

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 03:40:59 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

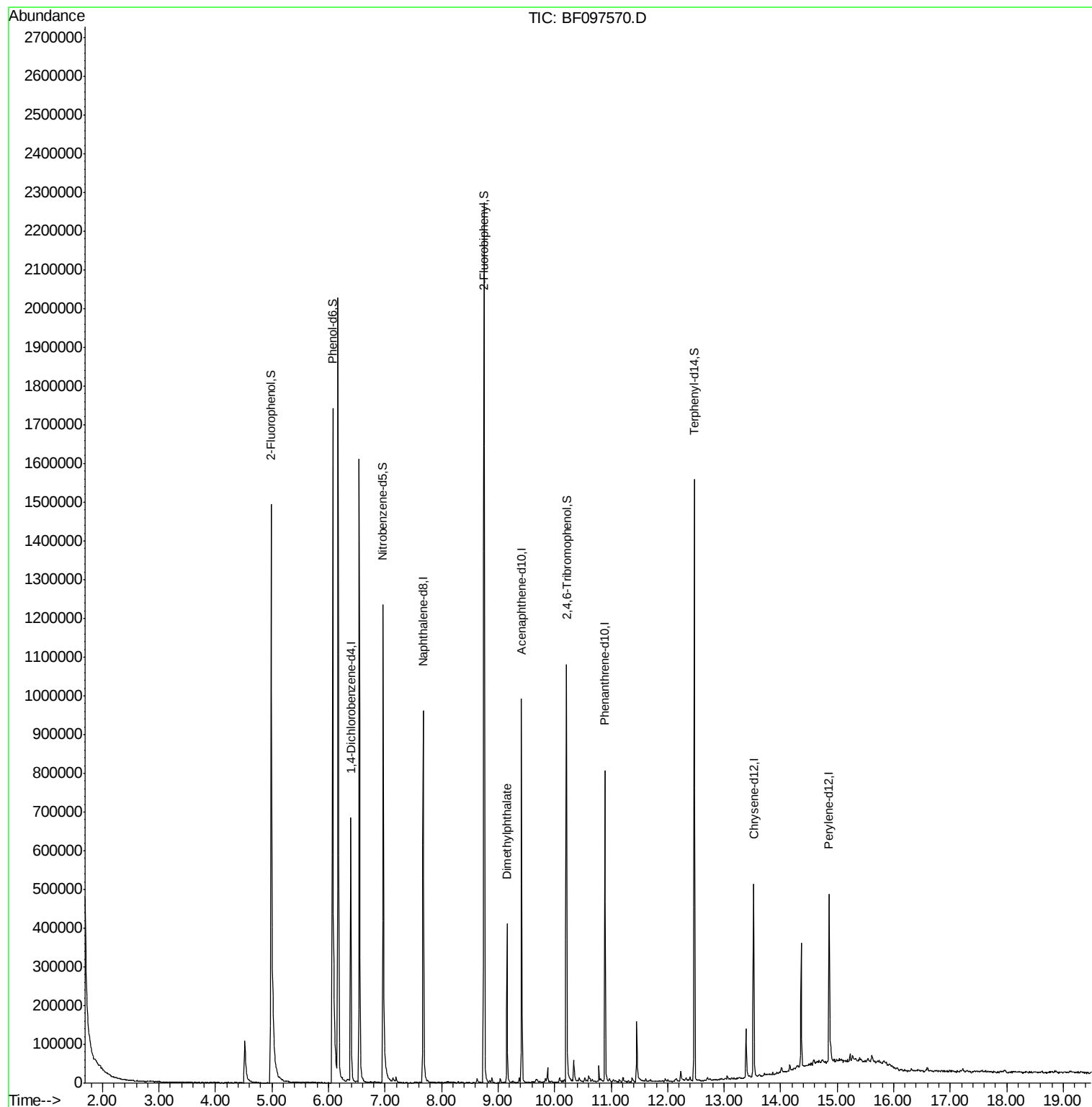
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	110618	20.00	ng	-0.02
21) Naphthalene-d8	7.67	136	454947	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	184656	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	293451	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	190918	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						Qvalue
49) Dimethylphthalate	9.16	163	161762	11.536	ng	99

