

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108354.D
 Acq On : 21 Aug 2018 22:58
 Operator : JU/SJ
 Sample : J4545-01 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-BASELINE-WATER

Quant Time: Aug 22 00:52:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 15:20:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	172647	20.00	ng	-0.01
21) Naphthalene-d8	8.29	136	649789	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	273026	20.00	ng	-0.01
63) Phenanthrene-d10	11.55	188	402189	20.00	ng	0.00
75) Chrysene-d12	14.20	240	341134	20.00	ng	-0.02
86) Perylene-d12	15.76	264	340451	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	3298	0.35	ng	0.00
7) Phenol-d6	6.62	99	3678	0.29	ng	-0.01
23) Nitrobenzene-d5	7.56	82	8757	0.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	2198	0.81	ng	-0.02
44) 2-Fluorobiphenyl	9.36	172	18426	1.08	ng	-0.02
78) Terphenyl-d14	13.13	244	12414	0.93	ng	-0.02

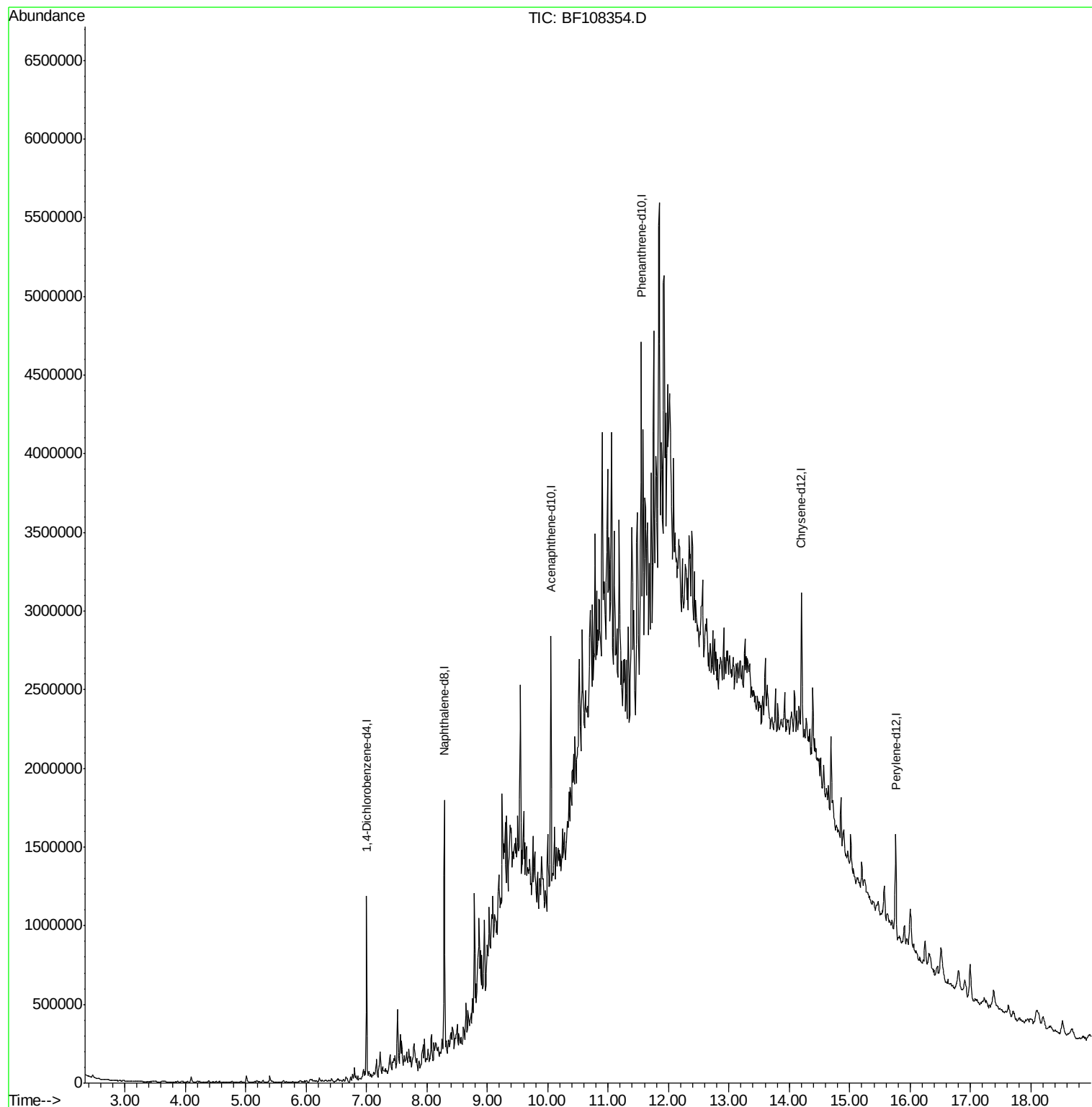
Target Compounds Qvalue

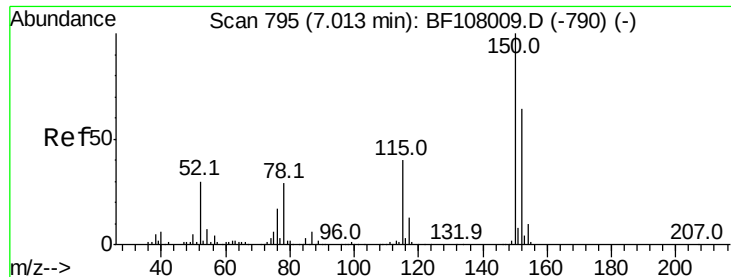
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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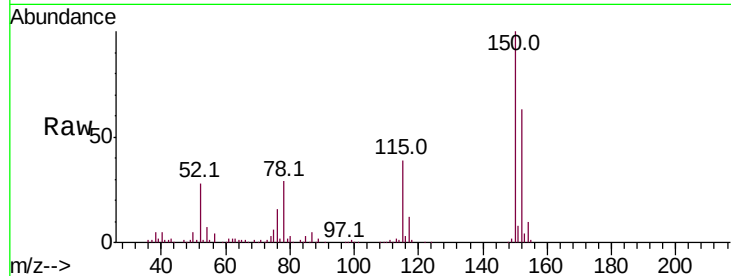


#1

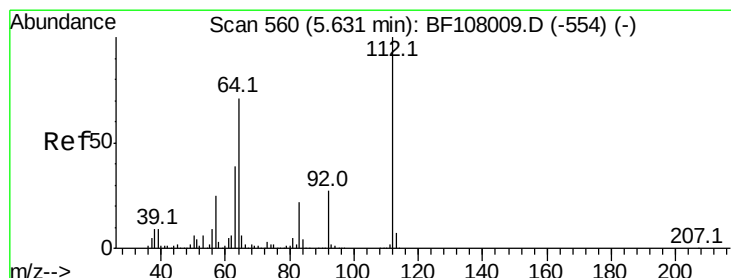
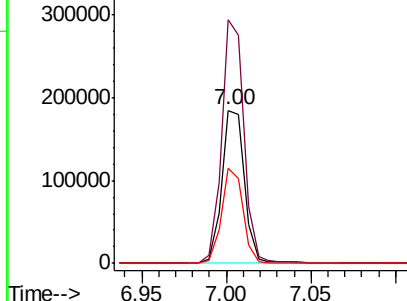
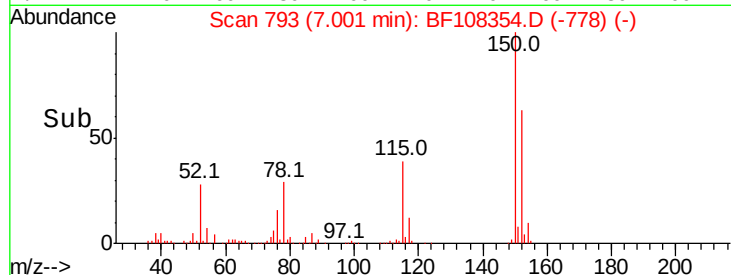
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108354.D
Acq: 21 Aug 2018 22:58

Instrument :
BNA_F
ClientSampleId :
RB-BASELINE-WATER

Tot Ion:152 Resp: 172647
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 62.3 50.1 75.1



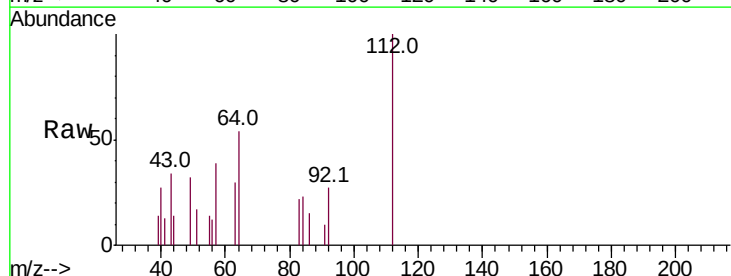
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



