

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036149.D
 Acq On : 7 Aug 2018 5:56
 Operator : JU/SJ
 Sample : J4277-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMSD

Manual Integrations
 APPROVED

Sohil
 8/7/2018 6:54:33 PM

Quant Time: Aug 07 07:25:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	39090	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	141965	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	110179	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	300660	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	282169	20.00	ng	-0.01
86) Perylene-d12	24.82	264	273122	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	331340	140.73	ng	0.00
7) Phenol-d6	7.19	99	448740	127.74	ng	0.00
23) Nitrobenzene-d5	9.17	82	358437	105.47	ng	-0.01
41) 2,4,6-Tribromophenol	16.13	330	304230	209.49	ng	-0.01
44) 2-Fluorobiphenyl	13.26	172	843451	102.56	ng	-0.01
78) Terphenyl-d14	19.99	244	1459191	113.99	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	36133	30.152	ng	# 72
3) Pyridine	3.92	79	100070	31.987	ng	# 77
4) n-Nitrosodimethylamine	3.82	42	48153	35.847	ng	# 81
6) Aniline	7.34	93	105358	23.139	ng	93
8) 2-Chlorophenol	7.58	128	113909	47.569	ng	94
9) Benzaldehyde	7.15	77	87553	40.620	ng	97
10) Phenol	7.22	94	148026	41.709	ng	94
11) bis(2-Chloroethyl)ether	7.43	93	116041	41.750	ng	91
12) 1,3-Dichlorobenzene	7.90	146	131140	45.350	ng	95
13) 1,4-Dichlorobenzene	8.05	146	136498	46.457	ng	95
14) 1,2-Dichlorobenzene	8.36	146	130935	46.388	ng	98
15) Benzyl Alcohol	8.26	79	138917	43.547	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.53	45	128190	55.013	ng	72
17) 2-Methylphenol	8.46	107	116557	48.304	ng	# 89
18) Hexachloroethane	9.09	117	51577	45.911	ng	90
19) n-Nitroso-di-n-propylamine	8.81	70	111940	37.841	ng	# 87
20) 3+4-Methylphenols	8.79	107	155116	46.338	ng	95
22) Acetophenone	8.83	105	209040	47.351	ng	# 92
24) Nitrobenzene	9.21	77	171635	50.220	ng	91
25) Isophorone	9.74	82	328740	52.111	ng	99
26) 2-Nitrophenol	9.93	139	71982	59.303	ng	# 91
27) 2,4-Dimethylphenol	9.98	122	123981	60.342	ng	87
28) bis(2-Chloroethoxy)methane	10.21	93	171522	49.343	ng	93
29) 2,4-Dichlorophenol	10.47	162	144117	61.447	ng	93
30) 1,2,4-Trichlorobenzene	10.67	180	154425	53.695	ng	99
31) Naphthalene	10.87	128	400024	54.093	ng	99
32) Benzoic acid	10.16	122	46699m	33.763	ng	
33) 4-Chloroaniline	11.01	127	18194	5.645	ng	98
34) Hexachlorobutadiene	11.14	225	125295	55.870	ng	95
35) Caprolactam	11.78	113	40572m	40.310	ng	
36) 4-Chloro-3-methylphenol	12.10	107	188110	59.836	ng	93
37) 2-Methylnaphthalene	12.46	142	302042	54.823	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	213702	51.389	ng	99
40) Hexachlorocyclopentadiene	12.81	237	249006	114.175	ng	94

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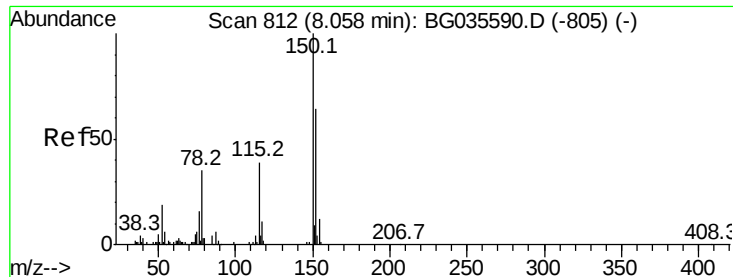
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	146970	60.434	nq	97
43) 2,4,5-Trichlorophenol	13.16	196	167691	61.638	nq	98
45) 1,1'-Biphenyl	13.47	154	427712	50.071	nq	96
46) 2-Chloronaphthalene	13.51	162	340645	51.268	nq	99
47) 2-Nitroaniline	13.72	65	129546	55.149	nq	97
48) Acenaphthylene	14.36	152	583941	52.465	nq	97
49) Dimethylphthalate	14.10	163	514655	53.314	nq	97
50) 2,6-Dinitrotoluene	14.21	165	121754	61.937	nq	90
51) Acenaphthene	14.70	154	344051	49.622	nq	97
52) 3-Nitroaniline	14.55	138	54807	27.279	nq	# 92
53) 2,4-Dinitrophenol	14.76	184	88785	87.185	nq	# 71
54) Dibenzofuran	15.04	168	588983	53.414	nq	92
55) 4-Nitrophenol	14.87	139	113295	79.180	nq	# 83
56) 2,4-Dinitrotoluene	15.01	165	181468	64.346	nq	# 88
57) Fluorene	15.68	166	510898	55.280	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.27	232	176194	67.547	nq	91
59) Diethylphthalate	15.45	149	547719	55.180	nq	98
60) 4-Chlorophenyl-phenylether	15.67	204	302651	55.717	nq	97
61) 4-Nitroaniline	15.72	138	98287	46.766	nq	# 71
62) Azobenzene	15.97	77	525222	53.643	nq	95
64) 4,6-Dinitro-2-methylphenol	15.77	198	90740	54.216	nq	82
65) n-Nitrosodiphenylamine	15.89	169	471076	55.046	nq	98
66) 4-Bromophenyl-phenylether	16.57	248	215186	61.690	nq	100
67) Hexachlorobenzene	16.69	284	219023	60.973	nq	94
68) Atrazine	16.84	200	196192	55.680	nq	96
69) Pentachlorophenol	17.04	266	173981	79.518	nq	95
70) Phenanthrene	17.43	178	819581	54.630	nq	97
71) Anthracene	17.51	178	832555	55.733	nq	98
72) Carbazole	17.79	167	652912	46.023	nq	98
73) Di-n-butylphthalate	18.33	149	816801	48.722	nq	# 98
74) Fluoranthene	19.43	202	943210	46.675	nq	97
76) Benzidine	19.61	184	366787	49.444	nq	100
77) Pyrene	19.79	202	944618	52.944	nq	97
79) Butylbenzylphthalate	20.67	149	361823	56.709	nq	97
80) Benzo(a)anthracene	21.62	228	940693	53.497	nq	100
81) 3,3'-Dichlorobenzidine	21.54	252	213361	34.799	nq	# 98
82) Chrysene	21.69	228	894089	54.870	nq	97
83) Bis(2-ethylhexyl)phthalate	21.52	149	487430	56.194	nq	# 96
84) Di-n-octyl phthalate	22.71	149	830711	57.197	nq	# 92
85) Indeno(1,2,3-cd)pyrene	28.46	276	1021100	56.601	nq	# 73
87) Benzo(b)fluoranthene	23.82	252	910606	54.855	nq	# 97
88) Benzo(k)fluoranthene	23.89	252	875864	53.969	nq	# 95
89) Benzo(a)pyrene	24.68	252	875752	56.706	nq	# 96
90) Dibenzo(a,h)anthracene	28.52	278	836770	55.190	nq	# 96
91) Benzo(g,h,i)perylene	29.60	276	857804	57.818	nq	# 93

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



#1

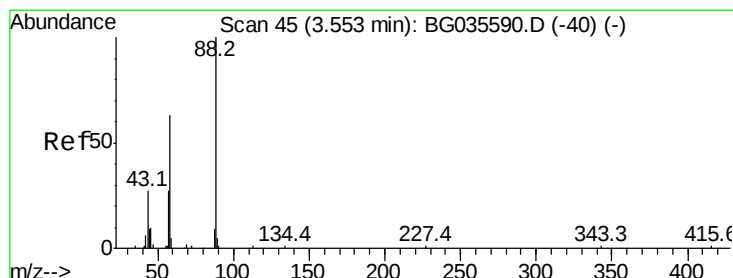
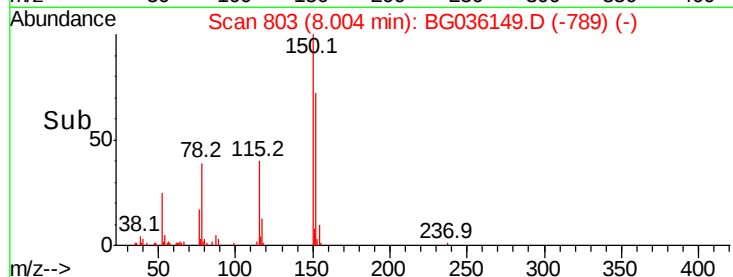
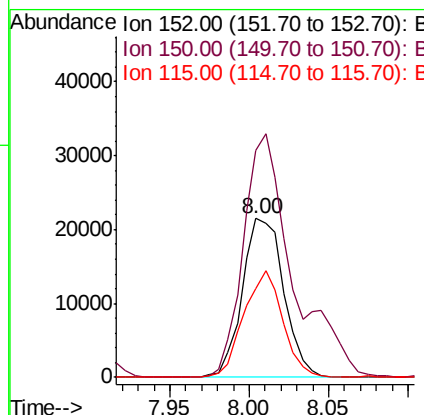
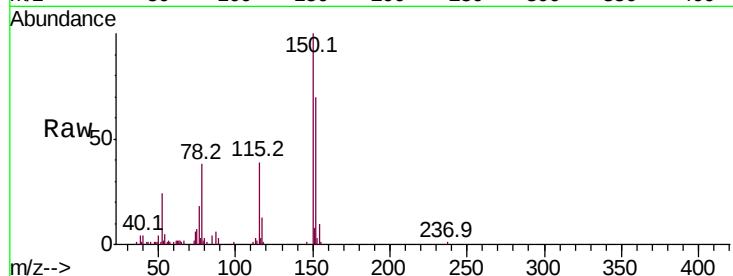
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.3	126.6	189.8
115	55.8	53.0	79.4

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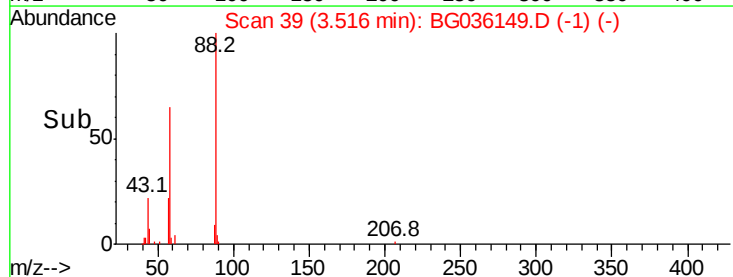
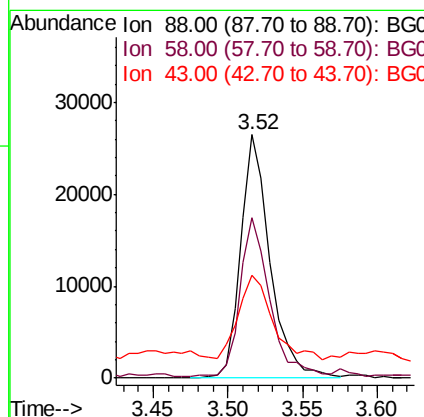
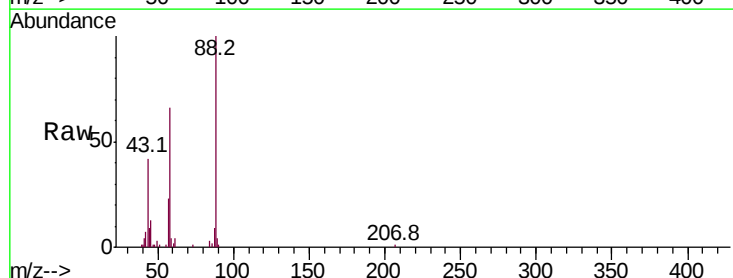
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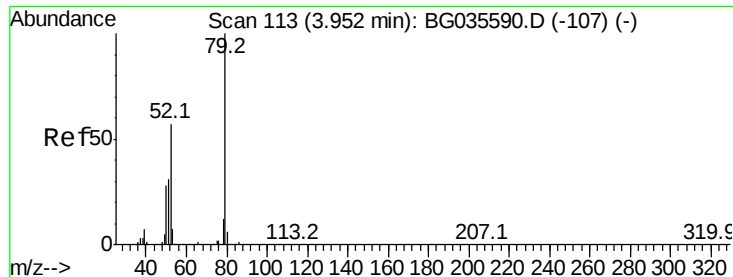


#2

1,4-Dioxane
Concen: 30.152 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.9	79.6	119.4#
43	39.8	27.4	41.0





#3

Pvridine

Concen: 31.987 ng

RT: 3.92 min Scan# 108

Delta R.T. 0.00 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Instrument :

BNA_G

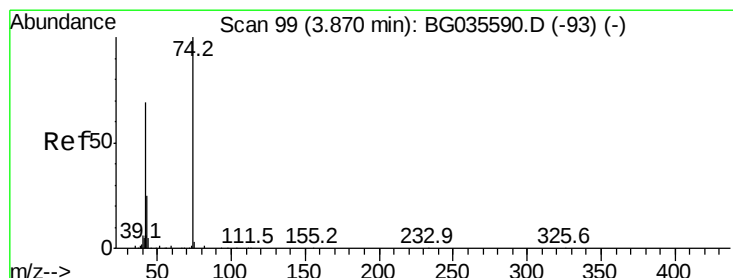
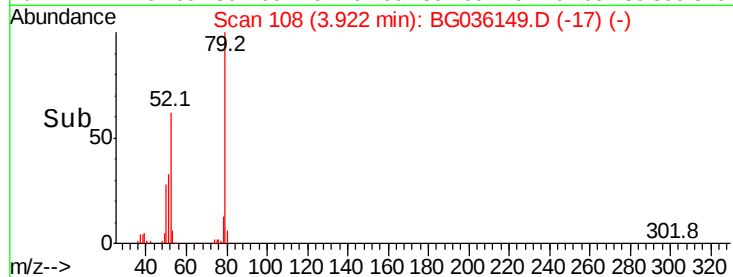
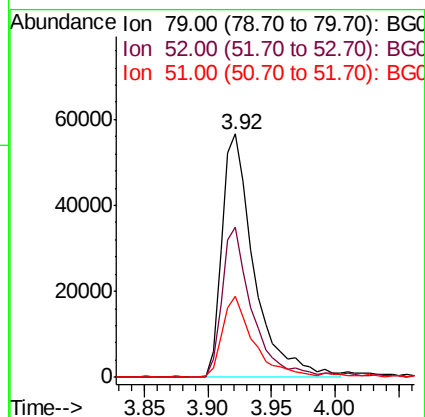
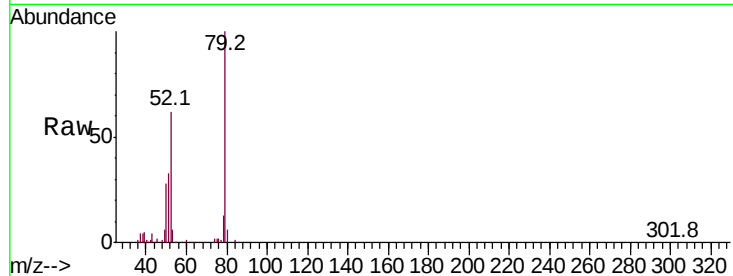
ClientSampleId :

OR-02-080318-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	61.7	69.9	104.9#		
51	33.4	34.0	51.0#		

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.847 ng

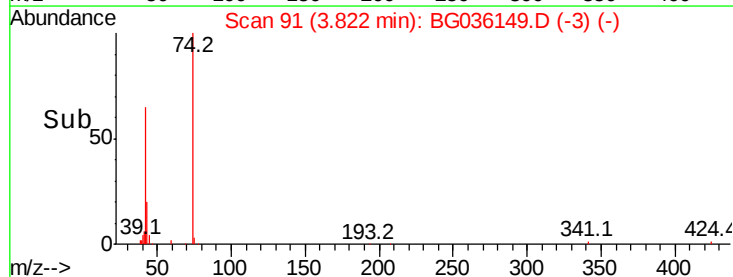
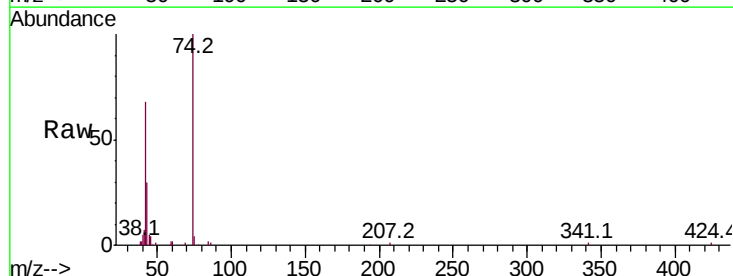
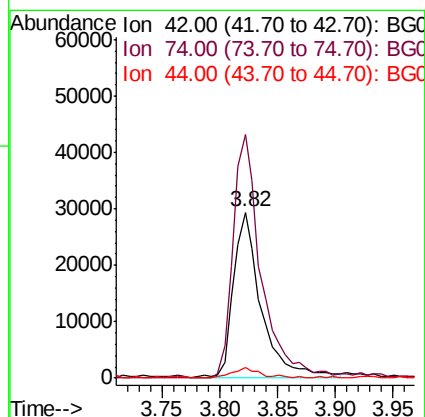
RT: 3.82 min Scan# 91

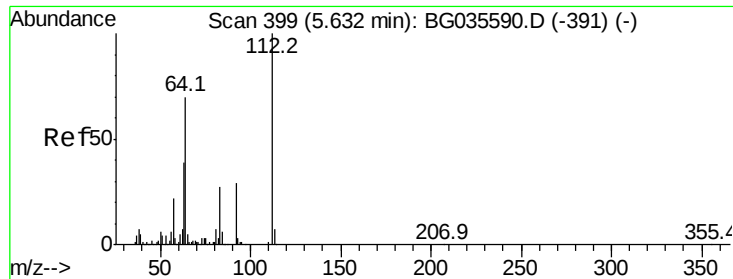
Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	146.8	102.5	153.7		
44	6.6	18.9	28.3#		





#5

2-Fluorophenol

Concen: 140.727 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Instrument :

BNA_G

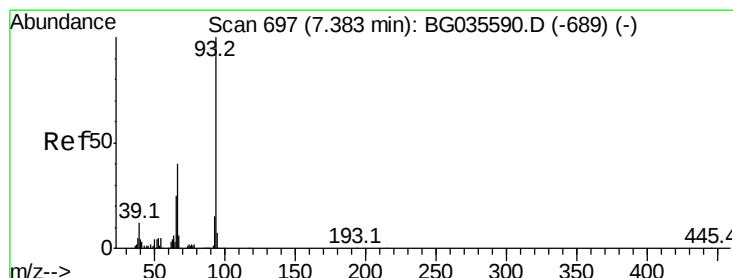
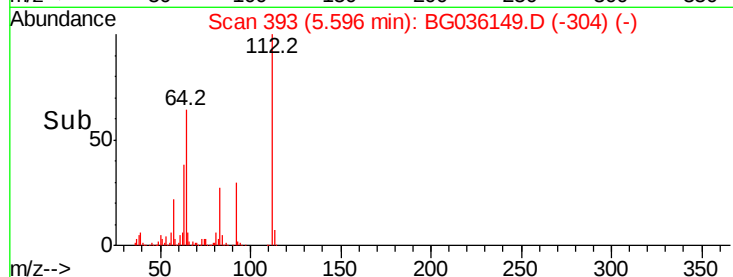
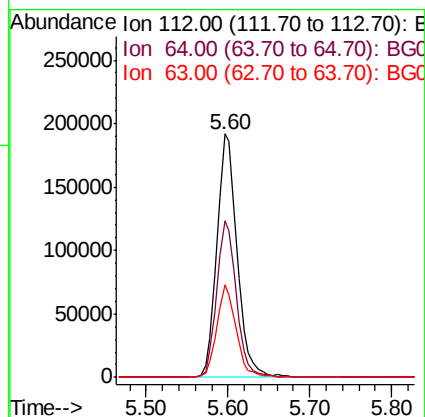
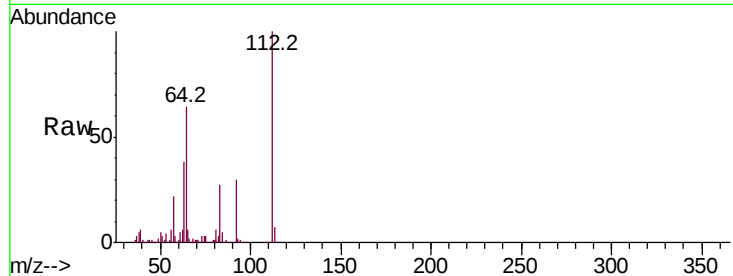
ClientSampleId :

OR-02-080318-AMSD

Tot Ion:	112	Resp:	331340
Ion Ratio	Lower	Upper	
112	100		
64	64.1	56.3	84.5
63	37.8	30.1	45.1

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#6

Aniline

Concen: 23.139 ng

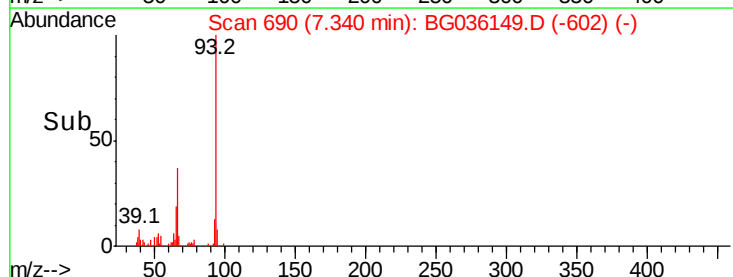
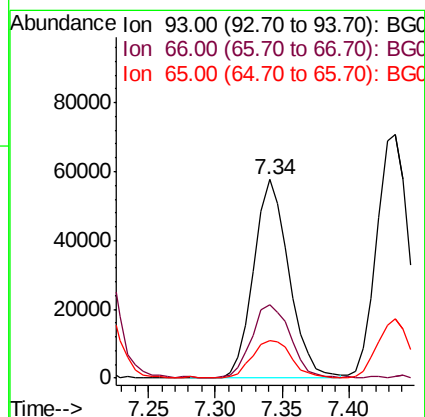
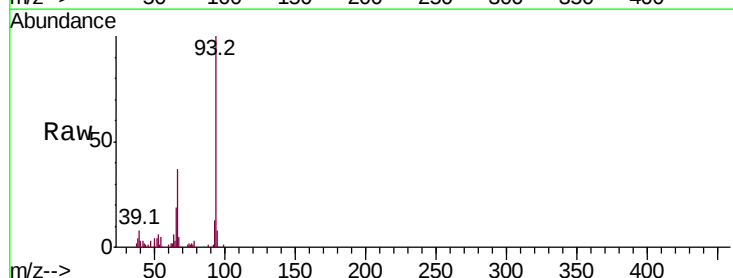
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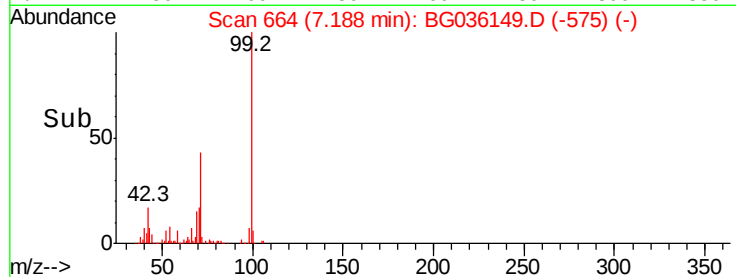
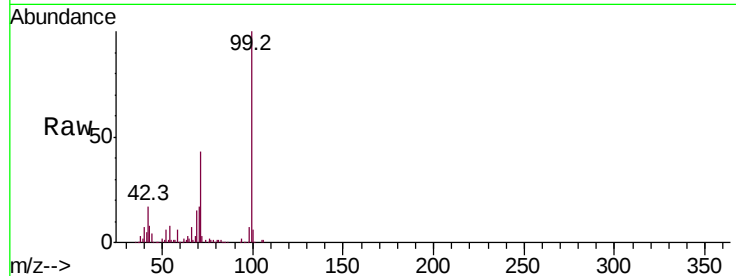
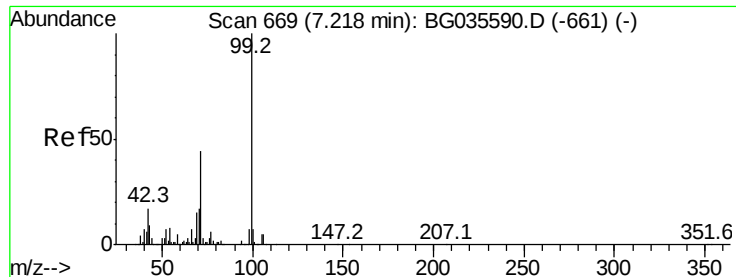
Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Tgt Ion:	93	Resp:	105358
Ion Ratio	Lower	Upper	
93	100		
66	36.8	33.7	50.5
65	18.8	16.1	24.1





#7

Phenol-d6

Concen: 127.742 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		448740		
42	16.9	14.1	21.1		
71	43.4	26.1	39.1		

Instrument :

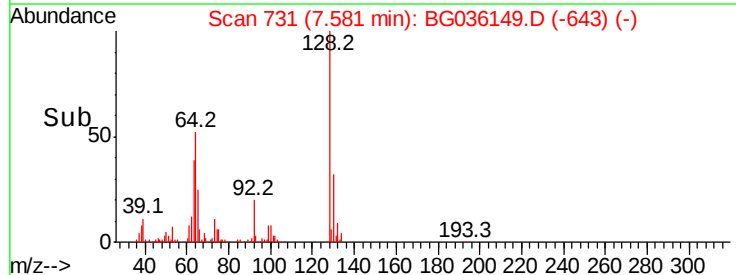
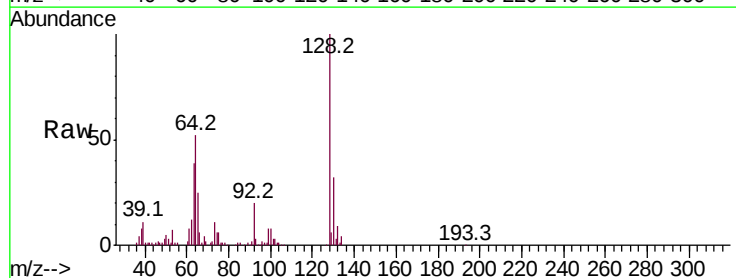
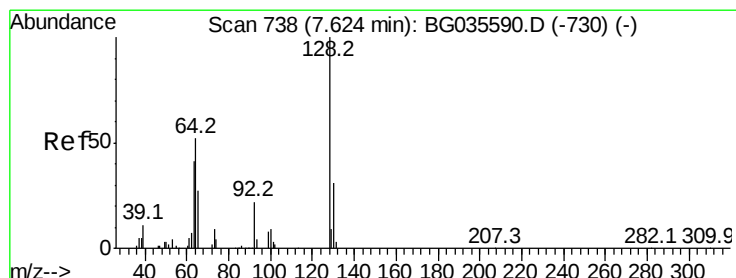
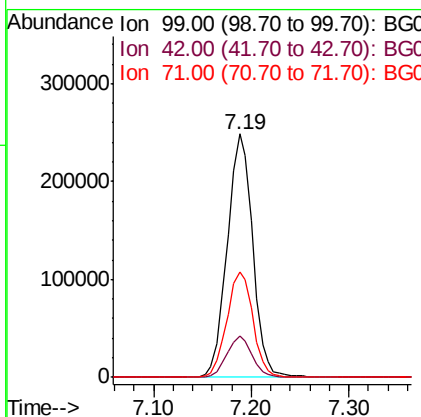
BNA_G

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#8

2-Chlorophenol

Concen: 47.569 ng

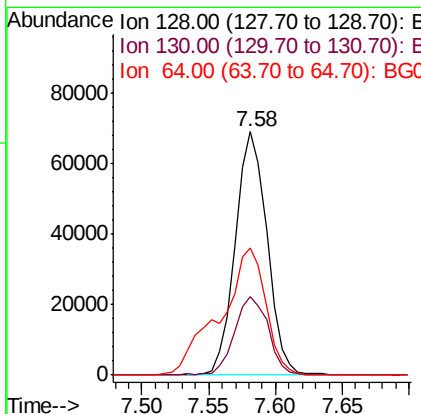
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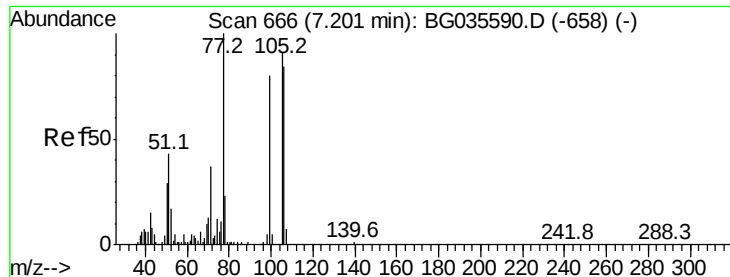
Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		113909		
130	32.0	14.0	54.0		
64	52.1	37.7	77.7		





#9

Benzaldehyde

Concen: 40.620 ng

RT: 7.15 min Scan# 658

Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Instrument :

BNA_G

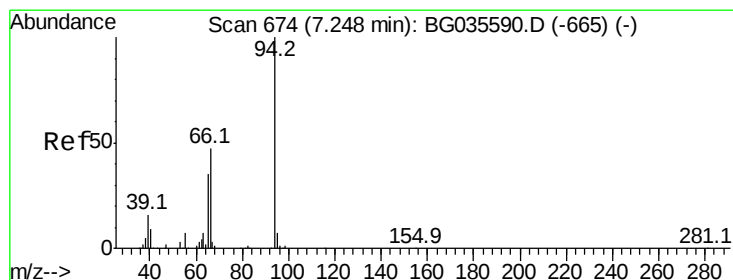
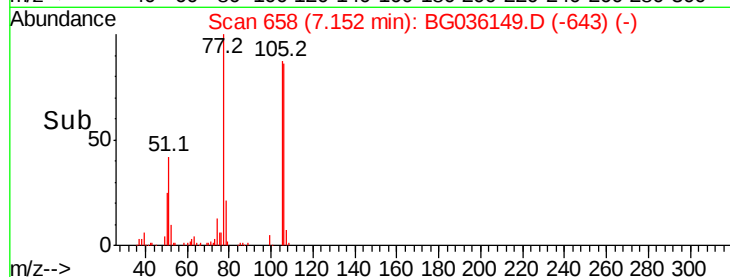
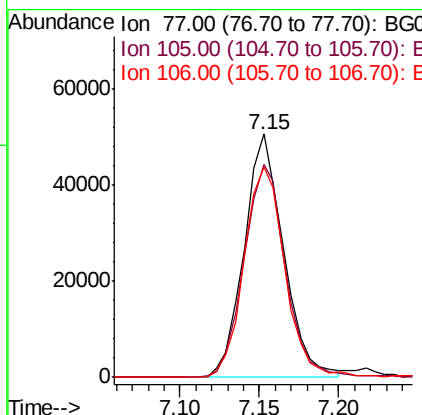
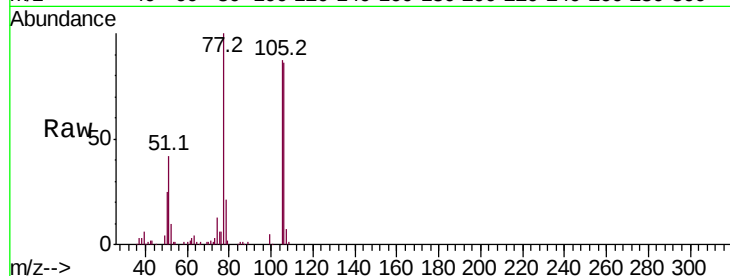
ClientSampleId :

