

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
 Data File : BF091481.D
 Acq On : 7 Dec 2016 20:43
 Operator : UM/SJ
 Sample : H5882-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER-2079

Manual Integrations
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Quant Time: Dec 08 01:00:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 00:35:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	163110m	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	674227	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	374570	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	674981	20.00	ng	0.00
75) Chrysene-d12	13.98	240	499131	20.00	ng	0.00
86) Perylene-d12	15.40	264	343149	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	486844	48.76	ng	0.00
7) Phenol-d6	6.46	99	396581	32.27	ng	-0.01
23) Nitrobenzene-d5	7.40	82	902433	75.01	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	476557	134.39	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1583762	76.56	ng	-0.01
78) Terphenyl-d14	12.94	244	1700638	74.06	ng	0.00

Target Compounds Qvalue

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

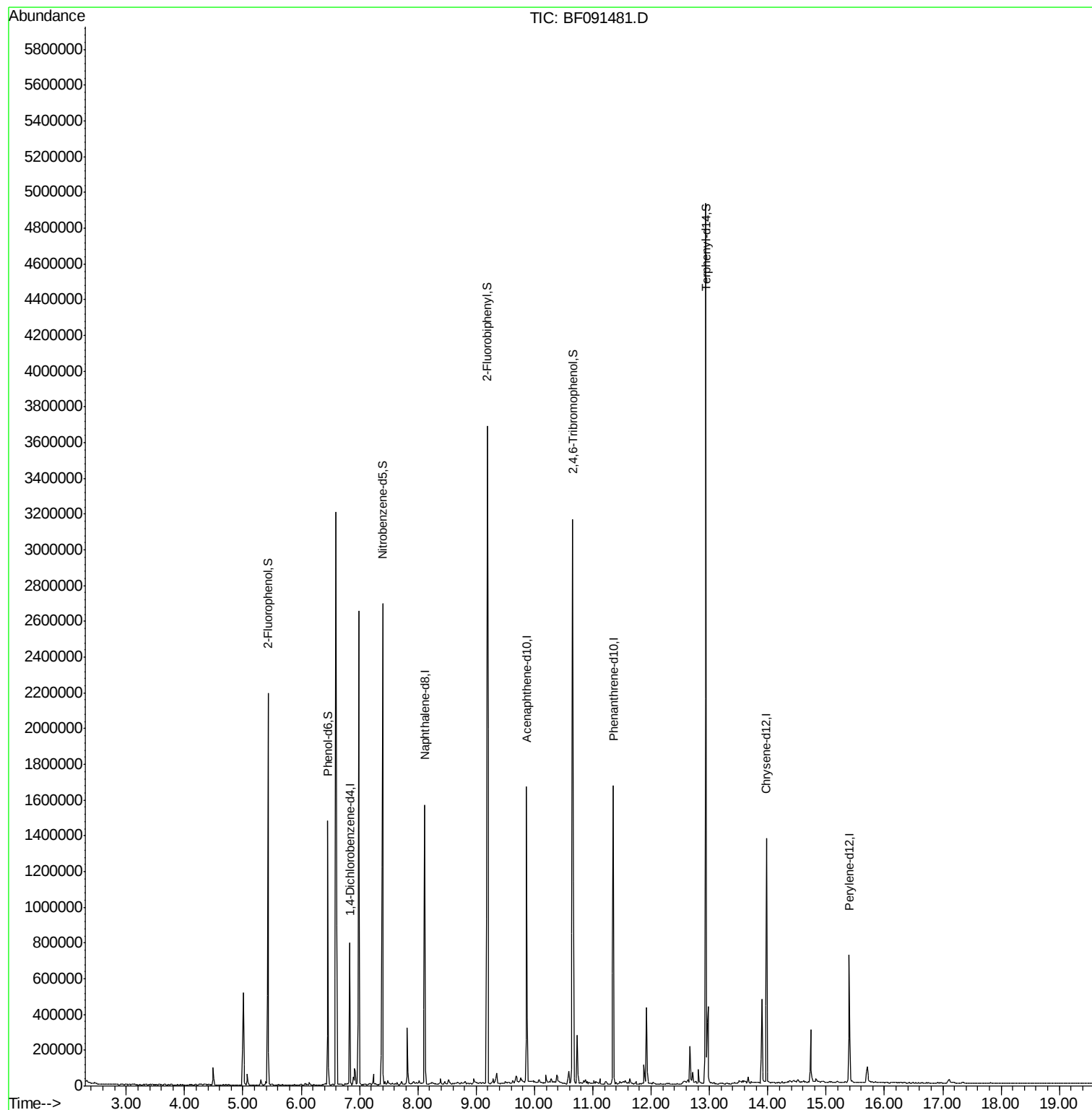
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
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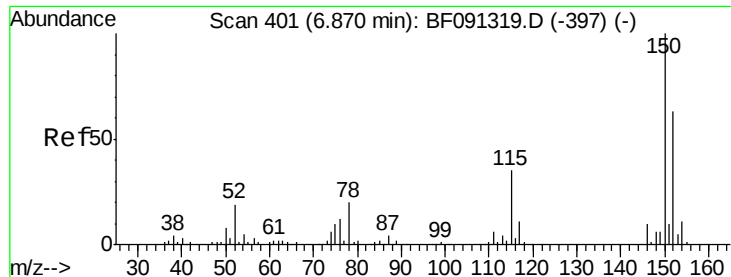
Instrument :
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#1

