: 79.302 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-B

Tot Ion:172 Resp: 860488
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.8 19.6 29.4

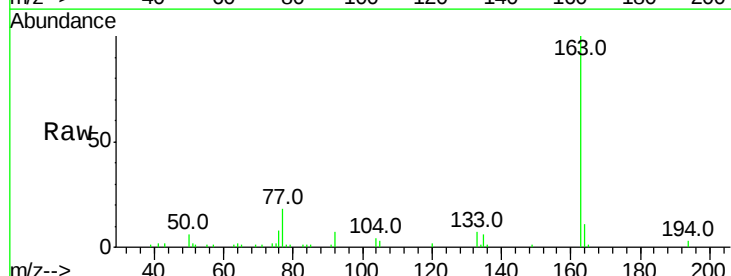


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

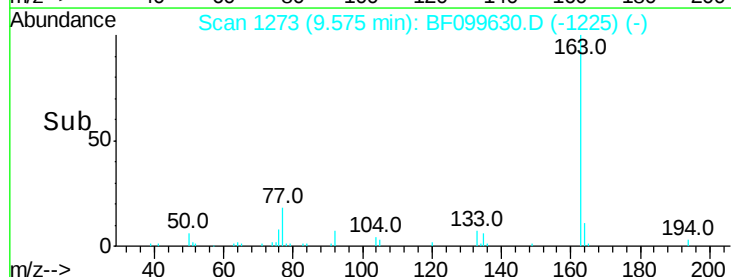
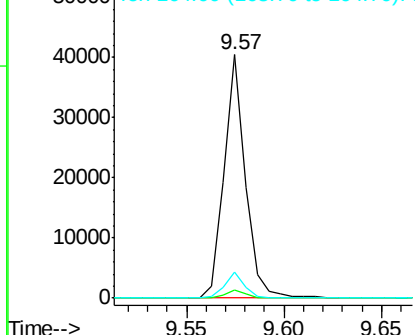


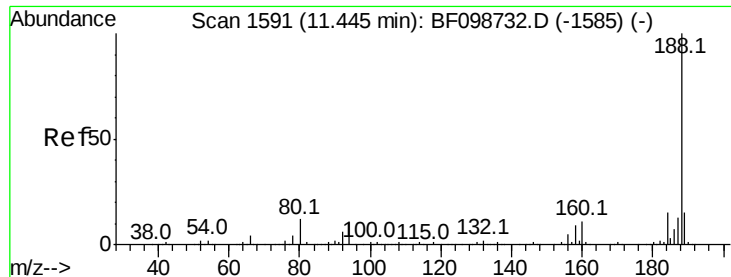
#49
Dimethylphthalate
Concen: 2.245 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Tgt Ion:163 Resp: 30697
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.9 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

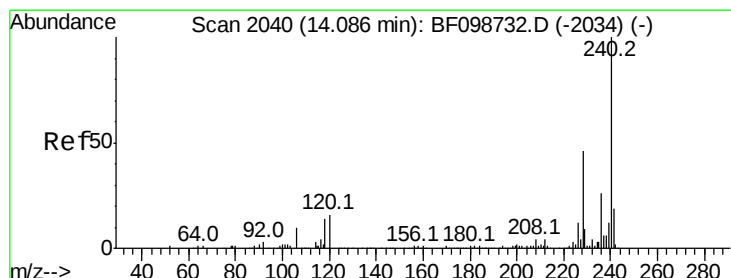
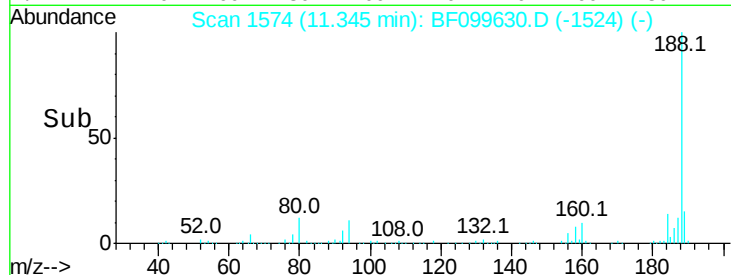
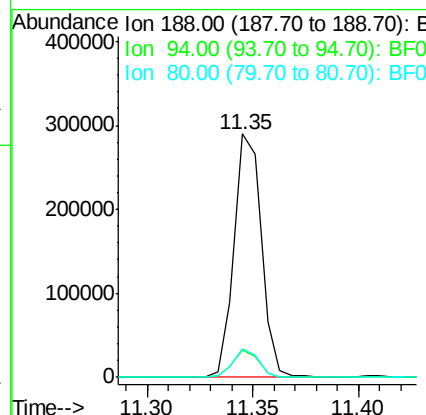
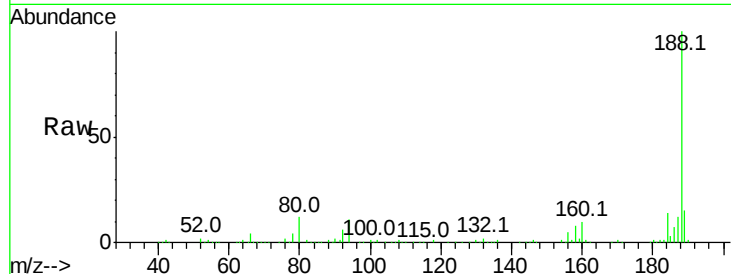




