

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
 Data File : BF096924.D
 Acq On : 20 Jul 2017 23:53
 Operator : SJ/JU
 Sample : I4310-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3-10GRIT-COMP

Quant Time: Jul 21 08:02:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

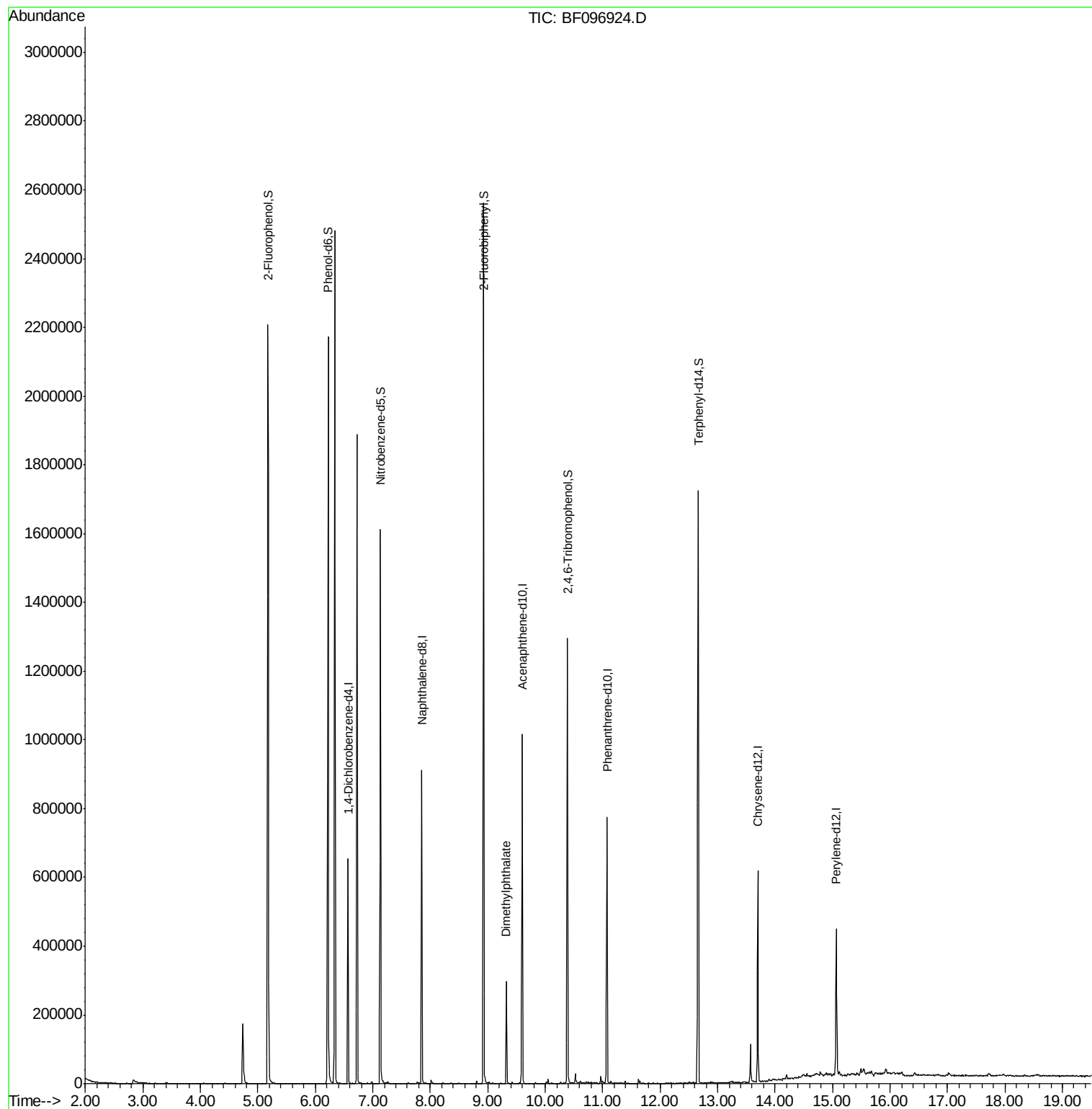
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	98931	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	431289	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	191265	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	277209	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	196094	20.00	ng	-0.04
86) Perylene-d12	15.07	264	187513	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	644756	97.99	ng	-0.02
7) Phenol-d6	6.22	99	810476	102.65	ng	-0.03
23) Nitrobenzene-d5	7.13	82	479027	68.80	ng	-0.04
41) 2,4,6-Tribromophenol	10.39	330	154275	94.50	ng	-0.04
44) 2-Fluorobiphenyl	8.93	172	863307	71.31	ng	-0.04
78) Terphenyl-d14	12.66	244	556012	49.17	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.32	163	117521	8.160	ng	# 99

