

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\
 Data File : BF095060.D
 Acq On : 10 May 2017 17:26
 Operator : SJ/MA
 Sample : I3061-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VL-WWTP-002

Quant Time: May 10 18:13:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

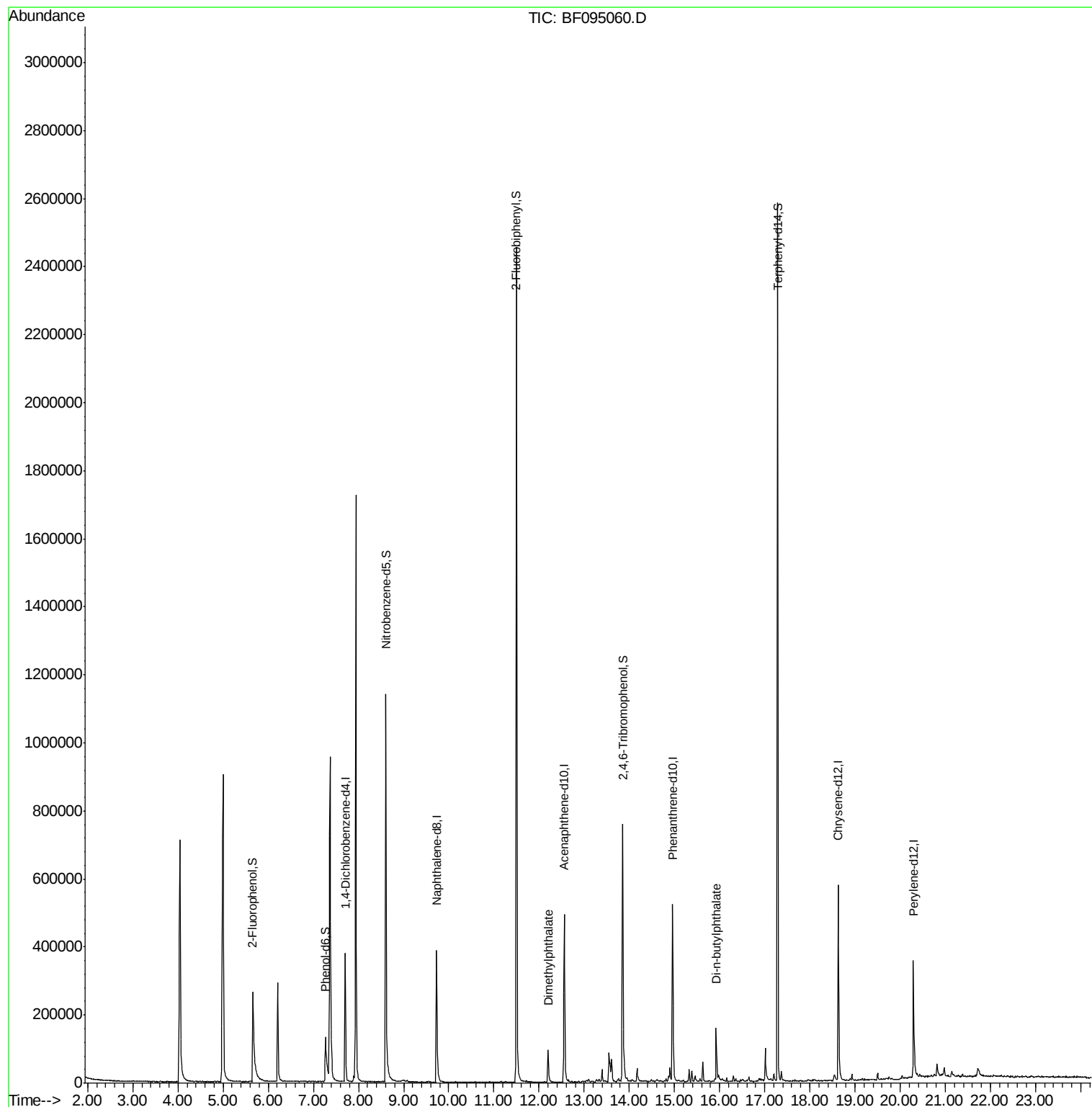
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	86808	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	313379	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	160398	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	307438	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	280462	20.00	ng	-0.02
86) Perylene-d12	20.30	264	189753	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	214789	41.25	ng	-0.02
7) Phenol-d6	7.27	99	156195	25.00	ng	-0.01
23) Nitrobenzene-d5	8.61	82	561108	112.91	ng	-0.03
41) 2,4,6-Tribromophenol	13.85	330	143080	108.92	ng	-0.03
44) 2-Fluorobiphenyl	11.50	172	1111658	99.76	ng	-0.03
78) Terphenyl-d14	17.29	244	1034026	81.21	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.20	163	69564	5.28	ng	# 98
73) Di-n-butylphthalate	15.93	149	44582	2.18	ng	# 98

