

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098799.D
 Acq On : 25 Sep 2017 22:58
 Operator : SJ/JU
 Sample : I5365-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

Manual Integrations
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Quant Time: Sep 26 10:57:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	131287	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	546772	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	237896	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	255460	20.00	ng	0.00
75) Chrysene-d12	14.12	240	55417m	20.00	ng	0.04
86) Perylene-d12	15.63	264	240470	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	11247	1.36	ng	-0.02
7) Phenol-d6	6.52	99	14812	1.46	ng	-0.02
23) Nitrobenzene-d5	7.47	82	39598	4.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	13329	6.85	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	97748	6.86	ng	-0.02
78) Terphenyl-d14	13.04	244	37123m	15.23	ng	0.01

Target Compounds Qvalue

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

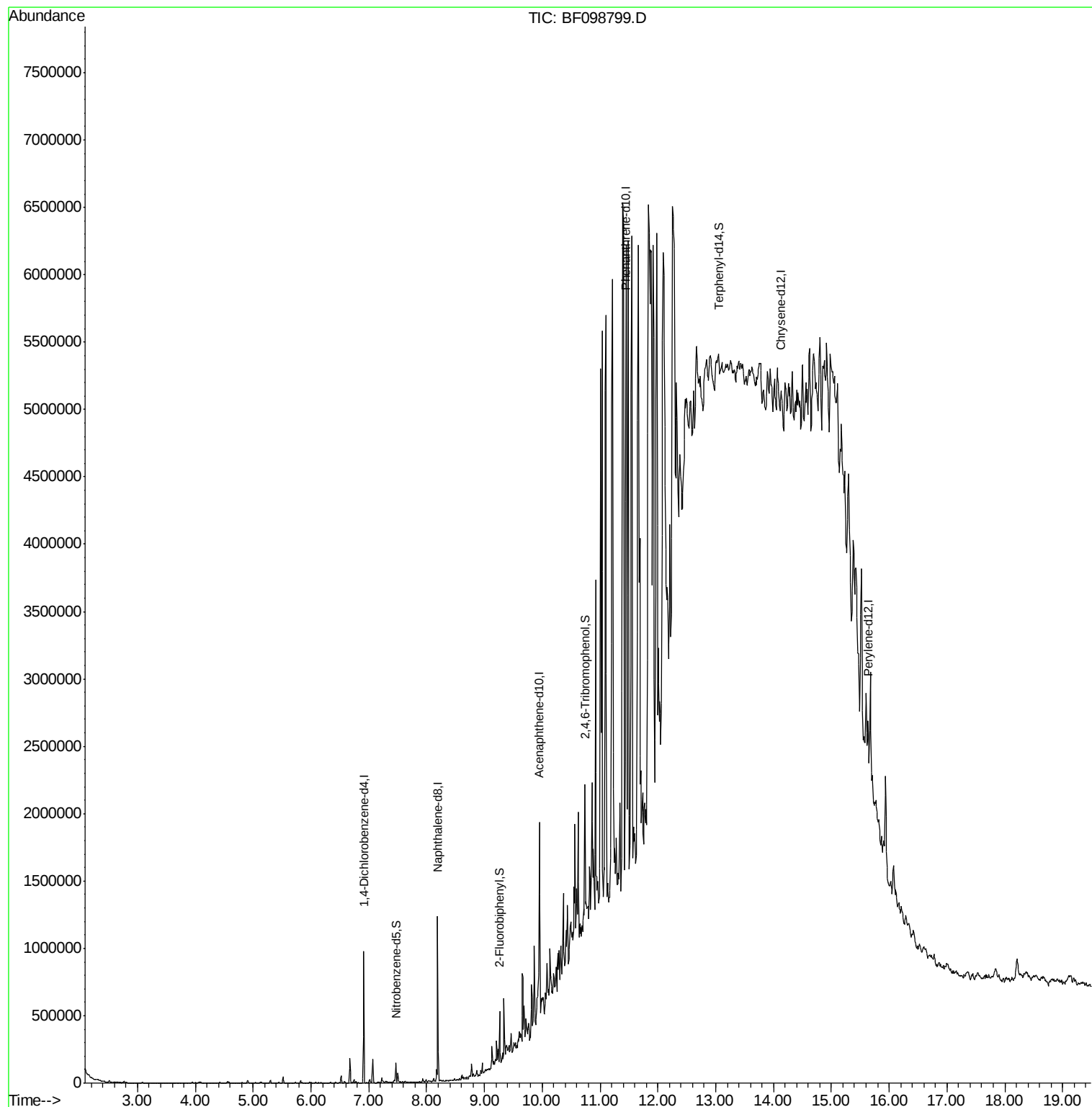
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
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#1