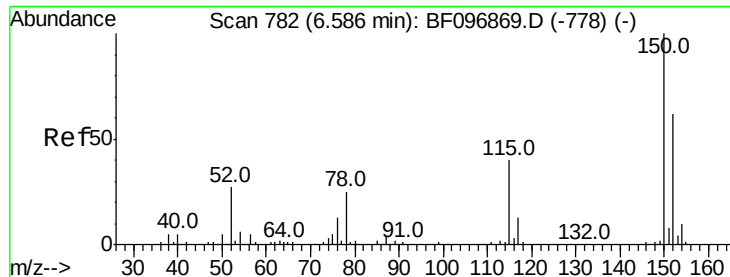
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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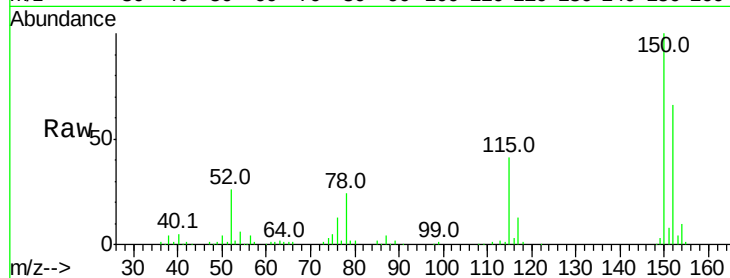


#1

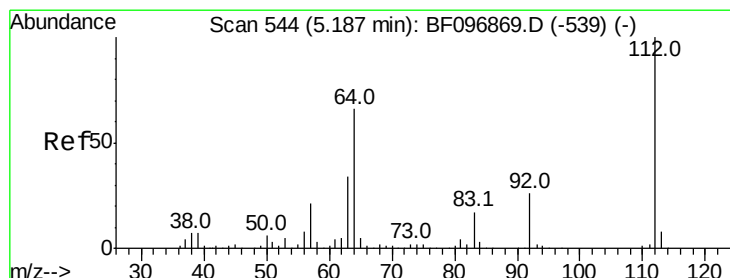
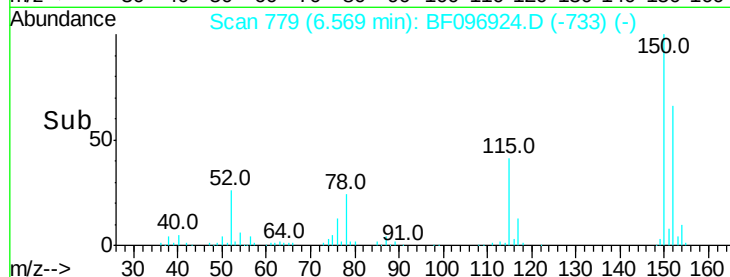
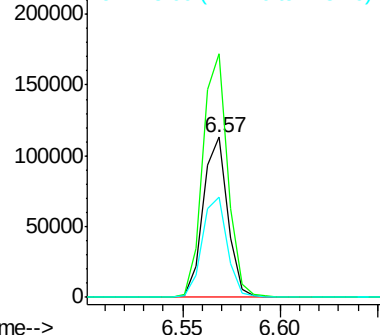
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.57 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096924.D
Acq: 20 Jul 2017 23:53

Instrument :
BNA_F
ClientSampleId :
B3-10GRIT-COMP

Tot Ion:152 Resp: 98931
Ion Ratio Lower Upper
152 100
150 152.0 126.2 189.2
115 62.7 52.2 78.2



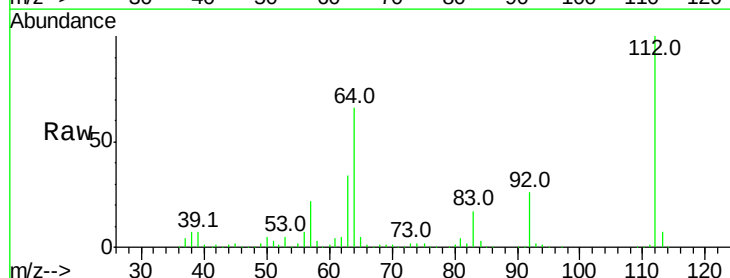
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



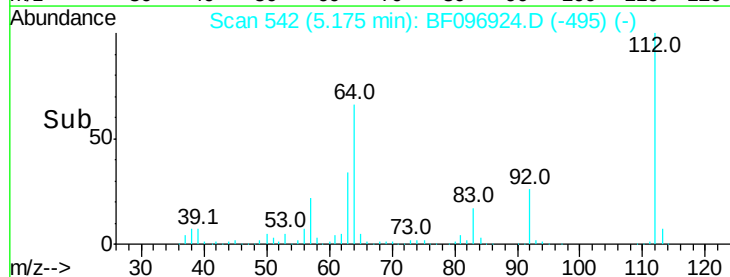
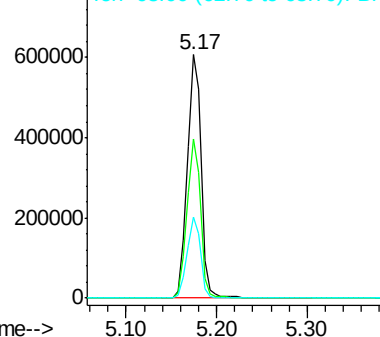
#5

