

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
 Data File : BF097570.D
 Acq On : 10 Aug 2017 20:55
 Operator : SJ/JU
 Sample : I4689-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINES

Quant Time: Aug 11 01:03:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

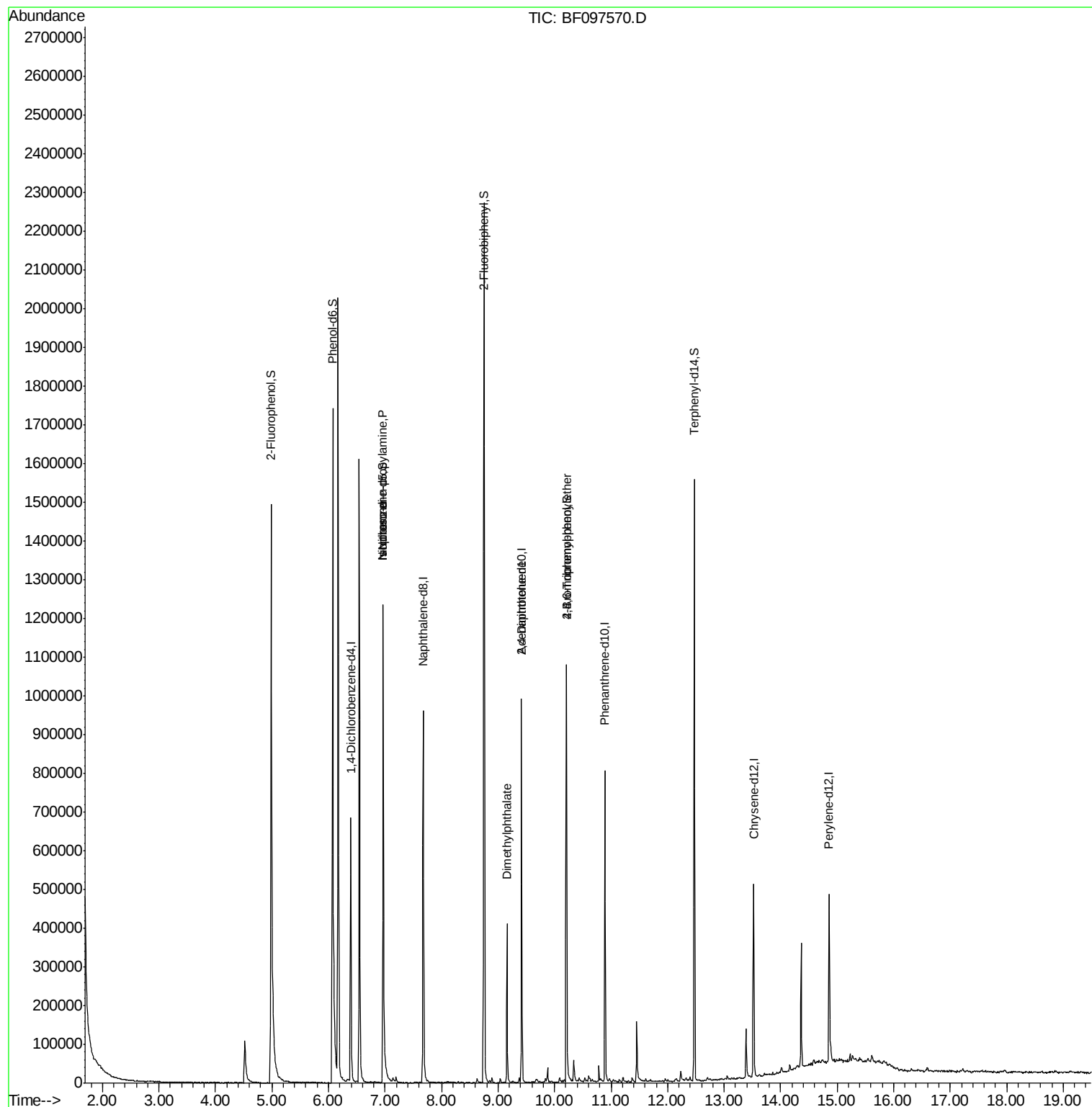
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	110618	20.00	ng	-0.02
21) Naphthalene-d8	7.67	136	454947	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	184656	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	293451	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	190918	20.00	ng	-0.02
86) Perylene-d12	14.86	264	186393	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	634158	86.42	ng	-0.02
7) Phenol-d6	6.07	99	786189	93.85	ng	-0.01
23) Nitrobenzene-d5	6.96	82	459186	59.21	ng	-0.03
41) 2,4,6-Tribromophenol	10.21	330	127804	87.60	ng	-0.02
44) 2-Fluorobiphenyl	8.75	172	716297	65.83	ng	-0.02
78) Terphenyl-d14	12.47	244	459318	49.05	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.96	70	61573	11.17	ng	# 87
25) Isophorone	6.96	82	459223	30.24	ng	# 67
49) Dimethylphthalate	9.16	163	161762	11.54	ng	99
56) 2,4-Dinitrotoluene	9.42	165	23674	6.92	ng	# 33
66) 4-Bromophenyl-phenylether	10.21	248	8507	2.90	ng	# 1

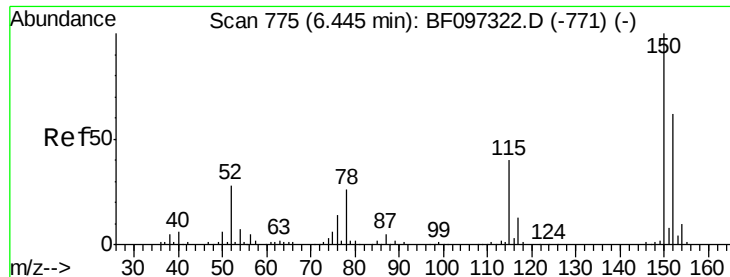
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097570.D
Acq On : 10 Aug 2017 20:55
Operator : SJ/JU
Sample : I4689-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINES

Quant Time: Aug 11 01:03:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 800

