

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097256.D
 Acq On : 2 Aug 2017 6:05
 Operator : SJ/JU
 Sample : I4527-01 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-BASE

Quant Time: Aug 02 07:30:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

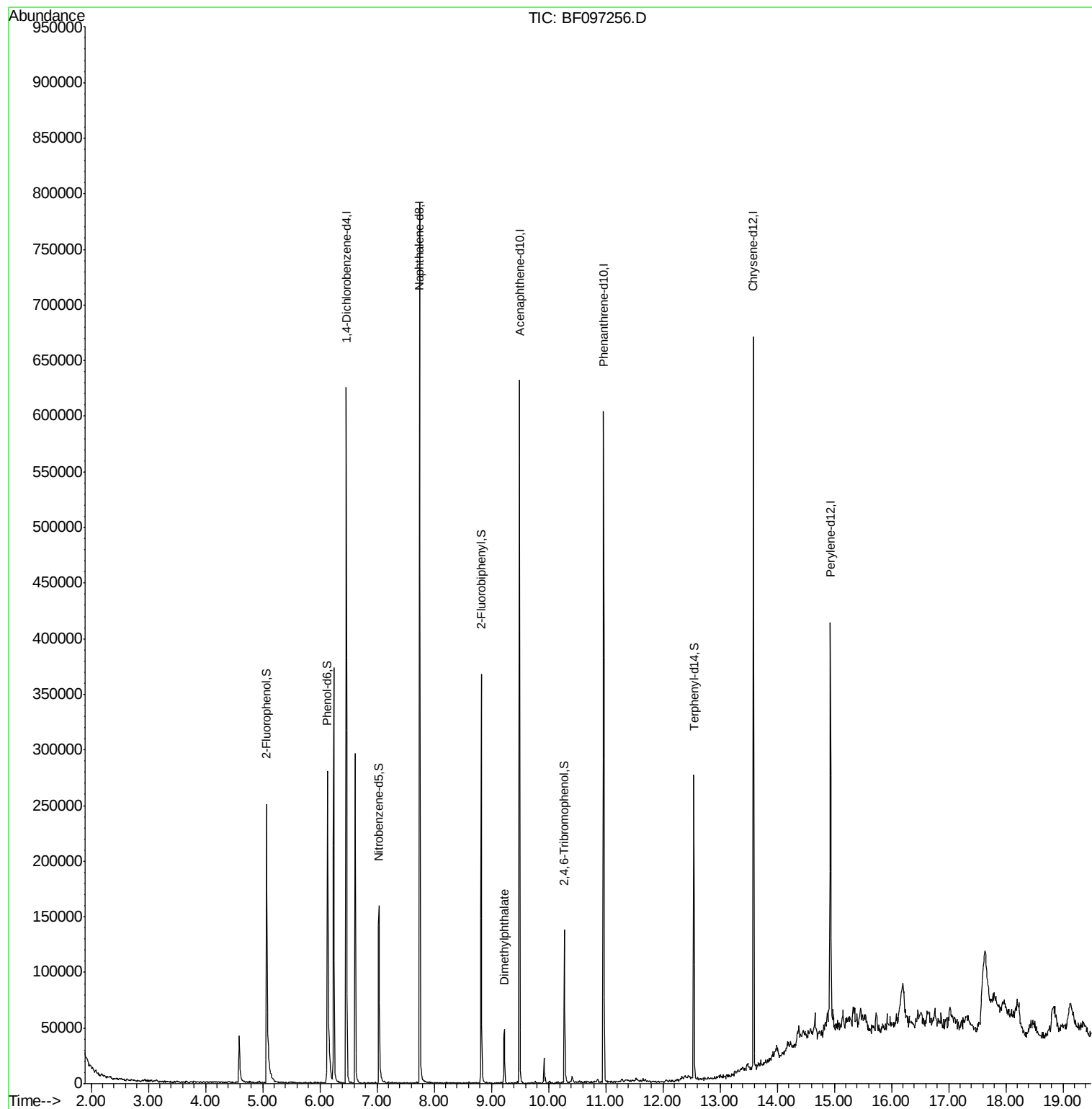
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	89908	20.00	ng	-0.04
21) Naphthalene-d8	7.75	136	336944	20.00	ng	-0.04
38) Acenaphthene-d10	9.49	164	126714	20.00	ng	-0.04
63) Phenanthrene-d10	10.96	188	198171	20.00	ng	-0.04
75) Chrysene-d12	13.59	240	201656	20.00	ng	-0.04
86) Perylene-d12	14.93	264	139427	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	103634	17.38	ng	-0.03
7) Phenol-d6	6.13	99	122908	18.05	ng	-0.04
23) Nitrobenzene-d5	7.03	82	57443	10.00	ng	-0.04
41) 2,4,6-Tribromophenol	10.28	330	16301	16.28	ng	-0.04
44) 2-Fluorobiphenyl	8.82	172	108620	14.55	ng	-0.05
78) Terphenyl-d14	12.54	244	77289	7.81	ng	-0.04
Target Compounds						
49) Dimethylphthalate	9.23	163	21937	2.280	ng	Qvalue # 96