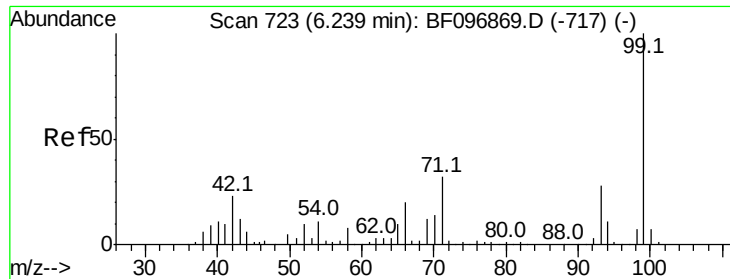
2-Fluorophenol
Concen: 97.992 ng
RT: 5.17 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF096924.D
Acq: 20 Jul 2017 23:53

Tgt Ion:112 Resp: 644756
Ion Ratio Lower Upper
112 100
64 65.6 46.0 69.0
63 33.5 23.4 35.0



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: 102.646 ng

RT: 6.22 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF096924.D

Acq: 20 Jul 2017 23:53

Instrument :

BNA_F

ClientSampleId :

B3-10GRIT-COMP

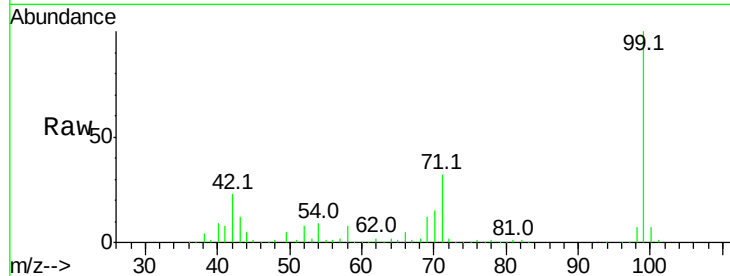
Tot Ion: 99 Resp: 810476

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

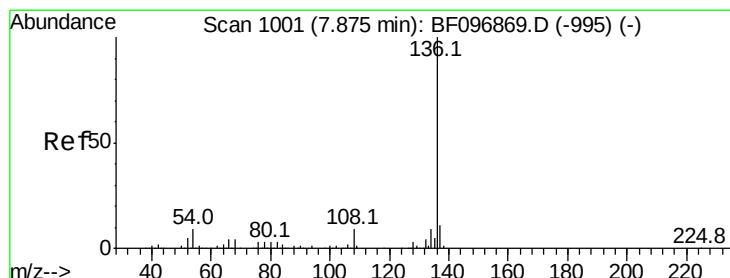
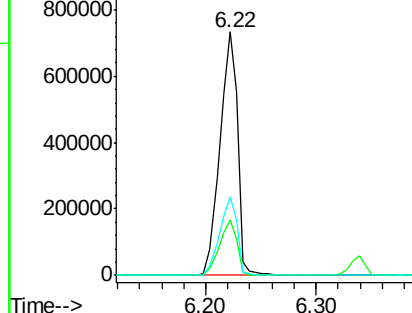
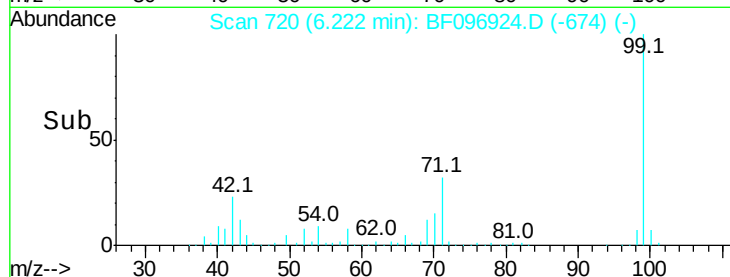
71 32.5 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.85 min Scan# 997

Delta R.T. -0.04 min

Lab File: BF096924.D

Acq: 20 Jul 2017 23:53

Tgt Ion: 136 Resp: 431289

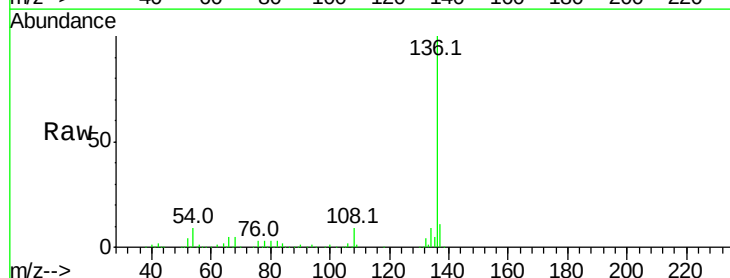
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 9.3 4.9 7.3#