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

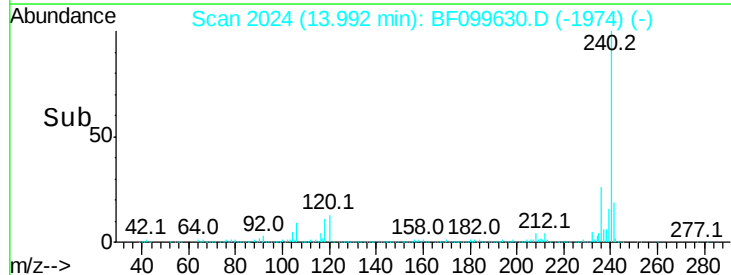
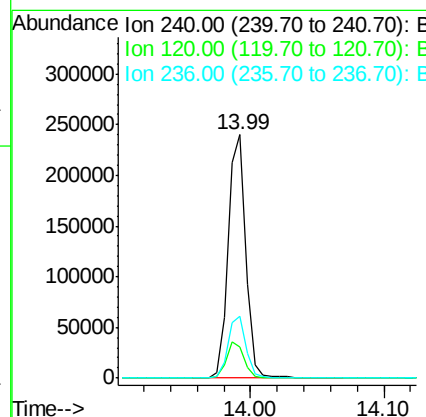
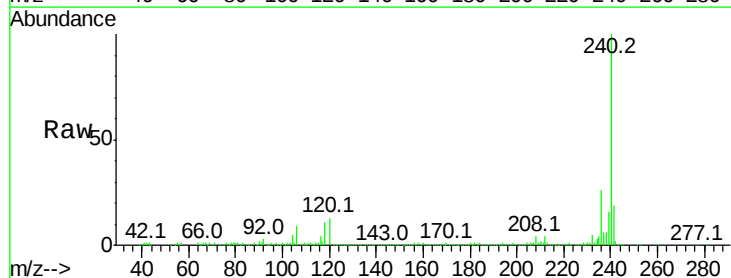
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-B

Tot Ion:188 Resp: 257972
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Tgt Ion:240 Resp: 225033
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 25.6 20.7 31.1

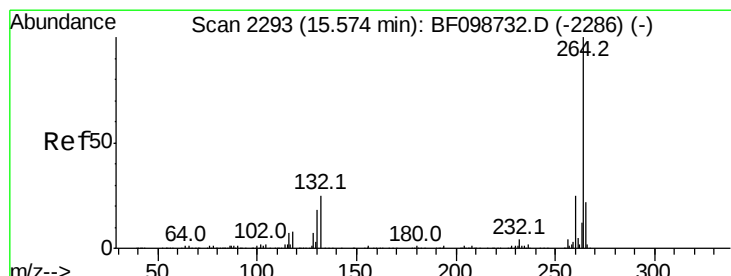
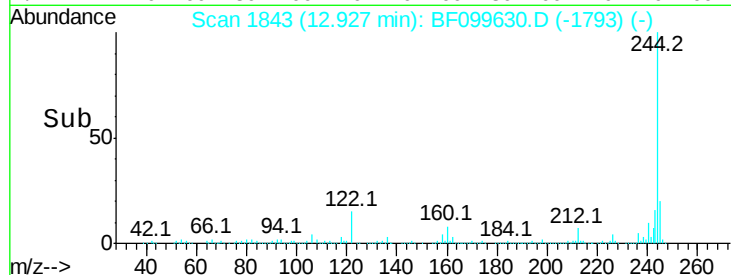
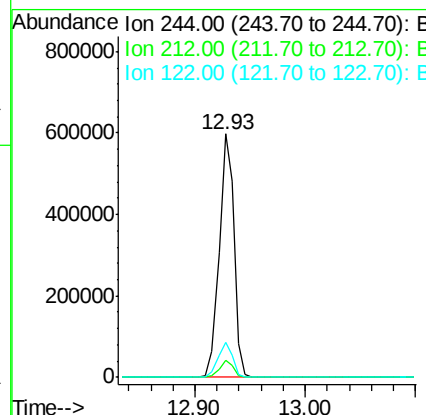
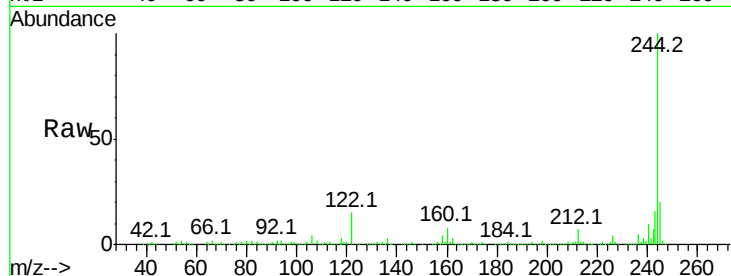




#78
 Terphenyl-d14
 Concen: 55.407 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF099630.D
 Acq: 18 Oct 2017 21:14

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-B

Tot Ion:244 Resp: 548259
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF099630.D
 Acq: 18 Oct 2017 21:14

Tgt Ion:264 Resp: 227757
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.3 17.5 26.3

