

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032117\
 Data File : BG026356.D
 Acq On : 21 Mar 2017 13:26
 Operator : SJ/MA
 Sample : I2296-05
 Misc : LOD 1 PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT2-2017

Manual Integrations
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Quant Time: Mar 23 12:04:48 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	115280	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	495205	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	286077	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	694402	20.00	ng	0.00
75) Chrysene-d12	21.63	240	848636	20.00	ng	0.00
86) Perylene-d12	24.81	264	821503	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	863064	132.88	ng	0.00
7) Phenol-d6	7.21	99	1128806	129.45	ng	0.00
23) Nitrobenzene-d5	9.20	82	685512	83.24	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	494331	150.89	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1890470	92.67	ng	0.00
78) Terphenyl-d14	19.98	244	2678978	76.67	ng	0.00

Target Compounds						Qvalue
6) Aniline	7.37	93	11648	1.00	ng	# 76
8) 2-Chlorophenol	7.61	128	7861	1.07	ng	84
9) Benzaldehyde	7.19	77	7336	1.25	ng	# 79
10) Phenol	7.23	94	9654	1.04	ng	95
11) bis(2-Chloroethyl)ether	7.46	93	7837	1.03	ng	# 75
12) 1,3-Dichlorobenzene	7.94	146	8906	1.02	ng	# 78
13) 1,4-Dichlorobenzene	8.08	146	9415	1.07	ng	93
14) 1,2-Dichlorobenzene	8.40	146	9633	1.14	ng	94
15) Benzyl Alcohol	8.29	79	4857	0.85	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	8.57	45	7307	0.86	ng	72
18) Hexachloroethane	9.13	117	2882	1.00	ng	# 78
24) Nitrobenzene	9.25	77	8420	1.04	ng	# 72
31) Naphthalene	10.89	128	27526	1.10	ng	# 95
34) Hexachlorobutadiene	11.18	225	5104	1.10	ng	97
37) 2-Methylnaphthalene	12.49	142	20070	1.09	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	9791	1.14	ng	# 95
45) 1,1'-Biphenyl	13.49	154	28459	1.20	ng	94
46) 2-Chloronaphthalene	13.53	162	18289	1.06	ng	92
47) 2-Nitroaniline	13.74	65	3700	0.75	ng	# 88
48) Acenaphthylene	14.37	152	31098	1.03	ng	97
49) Dimethylphthalate	14.10	163	22521	1.04	ng	98
50) 2,6-Dinitrotoluene	14.22	165	4412	0.88	ng	# 62
51) Acenaphthene	14.72	154	20414	1.10	ng	96
54) Dibenzofuran	15.05	168	29652	1.13	ng	# 79
57) Fluorene	15.69	166	24736	1.06	ng	92
58) 2,3,4,6-Tetrachlorophenol	15.28	232	5400	0.99	ng	# 91
59) Diethylphthalate	15.45	149	21351	0.97	ng	97
62) Azobenzene	15.97	77	15848	0.88	ng	74
65) n-Nitrosodiphenylamine	15.89	169	19601	0.96	ng	99
66) 4-Bromophenyl-phenylether	16.57	248	7572	1.06	ng	98
67) Hexachlorobenzene	16.70	284	8775	1.15	ng	# 89
68) Atrazine	16.83	200	7080	0.92	ng	92
70) Phenanthrene	17.42	178	43084	1.16	ng	# 92
71) Anthracene	17.52	178	40896m	1.07	ng	

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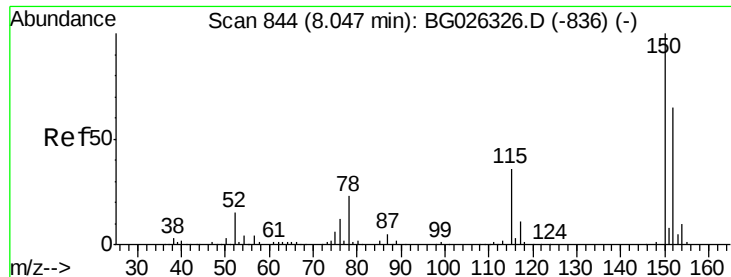
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Carbazole	17.79	167	41866	1.07	ng	# 95
73) Di-n-butylphthalate	18.34	149	37532	0.93	ng	# 89
74) Fluoranthene	19.43	202	49378	1.13	ng	95
77) Pyrene	19.79	202	52863	1.08	ng	# 90
79) Butylbenzylphthalate	20.66	149	18970	0.96	ng	# 80
80) Benzo(a)anthracene	21.61	228	55242m	1.16	ng	
82) Chrysene	21.67	228	50154	1.10	ng	97
83) Bis(2-ethylhexyl)phthalate	21.51	149	26339	0.89	ng	98
84) Di-n-octyl phthalate	22.70	149	45874	0.91	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.42	276	57196	1.02	ng	# 77
87) Benzo(b)fluoranthene	23.80	252	52241	1.08	ng	# 94
88) Benzo(k)fluoranthene	23.86	252	51312	1.09	ng	# 91
89) Benzo(a)pyrene	24.66	252	49419	1.06	ng	# 94
90) Dibenzo(a,h)anthracene	28.49	278	49027	1.04	ng	# 95
91) Benzo(g,h,i)perylene	29.57	276	49608	1.05	ng	# 85

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG026356.D

Acq: 21 Mar 2017 13:26

Instrument :

BNA_G

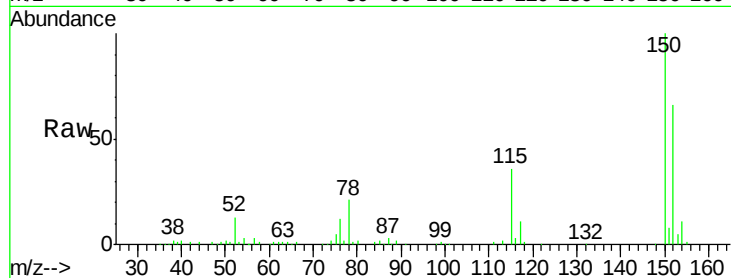
ClientSampleId :

LOD-WATER-05-QT2-2017

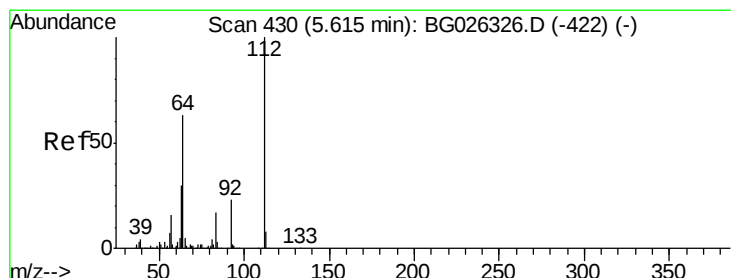
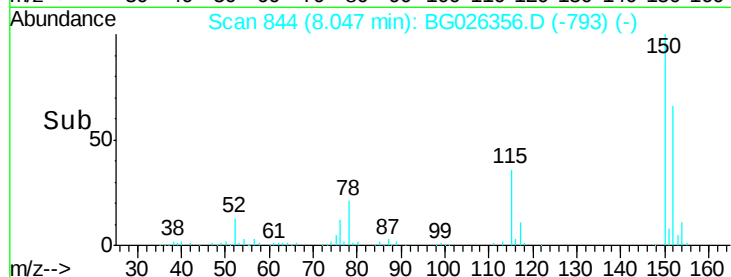
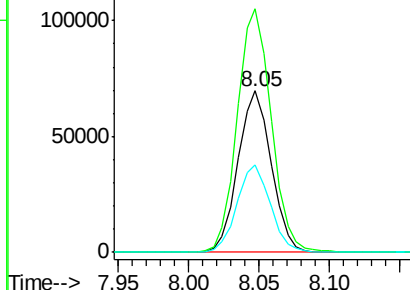
Tgt Ion:	152	Resp:	115280
Ion Ratio	Lower	Upper	
152	100		
150	150.9	114.0	171.0
115	54.1	48.1	72.1

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 132.88 ng

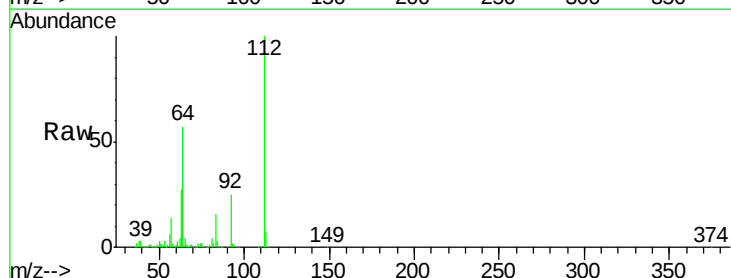
RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

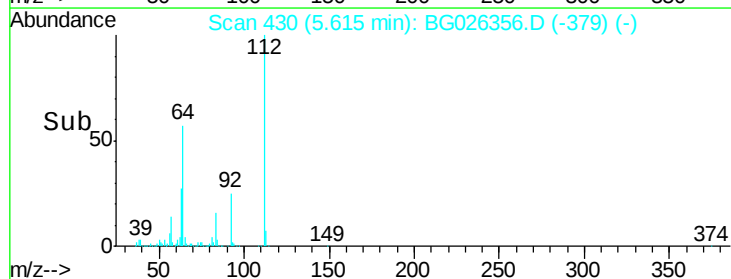
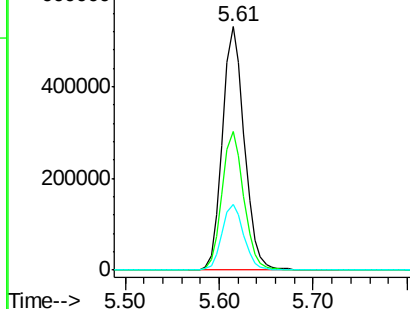
Lab File: BG026356.D

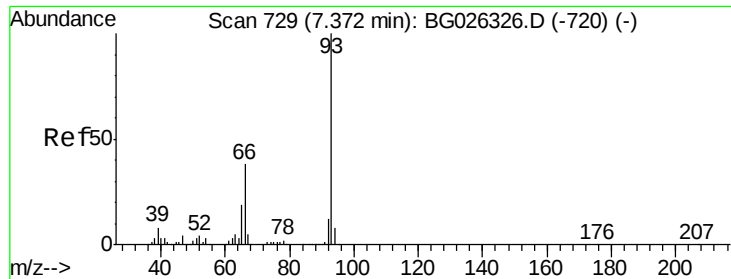
Acq: 21 Mar 2017 13:26

Tgt Ion:	112	Resp:	863064
Ion Ratio	Lower	Upper	
112	100		
64	57.1	61.8	92.6#
63	27.2	37.2	55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 1.00 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG026356.D

Acq: 21 Mar 2017 13:26

Instrument :

BNA_G

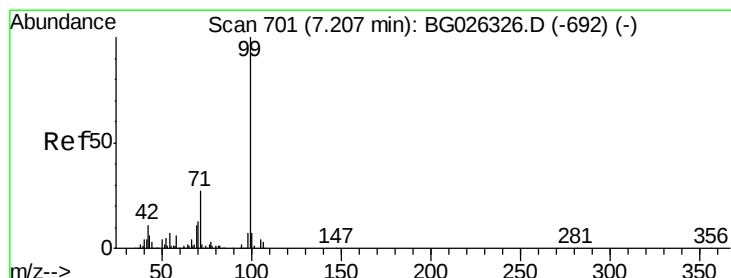
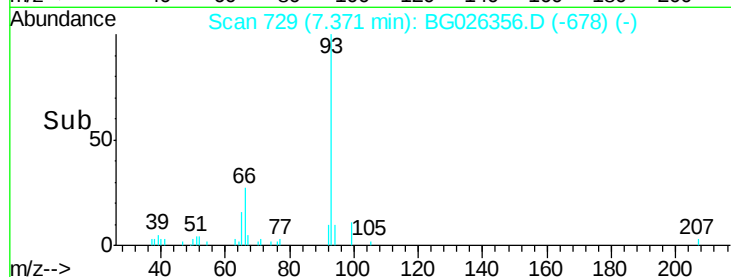
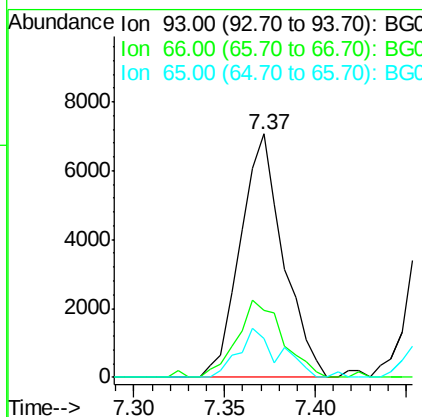
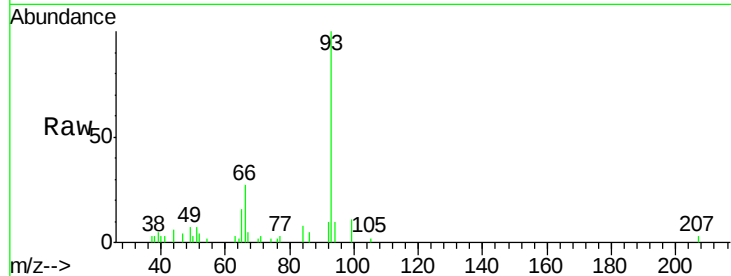
ClientSampleId :

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Tgt Ion:	93	Resp:	11648
Ion	Ratio	Lower	Upper
93	100		
66	27.3	35.4	53.2#
65	16.1	21.2	31.8#

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#7

Phenol-d6

Concen: 129.45 ng

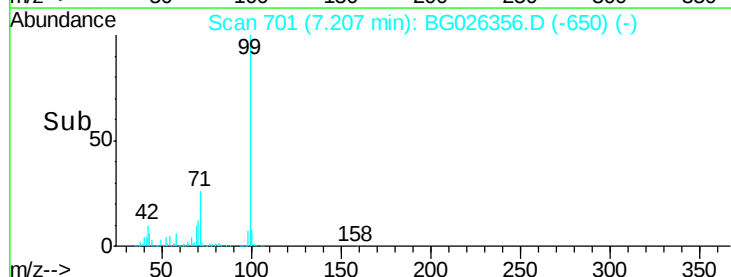
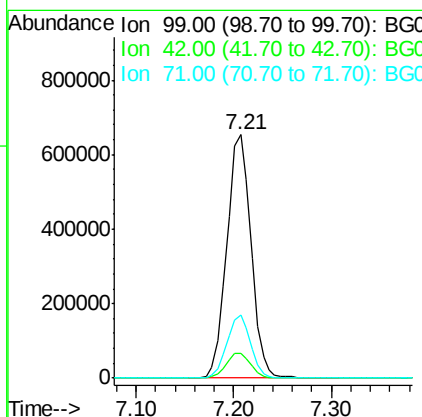
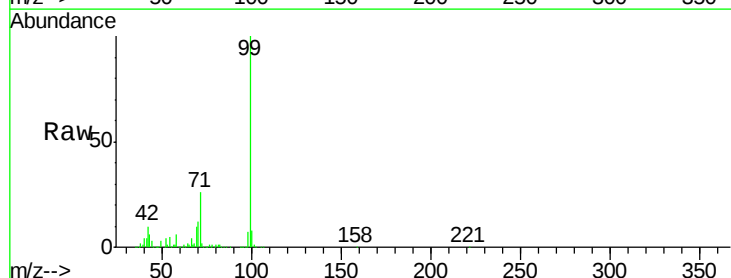
RT: 7.21 min Scan# 701

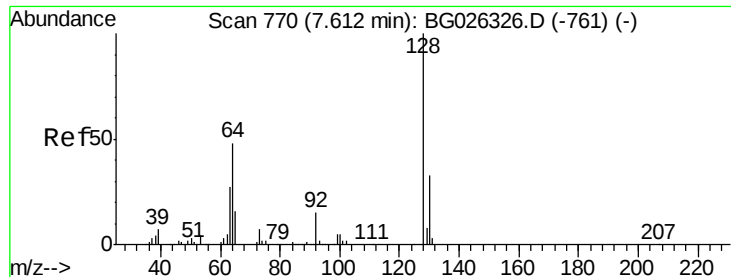
Delta R.T. -0.00 min

Lab File: BG026356.D

Acq: 21 Mar 2017 13:26

Tgt Ion:	99	Resp:	1128806
Ion	Ratio	Lower	Upper
99	100		
42	10.3	20.5	30.7#
71	26.0	37.6	56.4#





#8

2-Chlorophenol

Concen: 1.07 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG026356.D

Acq: 21 Mar 2017 13:26

Instrument :

BNA_G

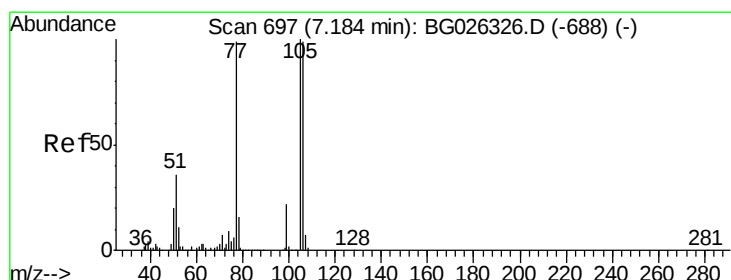
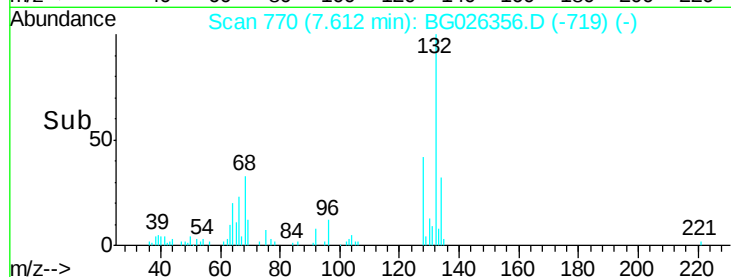
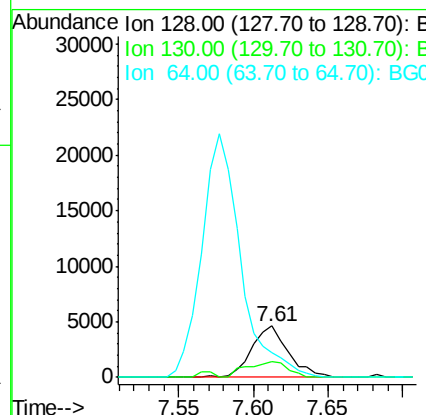
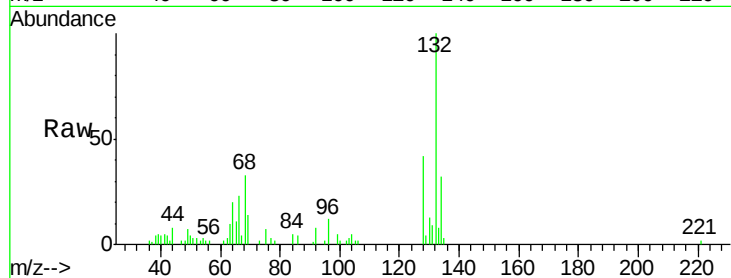
ClientSampleId :

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Tgt Ion:	128	Resp:	7861
Ion Ratio	Lower	Upper	
128	100		
130	31.0	11.4	51.4
64	48.5	46.6	86.6

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#9

Benzaldehyde

Concen: 1.25 ng

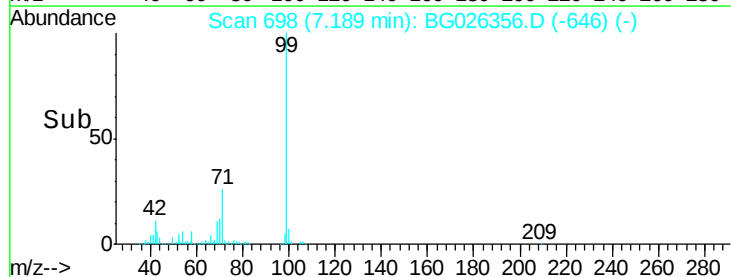
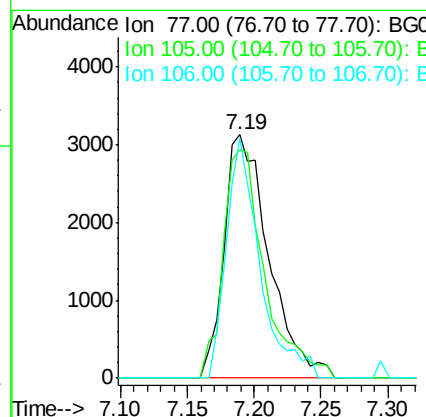
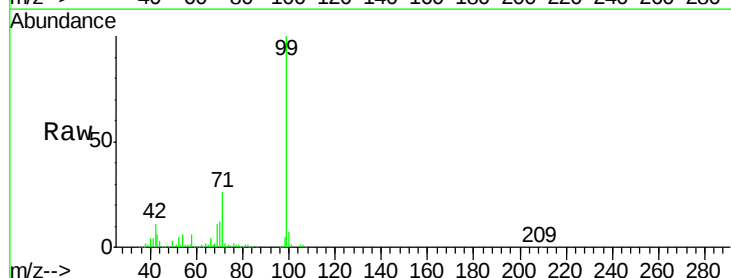
RT: 7.19 min Scan# 698

