

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024128.D
 Acq On : 24 Sep 2016 17:45
 Operator : UM/SJ
 Sample : H4865-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WATER

Manual Integrations
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Quant Time: Sep 26 01:38:51 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	48503	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	221272	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	170153	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	367401	20.00	ng	0.00
75) Chrysene-d12	21.79	240	423163	20.00	ng	0.00
86) Perylene-d12	25.13	264	419502	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	139247	49.74	ng	0.00
7) Phenol-d6	7.22	99	132731	28.18	ng	0.01
23) Nitrobenzene-d5	9.22	82	365915	65.18	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	237306	97.03	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	675820	66.76	ng	0.00
78) Terphenyl-d14	20.09	244	390708	18.91	ng	0.00
Target Compounds						
10) Phenol	7.25	94	11198	2.26	ng	94
49) Dimethylphthalate	14.16	163	453678	34.76	ng	100
73) Di-n-butylphthalate	18.43	149	61171	2.61	ng	# 94
83) Bis(2-ethylhexyl)phthalate	21.62	149	145015m	11.16	ng	

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

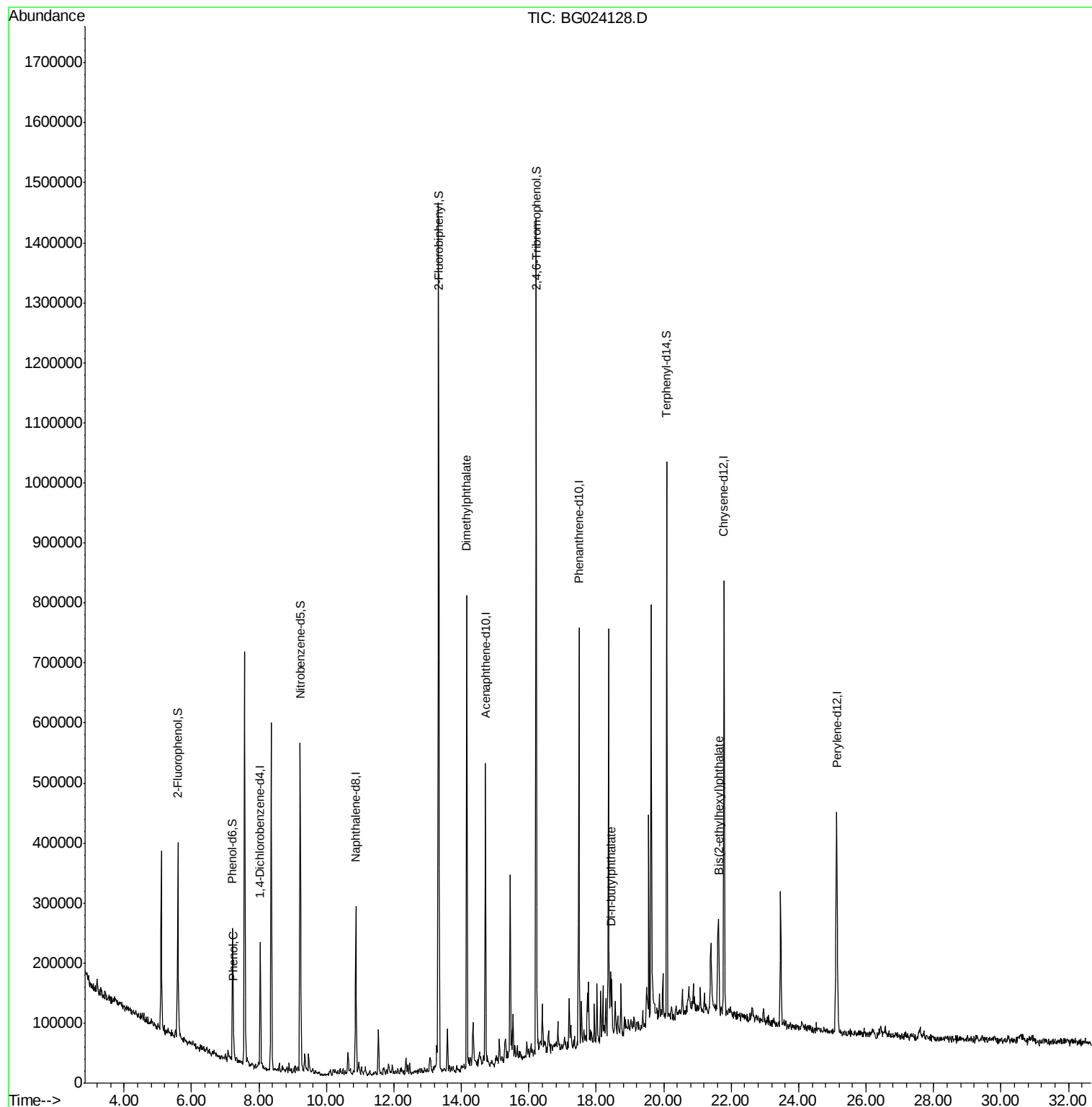
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024128.D
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Sample : H4865-02
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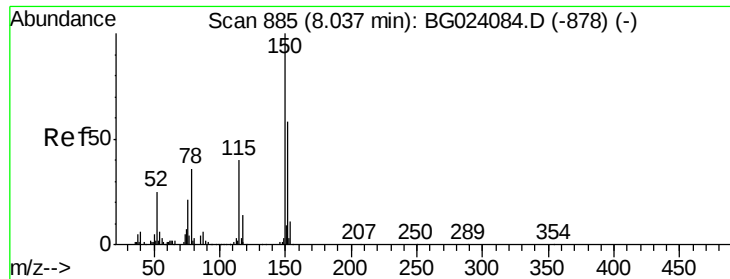
Instrument :
BNA_G
ClientSampleId :
WATER

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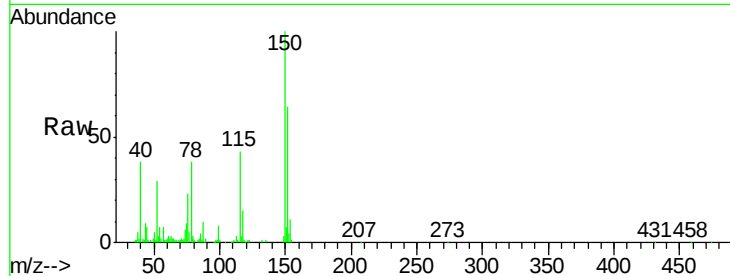




