

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
 Data File : BG025369.D
 Acq On : 21 Dec 2016 22:41
 Operator : UM/SJ
 Sample : H6103-05
 Misc : LOD 8 PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

Manual Integrations
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Quant Time: Dec 22 04:51:13 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	50388	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	209686	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	165072	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	395206	20.00	ng	0.00
75) Chrysene-d12	21.87	240	576343	20.00	ng	0.00
86) Perylene-d12	25.28	264	605170	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	419916	151.48	ng	0.00
7) Phenol-d6	7.37	99	581935	149.06	ng	0.00
23) Nitrobenzene-d5	9.40	82	441106	92.93	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	359859	135.41	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	958260	93.98	ng	0.00
78) Terphenyl-d14	20.16	244	1905304	87.65	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	13.01	237	3047	9.88	ng	Qvalue 94
53) 2,4-Dinitrophenol	15.02	184	2084m	6.21	ng	

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

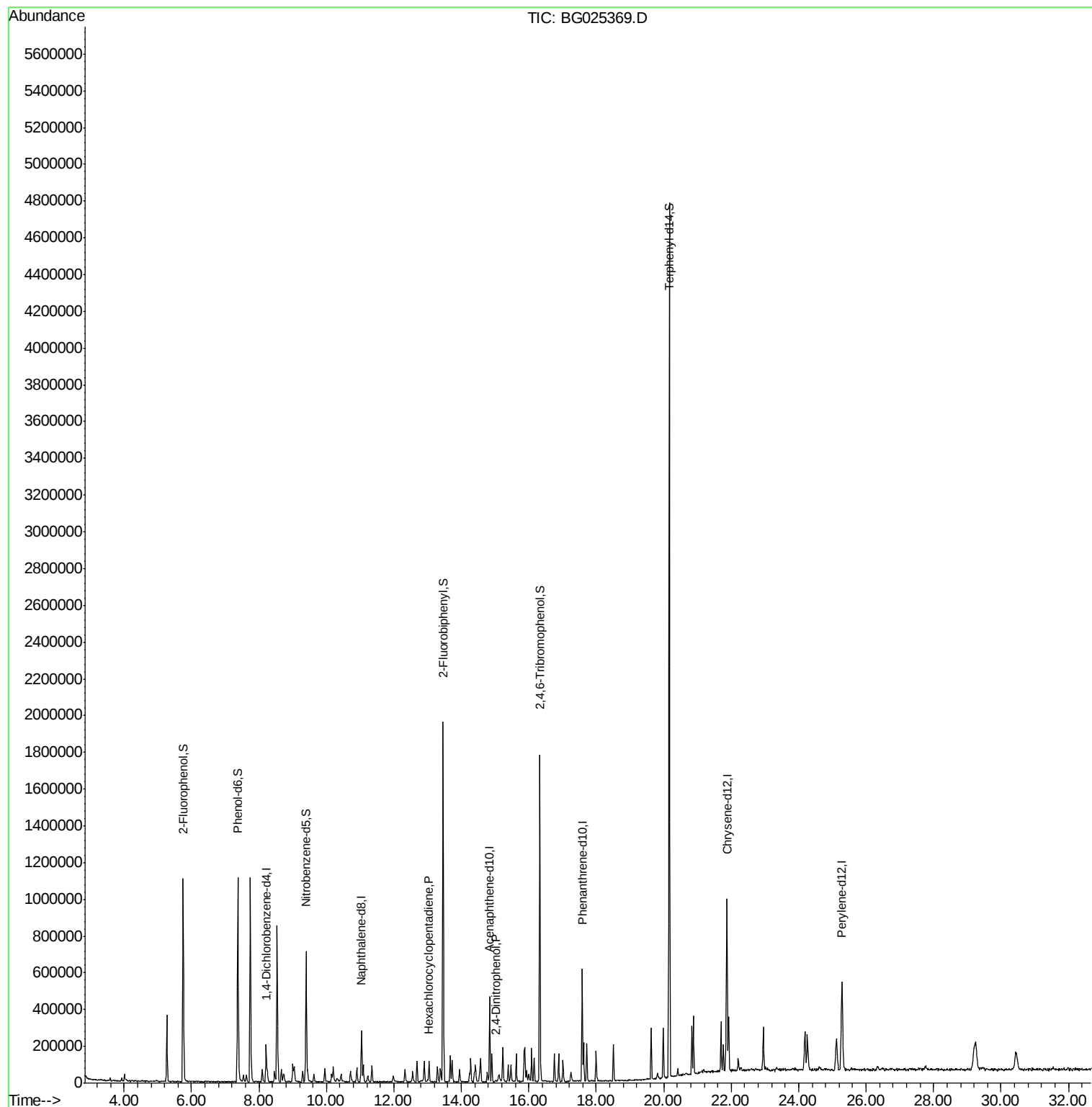
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
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Acq On : 21 Dec 2016 22:41
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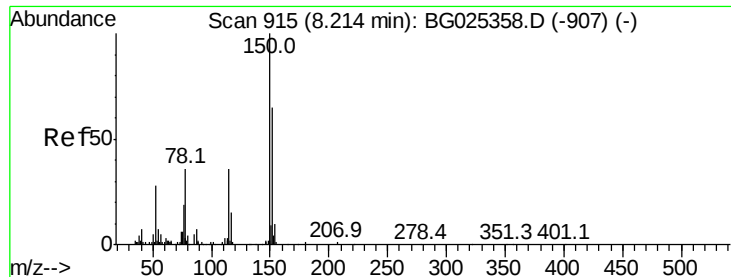
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

