

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097771.D
 Acq On : 17 Aug 2017 6:51
 Operator : SJ/JU
 Sample : I4792-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

Quant Time: Aug 17 08:30:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

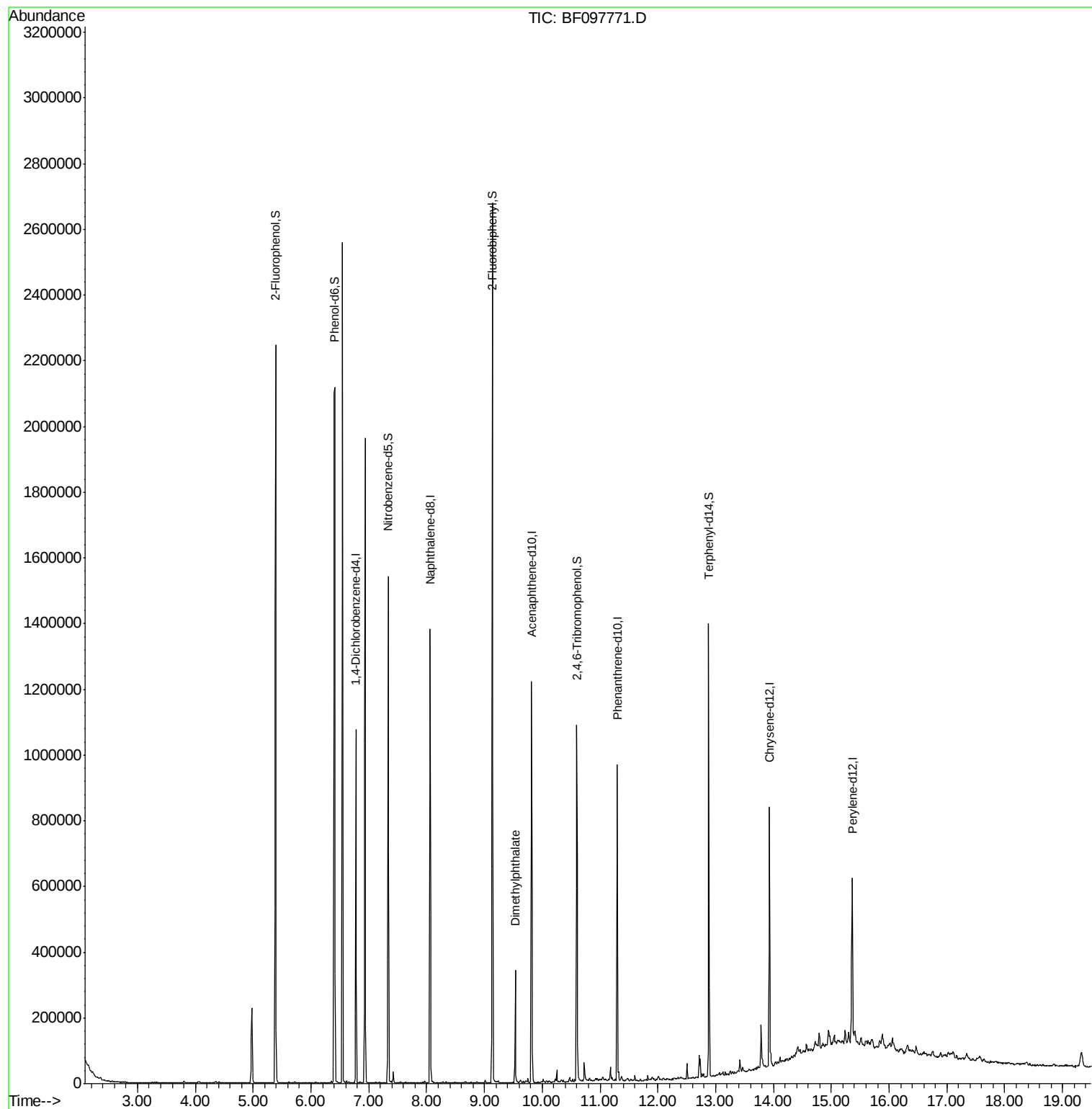
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	140261	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	532764	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	211637	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	306753	20.00	ng	0.00
75) Chrysene-d12	13.93	240	253244	20.00	ng	0.00
86) Perylene-d12	15.36	264	214688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	610132	66.17	ng	0.00
7) Phenol-d6	6.41	99	821991	65.61	ng	0.00
23) Nitrobenzene-d5	7.34	82	497230	50.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	104957	57.16	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	762401	52.93	ng	0.00
78) Terphenyl-d14	12.88	244	397023	32.69	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.53	163	117856	7.618	ng	Qvalue 99