OR-02-080318-AMSD

Tot Ion:	77	Resp:	87553
Ion	Ratio	Lower	Upper
77	100		
105	87.3	71.3	111.3
106	86.3	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 41.709 ng

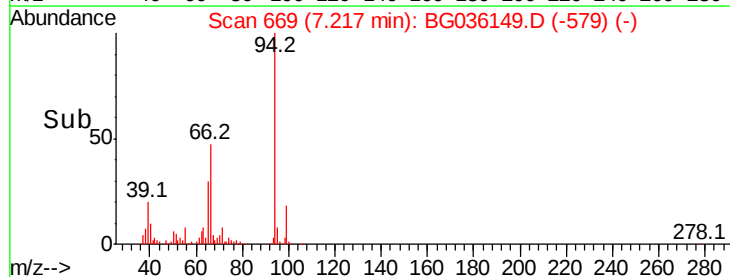
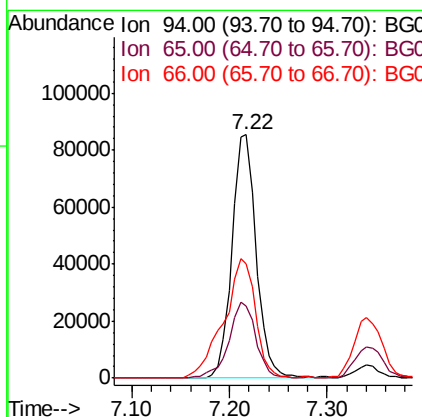
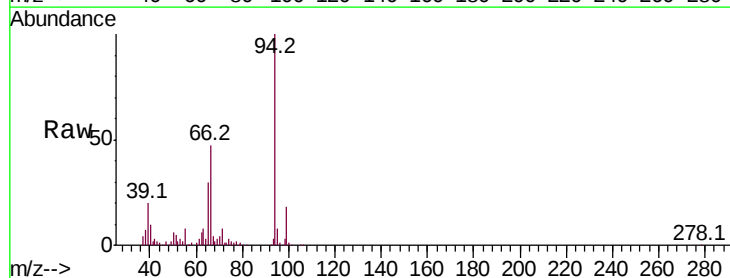
RT: 7.22 min Scan# 669

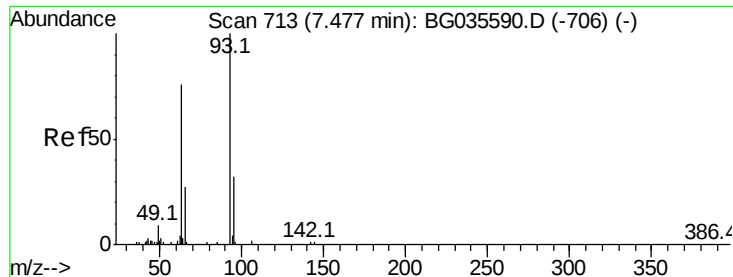
Delta R.T. -0.00 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Tgt Ion:	94	Resp:	148026
Ion	Ratio	Lower	Upper
94	100		
65	29.8	11.9	51.9
66	46.7	22.2	62.2





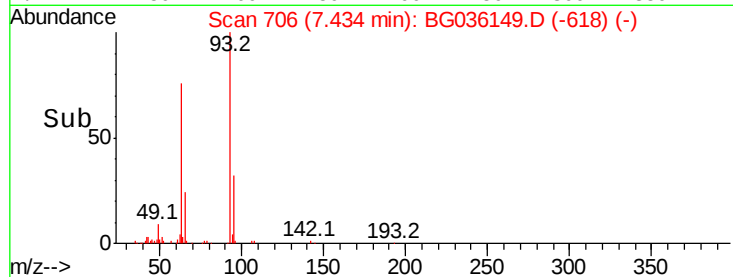
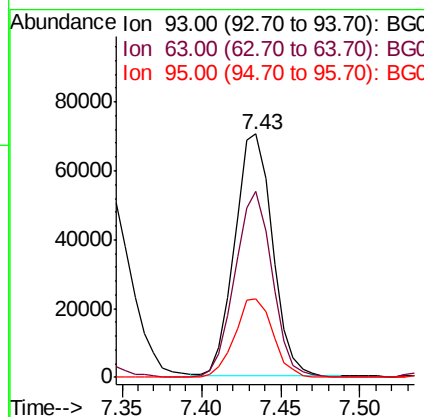
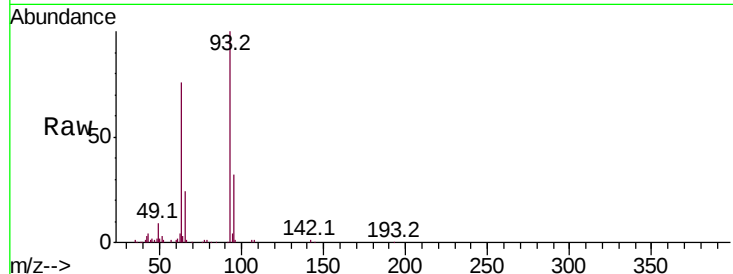
#11
bis(2-Chloroethyl)ether
Concen: 41.750 ng
RT: 7.43 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMSD

Tot Ion:	93	Resp:	116041
Ion	Ratio	Lower	Upper
93	100		
63	76.3	67.1	107.1
95	32.3	11.5	51.5

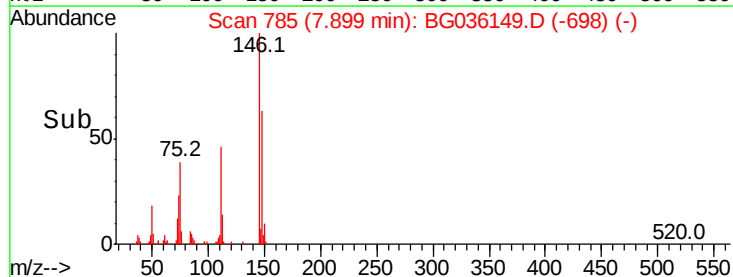
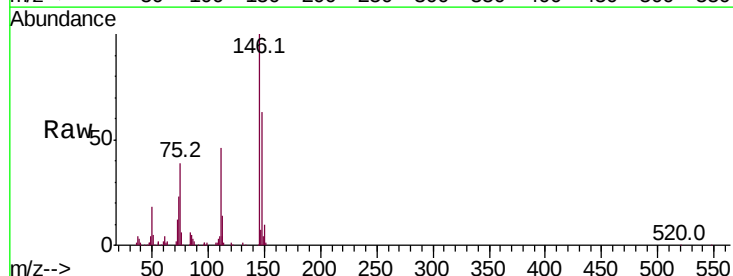
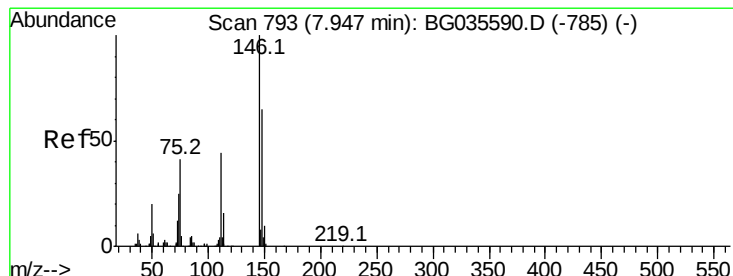
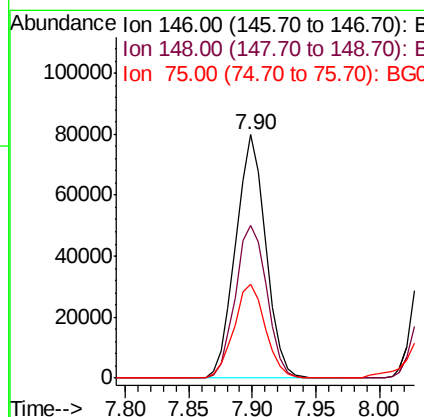
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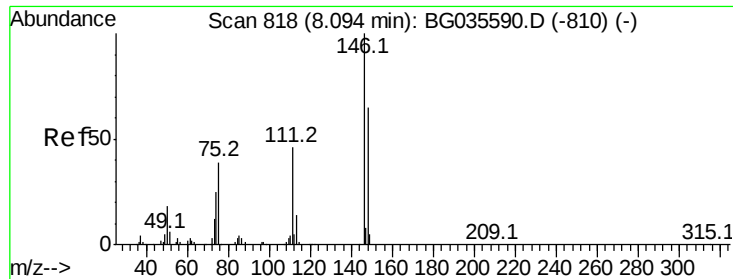
Sohil
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#12
1,3-Dichlorobenzene
Concen: 45.350 ng
RT: 7.90 min Scan# 785
Delta R.T. -0.02 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Tgt Ion:	146	Resp:	131140
Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.4	77.2
75	38.8	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 46.457 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.02 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Instrument :

BNA_G

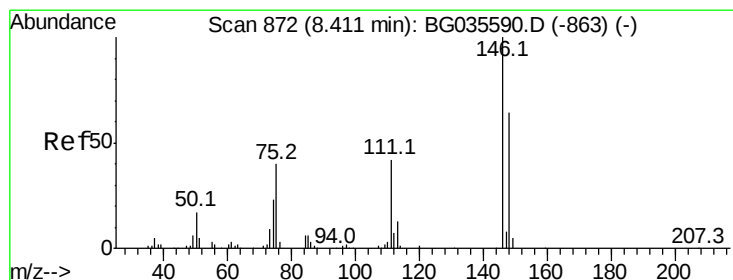
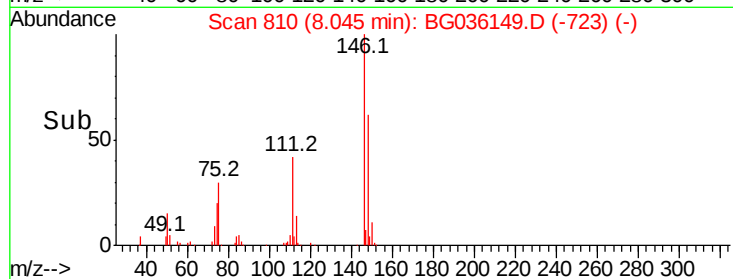
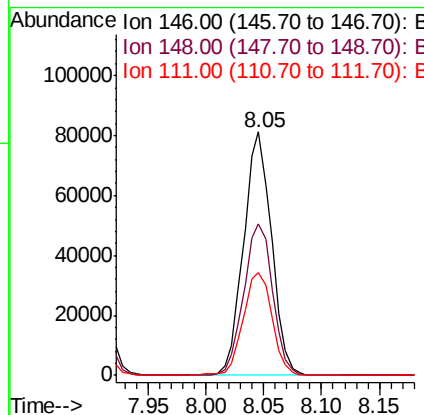
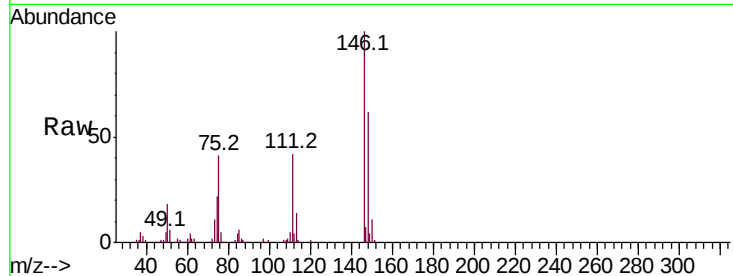
ClientSampleId :

OR-02-080318-AMSD

Tot Ion:	146	Resp:	136498
Ion Ratio	Lower	Upper	
146	100		
148	62.1	53.7	80.5
111	42.3	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 46.388 ng

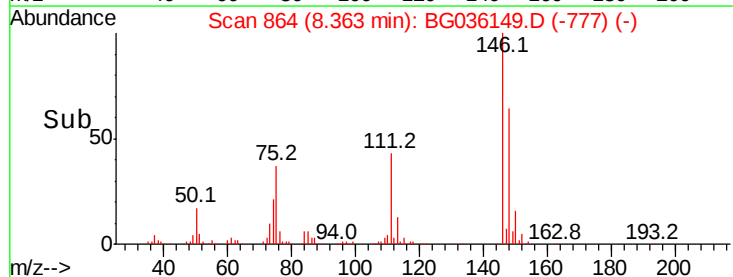
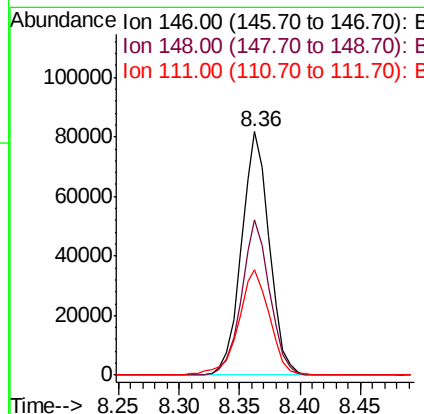
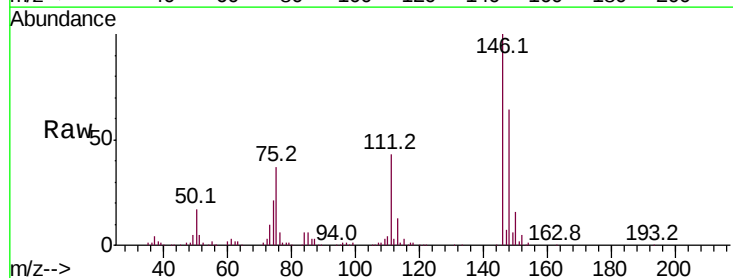
RT: 8.36 min Scan# 864

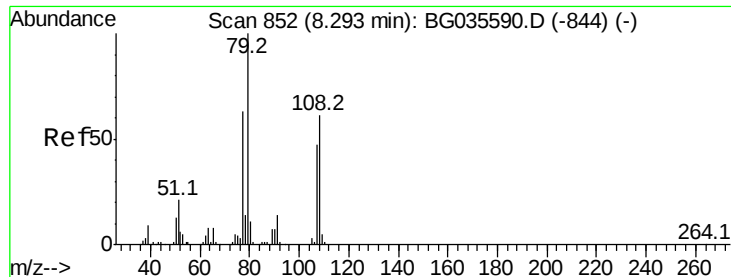
Delta R.T. -0.02 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Tgt Ion:	146	Resp:	130935
Ion Ratio	Lower	Upper	
146	100		
148	63.8	49.3	73.9
111	43.2	34.3	51.5





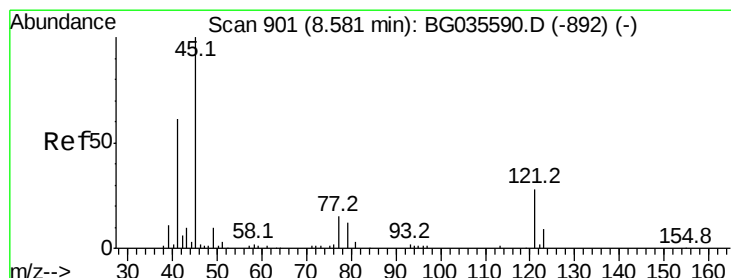
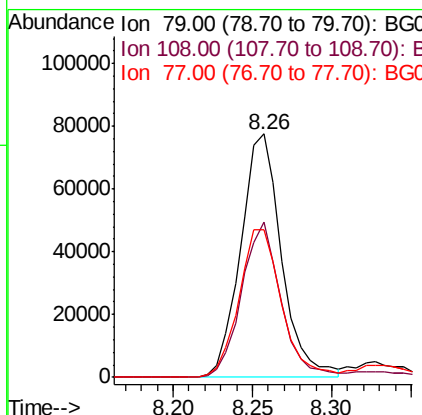
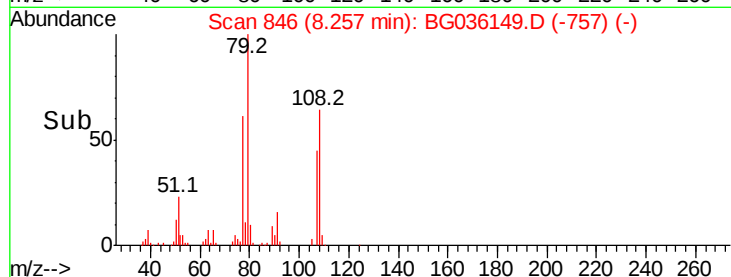
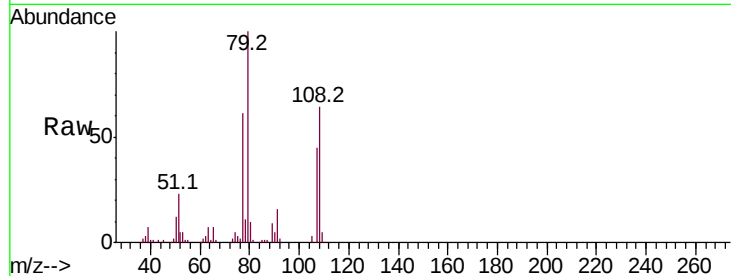
#15
Benzyl Alcohol
Concen: 43.547 ng
RT: 8.26 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	63.7	57.2	85.8
77	60.5	46.1	69.1

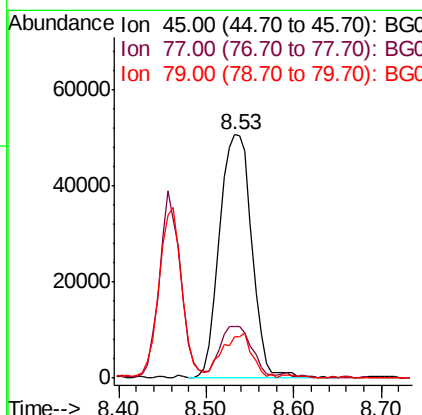
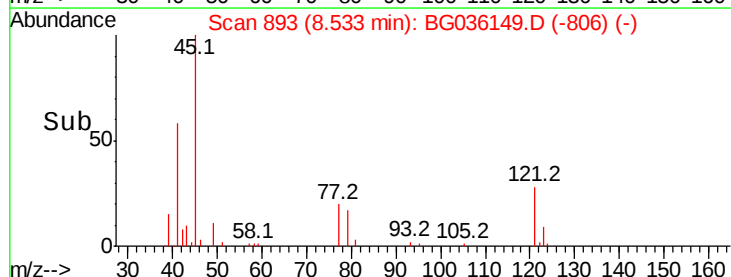
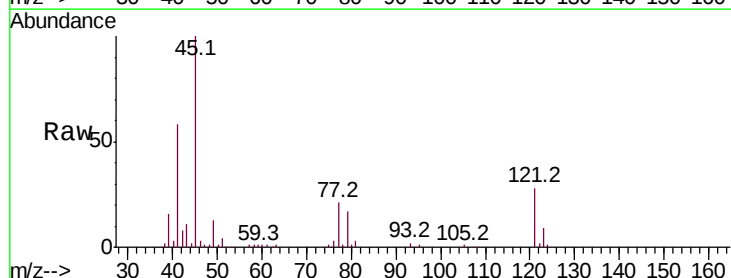
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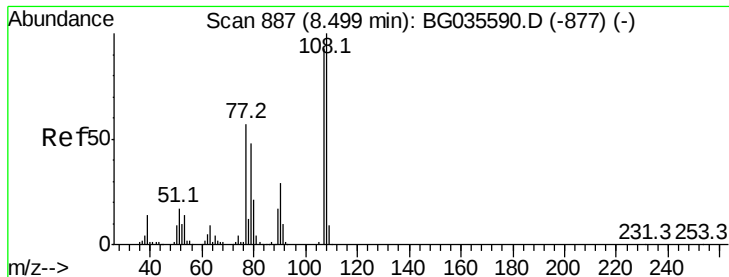
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.013 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.02 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.4	0.0	30.2
79	16.8	0.0	27.9





#17

2-Methylphenol

Concen: 48.304 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Instrument :

BNA_G

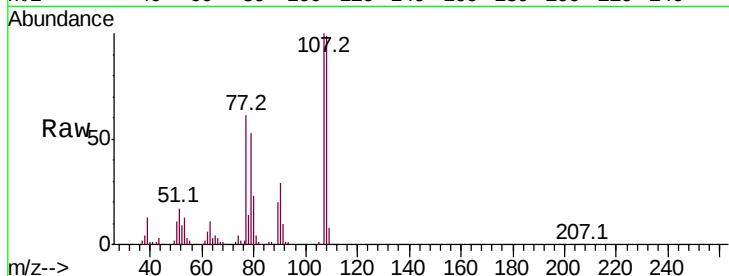
ClientSampleId :

OR-02-080318-AMSD

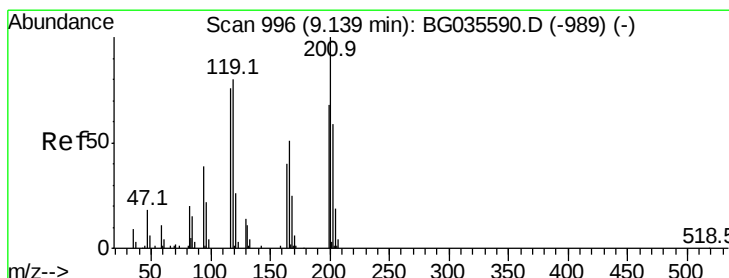
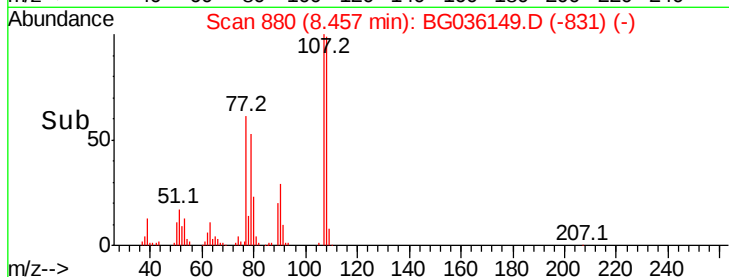
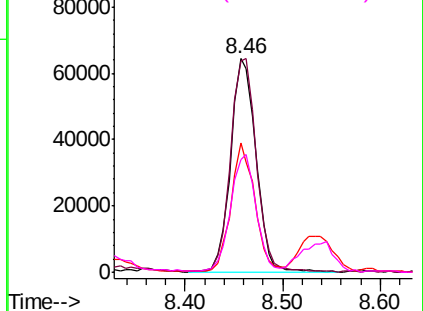
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	99.0	83.9	125.9	
77	60.6	37.2	55.8	
79	52.7	36.2	54.2	

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 45.911 ng

RT: 9.09 min Scan# 988

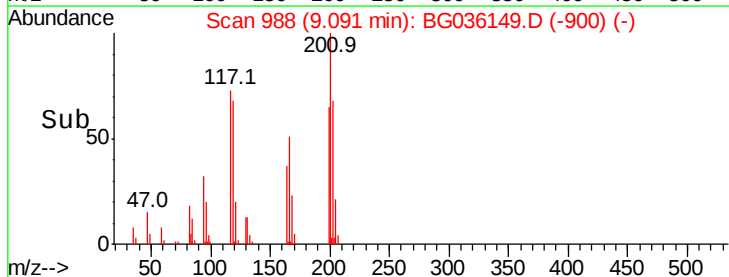
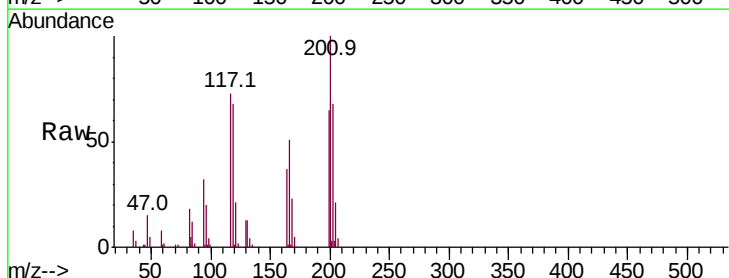
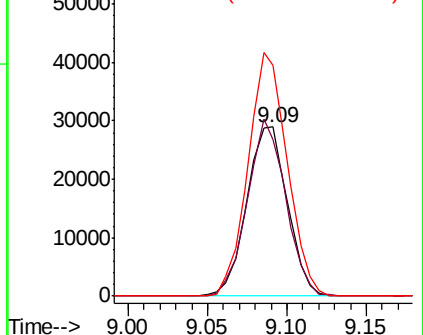
Delta R.T. -0.01 min

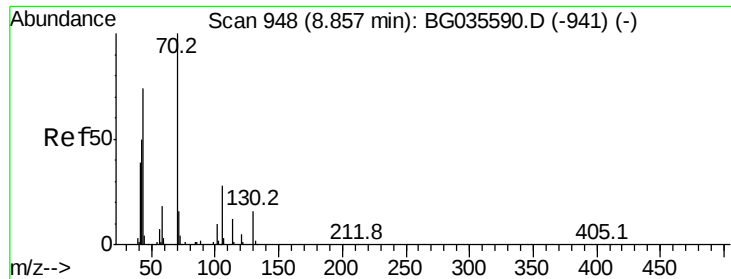
Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.2	76.7	115.1	
201	136.6	95.7	143.5	

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.841 ng

RT: 8.81 min Scan# 941

Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Instrument :

BNA_G

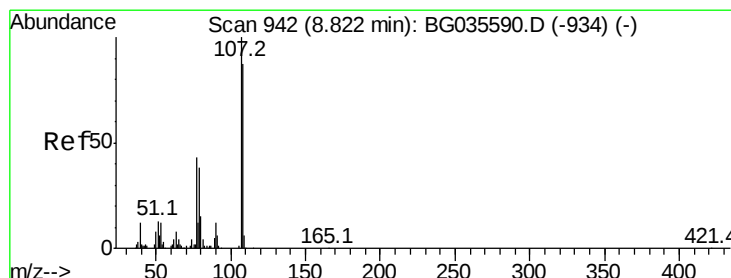
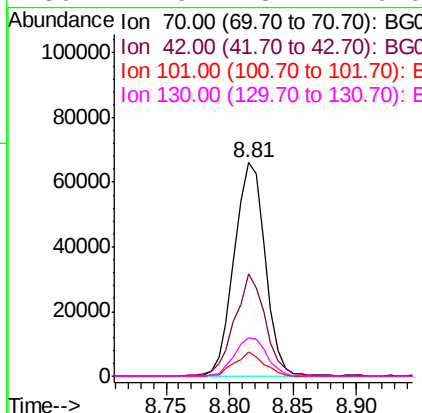
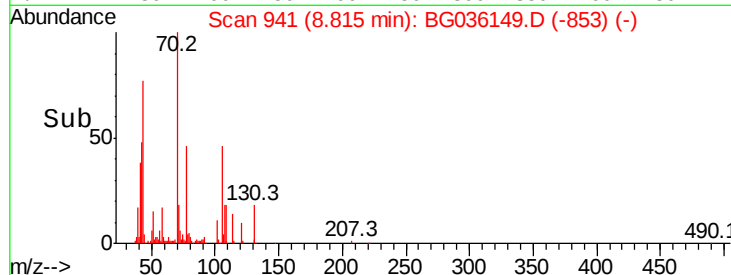
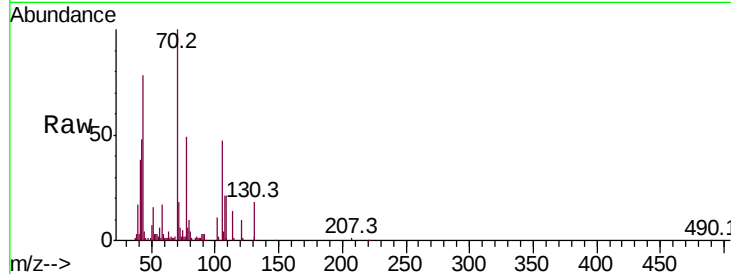
ClientSampleId :

OR-02-080318-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	48.2	49.1	73.7#		
101	11.1	8.5	12.7		
130	17.9	13.4	20.0		

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#20

3+4-Methylphenols

Concen: 46.338 ng

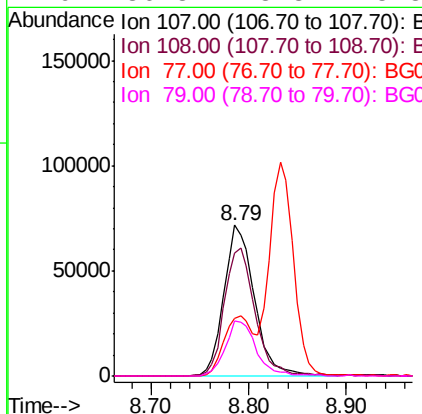
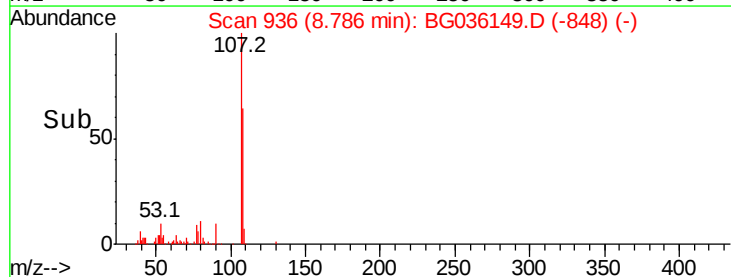
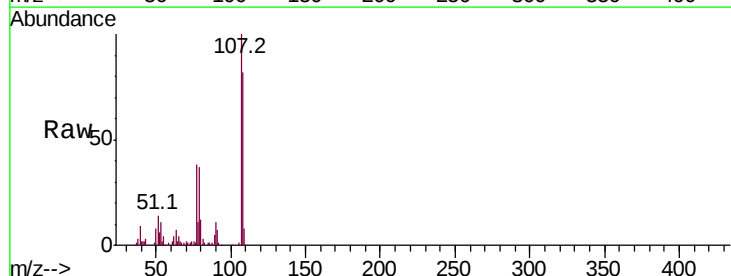
RT: 8.79 min Scan# 936

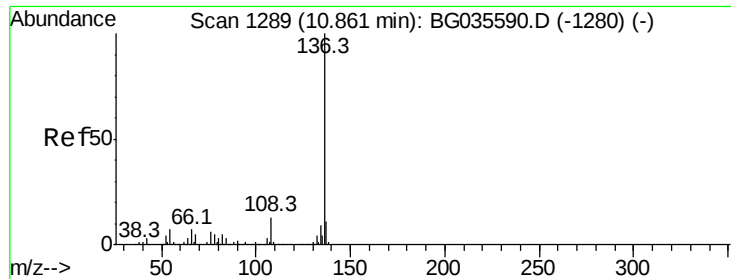
Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	81.6	61.6	101.6		
77	38.4	13.9	53.9		
79	36.8	8.8	48.8		





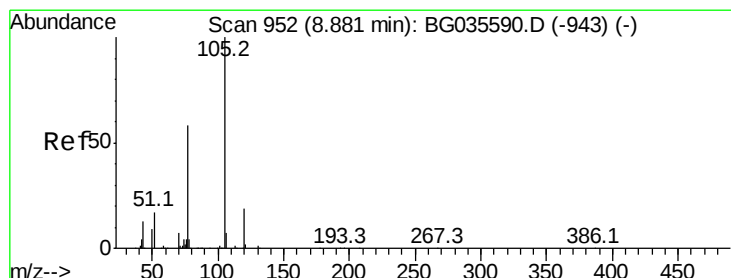
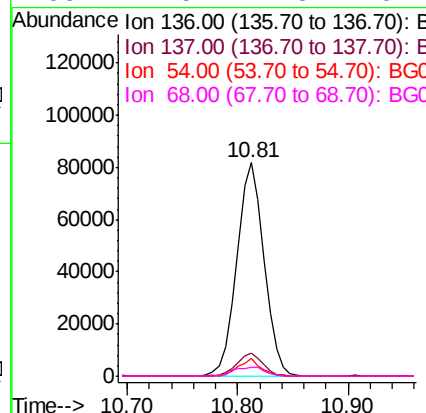
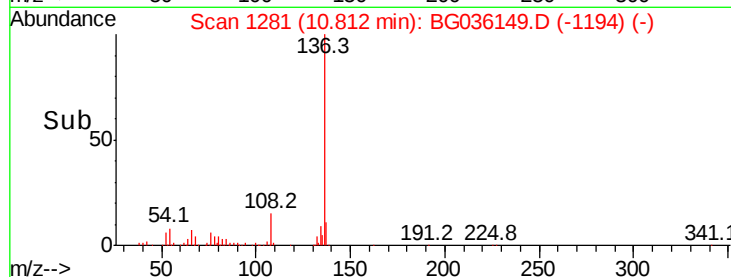
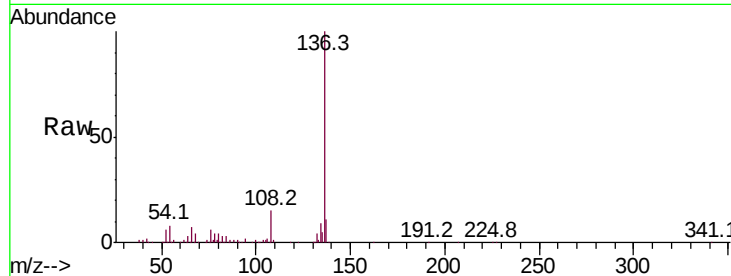
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	9.2	13.8
54	8.2	10.3	15.5#
68	4.5	4.5	6.7#

