

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097380.D
 Acq On : 5 Aug 2017 3:09
 Operator : SJ/JU
 Sample : I4591-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRAVEL-PILE

Quant Time: Aug 05 03:42:22 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	6.44	152	100929	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	428370	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	185711	20.00	ng	-0.08
63) Phenanthrene-d10	10.93	188	260776	20.00	ng	-0.07
75) Chrysene-d12	13.55	240	201254	20.00	ng	-0.08
86) Perylene-d12	14.89	264	163768	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	841029	125.62	ng	-0.05
7) Phenol-d6	6.12	99	910335	119.10	ng	-0.05
23) Nitrobenzene-d5	7.01	82	629935	86.27	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	159344	108.60	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	887097	81.07	ng	-0.07
78) Terphenyl-d14	12.52	244	595116	60.29	ng	-0.07

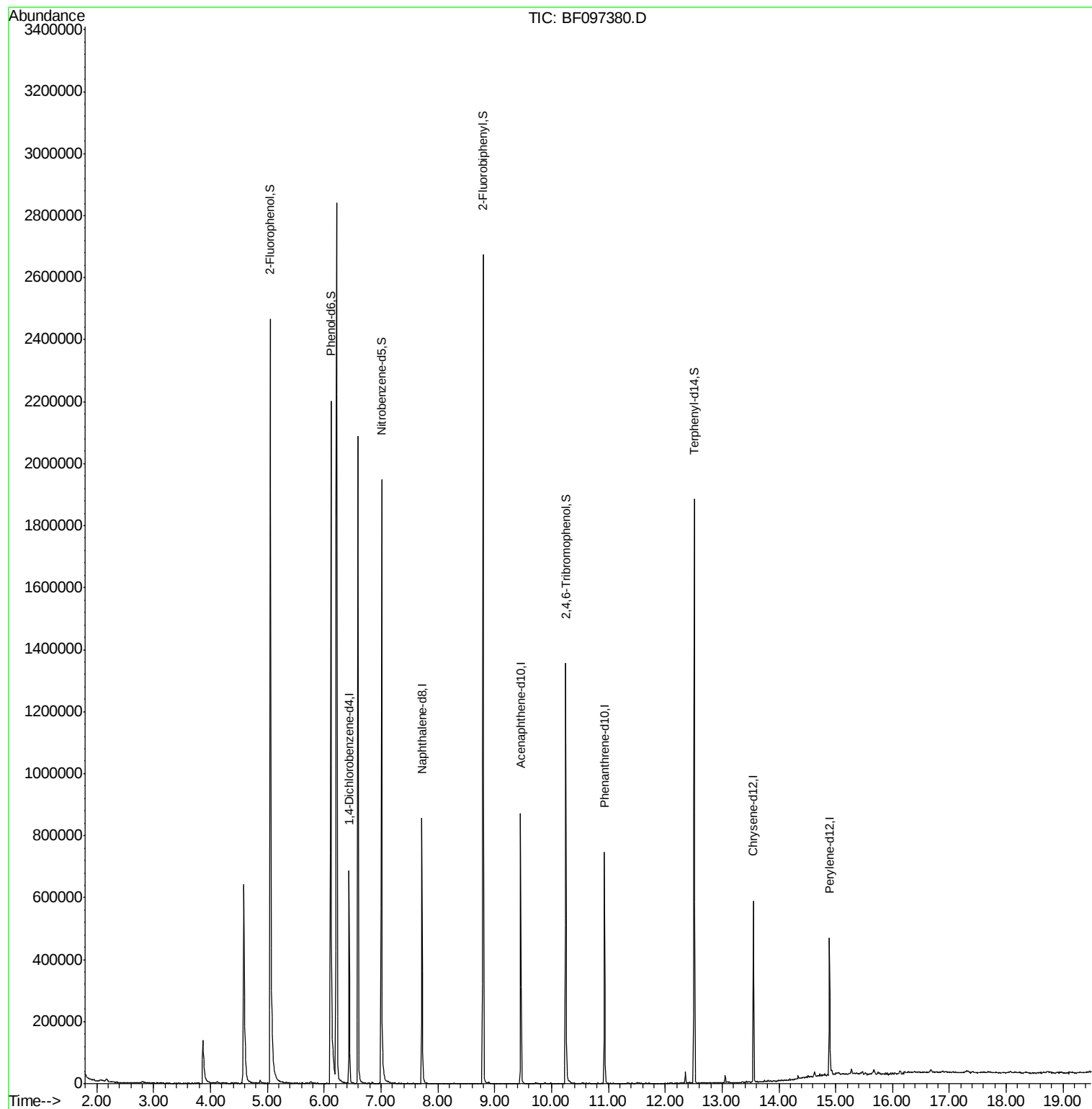
Target Compounds Qvalue

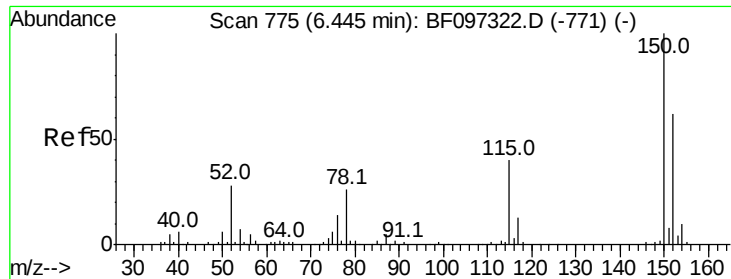
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
Data File : BF097380.D
Acq On : 5 Aug 2017 3:09
Operator : SJ/JU
Sample : I4591-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRAVEL-PILE

Quant Time: Aug 05 03:42:22 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



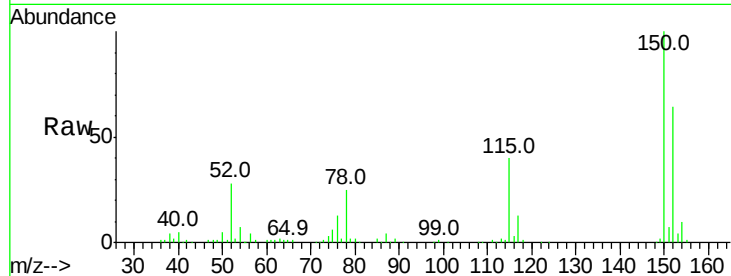


#1

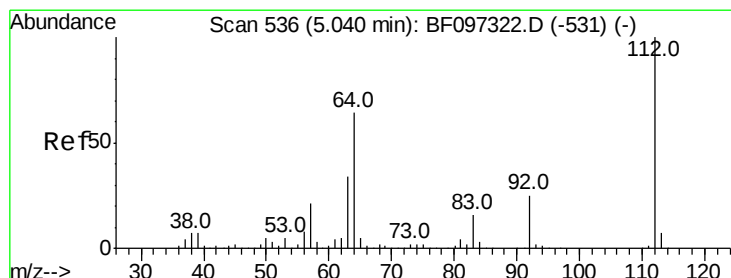
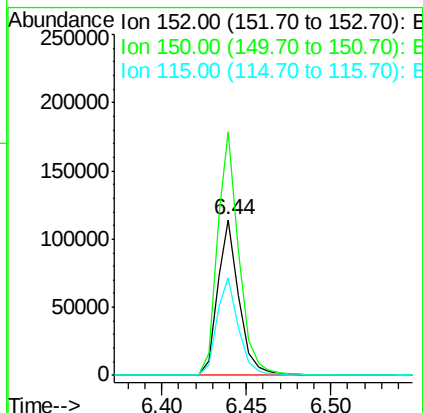
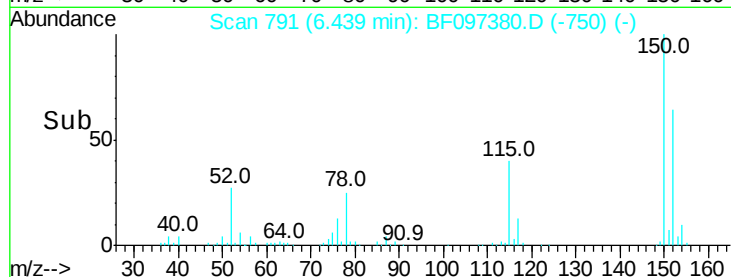
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.44 min Scan# 791
 Delta R.T. -0.06 min
 Lab File: BF097380.D
 Acq: 5 Aug 2017 3:09

Instrument :
 BNA_F
 ClientSampleId :
 GRAVEL-PILE

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	62.7	52.2	78.2



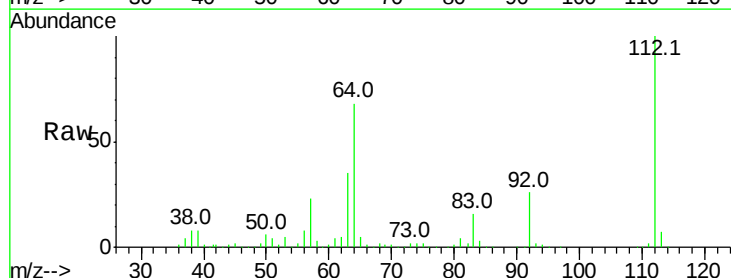
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