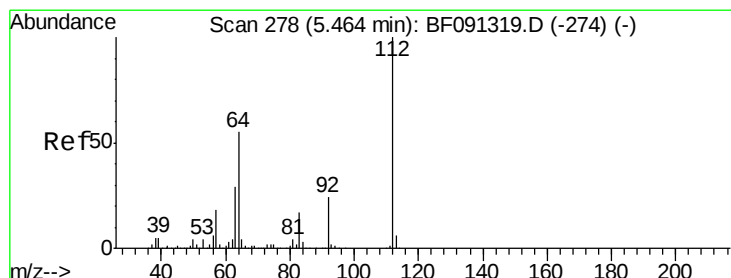
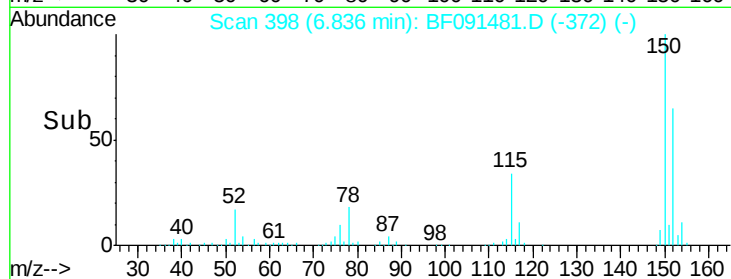
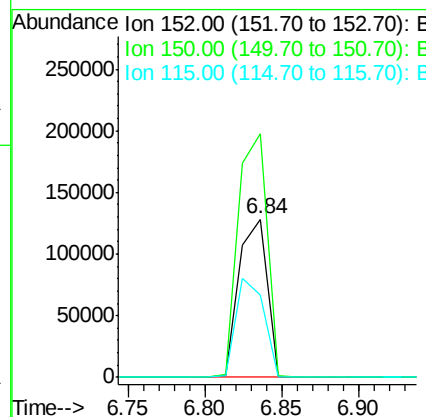
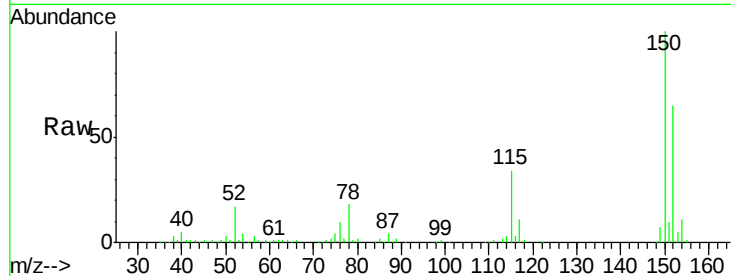
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.84 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF091481.D
Acq: 7 Dec 2016 20:43

Instrument :
BNA_F
ClientSampleId :
GROUNDWATER-2079

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	122.5	183.7
115	51.7	51.8	77.8