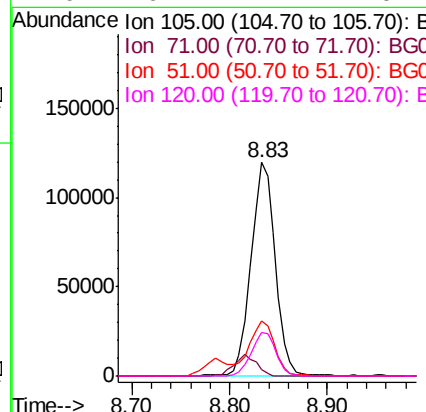
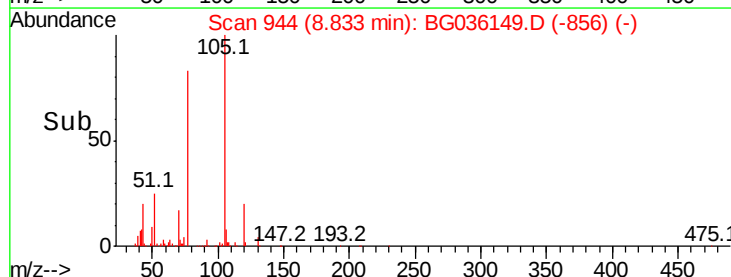
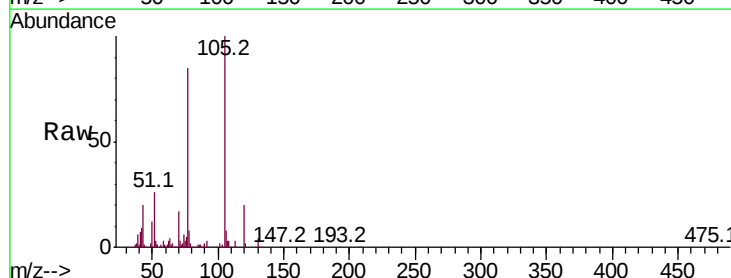
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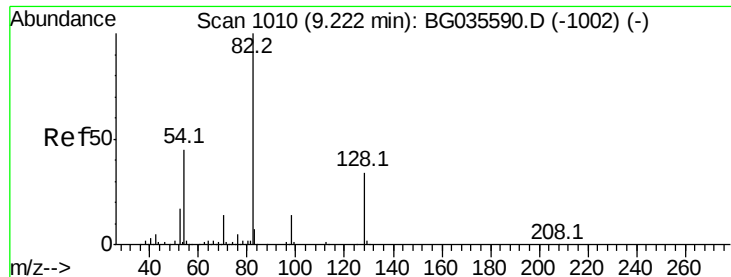
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#22
Acetophenone
Concen: 47.351 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.1	3.0	4.4
51	25.8	26.1	39.1#
120	20.1	17.4	26.2





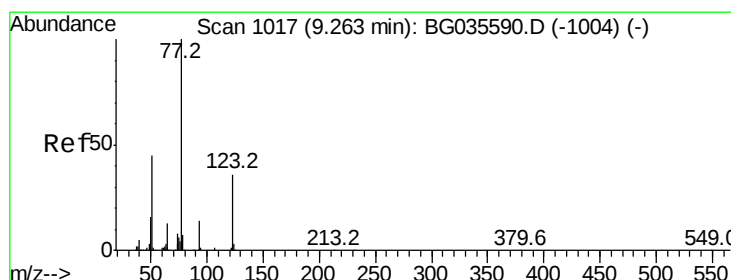
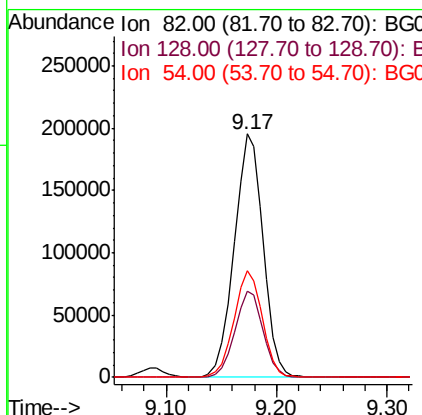
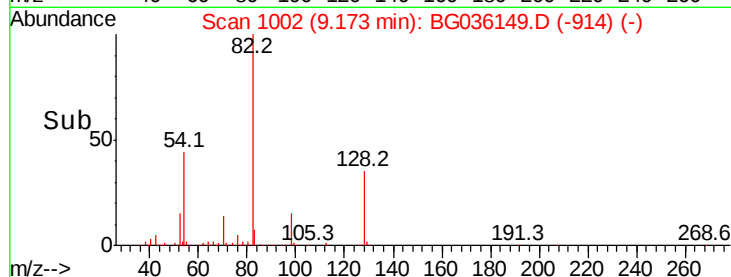
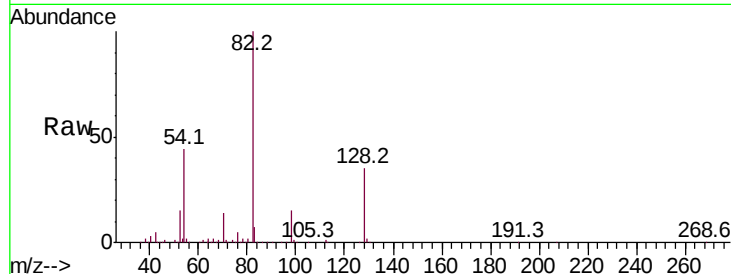
#23
Nitrobenzene-d5
Concen: 105.474 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.2	29.7	44.5	
54	43.6	43.1	64.7	

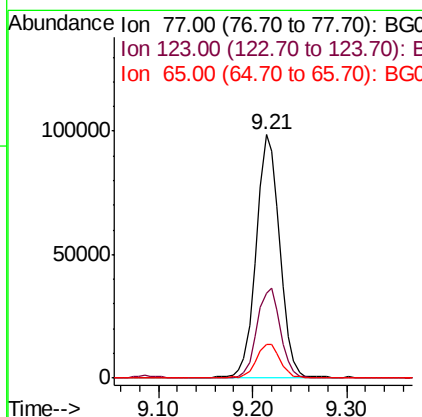
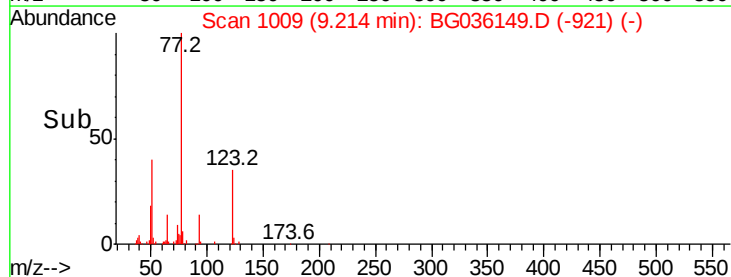
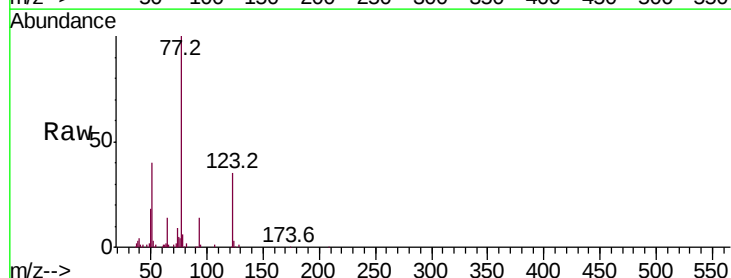
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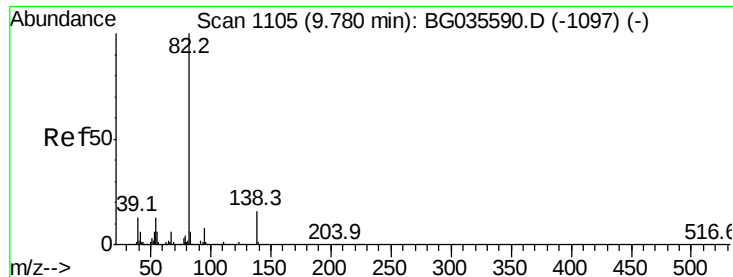
Sohil
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#24
Nitrobenzene
Concen: 50.220 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	34.7	33.0	49.6	
65	13.6	13.0	19.6	





#25

Isophorone

Concen: 52.111 ng

RT: 9.74 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Instrument :

BNA_G

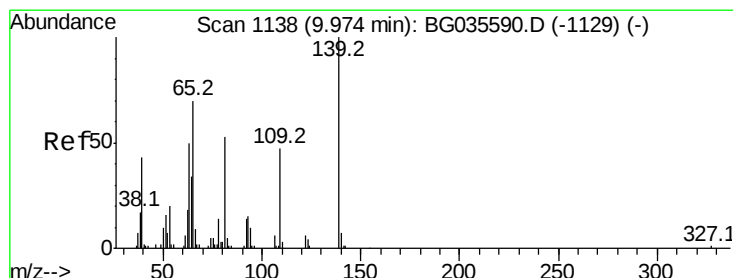
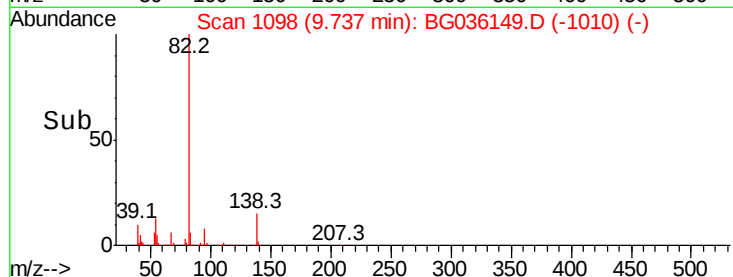
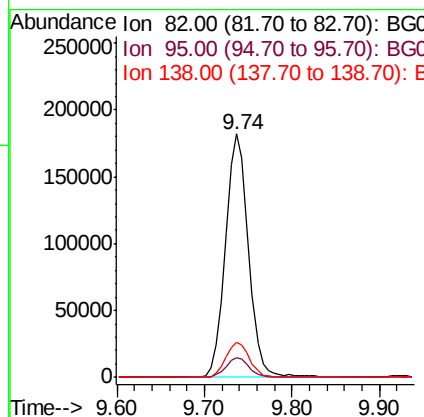
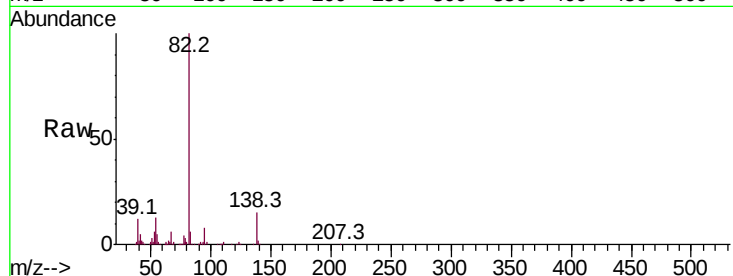
ClientSampleId :

OR-02-080318-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.0	6.2	9.2	
138	14.6	12.1	18.1	

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#26

2-Nitrophenol

Concen: 59.303 ng

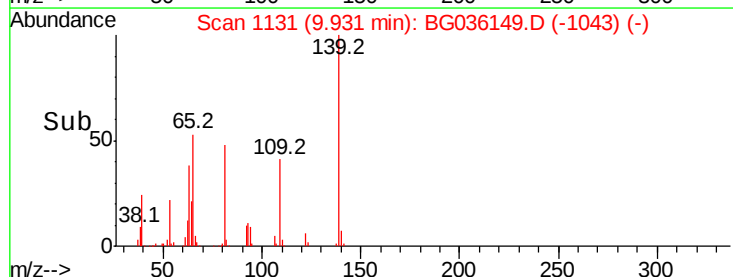
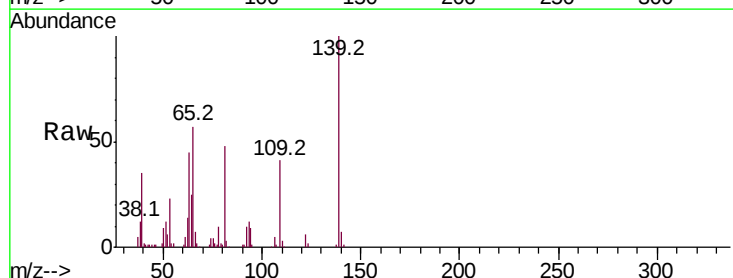
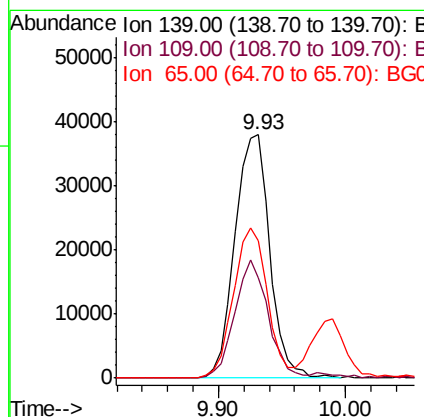
RT: 9.93 min Scan# 1131

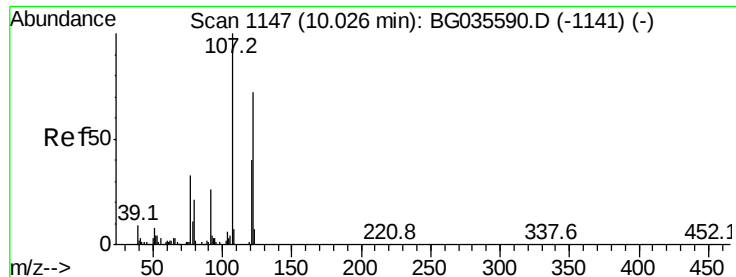
Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	41.3	24.2	36.2	#
65	56.5	47.4	71.0	





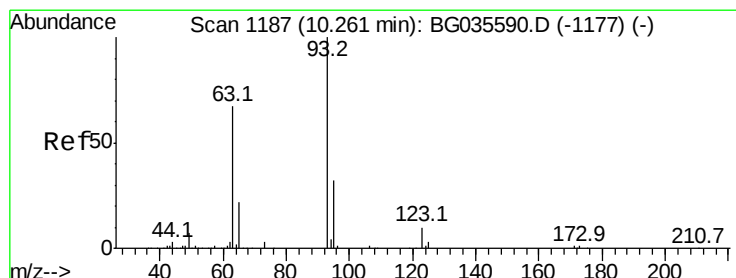
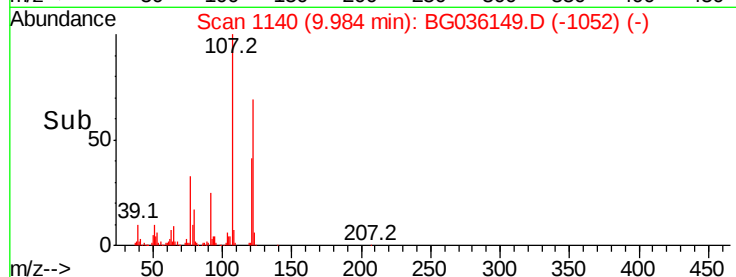
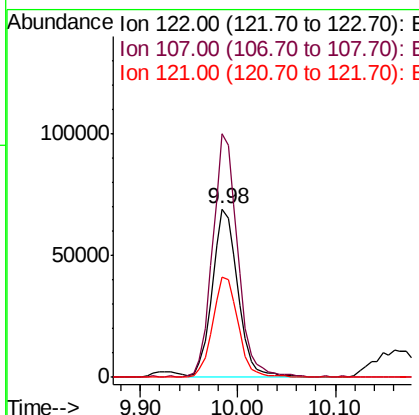
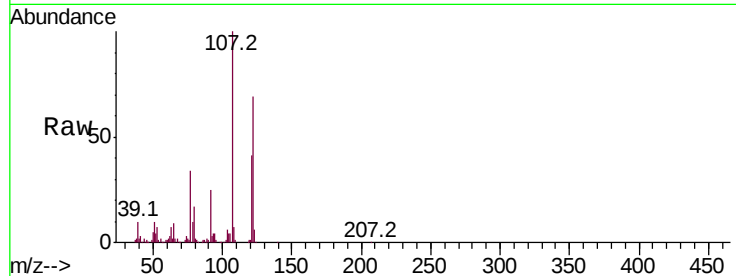
#27
2,4-Dimethylphenol
Concen: 60.342 ng
RT: 9.98 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMSD

Tot Ion	Ratio	Resp Lower	Upper
122	100		
107	144.3	100.2	150.2
121	59.2	44.4	66.6

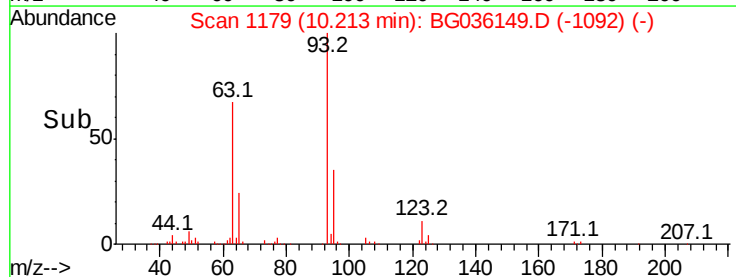
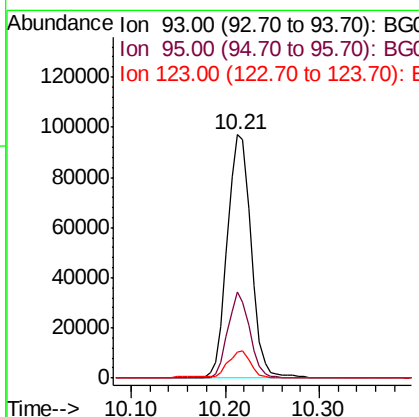
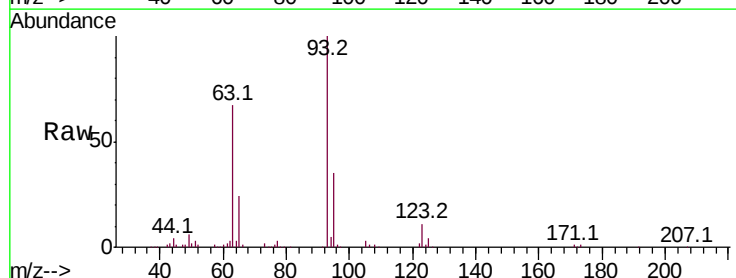
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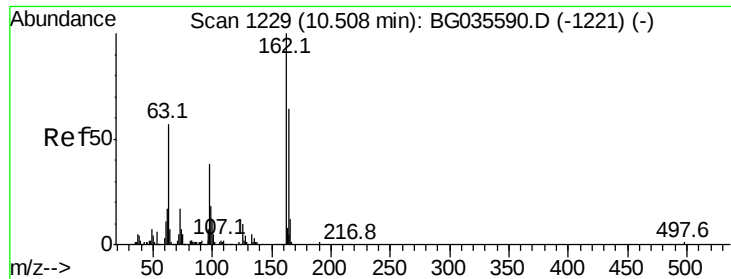
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 49.343 ng
RT: 10.21 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
95	35.2	24.3	36.5
123	10.9	8.4	12.6





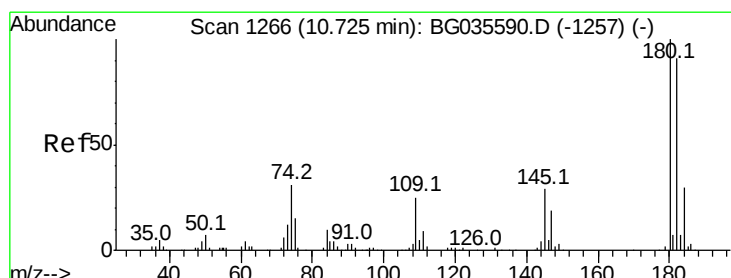
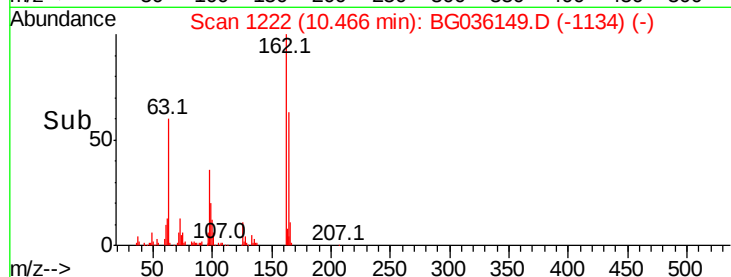
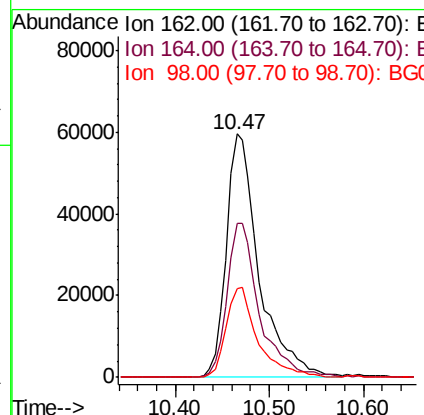
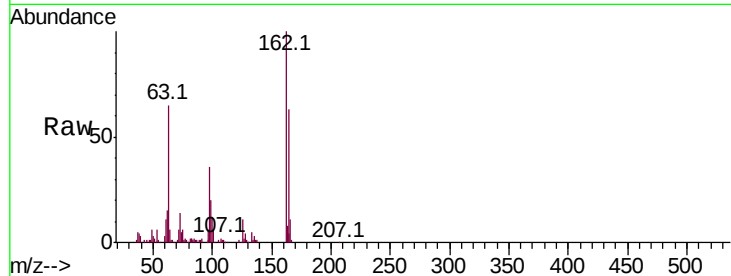
#29
2,4-Dichlorophenol
Concen: 61.447 ng
RT: 10.47 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	144117		
164	63.2	48.0	88.0	
98	36.3	21.1	61.1	

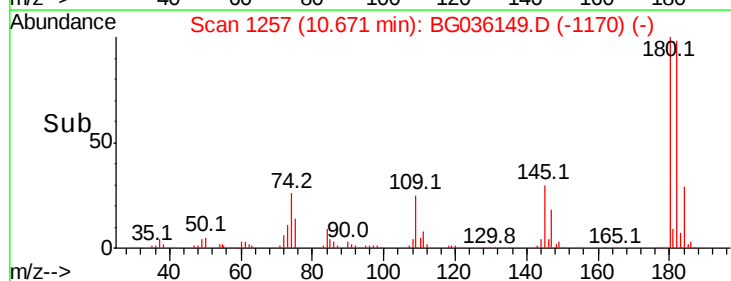
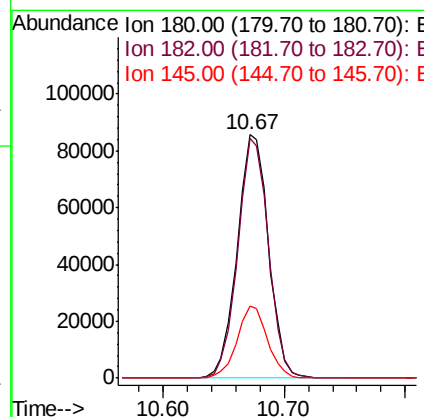
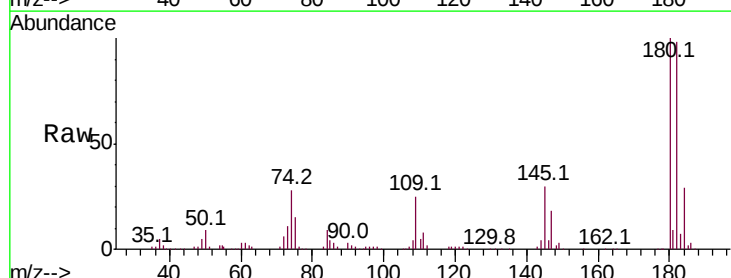
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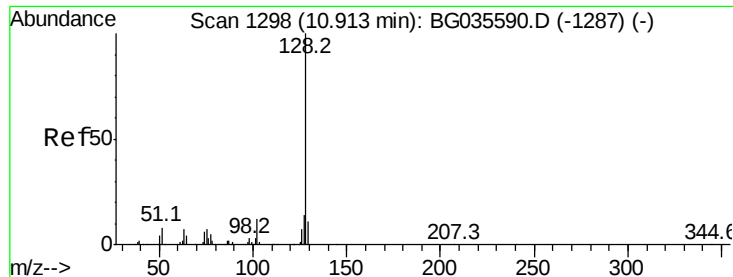
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#30
1,2,4-Trichlorobenzene
Concen: 53.695 ng
RT: 10.67 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	154425		
182	98.4	77.5	116.3	
145	29.8	23.4	35.2	





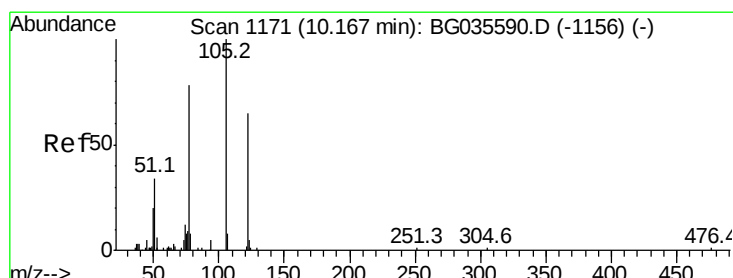
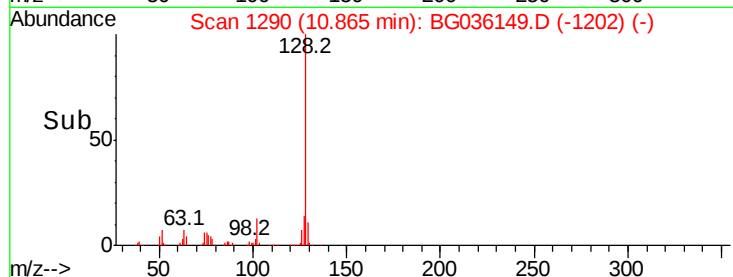
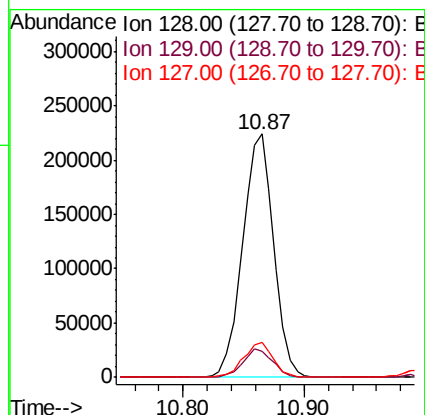
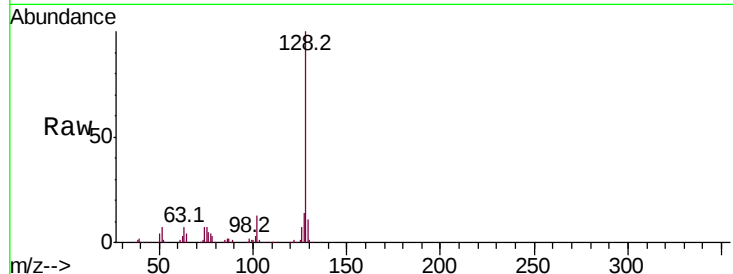
#31
Naphthalene
Concen: 54.093 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.5	8.6	12.8	
127	14.3	11.6	17.4	

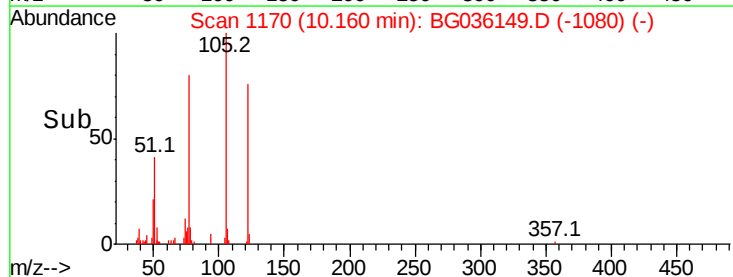
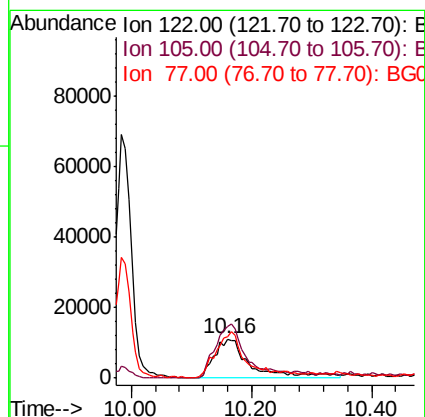
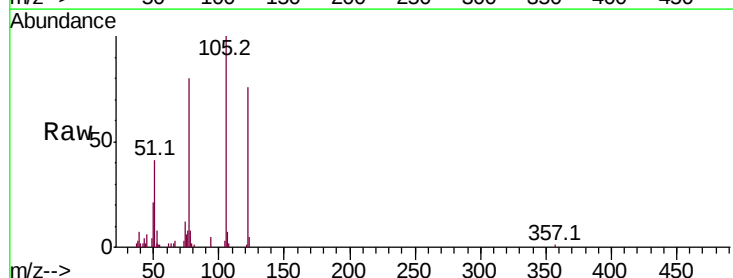
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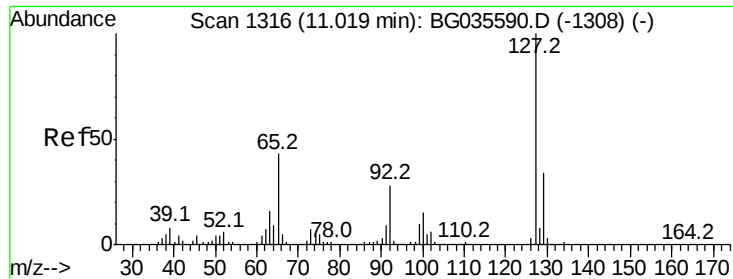
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#32
Benzoic acid
Concen: 33.763 ng m
RT: 10.16 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	132.5	123.5	163.5	
77	105.4	85.7	125.7	