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

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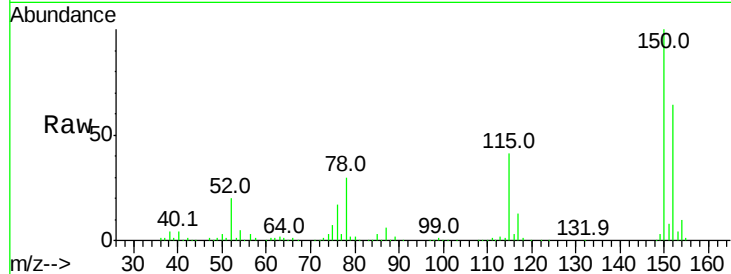


#1

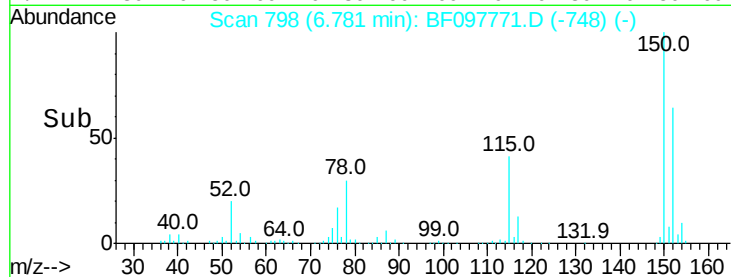
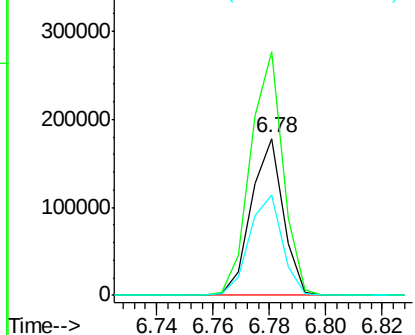
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097771.D
Acq: 17 Aug 2017 6:51

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tot Ion:152 Resp: 140261
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.2
115 63.7 52.2 78.2



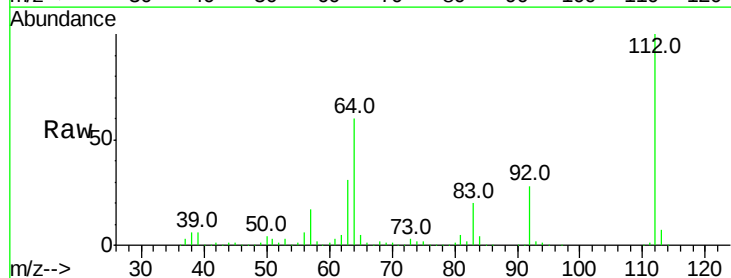
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



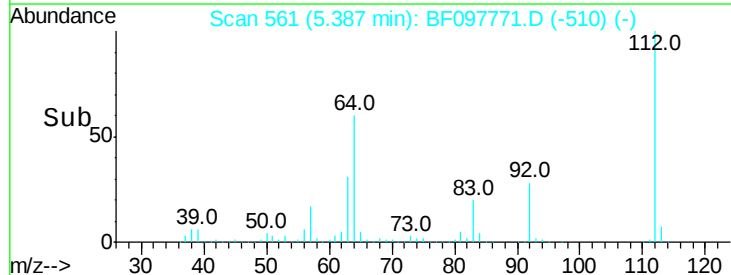
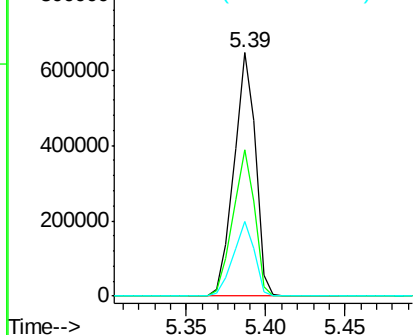
#5

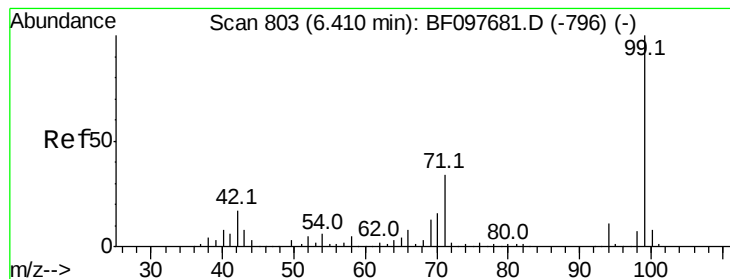
2-Fluorophenol
Concen: 66.166 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097771.D
Acq: 17 Aug 2017 6:51