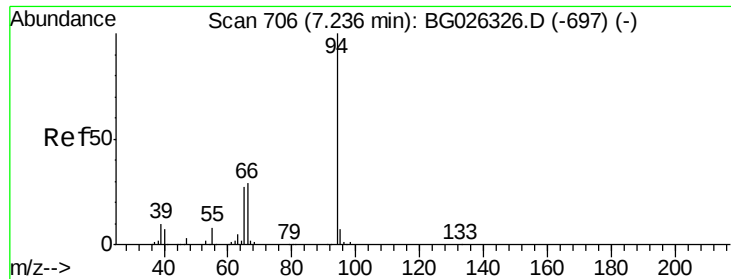
Delta R.T. 0.01 min

Lab File: BG026356.D

Acq: 21 Mar 2017 13:26

Tgt Ion:	77	Resp:	7336
Ion Ratio	Lower	Upper	
77	100		
105	93.8	60.9	100.9
106	98.6	55.1	95.1#





#10

Phenol

Concen: 1.04 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG026356.D

Acq: 21 Mar 2017 13:26

Instrument :

BNA_G

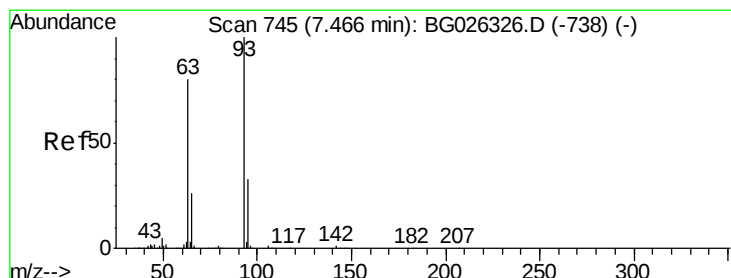
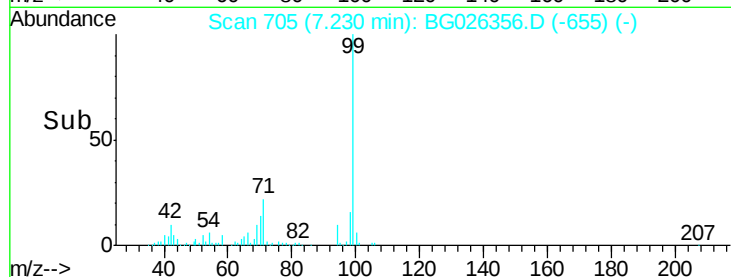
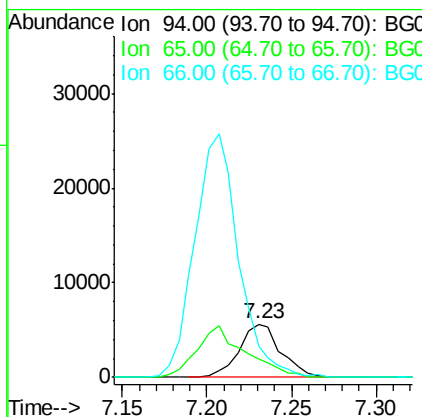
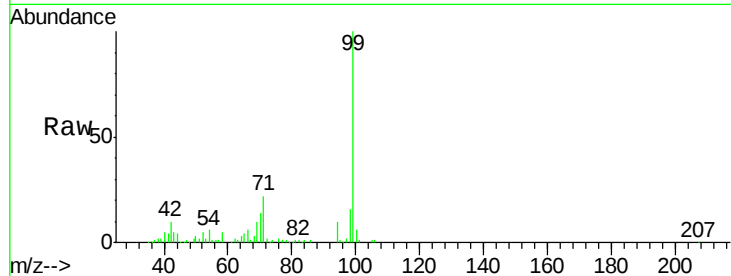
ClientSampleId :

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Tgt Ion:	94	Resp:	9654
Ion	Ratio	Lower	Upper
94	100		
65	35.1	20.6	60.6
66	57.6	35.5	75.5

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#11

bis(2-Chloroethyl)ether

Concen: 1.03 ng

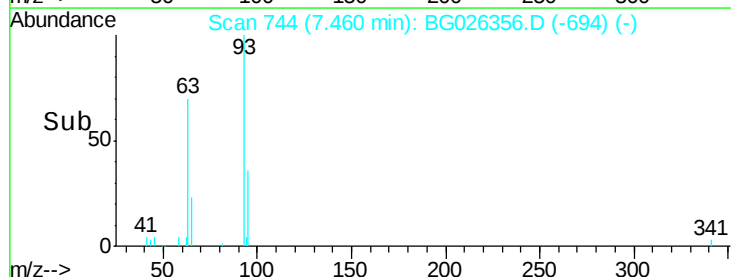
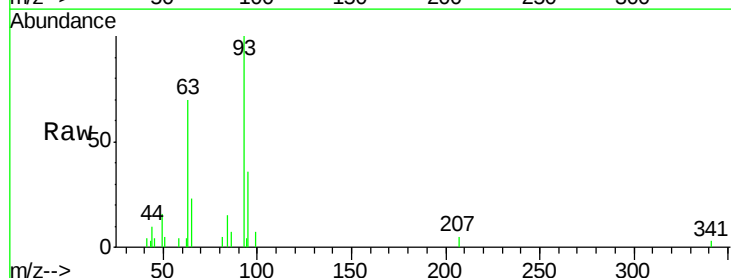
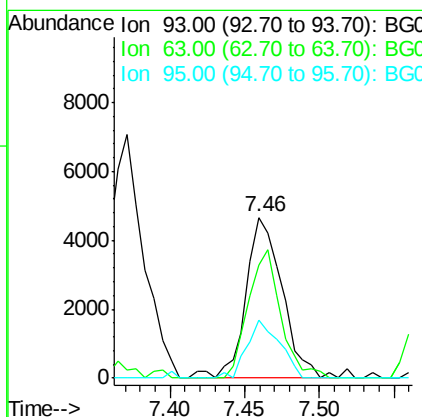
RT: 7.46 min Scan# 744

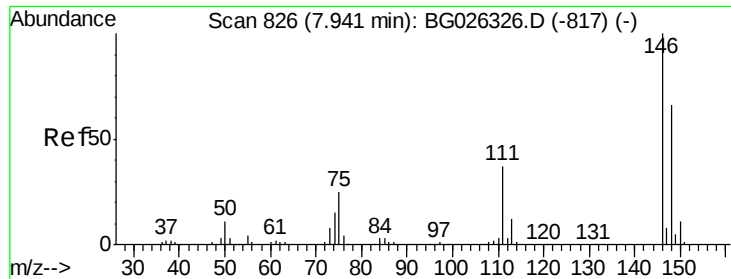
Delta R.T. -0.01 min

Lab File: BG026356.D

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Tgt Ion:	93	Resp:	7837
Ion	Ratio	Lower	Upper
93	100		
63	70.2	78.5	118.5#
95	35.8	9.8	49.8





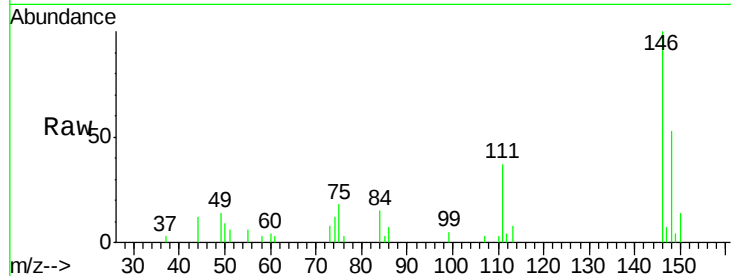
#12
 1,3-Dichlorobenzene
 Concen: 1.02 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG026356.D
 Acq: 21 Mar 2017 13:26

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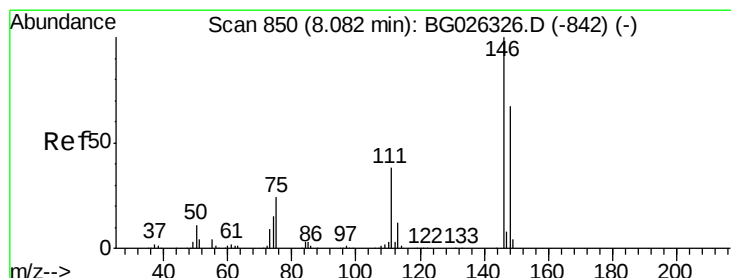
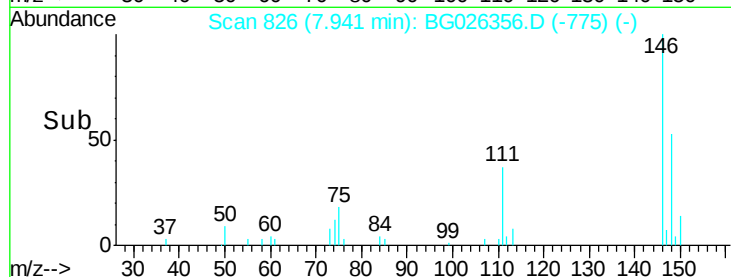
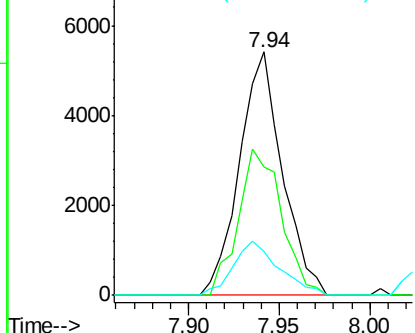
Tgt Ion	Ratio	Lower	Upper
146	100		
148	52.5	49.2	73.8
75	18.3	33.4	50.2

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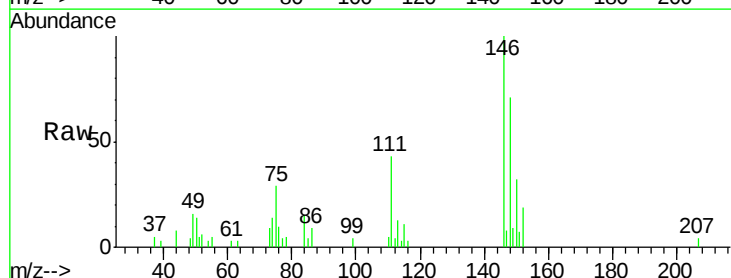


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BGC

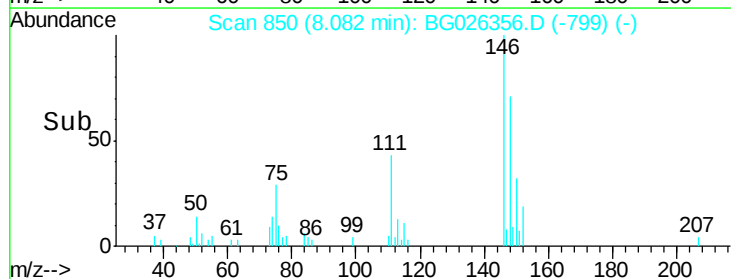
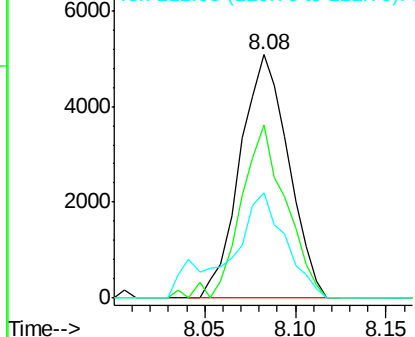


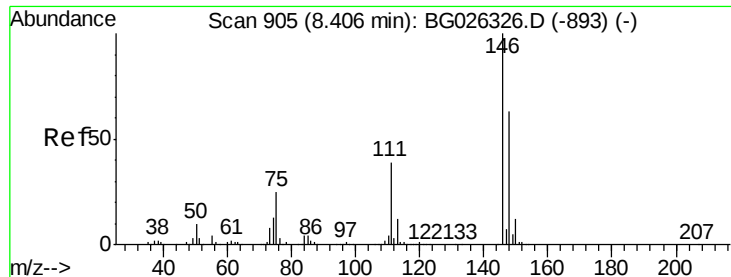
#13
 1,4-Dichlorobenzene
 Concen: 1.07 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BG026356.D
 Acq: 21 Mar 2017 13:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	71.4	52.2	78.2
111	43.2	37.0	55.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





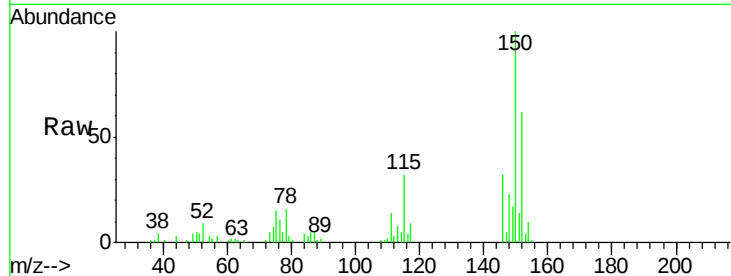
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1,2-Dichlorobenzene
Concen: 1.14 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG026356.D
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BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

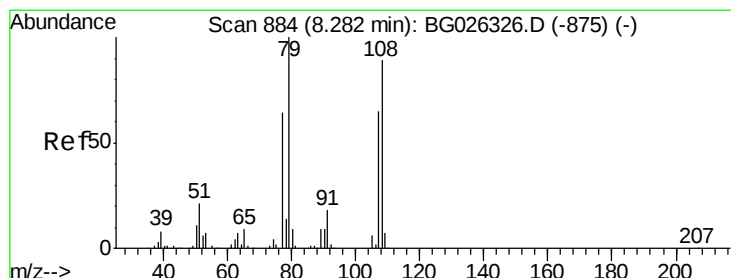
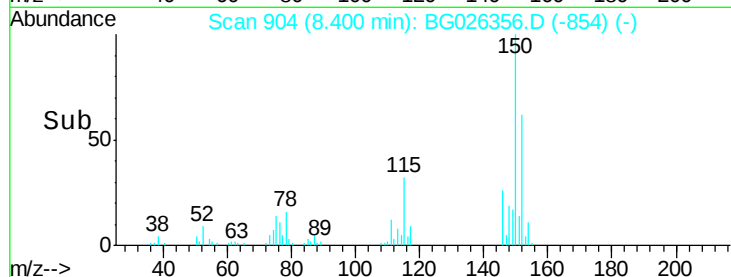
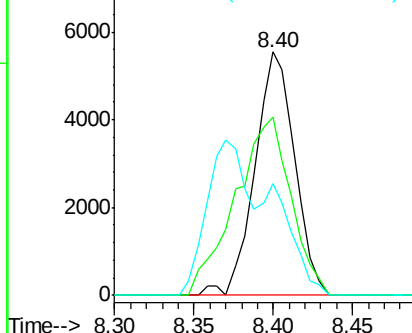
Tgt Ion	Ratio	Lower	Upper
146	100		
148	73.3	54.6	81.8
111	45.8	39.7	59.5

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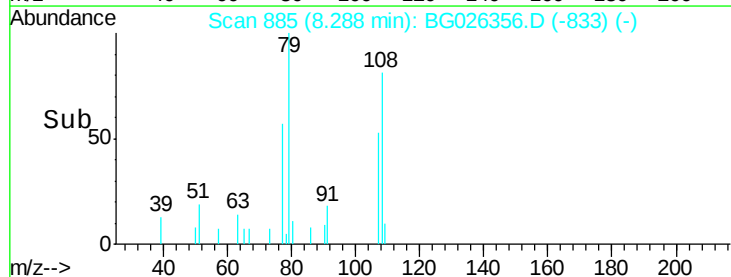
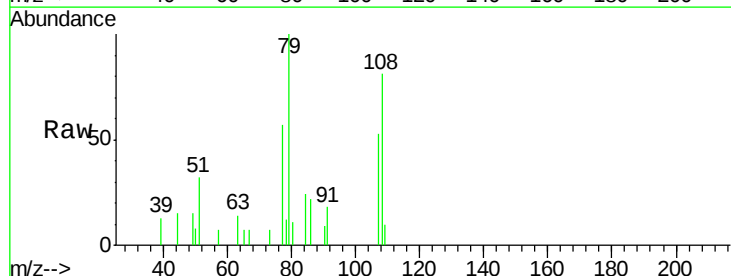
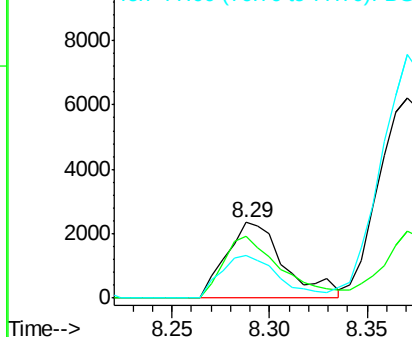
Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

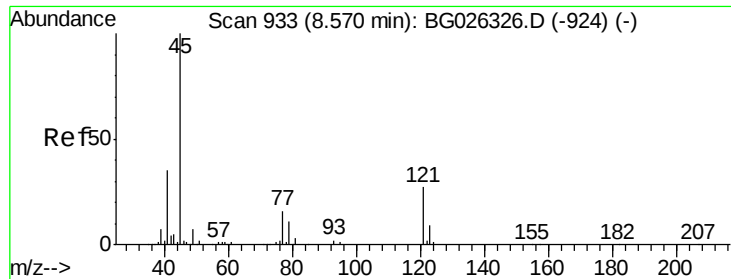


#15
Benzyl Alcohol
Concen: 0.85 ng
RT: 8.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Tgt Ion	Ratio	Lower	Upper
79	100		
108	81.4	45.5	68.3#
77	56.8	54.3	81.5

Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC





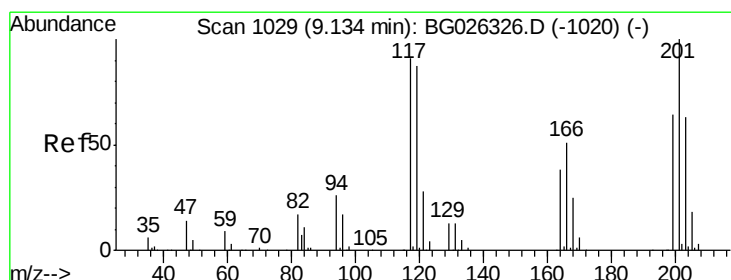
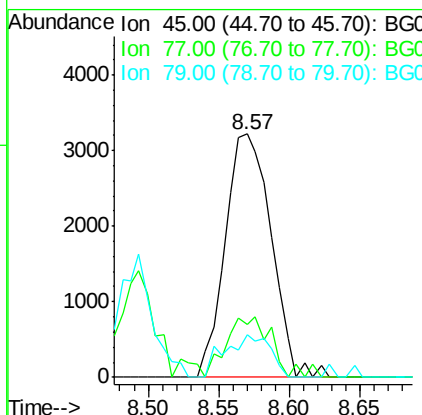
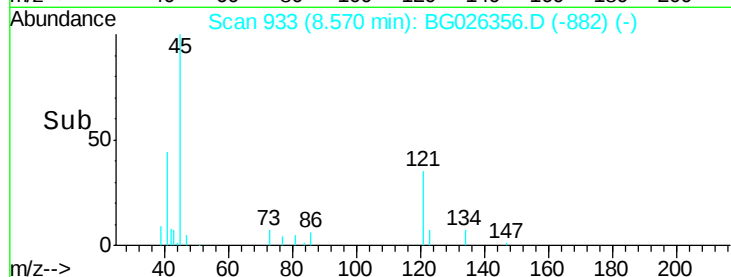
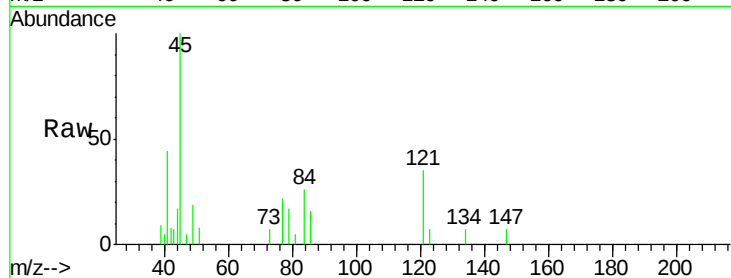
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.86 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.00 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

Tgt Ion: 45 Resp: 7307
Ion Ratio Lower Upper
45 100
77 21.8 0.0 30.6
79 17.5 0.0 28.5

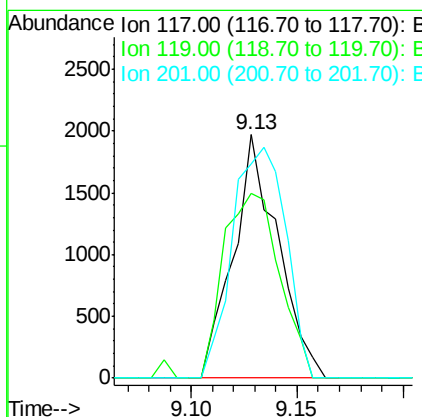
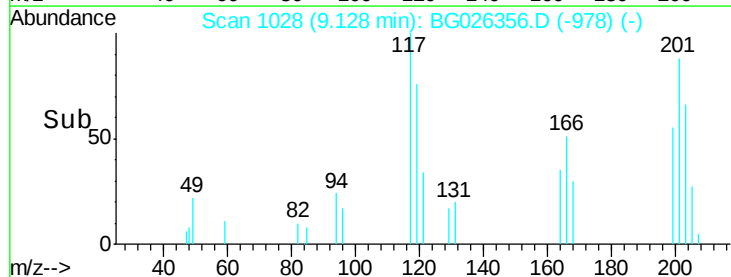
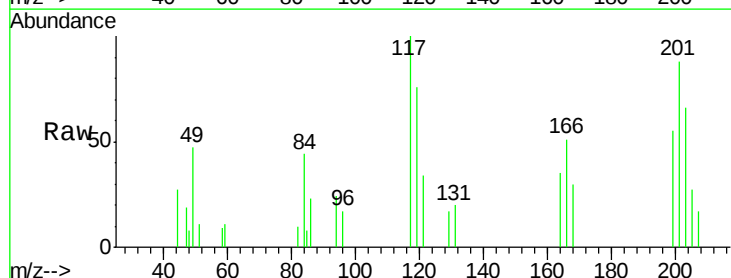
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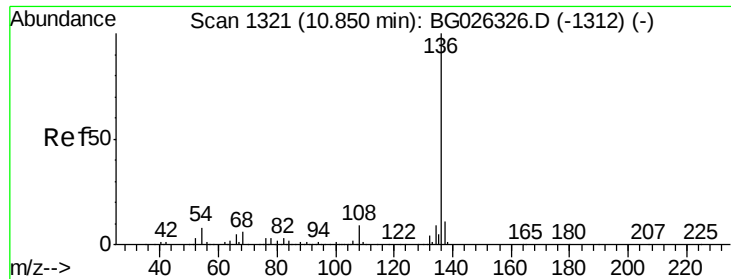
mohammad
3/23/2017 3:31:42 PM