Delta R.T. -0.02 min

Lab File: BF097570.D

Acq: 10 Aug 2017 20:55

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINES

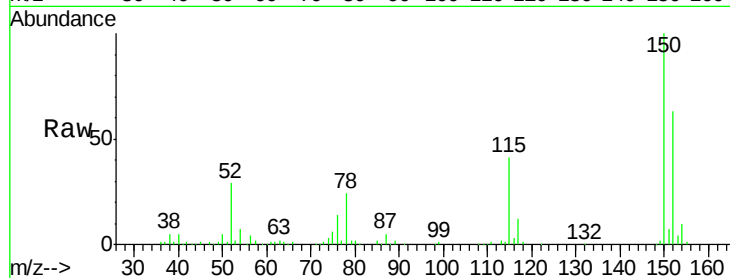
Tot Ion:152 Resp: 110618

Ion Ratio Lower Upper

152 100

150 158.9 126.2 189.2

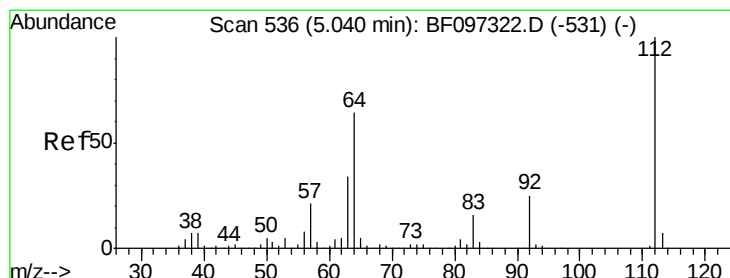
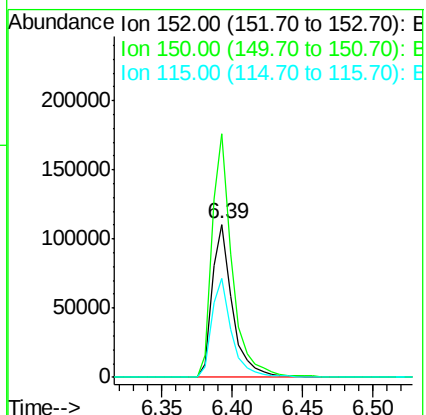
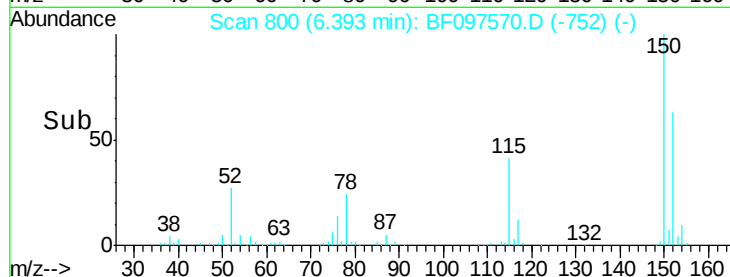
115 65.0 52.2 78.2



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: 86.42 ng

RT: 4.99 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF097570.D

Acq: 10 Aug 2017 20:55

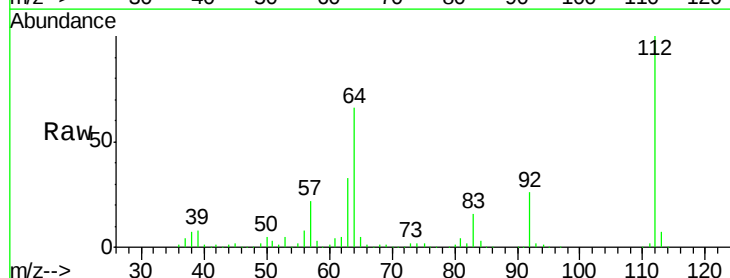
Tgt Ion:112 Resp: 634158

Ion Ratio Lower Upper

112 100

64 66.3 46.0 69.0

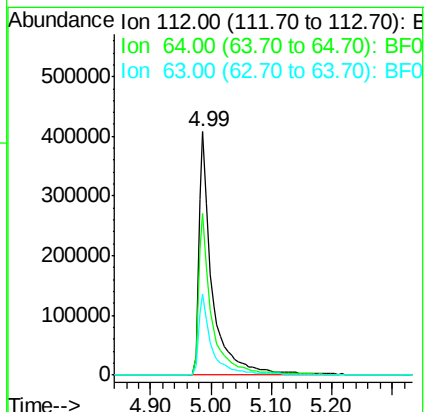
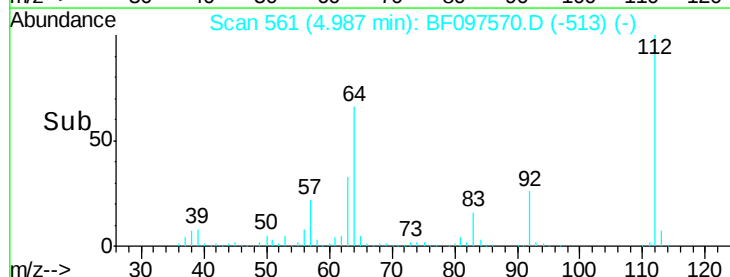
63 33.2 23.4 35.0

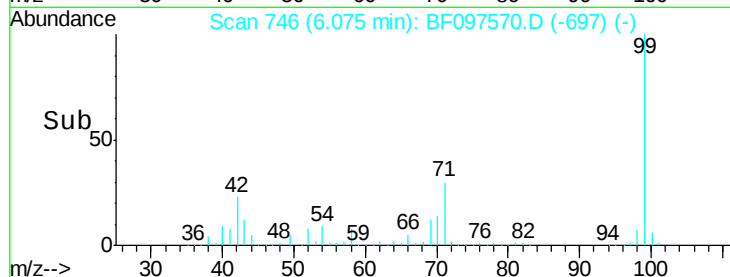
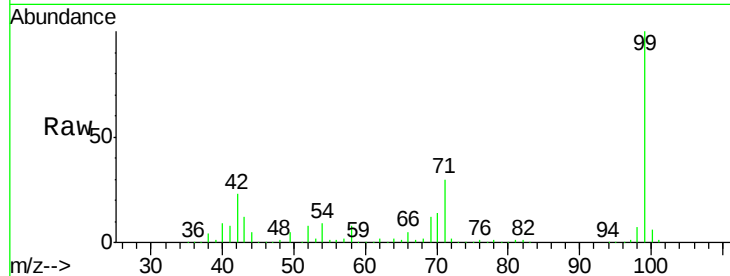