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#1

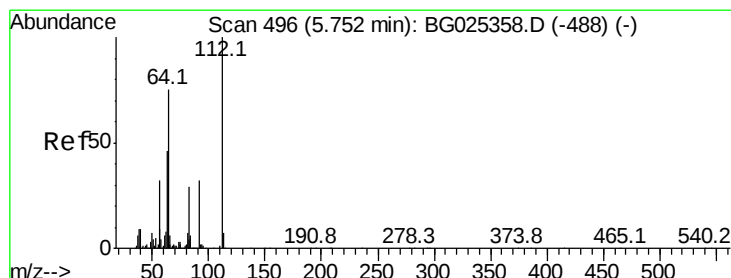
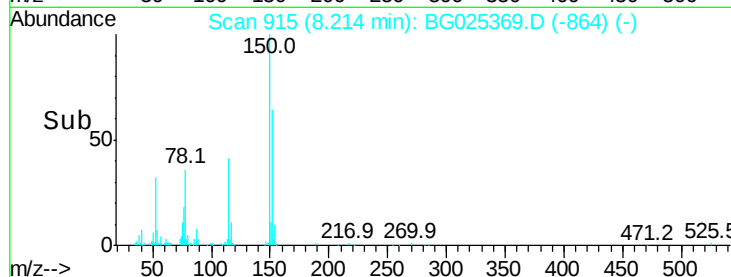
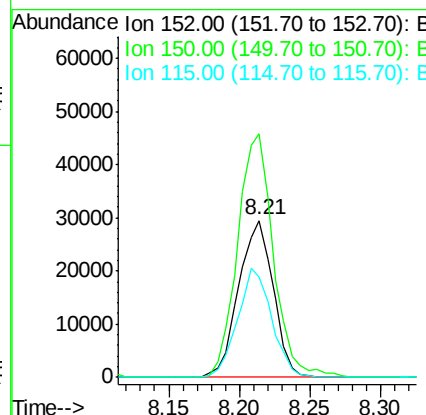
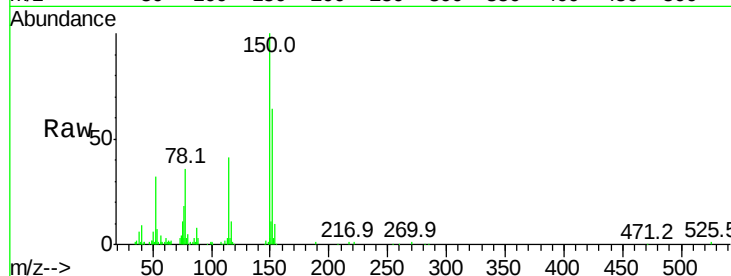
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 915
Delta R.T. 0.00 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	114.0	171.0
115	63.7	48.1	72.1

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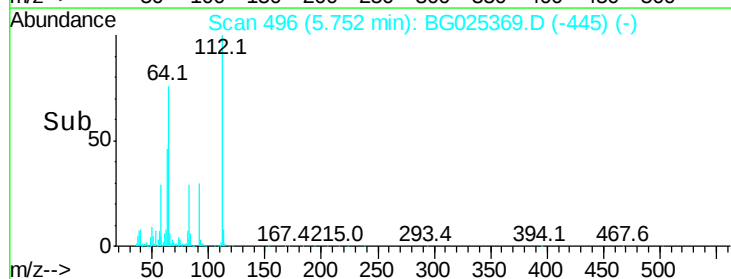
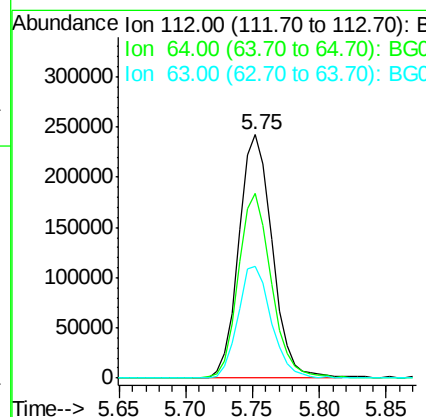
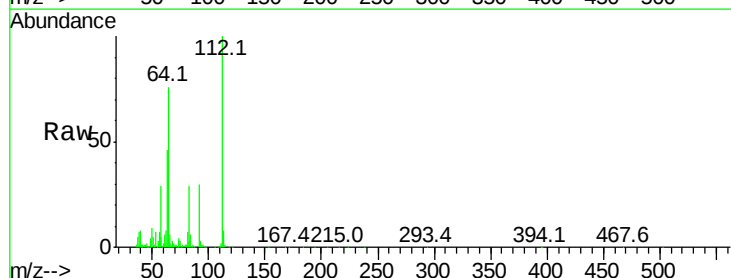
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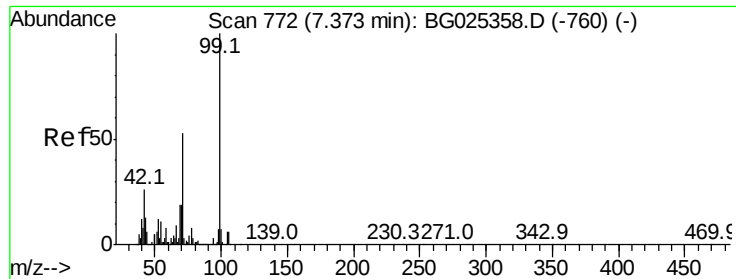