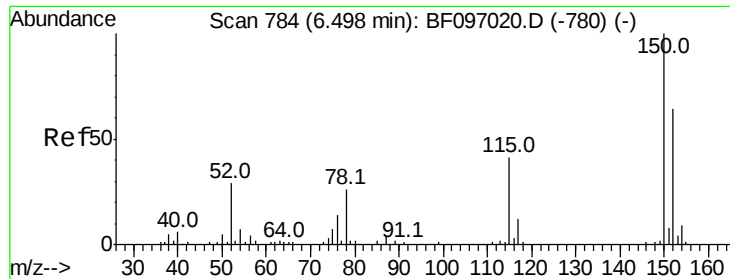
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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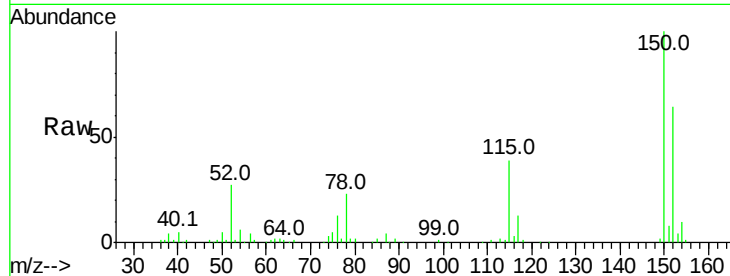


#1

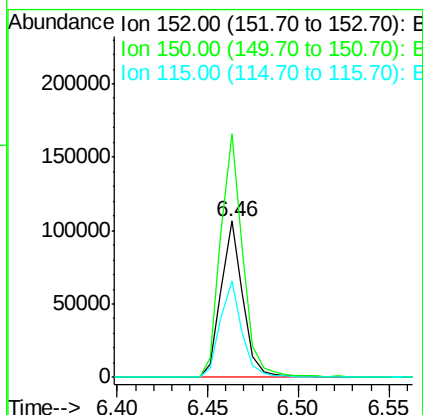
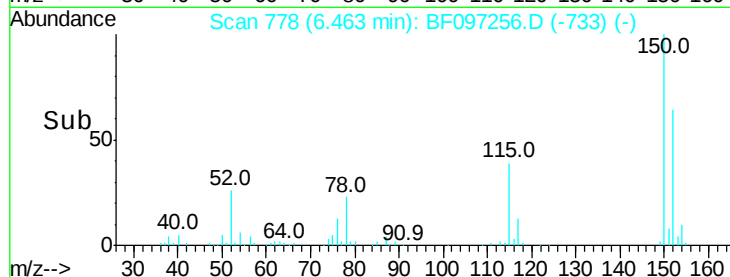
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.46 min Scan# 778
 Delta R.T. -0.04 min
 Lab File: BF097256.D
 Acq: 2 Aug 2017 6:05

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-BASE

Tot Ion:152 Resp: 89908
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.2 189.2
 115 61.2 52.2 78.2



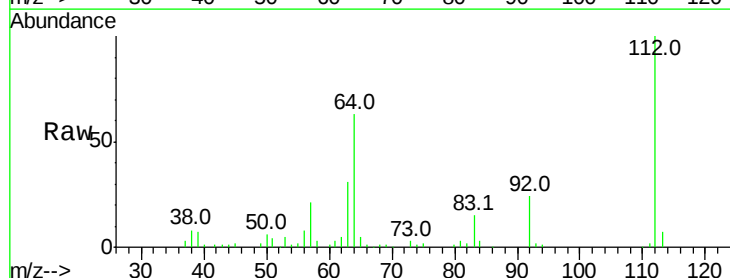
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



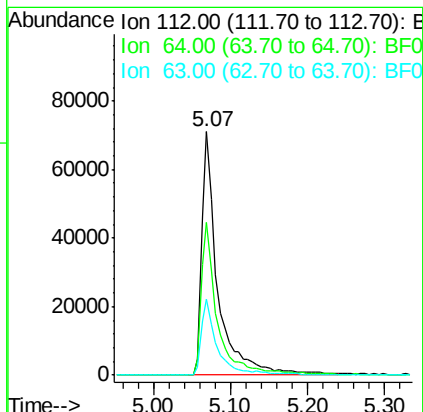
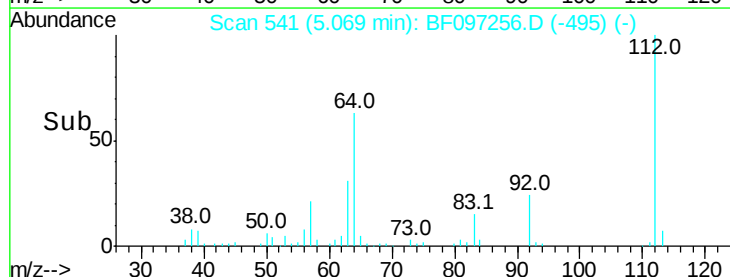
#5