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.85 ng

RT: 6.07 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF097570.D

Acq: 10 Aug 2017 20:55

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINES

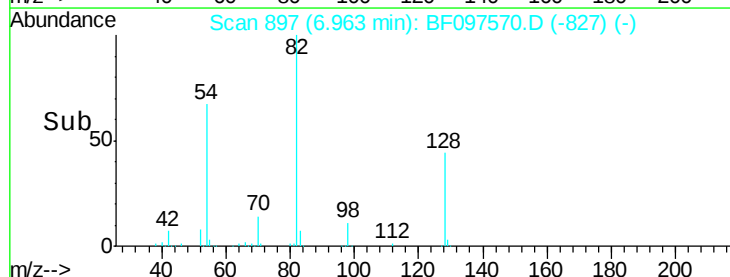
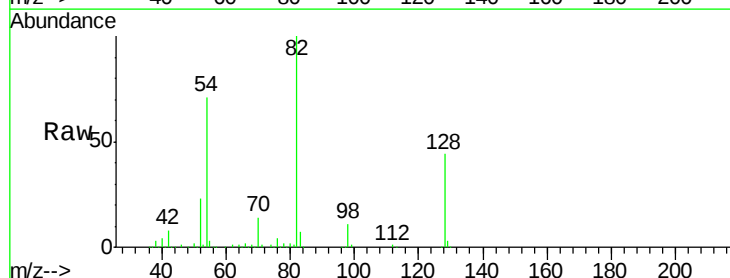
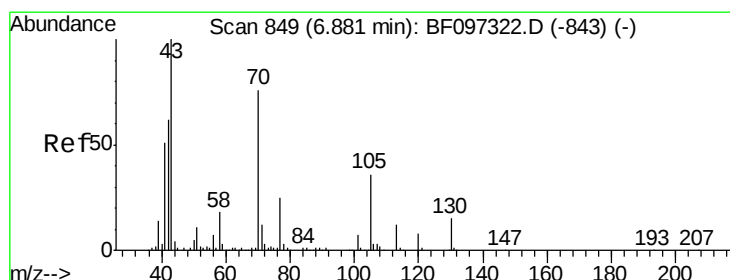
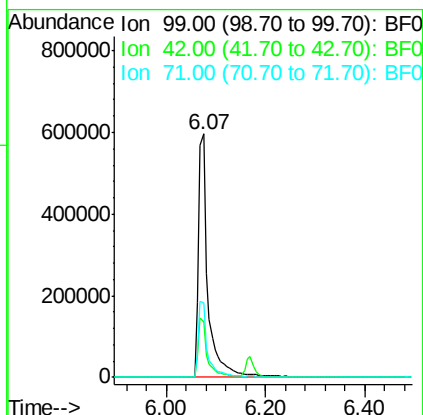
Tot Ion: 99 Resp: 786189

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

71 30.5 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 11.17 ng

RT: 6.96 min Scan# 897

Delta R.T. 0.11 min

Lab File: BF097570.D

Acq: 10 Aug 2017 20:55

Tgt Ion: 70 Resp: 61573

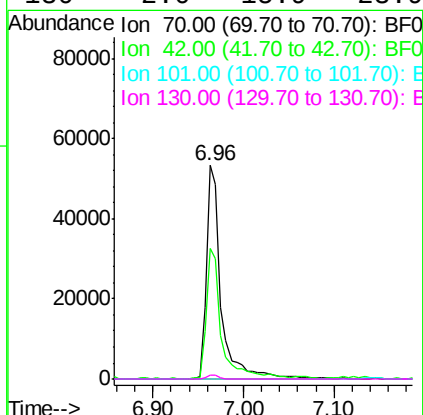
Ion Ratio Lower Upper

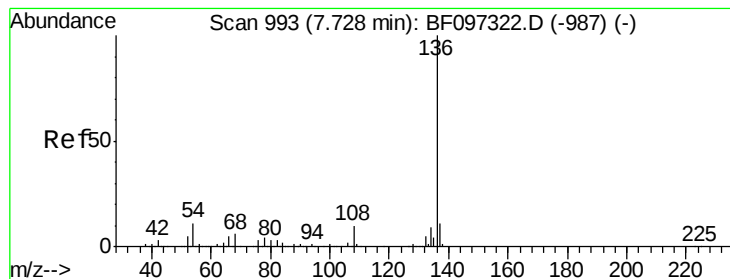
70 100

42 60.8 47.2 70.8

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.67 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BF097570.D

Acq: 10 Aug 2017 20:55

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINES

Tot Ion:136 Resp: 454947

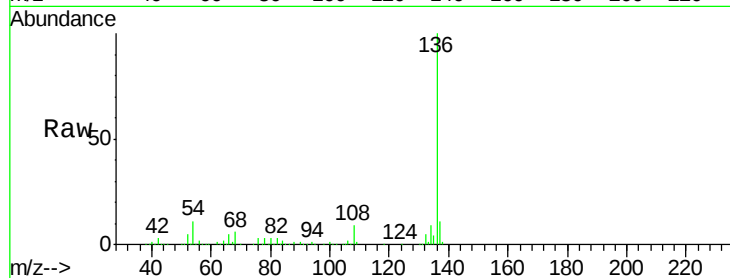
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.8 4.9 7.3#

68 6.1 4.1 6.1

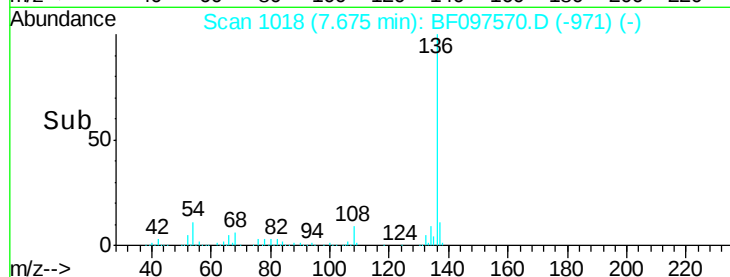


Abundance Ion 136.00 (135.70 to 136.70): E

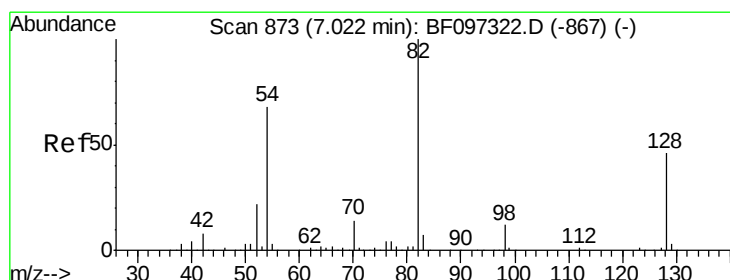
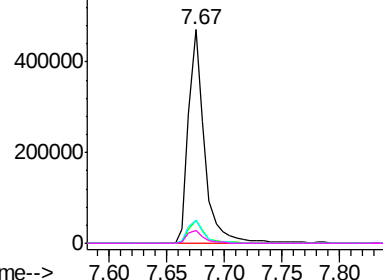
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 59.21 ng

