

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096976.D
 Acq On : 22 Jul 2017 7:52
 Operator : SJ/JU
 Sample : I4363-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-COMB-3

Quant Time: Jul 24 14:14:20 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

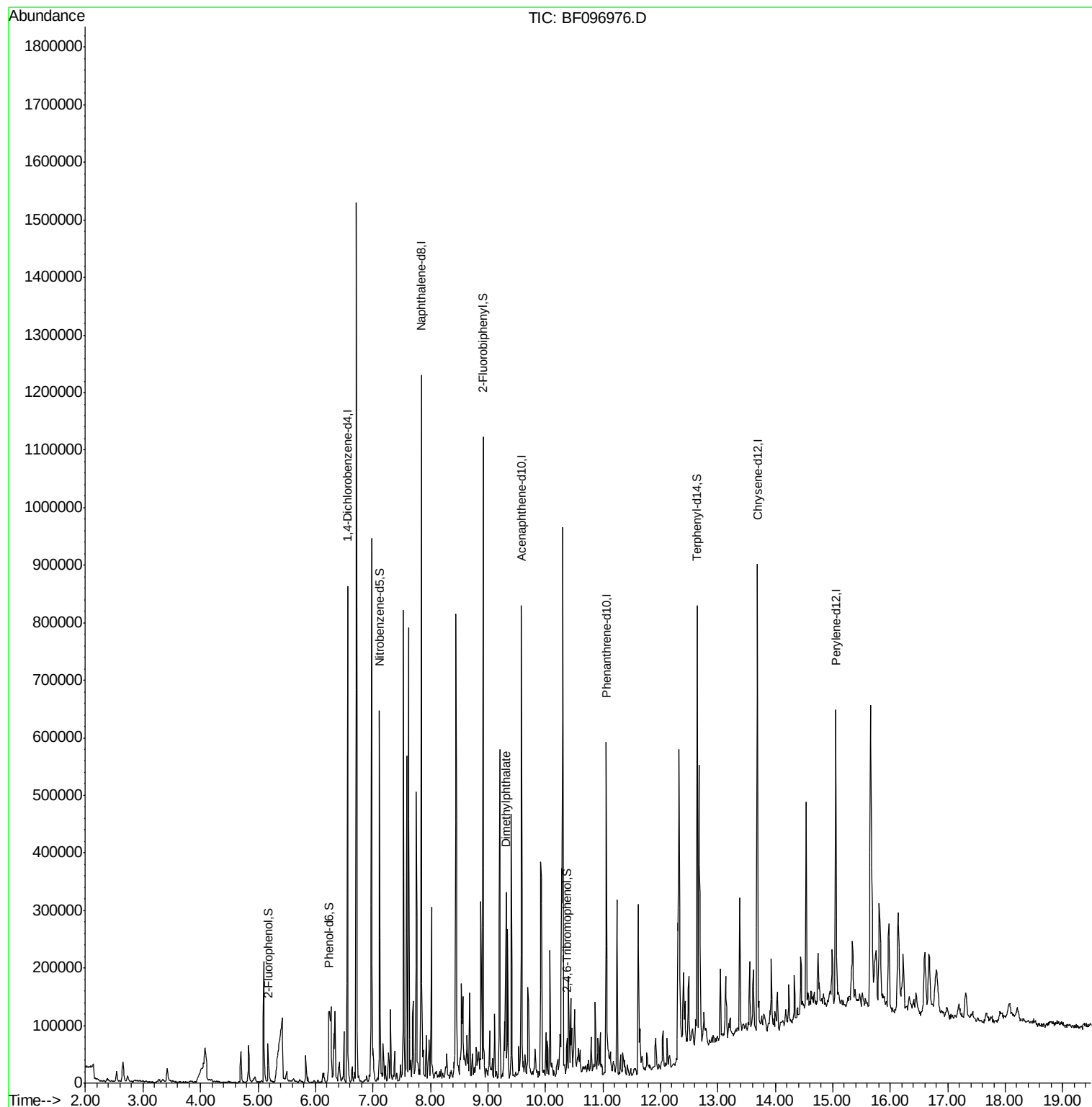
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	111512	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	428897	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	151945	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	182755	20.00	ng	-0.05
75) Chrysene-d12	13.69	240	244462	20.00	ng	-0.05
86) Perylene-d12	15.05	264	198704	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	22504	3.03	ng	-0.02
7) Phenol-d6	6.23	99	19547	2.20	ng	-0.02
23) Nitrobenzene-d5	7.12	82	176598	25.50	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	4487	3.46	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	318025	33.07	ng	-0.05
78) Terphenyl-d14	12.64	244	218361	15.49	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.32	163	84610	7.395	ng	97