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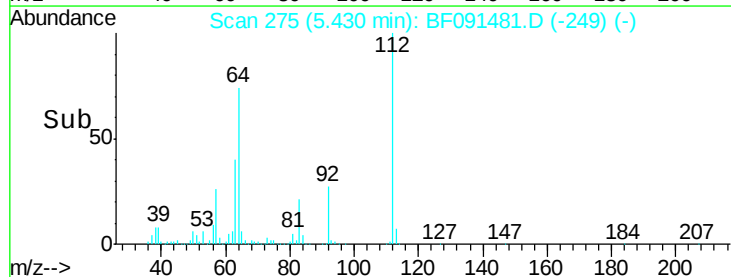
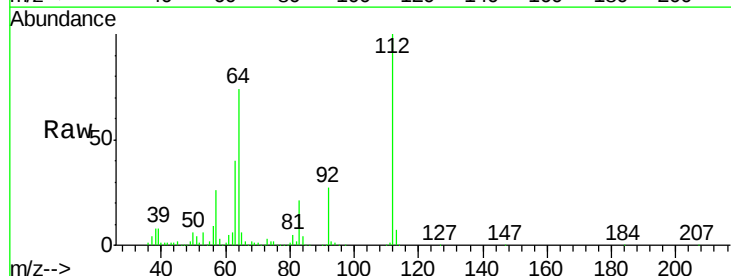
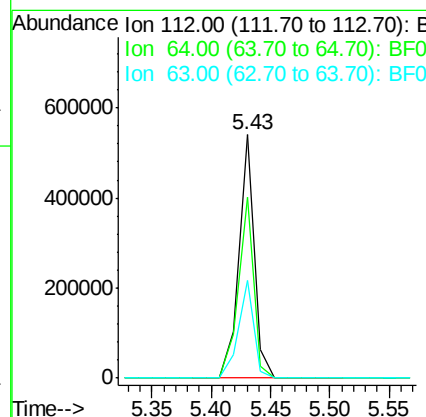
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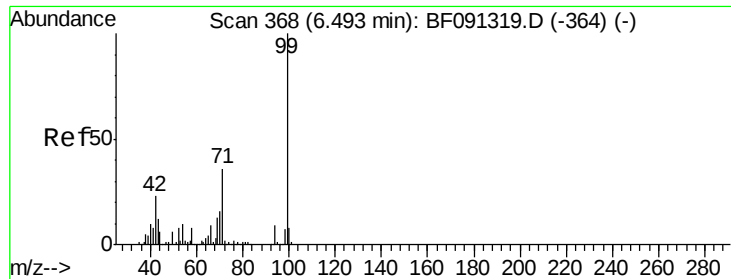


#5

2-Fluorophenol
Concen: 48.76 ng
RT: 5.43 min Scan# 275
Delta R.T. 0.00 min
Lab File: BF091481.D
Acq: 7 Dec 2016 20:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.2	61.5	92.3
63	39.9	33.3	49.9





#7

Phenol-d6

Concen: 32.27 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF091481.D

Acq: 7 Dec 2016 20:43

Instrument :

BNA_F

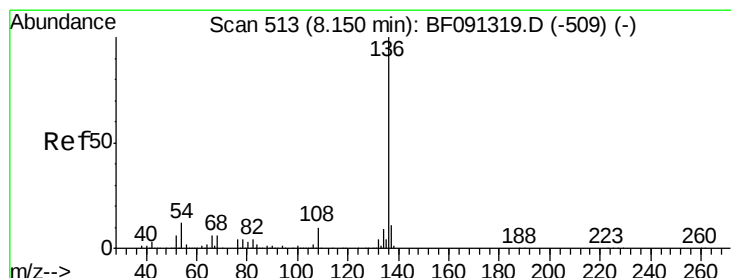
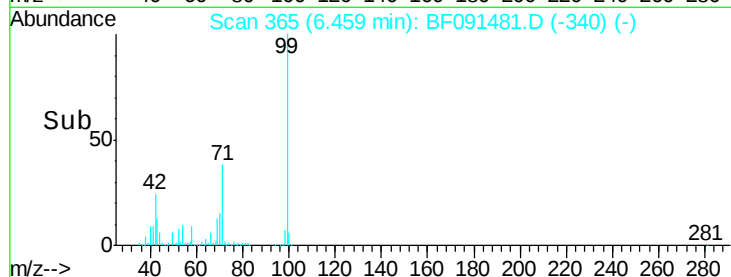
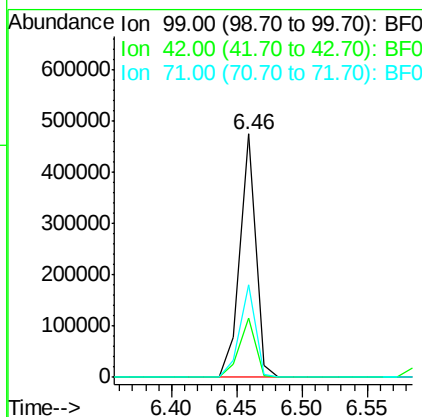
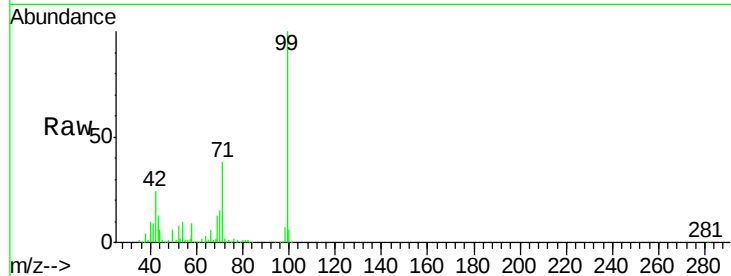
ClientSampleId :