RT: 6.96 min Scan# 897

Delta R.T. -0.03 min

Lab File: BF097570.D

Acq: 10 Aug 2017 20:55

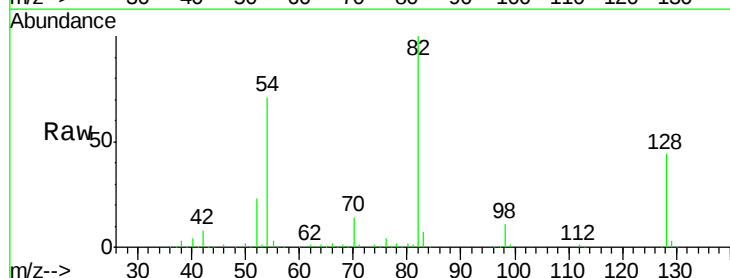
Tgt Ion: 82 Resp: 459186

Ion Ratio Lower Upper

82 100

128 44.1 34.0 51.0

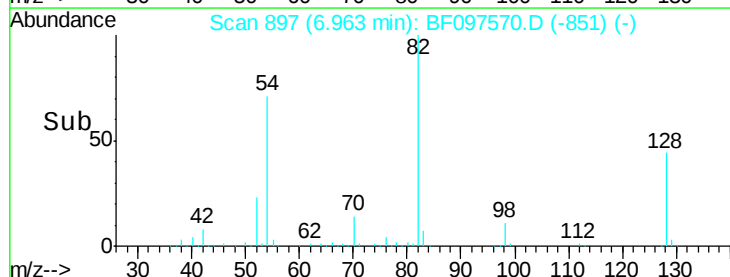
54 70.9 42.2 63.2#



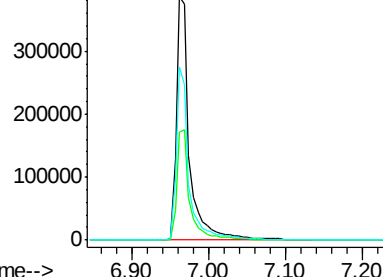
Abundance Ion 82.00 (81.70 to 82.70): BF0

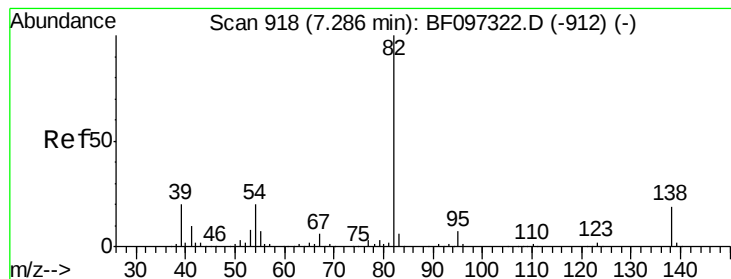
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 30.24 ng

RT: 6.96 min Scan# 897

Delta R.T. -0.29 min

Lab File: BF097570.D

Acq: 10 Aug 2017 20:55

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINES

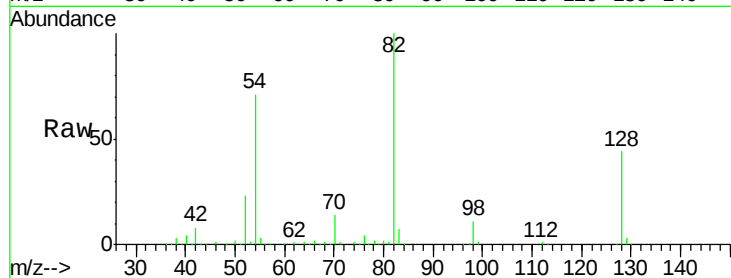
Tot Ion: 82 Resp: 459223

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

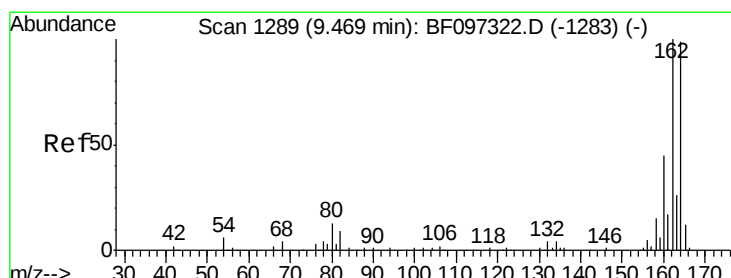
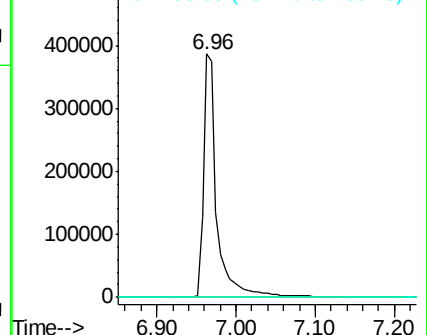
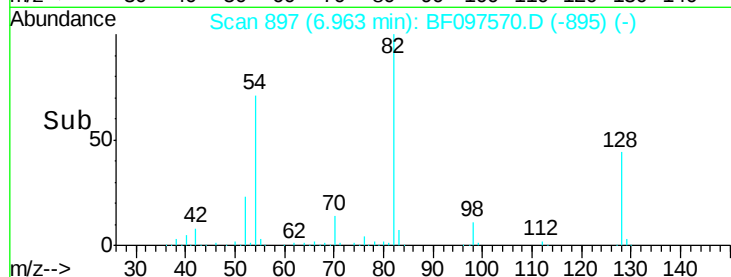
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.42 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF097570.D

