

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097032.D
 Acq On : 25 Jul 2017 16:45
 Operator : SJ/JU
 Sample : I4395-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VL-WWTP-004

Quant Time: Jul 26 01:16:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	137730	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	613095	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	262569	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	438805	20.00	ng	0.00
75) Chrysene-d12	13.62	240	324455	20.00	ng	0.00
86) Perylene-d12	14.97	264	218561	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	324294	35.49	ng	0.00
7) Phenol-d6	6.16	99	234497	22.48	ng	-0.01
23) Nitrobenzene-d5	7.07	82	724366	69.31	ng	0.00
41) 2,4,6-Tribromophenol	10.31	330	158839	76.57	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	1184344	76.55	ng	0.00
78) Terphenyl-d14	12.59	244	912179	57.32	ng	0.00

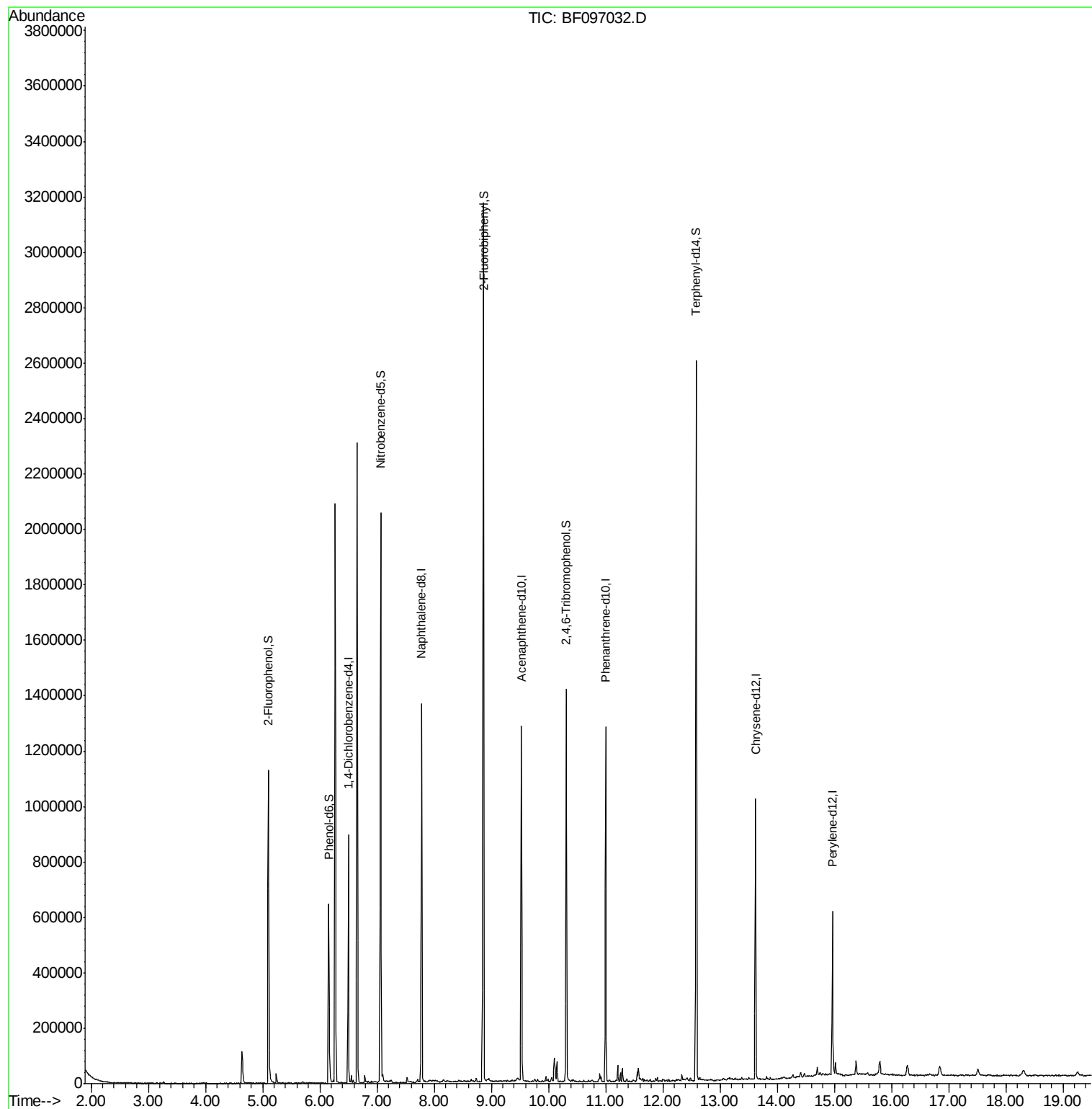
Target Compounds Qvalue

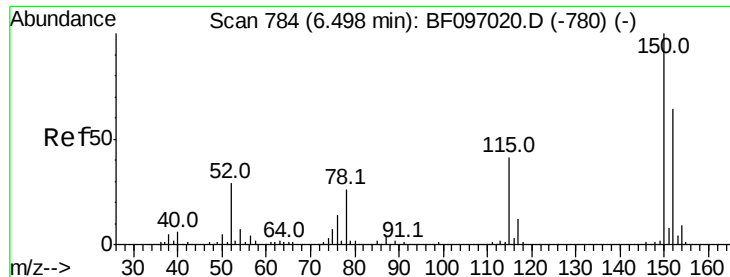
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097032.D
Acq On : 25 Jul 2017 16:45
Operator : SJ/JU
Sample : I4395-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VL-WWTP-004

Quant Time: Jul 26 01:16:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration



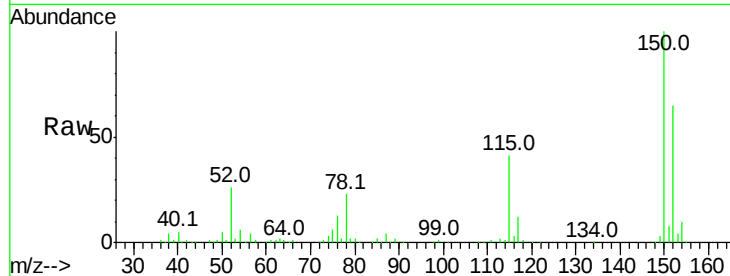


#1

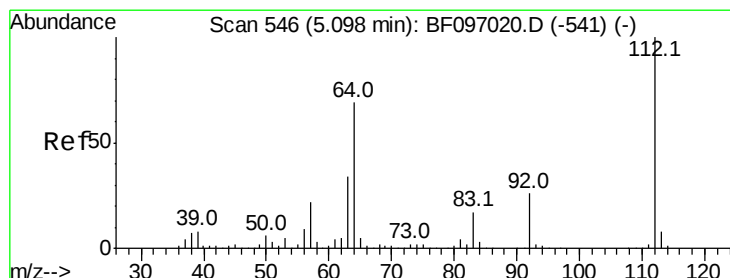
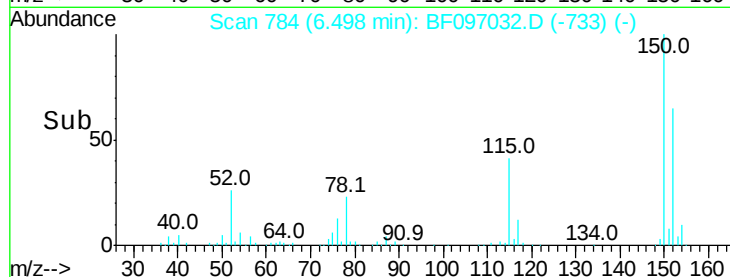
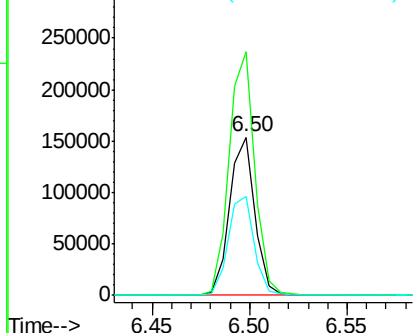
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097032.D
Acq: 25 Jul 2017 16:45

Instrument :
BNA_F
ClientSampleId :
VL-WWTP-004

Tot Ion:152 Resp: 137730
Ion Ratio Lower Upper
152 100
150 153.9 126.2 189.2
115 62.4 52.2 78.2



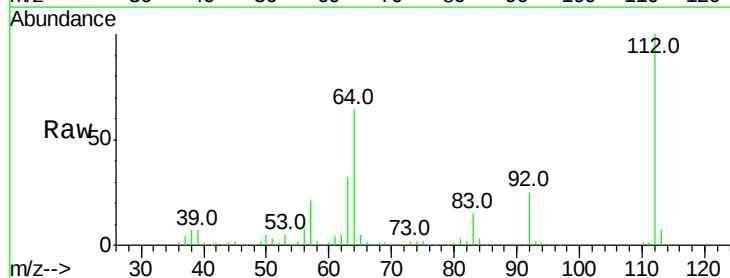
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



