

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097968.D
 Acq On : 22 Aug 2017 22:02
 Operator : SJ/JU
 Sample : I4877-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VL-WWTP-005

Quant Time: Aug 23 01:59:07 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	6.75	152	129248	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	514601	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	228575	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	373756	20.00	ng	0.00
75) Chrysene-d12	13.90	240	275442	20.00	ng	0.00
86) Perylene-d12	15.32	264	251304	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	301607	35.50	ng	0.00
7) Phenol-d6	6.38	99	278689	24.14	ng	0.00
23) Nitrobenzene-d5	7.32	82	845945	89.30	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	124624	62.84	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1267895	81.50	ng	0.00
78) Terphenyl-d14	12.86	244	832179	63.00	ng	0.00

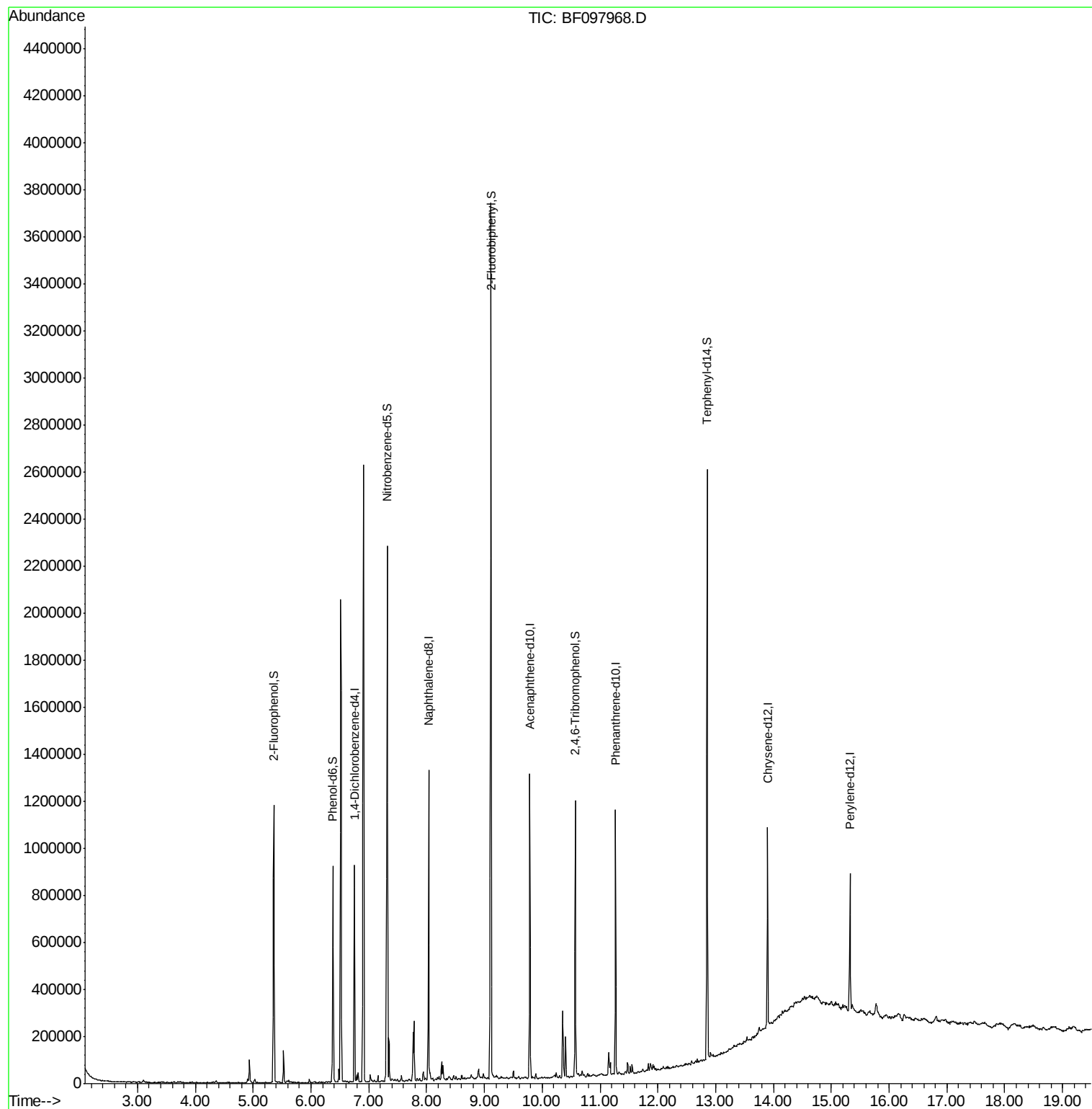
Target Compounds Qvalue

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

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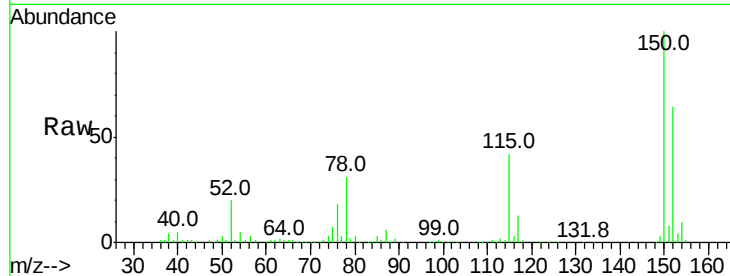


#1

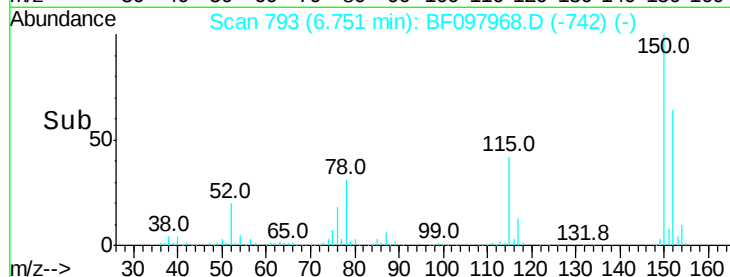
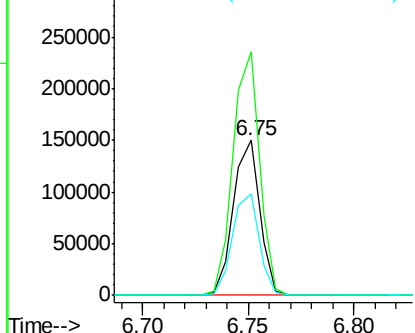
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF097968.D
 Acq: 22 Aug 2017 22:02

Instrument :
 BNA_F
 ClientSampleId :
 VL-WWTP-005

Tot Ion:152 Resp: 129248
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.2 189.2
 115 65.5 52.2 78.2



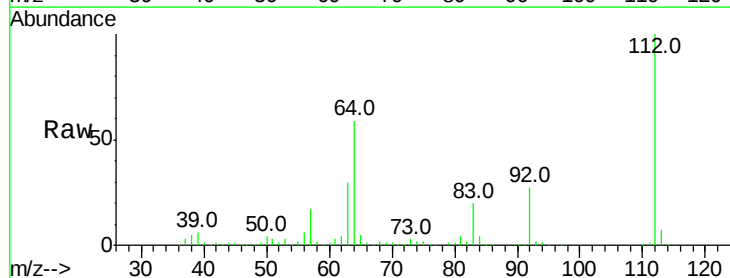
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



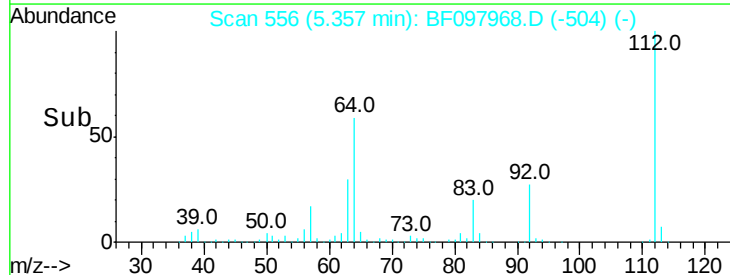
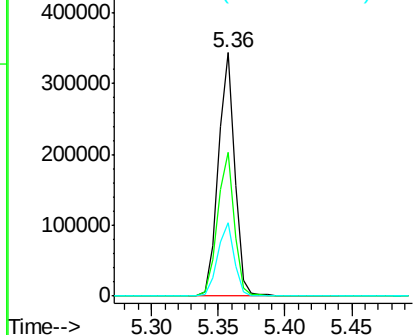
#5