68 5.0 4.1 6.1

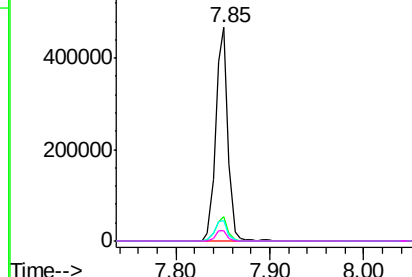
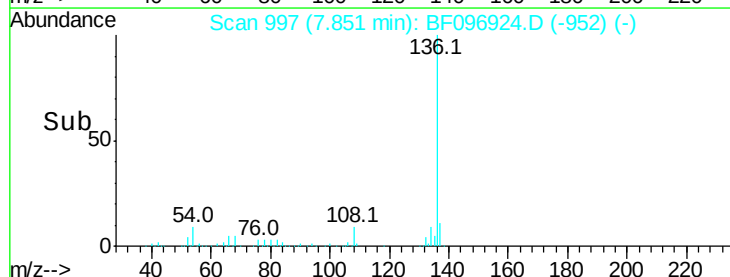


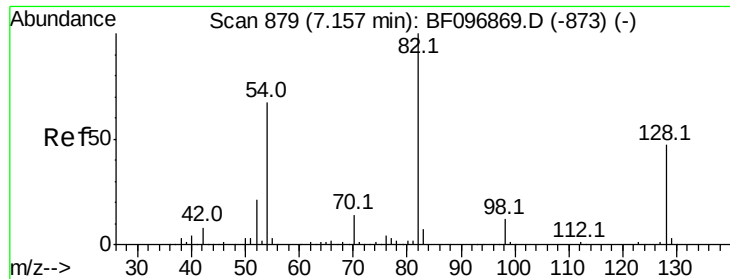
Abundance Ion 136.00 (135.70 to 136.70): E

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

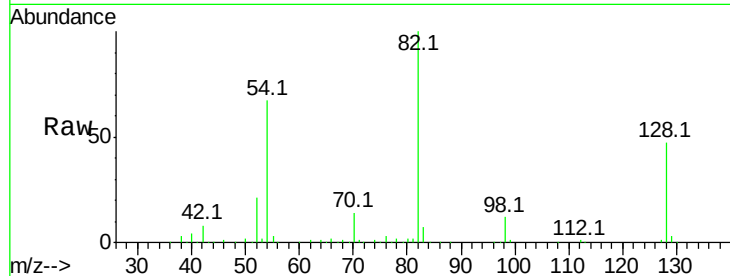




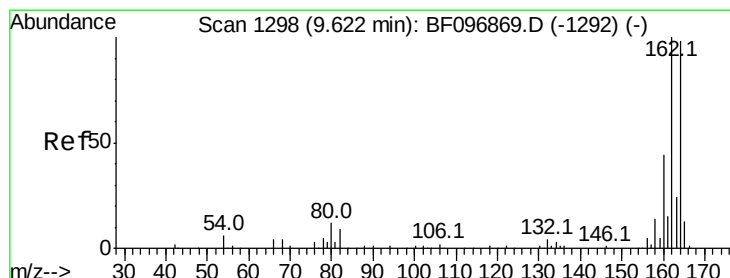
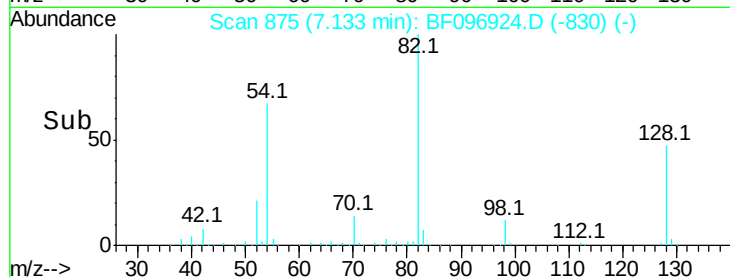
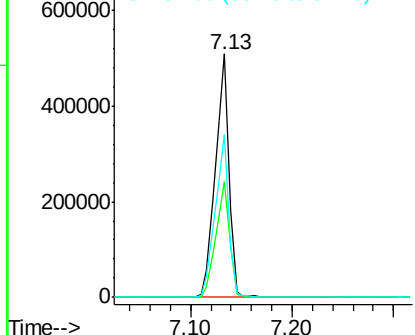
#23
Nitrobenzene-d5
Concen: 68.797 ng
RT: 7.13 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF096924.D
Acq: 20 Jul 2017 23:53

Instrument :
BNA_F
ClientSampleId :
B3-10GRIT-COMP

Tot Ion: 82 Resp: 479027
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 67.2 42.2 63.2#