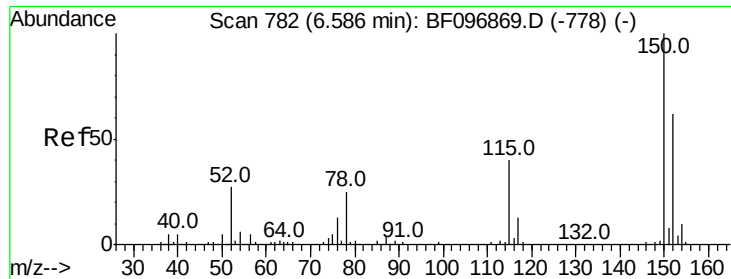
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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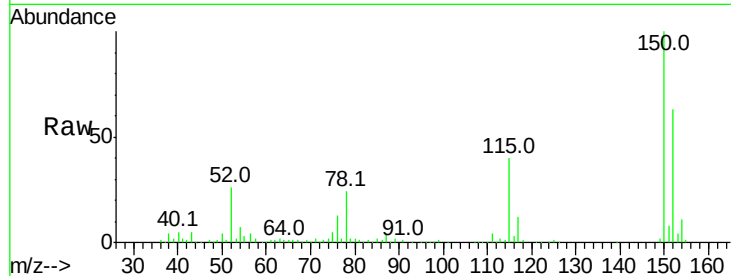


#1

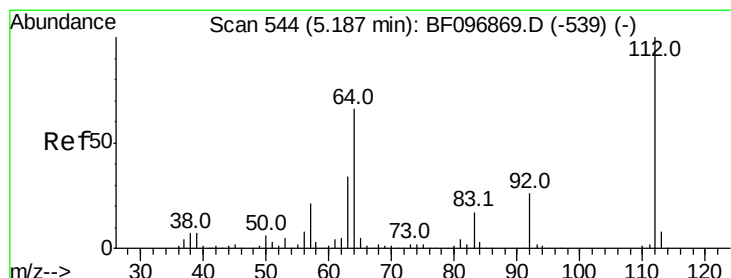
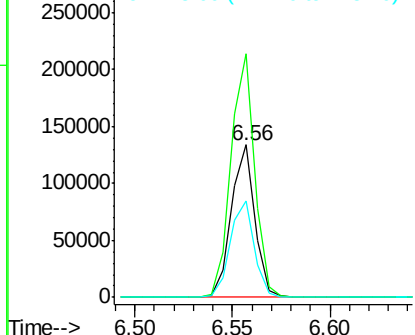
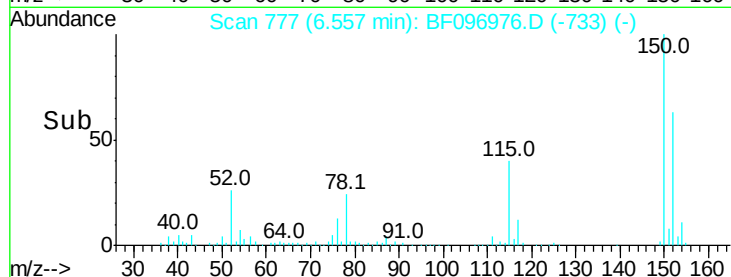
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.56 min Scan# 777
Delta R.T. -0.04 min
Lab File: BF096976.D
Acq: 22 Jul 2017 7:52

Instrument :
BNA_F
ClientSampled :
B-COMB-3

Tot Ion:152 Resp: 111512
Ion Ratio Lower Upper
152 100
150 159.8 126.2 189.2
115 63.3 52.2 78.2



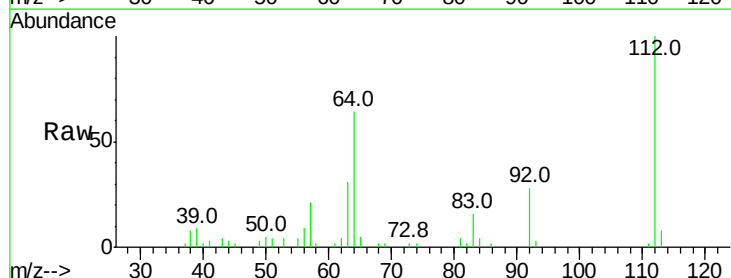
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



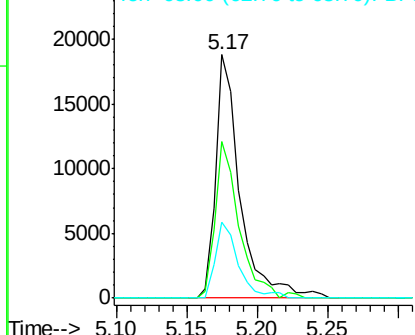
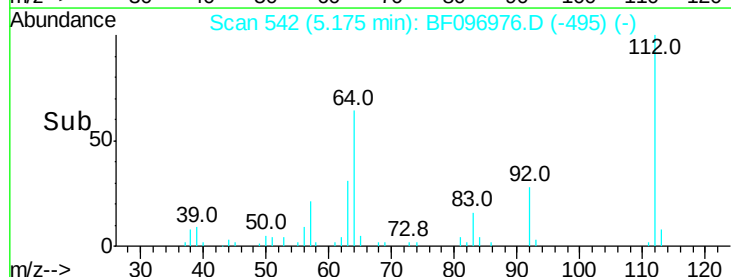
#5

