

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038543.D
 Acq On : 13 Dec 2018 22:01
 Operator : JU/SJ
 Sample : J6356-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GROUND-WATER

Manual Integrations
 APPROVED

Sohil
 12/14/2018 12:56:30 PM

Quant Time: Dec 13 23:18:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22425	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	94151	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	61436	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	153919	20.00	ng	0.00
76) Chrysene-d12	21.72	240	156037	20.00	ng	0.00
87) Perylene-d12	25.02	264	169694	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	101253	80.08	ng	0.00
7) Phenol-d6	7.21	99	89956	51.83	ng	0.00
23) Nitrobenzene-d5	9.23	82	204850	111.15	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	151202	178.58	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	459697	102.65	ng	0.00
79) Terphenyl-d14	20.04	244	857640	119.62	ng	0.00
Target Compounds						
10) Phenol	7.24	94	31168	16.902	ng	98
17) 2-Methylphenol	8.49	107	12717	10.293	ng	99
20) 3+4-Methylphenols	8.83	107	45633	26.745	ng	98
27) 2,4-Dimethylphenol	10.04	122	8351m	6.106	ng	
50) Dimethylphthalate	14.14	163	28632	5.707	ng	# 97
60) Diethylphthalate	15.49	149	34359	6.238	ng	98

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

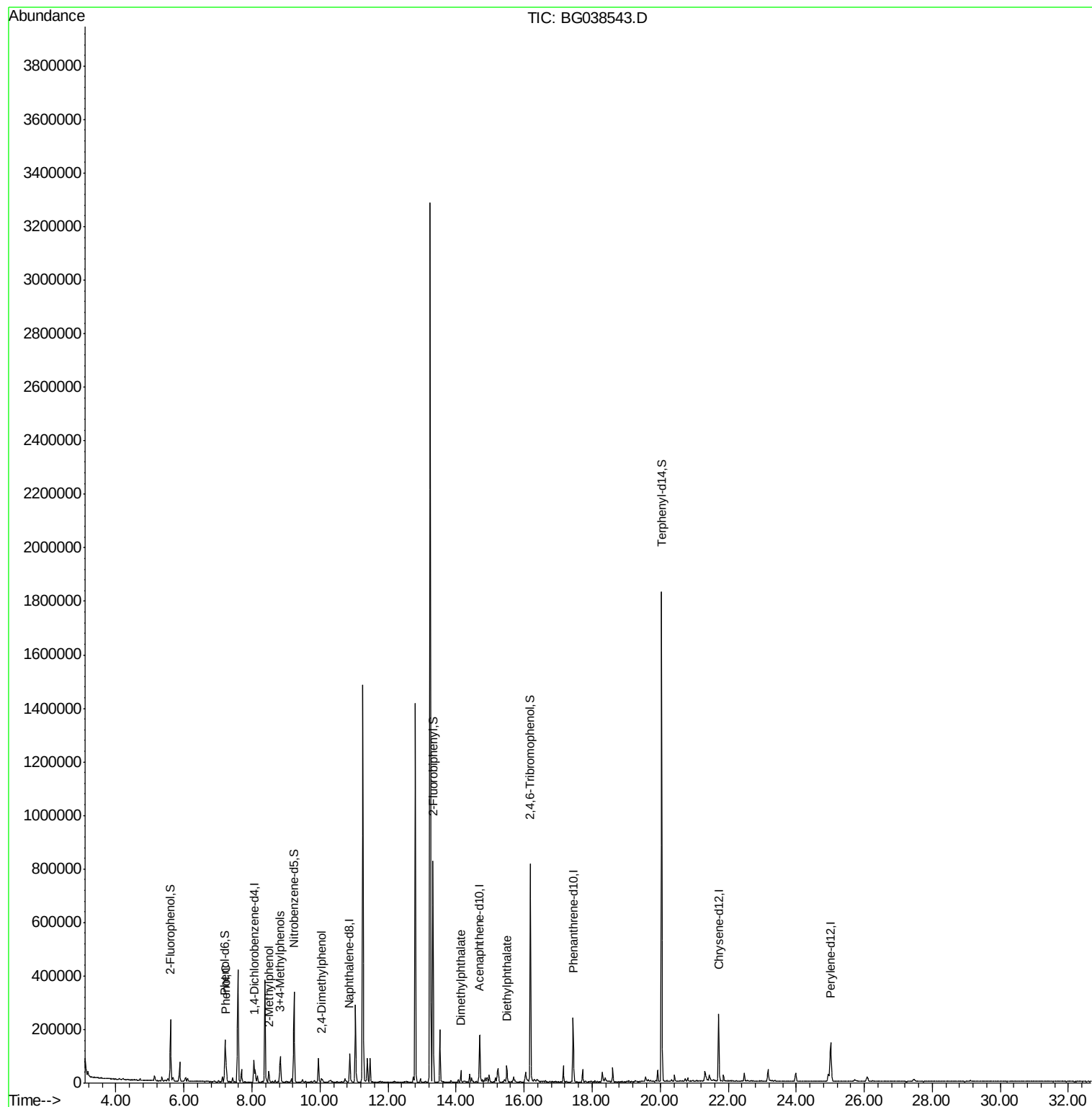
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

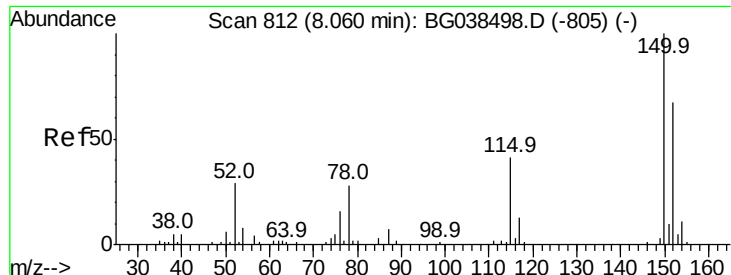
Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

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Quant Time: Dec 13 23:18:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration





