

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082317\
 Data File : BF097993.D
 Acq On : 23 Aug 2017 12:57
 Operator : SJ/JU
 Sample : I4915-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11991-GRAVEL-COMP

Quant Time: Aug 23 17:57:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

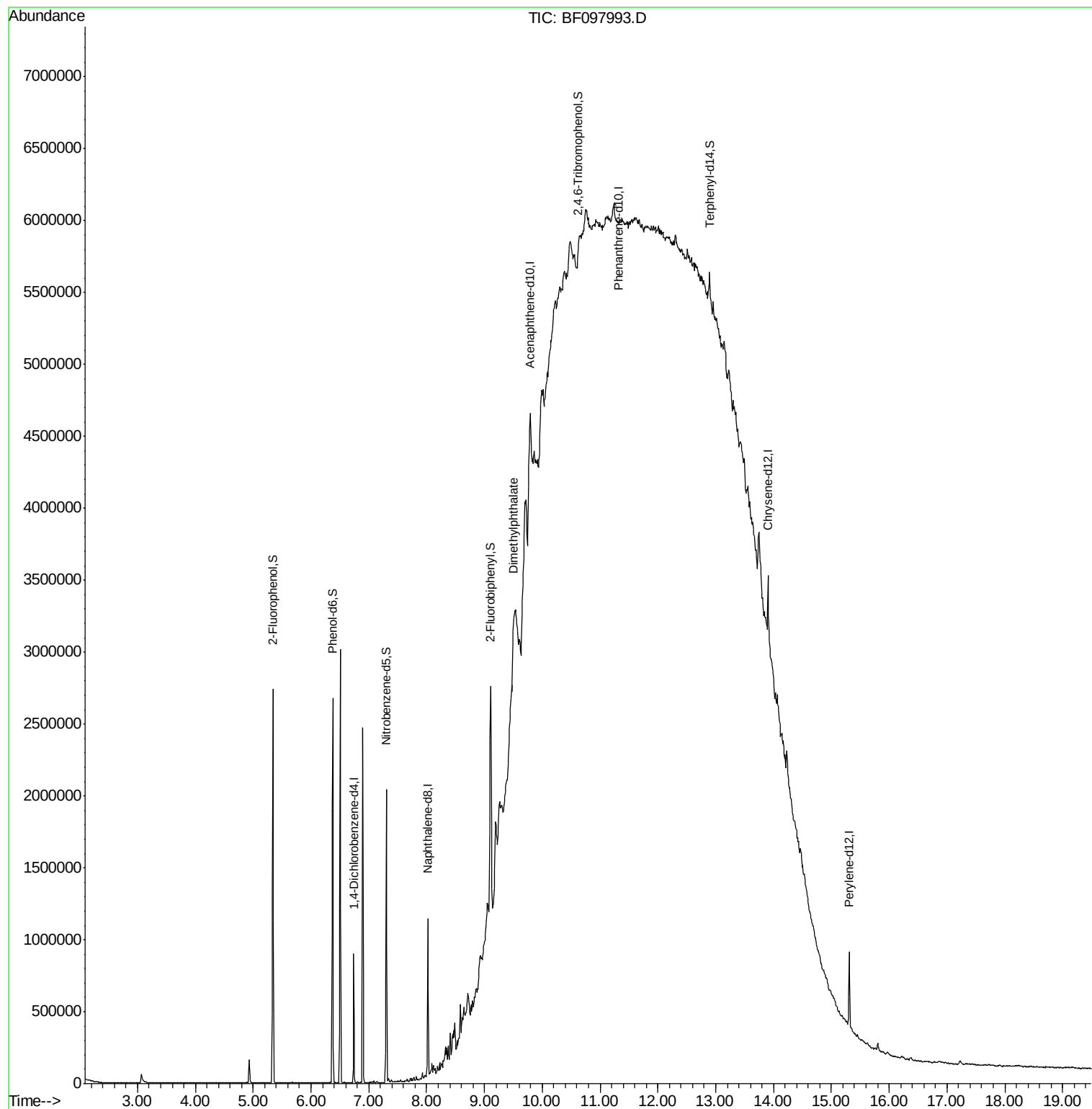
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	109408	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	415011	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	116289	20.00	ng	0.01
63) Phenanthrene-d10	11.32	188	71262	20.00	ng	0.05
75) Chrysene-d12	13.90	240	202169	20.00	ng	0.00
86) Perylene-d12	15.31	264	234504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	833522	115.88	ng	0.00
7) Phenol-d6	6.37	99	1167927	119.51	ng	-0.01
23) Nitrobenzene-d5	7.30	82	714882	93.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	89321	88.52	ng	0.03
44) 2-Fluorobiphenyl	9.10	172	1020370	128.91	ng	0.00
78) Terphenyl-d14	12.89	244	380952	39.29	ng	0.04
Target Compounds						
49) Dimethylphthalate	9.50	163	92017	10.825	ng	Qvalue # 77