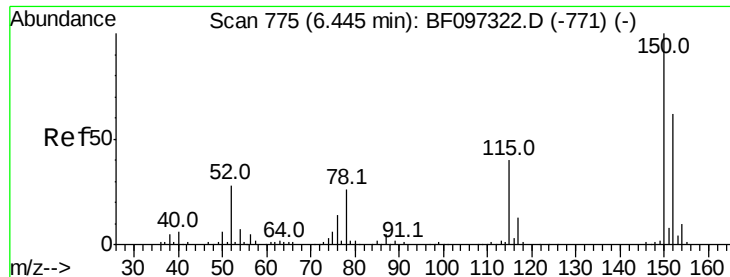
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 03:40:59 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



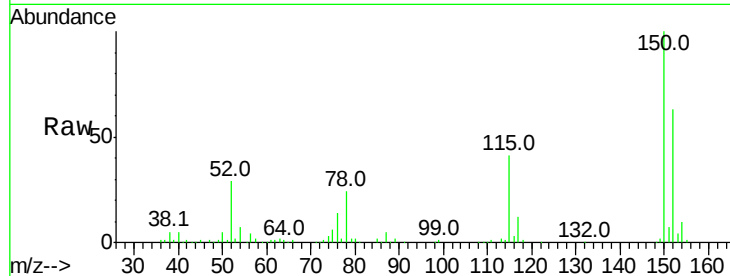


#1

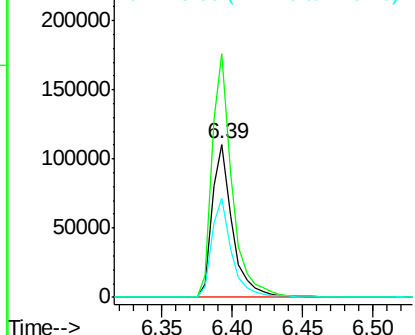
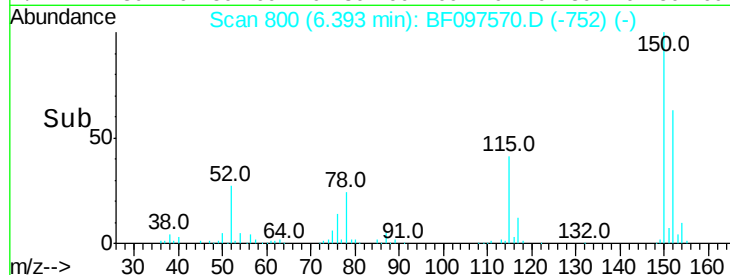
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.39 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF097570.D
 Acq: 10 Aug 2017 20:55

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



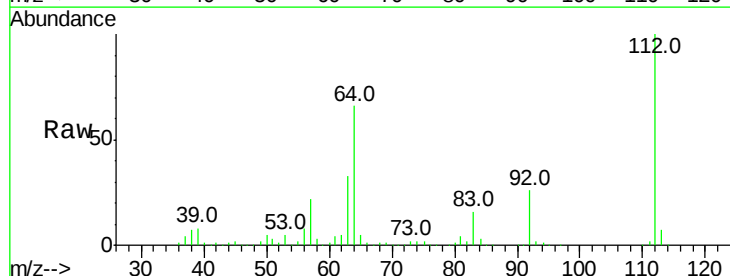
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



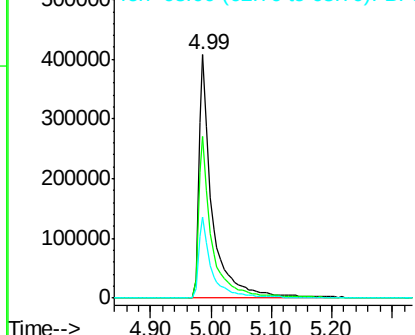
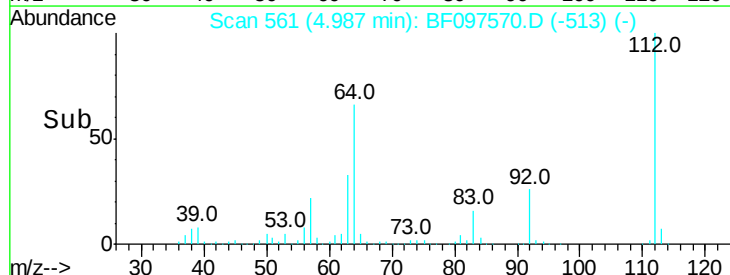
#5