#1

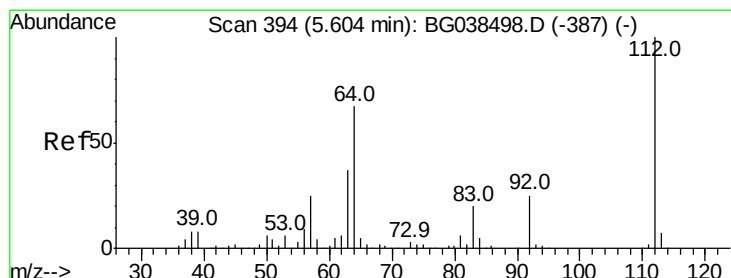
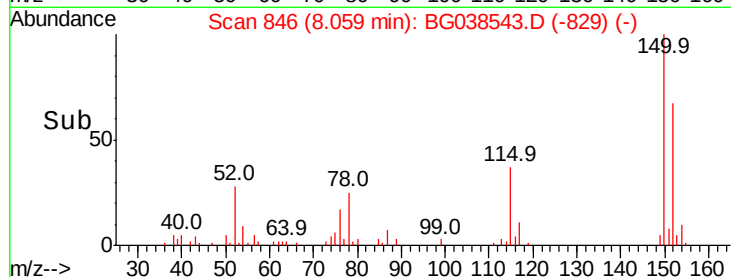
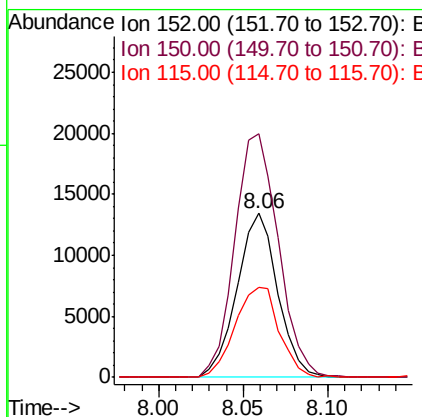
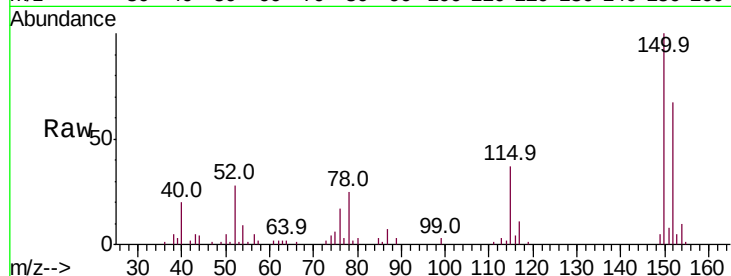
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	119.5	179.3
115	55.1	49.6	74.4

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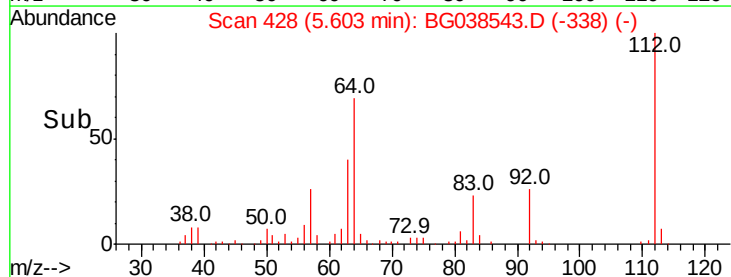
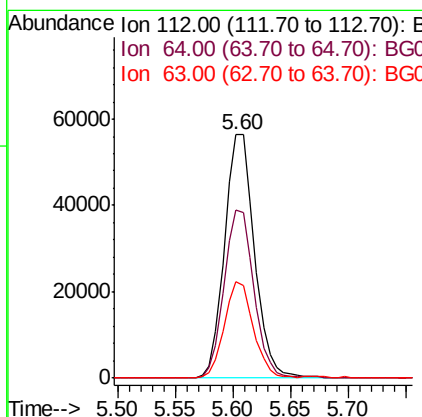
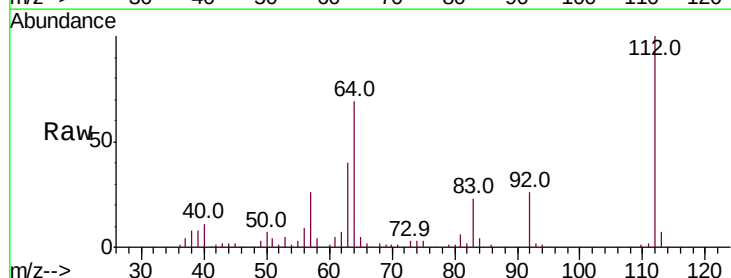
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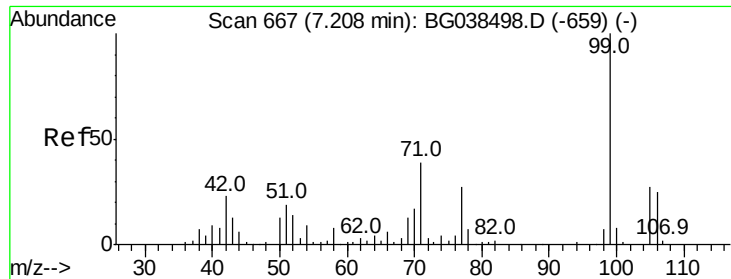


#5

2-Fluorophenol
Concen: 80.084 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	53.4	80.2
63	39.8	29.3	43.9





#7

Phenol-d6

Concen: 51.827 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038543.D

Acq: 13 Dec 2018 22:01

Instrument :

BNA_G

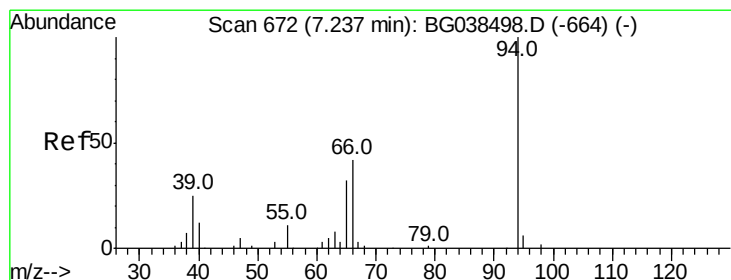
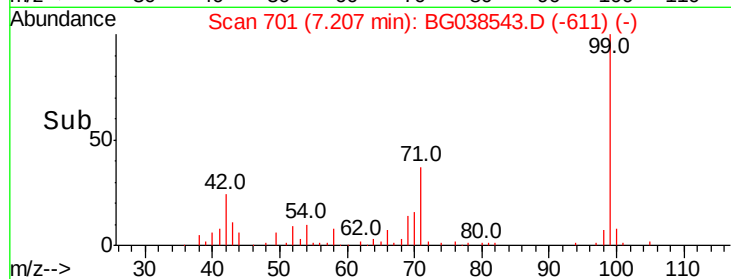
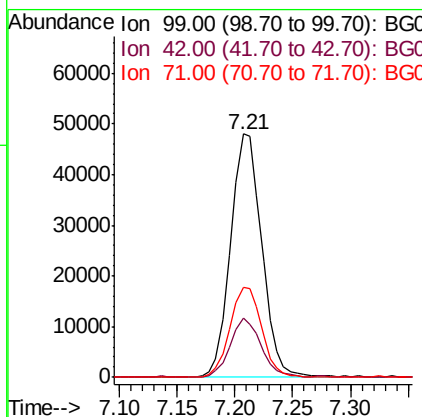
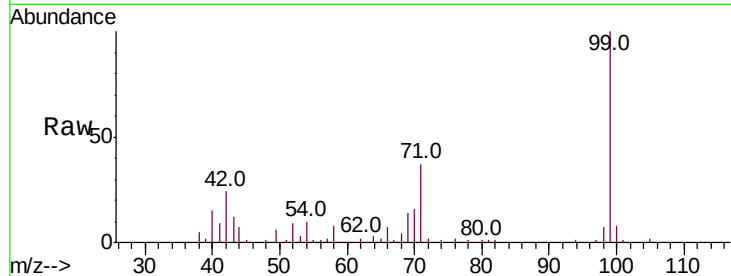
ClientSampleId :

