

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042265.D
 Acq On : 16 Aug 2019 18:35
 Operator : HP/JU
 Sample : K4264-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MSD

Manual Integrations
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Jagrut
 8/19/2019 2:19:33 PM

Quant Time: Aug 19 09:09:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:42:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	57849	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	218466	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	163328	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	387098	20.00	ng	0.01
76) Chrysene-d12	21.71	240	425224	20.00	ng	0.01
87) Perylene-d12	24.97	264	514515	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	375903	126.43	ng	0.00
7) Phenol-d6	7.18	99	469996	117.25	ng	0.01
23) Nitrobenzene-d5	9.18	82	311359	98.08	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	341087	183.86	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	953983	103.02	ng	0.00
79) Terphenyl-d14	20.04	244	1830442	98.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	39676	28.351	ng	# 51
3) Pyridine	3.85	79	72545	18.904	ng	# 76
4) n-Nitrosodimethylamine	3.75	42	43383	28.517	ng	# 74
6) Aniline	7.33	93	93917	16.639	ng	# 92
8) 2-Chlorophenol	7.58	128	156500	45.966	ng	87
9) Benzaldehyde	7.14	77	56080	19.883	ng	82
10) Phenol	7.20	94	155890	37.382	ng	96
11) bis(2-Chloroethyl)ether	7.43	93	132080	38.526	ng	84
12) 1,3-Dichlorobenzene	7.90	146	166399m	37.447	ng	
13) 1,4-Dichlorobenzene	8.05	146	169194	38.052	ng	96
14) 1,2-Dichlorobenzene	8.37	146	161519	38.070	ng	94
15) Benzyl Alcohol	8.25	79	116388	36.907	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	165377	27.114	ng	88
17) 2-Methylphenol	8.46	107	126152	41.596	ng	94
18) Hexachloroethane	9.11	117	55186	36.244	ng	87
19) n-Nitroso-di-n-propylamine	8.82	70	101539	34.891	ng	# 81
20) 3+4-Methylphenols	8.79	107	170551	41.094	ng	97
22) Acetophenone	8.84	105	219809	44.982	ng	# 86
24) Nitrobenzene	9.22	77	148211	44.315	ng	91
25) Isophorone	9.75	82	292882	42.410	ng	96
26) 2-Nitrophenol	9.94	139	95343	61.424	ng	# 88
27) 2,4-Dimethylphenol	10.01	122	151069	55.144	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	180072	41.726	ng	98
29) 2,4-Dichlorophenol	10.49	162	181544	54.417	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	190800	45.100	ng	97
31) Naphthalene	10.89	128	467398	46.747	ng	97
32) Benzoic acid	10.15	122	57523	32.776	ng	93
33) 4-Chloroaniline	11.00	127	29731	6.270	ng	# 92
34) Hexachlorobutadiene	11.17	225	120091	42.059	ng	98
35) Caprolactam	11.77	113	42517m	36.671	ng	
36) 4-Chloro-3-methylphenol	12.13	107	173034	52.315	ng	97
37) 2-Methylnaphthalene	12.50	142	379668	47.973	ng	98
38) 1-Methylnaphthalene	12.72	142	361660	48.221	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	235538	45.559	ng	98

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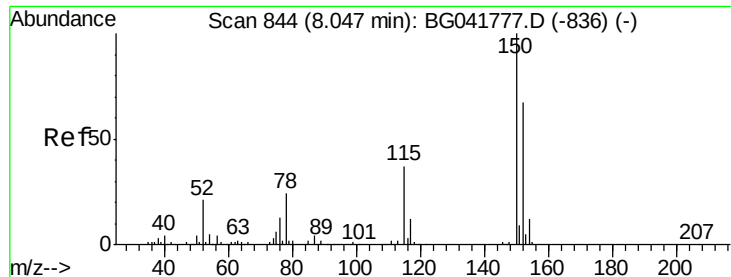
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	249806	85.941	nq	98
43) 2,4,6-Trichlorophenol	13.11	196	169617	51.908	nq	99
44) 2,4,5-Trichlorophenol	13.18	196	184617	54.368	nq #	92
46) 1,1'-Biphenyl	13.51	154	499581	47.583	nq	95
47) 2-Chloronaphthalene	13.55	162	407985	45.641	nq	95
48) 2-Nitroaniline	13.75	65	99443	43.863	nq #	71
49) Acenaphthylene	14.40	152	661423	49.466	nq	97
50) Dimethylphthalate	14.13	163	563328	50.502	nq	98
51) 2,6-Dinitrotoluene	14.25	165	134826	57.805	nq #	77
52) Acenaphthene	14.74	154	393682	45.269	nq	99
53) 3-Nitroaniline	14.58	138	63879	25.600	nq #	85
54) 2,4-Dinitrophenol	14.79	184	182129	112.104	nq #	80
55) Dibenzofuran	15.08	168	663245	49.861	nq	92
56) 4-Nitrophenol	14.90	139	220757	116.549	nq #	82
57) 2,4-Dinitrotoluene	15.04	165	194757	60.717	nq #	82
58) Fluorene	15.73	166	546049	51.153	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	188217	55.964	nq #	90
60) Diethylphthalate	15.49	149	553858	50.575	nq	99
61) 4-Chlorophenyl-phenylether	15.72	204	316863	48.622	nq	93
62) 4-Nitroaniline	15.75	138	133647	49.448	nq	94
63) Azobenzene	16.01	77	382975	42.810	nq	89
65) 4,6-Dinitro-2-methylphenol	15.81	198	128814	65.136	nq	79
66) n-Nitrosodiphenylamine	15.93	169	516784	49.011	nq	96
67) 4-Bromophenyl-phenylether	16.62	248	223801	46.935	nq	96
68) Hexachlorobenzene	16.74	284	237592	47.628	nq #	89
69) Atrazine	16.88	200	200076	48.294	nq	99
70) Pentachlorophenol	17.09	266	310172	109.452	nq	99
71) Phenanthrene	17.47	178	938060	50.556	nq	94
72) Anthracene	17.56	178	965601	52.180	nq	94
73) Carbazole	17.83	167	886389	53.367	nq #	94
74) Di-n-butylphthalate	18.39	149	1005032	53.375	nq #	95
75) Fluoranthene	19.48	202	1230123	54.542	nq	92
77) Benzidine	19.66	184	148906	10.729	nq	96
78) Pyrene	19.85	202	1241623	49.283	nq	92
80) Butylbenzylphthalate	20.73	149	492249	50.961	nq #	84
81) Benzo(a)anthracene	21.69	228	1226884	48.767	nq	94
82) 3,3'-Dichlorobenzidine	21.60	252	359519	35.593	nq #	98
83) Chrysene	21.76	228	1195804	49.586	nq	94
84) Bis(2-ethylhexyl)phthalate	21.60	149	681971	51.183	nq	98
85) Di-n-octyl phthalate	22.82	149	1175879	52.438	nq #	85
86) Indeno(1,2,3-cd)pyrene	28.70	276	1648838	51.649	nq #	94
88) Benzo(b)fluoranthene	23.94	252	1367706	48.593	nq #	94
89) Benzo(k)fluoranthene	24.01	252	1338942	48.836	nq #	95
90) Benzo(a)pyrene	24.82	252	1346970	49.898	nq #	95
91) Dibenzo(a,h)anthracene	28.77	278	1354965	51.119	nq #	96
92) Benzo(g,h,i)perylene	29.87	276	1369839	51.728	nq #	94

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



#1

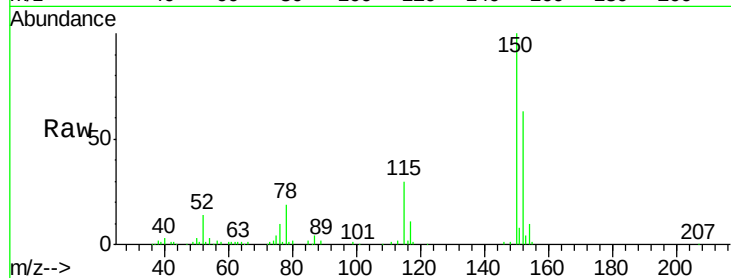
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD

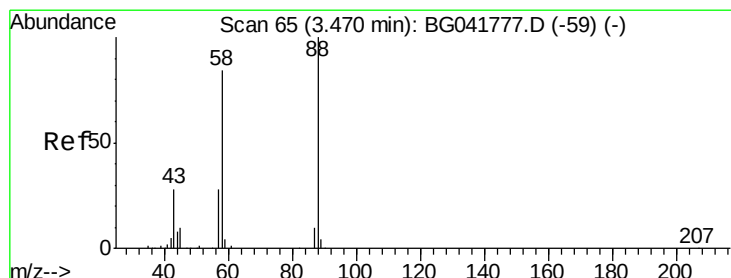
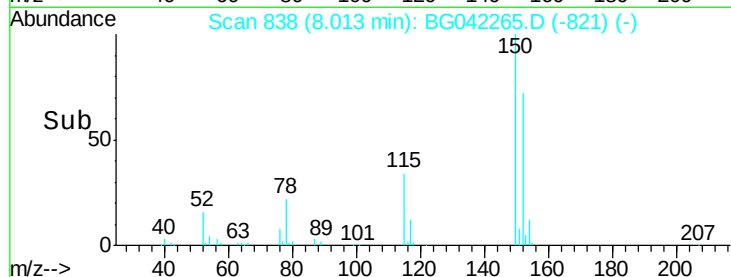
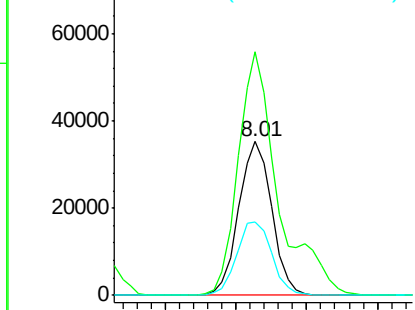
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.9	190.3
115	47.6	45.0	67.6

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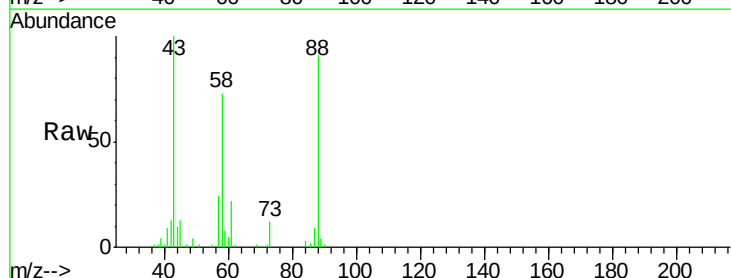
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



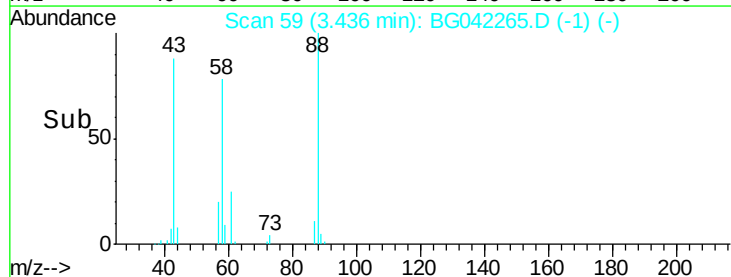
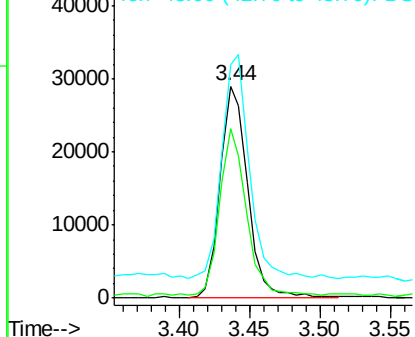
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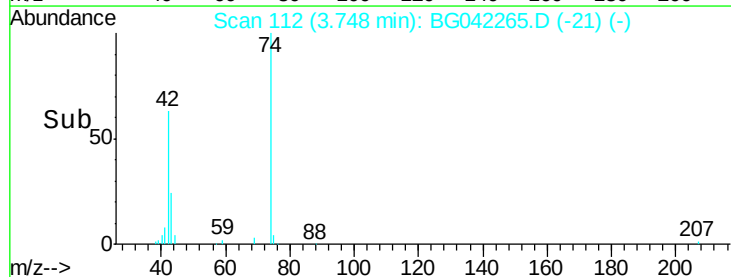
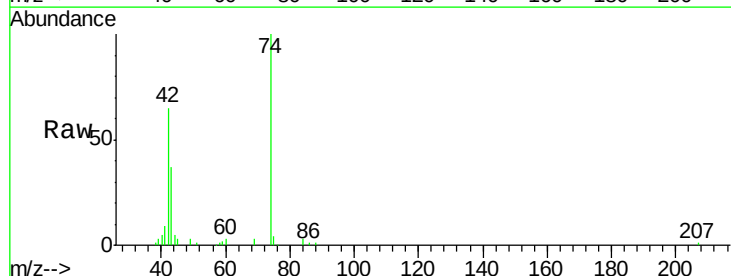
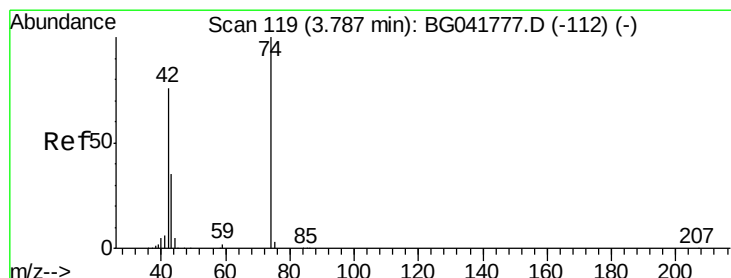
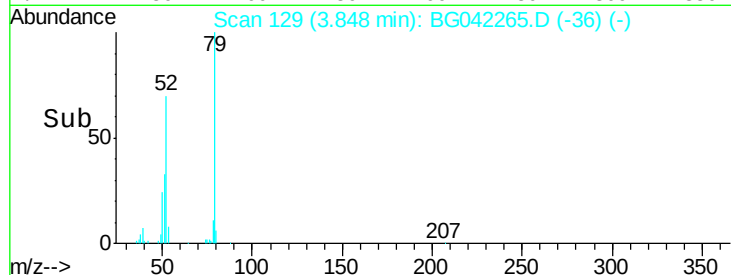
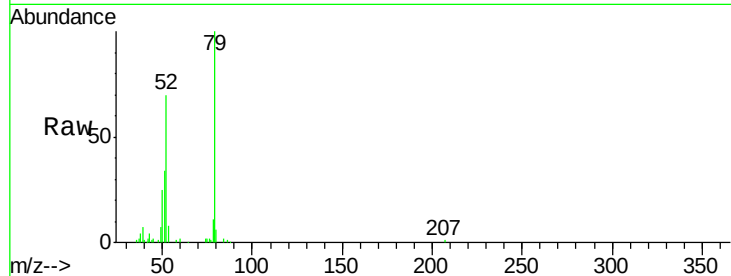
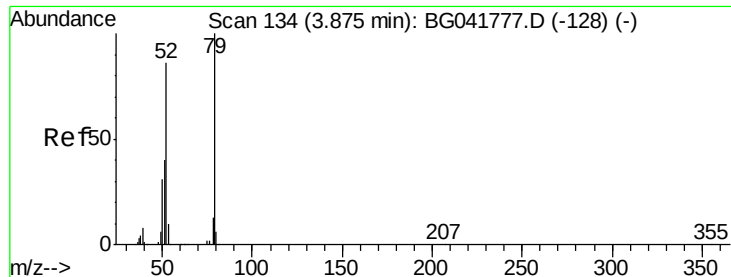
1,4-Dioxane
Concen: 28.351 ng
RT: 3.44 min Scan# 59
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	76.2	114.2#
43	105.8	27.2	40.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 18.904 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Tot Ion:	79	Resp:	72545
Ion Ratio	Lower	Upper	
79	100		
52	70.4	77.1	115.7#
51	34.4	37.8	56.8#

Instrument :

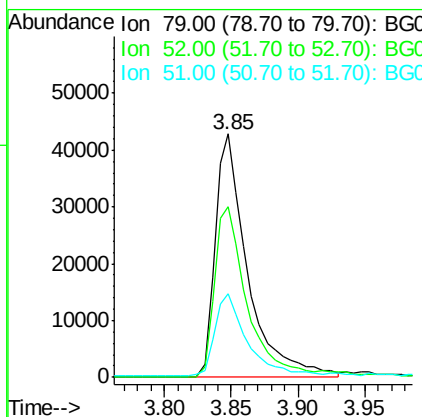
BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MSD

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 28.517 ng

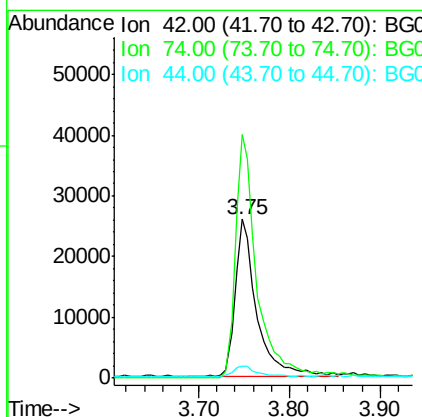
RT: 3.75 min Scan# 112

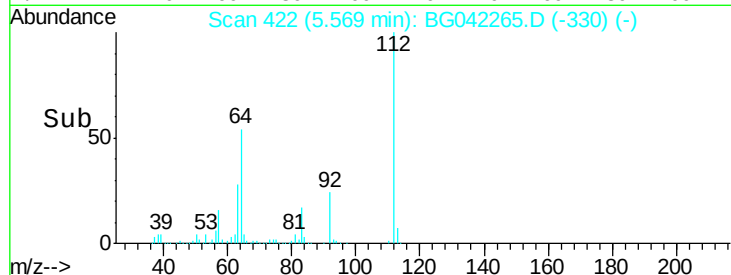
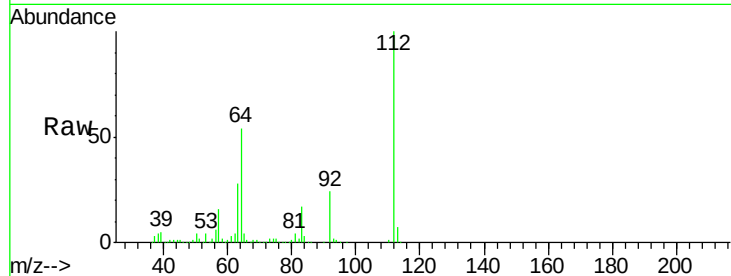
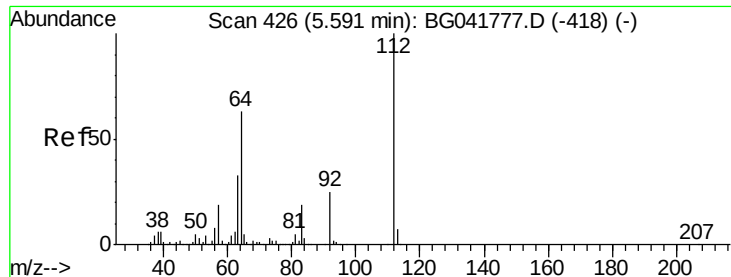
Delta R.T. 0.00 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Tgt Ion:	42	Resp:	43383
Ion Ratio	Lower	Upper	
42	100		
74	153.1	97.4	146.2#
44	7.6	6.6	9.8





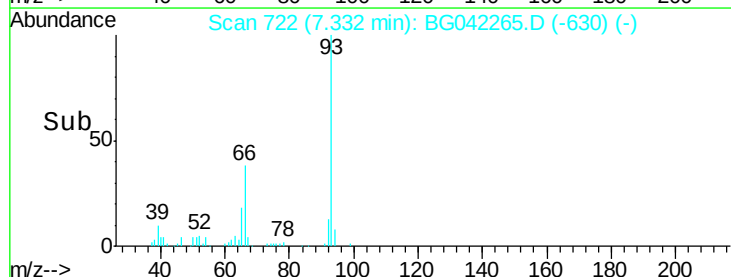
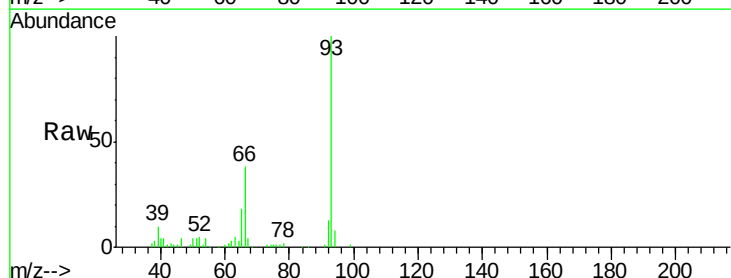
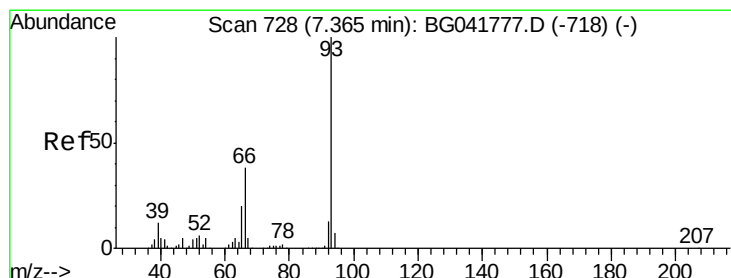
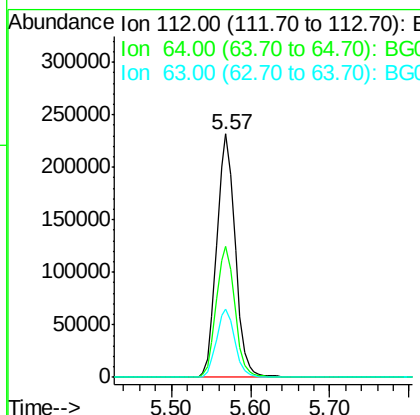
#5
2-Fluorophenol
Concen: 126.426 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	53.9	55.4	83.2#
63	27.9	29.1	43.7#

Instrument :
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ClientSampleId :
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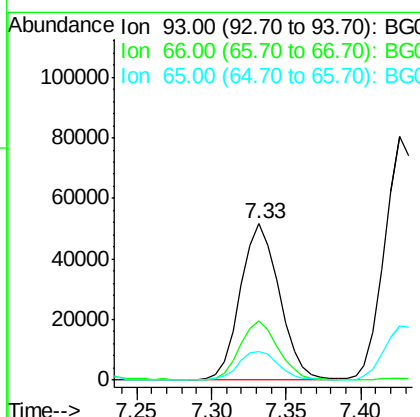
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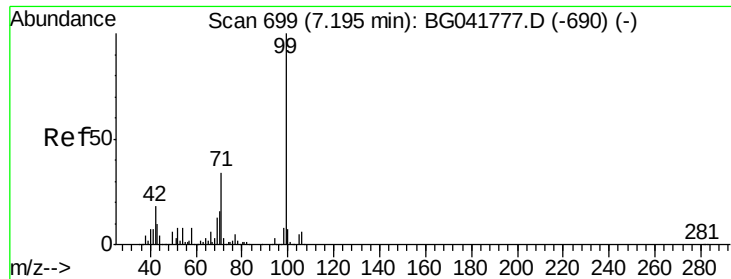
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#6
Aniline
Concen: 16.639 ng
RT: 7.33 min Scan# 722
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	37.8	34.2	51.2
65	18.1	18.2	27.2#





#7

Phenol-d6

Concen: 117.251 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Instrument :

BNA_G

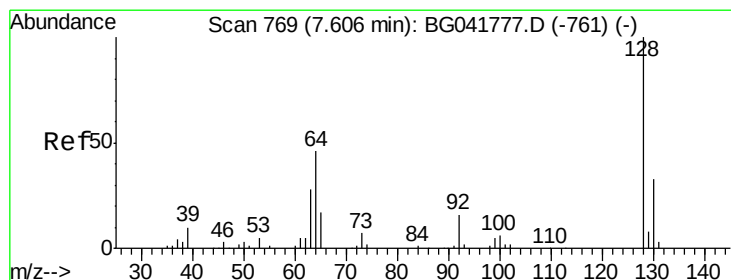
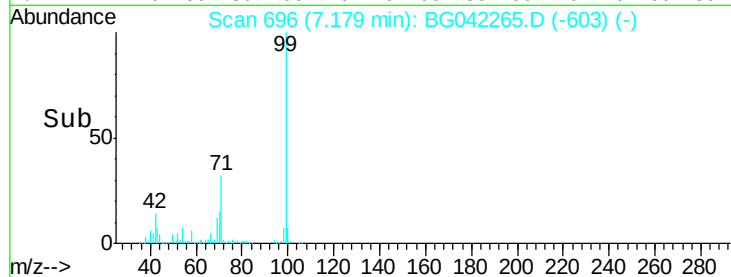
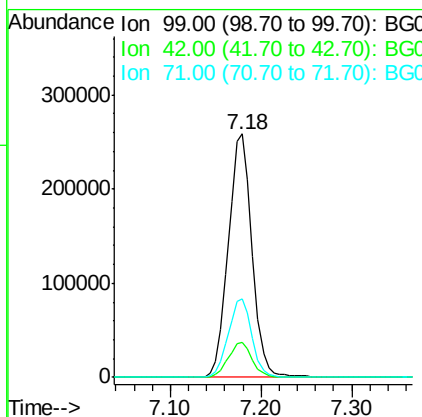
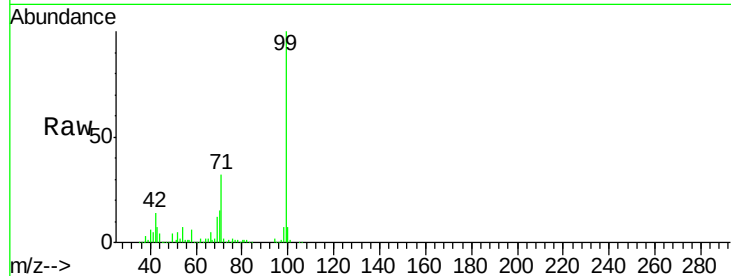
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Tot Ion:	99	Resp:	469996
Ion Ratio	Lower	Upper	
99	100		
42	14.3	17.6	26.4#
71	32.5	27.8	41.6