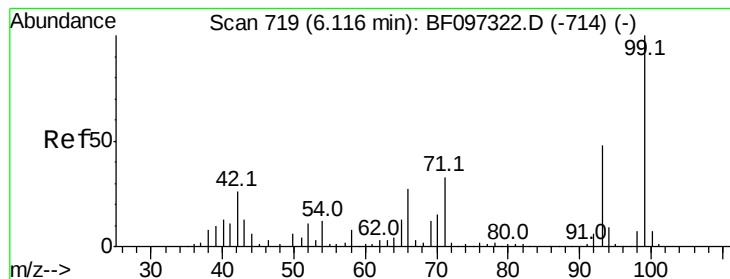
2-Fluorophenol
 Concen: 86.422 ng
 RT: 4.99 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF097570.D
 Acq: 10 Aug 2017 20:55

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: 93.850 ng

RT: 6.07 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF097570.D

Acq: 10 Aug 2017 20:55

Instrument :

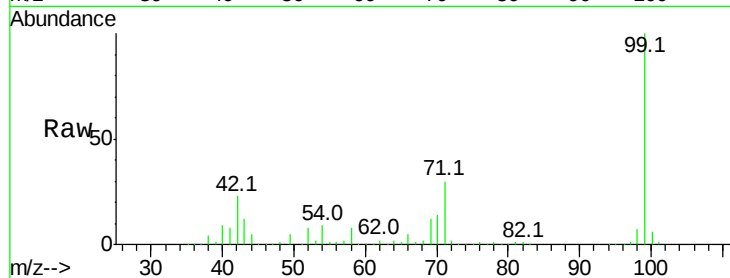
BNA_F

ClientSampleId :

TRAP-ROCK-FINES

Tot Ion: 99 Resp: 786189

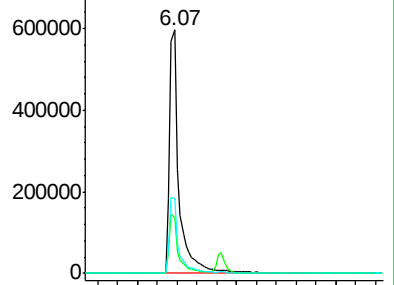
Ion	Ratio	Lower	Upper
99	100		
42	22.8	13.5	20.3#
71	30.5	24.5	36.7



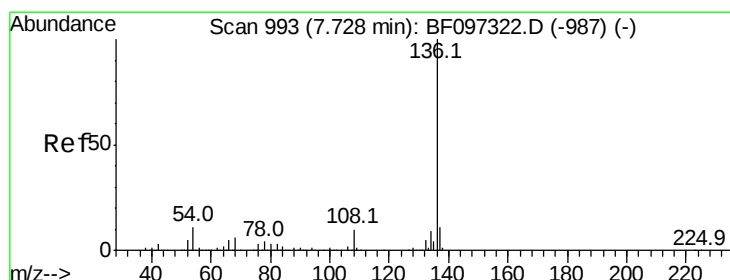
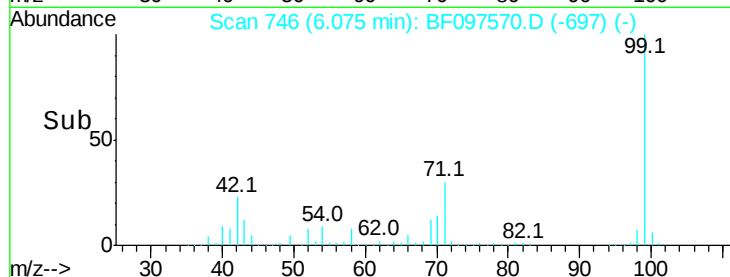
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.67 min Scan# 1018