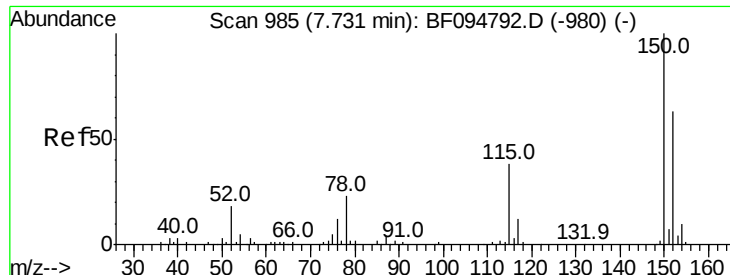
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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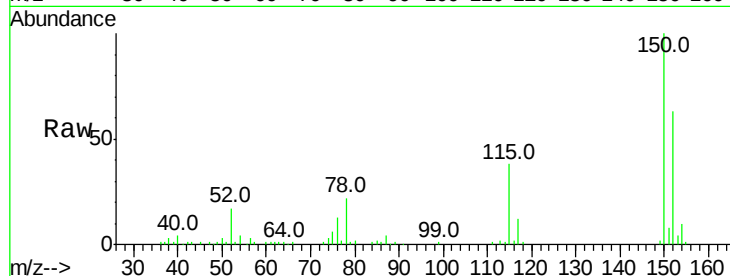


#1

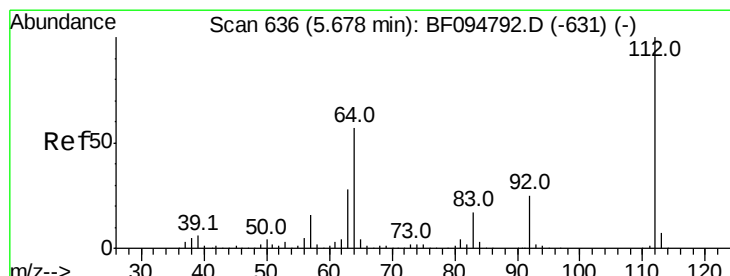
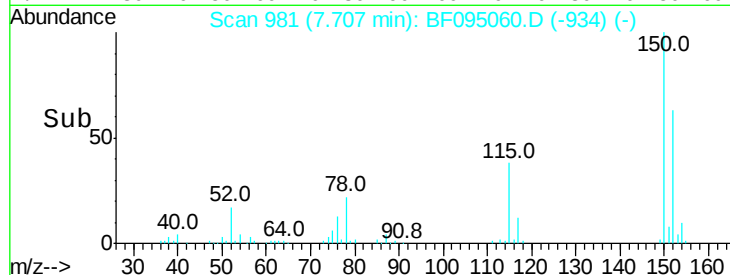
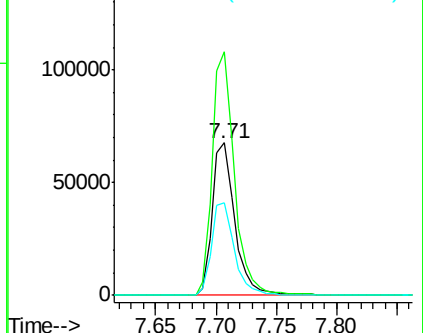
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095060.D
Acq: 10 May 2017 17:26

Instrument :
BNA_F
ClientSampleId :
VL-WWTP-002

Tot Ion:152 Resp: 86808
Ion Ratio Lower Upper
152 100
150 159.8 126.2 189.2
115 60.7 52.2 78.2



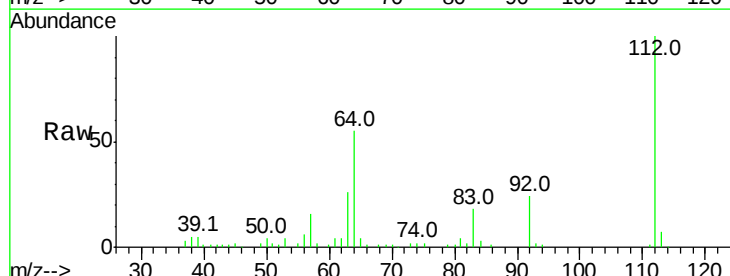
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



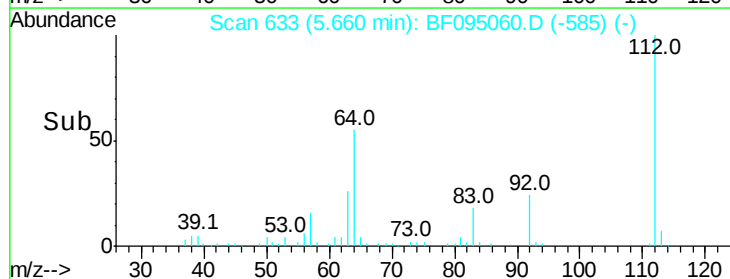
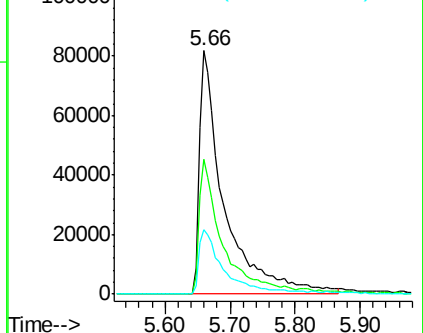
#5