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#8

2-Chlorophenol

Concen: 45.966 ng

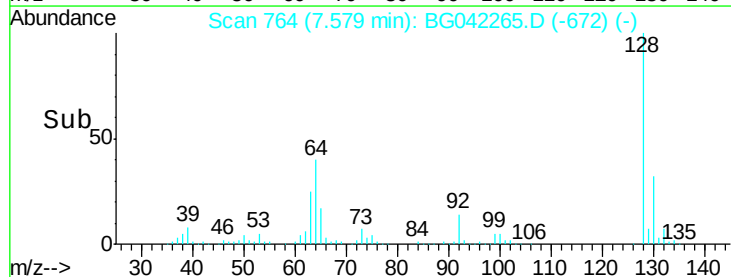
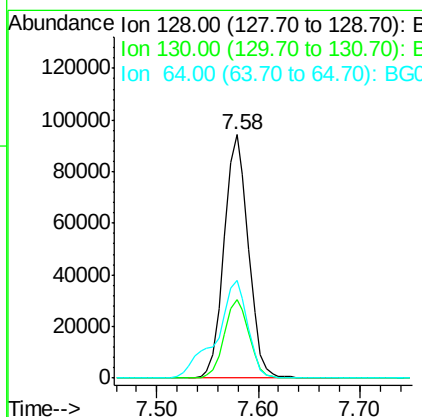
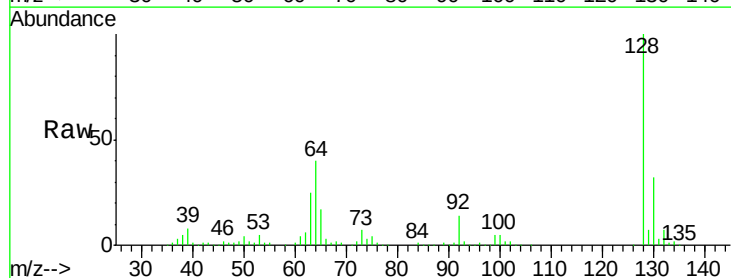
RT: 7.58 min Scan# 764

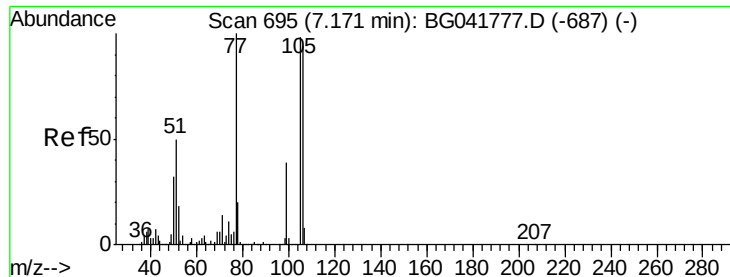
Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Tgt Ion:	128	Resp:	156500
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.4	52.4
64	40.3	34.9	74.9





#9

Benzaldehyde

Concen: 19.883 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Instrument :

BNA_G

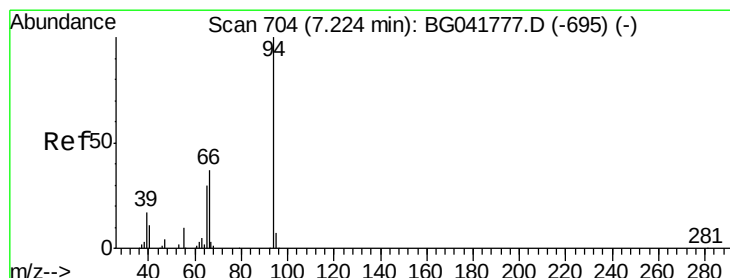
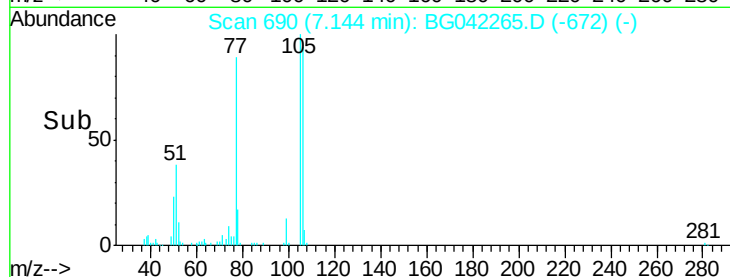
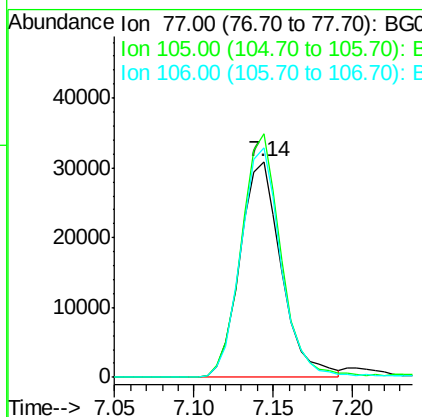
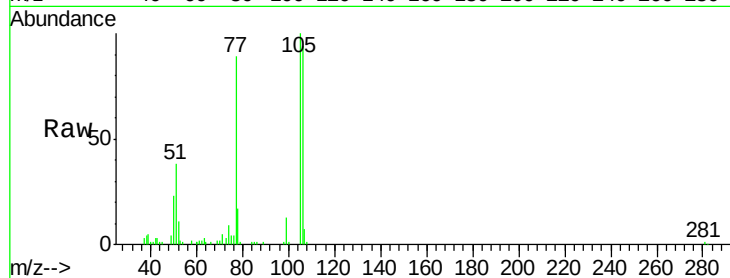
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MSD

Tot Ion:	77	Resp:	56080
Ion	Ratio	Lower	Upper
77	100		
105	113.0	74.6	114.6
106	106.7	71.1	111.1

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#10

Phenol

Concen: 37.382 ng

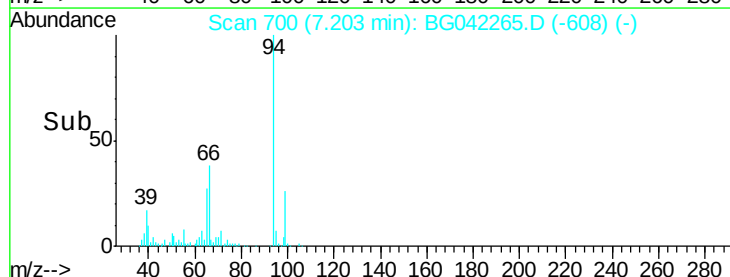
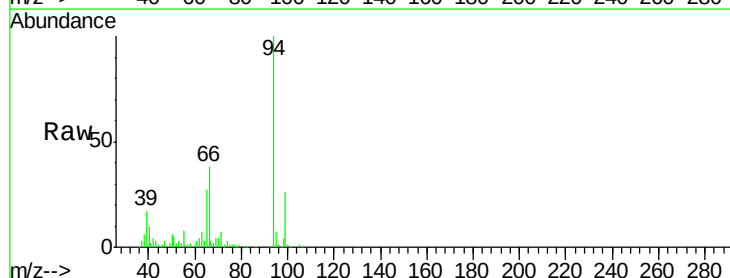
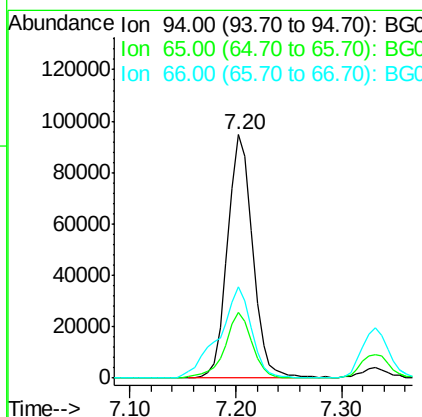
RT: 7.20 min Scan# 700

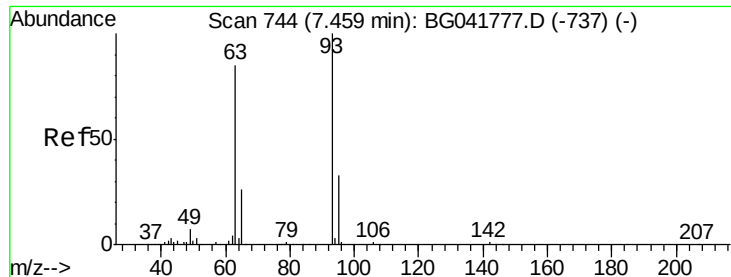
Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Tgt Ion:	94	Resp:	155890
Ion	Ratio	Lower	Upper
94	100		
65	27.0	10.6	50.6
66	37.6	18.2	58.2





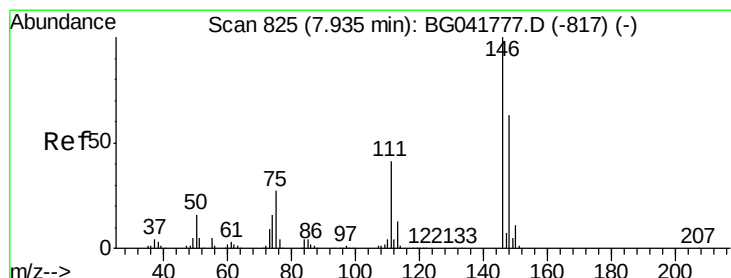
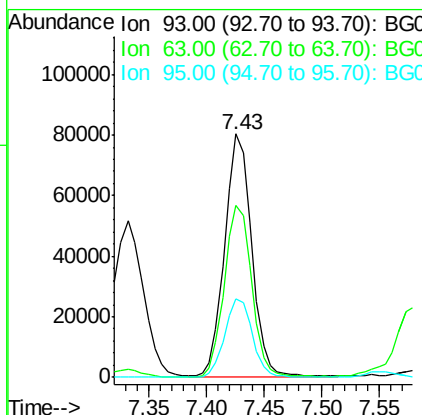
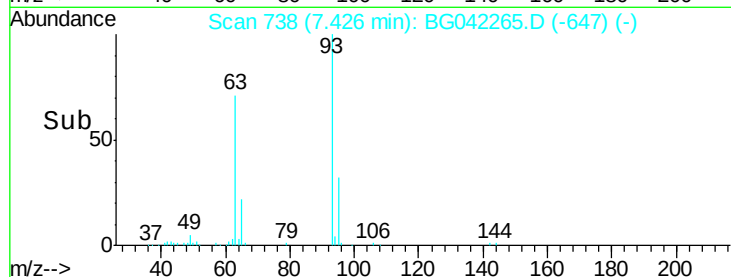
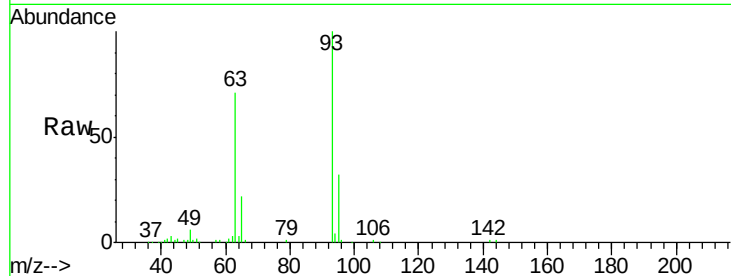
#11
bis(2-Chloroethyl)ether
Concen: 38.526 ng
RT: 7.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	93	Resp	132080
Ion Ratio	Lower	Upper	
93	100		
63	70.6	70.4	110.4
95	32.3	12.8	52.8

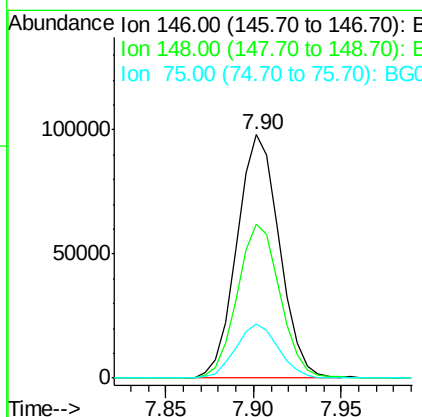
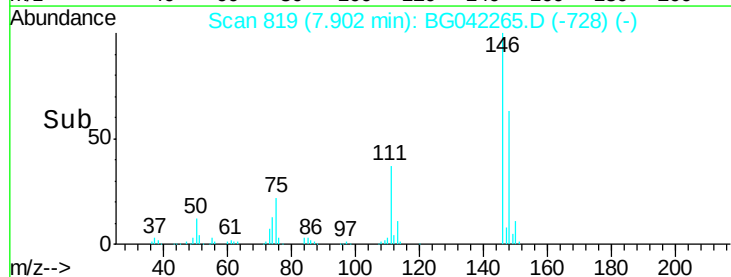
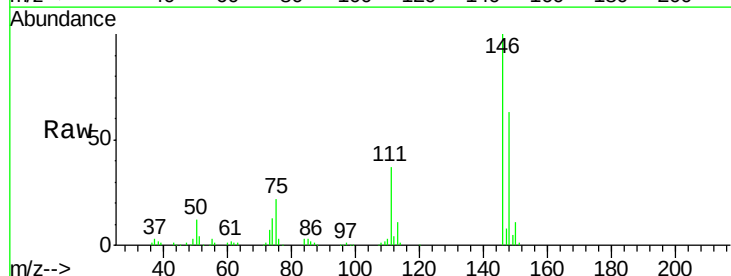
Manual Integrations
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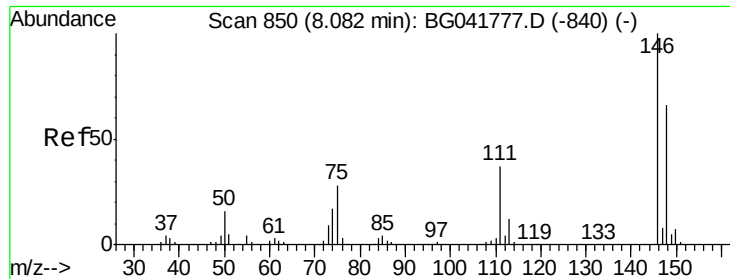
Jagrut
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#12
1,3-Dichlorobenzene
Concen: 37.447 ng m
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Tgt Ion	146	Resp	166399
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.5	77.3
75	22.3	23.2	34.8#





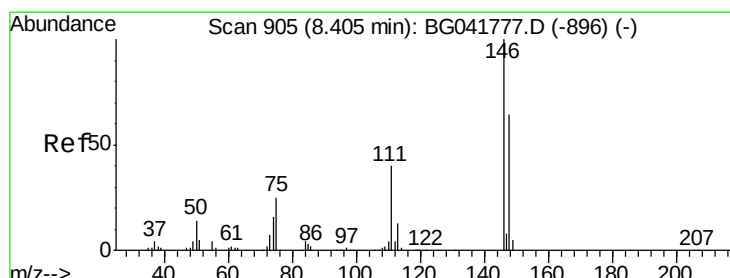
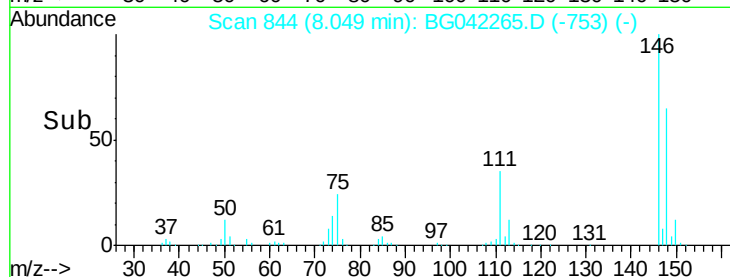
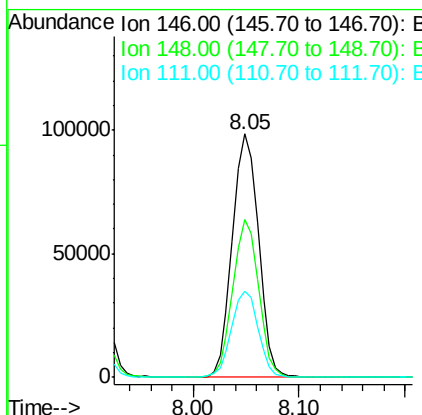
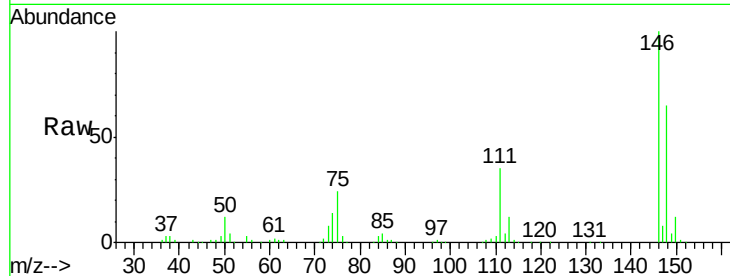
#13
 1,4-Dichlorobenzene
 Concen: 38.052 ng
 RT: 8.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.6	79.0
111	35.3	32.5	48.7

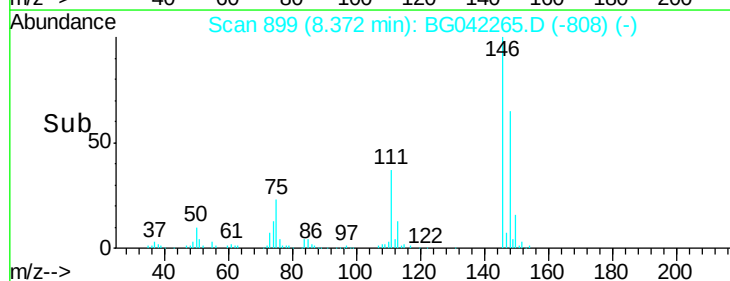
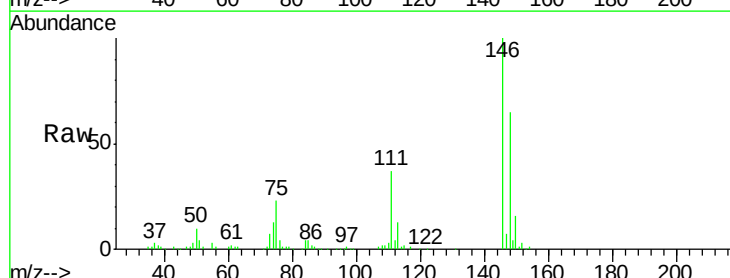
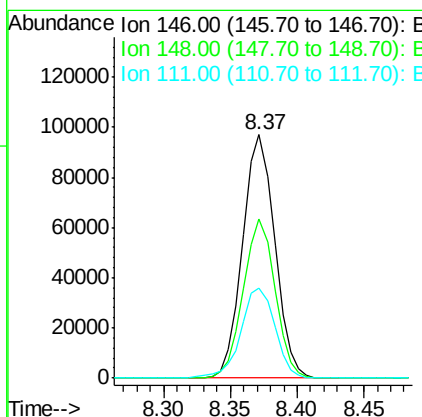
Manual Integrations
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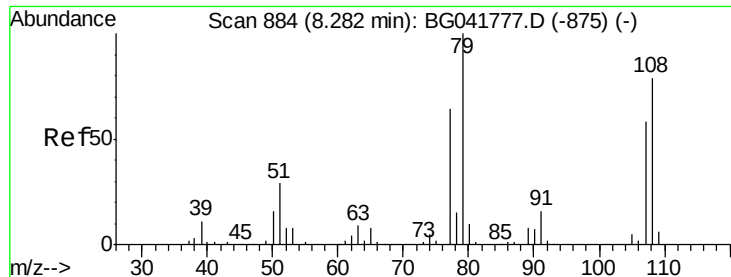
Jagrut
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#14
 1,2-Dichlorobenzene
 Concen: 38.070 ng
 RT: 8.37 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.5	80.3
111	37.0	35.4	53.0





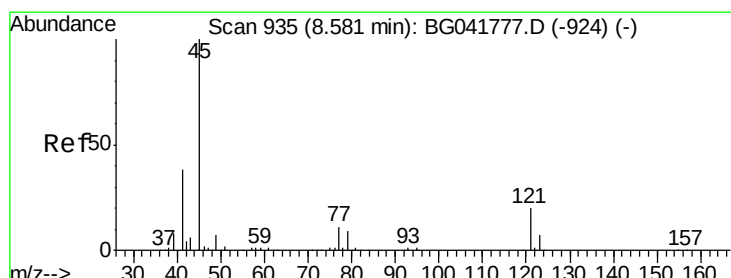
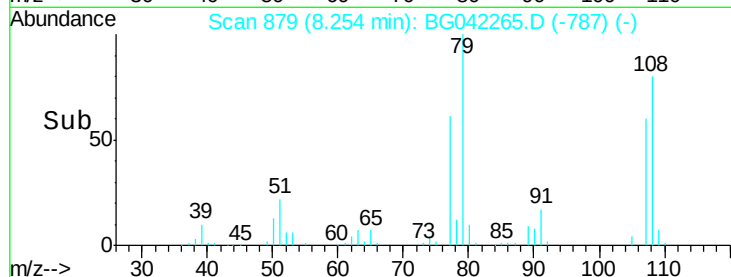
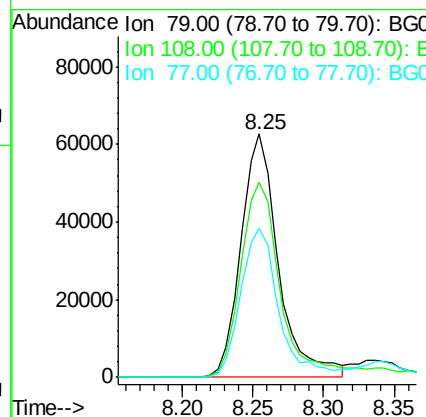
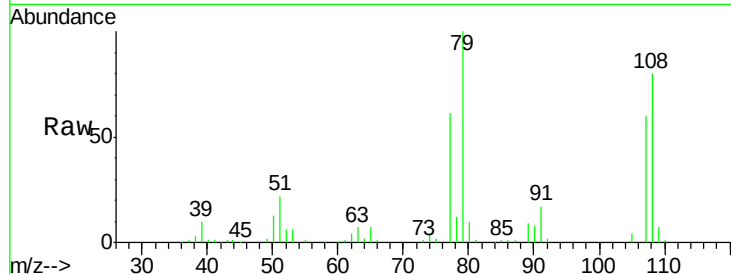
#15
Benzyl Alcohol
Concen: 36.907 ng
RT: 8.25 min Scan# 879
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.2	60.5	90.7
77	61.2	50.6	75.8

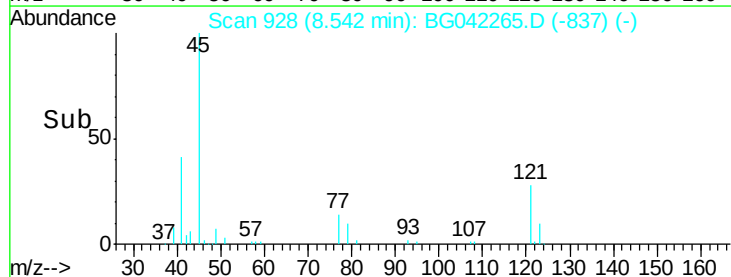
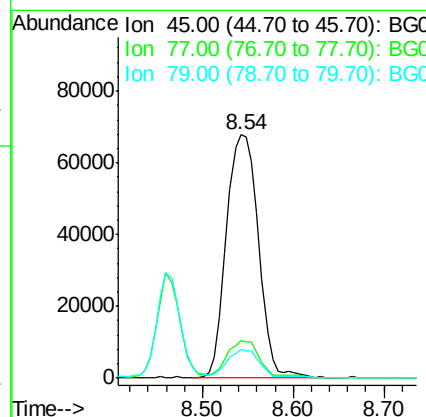
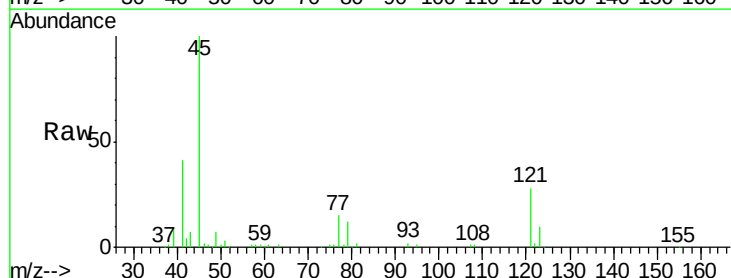
Manual Integrations
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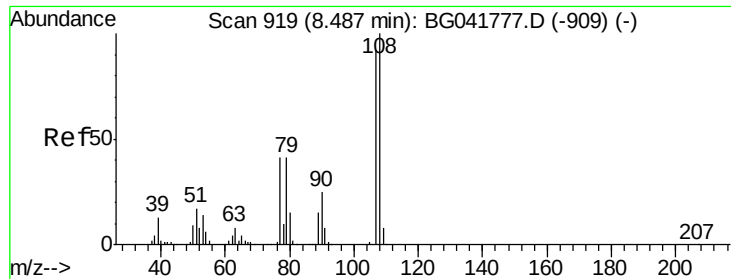
Jagrut
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#16
2,2'-oxybis(1-chloropropane)
Concen: 27.114 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	30.4
79	11.7	0.0	27.9