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.00 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

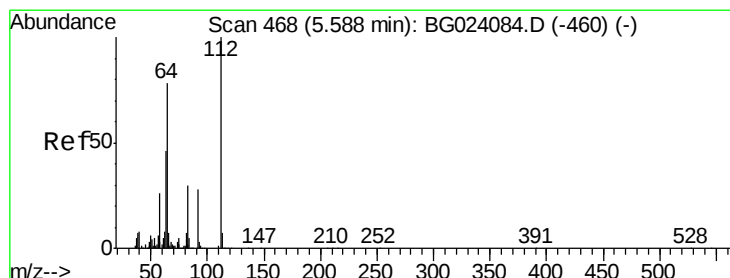
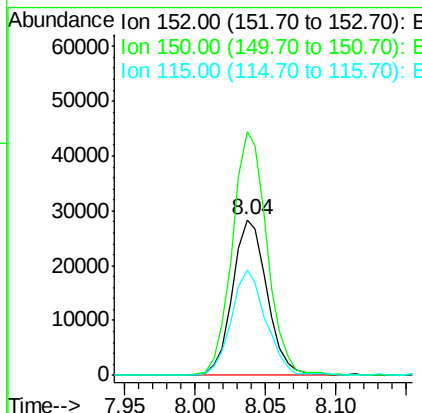
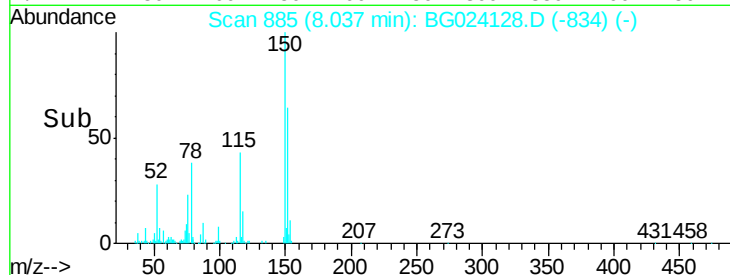
Instrument :
BNA_G
ClientSampleId :
WATER



Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	144.7	217.1
115	67.9	64.0	96.0

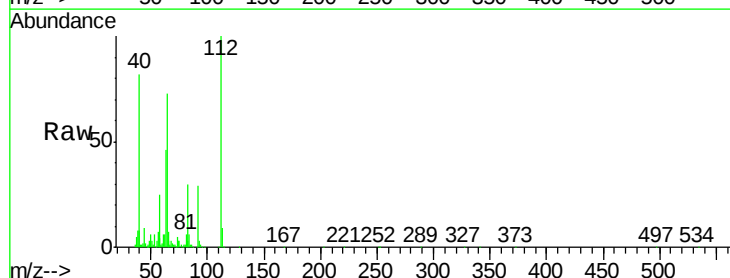
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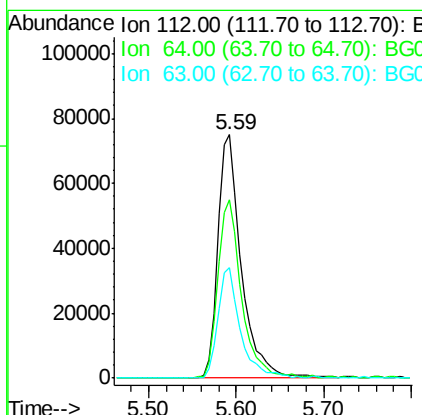
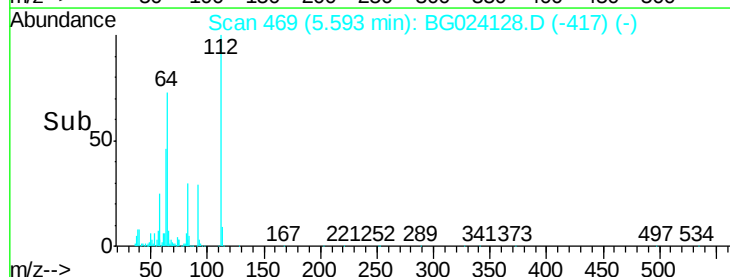


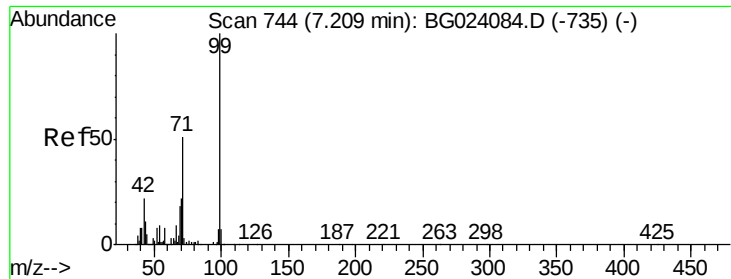
#5

2-Fluorophenol
Concen: 49.74 ng
RT: 5.59 min Scan# 469
Delta R.T. 0.01 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45



Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.1	59.0	88.4
63	45.5	37.8	56.8





#7

Phenol-d6

Concen: 28.18 ng

RT: 7.22 min Scan# 746

Delta R.T. 0.01 min

Lab File: BG024128.D

Acq: 24 Sep 2016 17:45

Instrument :