Acq: 10 Aug 2017 20:55

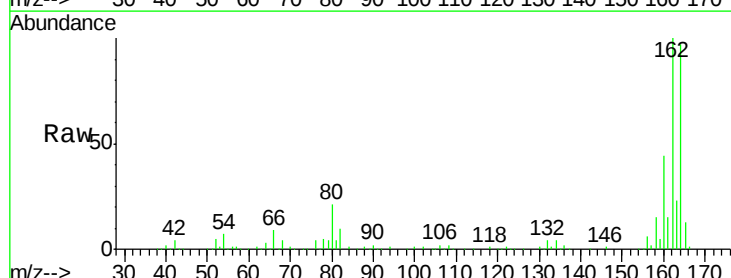
Tgt Ion:164 Resp: 184656

Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

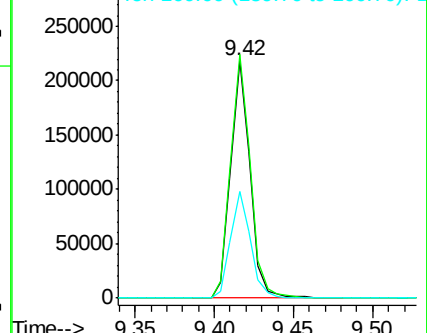
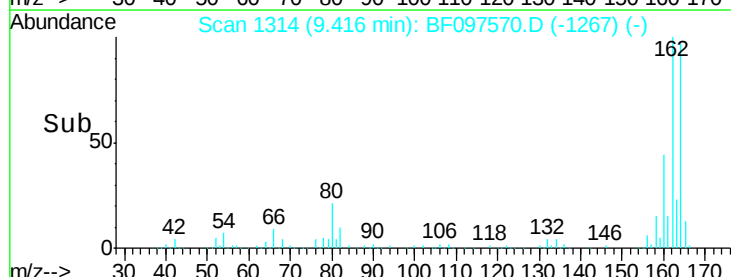
160 45.2 36.2 54.2

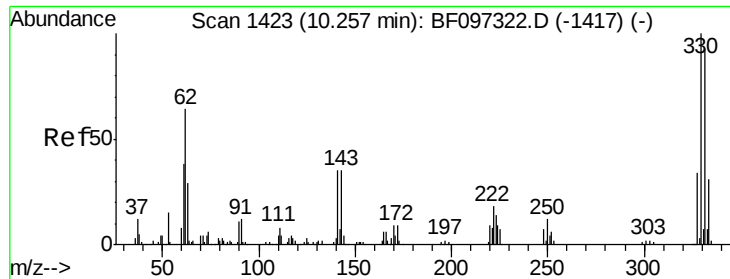


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

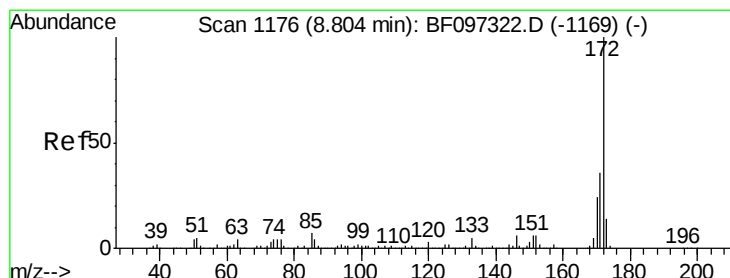
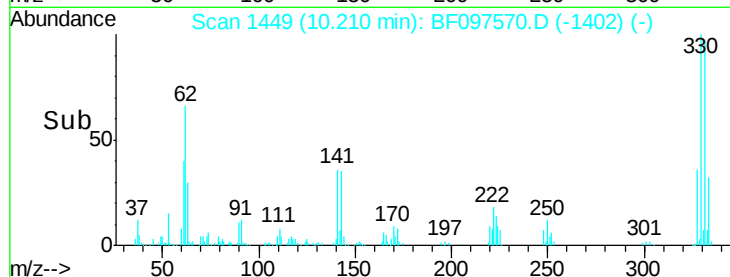
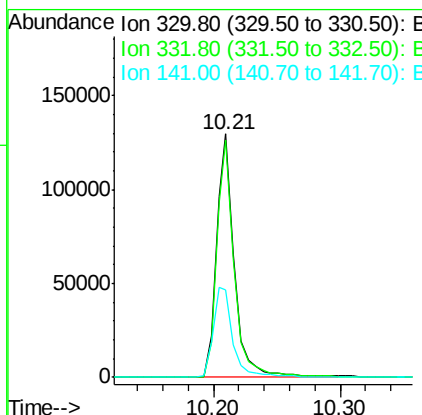
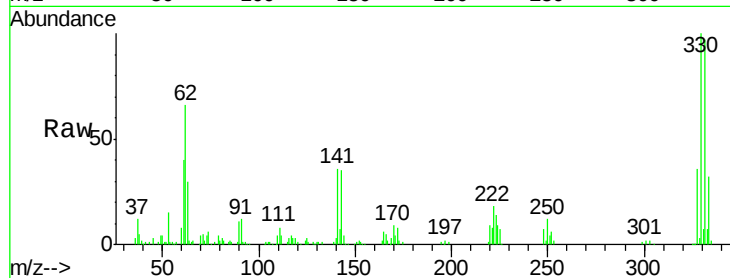




#41
 2,4,6-Tribromophenol
 Concen: 87.60 ng
 RT: 10.21 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF097570.D
 Acq: 10 Aug 2017 20:55