Tgt Ion:112 Resp: 610132
Ion Ratio Lower Upper
112 100
64 59.9 46.0 69.0
63 30.7 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: 65.607 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097771.D

Acq: 17 Aug 2017 6:51

Instrument :

BNA_F

ClientSampled :

SB-16-COMP

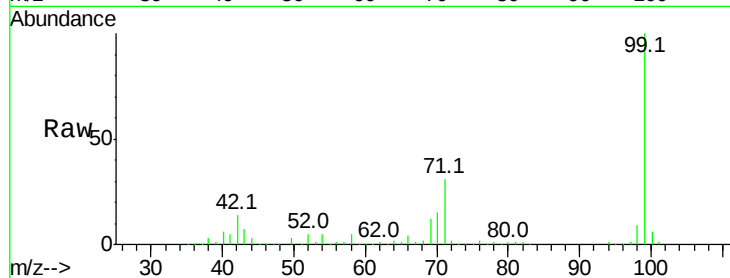
Tot Ion: 99 Resp: 821991

Ion Ratio Lower Upper

99 100

42 14.4 13.5 20.3

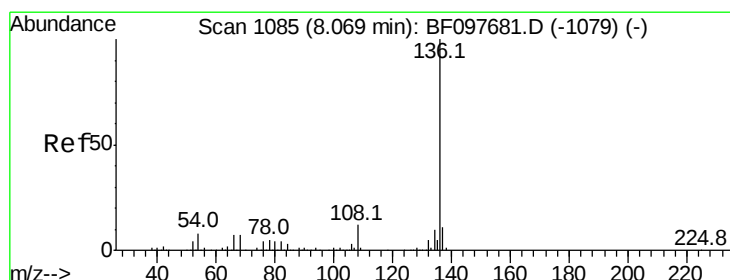
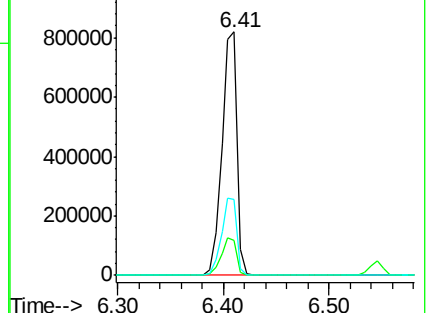
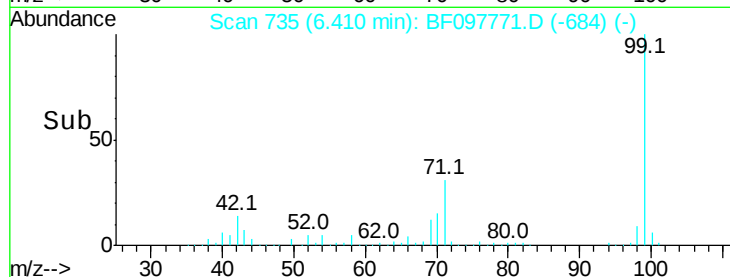
71 31.4 24.5 36.7



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: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF097771.D

Acq: 17 Aug 2017 6:51

Tgt Ion: 136 Resp: 532764

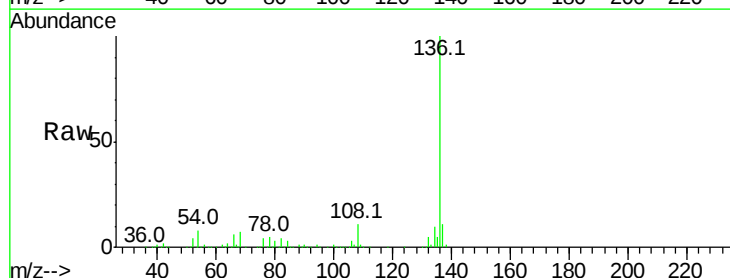
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.6 4.9 7.3#

