

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024102.D
 Acq On : 24 Sep 2016 00:31
 Operator : UM/SJ
 Sample : H4818-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-05-QT4

Manual Integrations
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Quant Time: Sep 26 10:40:13 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	38080	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	169912	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	143549	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	372407	20.00	ng	0.00
75) Chrysene-d12	21.79	240	430633	20.00	ng	0.00
86) Perylene-d12	25.12	264	416706	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	314803	143.22	ng	0.00
7) Phenol-d6	7.21	99	479874	129.75	ng	0.00
23) Nitrobenzene-d5	9.22	82	348473	80.83	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	264693	128.28	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	722394	84.59	ng	0.00
78) Terphenyl-d14	20.09	244	1516689	72.12	ng	0.00
Target Compounds						
32) Benzoic acid	10.34	122	2151m	3.25	ng	Qvalue # 83
40) Hexachlorocyclopentadiene	12.87	237	592m	3.98	ng	
52) 3-Nitroaniline	14.67	138	7279m	3.15	ng	
55) 4-Nitrophenol	15.08	139	1422	6.07	ng	
64) 4,6-Dinitro-2-methylphenol	15.90	198	5334	2.06	ng	
69) Pentachlorophenol	17.17	266	5108m	5.50	ng	

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

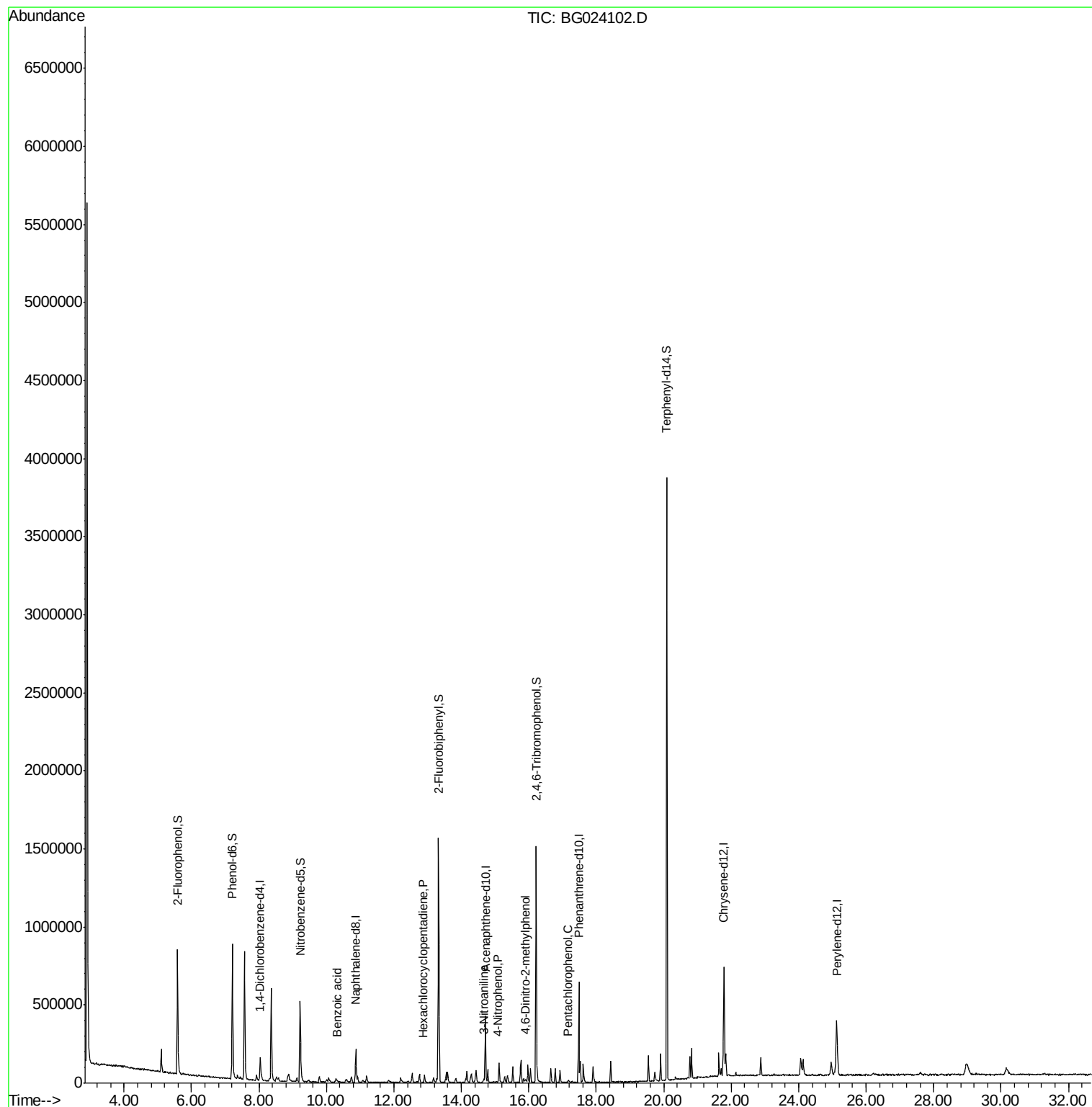
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024102.D
Acq On : 24 Sep 2016 00:31
Operator : UM/SJ
Sample : H4818-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

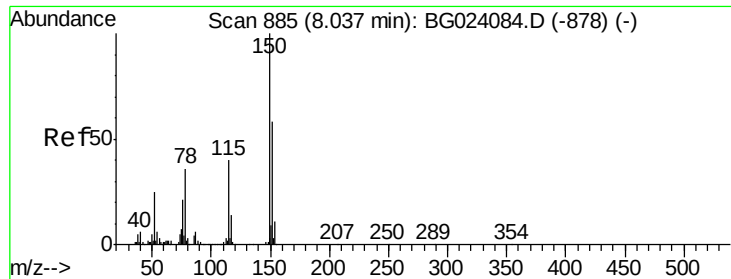
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-05-QT4

Manual Integrations
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Quant Time: Sep 26 10:40:13 2016
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#1