GROUND-WATER

Tot Ion:	99	Resp:	89956
Ion Ratio	Lower	Upper	
99	100		
42	24.1	18.5	27.7
71	37.1	31.1	46.7

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#10

Phenol

Concen: 16.902 ng

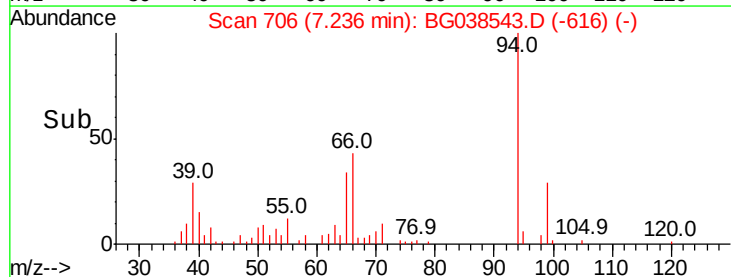
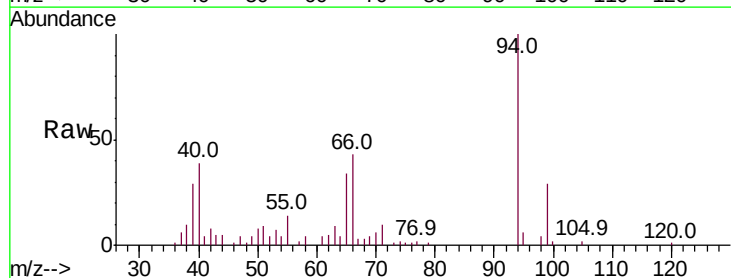
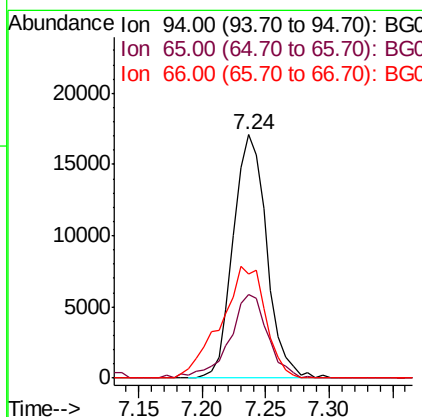
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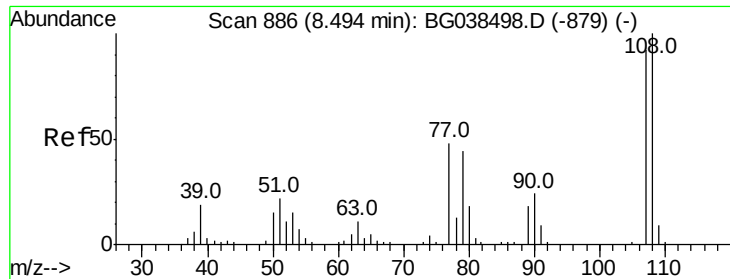
Delta R.T. -0.00 min

Lab File: BG038543.D

Acq: 13 Dec 2018 22:01

Tgt Ion:	94	Resp:	31168
Ion Ratio	Lower	Upper	
94	100		
65	34.3	12.6	52.6
66	42.9	24.1	64.1





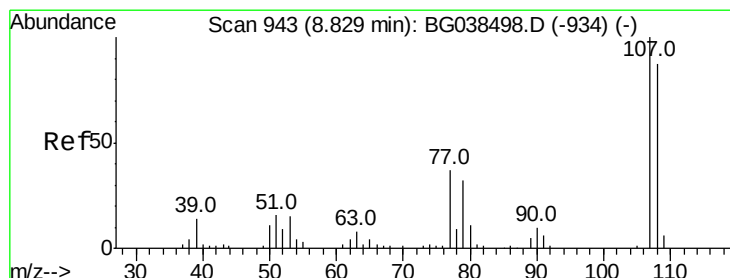
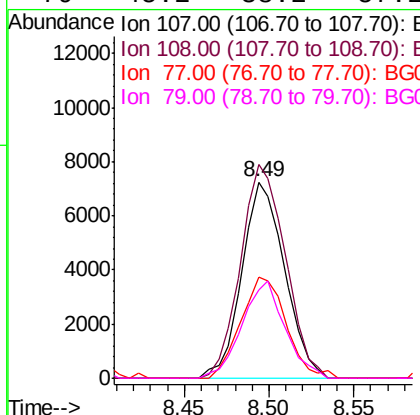
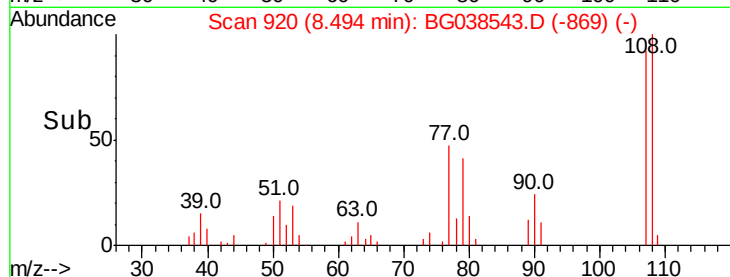
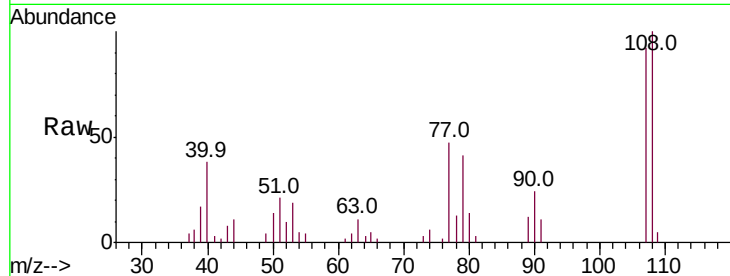
#17
2-Methylphenol
Concen: 10.293 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

Tot Ion	Ratio	Resp	Lower	Upper
107	100	12717		
108	109.0	87.1	130.7	
77	51.7	42.0	63.0	
79	45.2	38.2	57.2	

