

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
 Data File : BF095552.D
 Acq On : 31 May 2017 00:09
 Operator : SJ/MA
 Sample : I3239-01 50X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATER-A

Quant Time: May 31 04:54:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	75580	20.00	ng	0.02
21) Naphthalene-d8	9.78	136	265132	20.00	ng	0.02
38) Acenaphthene-d10	12.61	164	122403	20.00	ng	0.01
63) Phenanthrene-d10	15.01	188	185046	20.00	ng	0.01
75) Chrysene-d12	18.68	240	189795	20.00	ng	0.00
86) Perylene-d12	20.36	264	130849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	8.94	82	117	0.03	ng	0.29
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	11.59	172	4478	0.53	ng	0.05
78) Terphenyl-d14	17.34	244	3395	0.39	ng	0.01

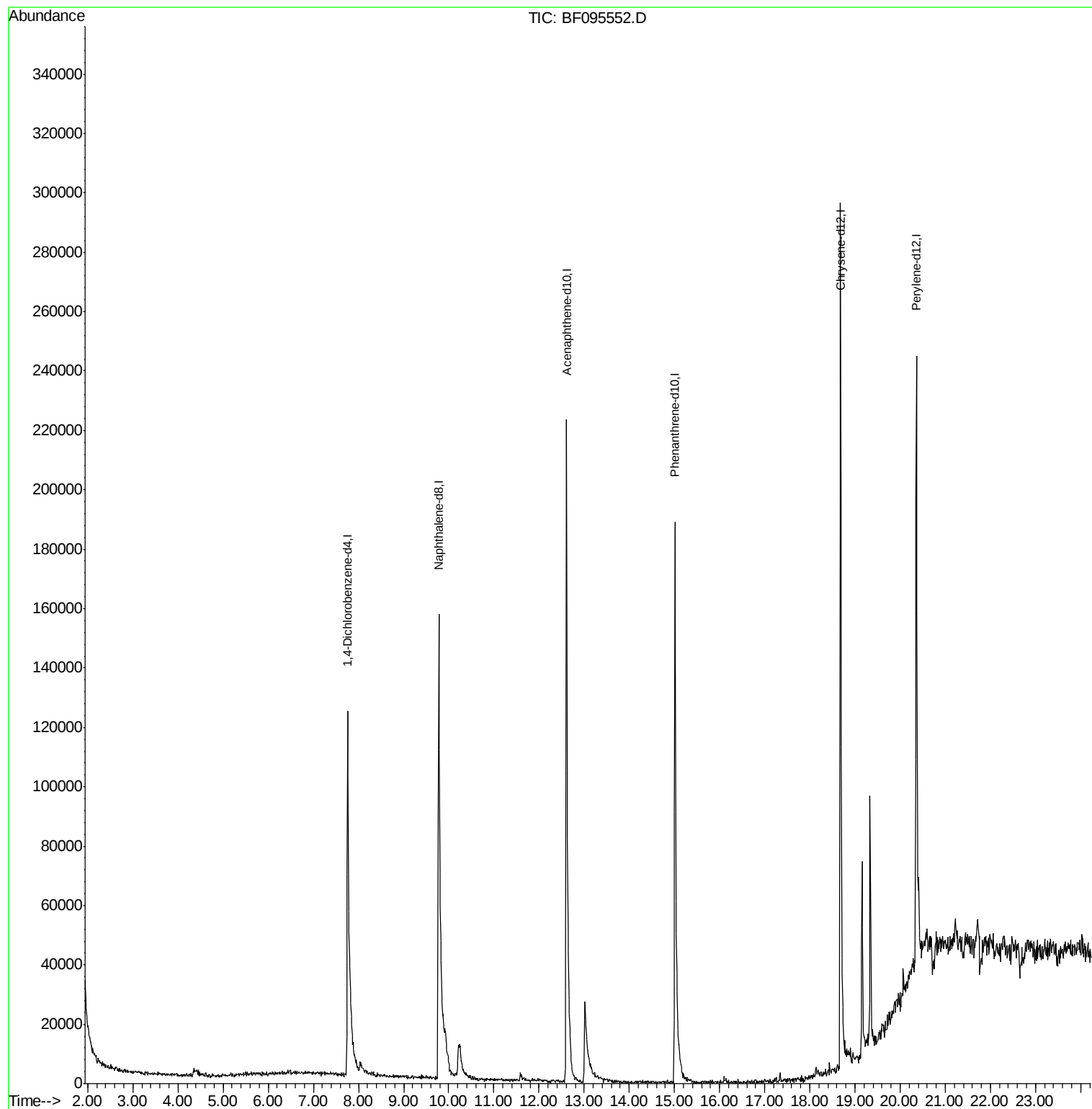
Target Compounds	Qvalue
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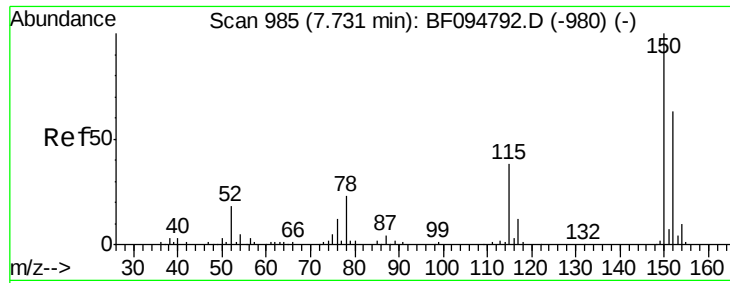
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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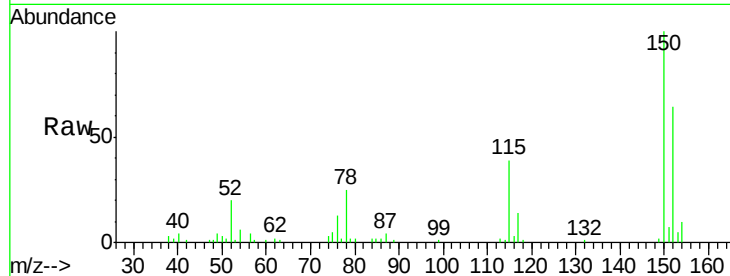


