

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
 Data File : BG041423.D
 Acq On : 24 Jun 2019 15:12
 Operator : HP/JU
 Sample : K2241-09
 Misc : MDL-WATER-8.0PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Manual Integrations
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 6/28/2019 8:24:27 AM

Quant Time: Jun 25 05:35:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	23357	20.00	ng	-0.04
21) Naphthalene-d8	10.86	136	88533	20.00	ng	-0.05
39) Acenaphthene-d10	14.68	164	64202	20.00	ng	-0.04
64) Phenanthrene-d10	17.43	188	172378	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	191004	20.00	ng	-0.04
87) Perylene-d12	24.99	264	194336	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	161305	126.89	ng	-0.05
7) Phenol-d6	7.20	99	229366	124.48	ng	-0.04
23) Nitrobenzene-d5	9.22	82	185708	88.22	ng	-0.04
42) 2,4,6-Tribromophenol	16.17	330	148977	151.15	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	450525	95.38	ng	-0.04
79) Terphenyl-d14	20.03	244	932414	96.74	ng	-0.03

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.42	88	4620	7.248	ng	94
3) Pyridine	3.86	79	10269m	6.073	ng	
4) n-Nitrosodimethylamine	3.78	42	5762m	6.390	ng	
6) Aniline	7.37	93	16273	6.354	ng	# 88
8) 2-Chlorophenol	7.60	128	11030	7.385	ng	96
9) Benzaldehyde	7.20	77	11618	9.858	ng	89
10) Phenol	7.22	94	13757	6.943	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	11405	7.586	ng	89
12) 1,3-Dichlorobenzene	7.92	146	12936	6.917	ng	90
13) 1,4-Dichlorobenzene	8.08	146	13304	6.964	ng	94
14) 1,2-Dichlorobenzene	8.39	146	12678	6.948	ng	98
15) Benzyl Alcohol	8.29	79	6954	3.939	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	8.57	45	17206	6.991	ng	97
17) 2-Methylphenol	8.49	107	10367	7.318	ng	85
18) Hexachloroethane	9.12	117	4821	6.368	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	10310	6.918	ng	# 96
20) 3+4-Methylphenols	8.83	107	12762	6.767	ng	94
22) Acetophenone	8.88	105	21715	8.429	ng	# 94
24) Nitrobenzene	9.26	77	17280	8.162	ng	93
25) Isophorone	9.77	82	29433	7.621	ng	96
26) 2-Nitrophenol	9.99	139	5979	6.966	ng	94
27) 2,4-Dimethylphenol	10.03	122	9987	7.762	ng	95
28) bis(2-Chloroethoxy)methane	10.27	93	14035	6.975	ng	99
29) 2,4-Dichlorophenol	10.53	162	10544	6.609	ng	92
30) 1,2,4-Trichlorobenzene	10.72	180	15825	7.745	ng	86
31) Naphthalene	10.91	128	37096	7.710	ng	# 97
33) 4-Chloroaniline	11.05	127	12690	6.210	ng	# 89
34) Hexachlorobutadiene	11.17	225	11584	7.143	ng	95
35) Caprolactam	11.82	113	3342	6.085	ng	# 70
36) 4-Chloro-3-methylphenol	12.15	107	13531	7.343	ng	# 80
37) 2-Methylnaphthalene	12.52	142	27961	7.890	ng	98
38) 1-Methylnaphthalene	12.74	142	26719	7.880	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	21556	8.131	ng	99
41) Hexachlorocyclopentadiene	12.84	237	8720	4.883	ng	96

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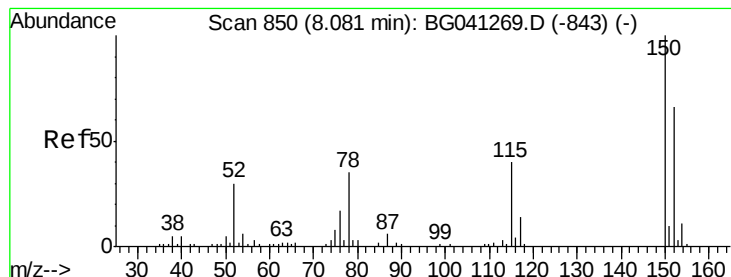
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.13	196	11468	6.993	ng	96
44) 2,4,5-Trichlorophenol	13.21	196	11832	7.012	ng	# 85
46) 1,1'-Biphenyl	13.52	154	40580	8.361	ng	100
47) 2-Chloronaphthalene	13.57	162	31551	7.550	ng	95
48) 2-Nitroaniline	13.79	65	10553	6.896	ng	94
49) Acenaphthylene	14.41	152	51021	8.046	ng	98
50) Dimethylphthalate	14.13	163	44654	7.817	ng	99
51) 2,6-Dinitrotoluene	14.26	165	9449	7.845	ng	95
52) Acenaphthene	14.75	154	29308	7.871	ng	97
53) 3-Nitroaniline	14.62	138	7517	6.334	ng	80
54) 2,4-Dinitrophenol	14.85	184	2044m	7.063	ng	
55) Dibenzofuran	15.08	168	54169	8.367	ng	94
56) 4-Nitrophenol	14.96	139	3228	6.652	ng	# 66
57) 2,4-Dinitrotoluene	15.06	165	13330	7.571	ng	# 98
58) Fluorene	15.73	166	42298	8.306	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.31	232	14510	8.315	ng	# 97
60) Diethylphthalate	15.48	149	47070	8.107	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	25719	7.762	ng	97
62) 4-Nitroaniline	15.78	138	8075m	6.362	ng	
63) Azobenzene	16.01	77	42646	8.233	ng	96
65) 4,6-Dinitro-2-methylphenol	15.83	198	6419	5.737	ng	97
66) n-Nitrosodiphenylamine	15.93	169	37354	8.161	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	16837	7.554	ng	# 88
68) Hexachlorobenzene	16.73	284	18287	7.662	ng	99
69) Atrazine	16.88	200	16239	7.502	ng	98
70) Pentachlorophenol	17.11	266	5208	4.261	ng	92
71) Phenanthrene	17.47	178	76936	8.368	ng	96
72) Anthracene	17.57	178	78455	8.656	ng	99
73) Carbazole	17.84	167	62843	7.926	ng	97
74) Di-n-butylphthalate	18.36	149	81322	8.220	ng	# 96
75) Fluoranthene	19.48	202	104129	8.526	ng	98
77) Benzidine	19.67	184	35090	7.595	ng	98
78) Pyrene	19.85	202	106564	8.273	ng	98
80) Butylbenzylphthalate	20.71	149	36747	7.542	ng	97
81) Benzo(a)anthracene	21.68	228	101390	7.840	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	35972	7.924	ng	98
83) Chrysene	21.75	228	104480	8.401	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	50269	7.571	ng	# 95
85) Di-n-octyl phthalate	22.77	149	85625	7.622	ng	97
86) Indeno(1,2,3-cd)pyrene	28.75	276	106912	7.245	ng	# 96
88) Benzo(b)fluoranthene	23.93	252	96002	7.971	ng	98
89) Benzo(k)fluoranthene	24.00	252	98516	8.257	ng	98
90) Benzo(a)pyrene	24.83	252	95084	8.360	ng	96
91) Dibenzo(a,h)anthracene	28.82	278	90493	7.903	ng	# 98
92) Benzo(g,h,i)perylene	29.93	276	92000	8.130	ng	98

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



#1

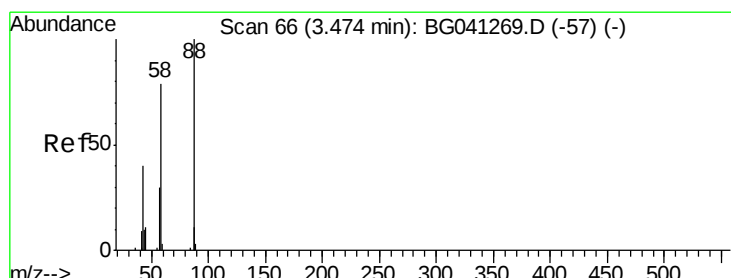
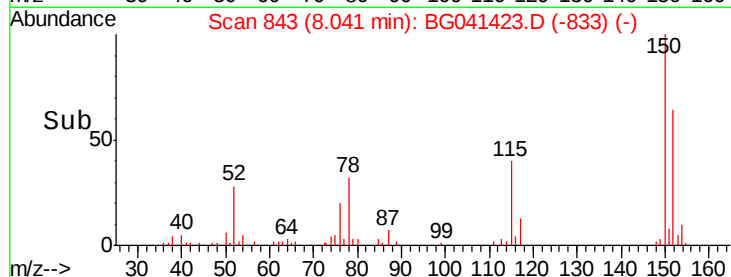
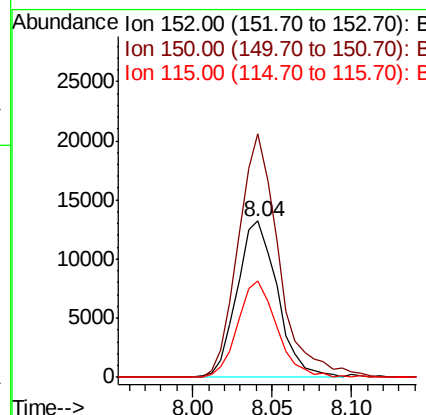
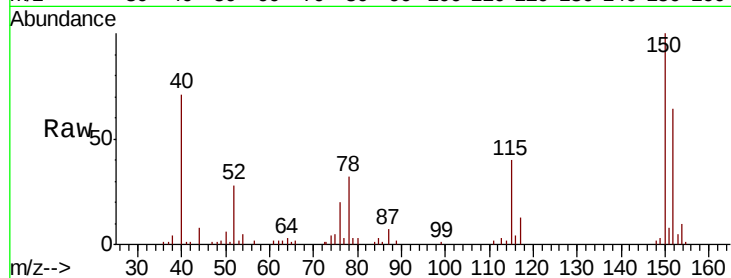
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	120.6	181.0
115	61.8	47.9	71.9

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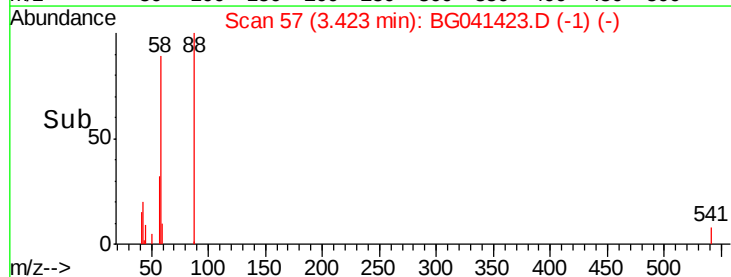
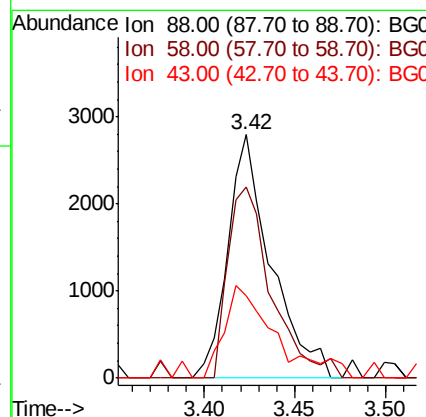
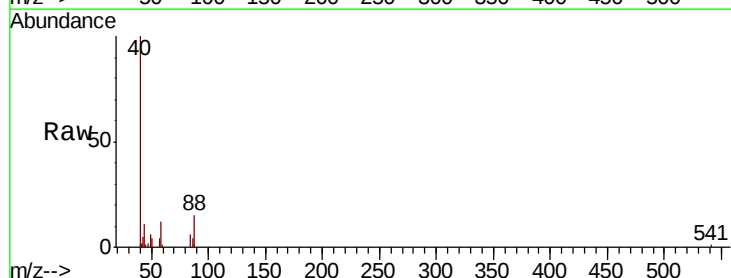
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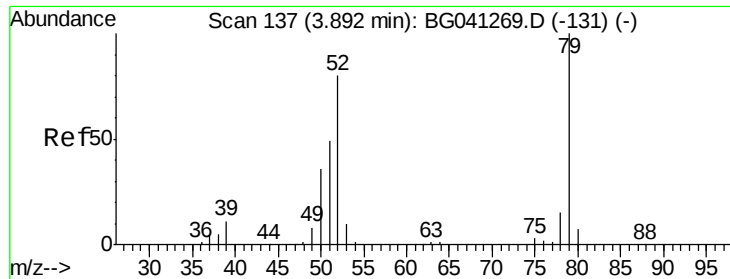


#2

1,4-Dioxane
Concen: 7.248 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.05 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.3	59.7	89.5
43	45.0	31.9	47.9





#3

Pvridine

Concen: 6.073 ng m

RT: 3.86 min Scan# 131

Delta R.T. -0.03 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Instrument :

BNA_G

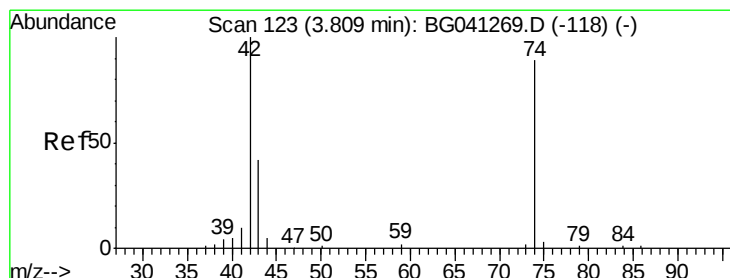
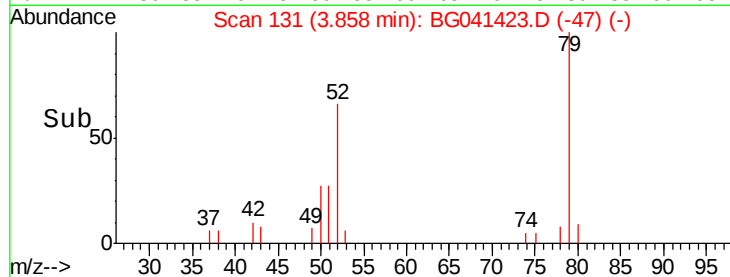
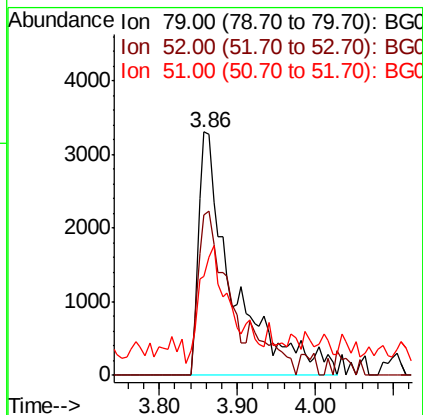
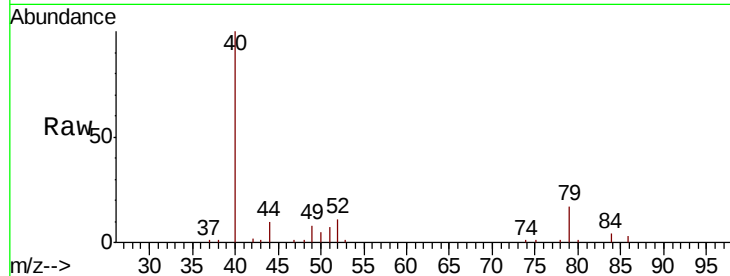
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	79	Resp:	10269
Ion	Ratio	Lower	Upper
79	100		
52	65.7	63.6	95.4
51	40.8	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 6.390 ng m

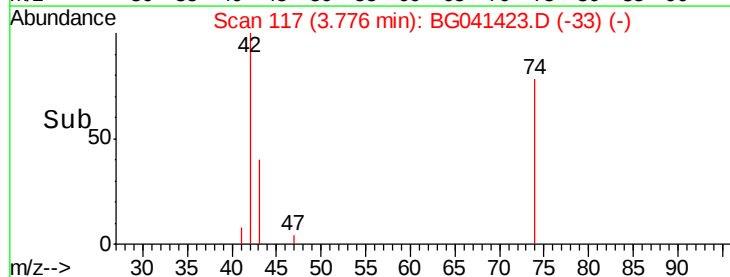
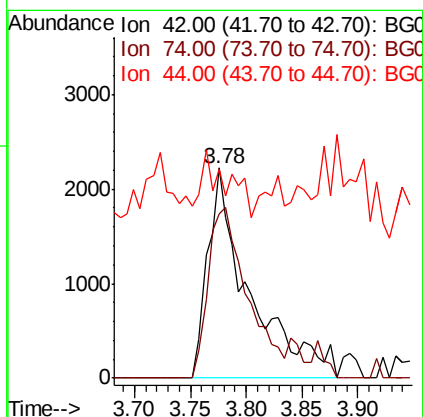
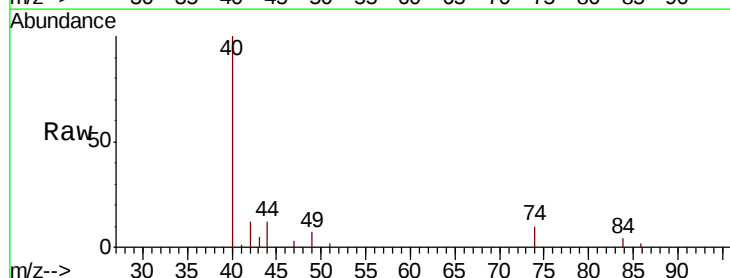
RT: 3.78 min Scan# 117

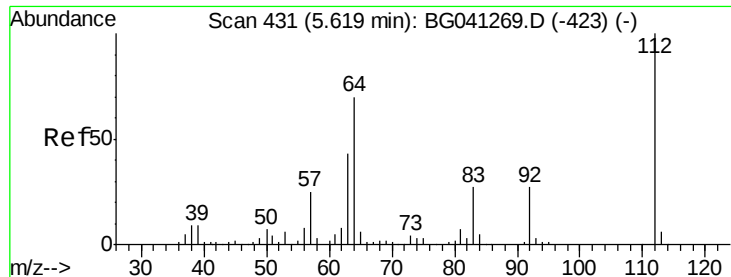
Delta R.T. -0.03 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Tgt Ion:	42	Resp:	5762
Ion	Ratio	Lower	Upper
42	100		
74	78.2	71.6	107.4
44	99.7	9.0	13.4#





#5

2-Fluorophenol

Concen: 126.893 ng

RT: 5.57 min Scan# 423

Delta R.T. -0.05 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Instrument :

BNA_G

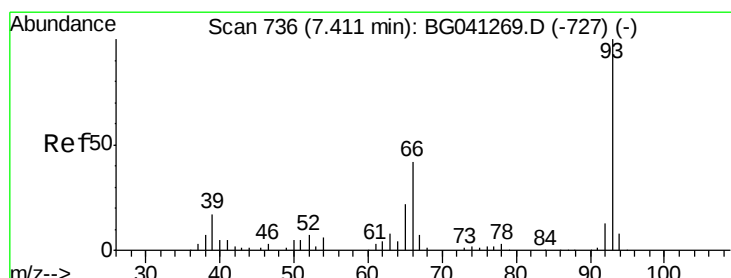
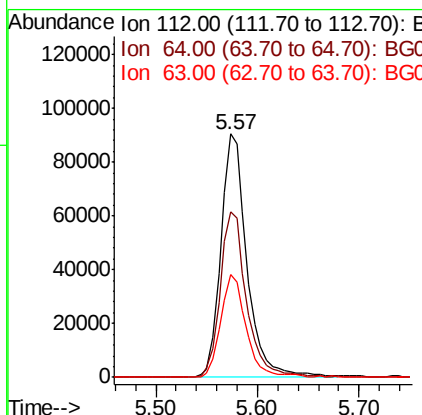
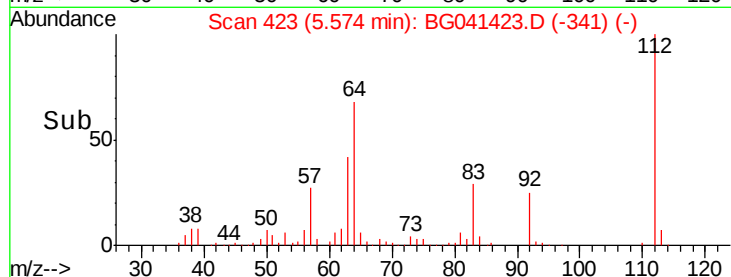
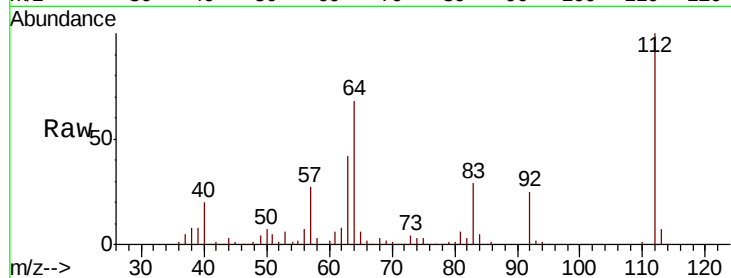
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	112	Resp:	161305
Ion Ratio	Lower	Upper	
112	100		
64	67.9	55.9	83.9
63	42.2	34.6	51.8

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#6

Aniline

Concen: 6.354 ng

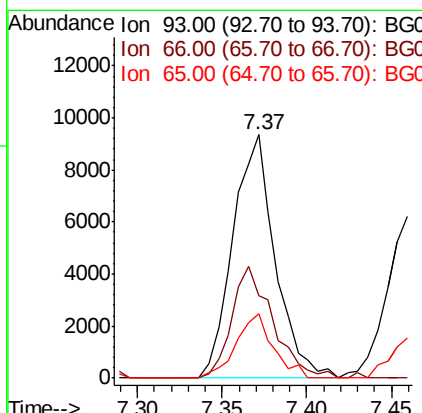
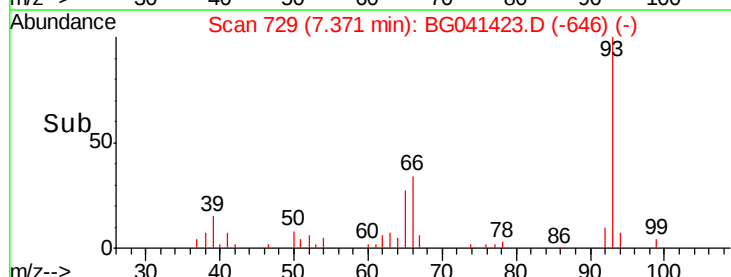
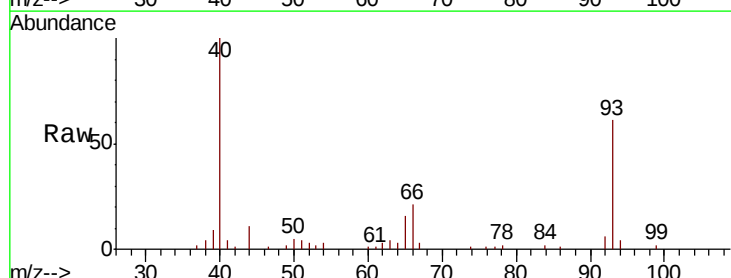
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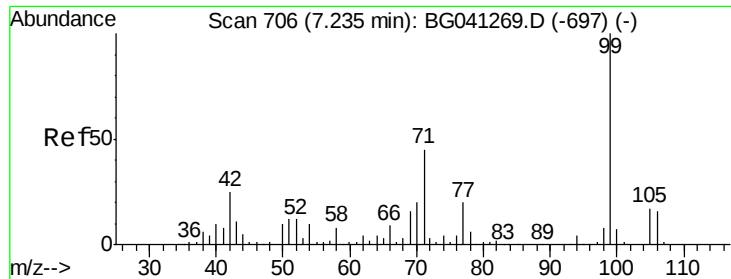
Delta R.T. -0.04 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Tgt Ion:	93	Resp:	16273
Ion Ratio	Lower	Upper	
93	100		
66	33.9	34.2	51.2#
65	26.5	17.7	26.5





#7

Phenol-d6

Concen: 124.480 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.04 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Instrument :

BNA_G

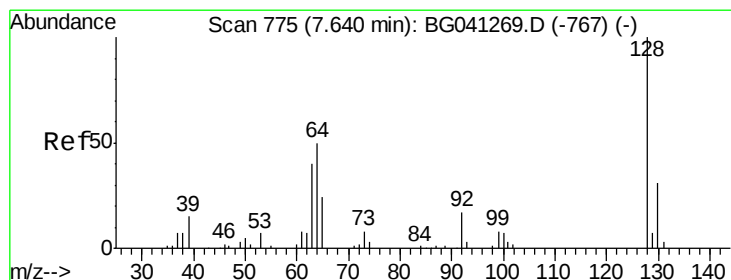
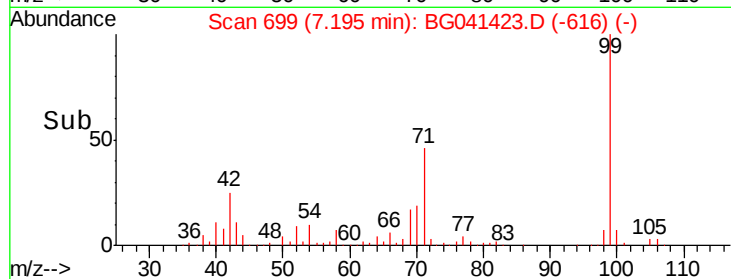
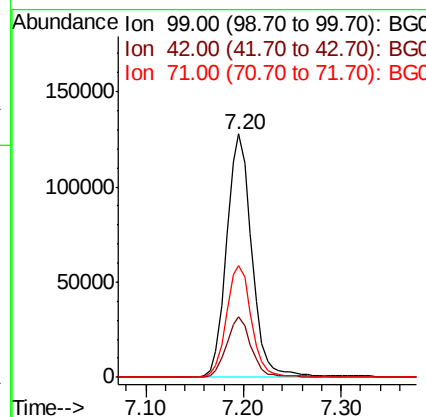
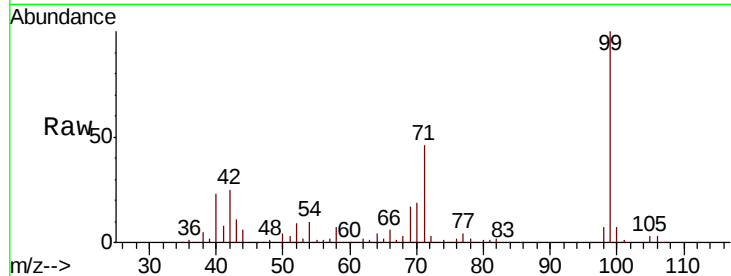
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	99	Resp:	229366
Ion Ratio	Lower	Upper	
99	100		
42	24.9	19.9	29.9
71	45.7	36.4	54.6

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#8

2-Chlorophenol

Concen: 7.385 ng

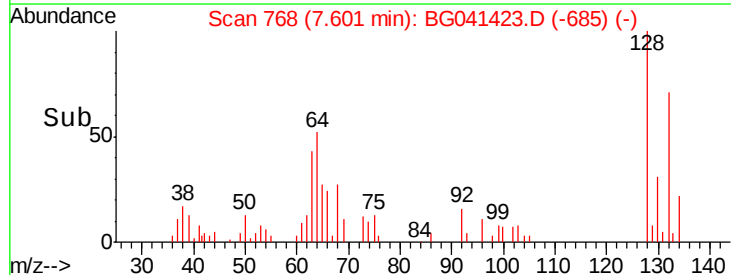
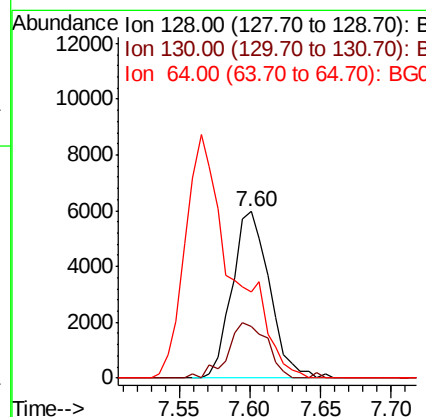
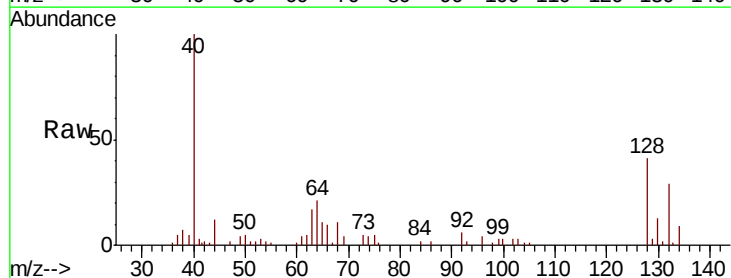
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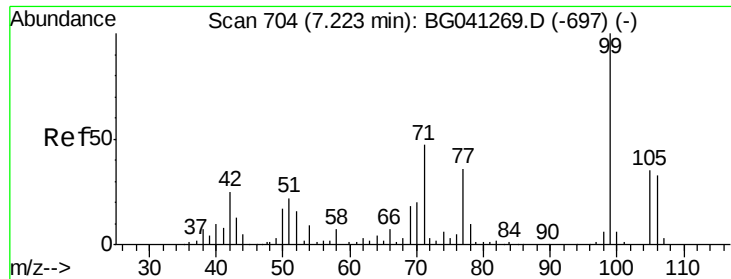
Delta R.T. -0.04 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Tgt Ion:	128	Resp:	11030
Ion Ratio	Lower	Upper	
128	100		
130	31.2	11.1	51.1
64	52.1	36.6	76.6





#9

Benzaldehyde

Concen: 9.858 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Instrument :

BNA_G

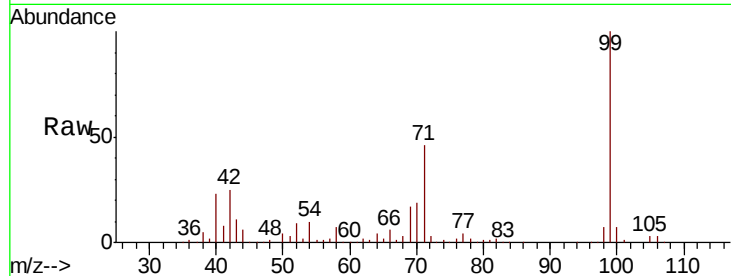
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

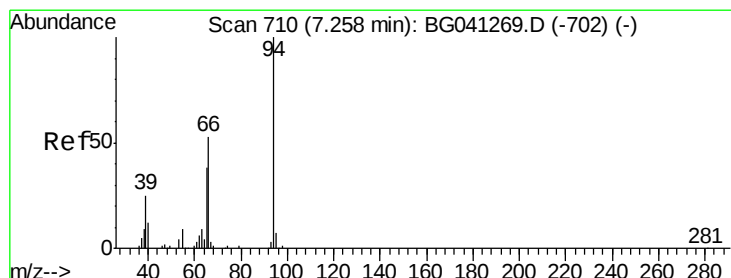
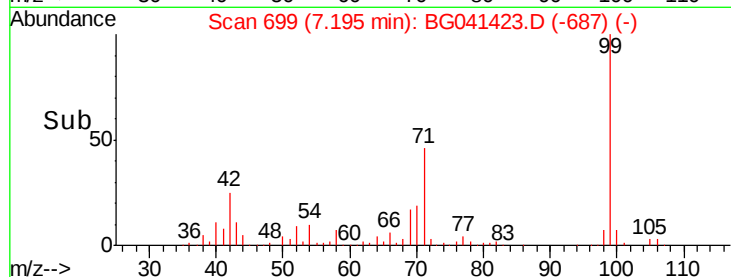
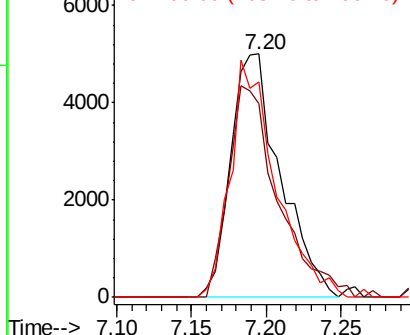
Tot Ion:	77	Resp:	11618
Ion Ratio	Lower	Upper	
77	100		
105	79.4	78.7	118.7
106	88.7	71.1	111.1