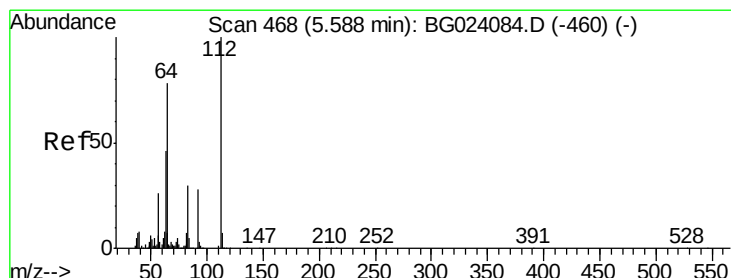
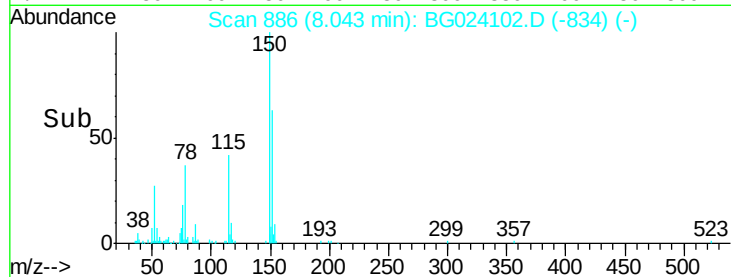
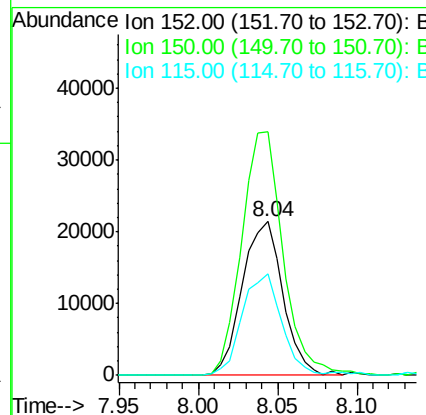
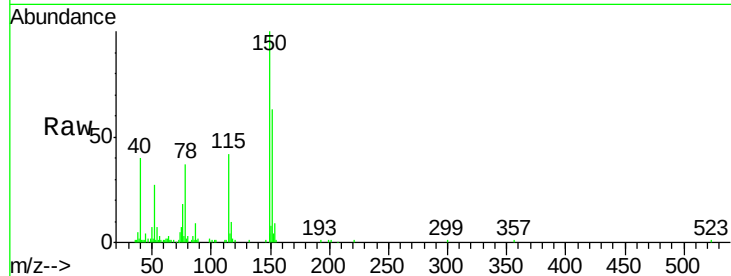
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.01 min
Lab File: BG024102.D
Acq: 24 Sep 2016 00:31

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.7	144.7	217.1
115	66.3	64.0	96.0

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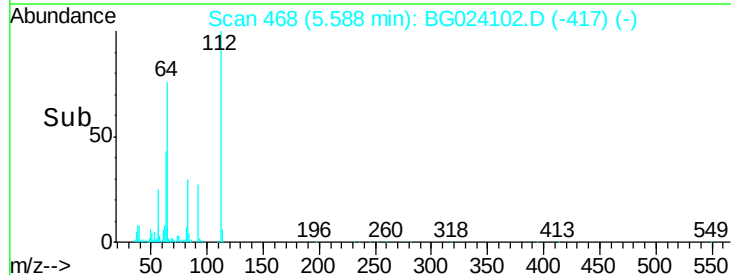
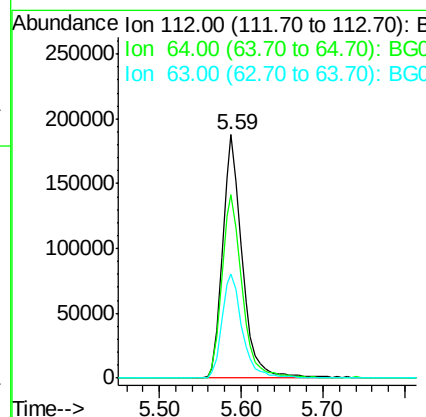
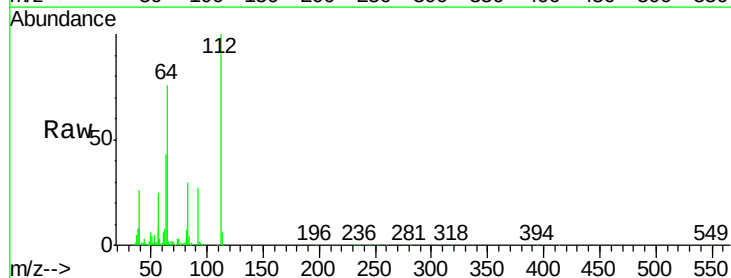
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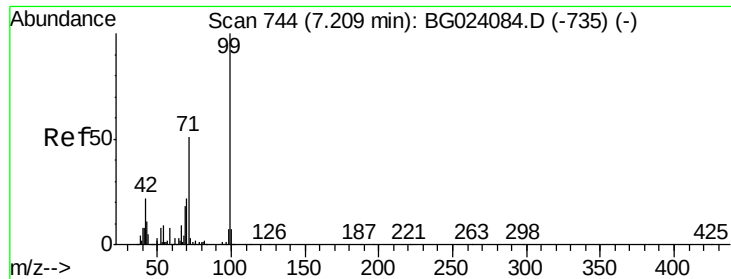


#5

2-Fluorophenol
Concen: 143.22 ng
RT: 5.59 min Scan# 468
Delta R.T. 0.00 min
Lab File: BG024102.D
Acq: 24 Sep 2016 00:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.6	59.0	88.4
63	43.0	37.8	56.8





#7

Phenol-d6

Concen: 129.75 ng

RT: 7.21 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG024102.D

Acq: 24 Sep 2016 00:31

Instrument :

BNA_G

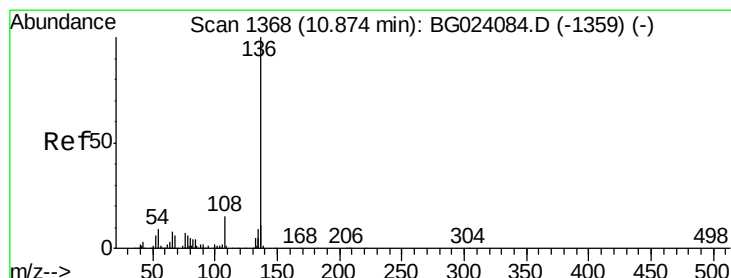
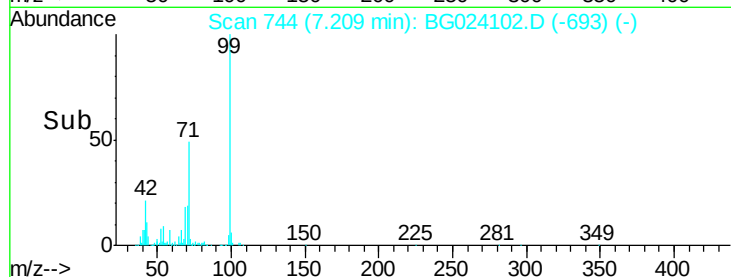
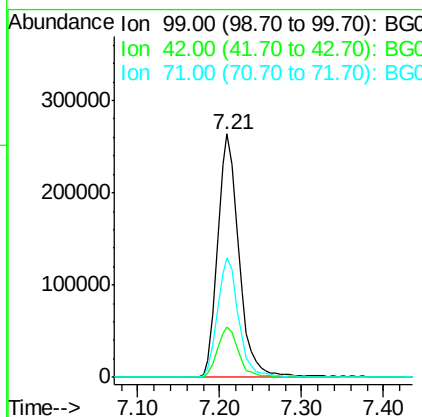
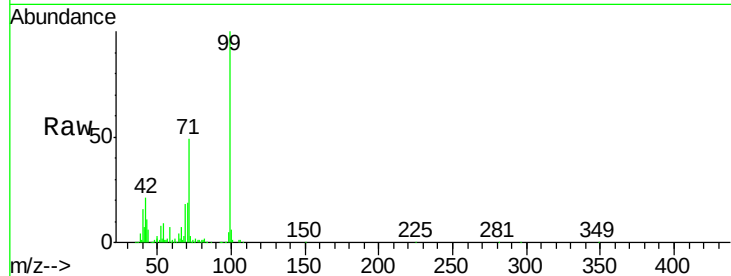
ClientSampleId :