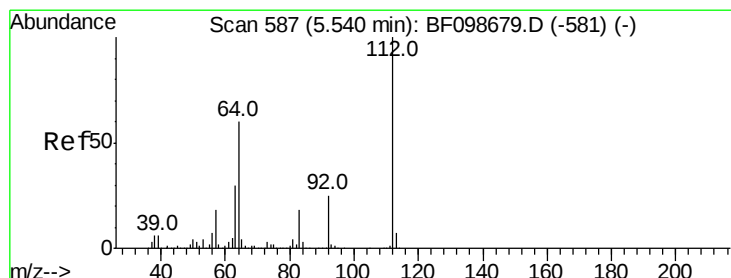
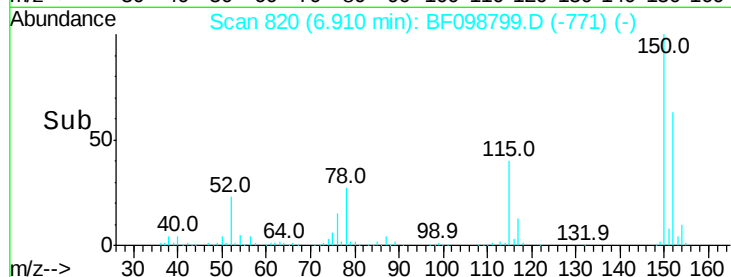
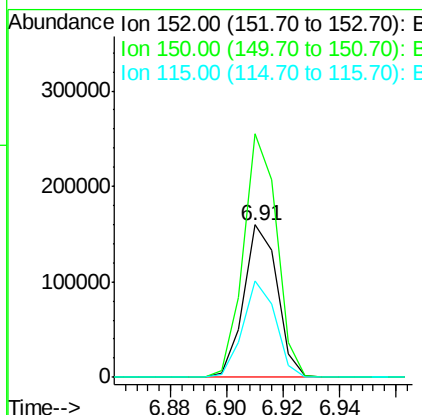
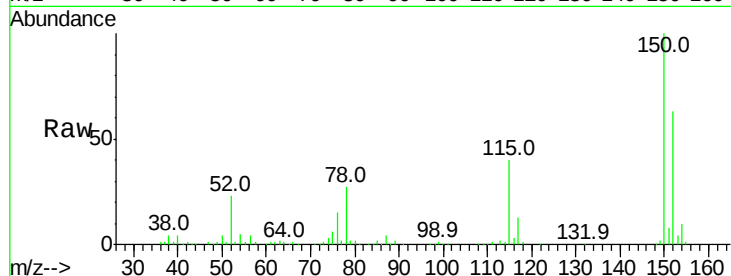
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098799.D
Acq: 25 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	63.2	50.1	75.1

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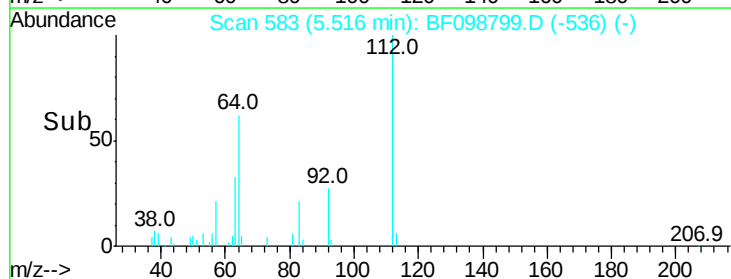
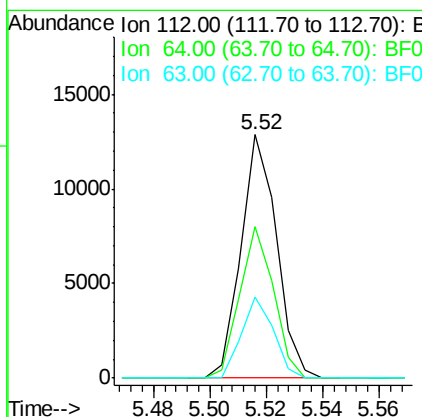
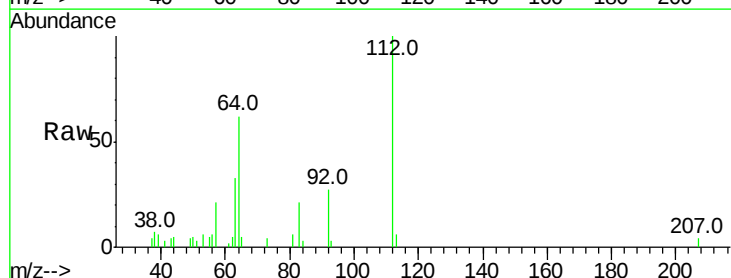
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#5