68 7.1 4.1 6.1#

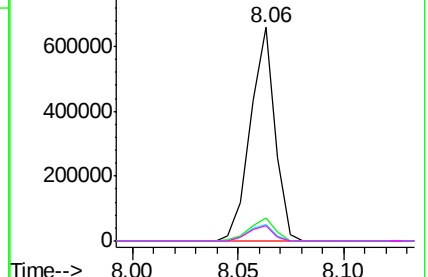
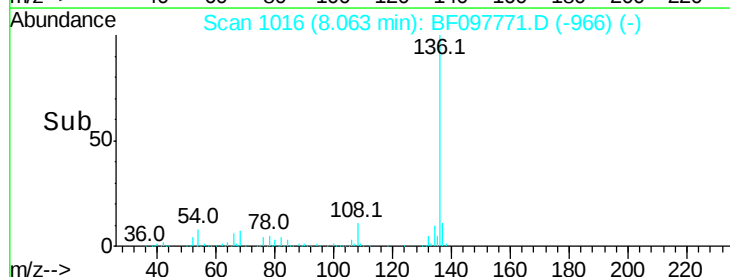


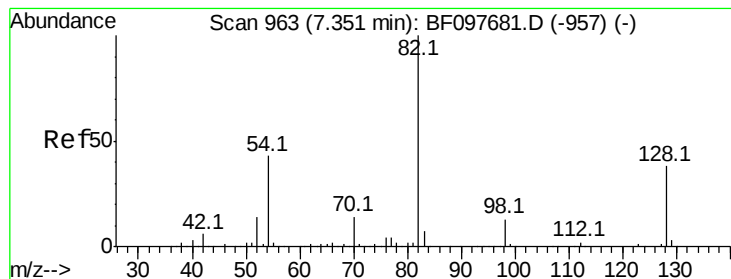
Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.701 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF097771.D

Acq: 17 Aug 2017 6:51

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

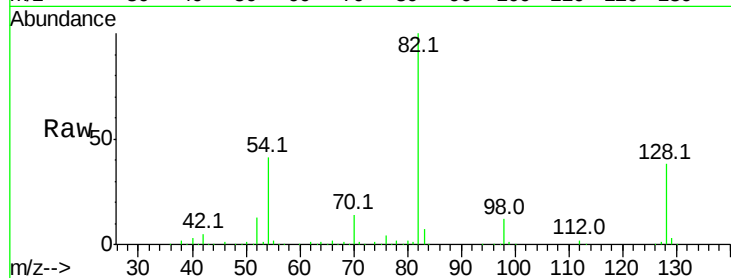
Tot Ion: 82 Resp: 497230

Ion Ratio Lower Upper

82 100

128 37.8 34.0 51.0

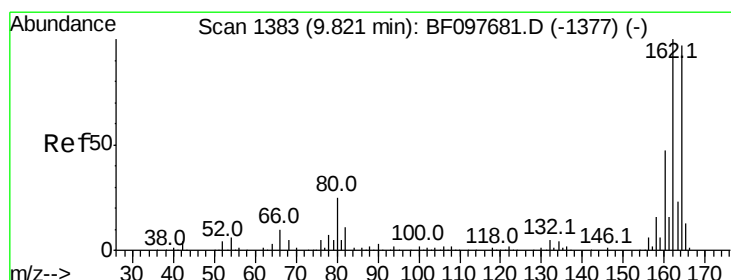
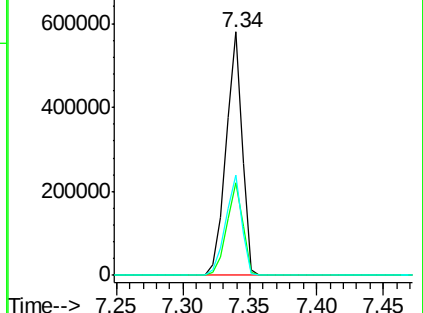
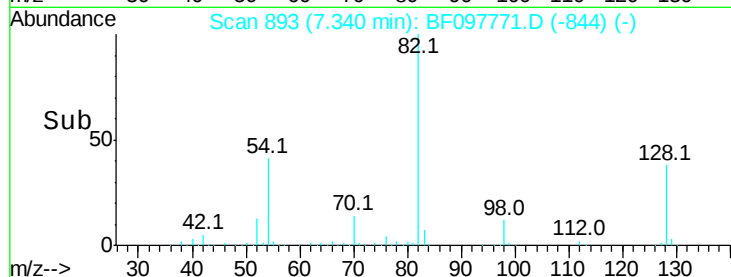
54 41.4 42.2 63.2#



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: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF097771.D