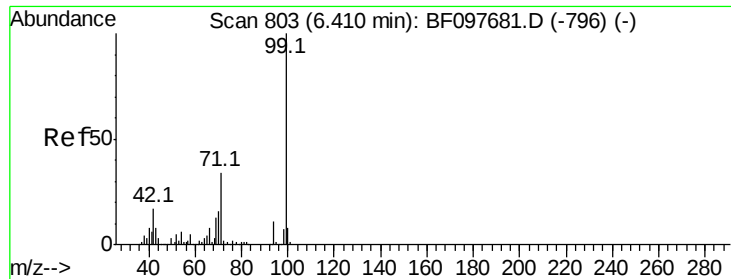
2-Fluorophenol
 Concen: 35.495 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF097968.D
 Acq: 22 Aug 2017 22:02

Tgt Ion:112 Resp: 301607
 Ion Ratio Lower Upper
 112 100
 64 58.9 46.0 69.0
 63 30.2 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: 24.139 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097968.D

Acq: 22 Aug 2017 22:02

Instrument :

BNA_F

ClientSampleId :

VL-WWTP-005

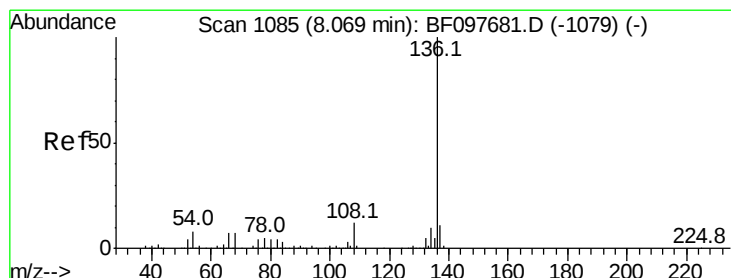
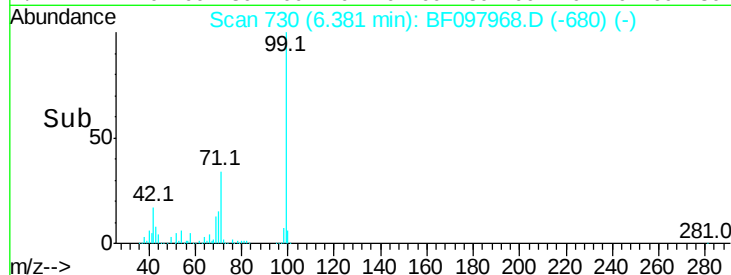
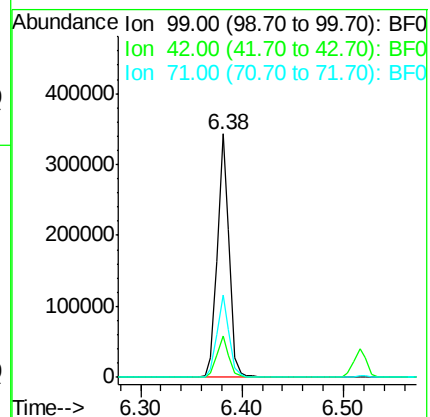
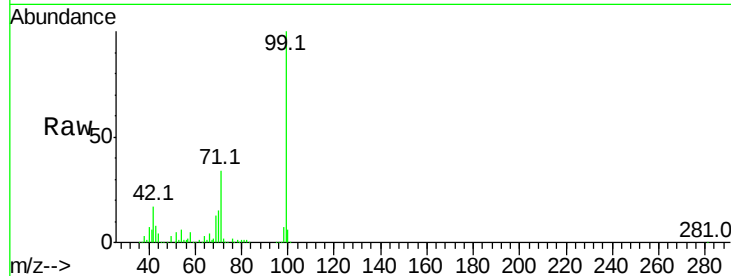
Tot Ion: 99 Resp: 278689