BNA_G

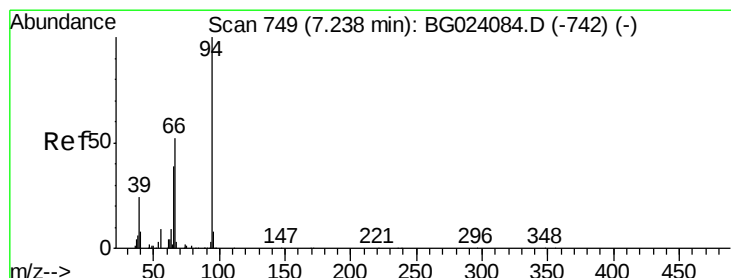
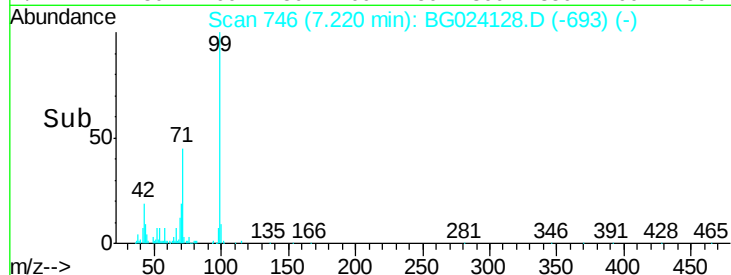
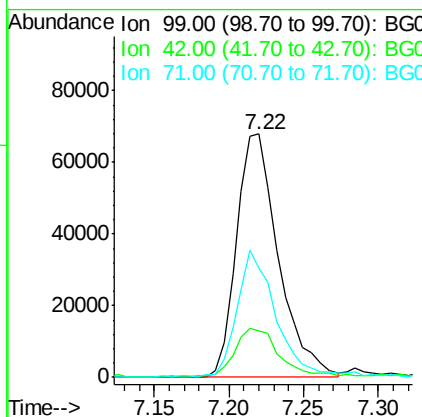
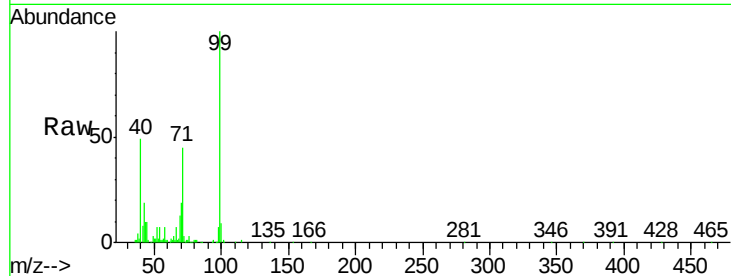
ClientSampleId :

WATER

Tgt Ion:	99	Resp:	132731
Ion Ratio	Lower	Upper	
99	100		
42	19.3	17.8	26.6
71	45.1	41.5	62.3

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#10

Phenol

Concen: 2.26 ng

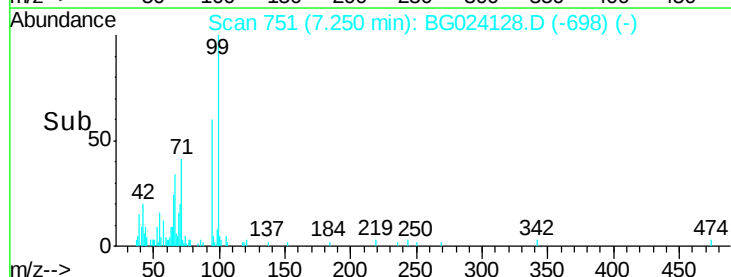
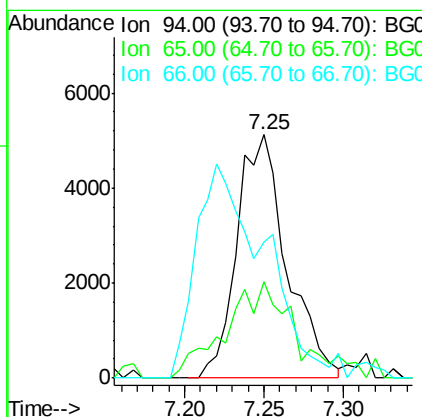
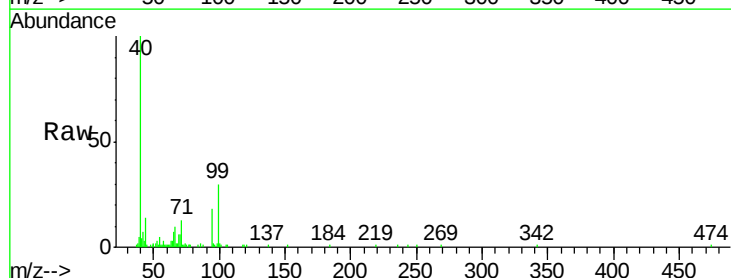
RT: 7.25 min Scan# 751

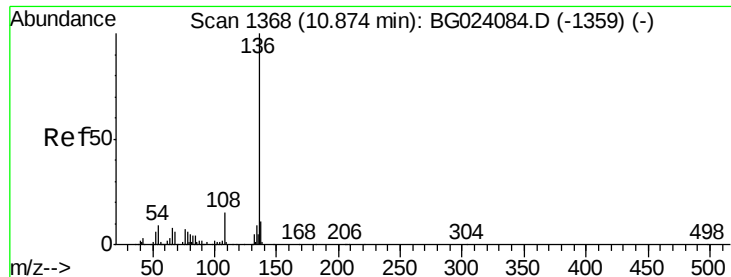
Delta R.T. 0.01 min

Lab File: BG024128.D

Acq: 24 Sep 2016 17:45

Tgt Ion:	94	Resp:	11198
Ion Ratio	Lower	Upper	
94	100		
65	39.5	18.1	58.1
66	55.7	42.1	82.1