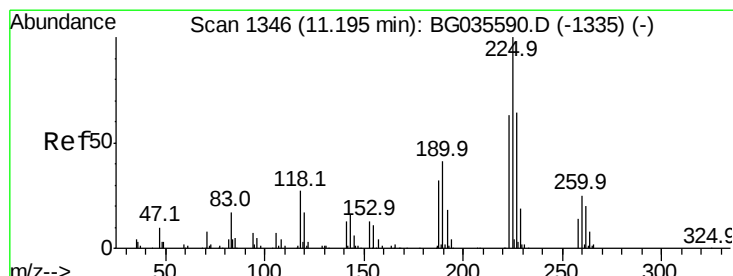
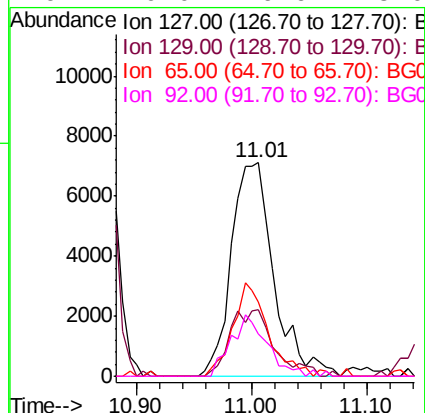
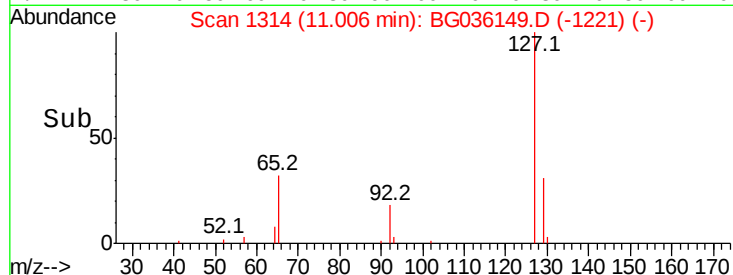
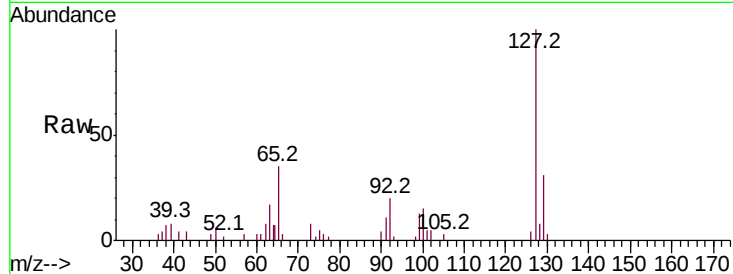
#33
4-Chloroaniline
Concen: 5.645 ng
RT: 11.01 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.1	24.0	36.0	
65	34.9	27.0	40.4	
92	20.0	16.6	25.0	

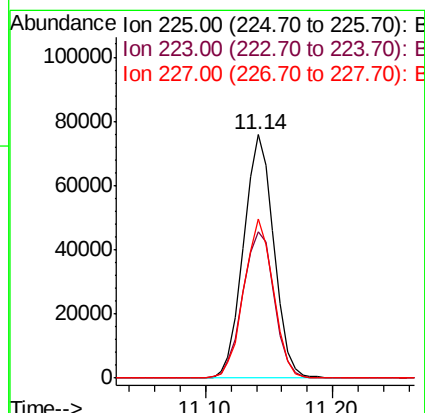
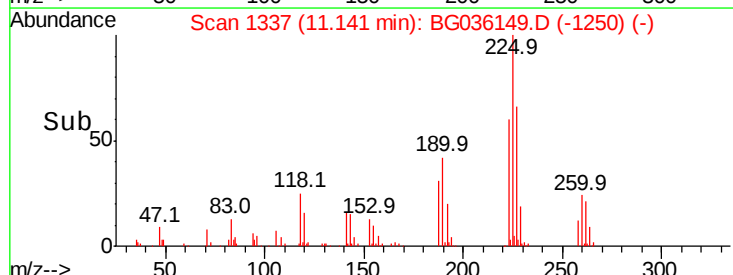
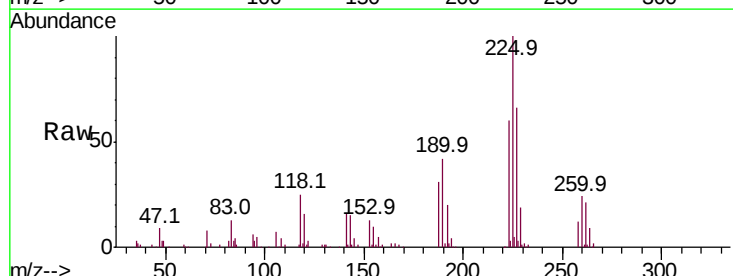
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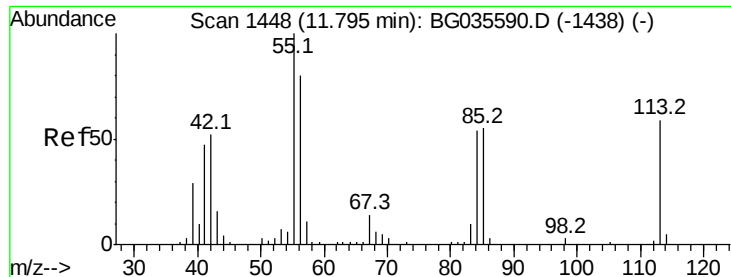
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#34
Hexachlorobutadiene
Concen: 55.870 ng
RT: 11.14 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.3	49.7	74.5	
227	65.5	48.1	72.1	





#35

Caprolactam

Concen: 40.310 ng/mL

RT: 11.78 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Instrument:

BNA_G

ClientSampleID:

OR-02-080318-AMSD

Tot Ion: 113 Resp: 40572

Ion Ratio Lower Upper

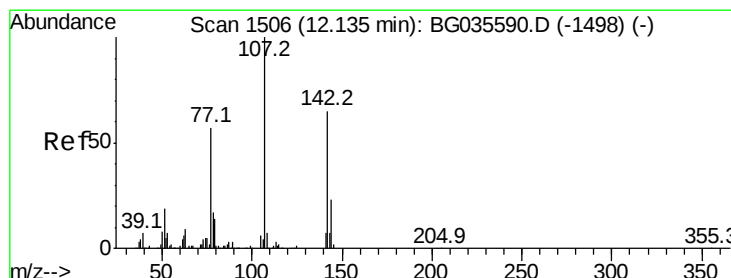
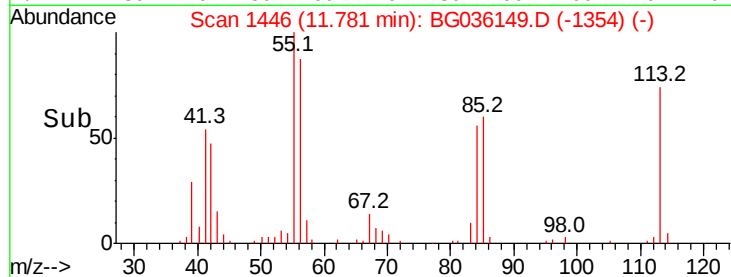
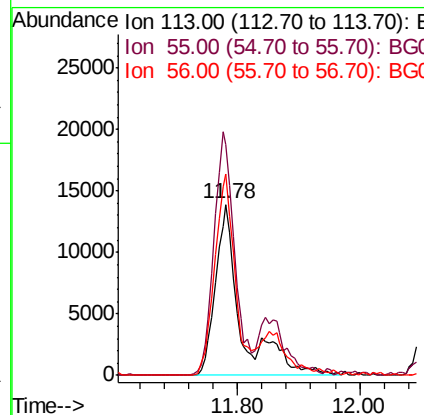
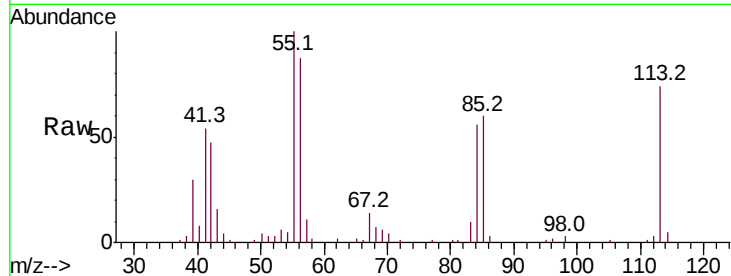
113 100

55 134.6 186.9 226.9#

56 117.6 130.9 170.9#

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#36

4-Chloro-3-methylphenol

Concen: 59.836 ng/mL

RT: 12.10 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

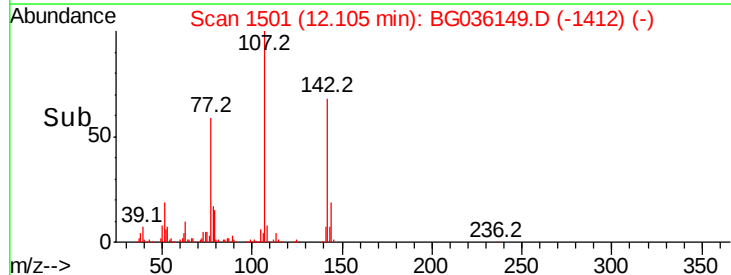
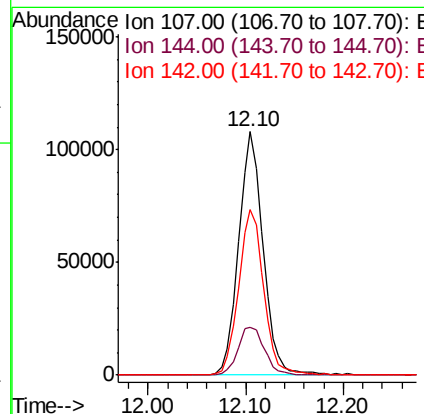
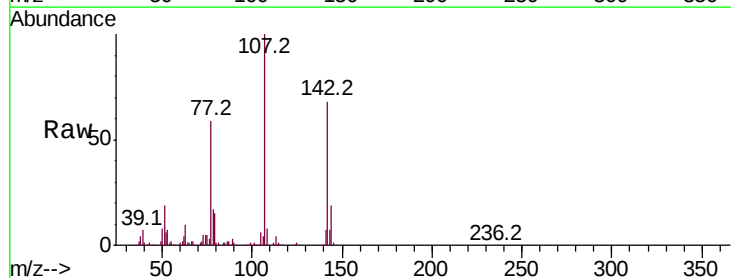
Tgt Ion: 107 Resp: 188110

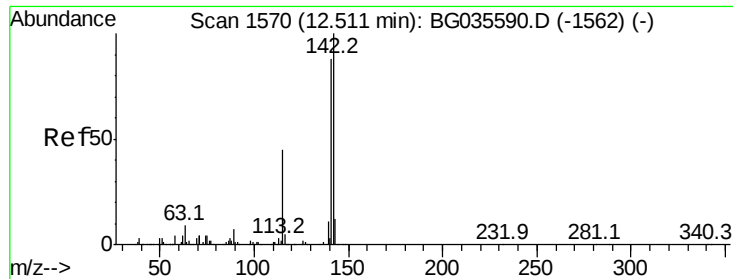
Ion Ratio Lower Upper

107 100

144 19.4 18.2 27.4

142 68.1 59.0 88.4





#37

2-Methylnaphthalene

Concen: 54.823 ng

RT: 12.46 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Instrument :

BNA_G

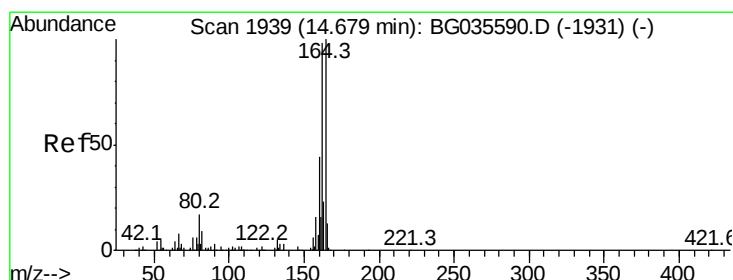
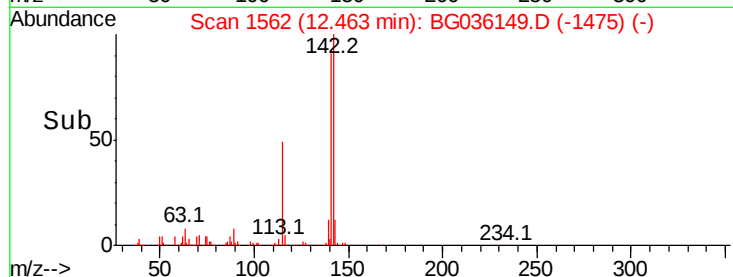
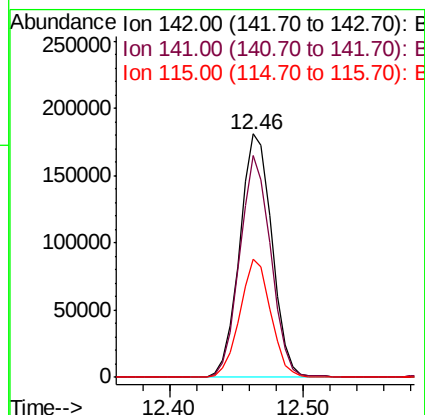
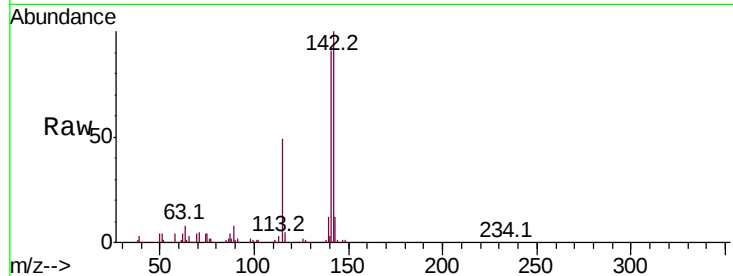
ClientSampleId :

OR-02-080318-AMSD

Tot Ion:	142	Resp:	302042
Ion Ratio	Lower	Upper	
142	100		
141	91.2	67.1	100.7
115	48.7	30.7	46.1#

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#38

Acenaphthene-d10

Concen: 20.000 ng

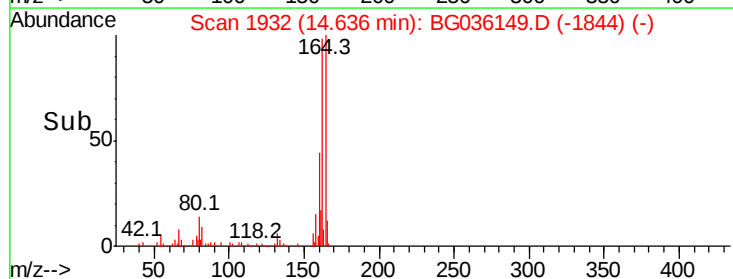
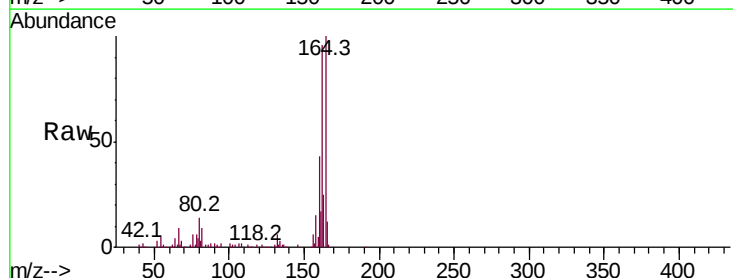
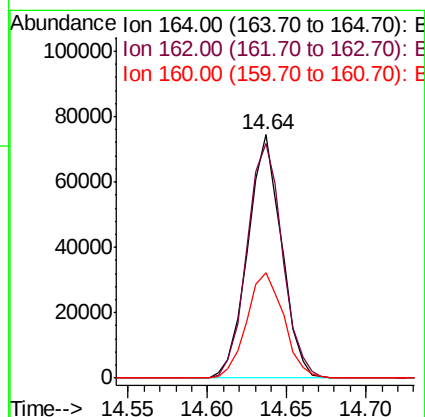
RT: 14.64 min Scan# 1932

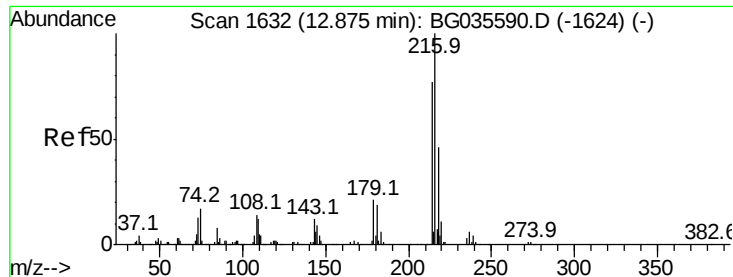
Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Tgt Ion:	164	Resp:	110179
Ion Ratio	Lower	Upper	
164	100		
162	96.2	78.8	118.2
160	43.1	35.4	53.0





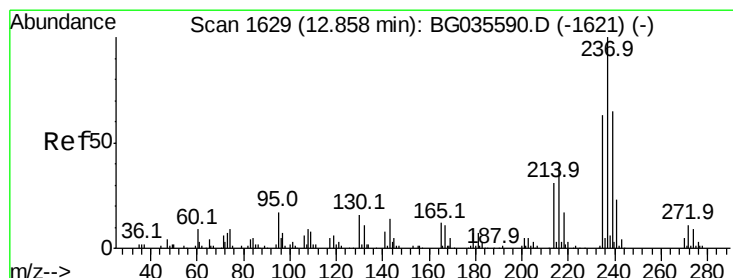
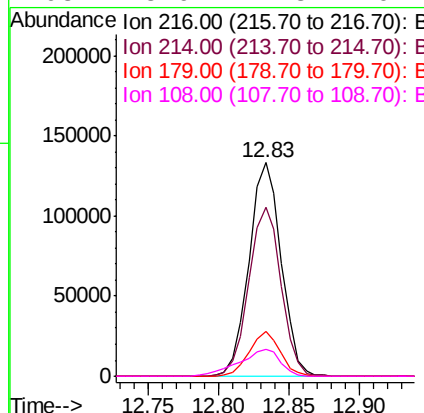
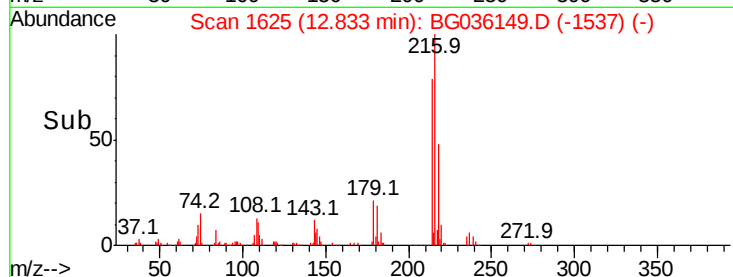
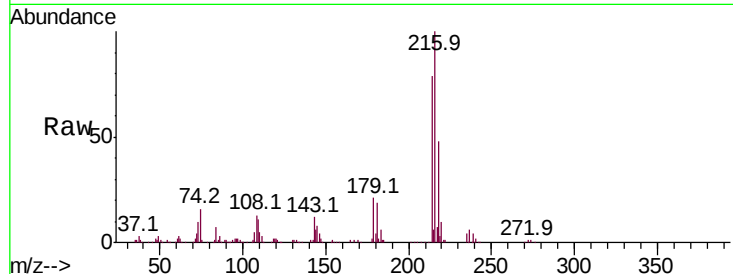
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.389 ng
 RT: 12.83 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BG036149.D
 Acq: 7 Aug 2018 5:56

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	213702		
214	79.3	63.0	94.4	
179	20.1	17.0	25.6	
108	15.9	12.8	19.2	

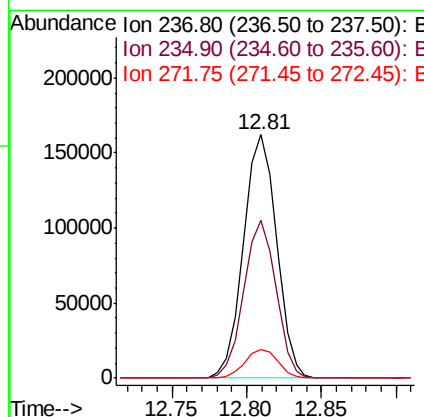
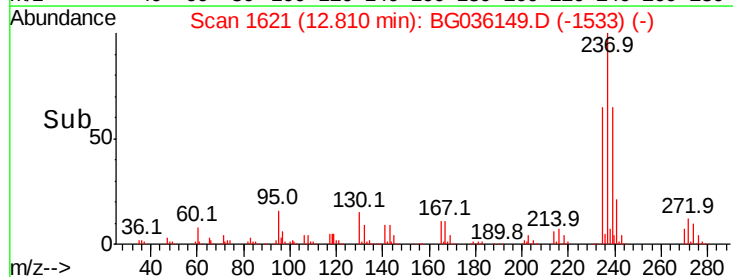
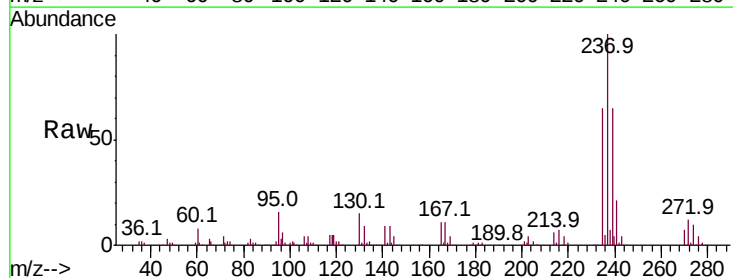
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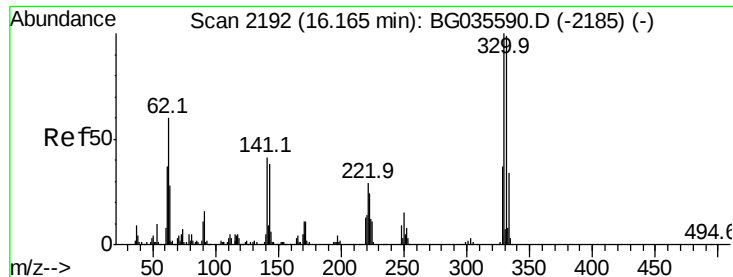
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#40
 Hexachlorocyclopentadiene
 Concen: 114.175 ng
 RT: 12.81 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BG036149.D
 Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	249006		
235	65.1	50.4	90.4	
272	11.6	0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 209.492 ng

RT: 16.13 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Instrument :

BNA_G

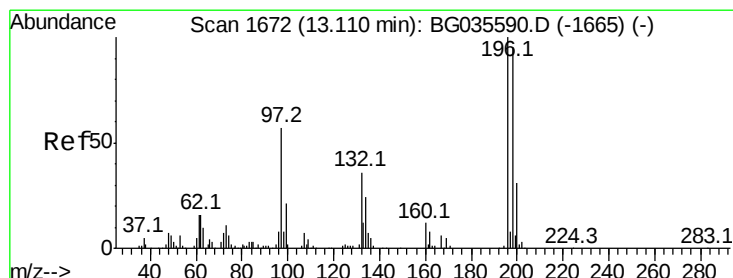
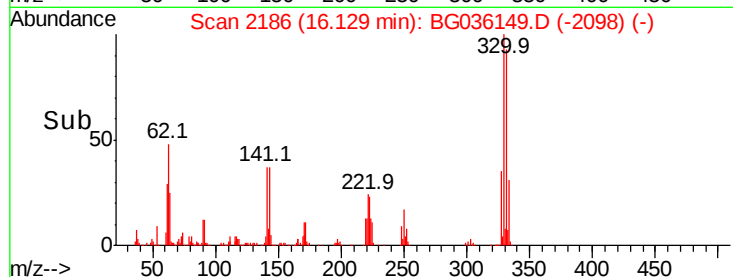
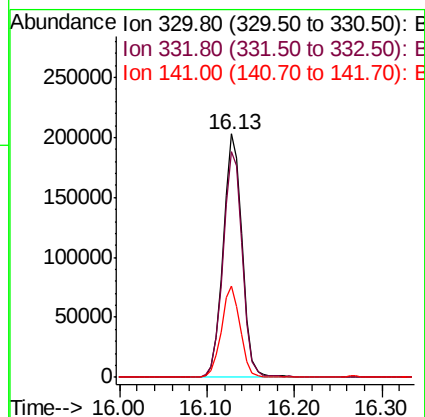
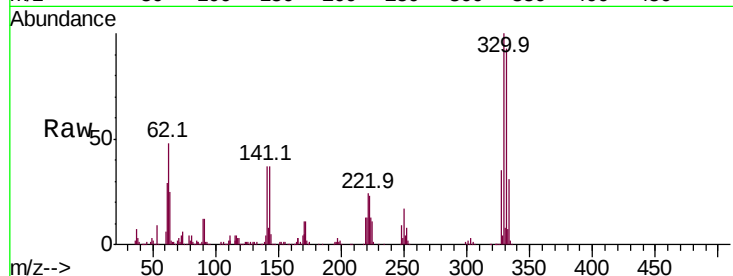
ClientSampleId :

OR-02-080318-AMSD

Tot Ion:	330	Resp:	304230
Ion Ratio	Lower	Upper	
330	100		
332	94.3	77.0	115.6
141	37.3	25.2	37.8

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#42

2,4,6-Trichlorophenol

Concen: 60.434 ng

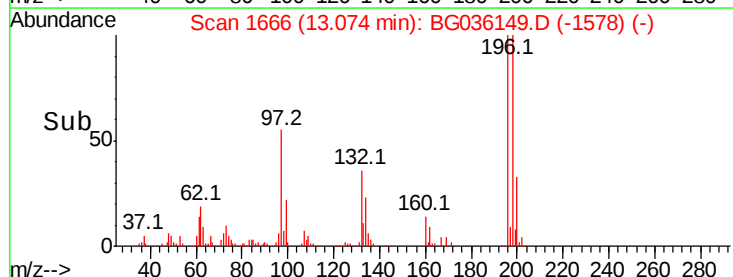
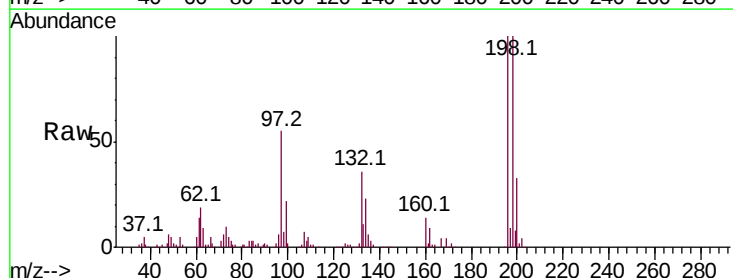
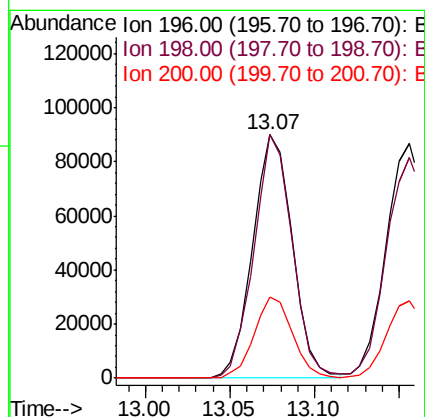
RT: 13.07 min Scan# 1666

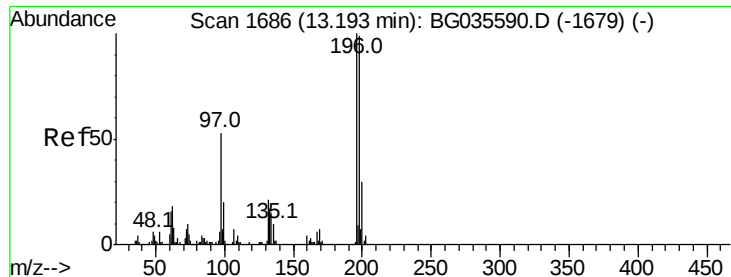
Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Tgt Ion:	196	Resp:	146970
Ion Ratio	Lower	Upper	
196	100		
198	100.1	78.2	117.2
200	33.2	24.6	36.8





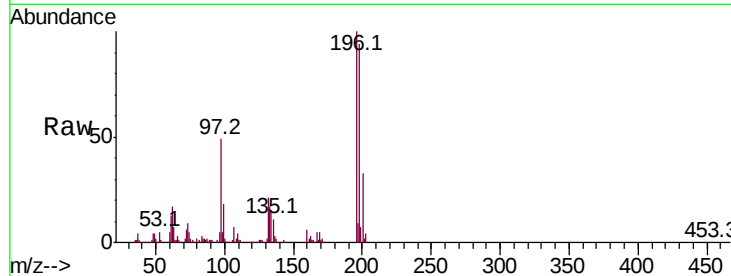
#43
2,4,5-Trichlorophenol
Concen: 61.638 ng
RT: 13.16 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	167691		
198	93.8	76.2	114.4	
97	48.6	38.7	58.1	
132	20.7	20.2	30.2	

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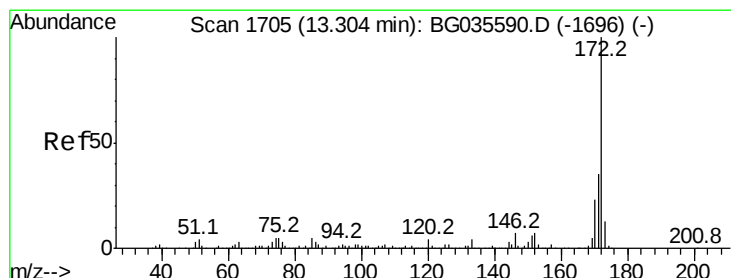
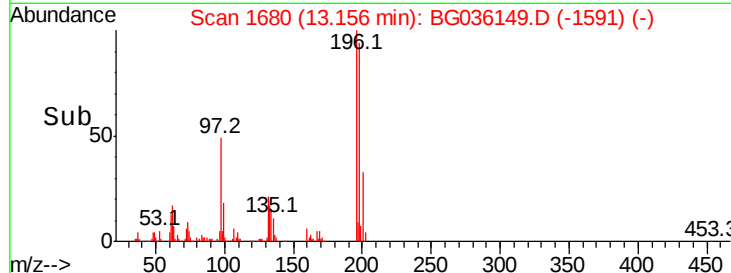
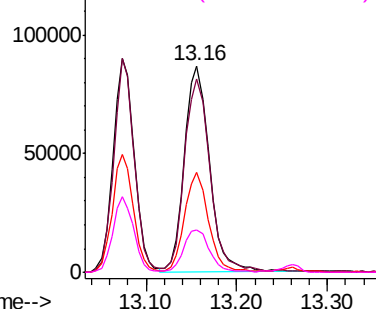
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

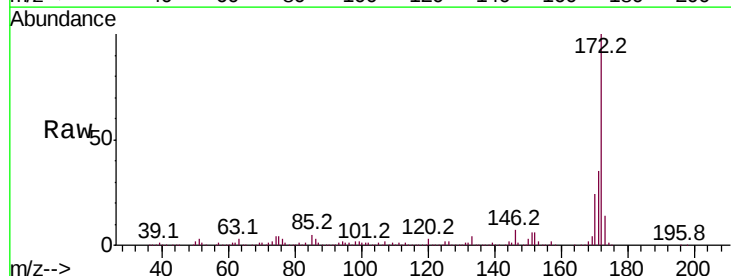
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 102.561 ng
RT: 13.26 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	843451		
171	34.8	30.0	45.0	
170	23.7	19.5	29.3	

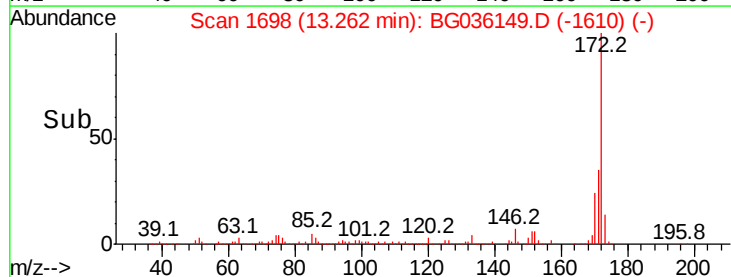
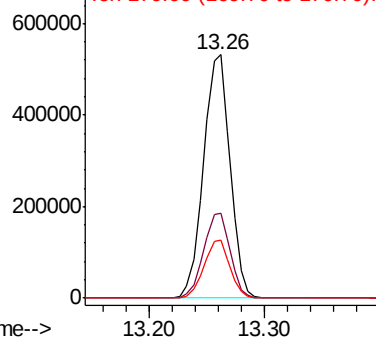