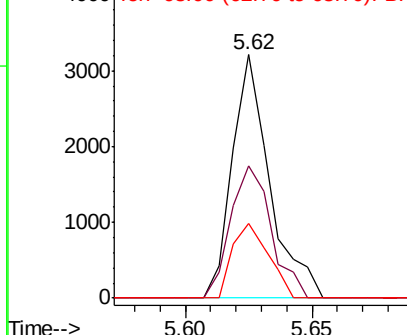
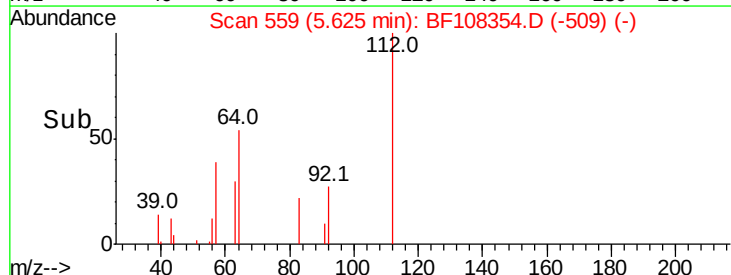
#5

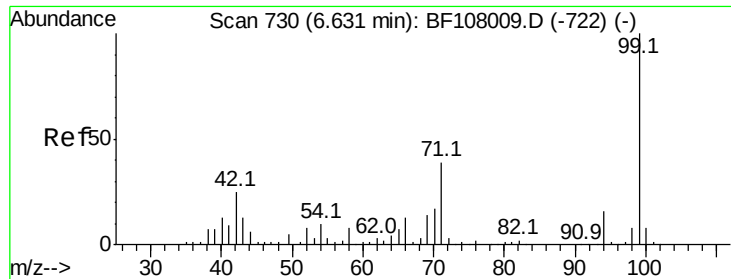
2-Fluorophenol
Concen: 0.346 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108354.D
Acq: 21 Aug 2018 22:58

Tgt Ion:112 Resp: 3298
Ion Ratio Lower Upper
112 100
64 54.2 47.9 71.9
63 30.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 0.290 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF108354.D

Acq: 21 Aug 2018 22:58

Instrument :

BNA_F

ClientSampleId :

RB-BASELINE-WATER

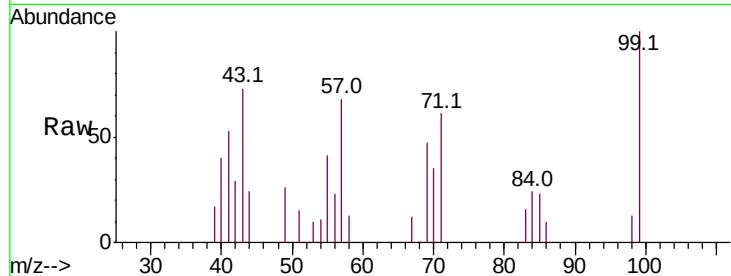
Tot Ion: 99 Resp: 3678

Ion Ratio Lower Upper

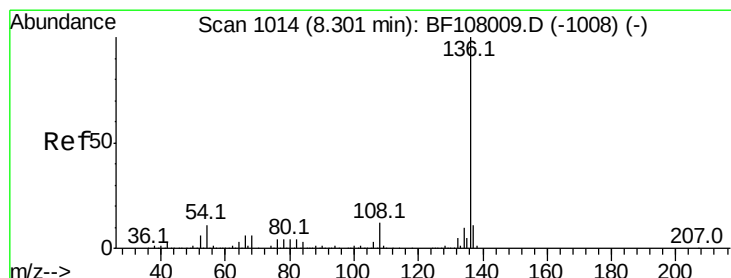
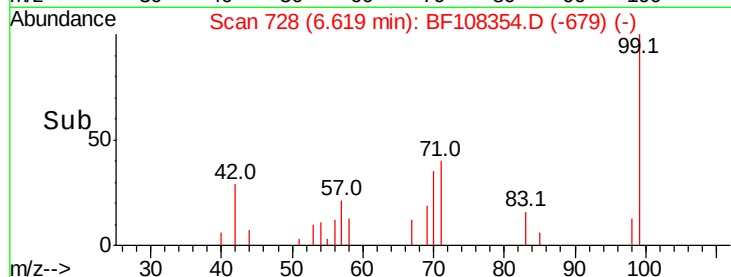
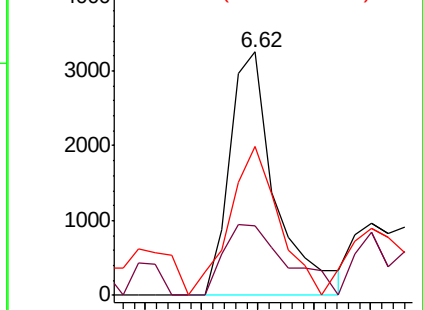
99 100

42 28.8 14.5 21.7#

71 61.2 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.29 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF108354.D