LOD-WATER2016-05-QT4

Tgt Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.8	26.6
71	49.2	41.5	62.3

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#21

Naphthalene-d8

Concen: 20.00 ng

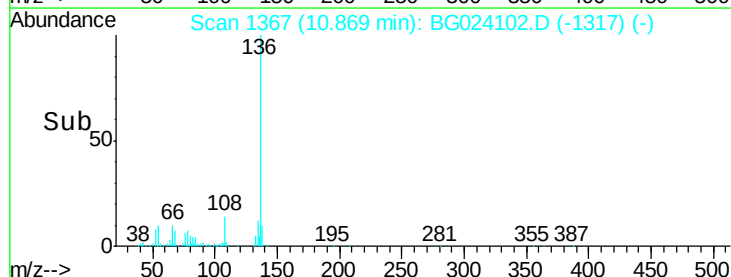
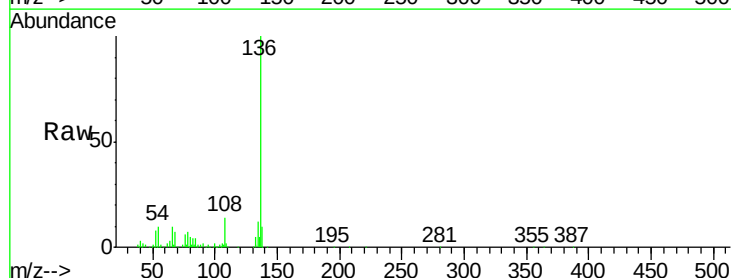
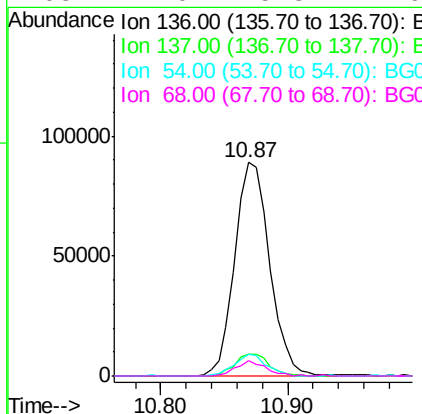
RT: 10.87 min Scan# 1367

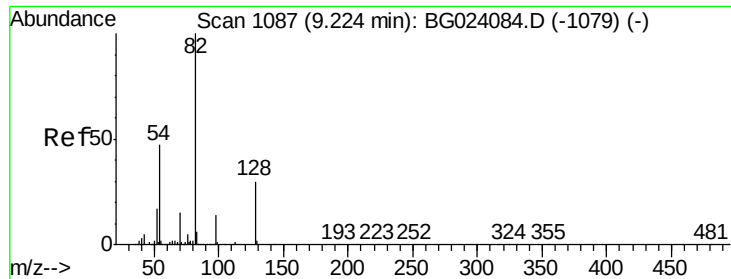
Delta R.T. -0.01 min

Lab File: BG024102.D

Acq: 24 Sep 2016 00:31

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.6	14.4
54	10.3	7.3	10.9
68	7.0	5.3	7.9





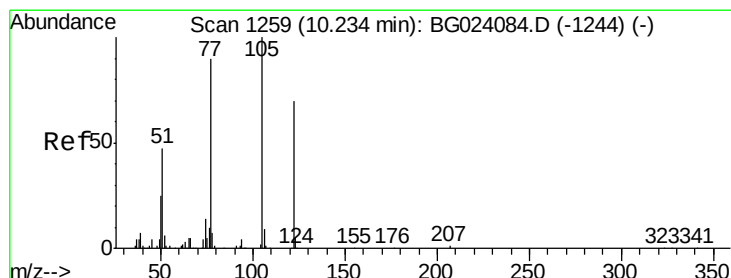
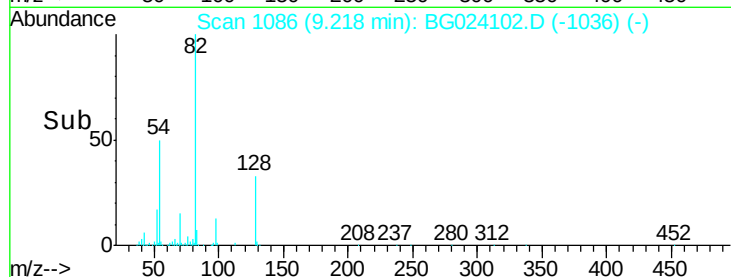
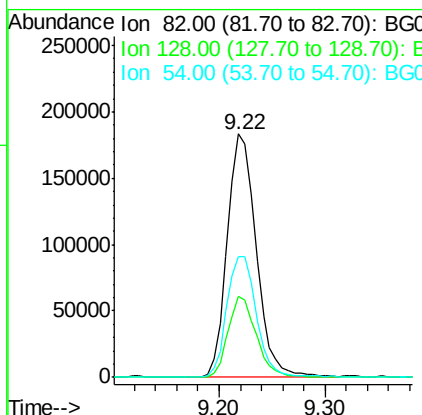
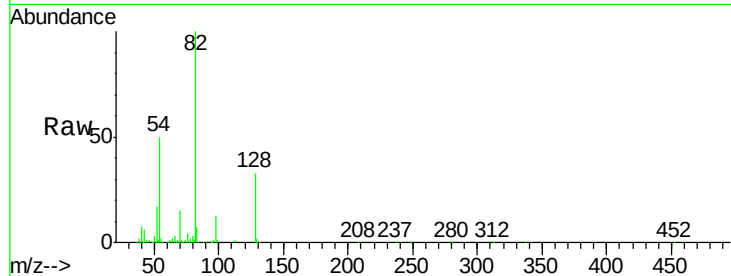
#23
 Nitrobenzene-d5
 Concen: 80.83 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BG024102.D
 Acq: 24 Sep 2016 00:31

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	348473		
128	33.4	24.4	36.6	
54	49.5	41.4	62.0	