2-Fluorophenol
Concen: 41.25 ng
RT: 5.66 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF095060.D
Acq: 10 May 2017 17:26

Tgt Ion:112 Resp: 214789
Ion Ratio Lower Upper
112 100
64 55.5 46.0 69.0
63 26.3 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: 25.00 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF095060.D

Acq: 10 May 2017 17:26

Instrument :

BNA_F

ClientSampleId :

VL-WWTP-002

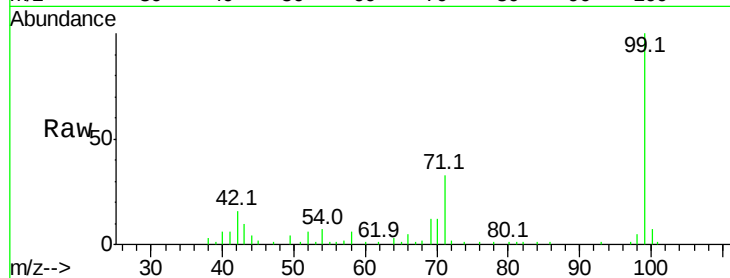
Tot Ion: 99 Resp: 156195

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

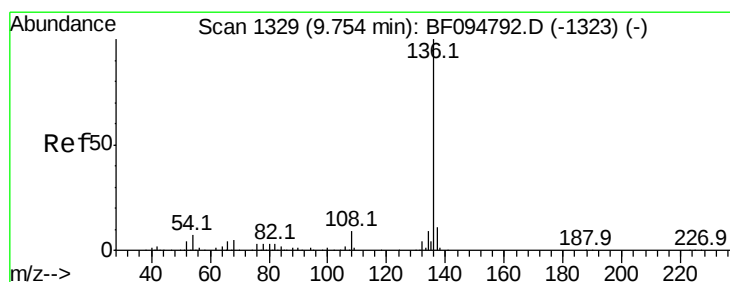
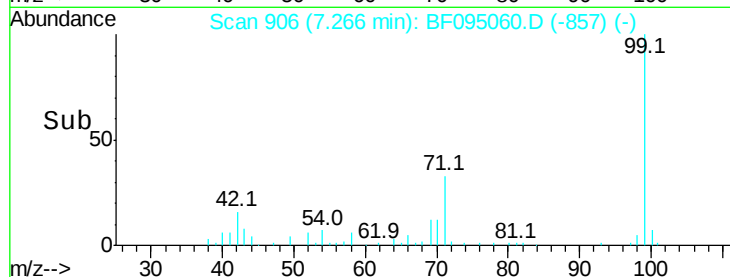
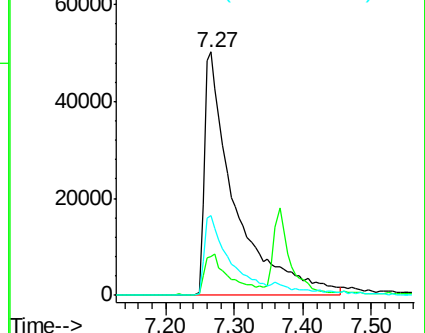
71 32.6 24.5 36.7



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: 20.00 ng

RT: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095060.D

Acq: 10 May 2017 17:26

Tgt Ion: 136 Resp: 313379

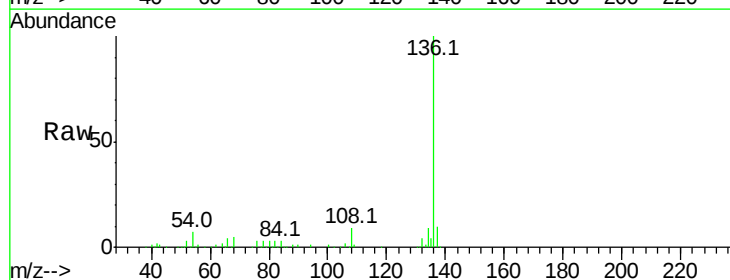
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.9 4.9 7.3