Acq: 17 Aug 2017 6:51

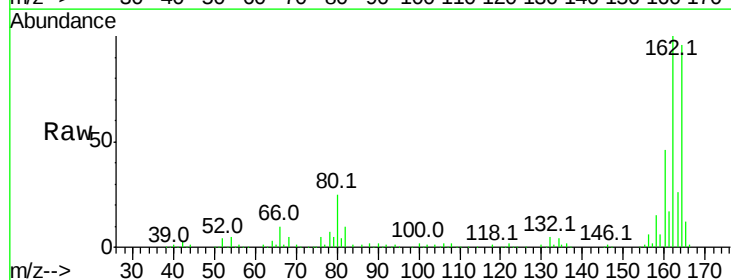
Tgt Ion:164 Resp: 211637

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

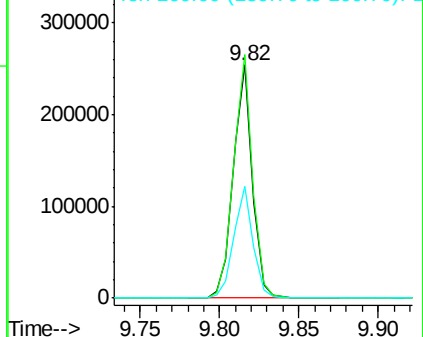
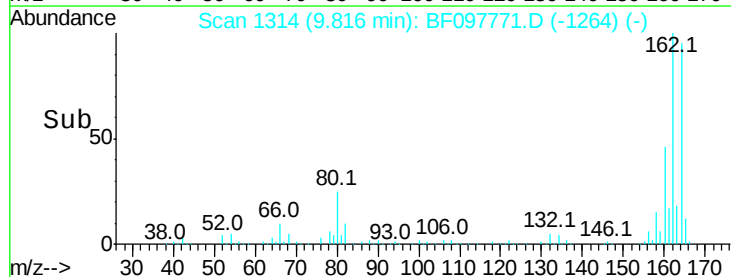
160 48.1 36.2 54.2



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

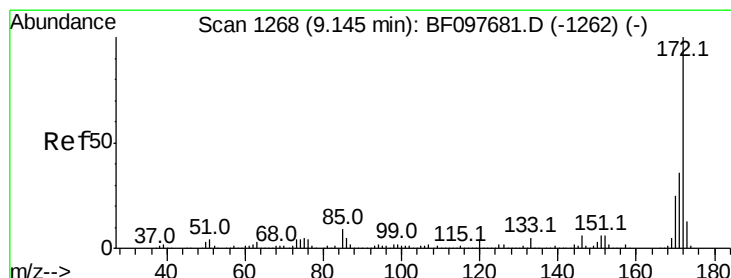
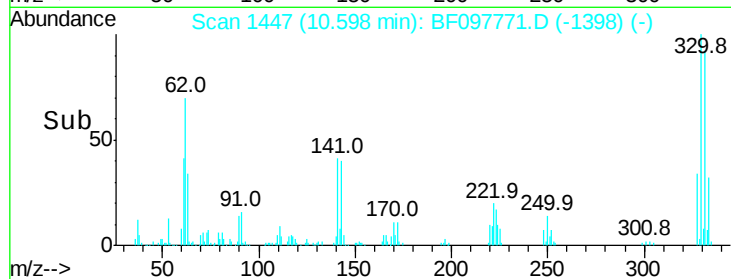
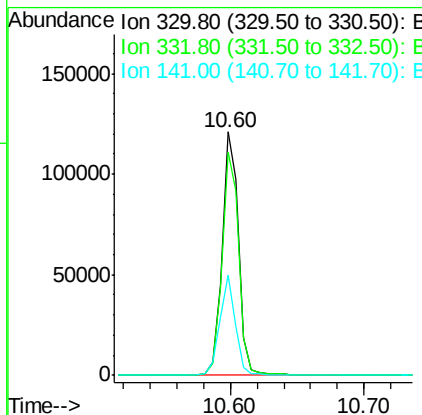
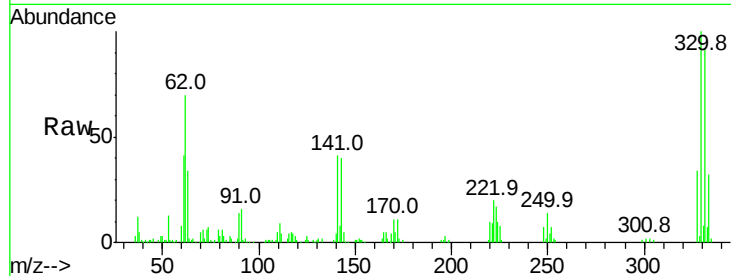