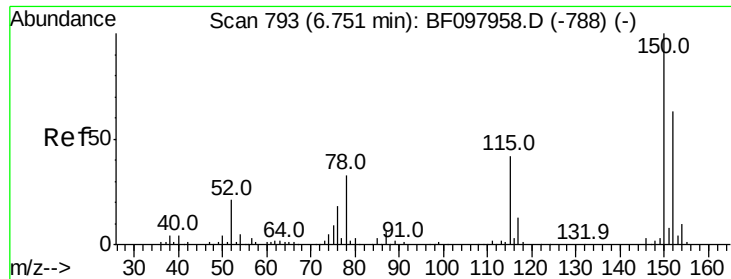
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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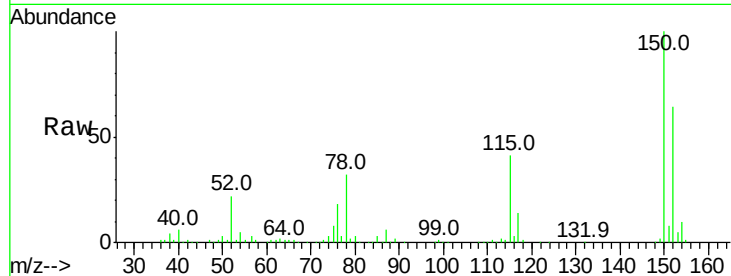


#1

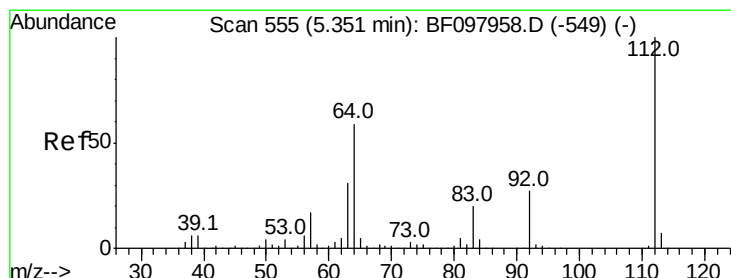
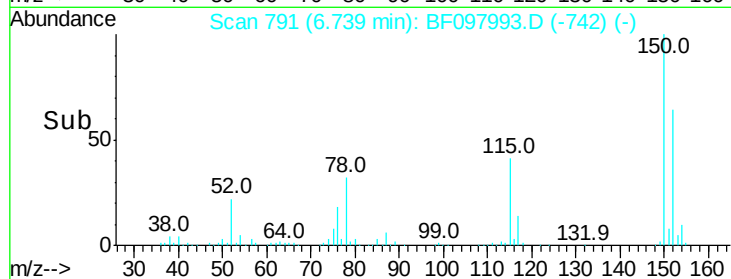
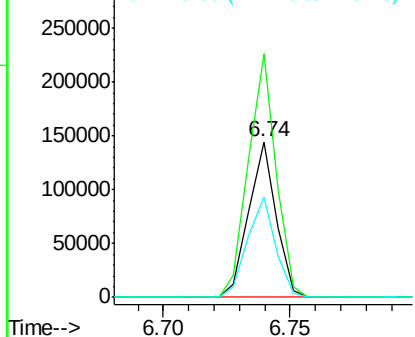
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF097993.D
Acq: 23 Aug 2017 12:57

Instrument :
BNA_F
ClientSampleId :
72-11991-GRAVEL-COMP

Tot Ion:152 Resp: 109408
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 64.5 52.2 78.2



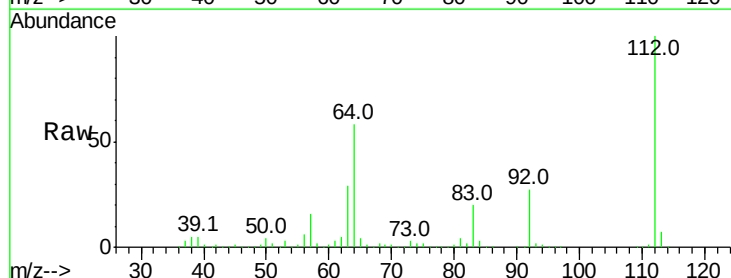
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



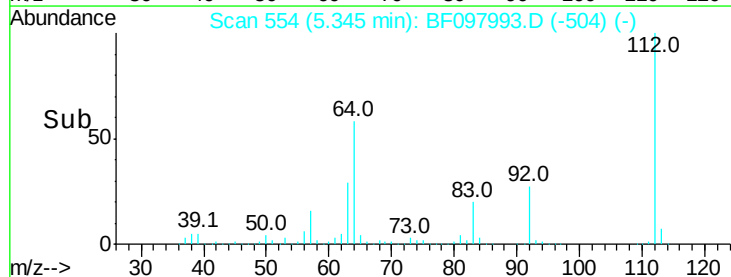
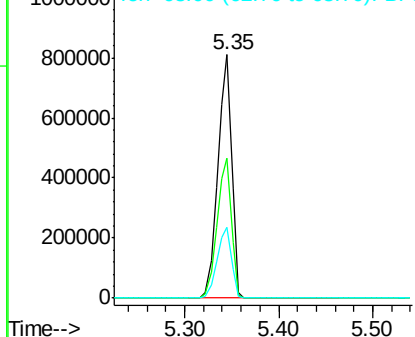
#5