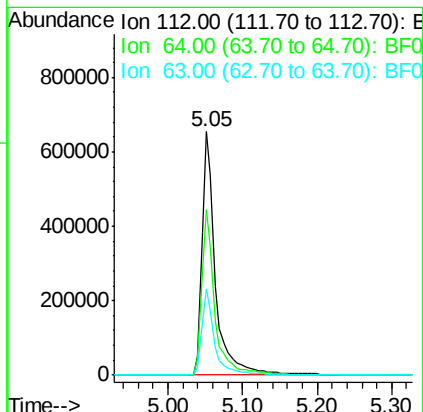
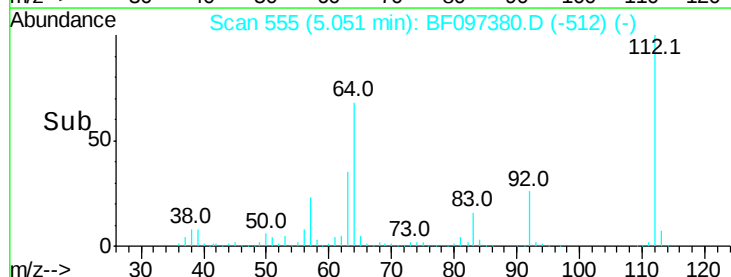
#5

2-Fluorophenol
 Concen: 125.617 ng
 RT: 5.05 min Scan# 555
 Delta R.T. -0.05 min
 Lab File: BF097380.D
 Acq: 5 Aug 2017 3:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.2	46.0	69.0
63	35.3	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: 119.102 ng

RT: 6.12 min Scan# 736

Delta R.T. -0.05 min

Lab File: BF097380.D

Acq: 5 Aug 2017 3:09

Instrument :

BNA_F

ClientSampleId :

GRAVEL-PILE

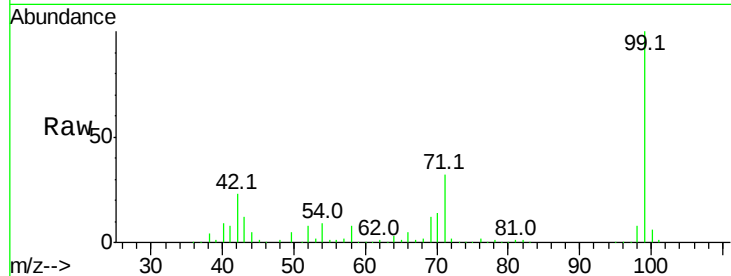
Tot Ion: 99 Resp: 910335

Ion Ratio Lower Upper

99 100

42 23.4 13.5 20.3#

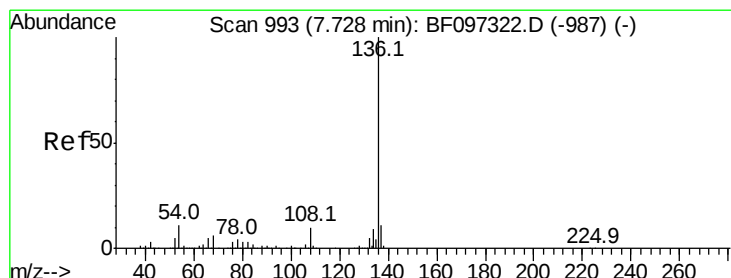
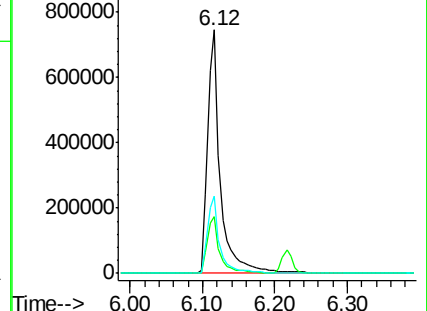
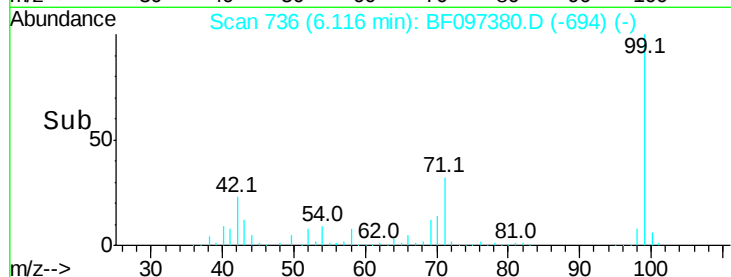
71 31.7 24.5 36.7