#18
Hexachloroethane
Concen: 1.00 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Tgt Ion: 117 Resp: 2882
Ion Ratio Lower Upper
117 100
119 76.0 69.8 104.6
201 87.8 95.4 143.0#





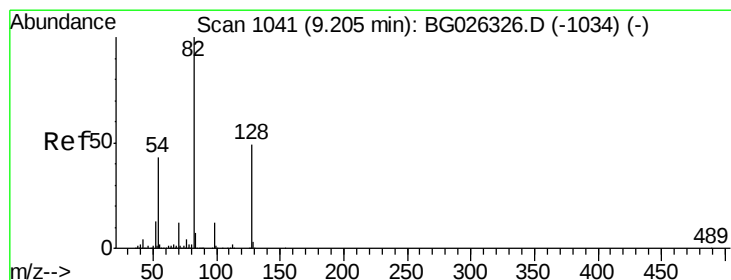
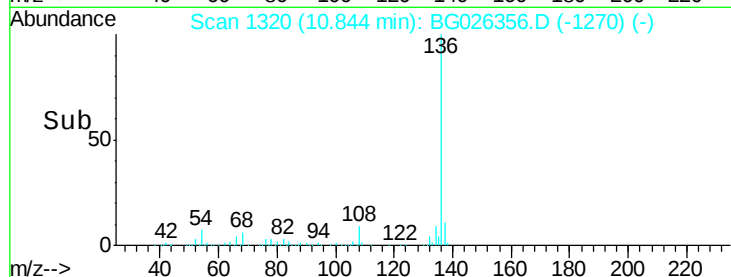
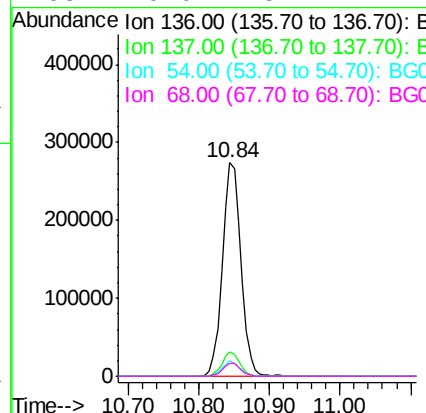
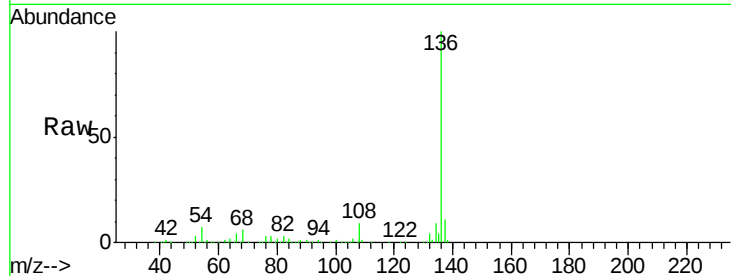
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	495205		
137	11.2	8.9	13.3	
54	7.2	9.3	13.9	
68	6.0	5.1	7.7	

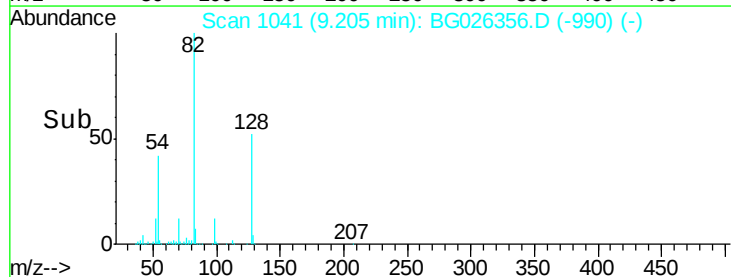
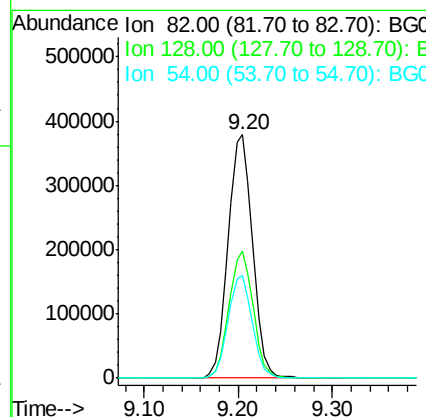
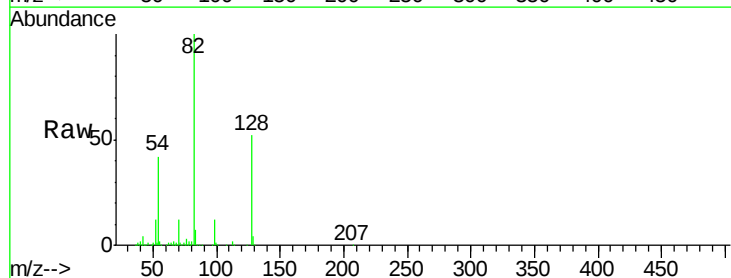
Manual Integrations
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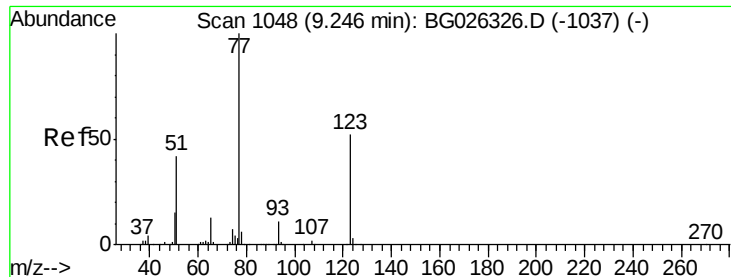
mohammad
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#23
Nitrobenzene-d5
Concen: 83.24 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	685512		
128	52.4	26.4	39.6	
54	42.0	49.4	74.2	





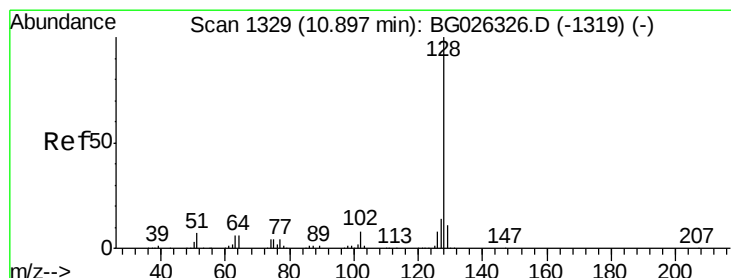
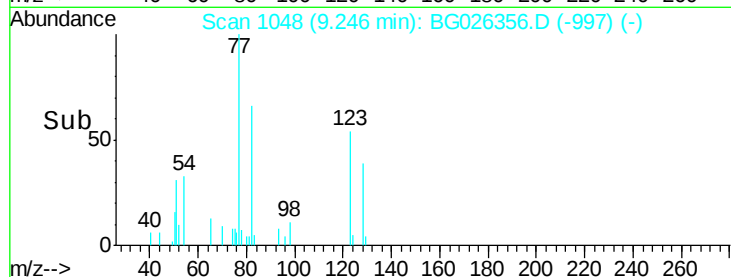
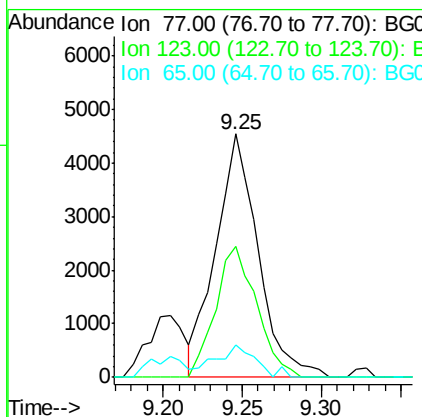
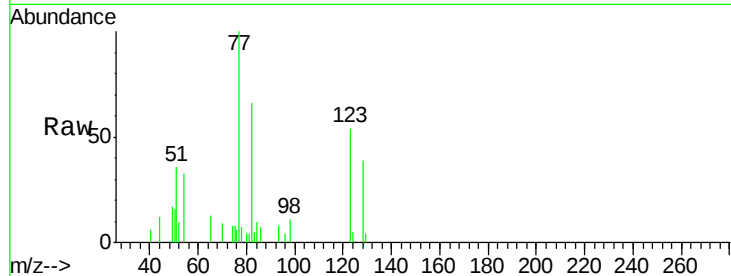
#24
 Nitrobenzene
 Concen: 1.04 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG026356.D
 Acq: 21 Mar 2017 13:26

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT2-2017

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.0	26.1	39.1#
65	13.3	12.4	18.6

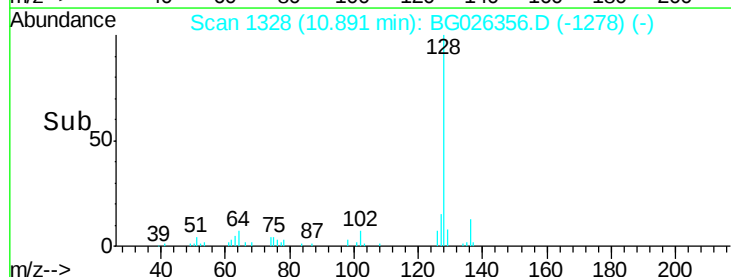
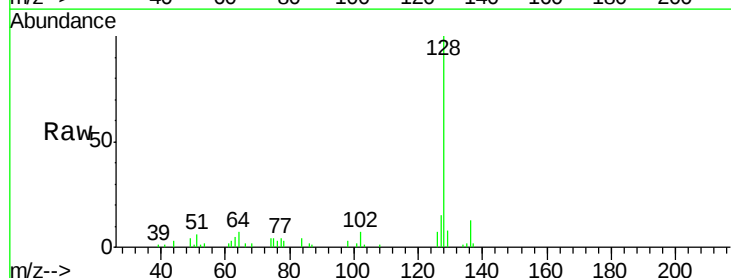
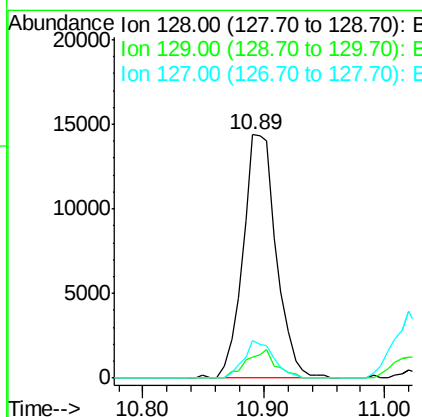
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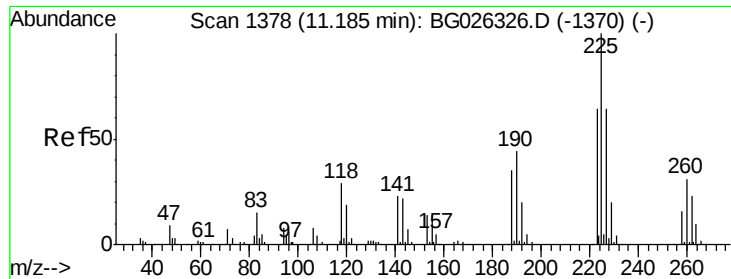
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#31
 Naphthalene
 Concen: 1.10 ng
 RT: 10.89 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BG026356.D
 Acq: 21 Mar 2017 13:26

Tgt Ion	Ratio	Lower	Upper
128	100		
129	8.4	9.3	13.9#
127	15.4	11.4	17.0





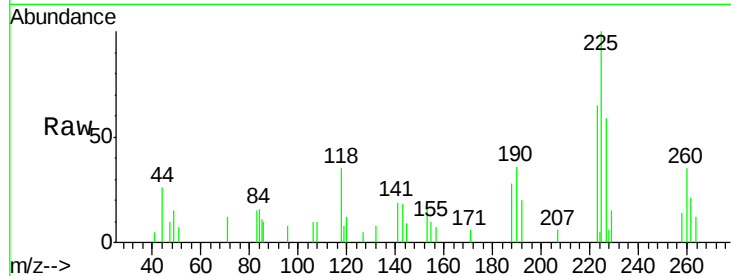
#34
Hexachlorobutadiene
Concen: 1.10 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.7	76.1
227	58.6	49.0	73.6

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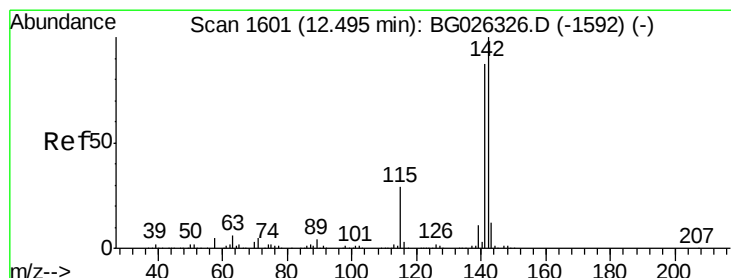
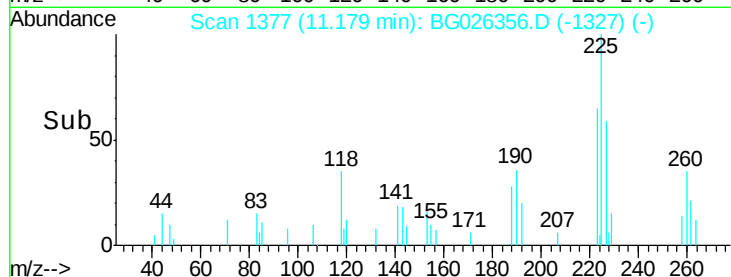
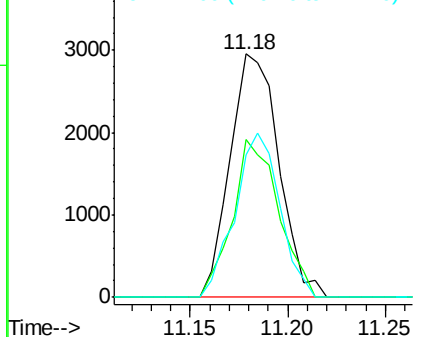


Abundance

Ion 225.00 (224.70 to 225.70): E

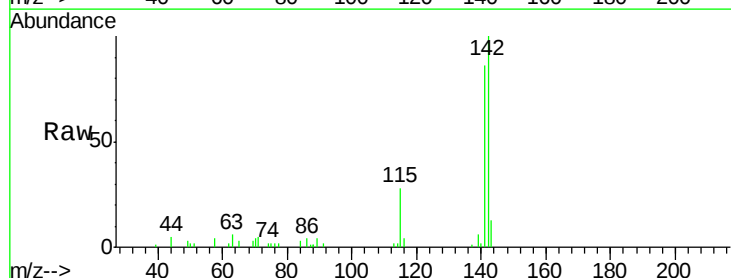
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#37
2-Methylnaphthalene
Concen: 1.09 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.8	70.4	105.6
115	28.4	35.5	53.3#

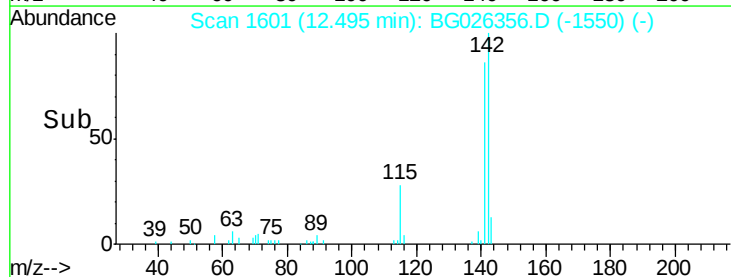
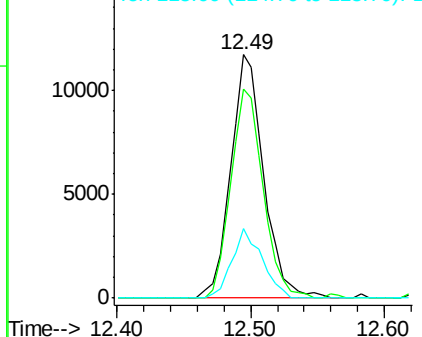


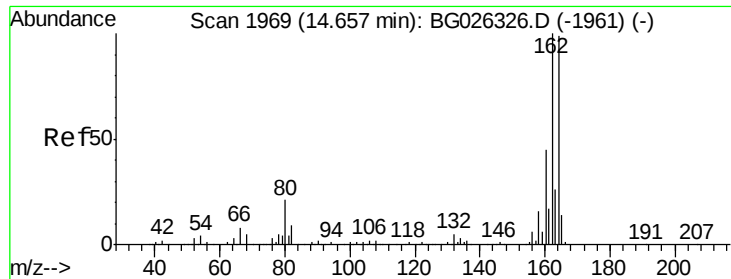
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





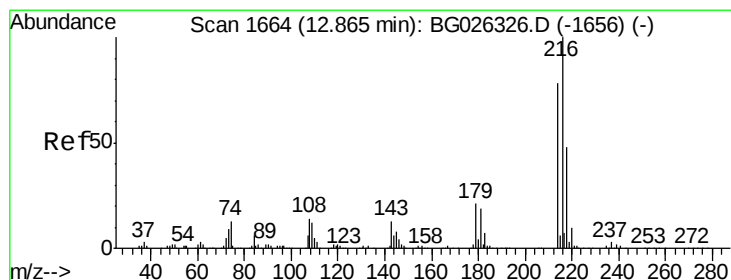
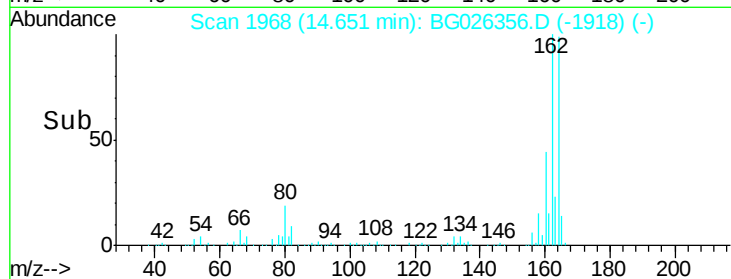
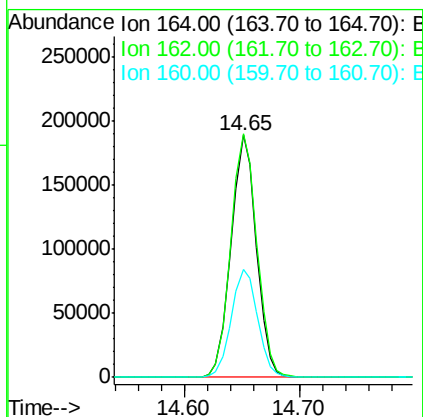
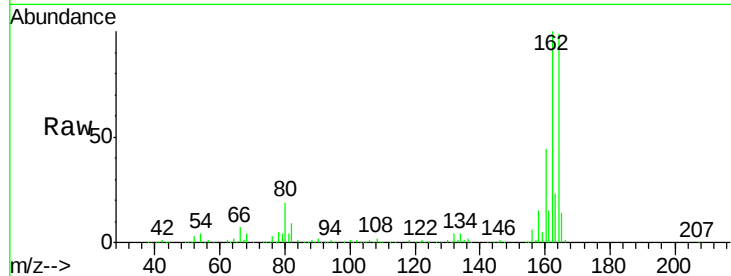
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	286077		
162	100.6	85.1	127.7	
160	44.8	34.7	52.1	