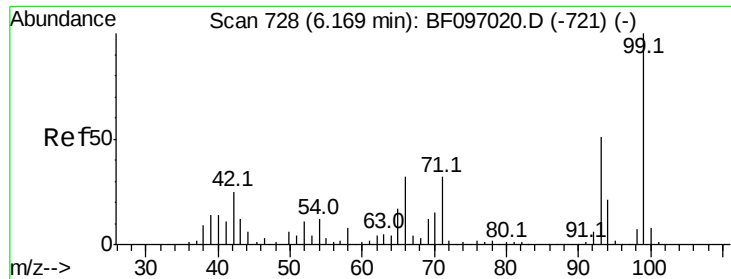
2-Fluorophenol
 Concen: 17.376 ng
 RT: 5.07 min Scan# 541
 Delta R.T. -0.03 min
 Lab File: BF097256.D
 Acq: 2 Aug 2017 6:05

Tgt Ion:112 Resp: 103634
 Ion Ratio Lower Upper
 112 100
 64 62.9 46.0 69.0
 63 31.2 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: 18.052 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.04 min

Lab File: BF097256.D

Acq: 2 Aug 2017 6:05

Instrument :

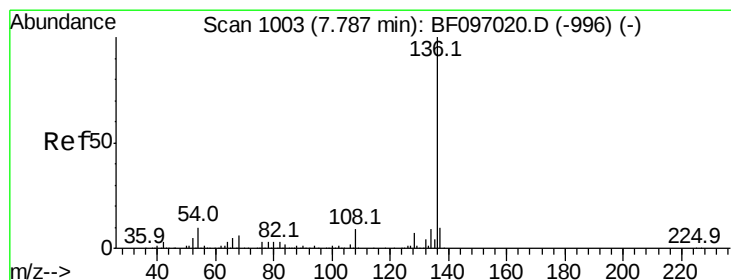
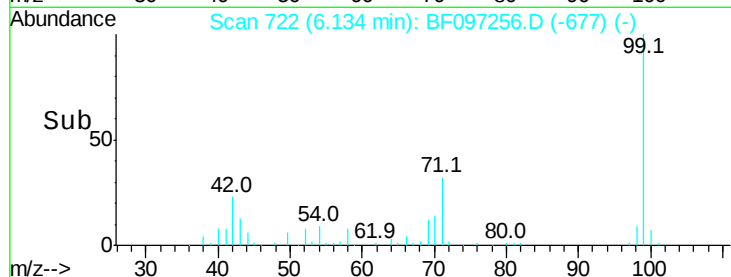
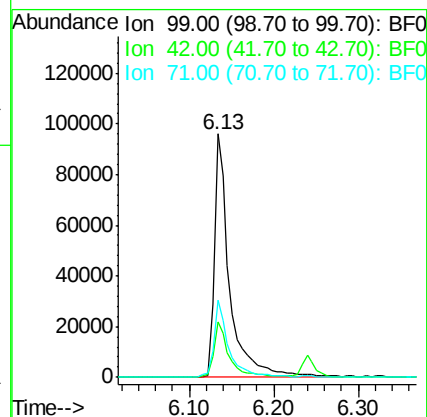
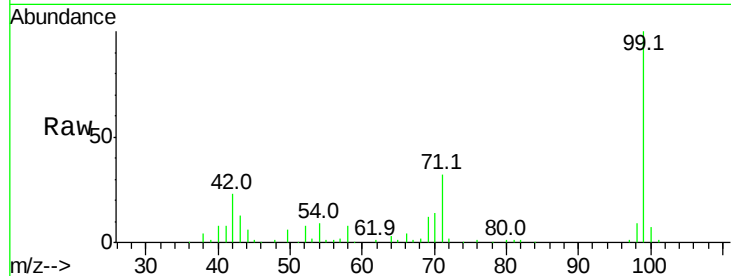
BNA_F

ClientSampleId :

E2-HS7-BASE

Tot Ion: 99 Resp: 122908

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	31.6	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.75 min Scan# 996