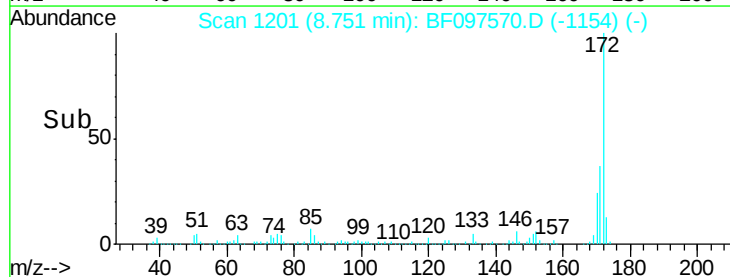
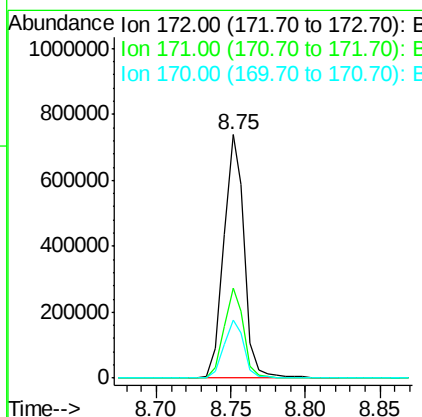
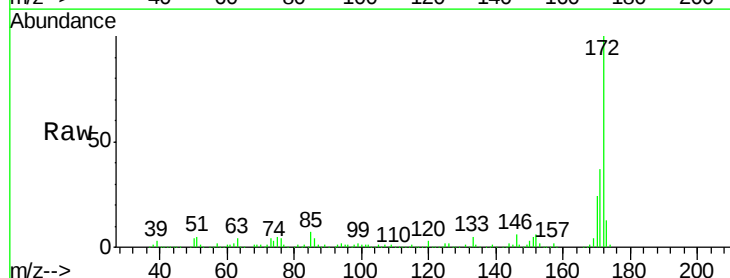
Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINES

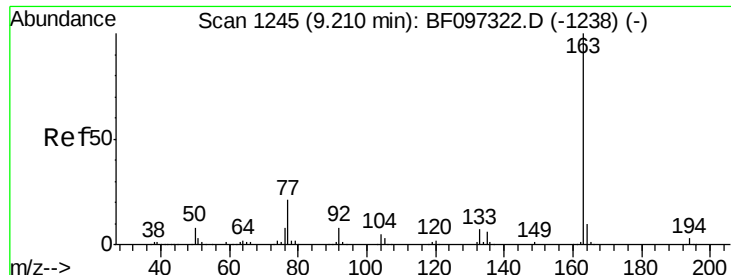
Tot Ion:330 Resp: 127804
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 41.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 65.83 ng
 RT: 8.75 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF097570.D
 Acq: 10 Aug 2017 20:55

Tgt Ion:172 Resp: 716297
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.1 19.8 29.8

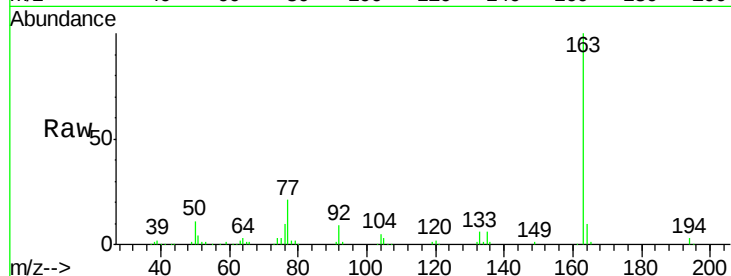




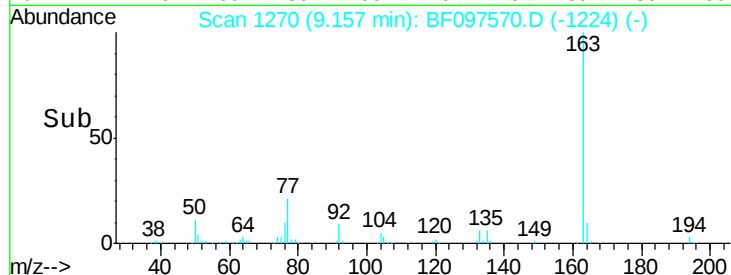
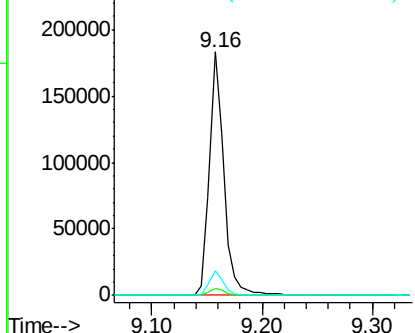
#49
Dimethylphthalate
Concen: 11.54 ng
RT: 9.16 min Scan# 1270
Delta R.T. -0.03 min
Lab File: BF097570.D
Acq: 10 Aug 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINES

Tot Ion:163 Resp: 161762
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.2 8.4 12.6



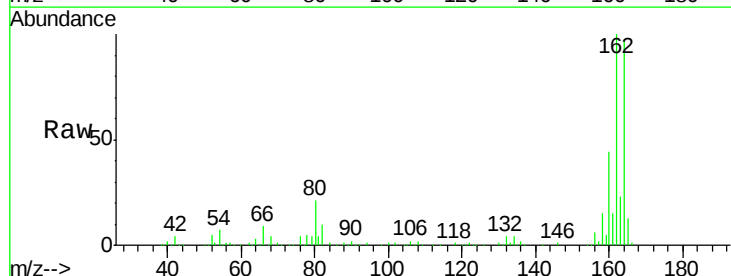
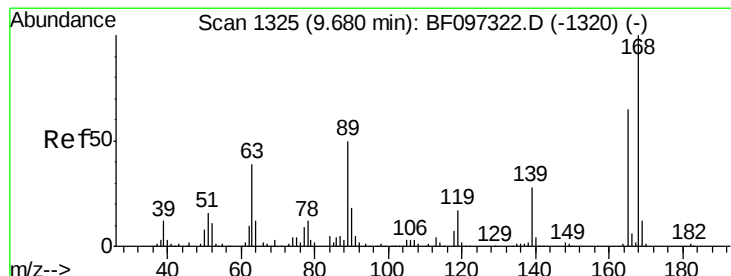
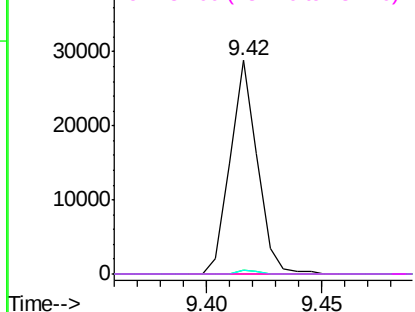
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