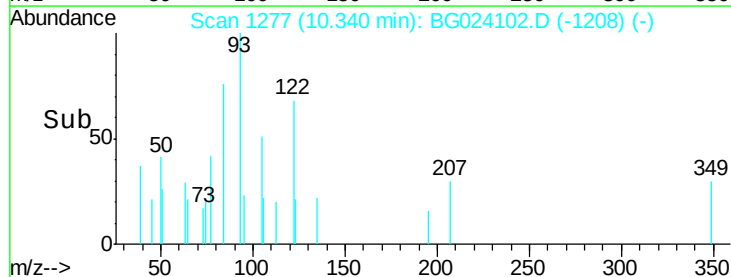
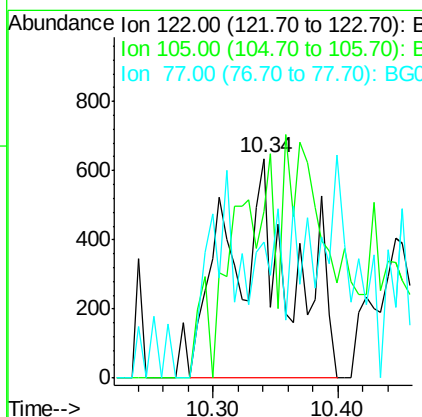
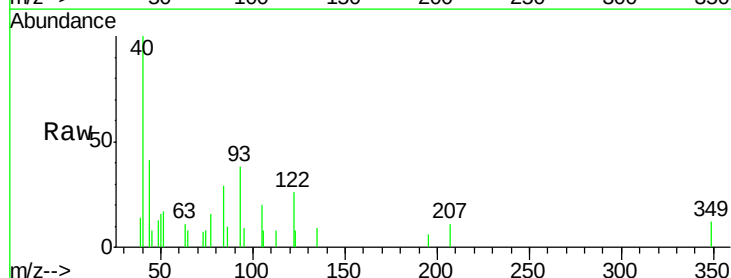
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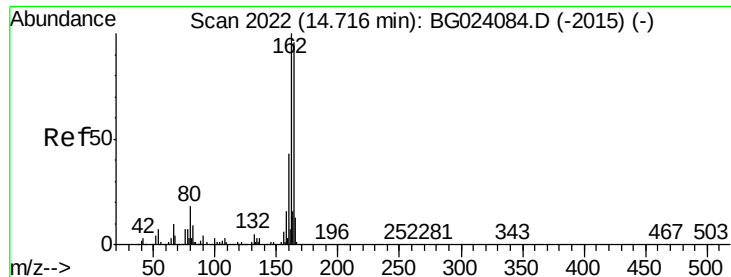
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#32
 Benzoic acid
 Concen: 3.25 ng m
 RT: 10.34 min Scan# 1277
 Delta R.T. 0.11 min
 Lab File: BG024102.D
 Acq: 24 Sep 2016 00:31

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	2151		
105	75.6	117.2	157.2#	
77	61.6	109.2	149.2#	





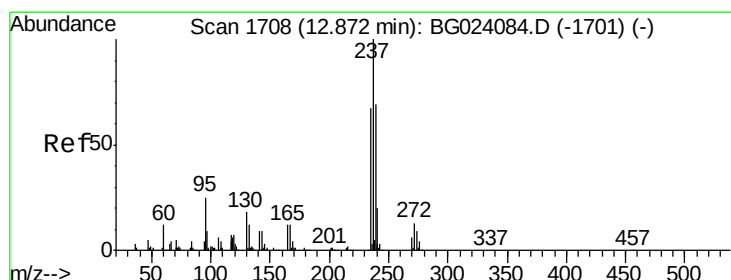
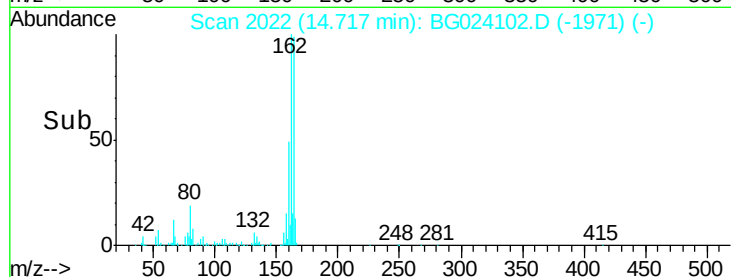
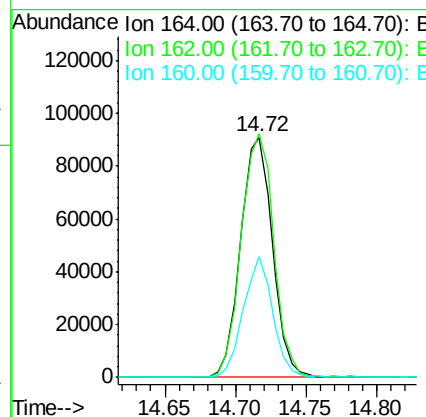
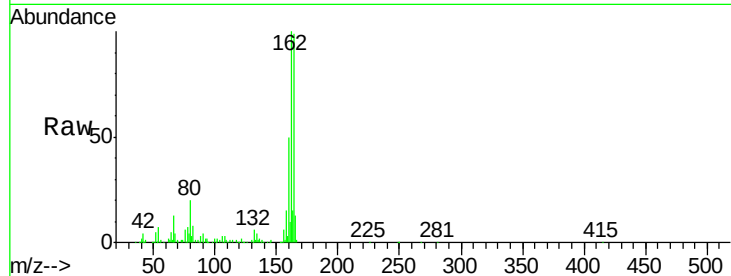
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG024102.D
Acq: 24 Sep 2016 00:31

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	87.7	131.5
160	50.6	37.2	55.8

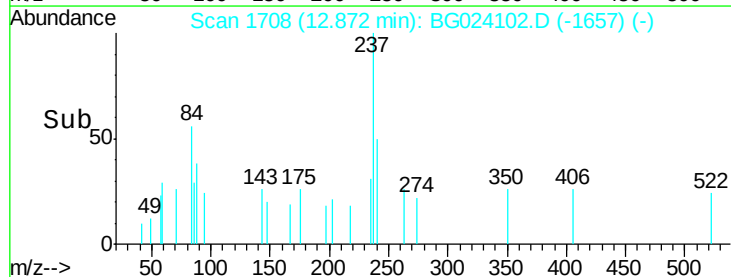
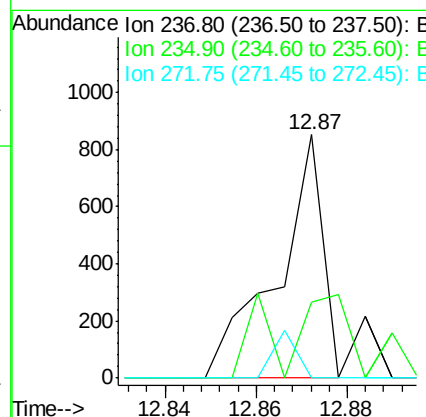
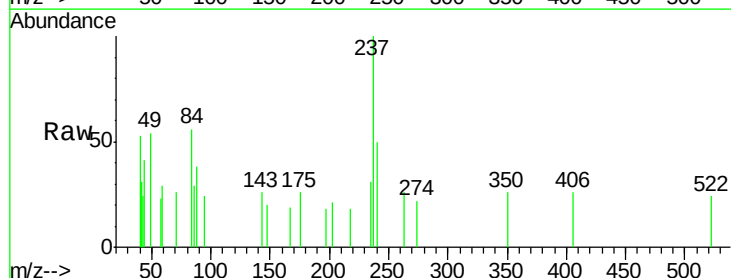
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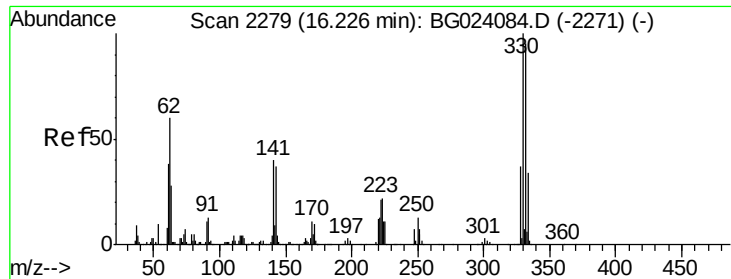
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#40
Hexachlorocyclopentadiene
Concen: 3.98 ng m
RT: 12.87 min Scan# 1708
Delta R.T. 0.00 min
Lab File: BG024102.D
Acq: 24 Sep 2016 00:31