2-Fluorophenol
Concen: 1.364 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF098799.D
Acq: 25 Sep 2017 22:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	47.9	71.9
63	33.2	23.7	35.5





#7

Phenol-d6

Concen: 1.456 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF098799.D

Acq: 25 Sep 2017 22:58

Instrument :

BNA_F

ClientSampleId :

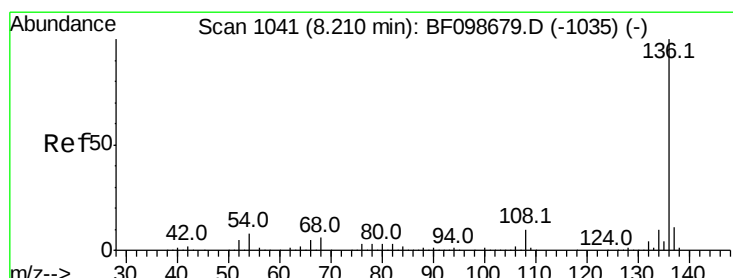
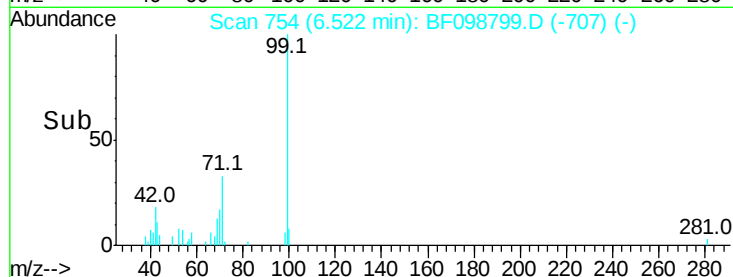
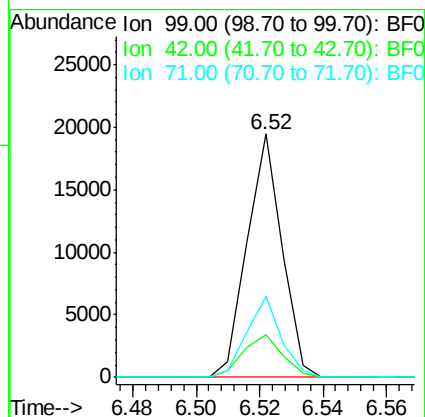
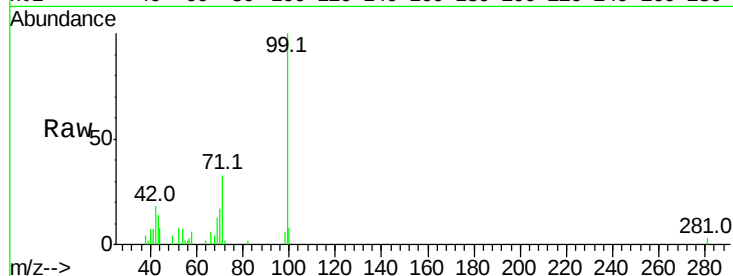
GROUND-WATER

Tot Ion:	99	Resp:	14812
Ion Ratio	Lower	Upper	
99	100		
42	17.6	14.5	21.7
71	33.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