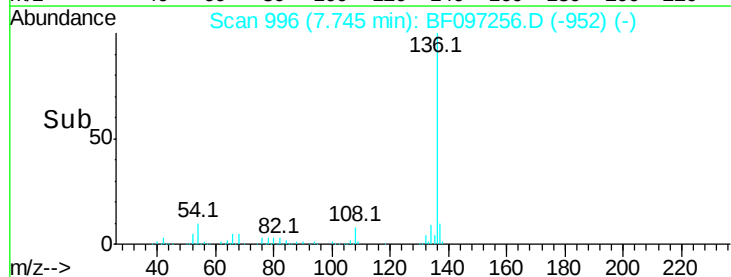
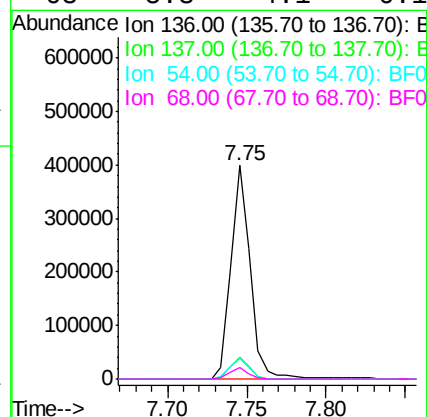
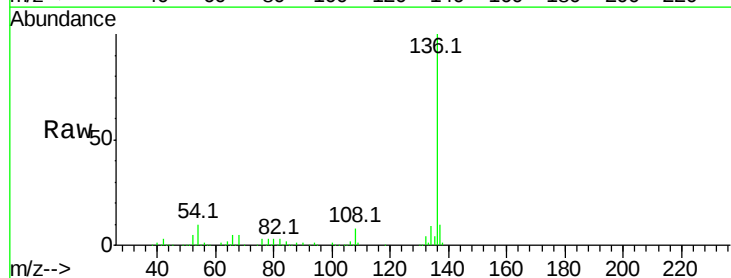
Delta R.T. -0.04 min

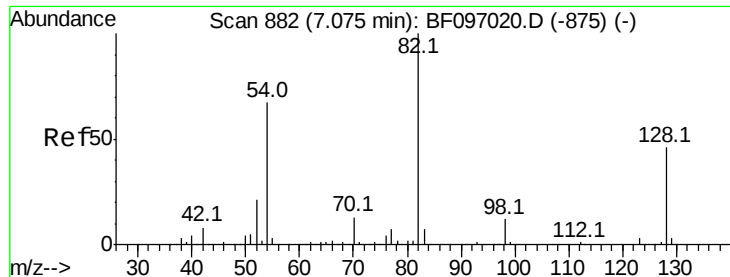
Lab File: BF097256.D

Acq: 2 Aug 2017 6:05

Tgt Ion: 136 Resp: 336944

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	9.8	4.9	7.3#
68	5.3	4.1	6.1

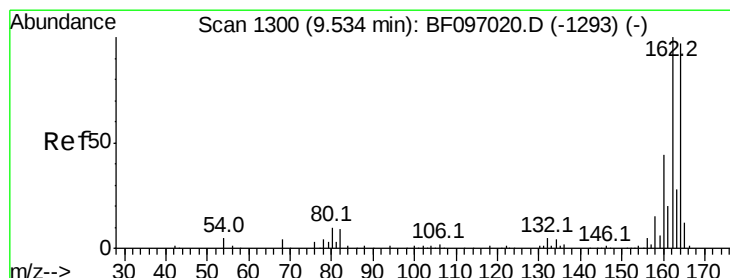
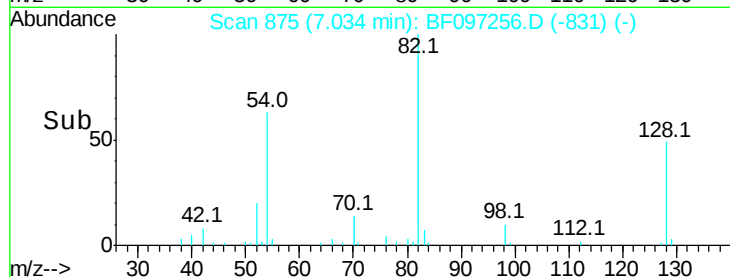
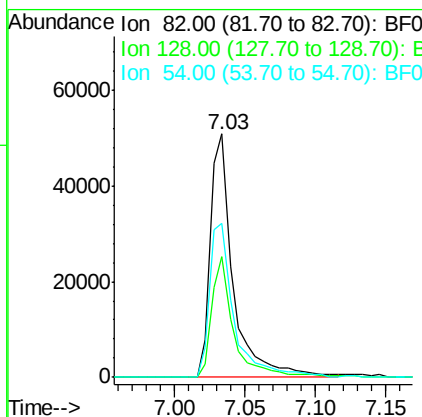
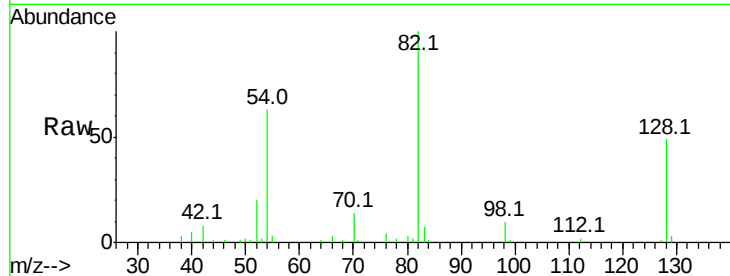




#23
Nitrobenzene-d5
Concen: 10.001 ng
RT: 7.03 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF097256.D
Acq: 2 Aug 2017 6:05