#5

2-Fluorophenol
Concen: 151.48 ng
RT: 5.75 min Scan# 496
Delta R.T. 0.00 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.1	61.8	92.6
63	46.0	37.2	55.8





#7

Phenol-d6

Concen: 149.06 ng

RT: 7.37 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Instrument :

BNA_G

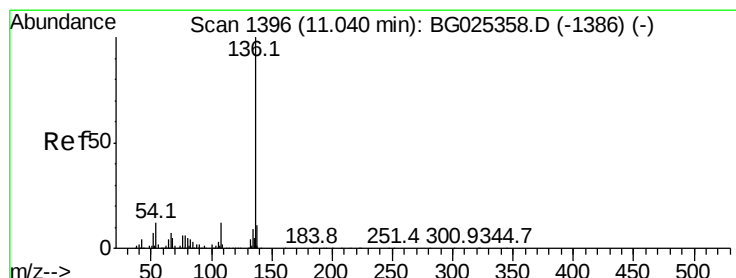
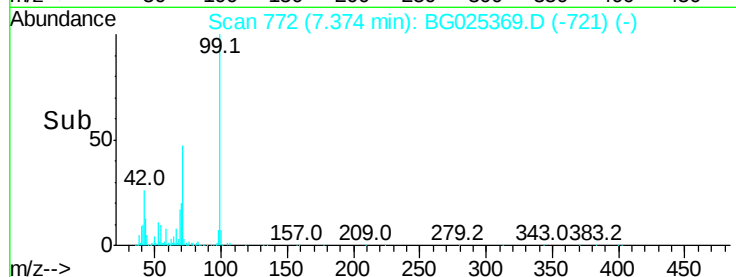
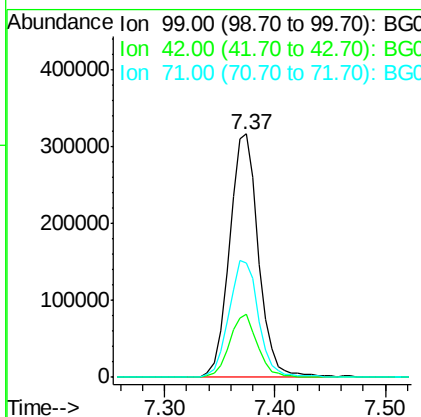
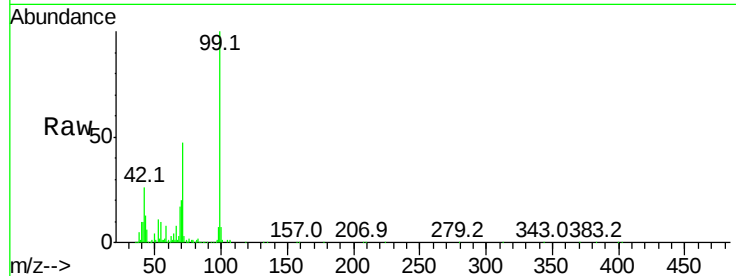
ClientSampleId :

LOD-WATER-05-QT1-2017

Tot Ion:	99	Resp:	581935
Ion Ratio	Lower	Upper	
99	100		
42	25.7	20.5	30.7
71	47.0	37.6	56.4

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#21

Naphthalene-d8

Concen: 20.00 ng

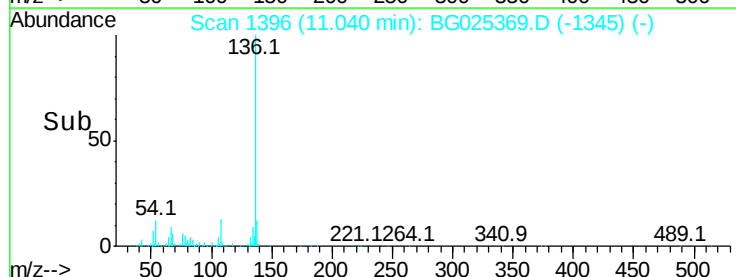
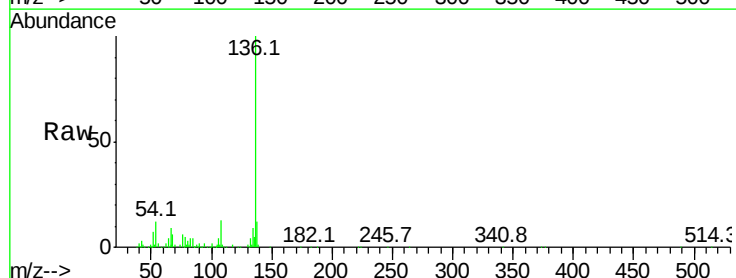
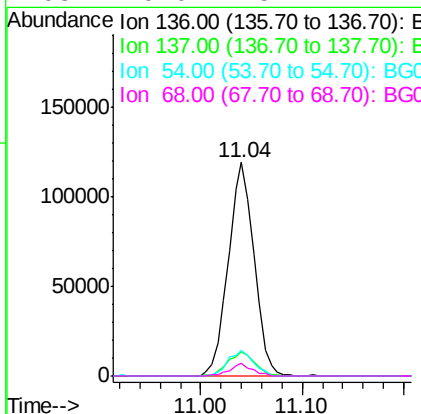
RT: 11.04 min Scan# 1396