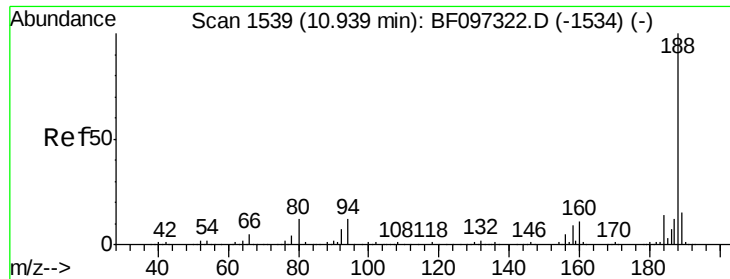


#56
2,4-Dinitrotoluene
Concen: 6.92 ng
RT: 9.42 min Scan# 1314
Delta R.T. -0.25 min
Lab File: BF097570.D
Acq: 10 Aug 2017 20:55

Tgt Ion:165 Resp: 23674
Ion Ratio Lower Upper
165 100
63 1.8 25.4 38.0#
89 1.6 46.4 69.6#
182 0.0 1.8 2.6#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

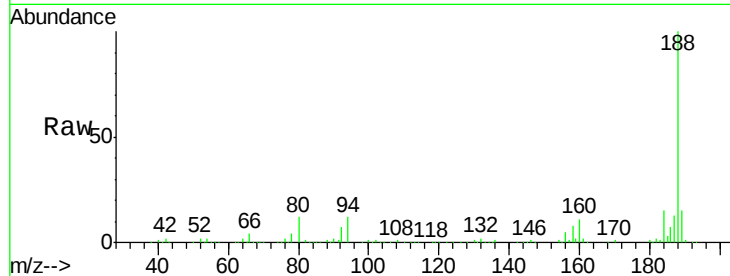




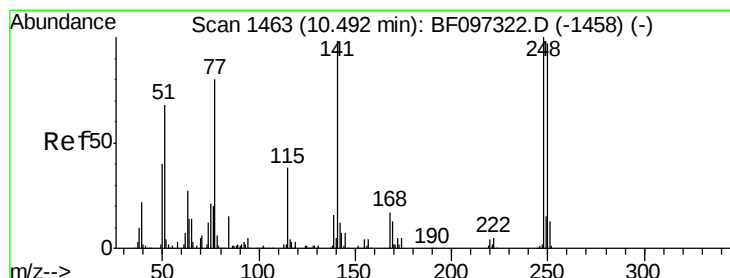
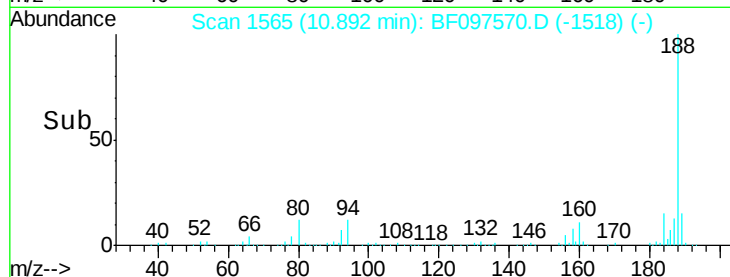
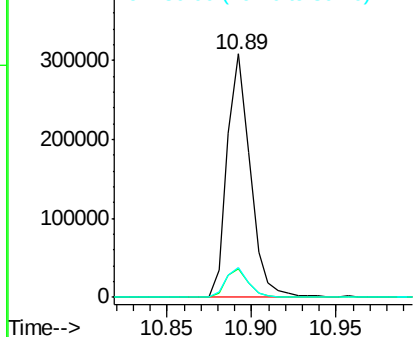
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.89 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF097570.D
Acq: 10 Aug 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINES

Tot Ion:188 Resp: 293451
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 12.4 10.2 15.2

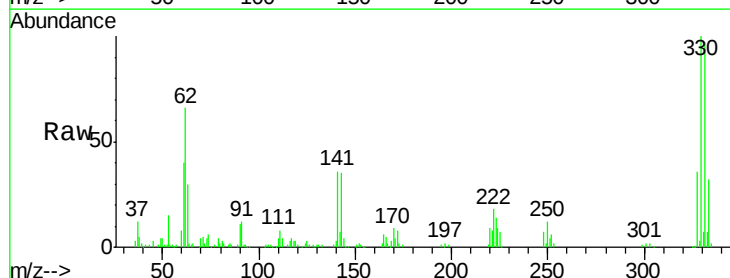


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

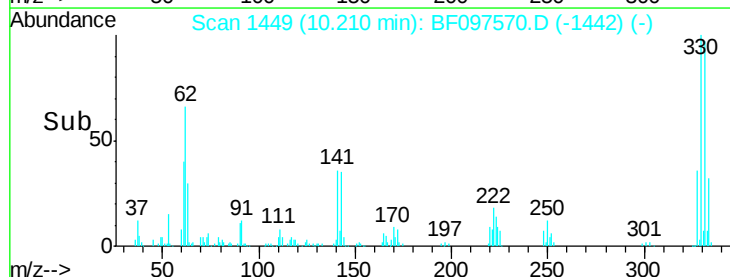
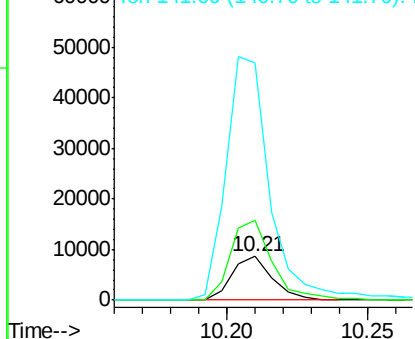


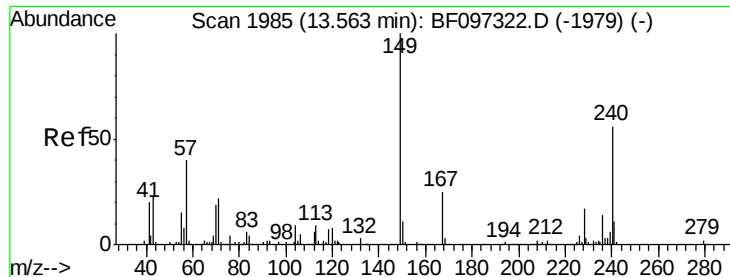
#66
4-Bromophenyl-phenylether
Concen: 2.90 ng
RT: 10.21 min Scan# 1449
Delta R.T. -0.26 min
Lab File: BF097570.D
Acq: 10 Aug 2017 20:55

Tgt Ion:248 Resp: 8507
Ion Ratio Lower Upper
248 100
250 182.6 76.8 115.2#
141 539.3 68.6 103.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.52 min Scan# 1985