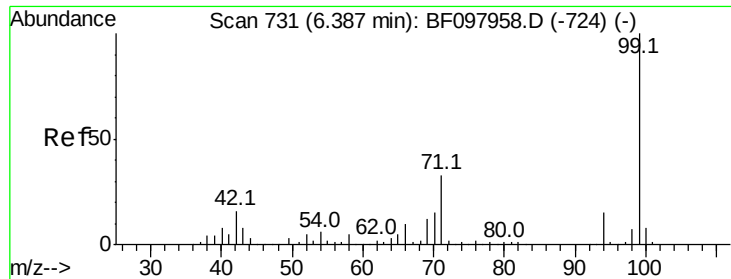
2-Fluorophenol
Concen: 115.883 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF097993.D
Acq: 23 Aug 2017 12:57

Tgt Ion:112 Resp: 833522
Ion Ratio Lower Upper
112 100
64 57.5 46.0 69.0
63 29.1 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: 119.506 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097993.D

Acq: 23 Aug 2017 12:57

Instrument :

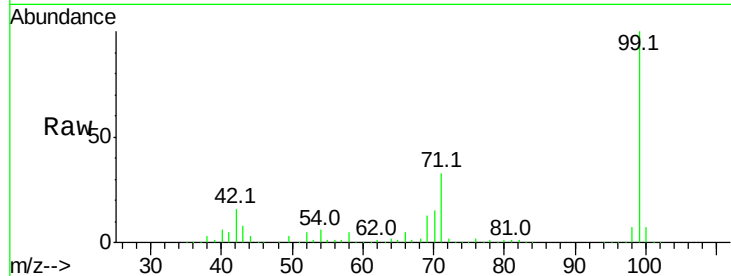
BNA_F

ClientSampleId :

72-11991-GRAVEL-COMP

Tot Ion: 99 Resp: 1167927

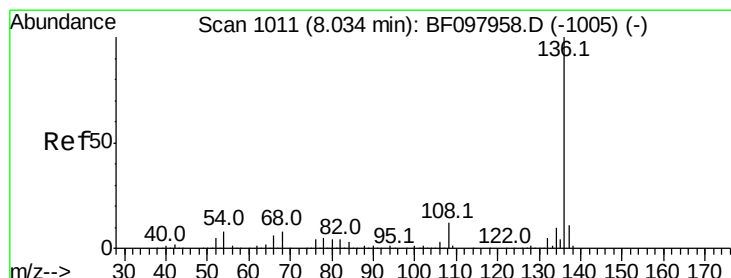
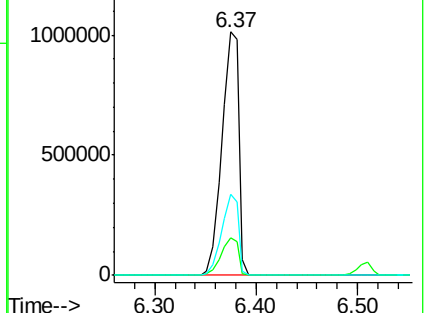
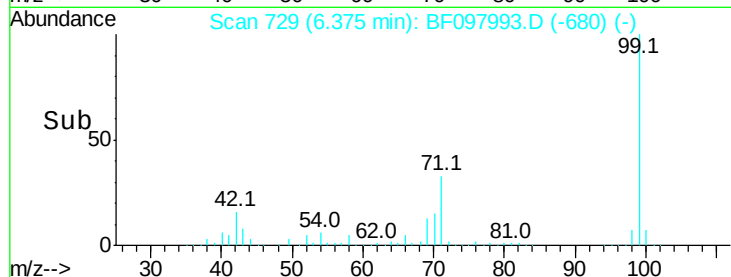
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	33.2	24.5	36.7