Tgt Ion	Ratio	Lower	Upper
237	100		
235	31.2	43.1	83.1#
272	0.0	0.0	30.9





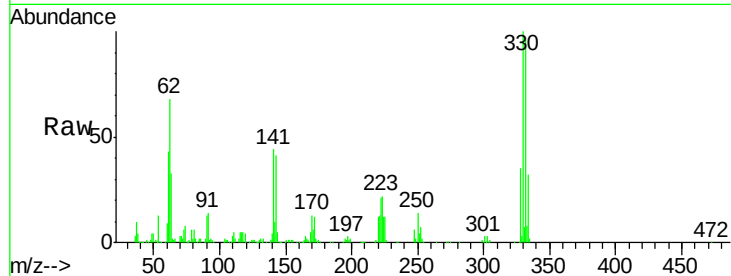
#41
 2,4,6-Tribromophenol
 Concen: 128.28 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG024102.D
 Acq: 24 Sep 2016 00:31

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	264693		
332	97.3	77.4	116.2	
141	44.4	31.7	47.5	

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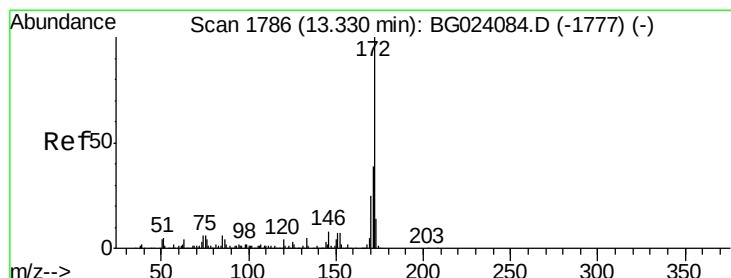
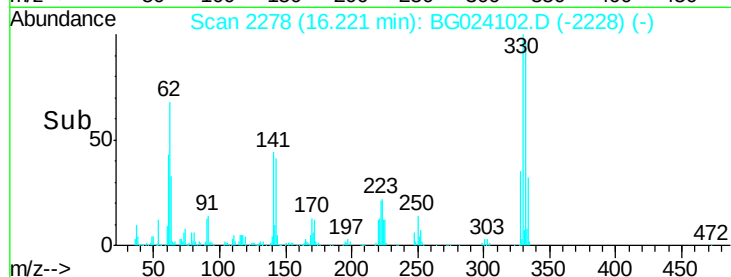
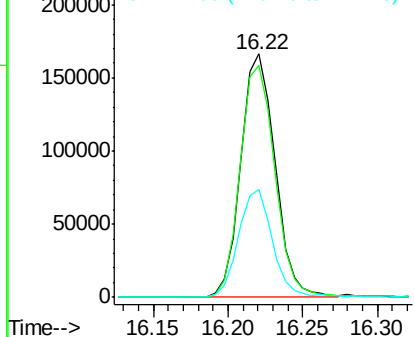


Abundance

Ion 329.80 (329.50 to 330.50): E

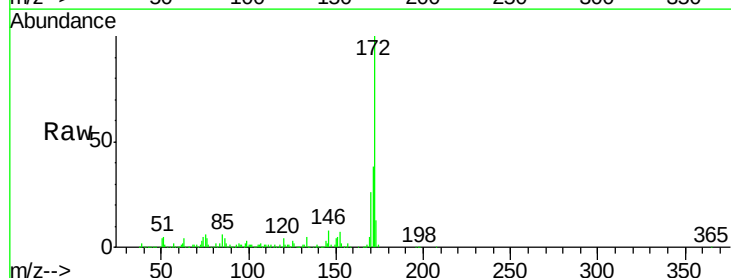
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.59 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG024102.D
 Acq: 24 Sep 2016 00:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	722394		
171	37.6	31.6	47.4	
170	26.3	21.3	31.9	

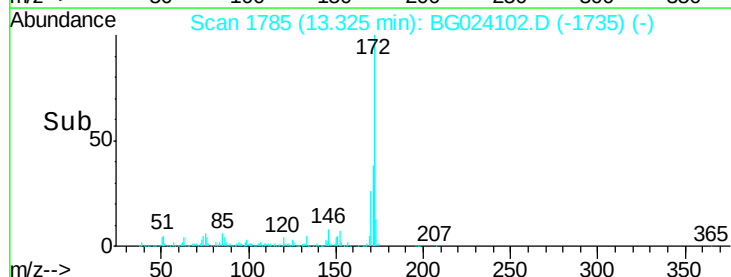
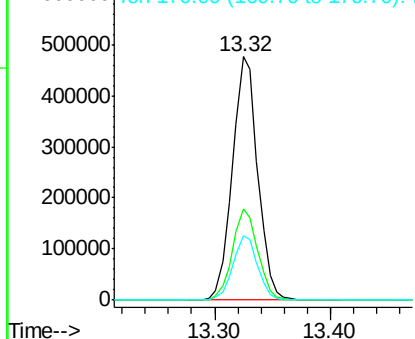


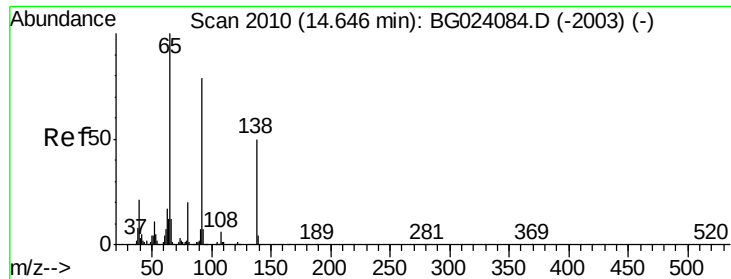
Abundance

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





#52

3-Nitroaniline

Concen: 3.15 ng m

RT: 14.67 min Scan# 2014

Delta R.T. 0.02 min

Lab File: BG024102.D

Acq: 24 Sep 2016 00:31

Instrument :