#41
 2,4,6-Tribromophenol
 Concen: 57.157 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097771.D
 Acq: 17 Aug 2017 6:51

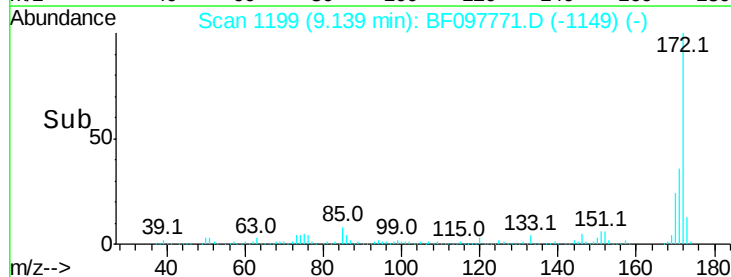
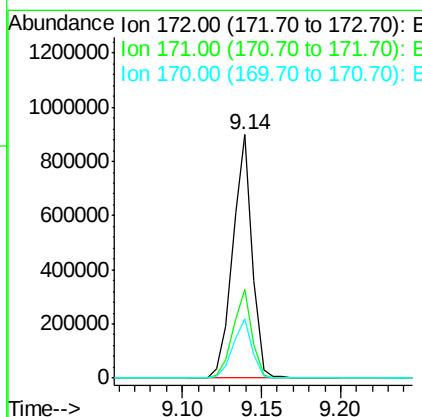
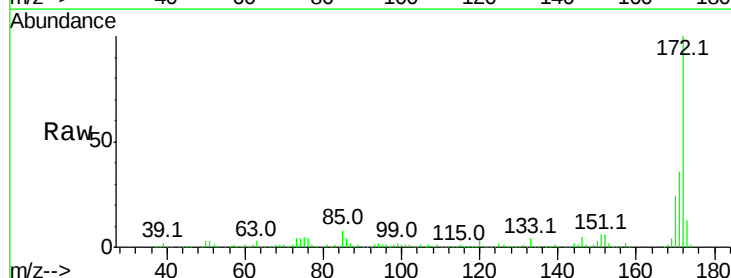
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

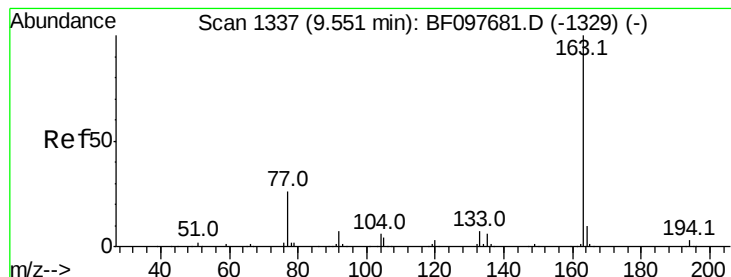
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.6	115.0
141	39.5	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 52.927 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097771.D
 Acq: 17 Aug 2017 6:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.1	19.8	29.8