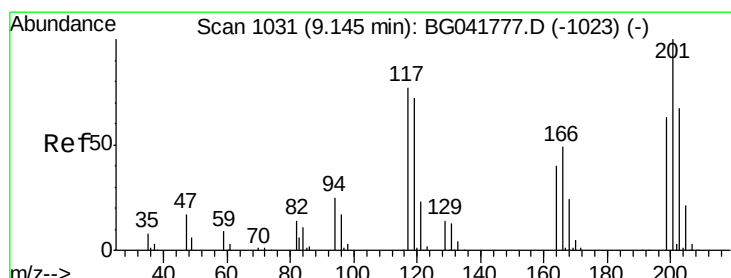
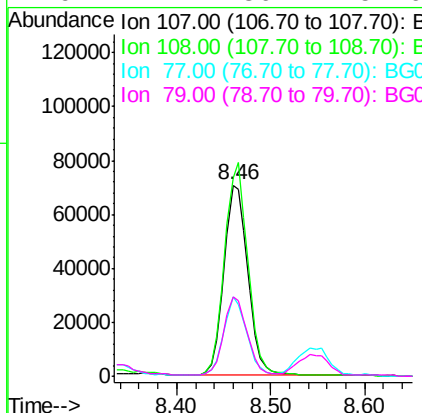
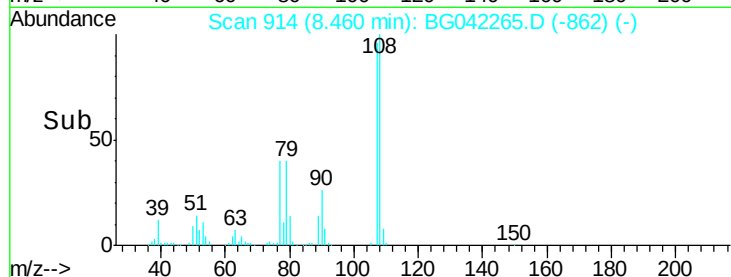
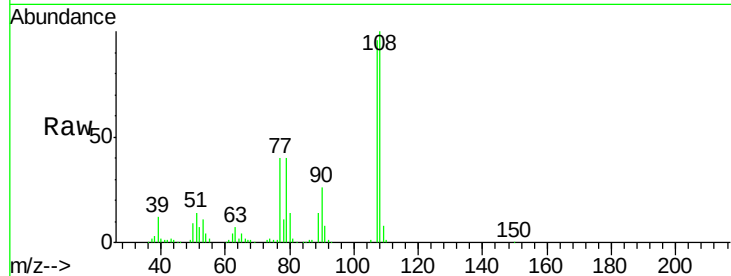
#17
2-Methylphenol
Concen: 41.596 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	103.9	87.6	126152	131.4	
77	41.5	36.1		54.1	
79	41.4	36.4		54.6	

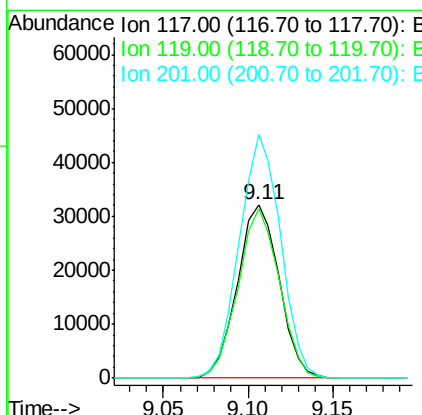
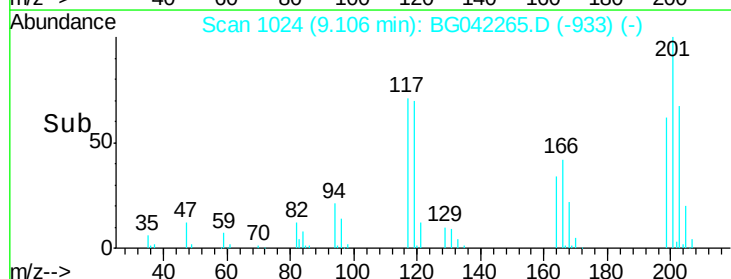
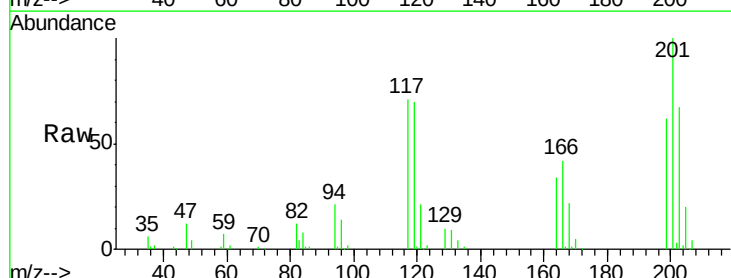
Manual Integrations
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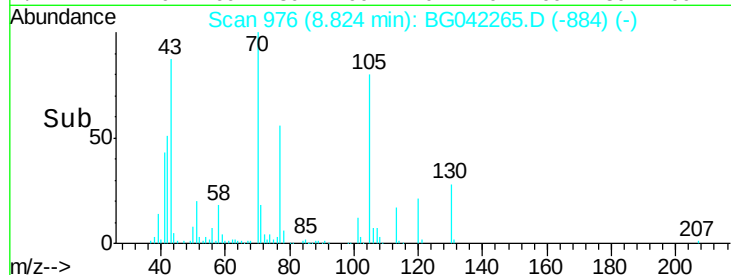
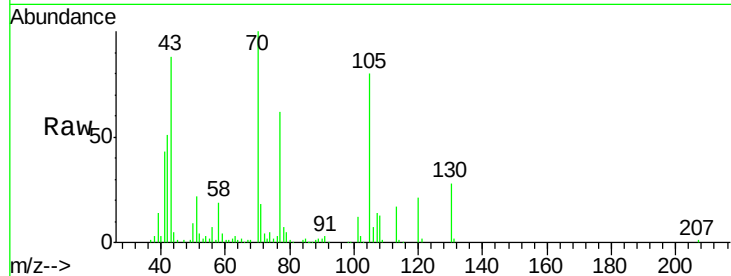
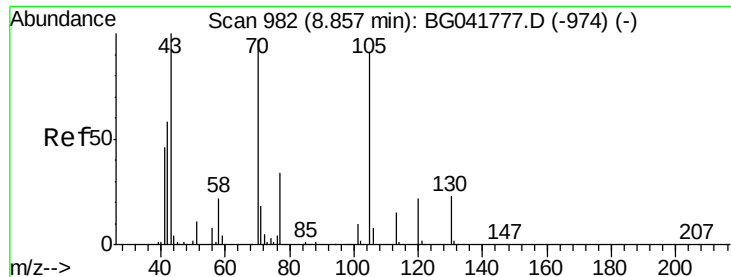
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#18
Hexachloroethane
Concen: 36.244 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	98.0	76.2	55186	114.2	
201	140.5	94.1		141.1	





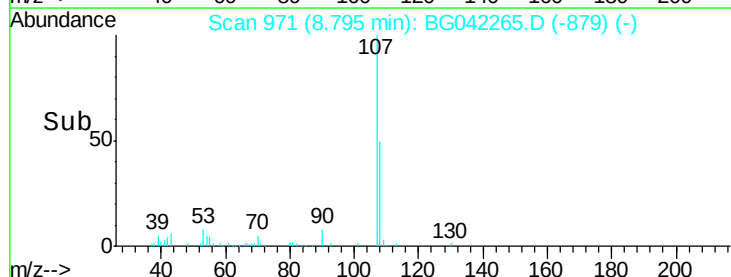
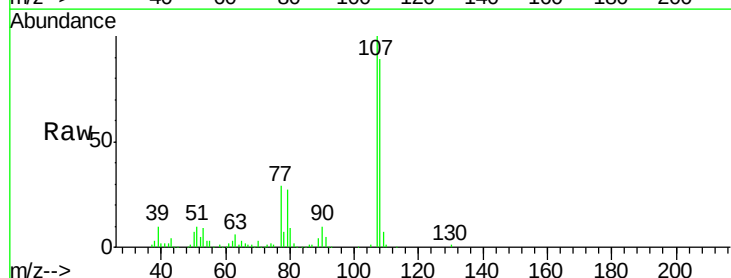
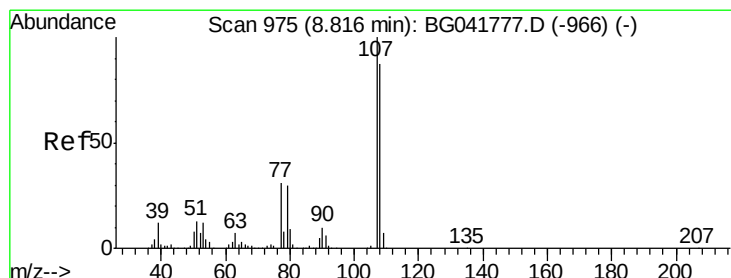
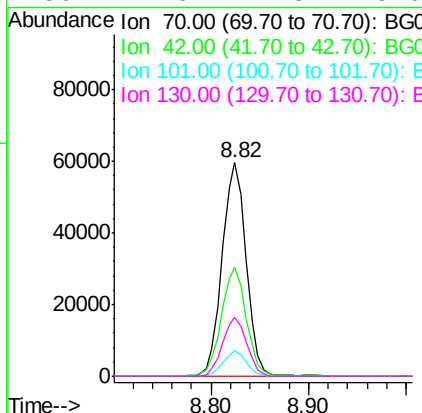
#19
n-Nitroso-di-n-propylamine
Concen: 34.891 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.7	55.8	83.6#
101	12.3	8.1	12.1#
130	27.6	17.3	25.9#

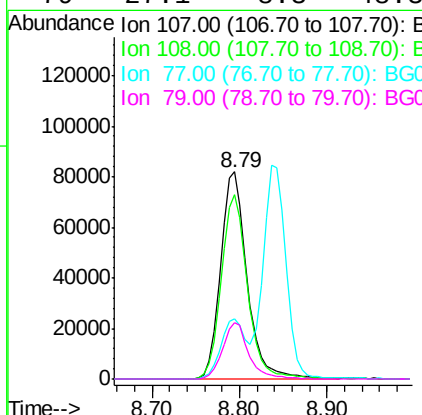
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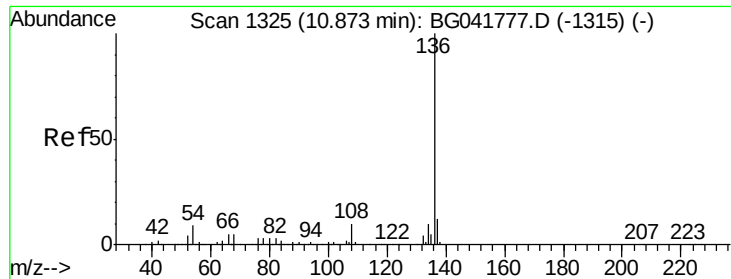
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#20
3+4-Methylphenols
Concen: 41.094 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	67.5	107.5
77	28.8	12.3	52.3
79	27.1	8.3	48.3





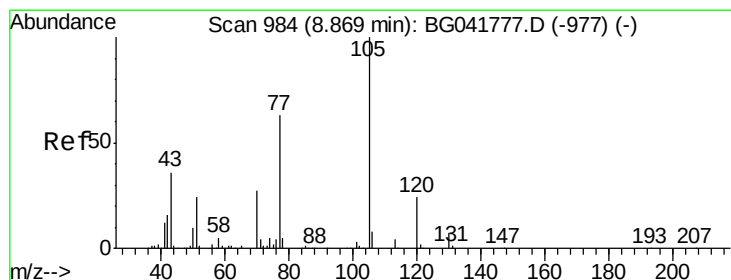
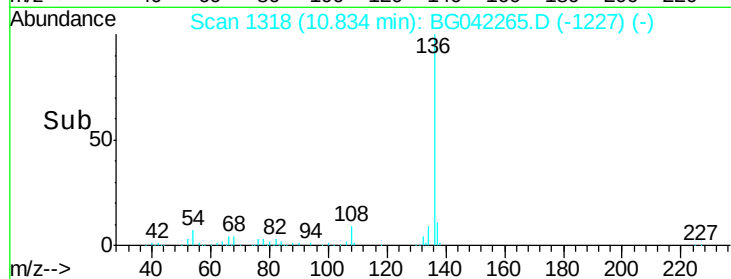
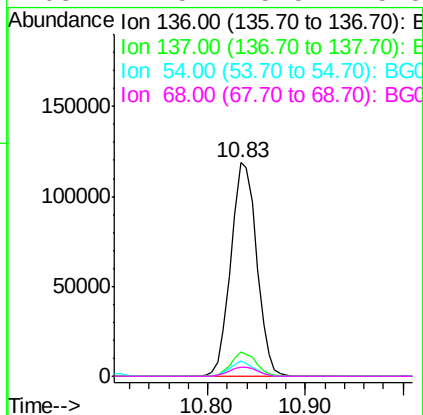
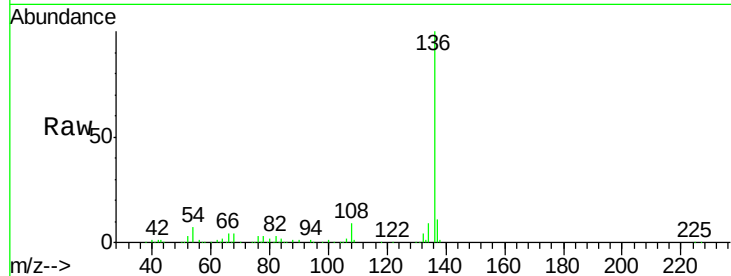
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.2	13.8	
54	6.9	8.7	13.1#	
68	4.5	5.5	8.3#	

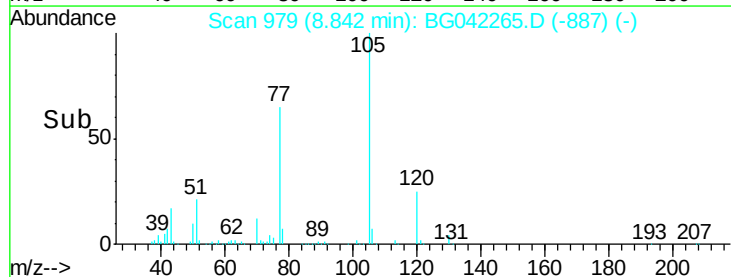
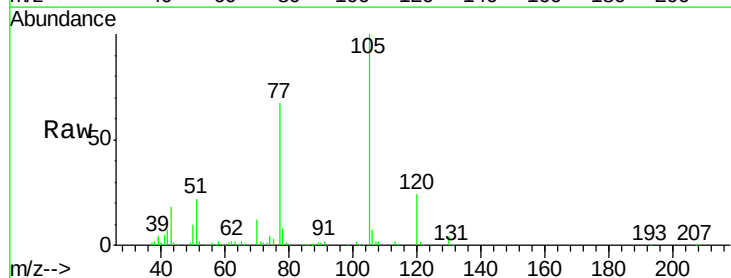
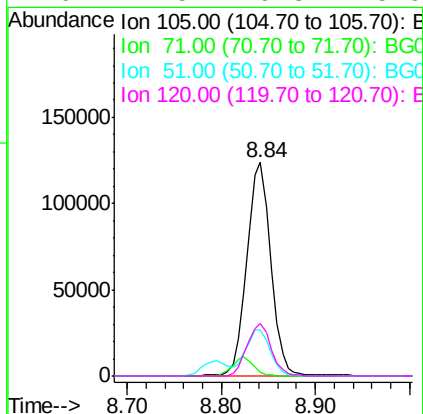
Manual Integrations
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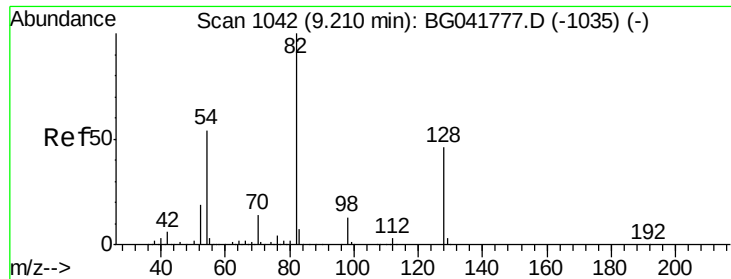
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#22
Acetophenone
Concen: 44.982 ng
RT: 8.84 min Scan# 979
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.0	5.9	8.9#	
51	21.7	27.7	41.5#	
120	24.5	19.3	28.9	





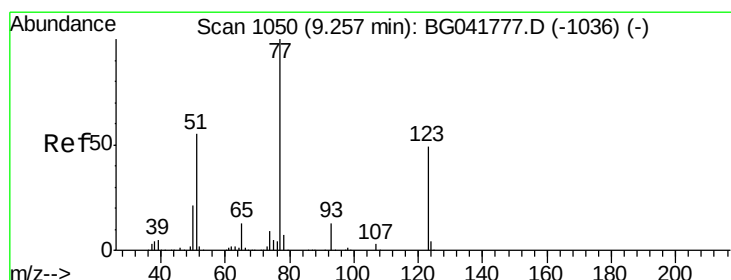
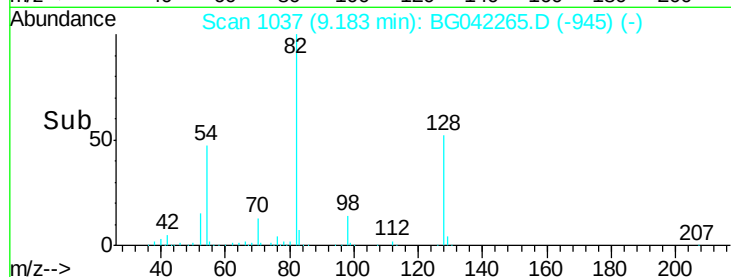
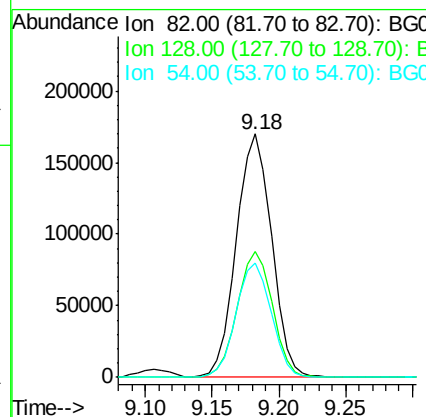
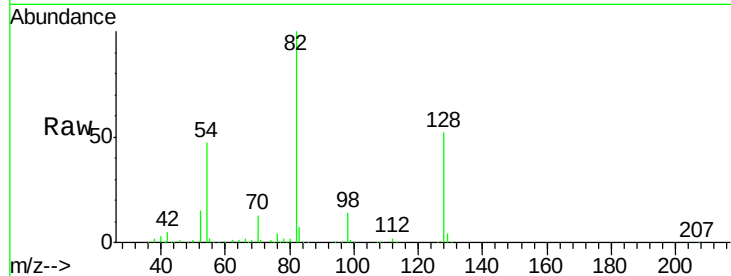
#23
 Nitrobenzene-d5
 Concen: 98.077 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.6	35.1	52.7
54	46.8	48.7	73.1

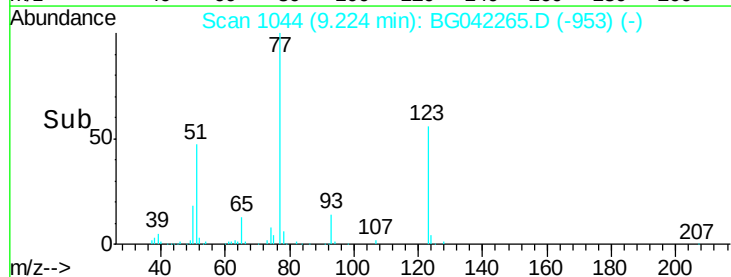
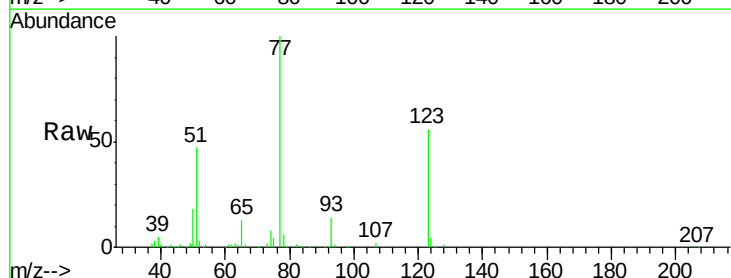
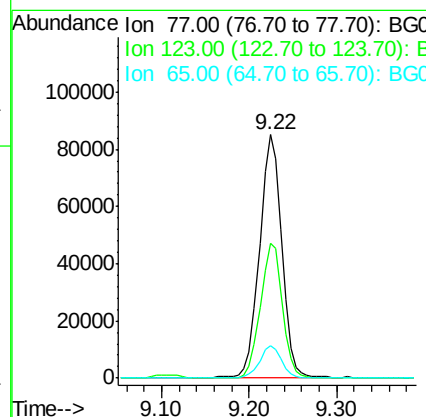
Manual Integrations
 APPROVED

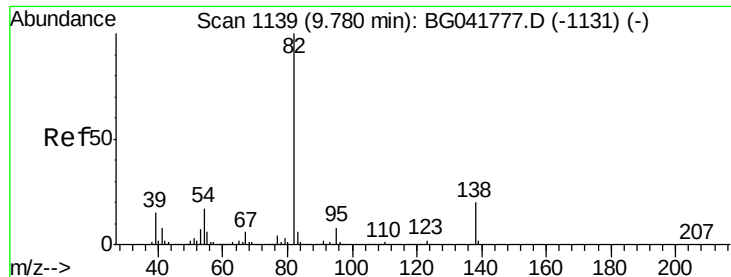
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#24
 Nitrobenzene
 Concen: 44.315 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.6	38.1	57.1
65	13.4	11.0	16.6





#25

Isophorone

Concen: 42.410 ng

RT: 9.75 min Scan# 1134

Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Instrument :

BNA_G

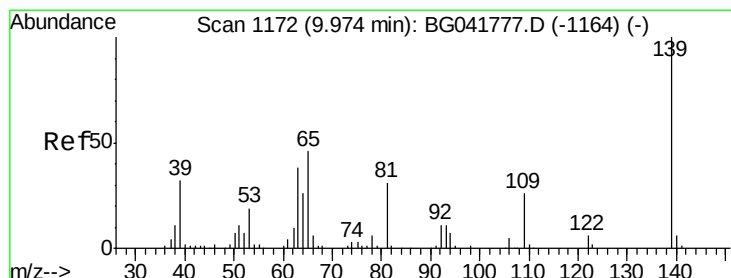
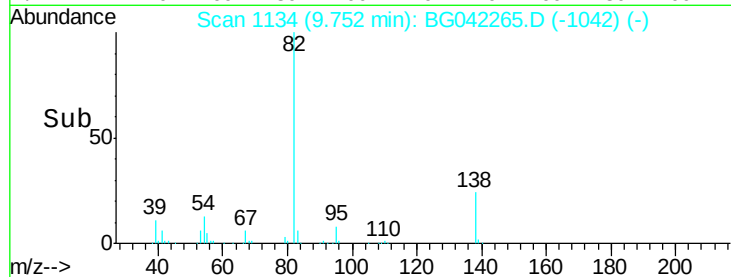
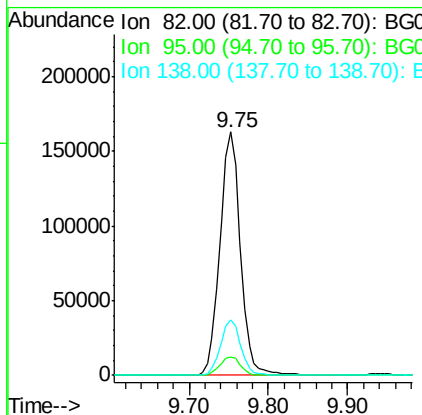
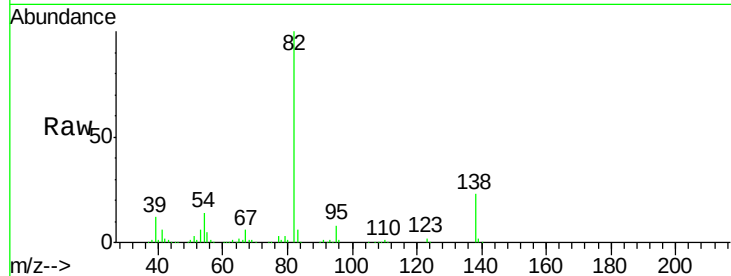
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MSD

Tot Ion:	82	Resp:	292882
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.9	8.9
138	22.7	16.3	24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 61.424 ng

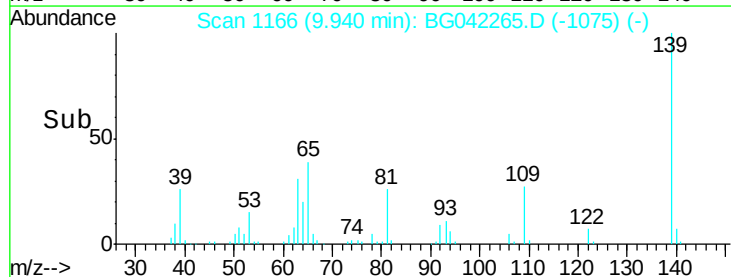
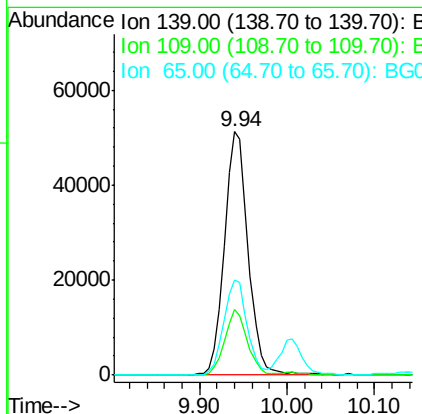
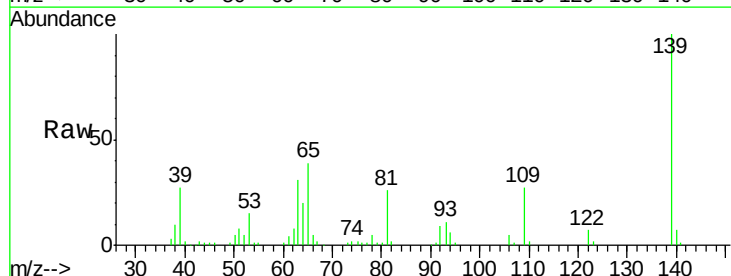
RT: 9.94 min Scan# 1166