#1

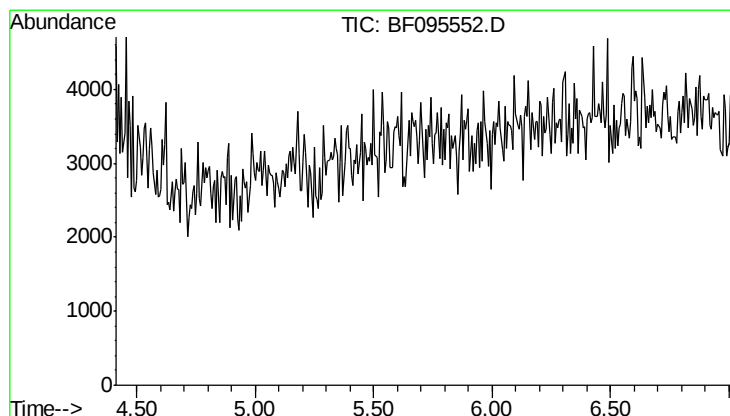
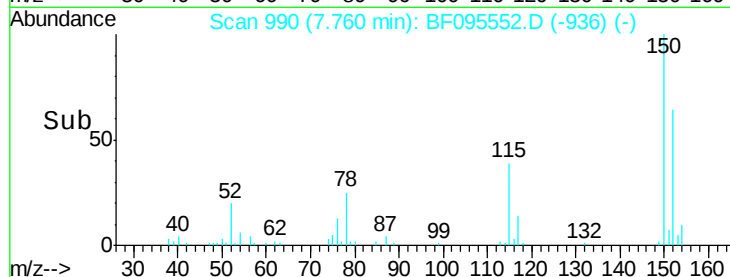
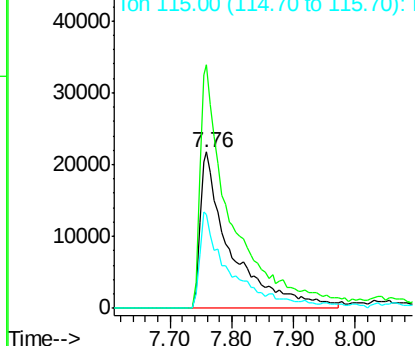
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. 0.02 min
Lab File: BF095552.D
Acq: 31 May 2017 00:09

Instrument :
BNA_F
ClientSampleId :
PURGE-WATER-A

Tgt Ion:152 Resp: 75580
Ion Ratio Lower Upper
152 100
150 155.9 126.2 189.2
115 60.4 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