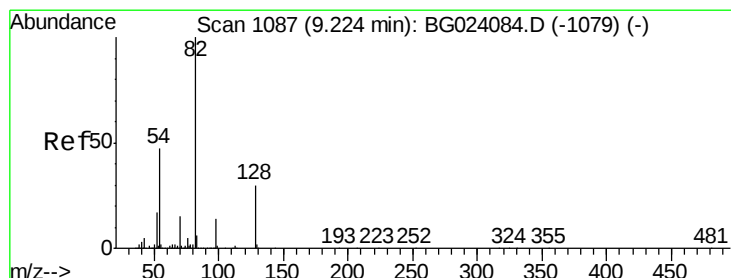
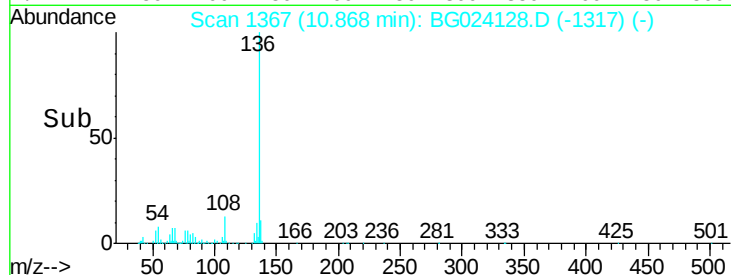
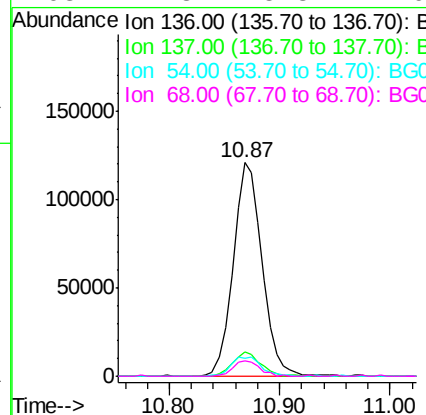
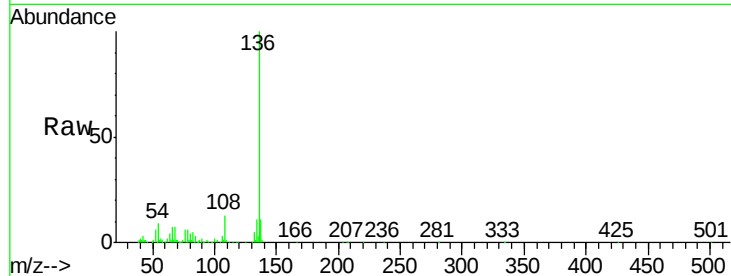
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Instrument :
BNA_G
ClientSampleId :
WATER

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	221272		
137	11.3	9.6	14.4	
54	8.6	7.3	10.9	
68	7.3	5.3	7.9	

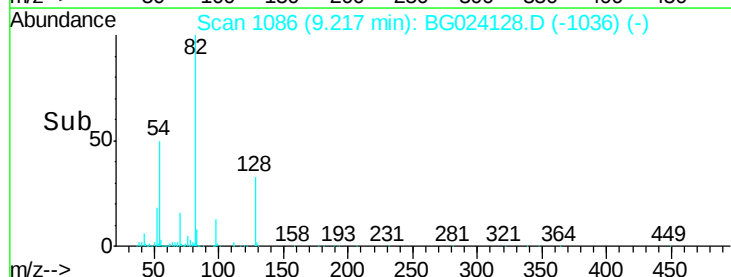
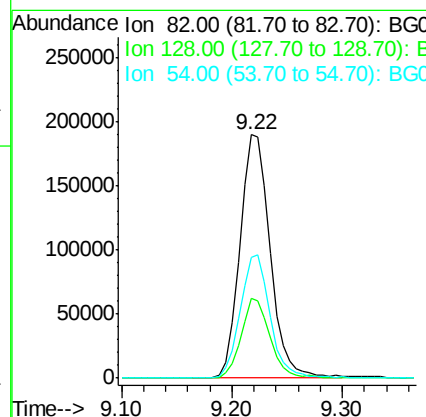
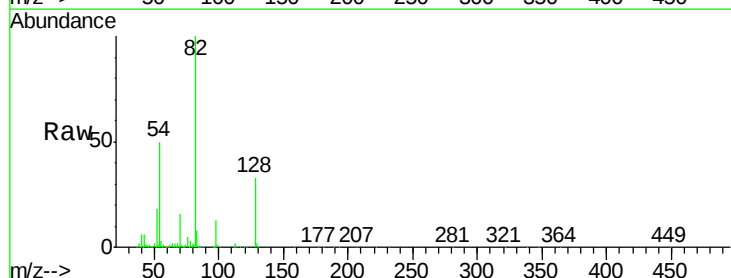
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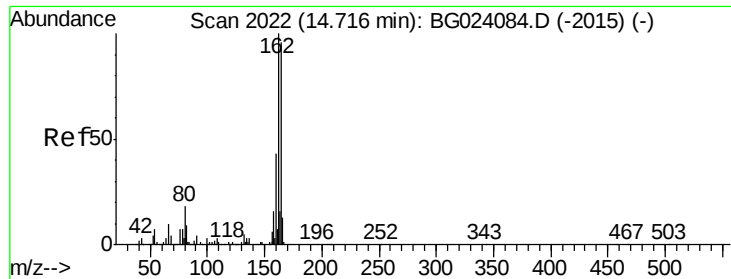
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#23
Nitrobenzene-d5
Concen: 65.18 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	365915		
128	32.8	24.4	36.6	
54	49.7	41.4	62.0	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.72 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BG024128.D

Acq: 24 Sep 2016 17:45

Instrument :

BNA_G

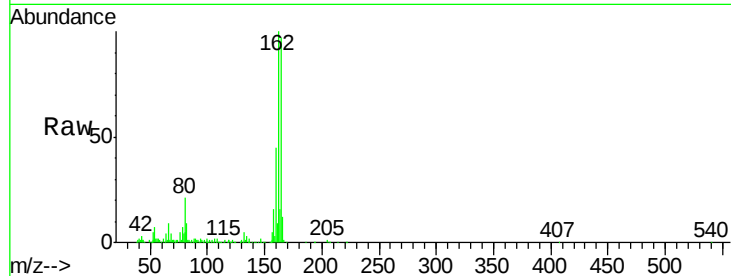
ClientSampleId :

WATER

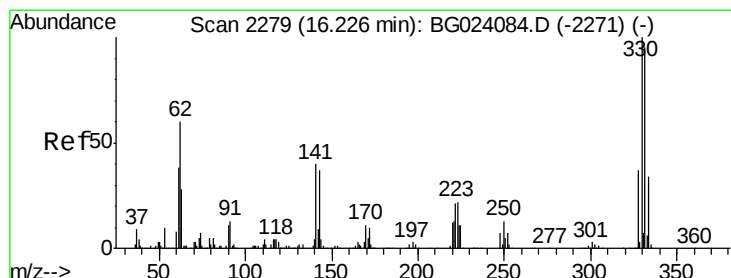
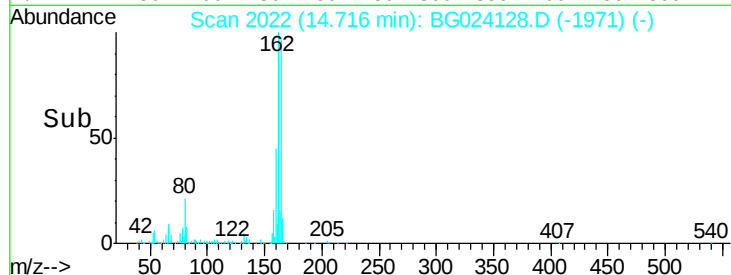
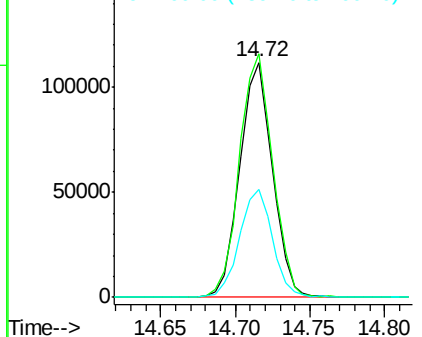
Tgt Ion:	164	Resp:	170153
Ion Ratio		Lower	Upper
164	100		
162	103.6	87.7	131.5
160	46.2	37.2	55.8

