

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097397.D
 Acq On : 5 Aug 2017 15:13
 Operator : SJ/JU
 Sample : I4608-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLEAN-SAND-5

Quant Time: Aug 06 04:35:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

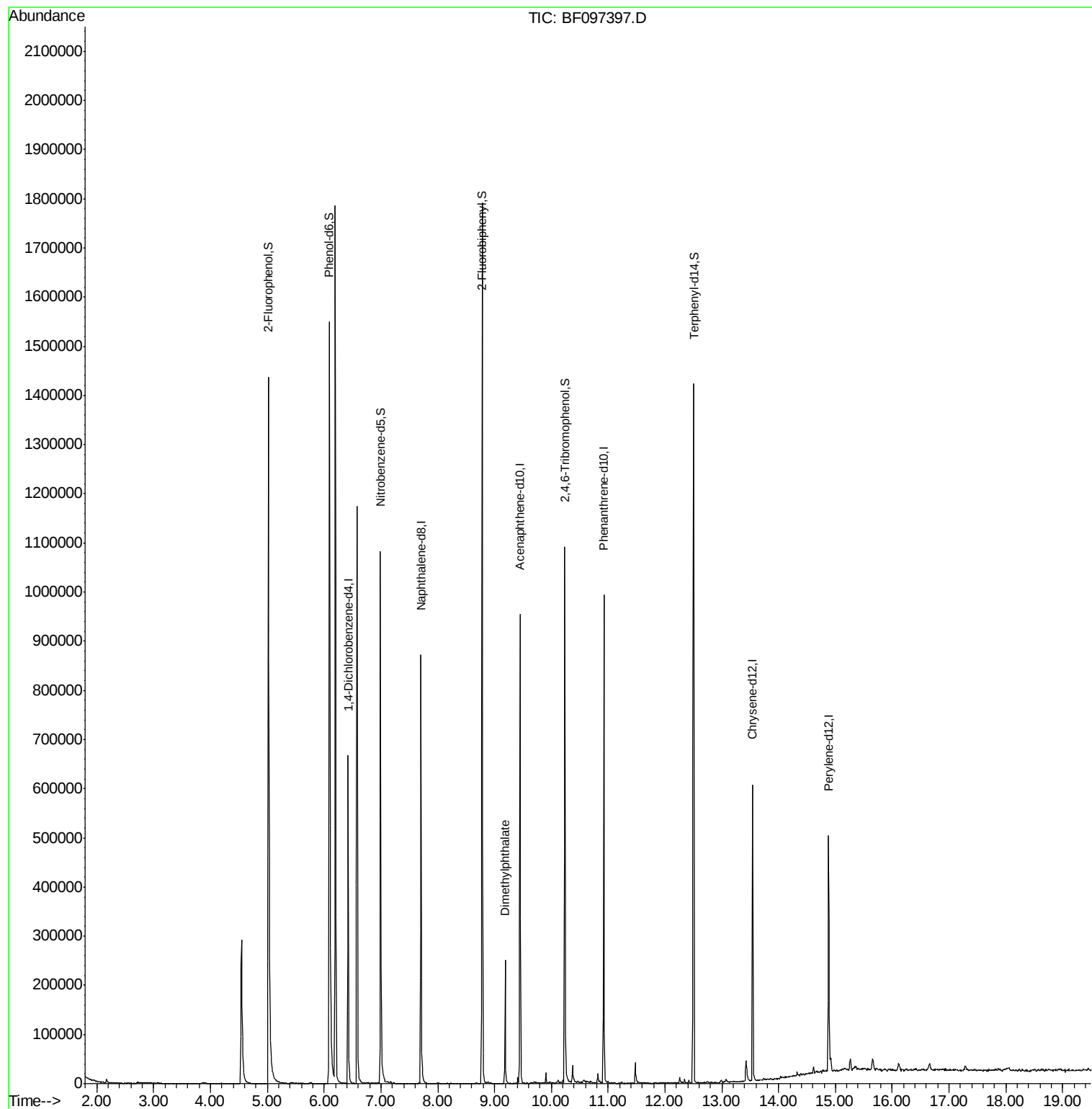
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.42	152	95290	20.00	ng	-0.08
21) Naphthalene-d8	7.70	136	412110	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	197706	20.00	ng	-0.08
63) Phenanthrene-d10	10.92	188	337846	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	214143	20.00	ng	-0.09
86) Perylene-d12	14.88	264	189253	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	513704	81.27	ng	-0.08
7) Phenol-d6	6.09	99	605097	83.85	ng	-0.08
23) Nitrobenzene-d5	6.99	82	349313	49.72	ng	-0.08
41) 2,4,6-Tribromophenol	10.24	330	128438	82.22	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	592186	50.83	ng	-0.08
78) Terphenyl-d14	12.50	244	469195	44.67	ng	-0.08
Target Compounds						Qvalue
49) Dimethylphthalate	9.19	163	99644	6.637	ng	98