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

71 33.7 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097968.D

Acq: 22 Aug 2017 22:02

Tgt Ion: 136 Resp: 514601

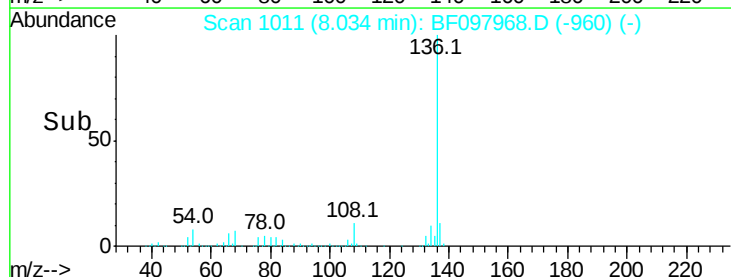
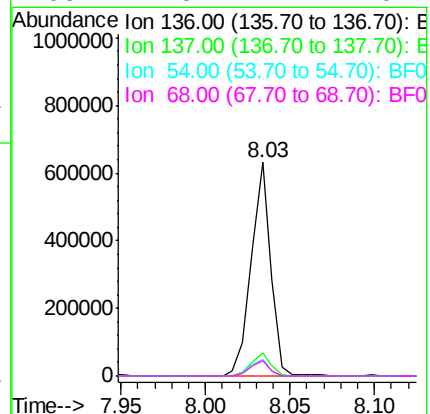
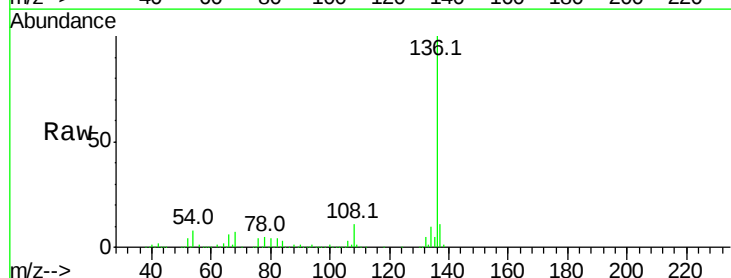
Ion Ratio Lower Upper

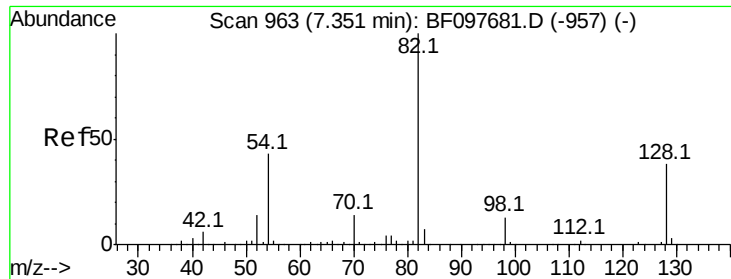
136 100

137 11.1 8.5 12.7

54 7.5 4.9 7.3#

68 7.3 4.1 6.1#

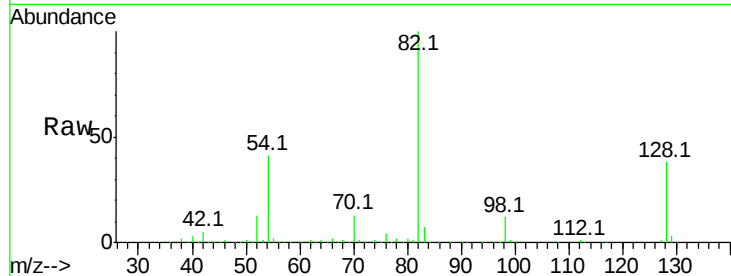




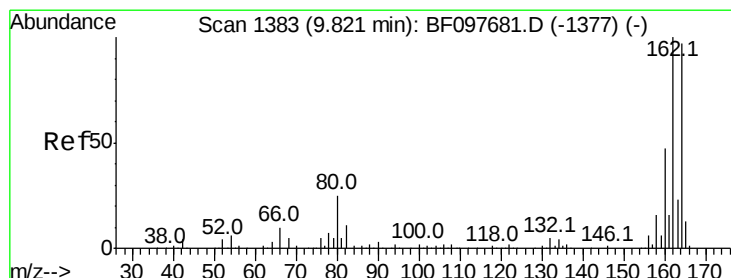
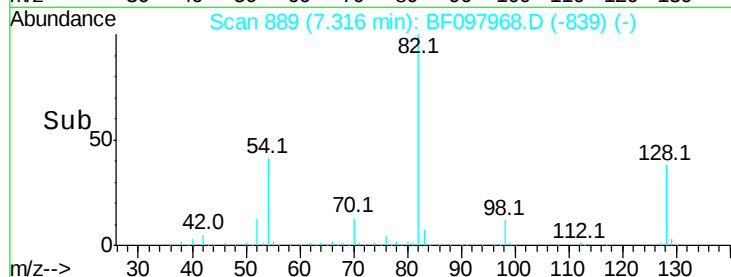
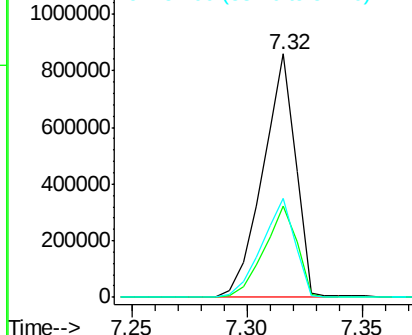
#23
Nitrobenzene-d5
Concen: 89.303 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Instrument :
BNA_F
ClientSampleId :
VL-WWTP-005