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: 8.02 min Scan# 1009

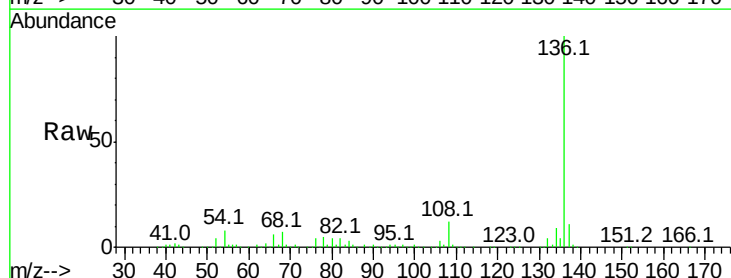
Delta R.T. -0.01 min

Lab File: BF097993.D

Acq: 23 Aug 2017 12:57

Tgt Ion: 136 Resp: 415011

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.7	4.9	7.3#
68	7.4	4.1	6.1#

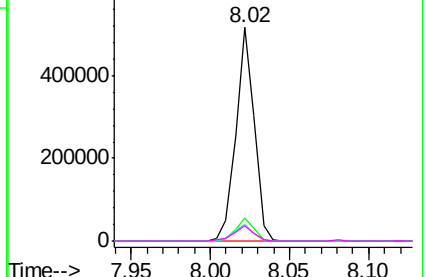
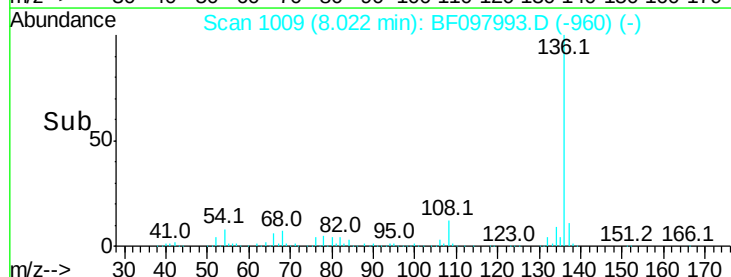


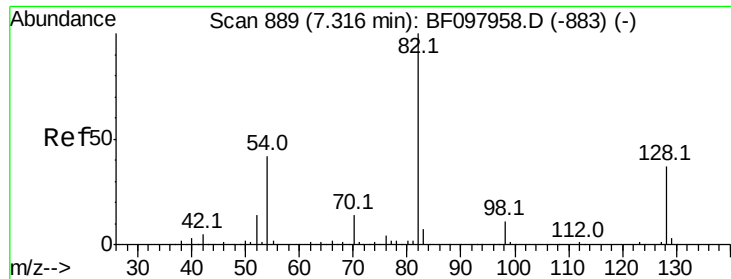
Abundance Ion 136.00 (135.70 to 136.70): E

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

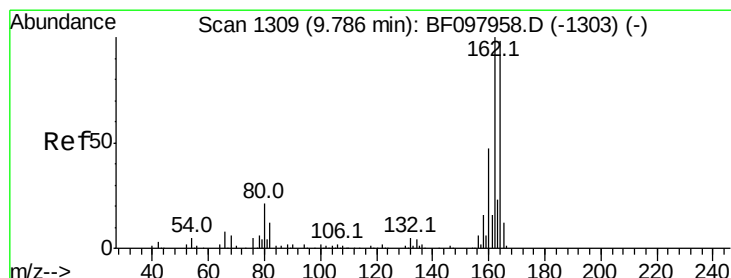
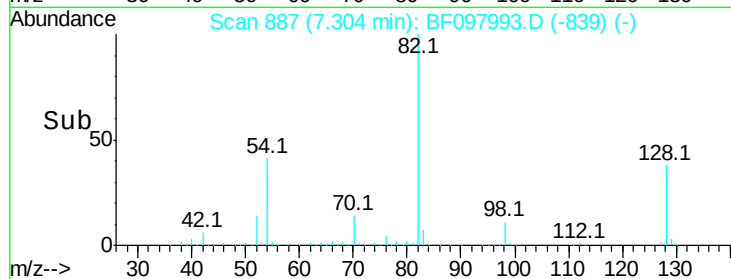
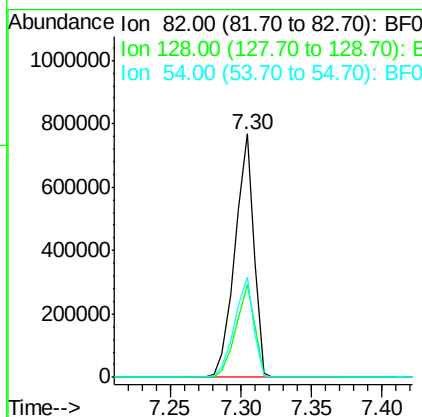
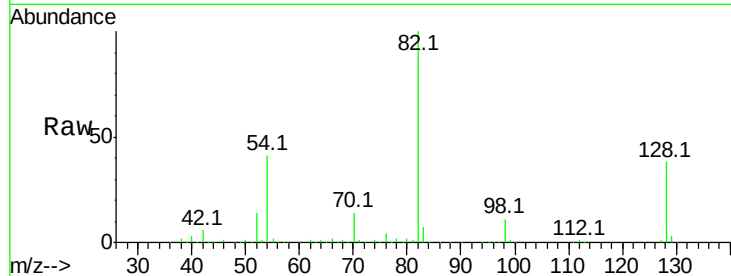




#23
 Nitrobenzene-d5
 Concen: 93.577 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF097993.D
 Acq: 23 Aug 2017 12:57