68 4.9 4.1 6.1

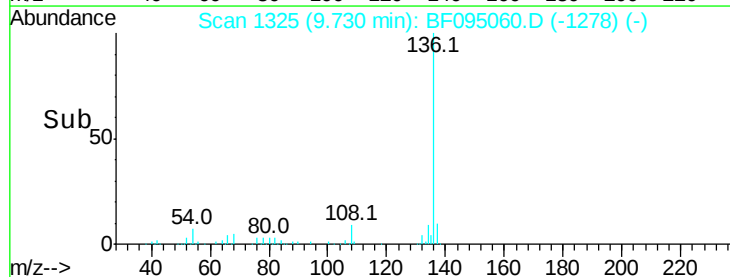
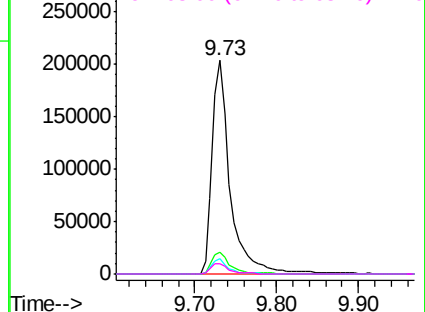


Abundance Ion 136.00 (135.70 to 136.70): E

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

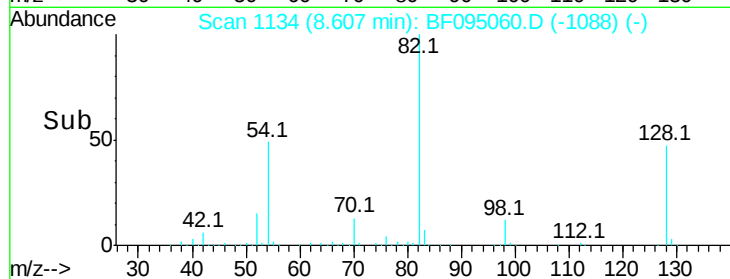
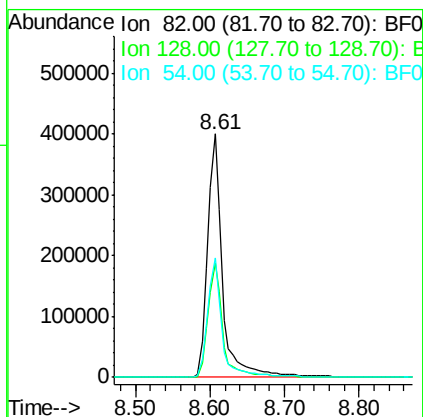
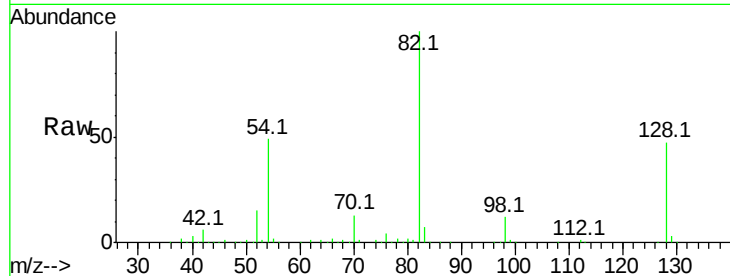




#23
Nitrobenzene-d5
Concen: 112.91 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.03 min
Lab File: BF095060.D
Acq: 10 May 2017 17:26

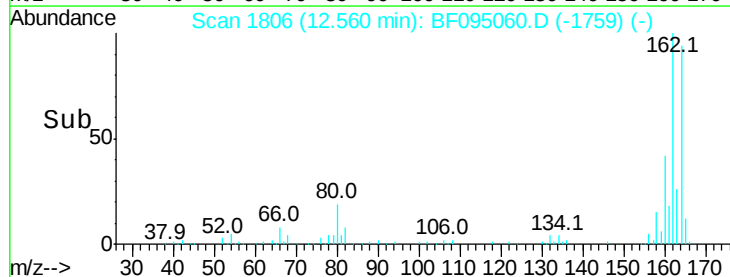
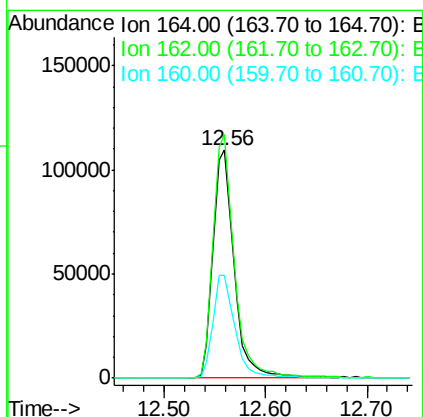
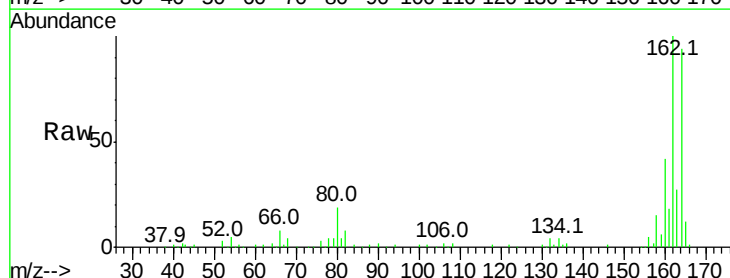
Instrument :
BNA_F
ClientSampleId :
VL-WWTP-002