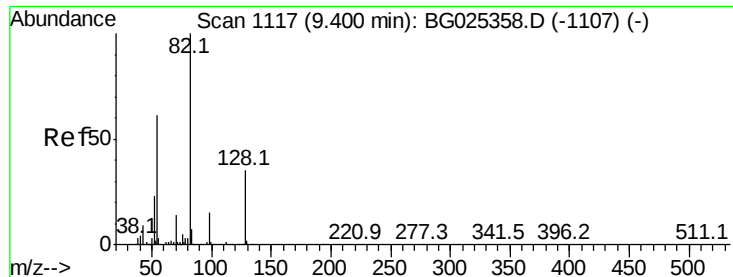
Delta R.T. 0.00 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Tgt Ion:	136	Resp:	209686
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.9	13.3
54	11.8	9.3	13.9
68	6.0	5.1	7.7





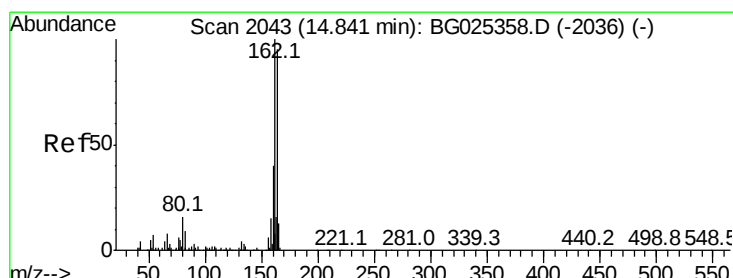
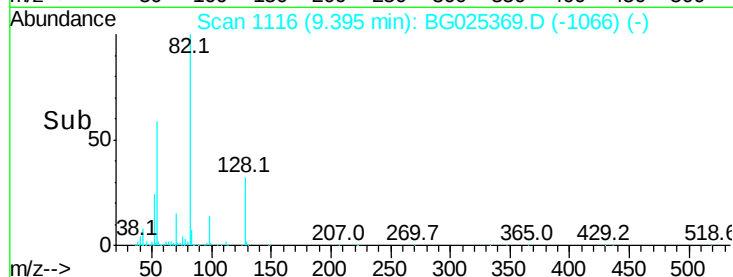
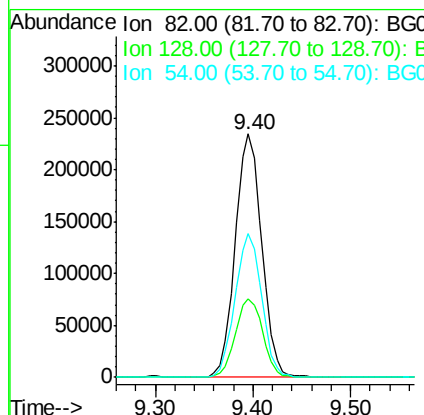
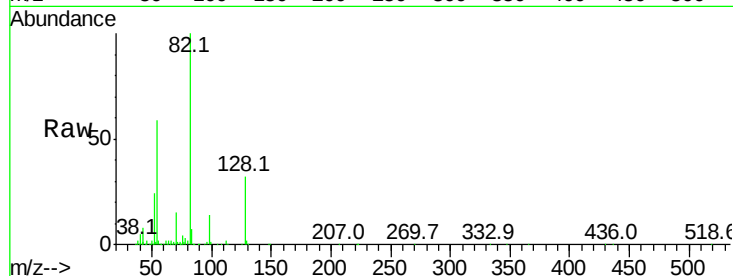
#23
Nitrobenzene-d5
Concen: 92.93 ng
RT: 9.40 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.4	26.4	39.6
54	59.3	49.4	74.2

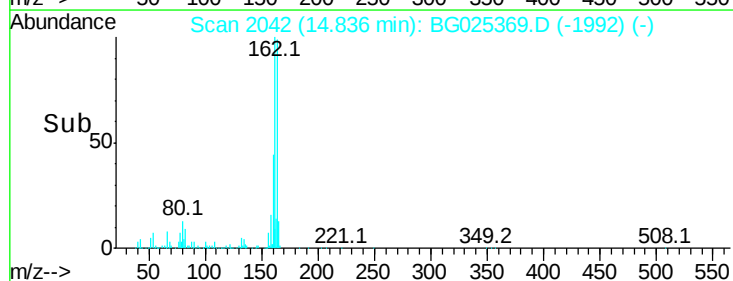
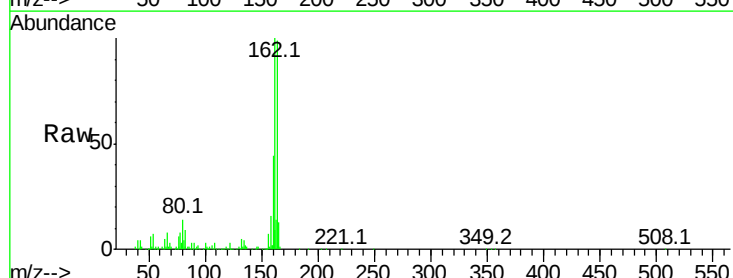
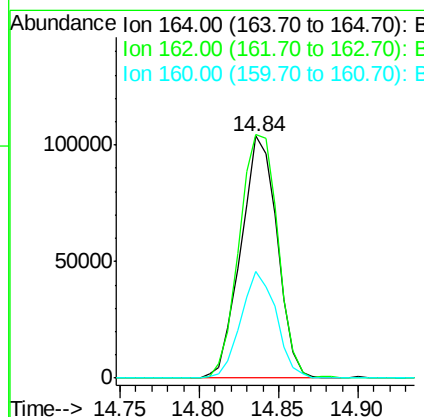
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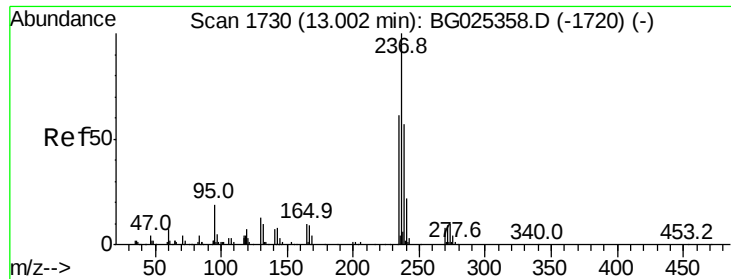
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.84 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	85.1	127.7
160	44.3	34.7	52.1