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: 7.72 min Scan# 1009

Delta R.T. -0.06 min

Lab File: BF097380.D

Acq: 5 Aug 2017 3:09

Tgt Ion: 136 Resp: 428370

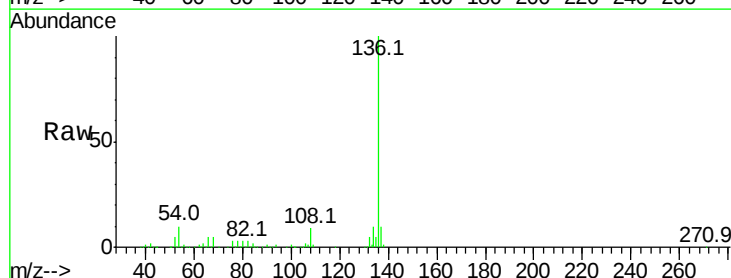
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 10.2 4.9 7.3#

68 5.1 4.1 6.1

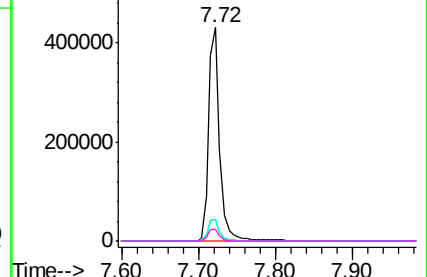
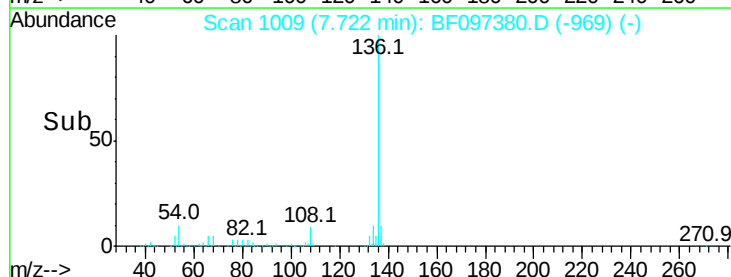


Abundance Ion 136.00 (135.70 to 136.70): E

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

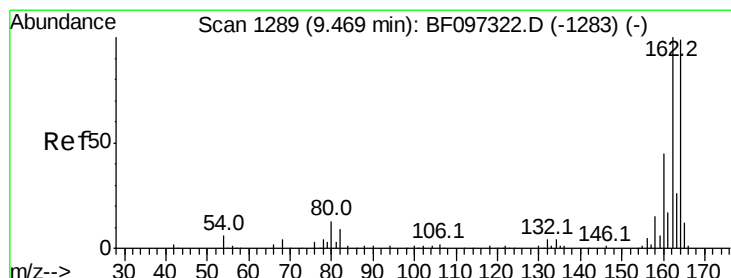
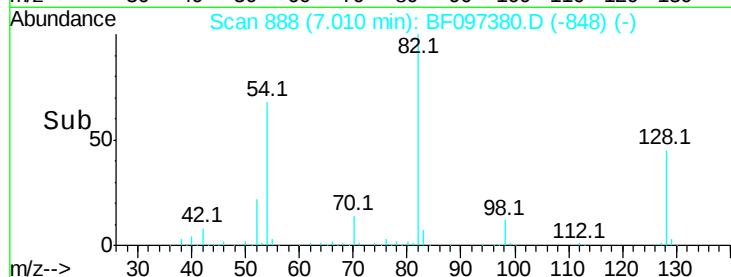
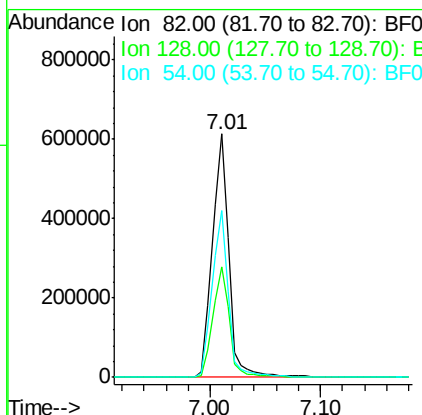
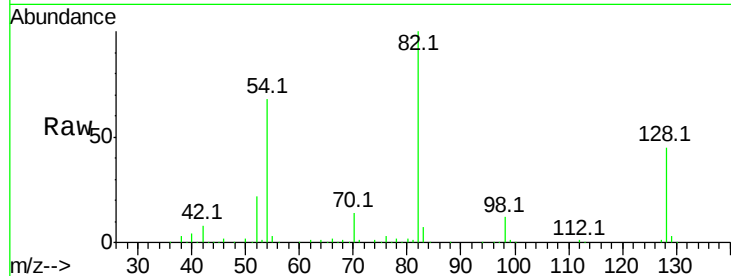