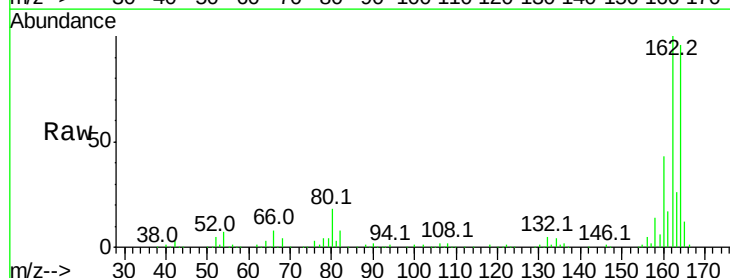


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

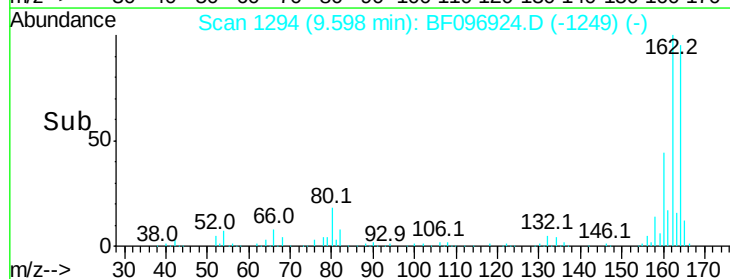
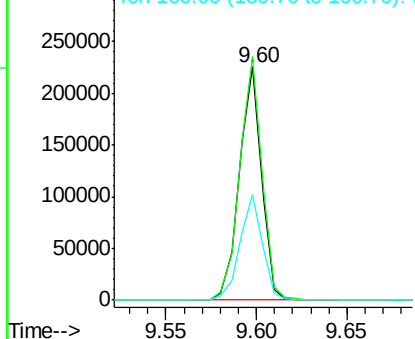


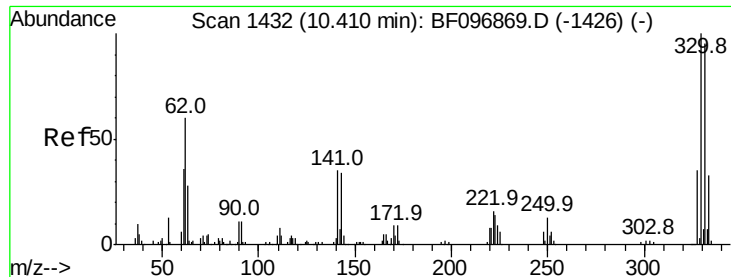
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.60 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BF096924.D
Acq: 20 Jul 2017 23:53

Tgt Ion:164 Resp: 191265
Ion Ratio Lower Upper
164 100
162 104.5 82.6 123.8
160 45.4 36.2 54.2



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

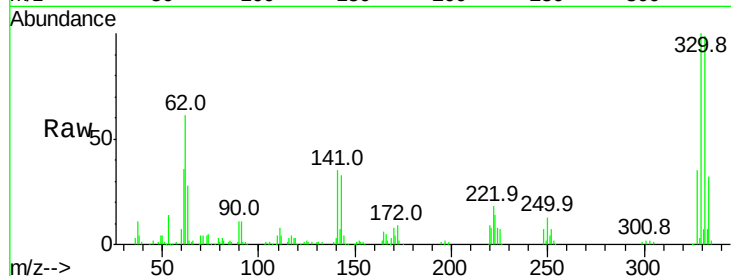




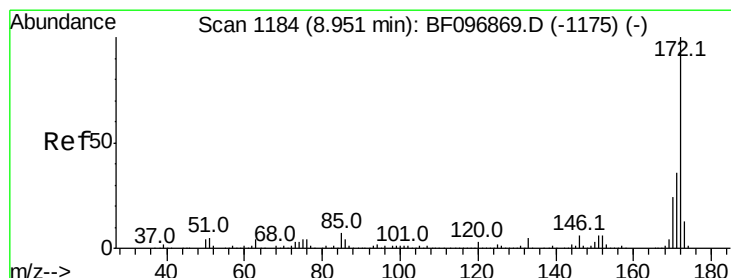
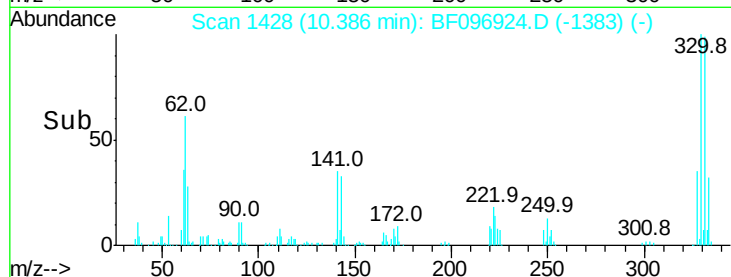
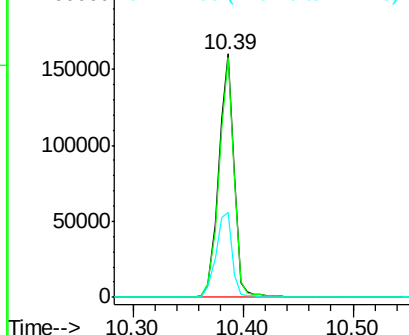
#41
 2,4,6-Tribromophenol
 Concen: 94.496 ng
 RT: 10.39 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096924.D
 Acq: 20 Jul 2017 23:53