Tot Ion: 82 Resp: 561108
Ion Ratio Lower Upper
82 100
128 46.9 34.0 51.0
54 49.1 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF095060.D
Acq: 10 May 2017 17:26

Tgt Ion:164 Resp: 160398
Ion Ratio Lower Upper
164 100
162 106.7 82.6 123.8
160 45.0 36.2 54.2

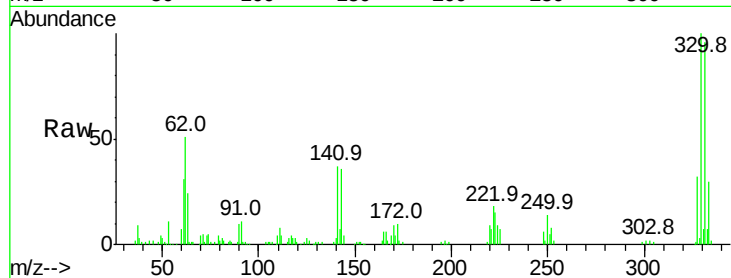




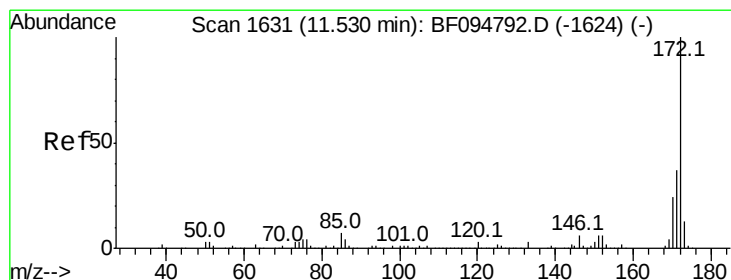
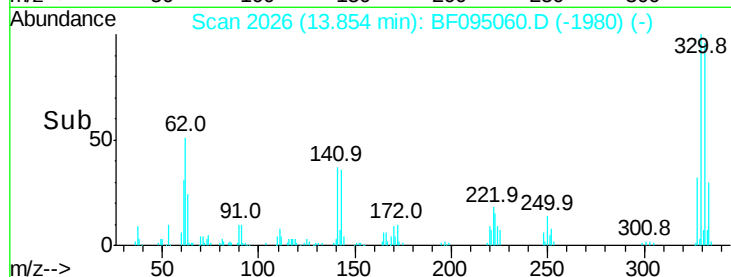
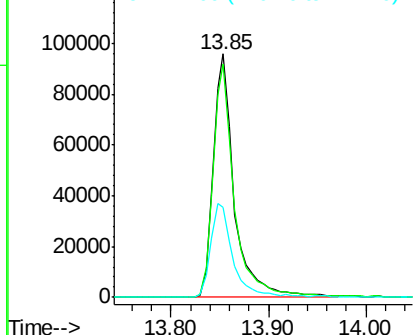
#41
 2,4,6-Tribromophenol
 Concen: 108.92 ng
 RT: 13.85 min Scan# 2026
 Delta R.T. -0.03 min
 Lab File: BF095060.D
 Acq: 10 May 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 VL-WWTP-002

Tot Ion:330 Resp: 143080
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 41.0 31.4 47.2

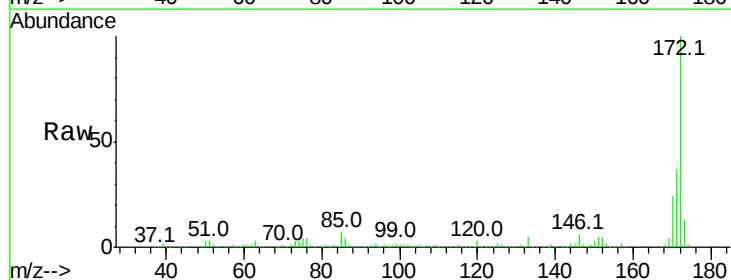


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

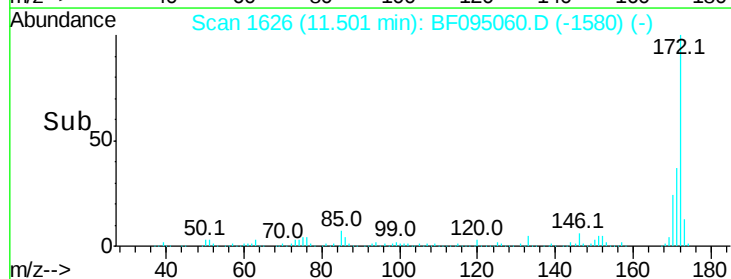
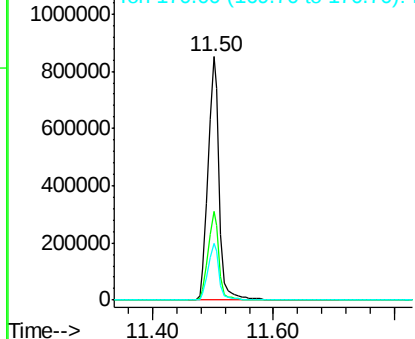