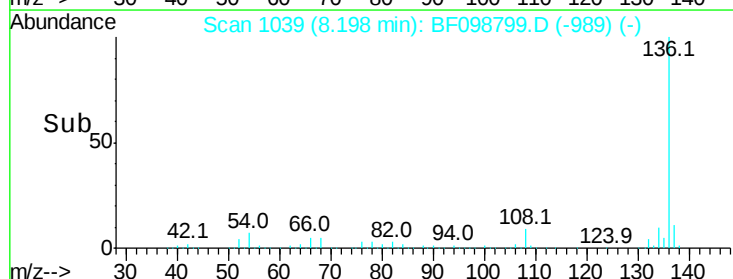
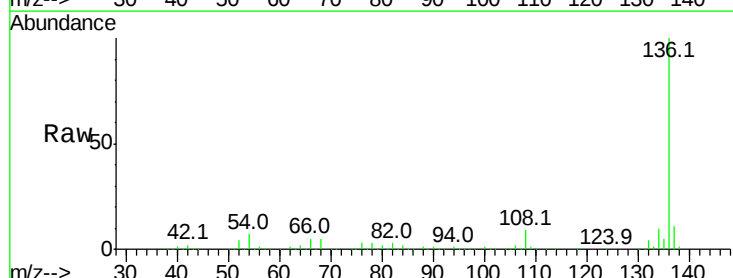
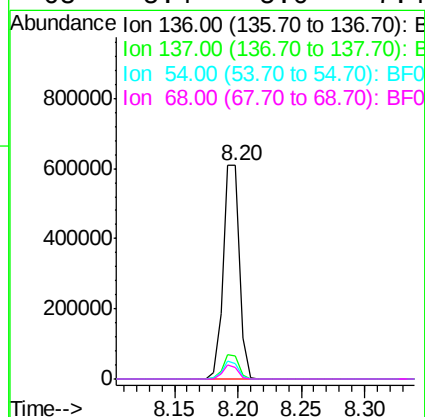
RT: 8.20 min Scan# 1039

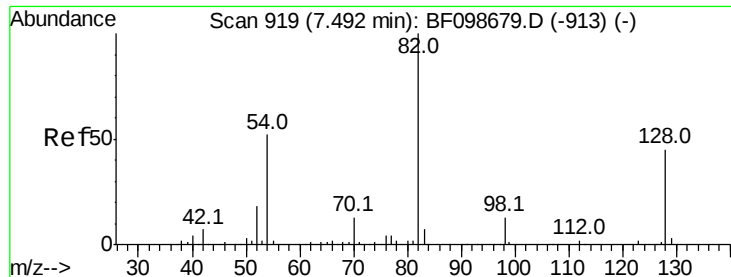
Delta R.T. -0.01 min

Lab File: BF098799.D

Acq: 25 Sep 2017 22:58

Tgt Ion:	136	Resp:	546772
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.1	6.6	9.8
68	5.4	5.0	7.4





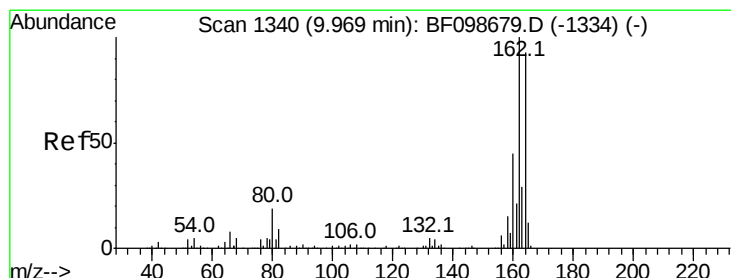
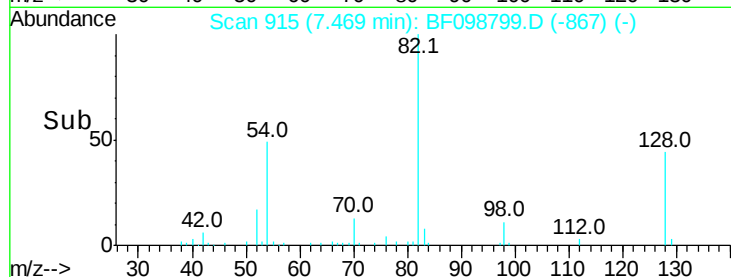
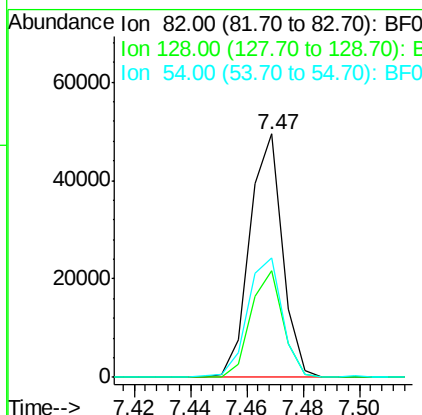
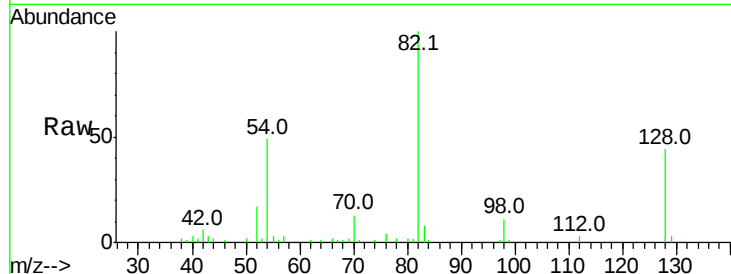
#23
 Nitrobenzene-d5
 Concen: 4.644 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF098799.D
 Acq: 25 Sep 2017 22:58