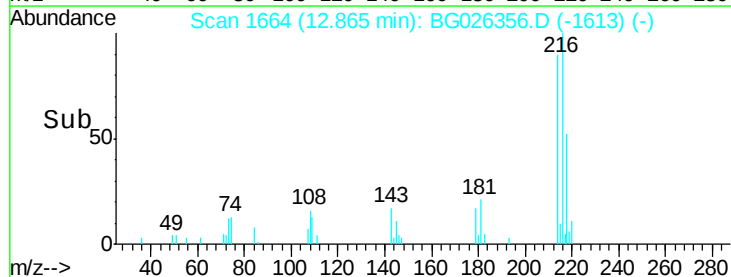
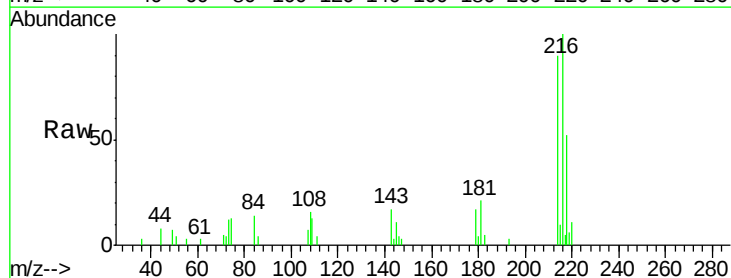
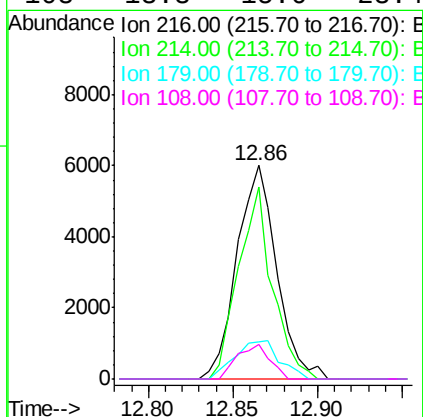
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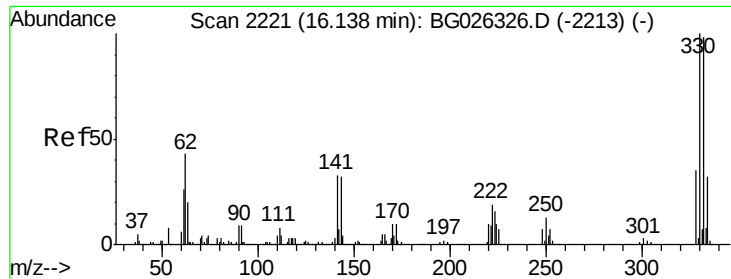
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 1.14 ng
RT: 12.86 min Scan# 1664
Delta R.T. -0.00 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	9791		
214	77.1	64.4	96.6	
179	20.3	17.4	26.0	
108	13.3	15.6	23.4	





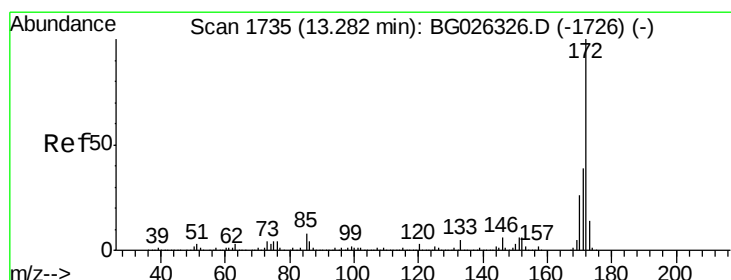
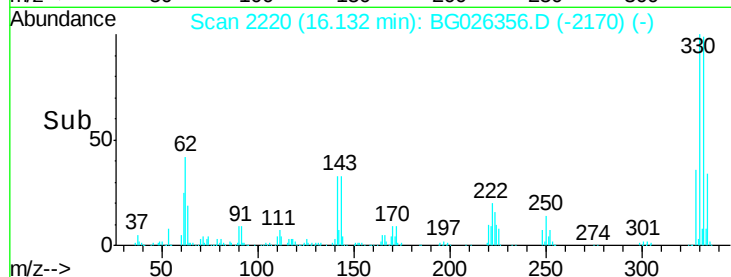
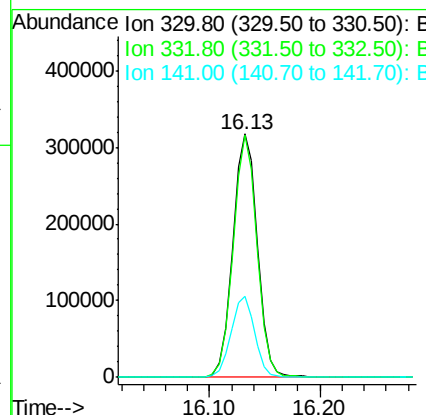
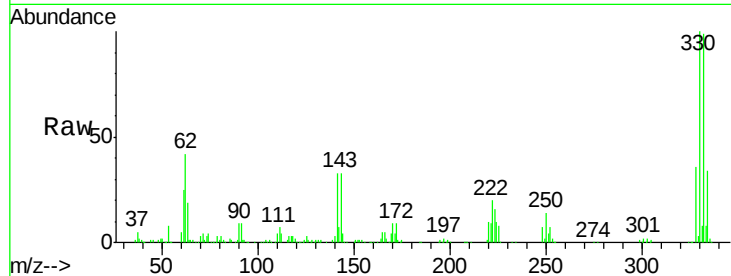
#41
 2,4,6-Tribromophenol
 Concen: 150.89 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026356.D
 Acq: 21 Mar 2017 13:26

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT2-2017

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	494331		
332	96.2	77.3	115.9	
141	32.2	32.1	48.1	

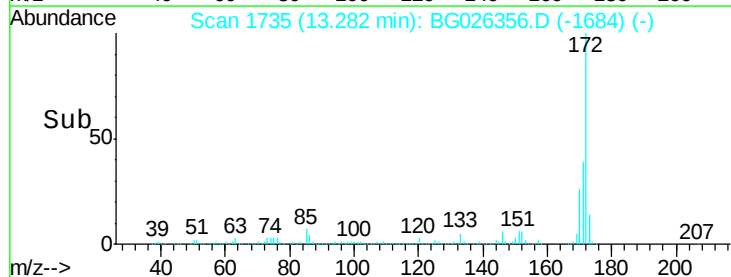
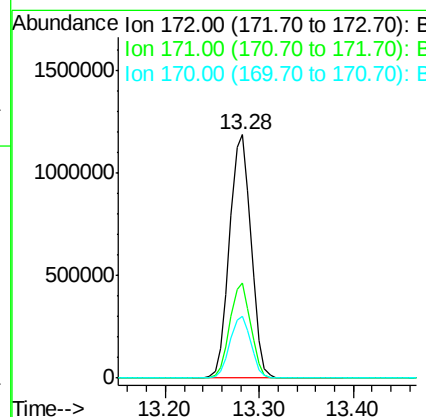
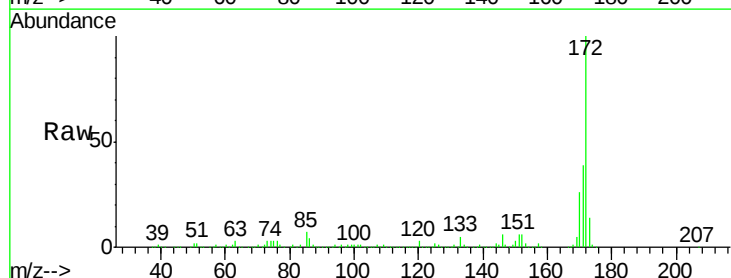
Manual Integrations
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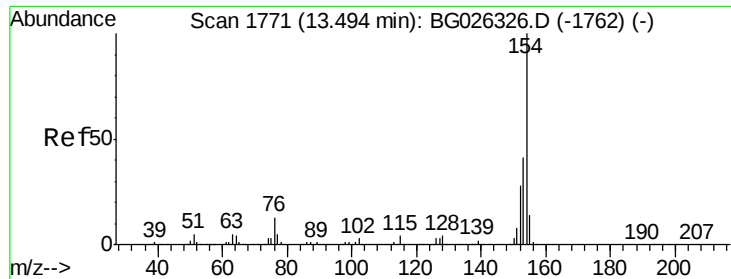
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 92.67 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG026356.D
 Acq: 21 Mar 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1890470		
171	38.9	32.2	48.2	
170	25.5	21.8	32.6	





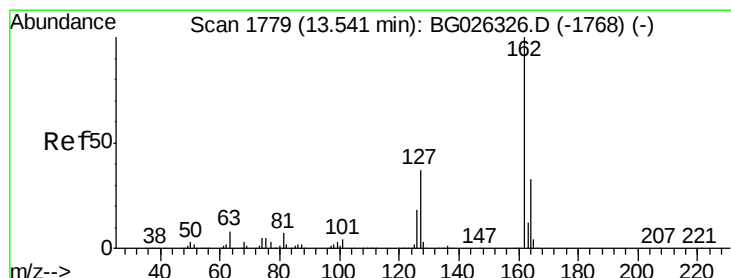
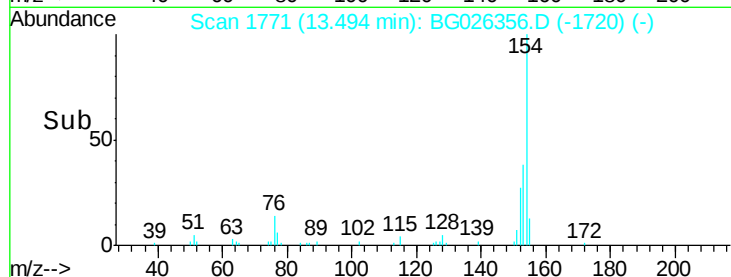
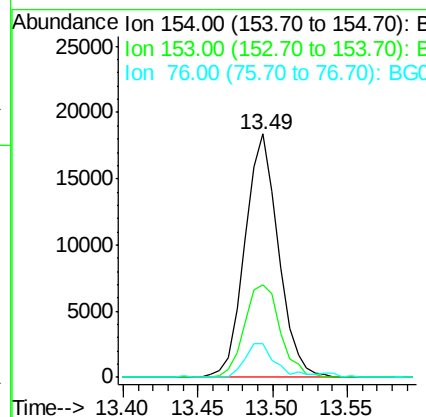
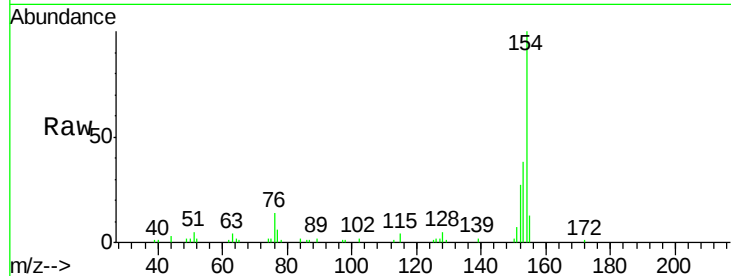
#45
 1,1'-Biphenyl
 Concen: 1.20 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG026356.D
 Acq: 21 Mar 2017 13:26

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT2-2017

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.1	23.0	63.0
76	13.8	0.0	33.5

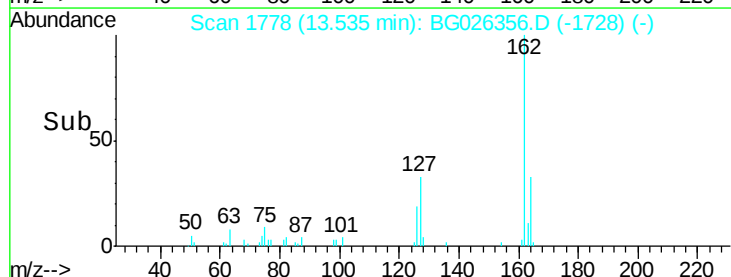
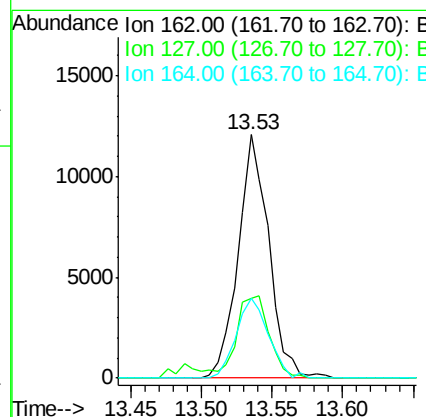
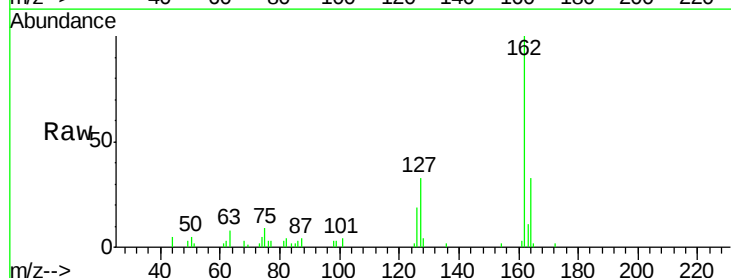
Manual Integrations
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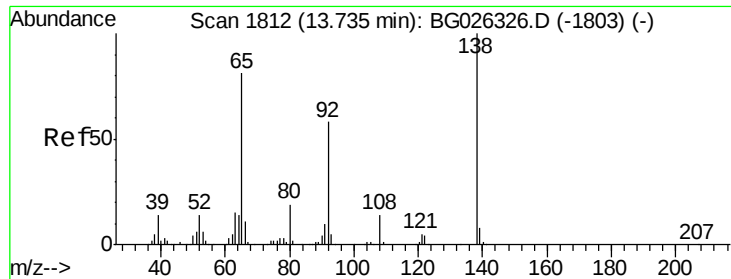
mohammad
 3/23/2017 3:31:42 PM



#46
 2-Chloronaphthalene
 Concen: 1.06 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG026356.D
 Acq: 21 Mar 2017 13:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	32.7	32.2	48.4
164	32.9	27.3	40.9





#47

2-Nitroaniline

Concen: 0.75 ng

RT: 13.74 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BG026356.D

Acq: 21 Mar 2017 13:26

Instrument :

BNA_G

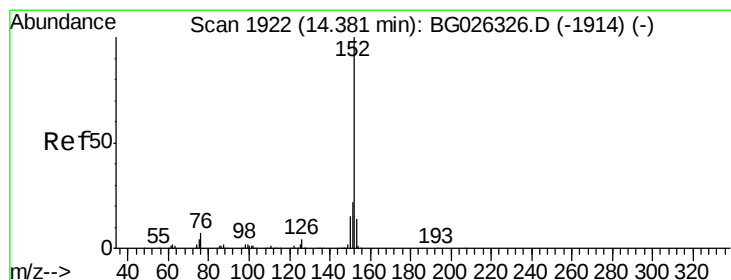
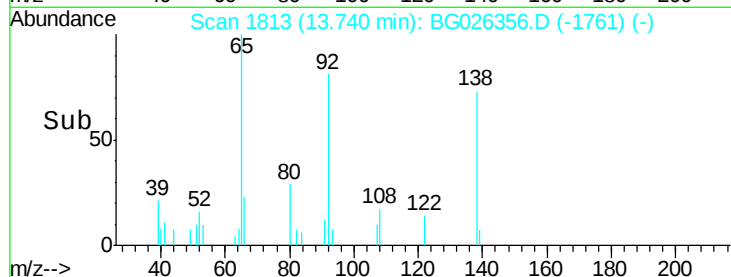
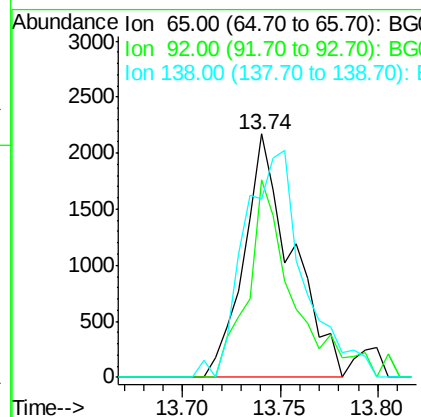
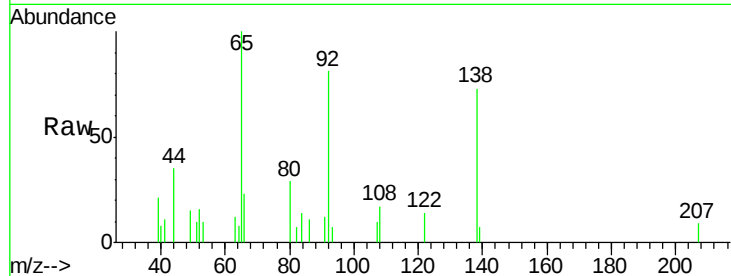
ClientSampleId :

LOD-WATER-05-QT2-2017

Tgt Ion:	65	Resp:	3700
Ion Ratio	Lower	Upper	
65	100		
92	81.4	49.0	73.4#
138	73.4	58.6	87.8

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#48

Acenaphthylene

Concen: 1.03 ng

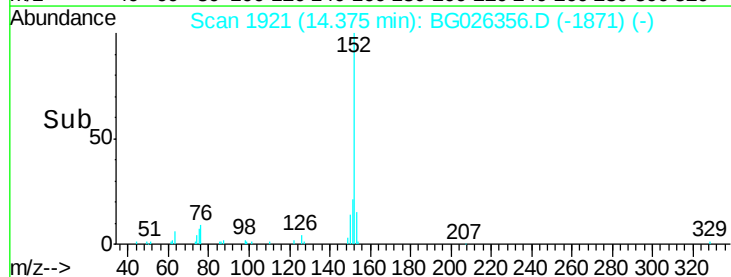
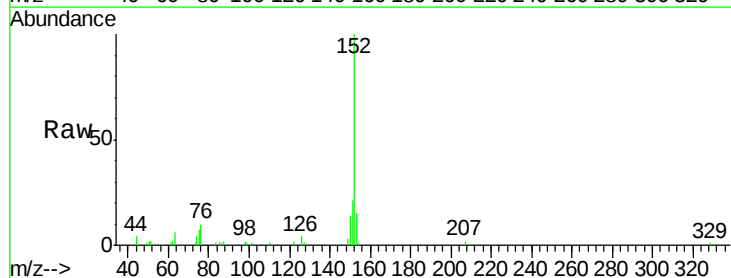
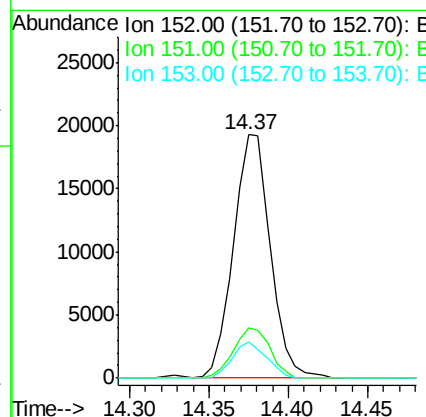
RT: 14.37 min Scan# 1921

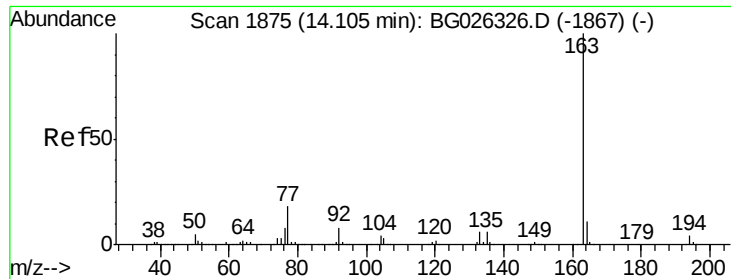
Delta R.T. -0.01 min

Lab File: BG026356.D

Acq: 21 Mar 2017 13:26

Tgt Ion:	152	Resp:	31098
Ion Ratio	Lower	Upper	
152	100		
151	20.5	18.2	27.2
153	14.8	11.3	16.9





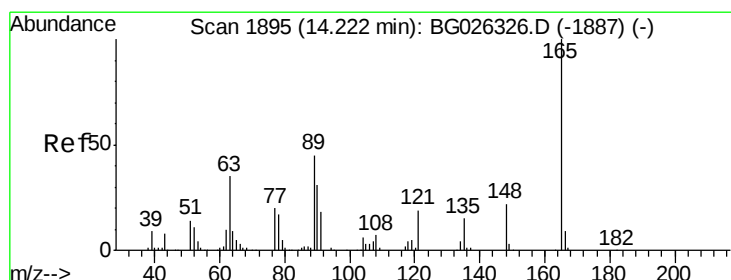
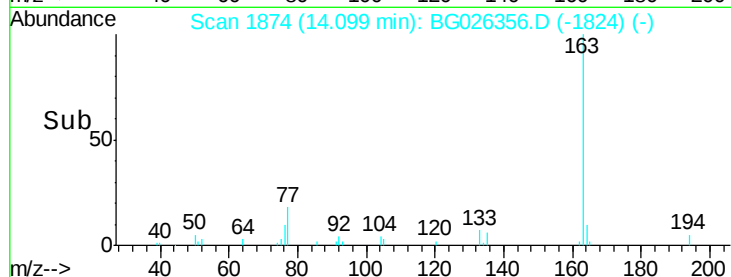
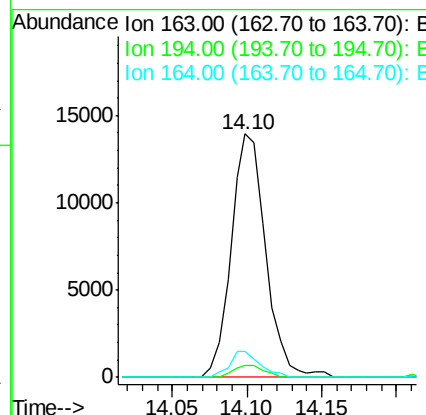
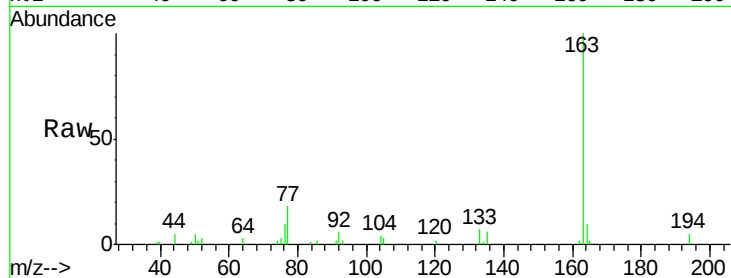
#49
Dimethylphthalate
Concen: 1.04 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	22521		
194	5.1	3.8	5.6	
164	10.5	9.3	13.9	