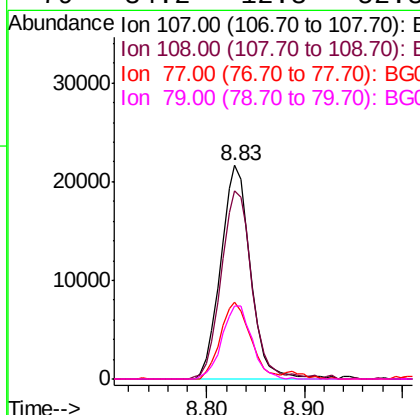
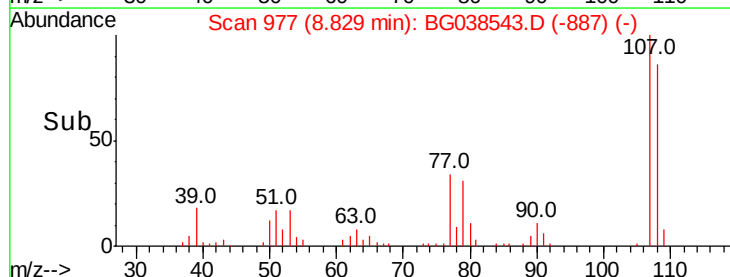
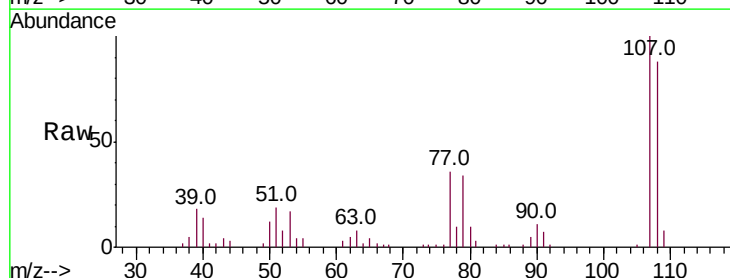
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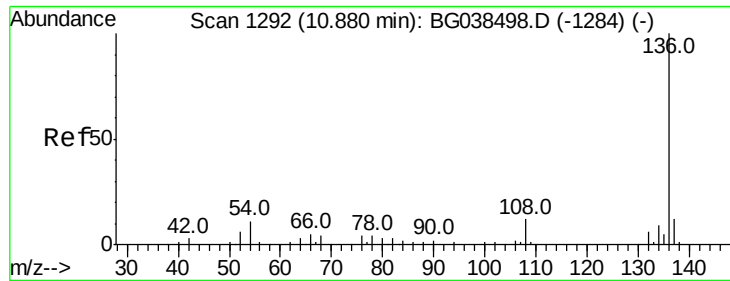
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#20
3+4-Methylphenols
Concen: 26.745 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	45633		
108	88.1	66.7	106.7	
77	36.0	17.3	57.3	
79	34.2	12.3	52.3	





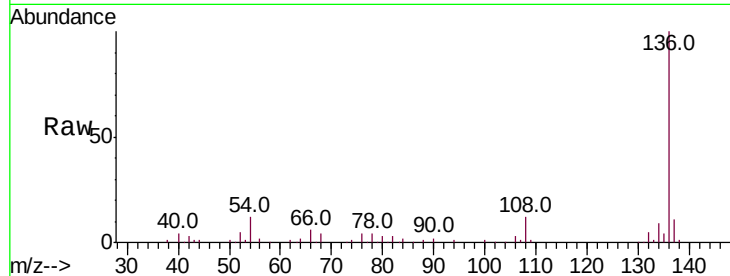
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

Tot Ion:	136	Resp:	94151
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.3	13.9
54	11.5	8.5	12.7
68	4.4	3.5	5.3

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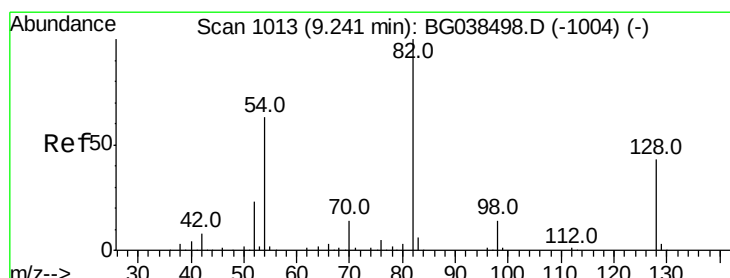
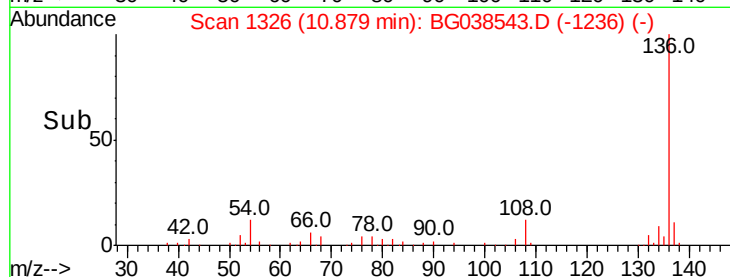
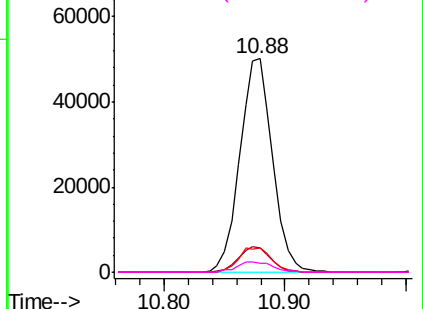
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

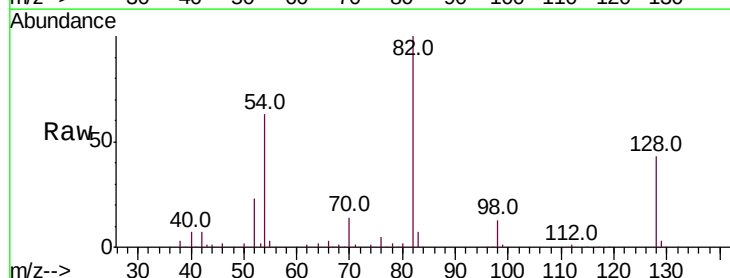
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 111.153 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Tgt Ion:	82	Resp:	204850
Ion Ratio	Lower	Upper	
82	100		
128	42.8	34.6	52.0
54	62.9	50.6	76.0

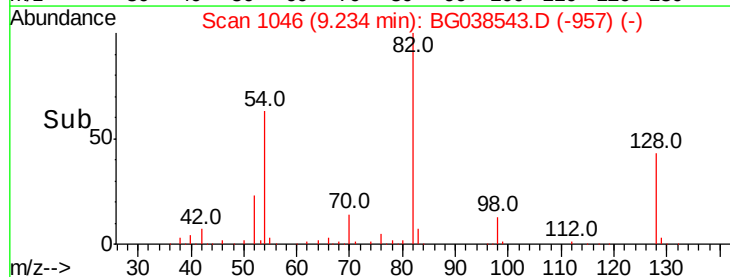
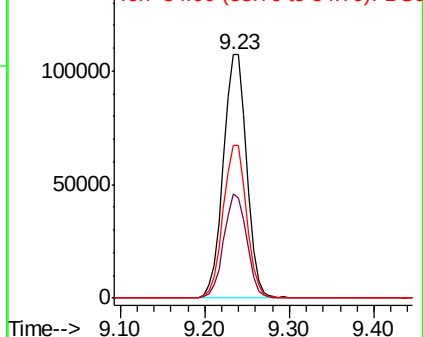