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	49.0	41.4	62.2

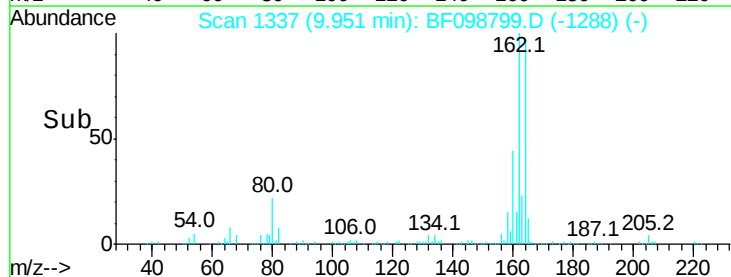
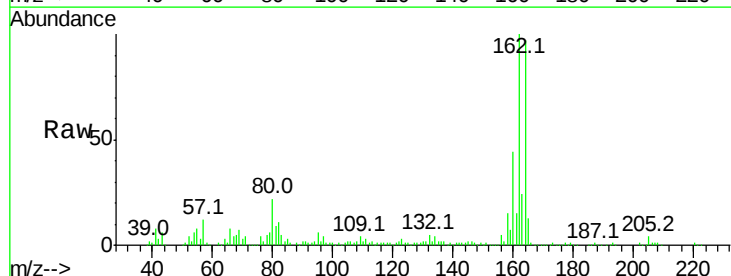
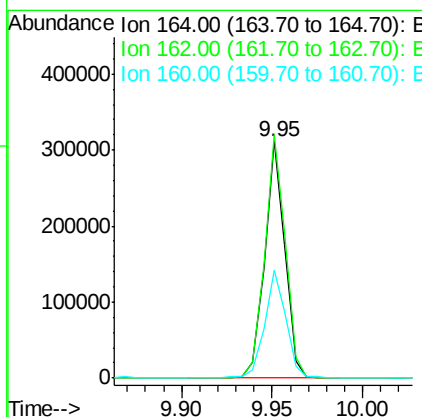
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098799.D
 Acq: 25 Sep 2017 22:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	45.6	38.3	57.5