#44
 2-Fluorobiphenyl
 Concen: 99.76 ng
 RT: 11.50 min Scan# 1626
 Delta R.T. -0.03 min
 Lab File: BF095060.D
 Acq: 10 May 2017 17:26

Tgt Ion:172 Resp: 1111658
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 23.5 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: 5.28 ng

RT: 12.20 min Scan# 1745

Delta R.T. -0.03 min

Lab File: BF095060.D

Acq: 10 May 2017 17:26

Instrument :

BNA_F

ClientSampleId :

VL-WWTP-002

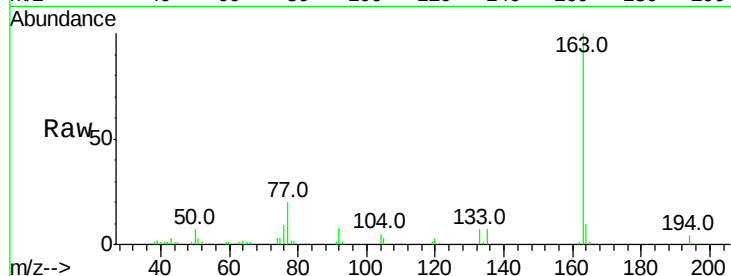
Tot Ion:163 Resp: 69564

Ion Ratio Lower Upper

163 100

194 4.1 2.6 4.0#

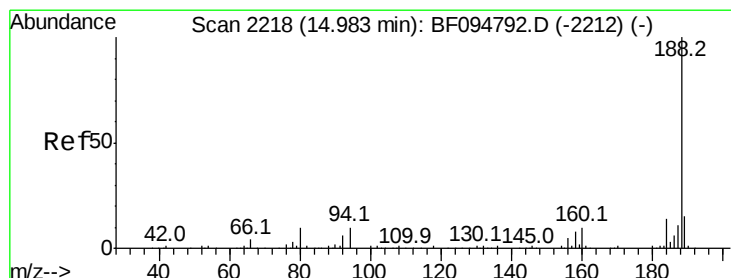
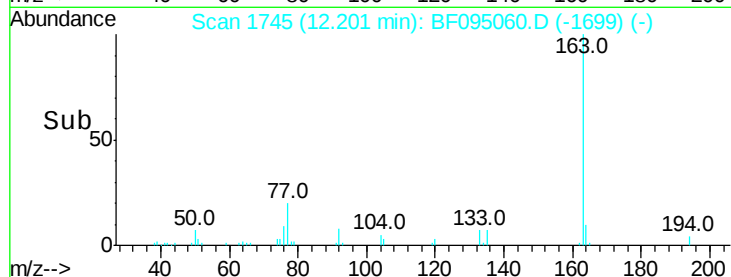
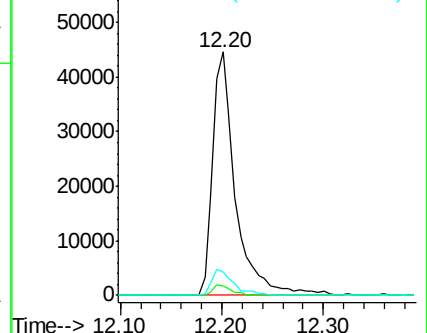
164 9.8 8.4 12.6