GROUNDWATER-2079

Tot Ion:	99	Resp:	396581
Ion Ratio	Lower	Upper	
99	100		
42	24.2	20.6	31.0
71	37.9	29.9	44.9

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#21

Naphthalene-d8

Concen: 20.00 ng

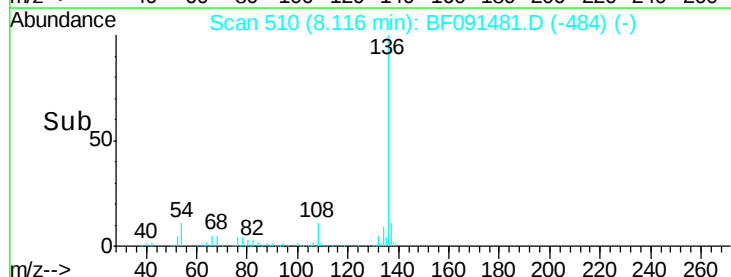
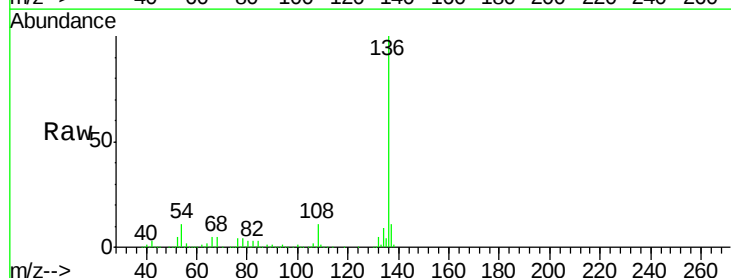
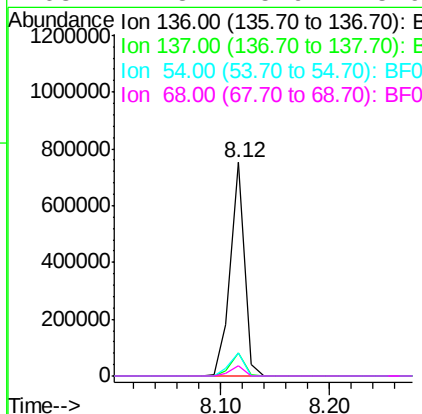
RT: 8.12 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF091481.D

Acq: 7 Dec 2016 20:43

Tgt Ion:	136	Resp:	674227
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	10.7	9.1	13.7
68	4.8	5.9	8.9#





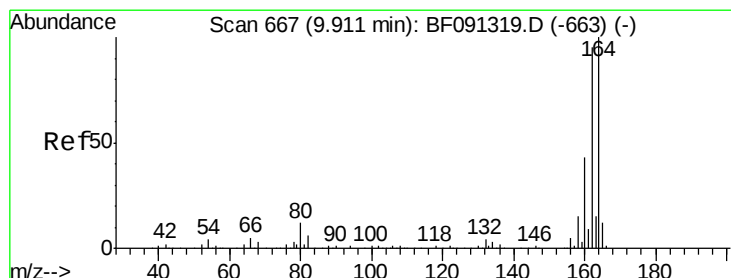
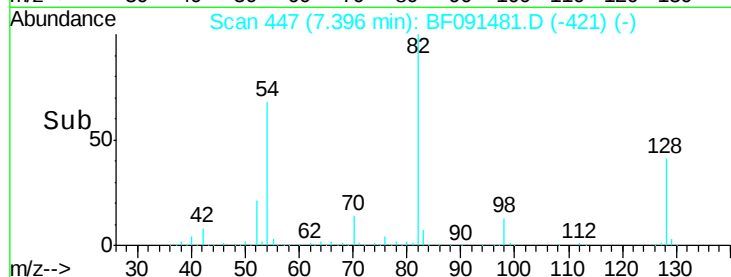
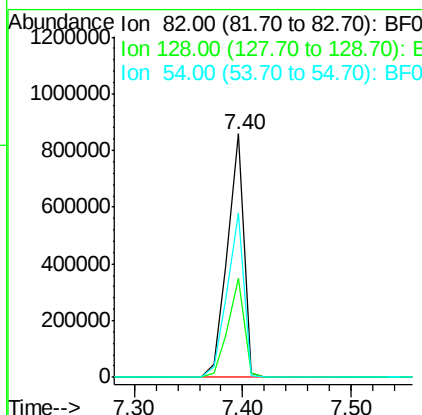
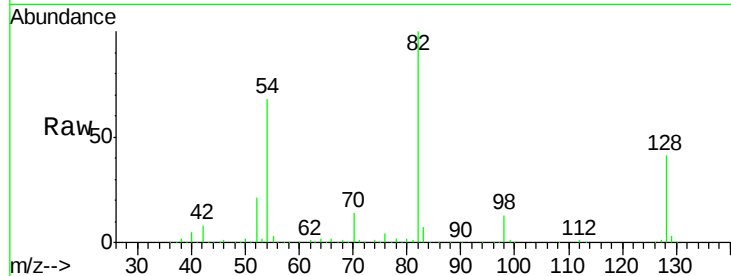
#23
 Nitrobenzene-d5
 Concen: 75.01 ng
 RT: 7.40 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF091481.D
 Acq: 7 Dec 2016 20:43