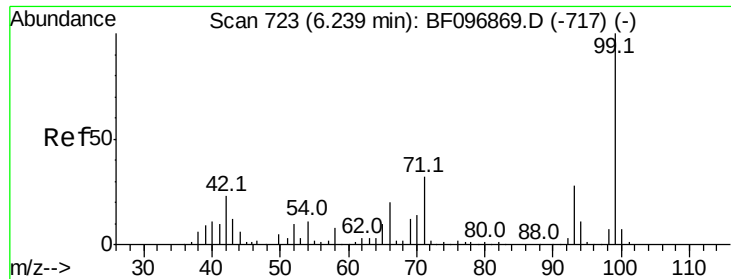
2-Fluorophenol
Concen: 3.034 ng
RT: 5.17 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF096976.D
Acq: 22 Jul 2017 7:52

Tgt Ion:112 Resp: 22504
Ion Ratio Lower Upper
112 100
64 64.4 46.0 69.0
63 31.4 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: 2.196 ng

RT: 6.23 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF096976.D

Acq: 22 Jul 2017 7:52

Instrument :

BNA_F

ClientSampled :

B-COMB-3

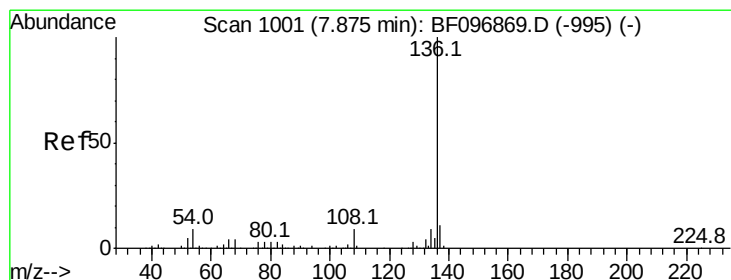
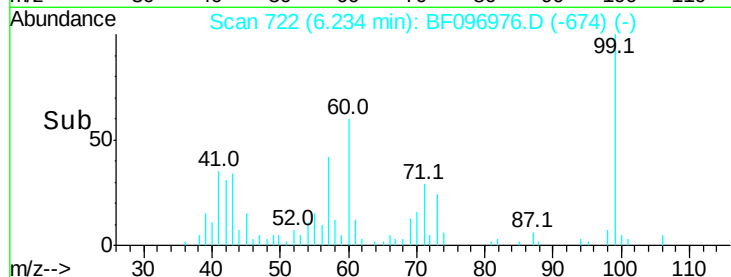
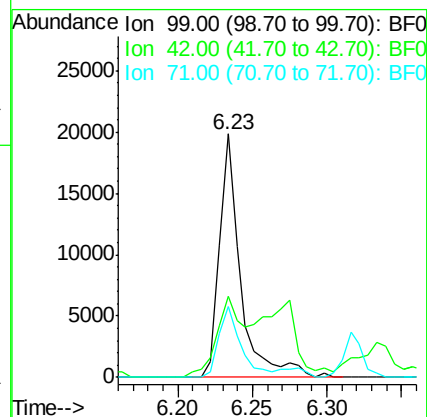
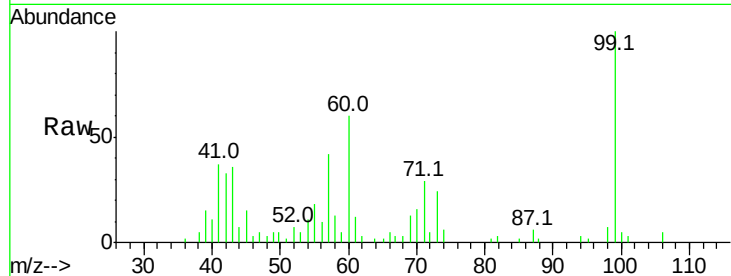
Tot Ion: 99 Resp: 19547

Ion Ratio Lower Upper

99 100

42 33.4 13.5 20.3#

71 29.3 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.84 min Scan# 995

Delta R.T. -0.05 min

Lab File: BF096976.D

Acq: 22 Jul 2017 7:52

Tgt Ion: 136 Resp: 428897

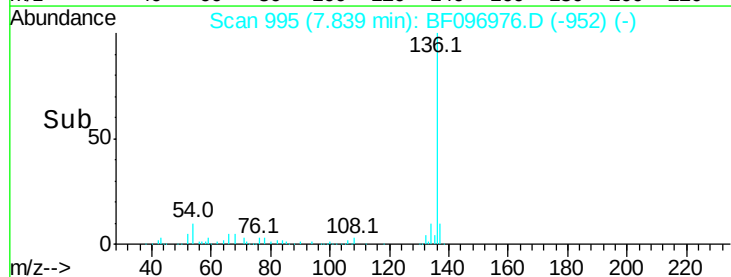
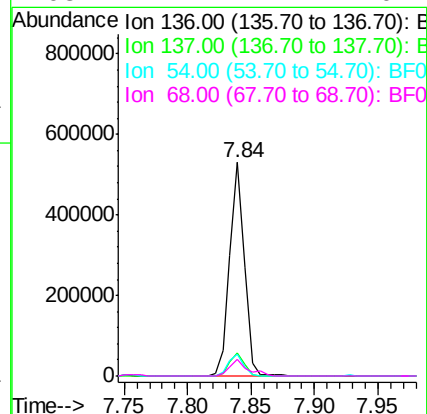
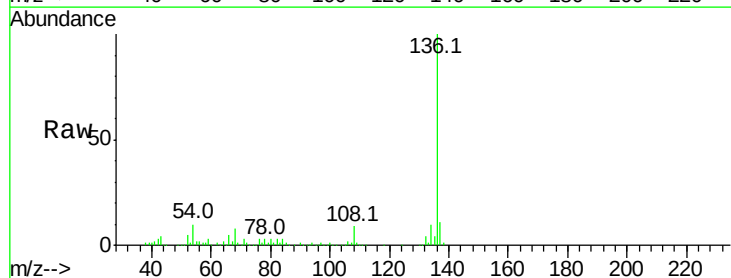
Ion Ratio Lower Upper