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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: 97.03 ng

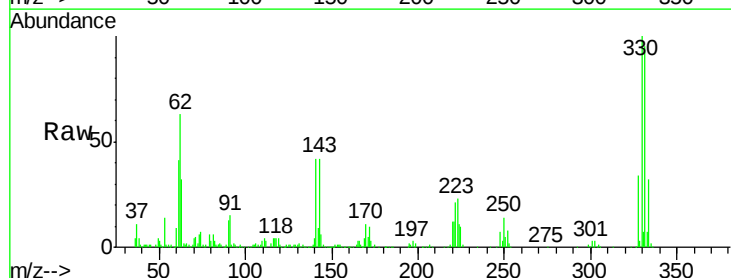
RT: 16.22 min Scan# 2278

Delta R.T. -0.01 min

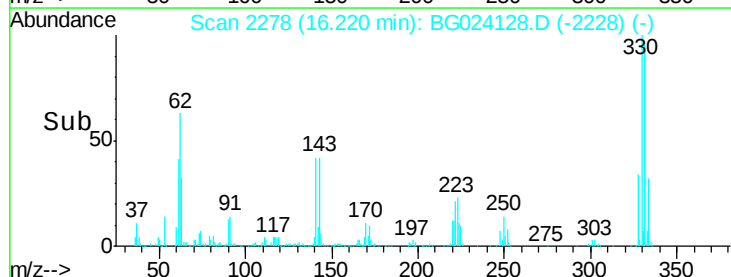
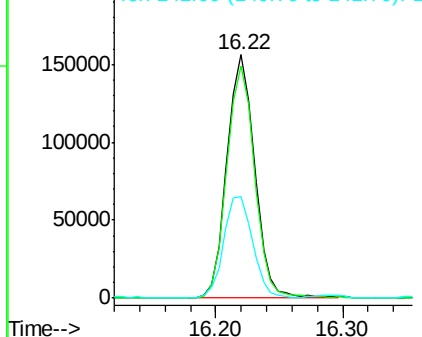
Lab File: BG024128.D

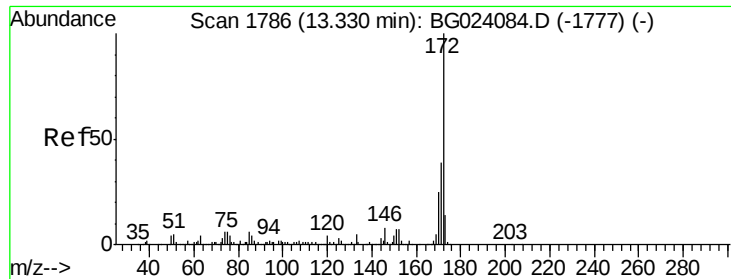
Acq: 24 Sep 2016 17:45

Tgt Ion:	330	Resp:	237306
Ion Ratio		Lower	Upper
330	100		
332	95.5	77.4	116.2
141	43.5	31.7	47.5



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





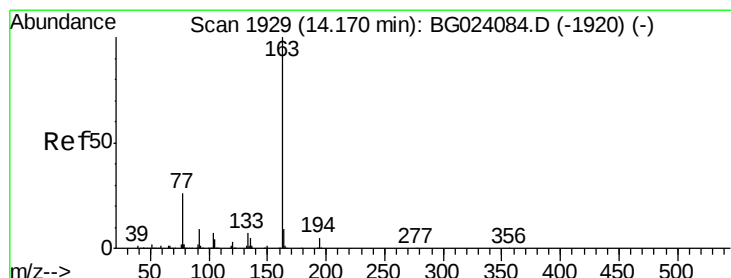
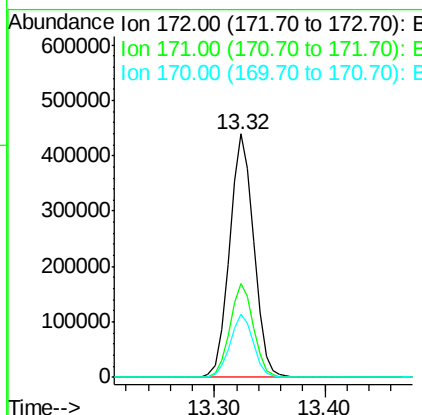
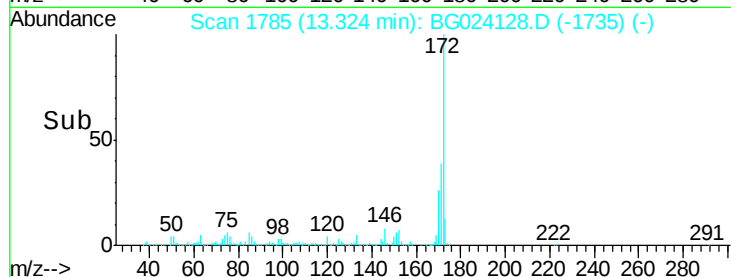
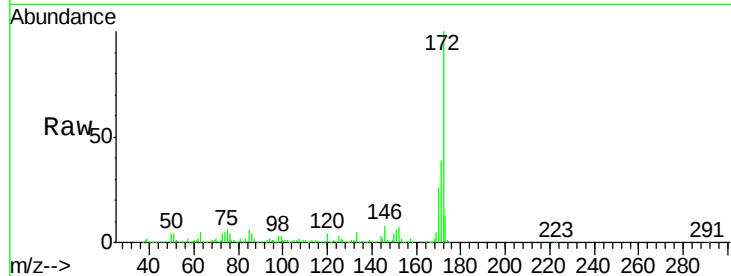
#44
2-Fluorobiphenyl
Concen: 66.76 ng
RT: 13.32 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Instrument :
BNA_G
ClientSampled :
WATER