Tot Ion	82	Resp	845945
Ion Ratio	100		
Lower	34.0		
Upper	51.0		
54	40.8	42.2	63.2#

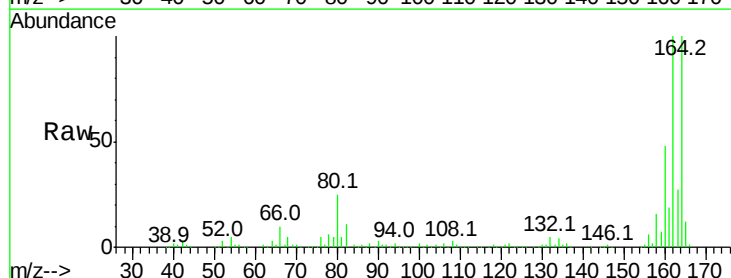


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

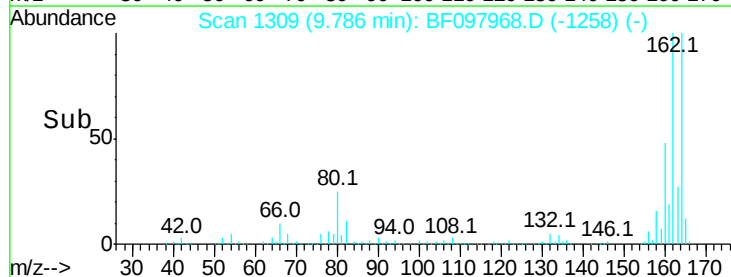
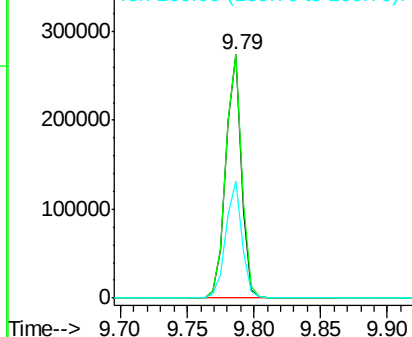


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Tgt Ion	164	Resp	228575
Ion Ratio	100		
Lower	82.6		
Upper	123.8		
162	100.2	36.2	54.2
160	48.2		