Instrument :
 BNA_F
 ClientSampleId :
 B3-10GRIT-COMP

Tot Ion:330 Resp: 154275
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 36.8 31.4 47.2

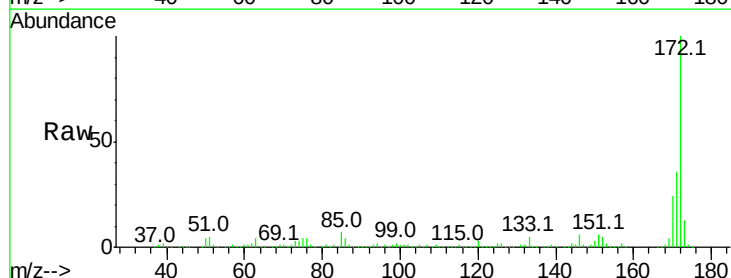


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

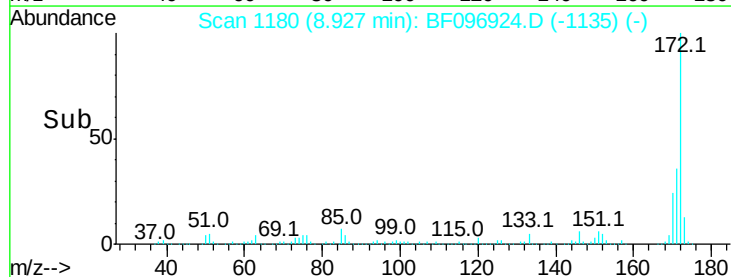
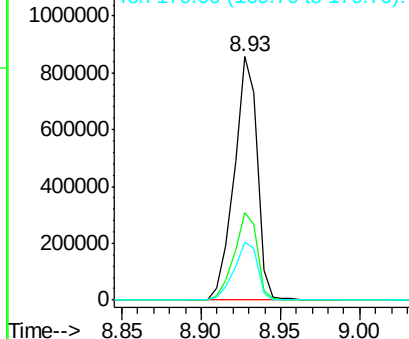


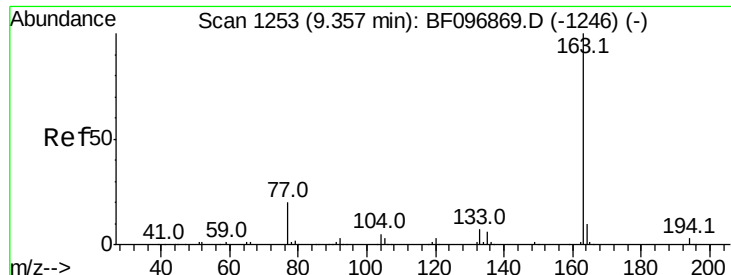
#44
 2-Fluorobiphenyl
 Concen: 71.312 ng
 RT: 8.93 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF096924.D
 Acq: 20 Jul 2017 23:53

Tgt Ion:172 Resp: 863307
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.0 19.8 29.8



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

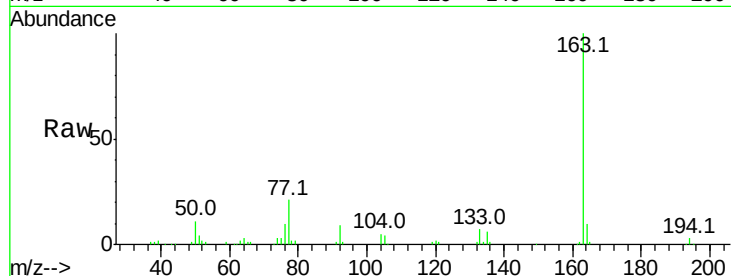




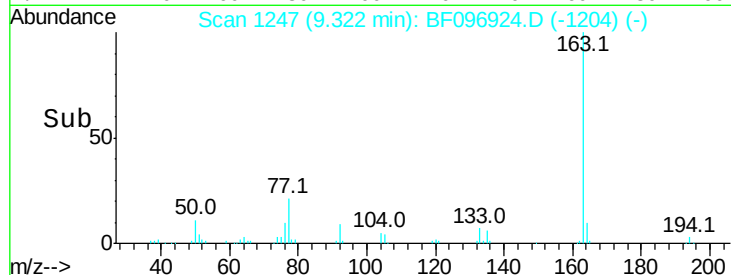
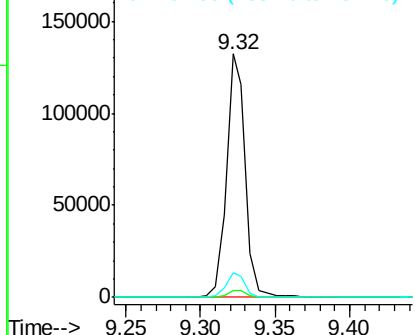
#49
Dimethylphthalate
Concen: 8.160 ng
RT: 9.32 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BF096924.D
Acq: 20 Jul 2017 23:53