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 6.943 ng

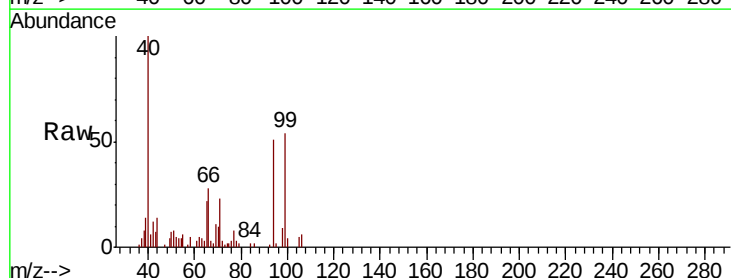
RT: 7.22 min Scan# 704

Delta R.T. -0.03 min

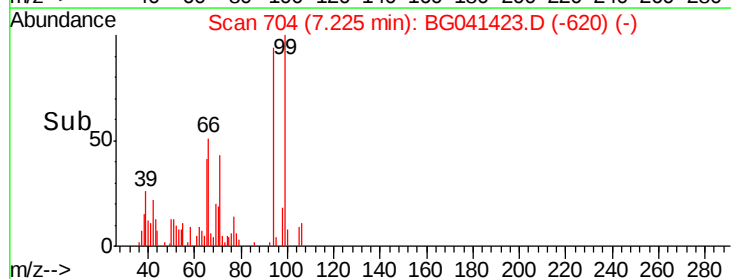
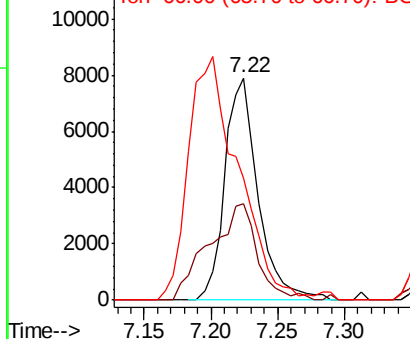
Lab File: BG041423.D

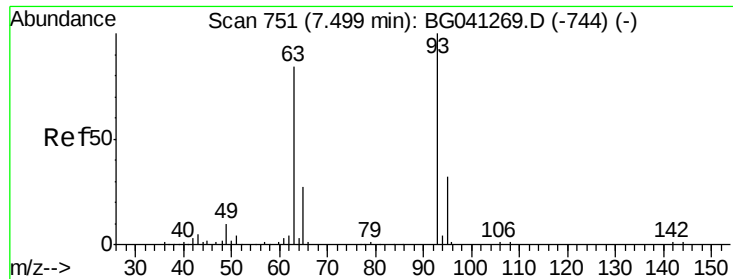
Acq: 24 Jun 2019 15:12

Tgt Ion:	94	Resp:	13757
Ion Ratio	Lower	Upper	
94	100		
65	43.5	18.7	58.7
66	54.7	35.5	75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

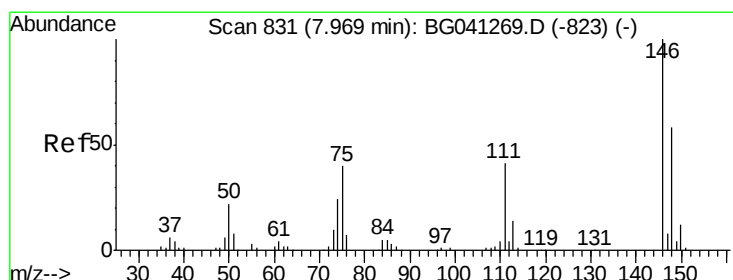
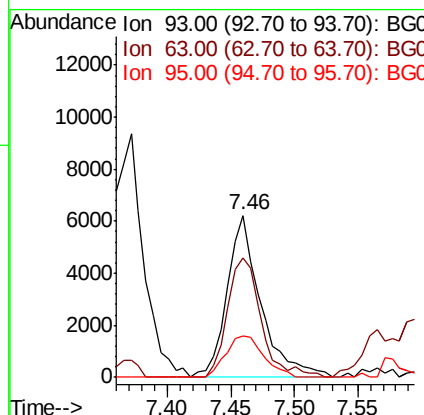
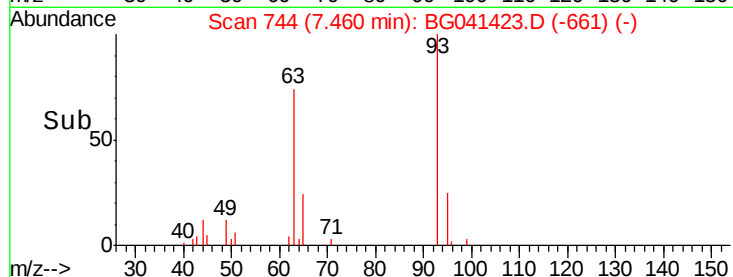
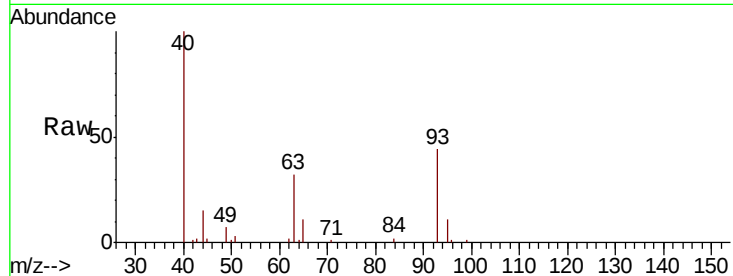
bis(2-Chloroethyl)ether
Concen: 7.586 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.04 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.9	63.6	103.6
95	25.4	11.2	51.2

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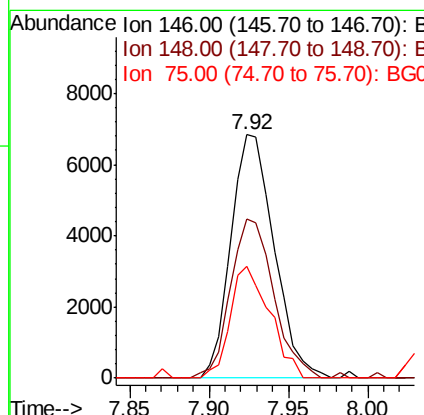
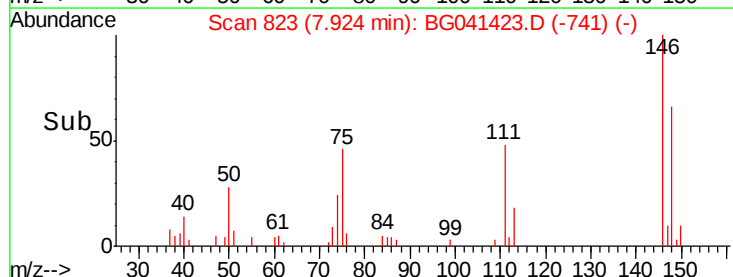
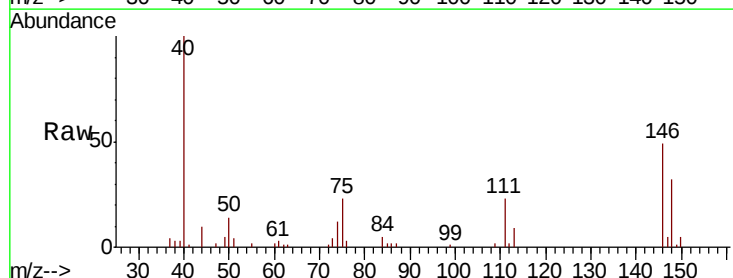
mohammad
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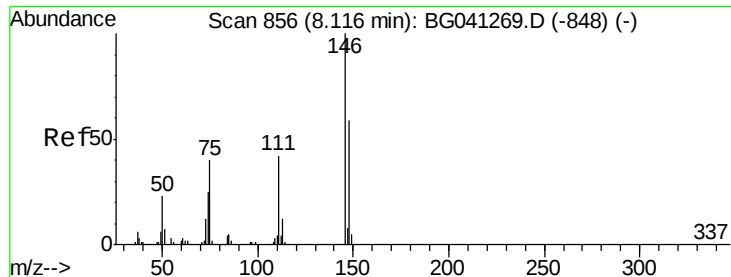


#12

1,3-Dichlorobenzene
Concen: 6.917 ng
RT: 7.92 min Scan# 823
Delta R.T. -0.05 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	46.5	69.7
75	46.2	32.2	48.4





#13

1,4-Dichlorobenzene

Concen: 6.964 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.04 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Instrument :

BNA_G

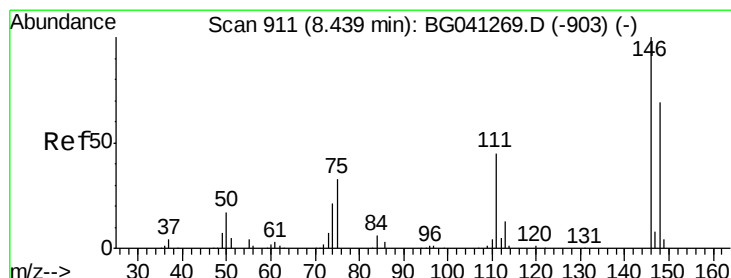
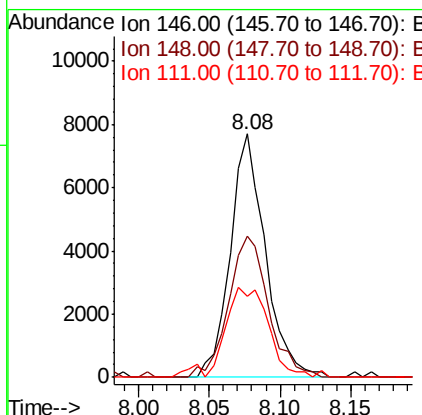
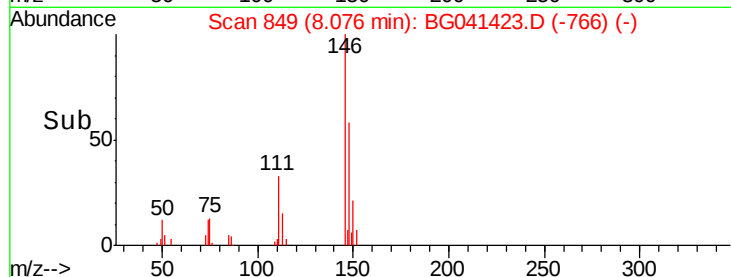
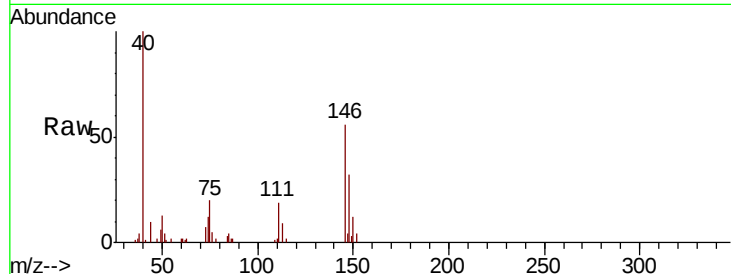
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	146	Resp:	13304
Ion Ratio	Lower	Upper	
146	100		
148	58.1	47.3	70.9
111	33.4	33.4	50.0

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#14

1,2-Dichlorobenzene

Concen: 6.948 ng

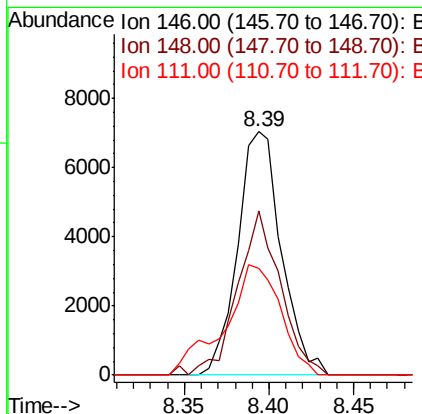
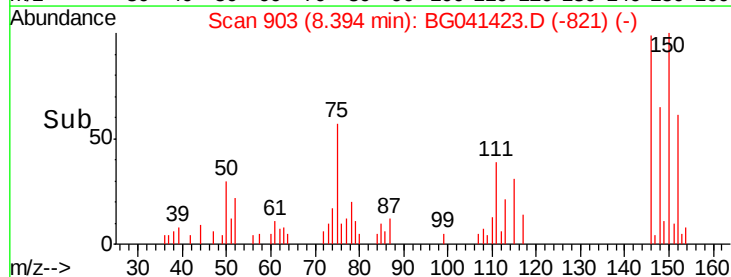
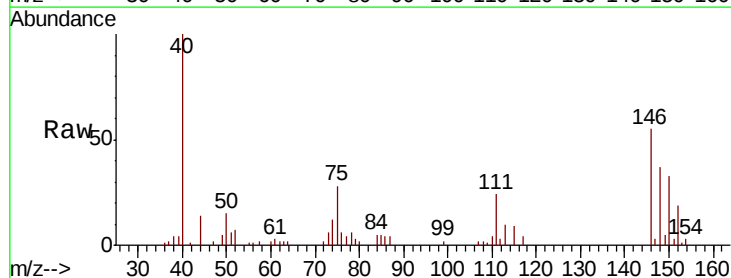
RT: 8.39 min Scan# 903

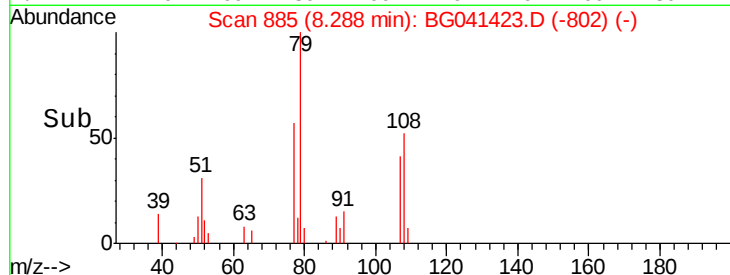
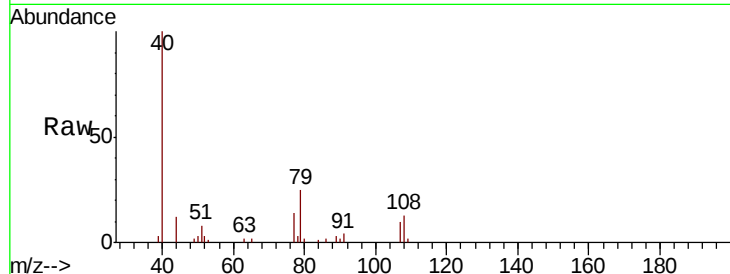
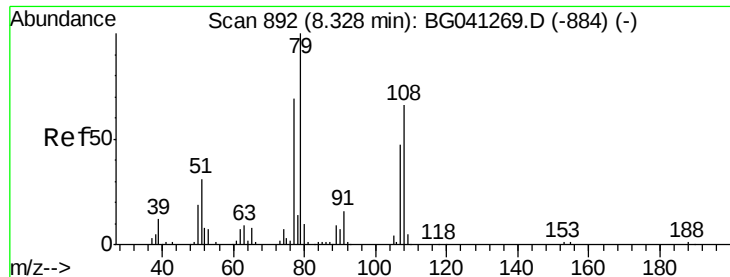
Delta R.T. -0.05 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Tgt Ion:	146	Resp:	12678
Ion Ratio	Lower	Upper	
146	100		
148	67.6	54.9	82.3
111	43.7	37.0	55.6





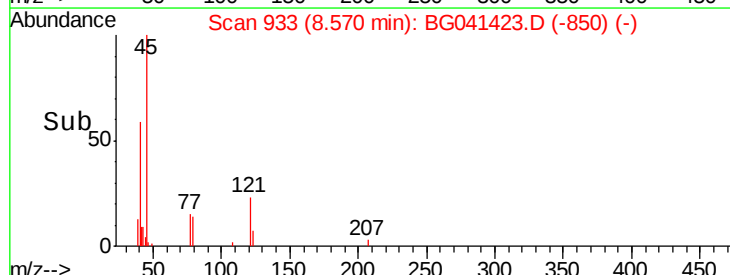
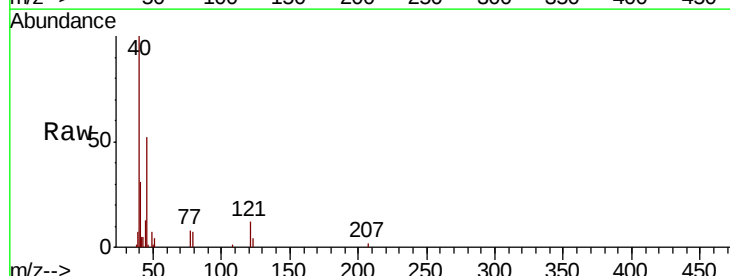
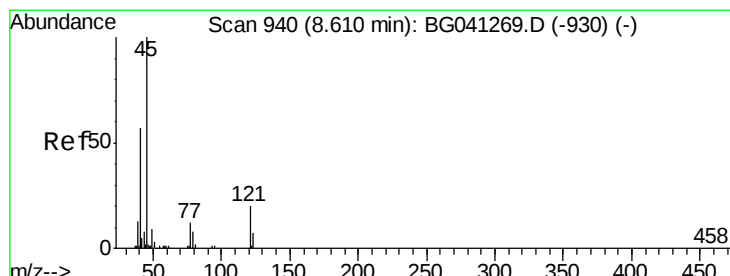
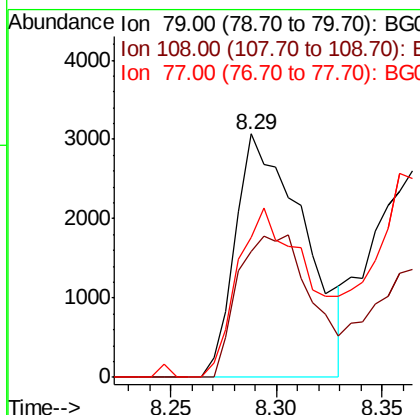
#15
Benzyl Alcohol
Concen: 3.939 ng
RT: 8.29 min Scan# 885
Delta R.T. -0.04 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Tot Ion	Ratio	Lower	Upper
79	100		
108	51.8	52.7	79.1#
77	57.3	55.2	82.8

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

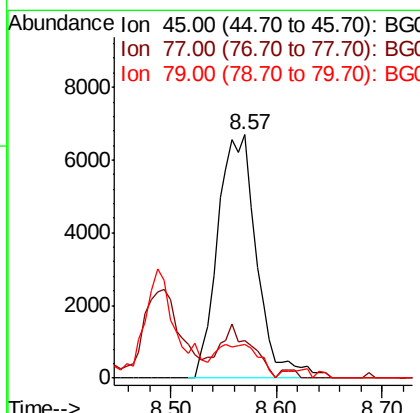
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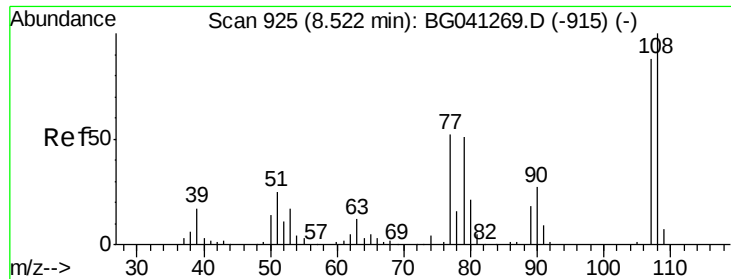
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.991 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.04 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	35.2
79	14.0	0.0	31.6





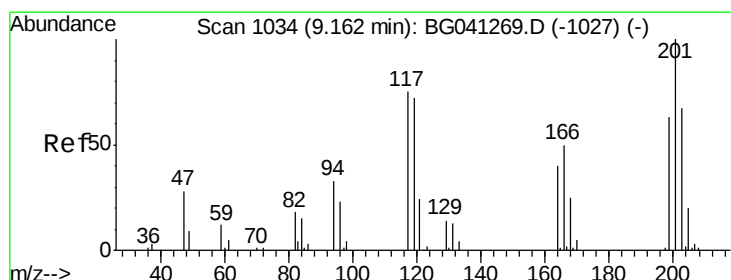
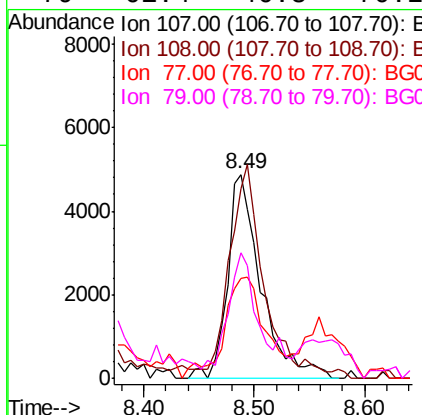
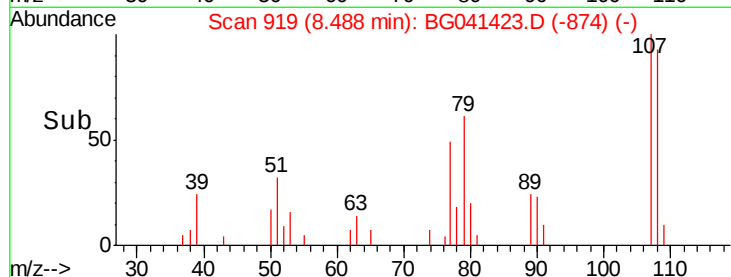
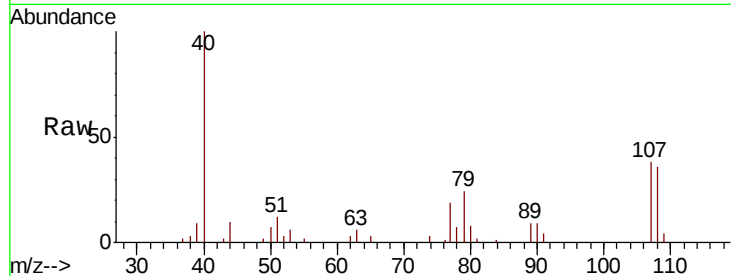
#17
2-Methylphenol
Concen: 7.318 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.03 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion:	107	Resp:	10367
Ion Ratio	Lower	Upper	
107	100		
108	92.6	91.7	137.5
77	48.9	47.8	71.8
79	61.4	46.8	70.2

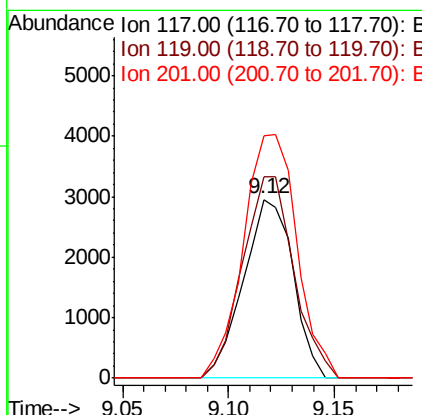
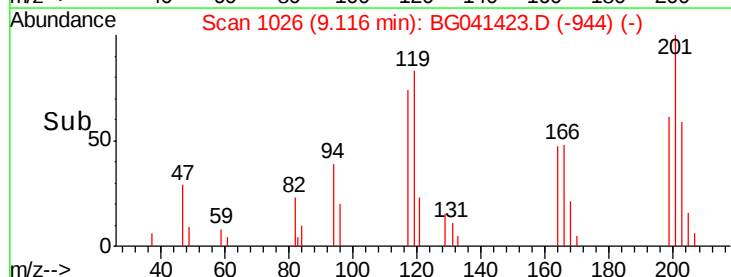
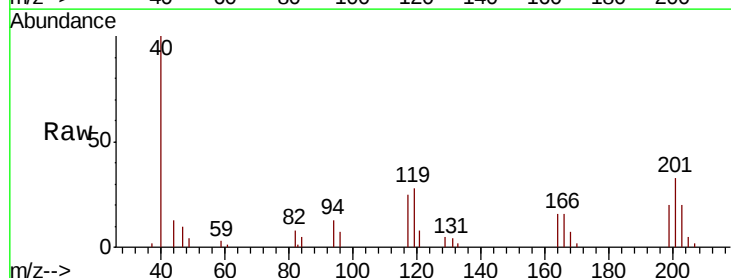
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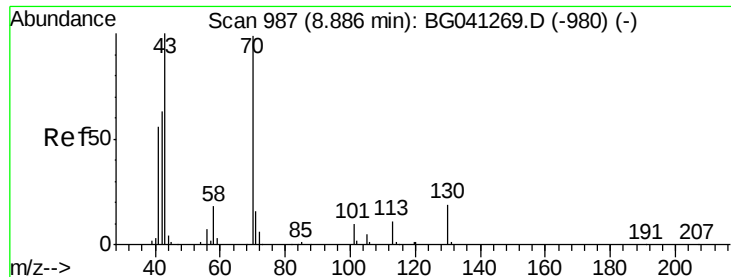
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#18
Hexachloroethane
Concen: 6.368 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.05 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Tgt Ion:	117	Resp:	4821
Ion Ratio	Lower	Upper	
117	100		
119	112.8	76.8	115.2
201	135.9	106.3	159.5





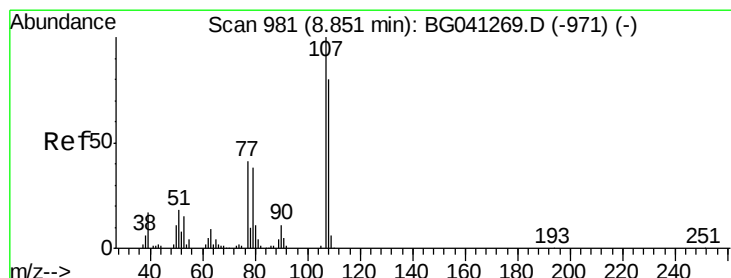
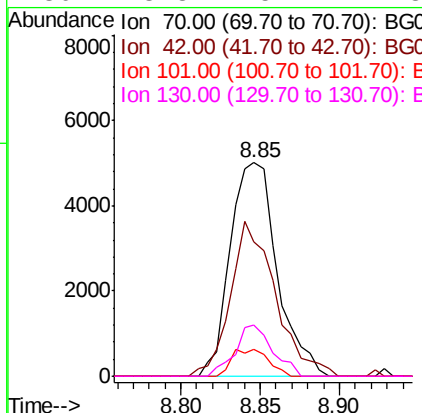
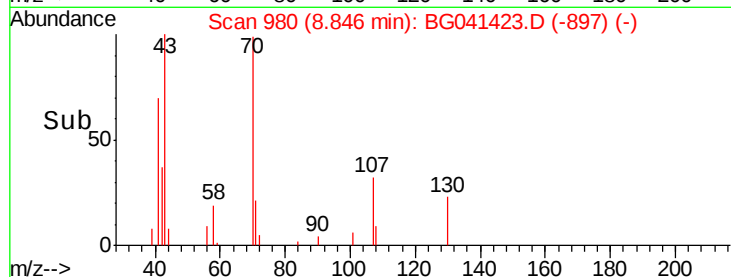
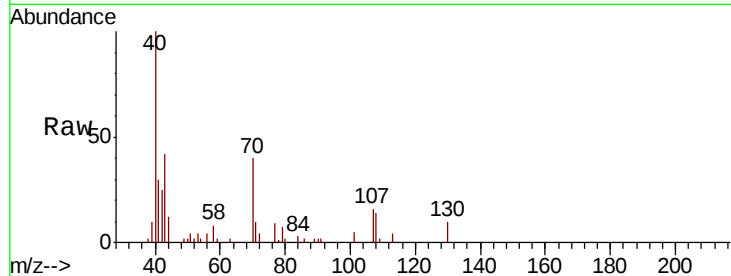
#19
n-Nitroso-di-n-propylamine
Concen: 6.918 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.04 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	62.8	51.4	77.2		
101	12.7	8.2	12.2#		
130	23.8	15.2	22.8#		

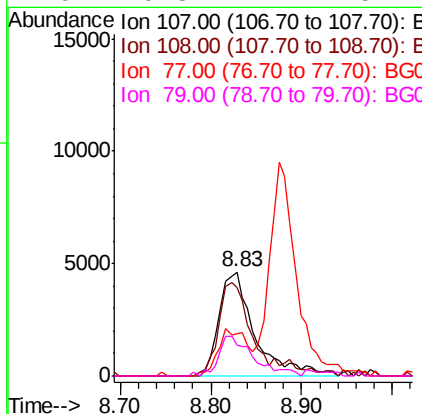
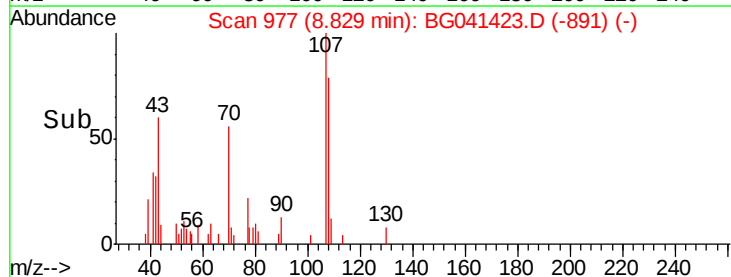
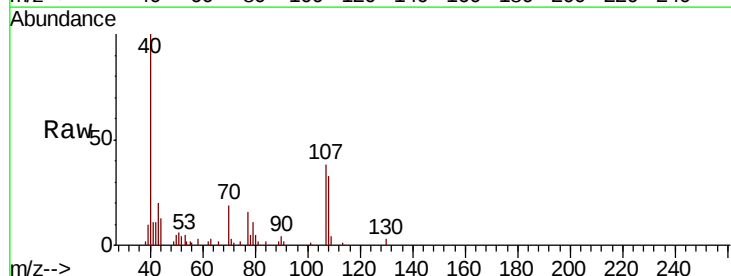
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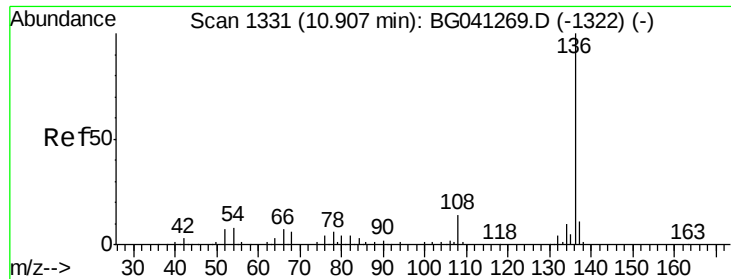
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#20
3+4-Methylphenols
Concen: 6.767 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.02 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.2	60.4	100.4		
77	40.8	21.2	61.2		
79	29.8	17.7	57.7		