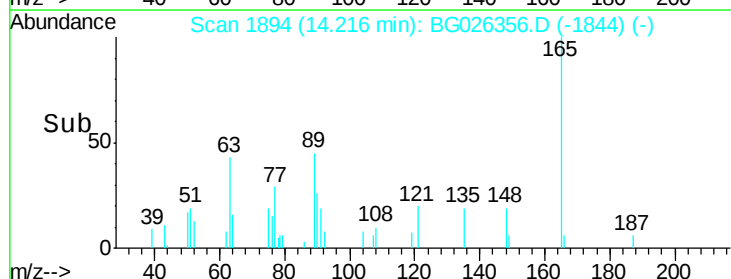
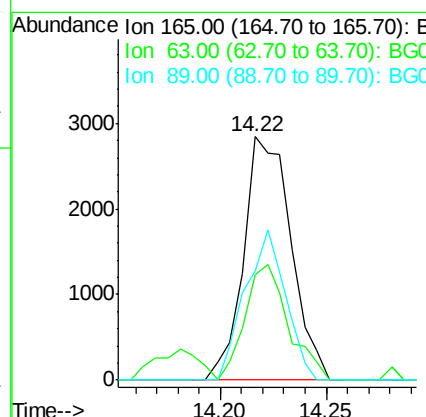
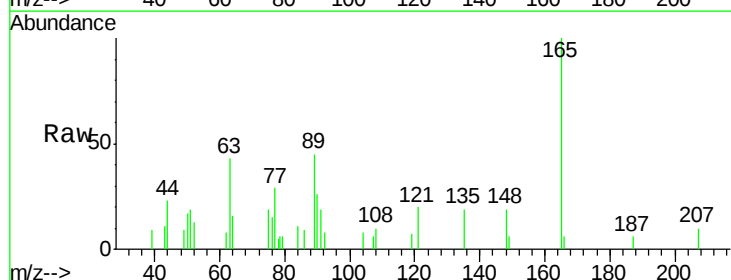
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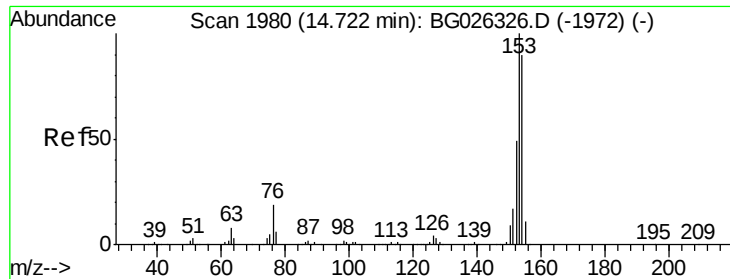
mohammad
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#50
2,6-Dinitrotoluene
Concen: 0.88 ng
RT: 14.22 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	4412		
63	43.1	63.9	95.9#	
89	45.1	58.6	88.0#	





#51

Acenaphthene

Concen: 1.10 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG026356.D

Acq: 21 Mar 2017 13:26

Instrument :

BNA_G

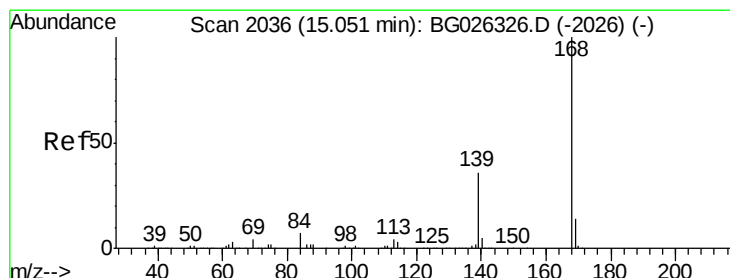
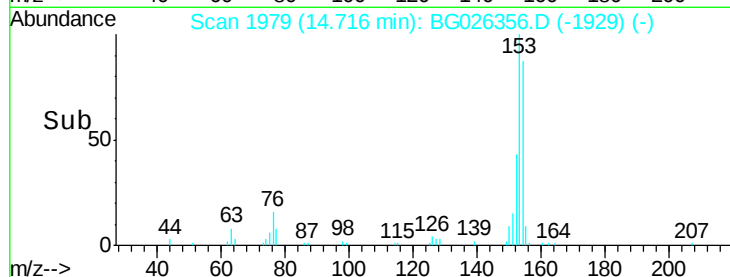
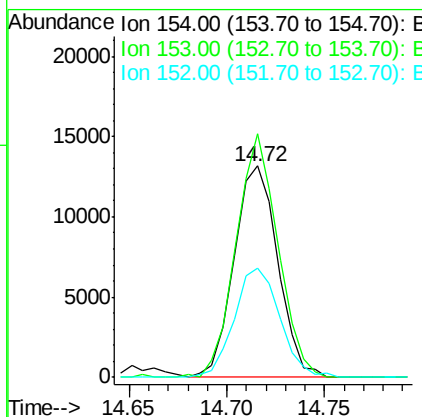
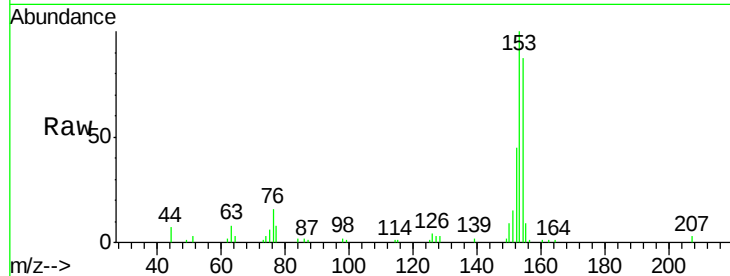
ClientSampleId :

LOD-WATER-05-QT2-2017

Tgt Ion:	154	Resp:	20414
Ion Ratio	Lower	Upper	
154	100		
153	115.1	87.8	131.6
152	51.6	42.2	63.4

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#54

Dibenzofuran

Concen: 1.13 ng

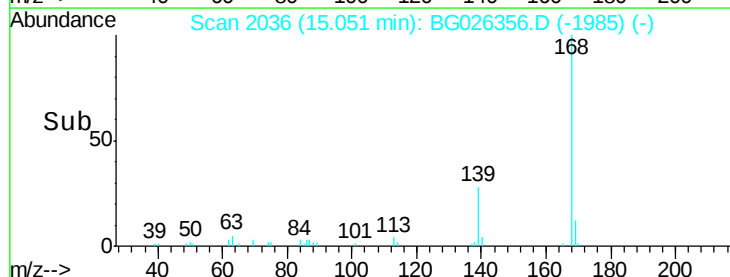
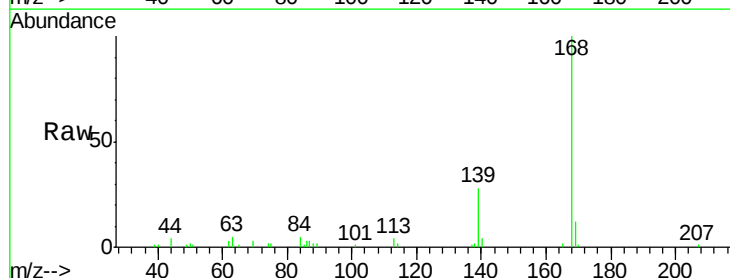
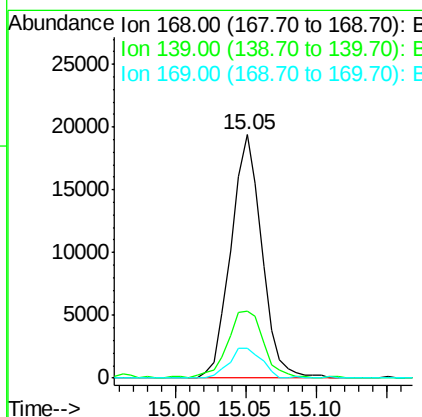
RT: 15.05 min Scan# 2036

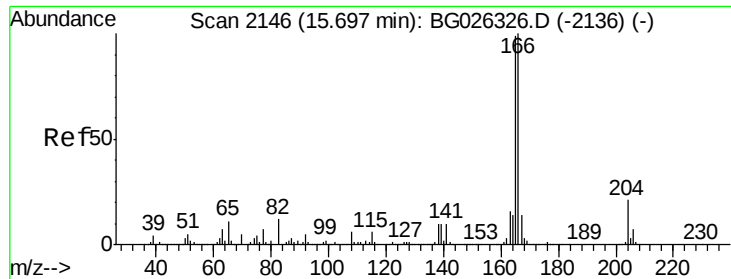
Delta R.T. -0.00 min

Lab File: BG026356.D

Acq: 21 Mar 2017 13:26

Tgt Ion:	168	Resp:	29652
Ion Ratio	Lower	Upper	
168	100		
139	27.6	35.3	52.9#
169	12.3	11.5	17.3





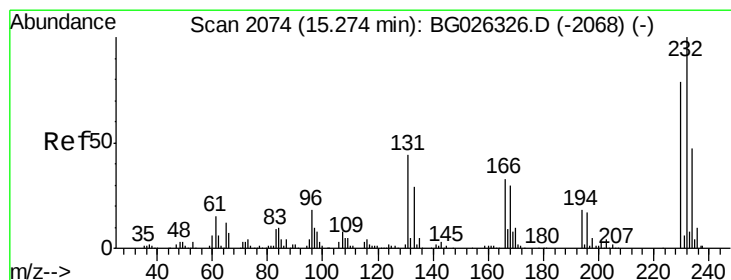
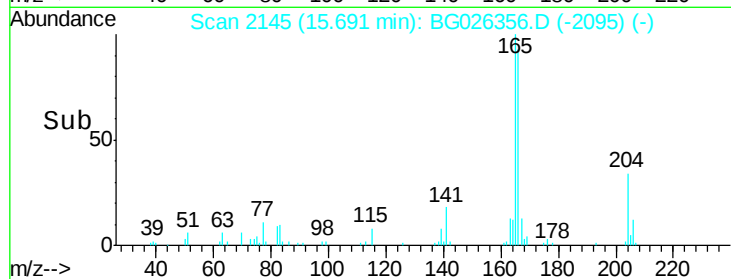
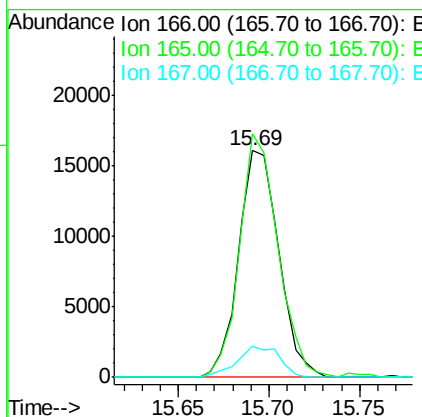
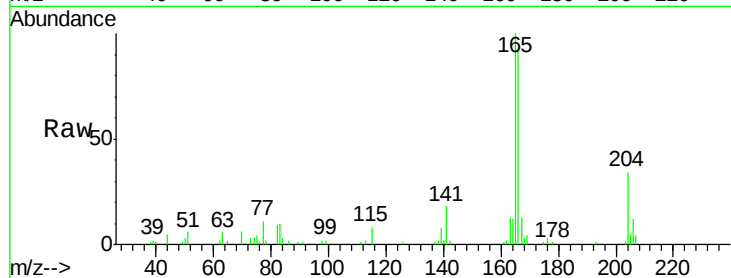
#57
Fluorene
Concen: 1.06 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	24736		
165	107.5	78.6	117.8	
167	13.8	11.6	17.4	

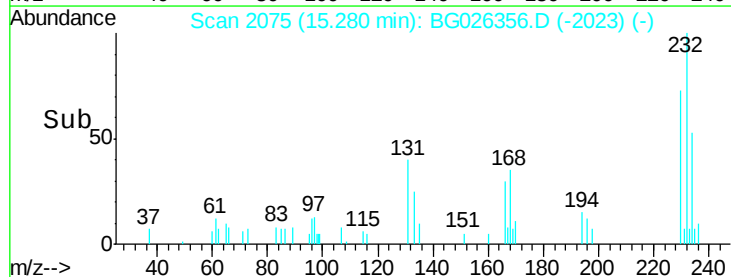
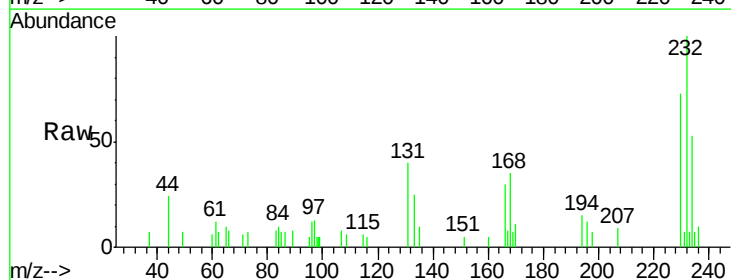
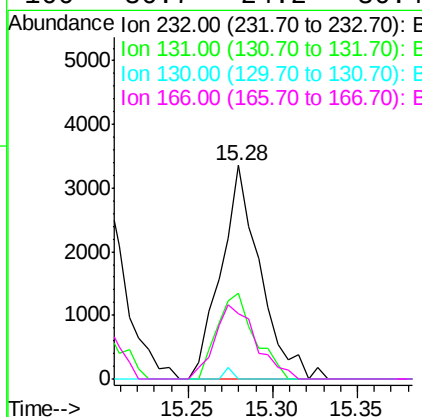
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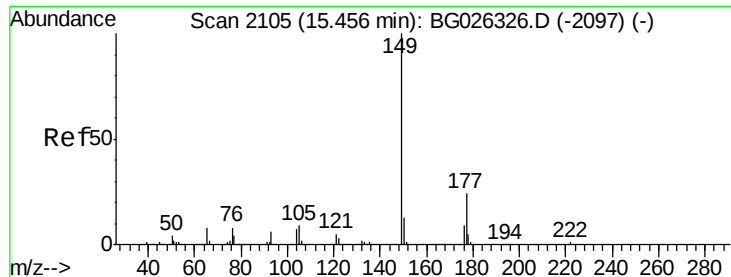
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#58
2,3,4,6-Tetrachlorophenol
Concen: 0.99 ng
RT: 15.28 min Scan# 2075
Delta R.T. 0.01 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	5400		
131	38.7	34.9	52.3	
130	1.2	2.3	3.5#	
166	36.7	24.2	36.4#	





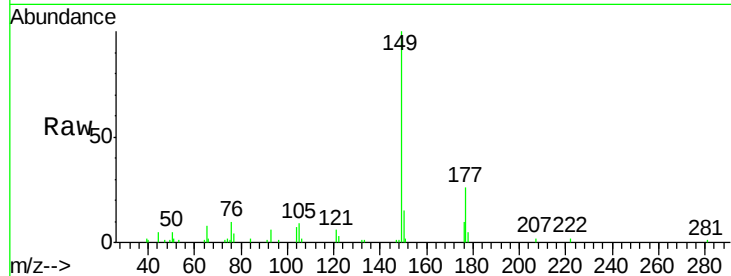
#59
Diethylphthalate
Concen: 0.97 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

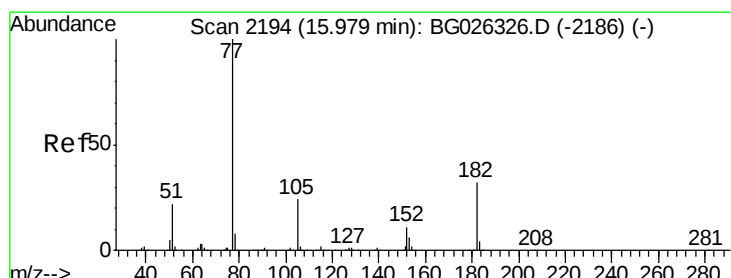
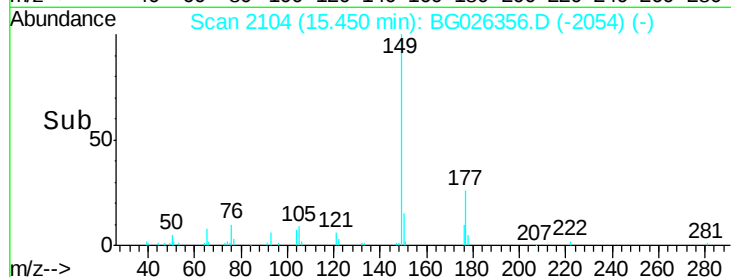
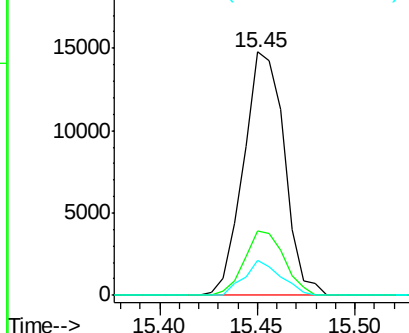
Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.5	20.1	30.1
150	14.6	10.2	15.2

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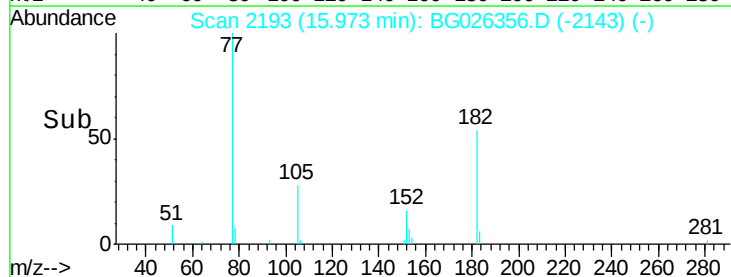
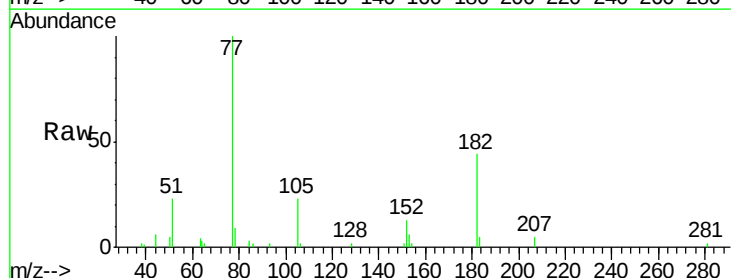
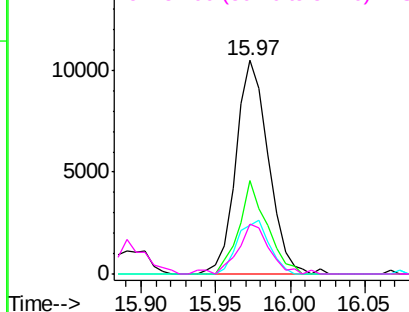
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

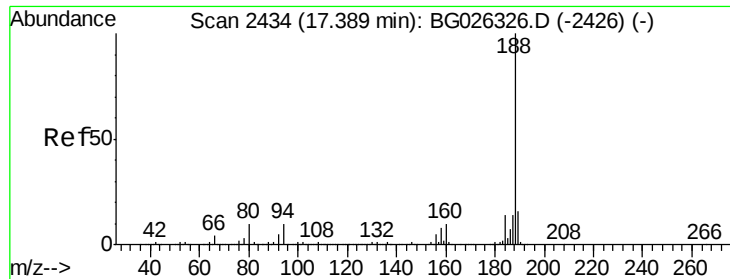


#62
Azobenzene
Concen: 0.88 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	43.9	4.7	44.7
105	22.8	0.0	36.3
51	23.2	16.4	56.4

Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG026356.D

Acq: 21 Mar 2017 13:26

Instrument :

BNA_G

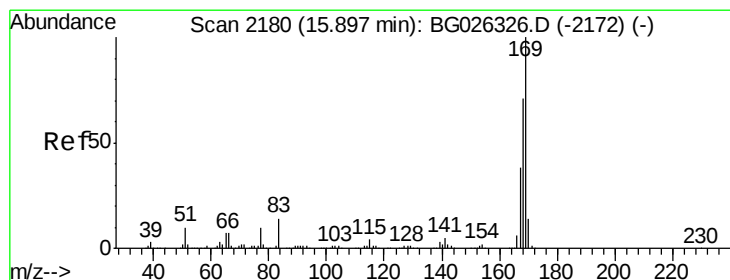
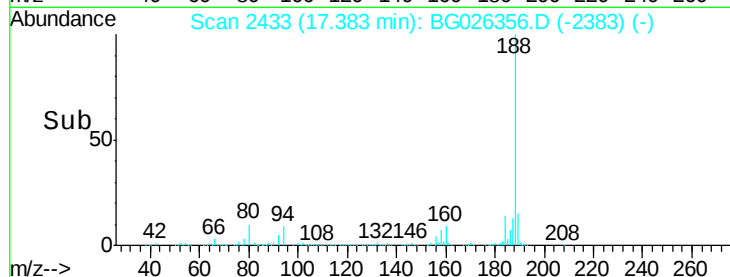
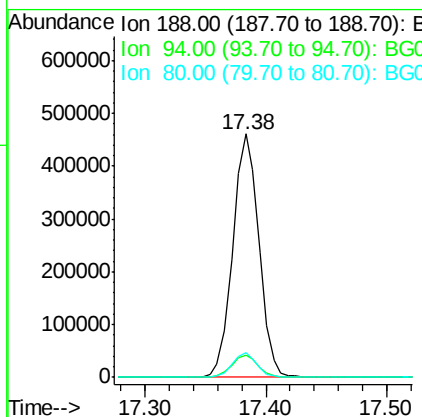
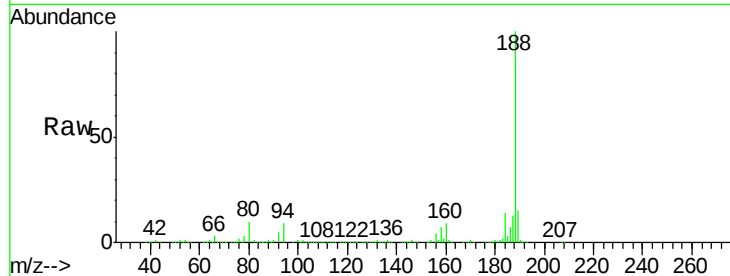
ClientSampleId :