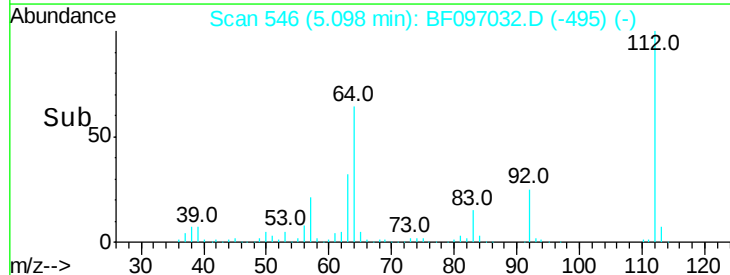
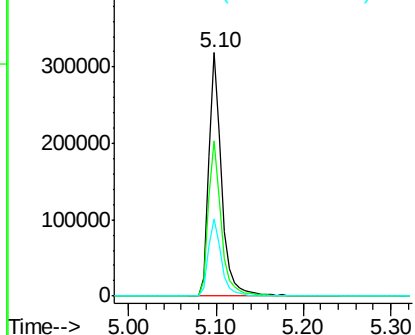
#5

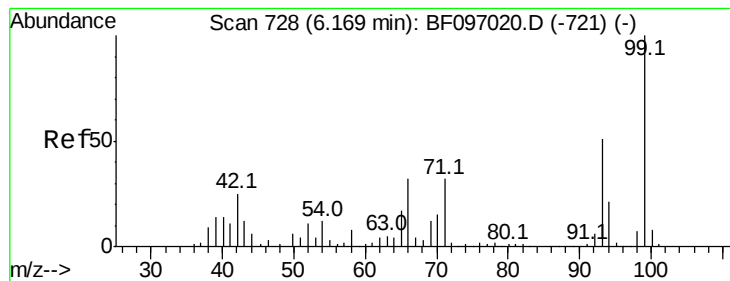
2-Fluorophenol
Concen: 35.495 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097032.D
Acq: 25 Jul 2017 16:45

Tgt Ion:112 Resp: 324294
Ion Ratio Lower Upper
112 100
64 63.9 46.0 69.0
63 31.9 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: 22.482 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097032.D

Acq: 25 Jul 2017 16:45

Instrument :

BNA_F

ClientSampleId :

VL-WWTP-004

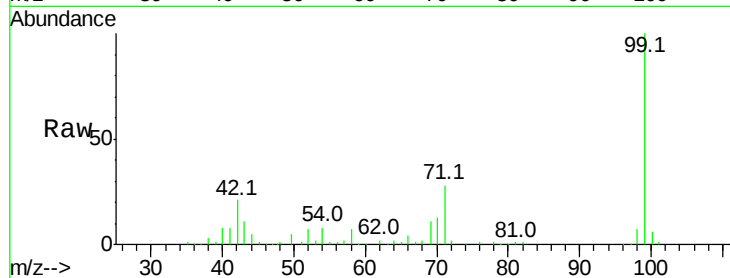
Tot Ion: 99 Resp: 234497

Ion Ratio Lower Upper

99 100

42 20.7 13.5 20.3#

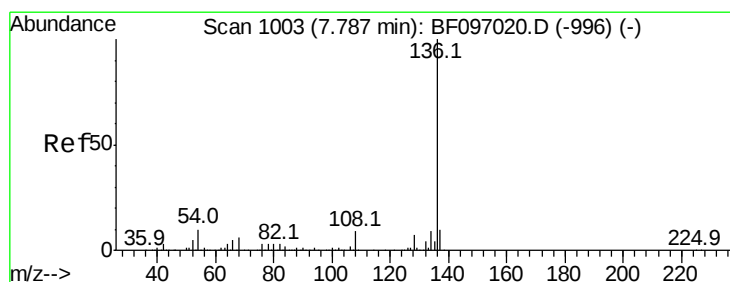
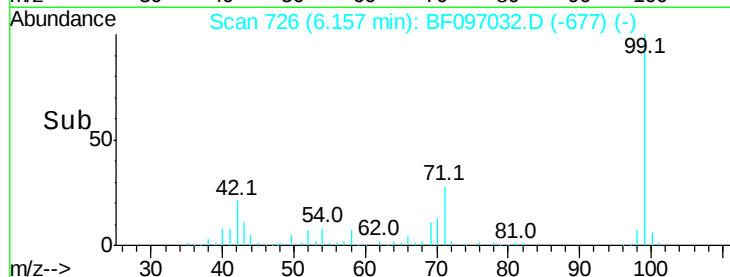
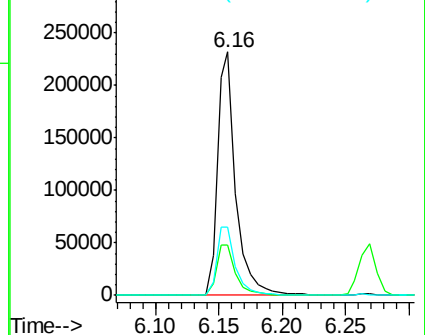
71 28.2 24.5 36.7