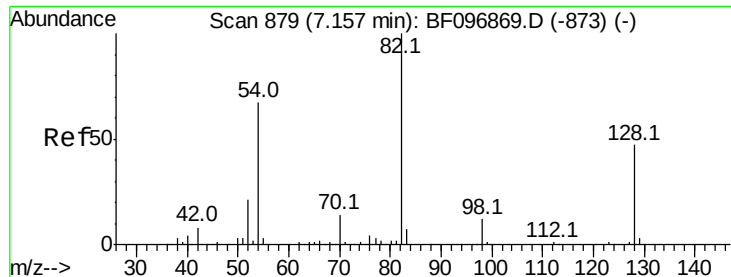
136 100

137 10.6 8.5 12.7

54 10.3 4.9 7.3#

68 7.7 4.1 6.1#

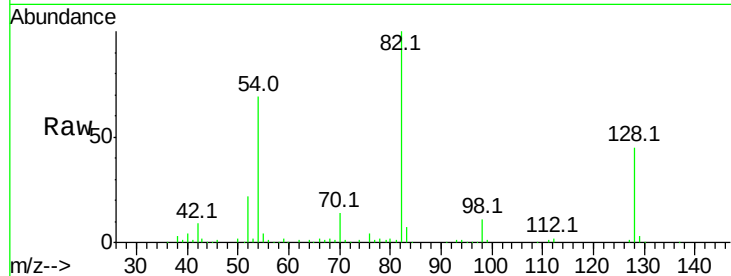




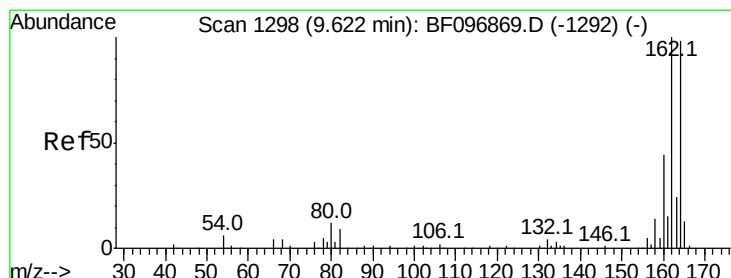
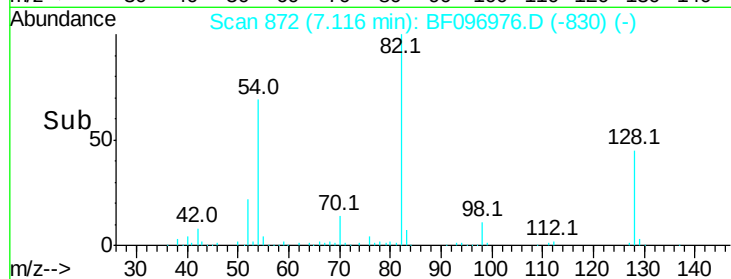
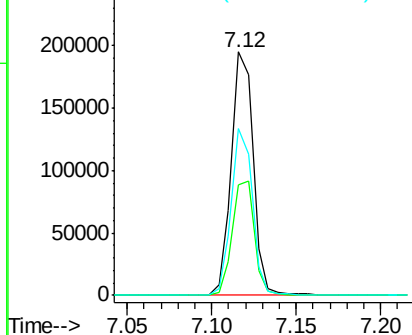
#23
 Nitrobenzene-d5
 Concen: 25.504 ng
 RT: 7.12 min Scan# 872
 Delta R.T. -0.05 min
 Lab File: BF096976.D
 Acq: 22 Jul 2017 7:52

Instrument :
 BNA_F
 ClientSampleId :
 B-COMB-3

Tot Ion	82	Resp	176598
Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.0	51.0
54	68.7	42.2	63.2#