BNA_G

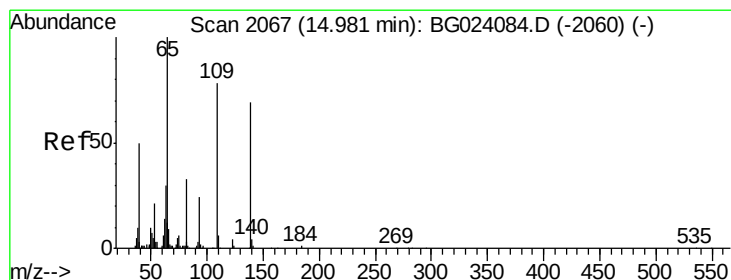
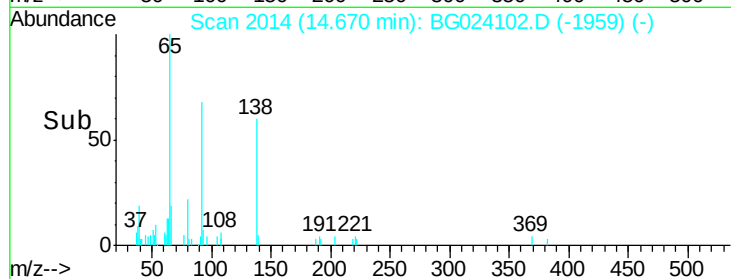
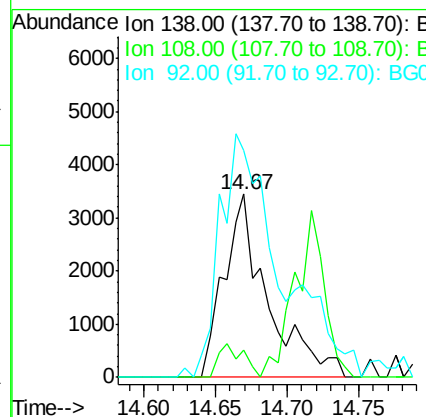
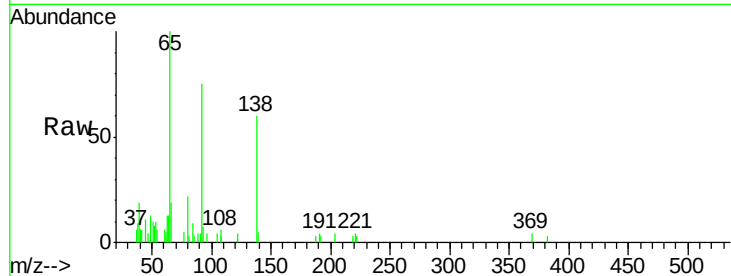
ClientSampleId :

LOD-WATER2016-05-QT4

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.7	11.7	17.5#
92	123.7	129.7	194.5#

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#55

4-Nitrophenol

Concen: 6.07 ng

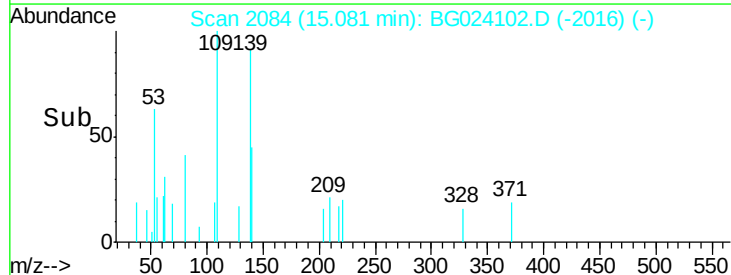
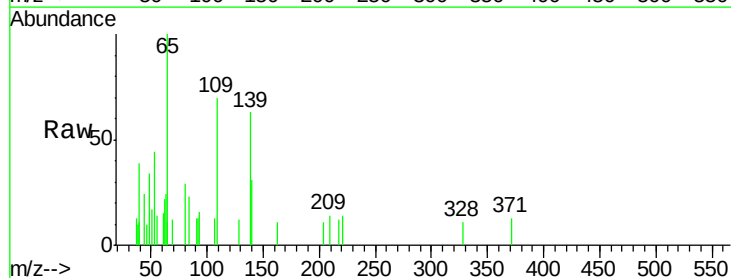
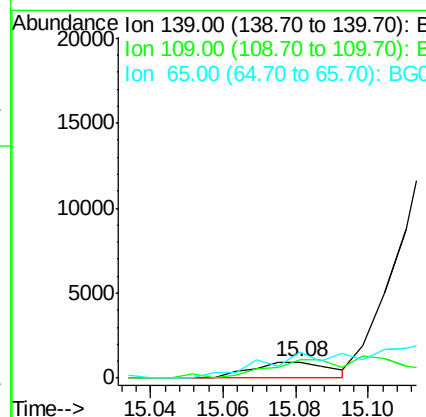
RT: 15.08 min Scan# 2084

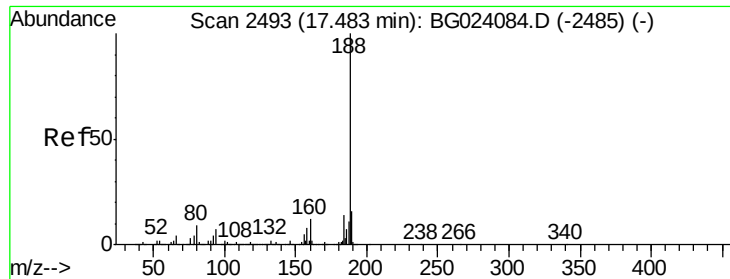
Delta R.T. 0.10 min

Lab File: BG024102.D

Acq: 24 Sep 2016 00:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	110.3	103.0	143.0
65	158.1	112.7	152.7#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG024102.D

Acq: 24 Sep 2016 00:31

Instrument :