Acq: 21 Aug 2018 22:58

Tgt Ion: 136 Resp: 649789

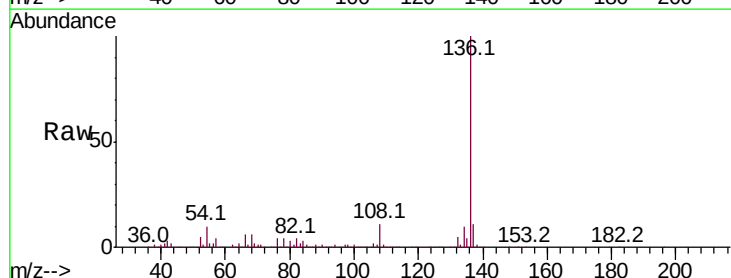
Ion Ratio Lower Upper

136 100

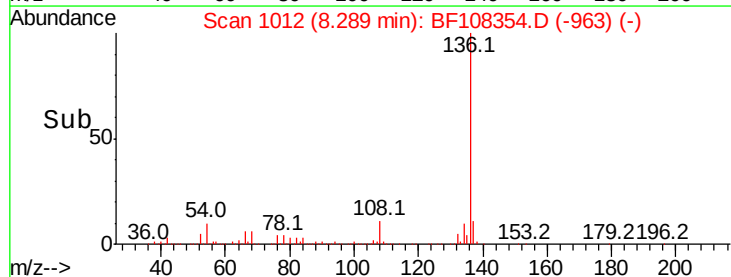
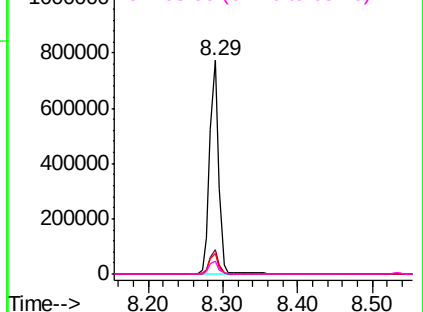
137 11.2 8.9 13.3

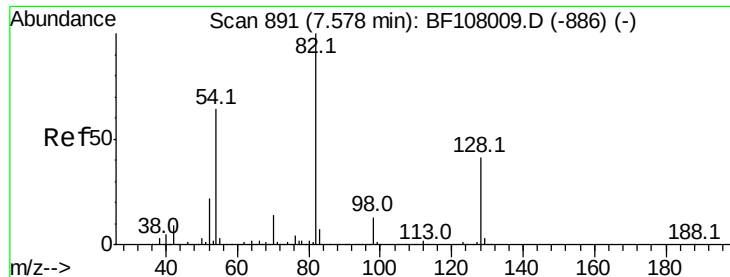
54 9.6 6.6 9.8

68 6.0 5.0 7.4



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

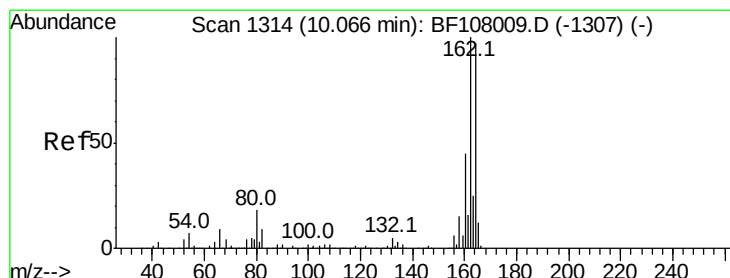
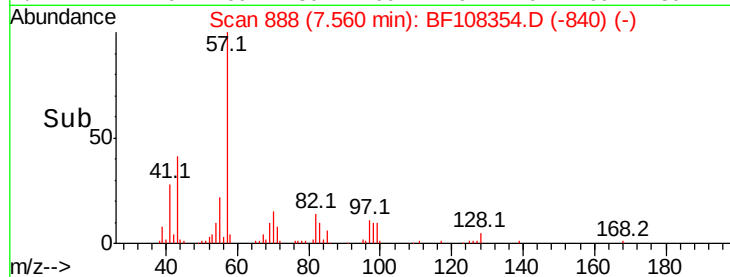
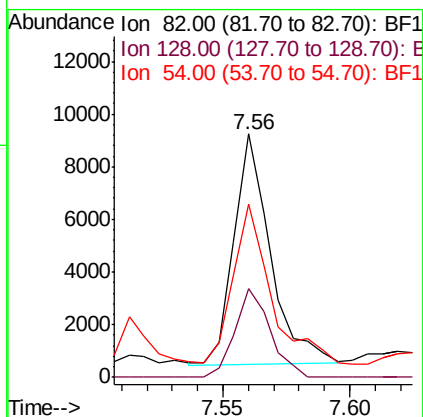
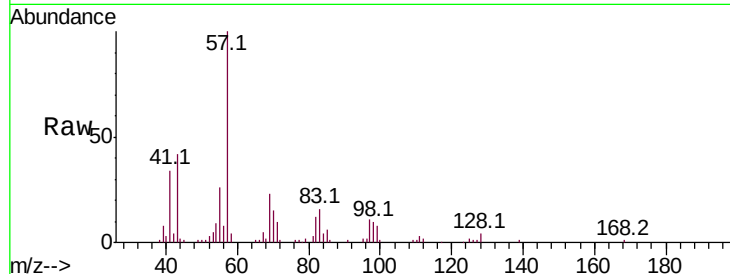