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.6	47.4
170	25.9	21.3	31.9

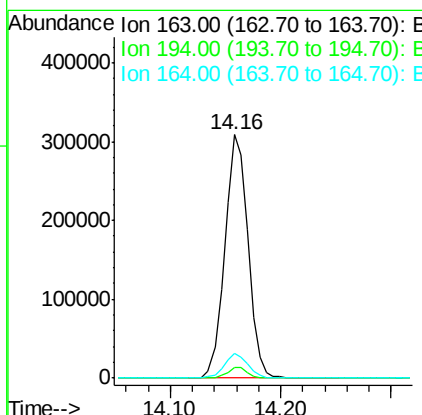
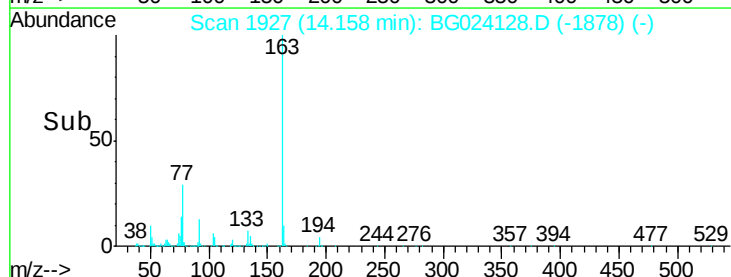
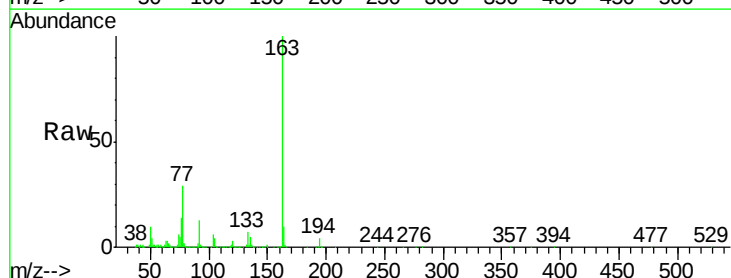
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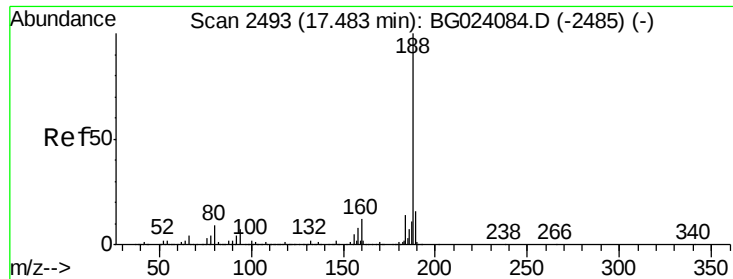
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#49
Dimethylphthalate
Concen: 34.76 ng
RT: 14.16 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.2	8.1	12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG024128.D

Acq: 24 Sep 2016 17:45

Instrument :

BNA_G

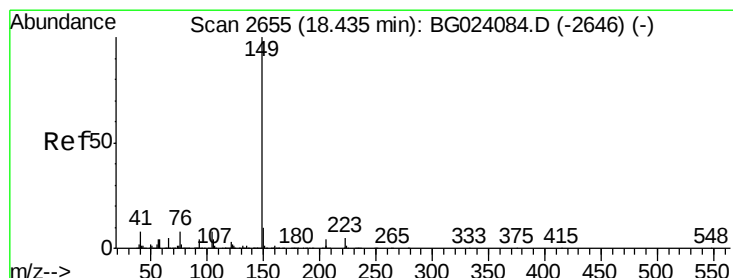
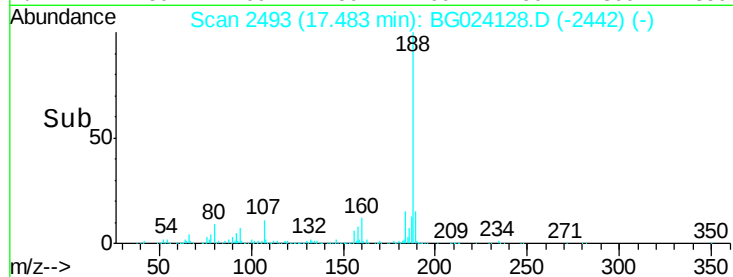
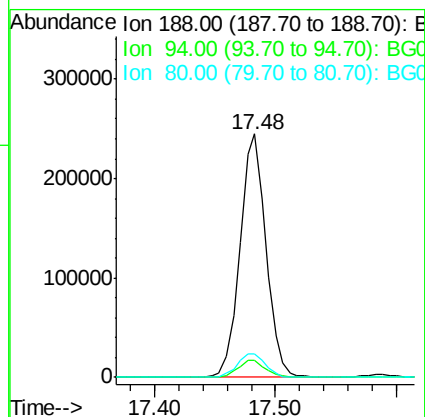
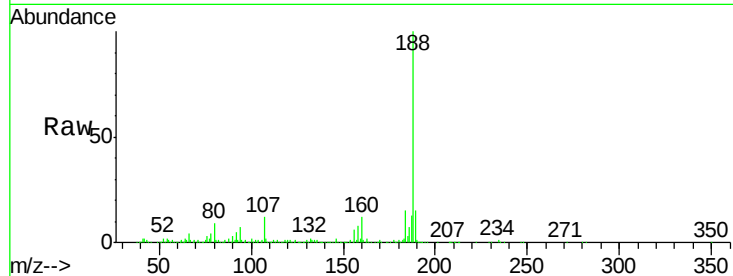
ClientSampleId :

WATER

Tgt Ion:	188	Resp:	367401
Ion Ratio	Lower	Upper	
188	100		
94	7.0	5.2	7.8
80	9.4	7.2	10.8