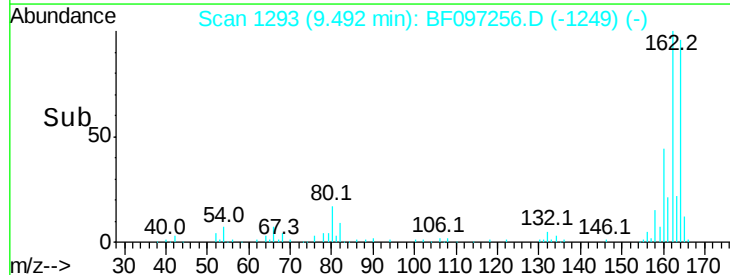
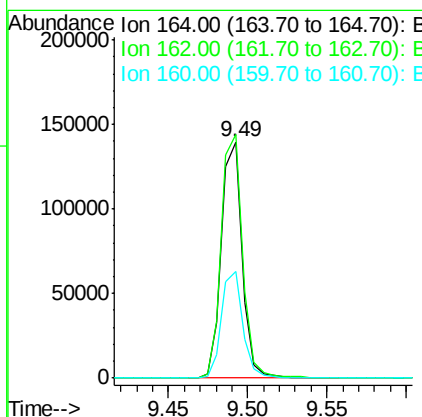
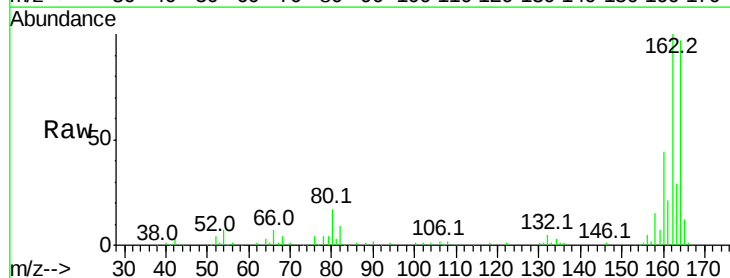
Instrument :
BNA_F
ClientSampleId :
E2-HS7-BASE

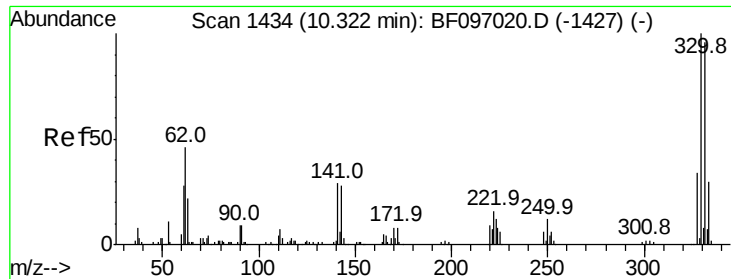
Tot Ion: 82 Resp: 57443
Ion Ratio Lower Upper
82 100
128 49.5 34.0 51.0
54 63.1 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.04 min
Lab File: BF097256.D
Acq: 2 Aug 2017 6:05

Tgt Ion:164 Resp: 126714
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 44.9 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 16.282 ng

RT: 10.28 min Scan# 1427

Delta R.T. -0.04 min

Lab File: BF097256.D

Acq: 2 Aug 2017 6:05

Instrument :

BNA_F

ClientSampleId :

E2-HS7-BASE

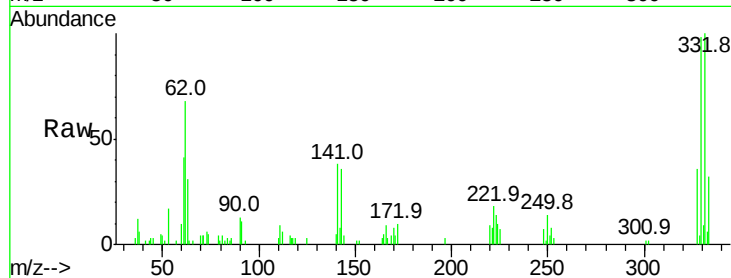
Tot Ion:330 Resp: 16301

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

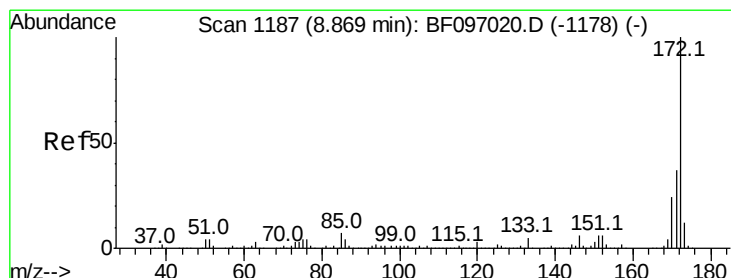
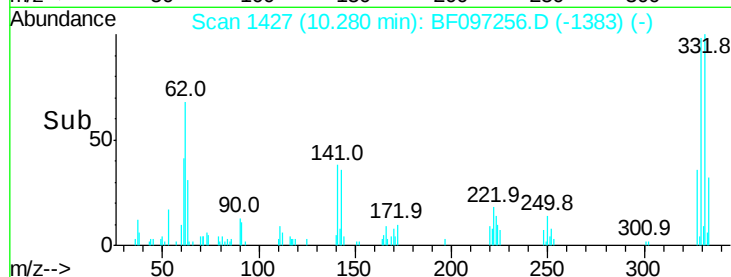
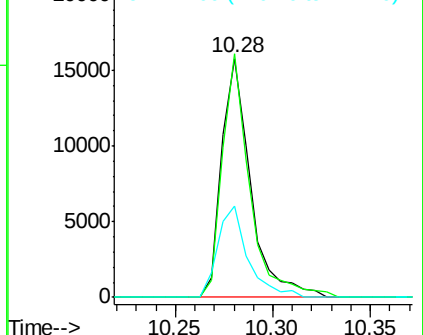
141 39.8 31.4 47.2