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER-2079

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.6	31.8	47.6	
54	67.7	49.1	73.7	

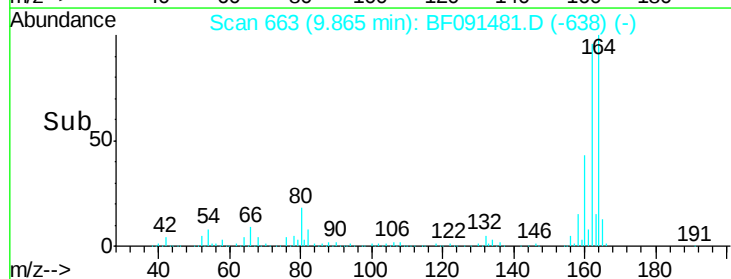
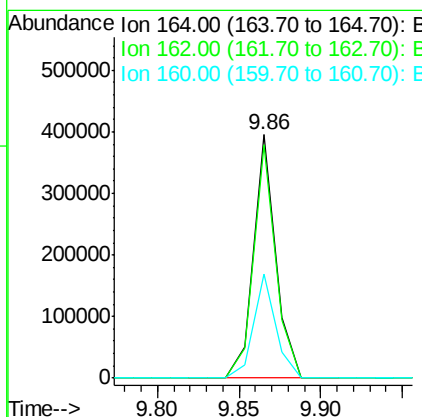
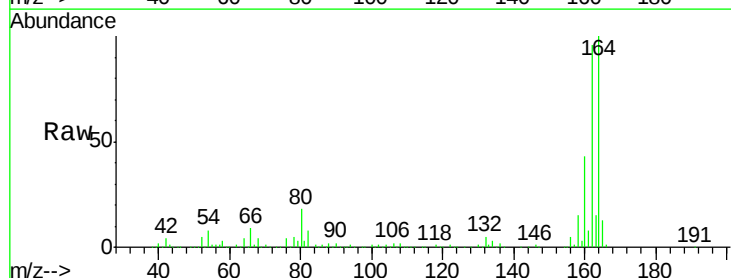
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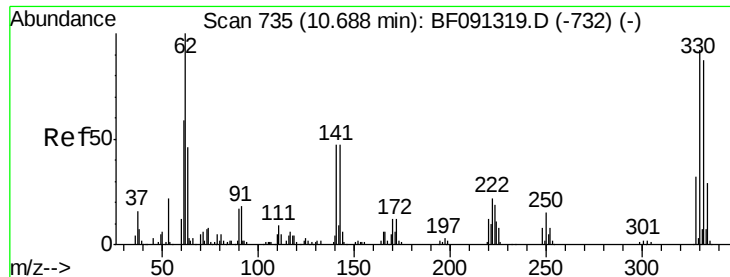
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF091481.D
 Acq: 7 Dec 2016 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	96.0	82.6	124.0	
160	42.6	36.7	55.1	