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#73

Di-n-butylphthalate

Concen: 2.61 ng

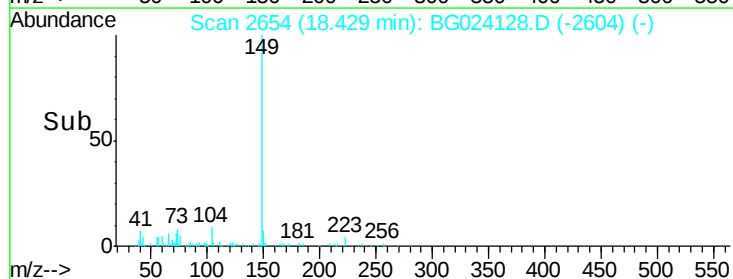
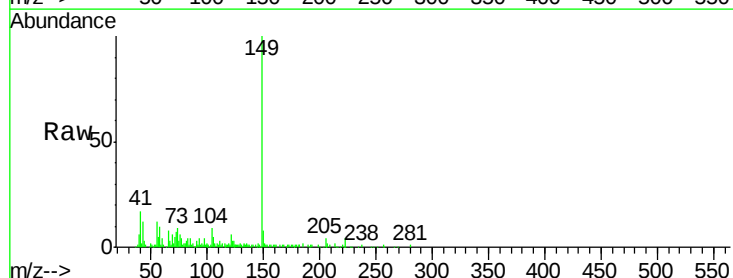
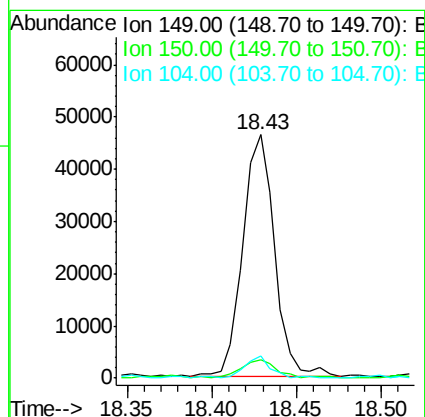
RT: 18.43 min Scan# 2654

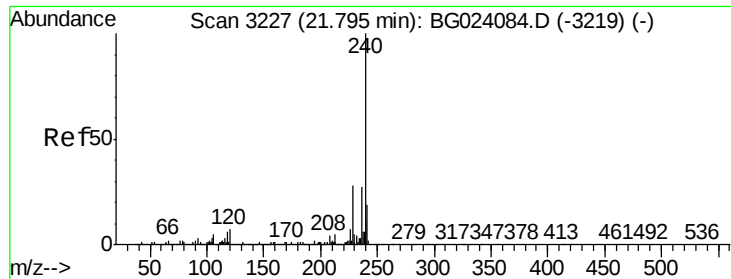
Delta R.T. -0.01 min

Lab File: BG024128.D

Acq: 24 Sep 2016 17:45

Tgt Ion:	149	Resp:	61171
Ion Ratio	Lower	Upper	
149	100		
150	7.8	9.1	13.7#
104	9.1	6.9	10.3





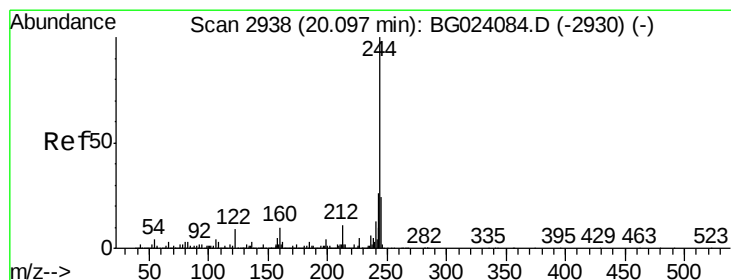
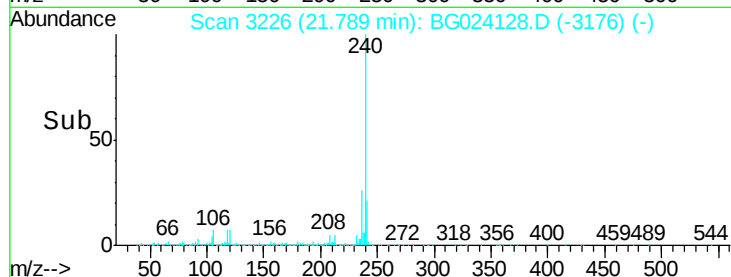
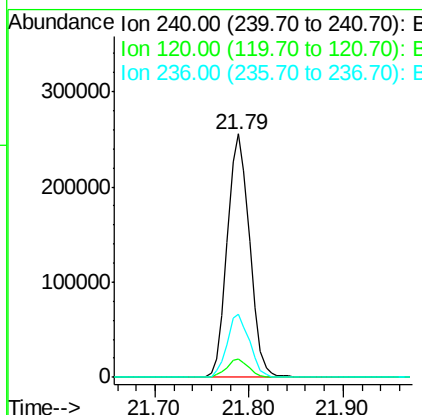
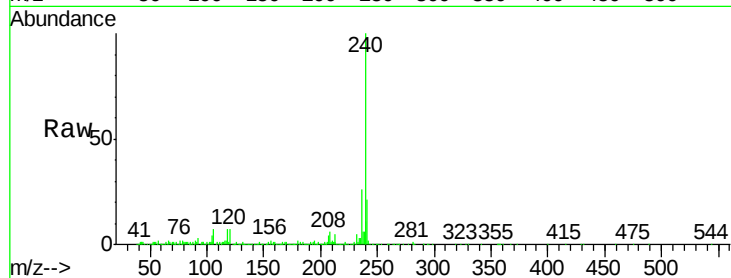
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Instrument :
BNA_G
ClientSampleId :
WATER

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	4.1	6.1#
236	25.8	21.1	31.7