#23
 Nitrobenzene-d5
 Concen: 86.268 ng
 RT: 7.01 min Scan# 888
 Delta R.T. -0.06 min
 Lab File: BF097380.D
 Acq: 5 Aug 2017 3:09

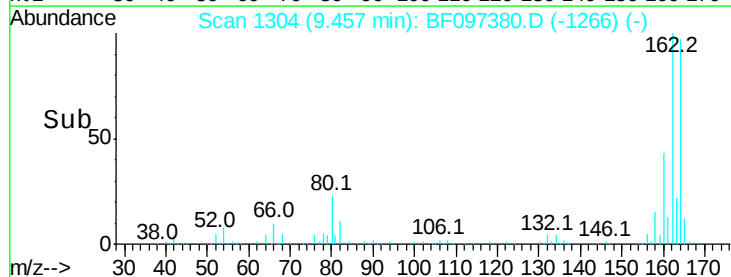
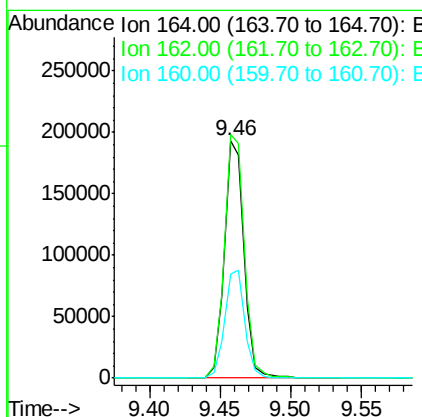
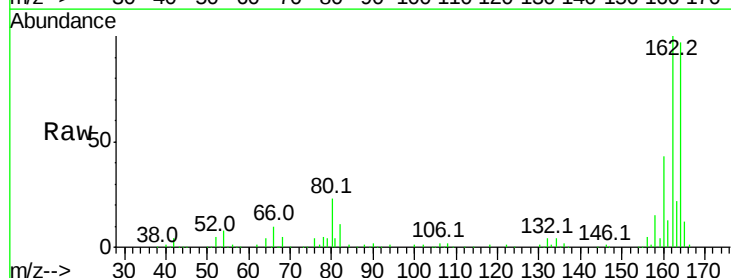
Instrument :
 BNA_F
 ClientSampleId :
 GRAVEL-PILE

Tot Ion: 82 Resp: 629935
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.0 51.0
 54 68.5 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.46 min Scan# 1304
 Delta R.T. -0.08 min
 Lab File: BF097380.D
 Acq: 5 Aug 2017 3:09

Tgt Ion:164 Resp: 185711
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 44.1 36.2 54.2