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: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097032.D

Acq: 25 Jul 2017 16:45

Tgt Ion: 136 Resp: 613095

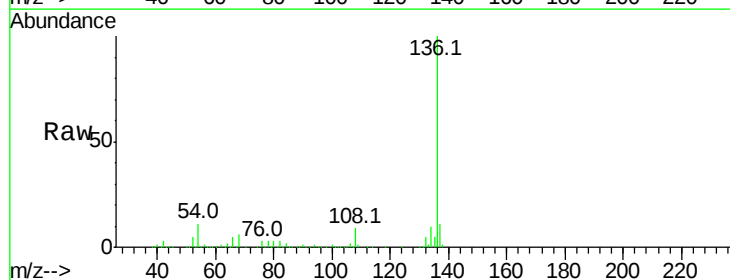
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.7 4.9 7.3#

68 6.1 4.1 6.1

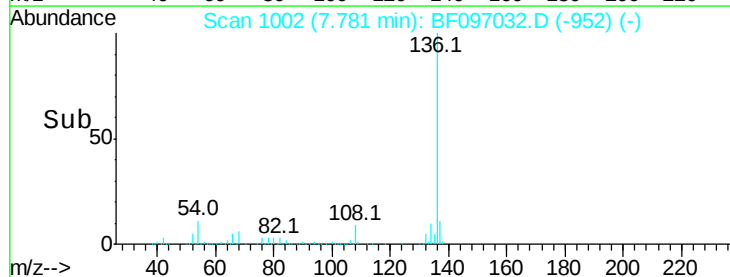
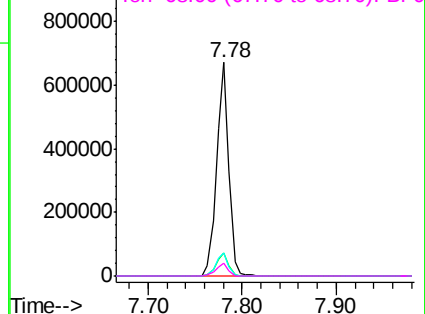


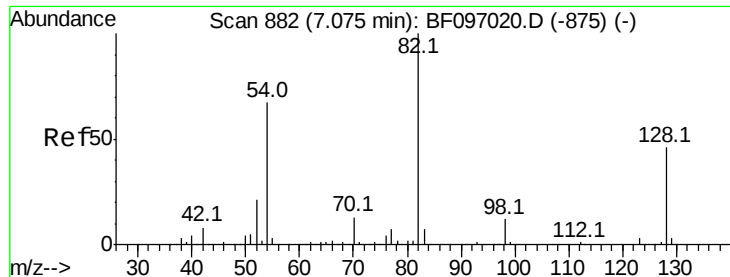
Abundance Ion 136.00 (135.70 to 136.70): E

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

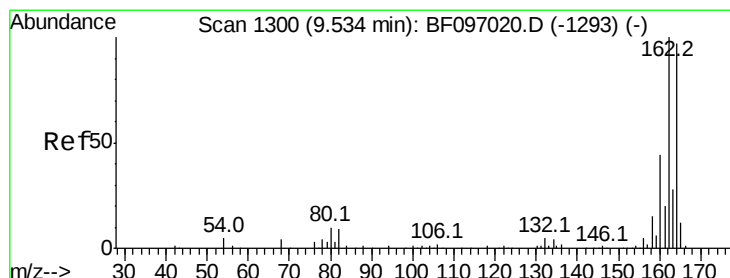
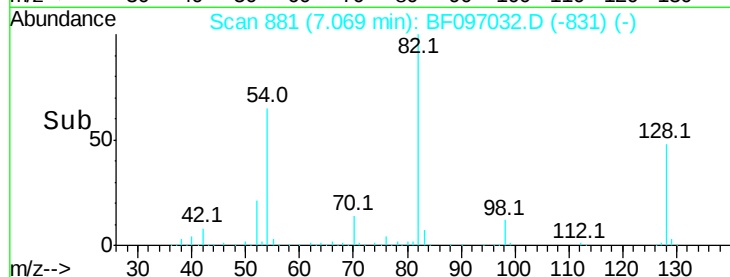
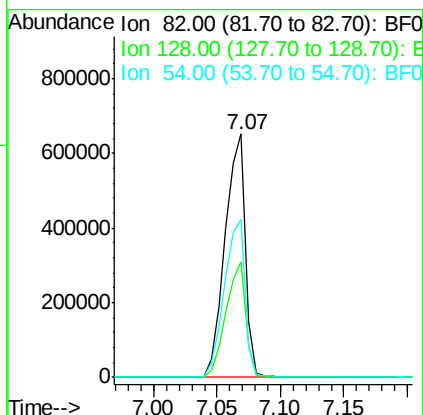
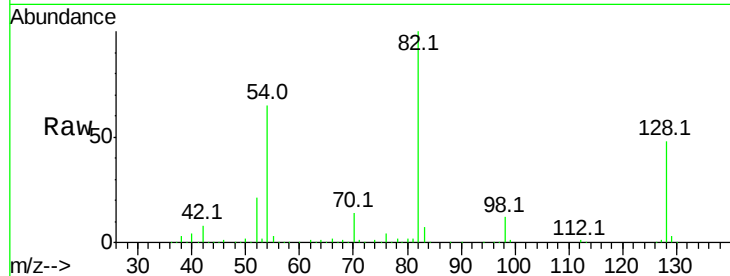