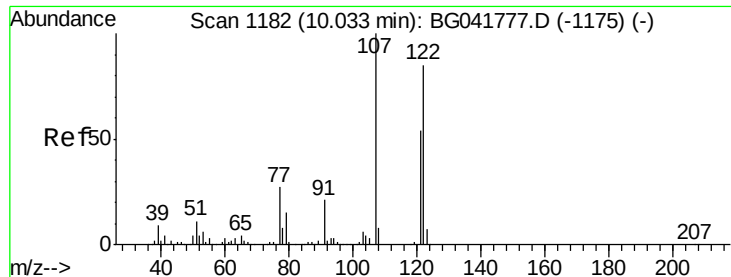
Delta R.T. 0.00 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Tgt Ion:	139	Resp:	95343
Ion Ratio	Lower	Upper	
139	100		
109	27.0	22.7	34.1
65	39.3	41.1	61.7#





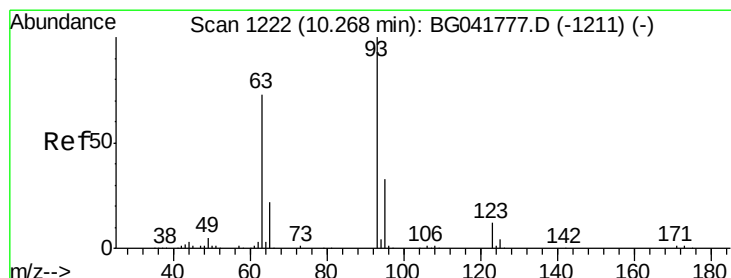
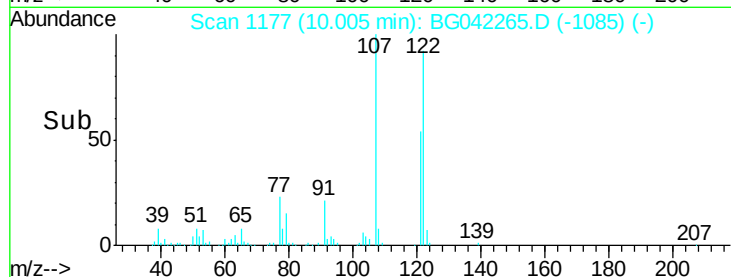
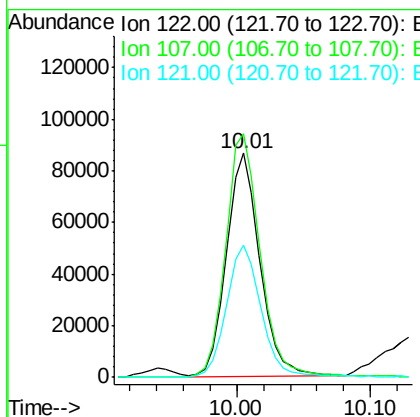
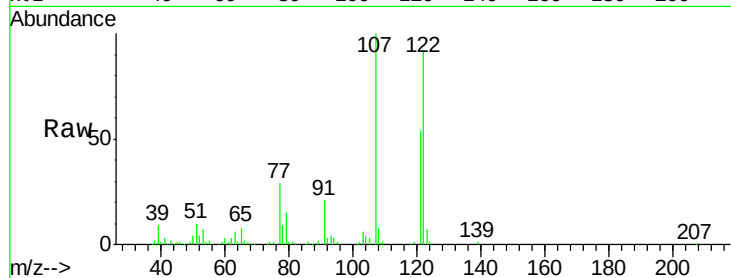
#27
2,4-Dimethylphenol
Concen: 55.144 ng
RT: 10.01 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	151069		
107	108.5	91.3	136.9	
121	58.9	49.2	73.8	

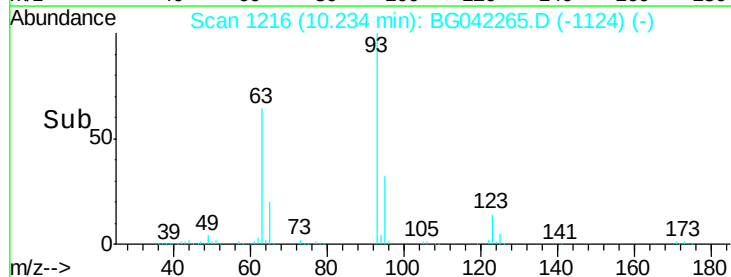
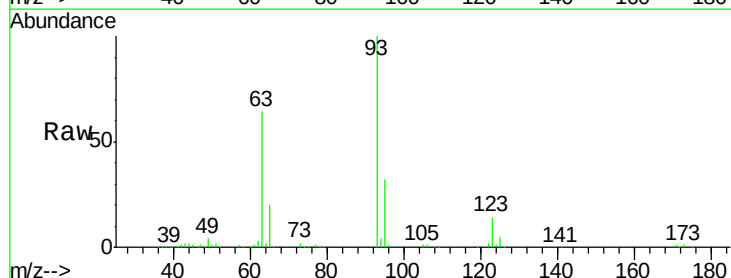
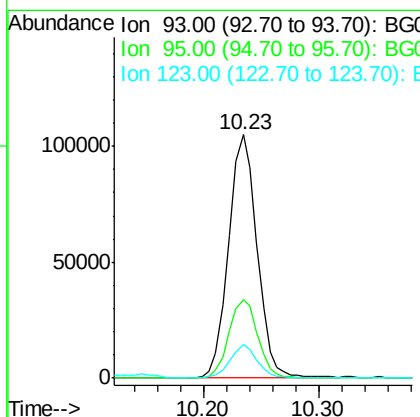
Manual Integrations
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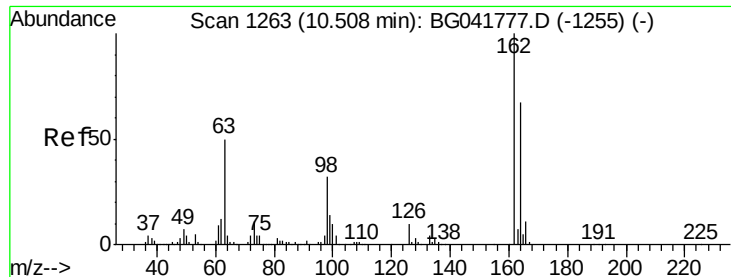
Jagrut
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#28
bis(2-Chloroethoxy)methane
Concen: 41.726 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	180072		
95	32.2	26.2	39.4	
123	13.6	9.9	14.9	





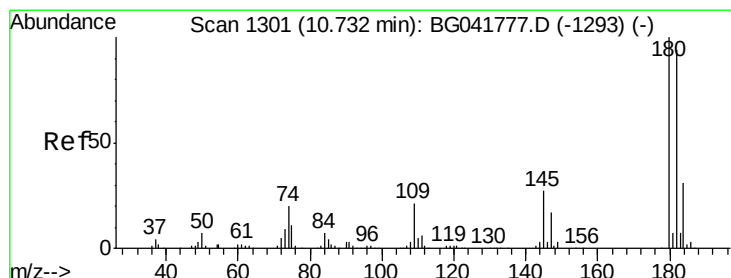
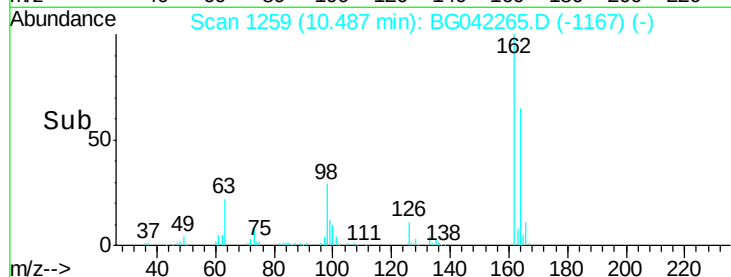
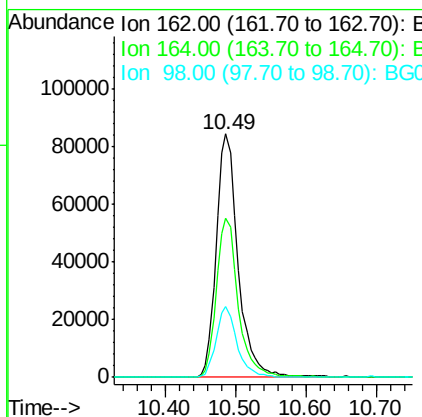
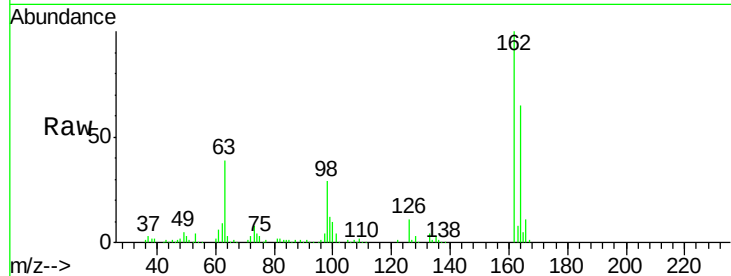
#29
 2,4-Dichlorophenol
 Concen: 54.417 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	181544		
164	65.5	46.1	86.1	
98	29.2	14.7	54.7	

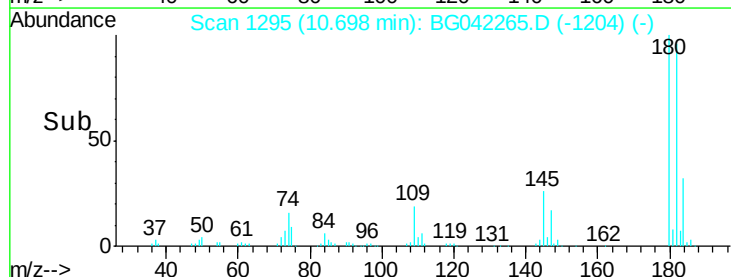
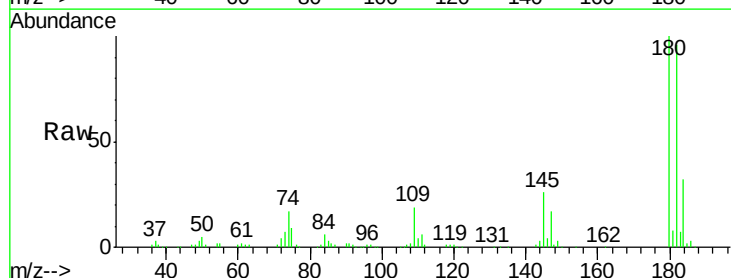
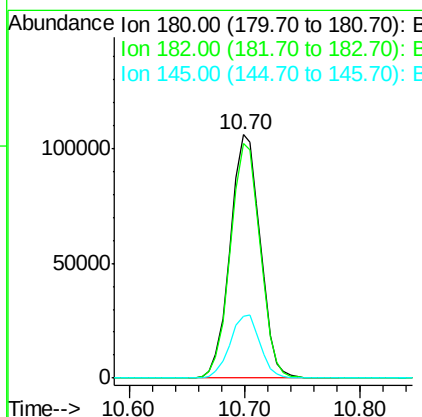
Manual Integrations
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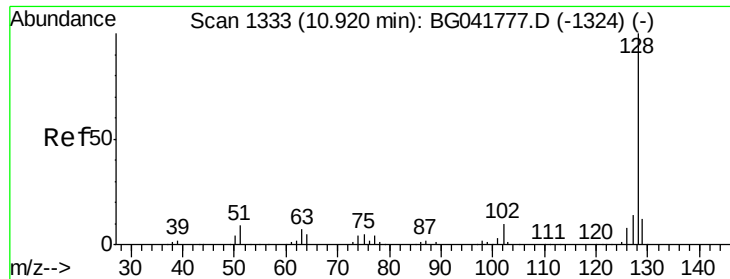
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.100 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	190800		
182	96.3	76.2	114.2	
145	25.6	23.8	35.8	





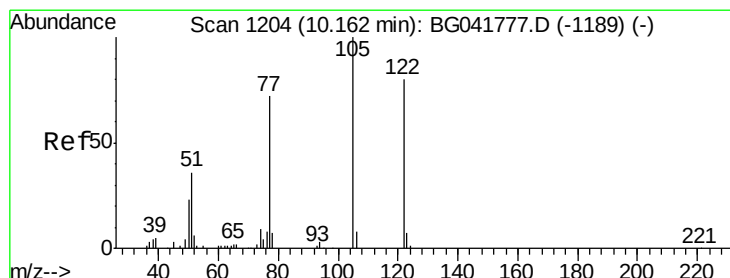
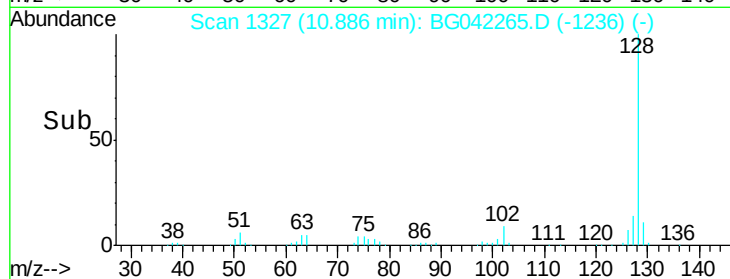
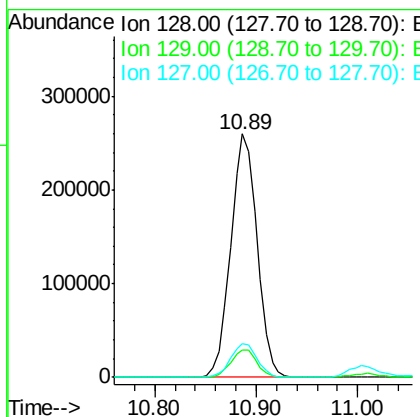
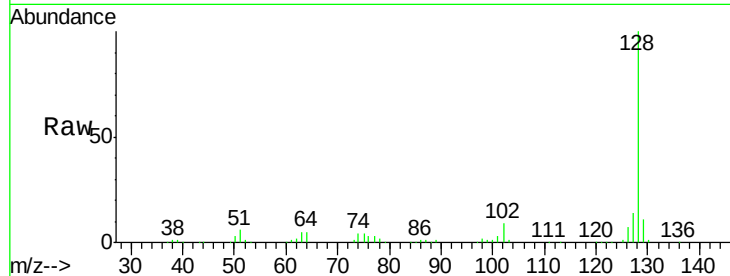
#31
Naphthalene
Concen: 46.747 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	467398		
129	11.3	10.0	15.0	
127	14.0	12.3	18.5	

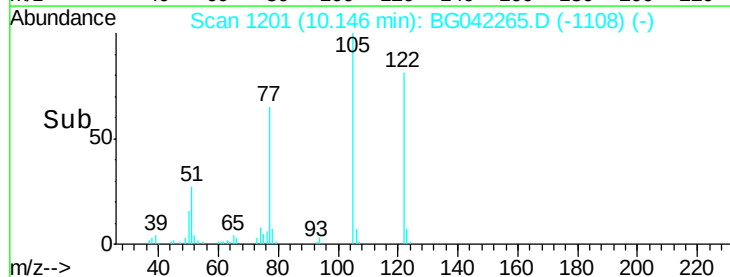
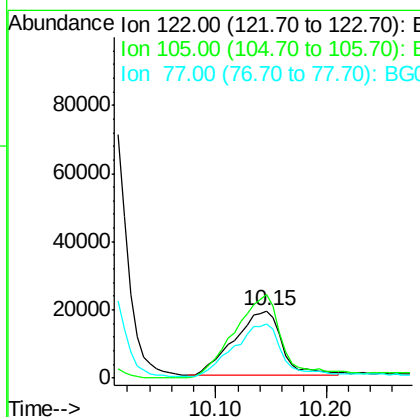
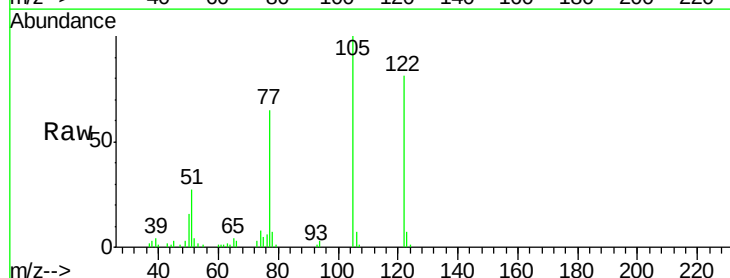
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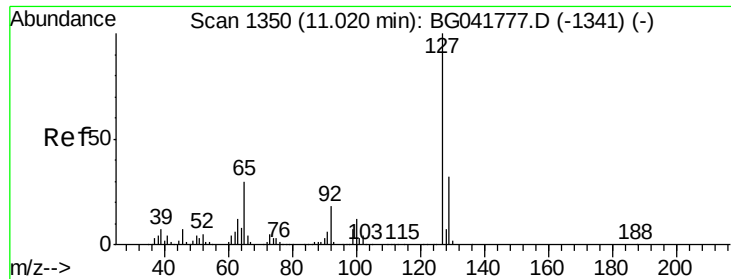
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#32
Benzoic acid
Concen: 32.776 ng
RT: 10.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	57523		
105	123.5	101.5	141.5	
77	80.7	73.0	113.0	





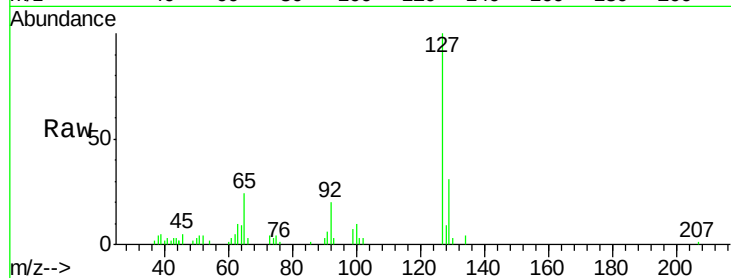
#33
4-Chloroaniline
Concen: 6.270 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.02 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD

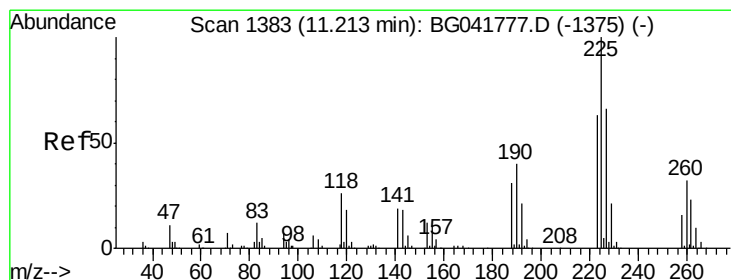
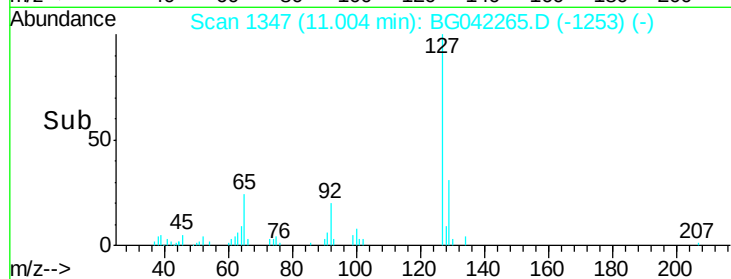
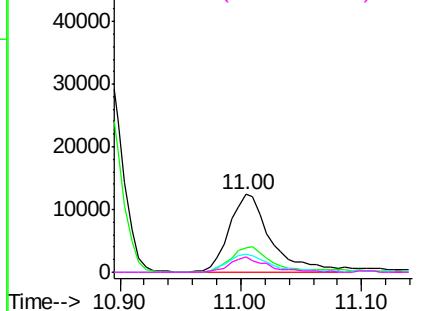
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.8	38.8
65	23.6	26.7	40.1
92	20.0	15.4	23.0

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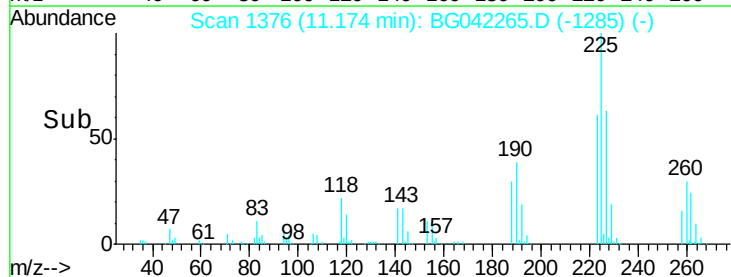
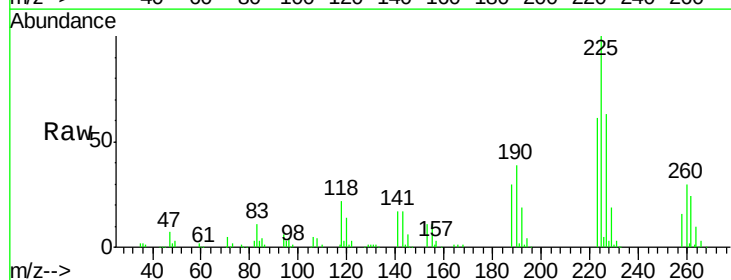
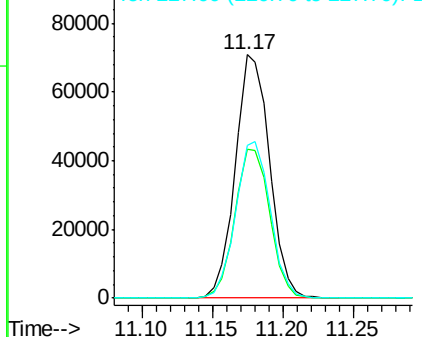
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

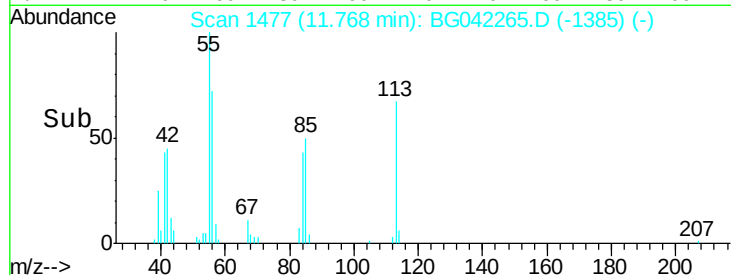
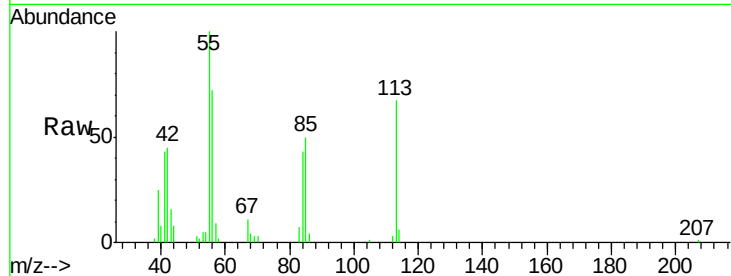
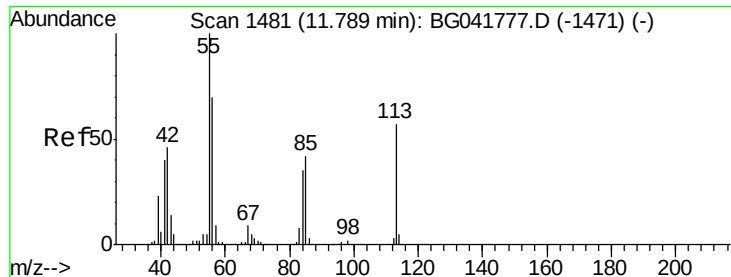


#34
Hexachlorobutadiene
Concen: 42.059 ng
RT: 11.17 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	51.1	76.7
227	62.8	50.9	76.3

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.671 ng/mL

RT: 11.77 min Scan# 1477

Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Instrument :

BNA_G

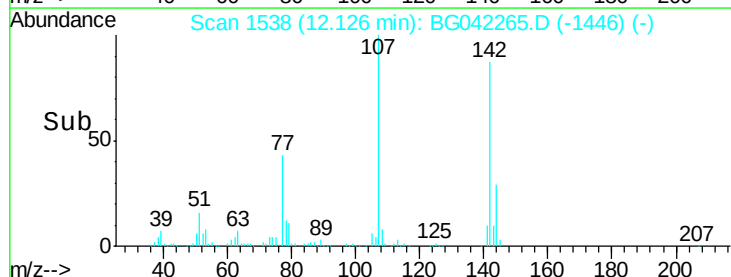
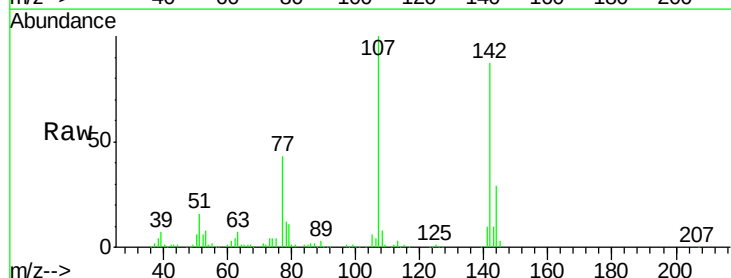
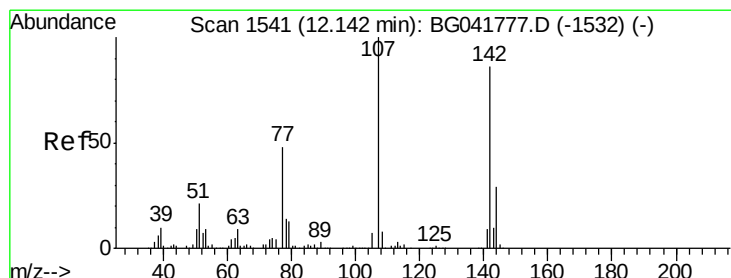
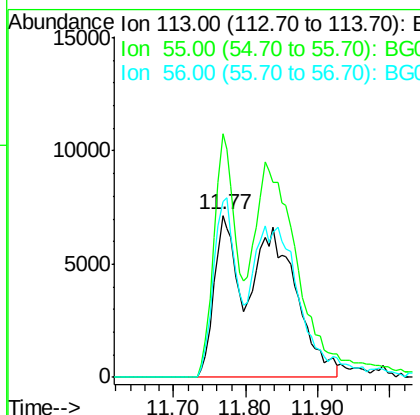
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MSD