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: 14.548 ng

RT: 8.82 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF097256.D

Acq: 2 Aug 2017 6:05

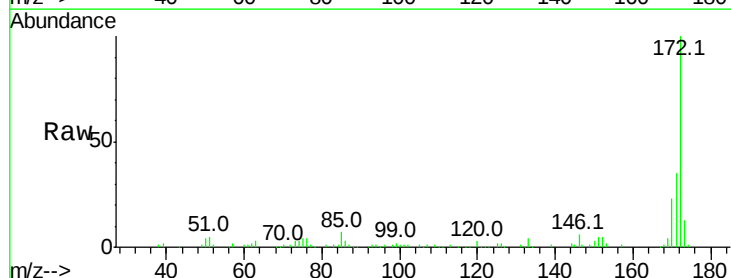
Tgt Ion:172 Resp: 108620

Ion Ratio Lower Upper

172 100

171 34.6 29.6 44.4

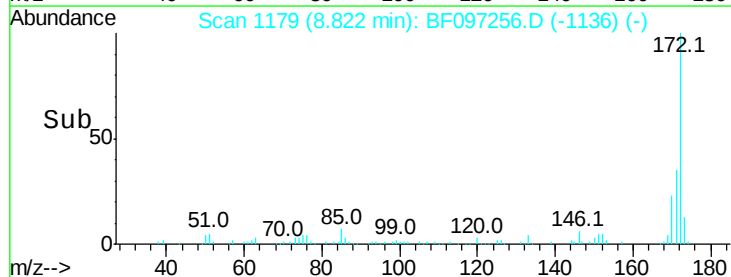
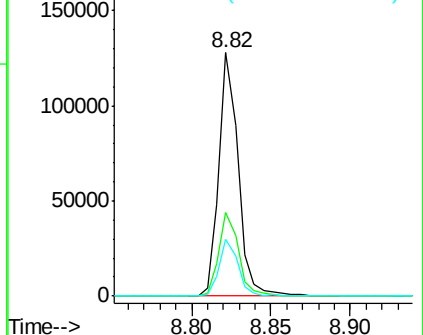
170 23.2 19.8 29.8

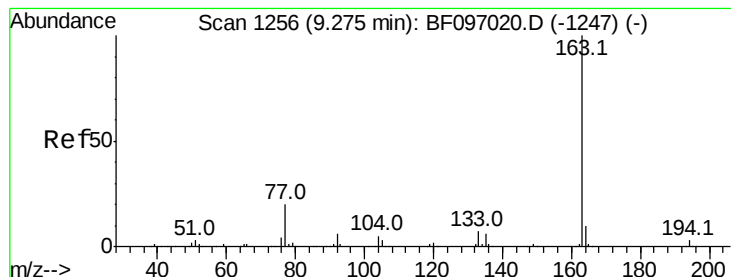


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.280 ng

RT: 9.23 min Scan# 1248

Delta R.T. -0.05 min

Lab File: BF097256.D

Acq: 2 Aug 2017 6:05

Instrument :

BNA_F

ClientSampleId :