#49

Dimethylphthalate

Concen: 7.618 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BF097771.D

Acq: 17 Aug 2017 6:51

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

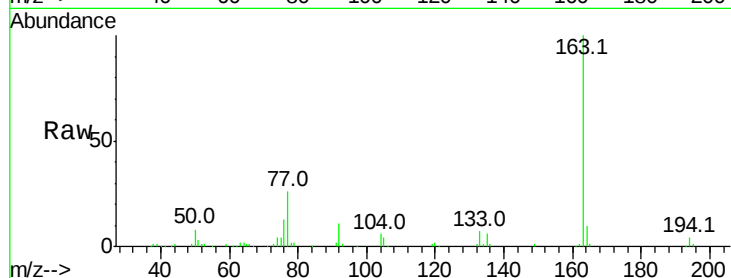
Tot Ion:163 Resp: 117856

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

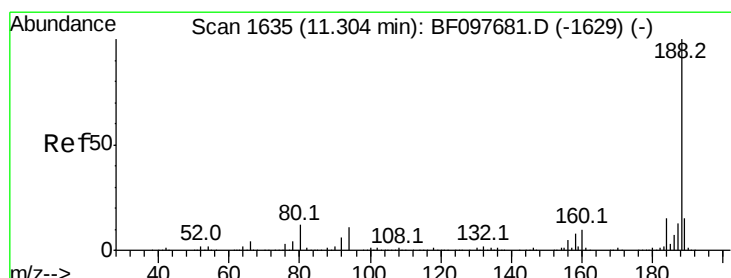
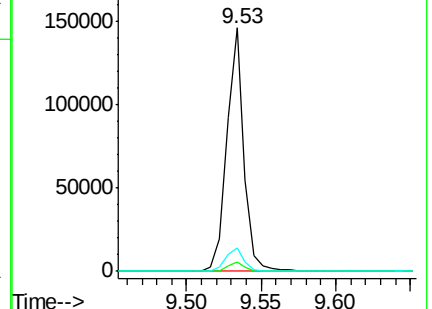
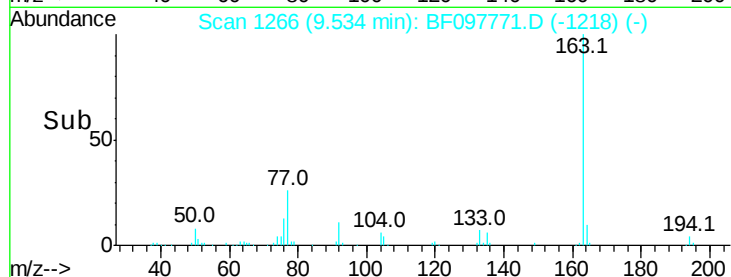
164 9.9 8.4 12.6



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: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF097771.D

Acq: 17 Aug 2017 6:51

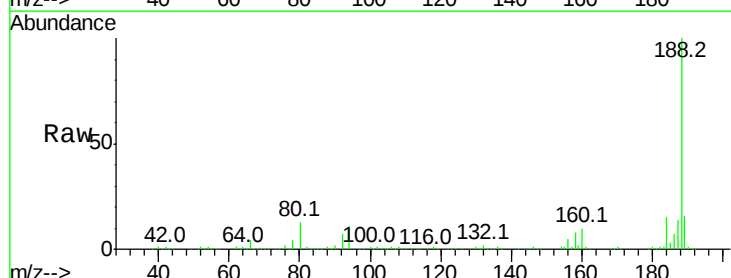
Tgt Ion:188 Resp: 306753

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.2

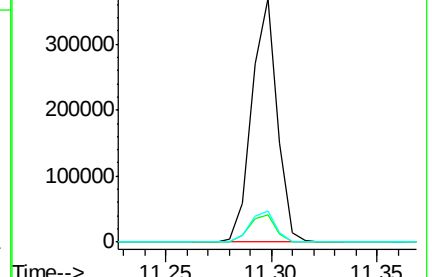
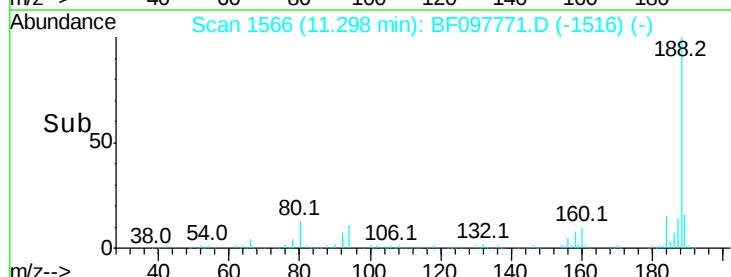
80 12.9 10.2 15.2

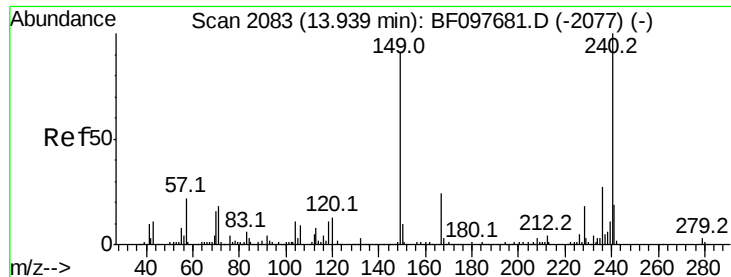


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097771.D

Acq: 17 Aug 2017 6:51

Instrument :

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ClientSampleId :