LOD-WATER-05-QT2-2017

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	694402		
94	9.0	5.8	8.8#	
80	10.0	7.5	11.3	

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#65

n-Nitrosodiphenylamine

Concen: 0.96 ng

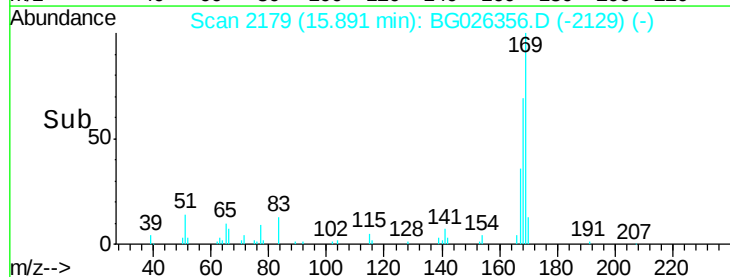
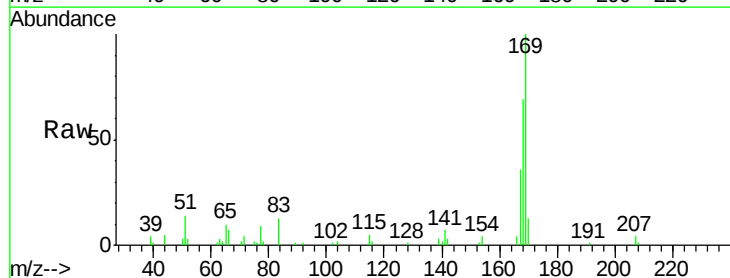
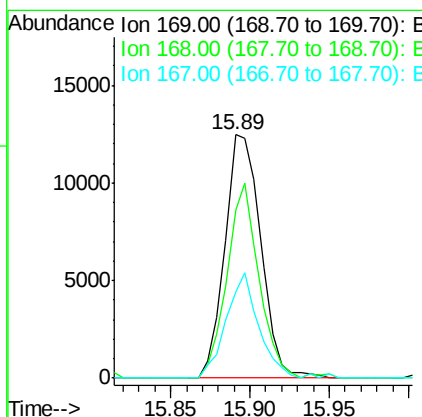
RT: 15.89 min Scan# 2179

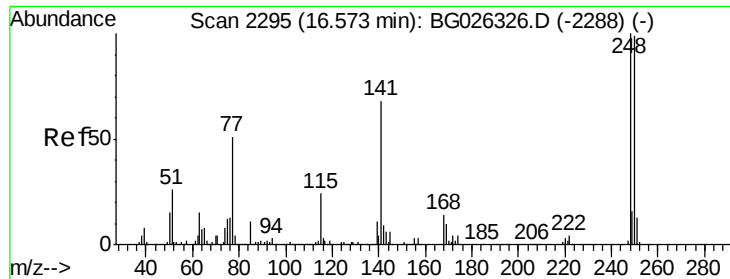
Delta R.T. -0.01 min

Lab File: BG026356.D

Acq: 21 Mar 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	19601		
168	69.1	55.7	83.5	
167	35.6	29.8	44.6	





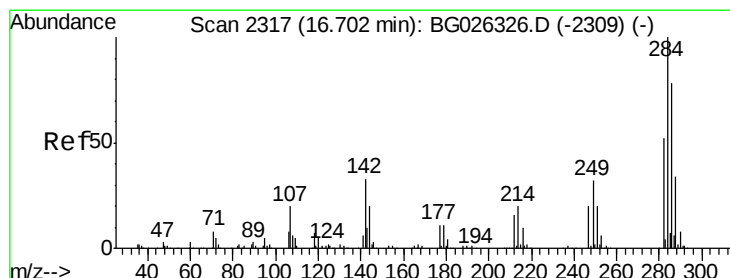
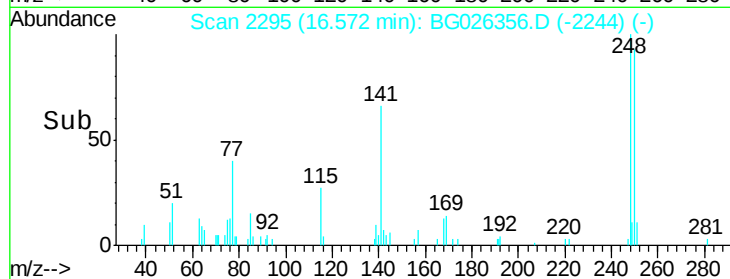
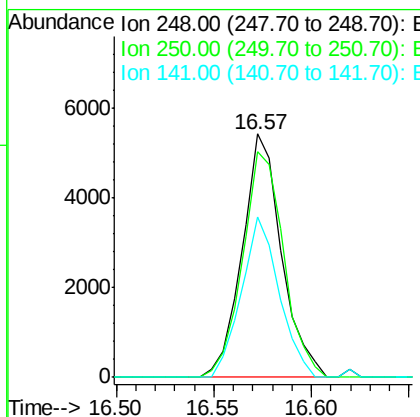
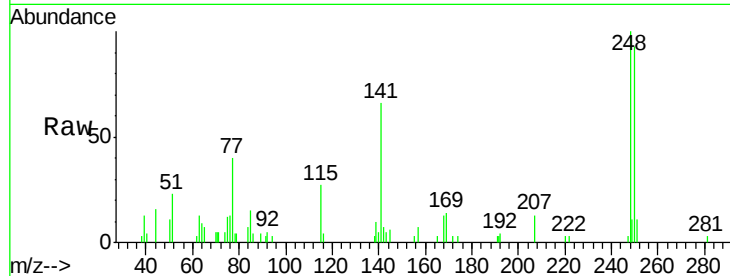
#66
4-Bromophenyl-phenylether
Concen: 1.06 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

Tgt Ion	Ratio	Lower	Upper
248	100		
250	92.9	75.0	112.6
141	65.8	55.2	82.8

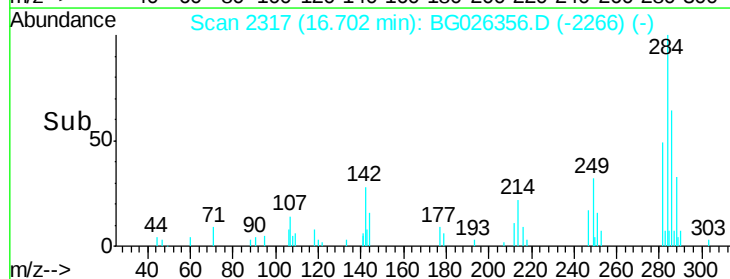
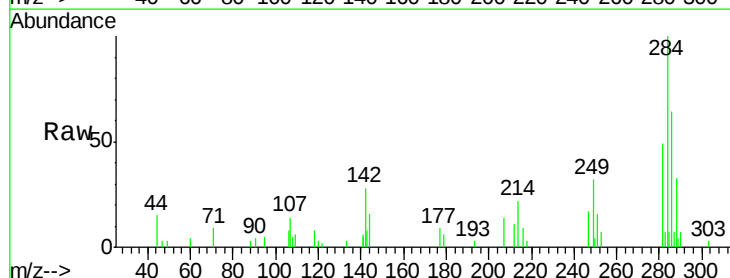
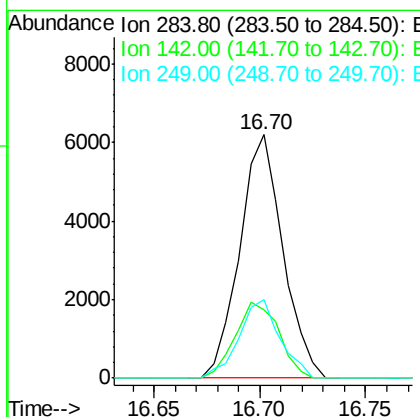
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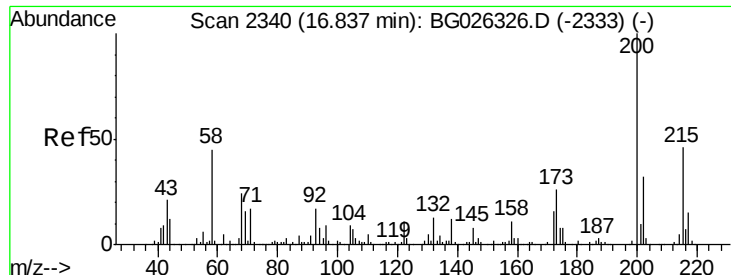
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#67
Hexachlorobenzene
Concen: 1.15 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	29.9	44.9#
249	32.2	29.2	43.8





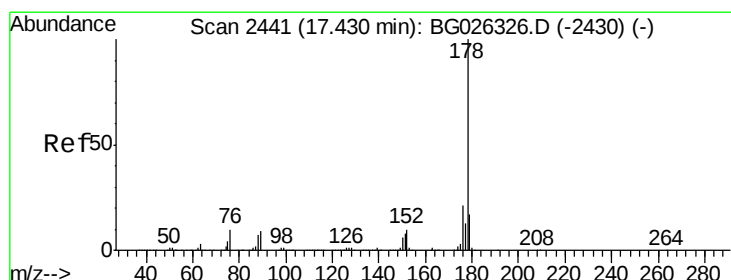
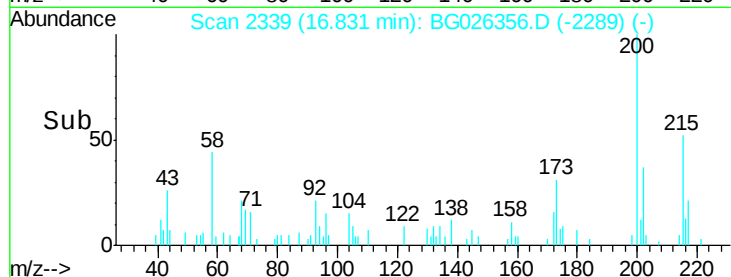
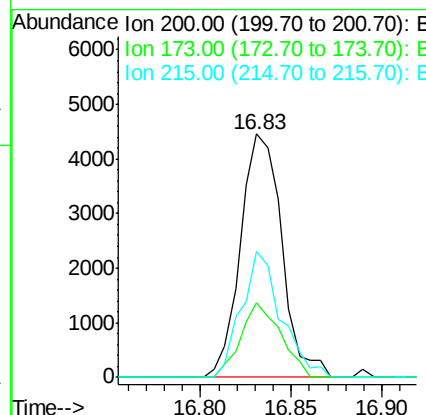
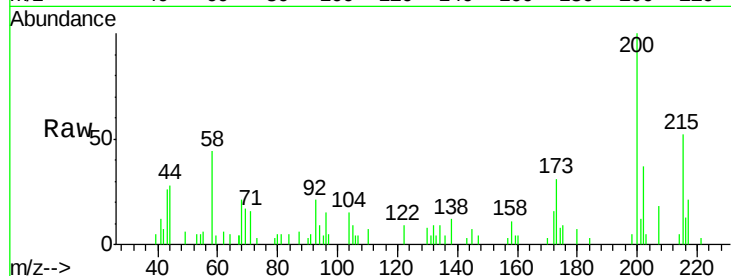
#68
Atrazine
Concen: 0.92 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.6	3.0	43.0
215	51.8	28.4	68.4

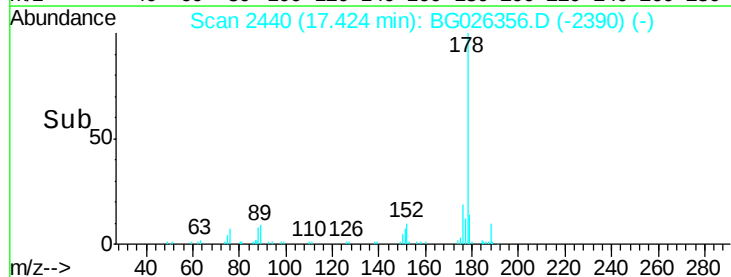
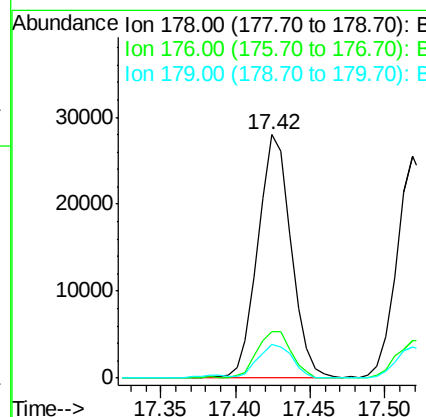
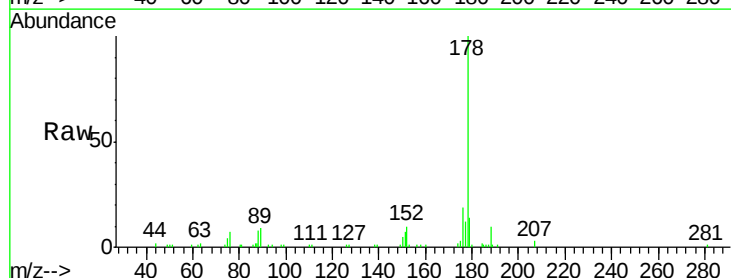
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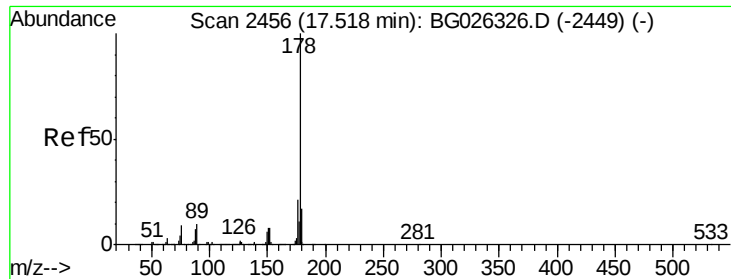
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#70
Phenanthrene
Concen: 1.16 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	17.7	26.5
179	14.1	15.0	22.6





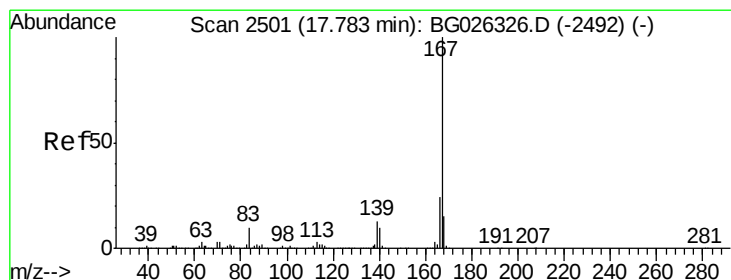
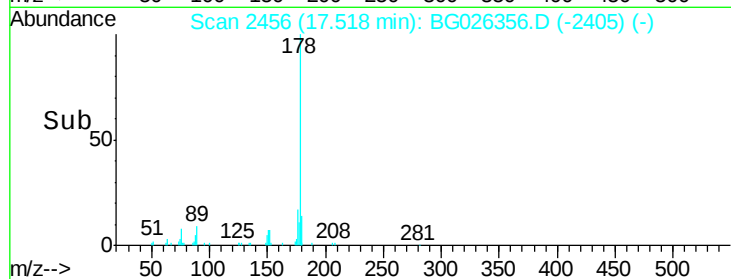
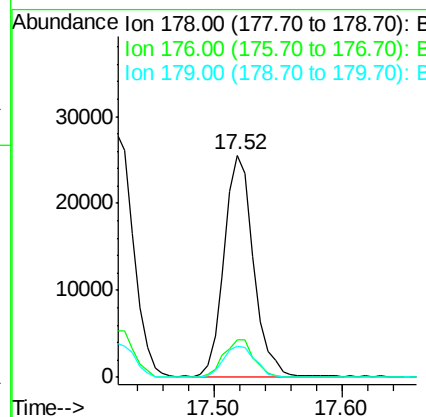
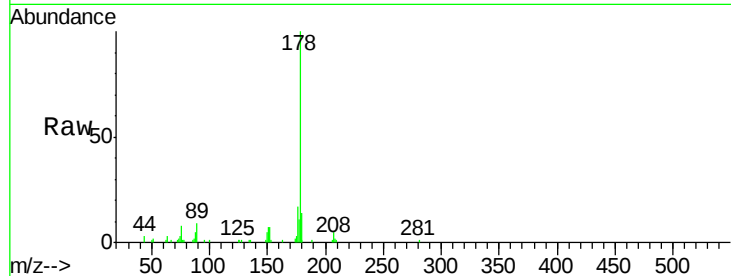
#71
 Anthracene
 Concen: 1.07 ng m
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG026356.D
 Acq: 21 Mar 2017 13:26

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT2-2017

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.6	16.4	24.6
179	13.7	13.8	20.8

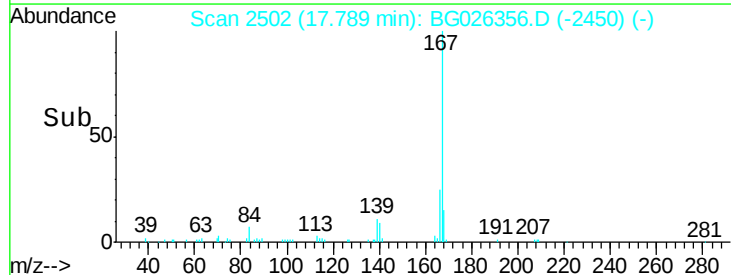
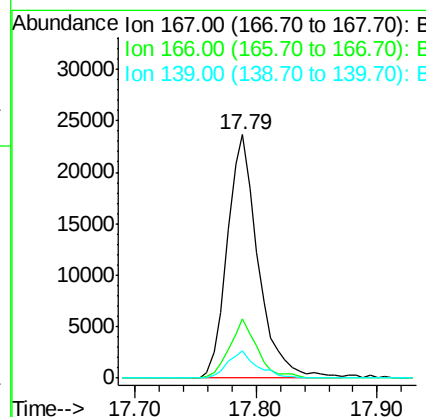
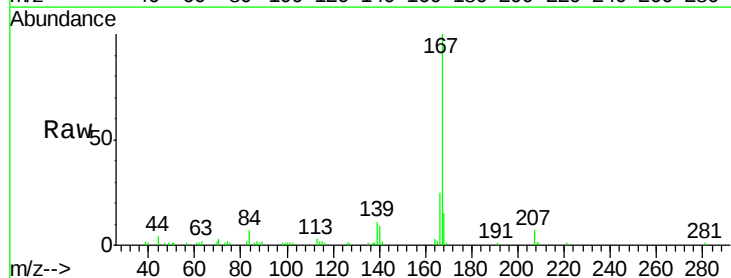
Manual Integrations
 APPROVED

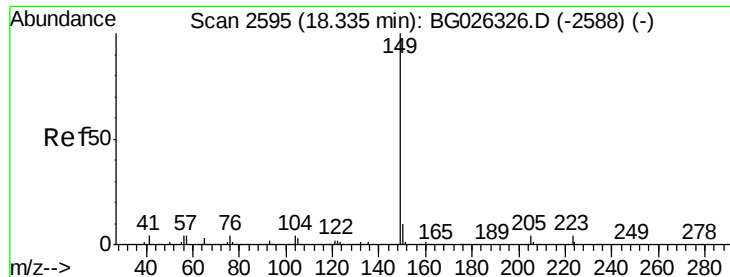
mohammad
 3/23/2017 3:31:42 PM



#72
 Carbazole
 Concen: 1.07 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. 0.01 min
 Lab File: BG026356.D
 Acq: 21 Mar 2017 13:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.5	20.2	30.2
139	11.5	12.8	19.2





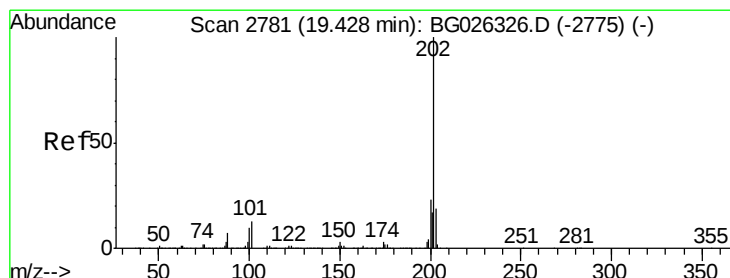
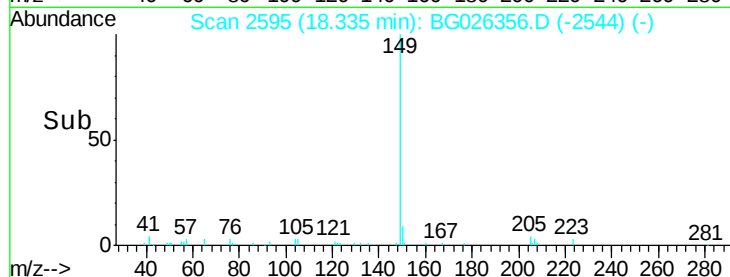
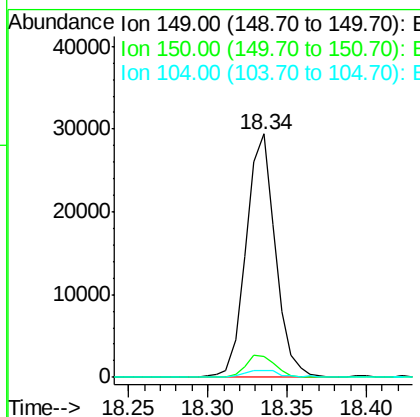
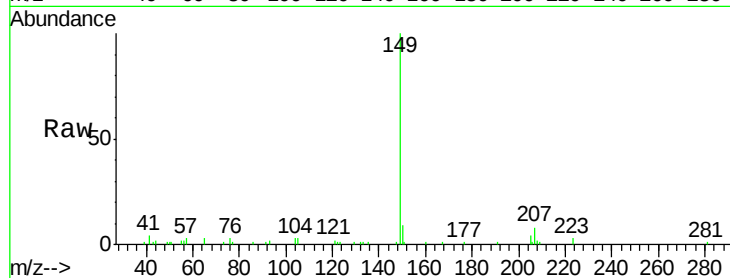
#73
Di-n-butylphthalate
Concen: 0.93 ng
RT: 18.34 min Scan# 2595
Delta R.T. -0.00 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
150	8.7	9.1	13.7#
104	3.0	6.7	10.1#