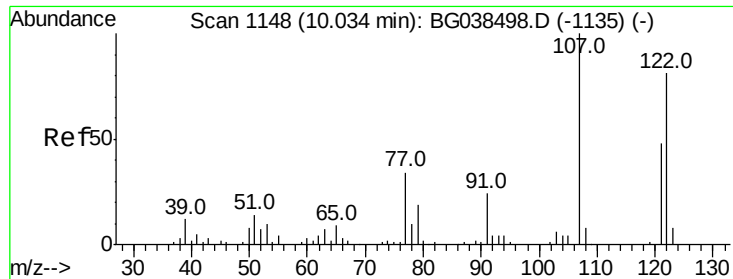
Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





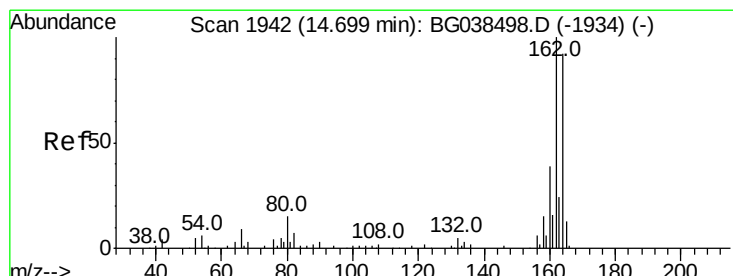
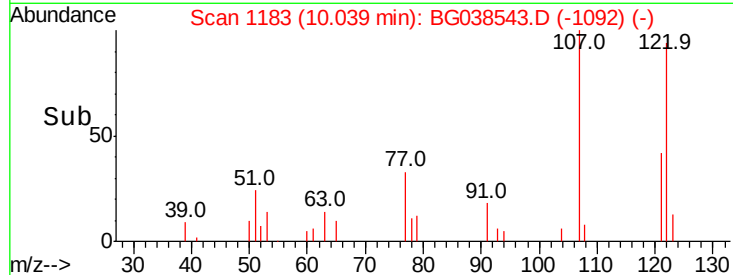
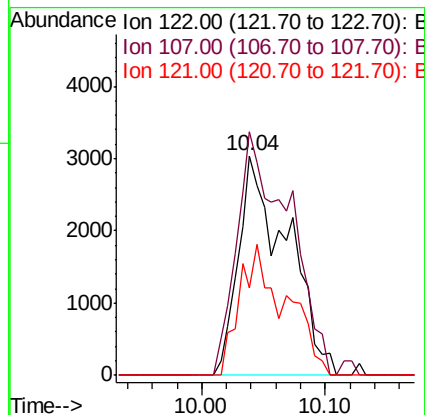
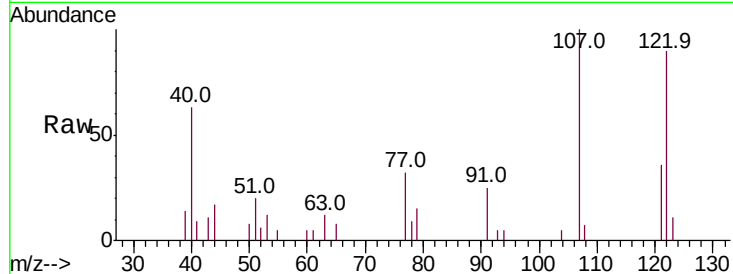
#27
 2,4-Dimethylphenol
 Concen: 6.106 ng m
 RT: 10.04 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BG038543.D
 Acq: 13 Dec 2018 22:01

Instrument :
 BNA_G
 ClientSampleId :
 GROUND-WATER

Tot Ion:	122	Resp:	8351
Ion Ratio	Lower	Upper	
122	100		
107	110.9	98.4	147.6
121	39.6	47.2	70.8#

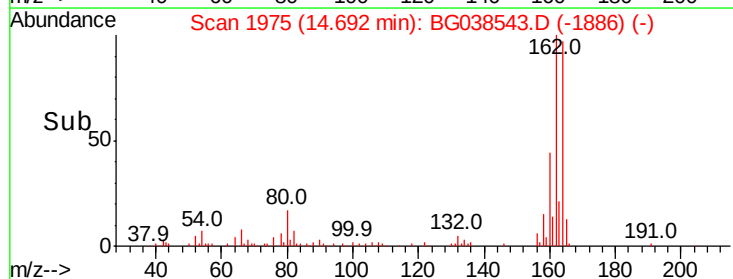
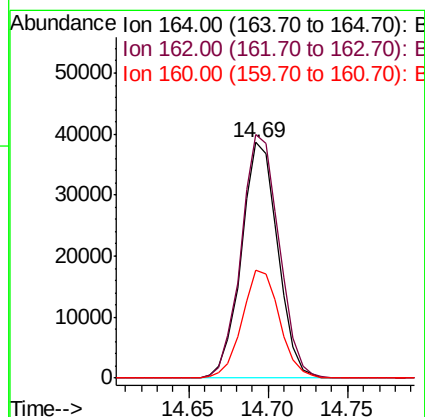
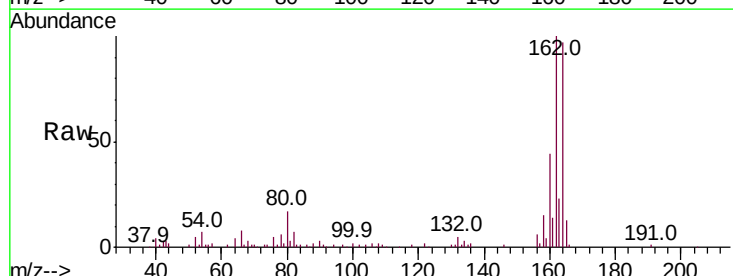
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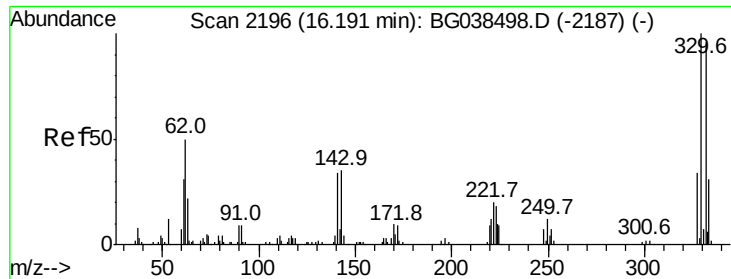
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038543.D
 Acq: 13 Dec 2018 22:01