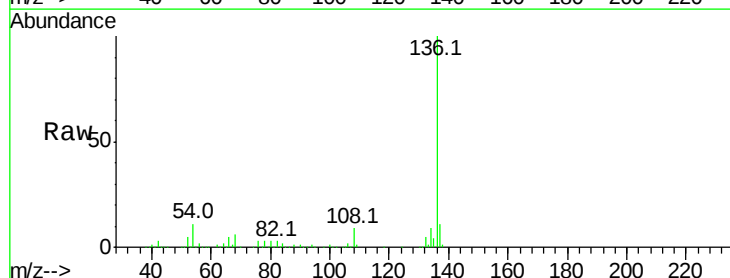
Delta R.T. -0.02 min

Lab File: BF097570.D

Acq: 10 Aug 2017 20:55

Tgt 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

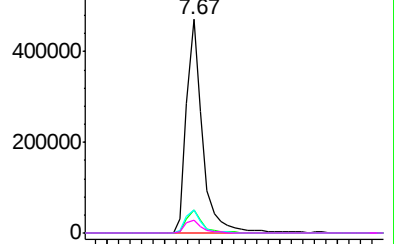


Abundance Ion 136.00 (135.70 to 136.70): E

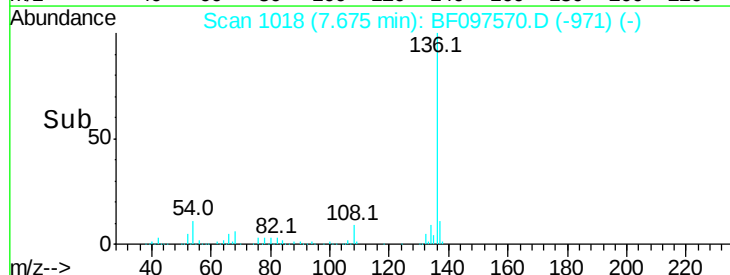
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

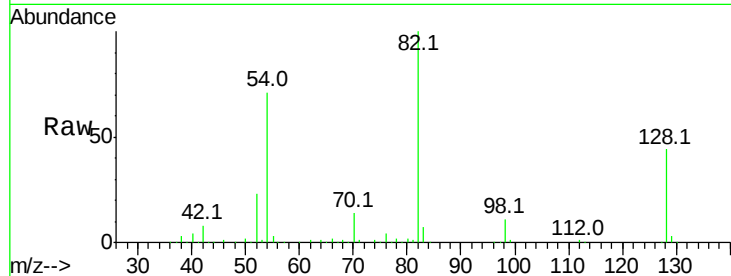




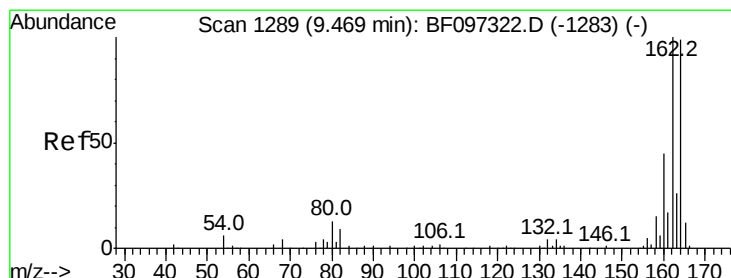
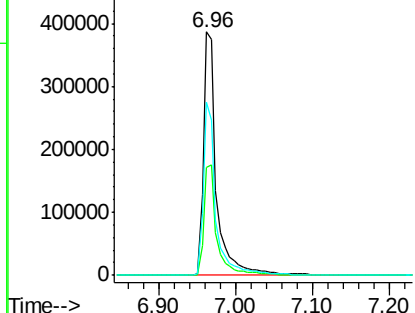
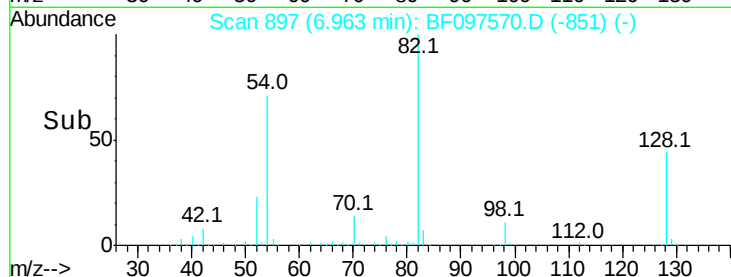
#23
 Nitrobenzene-d5
 Concen: 59.211 ng
 RT: 6.96 min Scan# 897
 Delta R.T. -0.03 min
 Lab File: BF097570.D
 Acq: 10 Aug 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINES

Tot Ion: 82 Resp: 459186
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.0 51.0
 54 70.9 42.2 63.2#