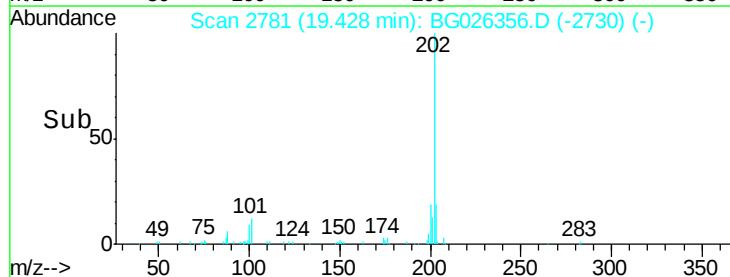
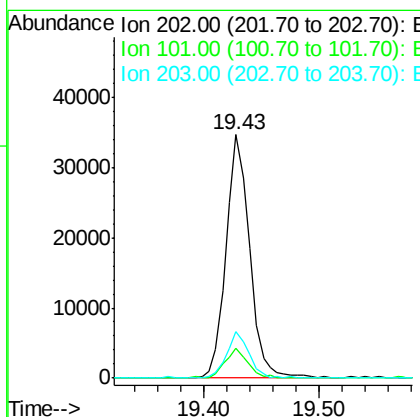
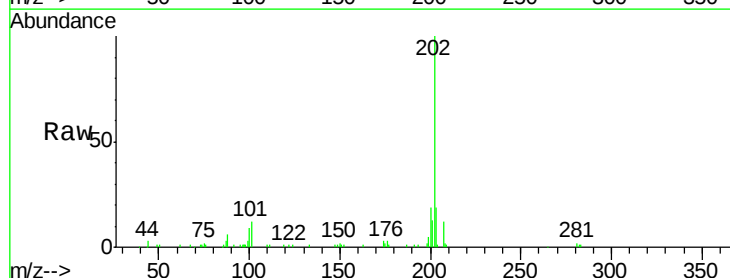
Manual Integrations
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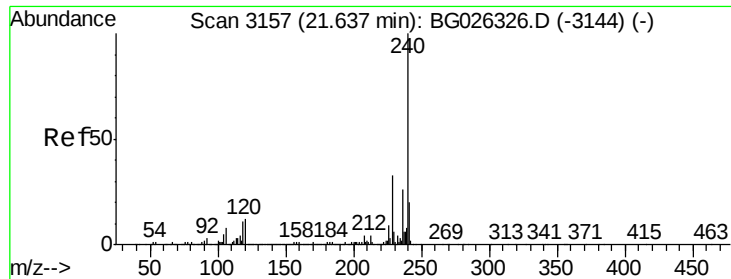
mohammad
3/23/2017 3:31:42 PM



#74
Fluoranthene
Concen: 1.13 ng
RT: 19.43 min Scan# 2781
Delta R.T. -0.00 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.3	0.0	30.1
203	19.1	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG026356.D

Acq: 21 Mar 2017 13:26

Instrument :

BNA_G

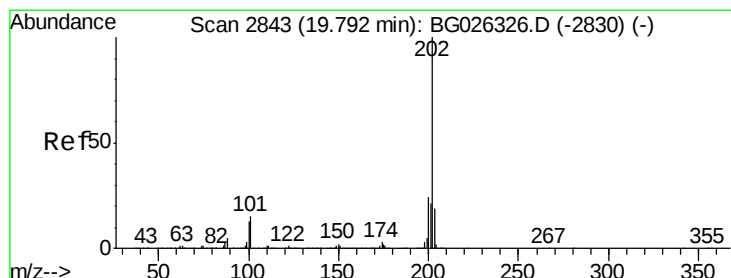
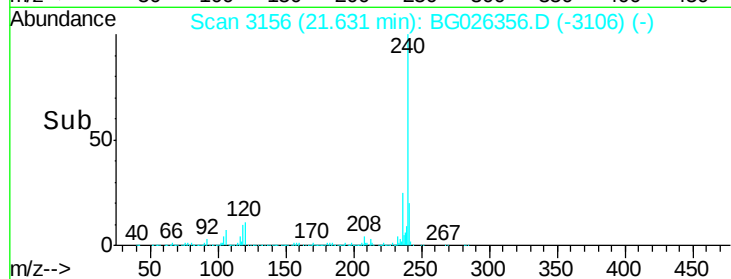
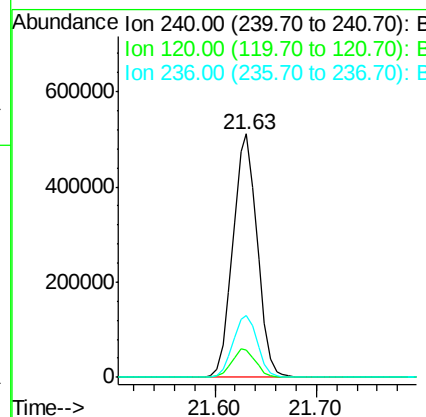
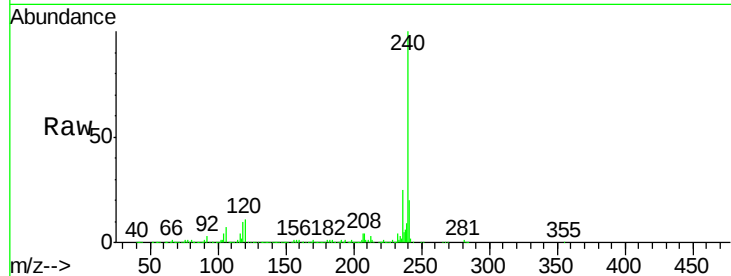
ClientSampleId :

LOD-WATER-05-QT2-2017

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	5.7	8.5#
236	25.5	22.2	33.4

Manual Integrations
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#77

Pyrene

Concen: 1.08 ng

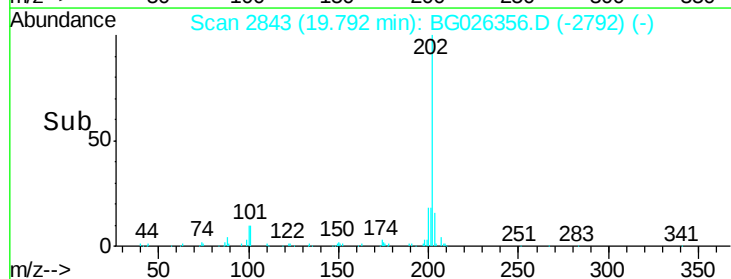
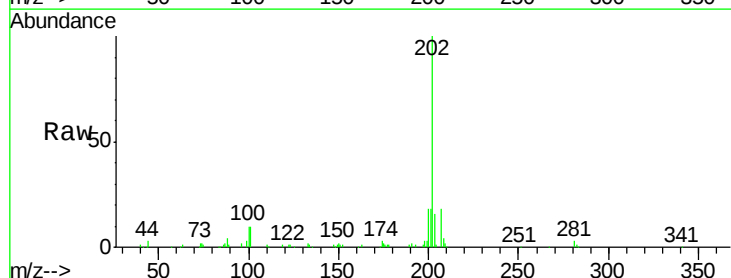
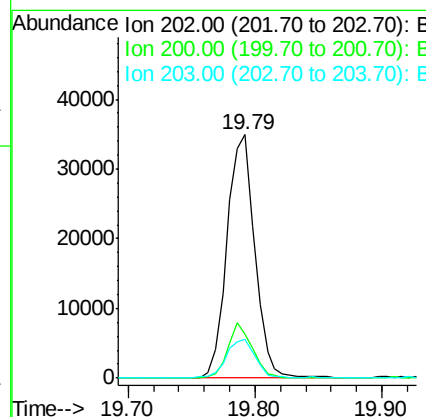
RT: 19.79 min Scan# 2843

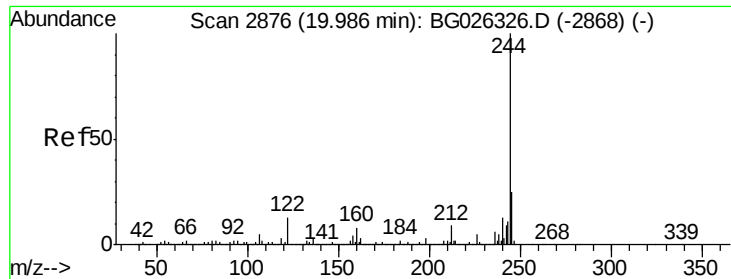
Delta R.T. -0.00 min

Lab File: BG026356.D

Acq: 21 Mar 2017 13:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.3	19.6	29.4#
203	16.2	15.8	23.8





#78

Terphenyl-d14

Concen: 76.67 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026356.D

Acq: 21 Mar 2017 13:26

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

Tgt Ion:244 Resp: 2678978

Ion Ratio Lower Upper

244 100

212 8.7 10.0 15.0#

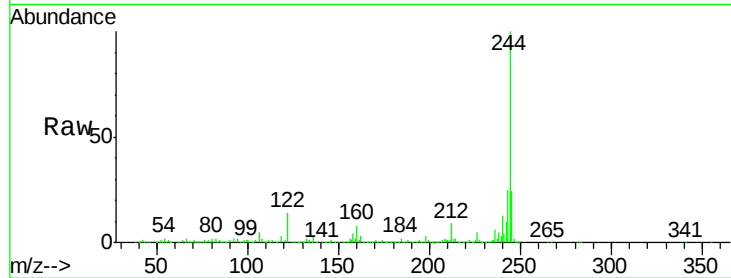
122 14.0 8.6 12.8#

Manual Integrations

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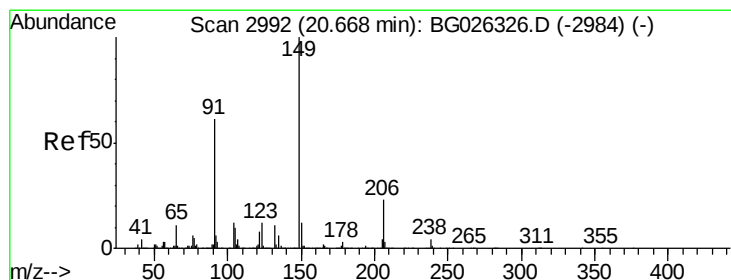
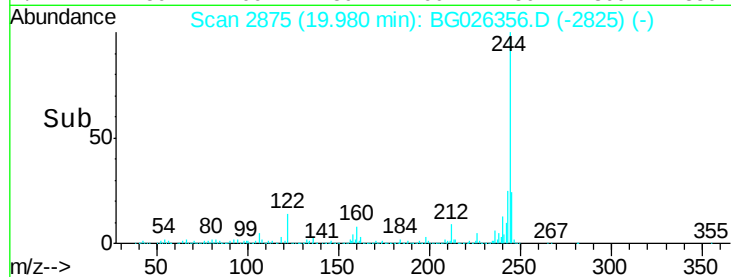
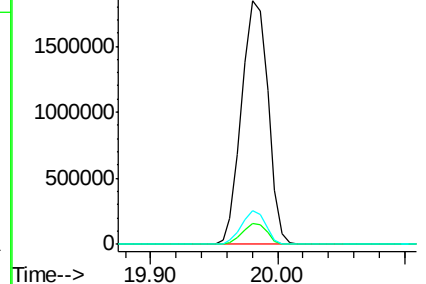
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.96 ng

RT: 20.66 min Scan# 2991

Delta R.T. -0.01 min

Lab File: BG026356.D

Acq: 21 Mar 2017 13:26

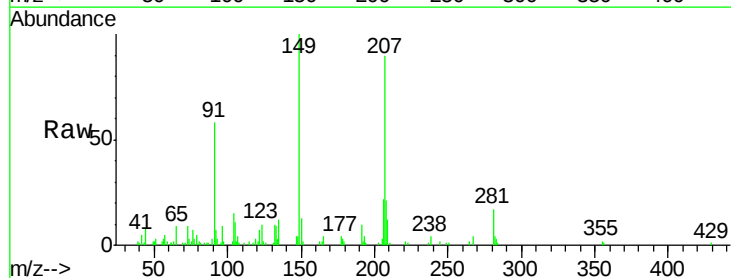
Tgt Ion:149 Resp: 18970

Ion Ratio Lower Upper

149 100

91 58.0 63.5 95.3#

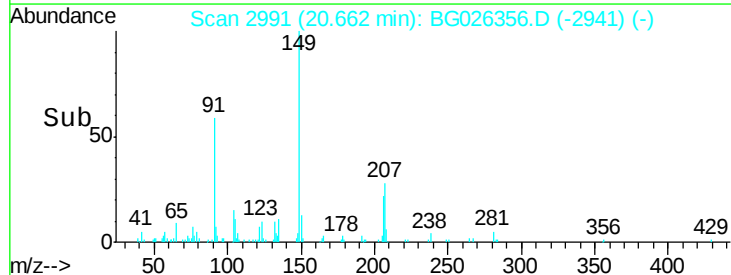
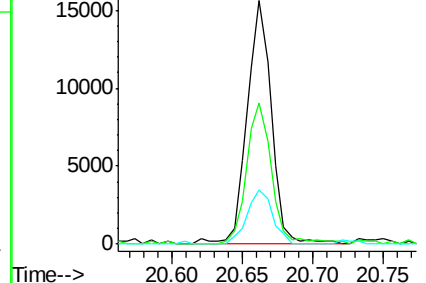
206 22.1 21.0 31.6

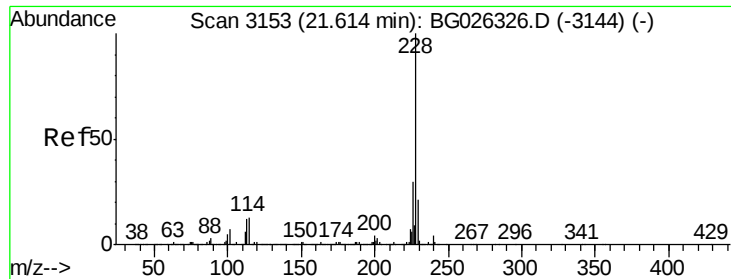


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





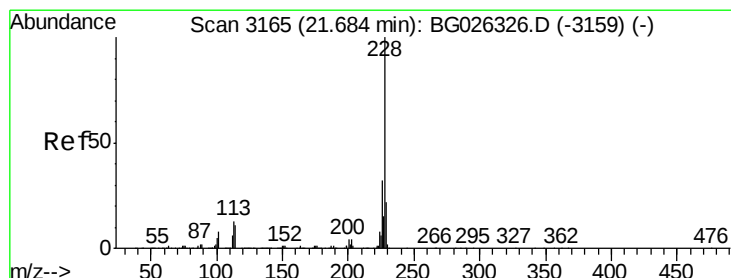
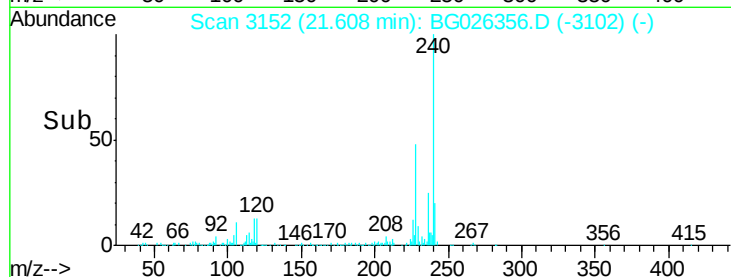
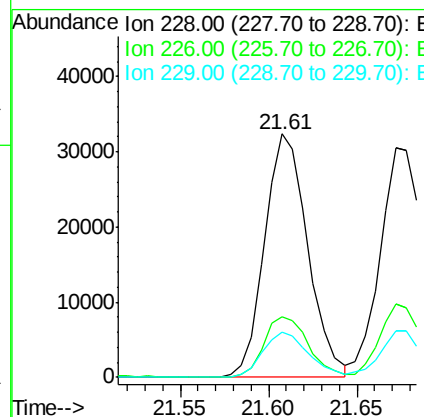
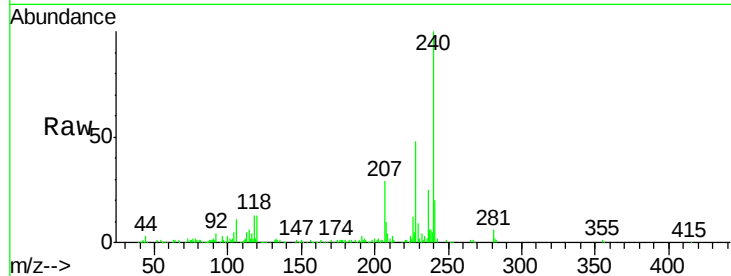
#80
Benzo(a)anthracene
Concen: 1.16 ng m
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

Tgt Ion	Ratio	Lower	Upper
228	100		
226	24.8	24.9	37.3#
229	18.7	18.2	27.2

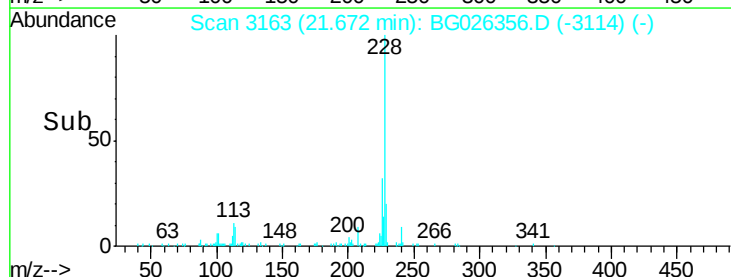
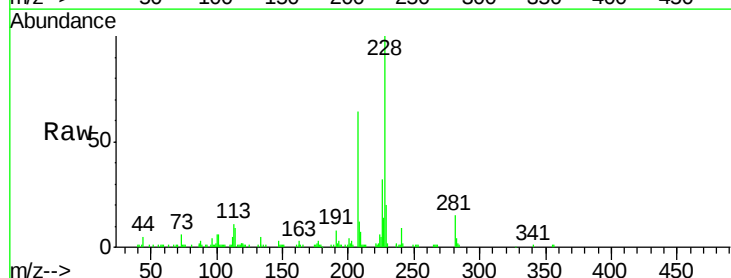
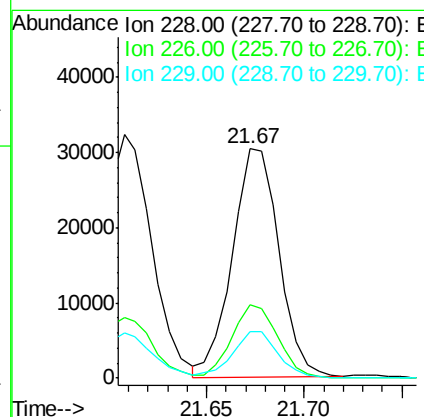
Manual Integrations
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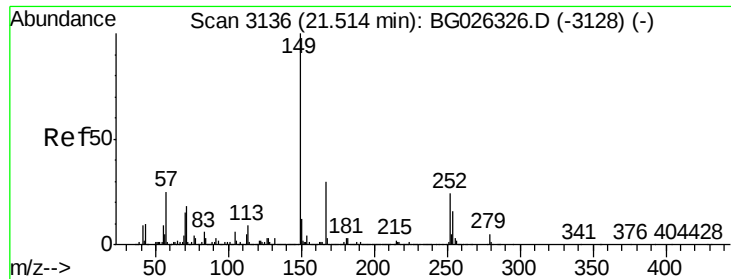
mohammad
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#82
Chrysene
Concen: 1.10 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	27.0	40.4
229	20.4	17.8	26.6





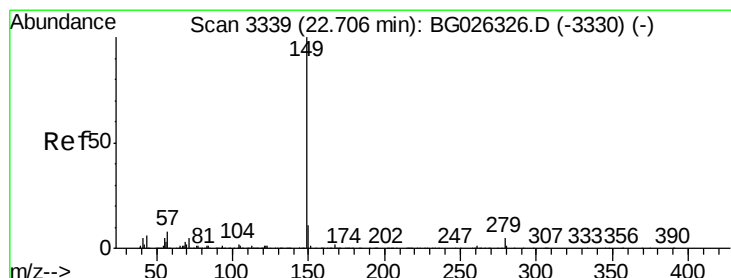
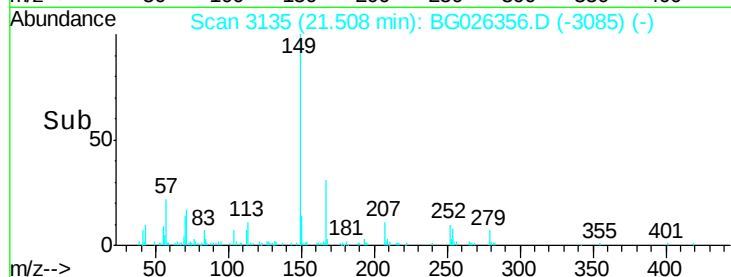
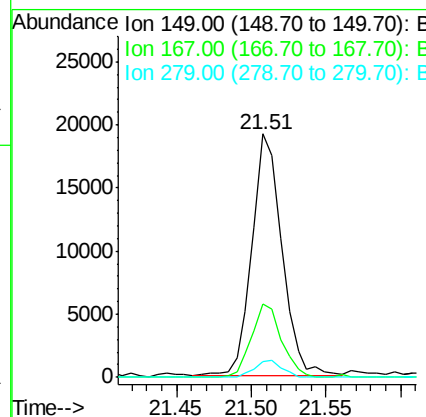
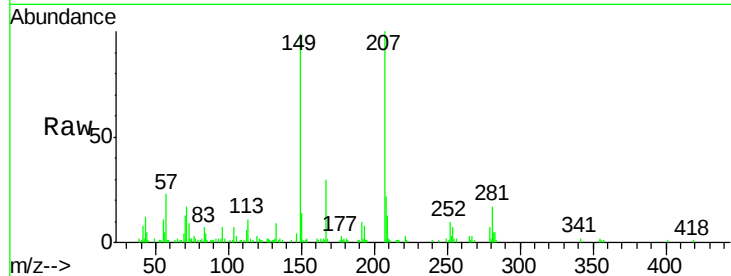
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.89 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.01 min
 Lab File: BG026356.D
 Acq: 21 Mar 2017 13:26