E2-HS7-BASE

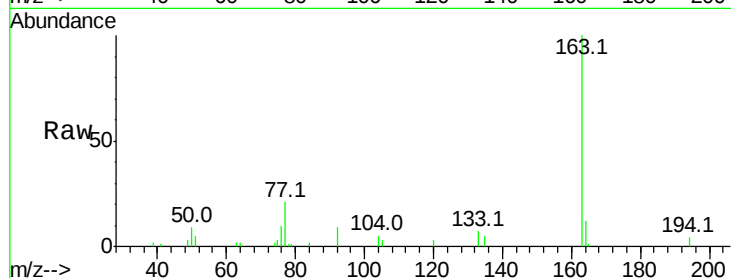
Tot Ion:163 Resp: 21937

Ion Ratio Lower Upper

163 100

194 4.5 2.6 4.0#

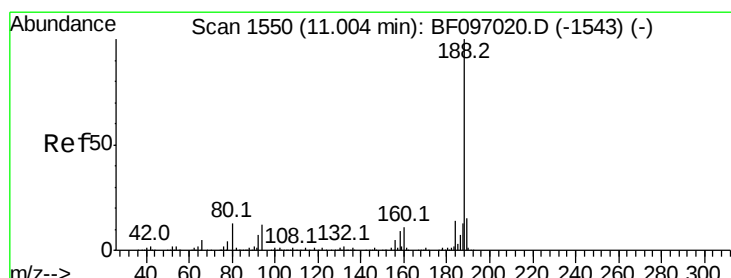
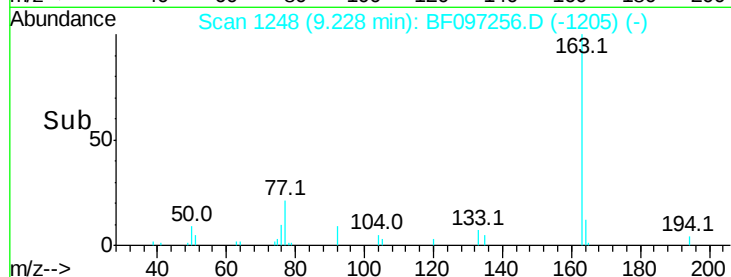
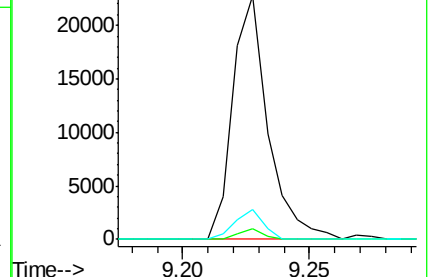
164 12.3 8.4 12.6



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: 10.96 min Scan# 1543

Delta R.T. -0.04 min

Lab File: BF097256.D

Acq: 2 Aug 2017 6:05

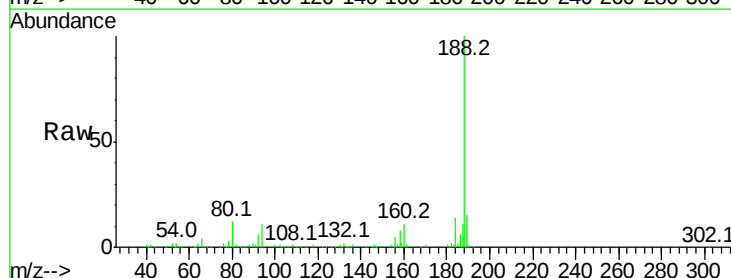
Tgt Ion:188 Resp: 198171

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

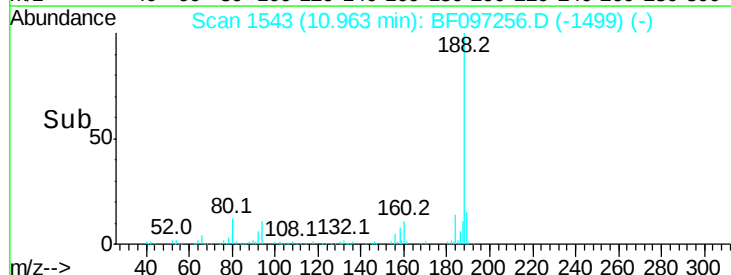
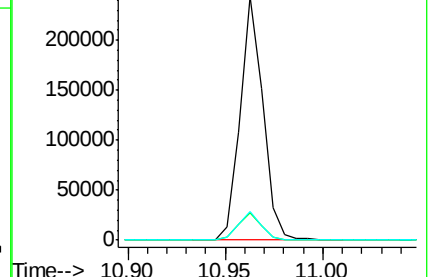
80 11.5 10.2 15.2

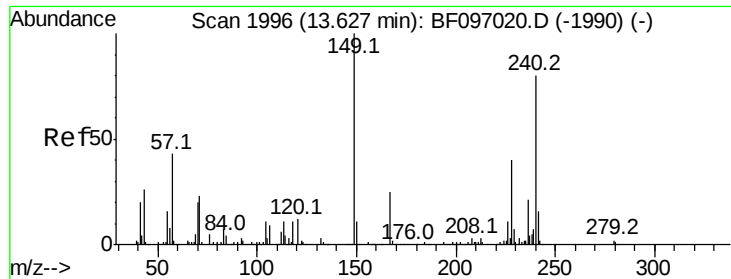


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.59 min Scan# 1989

Delta R.T. -0.04 min

Lab File: BF097256.D

Acq: 2 Aug 2017 6:05

Instrument :

BNA_F

ClientSampleId :