SB-16-COMP

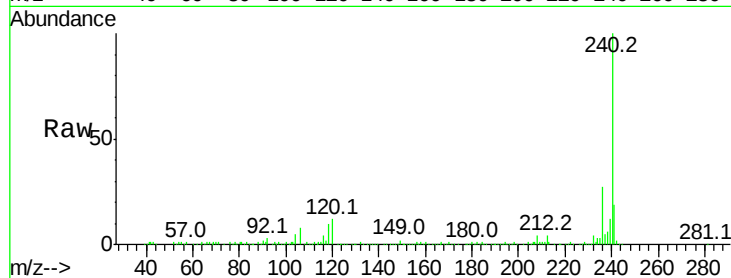
Tot Ion:240 Resp: 253244

Ion Ratio Lower Upper

240 100

120 11.8 5.8 8.8#

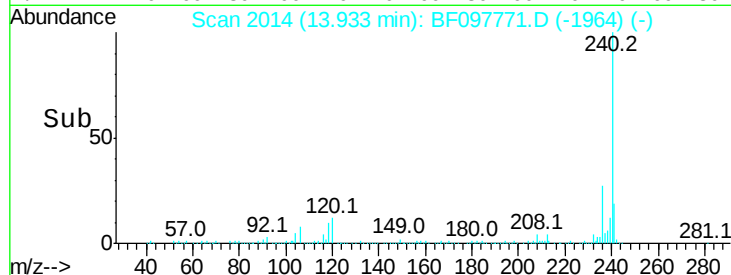
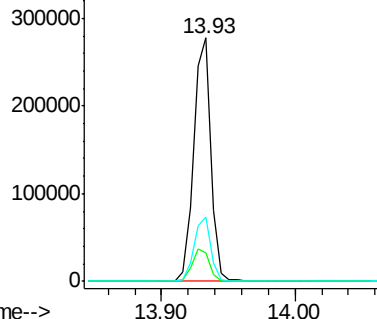
236 26.6 20.5 30.7



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: 32.693 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097771.D

Acq: 17 Aug 2017 6:51

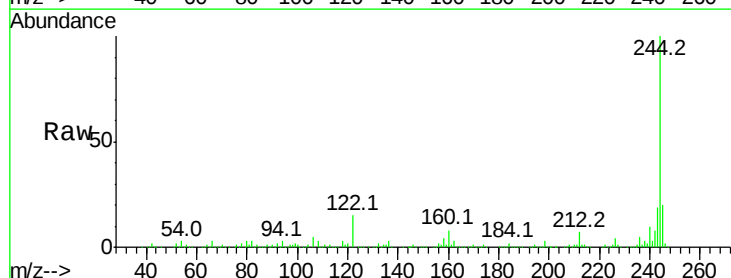
Tgt Ion:244 Resp: 397023

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

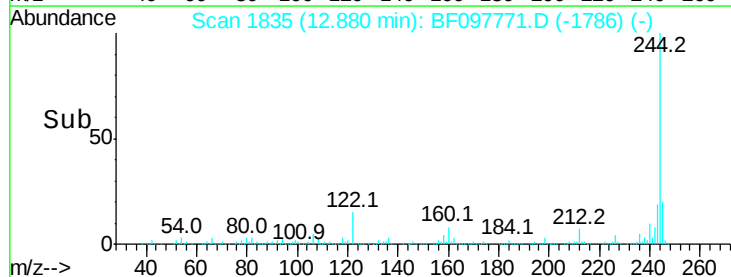
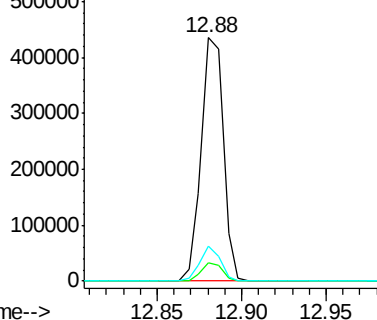
122 14.5 10.3 15.5

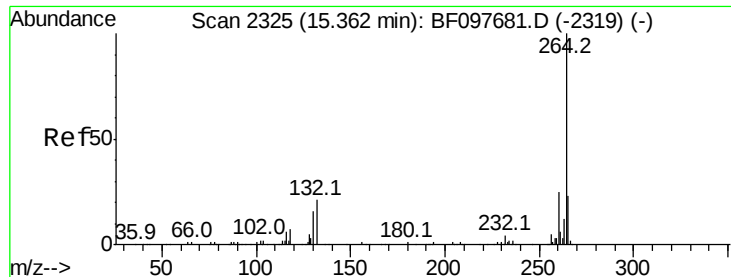


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097771.D
Acq: 17 Aug 2017 6:51

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	20.8	17.2	25.8