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT2-2017

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.4	23.7	35.5
279	6.6	4.6	6.8

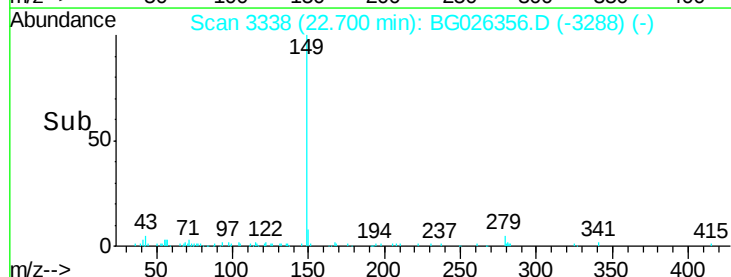
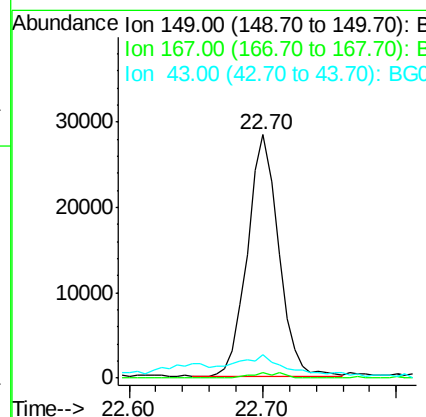
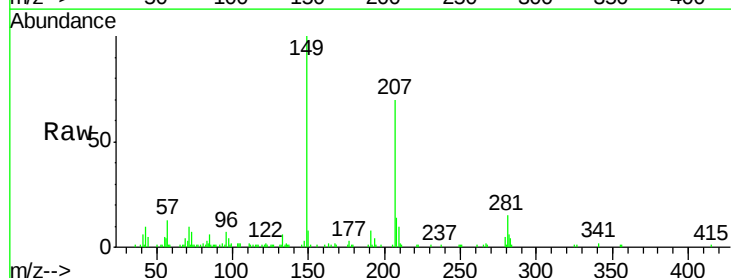
Manual Integrations
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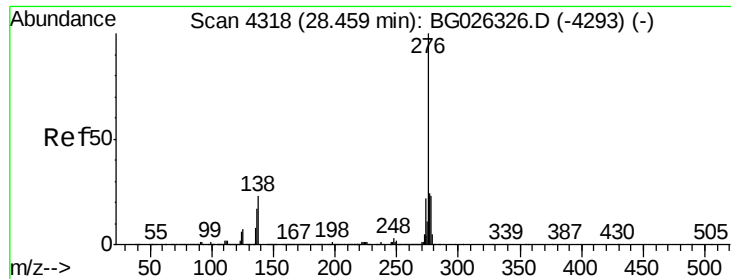
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 0.91 ng
 RT: 22.70 min Scan# 3338
 Delta R.T. -0.01 min
 Lab File: BG026356.D
 Acq: 21 Mar 2017 13:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.2	1.4	2.2#
43	11.6	11.8	17.6#





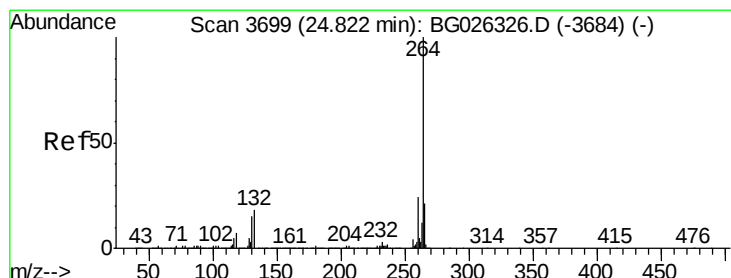
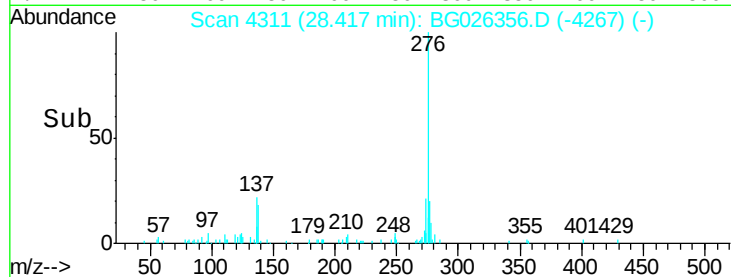
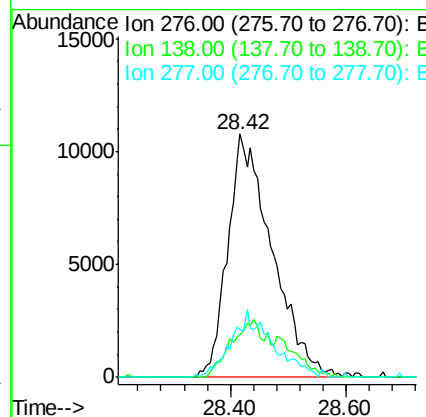
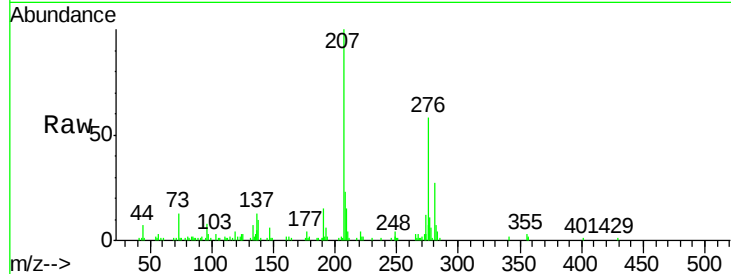
#85
Indeno(1,2,3-cd)pyrene
Concen: 1.02 ng
RT: 28.42 min Scan# 4311
Delta R.T. -0.04 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	4.7	7.1#
277	13.4	20.6	31.0#

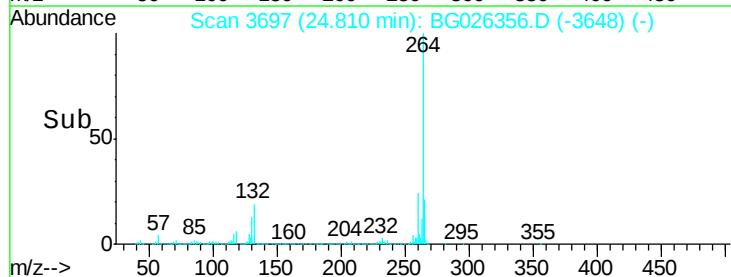
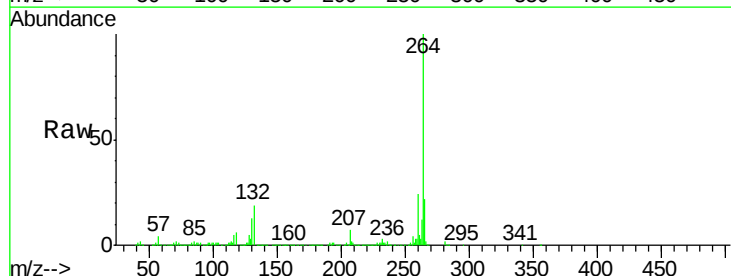
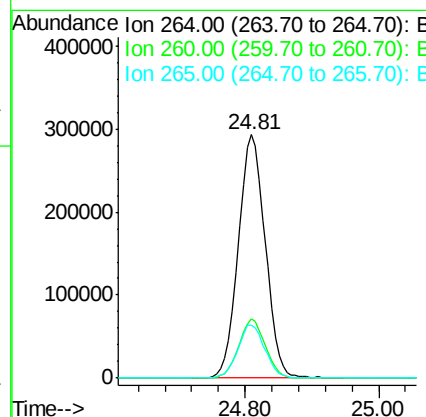
Manual Integrations
APPROVED

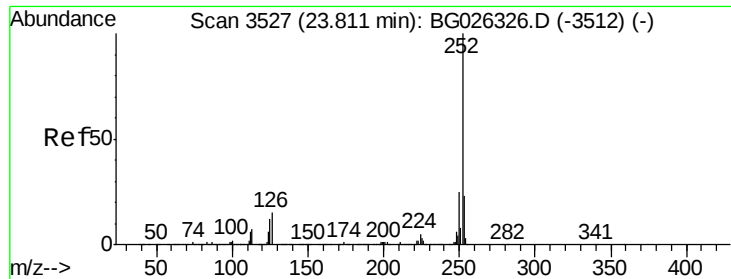
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BG026356.D
Acq: 21 Mar 2017 13:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	21.6	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 1.08 ng

RT: 23.80 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BG026356.D

Acq: 21 Mar 2017 13:26

Instrument :

BNA_G

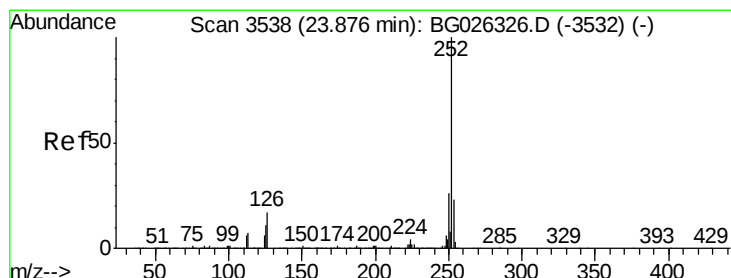
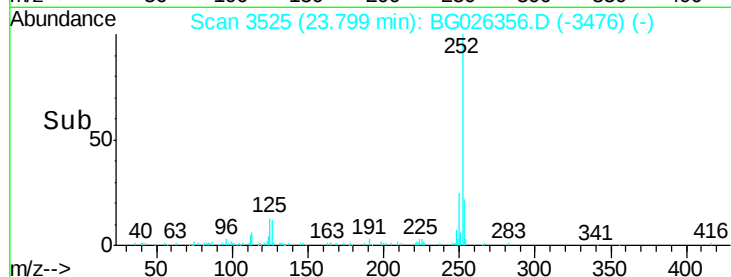
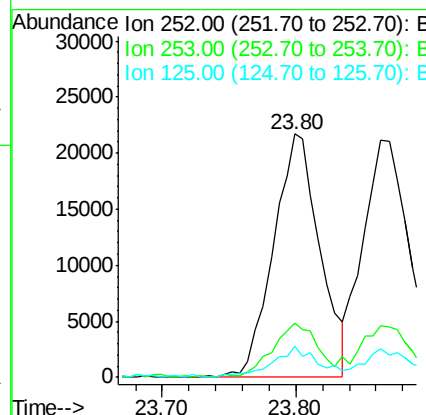
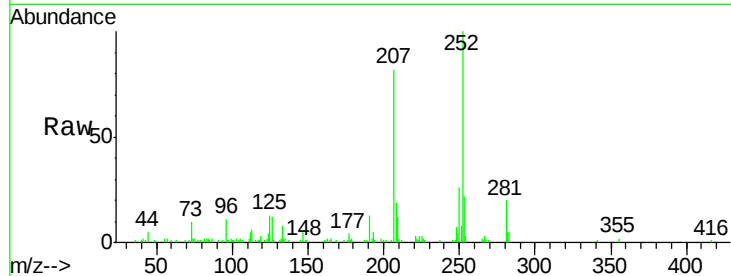
ClientSampleId :

LOD-WATER-05-QT2-2017

Tgt Ion:	252	Resp:	52241
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.7	28.1
125	12.6	5.3	7.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 1.09 ng

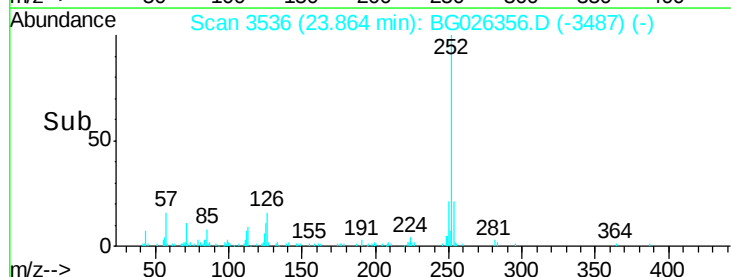
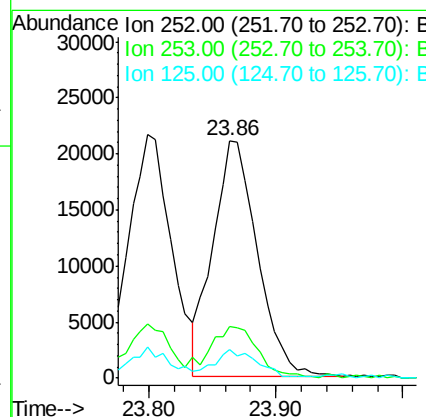
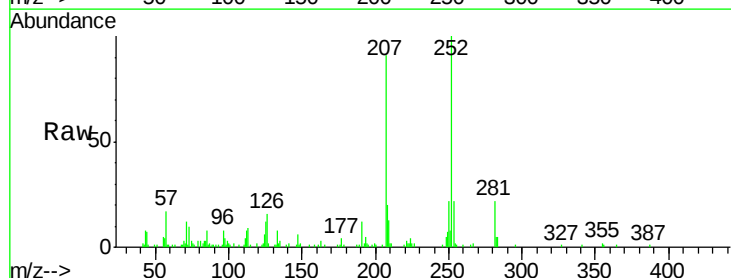
RT: 23.86 min Scan# 3536

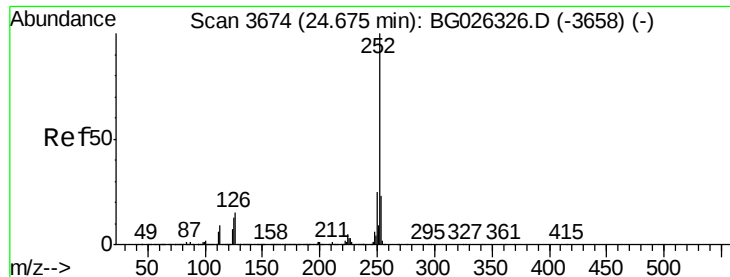
Delta R.T. -0.01 min

Lab File: BG026356.D

Acq: 21 Mar 2017 13:26

Tgt Ion:	252	Resp:	51312
Ion Ratio	Lower	Upper	
252	100		
253	21.5	20.2	30.2
125	12.2	5.1	7.7#





#89

Benzo(a)pyrene

Concen: 1.06 ng

RT: 24.66 min Scan# 3671

Delta R.T. -0.02 min

Lab File: BG026356.D

Acq: 21 Mar 2017 13:26

Instrument :

BNA_G

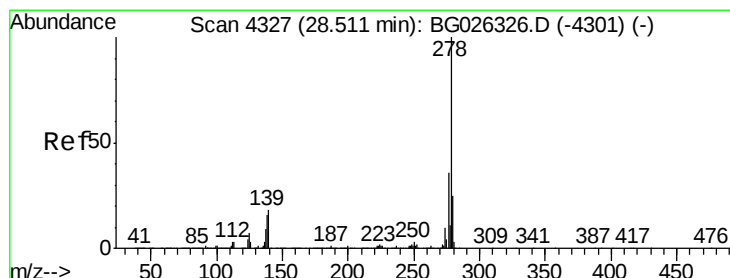
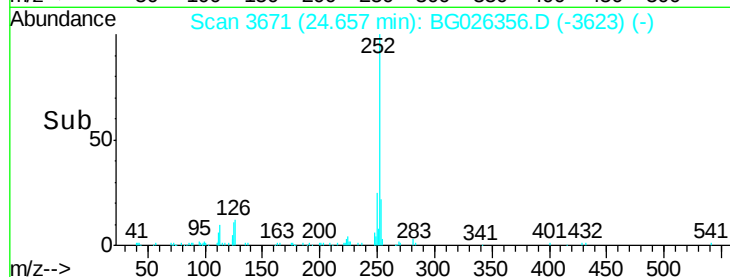
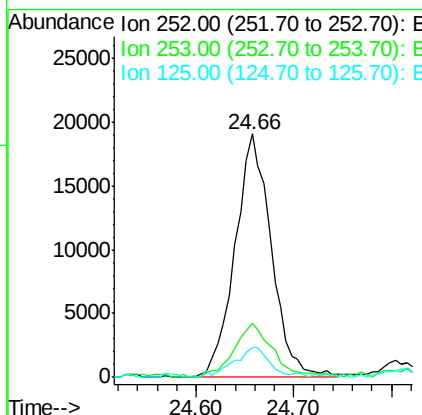
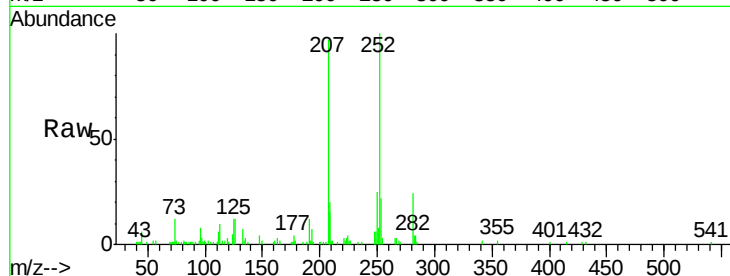
ClientSampleId :

LOD-WATER-05-QT2-2017

Tgt Ion:	252	Resp:	49419
Ion Ratio	Lower	Upper	
252	100		
253	22.1	19.2	28.8
125	12.0	5.4	8.0#

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 1.04 ng

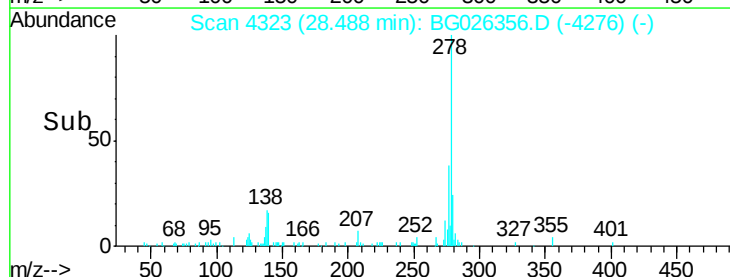
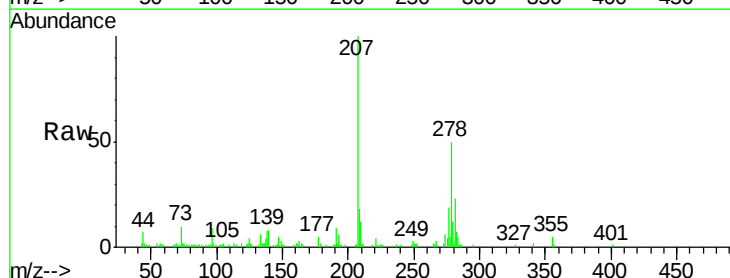
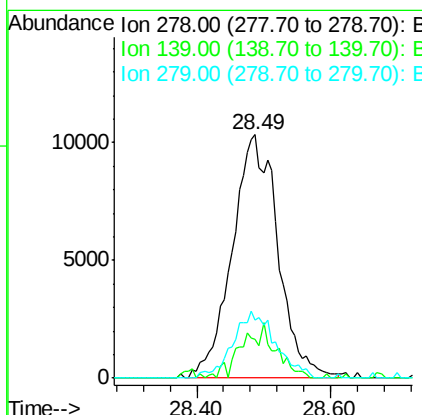
RT: 28.49 min Scan# 4323

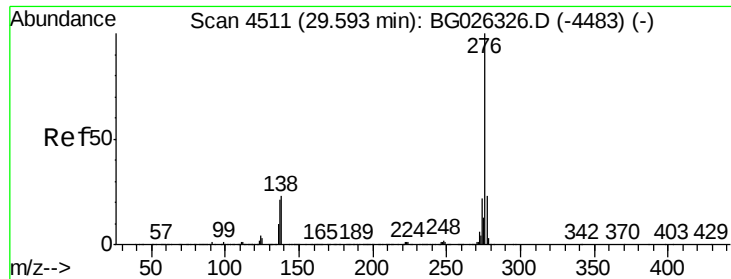
Delta R.T. -0.02 min

Lab File: BG026356.D

Acq: 21 Mar 2017 13:26

Tgt Ion:	278	Resp:	49027
Ion Ratio	Lower	Upper	
278	100		
139	16.0	7.7	11.5#
279	23.8	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 1.05 ng
 RT: 29.57 min Scan# 4507
 Delta R.T. -0.02 min
 Lab File: BG026356.D
 Acq: 21 Mar 2017 13:26

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT2-2017

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.0	18.6	27.8
138	22.0	8.1	12.1

Manual Integrations
 APPROVED

mohammad
 3/23/2017 3:31:42 PM