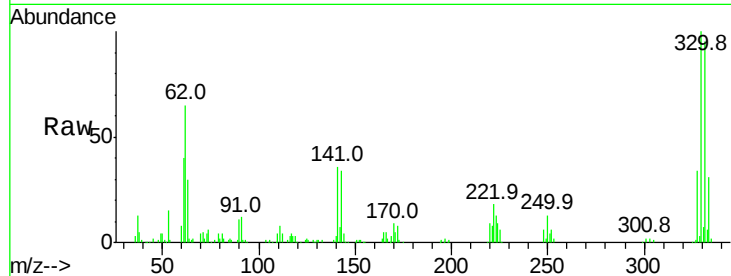




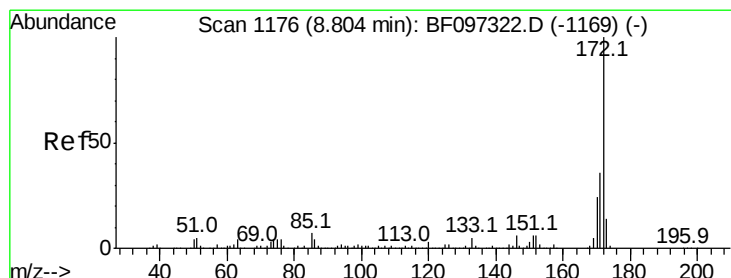
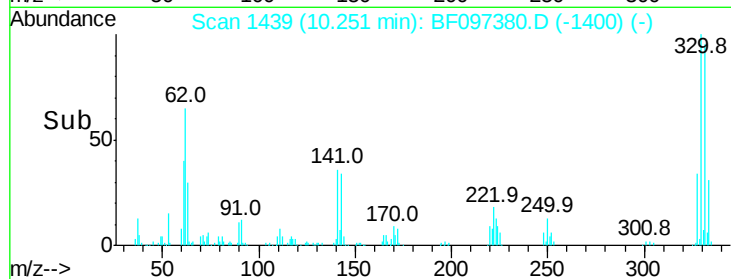
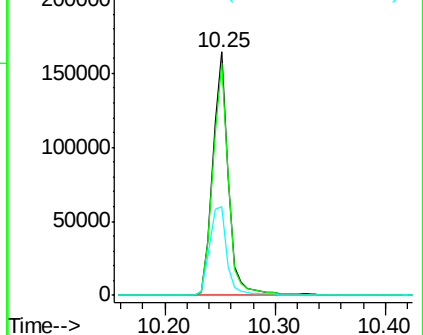
#41
 2,4,6-Tribromophenol
 Concen: 108.597 ng
 RT: 10.25 min Scan# 1439
 Delta R.T. -0.07 min
 Lab File: BF097380.D
 Acq: 5 Aug 2017 3:09

Instrument :
 BNA_F
 ClientSampleId :
 GRAVEL-PILE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	40.7	31.4	47.2

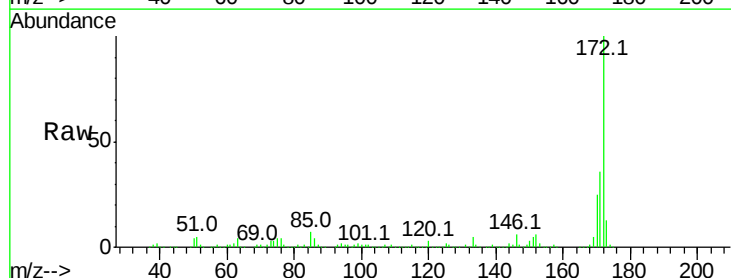


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

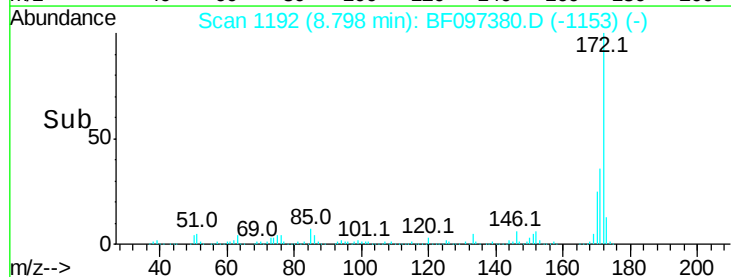
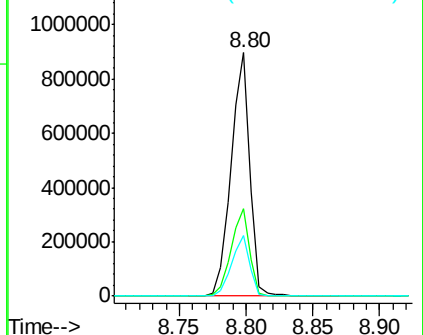


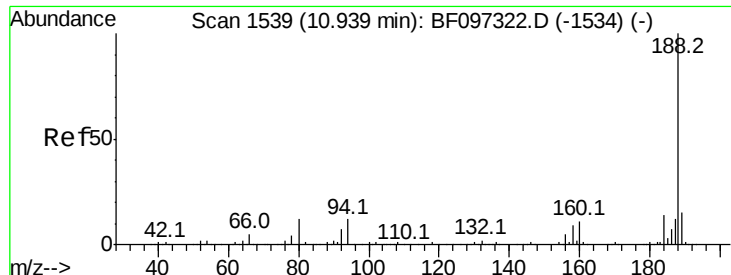
#44
 2-Fluorobiphenyl
 Concen: 81.066 ng
 RT: 8.80 min Scan# 1192
 Delta R.T. -0.07 min
 Lab File: BF097380.D
 Acq: 5 Aug 2017 3:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.9	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