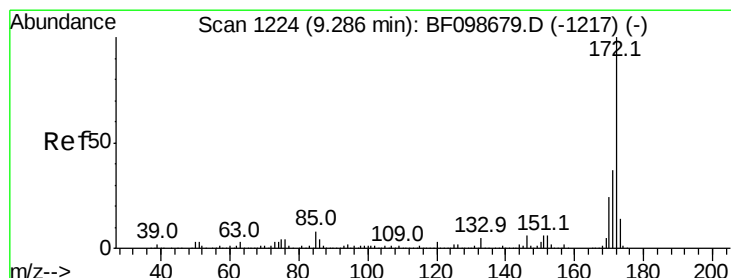
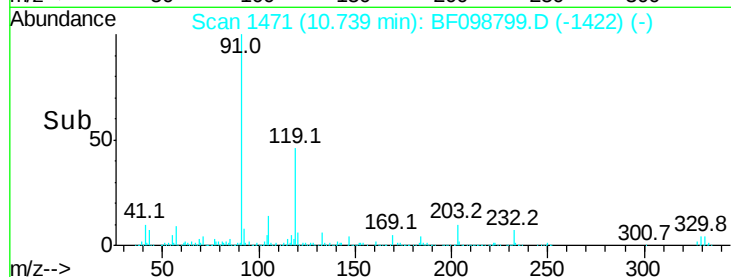
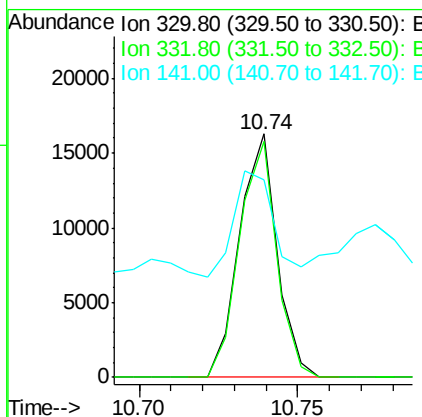
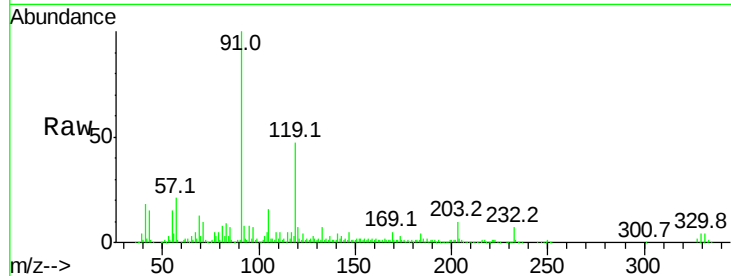
#41
 2,4,6-Tribromophenol
 Concen: 6.847 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098799.D
 Acq: 25 Sep 2017 22:58

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	45.3	29.9	44.9

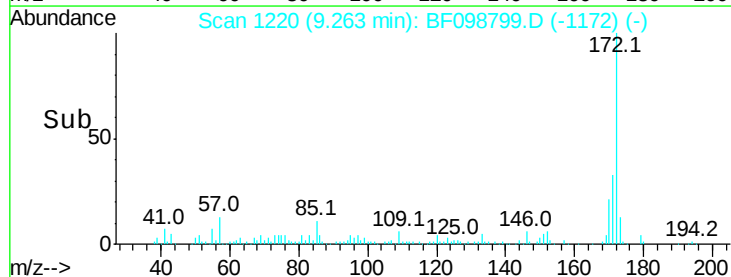
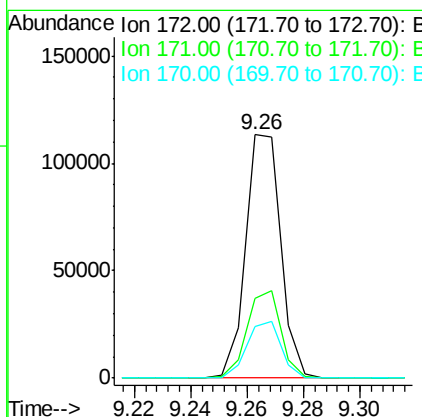
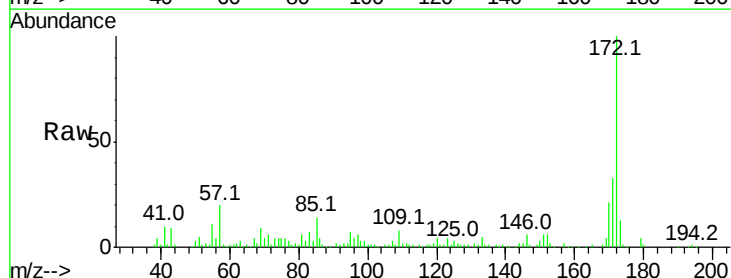
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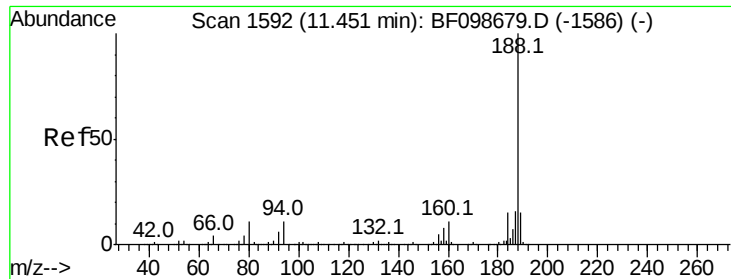
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#44
 2-Fluorobiphenyl
 Concen: 6.859 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BF098799.D
 Acq: 25 Sep 2017 22:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.0	29.7	44.5
170	21.4	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF098799.D

Acq: 25 Sep 2017 22:58

Instrument :