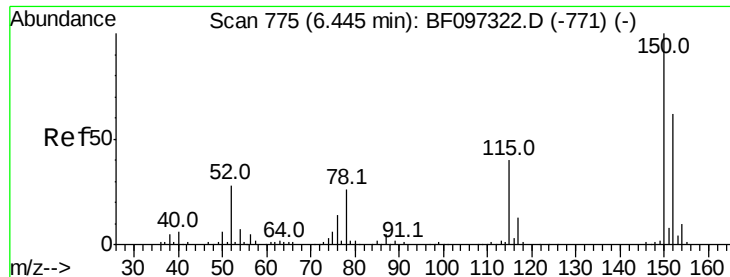
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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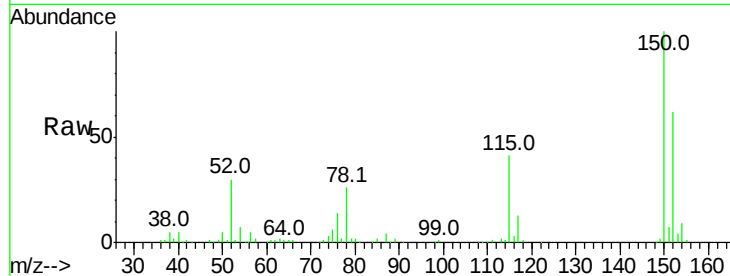


#1

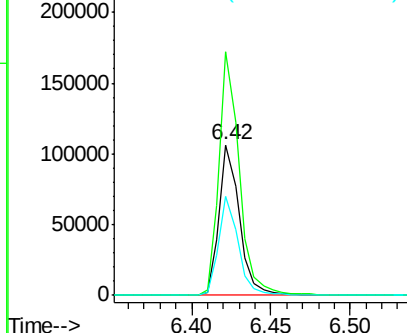
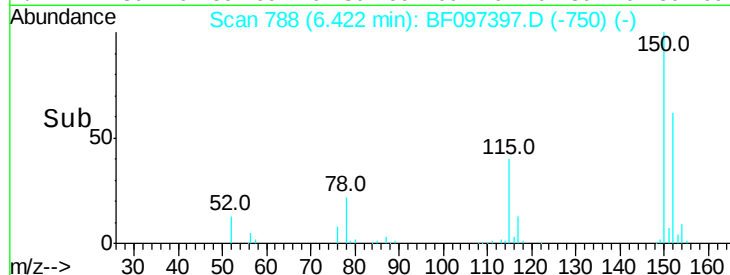
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.42 min Scan# 788
 Delta R.T. -0.08 min
 Lab File: BF097397.D
 Acq: 5 Aug 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :
 CLEAN-SAND-5

Tot Ion:152 Resp: 95290
 Ion Ratio Lower Upper
 152 100
 150 162.1 126.2 189.2
 115 65.7 52.2 78.2



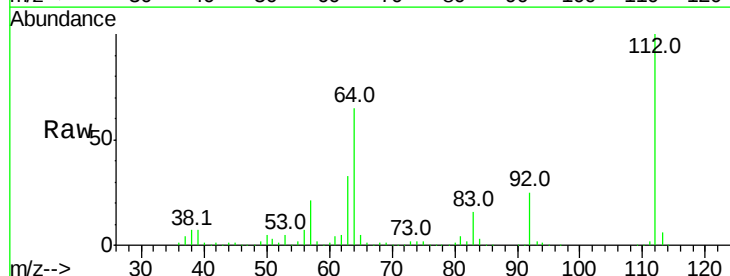
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



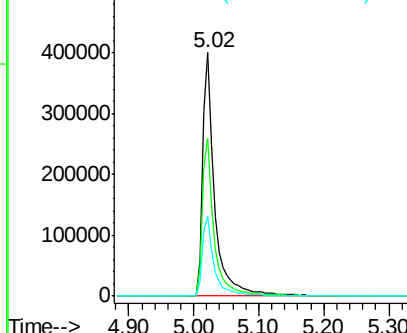
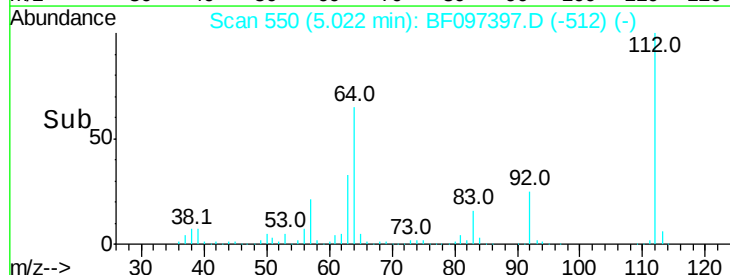
#5