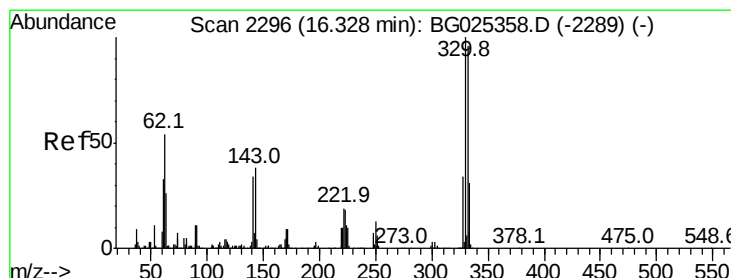
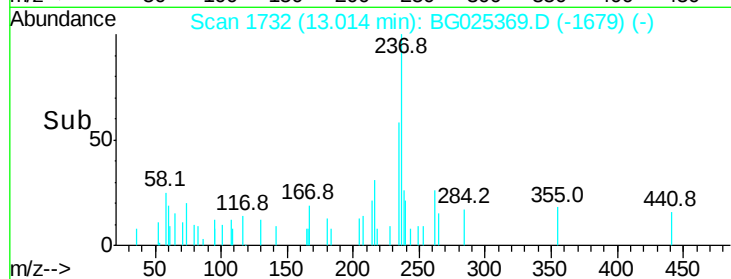
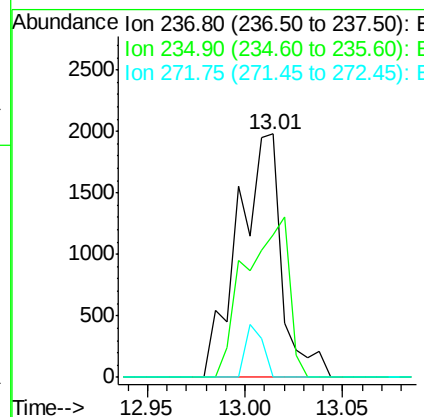
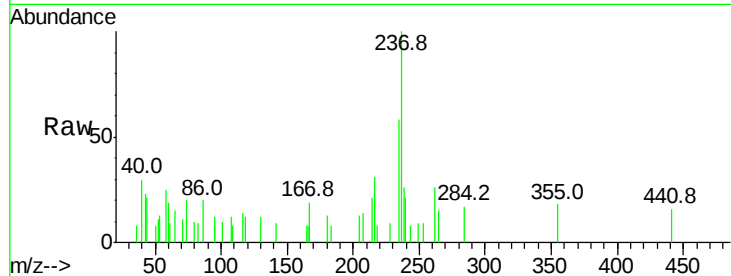
#40
Hexachlorocyclopentadiene
Concen: 9.88 ng
RT: 13.01 min Scan# 1732
Delta R.T. 0.01 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