#23
Nitrobenzene-d5
Concen: 69.311 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF097032.D
Acq: 25 Jul 2017 16:45

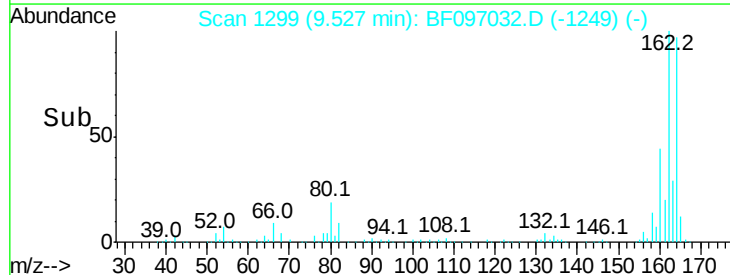
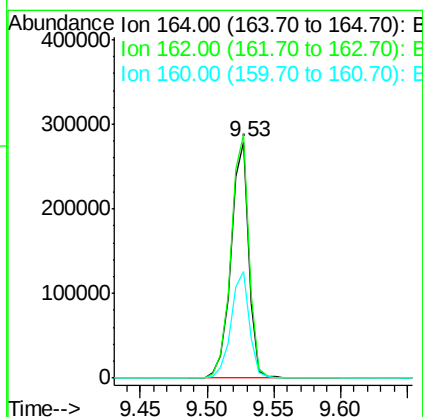
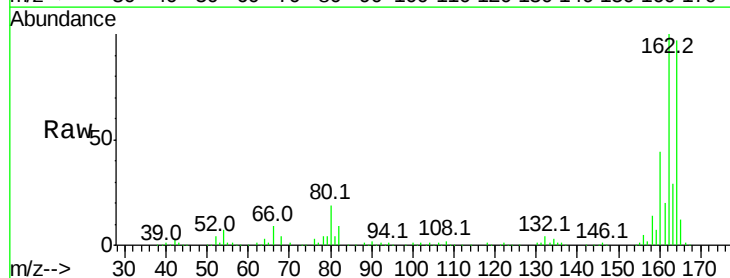
Instrument :
BNA_F
ClientSampleId :
VL-WWTP-004

Tot Ion: 82 Resp: 724366
Ion Ratio Lower Upper
82 100
128 47.7 34.0 51.0
54 65.1 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097032.D
Acq: 25 Jul 2017 16:45

Tgt Ion:164 Resp: 262569
Ion Ratio Lower Upper
164 100
162 103.2 82.6 123.8
160 45.1 36.2 54.2