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

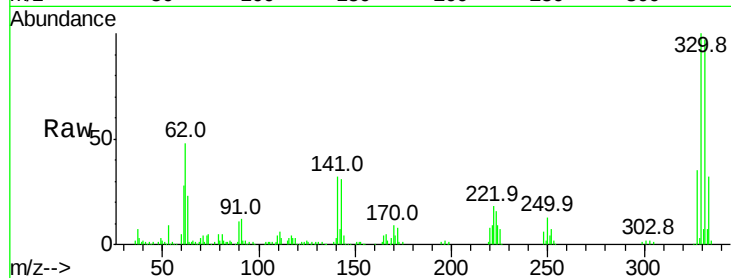




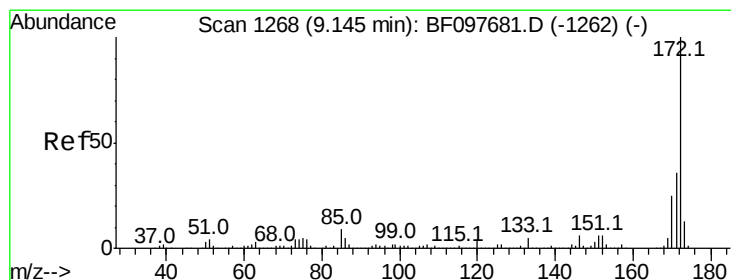
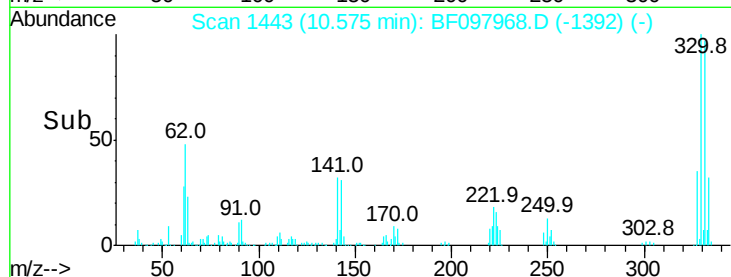
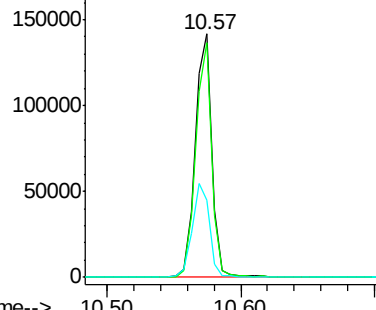
#41
 2,4,6-Tribromophenol
 Concen: 62.838 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF097968.D
 Acq: 22 Aug 2017 22:02

Instrument :
 BNA_F
 ClientSampleId :
 VL-WWTP-005

Tot Ion:330 Resp: 124624
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.6 115.0
 141 40.8 31.4 47.2

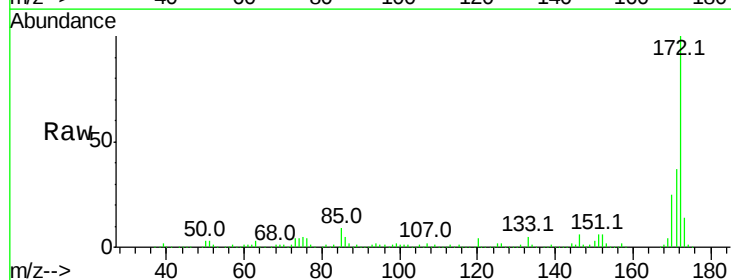


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

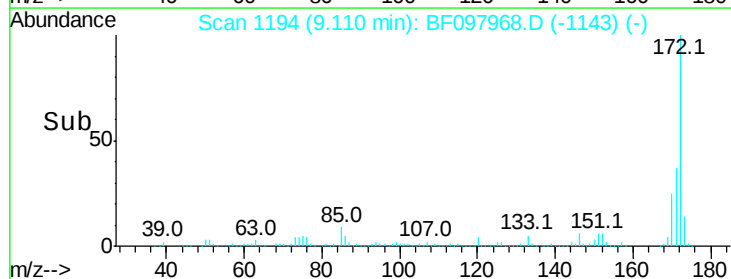
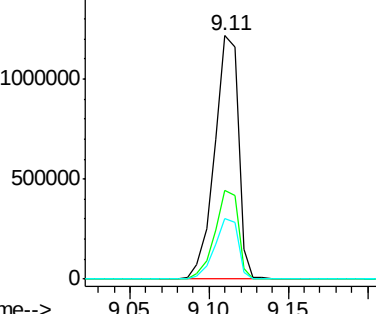


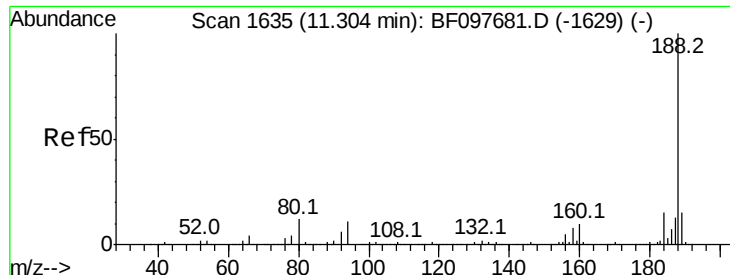
#44
 2-Fluorobiphenyl
 Concen: 81.496 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097968.D
 Acq: 22 Aug 2017 22:02

Tgt Ion:172 Resp: 1267895
 Ion Ratio Lower Upper
 172 100
 171 36.6 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