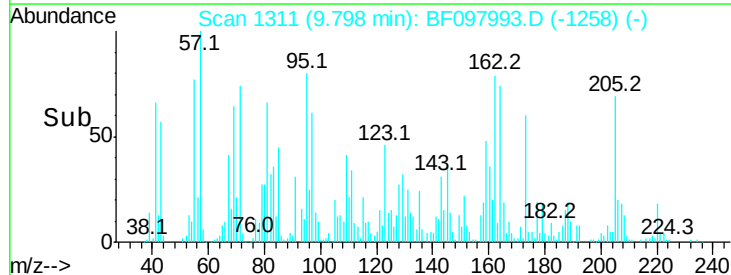
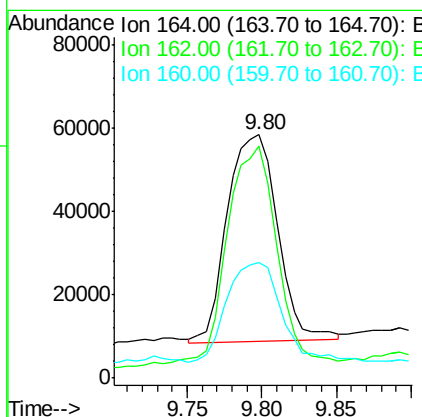
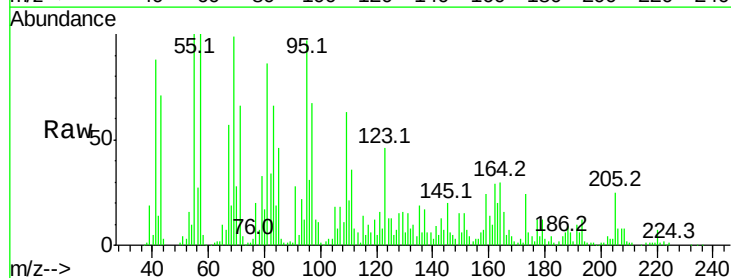
Instrument :
 BNA_F
 ClientSampleId :
 72-11991-GRAVEL-COMP

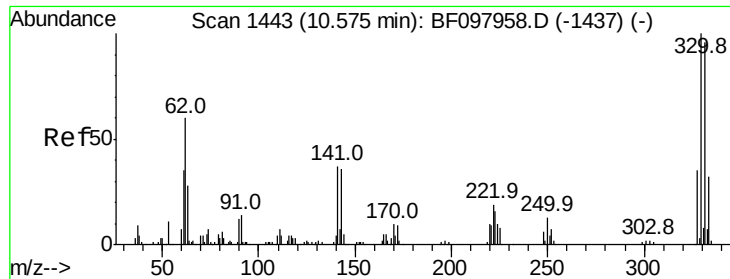
Tot Ion: 82 Resp: 714882
 Ion Ratio Lower Upper
 82 100
 128 37.9 34.0 51.0
 54 41.3 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.01 min
 Lab File: BF097993.D
 Acq: 23 Aug 2017 12:57

Tgt Ion:164 Resp: 116289
 Ion Ratio Lower Upper
 164 100
 162 95.4 82.6 123.8
 160 47.7 36.2 54.2

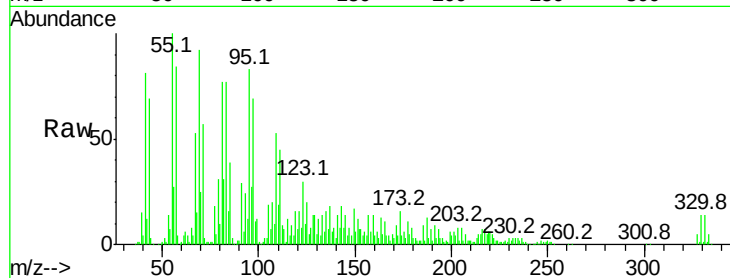




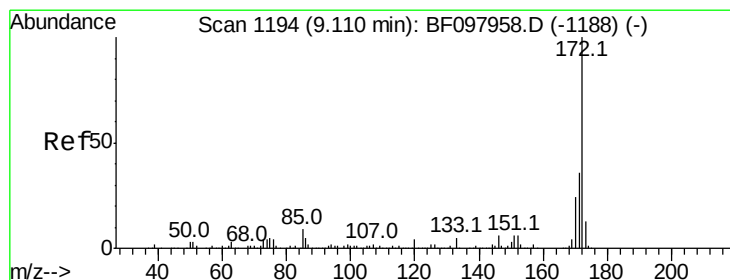
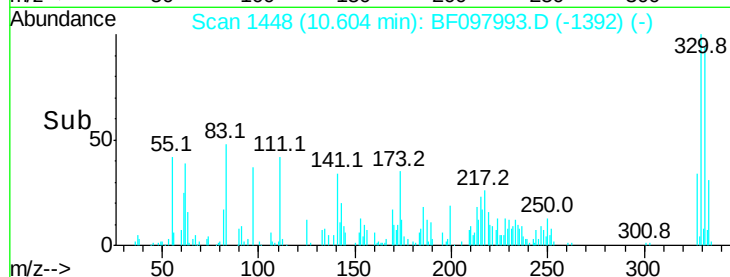
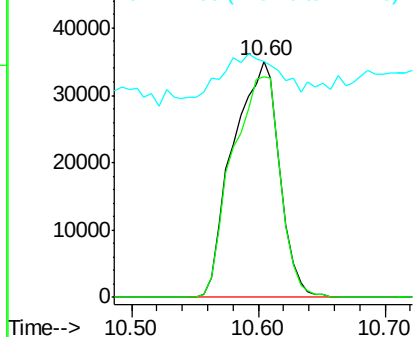
#41
 2,4,6-Tribromophenol
 Concen: 88.525 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.03 min
 Lab File: BF097993.D
 Acq: 23 Aug 2017 12:57