BNA_F

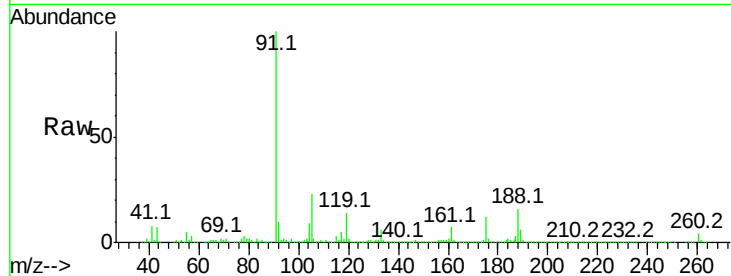
ClientSampleId :

GROUND-WATER

Tot Ion:	188	Resp:	255460
Ion Ratio	Lower	Upper	
188	100		
94	9.7	8.5	12.7
80	10.8	9.2	13.8

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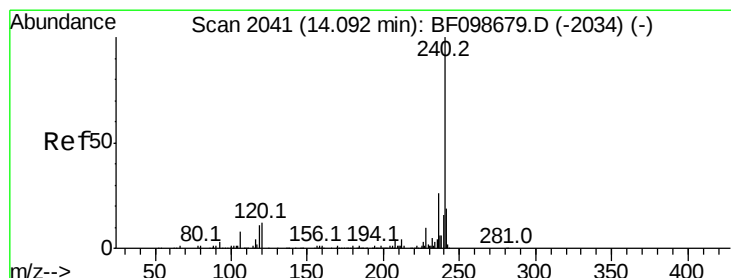
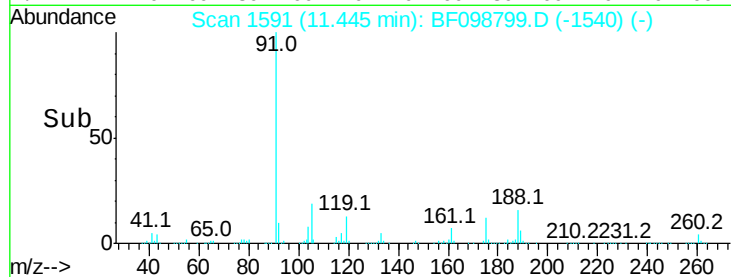
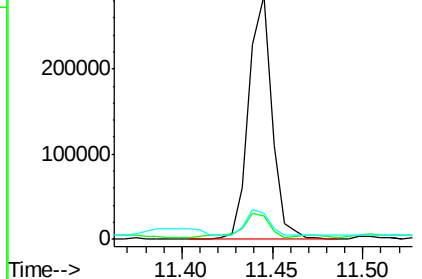
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Abundance Ion 188.00 (187.70 to 188.70): E

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 m

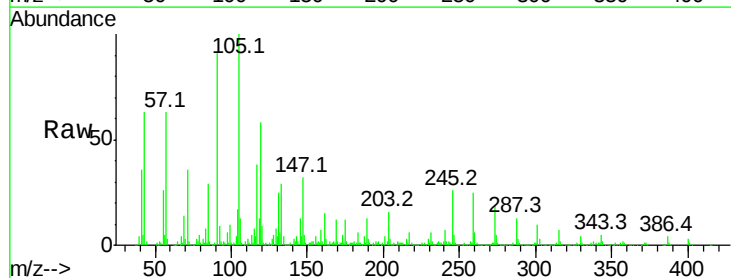
RT: 14.12 min Scan# 2046

Delta R.T. 0.04 min

Lab File: BF098799.D

Acq: 25 Sep 2017 22:58

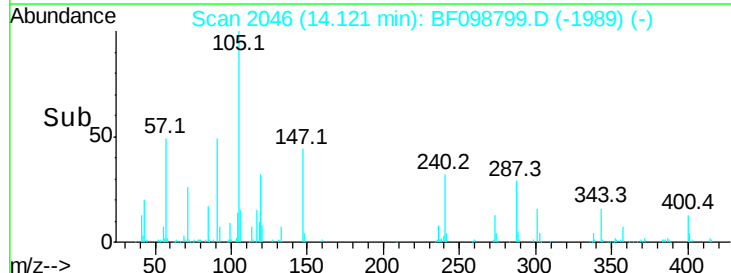
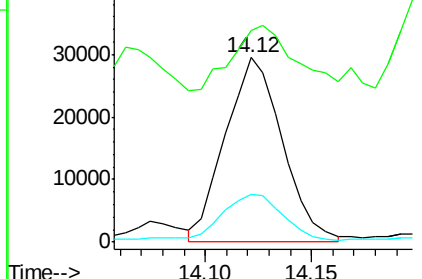
Tgt Ion:	240	Resp:	55417
Ion Ratio	Lower	Upper	
240	100		
120	114.9	9.5	14.3#
236	25.6	20.7	31.1