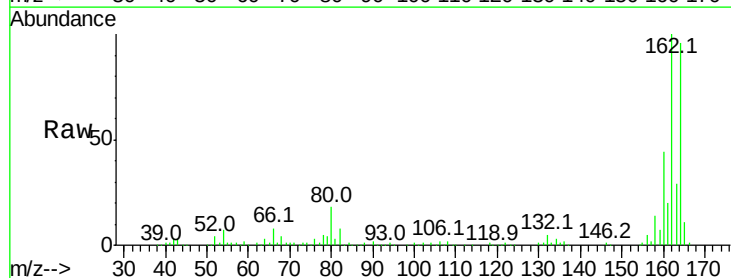


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

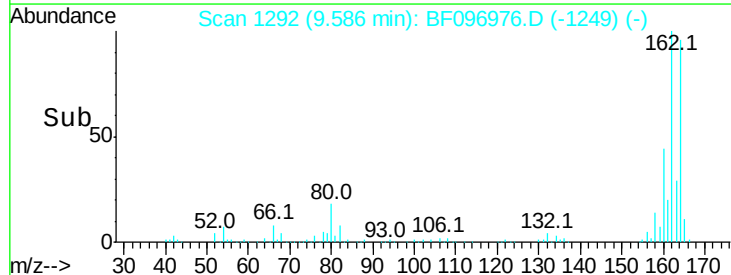
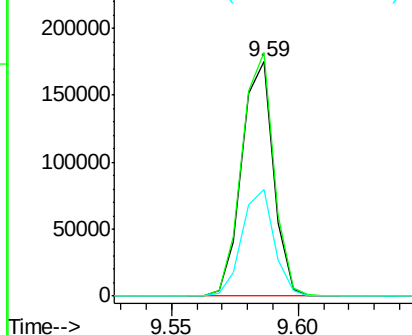


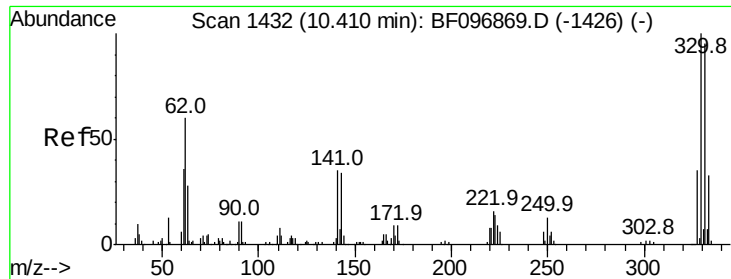
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.59 min Scan# 1292
 Delta R.T. -0.05 min
 Lab File: BF096976.D
 Acq: 22 Jul 2017 7:52

Tgt Ion	164	Resp	151945
Ion	Ratio	Lower	Upper
164	100		
162	104.0	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

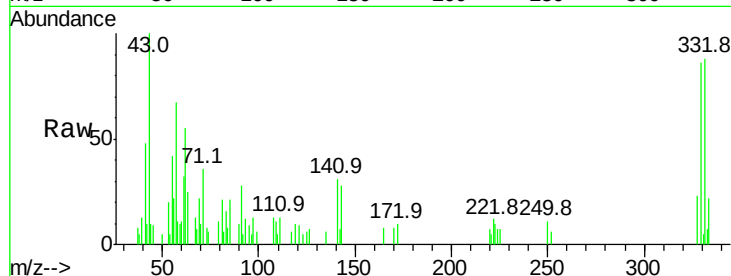




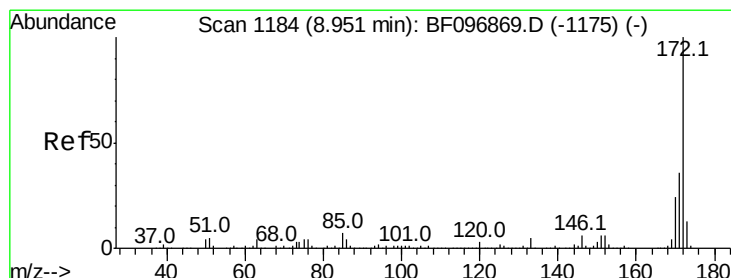
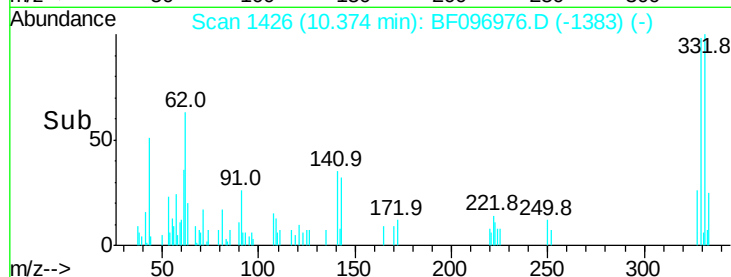
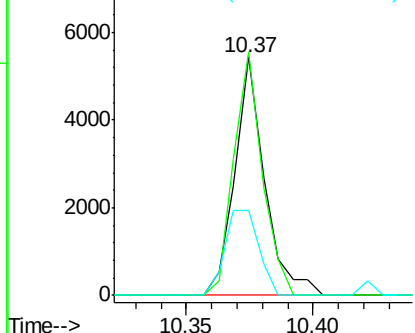
#41
 2,4,6-Tribromophenol
 Concen: 3.460 ng
 RT: 10.37 min Scan# 1426
 Delta R.T. -0.05 min
 Lab File: BF096976.D
 Acq: 22 Jul 2017 7:52