Instrument :
BNA_F
ClientSampleId :
B3-10GRIT-COMP

Tot Ion:163 Resp: 117521
Ion Ratio Lower Upper
163 100
194 2.6 2.6 4.0#
164 10.1 8.4 12.6

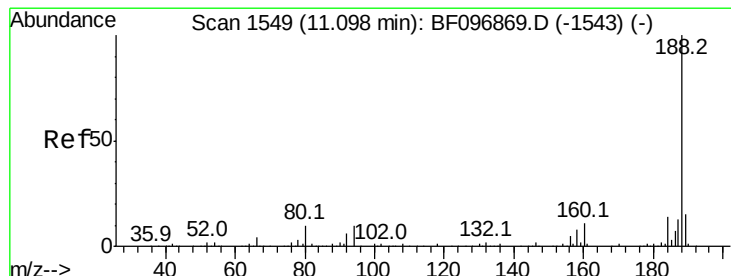


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

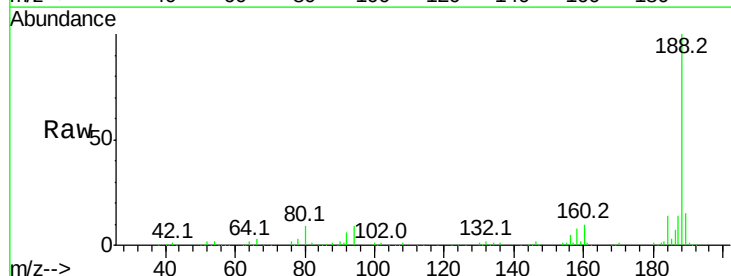
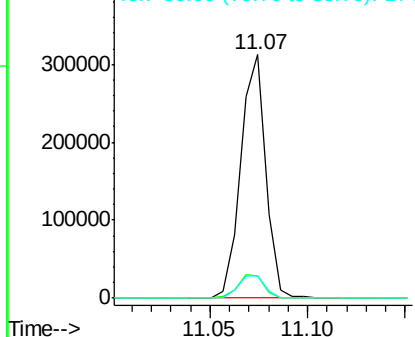


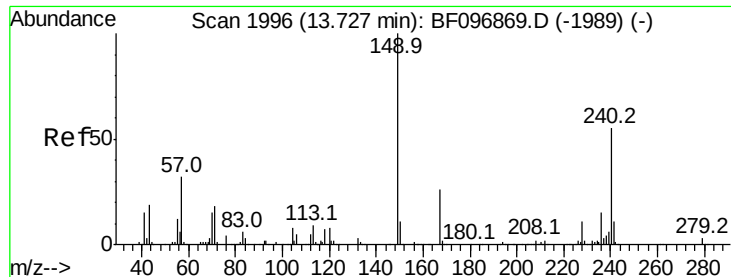
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.07 min Scan# 1545
Delta R.T. -0.03 min
Lab File: BF096924.D
Acq: 20 Jul 2017 23:53

Tgt Ion:188 Resp: 277209
Ion Ratio Lower Upper
188 100
94 9.0 9.4 14.2#
80 9.1 10.2 15.2#



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: 13.70 min Scan# 1991

Delta R.T. -0.04 min

Lab File: BF096924.D

Acq: 20 Jul 2017 23:53

Instrument :

BNA_F

ClientSampleId :