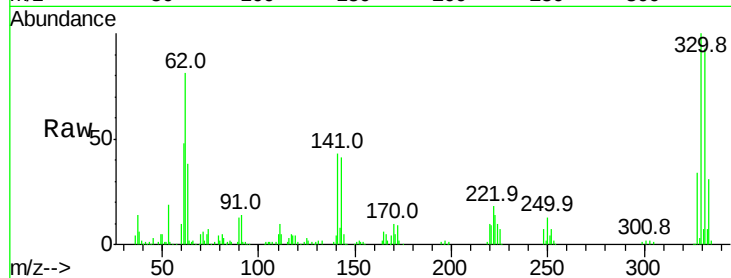




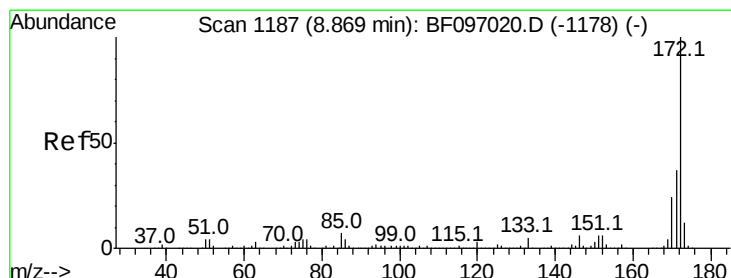
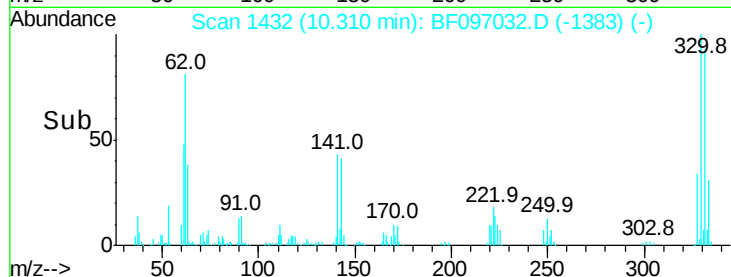
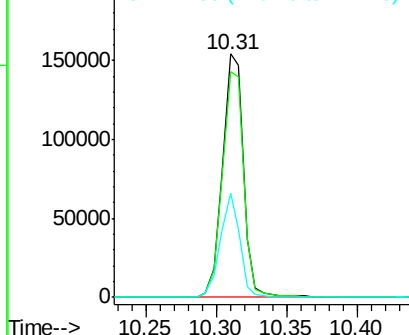
#41
 2,4,6-Tribromophenol
 Concen: 76.566 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097032.D
 Acq: 25 Jul 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 VL-WWTP-004

Tot Ion:330 Resp: 158839
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 115.0
 141 39.6 31.4 47.2

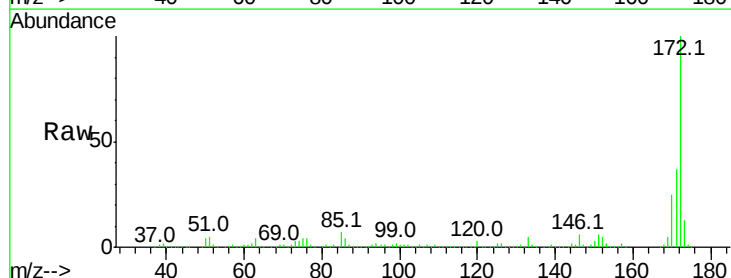


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

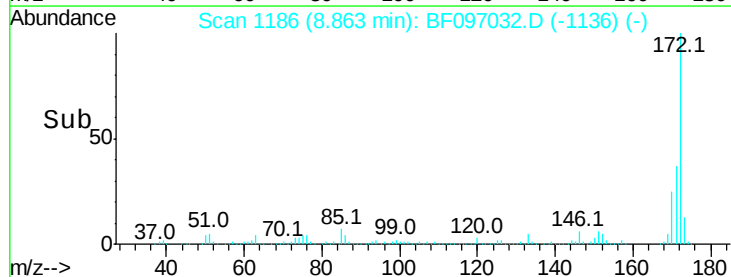
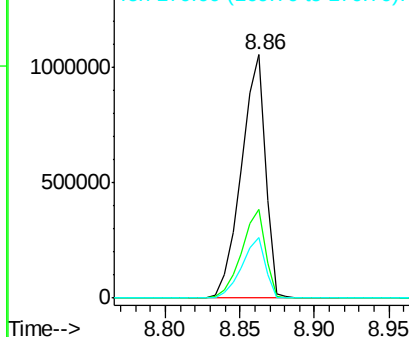


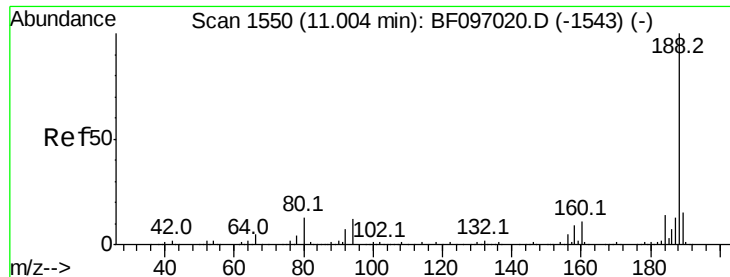
#44
 2-Fluorobiphenyl
 Concen: 76.549 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097032.D
 Acq: 25 Jul 2017 16:45

Tgt Ion:172 Resp: 1184344
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.6 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