Tot Ion	Ratio	Lower	Upper
237	100		
235	58.4	39.4	79.4
272	0.0	0.0	32.0

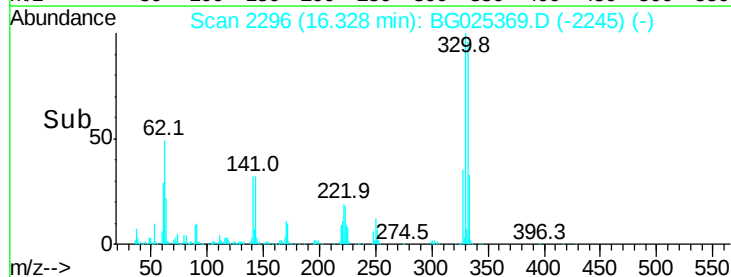
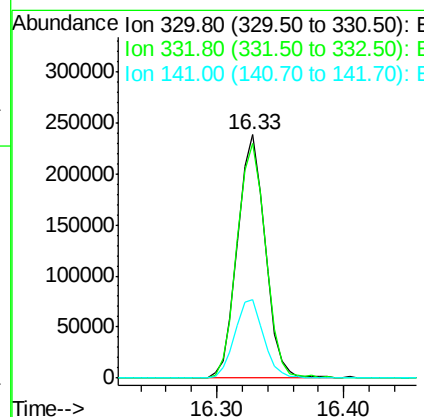
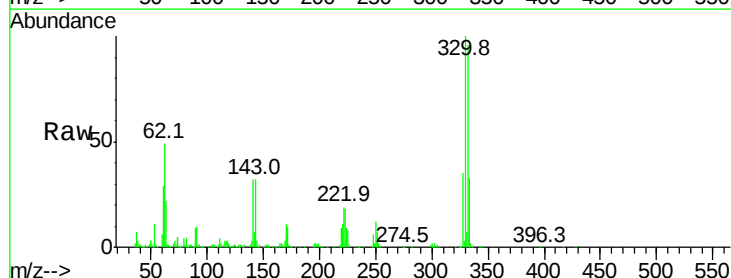
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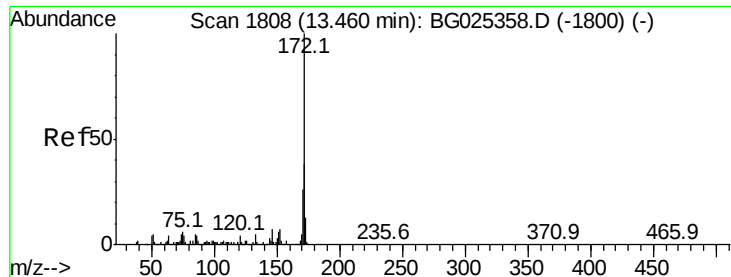
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#41
2,4,6-Tribromophenol
Concen: 135.41 ng
RT: 16.33 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.3	115.9
141	33.3	32.1	48.1





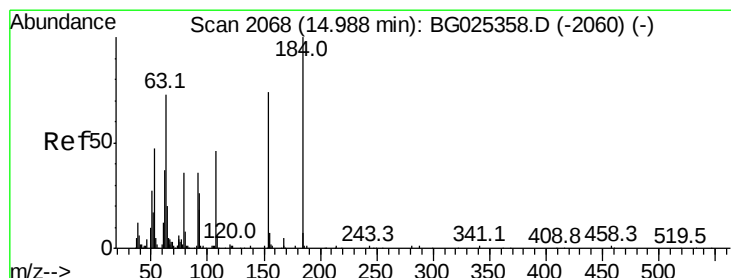
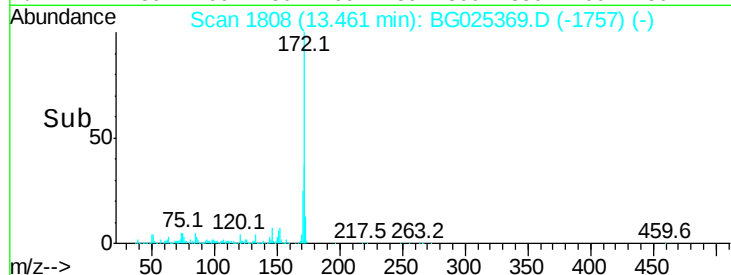
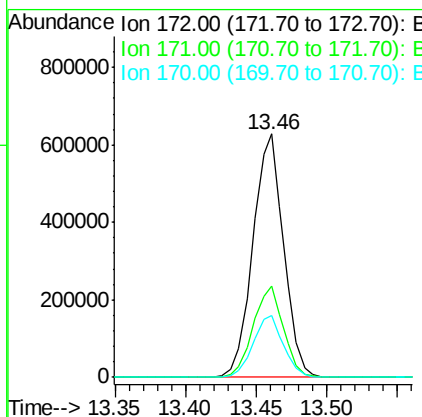
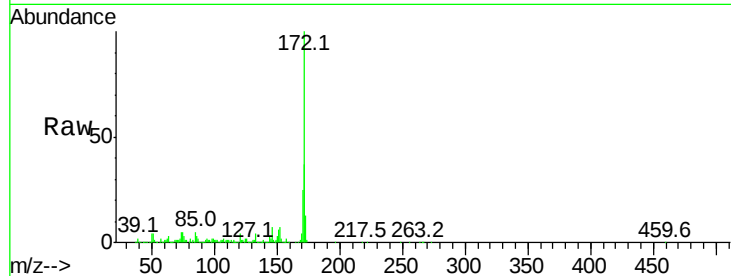
#44
2-Fluorobiphenyl
Concen: 93.98 ng
RT: 13.46 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	32.2	48.2
170	25.2	21.8	32.6