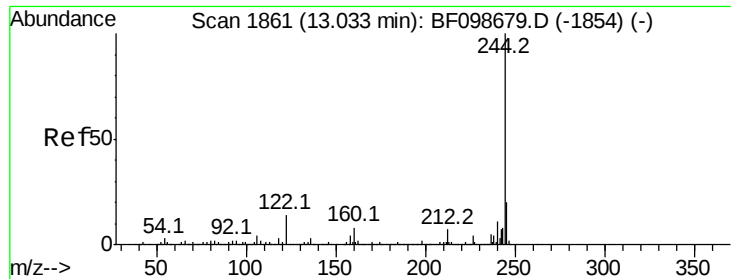


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





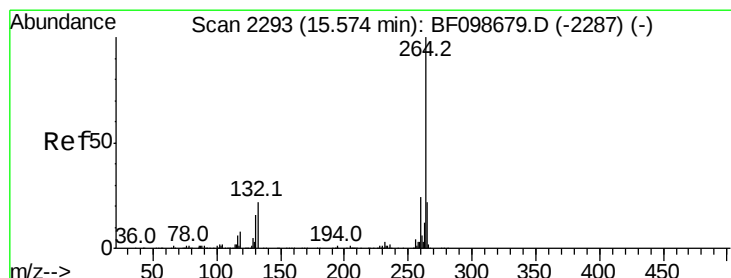
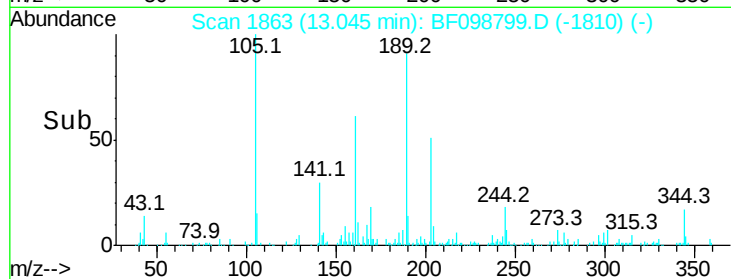
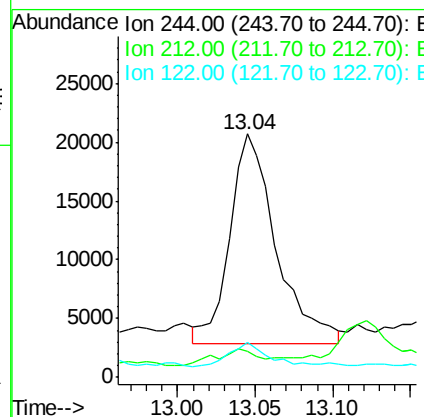
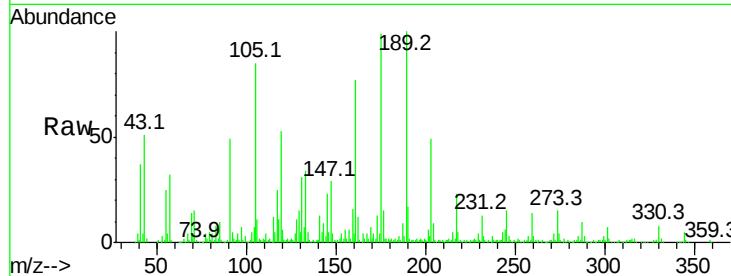
#78
 Terphenyl-d14
 Concen: 15.235 ng/mL
 RT: 13.04 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: BF098799.D
 Acq: 25 Sep 2017 22:58

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.6	5.4	8.0
122	14.5	11.0	16.4

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#86
 Perylene-d12
 Concen: 20.000 ng/mL
 RT: 15.63 min Scan# 2303
 Delta R.T. 0.06 min
 Lab File: BF098799.D
 Acq: 25 Sep 2017 22:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.3	17.5	26.3