BNA_G

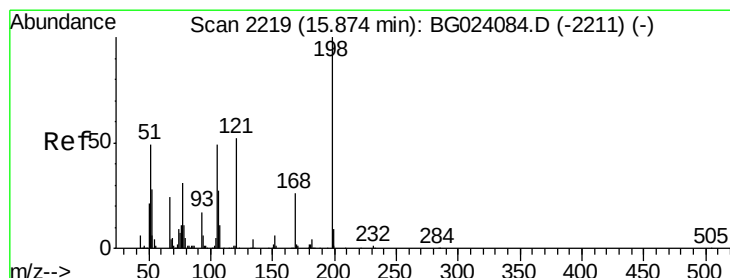
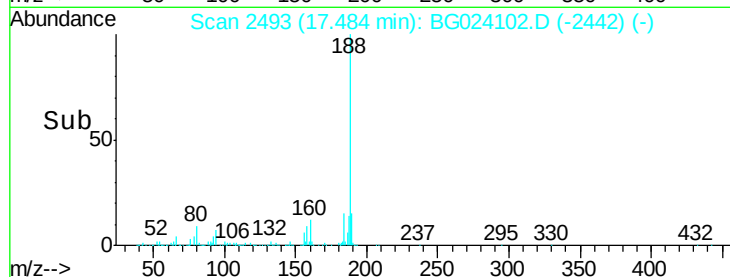
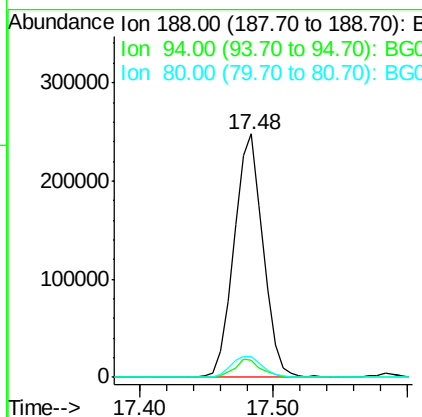
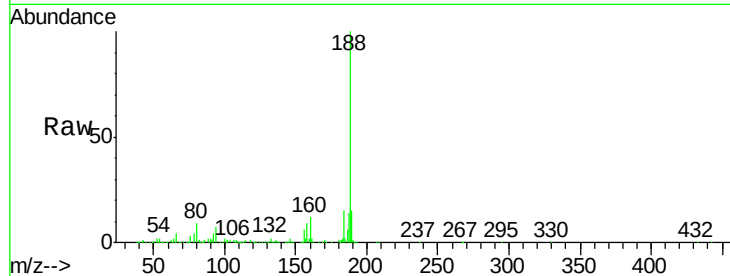
ClientSampleId :

LOD-WATER2016-05-QT4

Tgt Ion:	188	Resp:	372407
Ion Ratio	Lower	Upper	
188	100		
94	7.1	5.2	7.8
80	8.7	7.2	10.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 2.06 ng

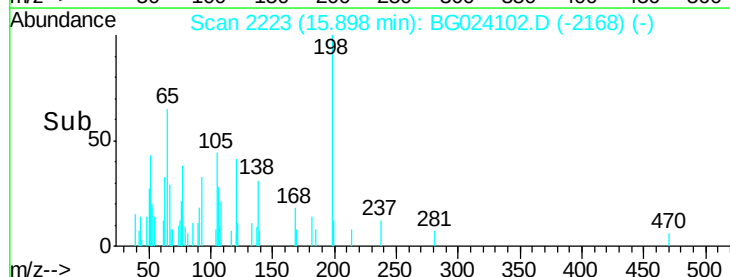
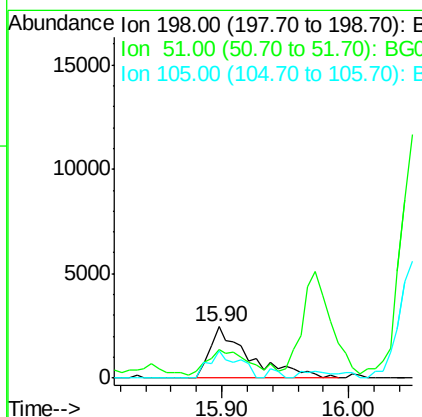
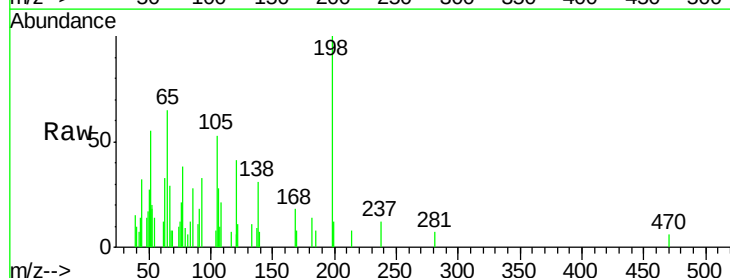
RT: 15.90 min Scan# 2223

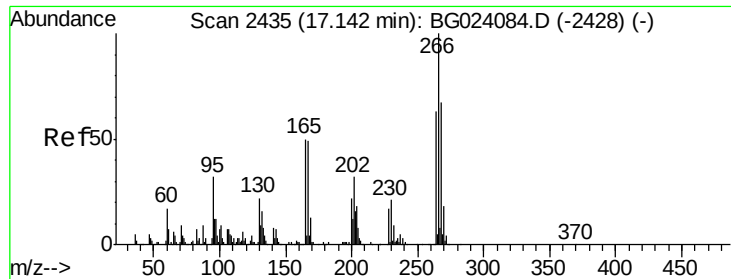
Delta R.T. 0.02 min

Lab File: BG024102.D

Acq: 24 Sep 2016 00:31

Tgt Ion:	198	Resp:	5334
Ion Ratio	Lower	Upper	
198	100		
51	54.9	26.0	66.0
105	53.0	20.1	60.1





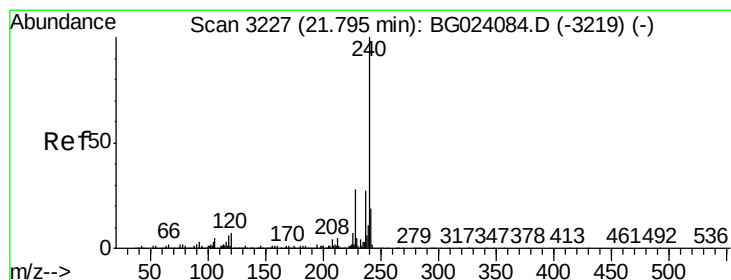
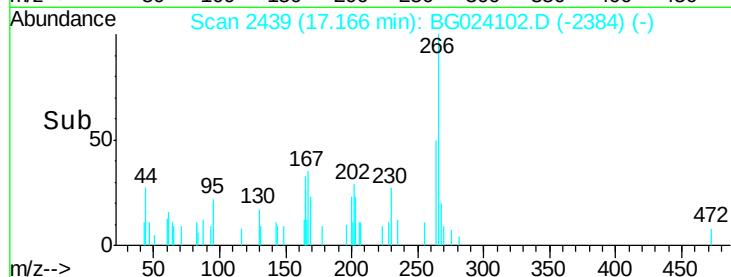
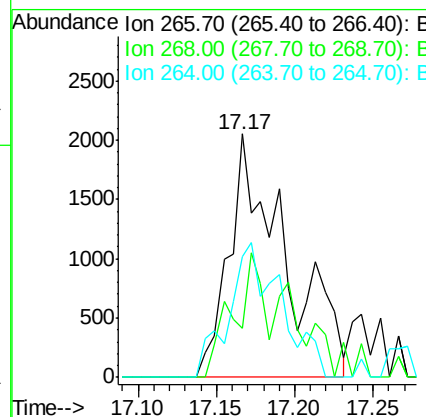
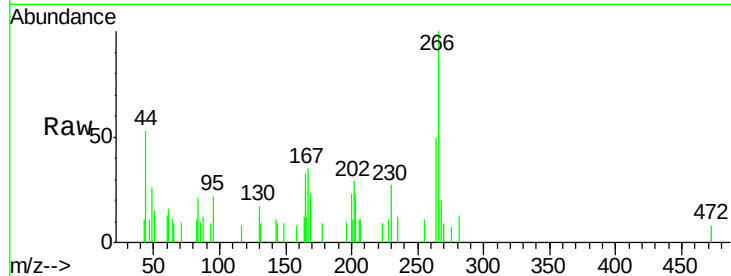
#69
 Pentachlorophenol
 Concen: 5.50 ng m
 RT: 17.17 min Scan# 2439
 Delta R.T. 0.02 min
 Lab File: BG024102.D
 Acq: 24 Sep 2016 00:31