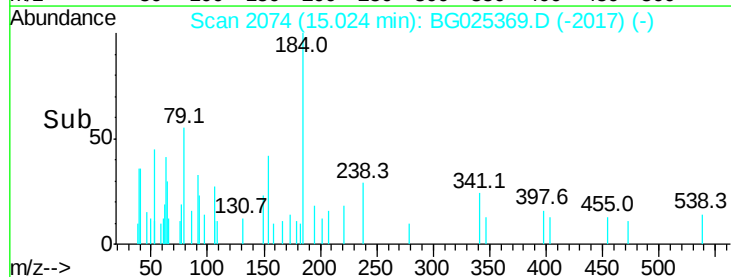
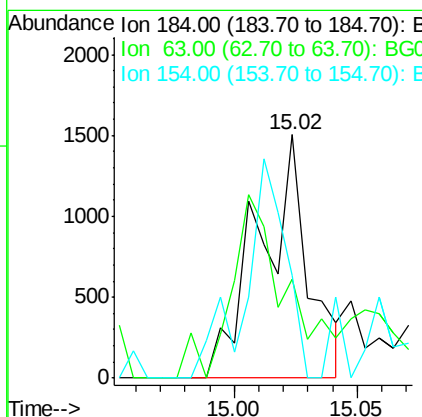
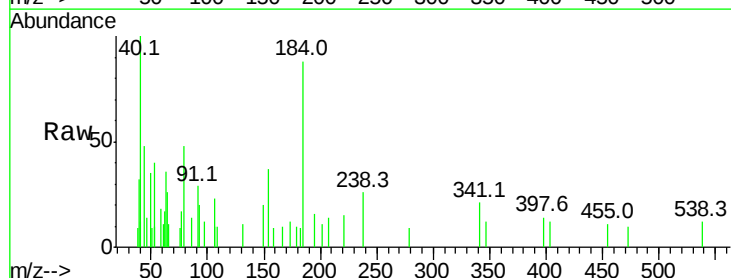
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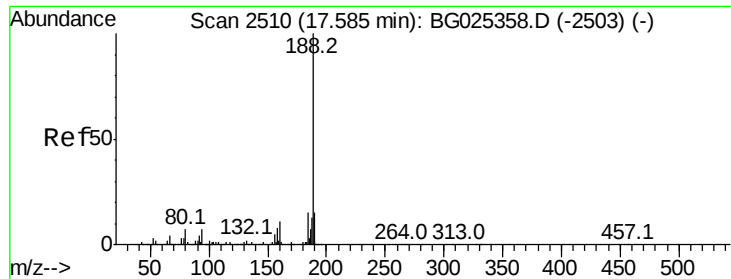
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#53
2,4-Dinitrophenol
Concen: 6.21 ng m
RT: 15.02 min Scan# 2074
Delta R.T. 0.04 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	40.7	52.7	79.1#
154	42.2	57.3	85.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.59 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Instrument :

BNA_G

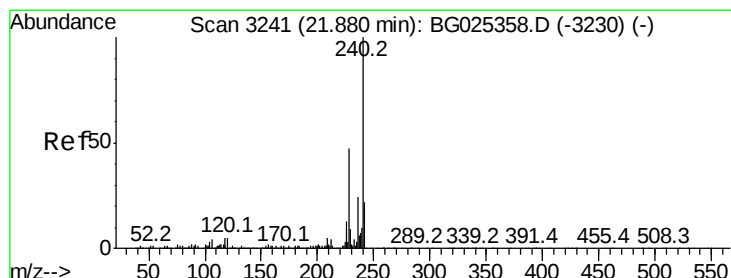
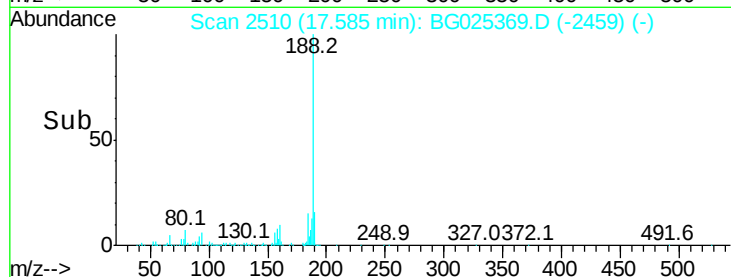
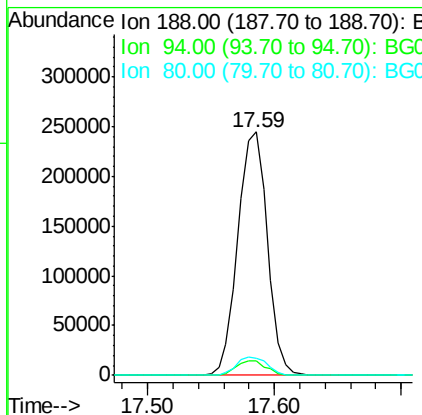
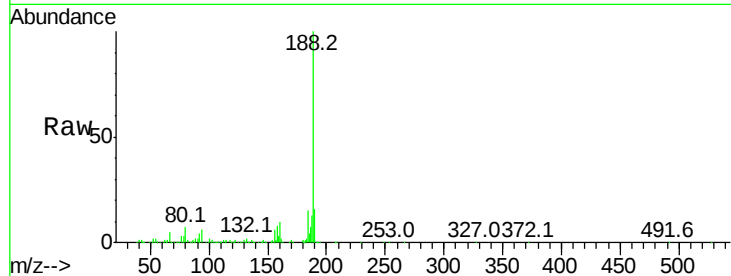
ClientSampleId :

LOD-WATER-05-QT1-2017

Tot Ion:	188	Resp:	395206
Ion Ratio	Lower	Upper	
188	100		
94	6.2	5.8	8.8
80	6.8	7.5	11.3#