Tot Ion:	113	Resp:	42517
Ion Ratio	Lower	Upper	
113	100		
55	150.0	199.4	239.4#
56	108.1	133.6	173.6#

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#36

4-Chloro-3-methylphenol

Concen: 52.315 ng/mL

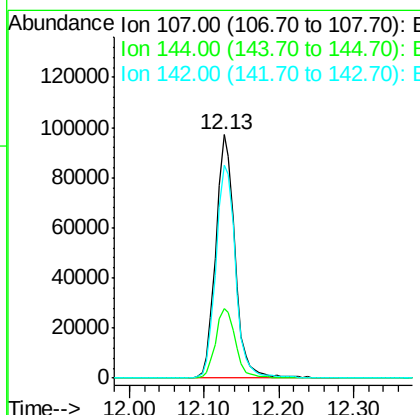
RT: 12.13 min Scan# 1538

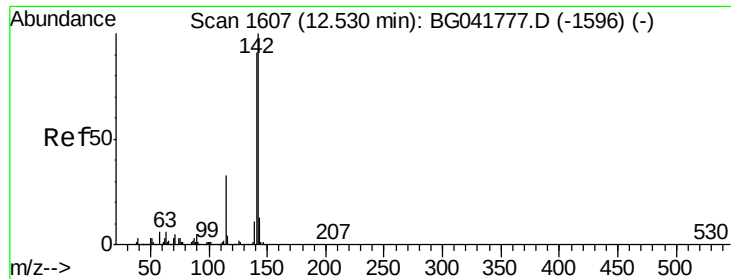
Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Tgt Ion:	107	Resp:	173034
Ion Ratio	Lower	Upper	
107	100		
144	28.8	22.2	33.2
142	87.4	67.3	100.9





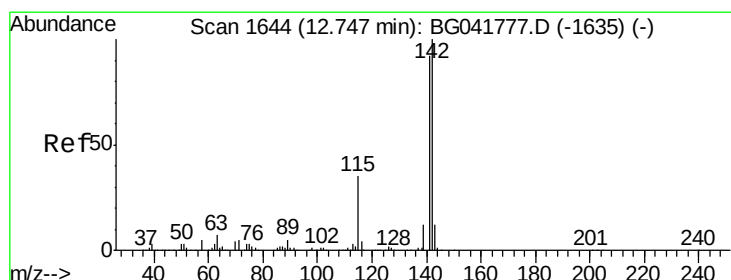
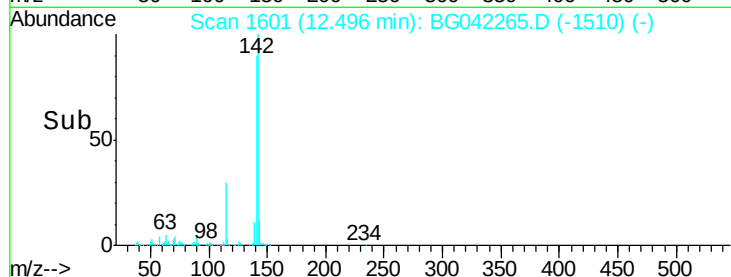
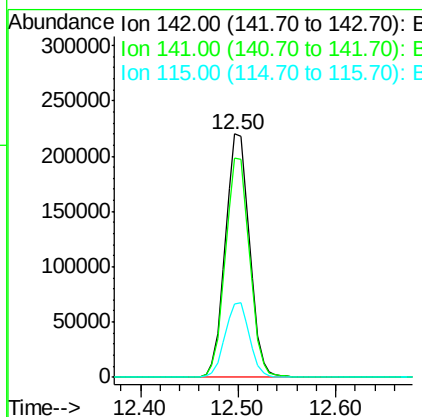
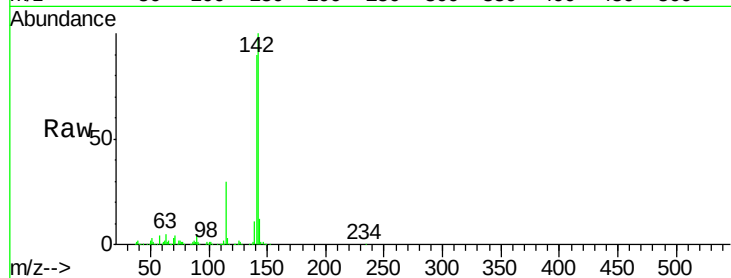
#37
2-Methylnaphthalene
Concen: 47.973 ng
RT: 12.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.7	109.1
115	30.0	27.0	40.4

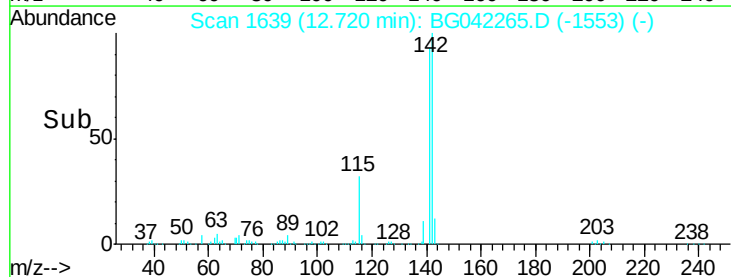
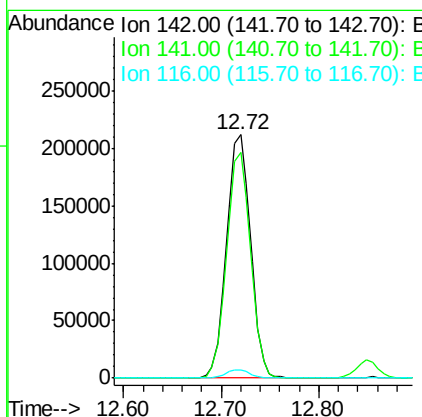
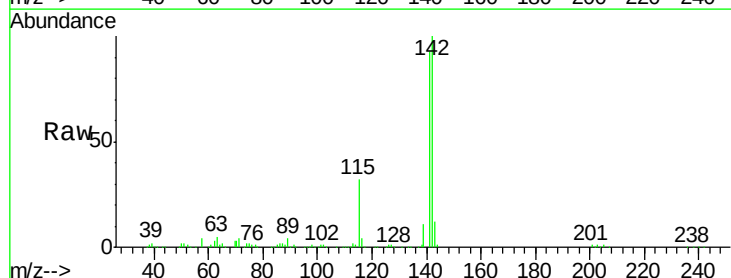
Manual Integrations
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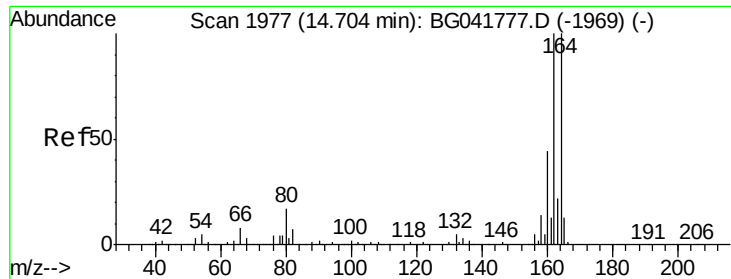
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#38
1-Methylnaphthalene
Concen: 48.221 ng
RT: 12.72 min Scan# 1639
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.4	113.2
116	3.6	3.2	4.8





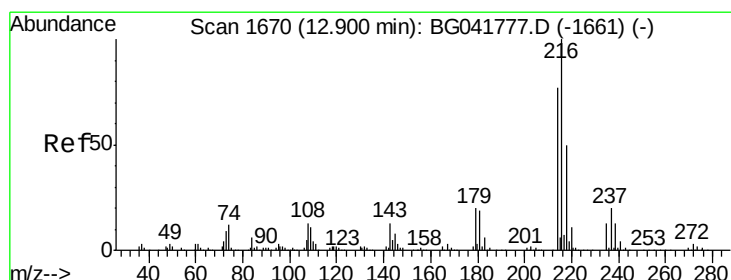
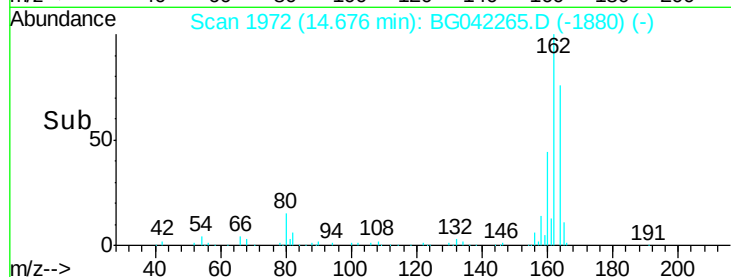
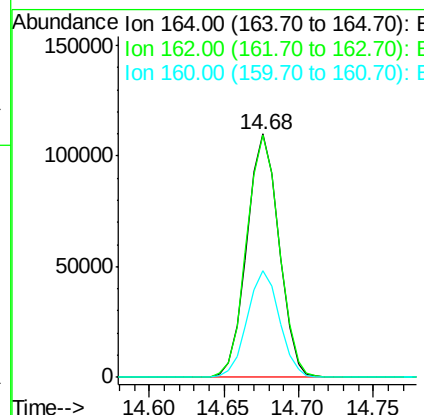
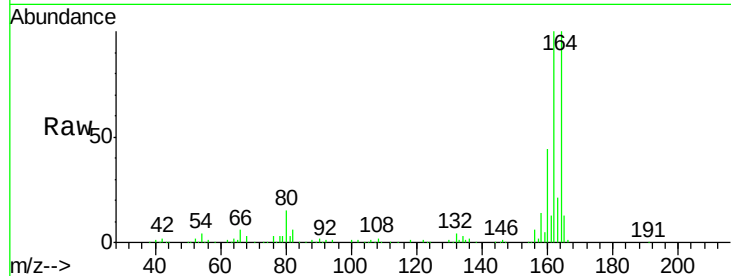
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.6	119.4
160	43.6	35.4	53.0

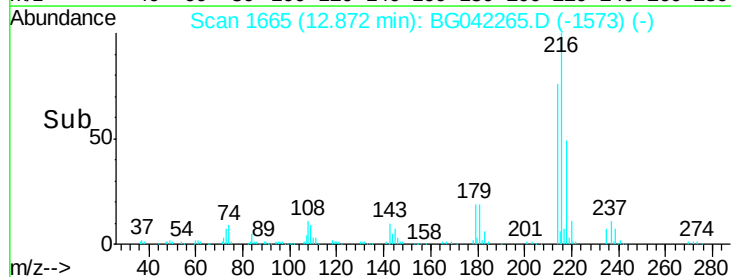
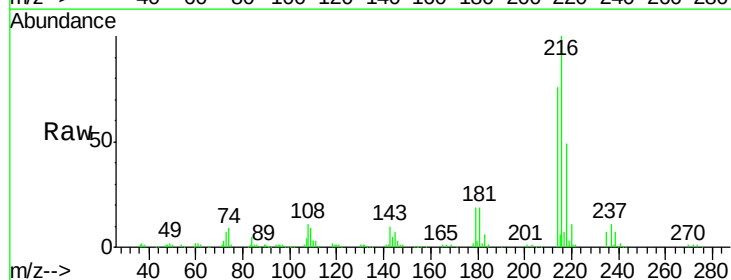
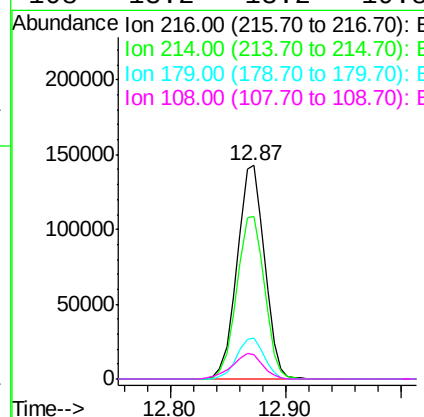
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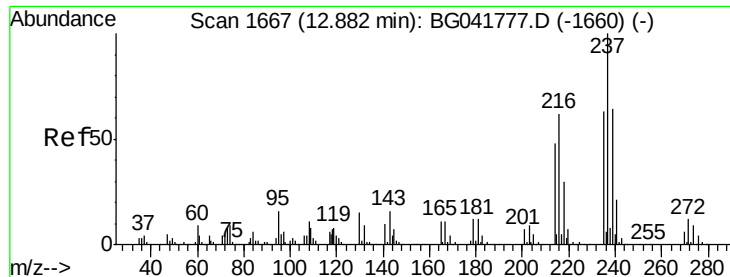
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.559 ng
RT: 12.87 min Scan# 1665
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.9	61.5	92.3
179	19.1	16.2	24.2
108	13.2	13.2	19.8





#41

Hexachlorocyclopentadiene

Concen: 85.941 ng

RT: 12.85 min Scan# 1661

Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Instrument :

BNA_G

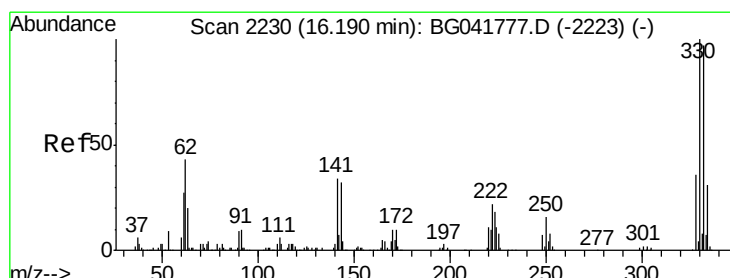
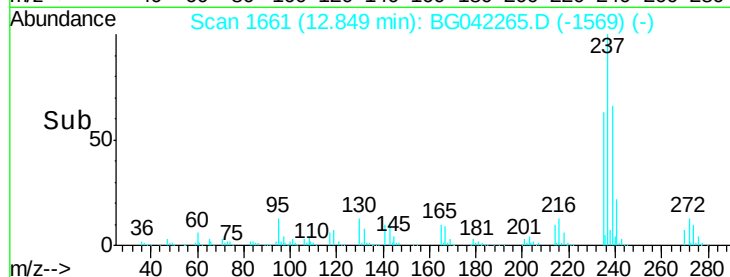
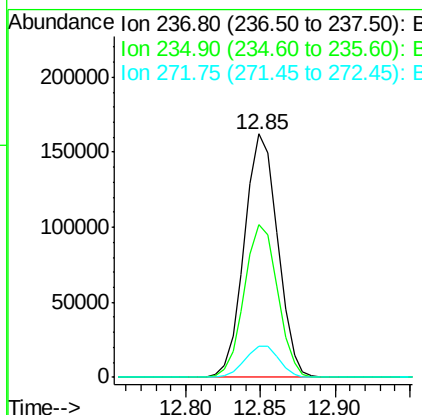
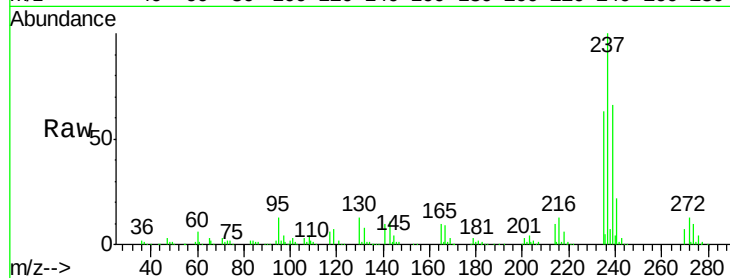
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MSD

Tot Ion:	237	Resp:	249806
Ion Ratio	Lower	Upper	
237	100		
235	62.7	43.5	83.5
272	12.8	0.0	31.2

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 183.856 ng

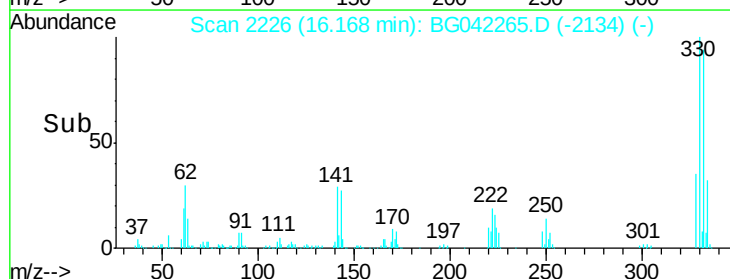
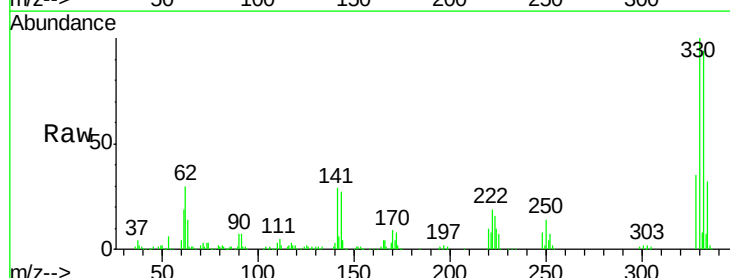
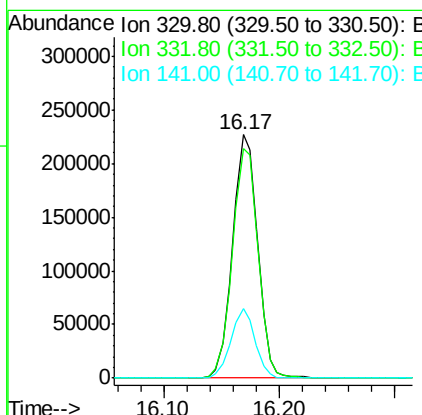
RT: 16.17 min Scan# 2226

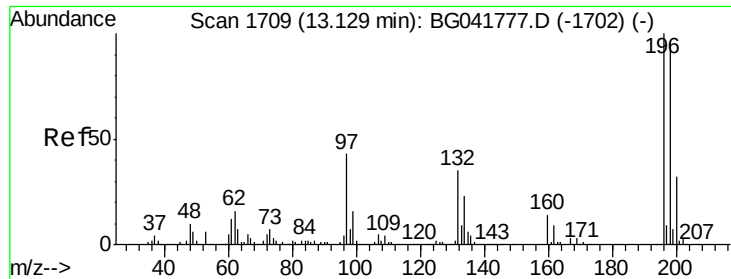
Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Tgt Ion:	330	Resp:	341087
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.4	116.0
141	27.6	31.9	47.9#





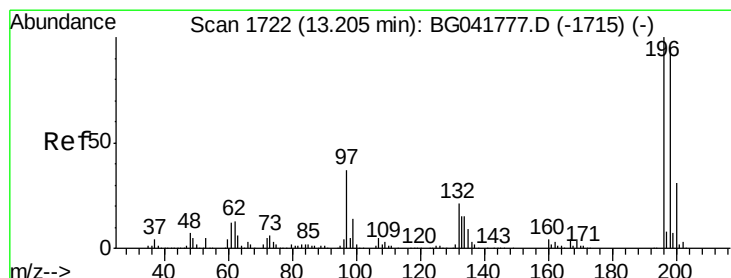
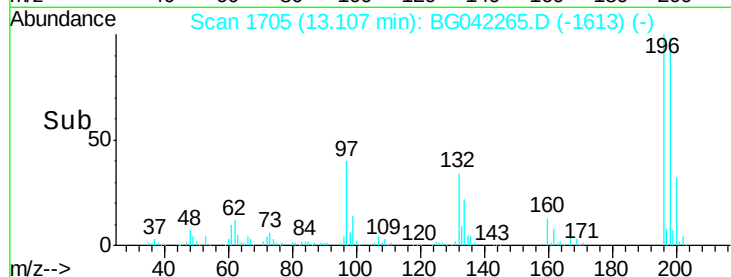
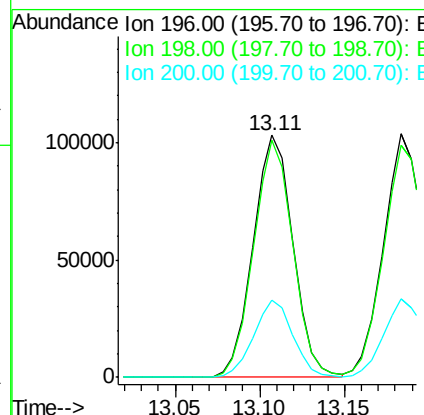
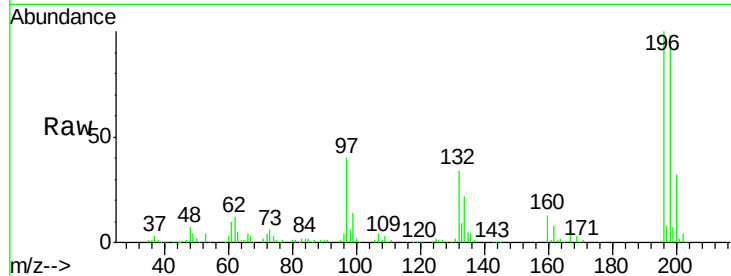
#43
 2,4,6-Trichlorophenol
 Concen: 51.908 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	169617		
198	98.2	79.6	119.4	
200	32.1	25.2	37.8	

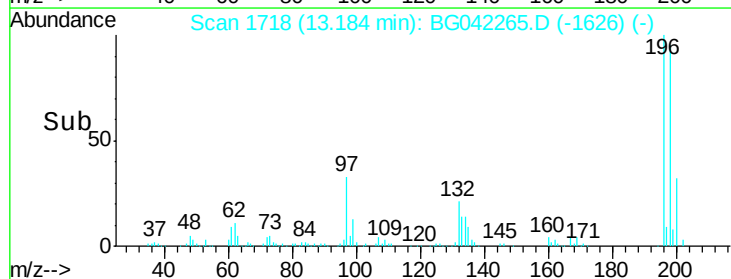
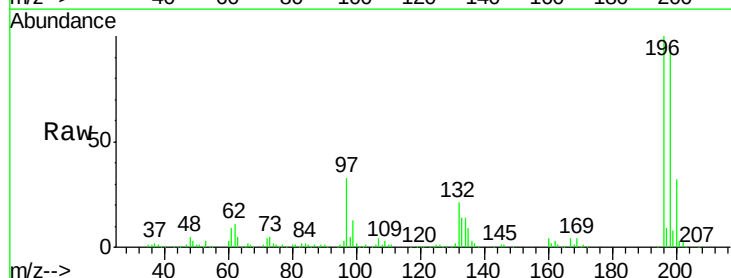
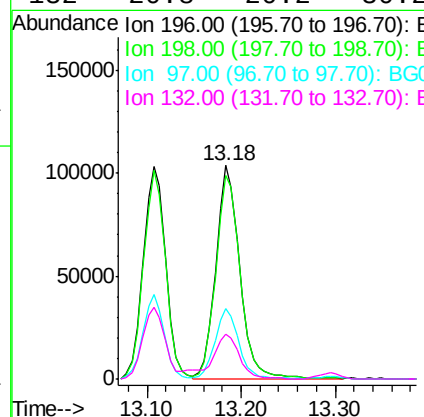
Manual Integrations
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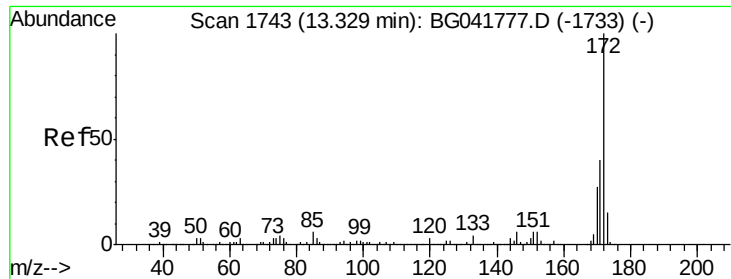
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#44
 2,4,5-Trichlorophenol
 Concen: 54.368 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	184617		
198	95.2	80.6	121.0	
97	32.9	33.9	50.9	
132	20.8	20.2	30.2	





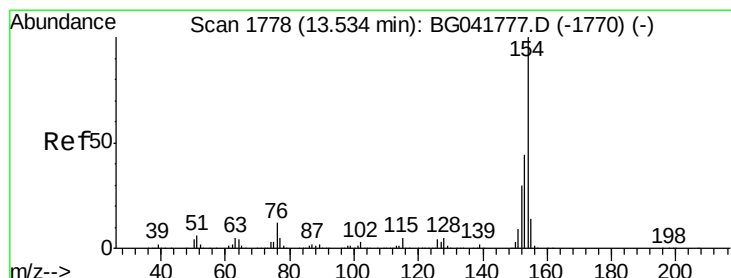
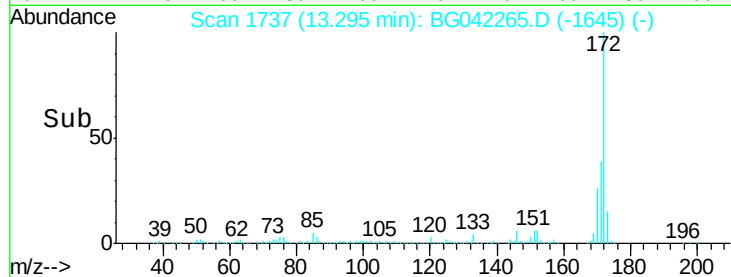
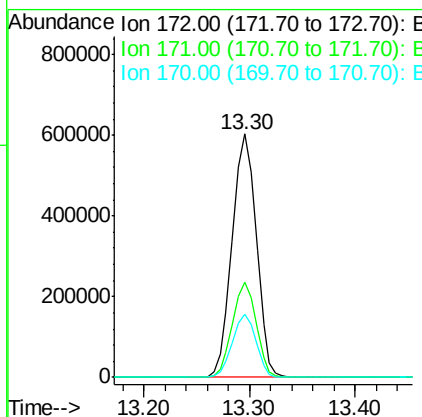
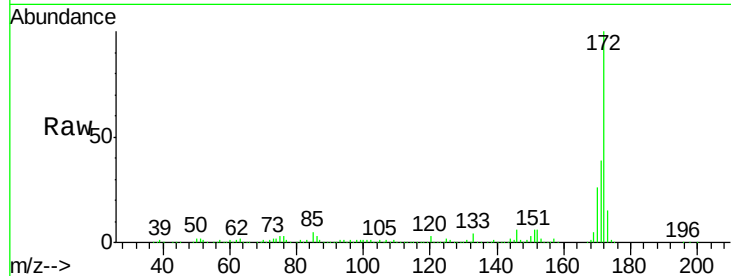
#45
2-Fluorobiphenyl
Concen: 103.017 ng
RT: 13.30 min Scan# 1737
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	953983		
171	39.1		35.0	52.4
170	25.9		23.5	35.3