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: 20.00 ng

RT: 14.96 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BF095060.D

Acq: 10 May 2017 17:26

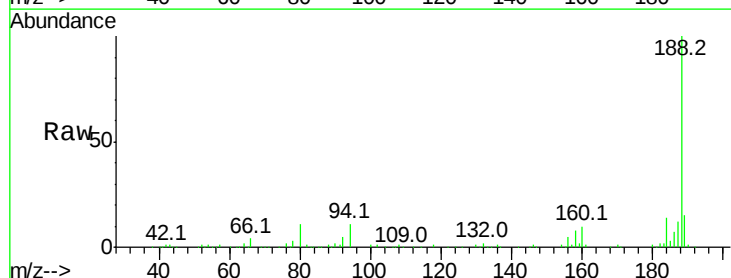
Tgt Ion:188 Resp: 307438

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

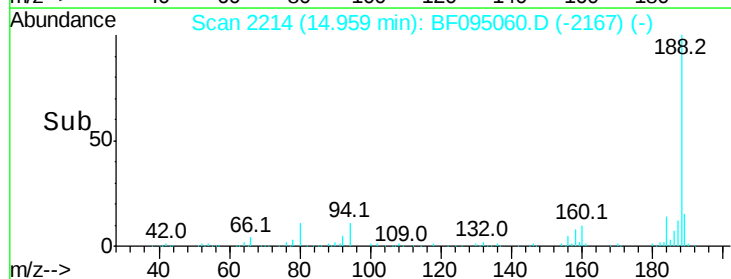
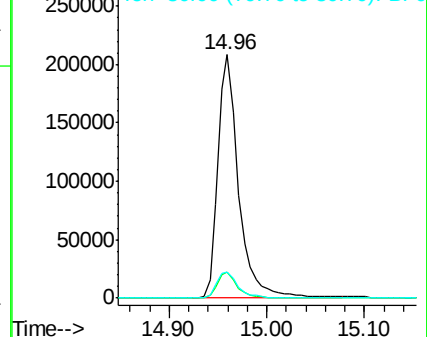
80 10.6 10.2 15.2

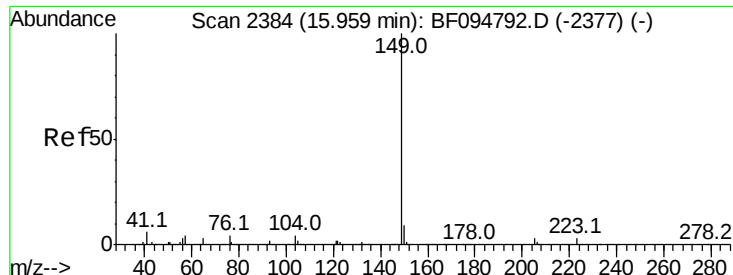


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

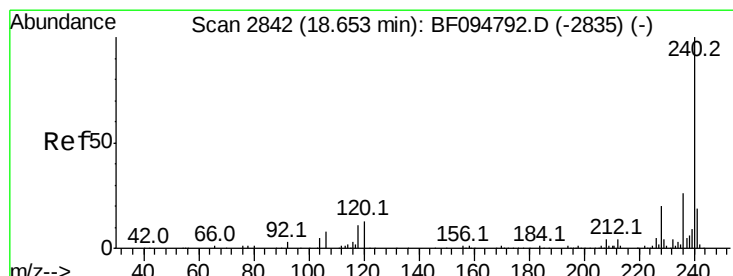
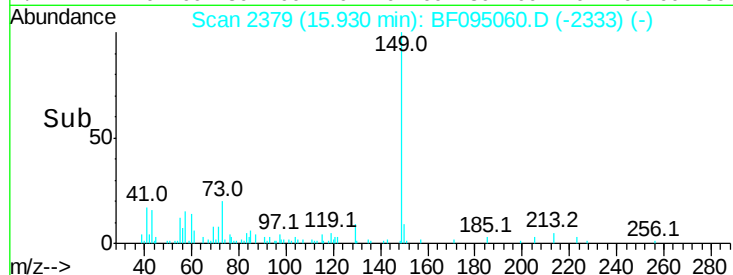
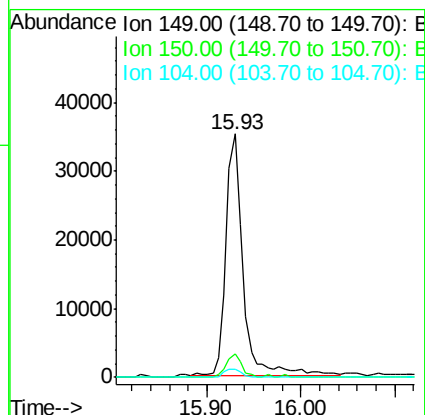
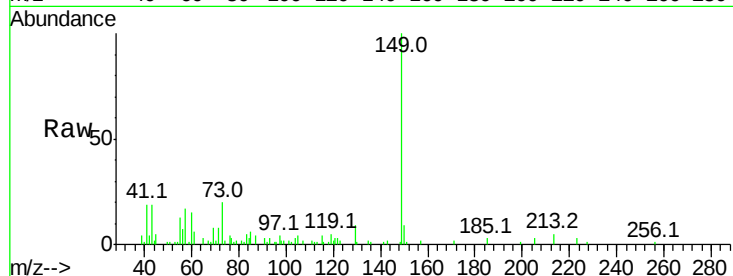




#73
Di-n-butylphthalate
Concen: 2.18 ng
RT: 15.93 min Scan# 2379
Delta R.T. -0.03 min
Lab File: BF095060.D
Acq: 10 May 2017 17:26