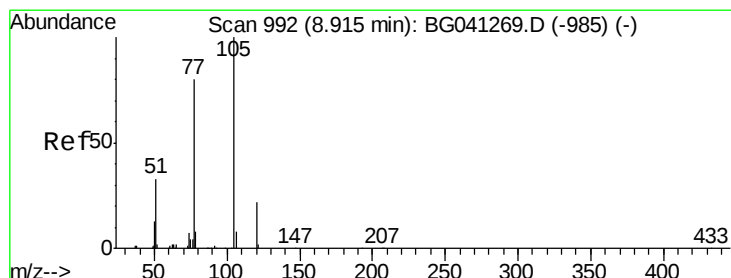
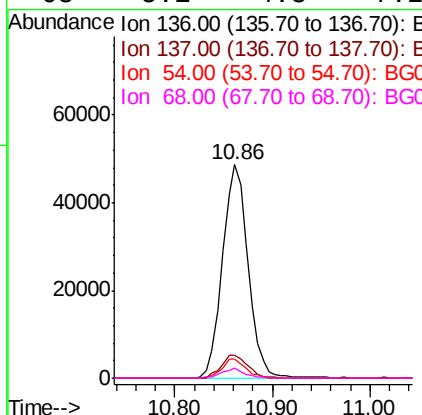
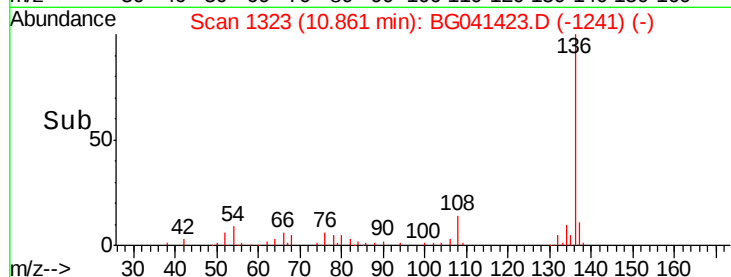
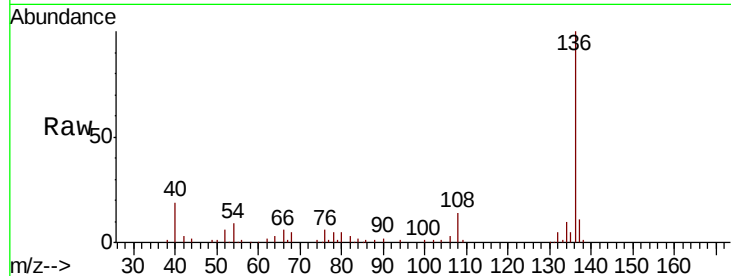
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.05 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		88533		
137	10.9		8.8	13.2	
54	8.7		6.4	9.6	
68	5.1		4.8	7.2	

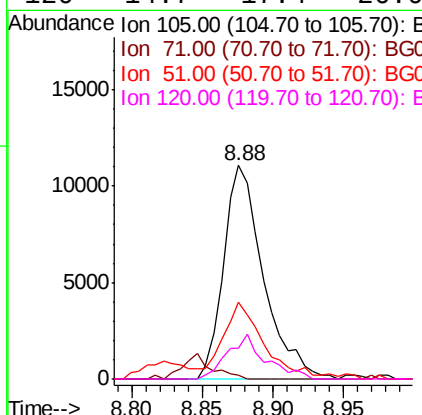
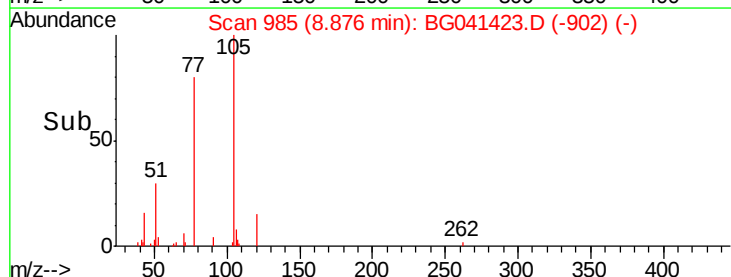
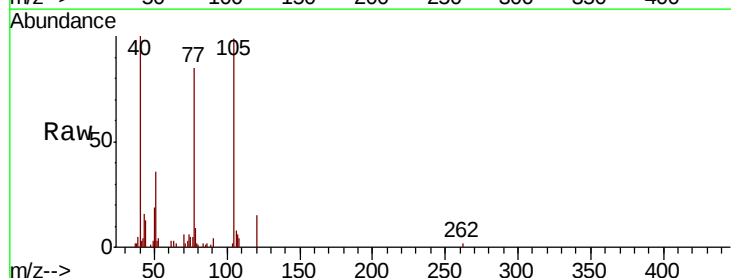
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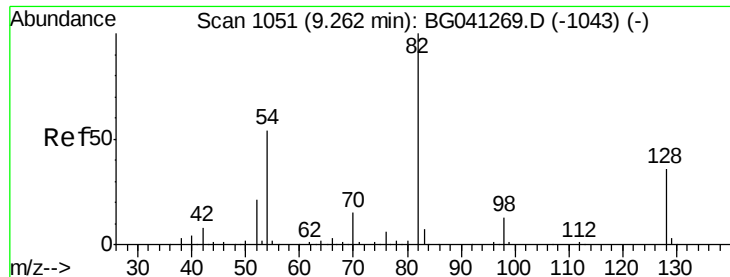
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#22
Acetophenone
Concen: 8.429 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.04 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		21715		
71	1.8		0.4	0.6#	
51	35.9		28.2	42.4	
120	14.7		17.4	26.0#	





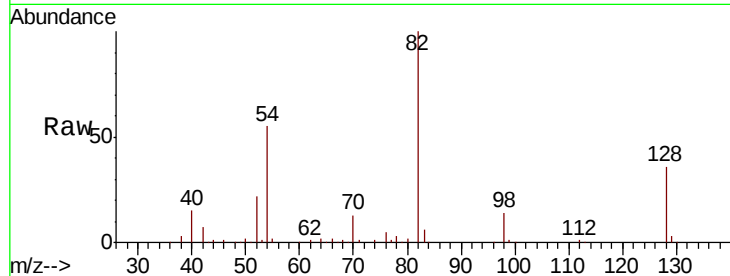
#23
Nitrobenzene-d5
Concen: 88.218 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

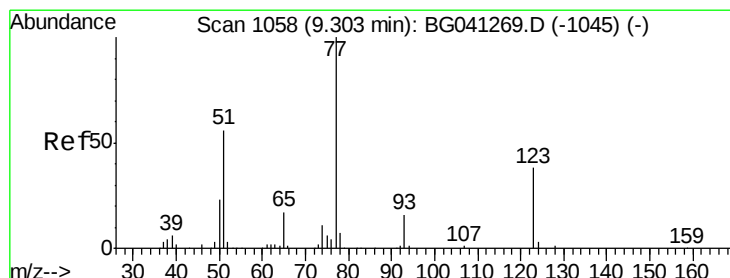
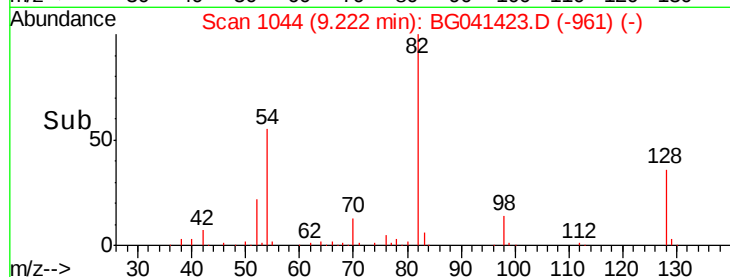
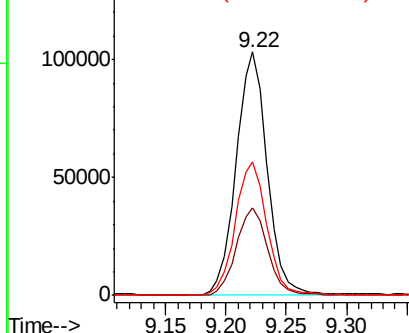
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.9	29.2	43.8	
54	54.7	43.4	65.0	

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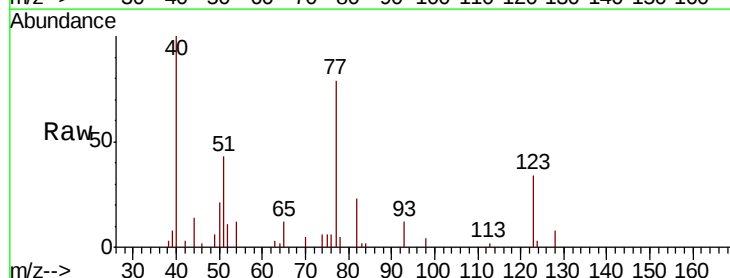


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

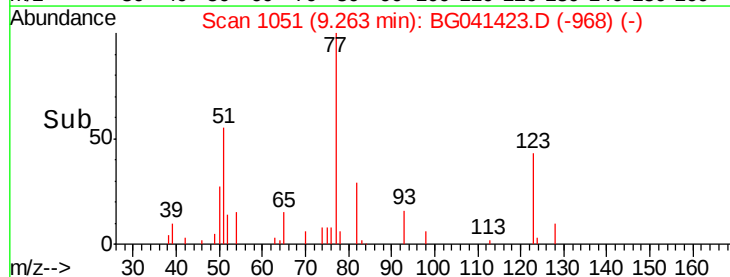
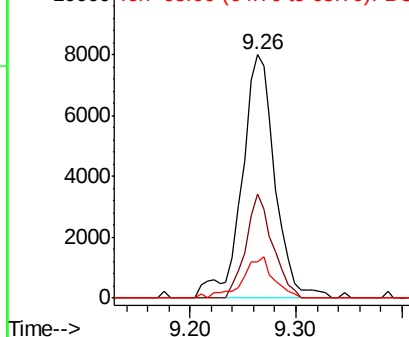


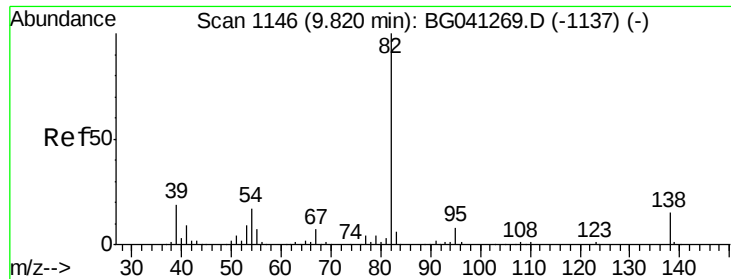
#24
Nitrobenzene
Concen: 8.162 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.04 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.9	30.4	45.6	
65	14.9	13.3	19.9	



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 7.621 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.05 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Instrument :

BNA_G

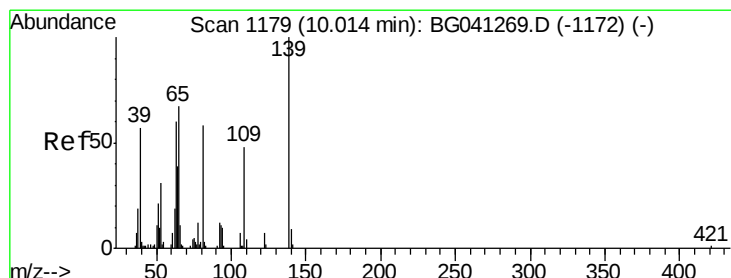
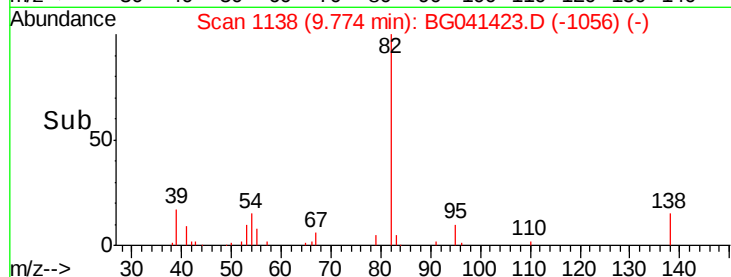
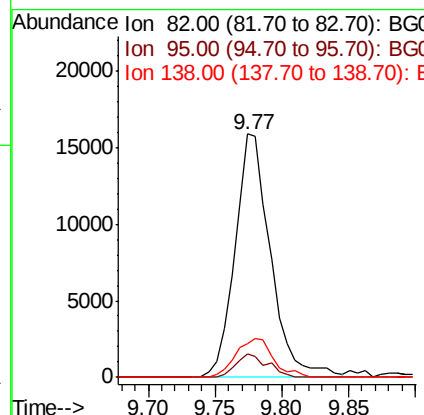
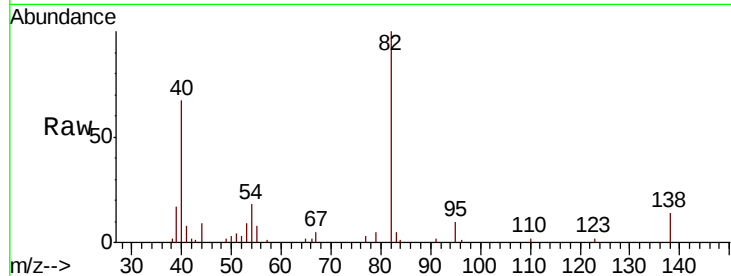
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	82	Resp:	29433
Ion Ratio	Lower	Upper	
82	100		
95	9.8	6.6	10.0
138	14.0	12.3	18.5

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#26

2-Nitrophenol

Concen: 6.966 ng

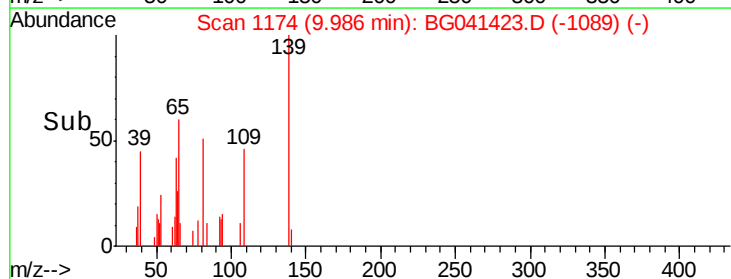
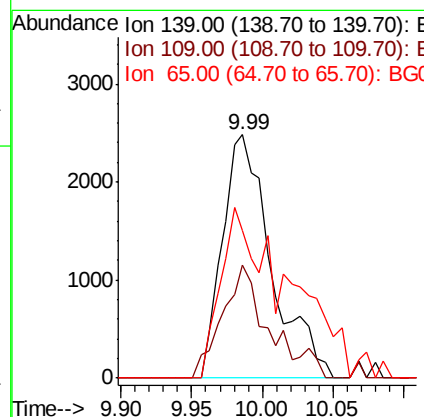
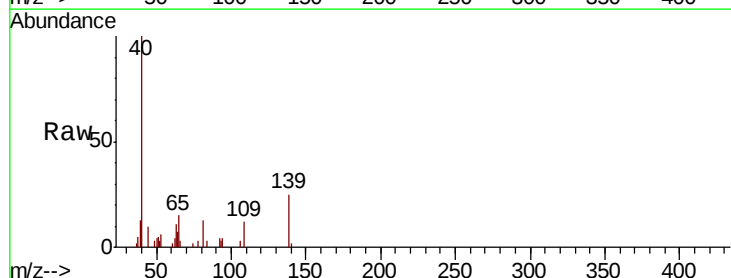
RT: 9.99 min Scan# 1174

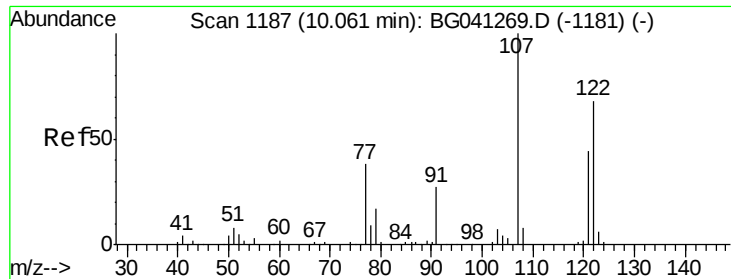
Delta R.T. -0.03 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Tgt Ion:	139	Resp:	5979
Ion Ratio	Lower	Upper	
139	100		
109	46.2	38.4	57.6
65	60.4	53.6	80.4





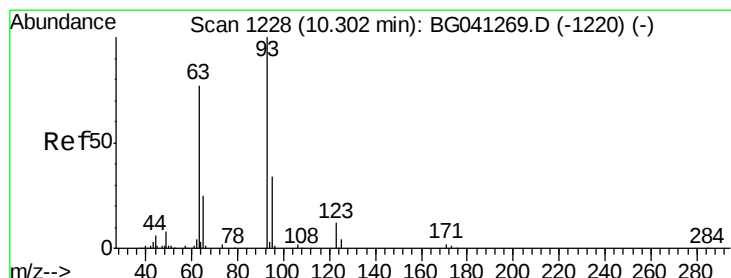
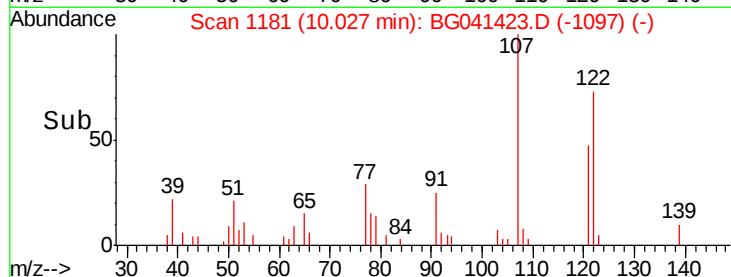
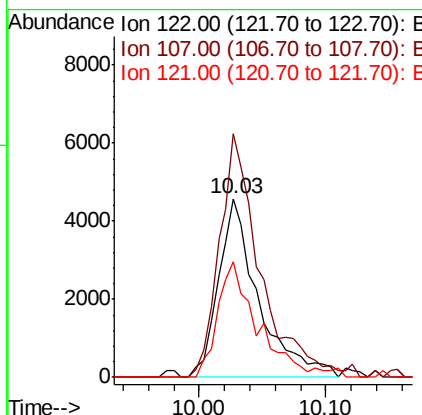
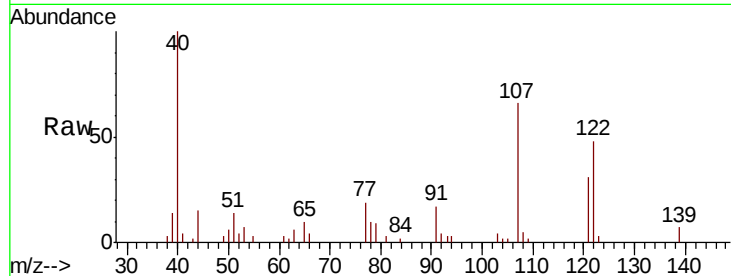
#27
2,4-Dimethylphenol
Concen: 7.762 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.3	115.1	172.7
121	64.5	50.1	75.1

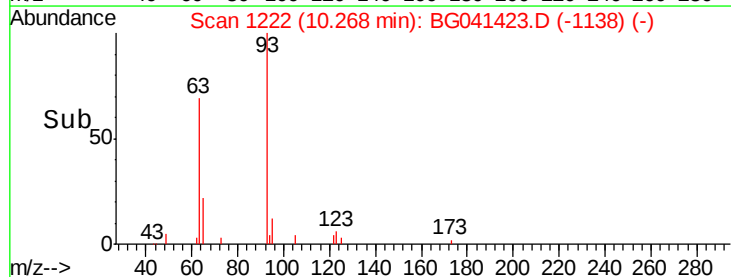
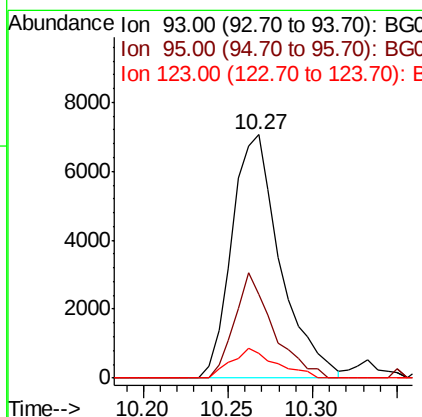
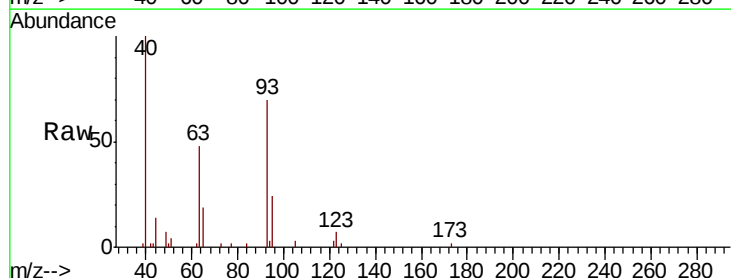
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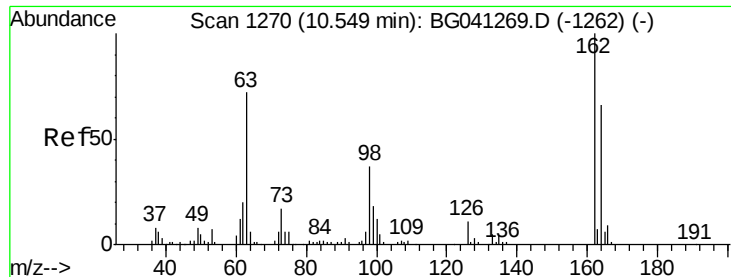
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 6.975 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.2	27.3	40.9
123	10.4	9.6	14.4





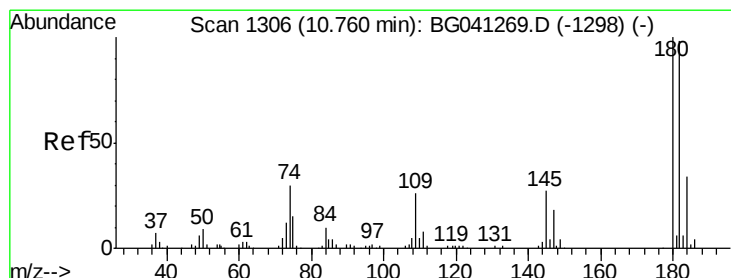
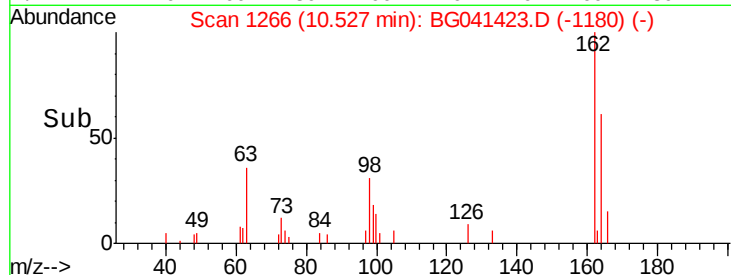
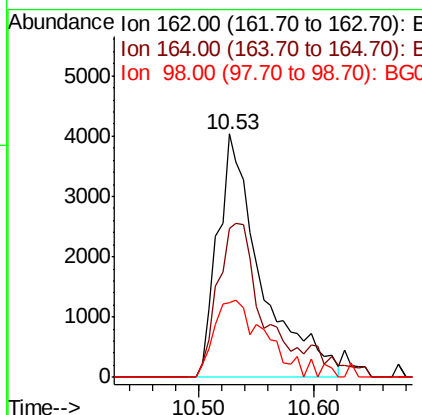
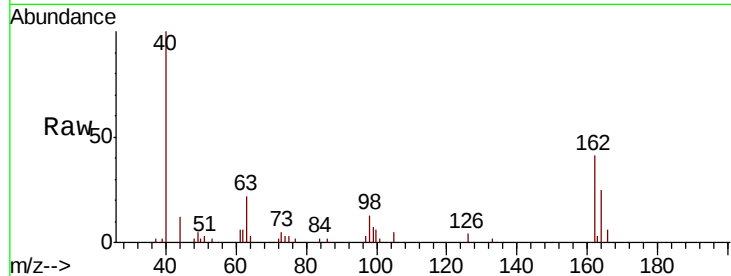
#29
2,4-Dichlorophenol
Concen: 6.609 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.3	46.0	86.0
98	30.6	17.4	57.4

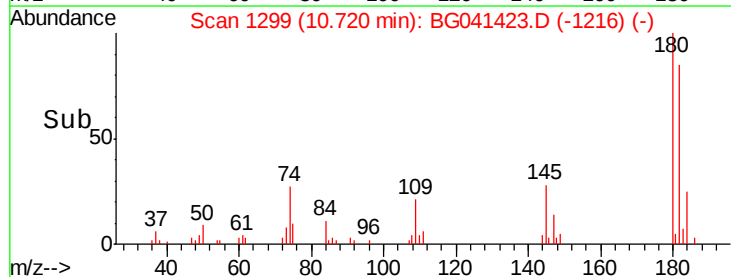
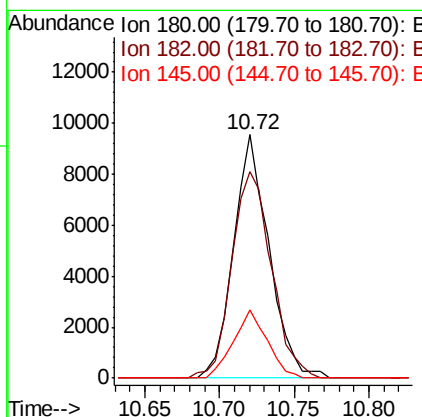
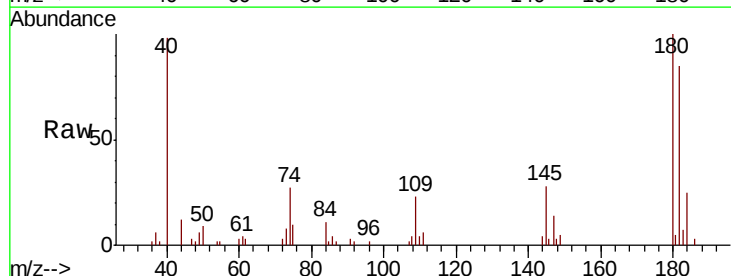
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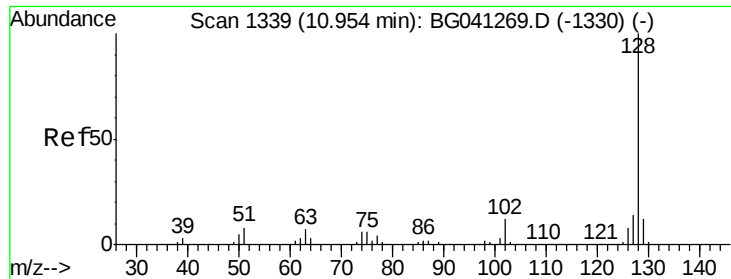
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 7.745 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.04 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	81.1	78.6	117.8
145	27.0	21.7	32.5





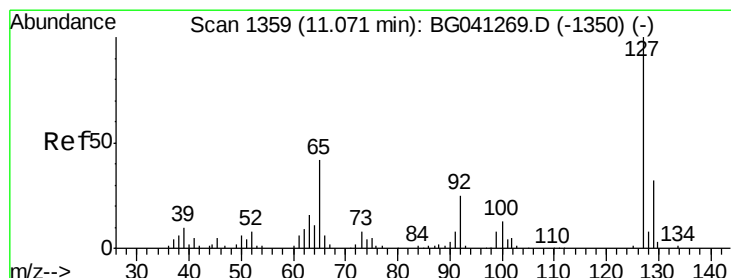
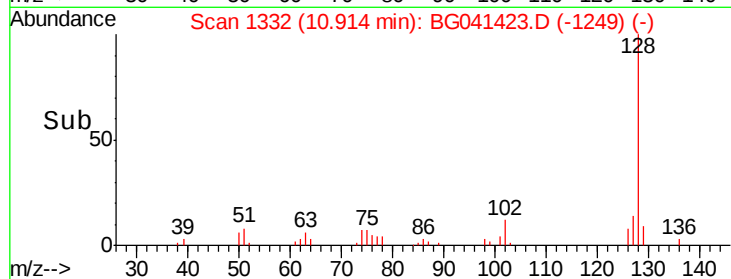
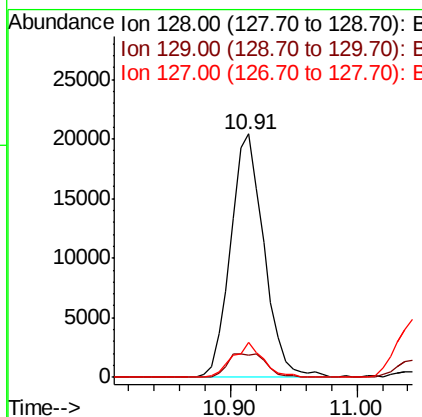
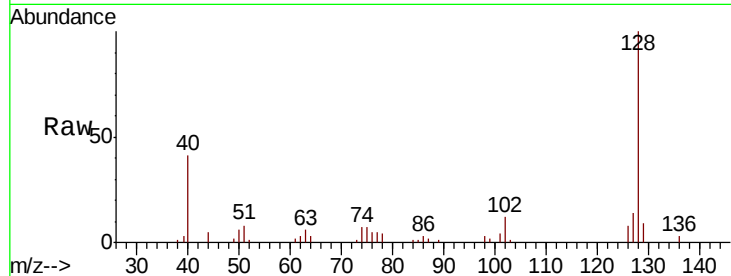
#31
Naphthalene
Concen: 7.710 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.04 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.2	9.4	14.0#
127	14.2	11.2	16.8

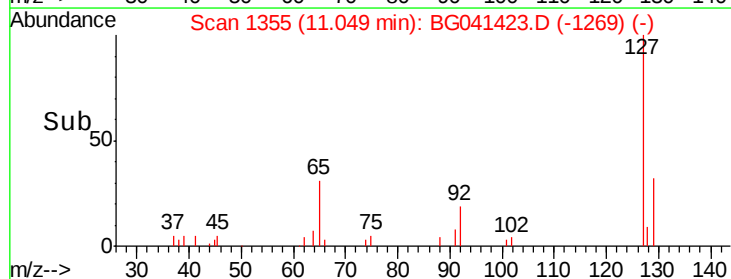
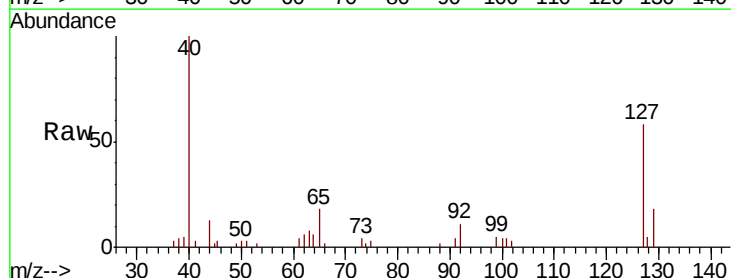
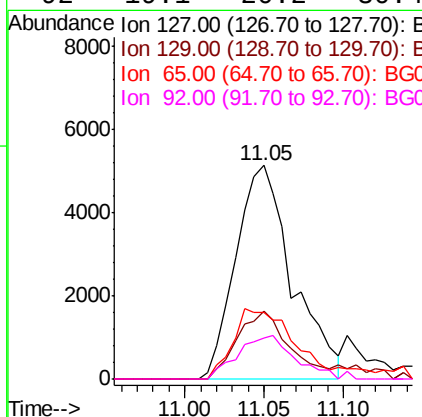
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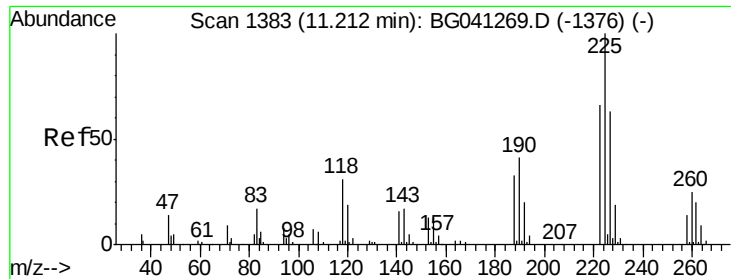
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#33
4-Chloroaniline
Concen: 6.210 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.8
65	31.5	33.8	50.8#
92	19.1	20.2	30.4#