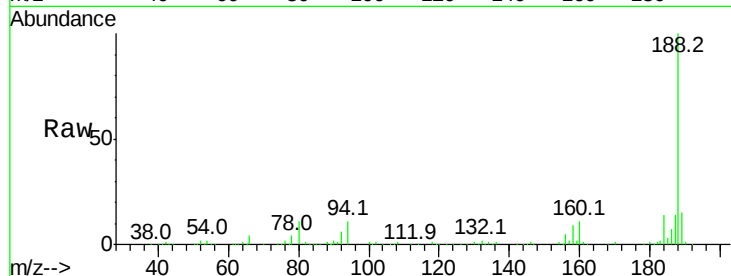




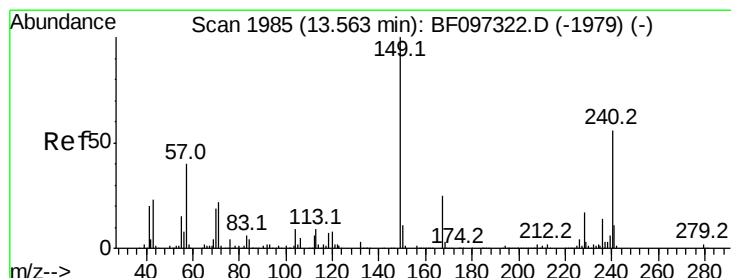
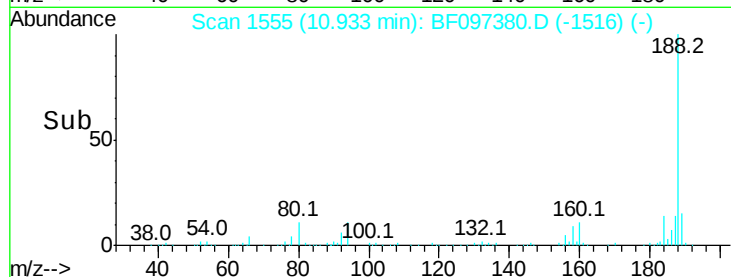
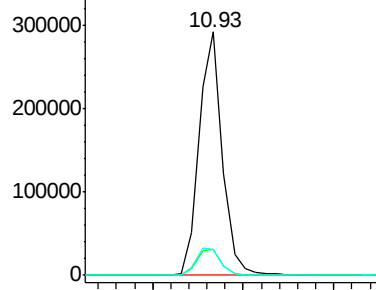
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.07 min
Lab File: BF097380.D
Acq: 5 Aug 2017 3:09

Instrument :
BNA_F
ClientSampleId :
GRAVEL-PILE

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	10.6	10.2	15.2

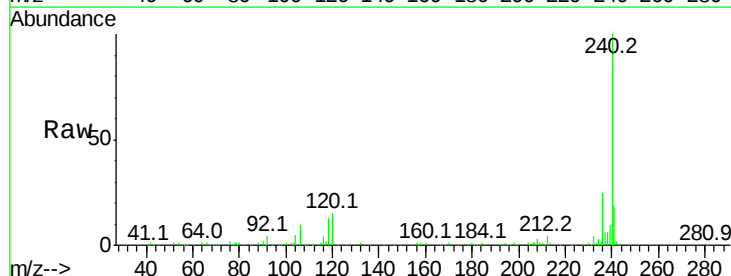


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

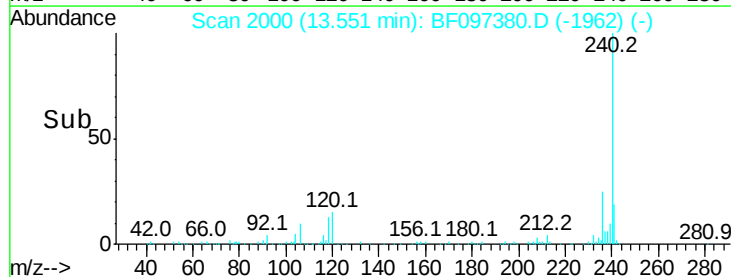
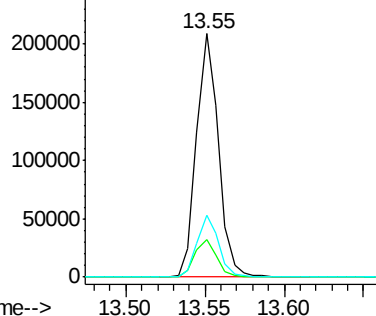