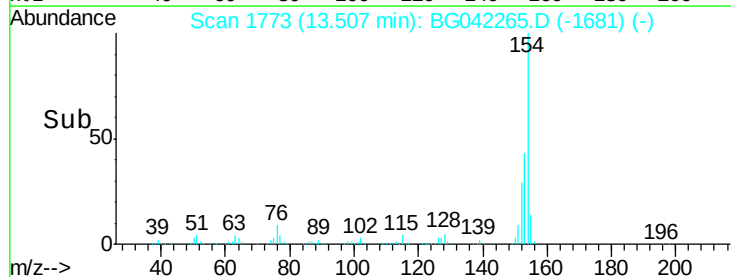
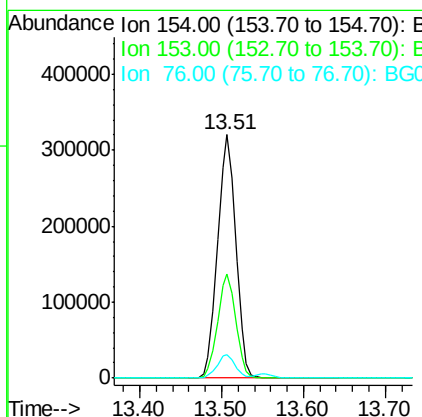
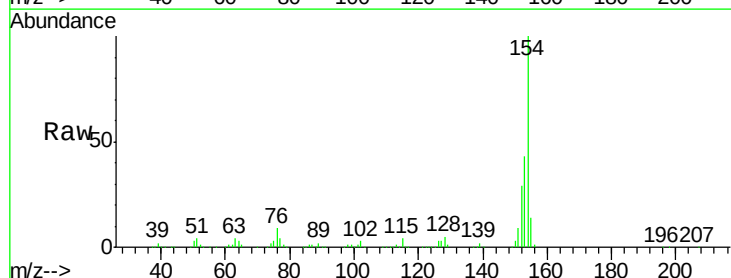
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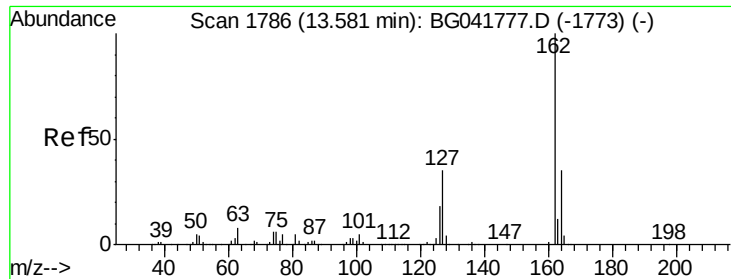
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#46
1,1'-Biphenyl
Concen: 47.583 ng
RT: 13.51 min Scan# 1773
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	499581		
153	42.9		25.0	65.0
76	9.4		0.0	34.5





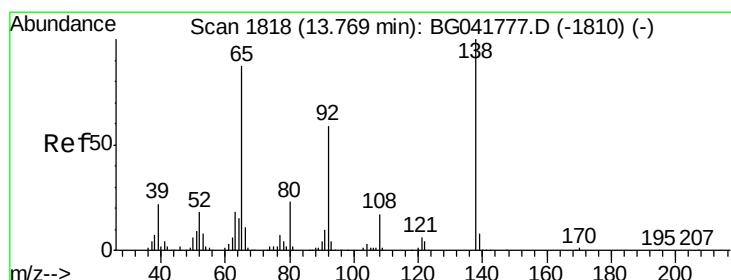
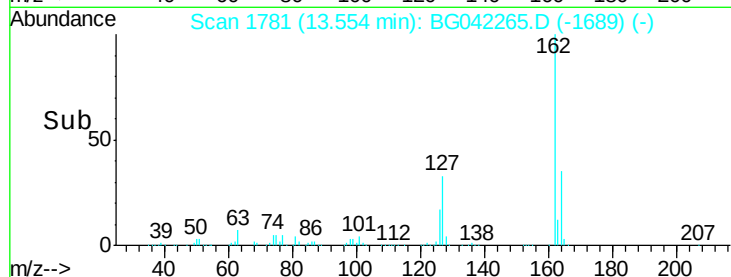
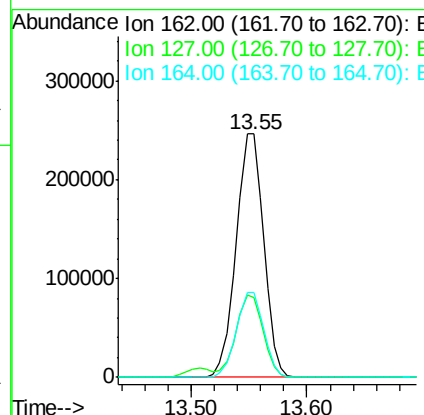
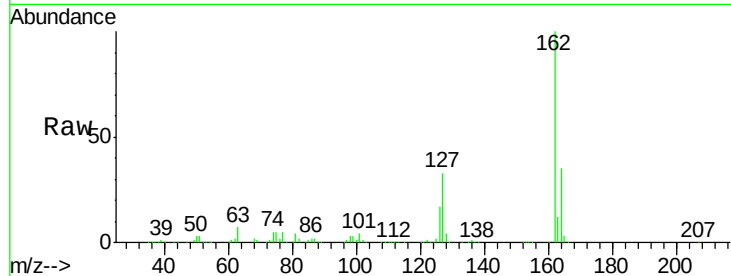
#47
2-Chloronaphthalene
Concen: 45.641 ng
RT: 13.55 min Scan# 1781
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	407985		
127	32.8		30.4	45.6
164	34.8		28.6	42.8

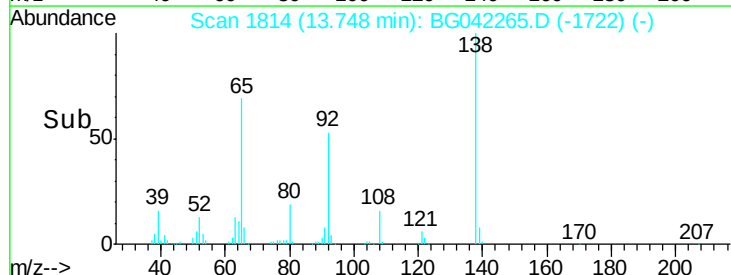
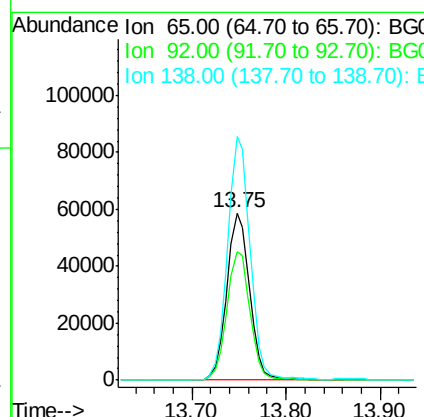
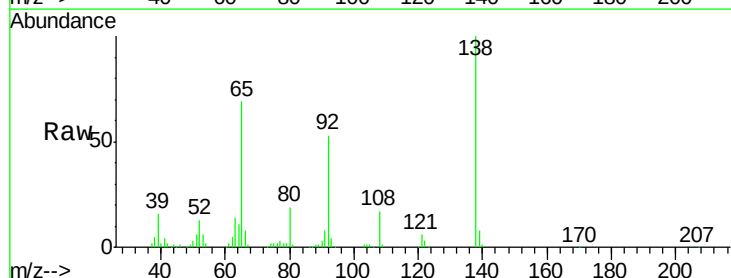
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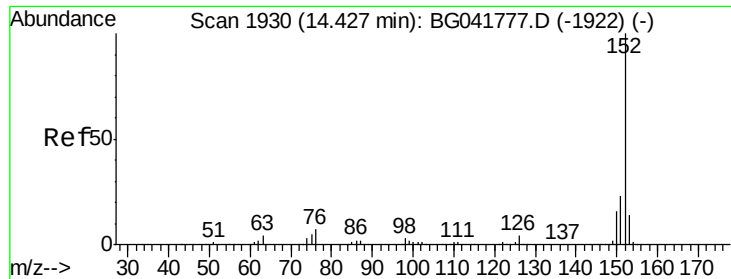
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#48
2-Nitroaniline
Concen: 43.863 ng
RT: 13.75 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	99443		
92	77.3		53.9	80.9
138	145.9		83.5	125.3#





#49

Acenaphthylene

Concen: 49.466 ng

RT: 14.40 min Scan# 1925

Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Instrument :

BNA_G

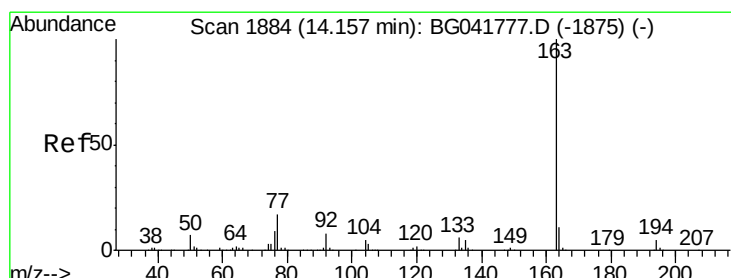
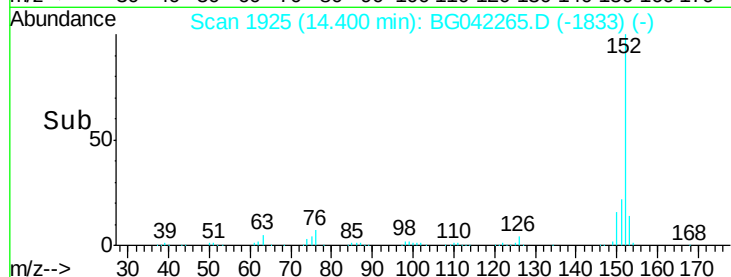
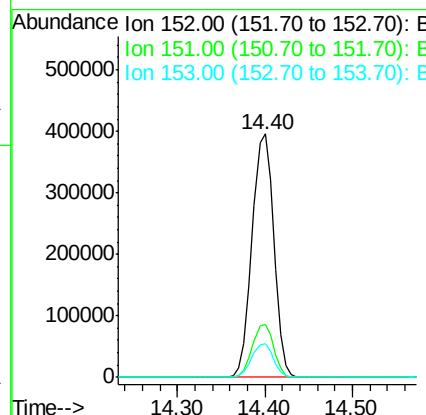
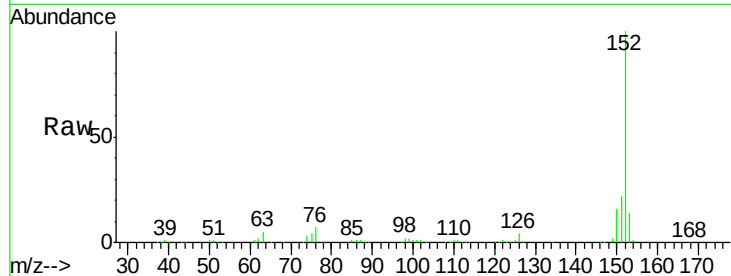
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MSD

Tot Ion:	152	Resp:	661423
Ion Ratio	Lower	Upper	
152	100		
151	21.8	18.7	28.1
153	14.0	12.4	18.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 50.502 ng

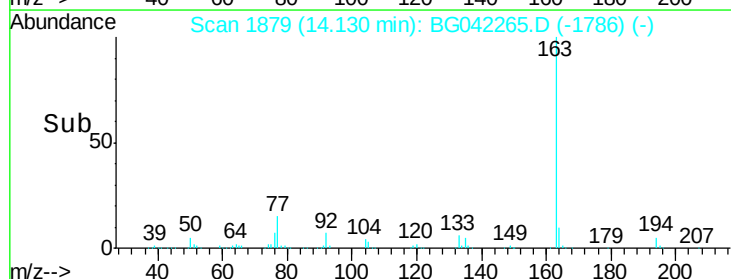
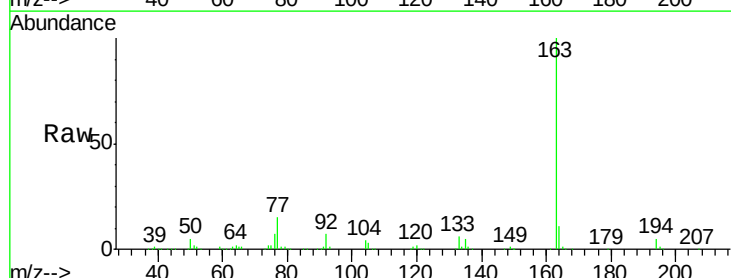
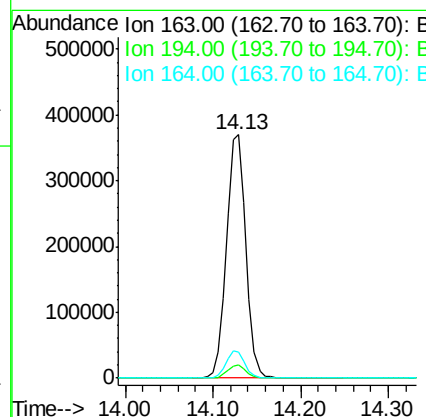
RT: 14.13 min Scan# 1879

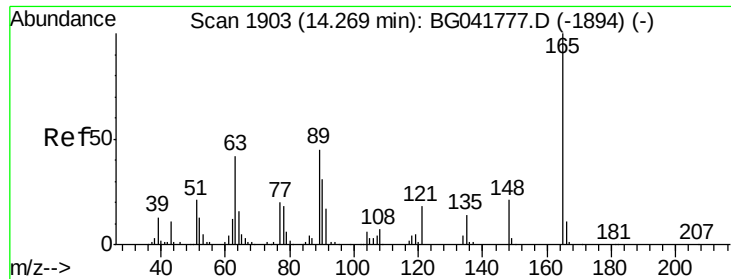
Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Tgt Ion:	163	Resp:	563328
Ion Ratio	Lower	Upper	
163	100		
194	5.2	4.2	6.2
164	10.6	9.4	14.2





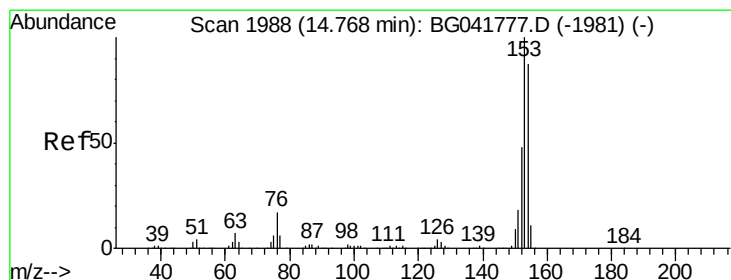
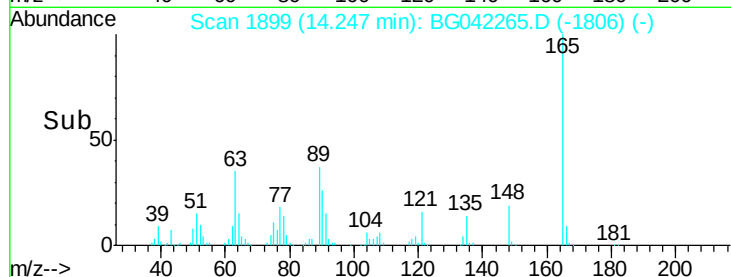
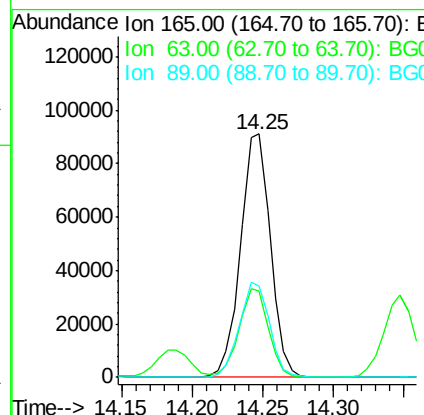
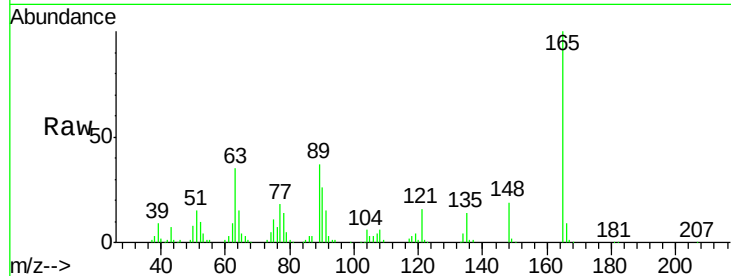
#51
 2,6-Dinitrotoluene
 Concen: 57.805 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.4	42.4	63.6#
89	37.5	42.1	63.1#

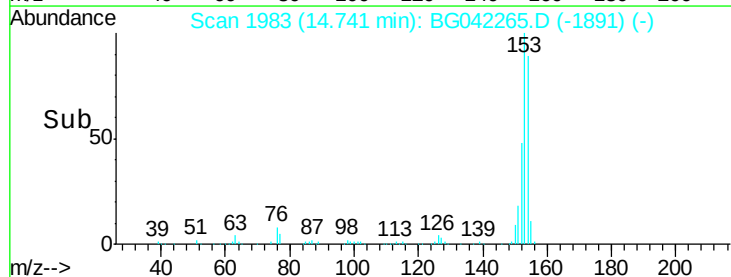
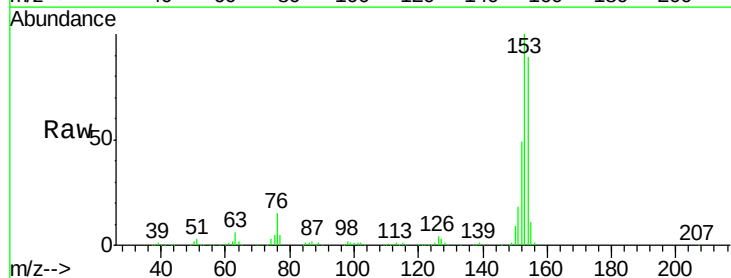
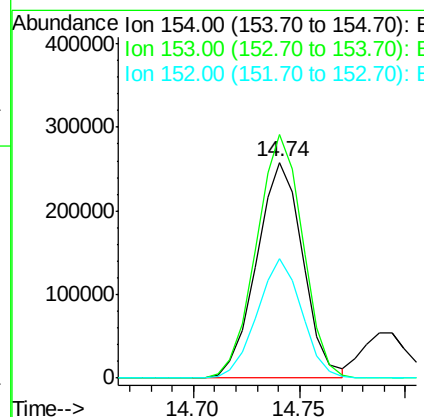
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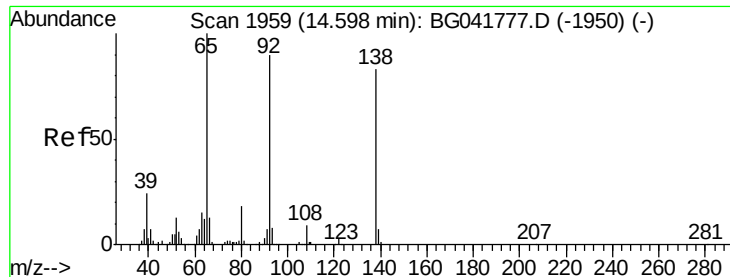
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#52
 Acenaphthene
 Concen: 45.269 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.8	134.6
152	55.0	44.9	67.3





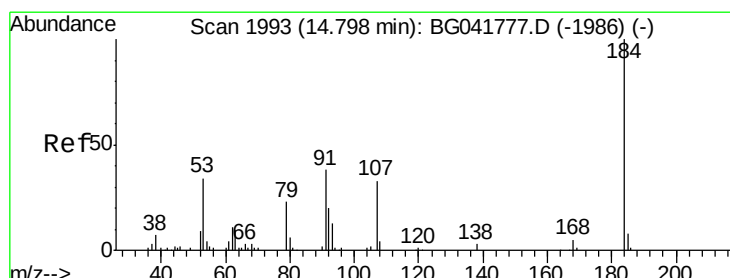
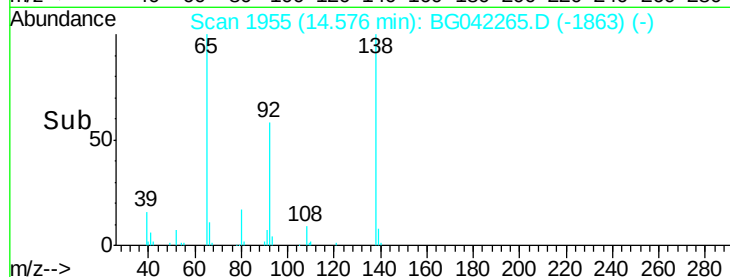
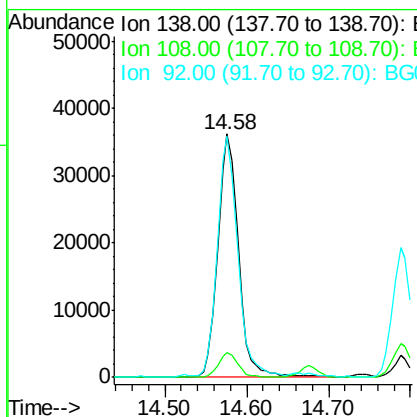
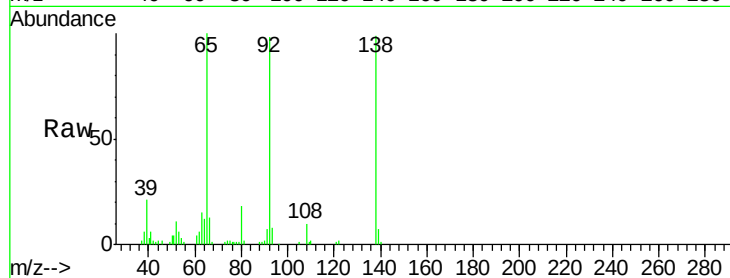
#53
 3-Nitroaniline
 Concen: 25.600 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	10.3	15.5#
92	99.2	93.0	139.4

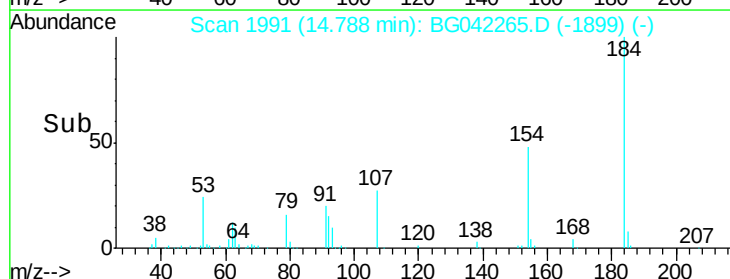
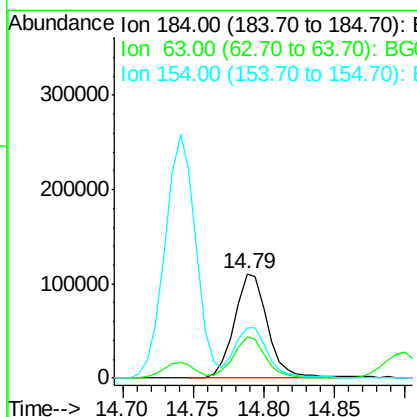
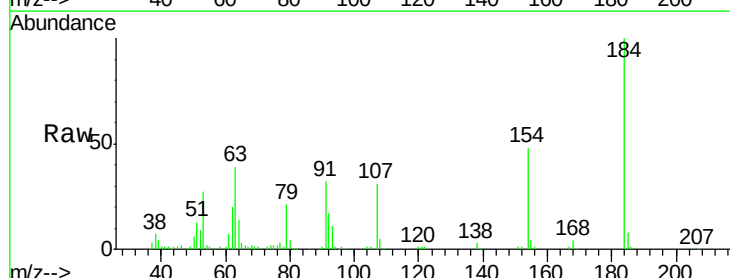
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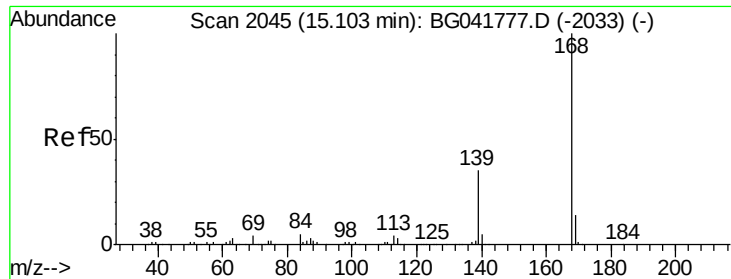
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#54
 2,4-Dinitrophenol
 Concen: 112.104 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	39.4	43.2	64.8#
154	48.3	51.4	77.2#