Tgt Ion:	164	Resp:	61436
Ion Ratio	Lower	Upper	
164	100		
162	103.3	86.6	130.0
160	45.7	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 178.578 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038543.D

Acq: 13 Dec 2018 22:01

Instrument :

BNA_G

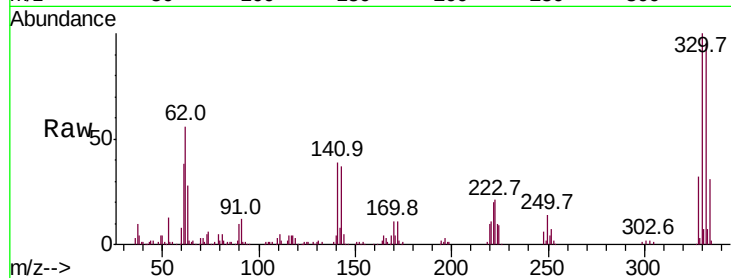
ClientSampleId :

GROUND-WATER

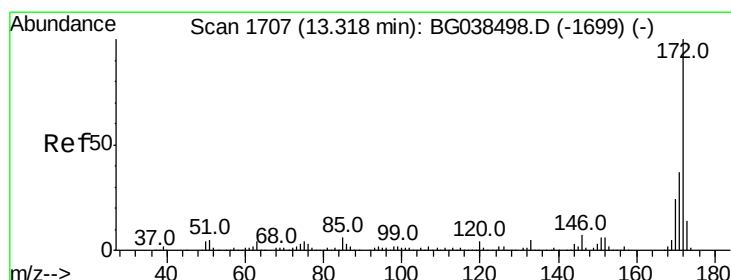
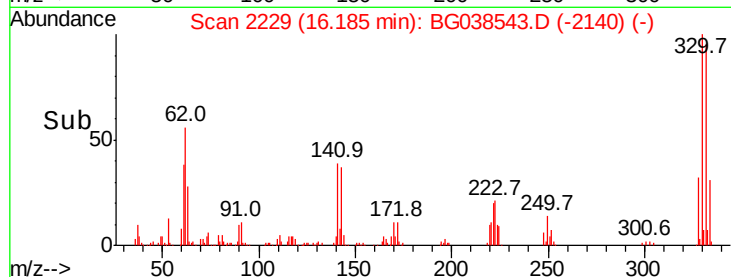
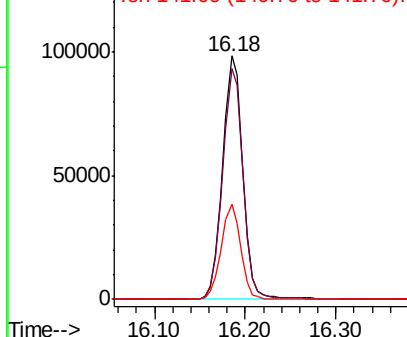
Tot Ion:	330	Resp:	151202
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.9	115.3
141	37.7	28.8	43.2

Manual Integrations
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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



#45

2-Fluorobiphenyl

Concen: 102.649 ng

RT: 13.32 min Scan# 1741

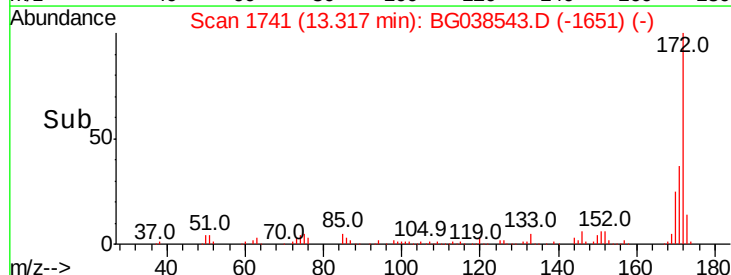
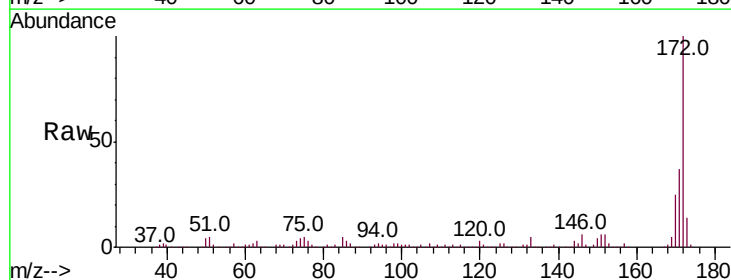
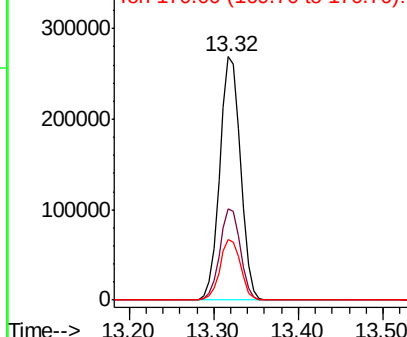
Delta R.T. -0.00 min

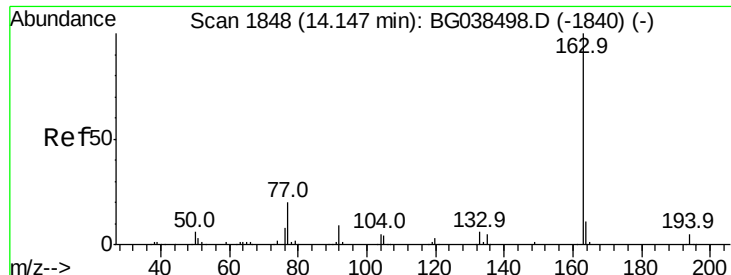
Lab File: BG038543.D

Acq: 13 Dec 2018 22:01

Tgt Ion:	172	Resp:	459697
Ion Ratio	Lower	Upper	
172	100		
171	37.3	29.8	44.6
170	25.1	19.5	29.3