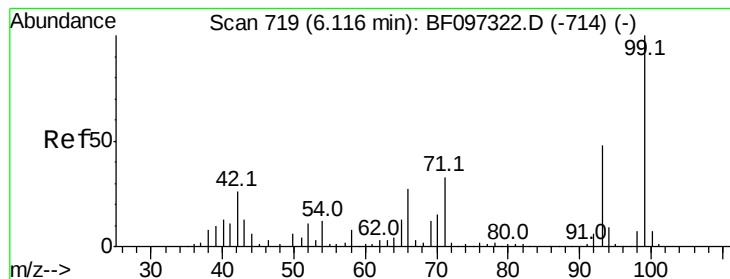
2-Fluorophenol
 Concen: 81.268 ng
 RT: 5.02 min Scan# 550
 Delta R.T. -0.08 min
 Lab File: BF097397.D
 Acq: 5 Aug 2017 15:13

Tgt Ion:112 Resp: 513704
 Ion Ratio Lower Upper
 112 100
 64 64.6 46.0 69.0
 63 32.7 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: 83.851 ng

RT: 6.09 min Scan# 732

Delta R.T. -0.08 min

Lab File: BF097397.D

Acq: 5 Aug 2017 15:13

Instrument :

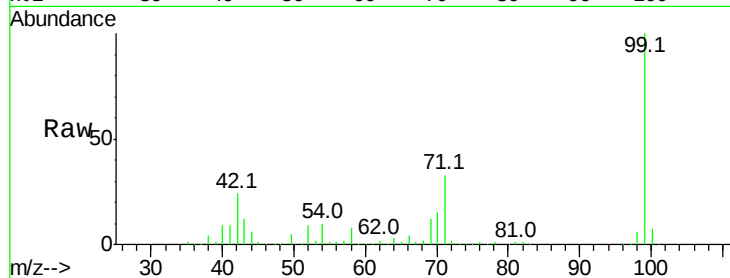
BNA_F

ClientSampleId :

CLEAN-SAND-5

Tot Ion: 99 Resp: 605097

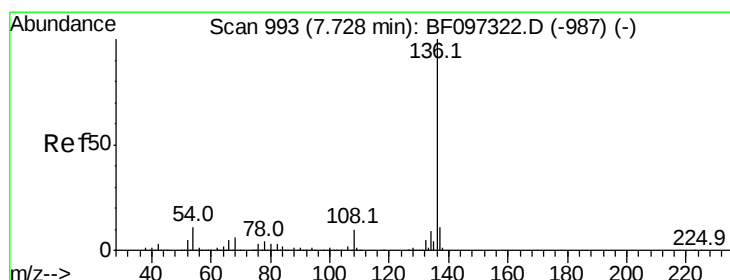
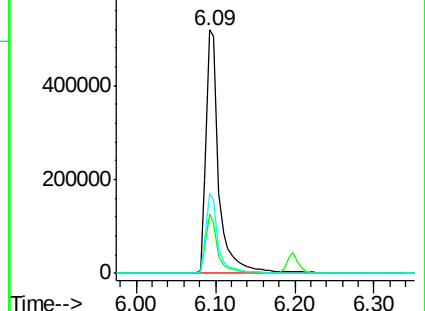
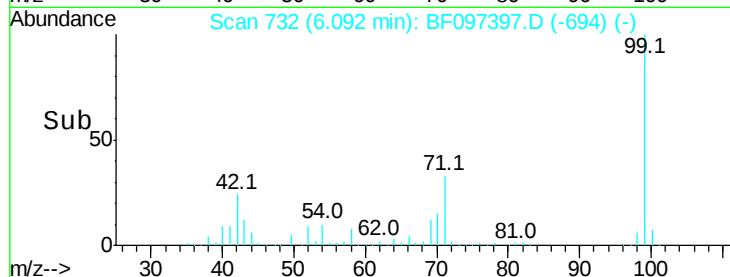
Ion	Ratio	Lower	Upper
99	100		
42	24.4	13.5	20.3#
71	32.5	24.5	36.7



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: 7.70 min Scan# 1006

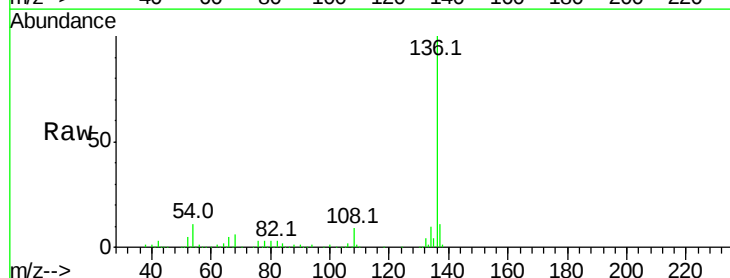
Delta R.T. -0.08 min

Lab File: BF097397.D

Acq: 5 Aug 2017 15:13

Tgt Ion: 136 Resp: 412110

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	11.1	4.9	7.3#
68	5.7	4.1	6.1