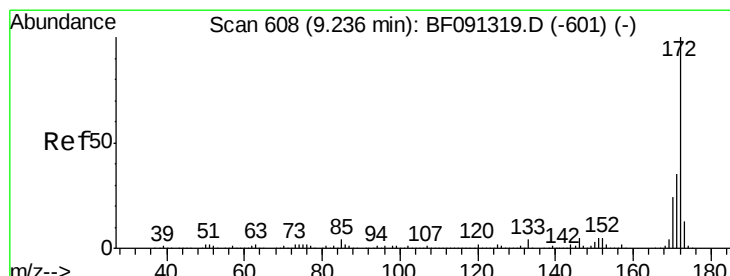
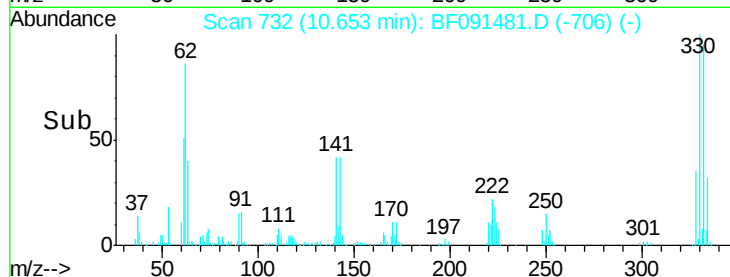
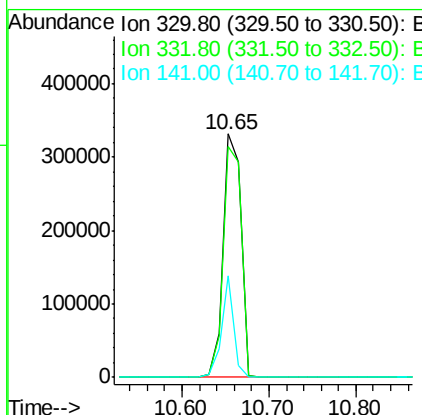
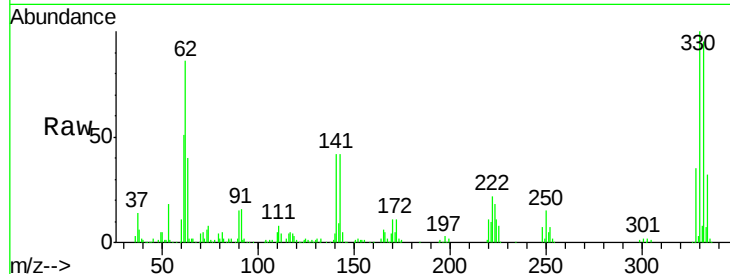
#41
 2,4,6-Tribromophenol
 Concen: 134.39 ng
 RT: 10.65 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF091481.D
 Acq: 7 Dec 2016 20:43

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER-2079

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	76.2	114.4	
141	28.6	33.6	50.4	

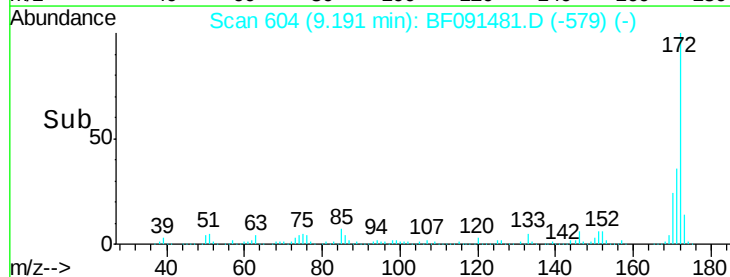
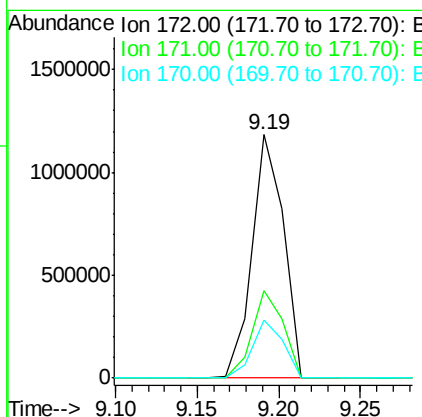
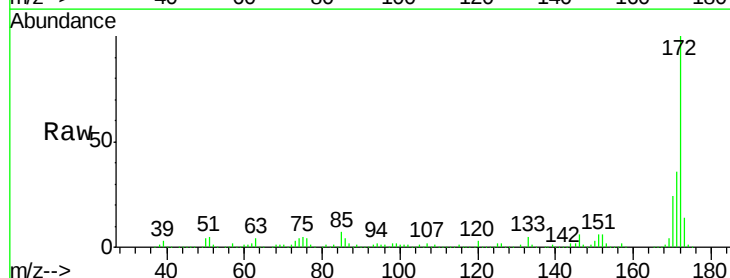
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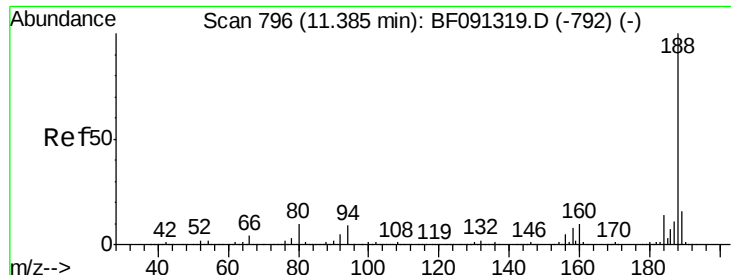
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#44
 2-Fluorobiphenyl
 Concen: 76.56 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF091481.D
 Acq: 7 Dec 2016 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	29.4	44.0	
170	24.0	19.7	29.5	