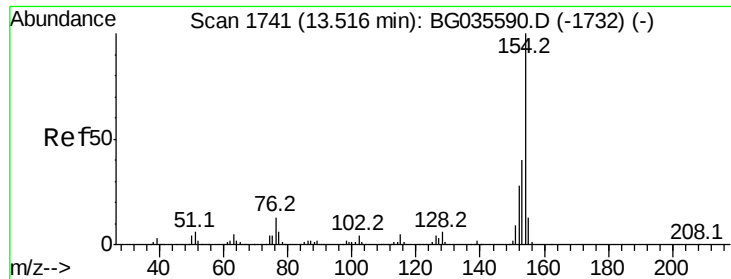
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





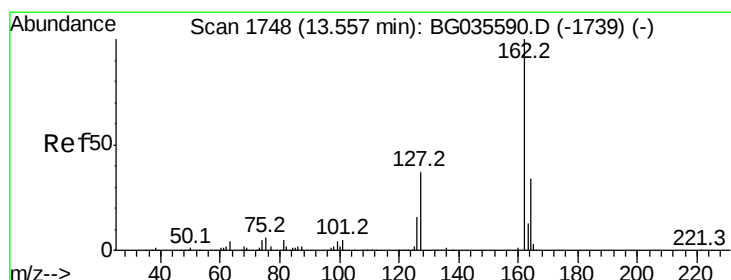
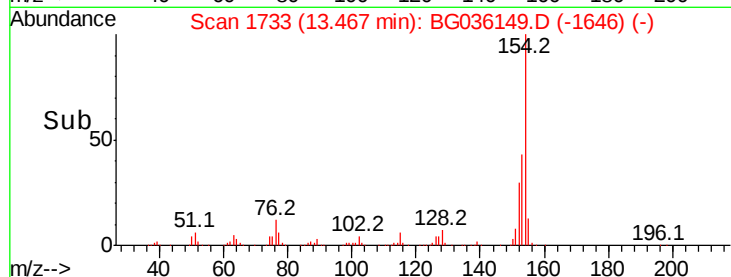
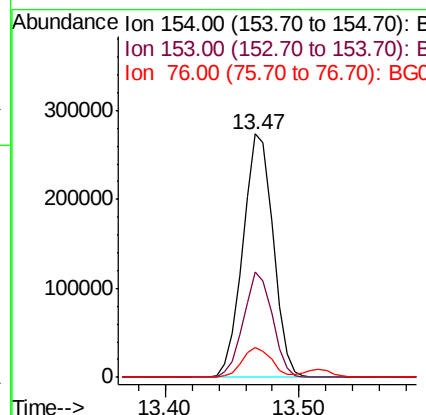
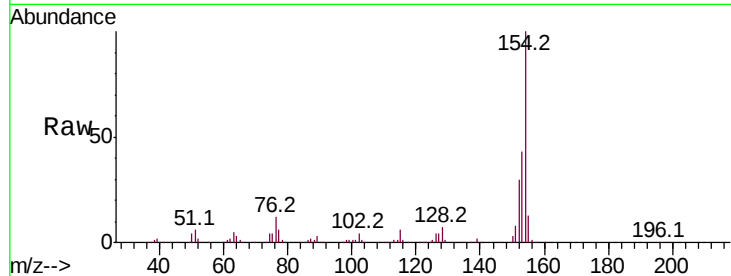
#45
 1,1'-Biphenyl
 Concen: 50.071 ng
 RT: 13.47 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG036149.D
 Acq: 7 Aug 2018 5:56

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.1	19.8	59.8
76	12.1	0.0	31.9

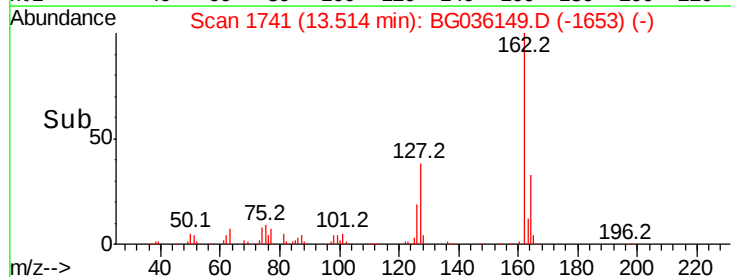
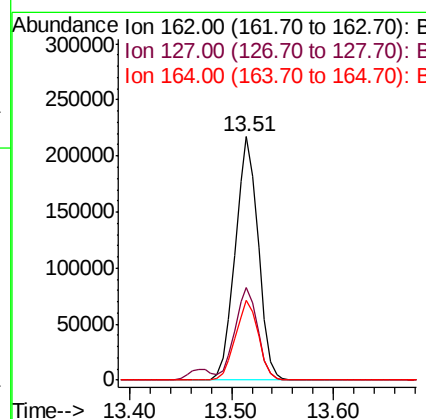
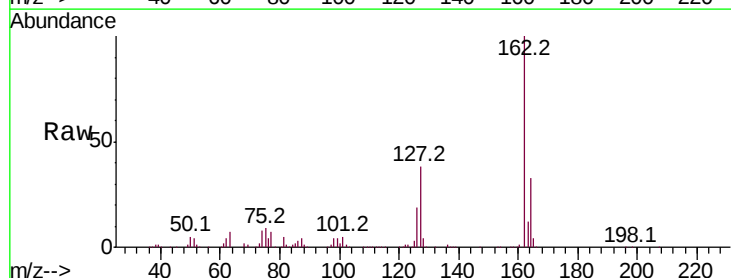
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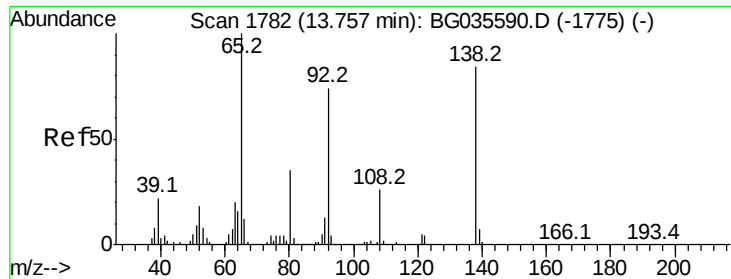
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#46
 2-Chloronaphthalene
 Concen: 51.268 ng
 RT: 13.51 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG036149.D
 Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.7	46.1
164	33.0	26.0	39.0





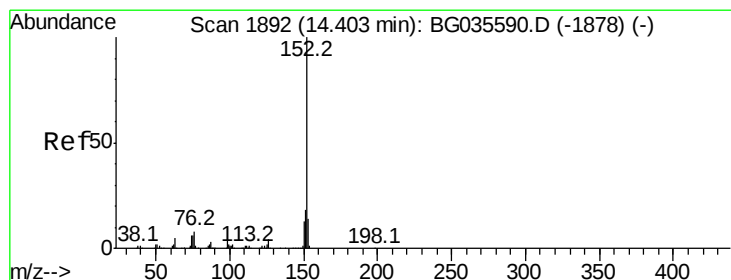
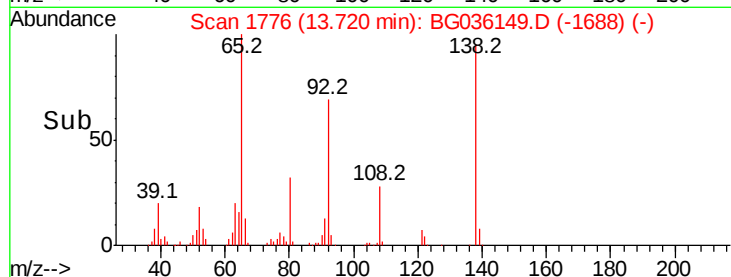
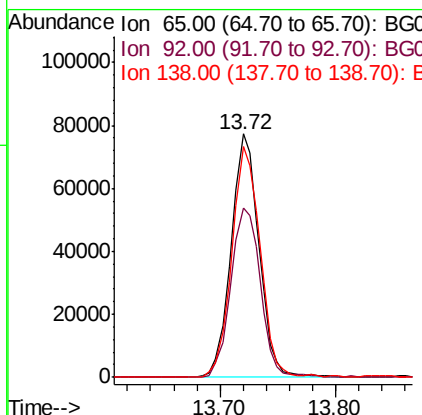
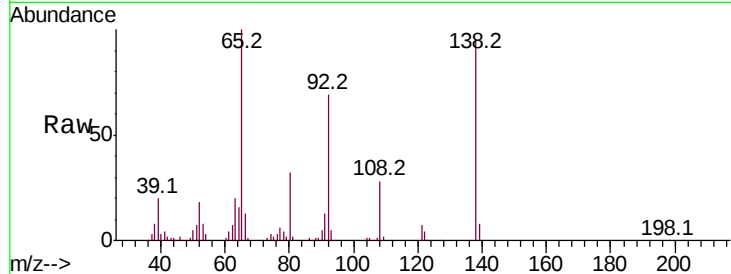
#47
2-Nitroaniline
Concen: 55.149 ng
RT: 13.72 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.5	54.6	82.0
138	94.8	72.9	109.3

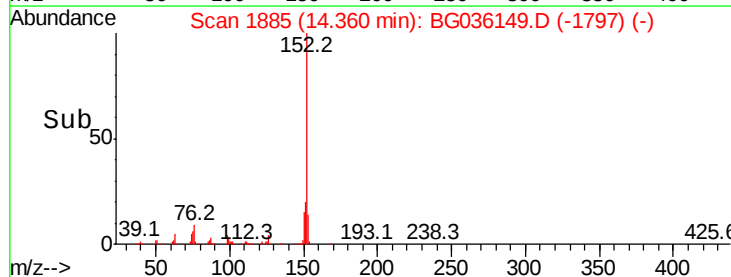
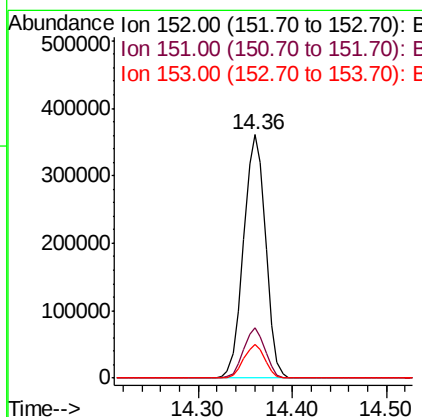
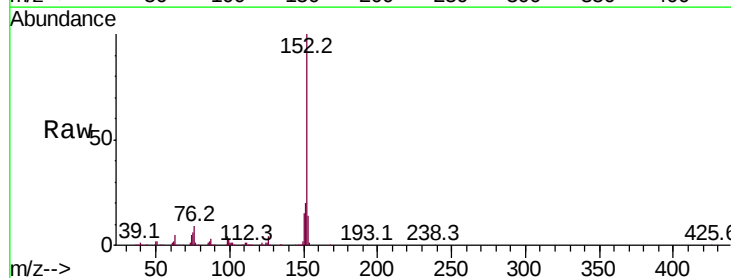
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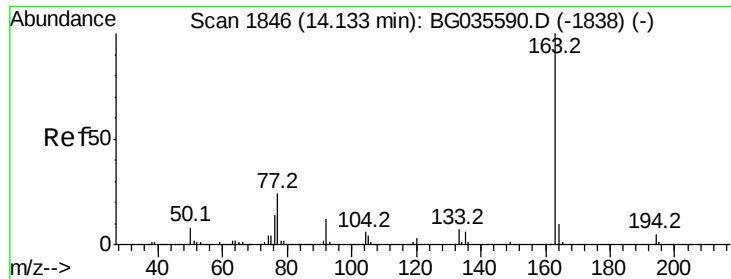
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#48
Acenaphthylene
Concen: 52.465 ng
RT: 14.36 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.2	25.8
153	14.0	10.2	15.4





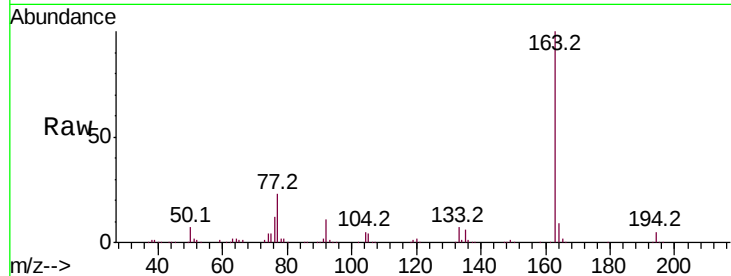
#49
Dimethylphthalate
Concen: 53.314 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMSD

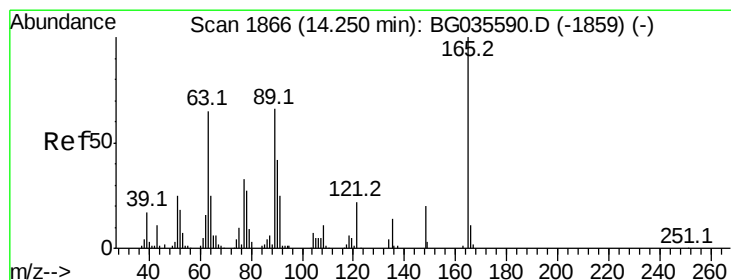
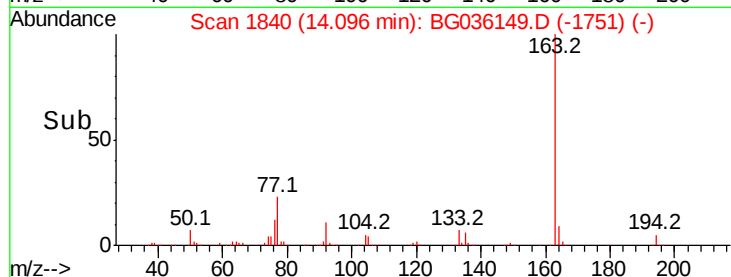
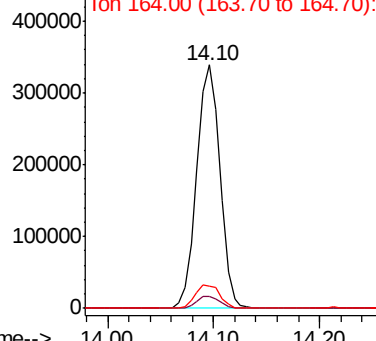
Tot Ion	Ratio	Resp	Lower	Upper
163	100	514655		
194	5.1	3.4	5.2	
164	9.3	8.2	12.4	

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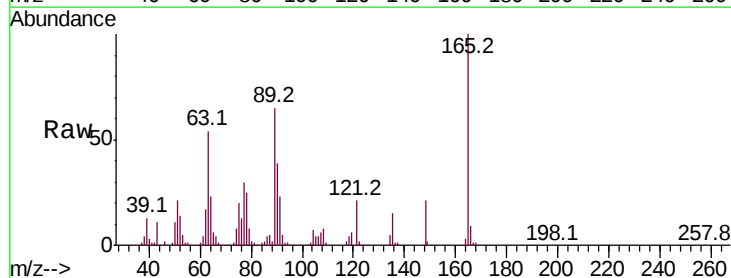


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

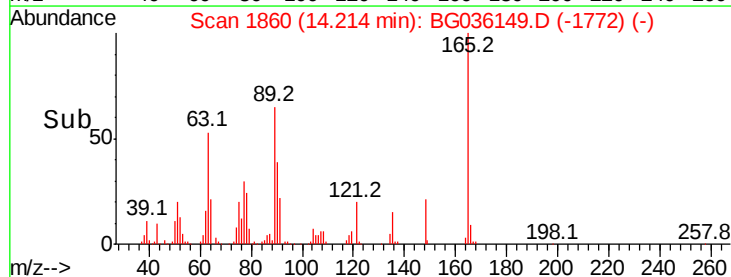
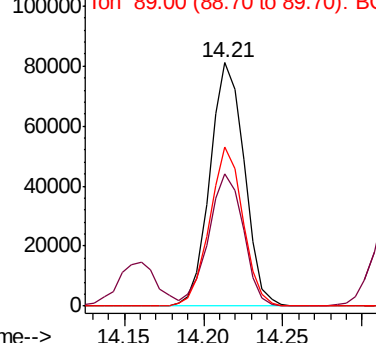


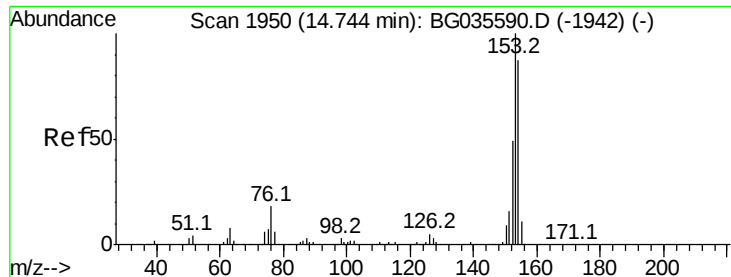
#50
2,6-Dinitrotoluene
Concen: 61.937 ng
RT: 14.21 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	121754		
63	54.4	52.7	79.1	
89	65.3	49.2	73.8	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 49.622 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Instrument :

BNA_G

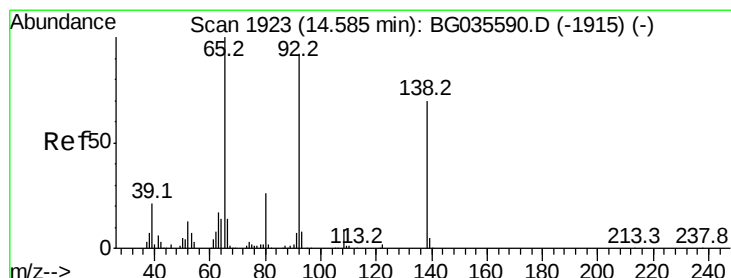
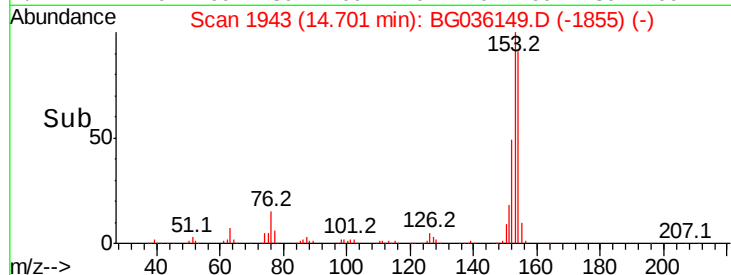
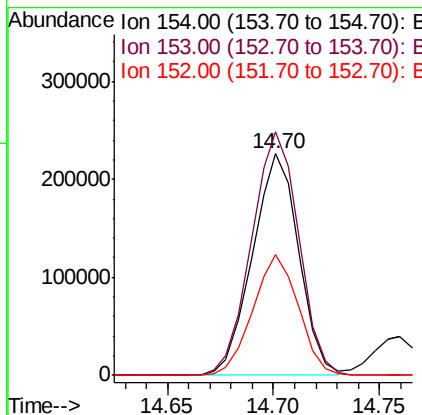
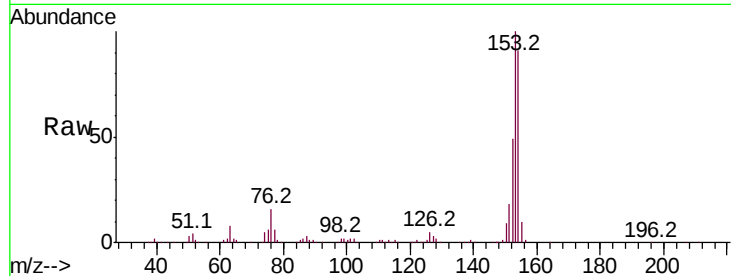
ClientSampleId :

OR-02-080318-AMSD

Tot Ion:	154	Resp:	344051
Ion Ratio	Lower	Upper	
154	100		
153	109.9	90.4	135.6
152	54.2	41.6	62.4

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#52

3-Nitroaniline

Concen: 27.279 ng

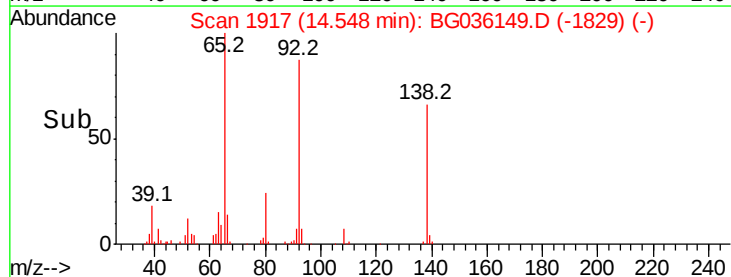
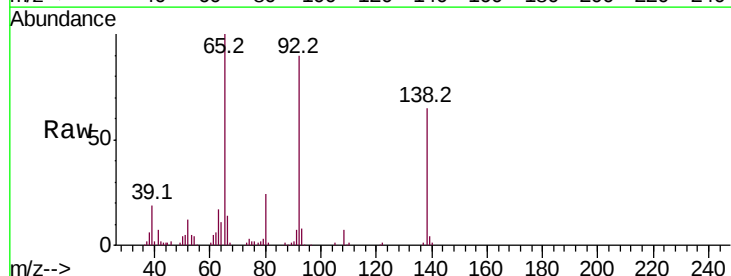
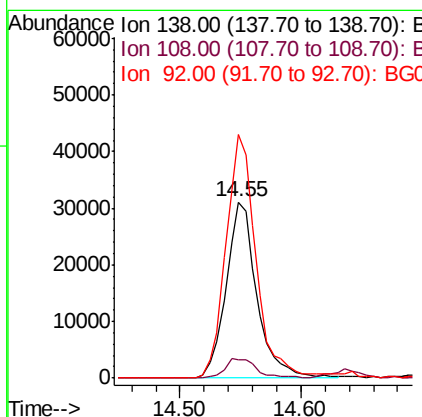
RT: 14.55 min Scan# 1917

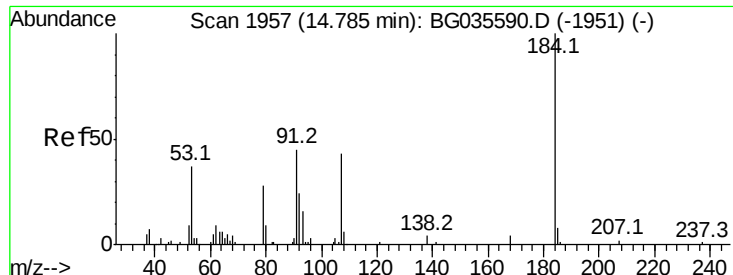
Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Tgt Ion:	138	Resp:	54807
Ion Ratio	Lower	Upper	
138	100		
108	10.3	17.5	26.3#
92	138.0	105.8	158.8





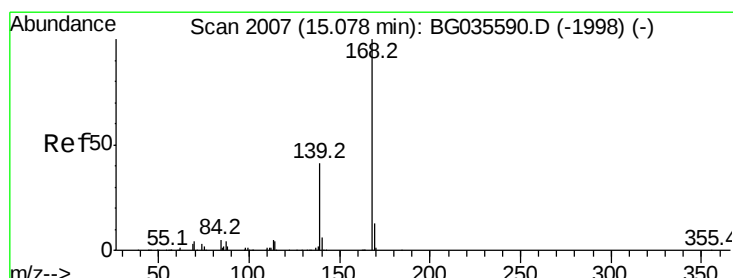
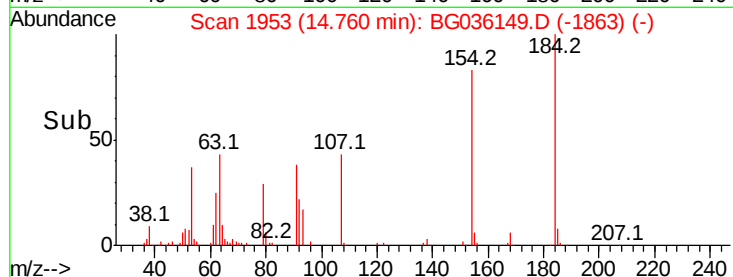
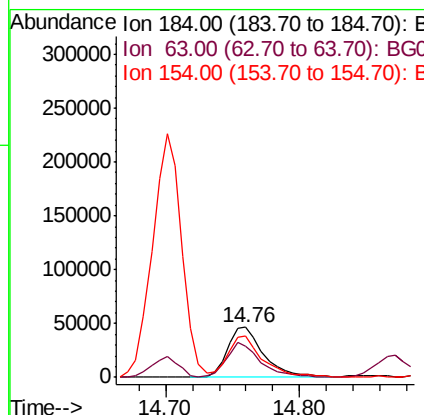
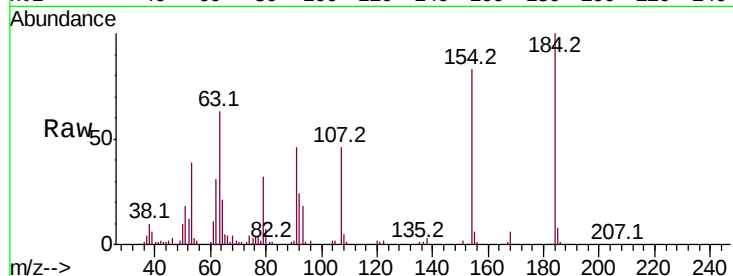
#53
2,4-Dinitrophenol
Concen: 87.185 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	62.7	59.8	89.8	
154	83.5	101.8	152.8	

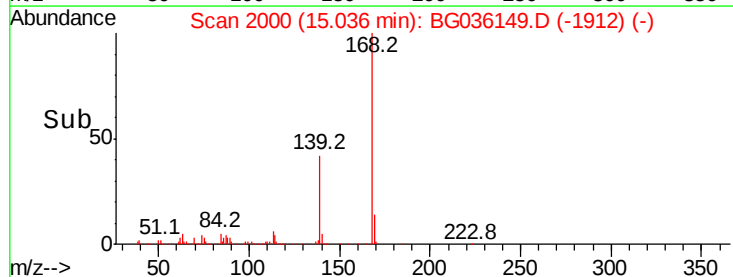
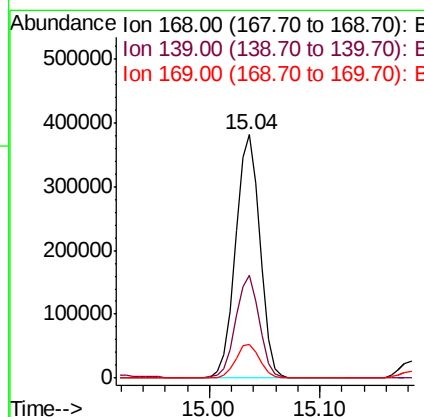
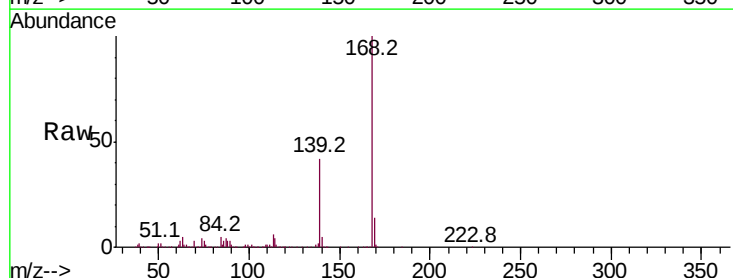
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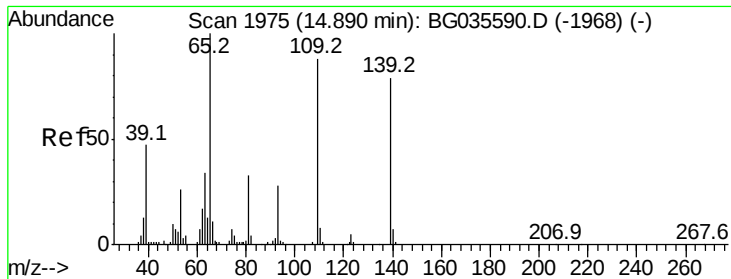
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#54
Dibenzofuran
Concen: 53.414 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.4	28.6	43.0	
169	14.0	11.2	16.8	





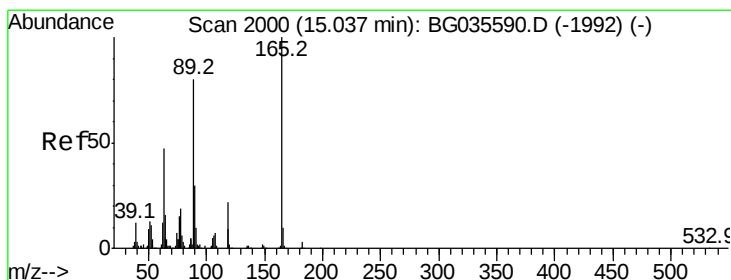
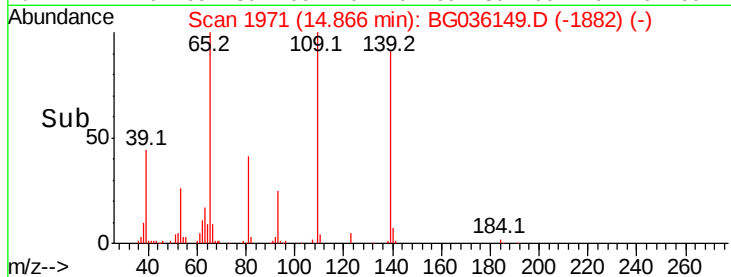
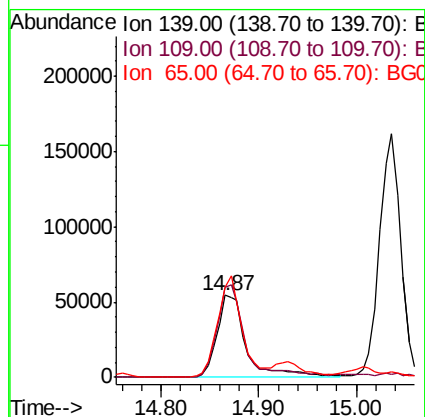
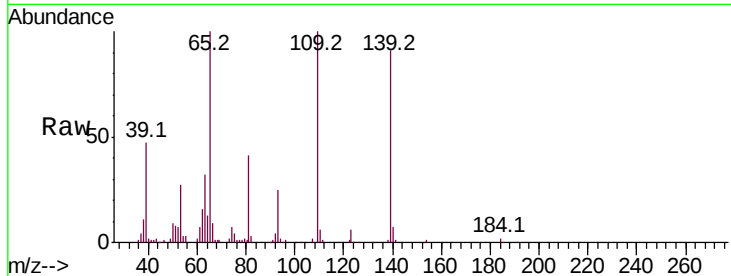
#55
4-Nitrophenol
Concen: 79.180 ng
RT: 14.87 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	110.4	62.2	102.2#	
65	110.2	97.2	137.2	