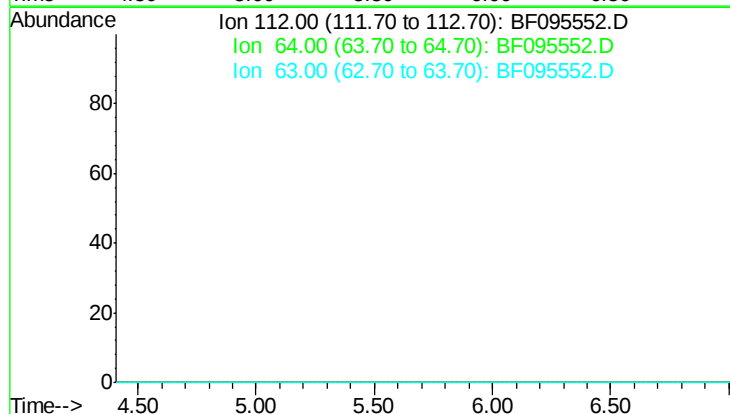


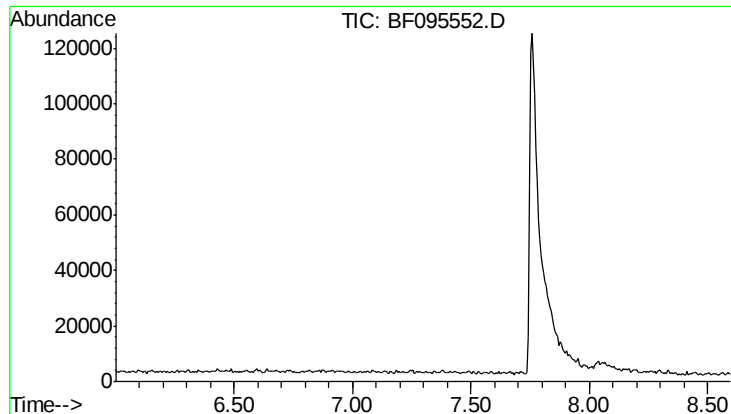
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.71 min

Lab File: BF095552.D
Acq: 31 May 2017 00:09

Tgt Ion: 112
Sig Exp Ratio
112 100
64 57.5
63 29.2

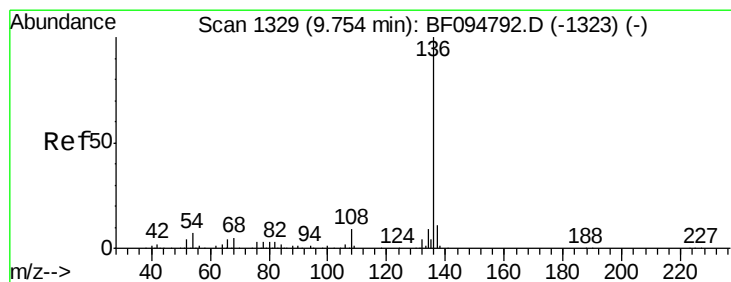
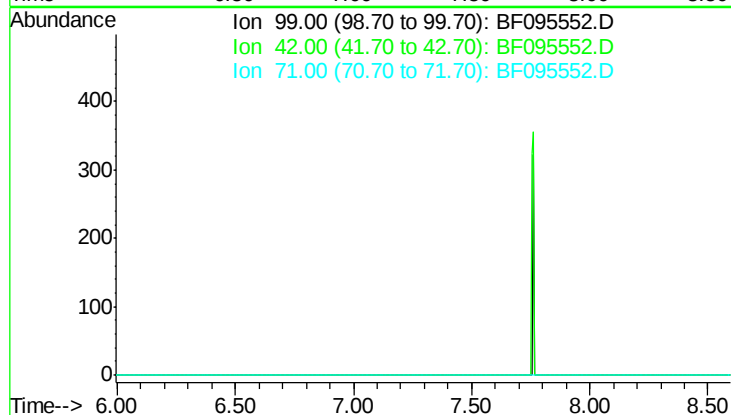




#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 7.30 min
 Lab File: BF095552.D
 Acq: 31 May 2017 00:09