Instrument :
 BNA_F
 ClientSampleId :
 B-COMB-3

Tot Ion:330 Resp: 4487
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 40.2 31.4 47.2

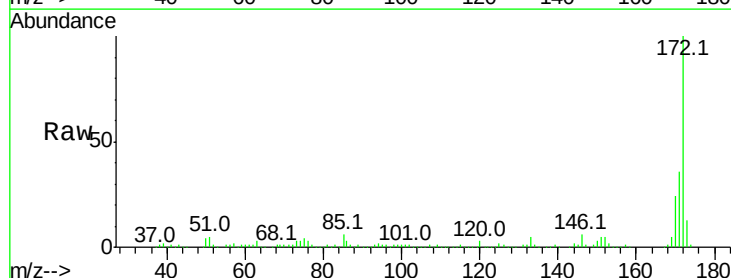


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

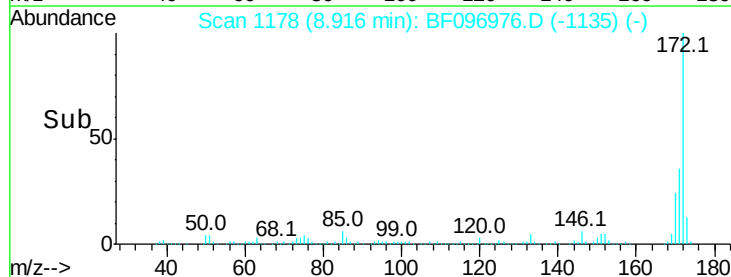
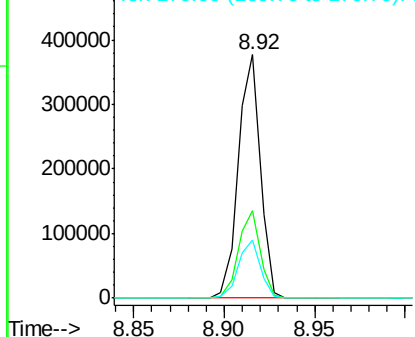


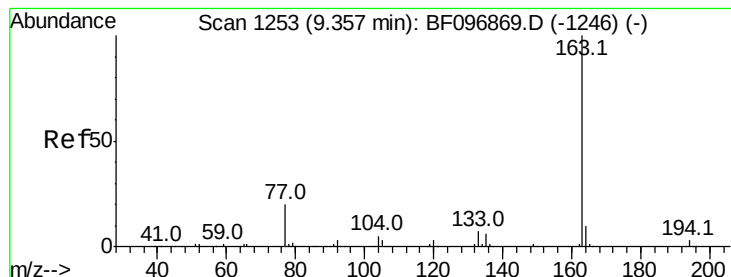
#44
 2-Fluorobiphenyl
 Concen: 33.068 ng
 RT: 8.92 min Scan# 1178
 Delta R.T. -0.05 min
 Lab File: BF096976.D
 Acq: 22 Jul 2017 7:52

Tgt Ion:172 Resp: 318025
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.6 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: 7.395 ng

RT: 9.32 min Scan# 1246

Delta R.T. -0.05 min

Lab File: BF096976.D

Acq: 22 Jul 2017 7:52

Instrument :

BNA_F

ClientSampleId :

B-COMB-3

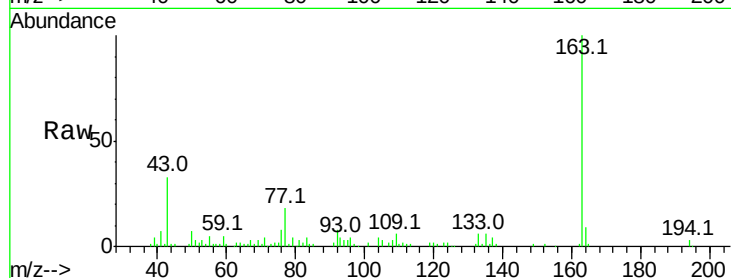
Tot Ion:163 Resp: 84610

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

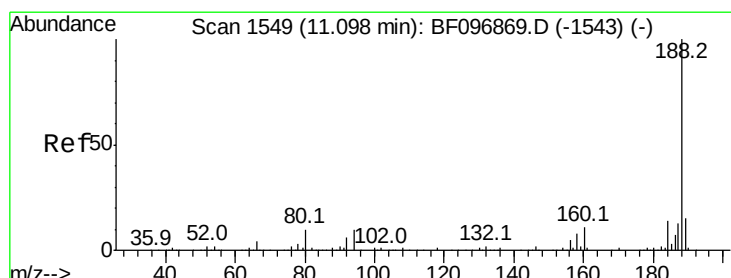
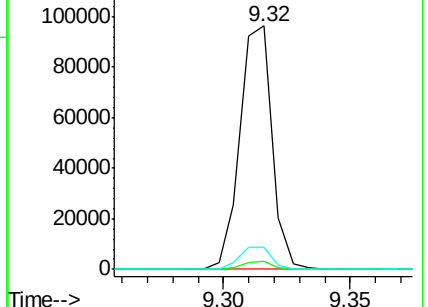
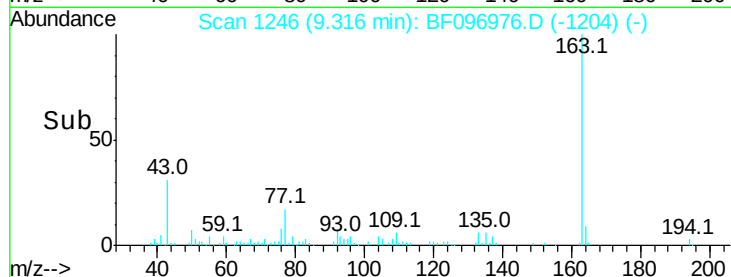
164 9.1 8.4 12.6