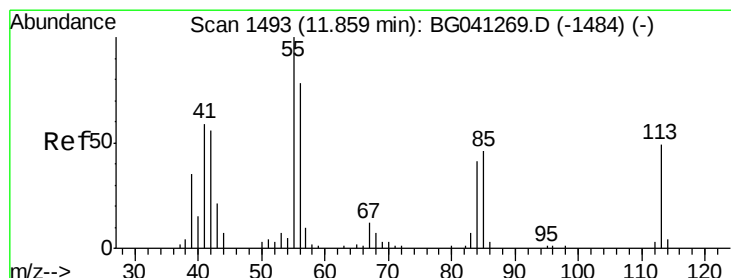
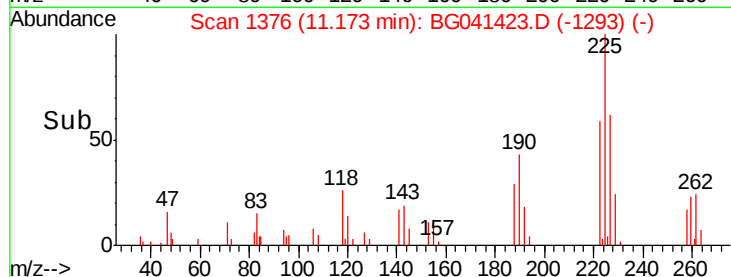
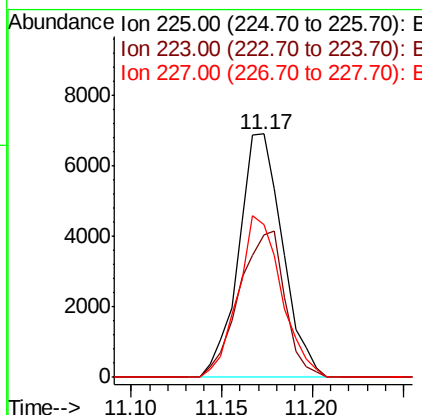
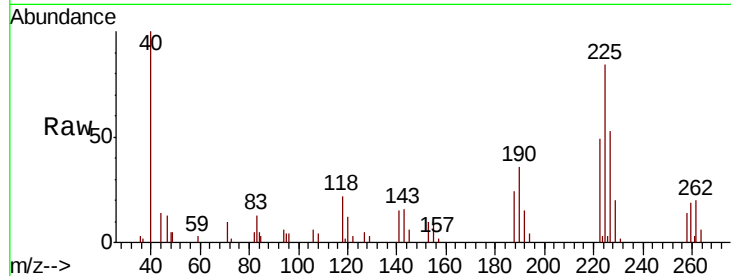
#34
Hexachlorobutadiene
Concen: 7.143 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.04 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
225	100		
223	58.7	52.5	78.7
227	62.5	50.2	75.2

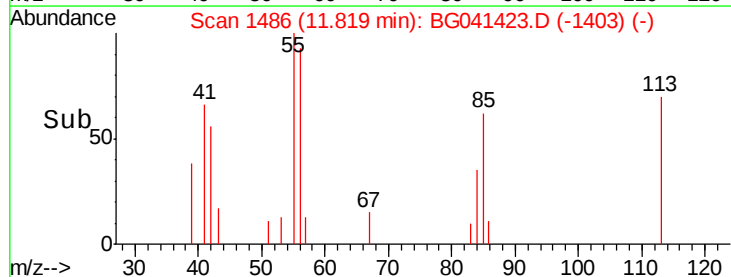
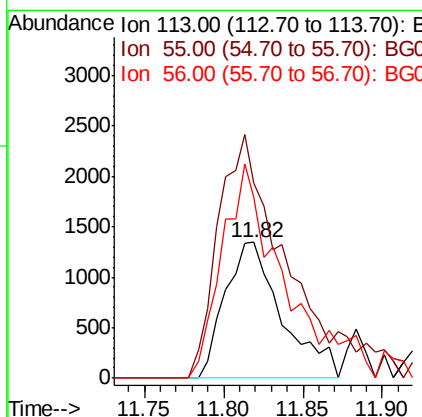
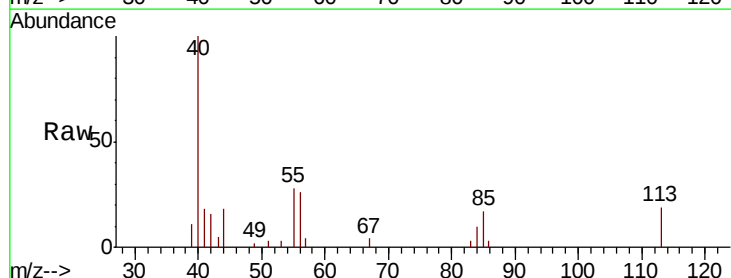
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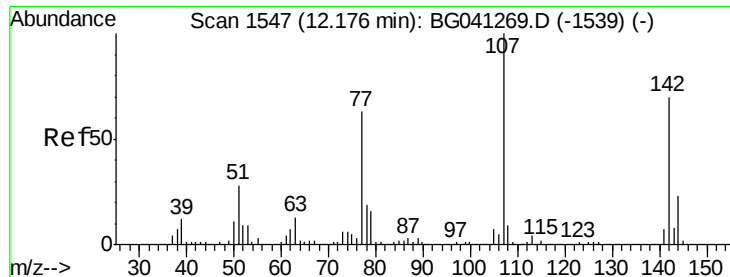
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#35
Caprolactam
Concen: 6.085 ng
RT: 11.82 min Scan# 1486
Delta R.T. -0.04 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Tgt Ion	Ratio	Lower	Upper
113	100		
55	143.3	182.6	222.6#
56	132.7	137.5	177.5#





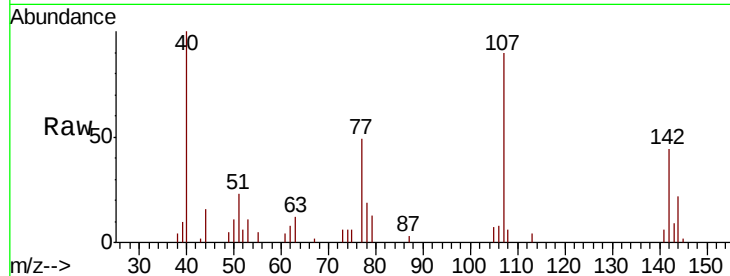
#36
 4-Chloro-3-methylphenol
 Concen: 7.343 ng
 RT: 12.15 min Scan# 1543
 Delta R.T. -0.02 min
 Lab File: BG041423.D
 Acq: 24 Jun 2019 15:12

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
107	100		
144	24.4	18.5	27.7
142	49.0	56.3	84.5#

Manual Integrations
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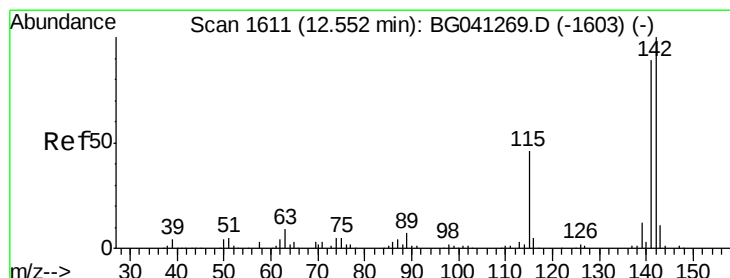
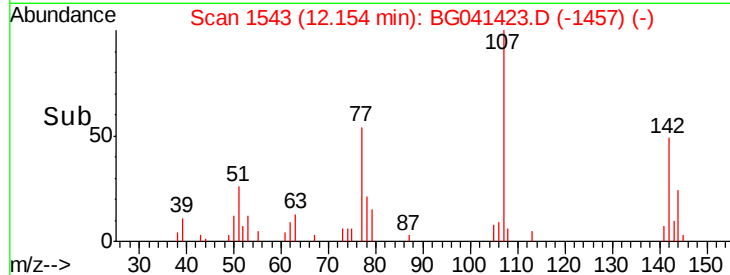
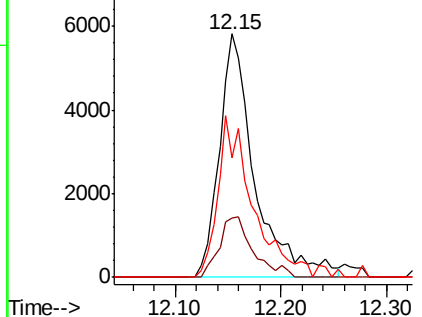


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 7.890 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.03 min
 Lab File: BG041423.D
 Acq: 24 Jun 2019 15:12

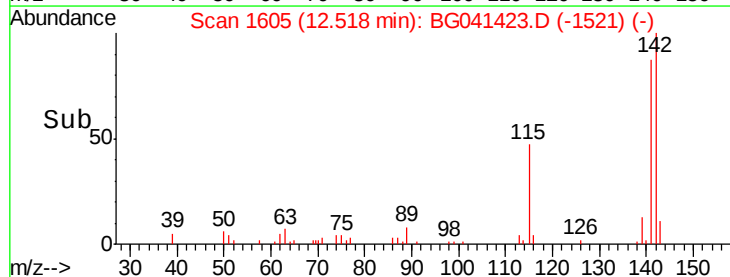
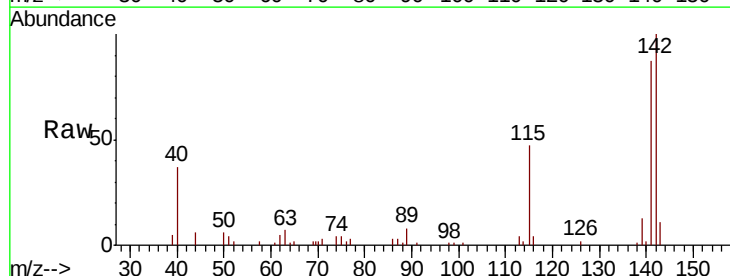
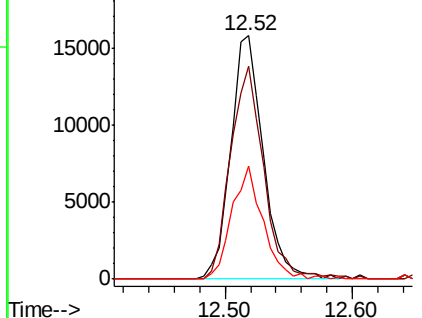
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.5	107.3
115	46.6	37.0	55.6

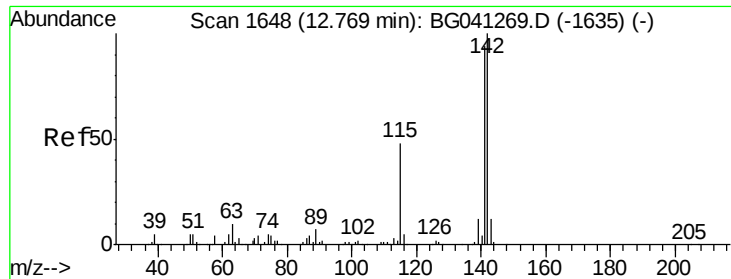
Abundance

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





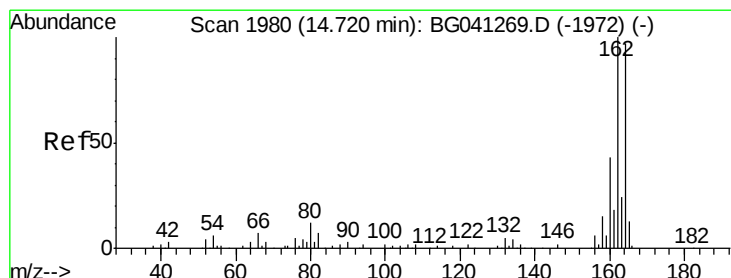
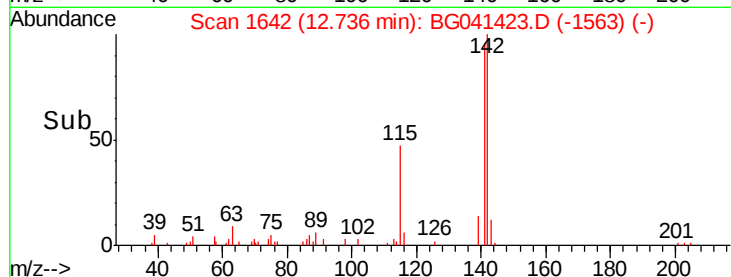
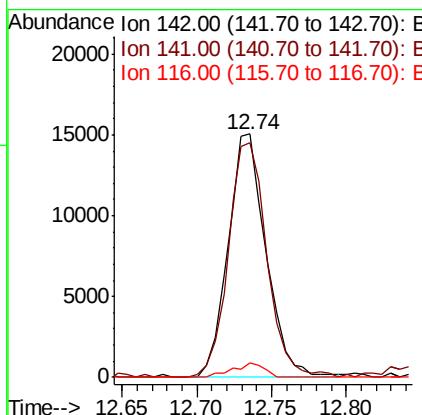
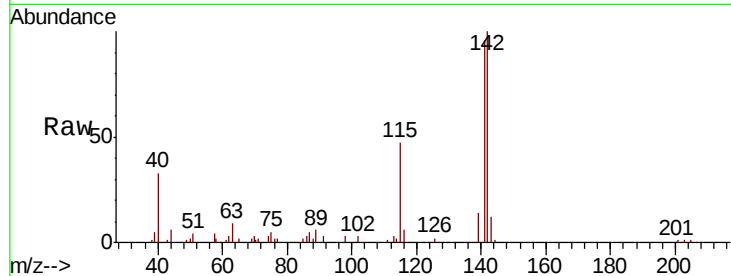
#38
1-Methylnaphthalene
Concen: 7.880 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.03 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	96.4	75.0	112.6
116	6.1	4.2	6.2

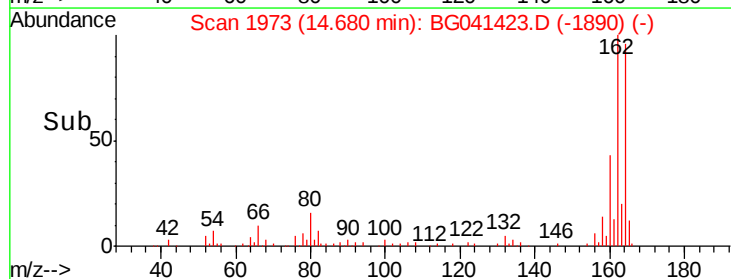
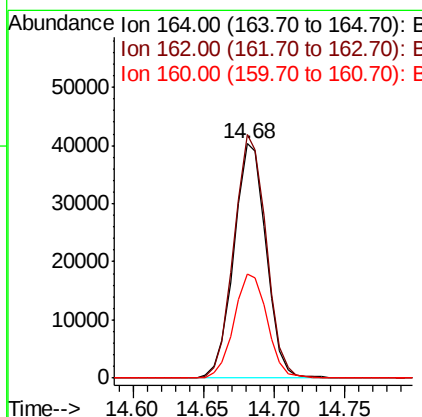
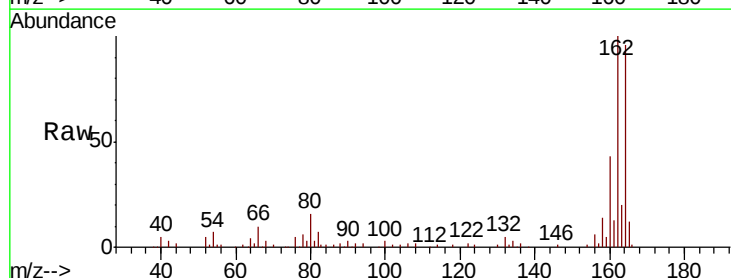
Manual Integrations
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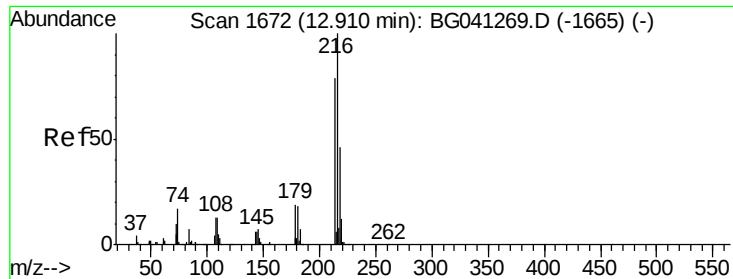
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.04 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.8	124.2
160	44.4	35.8	53.8





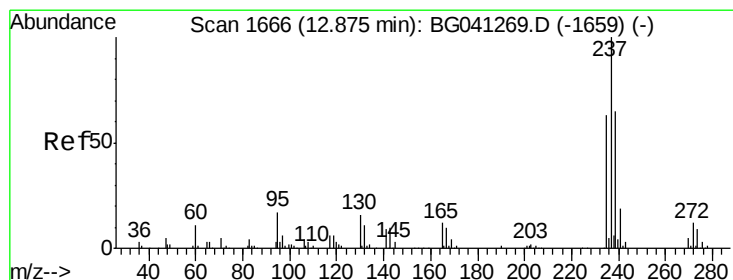
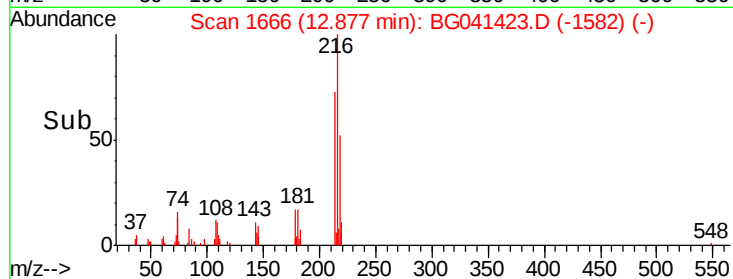
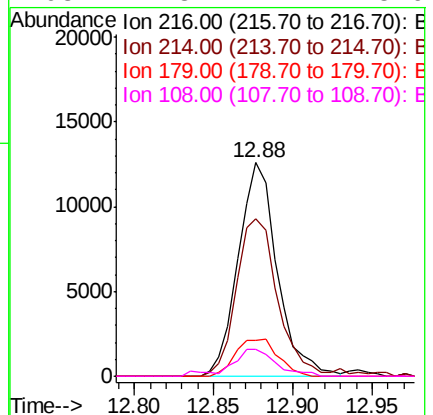
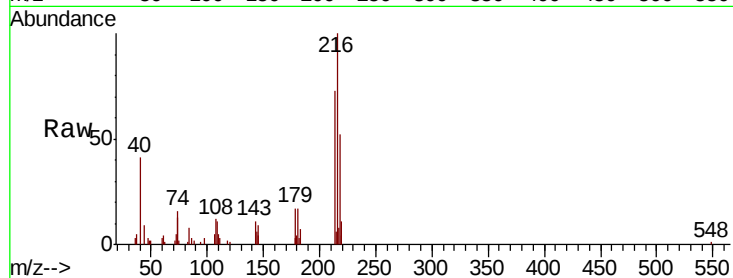
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 8.131 ng
 RT: 12.88 min Scan# 1666
 Delta R.T. -0.03 min
 Lab File: BG041423.D
 Acq: 24 Jun 2019 15:12

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Tot Ion:	216	Resp:	21556
Ion Ratio	Lower	Upper	
216	100		
214	77.6	62.8	94.2
179	18.9	15.2	22.8
108	14.3	12.4	18.6

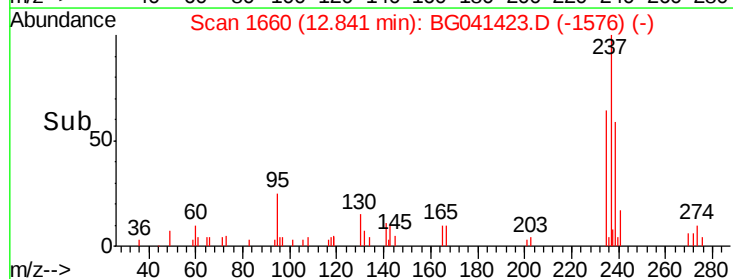
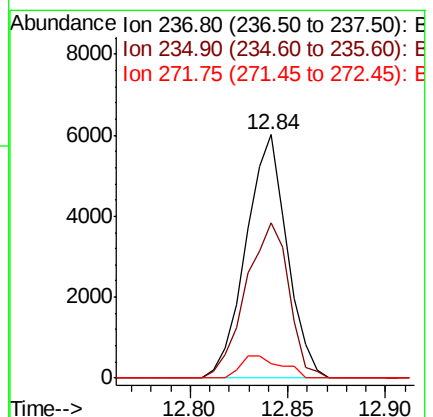
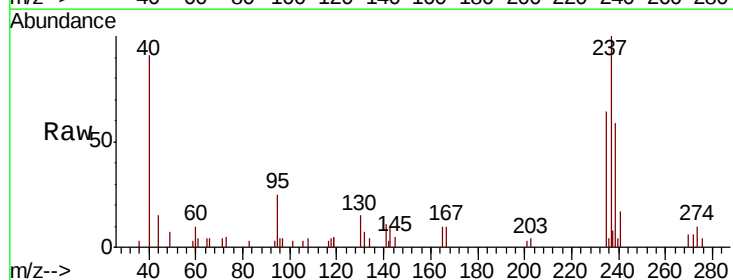
Manual Integrations
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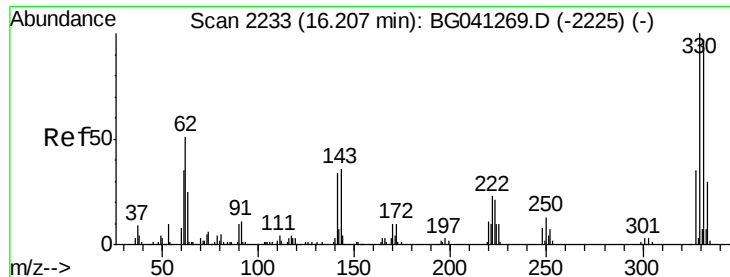
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#41
 Hexachlorocyclopentadiene
 Concen: 4.883 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.03 min
 Lab File: BG041423.D
 Acq: 24 Jun 2019 15:12

Tgt Ion:	237	Resp:	8720
Ion Ratio	Lower	Upper	
237	100		
235	64.0	42.9	82.9
272	5.7	0.0	32.0





#42

2,4,6-Tribromophenol

Concen: 151.147 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.03 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Instrument :

BNA_G

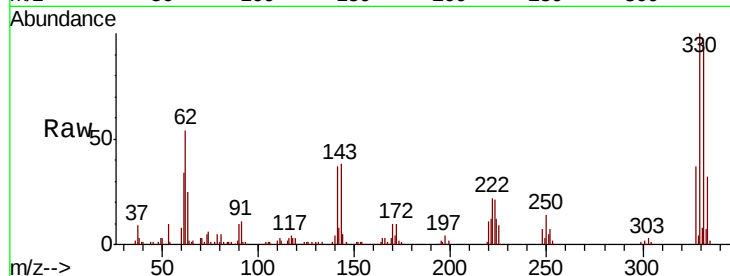
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

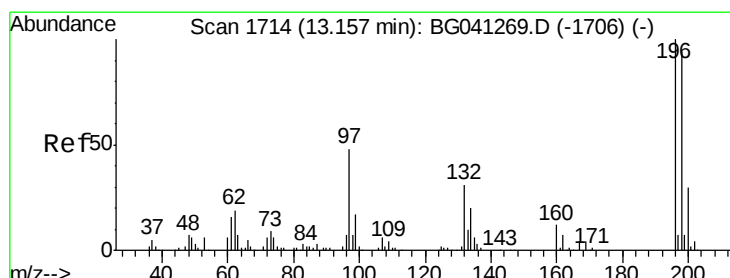
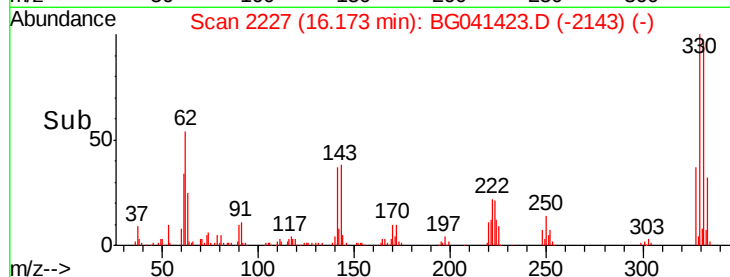
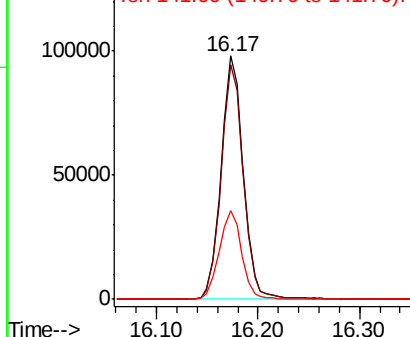
Tot Ion:	330	Resp:	148977
Ion Ratio	Lower	Upper	
330	100		
332	96.4	75.5	113.3
141	36.8	29.0	43.4

Manual Integrations
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 6.993 ng

RT: 13.13 min Scan# 1709

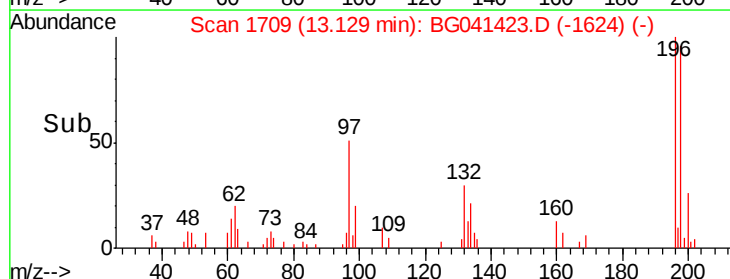
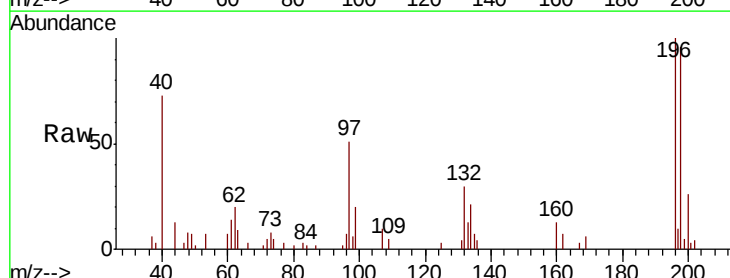
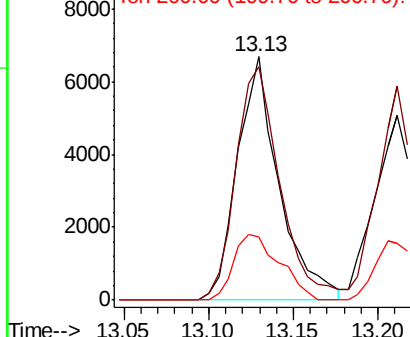
Delta R.T. -0.03 min

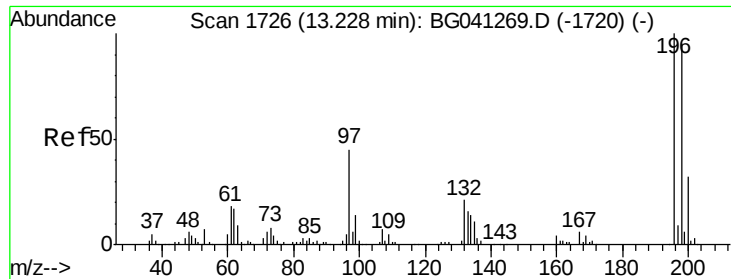
Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Tgt Ion:	196	Resp:	11468
Ion Ratio	Lower	Upper	
196	100		
198	95.9	74.9	112.3
200	25.9	24.2	36.2

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





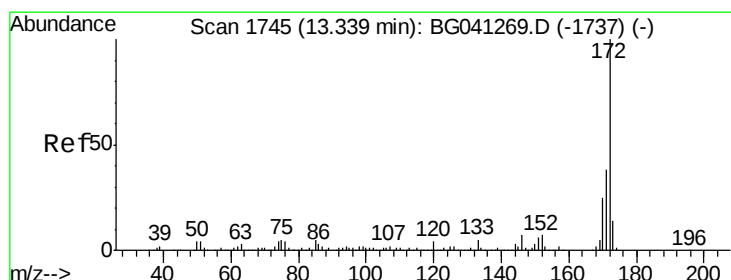
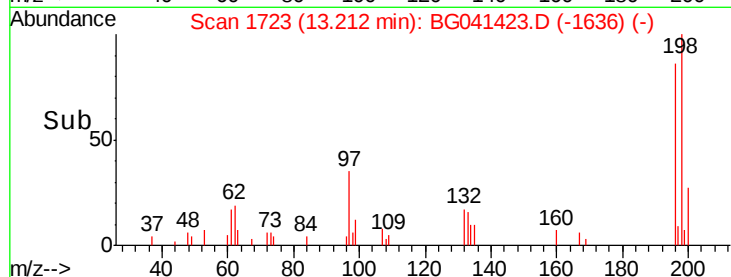
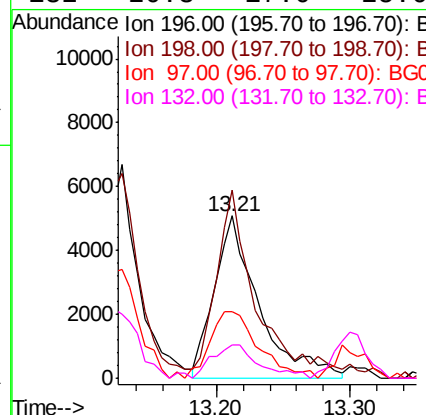
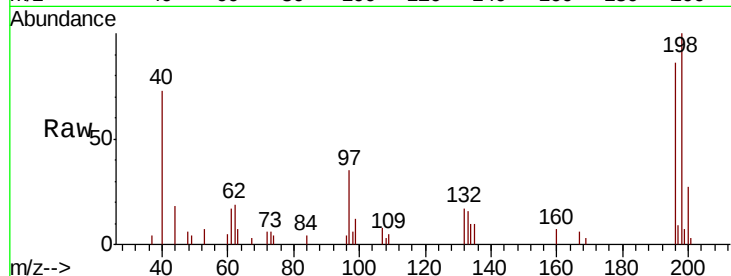
#44
 2,4,5-Trichlorophenol
 Concen: 7.012 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG041423.D
 Acq: 24 Jun 2019 15:12

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
196	100	11832		
198	116.0	76.1	114.1	#
97	41.1	35.9	53.9	
132	20.3	17.0	25.6	

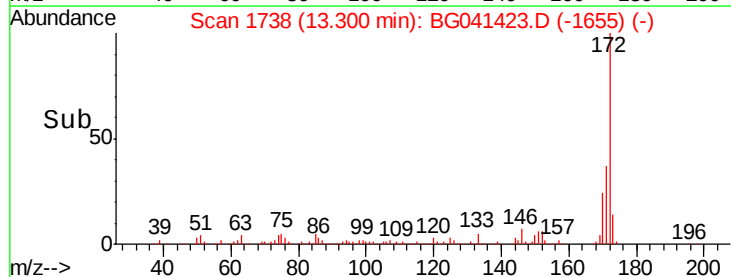
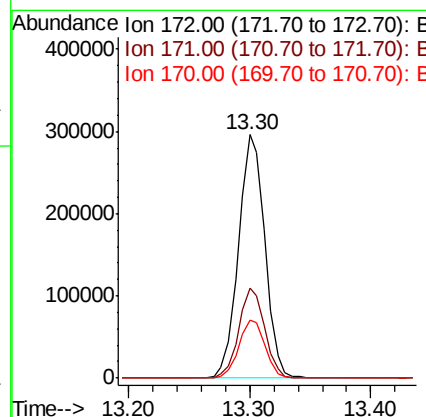
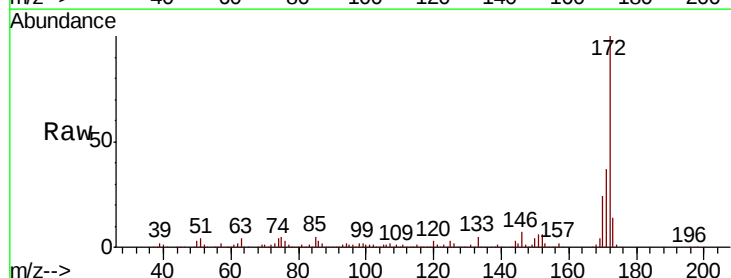
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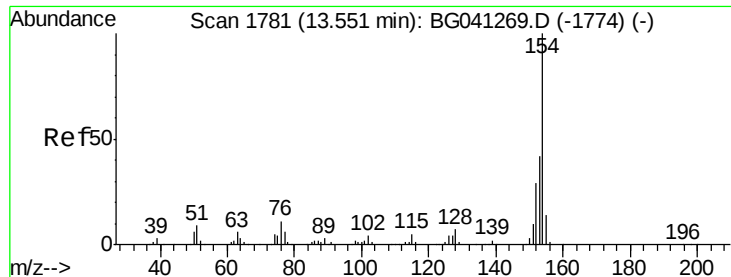
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#45
 2-Fluorobiphenyl
 Concen: 95.376 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.04 min
 Lab File: BG041423.D
 Acq: 24 Jun 2019 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	450525		
171	36.8	30.0	45.0	
170	23.6	19.8	29.6	