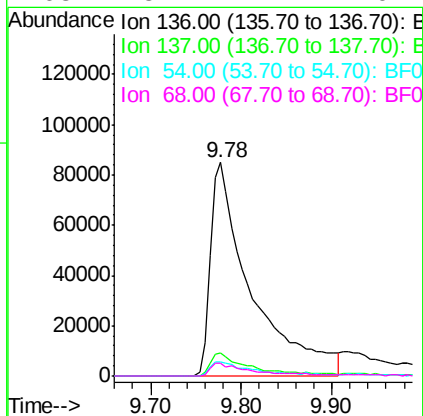
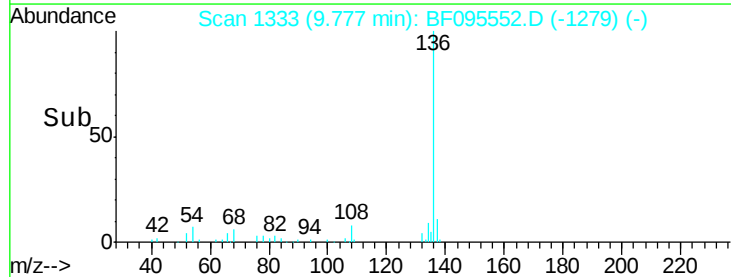
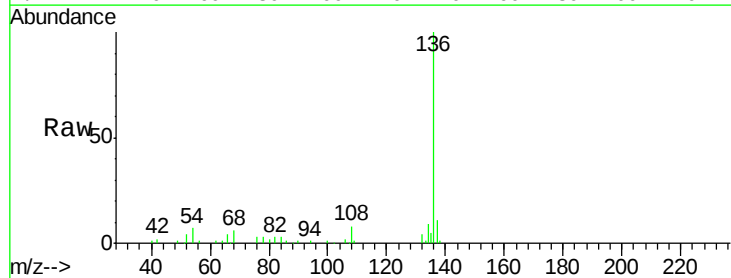
Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATER-A

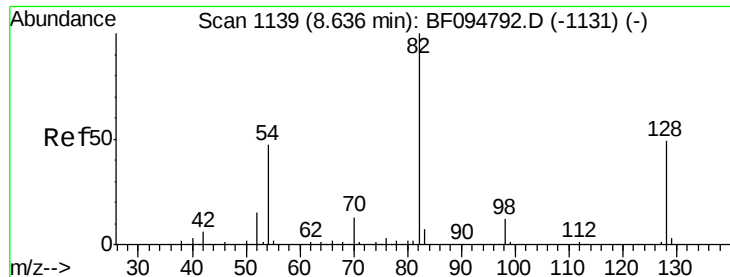
Tgt Ion: 99
 Sig Exp Ratio
 99 100
 42 16.9
 71 30.6



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 9.78 min Scan# 1333
 Delta R.T. 0.02 min
 Lab File: BF095552.D
 Acq: 31 May 2017 00:09

Tgt Ion: 136 Resp: 265132
 Ion Ratio Lower Upper
 136 100
 137 10.7 8.5 12.7
 54 6.8 4.9 7.3
 68 5.7 4.1 6.1

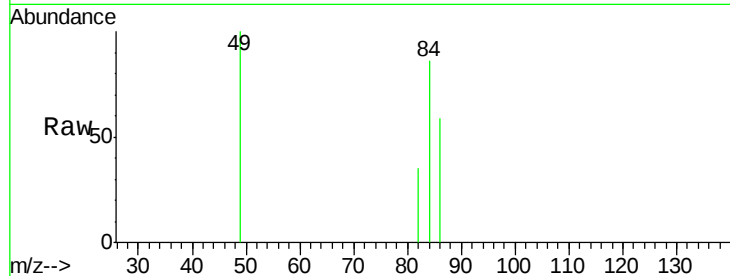




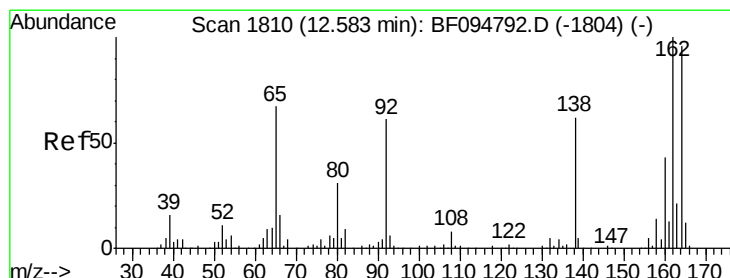
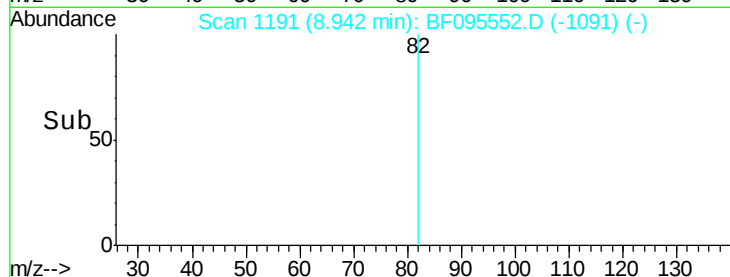
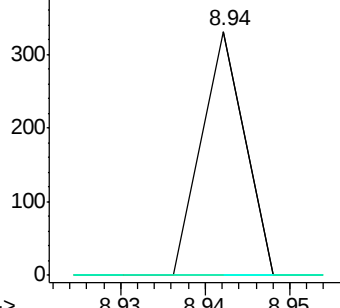
#23
Nitrobenzene-d5
Concen: 0.03 ng
RT: 8.94 min Scan# 1191
Delta R.T. 0.29 min
Lab File: BF095552.D
Acq: 31 May 2017 00:09