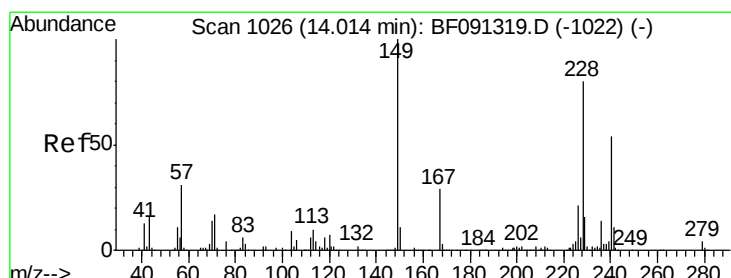
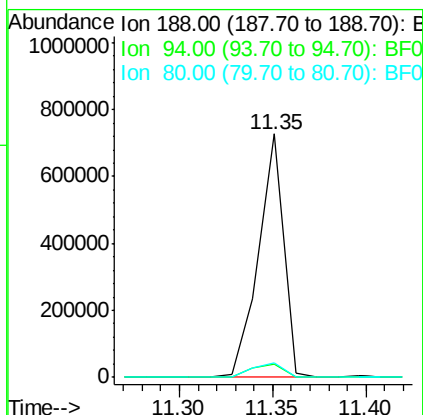
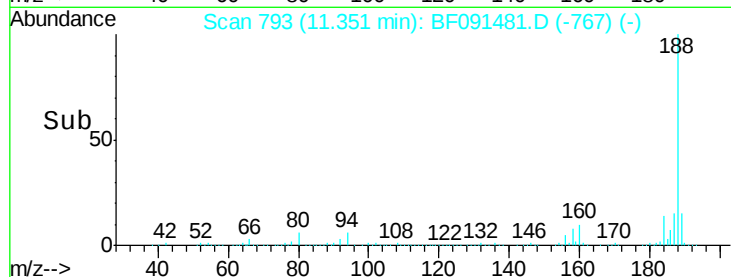
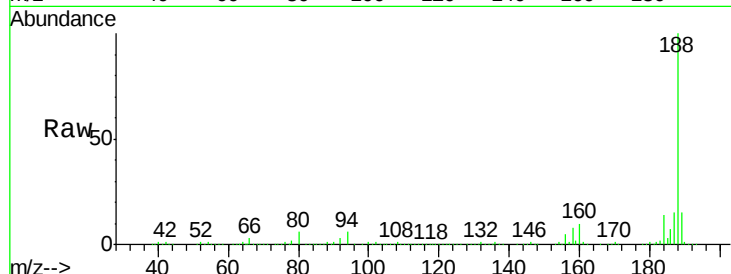
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF091481.D
Acq: 7 Dec 2016 20:43

Instrument :
BNA_F
ClientSampleId :
GROUNDWATER-2079

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.5	9.2	13.8#
80	5.8	10.5	15.7#