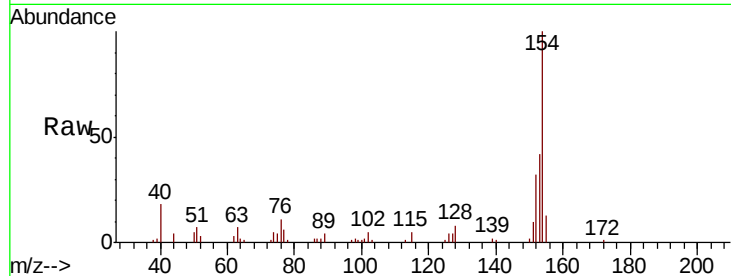
#46
 1,1'-Biphenyl
 Concen: 8.361 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.03 min
 Lab File: BG041423.D
 Acq: 24 Jun 2019 15:12

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

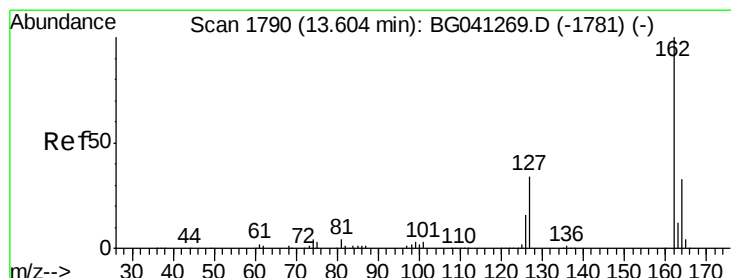
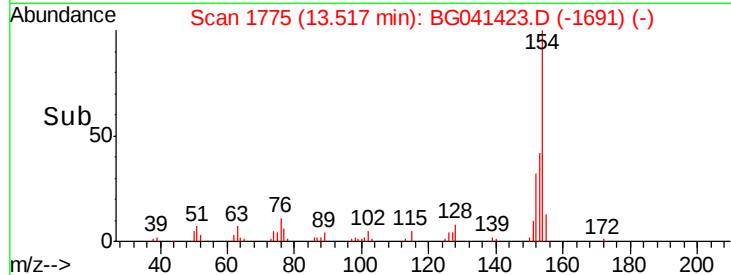
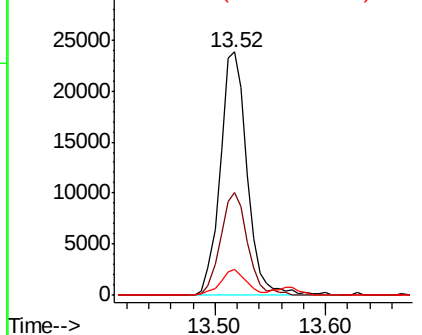
Tot Ion:	154	Resp:	40580
Ion Ratio	Lower	Upper	
154	100		
153	42.3	22.3	62.3
76	10.9	0.0	30.8

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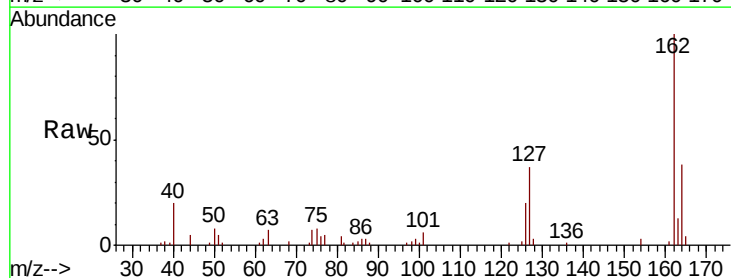


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

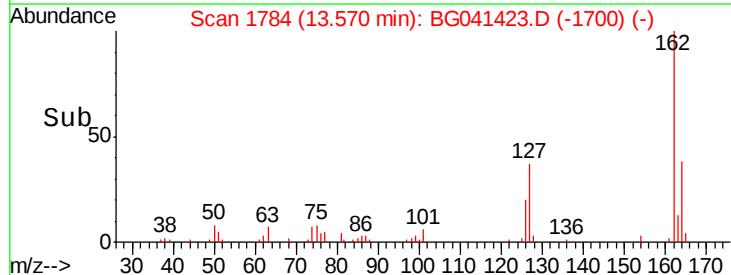
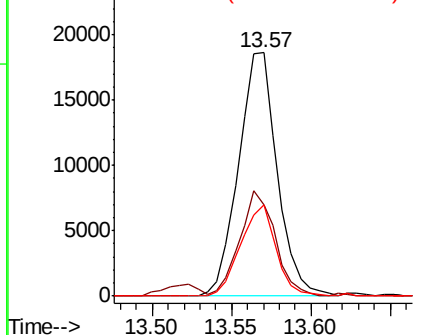


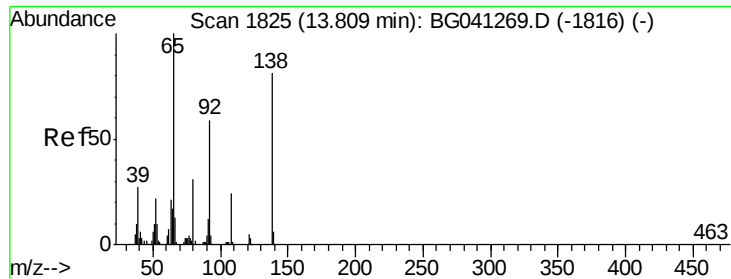
#47
 2-Chloronaphthalene
 Concen: 7.550 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.03 min
 Lab File: BG041423.D
 Acq: 24 Jun 2019 15:12

Tgt Ion:	162	Resp:	31551
Ion Ratio	Lower	Upper	
162	100		
127	37.5	31.0	46.4
164	37.7	26.1	39.1



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





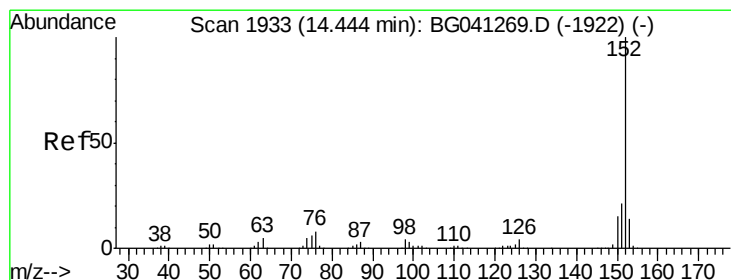
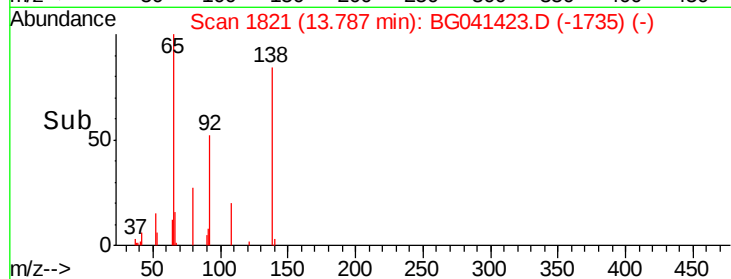
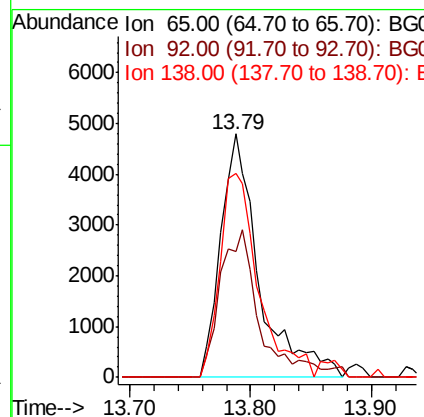
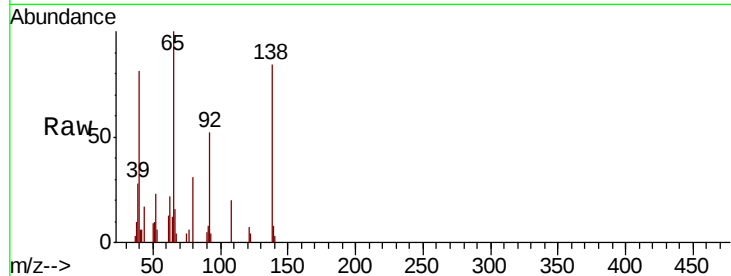
#48
2-Nitroaniline
Concen: 6.896 ng
RT: 13.79 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
65	100		
92	51.9	47.4	71.2
138	83.7	64.7	97.1

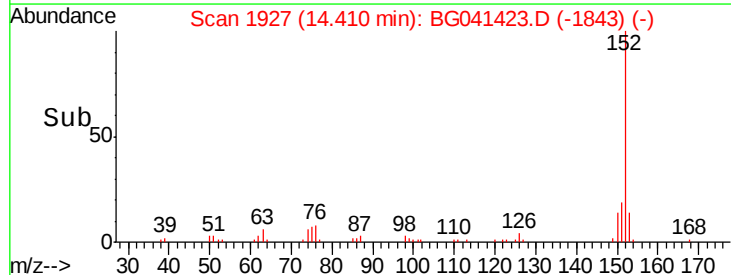
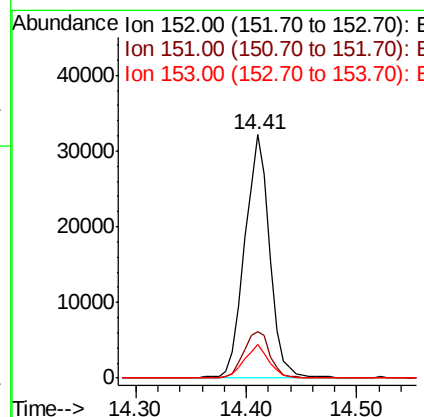
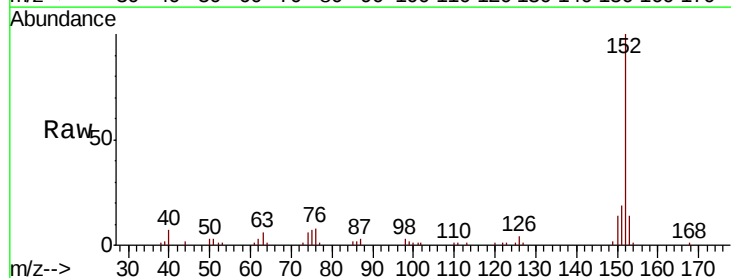
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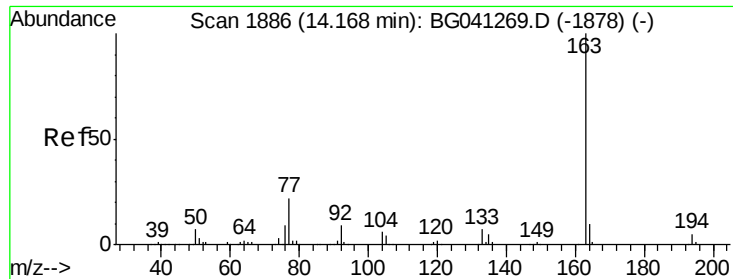
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#49
Acenaphthylene
Concen: 8.046 ng
RT: 14.41 min Scan# 1927
Delta R.T. -0.03 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.8	25.2
153	13.7	10.8	16.2





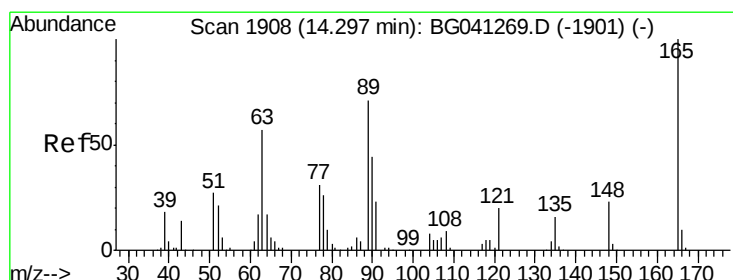
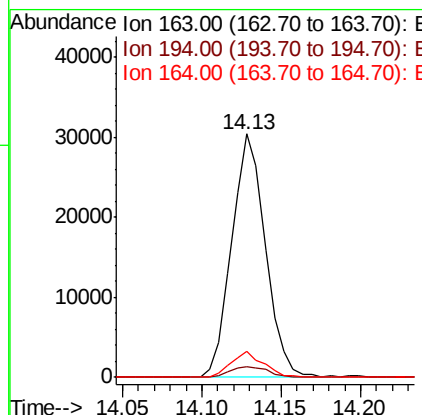
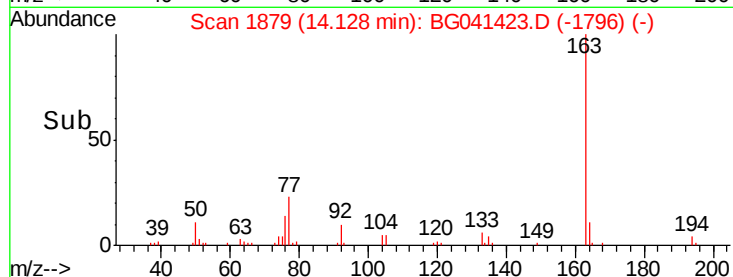
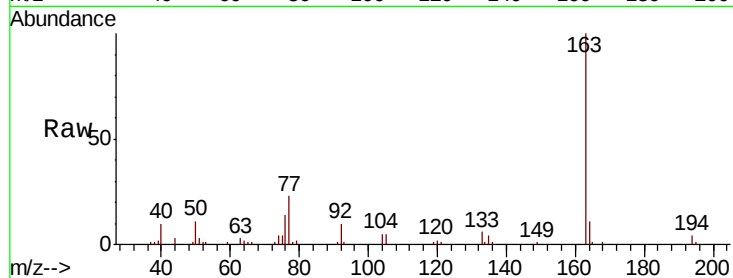
#50
Dimethylphthalate
Concen: 7.817 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.04 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.9	5.9
164	10.7	8.3	12.5

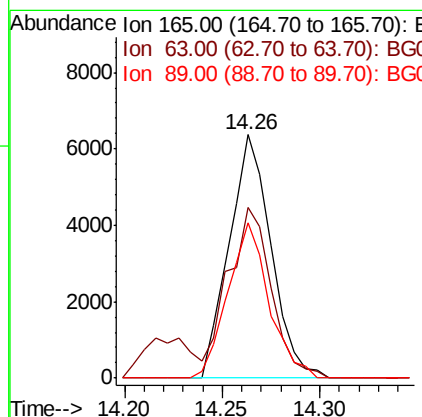
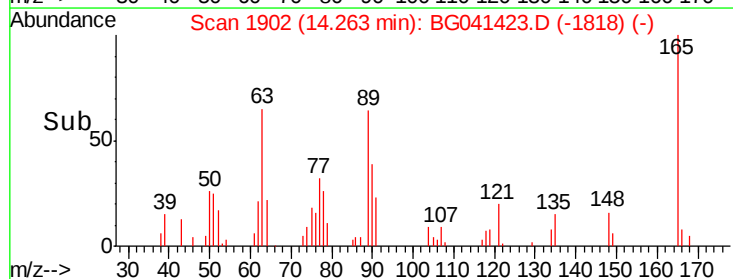
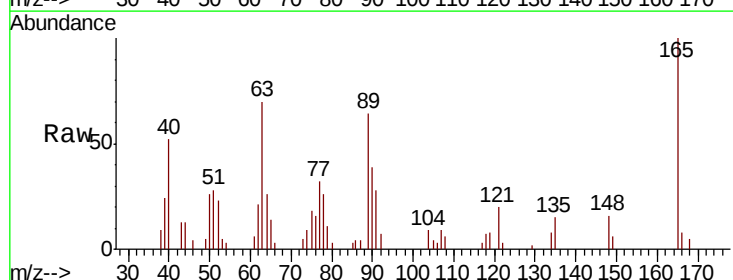
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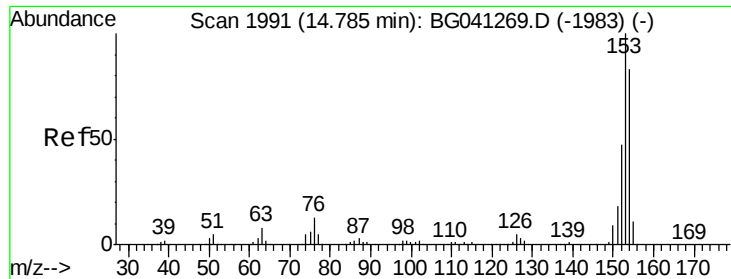
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#51
2,6-Dinitrotoluene
Concen: 7.845 ng
RT: 14.26 min Scan# 1902
Delta R.T. -0.03 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	70.2	55.4	83.0
89	63.6	56.5	84.7





#52

Acenaphthene

Concen: 7.871 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.04 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Instrument :

BNA_G

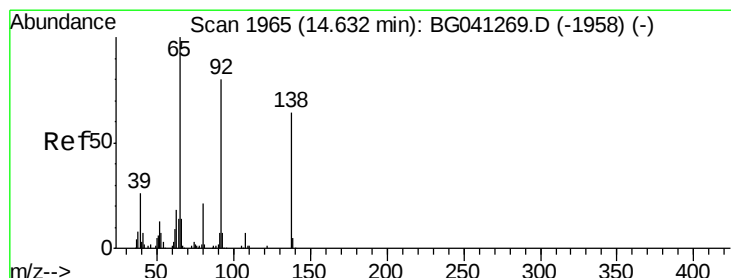
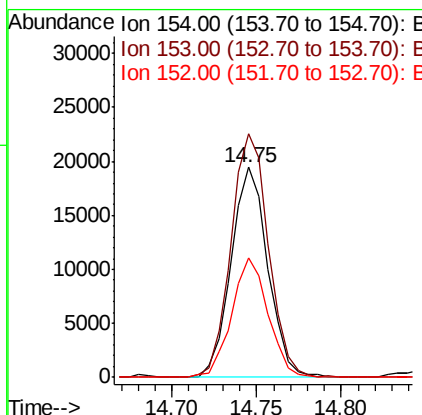
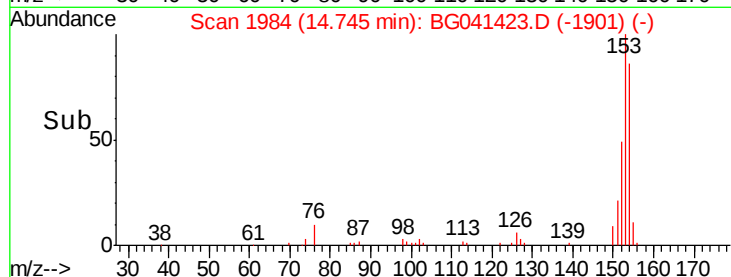
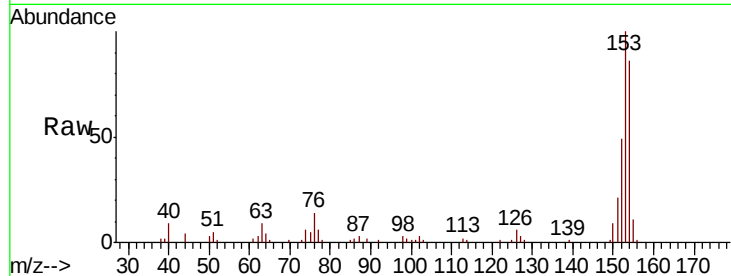
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	154	Resp:	29308
Ion Ratio	Lower	Upper	
154	100		
153	115.8	96.6	145.0
152	56.8	45.5	68.3

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#53

3-Nitroaniline

Concen: 6.334 ng

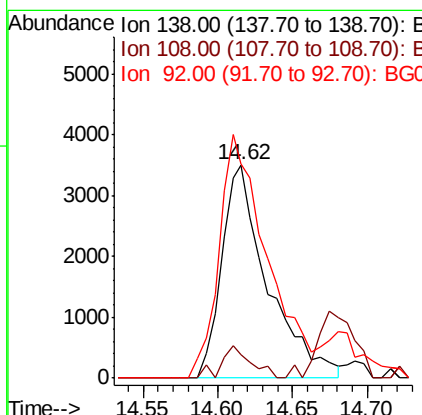
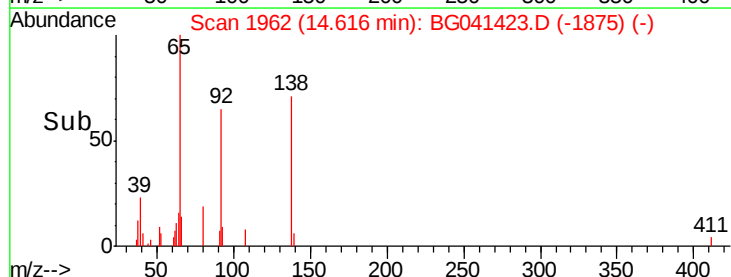
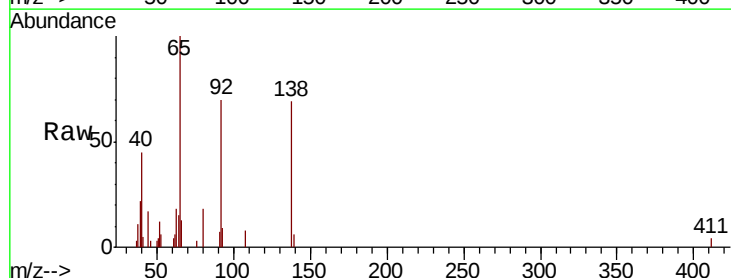
RT: 14.62 min Scan# 1962

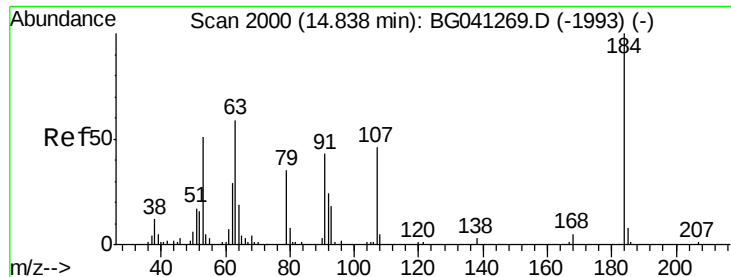
Delta R.T. -0.02 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Tgt Ion:	138	Resp:	7517
Ion Ratio	Lower	Upper	
138	100		
108	11.0	8.3	12.5
92	100.8	100.2	150.4





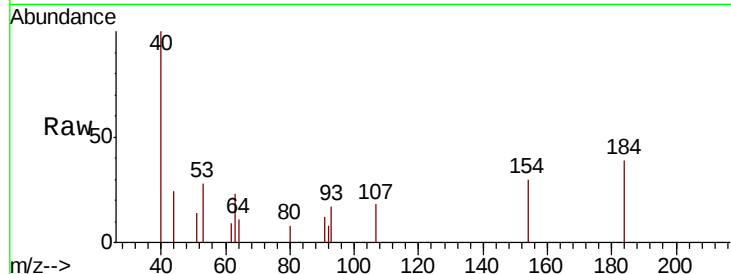
#54
 2,4-Dinitrophenol
 Concen: 7.063 ng/mL
 RT: 14.85 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BG041423.D
 Acq: 24 Jun 2019 15:12

Instrument :
 BNA_G
 ClientSampleID :
 MDL-MDL-WATER-03-QT2-2019

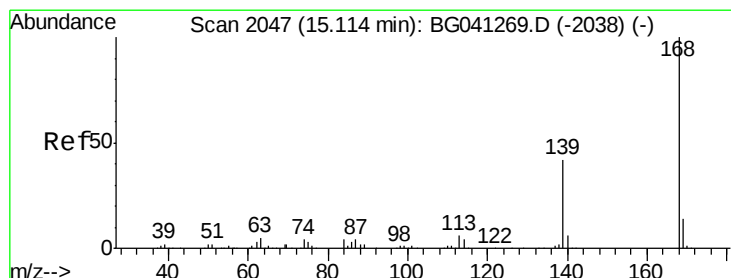
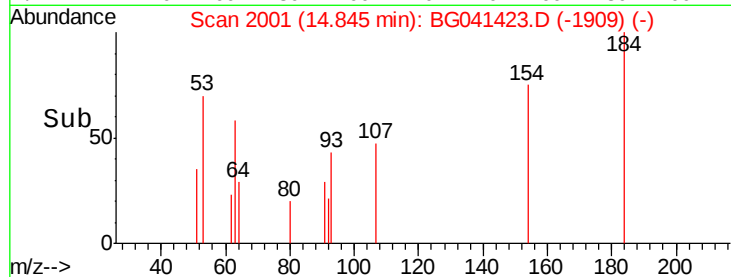
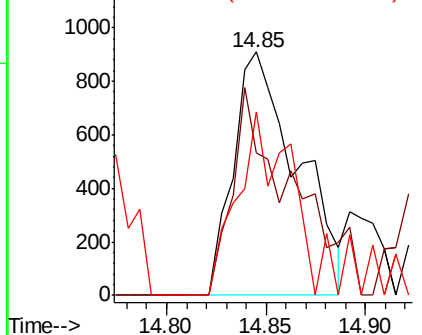
Tot Ion	Ratio	Lower	Upper
184	100		
63	58.4	60.0	90.0#
154	75.3	58.3	87.5

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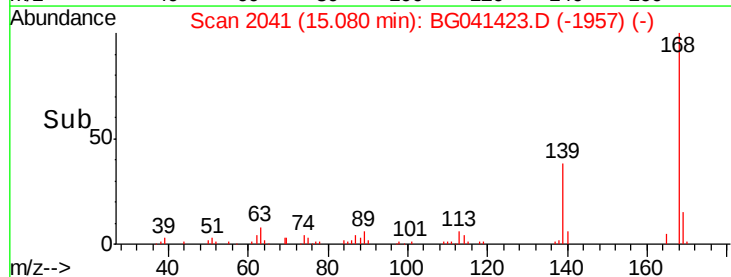
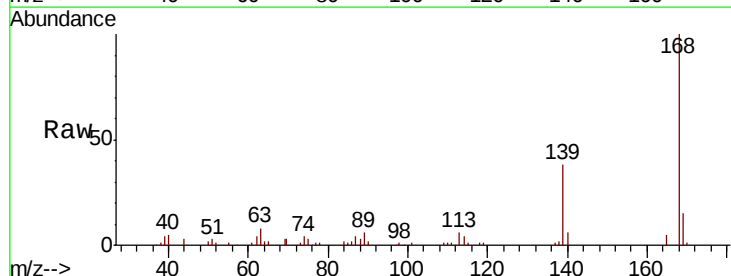
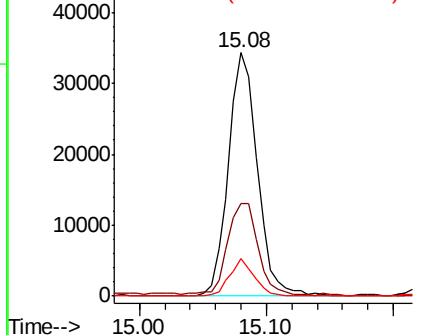
Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

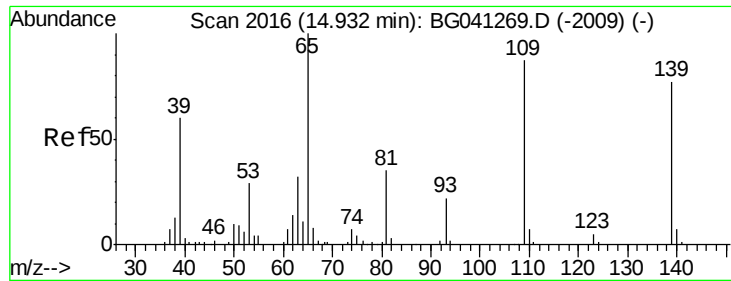


#55
 Dibenzofuran
 Concen: 8.367 ng/mL
 RT: 15.08 min Scan# 2041
 Delta R.T. -0.03 min
 Lab File: BG041423.D
 Acq: 24 Jun 2019 15:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.2	33.6	50.4
169	15.3	10.8	16.2

Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





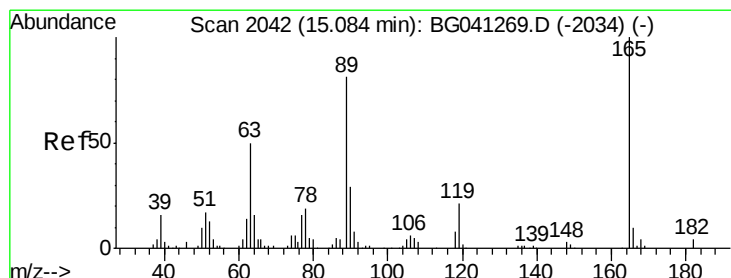
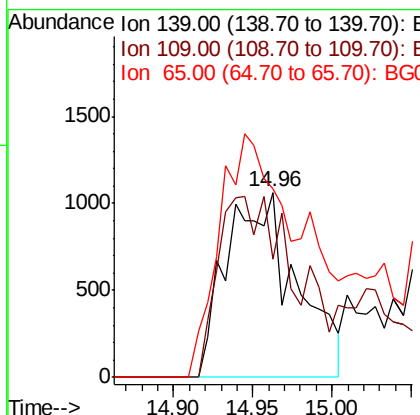
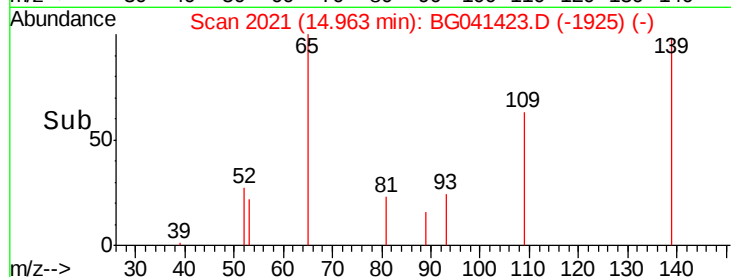
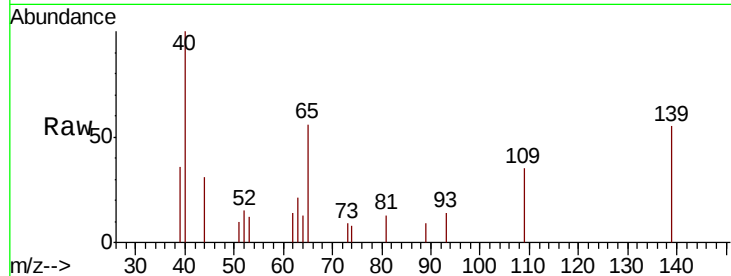
#56
4-Nitrophenol
Concen: 6.652 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.03 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
139	100		
109	63.9	93.2	133.2#
65	102.1	110.2	150.2#