Instrument :
BNA_F
ClientSampleId :
PURGE-WATER-A

Tgt Ion: 82 Resp: 117
Ion Ratio Lower Upper
82 100
128 0.0 34.0 51.0#
54 0.0 42.2 63.2#

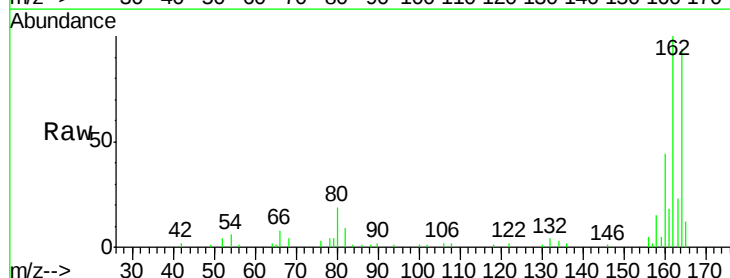


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

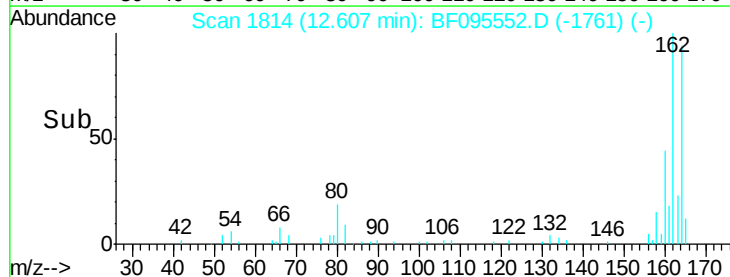
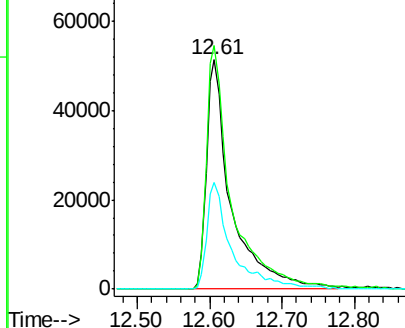


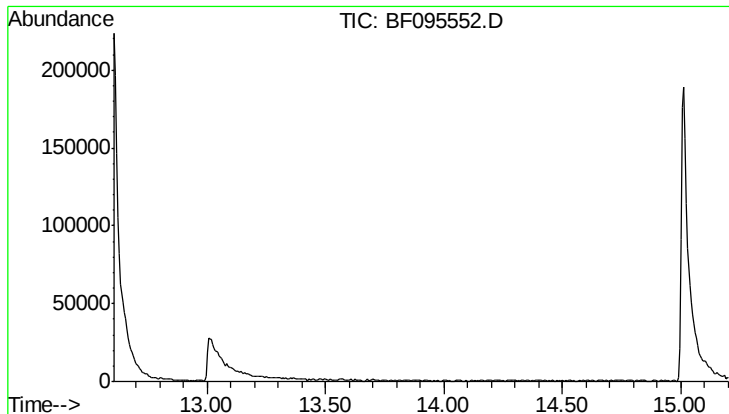
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF095552.D
Acq: 31 May 2017 00:09

Tgt Ion: 164 Resp: 122403
Ion Ratio Lower Upper
164 100
162 106.1 82.6 123.8
160 46.3 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