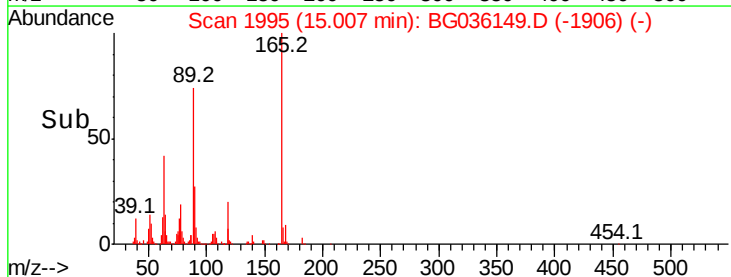
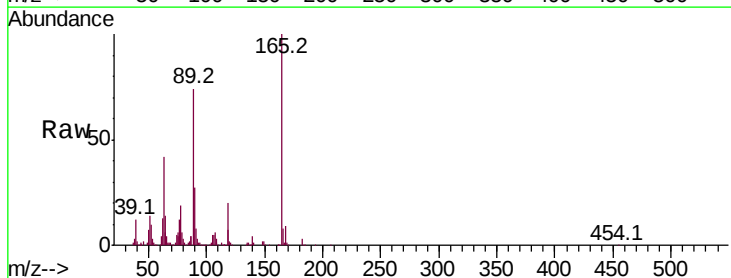
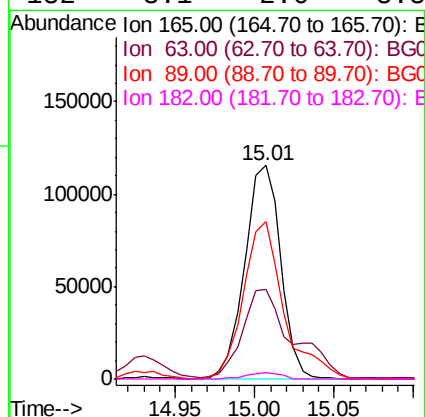
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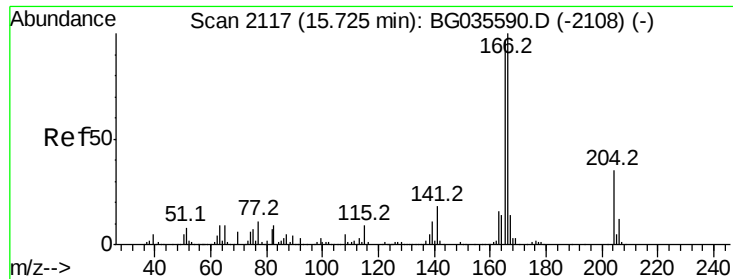
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#56
2,4-Dinitrotoluene
Concen: 64.346 ng
RT: 15.01 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.8	42.0	63.0#	
89	73.9	66.9	100.3	
182	3.1	2.6	3.8	





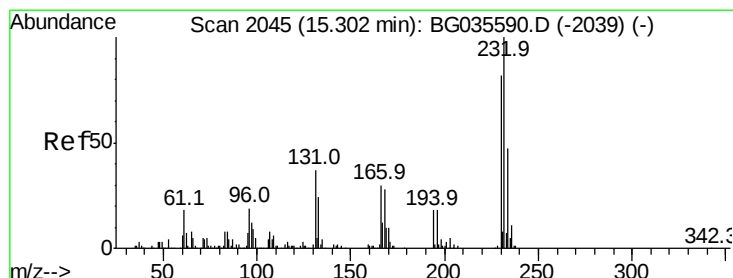
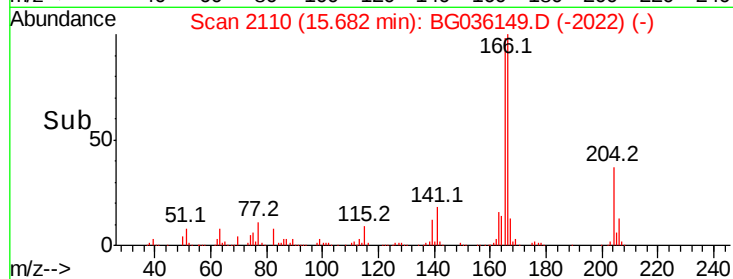
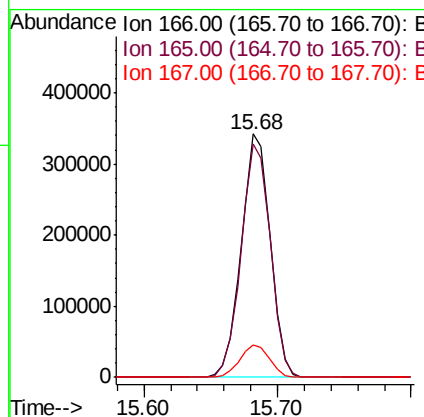
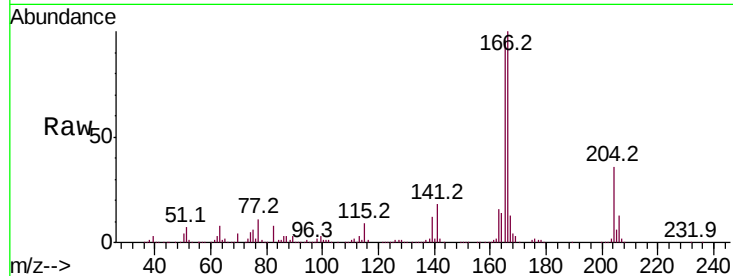
#57
 Fluorene
 Concen: 55.280 ng
 RT: 15.68 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG036149.D
 Acq: 7 Aug 2018 5:56

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.1	80.6	121.0	
167	13.5	10.4	15.6	

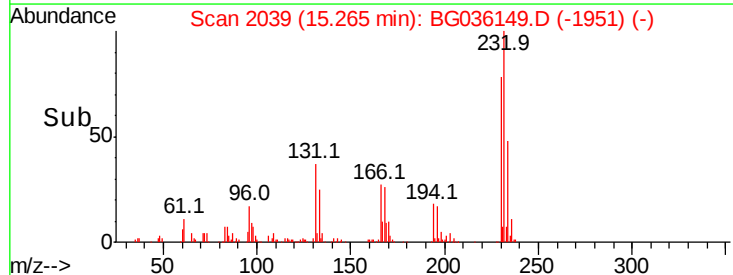
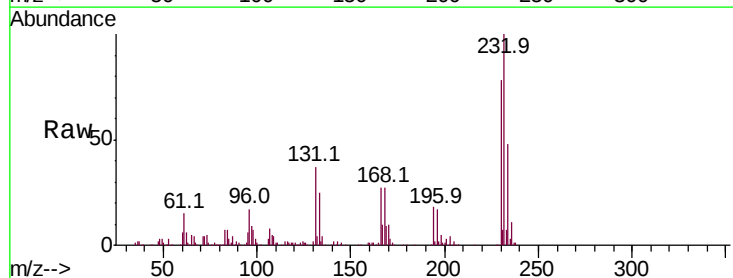
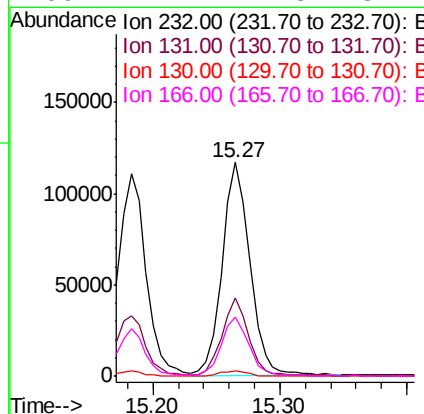
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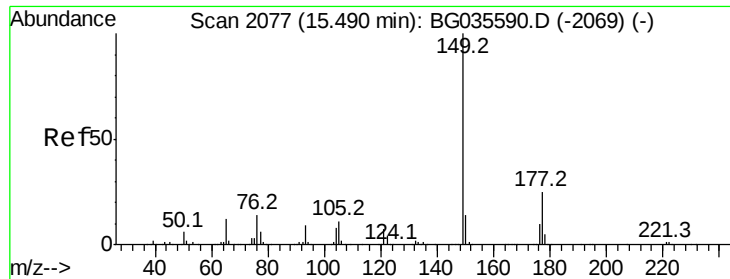
Sohil
 8/7/2018 6:54:33 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 67.547 ng
 RT: 15.27 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG036149.D
 Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	35.3	33.5	50.3	
130	2.2	2.2	3.2	
166	27.4	24.8	37.2	





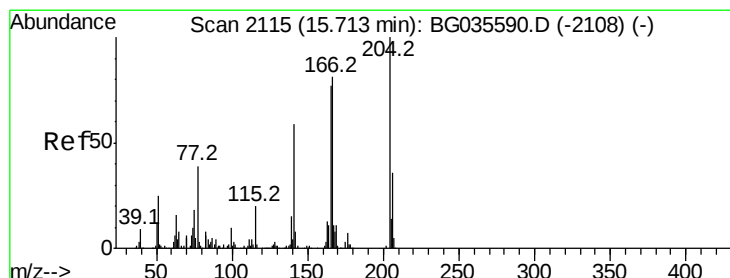
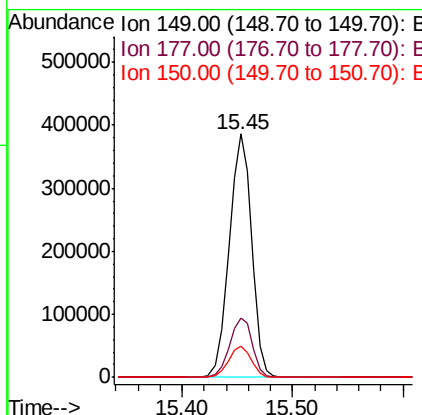
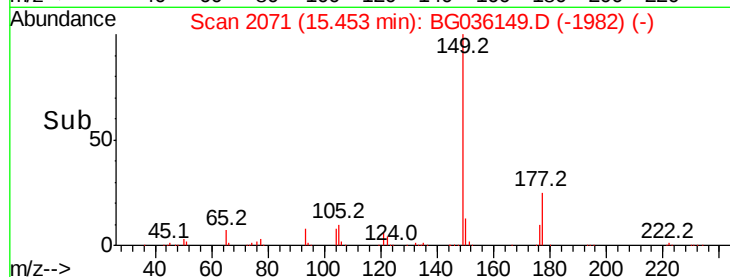
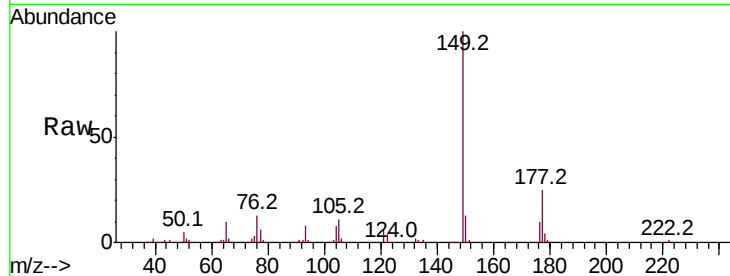
#59
Diethylphthalate
Concen: 55.180 ng
RT: 15.45 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	547719		
177	24.5	18.5	27.7	
150	12.7	10.2	15.2	

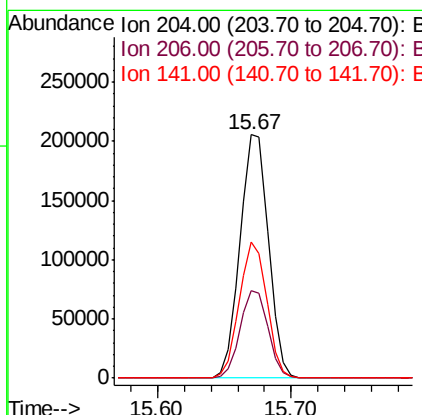
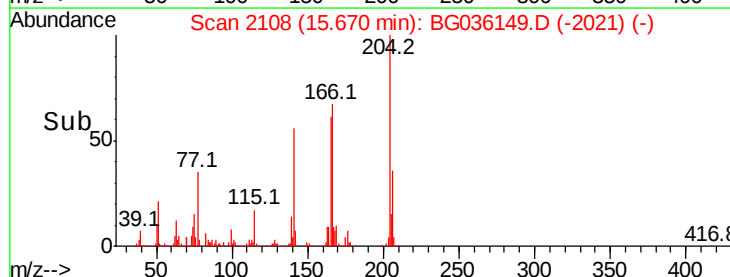
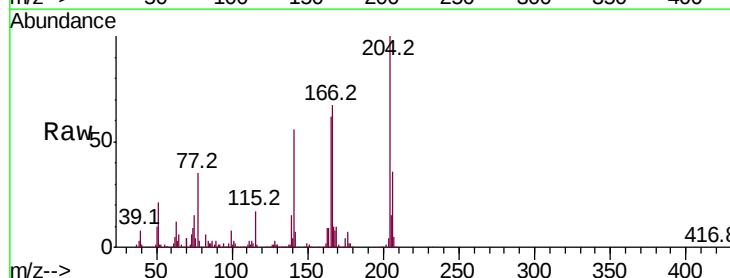
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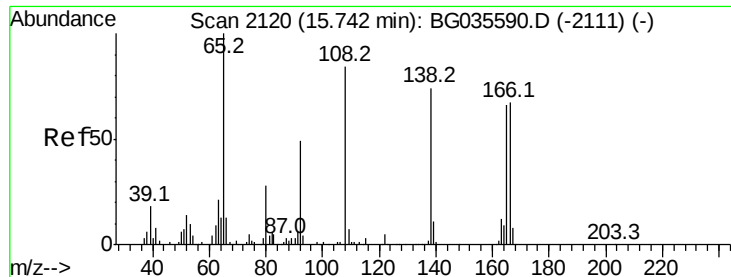
Sohil
8/7/2018 6:54:33 PM



#60
4-Chlorophenyl-phenylether
Concen: 55.717 ng
RT: 15.67 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	302651		
206	35.8	26.2	39.2	
141	55.9	45.8	68.6	





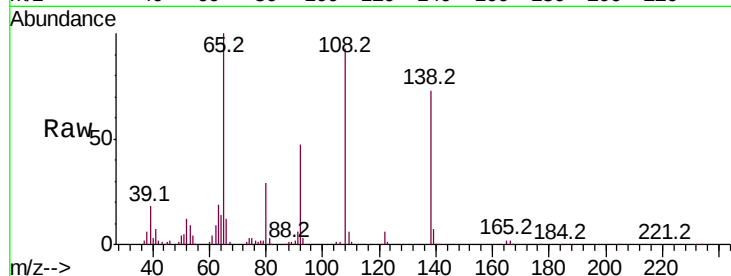
#61
4-Nitroaniline
Concen: 46.766 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	64.1	40.1	80.1
108	126.9	65.4	105.4

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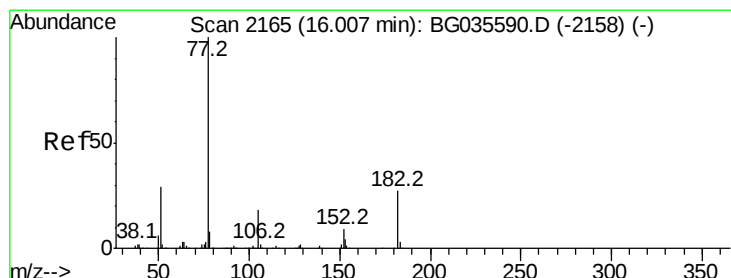
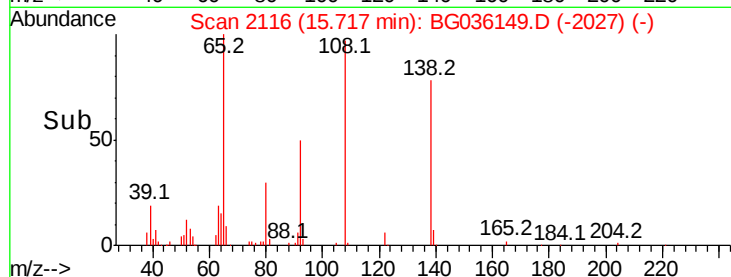
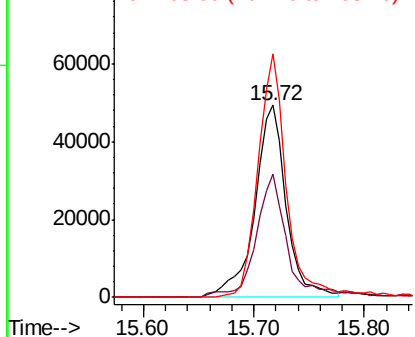


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 53.643 ng
RT: 15.97 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.2	7.4	47.4
105	19.1	0.3	40.3
51	25.9	11.6	51.6

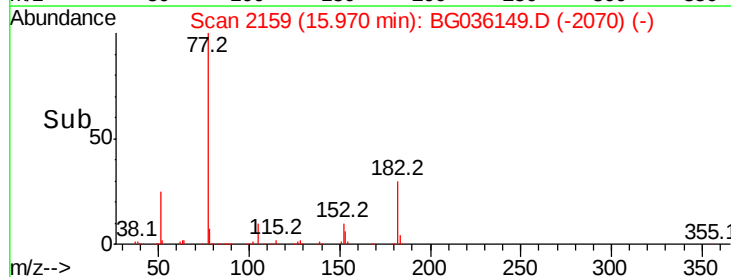
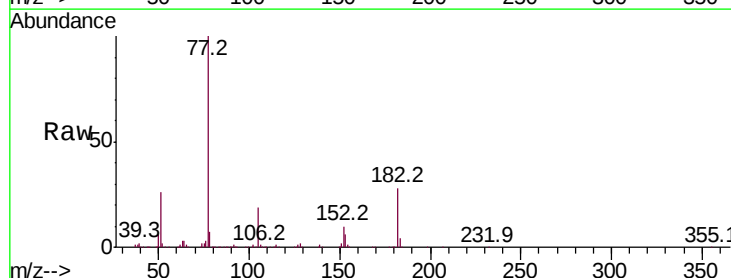
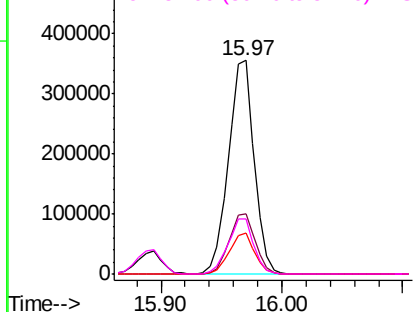
Abundance

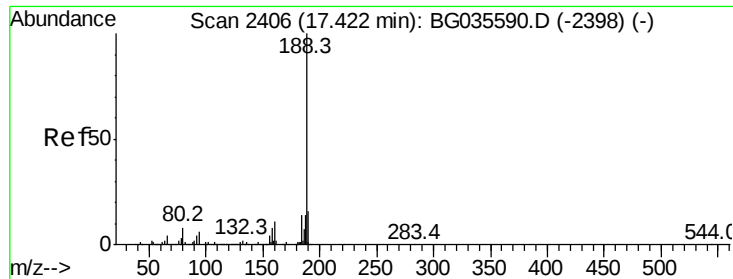
Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Instrument :

BNA_G

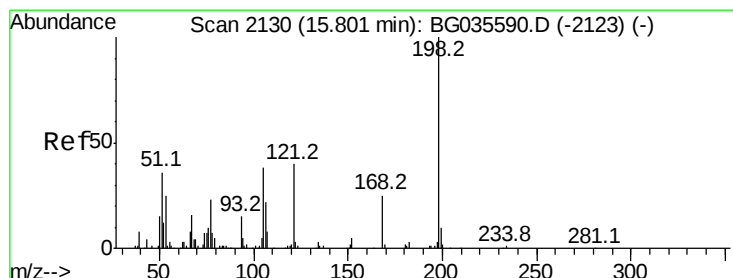
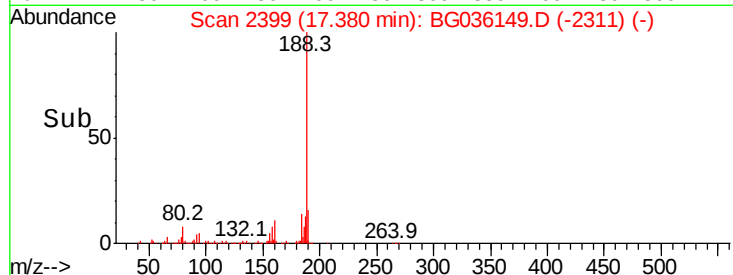
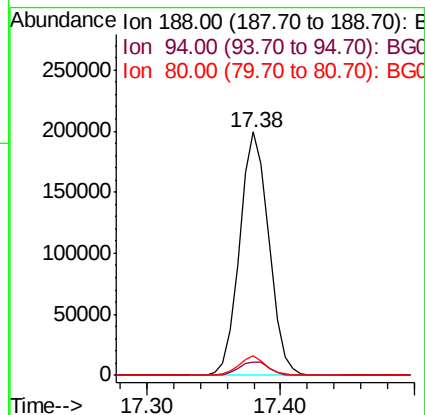
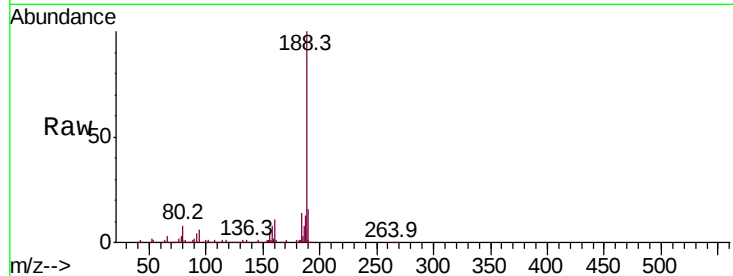
ClientSampleId :

OR-02-080318-AMSD

Tot Ion:188	Resp:	300660
Ion Ratio	Lower	Upper
188 100		
94 5.5	6.9	10.3#
80 8.2	7.7	11.5

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#64

4,6-Dinitro-2-methylphenol

Concen: 54.216 ng

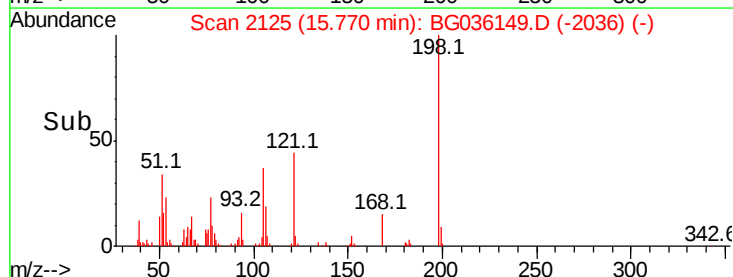
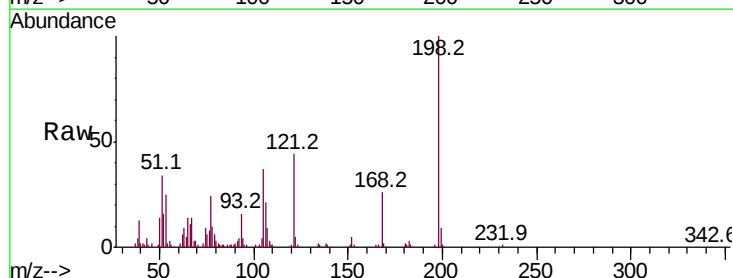
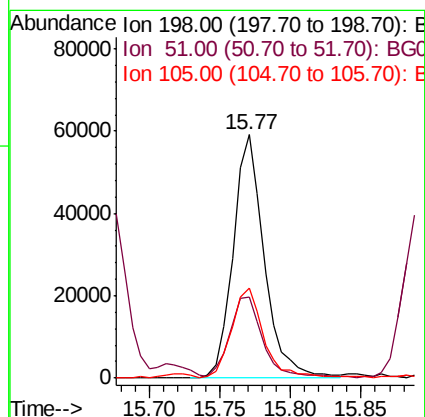
RT: 15.77 min Scan# 2125

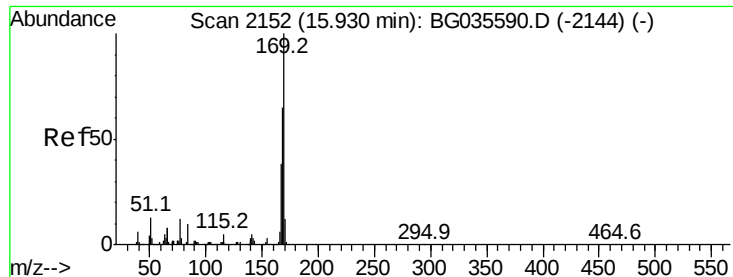
Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Tgt Ion:198	Resp:	90740
Ion Ratio	Lower	Upper
198 100		
51 33.5	30.6	70.6
105 36.7	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 55.046 ng

RT: 15.89 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Instrument :

BNA_G

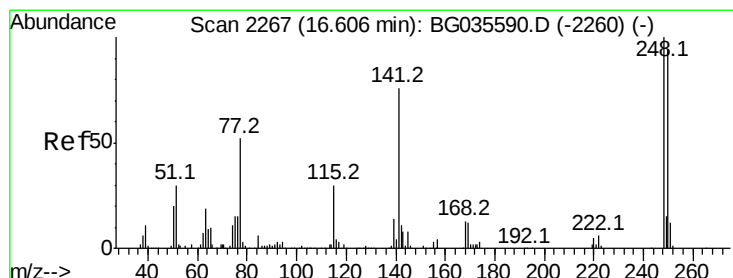
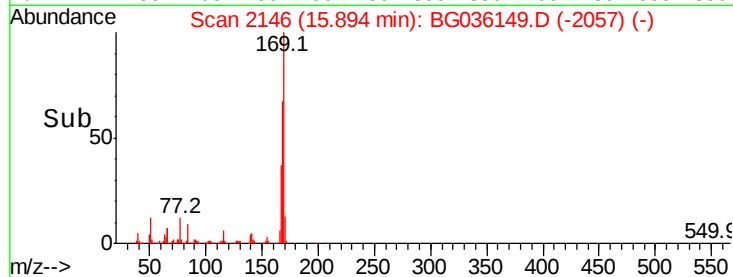
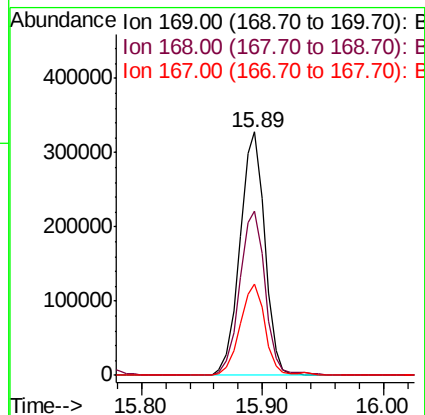
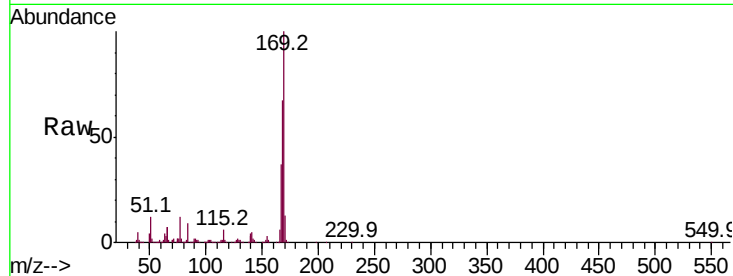
ClientSampleId :

OR-02-080318-AMSD

Tot Ion:	169	Resp:	471076
Ion Ratio	Lower	Upper	
169	100		
168	67.3	55.7	83.5
167	37.3	30.1	45.1

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 61.690 ng

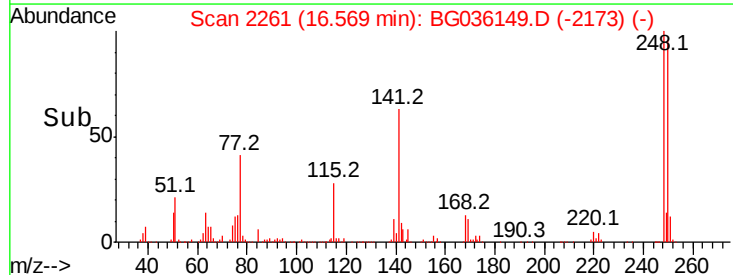
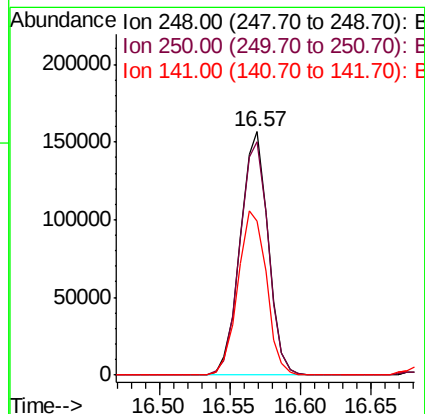
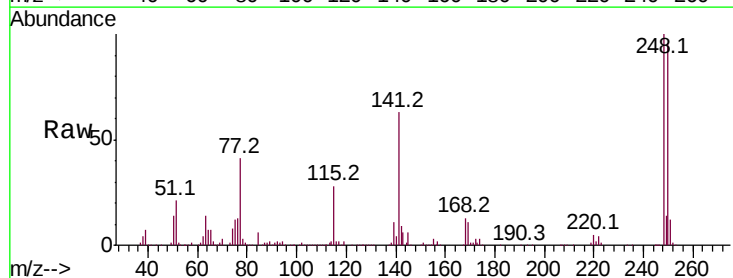
RT: 16.57 min Scan# 2261

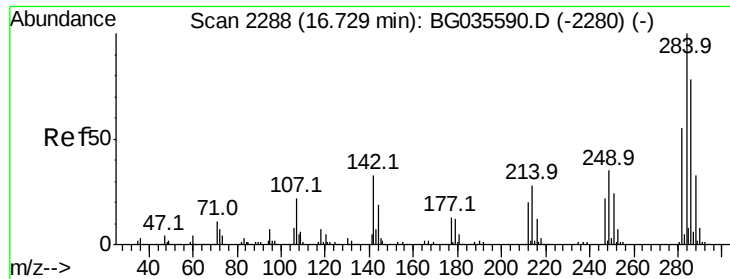
Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Tgt Ion:	248	Resp:	215186
Ion Ratio	Lower	Upper	
248	100		
250	95.8	77.1	115.7
141	63.5	50.8	76.2





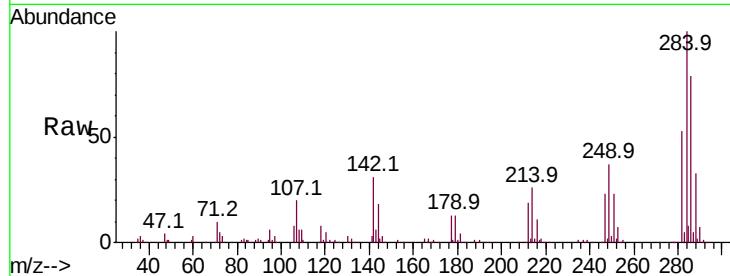
#67
Hexachlorobenzene
Concen: 60.973 ng
RT: 16.69 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	30.8	26.8	40.2
249	36.6	26.3	39.5

Manual Integrations
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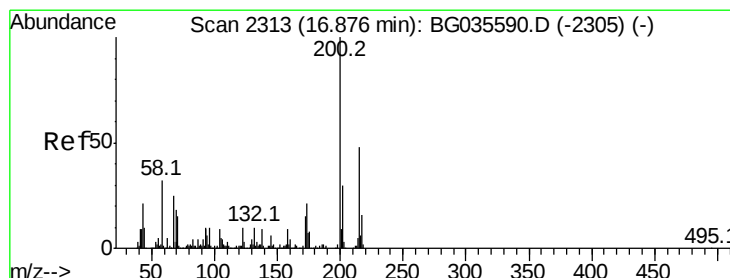
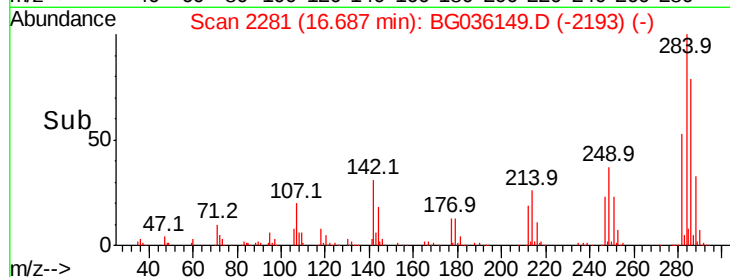
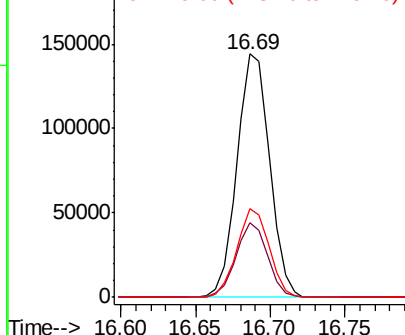


Abundance

Ion 283.80 (283.50 to 284.50): E

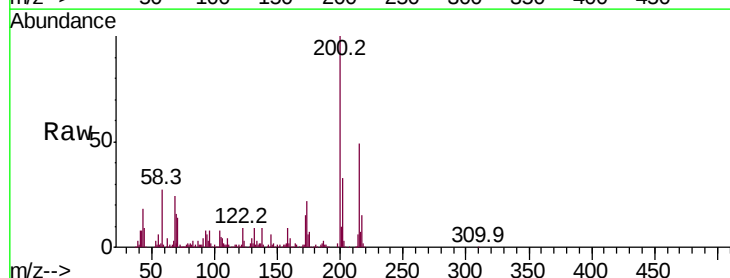
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 55.680 ng
RT: 16.84 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	22.3	5.2	45.2
215	48.5	30.4	70.4