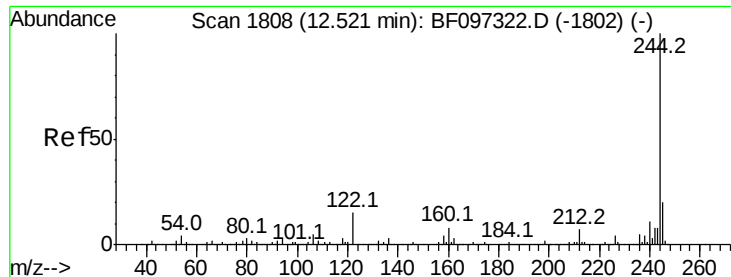
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.55 min Scan# 2000
Delta R.T. -0.08 min
Lab File: BF097380.D
Acq: 5 Aug 2017 3:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.4	5.8	8.8#
236	25.5	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: 60.290 ng

RT: 12.52 min Scan# 1824

Delta R.T. -0.07 min

Lab File: BF097380.D

Acq: 5 Aug 2017 3:09

Instrument :

BNA_F

ClientSampleId :

GRAVEL-PILE

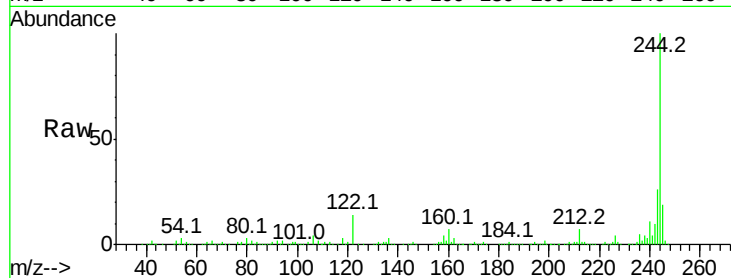
Tot Ion:244 Resp: 595116

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

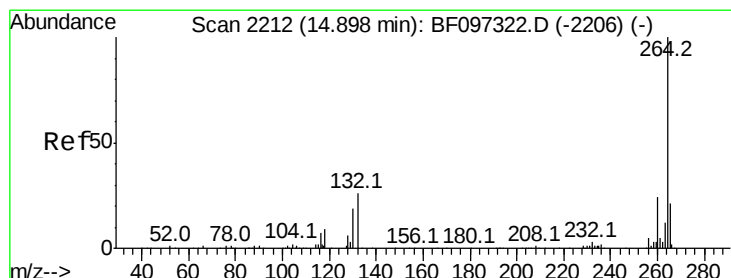
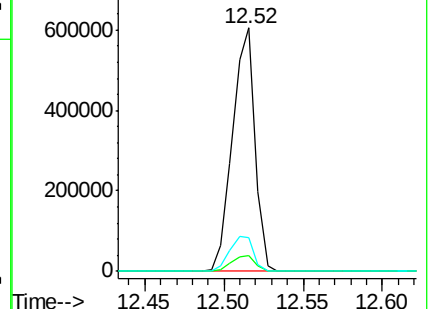
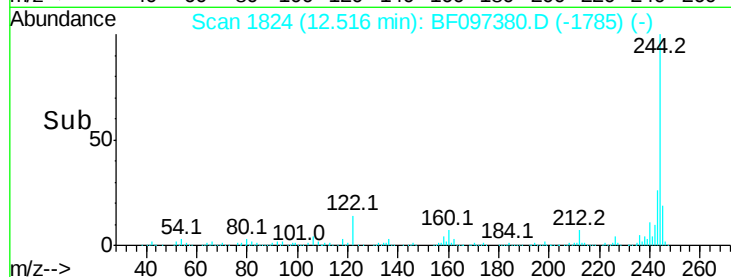
122 13.6 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 14.89 min Scan# 2228

Delta R.T. -0.08 min

Lab File: BF097380.D

Acq: 5 Aug 2017 3:09

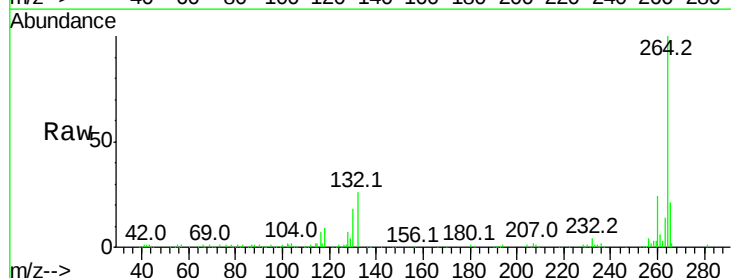
Tgt Ion:264 Resp: 163768

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.3 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