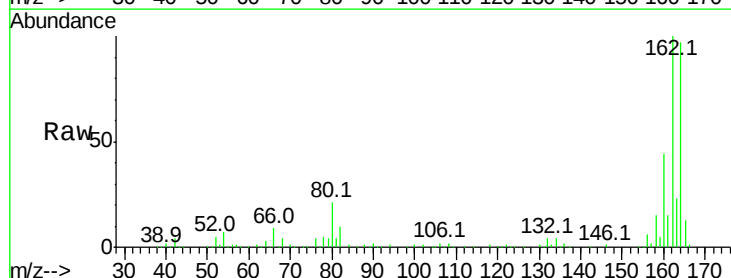


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

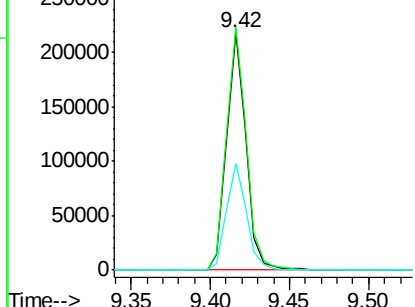
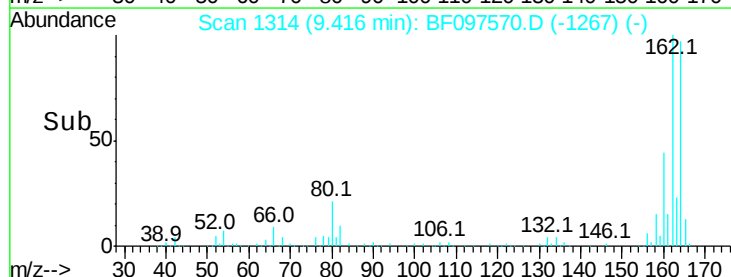


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.42 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF097570.D
 Acq: 10 Aug 2017 20:55

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

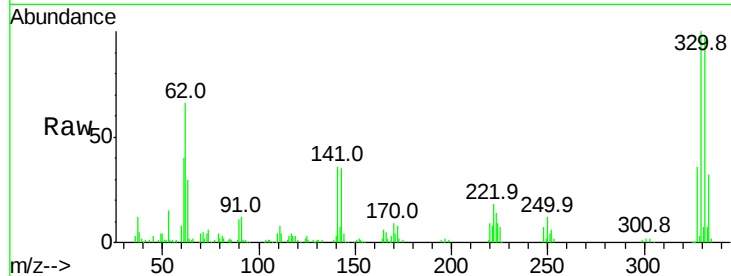




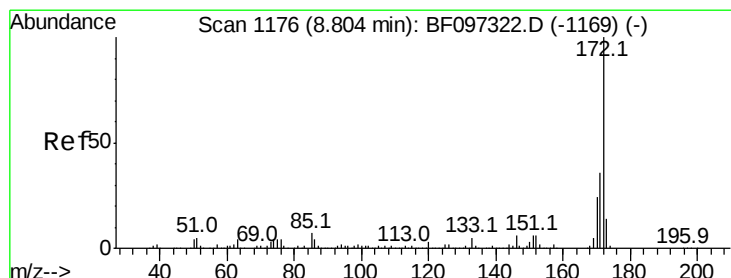
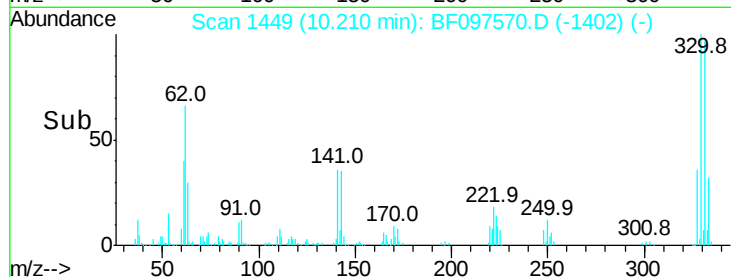
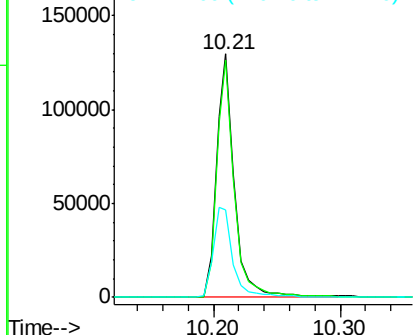
#41
 2,4,6-Tribromophenol
 Concen: 87.599 ng
 RT: 10.21 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF097570.D
 Acq: 10 Aug 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINES