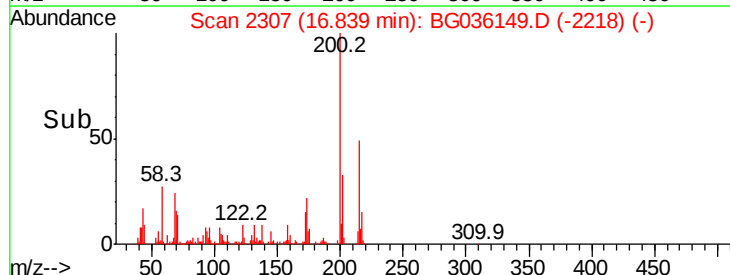
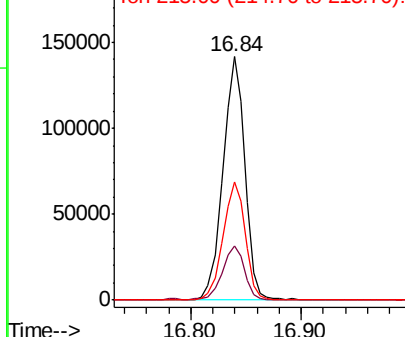


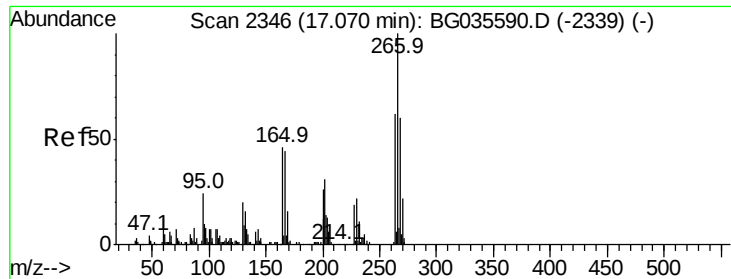
Abundance

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





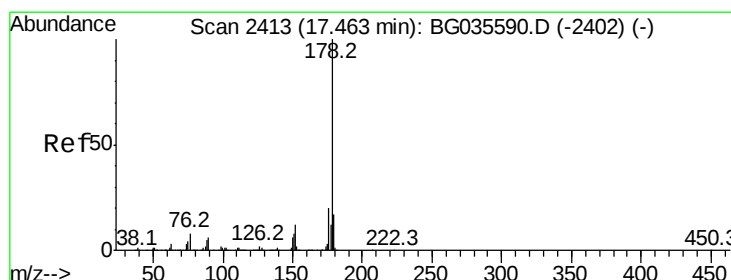
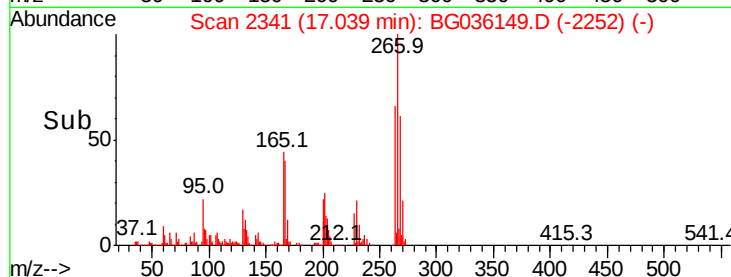
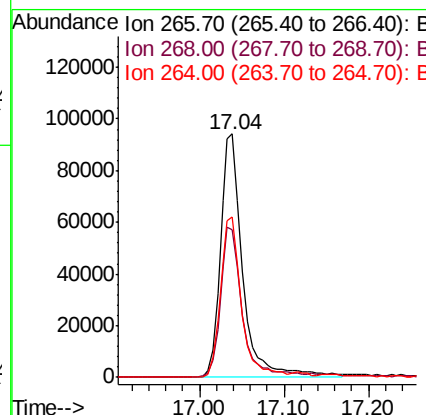
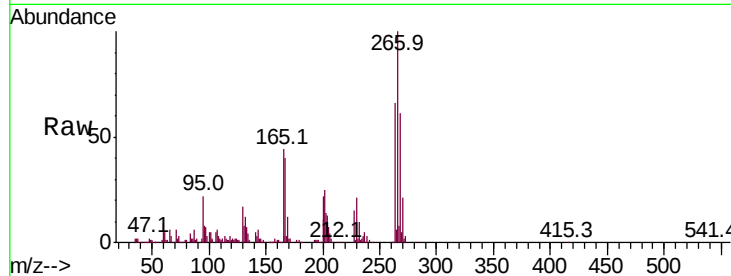
#69
 Pentachlorophenol
 Concen: 79.518 ng
 RT: 17.04 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BG036149.D
 Acq: 7 Aug 2018 5:56

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.6	51.1	76.7
264	66.1	49.6	74.4

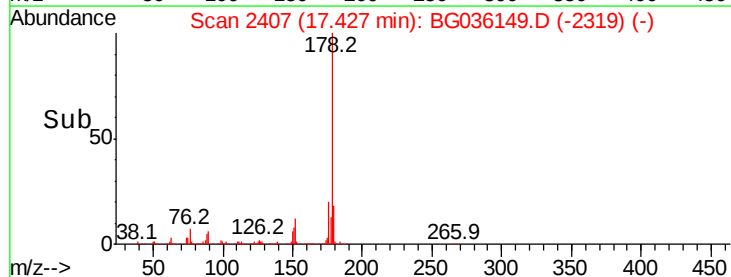
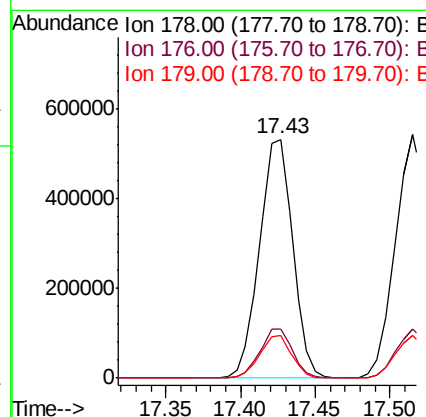
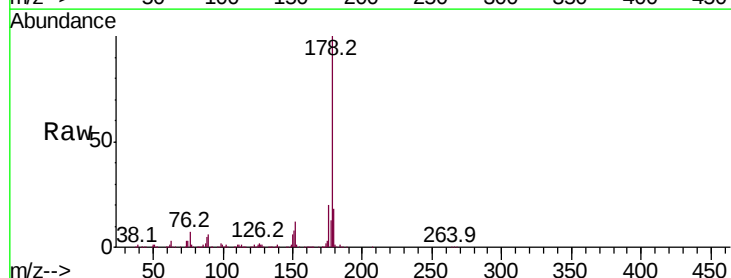
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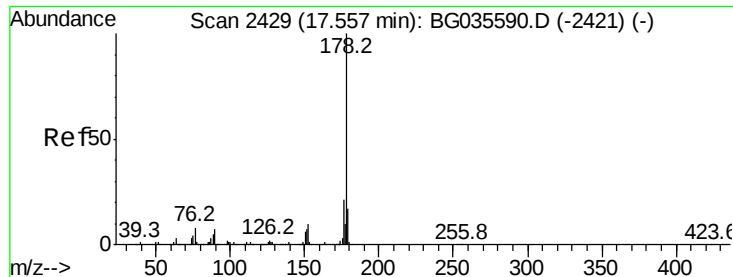
Sohil
 8/7/2018 6:54:33 PM



#70
 Phenanthrene
 Concen: 54.630 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036149.D
 Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.7	23.5
179	17.8	12.5	18.7





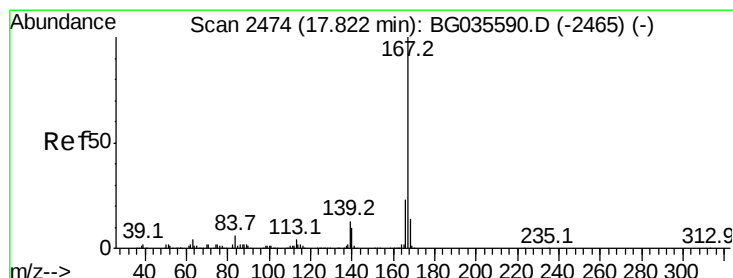
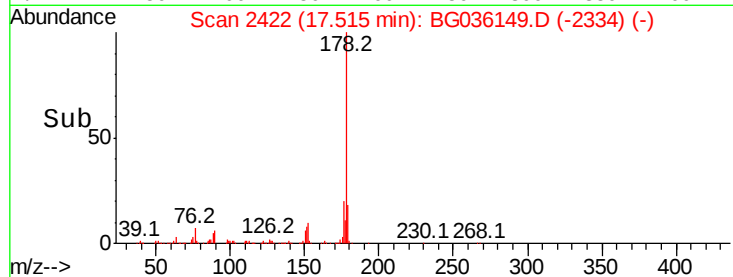
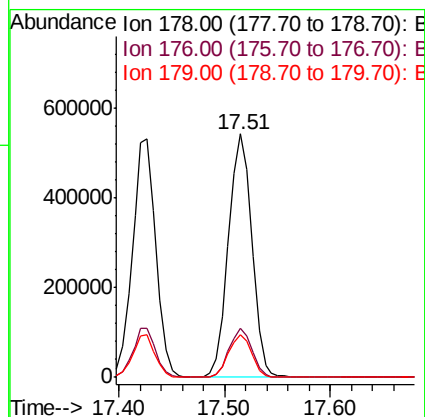
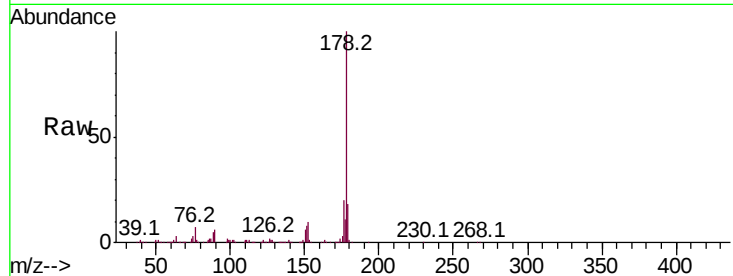
#71
 Anthracene
 Concen: 55.733 ng
 RT: 17.51 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG036149.D
 Acq: 7 Aug 2018 5:56

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMSD

Tot Ion:	178	Resp:	832555
Ion Ratio	Lower	Upper	
178	100		
176	20.2	16.0	24.0
179	17.5	12.5	18.7

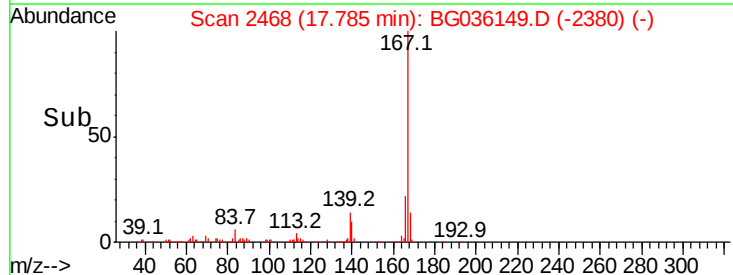
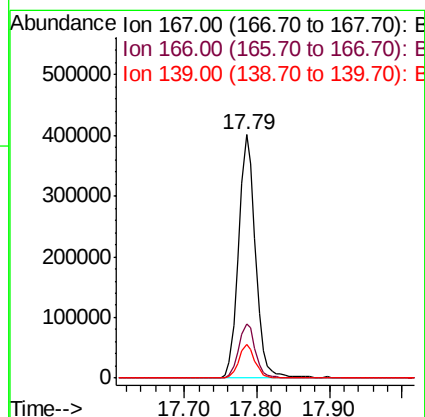
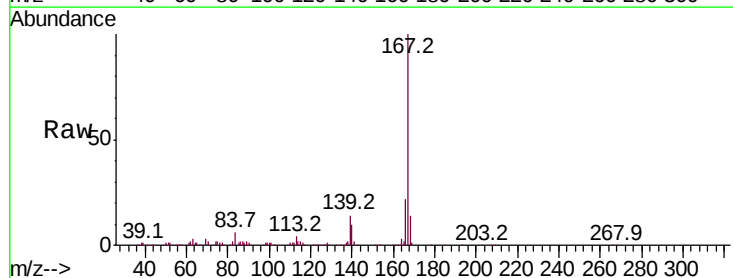
Manual Integrations
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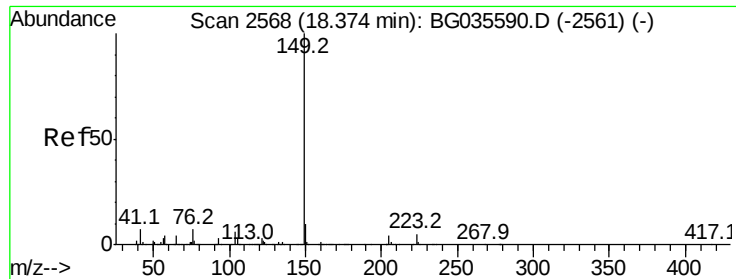
Sohil
 8/7/2018 6:54:33 PM



#72
 Carbazole
 Concen: 46.023 ng
 RT: 17.79 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BG036149.D
 Acq: 7 Aug 2018 5:56

Tgt Ion:	167	Resp:	652912
Ion Ratio	Lower	Upper	
167	100		
166	22.4	18.2	27.4
139	13.6	9.4	14.2





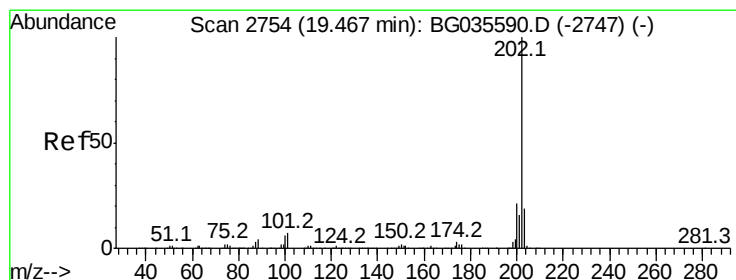
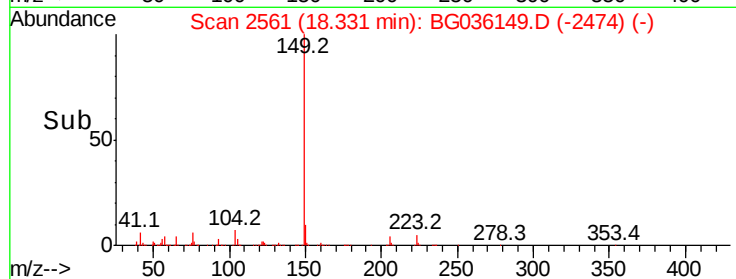
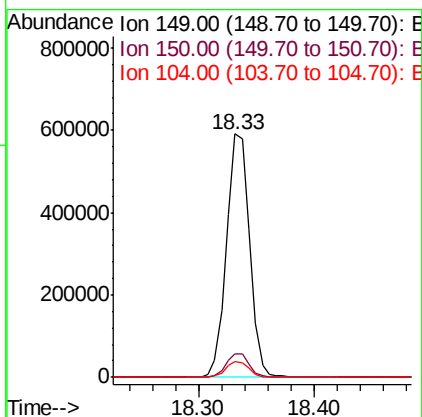
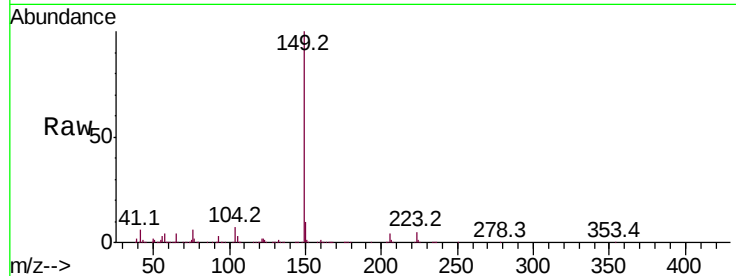
#73
Di-n-butylphthalate
Concen: 48.722 ng
RT: 18.33 min Scan# 2561
Delta R.T. -0.02 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.6	7.8	11.6
104	6.6	3.9	5.9

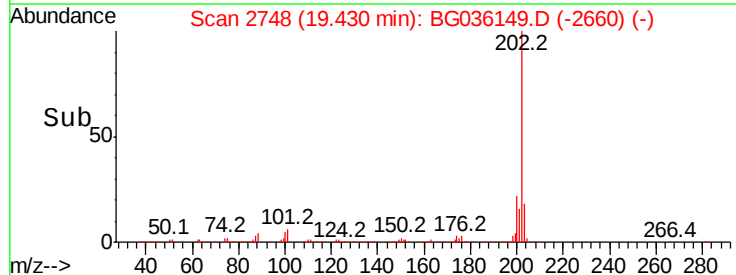
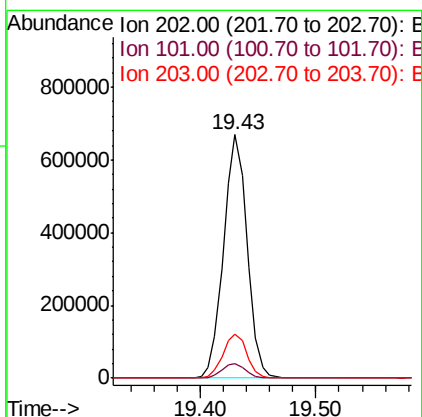
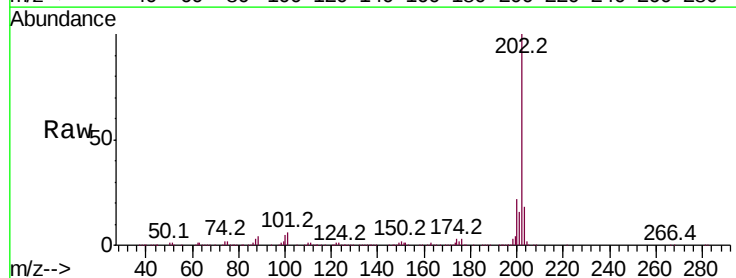
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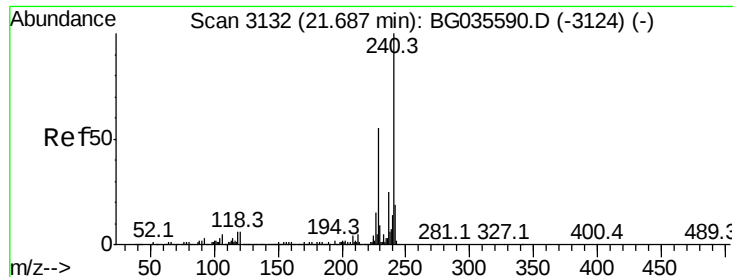
Sohil
8/7/2018 6:54:33 PM



#74
Fluoranthene
Concen: 46.675 ng
RT: 19.43 min Scan# 2748
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	6.1	0.0	28.9
203	17.9	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Instrument :

BNA_G

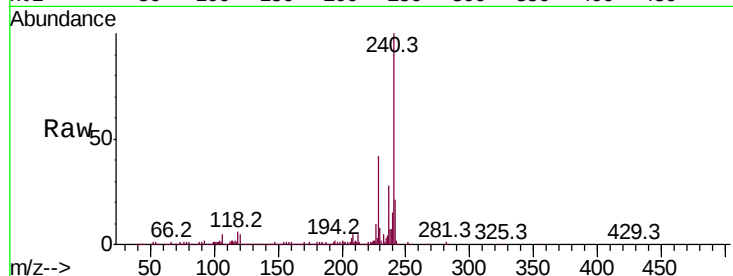
ClientSampleId :

OR-02-080318-AMSD

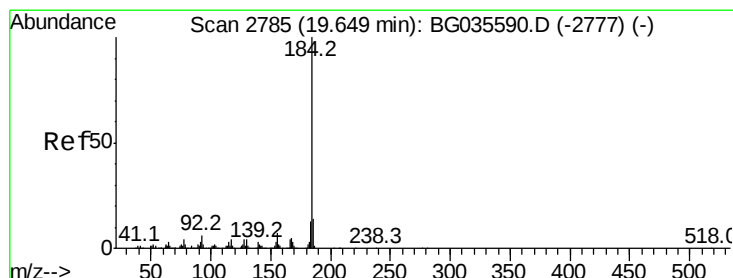
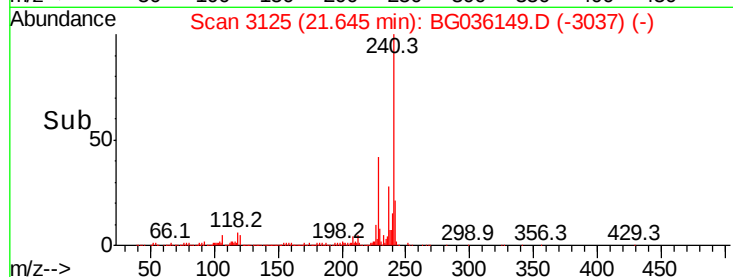
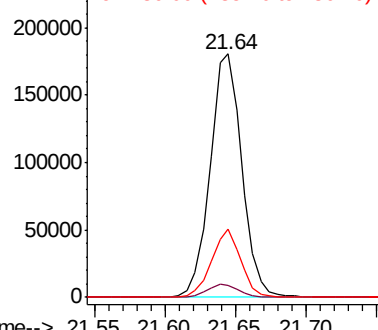
Tot Ion:	240	Resp:	282169
Ion Ratio	Lower	Upper	
240	100		
120	5.0	6.8	10.2#
236	28.1	20.9	31.3

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8/7/2018 6:54:33 PM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 49.444 ng

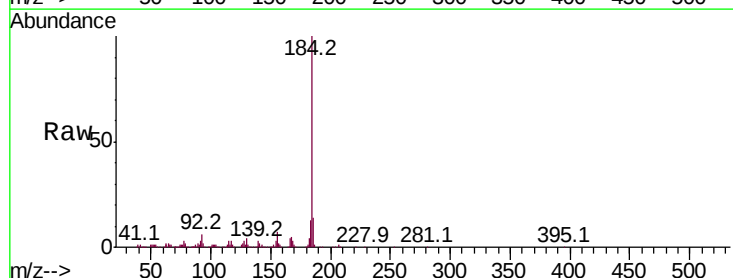
RT: 19.61 min Scan# 2779

Delta R.T. -0.01 min

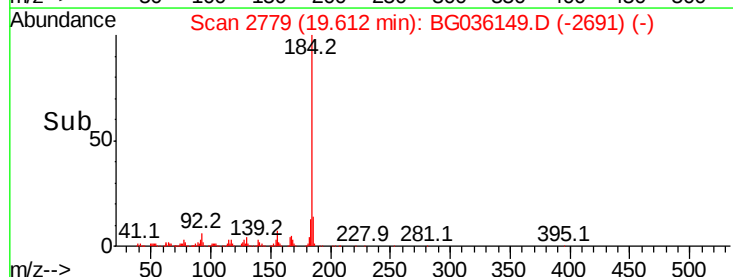
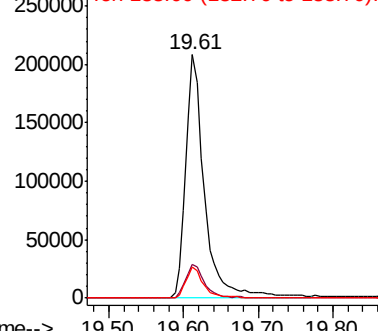
Lab File: BG036149.D

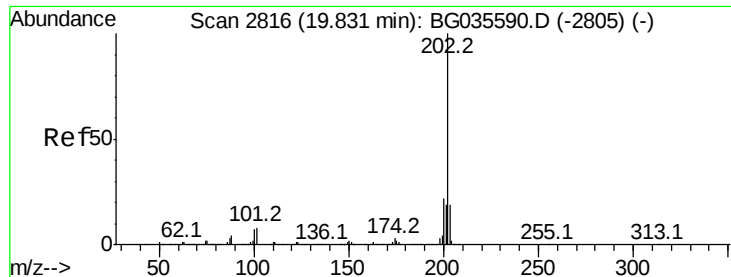
Acq: 7 Aug 2018 5:56

Tgt Ion:	184	Resp:	366787
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.1	16.7
183	12.9	10.6	16.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





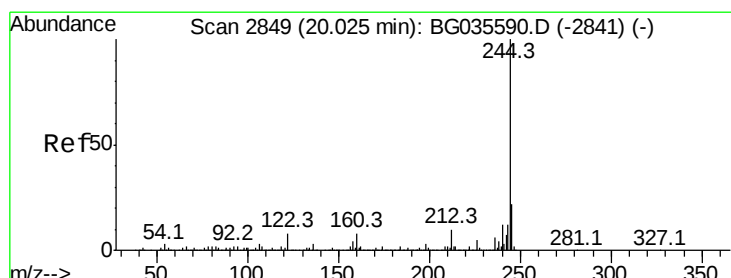
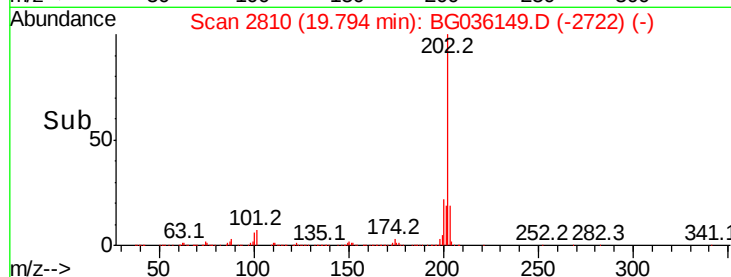
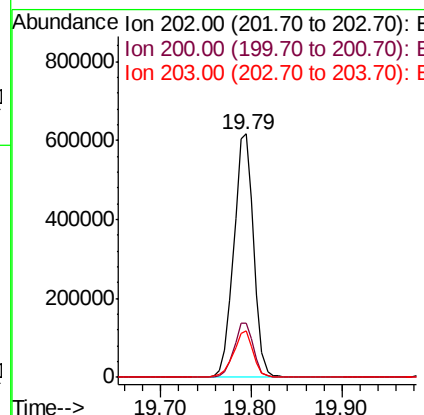
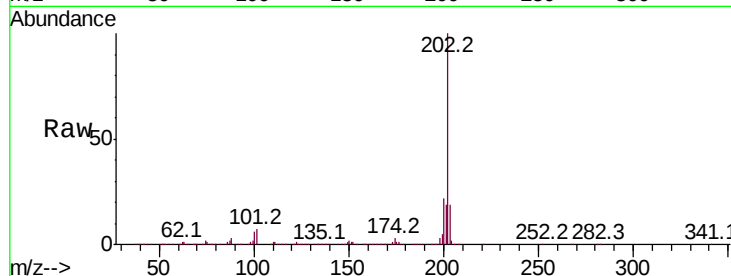
#77
Pvrene
Concen: 52.944 ng
RT: 19.79 min Scan# 2810
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.2	16.9	25.3	
203	19.0	13.9	20.9	

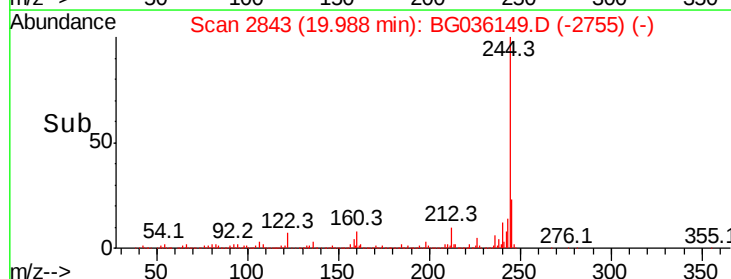
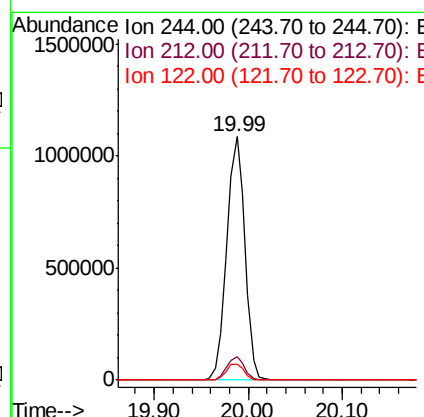
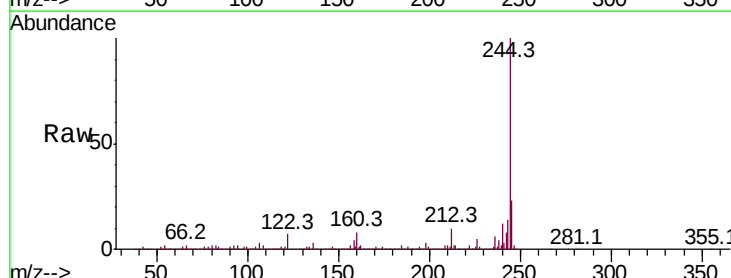
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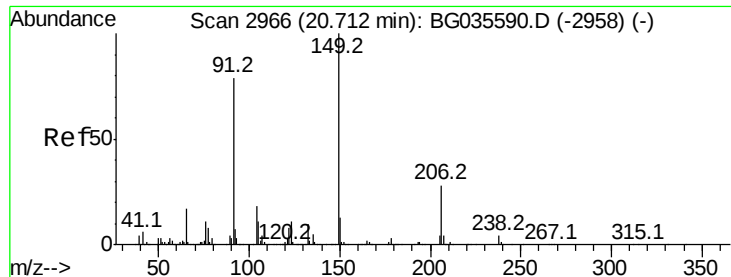
Sohil
8/7/2018 6:54:33 PM



#78
Terphenyl-d14
Concen: 113.992 ng
RT: 19.99 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	9.9	5.8	8.8#	
122	6.5	7.0	10.4#	





#79

Butylbenzylphthalate

Concen: 56.709 ng

RT: 20.67 min Scan# 2959

Delta R.T. -0.01 min

Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Instrument :

BNA_G

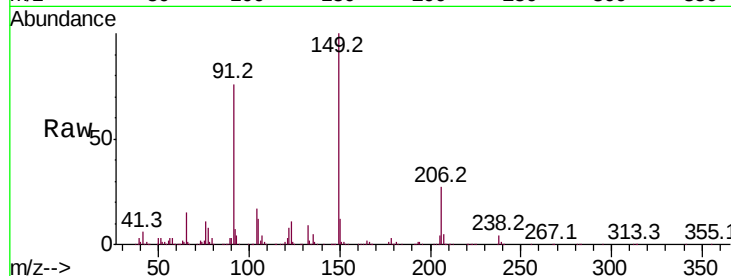
ClientSampleId :

OR-02-080318-AMSD

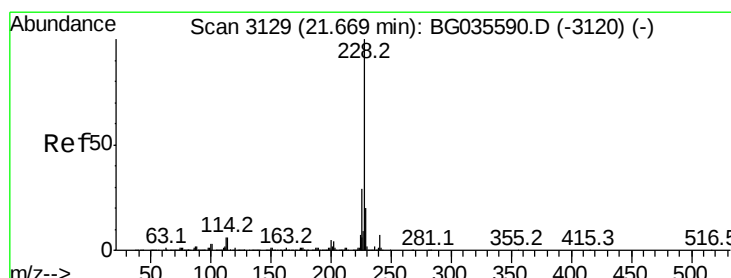
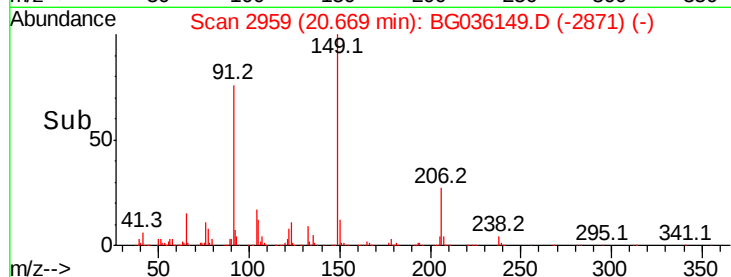
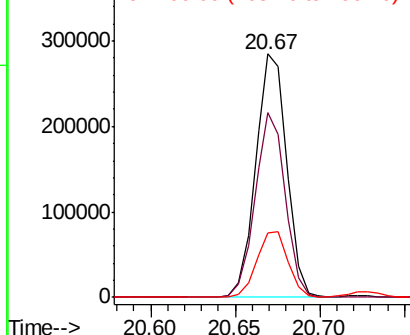
Tot Ion:	149	Resp:	361823
Ion Ratio	Lower	Upper	
149	100		
91	75.7	62.2	93.2
206	26.7	18.6	27.8