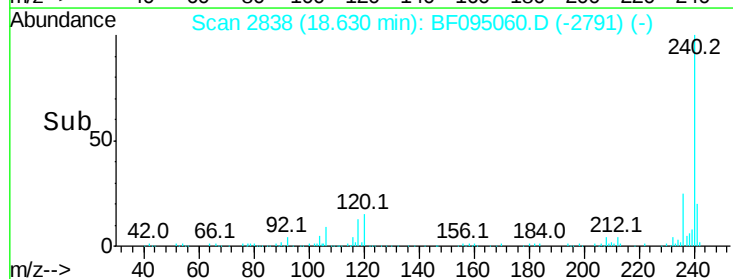
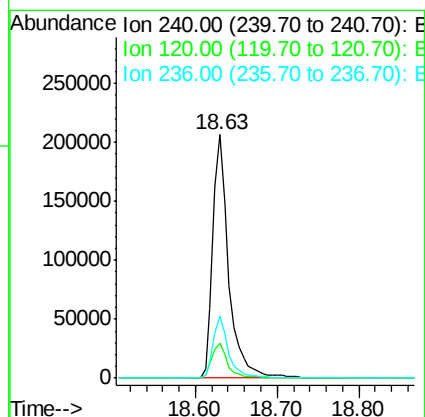
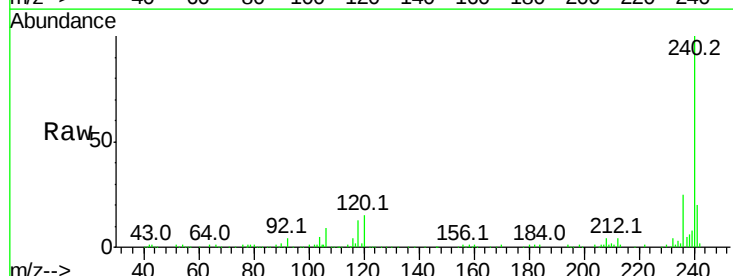
Instrument :
BNA_F
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VL-WWTP-002

Tot Ion:149 Resp: 44582
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 3.4 4.0 6.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF095060.D
Acq: 10 May 2017 17:26

Tgt Ion:240 Resp: 280462
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 25.2 20.5 30.7

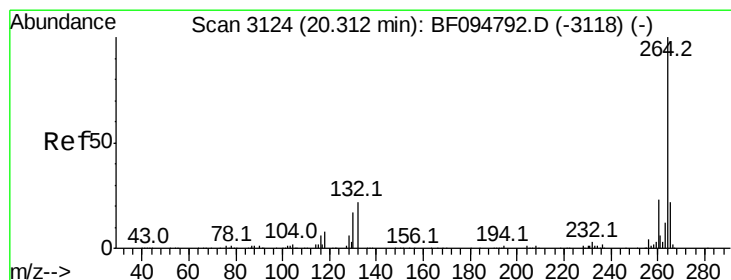
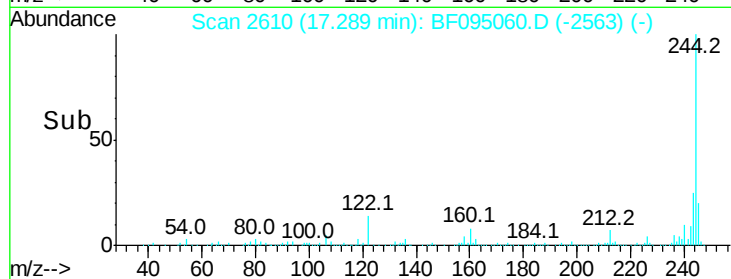
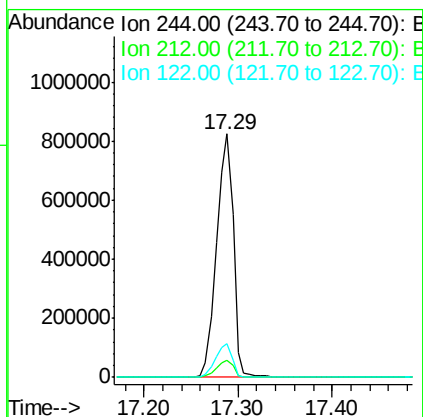
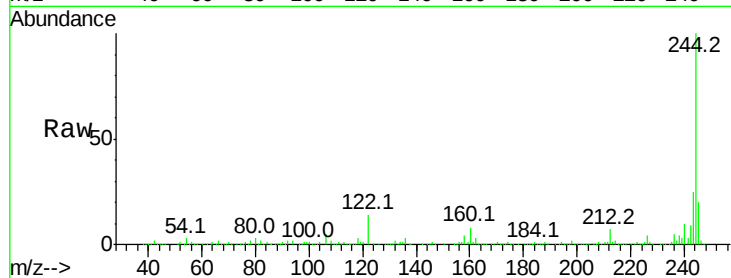




#78
 Terphenyl-d14
 Concen: 81.21 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF095060.D
 Acq: 10 May 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 VL-WWTP-002

Tot Ion:244 Resp: 1034026
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF095060.D
 Acq: 10 May 2017 17:26

Tgt Ion:264 Resp: 189753
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.2 17.2 25.8