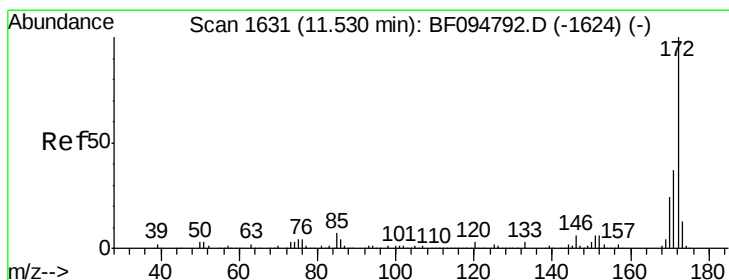
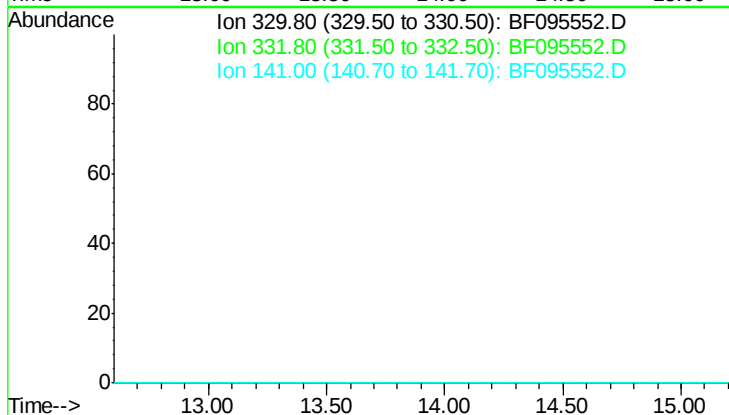




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 13.90 min
 Lab File: BF095552.D
 Acq: 31 May 2017 00:09

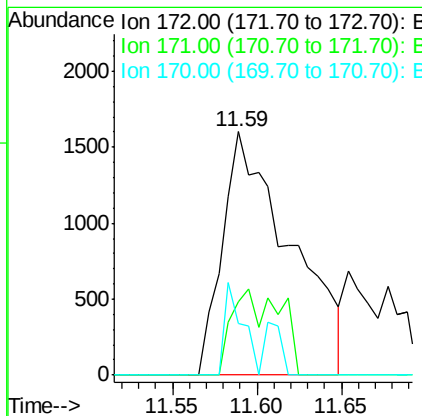
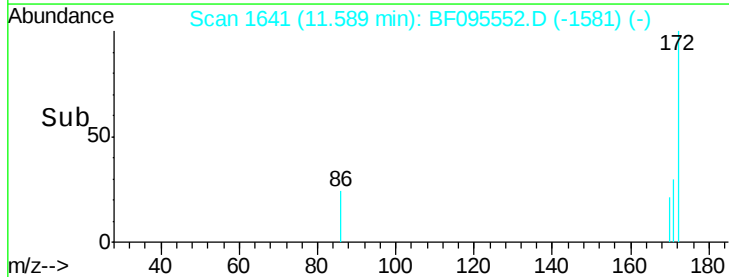
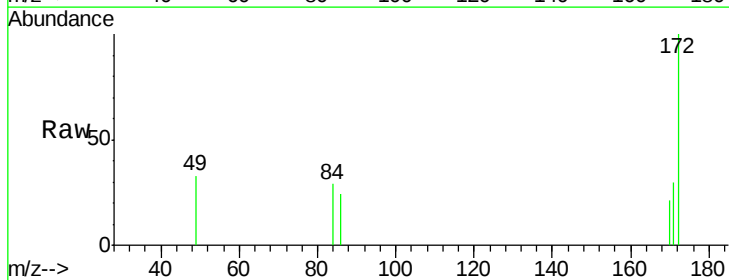
Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATER-A

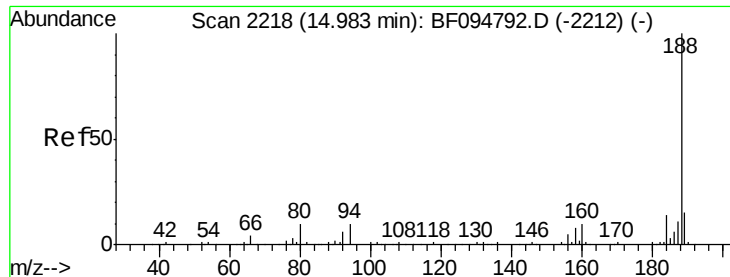
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 95.8
 141 39.3



#44
 2-Fluorobiphenyl
 Concen: 0.53 ng
 RT: 11.59 min Scan# 1641
 Delta R.T. 0.05 min
 Lab File: BF095552.D
 Acq: 31 May 2017 00:09