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#75

Chrysene-d12

Concen: 20.00 ng

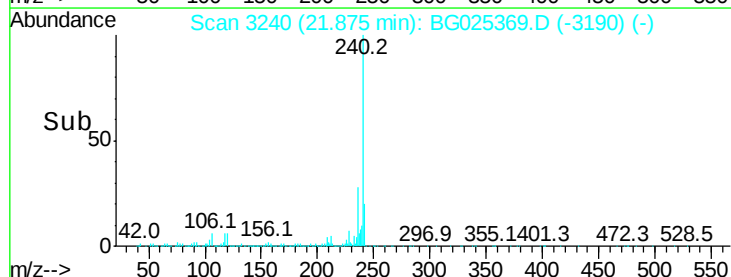
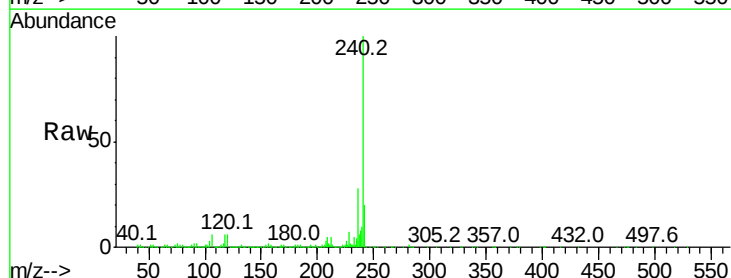
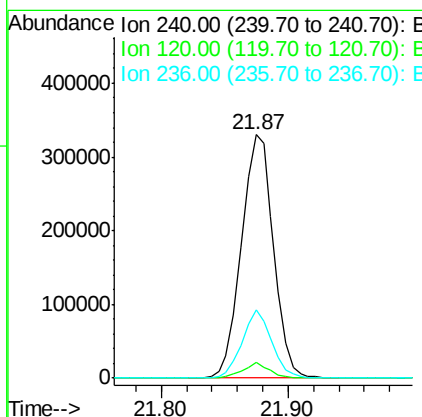
RT: 21.87 min Scan# 3240

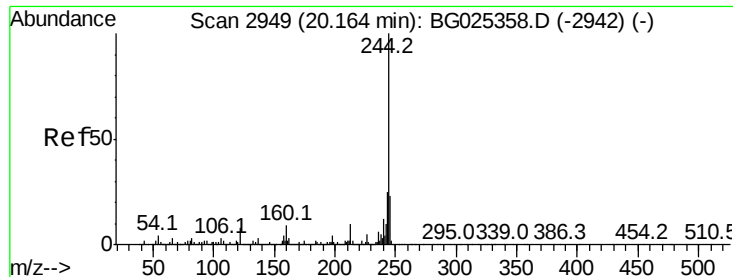
Delta R.T. -0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Tgt Ion:	240	Resp:	576343
Ion Ratio	Lower	Upper	
240	100		
120	6.5	5.7	8.5
236	28.0	22.2	33.4





#78

Terphenyl-d14

Concen: 87.65 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.00 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Instrument :

BNA_G

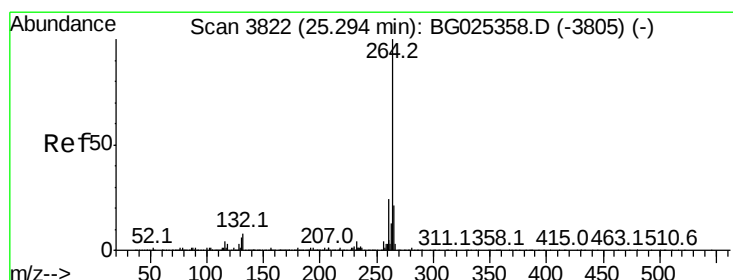
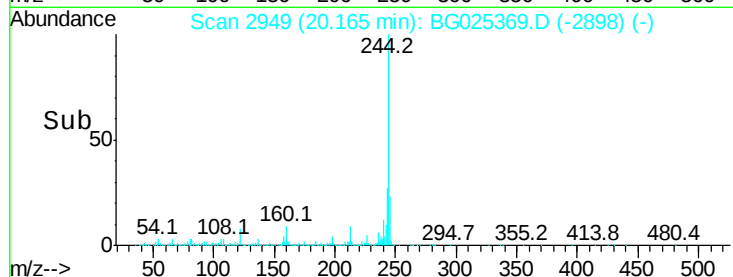
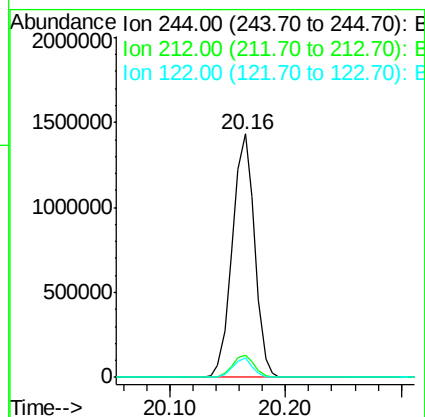
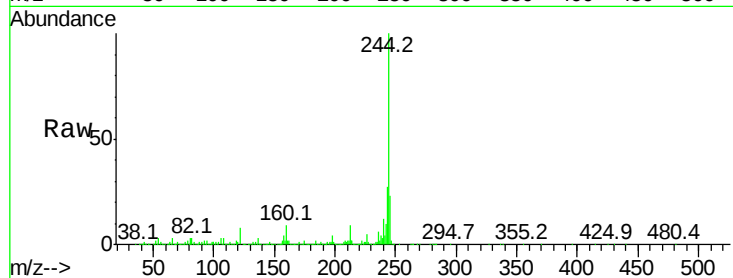
ClientSampleId :

LOD-WATER-05-QT1-2017

Tot Ion:	244	Resp:	1905304
Ion Ratio	Lower	Upper	
244	100		
212	9.3	10.0	15.0#
122	8.2	8.6	12.8#

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

RT: 25.28 min Scan# 3820

Delta R.T. -0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Tgt Ion:	264	Resp:	605170
Ion Ratio	Lower	Upper	
264	100		
260	22.8	21.8	32.8
265	20.4	18.2	27.4