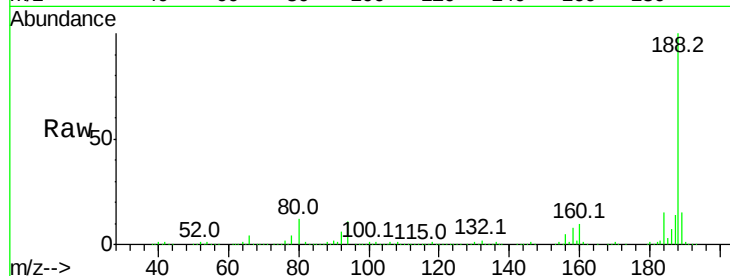




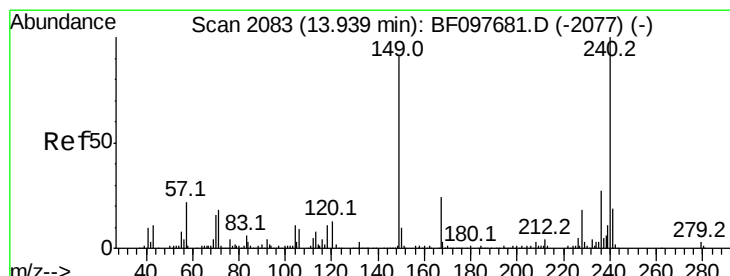
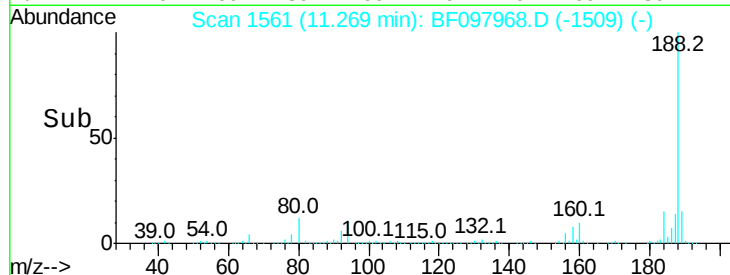
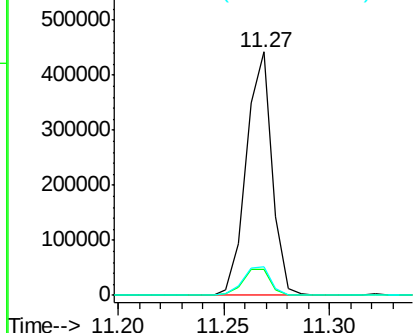
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Instrument :
BNA_F
ClientSampleId :
VL-WWTP-005

Tot Ion:188 Resp: 373756
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.7 10.2 15.2

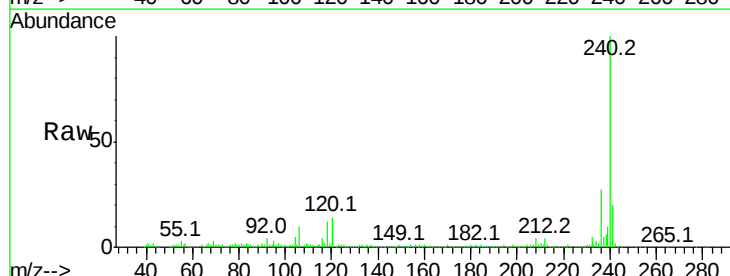


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

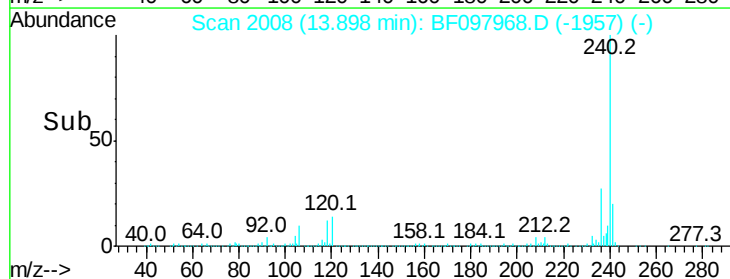
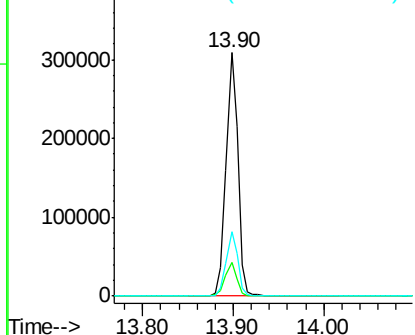