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: 11.06 min Scan# 1542

Delta R.T. -0.05 min

Lab File: BF096976.D

Acq: 22 Jul 2017 7:52

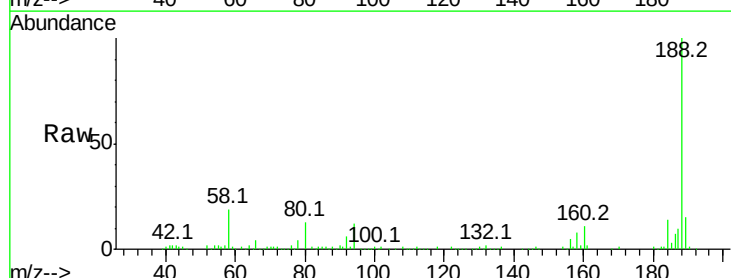
Tgt Ion:188 Resp: 182755

Ion Ratio Lower Upper

188 100

94 11.8 9.4 14.2

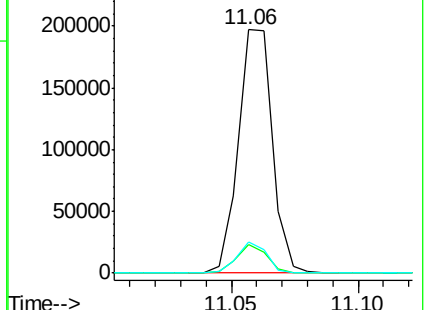
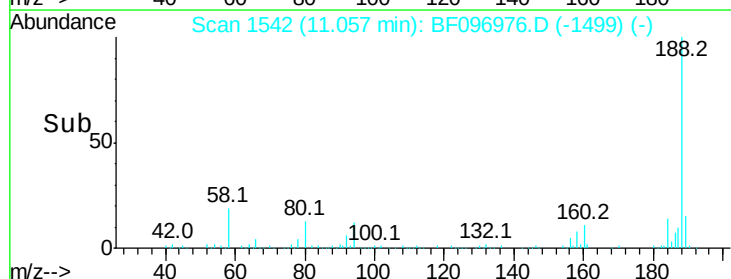
80 13.0 10.2 15.2

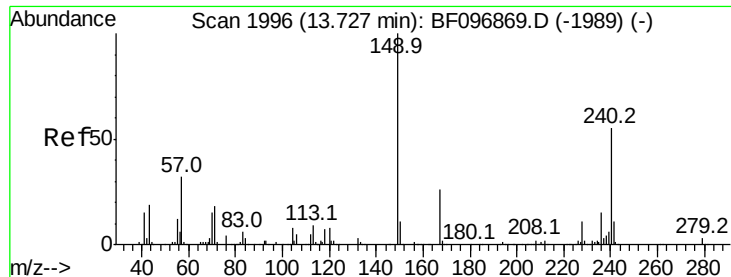


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.69 min Scan# 1989

Delta R.T. -0.05 min

Lab File: BF096976.D

Acq: 22 Jul 2017 7:52

Instrument :

BNA_F

ClientSampleId :