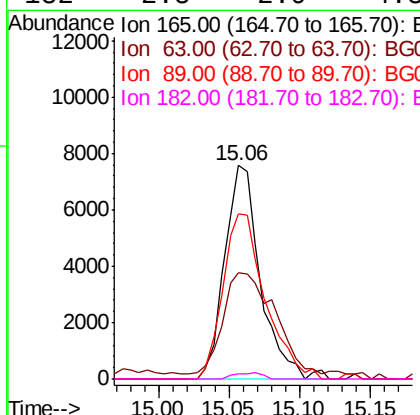
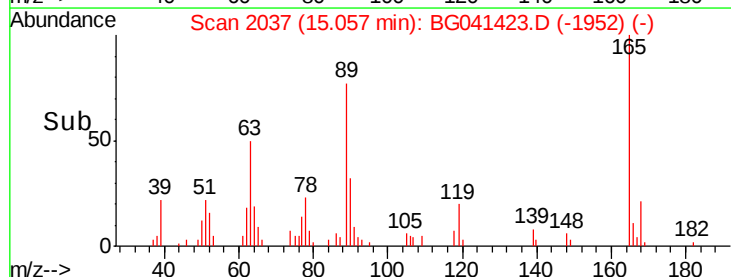
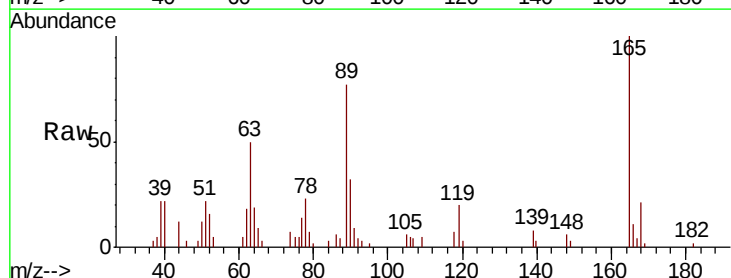
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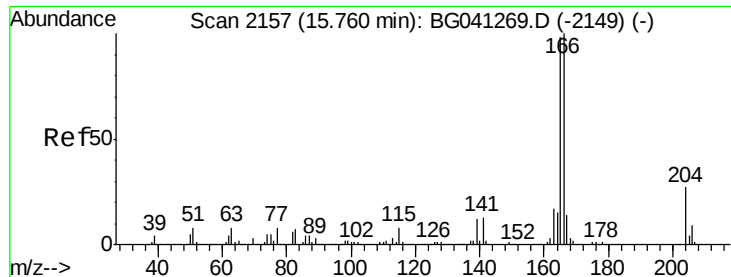
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#57
2,4-Dinitrotoluene
Concen: 7.571 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.03 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.9	40.0	60.0
89	77.5	64.6	96.8
182	2.5	2.9	4.3#





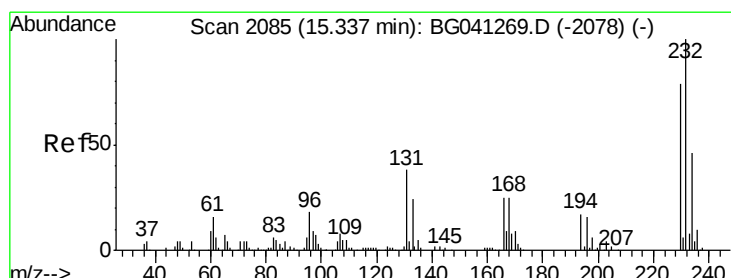
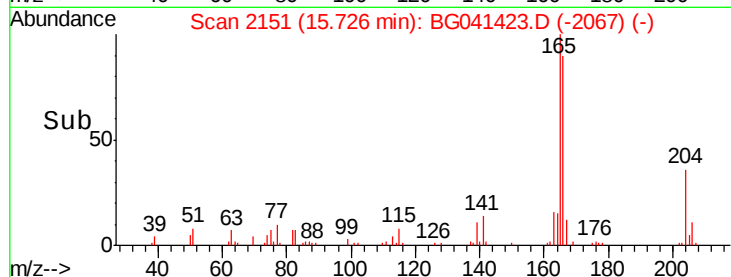
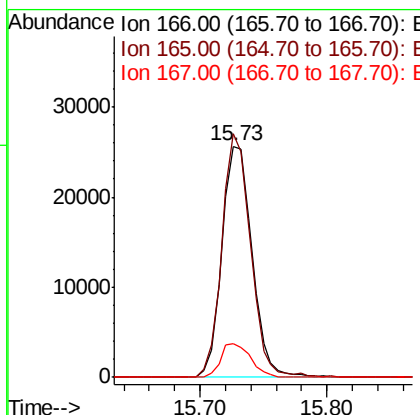
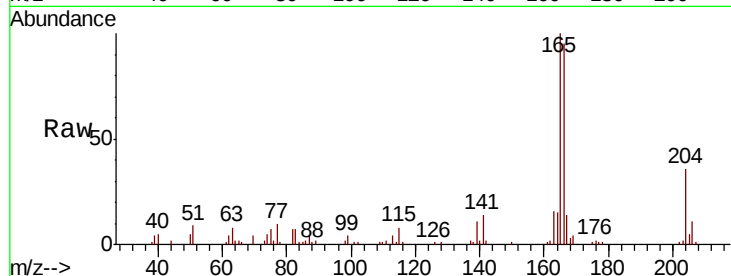
#58
 Fluorene
 Concen: 8.306 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.03 min
 Lab File: BG041423.D
 Acq: 24 Jun 2019 15:12

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
166	100		
165	105.3	78.8	118.2
167	14.7	11.3	16.9

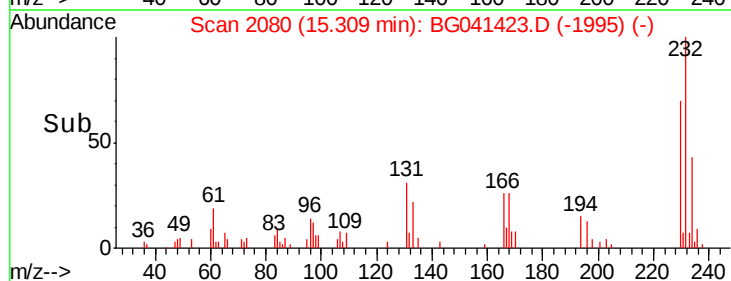
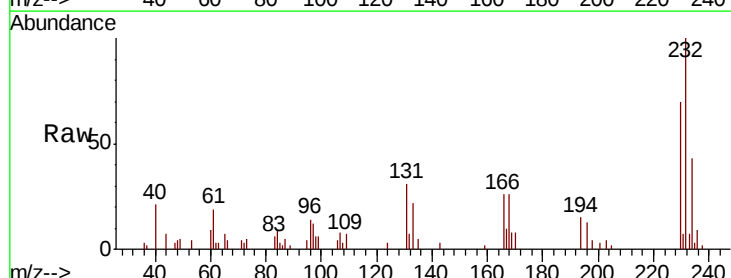
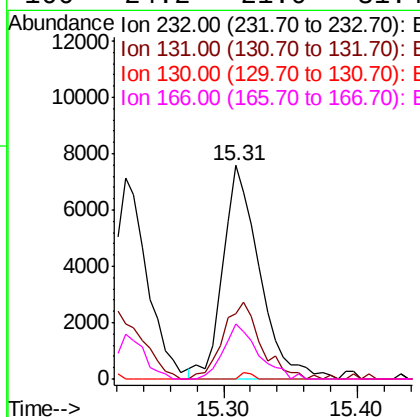
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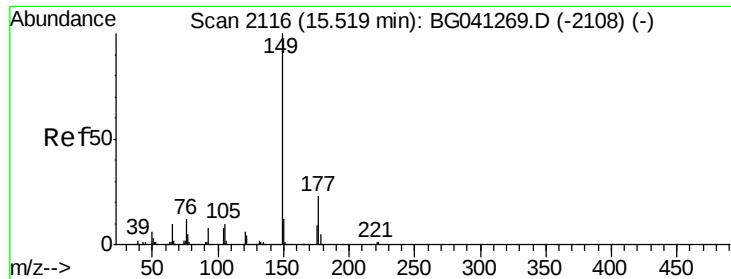
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#59
 2,3,4,6-Tetrachlorophenol
 Concen: 8.315 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.03 min
 Lab File: BG041423.D
 Acq: 24 Jun 2019 15:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.0	29.0	43.6
130	1.0	1.6	2.4
166	24.2	21.0	31.4





#60

Diethylphthalate

Concen: 8.107 ng

RT: 15.48 min Scan# 2109

Delta R.T. -0.04 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Instrument :

BNA_G

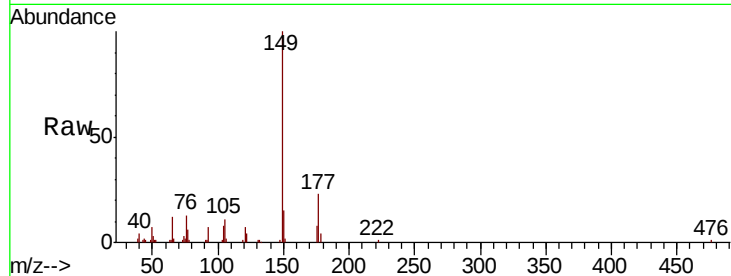
ClientSampleId :

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Tot Ion:	149	Resp:	47070
Ion Ratio	Lower	Upper	
149	100		
177	23.0	18.4	27.6
150	14.6	9.9	14.9

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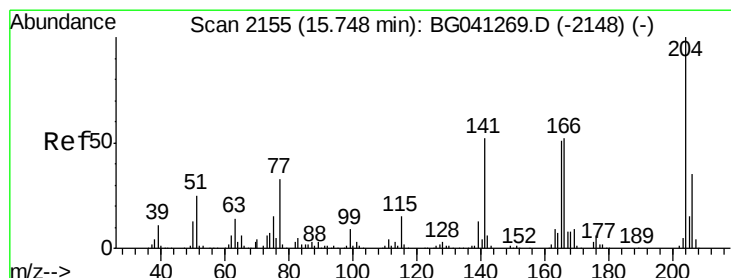
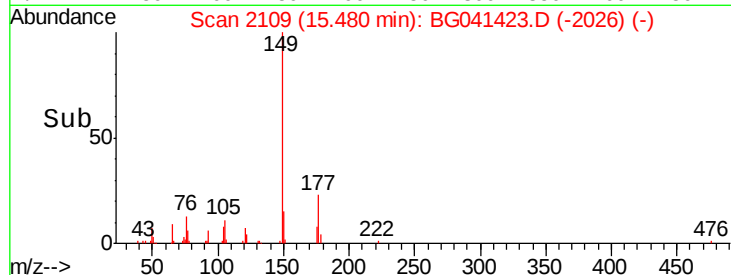
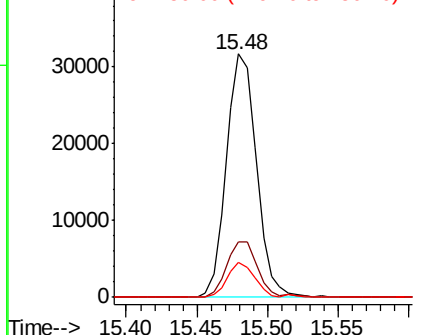


Abundance

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



#61

4-Chlorophenyl-phenylether

Concen: 7.762 ng

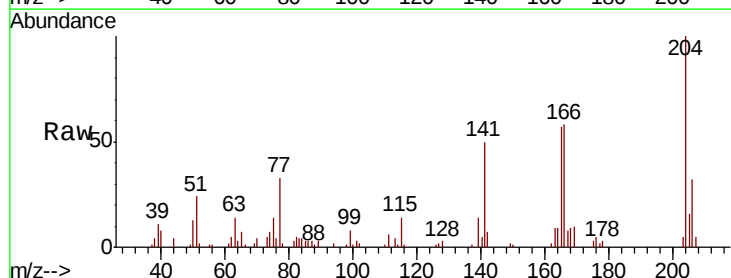
RT: 15.71 min Scan# 2149

Delta R.T. -0.03 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Tgt Ion:	204	Resp:	25719
Ion Ratio	Lower	Upper	
204	100		
206	31.9	27.9	41.9
141	50.2	41.4	62.0

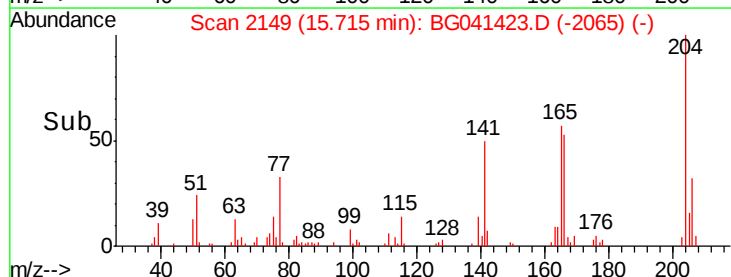
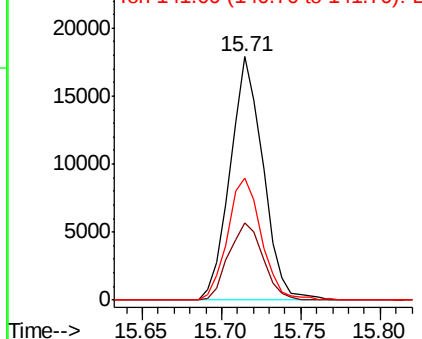


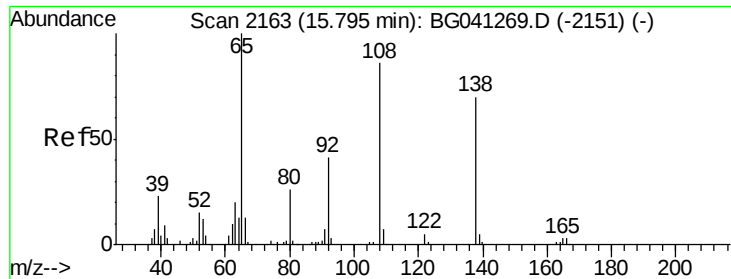
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





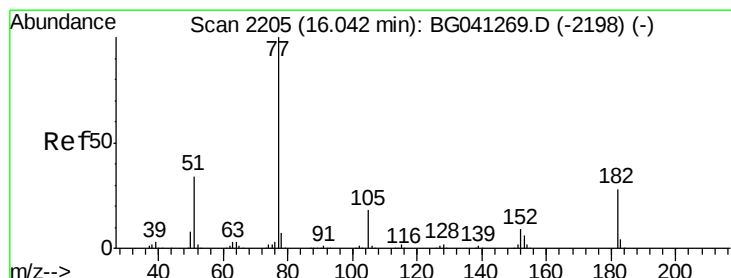
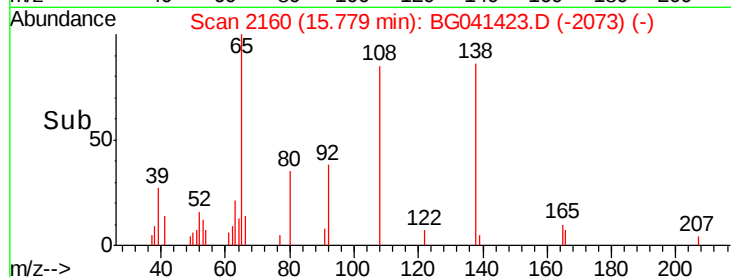
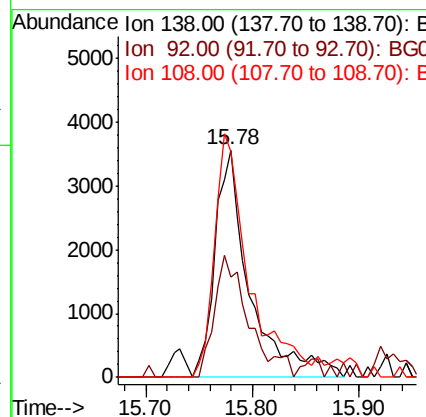
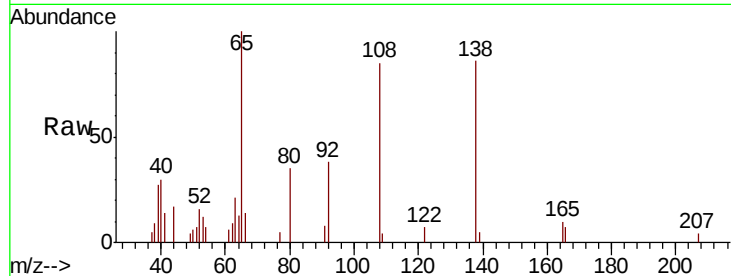
#62
4-Nitroaniline
Concen: 6.362 ng/mL
RT: 15.78 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
138	100		
92	43.9	38.8	78.8
108	99.2	103.4	143.4

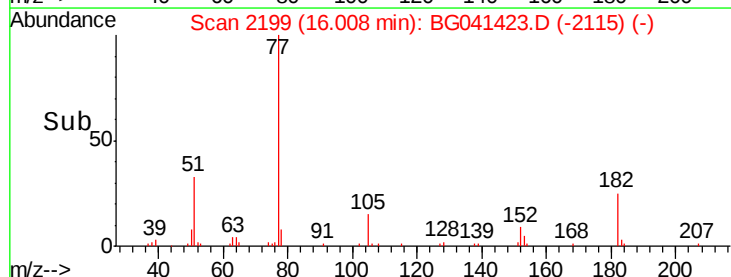
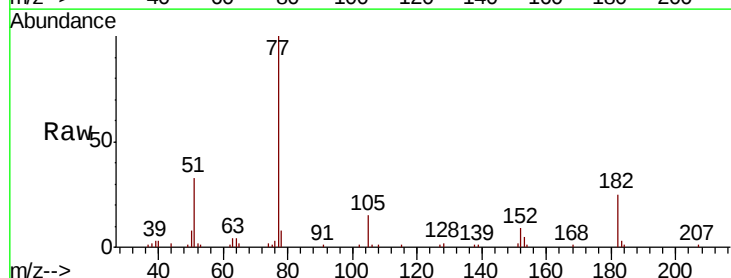
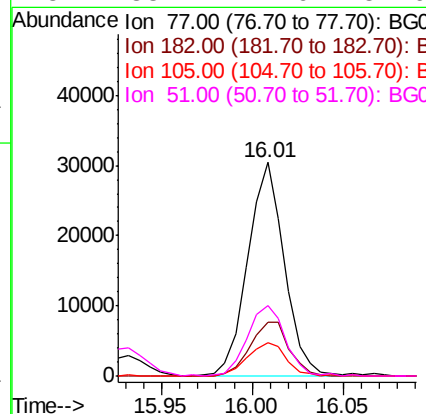
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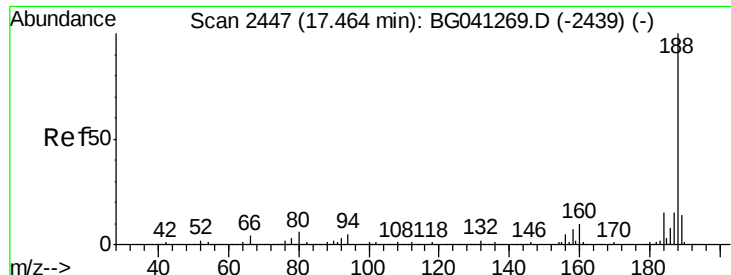
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#63
Azobenzene
Concen: 8.233 ng/mL
RT: 16.01 min Scan# 2199
Delta R.T. -0.03 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.2	7.5	47.5
105	15.4	0.0	37.7
51	33.1	14.6	54.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.03 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Instrument :

BNA_G

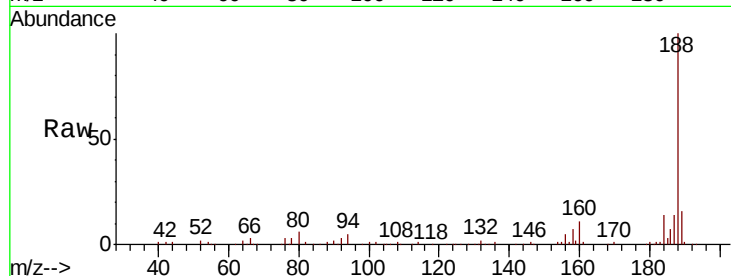
ClientSampleId :

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Tot Ion:	188	Resp:	172378
Ion Ratio	Lower	Upper	
188	100		
94	4.6	3.6	5.4
80	6.2	4.8	7.2

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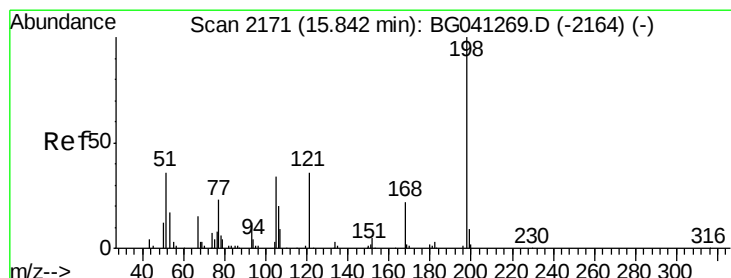
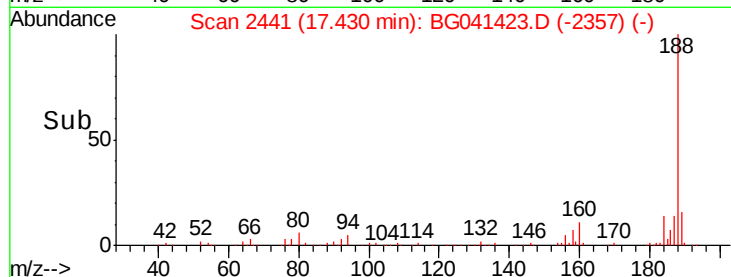
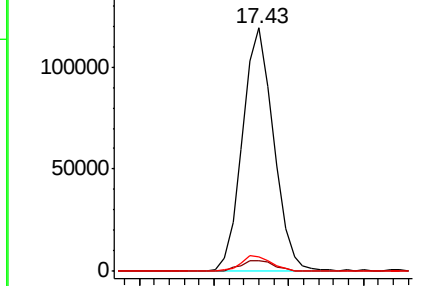
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 5.737 ng

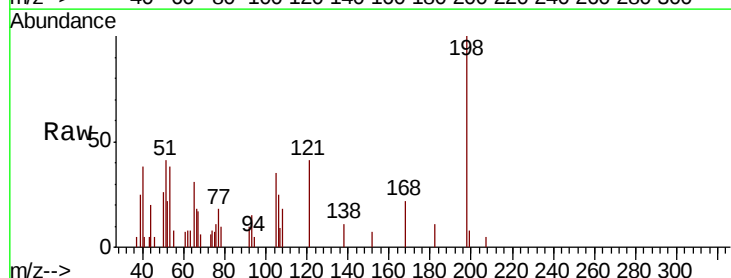
RT: 15.83 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

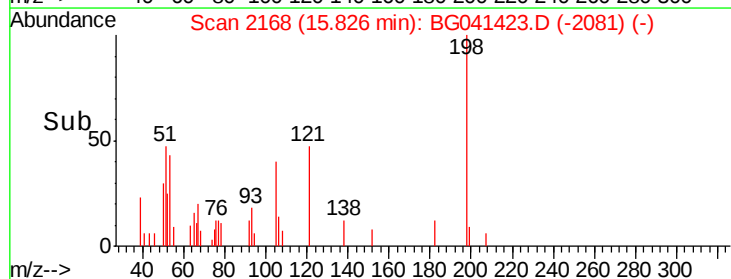
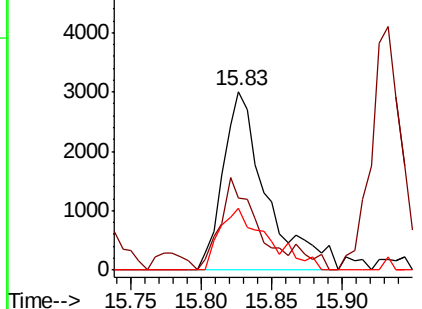
Tgt Ion:	198	Resp:	6419
Ion Ratio	Lower	Upper	
198	100		
51	40.6	23.4	63.4
105	34.7	15.8	55.8

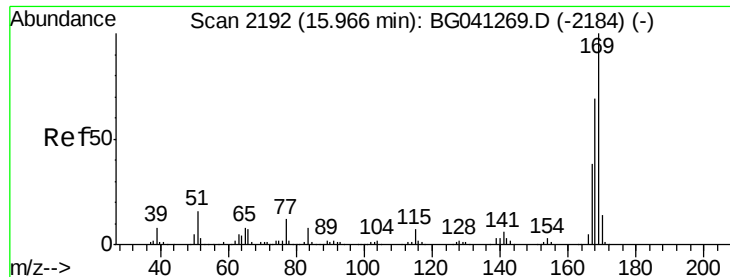


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 8.161 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.03 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Instrument :

BNA_G

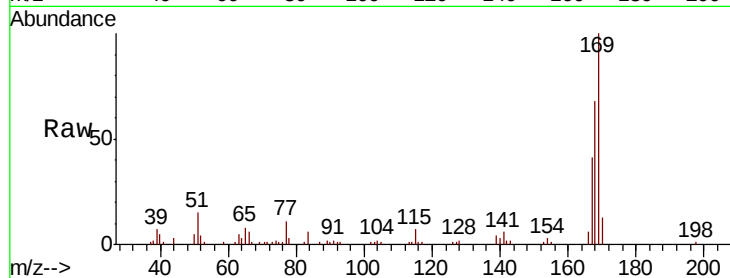
ClientSampleId :

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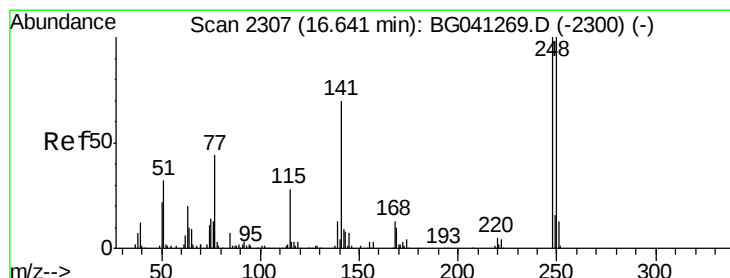
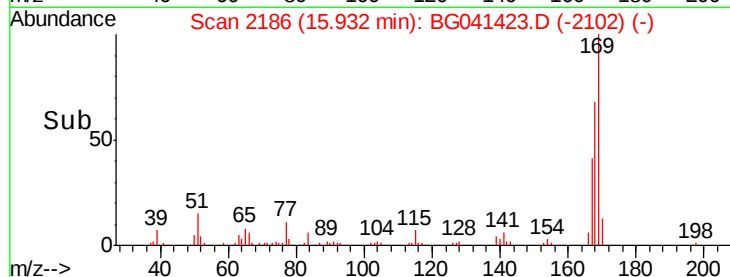
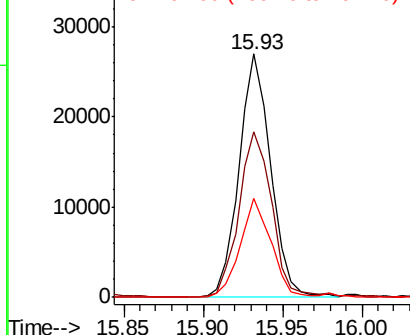
Tot Ion:	169	Resp:	37354
Ion Ratio	Lower	Upper	
169	100		
168	68.0	55.2	82.8
167	40.6	30.4	45.6

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 7.554 ng

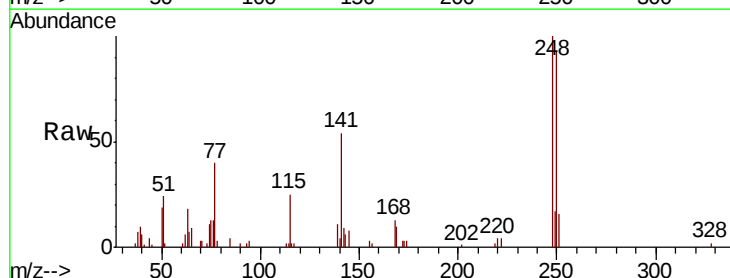
RT: 16.61 min Scan# 2302

Delta R.T. -0.03 min

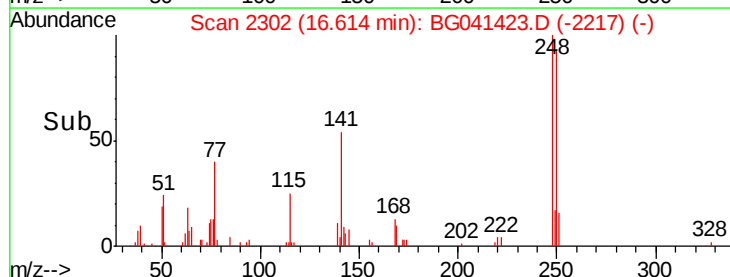
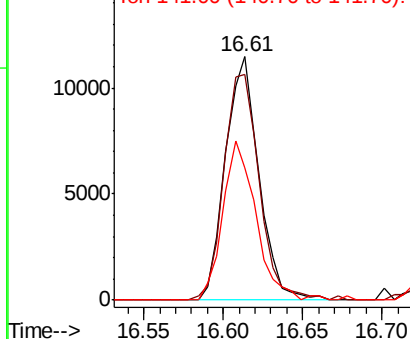
Lab File: BG041423.D

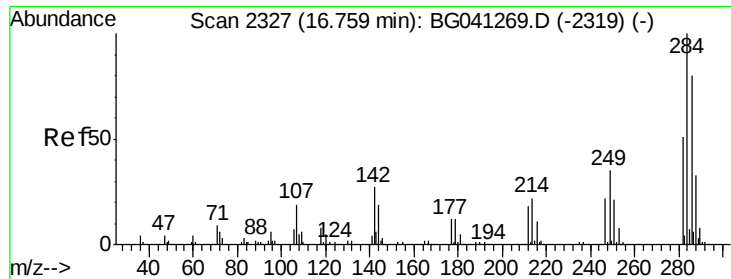
Acq: 24 Jun 2019 15:12

Tgt Ion:	248	Resp:	16837
Ion Ratio	Lower	Upper	
248	100		
250	92.9	79.8	119.8
141	54.4	55.8	83.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 7.662 ng

RT: 16.73 min Scan# 2321

Delta R.T. -0.03 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Instrument :

BNA_G

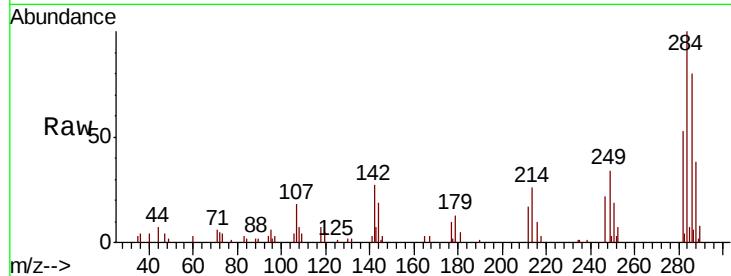
ClientSampleId :

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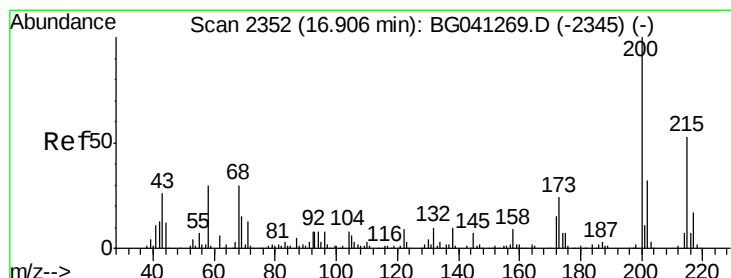
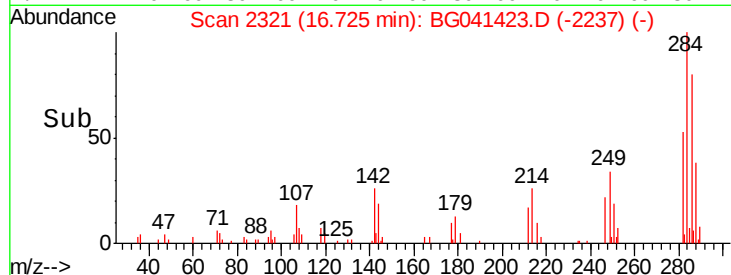
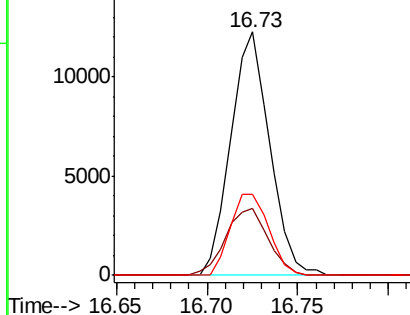
Tot Ion:	284	Resp:	18287
Ion Ratio	Lower	Upper	
284	100		
142	27.3	21.8	32.8
249	33.5	27.8	41.6