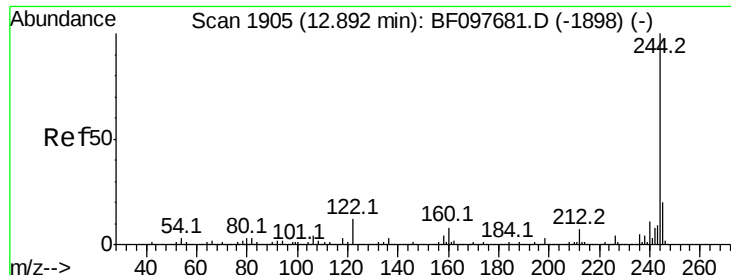
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Tgt Ion:240 Resp: 275442
Ion Ratio Lower Upper
240 100
120 13.7 5.8 8.8#
236 26.6 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: 63.003 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF097968.D

Acq: 22 Aug 2017 22:02

Instrument :

BNA_F

ClientSampleId :

VL-WWTP-005

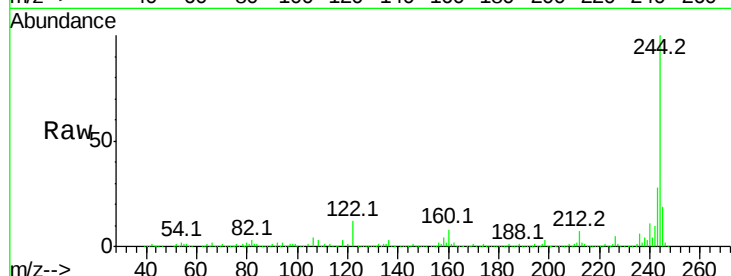
Tot Ion:244 Resp: 832179

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

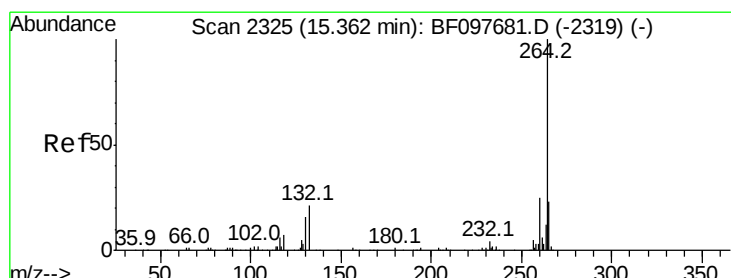
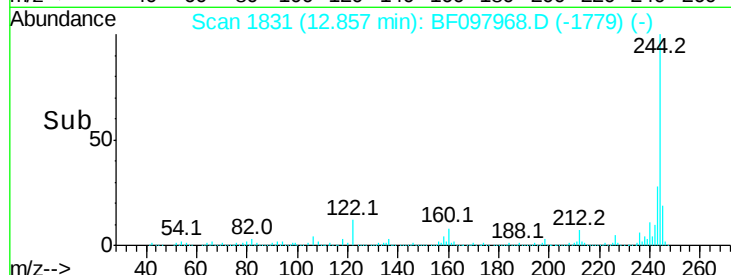
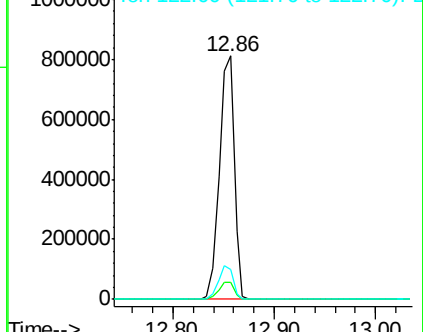
122 12.2 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2250

Delta R.T. 0.01 min

Lab File: BF097968.D

Acq: 22 Aug 2017 22:02

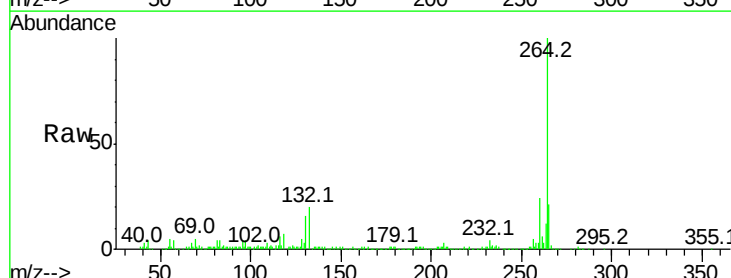
Tgt Ion:264 Resp: 251304

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.0 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