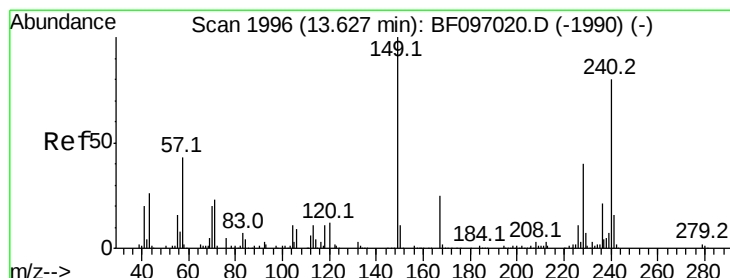
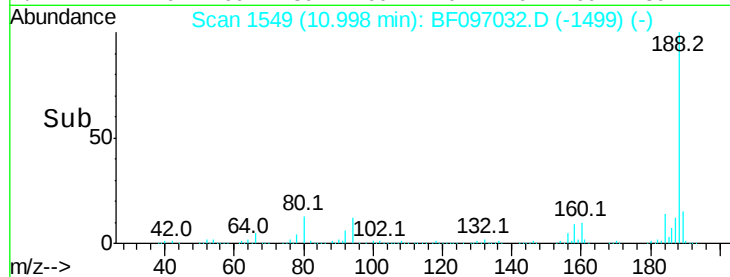
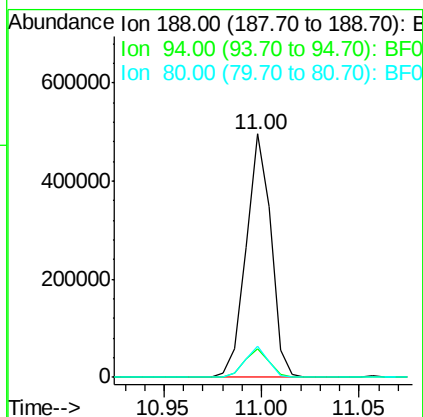
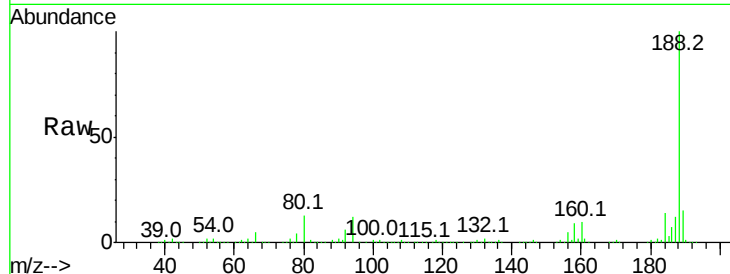




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097032.D
Acq: 25 Jul 2017 16:45

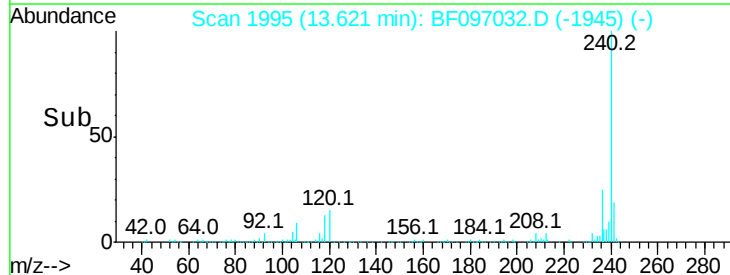
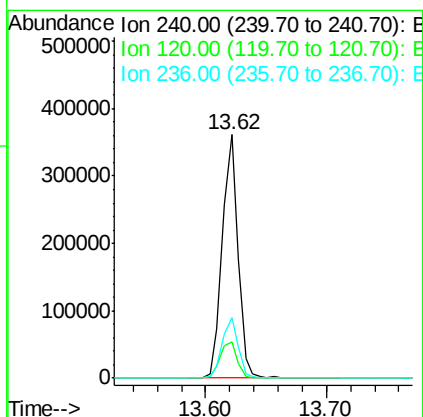
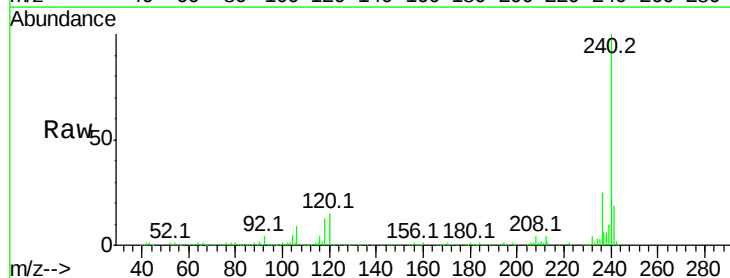
Instrument :
BNA_F
ClientSampleId :
VL-WWTP-004