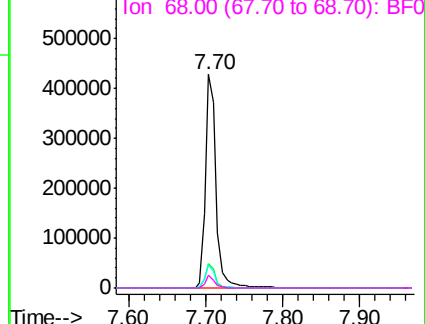
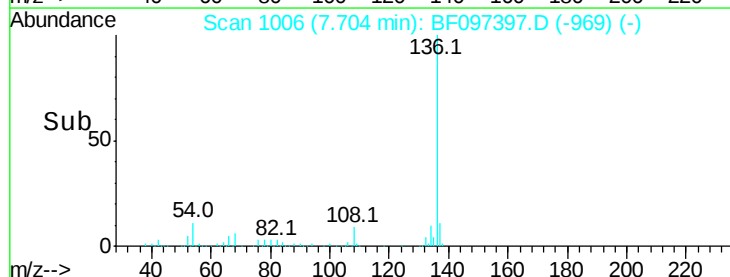


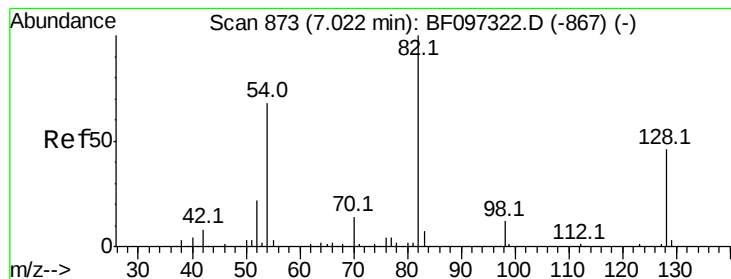
Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.725 ng

RT: 6.99 min Scan# 885

Delta R.T. -0.08 min

Lab File: BF097397.D

Acq: 5 Aug 2017 15:13

Instrument :

BNA_F

ClientSampleId :

CLEAN-SAND-5

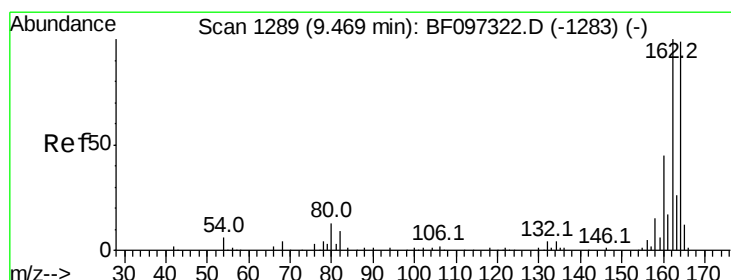
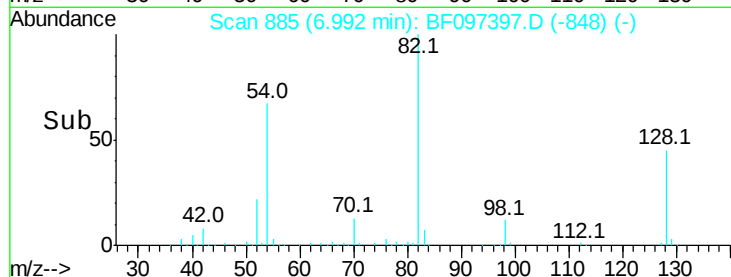
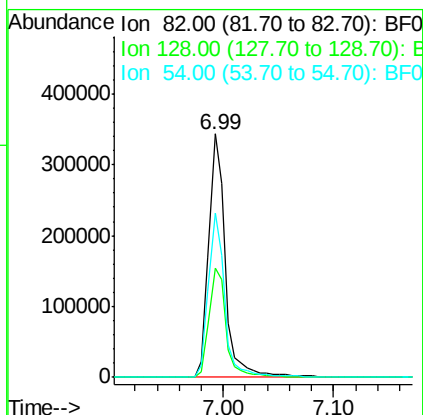
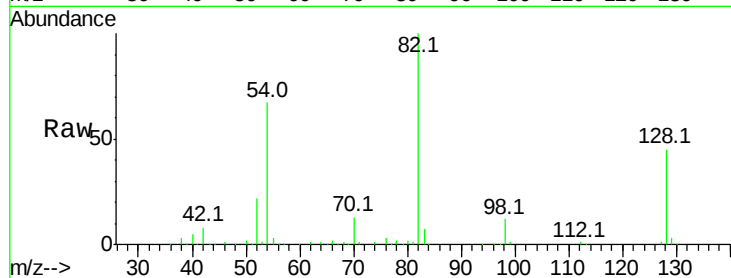
Tot Ion: 82 Resp: 349313

Ion Ratio Lower Upper

82 100

128 44.8 34.0 51.0

54 67.5 42.2 63.2#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.45 min Scan# 1303