#55

Dibenzenofuran

Concen: 49.861 ng

RT: 15.08 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Instrument :

BNA_G

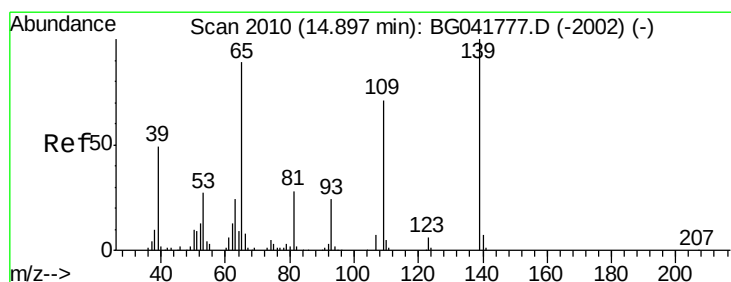
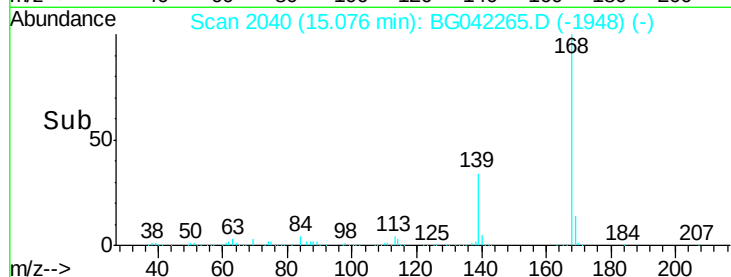
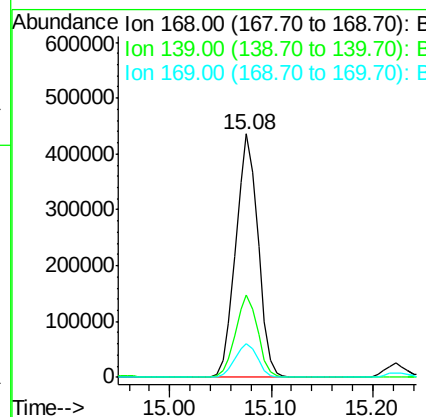
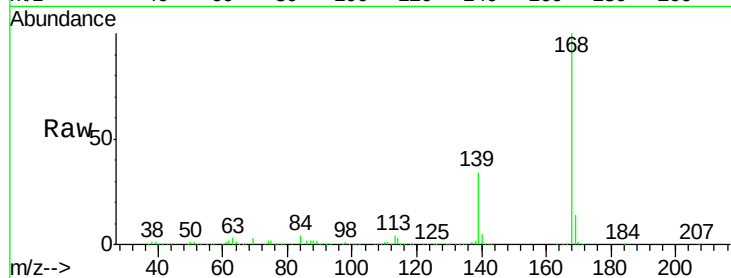
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MSD

Tot Ion:	168	Resp:	663245
Ion Ratio	Lower	Upper	
168	100		
139	33.9	31.9	47.9
169	14.1	12.5	18.7

Manual Integrations
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#56

4-Nitrophenol

Concen: 116.549 ng

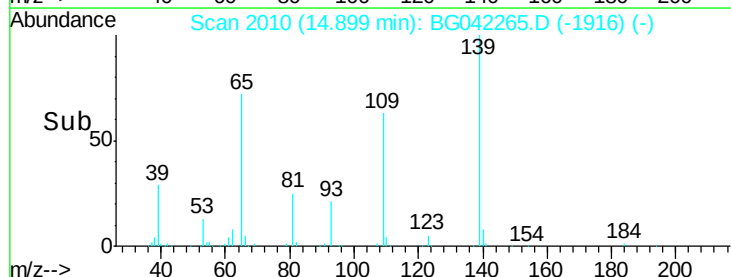
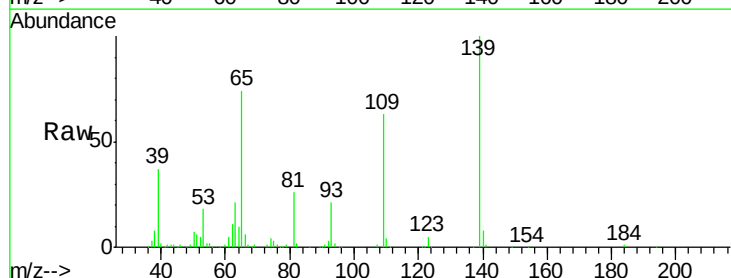
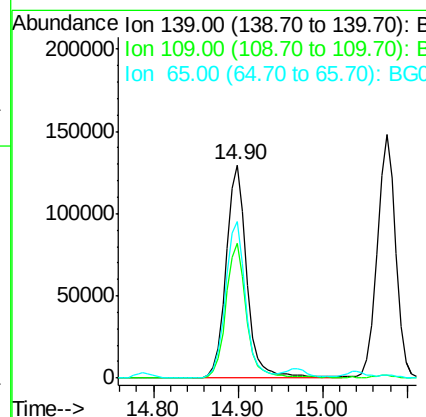
RT: 14.90 min Scan# 2010

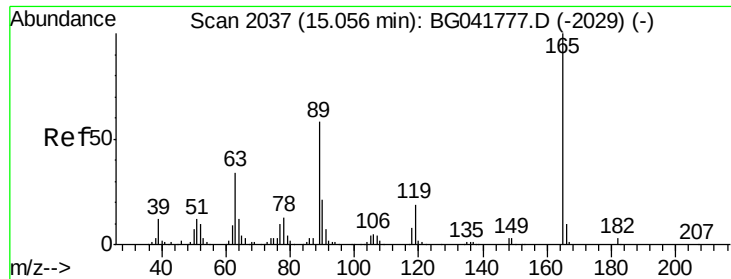
Delta R.T. 0.02 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Tgt Ion:	139	Resp:	220757
Ion Ratio	Lower	Upper	
139	100		
109	63.4	51.3	91.3
65	73.6	77.6	117.6#





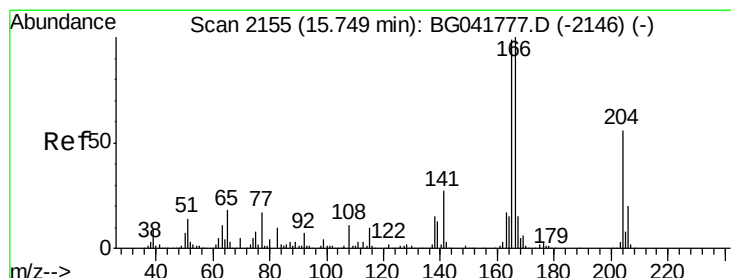
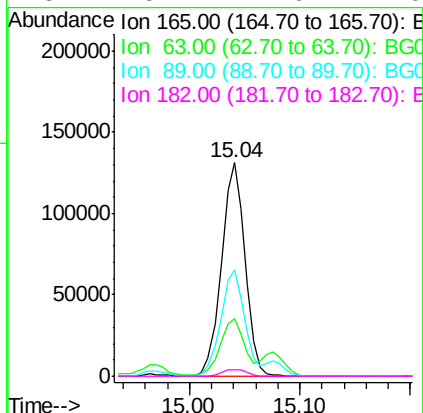
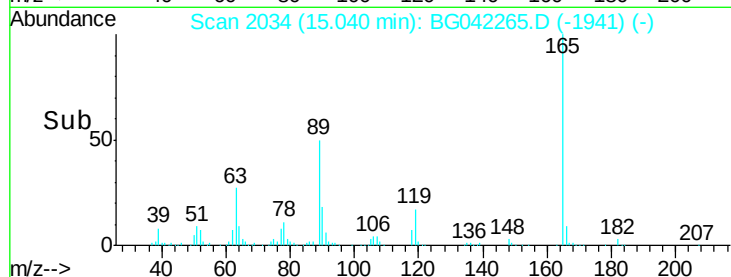
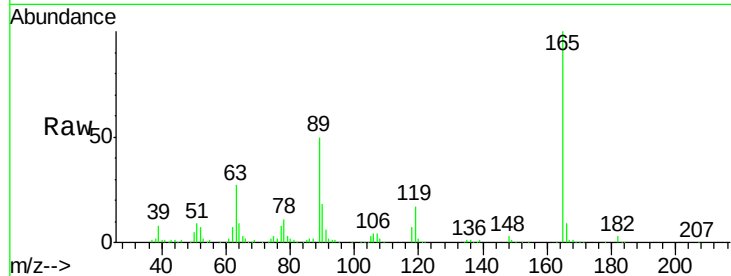
#57
 2,4-Dinitrotoluene
 Concen: 60.717 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	194757		
63	27.0	31.7	47.5#	
89	49.7	50.2	75.4#	
182	3.2	2.6	4.0	

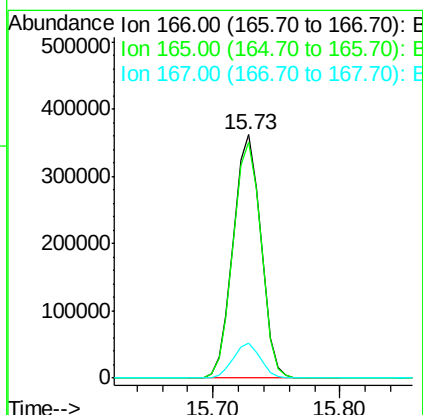
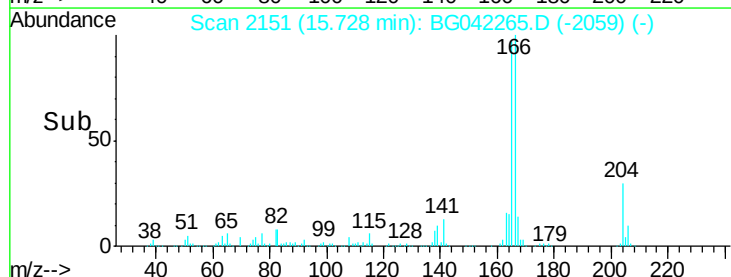
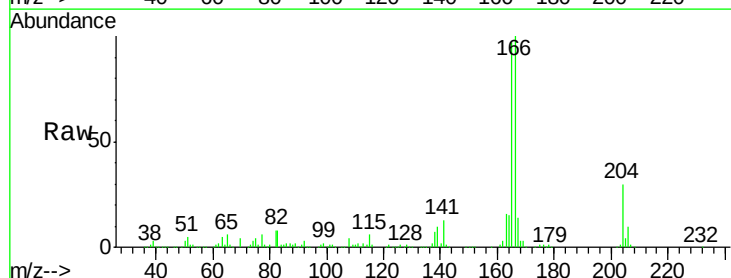
Manual Integrations
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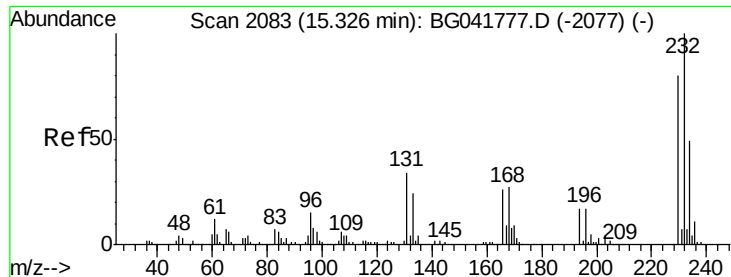
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#58
 Fluorene
 Concen: 51.153 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	546049		
165	96.8	80.5	120.7	
167	14.2	12.4	18.6	





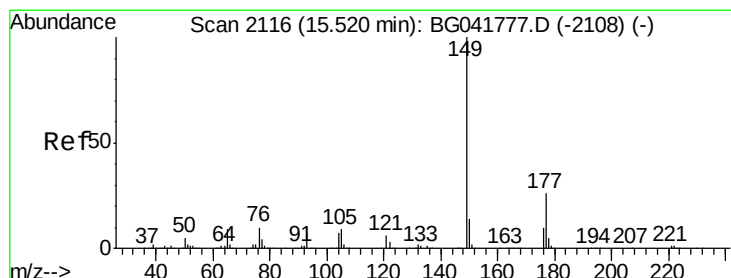
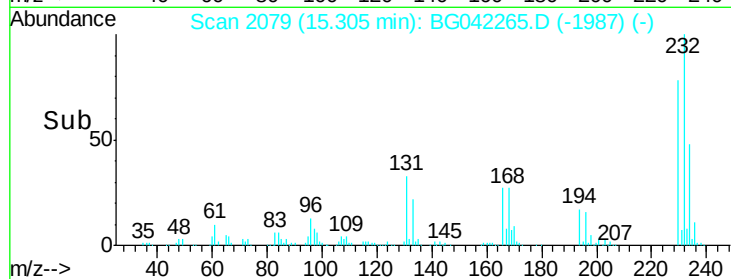
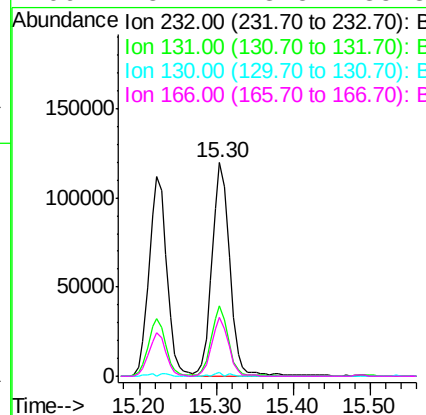
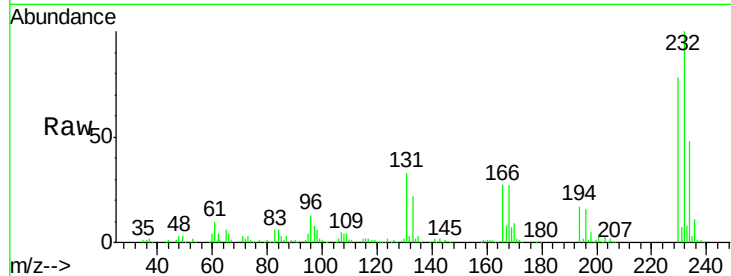
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.964 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		188217		
131	32.1		31.8	47.6	
130	1.2		1.8	2.8	
166	25.7		23.5	35.3	

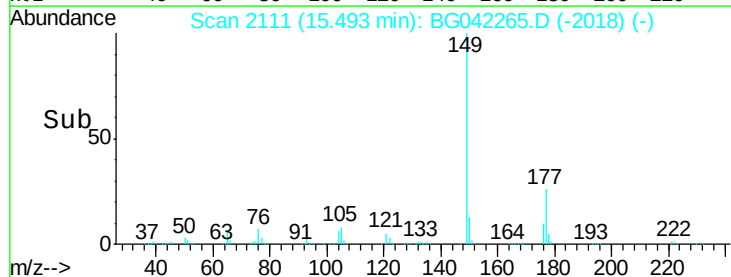
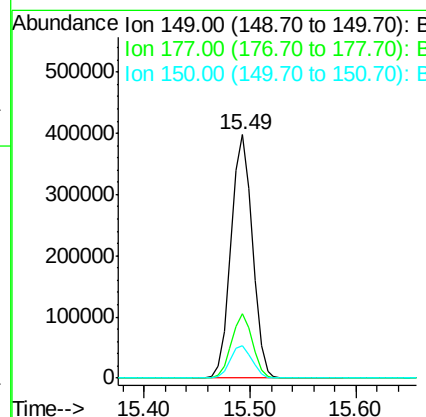
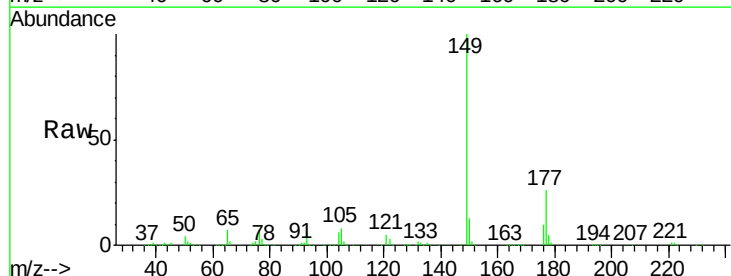
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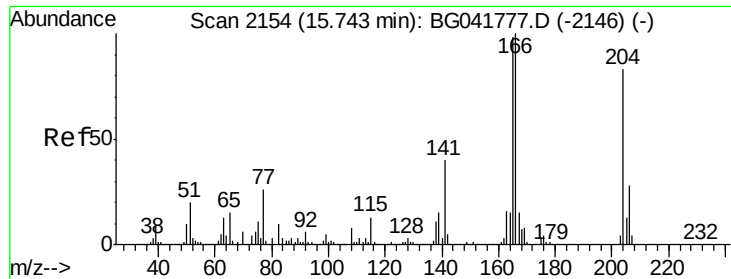
Jagrut
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#60
 Diethylphthalate
 Concen: 50.575 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		553858		
177	26.4		20.7	31.1	
150	13.4		11.5	17.3	





#61

4-Chlorophenyl-phenylether

Concen: 48.622 ng

RT: 15.72 min Scan# 2149

Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Instrument :

BNA_G

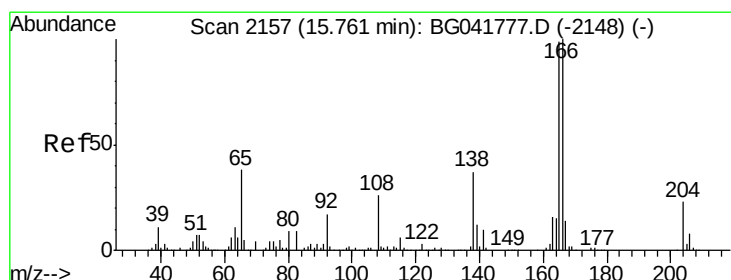
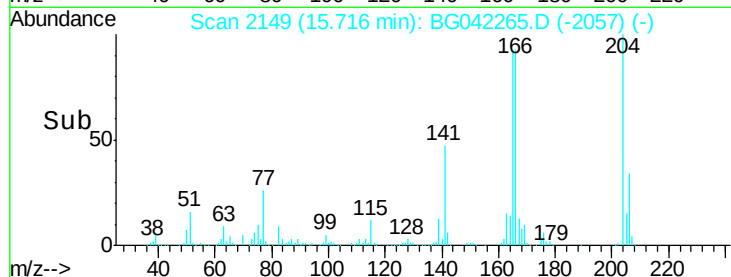
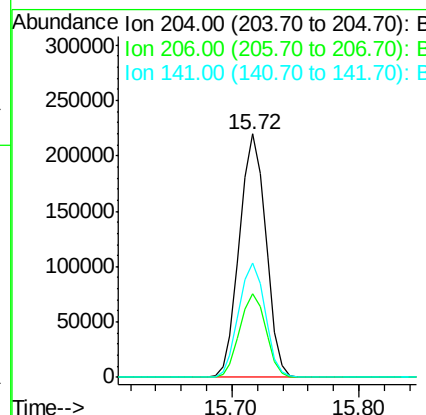
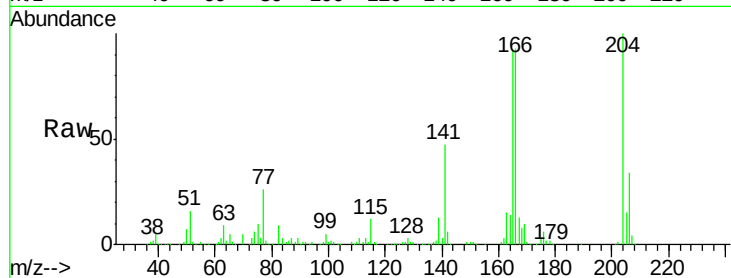
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MSD

Tot Ion:	204	Resp:	316863
Ion Ratio	Lower	Upper	
204	100		
206	34.4	28.6	42.8
141	46.7	42.9	64.3

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#62

4-Nitroaniline

Concen: 49.448 ng

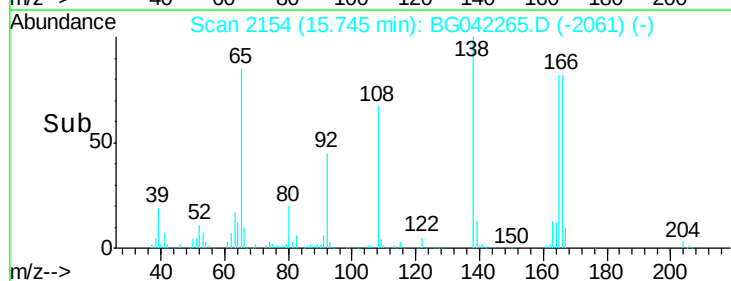
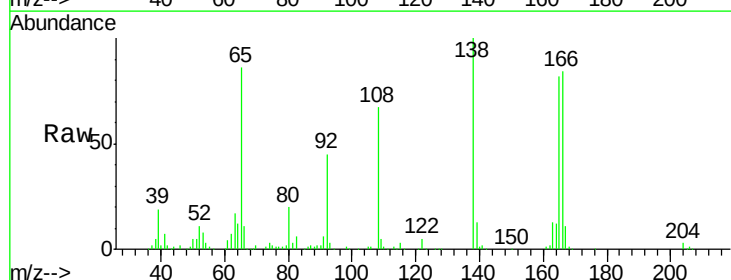
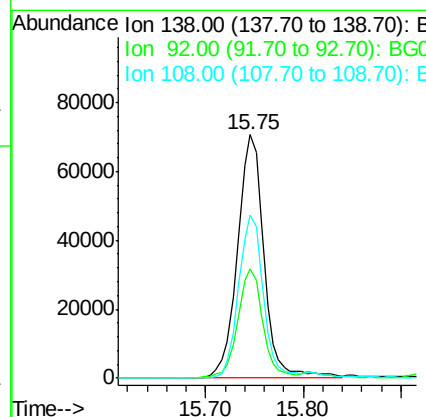
RT: 15.75 min Scan# 2154

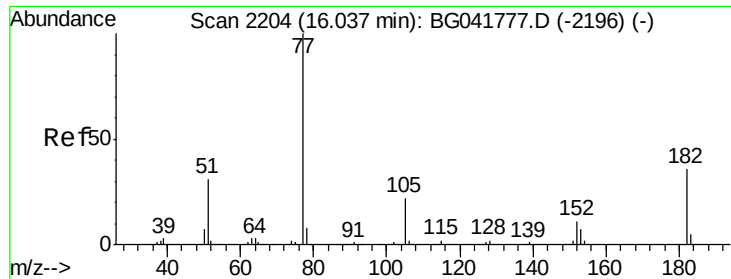
Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Tgt Ion:	138	Resp:	133647
Ion Ratio	Lower	Upper	
138	100		
92	45.0	29.8	69.8
108	67.0	52.2	92.2





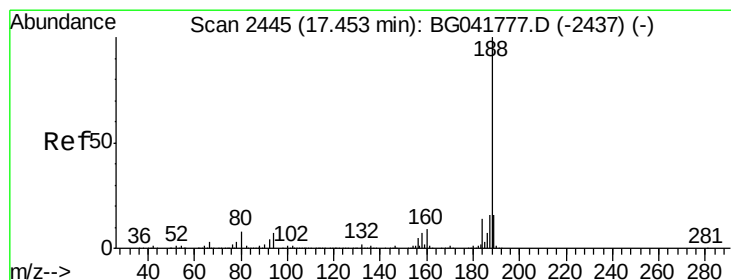
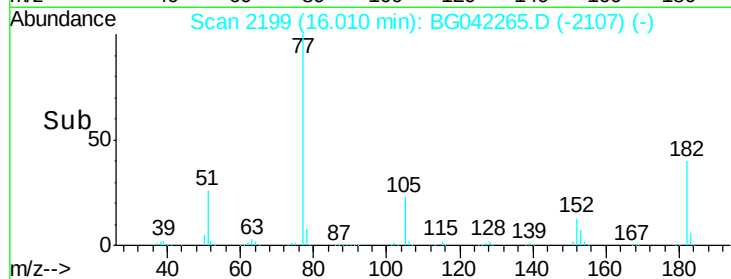
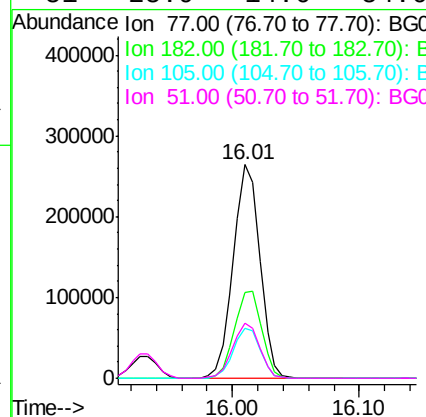
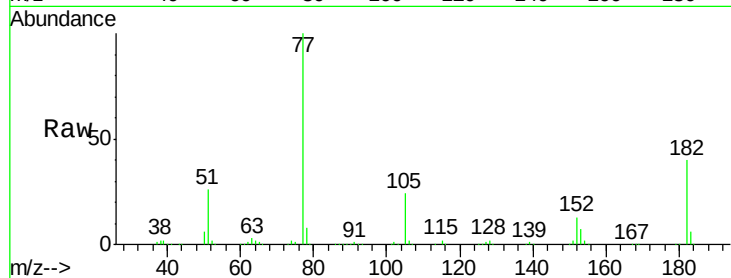
#63
Azobenzene
Concen: 42.810 ng
RT: 16.01 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		382975		
182	40.1	13.2	53.2		
105	23.7	2.2	42.2		
51	25.9	14.6	54.6		