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

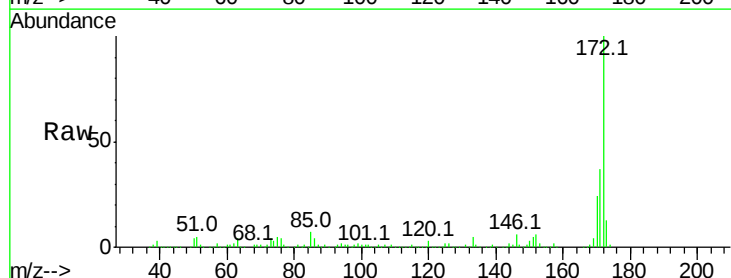


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

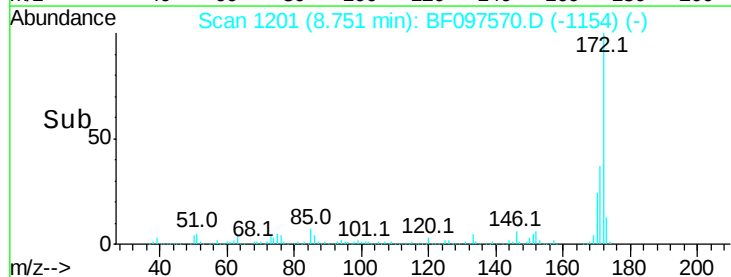
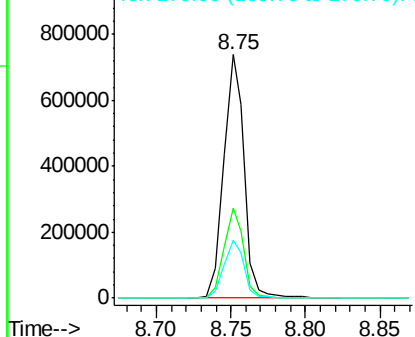


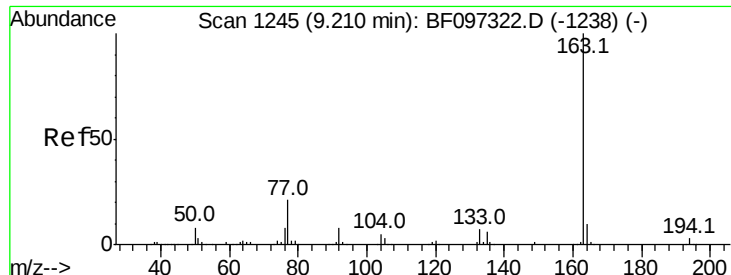
#44
 2-Fluorobiphenyl
 Concen: 65.832 ng
 RT: 8.75 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF097570.D
 Acq: 10 Aug 2017 20:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	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

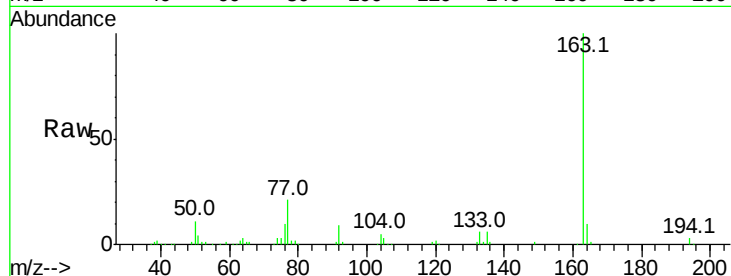




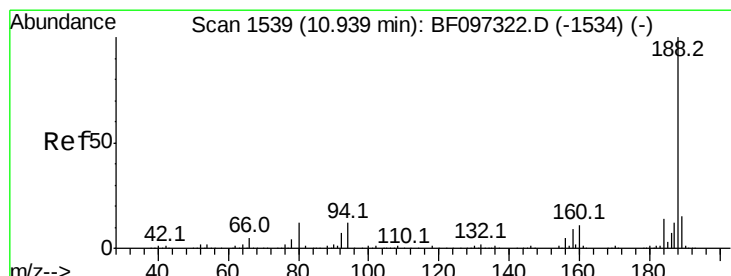
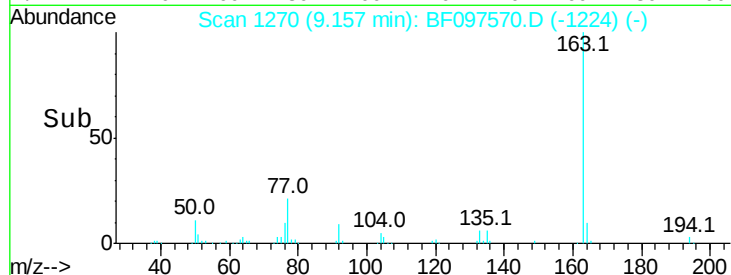
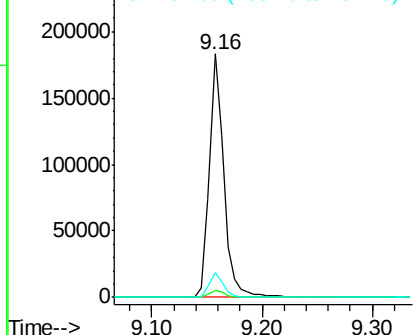
#49
Dimethylphthalate
Concen: 11.536 ng
RT: 9.16 min Scan# 1270
Delta R.T. -0.03 min
Lab File: BF097570.D
Acq: 10 Aug 2017 20:55