Delta R.T. -0.08 min

Lab File: BF097397.D

Acq: 5 Aug 2017 15:13

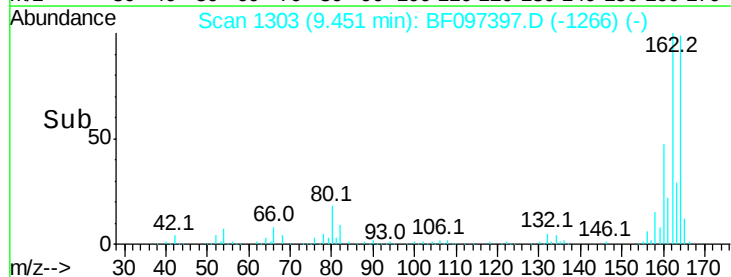
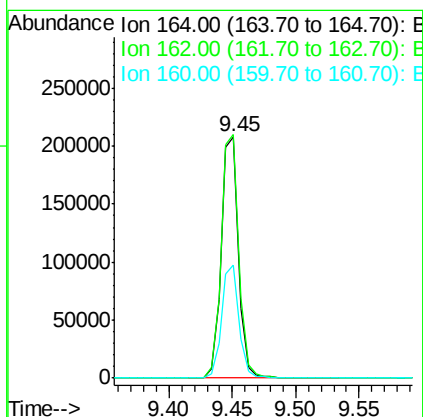
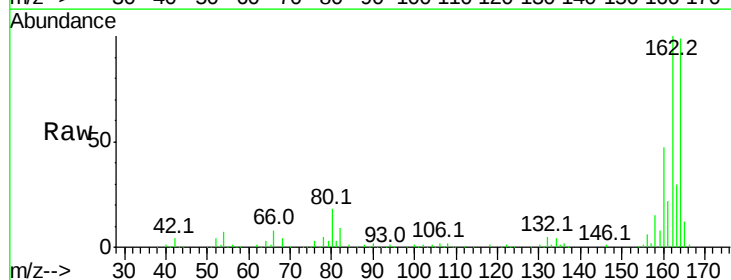
Tgt Ion: 164 Resp: 197706

Ion Ratio Lower Upper

164 100

162 101.0 82.6 123.8

160 47.0 36.2 54.2

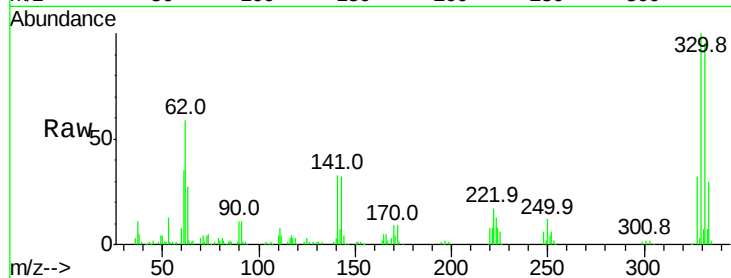




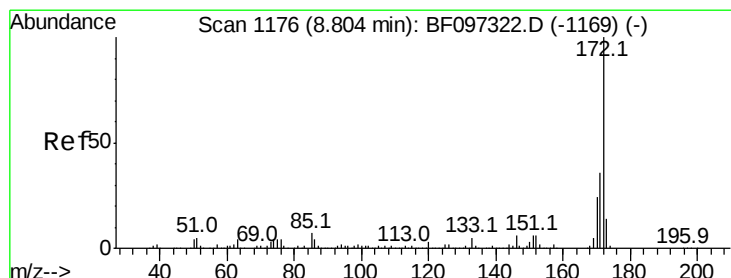
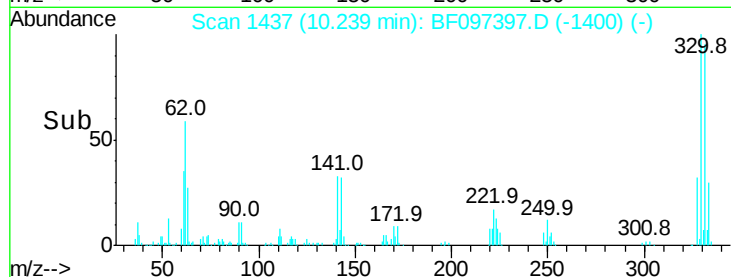
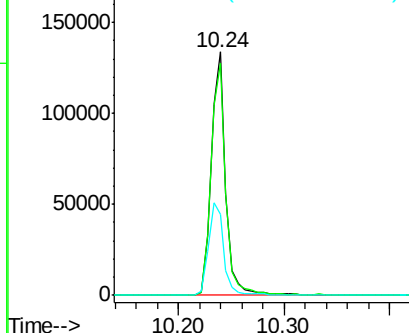
#41
 2,4,6-Tribromophenol
 Concen: 82.223 ng
 RT: 10.24 min Scan# 1437
 Delta R.T. -0.08 min
 Lab File: BF097397.D
 Acq: 5 Aug 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :
 CLEAN-SAND-5