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





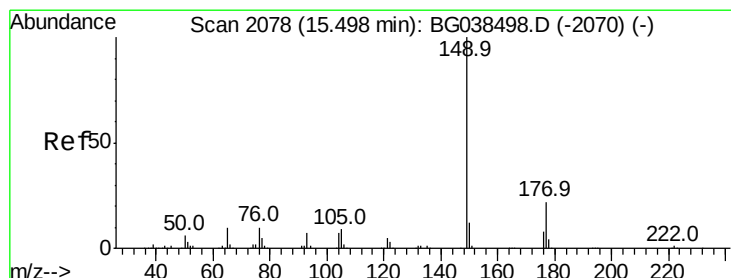
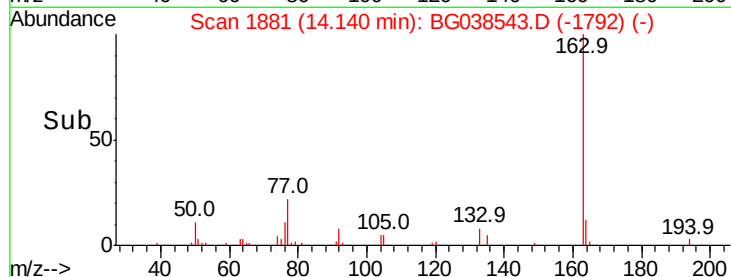
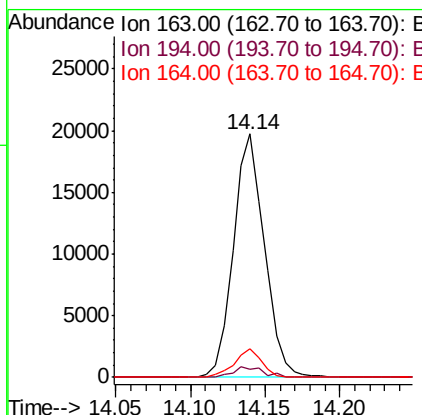
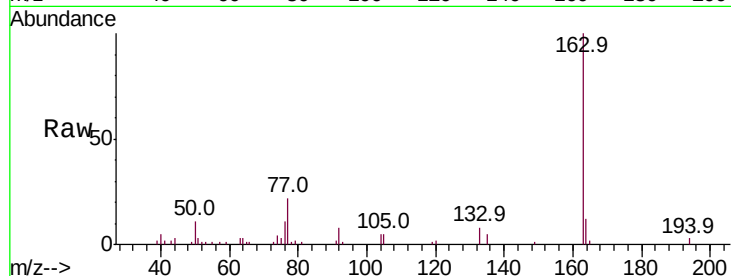
#50
Dimethylphthalate
Concen: 5.707 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.7	5.5#
164	11.9	8.6	12.8

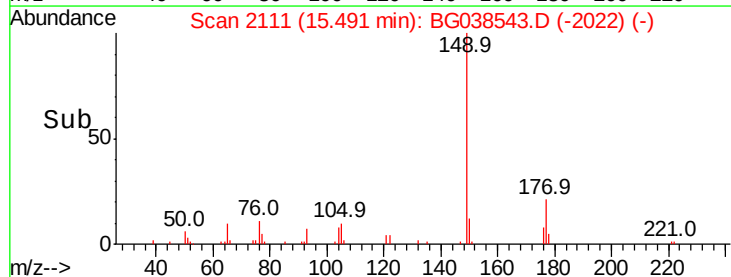
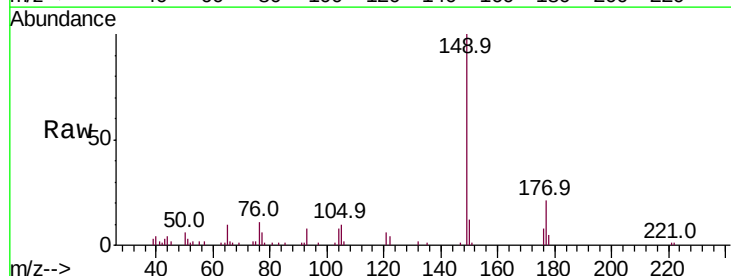
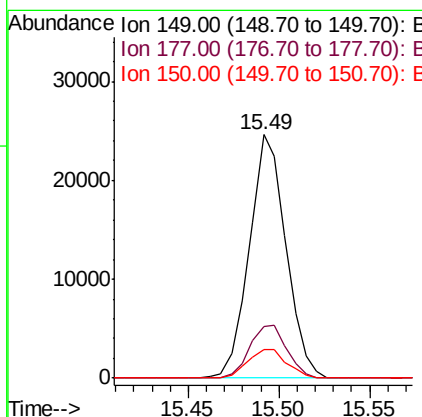
Manual Integrations
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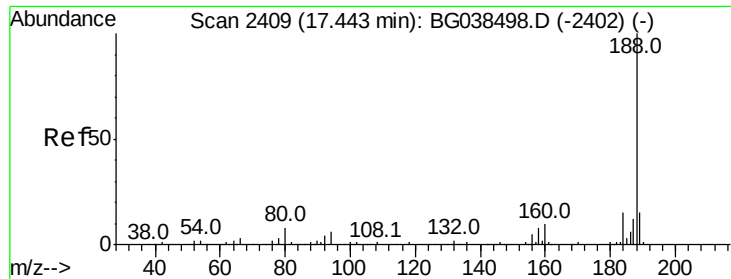
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#60
Diethylphthalate
Concen: 6.238 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG038543.D
Acq: 13 Dec 2018 22:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.7	26.5
150	11.9	9.9	14.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038543.D

Acq: 13 Dec 2018 22:01

Instrument :

BNA_G

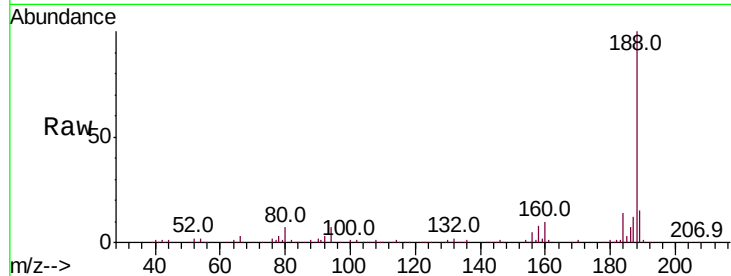
ClientSampleId :

GROUND-WATER

Tot Ion:	188	Resp:	153919
Ion Ratio	Lower	Upper	
188	100		
94	6.8	5.1	7.7
80	7.0	6.1	9.1

Manual Integrations
APPROVED

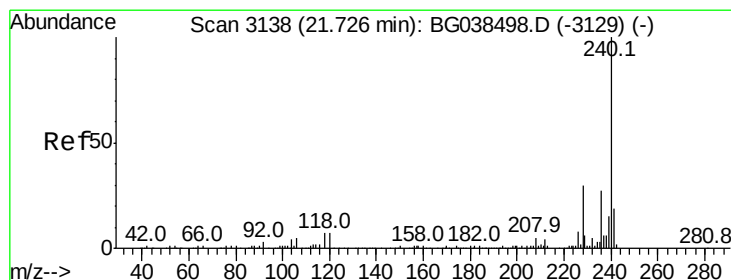
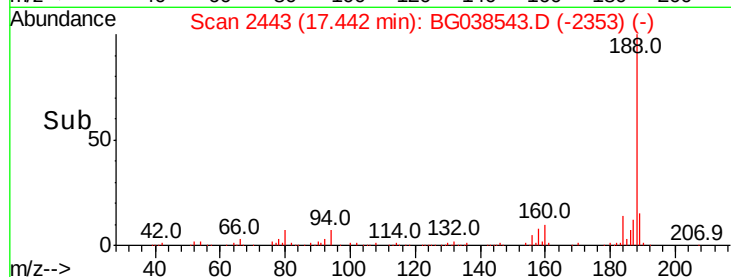
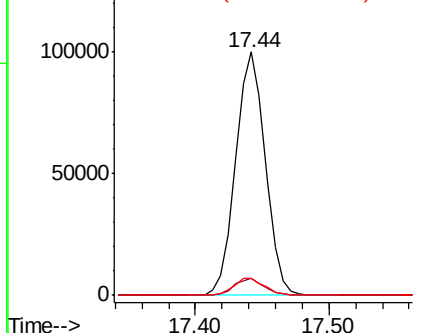
Sohil
12/14/2018 12:56:30 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038543.D