Tgt Ion: 172 Resp: 4478
 Ion Ratio Lower Upper
 172 100
 171 30.1 29.6 44.4
 170 21.4 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 2223

Delta R.T. 0.01 min

Lab File: BF095552.D

Acq: 31 May 2017 00:09

Instrument :

BNA_F

ClientSampleId :

PURGE-WATER-A

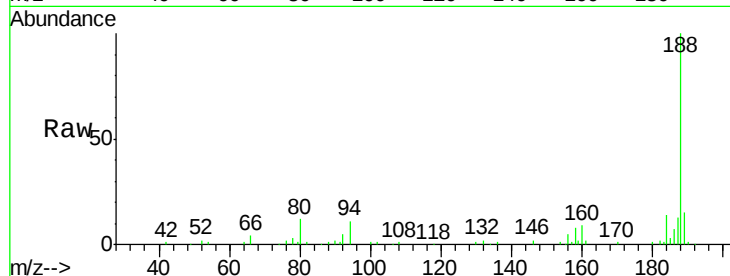
Tgt Ion:188 Resp: 185046

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

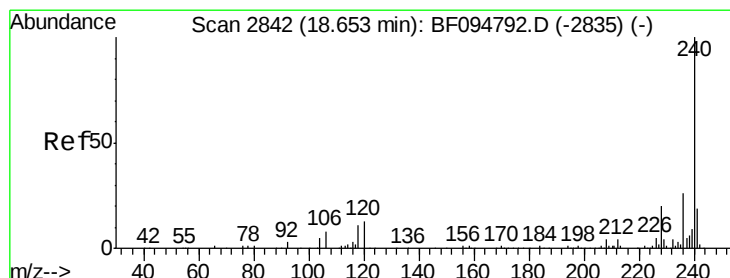
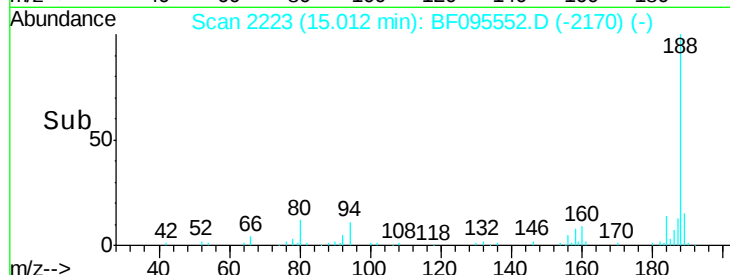
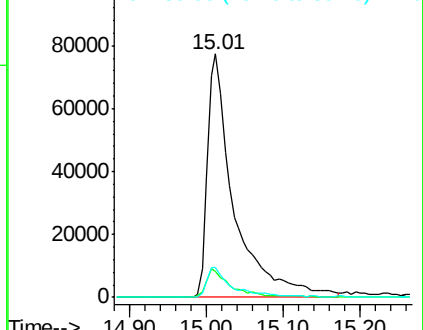
80 12.4 10.2 15.2



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: 20.00 ng

RT: 18.68 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BF095552.D

Acq: 31 May 2017 00:09

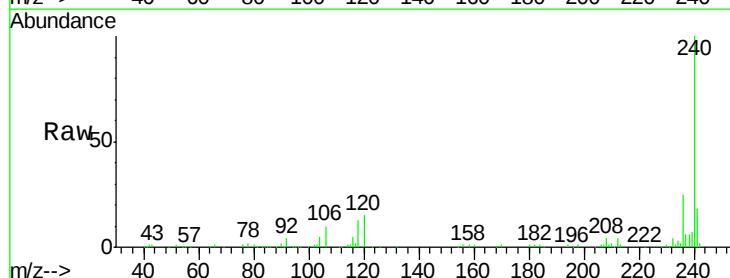
Tgt Ion:240 Resp: 189795

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

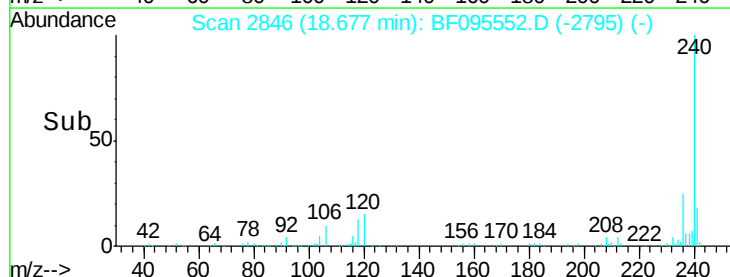
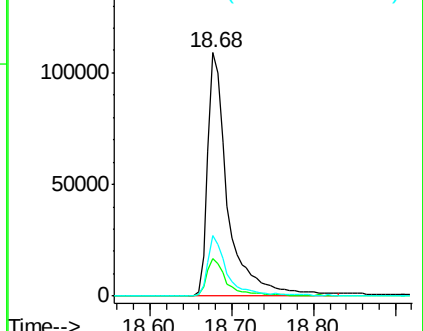
236 25.0 20.5 30.7