B3-10GRIT-COMP

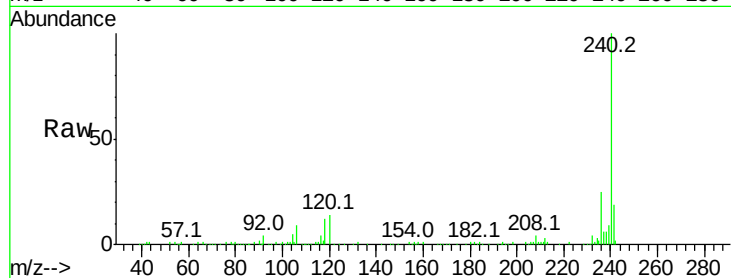
Tot Ion:240 Resp: 196094

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

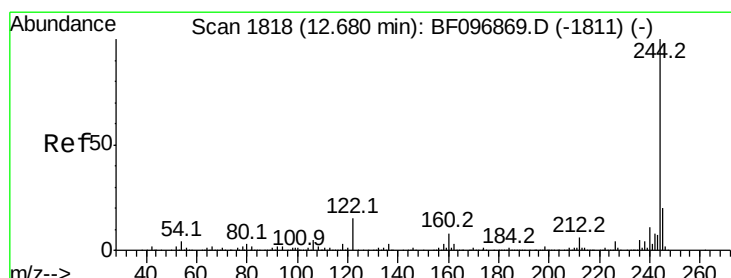
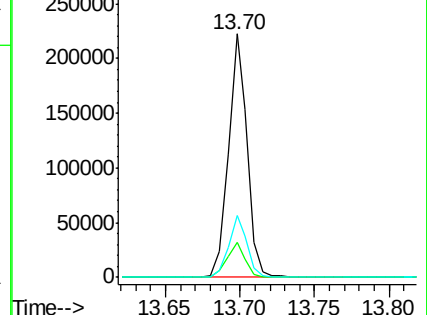
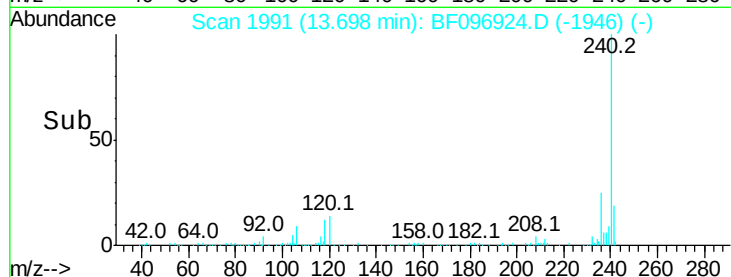
236 25.3 20.5 30.7



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: 49.174 ng

RT: 12.66 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF096924.D

Acq: 20 Jul 2017 23:53

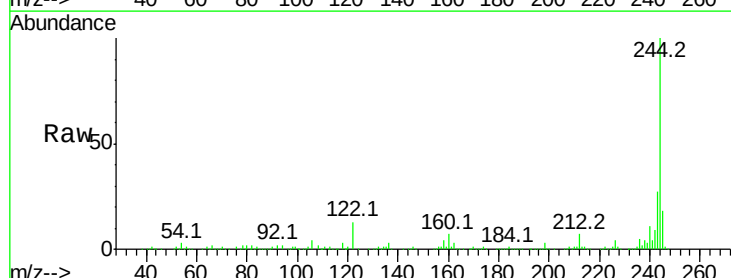
Tgt Ion:244 Resp: 556012

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

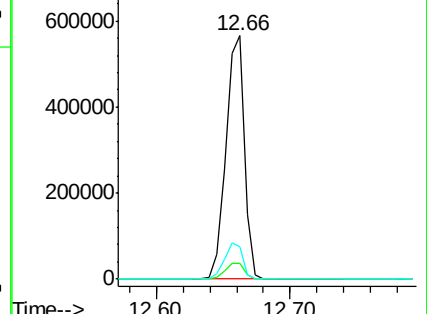
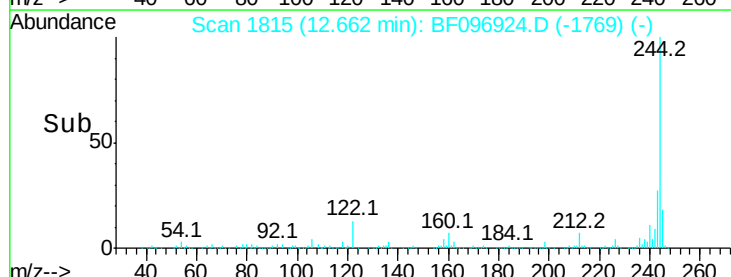
122 13.1 10.3 15.5

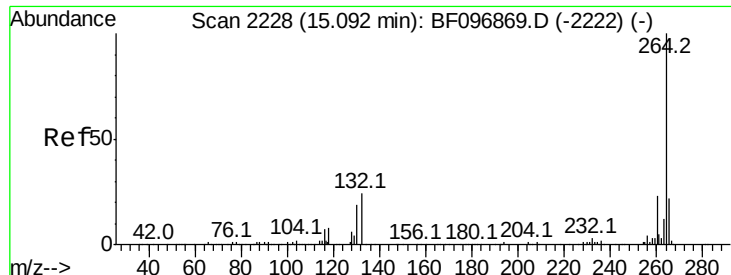


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

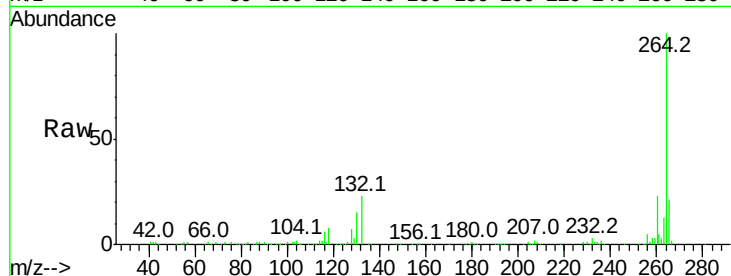




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.07 min Scan# 2224
 Delta R.T. -0.04 min
 Lab File: BF096924.D
 Acq: 20 Jul 2017 23:53

Instrument :
 BNA_F
 ClientSampleId :
 B3-10GRIT-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.3	17.2	25.8



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