#23
 Nitrobenzene-d5
 Concen: 0.752 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF108354.D
 Acq: 21 Aug 2018 22:58

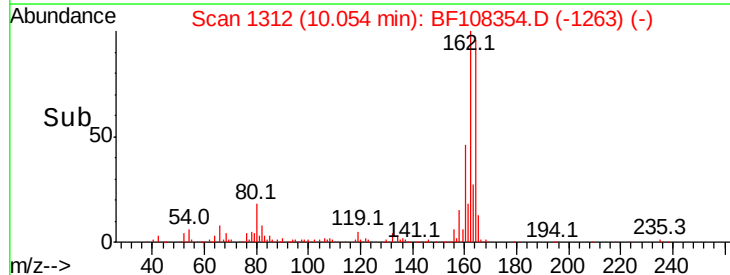
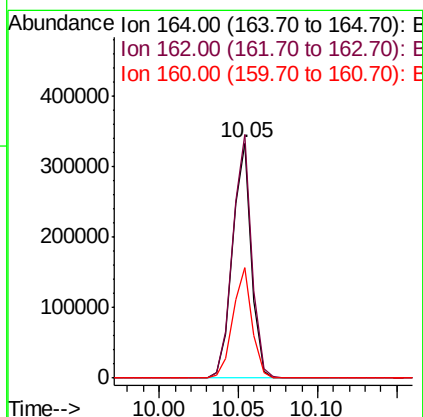
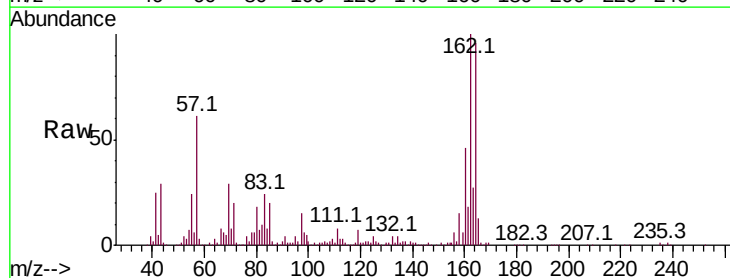
Instrument :
 BNA_F
 ClientSampleId :
 RB-BASELINE-WATER

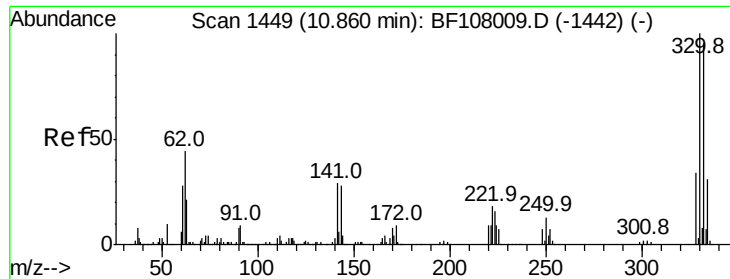
Tot Ion	82	Resp	8757
Ion	Ratio	Lower	Upper
82	100		
128	36.6	36.1	54.1
54	71.1	41.4	62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF108354.D
 Acq: 21 Aug 2018 22:58

Tgt Ion	164	Resp	273026
Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	47.3	38.3	57.5