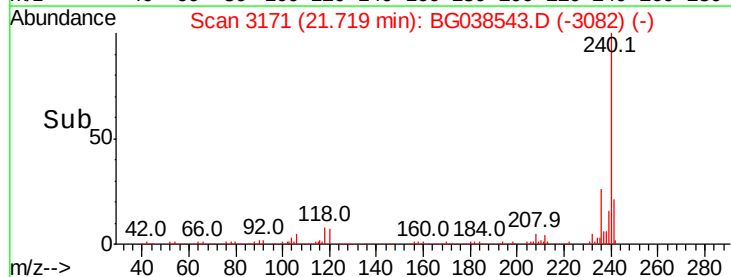
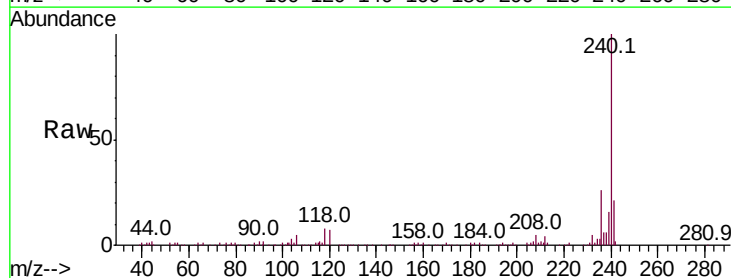
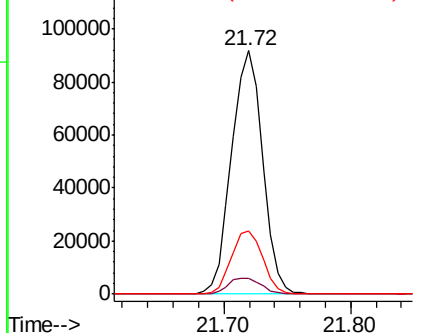
Acq: 13 Dec 2018 22:01

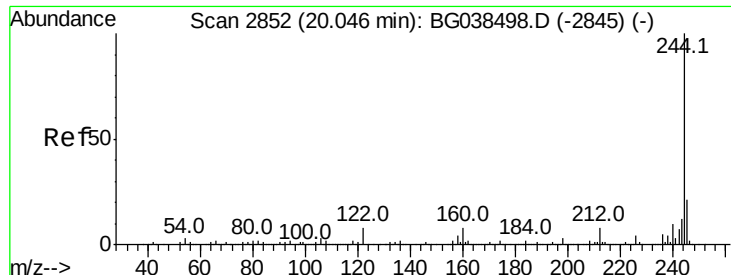
Tgt Ion:	240	Resp:	156037
Ion Ratio	Lower	Upper	
240	100		
120	6.7	5.3	7.9
236	25.9	21.4	32.2

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





#79

Terphenyl-d14

Concen: 119.620 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038543.D

Acq: 13 Dec 2018 22:01

Instrument :

BNA_G

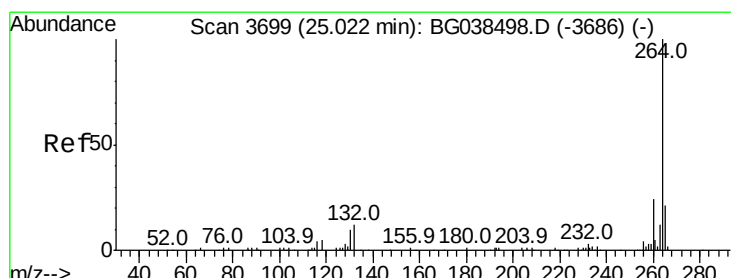
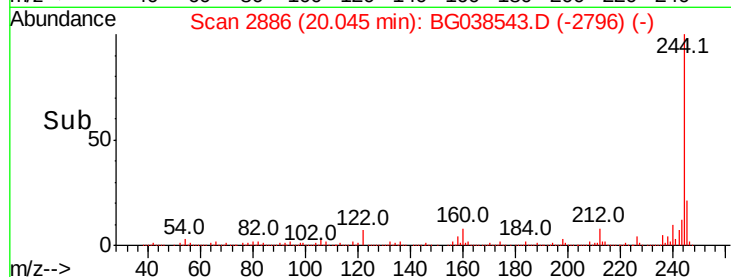
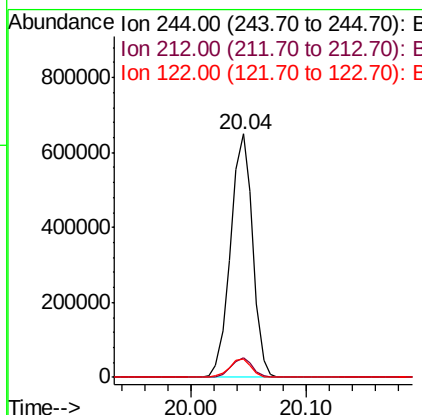
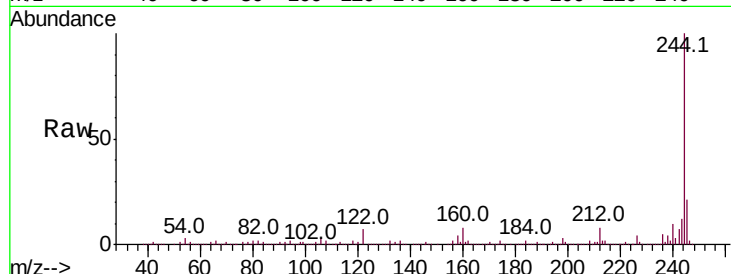
ClientSampleId :

GROUND-WATER

Tot Ion:	244	Resp:	857640
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.2	9.2
122	7.5	6.3	9.5

Manual Integrations
APPROVED

Sohil
12/14/2018 12:56:30 PM



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038543.D

Acq: 13 Dec 2018 22:01

Tgt Ion:	264	Resp:	169694
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.9	28.3
265	20.5	17.0	25.4