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 7.502 ng

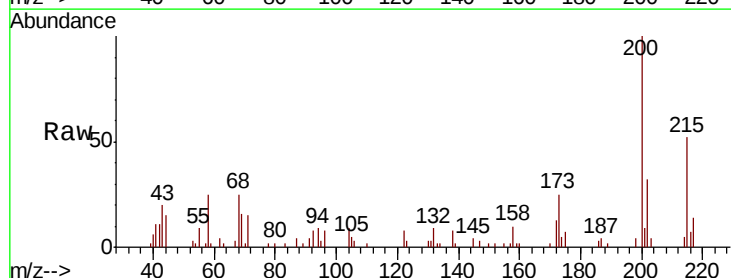
RT: 16.88 min Scan# 2347

Delta R.T. -0.03 min

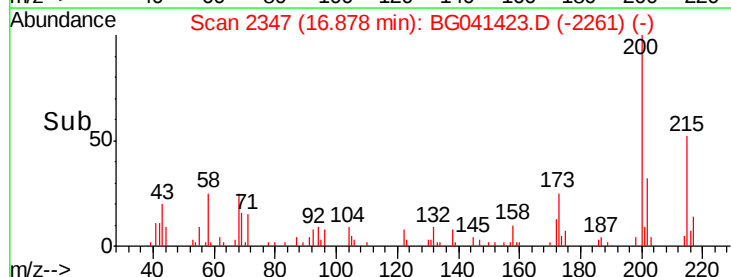
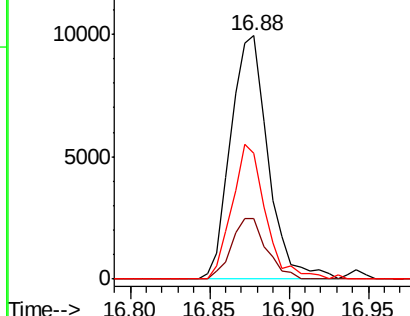
Lab File: BG041423.D

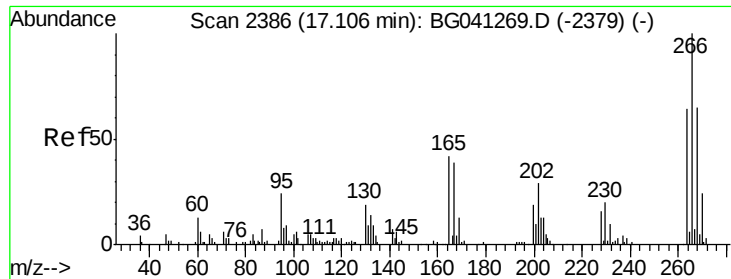
Acq: 24 Jun 2019 15:12

Tgt Ion:	200	Resp:	16239
Ion Ratio	Lower	Upper	
200	100		
173	24.8	4.0	44.0
215	51.7	33.4	73.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 4.261 ng

RT: 17.11 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Instrument :

BNA_G

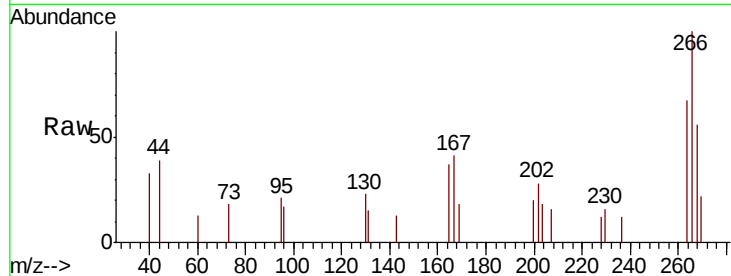
ClientSampleId :

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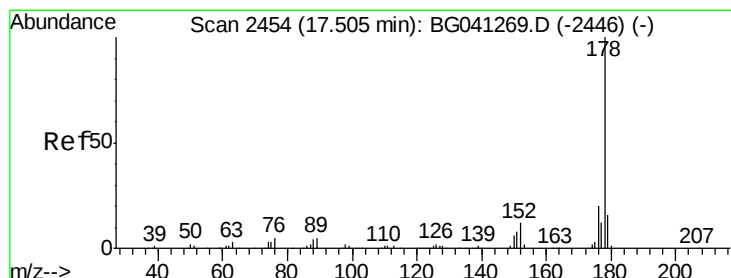
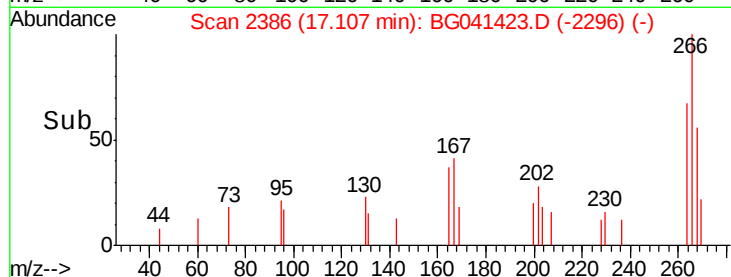
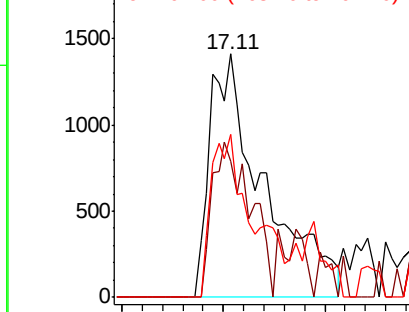
Tot Ion:	266	Resp:	5208
Ion Ratio	Lower	Upper	
266	100		
268	56.1	52.0	78.0
264	66.9	51.2	76.8

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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#71

Phenanthrene

Concen: 8.368 ng

RT: 17.47 min Scan# 2448

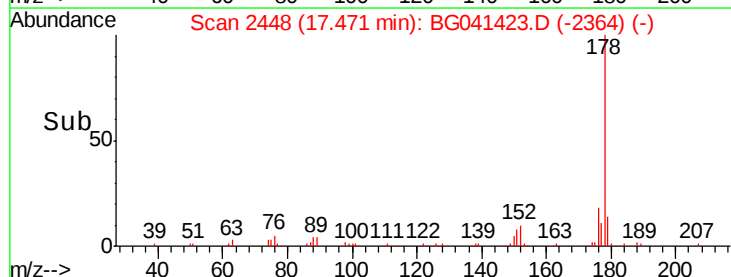
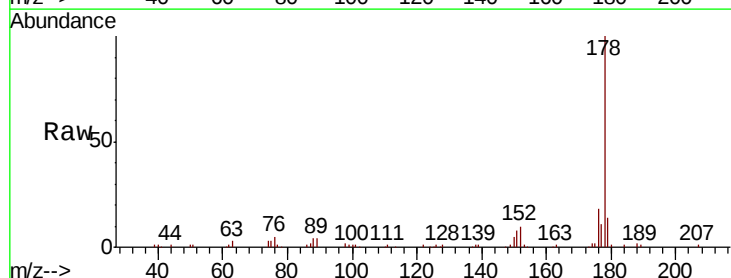
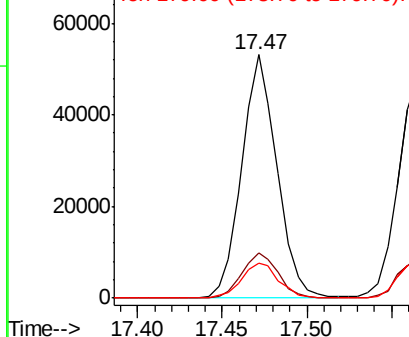
Delta R.T. -0.03 min

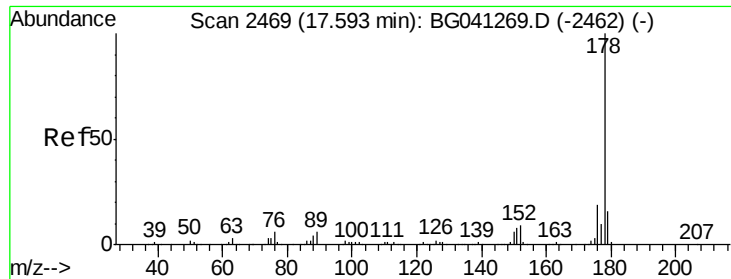
Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Tgt Ion:	178	Resp:	76936
Ion Ratio	Lower	Upper	
178	100		
176	18.4	16.1	24.1
179	14.5	12.9	19.3

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 8.656 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.03 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Instrument :

BNA_G

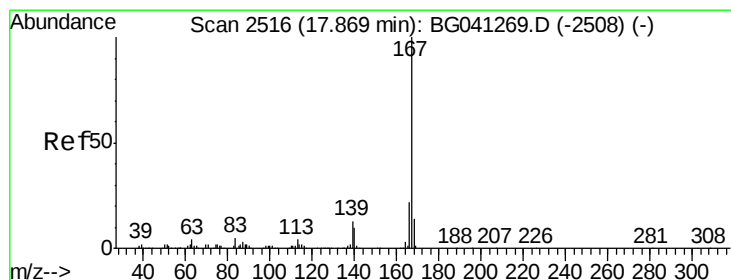
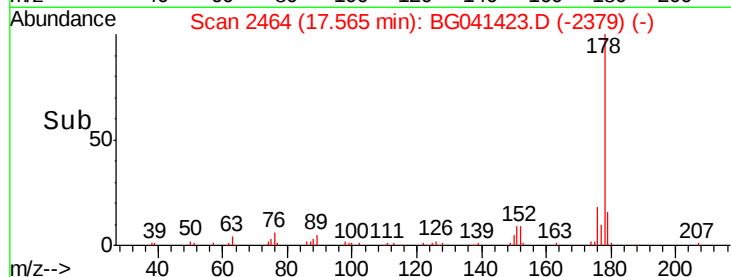
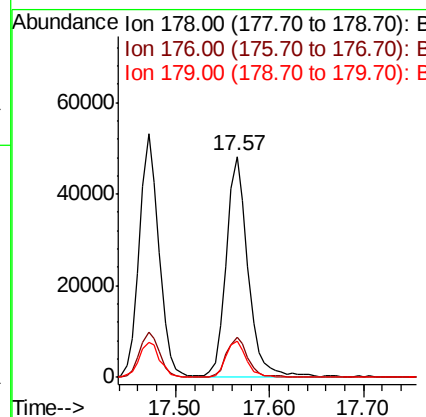
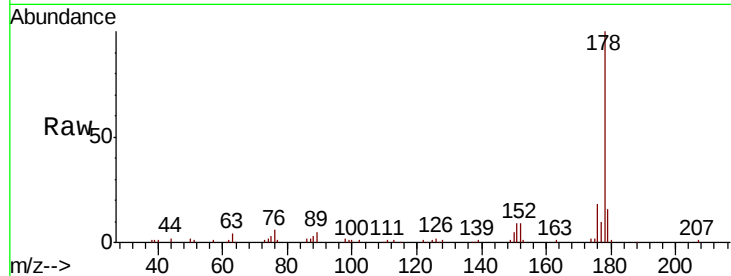
ClientSampleId :

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Tot Ion:	178	Resp:	78455
Ion Ratio	Lower	Upper	
178	100		
176	18.2	15.4	23.2
179	16.3	13.0	19.4

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#73

Carbazole

Concen: 7.926 ng

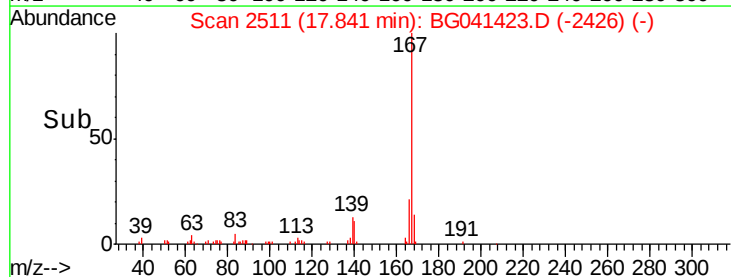
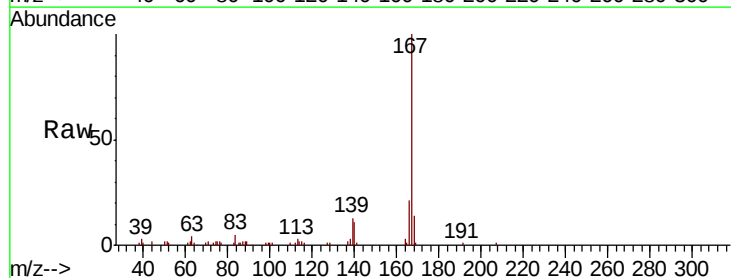
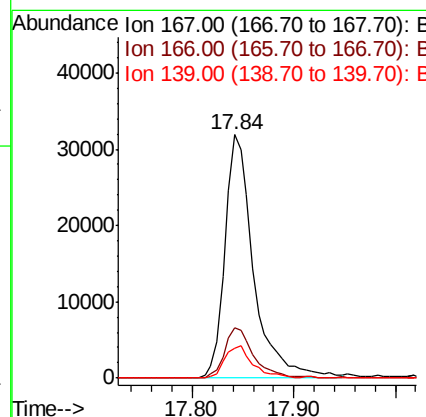
RT: 17.84 min Scan# 2511

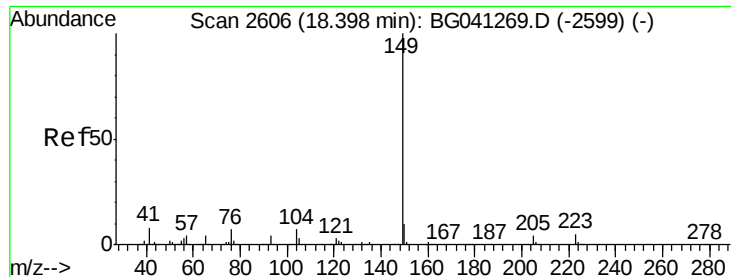
Delta R.T. -0.03 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Tgt Ion:	167	Resp:	62843
Ion Ratio	Lower	Upper	
167	100		
166	20.7	17.9	26.9
139	12.5	10.7	16.1





#74

Di-n-butylphthalate

Concen: 8.220 ng

RT: 18.36 min Scan# 2600

Delta R.T. -0.03 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Instrument :

BNA_G

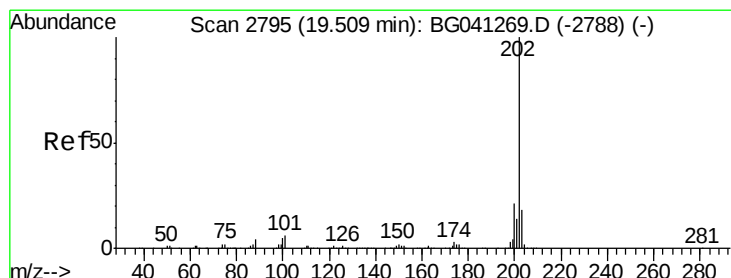
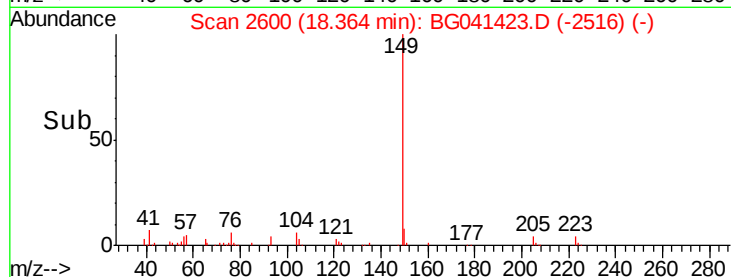
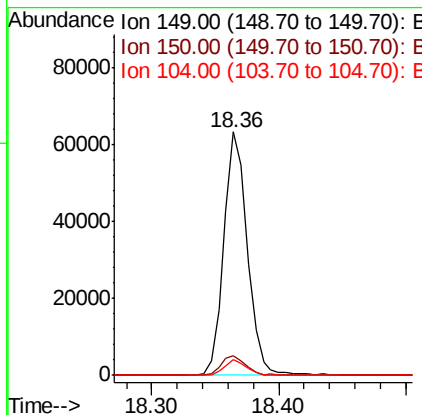
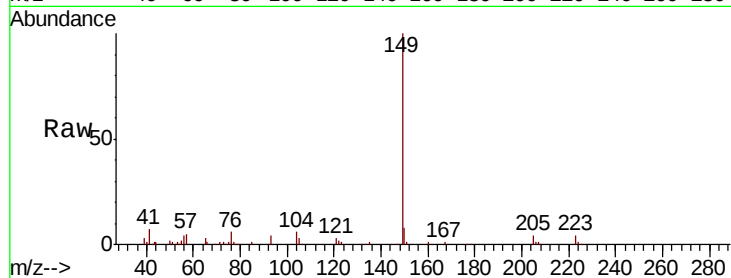
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	149	Resp:	81322
Ion Ratio	Lower	Upper	
149	100		
150	7.9	8.1	12.1#
104	6.5	5.4	8.0

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#75

Fluoranthene

Concen: 8.526 ng

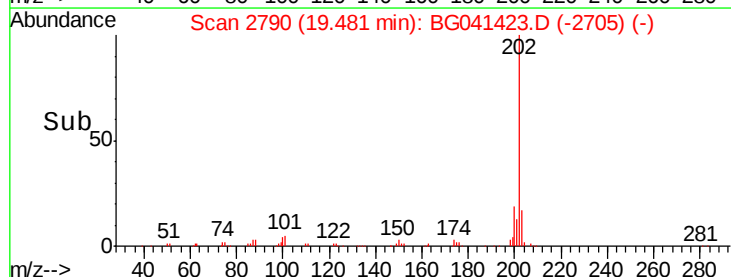
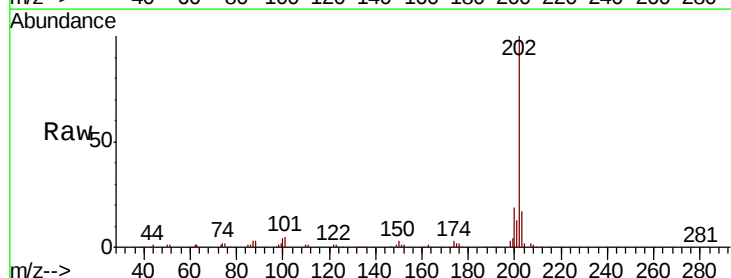
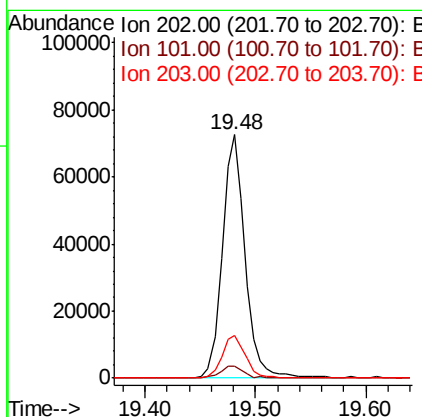
RT: 19.48 min Scan# 2790

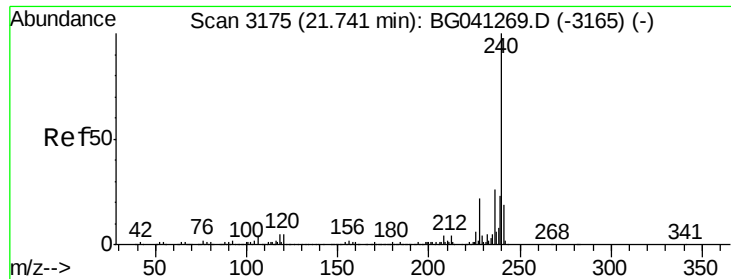
Delta R.T. -0.03 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Tgt Ion:	202	Resp:	104129
Ion Ratio	Lower	Upper	
202	100		
101	4.8	0.0	26.0
203	17.3	0.0	37.7





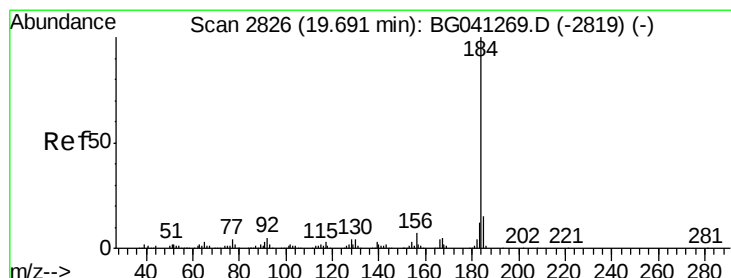
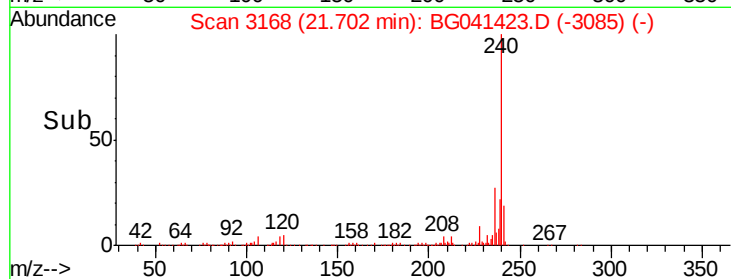
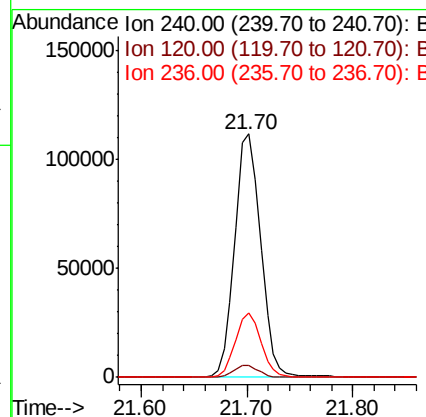
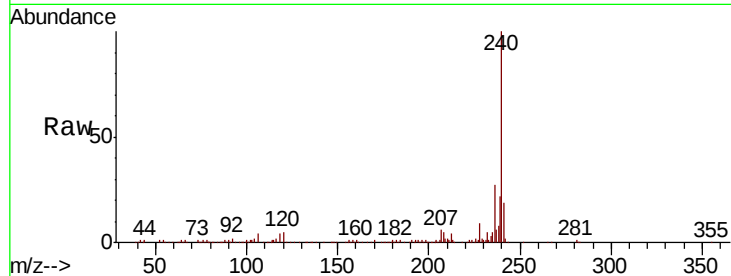
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.7	5.5
236	26.7	21.1	31.7

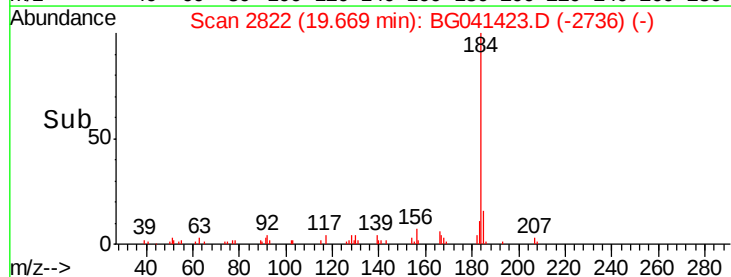
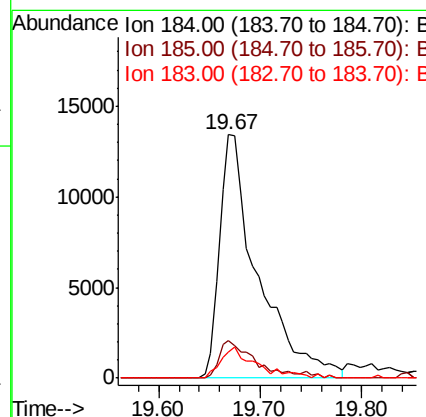
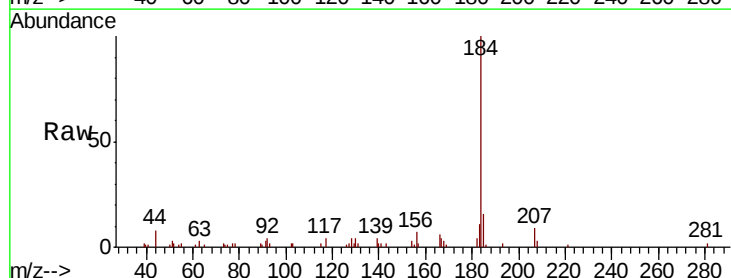
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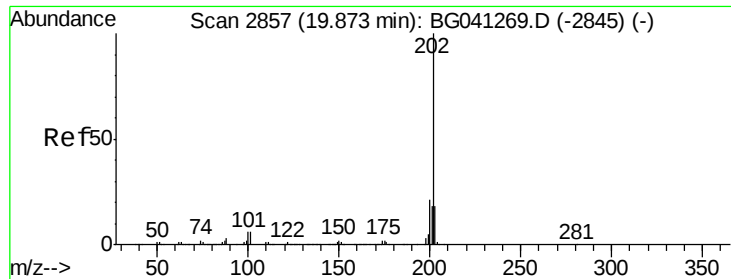
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#77
Benzidine
Concen: 7.595 ng
RT: 19.67 min Scan# 2822
Delta R.T. -0.02 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.2	18.2
183	10.7	9.6	14.4





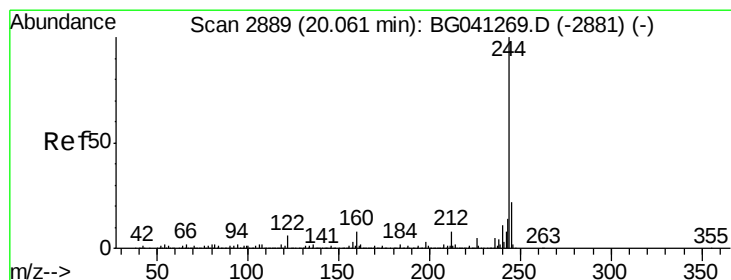
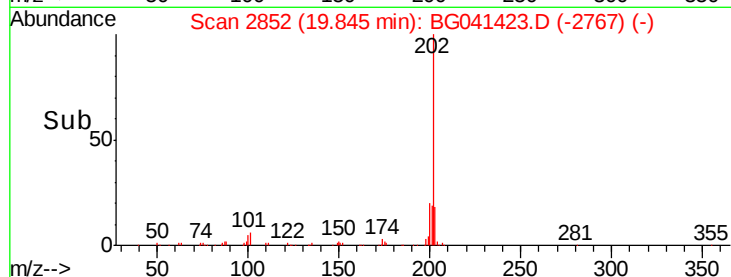
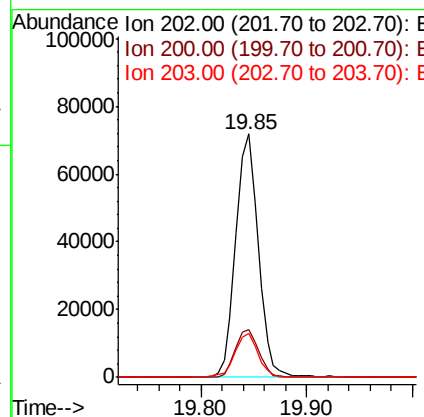
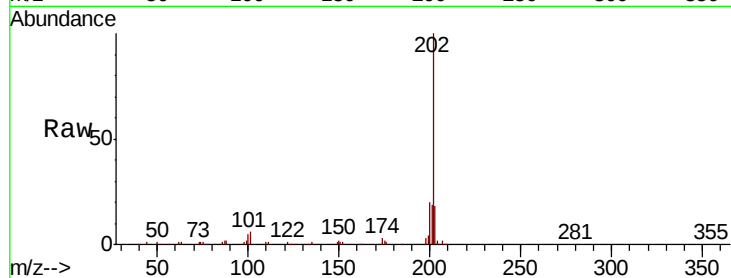
#78
Pvrene
Concen: 8.273 ng
RT: 19.85 min Scan# 2852
Delta R.T. -0.03 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.7	16.8	25.2
203	18.2	14.6	21.8

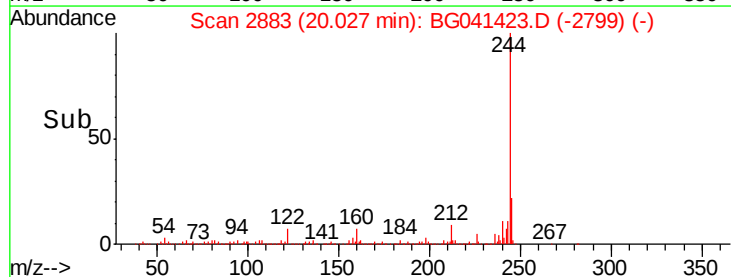
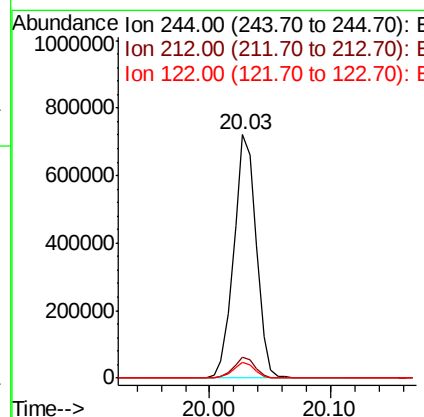
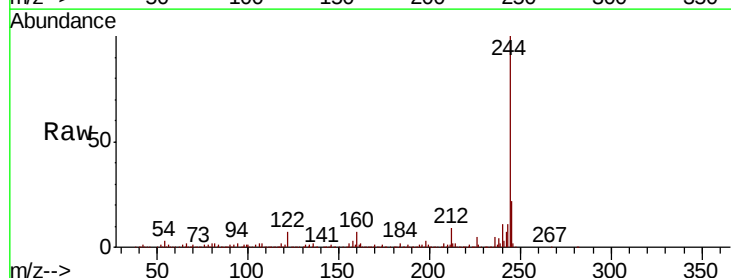
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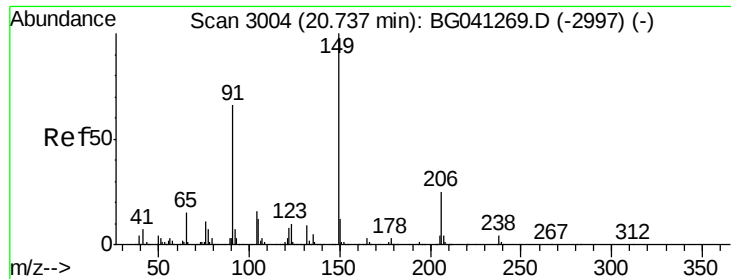
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#79
Terphenyl-d14
Concen: 96.744 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.03 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.6	6.6	10.0
122	6.5	5.0	7.4