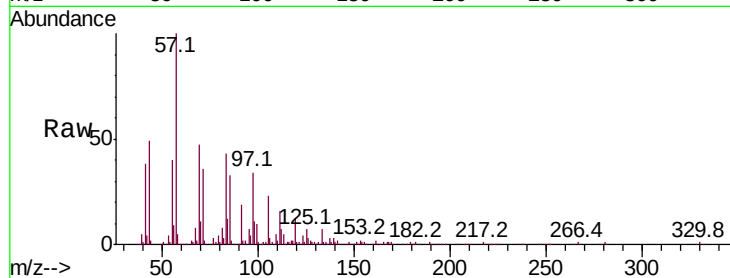




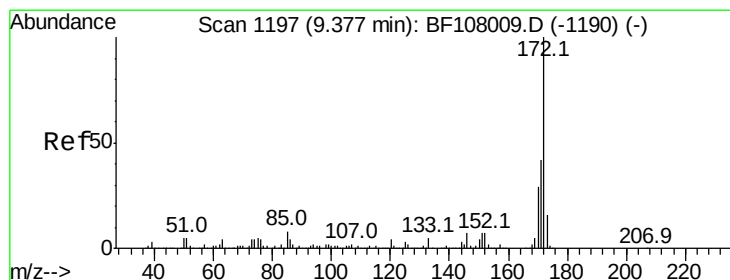
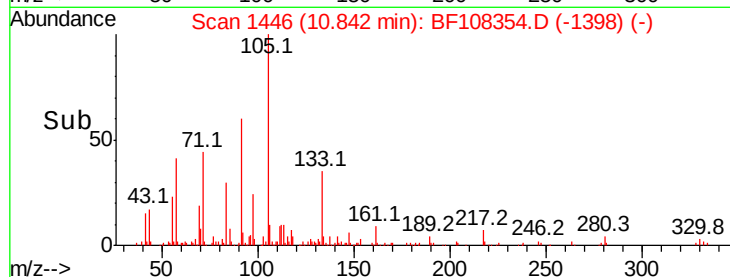
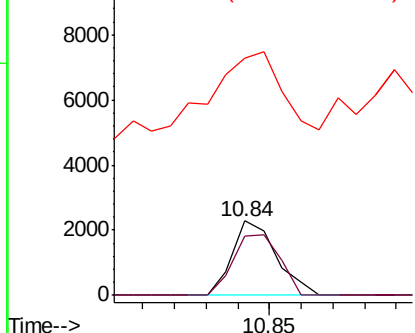
#41
 2,4,6-Tribromophenol
 Concen: 0.807 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF108354.D
 Acq: 21 Aug 2018 22:58

Instrument :
 BNA_F
 ClientSampleId :
 RB-BASELINE-WATER

Tot Ion:330 Resp: 2198
 Ion Ratio Lower Upper
 330 100
 332 85.9 77.0 115.6
 141 162.5 29.9 44.9#

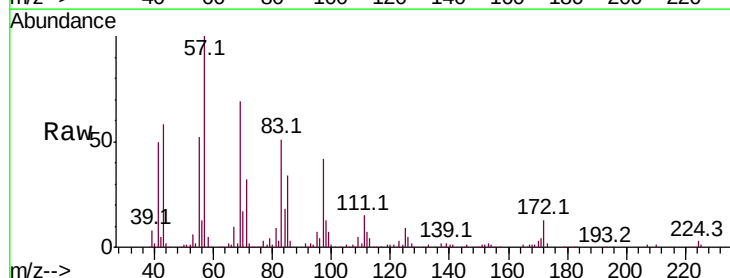


Abundance Ion 329.80 (329.50 to 330.50): E
 10000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

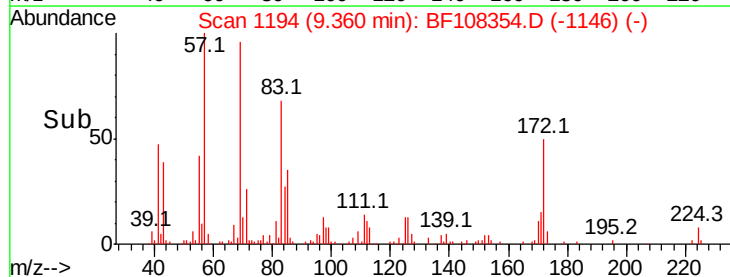
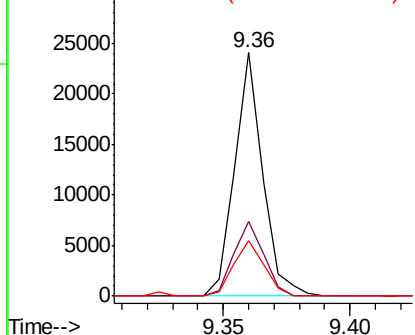


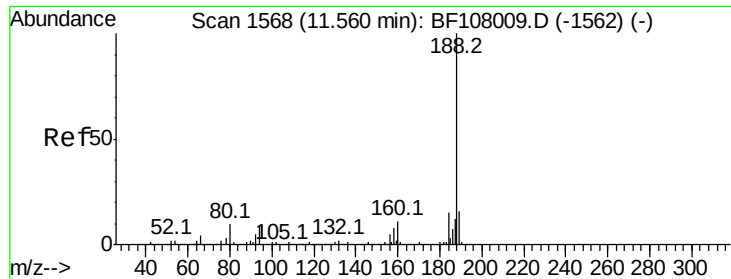
#44
 2-Fluorobiphenyl
 Concen: 1.084 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF108354.D
 Acq: 21 Aug 2018 22:58

Tgt Ion:172 Resp: 18426
 Ion Ratio Lower Upper
 172 100
 171 30.6 29.7 44.5
 170 22.8 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 30000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