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion	Ratio	Lower	Upper
266	100		
268	20.1	51.9	77.9#
264	49.8	50.6	75.8#

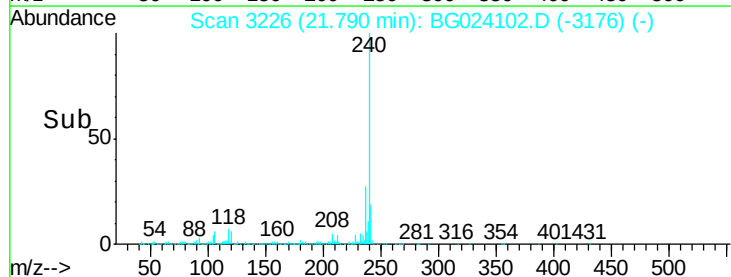
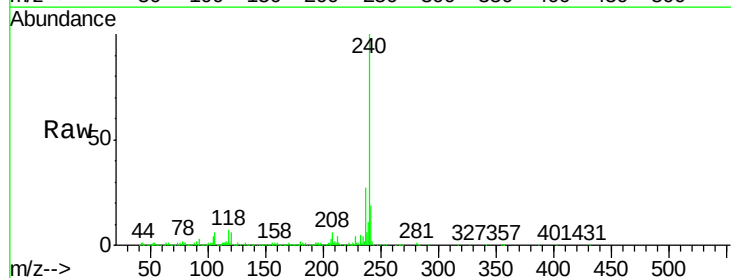
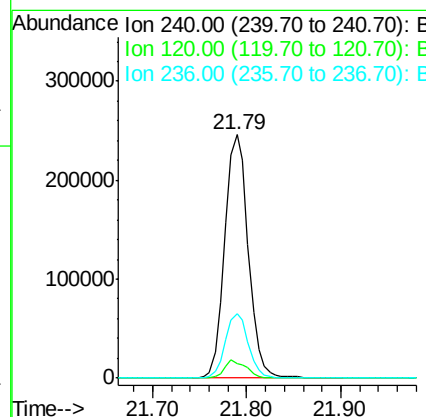
Manual Integrations
 APPROVED

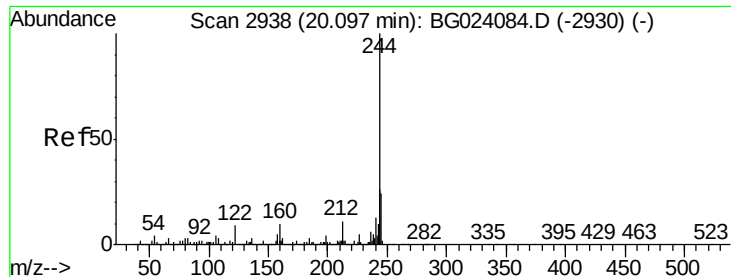
sohil
 9/26/2016 6:41:10 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.79 min Scan# 3226
 Delta R.T. -0.01 min
 Lab File: BG024102.D
 Acq: 24 Sep 2016 00:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.1	6.1
236	26.7	21.1	31.7





#78

Terphenyl-d14

Concen: 72.12 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.01 min

Lab File: BG024102.D

Acq: 24 Sep 2016 00:31

Instrument :

BNA_G

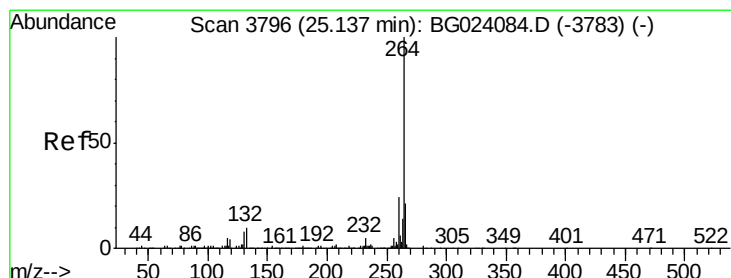
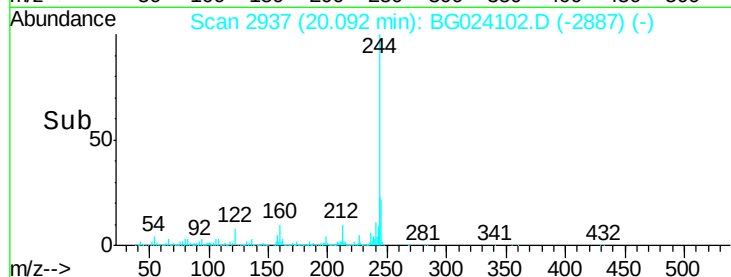
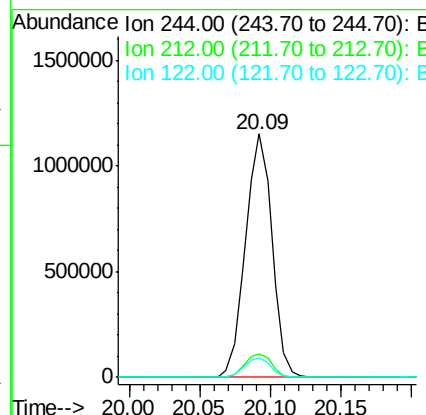
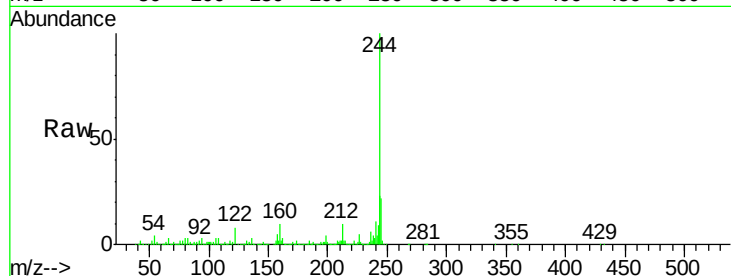
ClientSampleId :

LOD-WATER2016-05-QT4

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.7	10.8	16.2#
122	8.3	8.0	12.0

Manual Integrations
APPROVED

sohil
9/26/2016 6:41:10 PM



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.12 min Scan# 3793

Delta R.T. -0.02 min

Lab File: BG024102.D

Acq: 24 Sep 2016 00:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.4	27.6
265	21.9	18.9	28.3