Delta R.T. -0.02 min

Lab File: BF097570.D

Acq: 10 Aug 2017 20:55

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINES

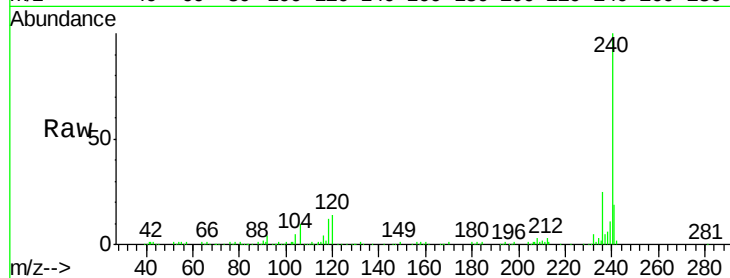
Tot Ion:240 Resp: 190918

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

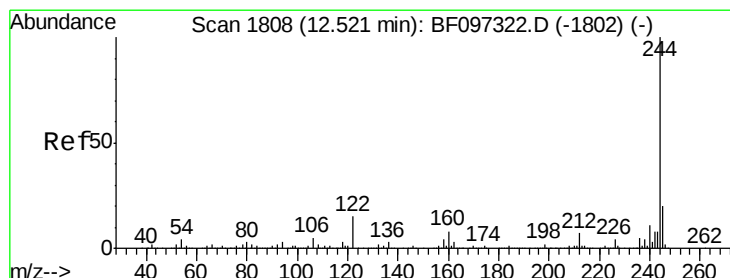
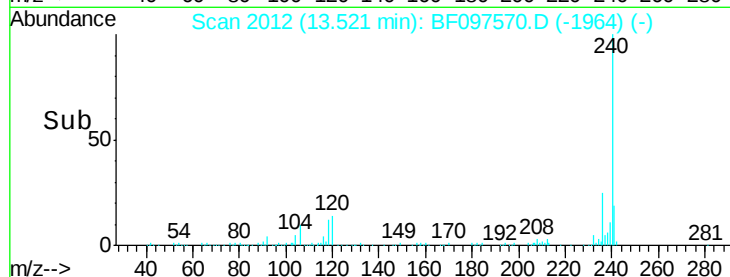
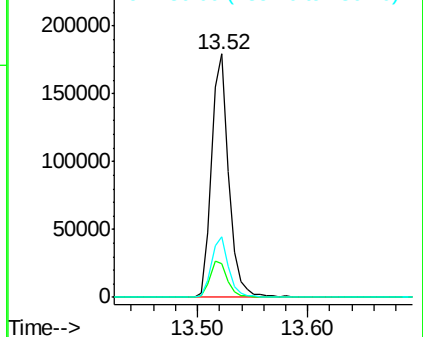
236 24.7 20.5 30.7



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: 49.05 ng

RT: 12.47 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF097570.D

Acq: 10 Aug 2017 20:55

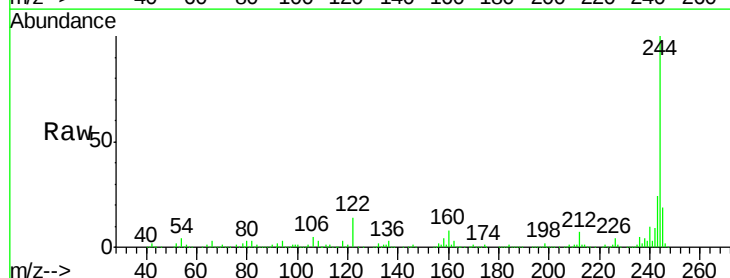
Tgt Ion:244 Resp: 459318

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

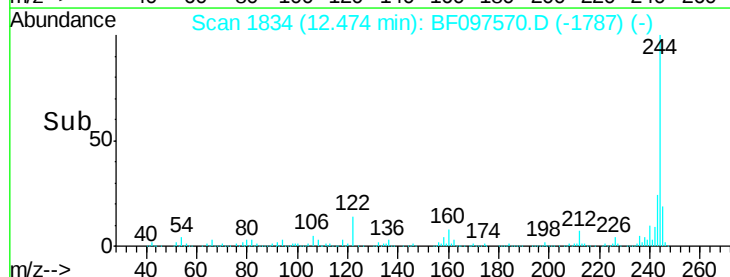
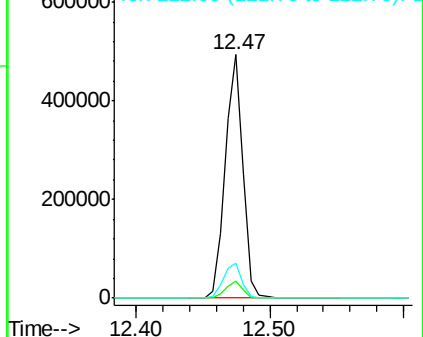
122 14.2 10.3 15.5

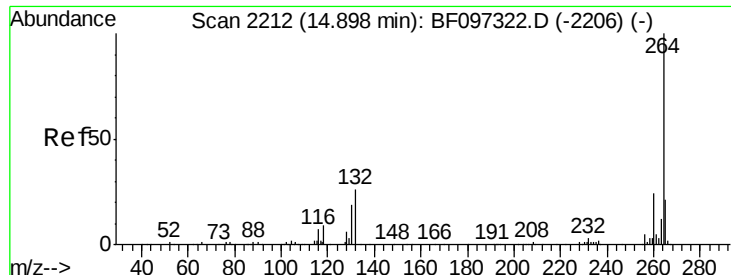


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

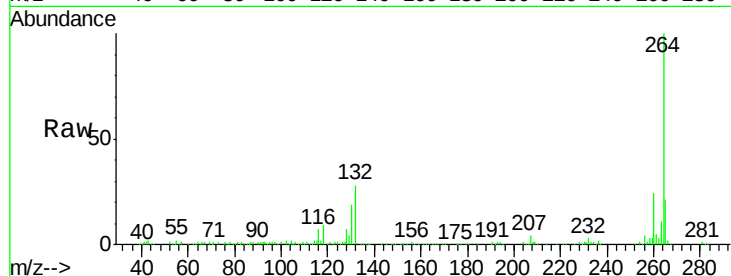




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.86 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF097570.D
Acq: 10 Aug 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINES

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.5	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