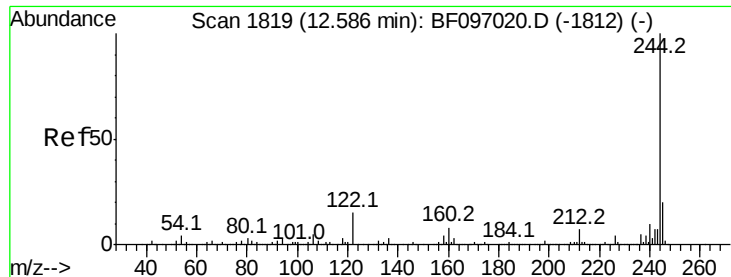
Tot Ion:188 Resp: 438805
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 12.8 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097032.D
Acq: 25 Jul 2017 16:45

Tgt Ion:240 Resp: 324455
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 25.0 20.5 30.7





#78

Terphenyl-d14

Concen: 57.321 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097032.D

Acq: 25 Jul 2017 16:45

Instrument :

BNA_F

ClientSampleId :

VL-WWTP-004

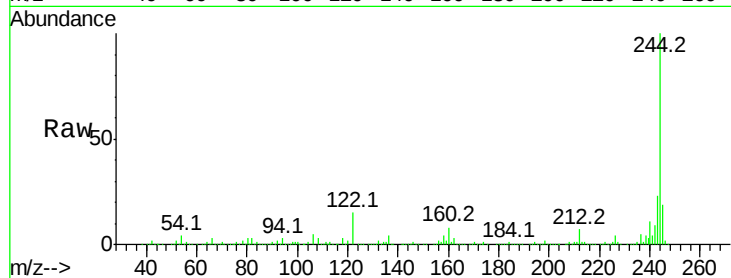
Tot Ion:244 Resp: 912179

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

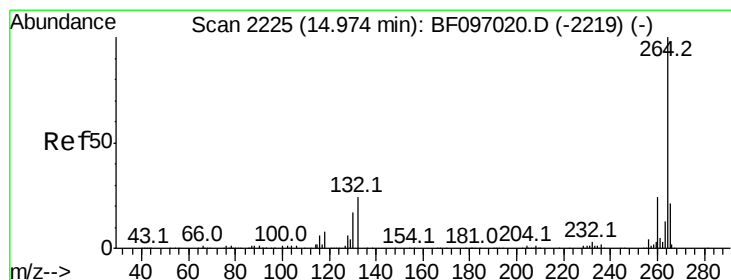
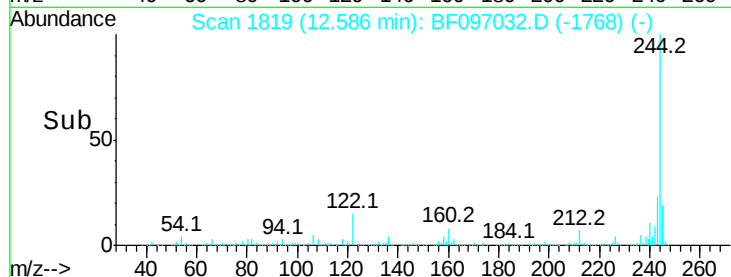
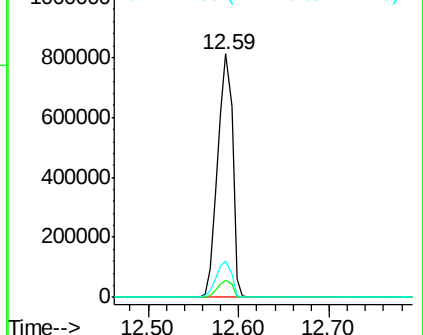
122 14.8 10.3 15.5



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: 14.97 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF097032.D

Acq: 25 Jul 2017 16:45

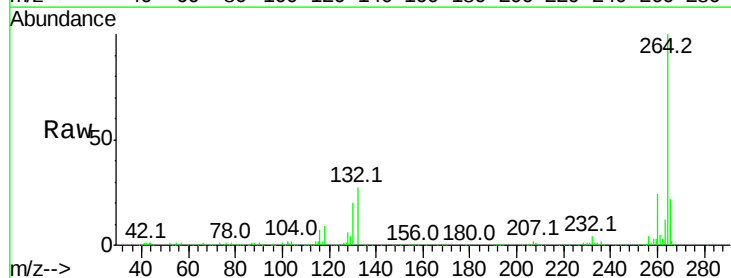
Tgt Ion:264 Resp: 218561

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 22.1 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