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 53.497 ng

RT: 21.62 min Scan# 3121

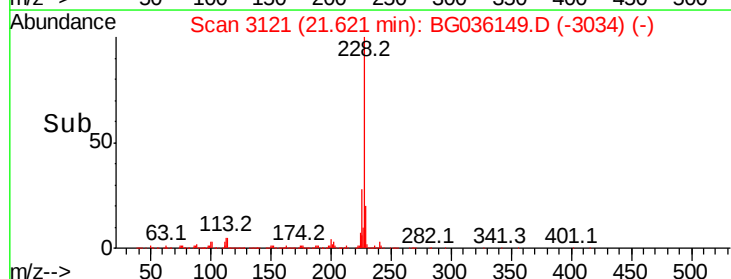
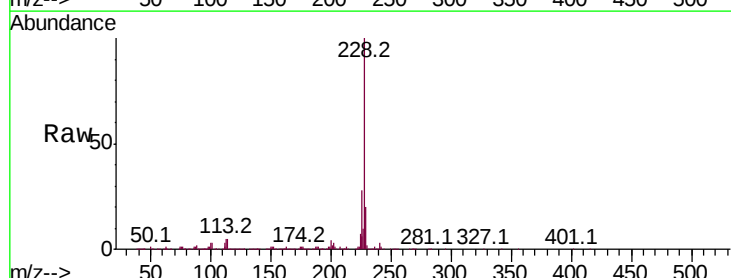
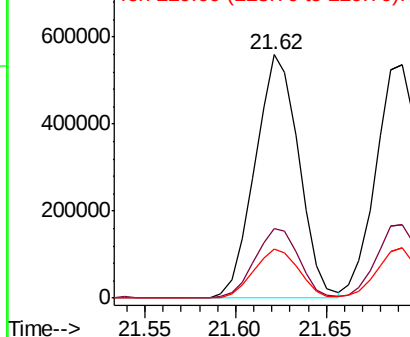
Delta R.T. -0.02 min

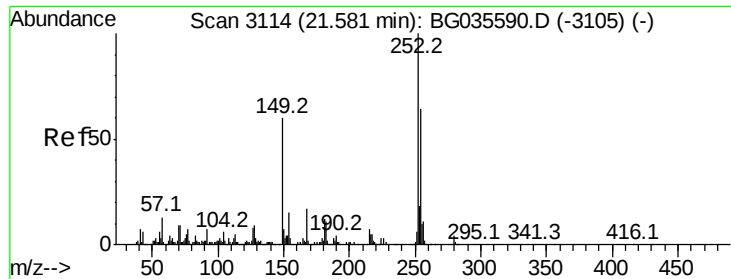
Lab File: BG036149.D

Acq: 7 Aug 2018 5:56

Tgt Ion:	228	Resp:	940693
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.7	34.1
229	20.0	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





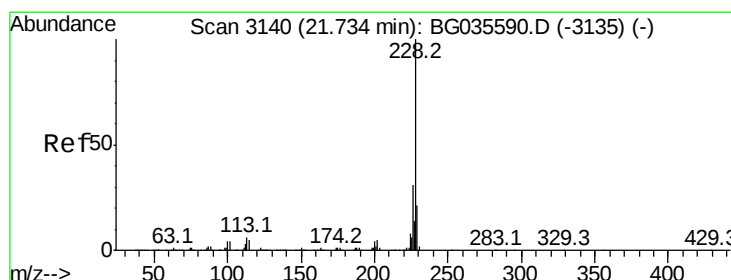
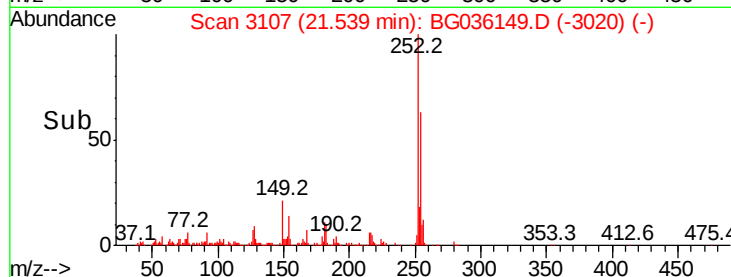
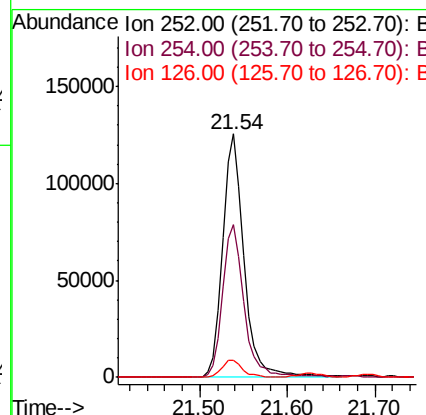
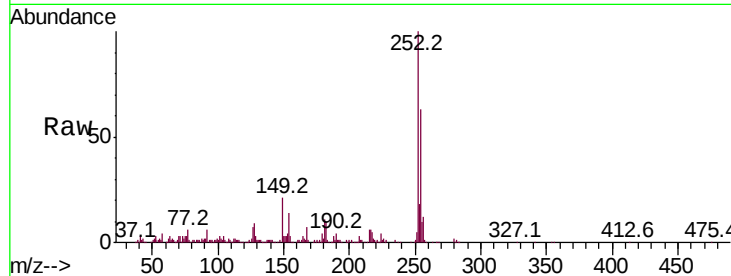
#81
 3,3'-Dichlorobenzidine
 Concen: 34.799 ng
 RT: 21.54 min Scan# 3107
 Delta R.T. -0.02 min
 Lab File: BG036149.D
 Acq: 7 Aug 2018 5:56

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	213361		
254	62.5	50.8	76.2	
126	7.1	7.4	11.2	

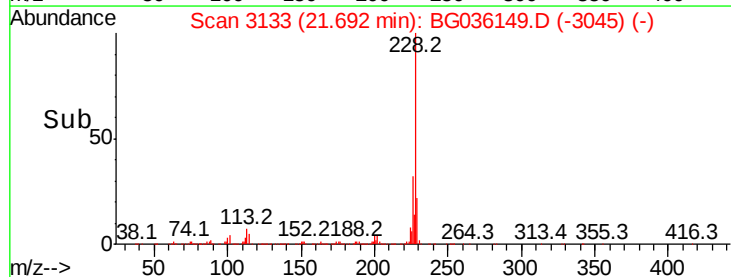
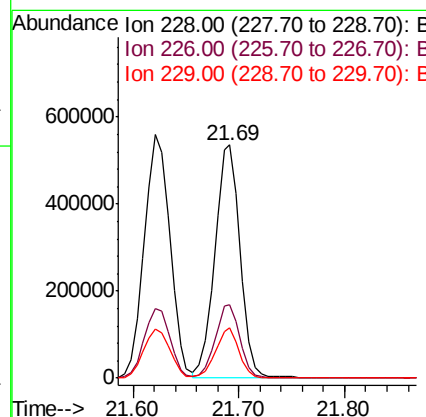
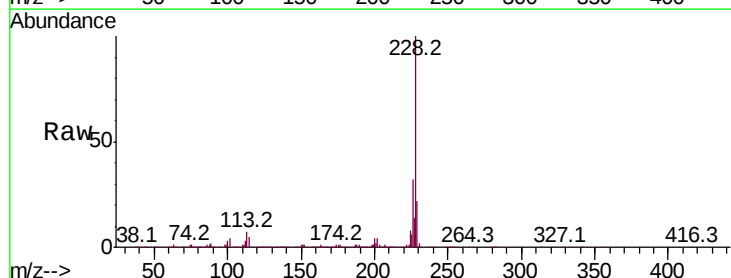
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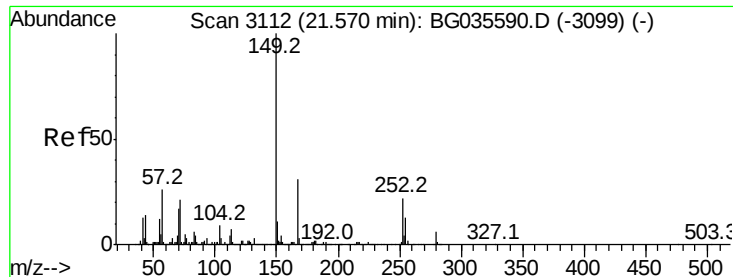
Sohil
 8/7/2018 6:54:33 PM



#82
 Chrysene
 Concen: 54.870 ng
 RT: 21.69 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG036149.D
 Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	894089		
226	31.7	24.9	37.3	
229	21.7	15.0	22.4	





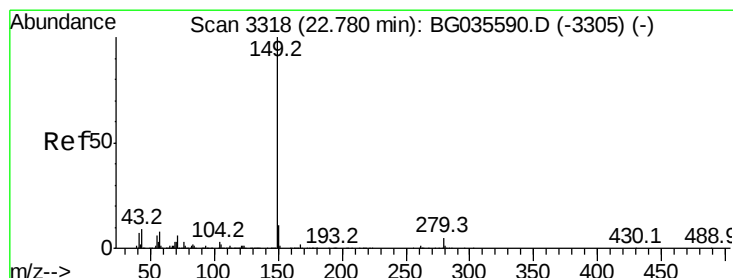
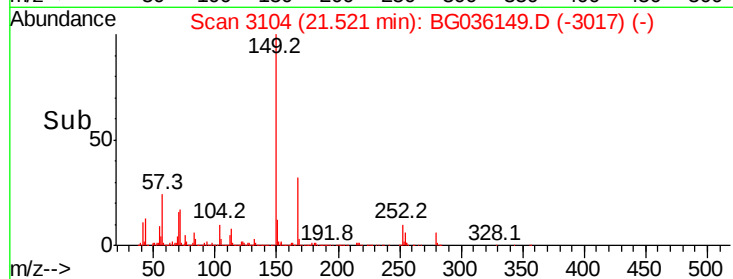
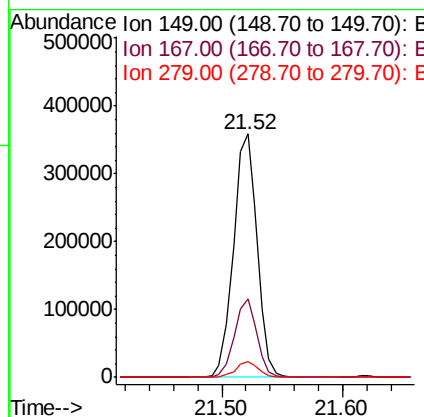
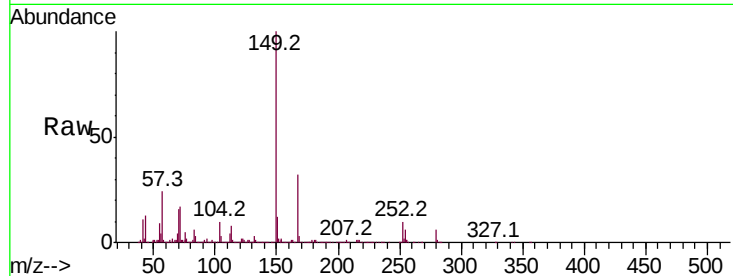
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.194 ng
 RT: 21.52 min Scan# 3104
 Delta R.T. -0.02 min
 Lab File: BG036149.D
 Acq: 7 Aug 2018 5:56

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	32.3	24.3	36.5	
279	6.5	4.0	6.0	

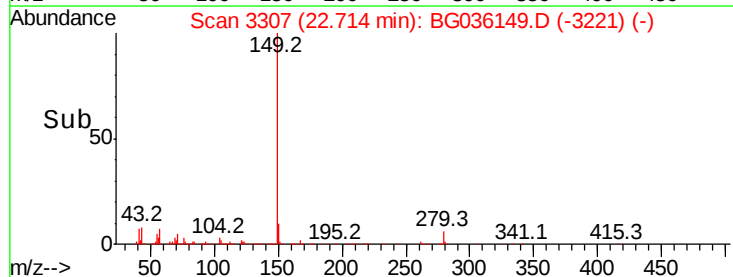
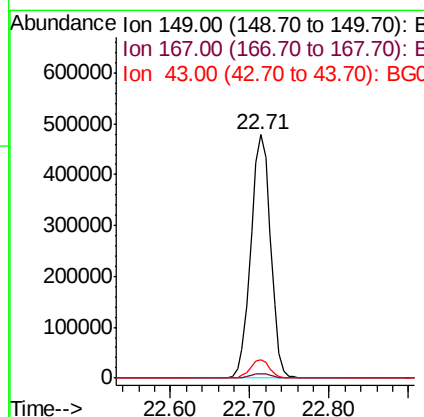
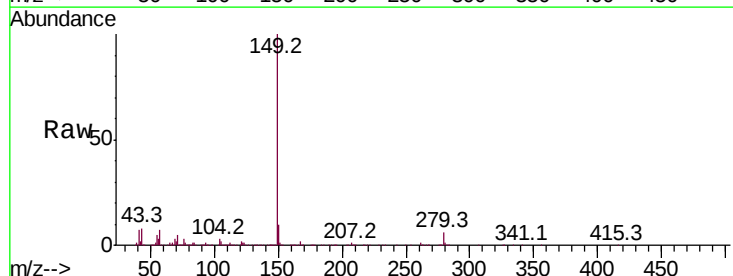
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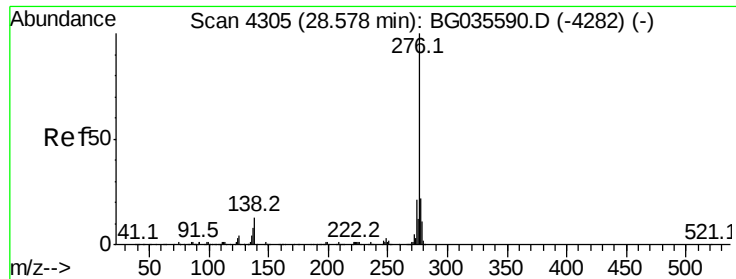
Sohil
 8/7/2018 6:54:33 PM



#84
 Di-n-octyl phthalate
 Concen: 57.197 ng
 RT: 22.71 min Scan# 3307
 Delta R.T. -0.03 min
 Lab File: BG036149.D
 Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8	1.4	2.0	
43	7.6	8.9	13.3	





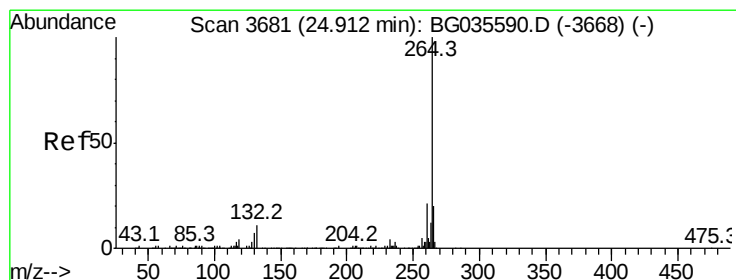
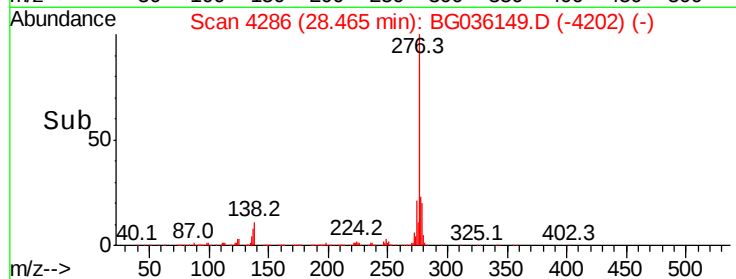
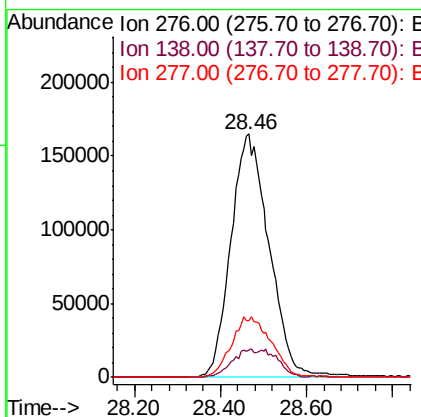
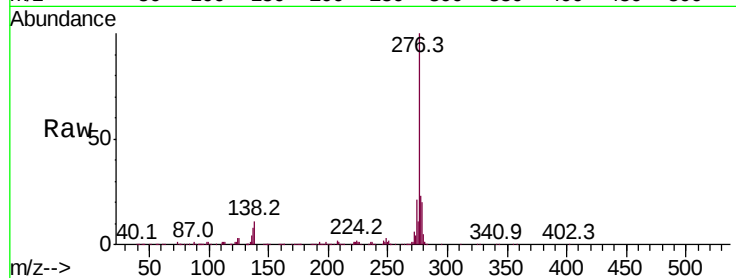
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.601 ng
 RT: 28.46 min Scan# 4286
 Delta R.T. -0.04 min
 Lab File: BG036149.D
 Acq: 7 Aug 2018 5:56

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.2	16.0	24.0#
277	11.6	20.0	30.0#

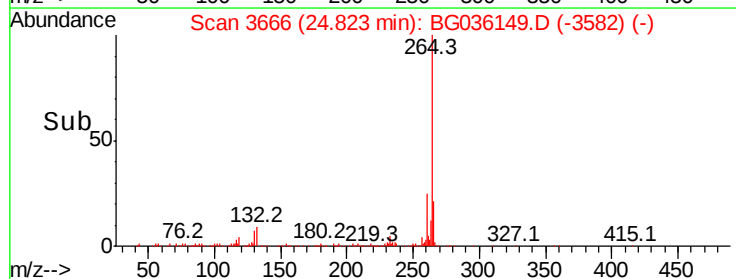
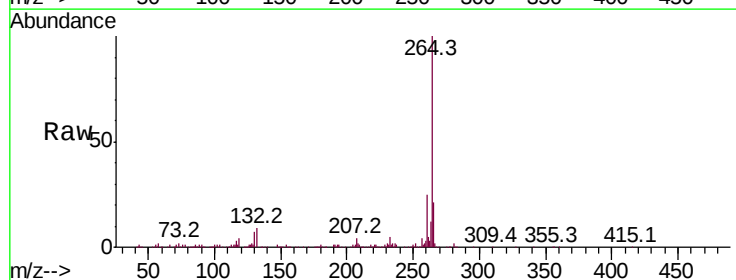
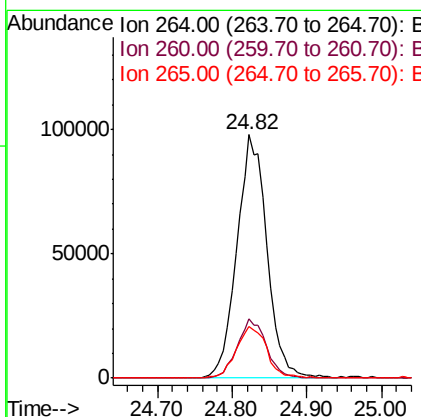
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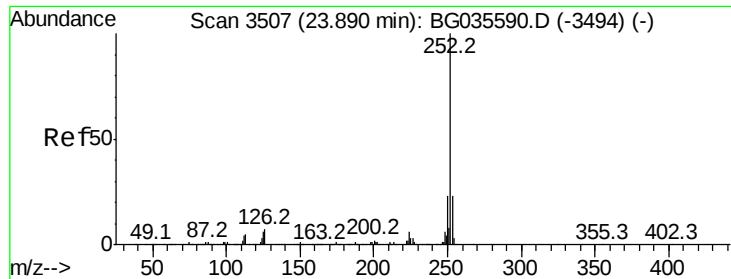
Sohil
 8/7/2018 6:54:33 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.82 min Scan# 3666
 Delta R.T. -0.04 min
 Lab File: BG036149.D
 Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	21.3	17.7	26.5





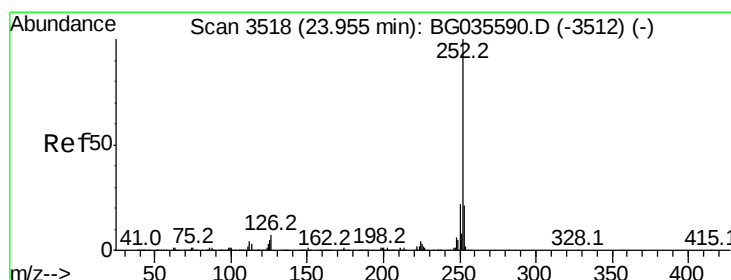
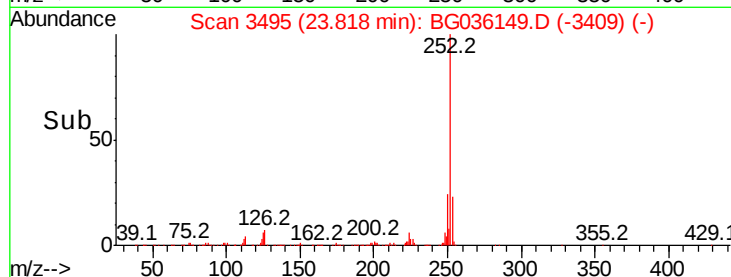
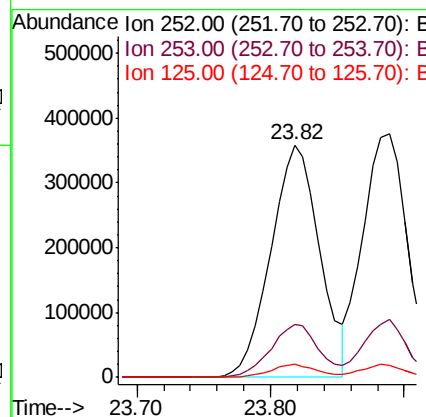
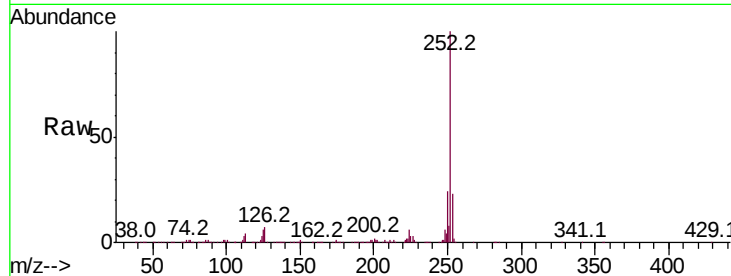
#87
 Benzo(b)fluoranthene
 Concen: 54.855 ng
 RT: 23.82 min Scan# 3495
 Delta R.T. -0.03 min
 Lab File: BG036149.D
 Acq: 7 Aug 2018 5:56

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	5.7	7.2	10.8

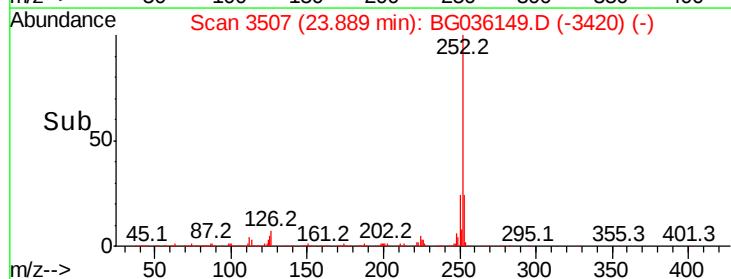
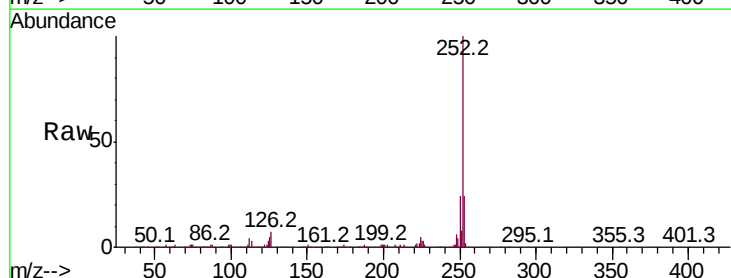
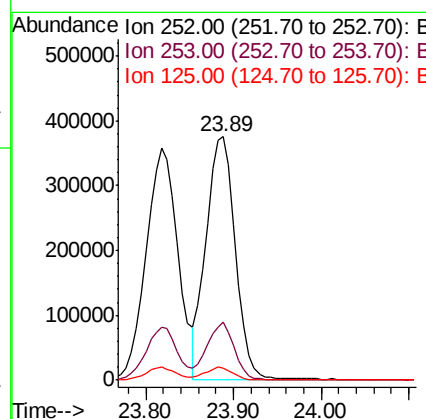
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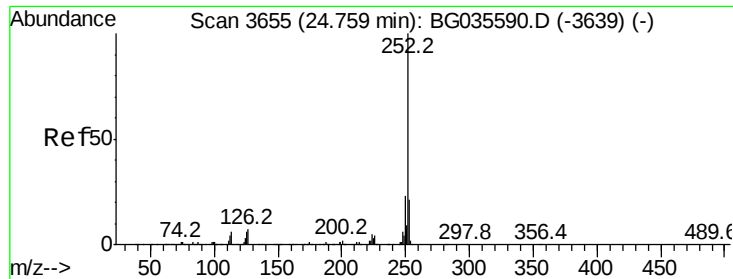
Sohil
 8/7/2018 6:54:33 PM



#88
 Benzo(k)fluoranthene
 Concen: 53.969 ng
 RT: 23.89 min Scan# 3507
 Delta R.T. -0.02 min
 Lab File: BG036149.D
 Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	5.0	6.6	9.8





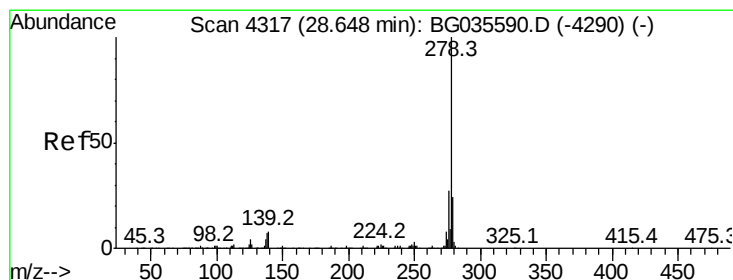
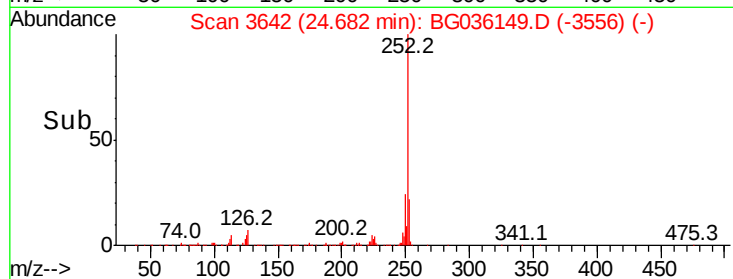
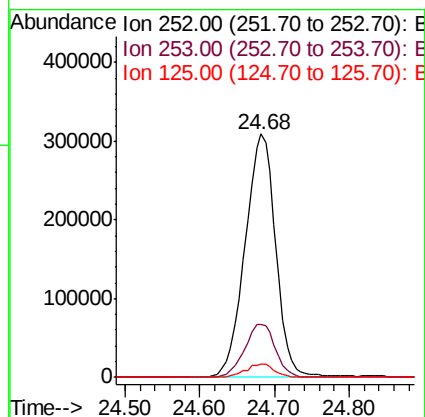
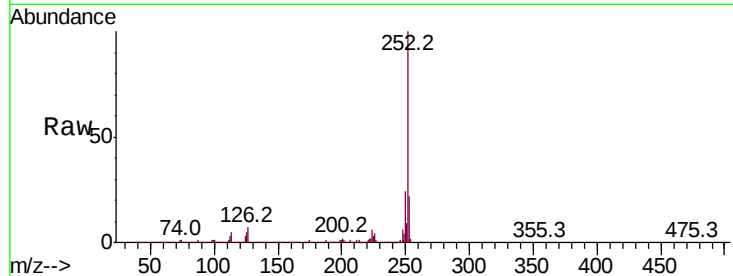
#89
Benzo(a)pyrene
Concen: 56.706 ng
RT: 24.68 min Scan# 3642
Delta R.T. -0.03 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.9	18.3	27.5
125	5.4	7.3	10.9#

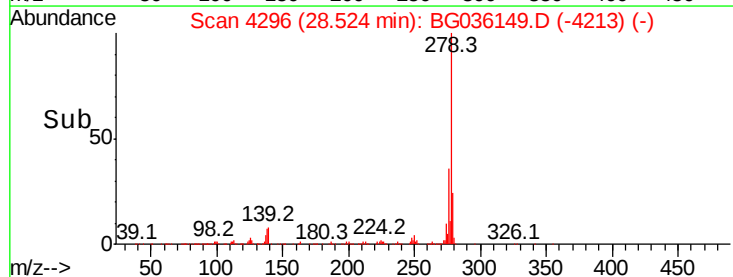
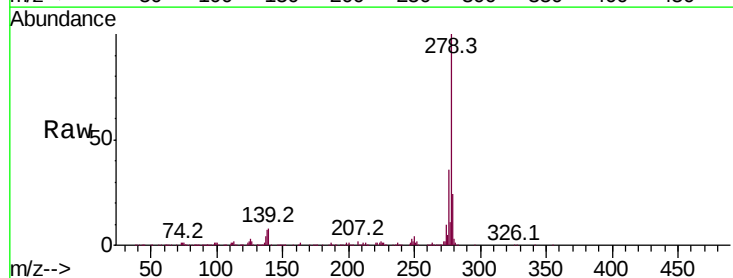
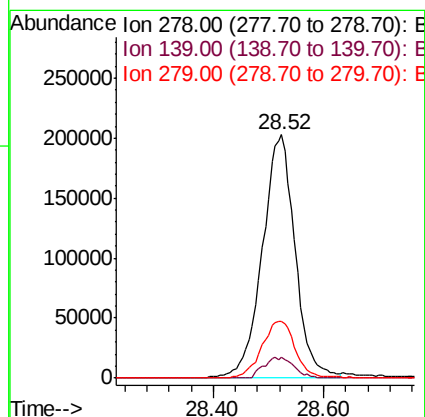
Manual Integrations
APPROVED

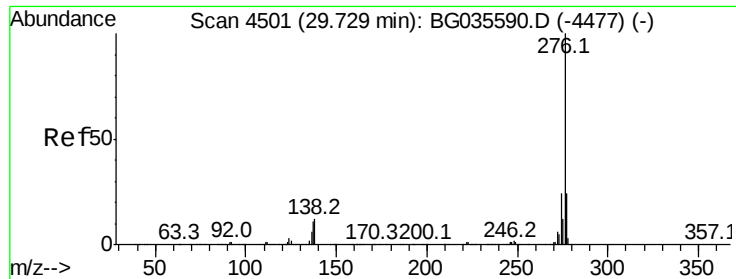
Sohil
8/7/2018 6:54:33 PM



#90
Dibenzo(a,h)anthracene
Concen: 55.190 ng
RT: 28.52 min Scan# 4296
Delta R.T. -0.04 min
Lab File: BG036149.D
Acq: 7 Aug 2018 5:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	8.4	9.8	14.6#
279	23.6	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 57.818 ng
 RT: 29.60 min Scan# 4479
 Delta R.T. -0.04 min
 Lab File: BG036149.D
 Acq: 7 Aug 2018 5:56

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.3	27.5
138	10.6	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 8/7/2018 6:54:33 PM