Instrument :
 BNA_F
 ClientSampleId :
 72-11991-GRAVEL-COMP

Tot Ion:330 Resp: 89321
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 21.5 31.4 47.2#

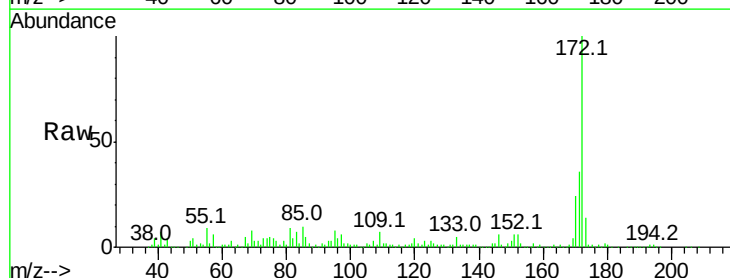


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

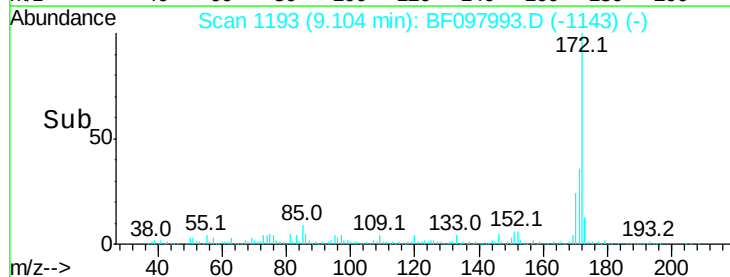
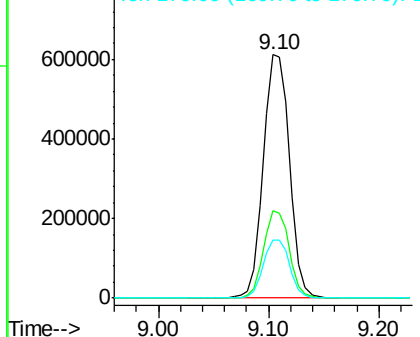


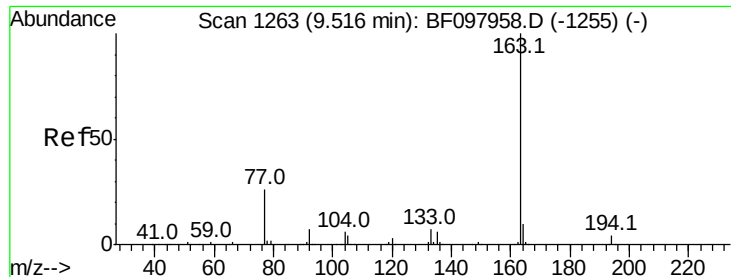
#44
 2-Fluorobiphenyl
 Concen: 128.914 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF097993.D
 Acq: 23 Aug 2017 12:57

Tgt Ion:172 Resp: 1020370
 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: 10.825 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF097993.D

Acq: 23 Aug 2017 12:57

Instrument :

BNA_F

ClientSampleId :