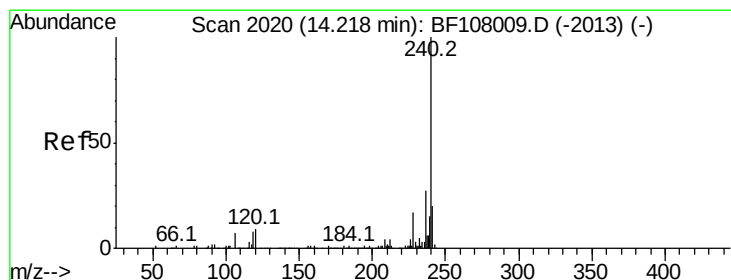
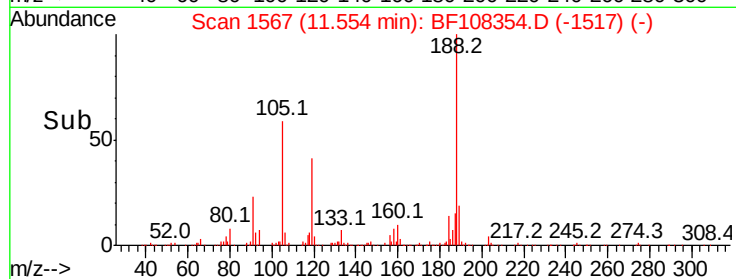
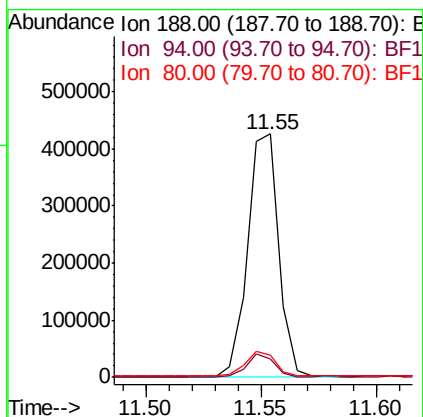
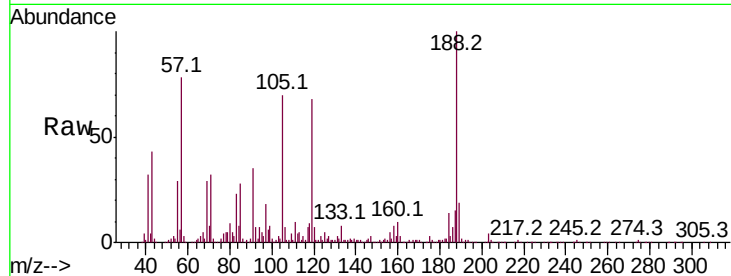




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108354.D
Acq: 21 Aug 2018 22:58

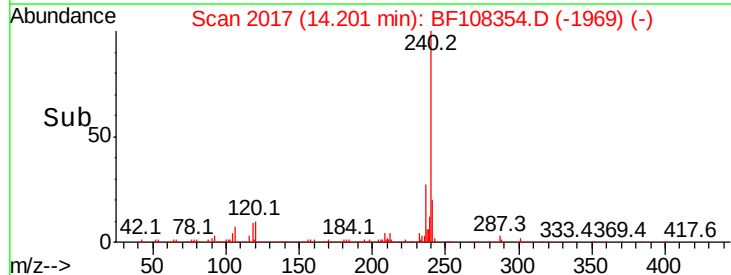
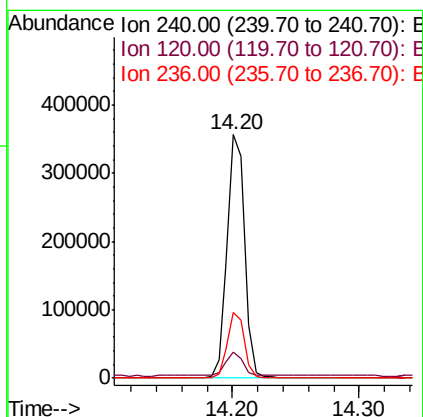
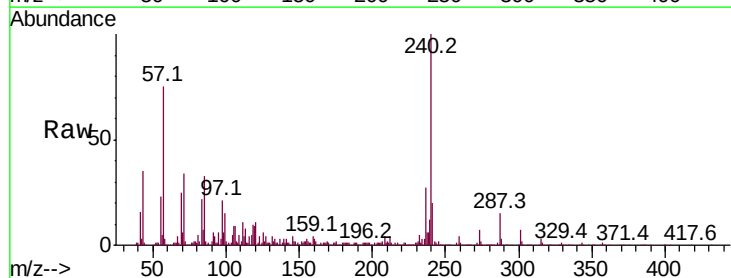
Instrument :
BNA_F
ClientSampleId :
RB-BASELINE-WATER