Tot Ion:330 Resp: 128438
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 40.2 31.4 47.2

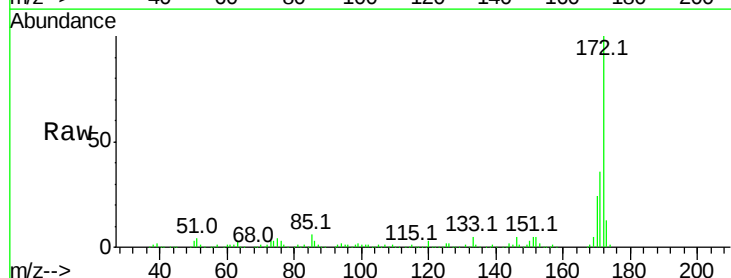


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

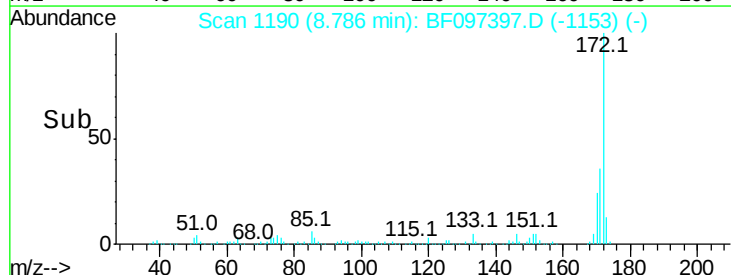
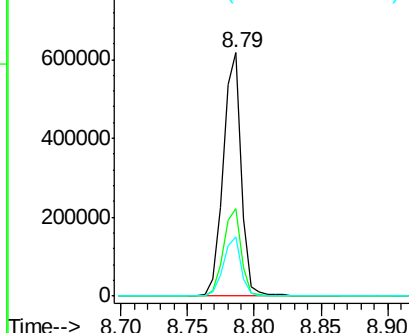


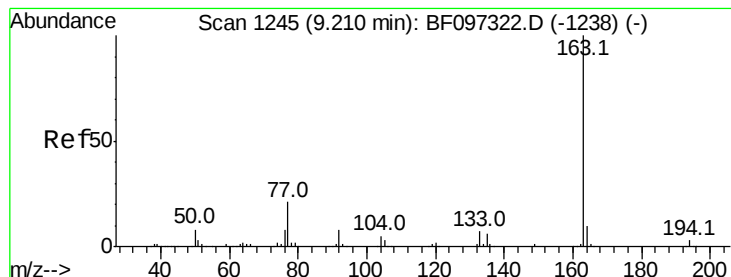
#44
 2-Fluorobiphenyl
 Concen: 50.833 ng
 RT: 8.79 min Scan# 1190
 Delta R.T. -0.08 min
 Lab File: BF097397.D
 Acq: 5 Aug 2017 15:13

Tgt Ion:172 Resp: 592186
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.1 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: 6.637 ng

RT: 9.19 min Scan# 1258

Delta R.T. -0.09 min

Lab File: BF097397.D

Acq: 5 Aug 2017 15:13

Instrument :

BNA_F

ClientSampleId :