B-COMB-3

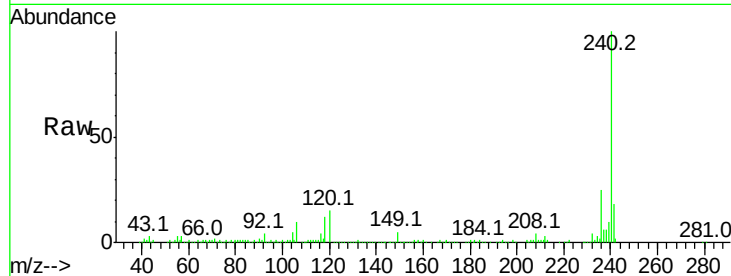
Tot Ion:240 Resp: 244462

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

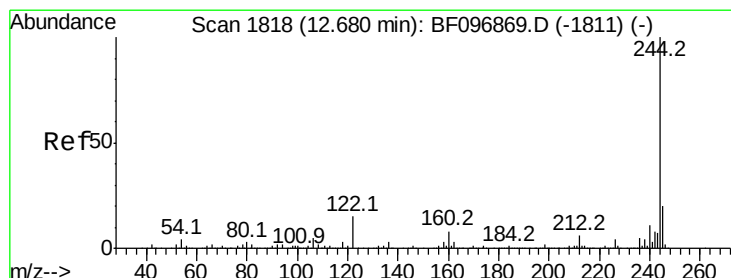
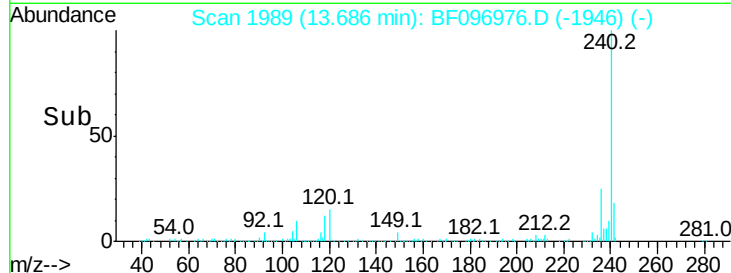
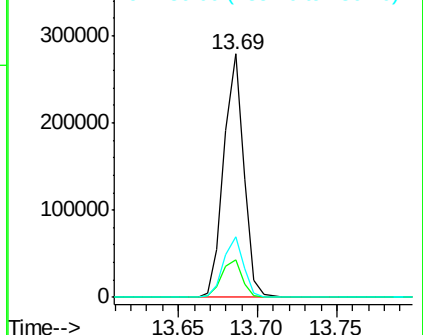
236 25.1 20.5 30.7



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: 15.491 ng

RT: 12.64 min Scan# 1811

Delta R.T. -0.05 min

Lab File: BF096976.D

Acq: 22 Jul 2017 7:52

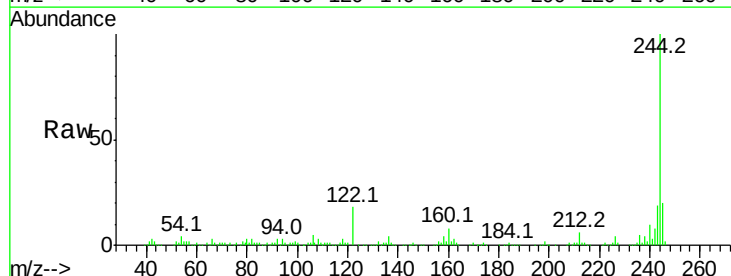
Tgt Ion:244 Resp: 218361

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

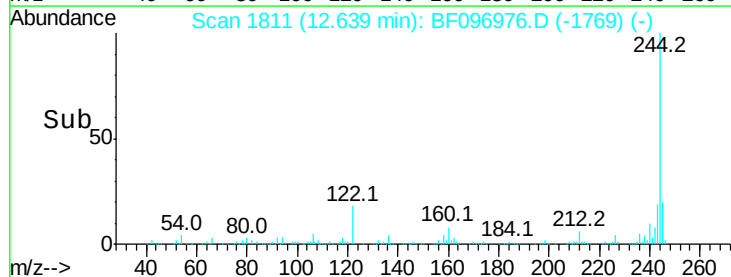
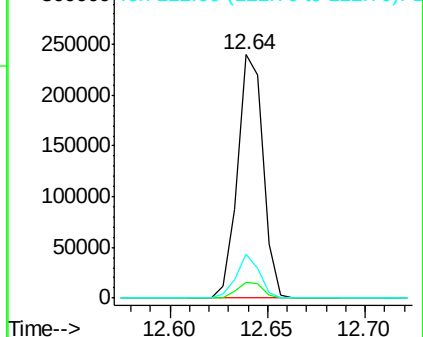
122 18.0 10.3 15.5#

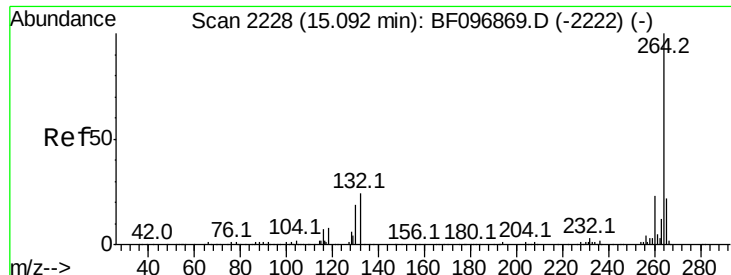


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

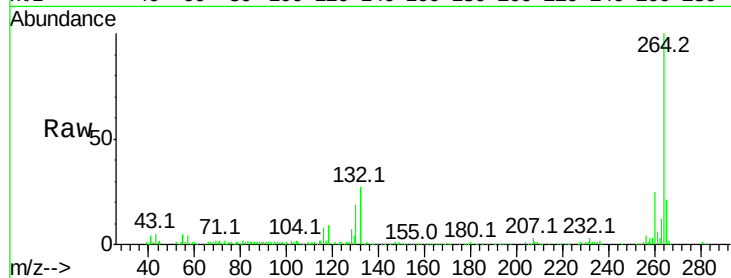




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.05 min Scan# 2221
Delta R.T. -0.05 min
Lab File: BF096976.D
Acq: 22 Jul 2017 7:52

Instrument :
BNA_F
ClientSampleId :
B-COMB-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.4	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