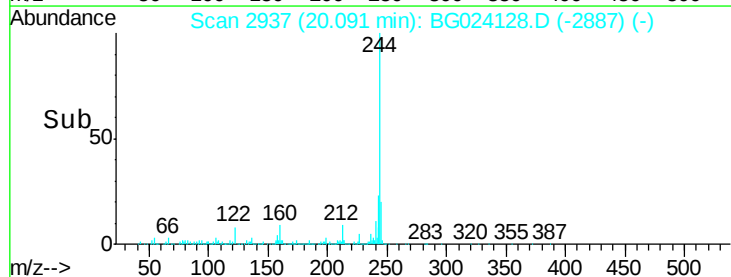
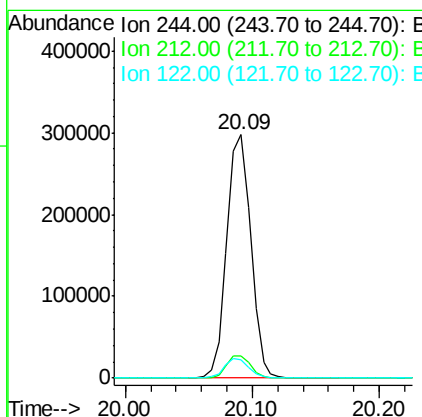
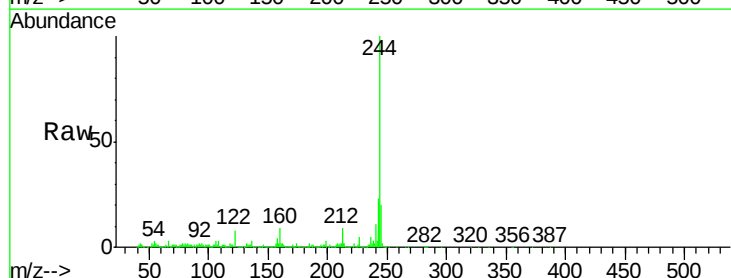
Manual Integrations
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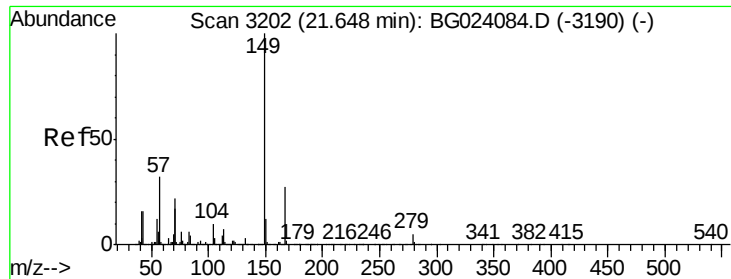
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#78
Terphenyl-d14
Concen: 18.91 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.01 min
Lab File: BG024128.D
Acq: 24 Sep 2016 17:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	10.8	16.2#
122	7.5	8.0	12.0#





#83

Bis(2-ethylhexyl)phthalate

Concen: 11.16 ng m

RT: 21.62 min Scan# 3198

Delta R.T. -0.02 min

Lab File: BG024128.D

Acq: 24 Sep 2016 17:45

Instrument :

BNA_G

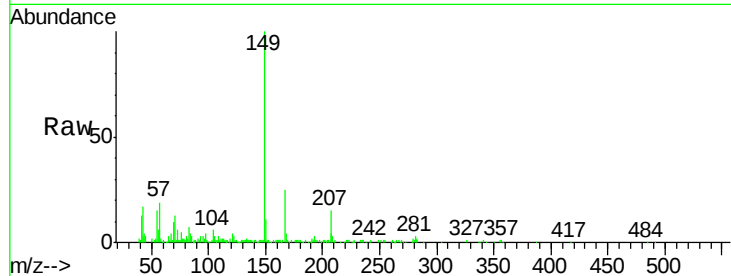
ClientSampled :

WATER

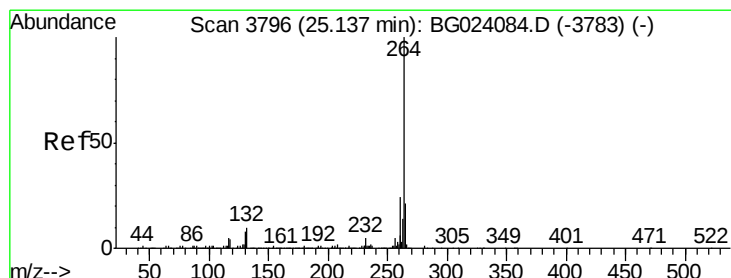
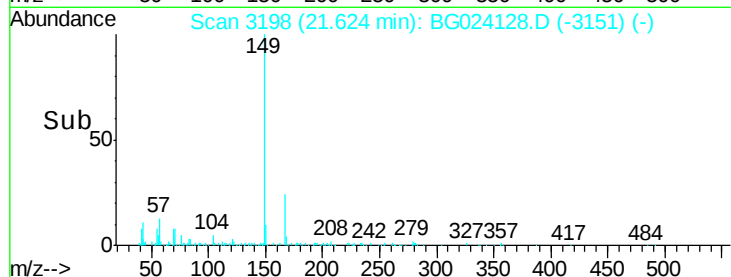
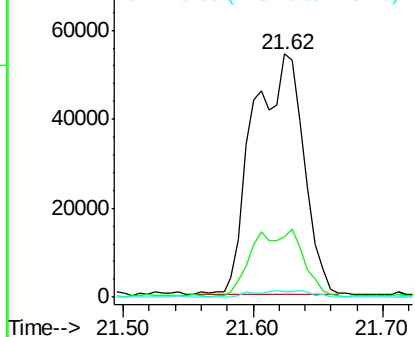
Tgt Ion:	149	Resp:	145015
Ion Ratio	Lower	Upper	
149	100		
167	24.7	24.0	36.0
279	2.3	4.8	7.2#

Manual Integrations
APPROVED

sohil
9/26/2016 6:40:55 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

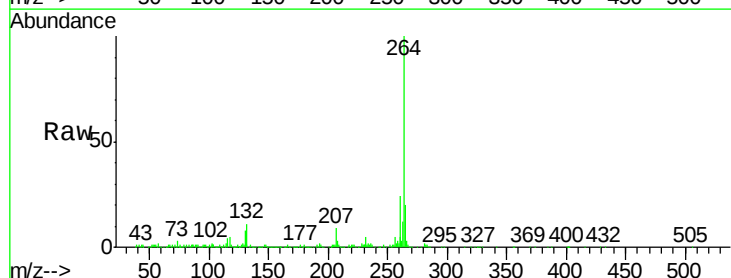
RT: 25.13 min Scan# 3794

Delta R.T. -0.01 min

Lab File: BG024128.D

Acq: 24 Sep 2016 17:45

Tgt Ion:	264	Resp:	419502
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.4	27.6
265	19.9	18.9	28.3



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