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

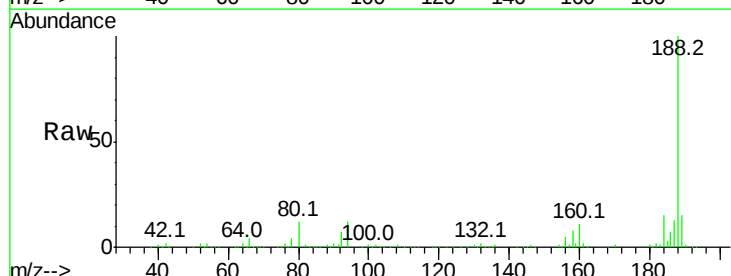


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

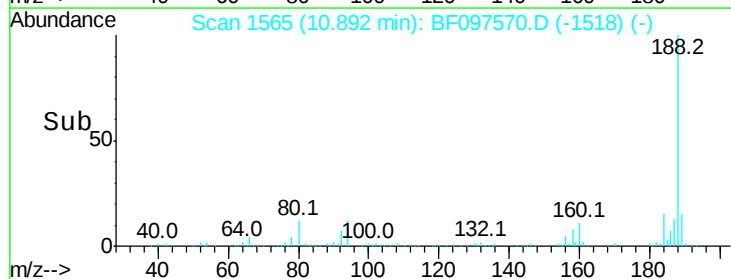
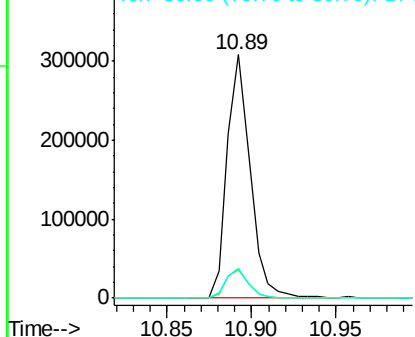


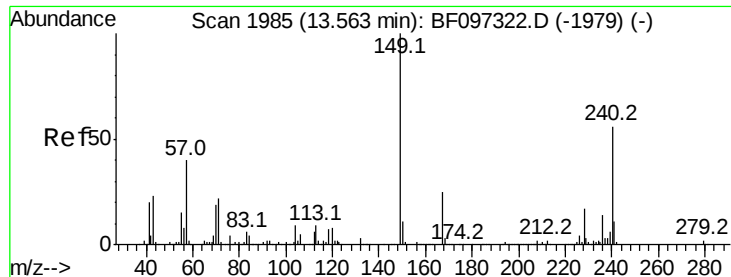
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.89 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF097570.D
Acq: 10 Aug 2017 20:55

Tgt 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.52 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF097570.D