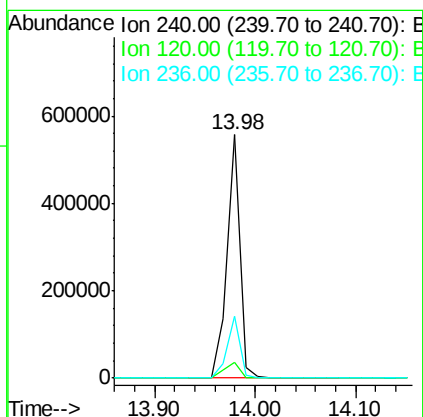
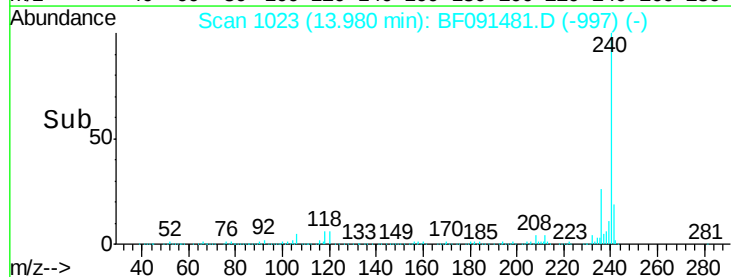
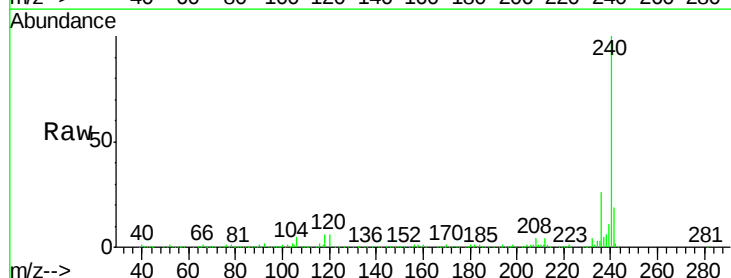
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF091481.D
Acq: 7 Dec 2016 20:43

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.5	12.1	18.1#
236	25.5	21.0	31.6





#78
 Terphenyl-d14
 Concen: 74.06 ng
 RT: 12.94 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: BF091481.D
 Acq: 7 Dec 2016 20:43

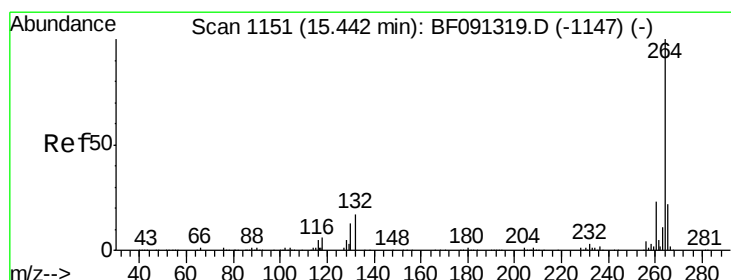
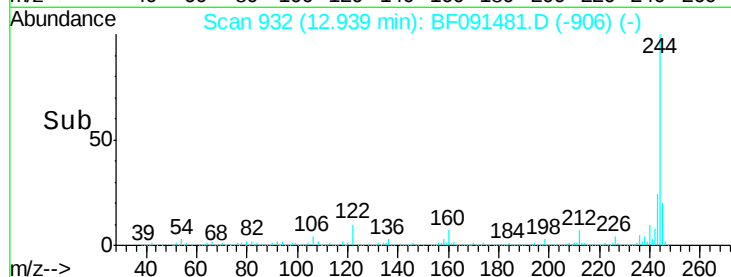
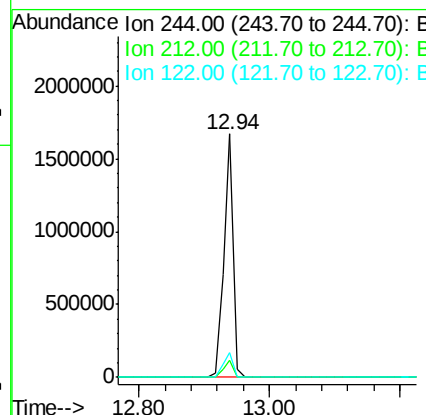
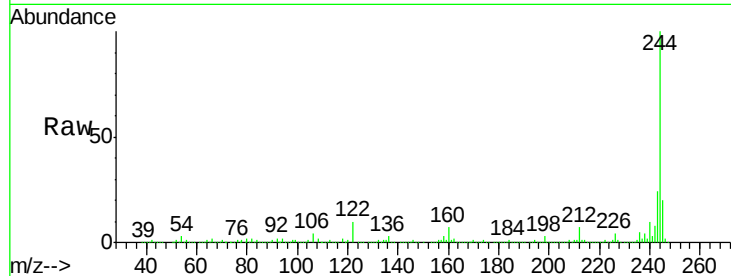
Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER-2079

Tot Ion:244 Resp: 1700638

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	10.3	9.5	14.3

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF091481.D
 Acq: 7 Dec 2016 20:43

Tgt Ion:264 Resp: 343149

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	22.0	17.0	25.6