CLEAN-SAND-5

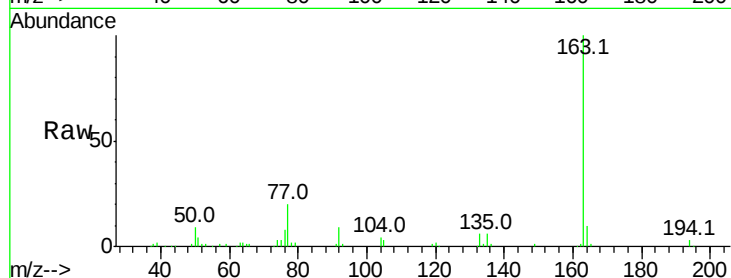
Tot Ion:163 Resp: 99644

Ion Ratio Lower Upper

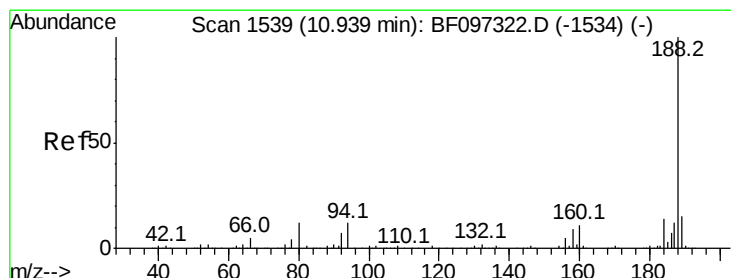
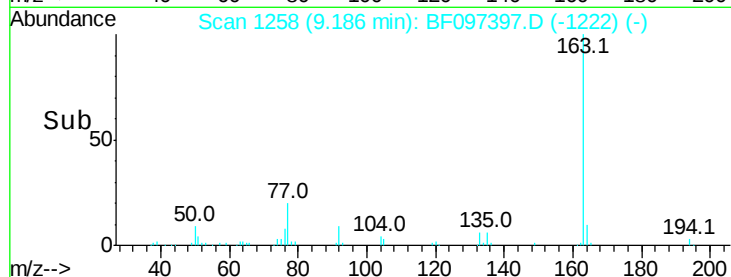
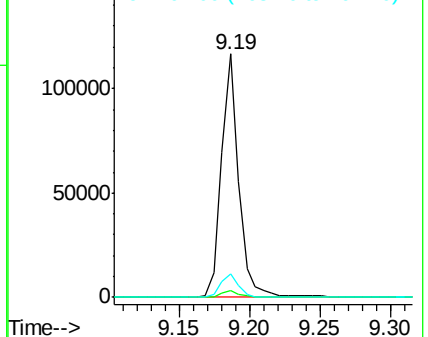
163 100

194 2.9 2.6 4.0

164 9.5 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: 10.92 min Scan# 1553

Delta R.T. -0.08 min

Lab File: BF097397.D

Acq: 5 Aug 2017 15:13

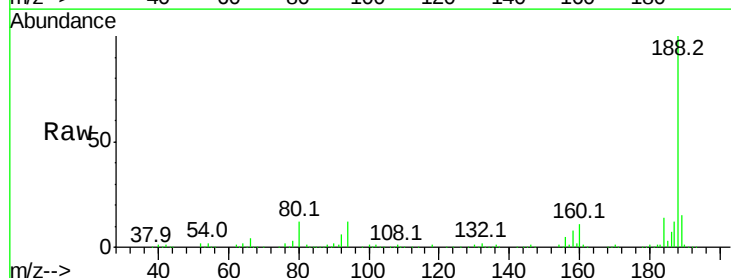
Tgt Ion:188 Resp: 337846

Ion Ratio Lower Upper

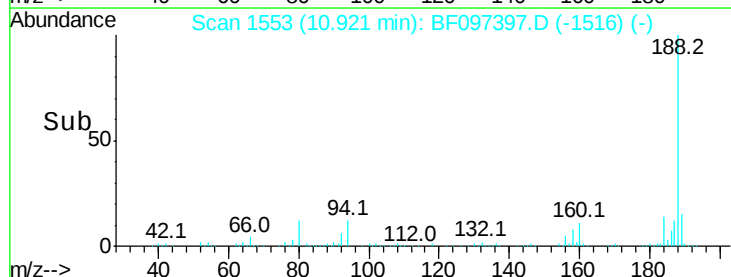
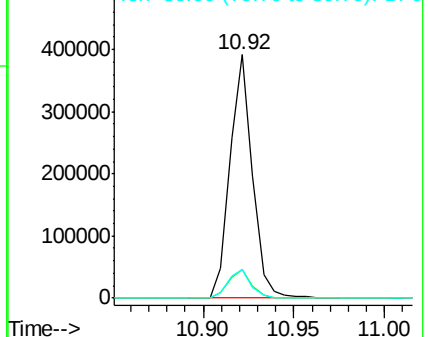
188 100

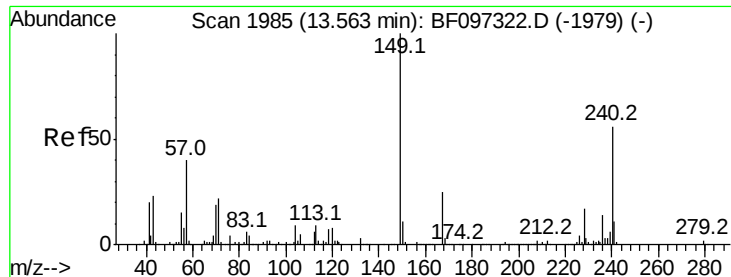
94 11.6 9.4 14.2

80 11.6 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: 13.54 min Scan# 1998

Delta R.T. -0.09 min

Lab File: BF097397.D

Acq: 5 Aug 2017 15:13

Instrument :

BNA_F

ClientSampleId :