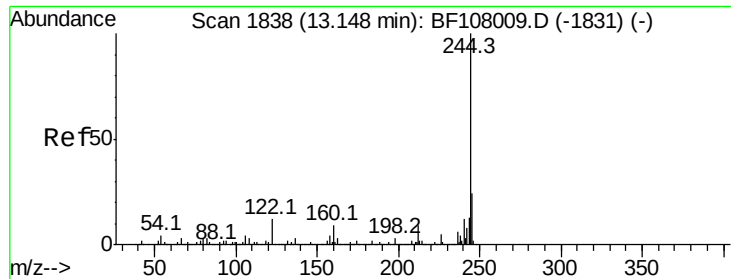
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.5	12.7#
80	9.0	9.2	13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF108354.D
Acq: 21 Aug 2018 22:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.7	20.7	31.1





#78

Terphenyl-d14

Concen: 0.925 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF108354.D

Acq: 21 Aug 2018 22:58

Instrument :

BNA_F

ClientSampleId :

RB-BASELINE-WATER

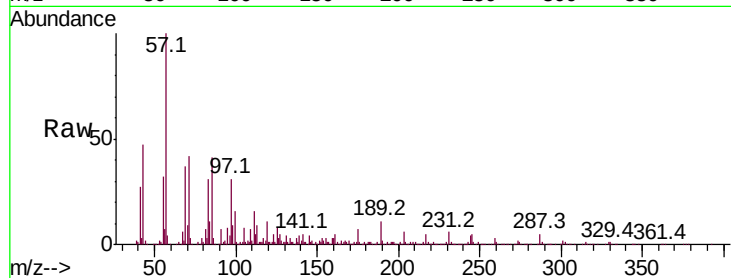
Tot Ion:244 Resp: 12414

Ion Ratio Lower Upper

244 100

212 8.9 5.4 8.0#

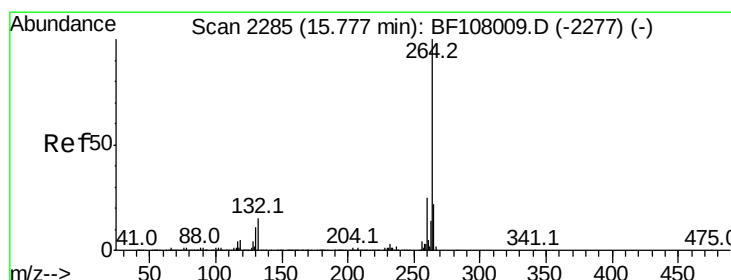
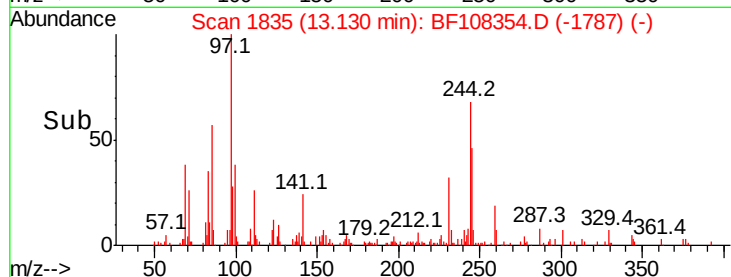
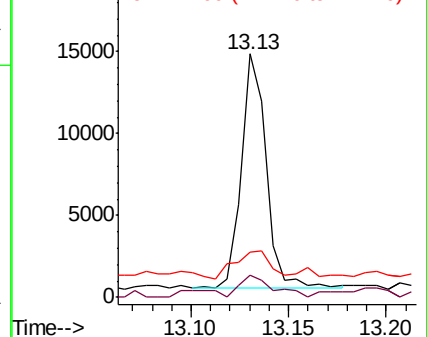
122 18.3 11.0 16.4#



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: 15.76 min Scan# 2282

Delta R.T. -0.02 min

Lab File: BF108354.D

Acq: 21 Aug 2018 22:58

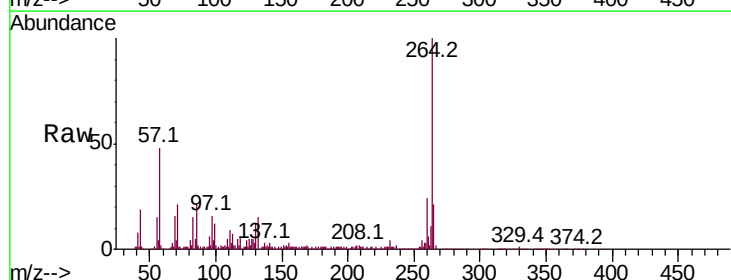
Tgt Ion:264 Resp: 340451

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.2 17.5 26.3



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