Acq: 10 Aug 2017 20:55

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINES

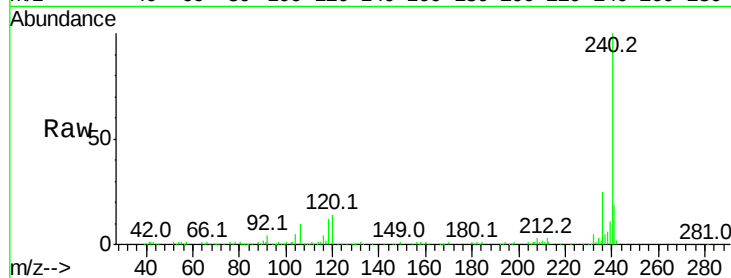
Tot Ion:240 Resp: 190918

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

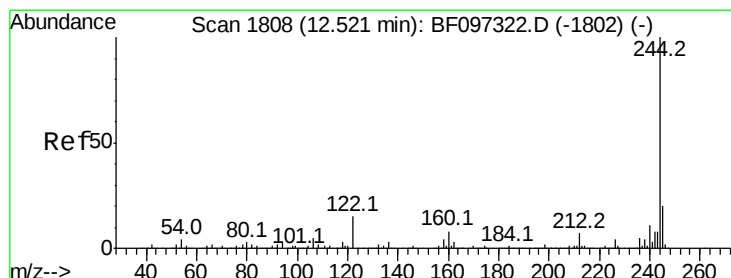
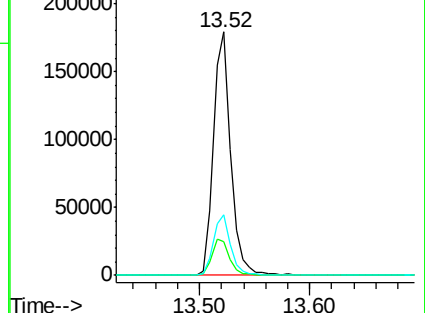
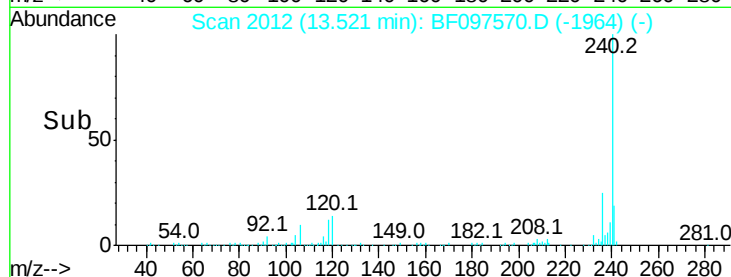
236 24.7 20.5 30.7



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: 49.052 ng

RT: 12.47 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF097570.D

Acq: 10 Aug 2017 20:55

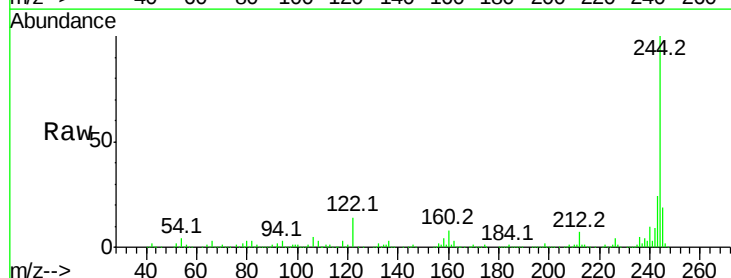
Tgt Ion:244 Resp: 459318

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

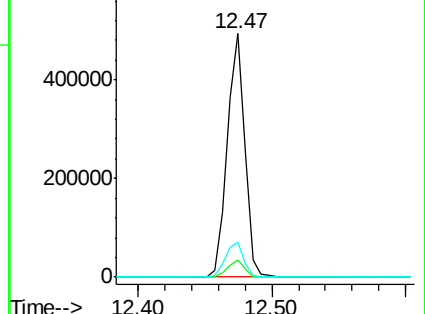
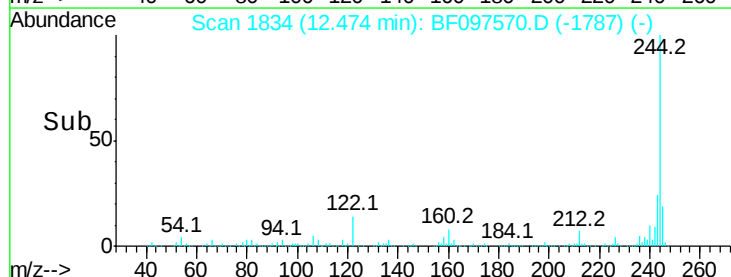
122 14.2 10.3 15.5

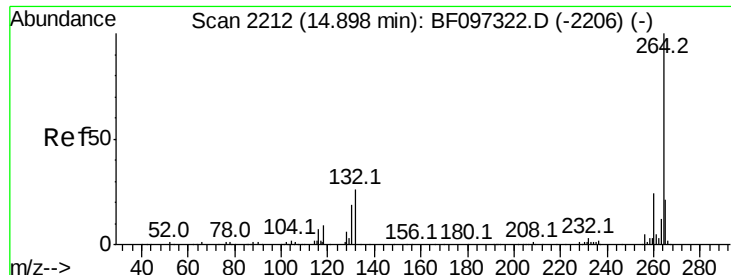


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

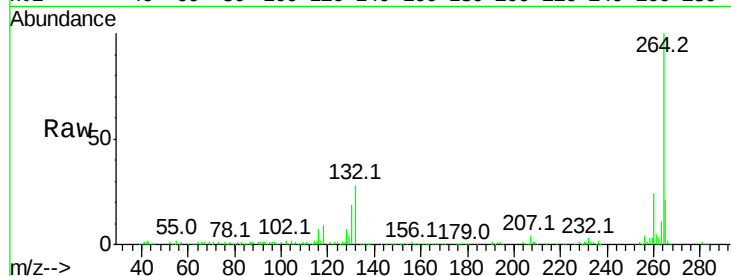




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.86 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BF097570.D
 Acq: 10 Aug 2017 20:55

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
 200000
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