CLEAN-SAND-5

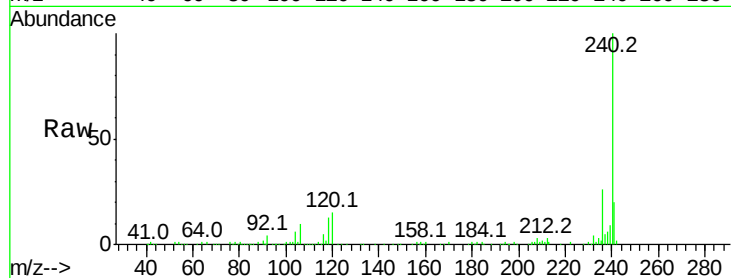
Tot Ion:240 Resp: 214143

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

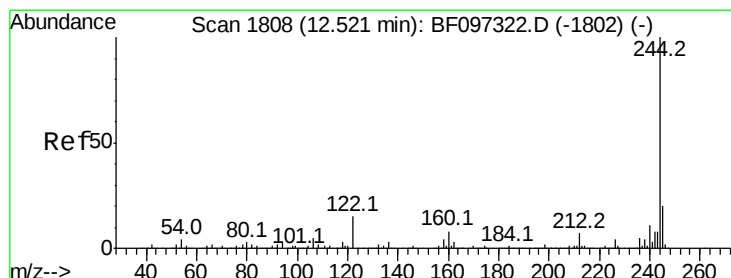
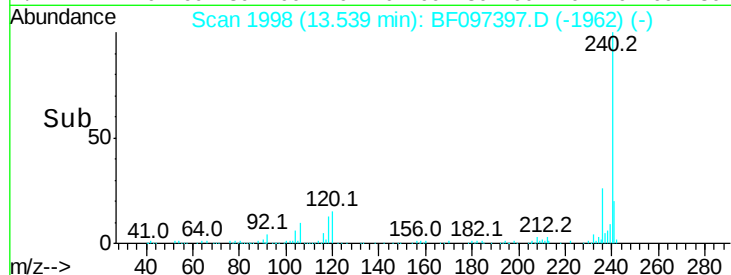
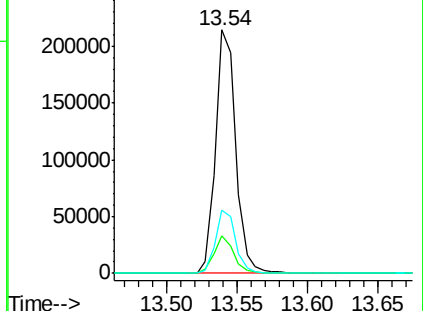
236 25.8 20.5 30.7



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: 44.672 ng

RT: 12.50 min Scan# 1822

Delta R.T. -0.08 min

Lab File: BF097397.D

Acq: 5 Aug 2017 15:13

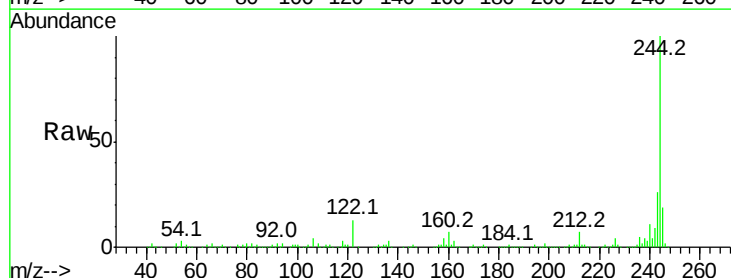
Tgt Ion:244 Resp: 469195

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

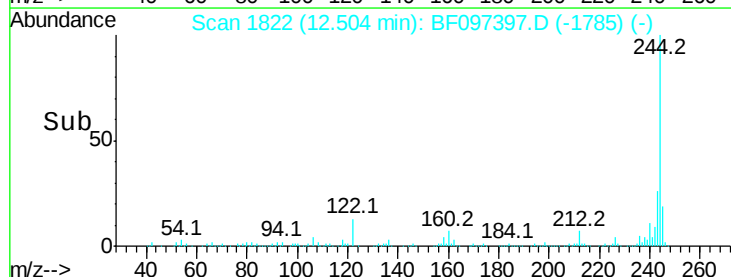
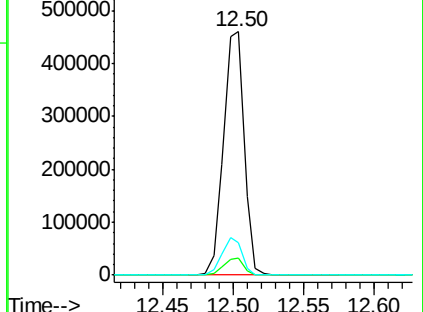
122 13.2 10.3 15.5

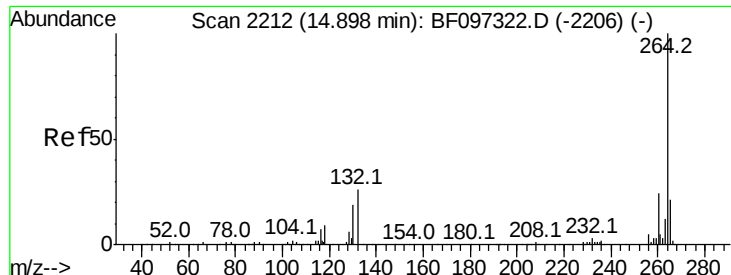


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.88 min Scan# 2226
Delta R.T. -0.09 min
Lab File: BF097397.D
Acq: 5 Aug 2017 15:13

Instrument :
BNA_F
ClientSampleId :
CLEAN-SAND-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.2	17.2	25.8