72-11991-GRAVEL-COMP

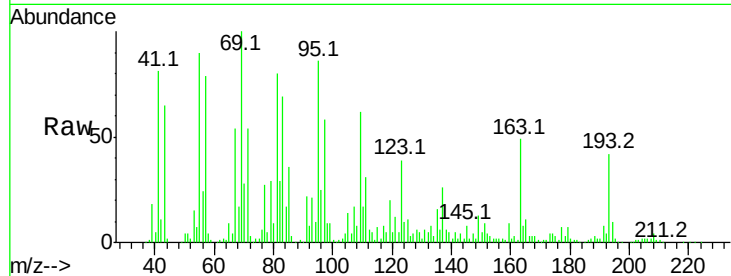
Tot Ion:163 Resp: 92017

Ion Ratio Lower Upper

163 100

194 20.8 2.6 4.0#

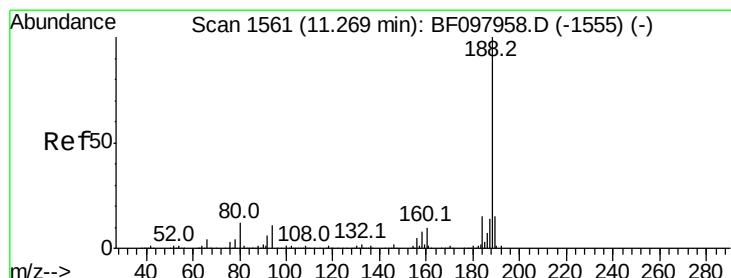
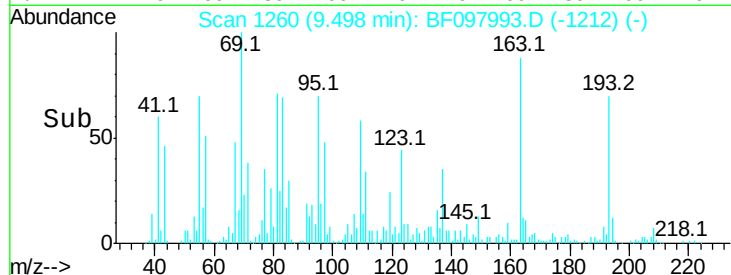
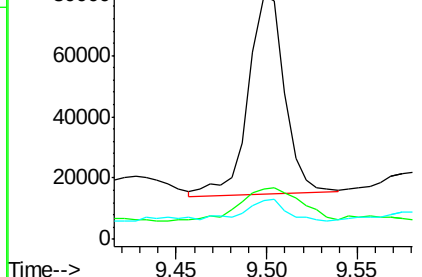
164 15.8 8.4 12.6#



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: 11.32 min Scan# 1569

Delta R.T. 0.05 min

Lab File: BF097993.D

Acq: 23 Aug 2017 12:57

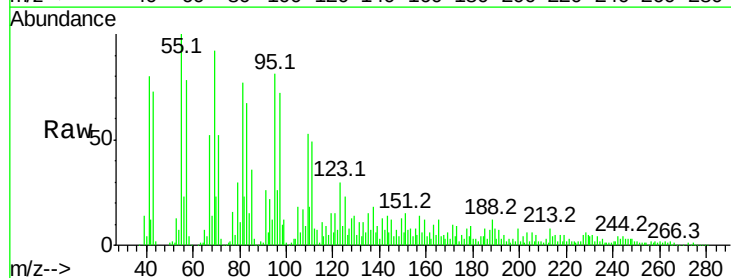
Tgt Ion:188 Resp: 71262

Ion Ratio Lower Upper

188 100

94 93.8 9.4 14.2#

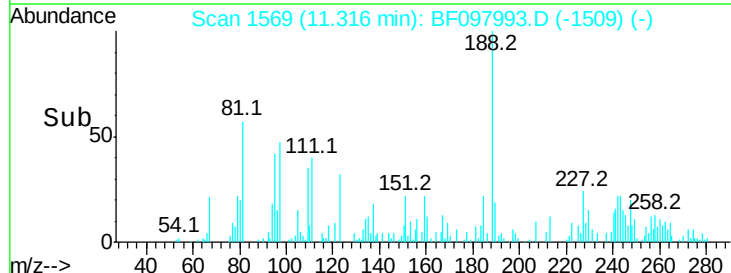
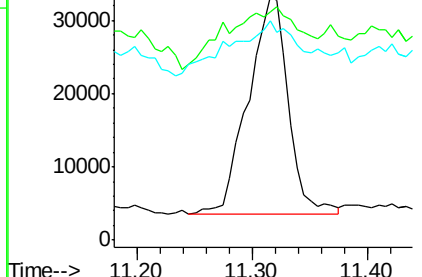
80 90.1 10.2 15.2#

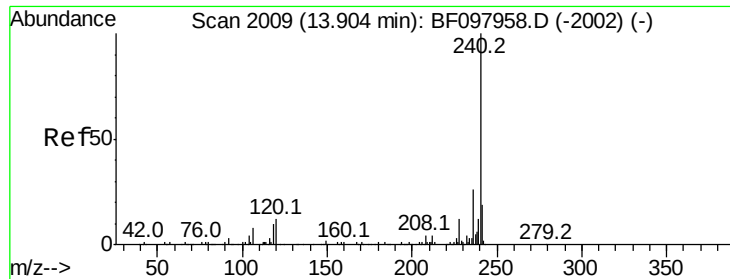


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF097993.D

Acq: 23 Aug 2017 12:57

Instrument :

BNA_F

ClientSampleId :