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: 0.39 ng

RT: 17.34 min Scan# 2618

Delta R.T. 0.01 min

Lab File: BF095552.D

Acq: 31 May 2017 00:09

Instrument :

BNA_F

ClientSampleId :

PURGE-WATER-A

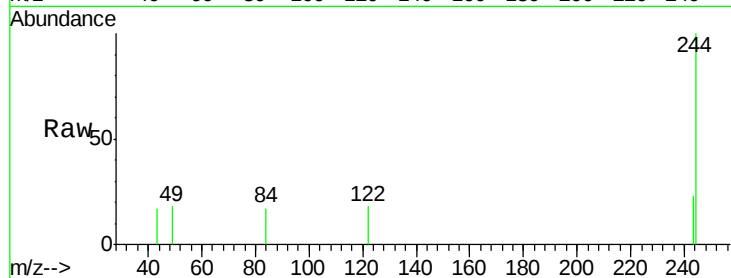
Tgt Ion:244 Resp: 3395

Ion Ratio Lower Upper

244 100

212 0.0 6.0 9.0#

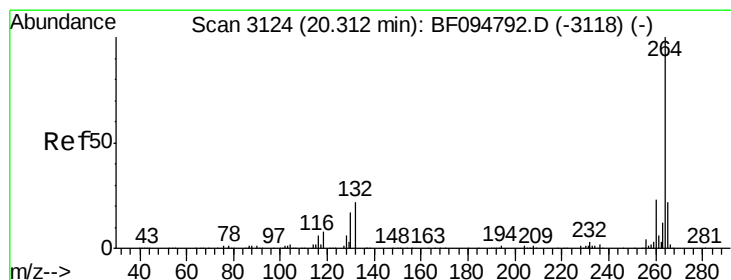
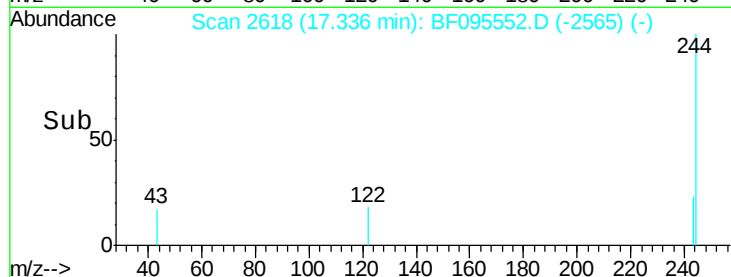
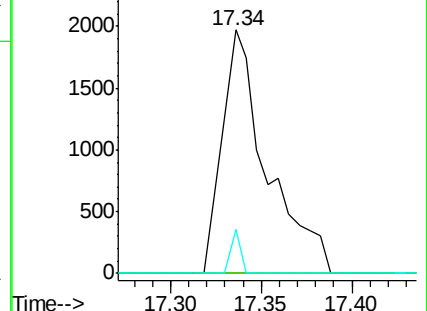
122 17.9 10.3 15.5#



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: 20.00 ng

RT: 20.36 min Scan# 3132

Delta R.T. 0.01 min

Lab File: BF095552.D

Acq: 31 May 2017 00:09

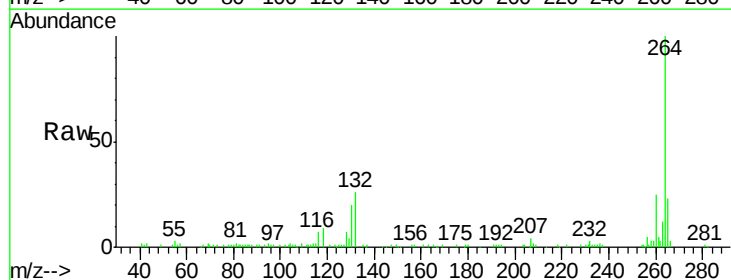
Tgt Ion:264 Resp: 130849

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 22.6 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