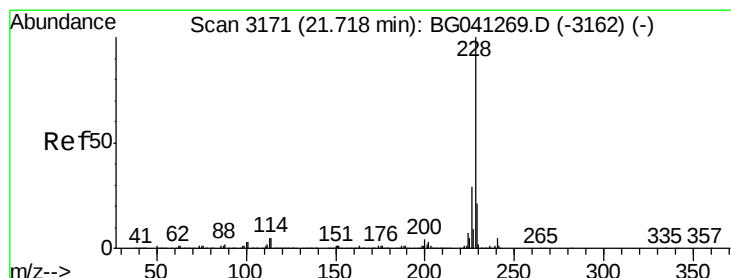
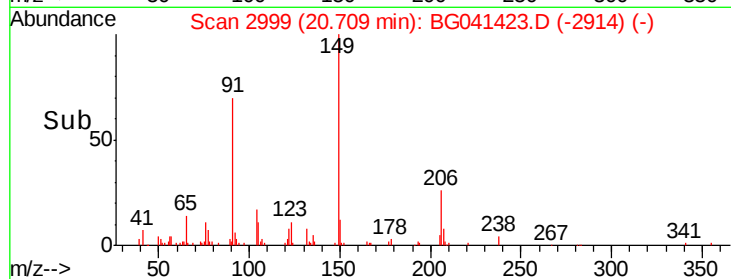
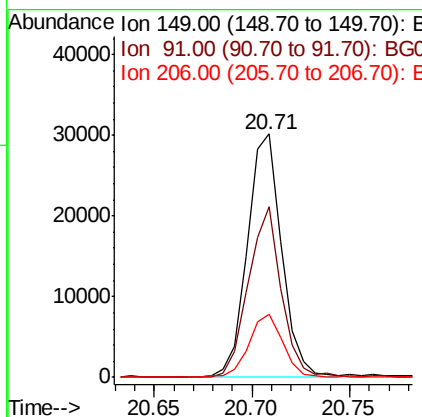
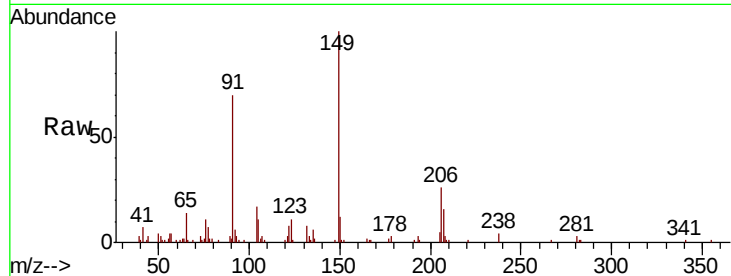
#80
Butylbenzylphthalate
Concen: 7.542 ng
RT: 20.71 min Scan# 2999
Delta R.T. -0.03 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.0	53.2	79.8
206	25.8	20.3	30.5

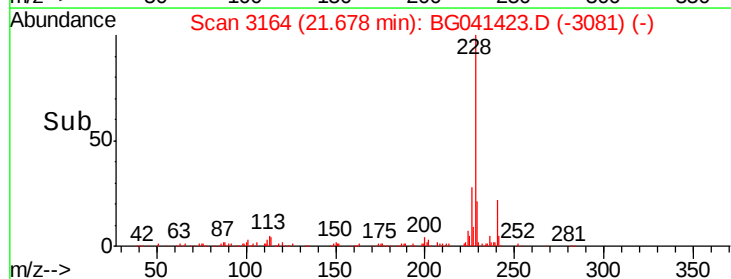
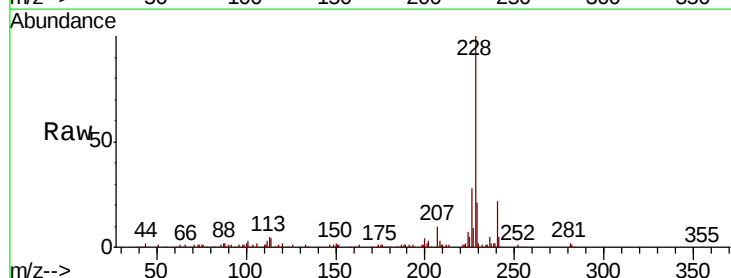
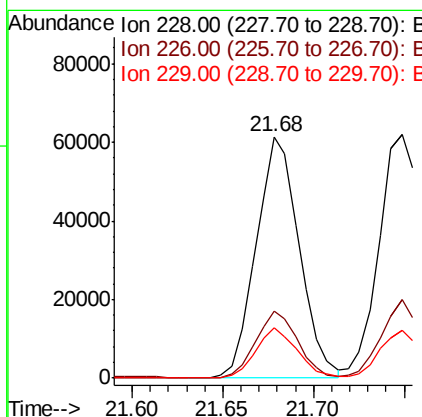
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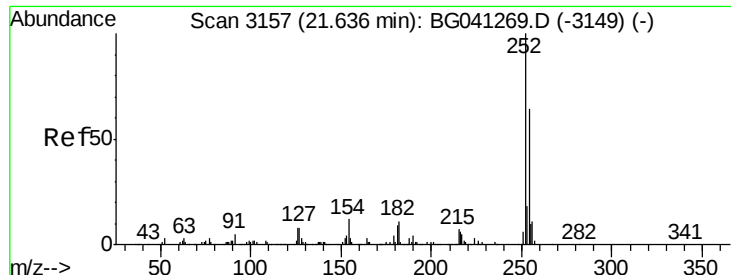
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#81
Benzo(a)anthracene
Concen: 7.840 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.04 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.2	34.8
229	20.8	16.8	25.2





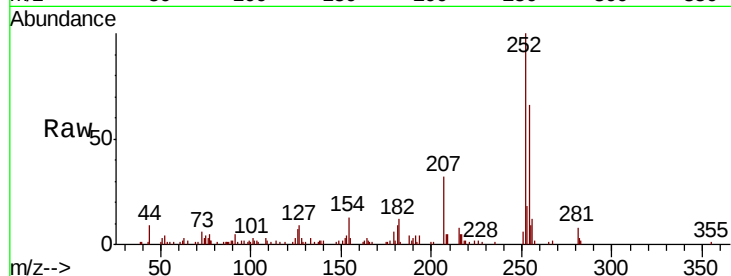
#82
 3,3'-Dichlorobenzidine
 Concen: 7.924 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.03 min
 Lab File: BG041423.D
 Acq: 24 Jun 2019 15:12

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.4	77.0
126	7.3	6.0	9.0

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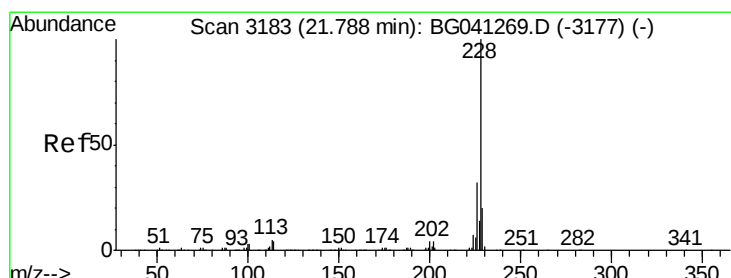
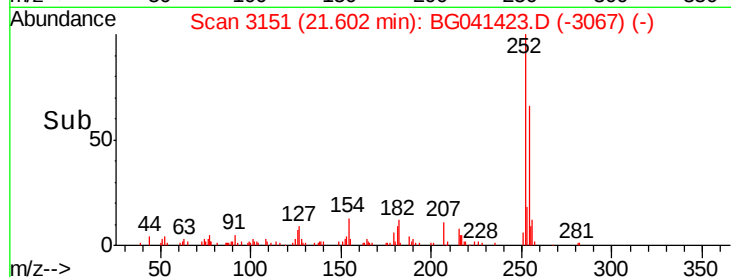
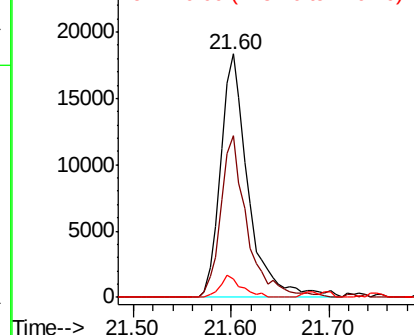


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 8.401 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.04 min
 Lab File: BG041423.D
 Acq: 24 Jun 2019 15:12

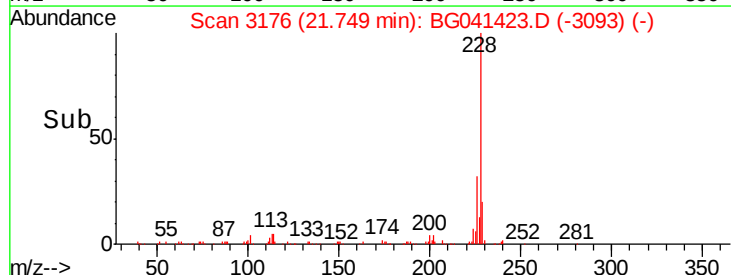
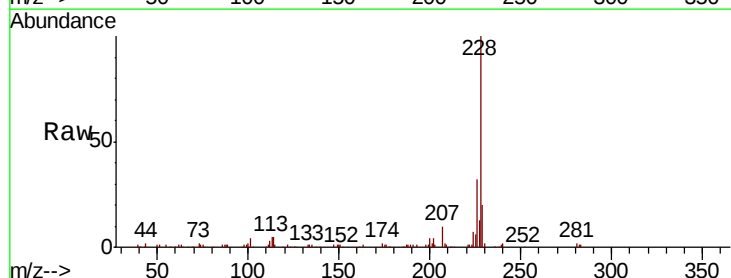
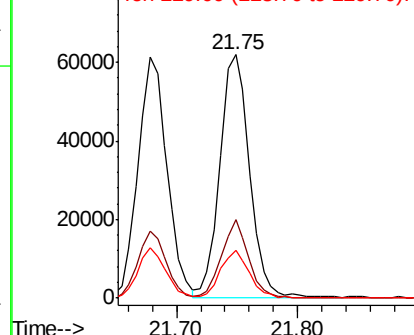
Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.4	38.0
229	19.6	16.2	24.2

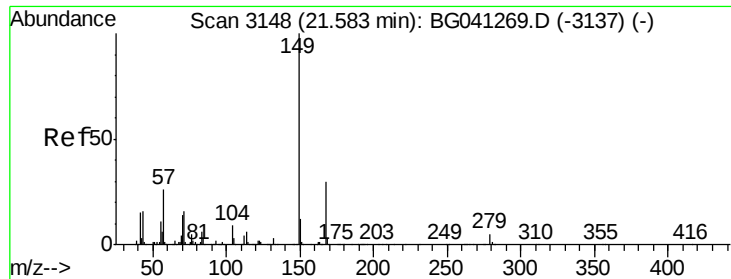
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 7.571 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.04 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Instrument :

BNA_G

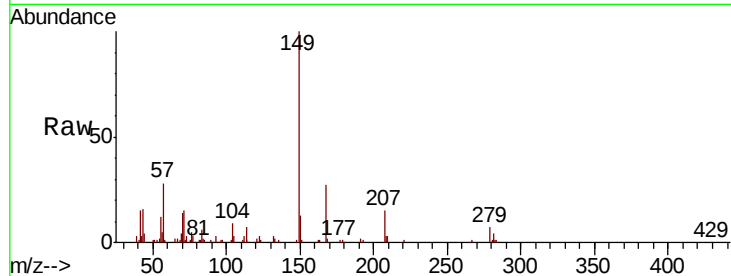
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

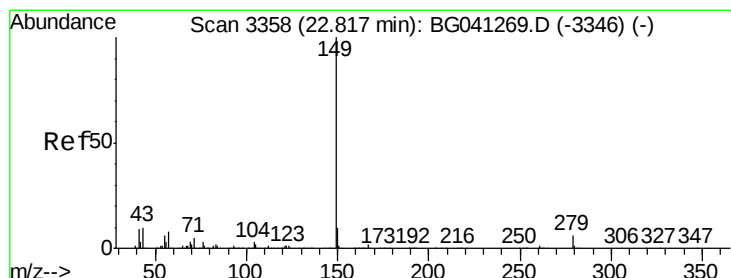
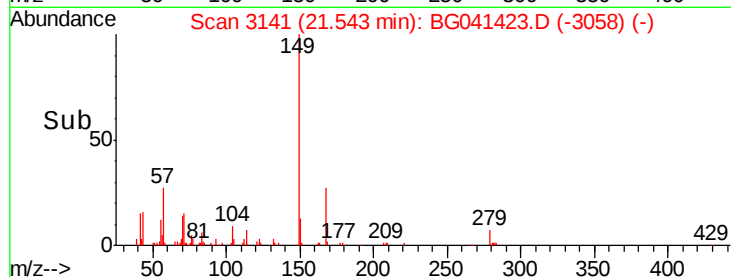
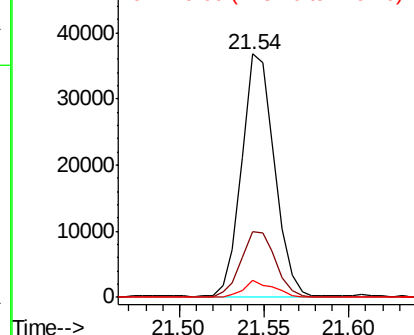
Tot Ion:	149	Resp:	50269
Ion Ratio	Lower	Upper	
149	100		
167	27.1	23.8	35.8
279	7.1	4.4	6.6

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



#85

Di-n-octyl phthalate

Concen: 7.622 ng

RT: 22.77 min Scan# 3349

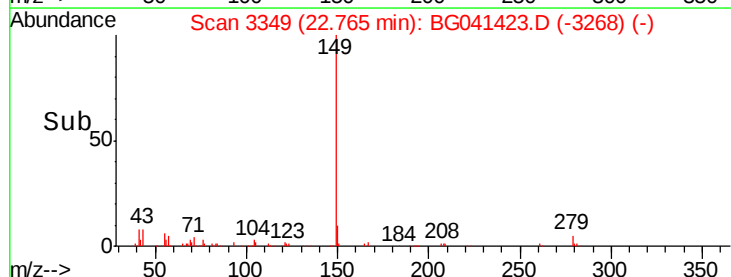
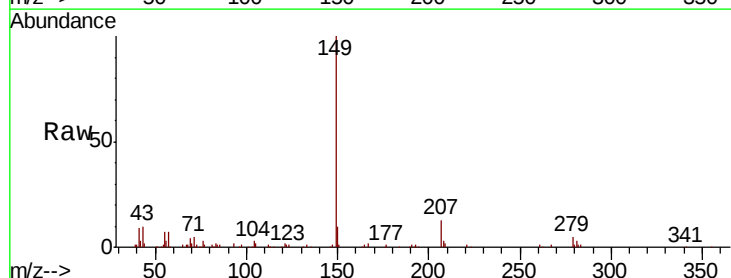
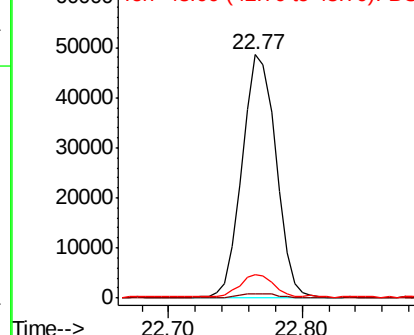
Delta R.T. -0.05 min

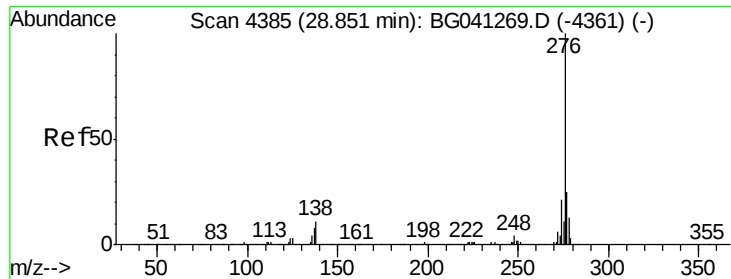
Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Tgt Ion:	149	Resp:	85625
Ion Ratio	Lower	Upper	
149	100		
167	2.0	1.4	2.0
43	9.0	8.2	12.2

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC





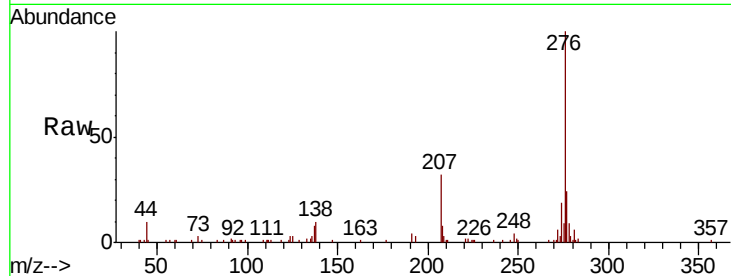
#86
Indeno(1,2,3-cd)pyrene
Concen: 7.245 ng
RT: 28.75 min Scan# 4368
Delta R.T. -0.10 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.1	7.7	11.5#
277	25.5	20.6	31.0

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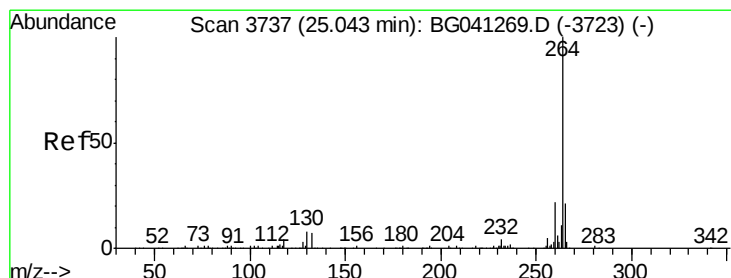
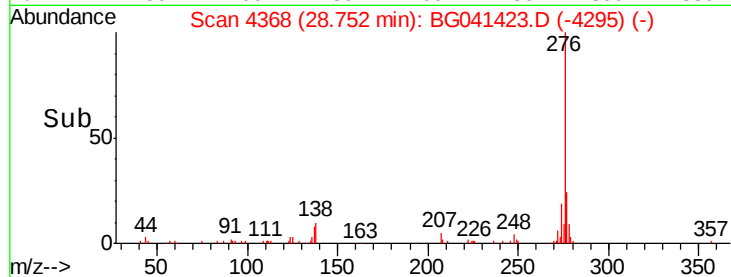
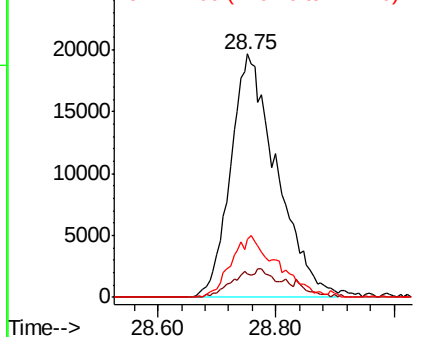


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3727
Delta R.T. -0.06 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

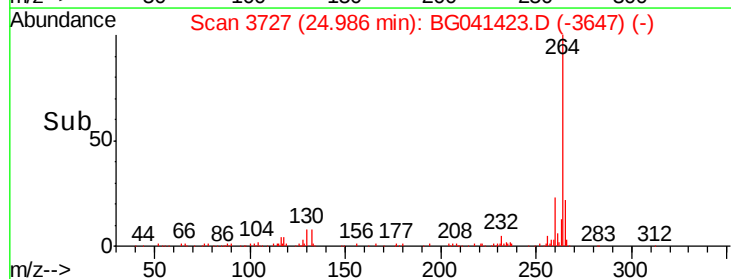
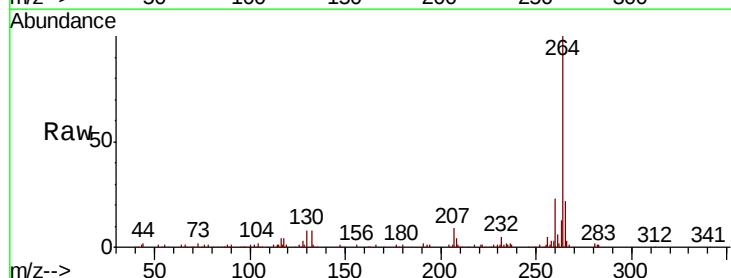
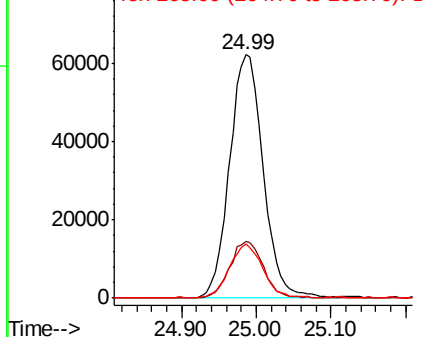
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.2
265	22.5	17.2	25.8

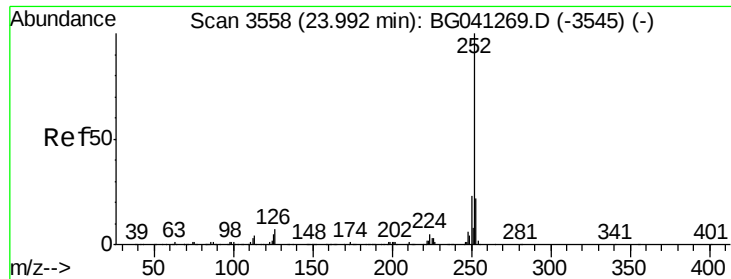
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 7.971 ng

RT: 23.93 min Scan# 3548

Delta R.T. -0.06 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

Instrument :

BNA_G

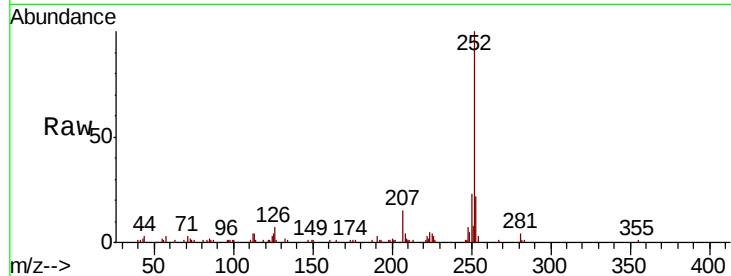
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	252	Resp:	96002
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.0
125	4.0	3.9	5.9

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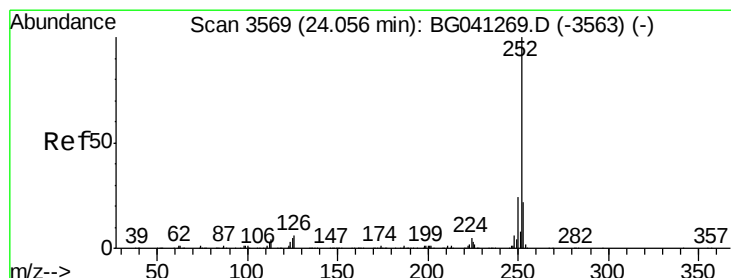
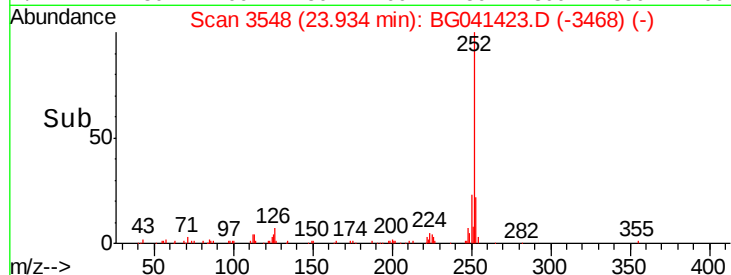
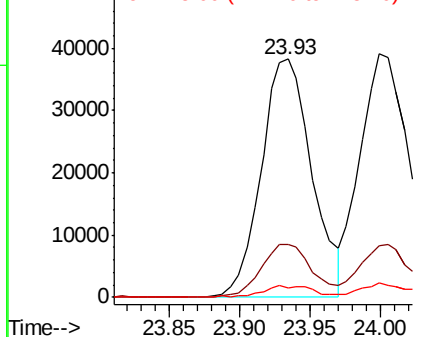


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 8.257 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.06 min

Lab File: BG041423.D

Acq: 24 Jun 2019 15:12

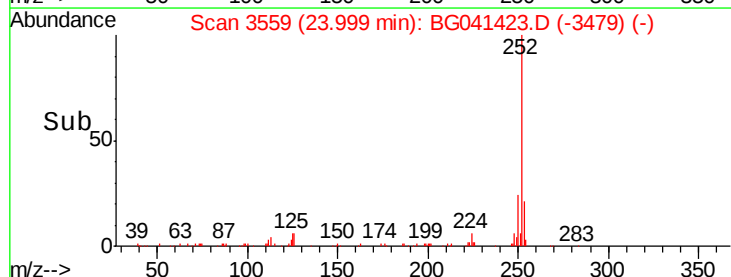
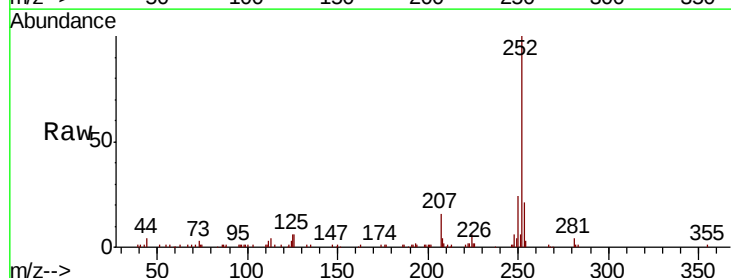
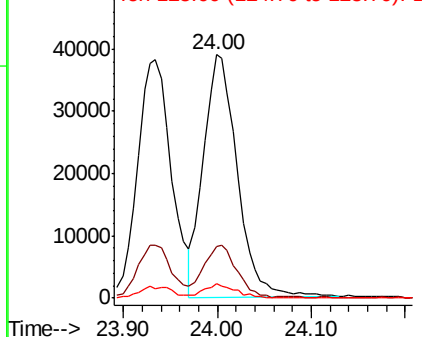
Tgt Ion:	252	Resp:	98516
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.0	27.0
125	5.8	4.3	6.5

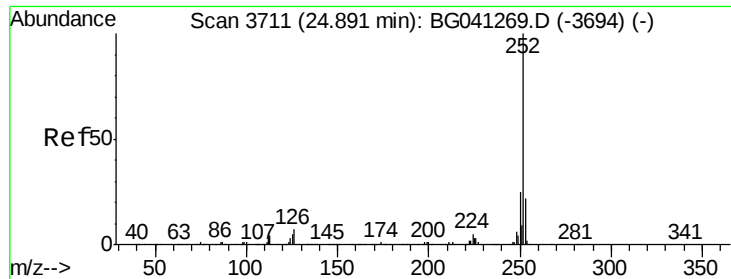
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





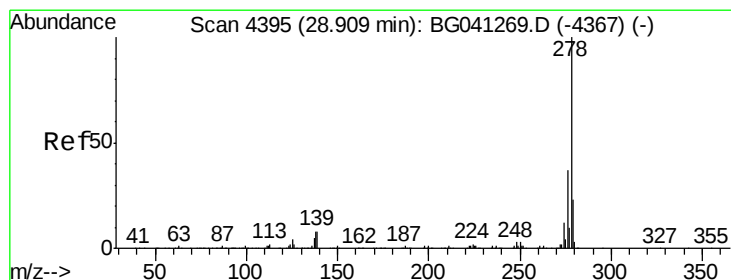
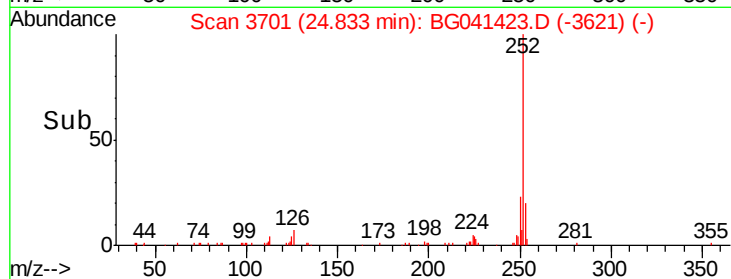
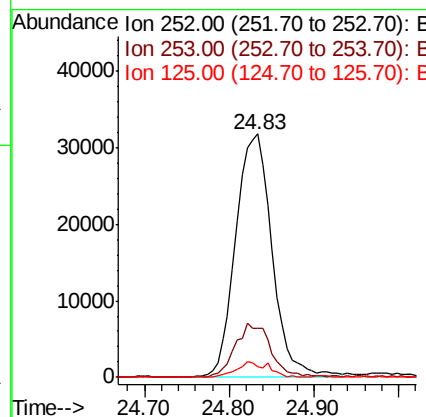
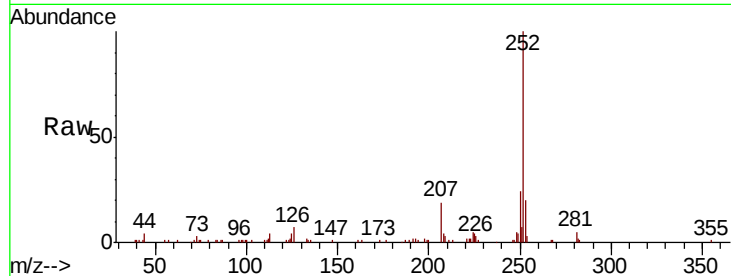
#90
Benzo(a)pyrene
Concen: 8.360 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.06 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.8	26.6
125	4.4	4.2	6.4

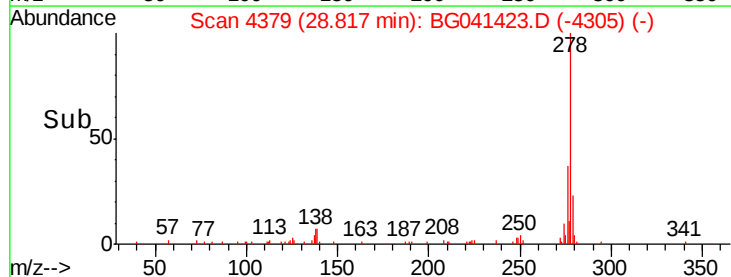
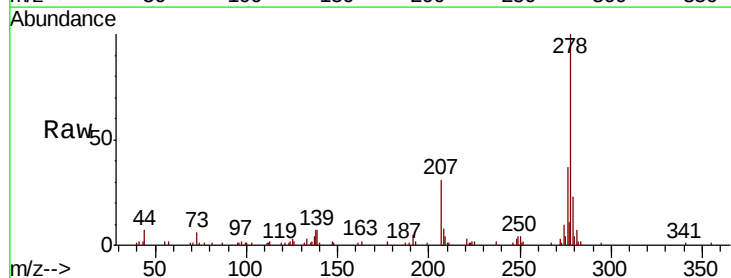
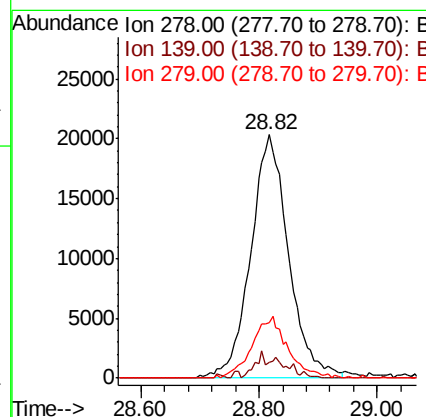
Manual Integrations
APPROVED

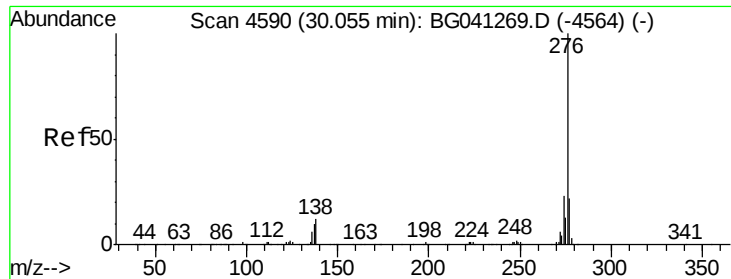
mohammad
6/28/2019 8:24:27 AM



#91
Dibenzo(a,h)anthracene
Concen: 7.903 ng
RT: 28.82 min Scan# 4379
Delta R.T. -0.09 min
Lab File: BG041423.D
Acq: 24 Jun 2019 15:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	6.5	6.6	10.0#
279	22.5	18.5	27.7





#92
 Benzo(a,h,i)perylene
 Concen: 8.130 ng
 RT: 29.93 min Scan# 4569
 Delta R.T. -0.12 min
 Lab File: BG041423.D
 Acq: 24 Jun 2019 15:12

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Tot Ion:	276	Resp:	92000
Ion Ratio	Lower	Upper	
276	100		
277	22.6	17.9	26.9
138	9.6	9.4	14.0

Manual Integrations
 APPROVED

mohammad
 6/28/2019 8:24:27 AM