72-11991-GRAVEL-COMP

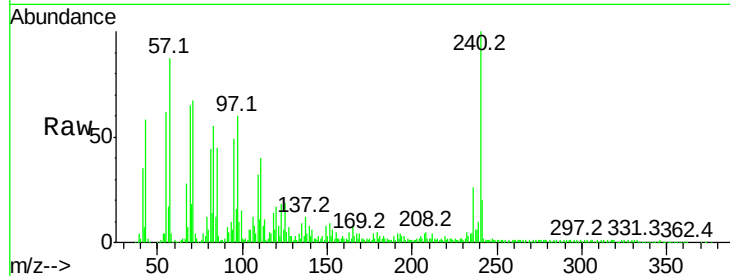
Tot Ion:240 Resp: 202169

Ion Ratio Lower Upper

240 100

120 17.3 5.8 8.8#

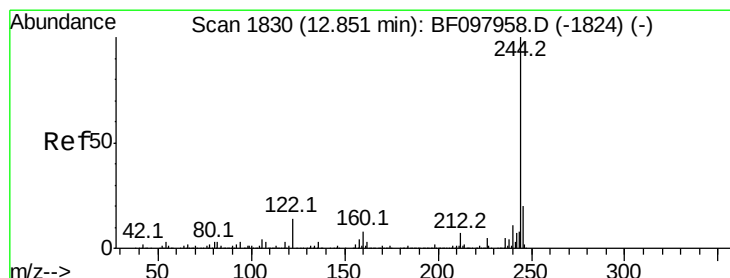
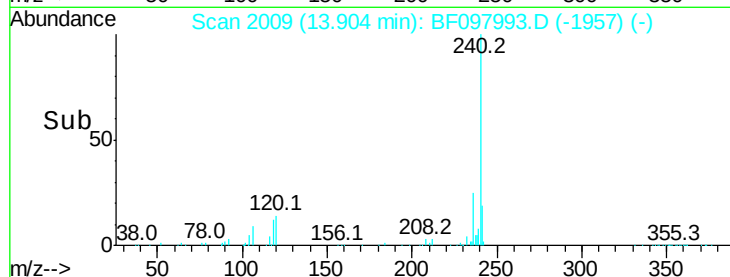
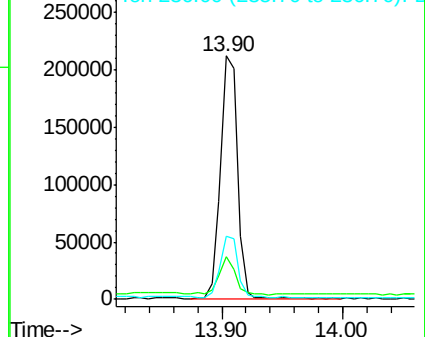
236 26.0 20.5 30.7



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: 39.294 ng

RT: 12.89 min Scan# 1836

Delta R.T. 0.04 min

Lab File: BF097993.D

Acq: 23 Aug 2017 12:57

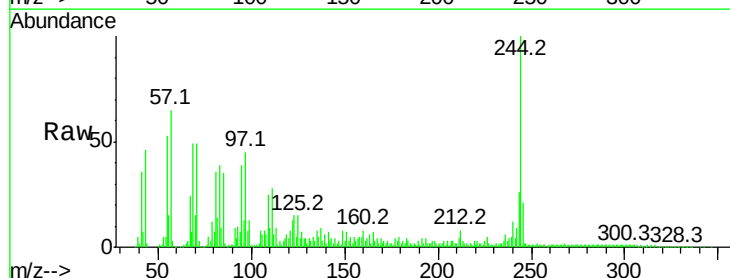
Tgt Ion:244 Resp: 380952

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

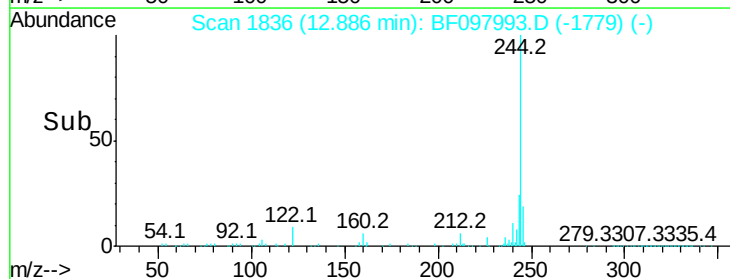
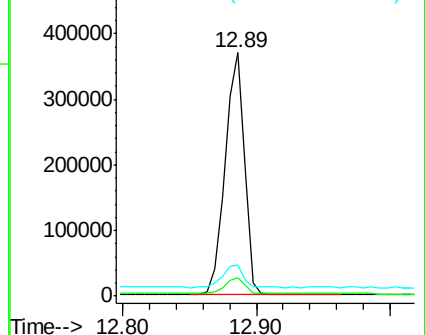
122 12.7 10.3 15.5

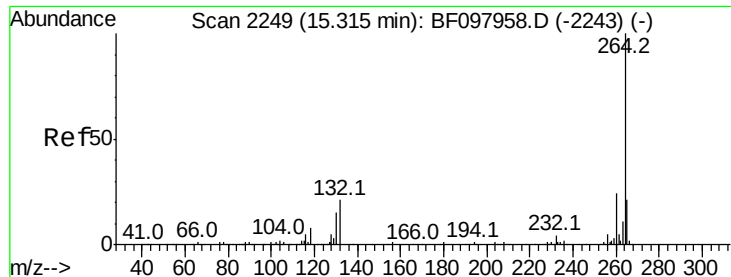


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF097993.D
Acq: 23 Aug 2017 12:57

Instrument :
BNA_F
ClientSampleId :
72-11991-GRAVEL-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	21.5	17.2	25.8