E2-HS7-BASE

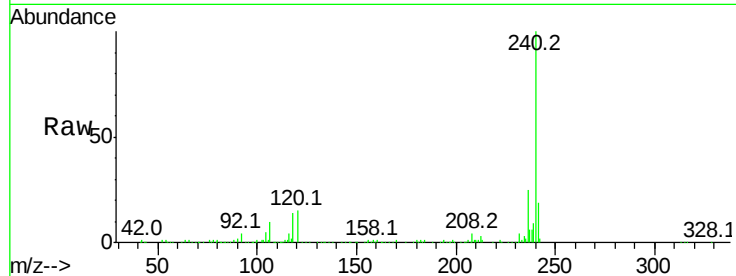
Tot Ion:240 Resp: 201656

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

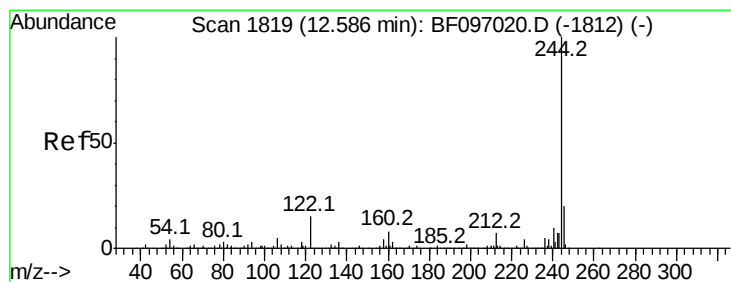
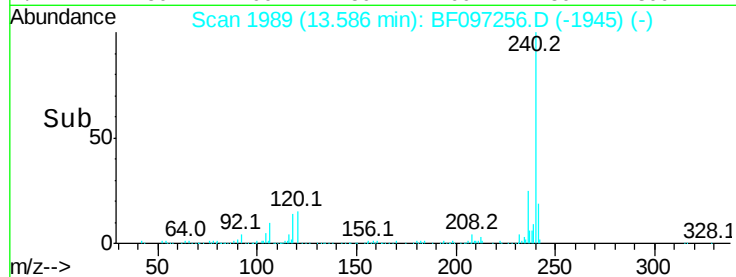
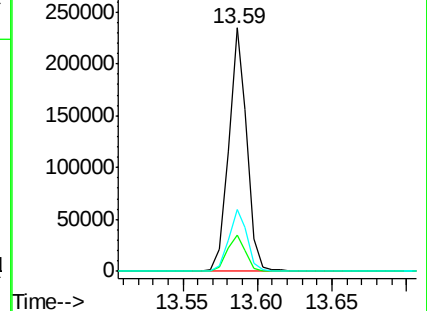
236 25.3 20.5 30.7



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: 7.814 ng

RT: 12.54 min Scan# 1812

Delta R.T. -0.04 min

Lab File: BF097256.D

Acq: 2 Aug 2017 6:05

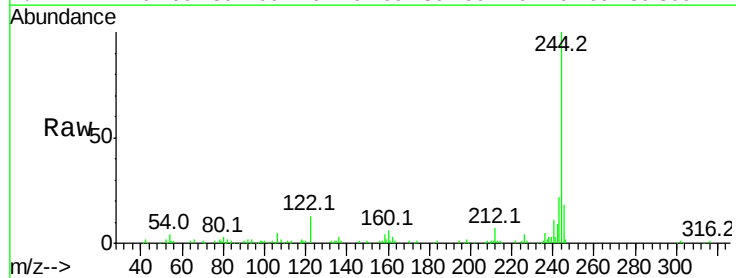
Tgt Ion:244 Resp: 77289

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

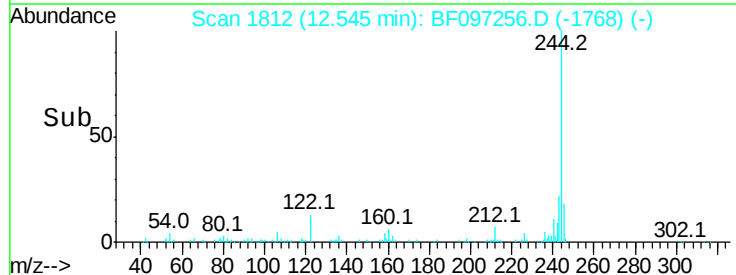
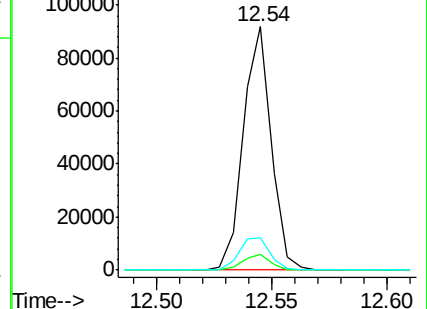
122 13.2 10.3 15.5

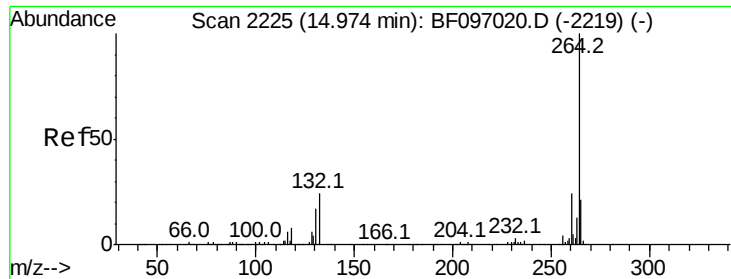


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.93 min Scan# 2218
 Delta R.T. -0.04 min
 Lab File: BF097256.D
 Acq: 2 Aug 2017 6:05

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.5	29.3
265	20.2	17.2	25.8