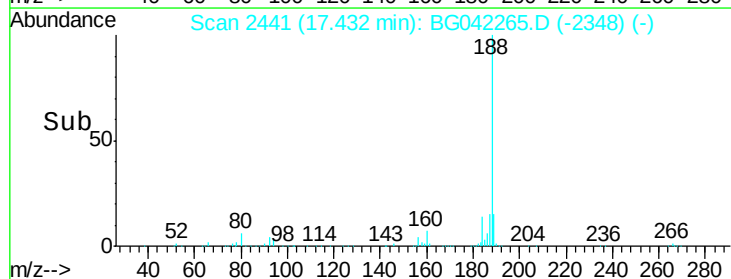
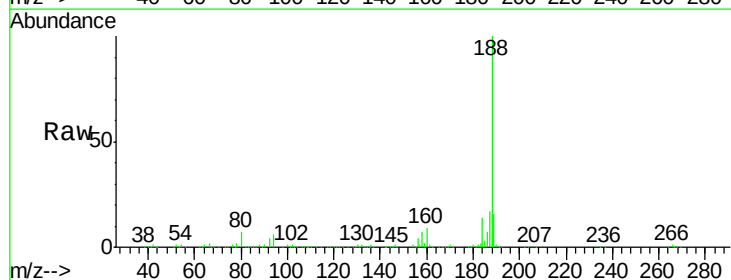
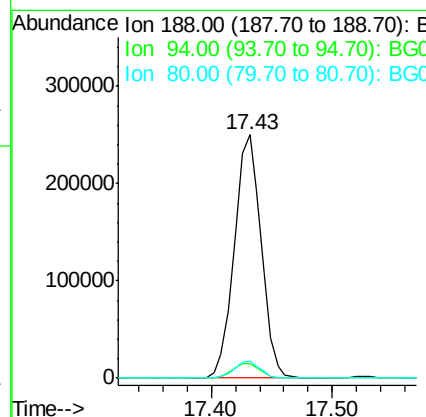
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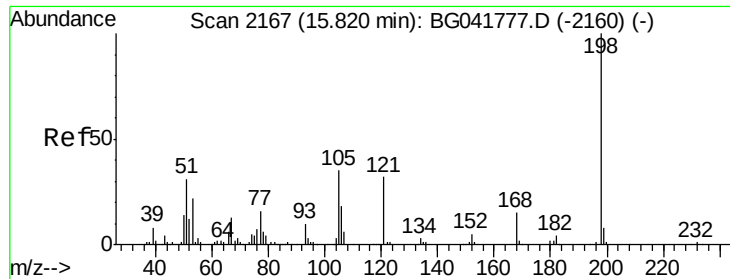
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		387098		
94	6.2	6.9	10.3#		
80	6.8	8.0	12.0#		





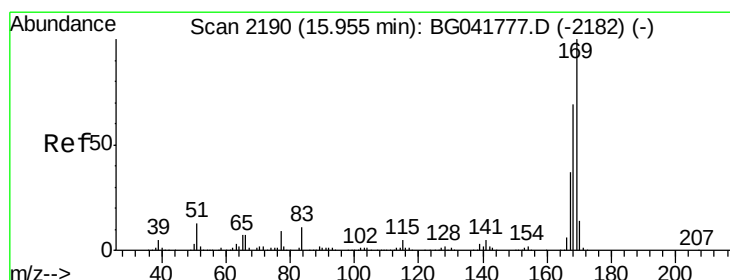
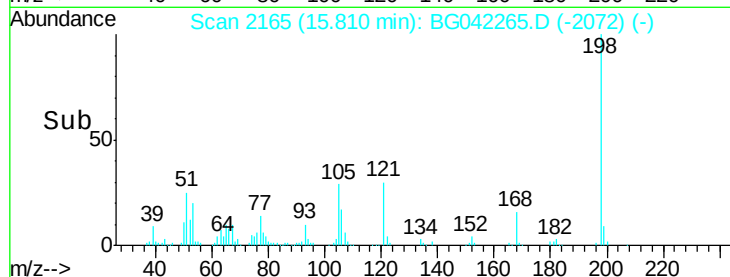
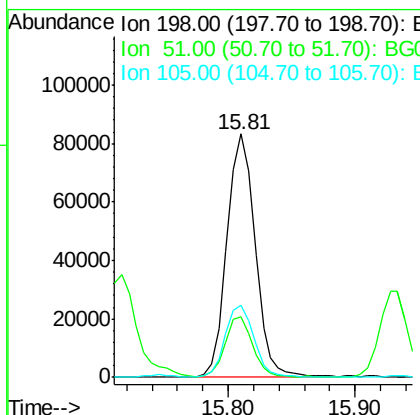
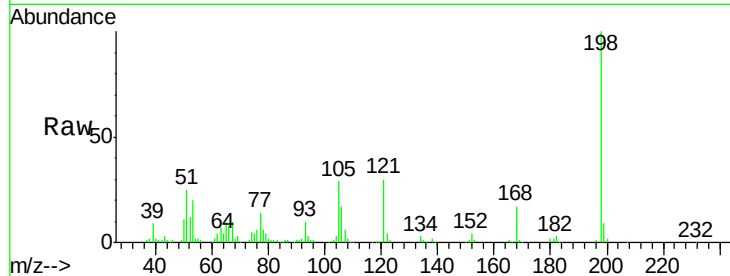
#65
 4,6-Dinitro-2-methylphenol
 Concen: 65.136 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	128814		
51	24.8		22.3	62.3
105	29.3		18.0	58.0

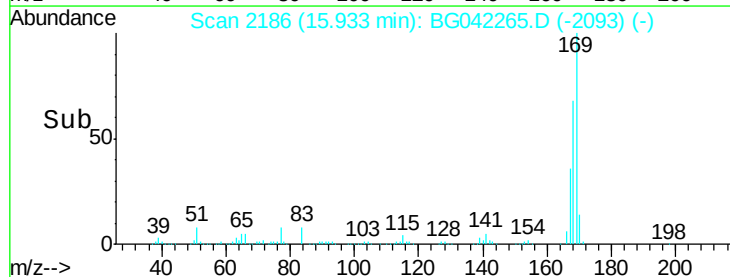
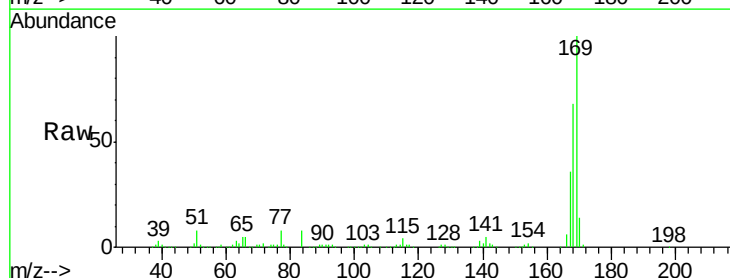
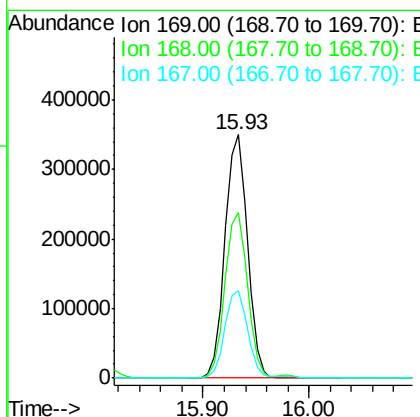
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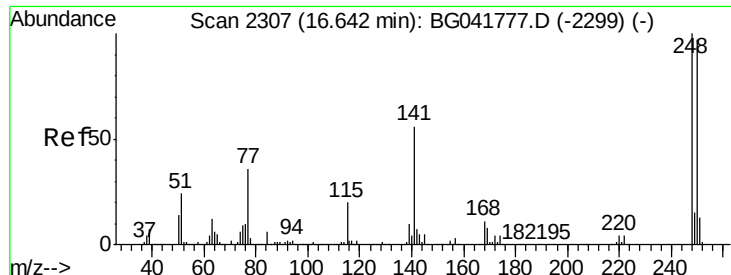
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#66
 n-Nitrosodiphenylamine
 Concen: 49.011 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	516784		
168	68.2		56.9	85.3
167	36.1		31.5	47.3





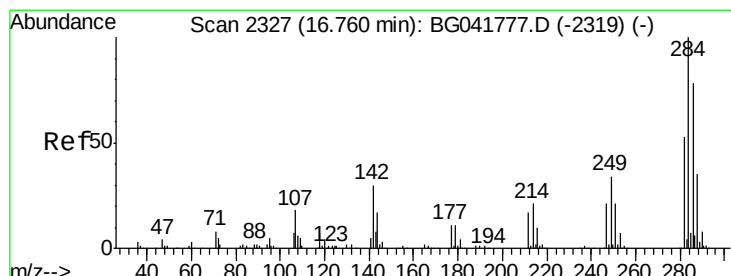
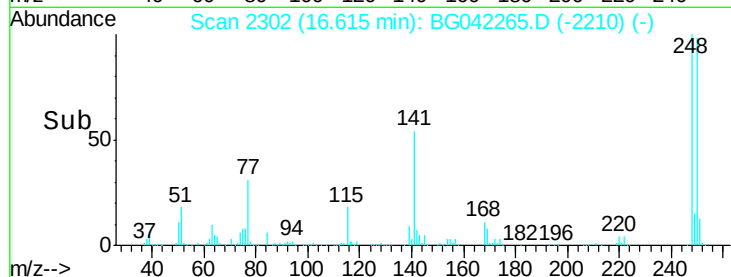
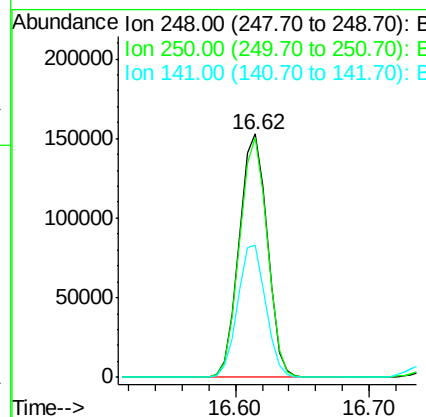
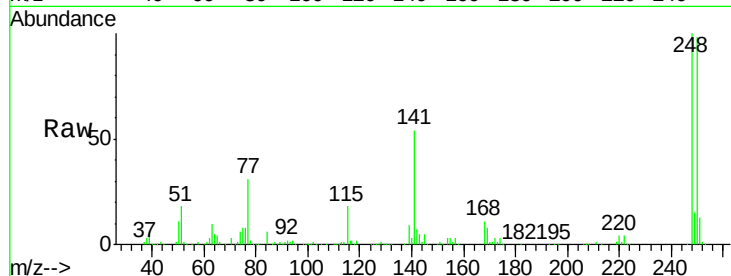
#67
 4-Bromophenyl-phenylether
 Concen: 46.935 ng
 RT: 16.62 min Scan# 2302
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.1	117.1
141	54.2	49.6	74.4

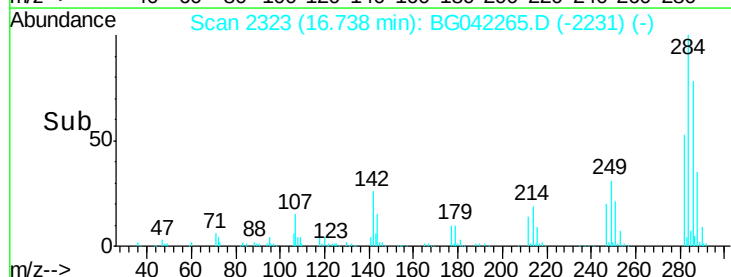
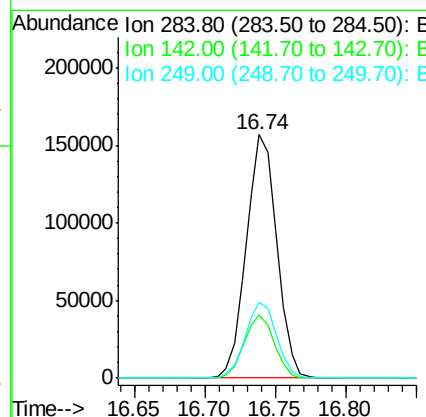
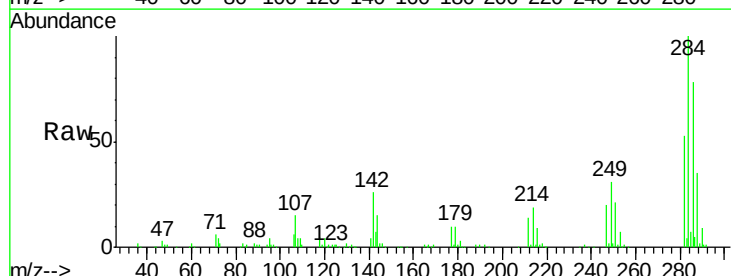
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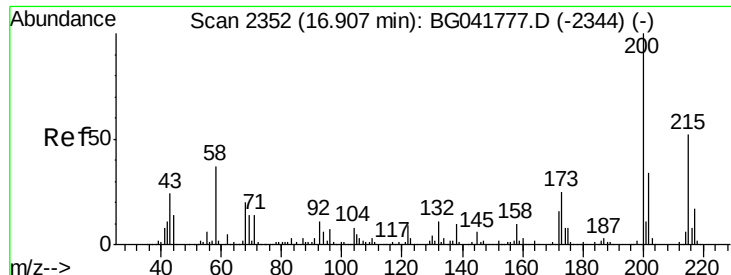
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#68
 Hexachlorobenzene
 Concen: 47.628 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.7	27.0	40.6#
249	31.4	28.4	42.6





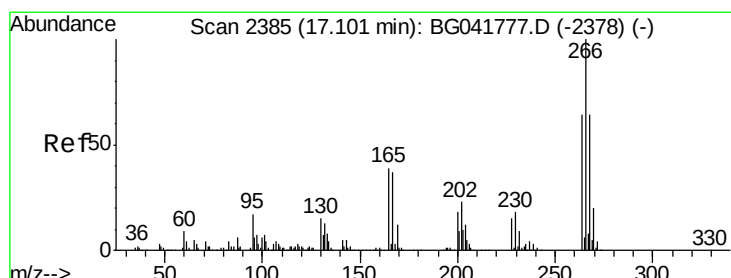
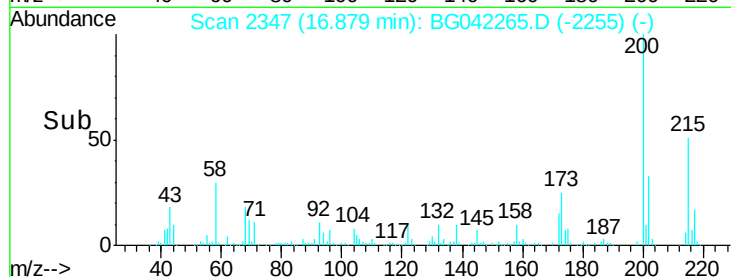
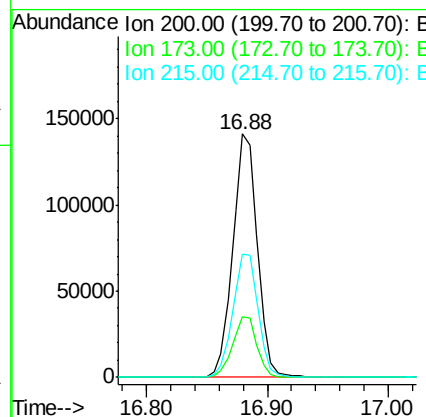
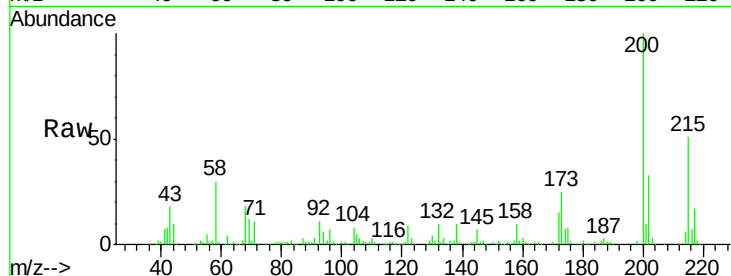
#69
 Atrazine
 Concen: 48.294 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.0	5.3	45.3
215	50.9	31.8	71.8

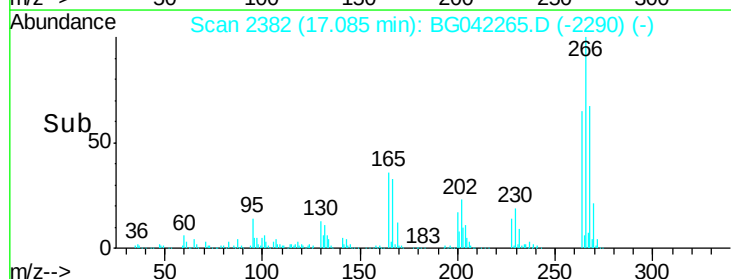
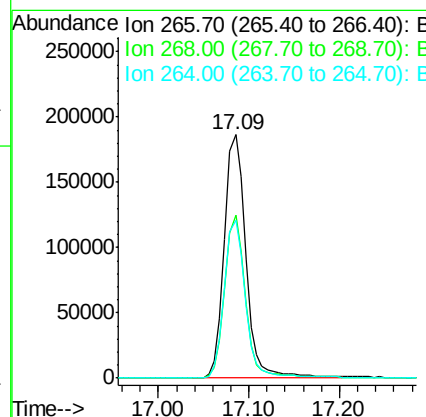
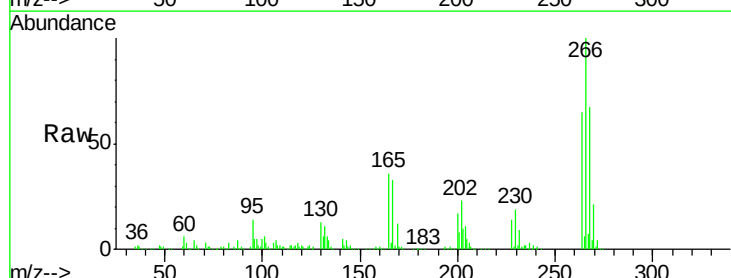
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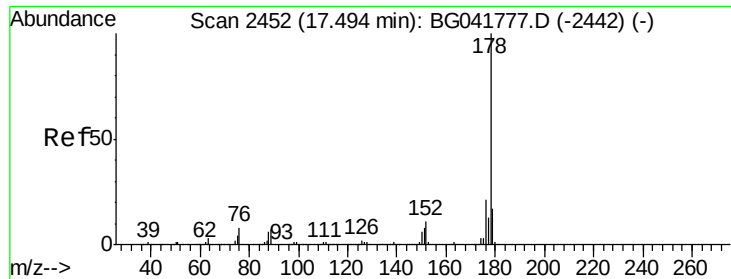
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#70
 Pentachlorophenol
 Concen: 109.452 ng
 RT: 17.09 min Scan# 2382
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.8	52.9	79.3
264	64.9	51.4	77.2





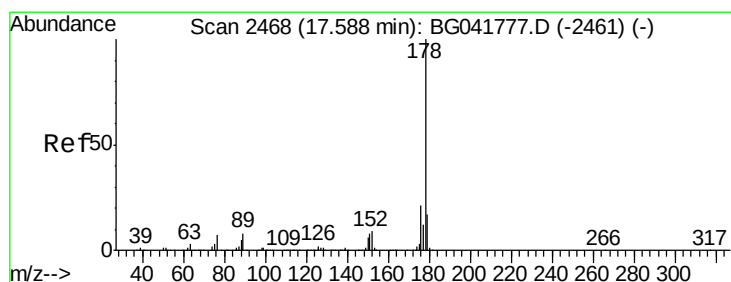
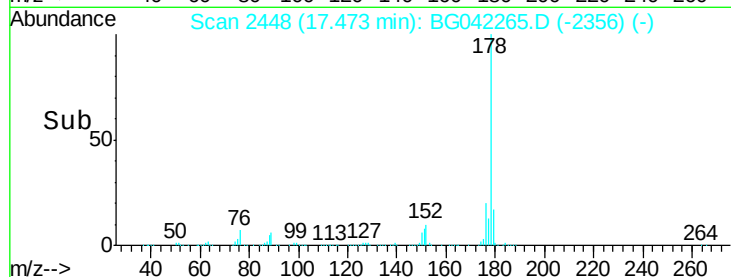
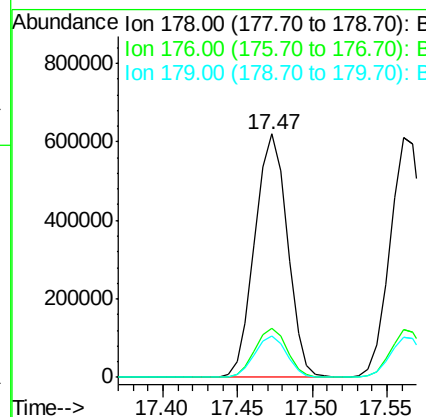
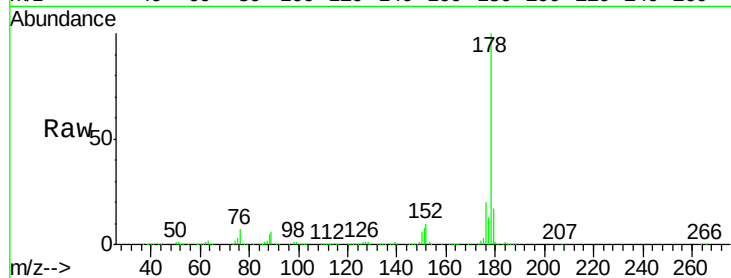
#71
Phenanthrene
Concen: 50.556 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	18.6	28.0
179	16.8	15.4	23.0

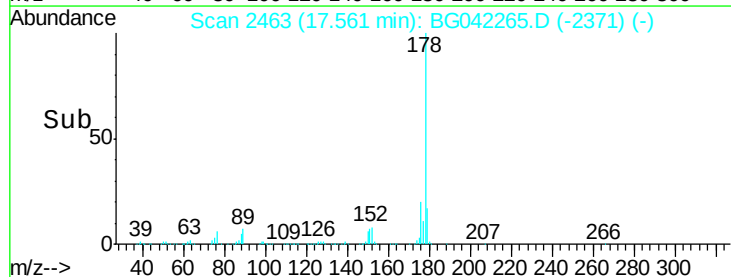
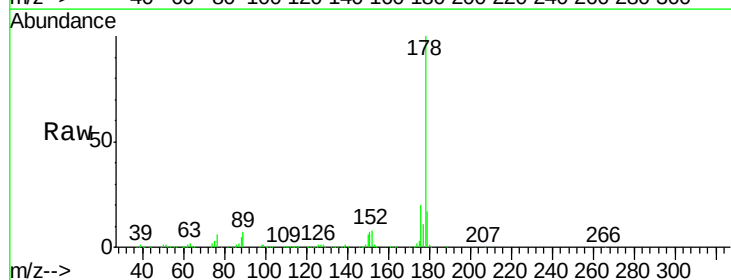
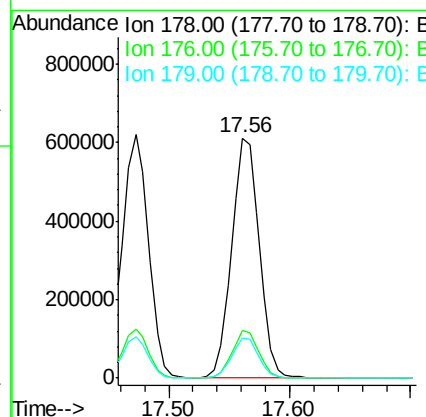
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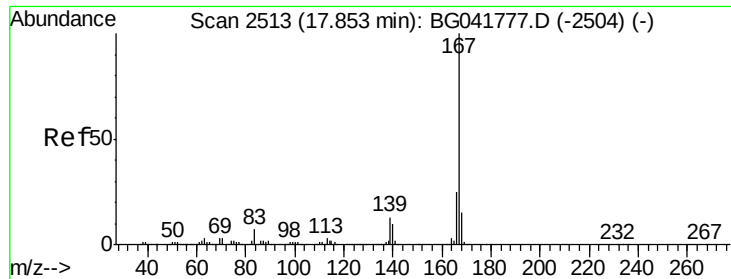
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#72
Anthracene
Concen: 52.180 ng
RT: 17.56 min Scan# 2463
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	18.6	28.0
179	16.6	15.1	22.7





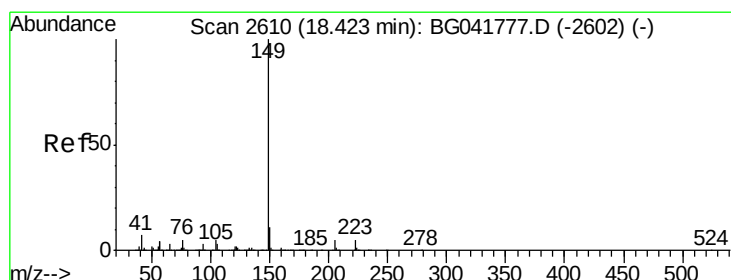
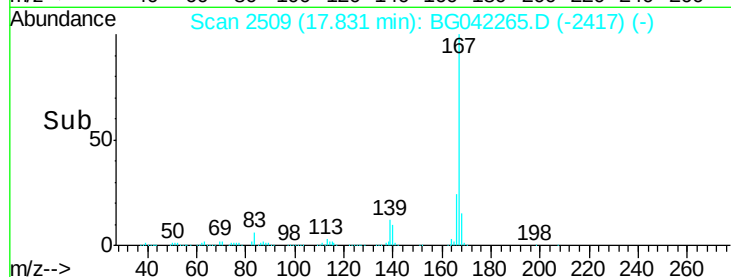
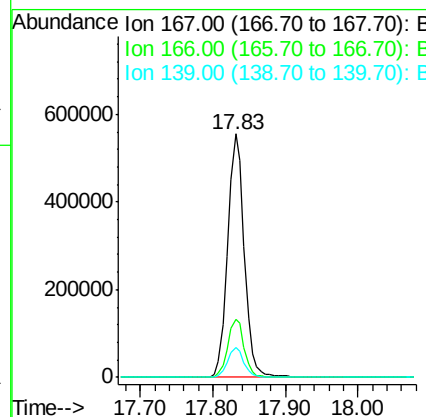
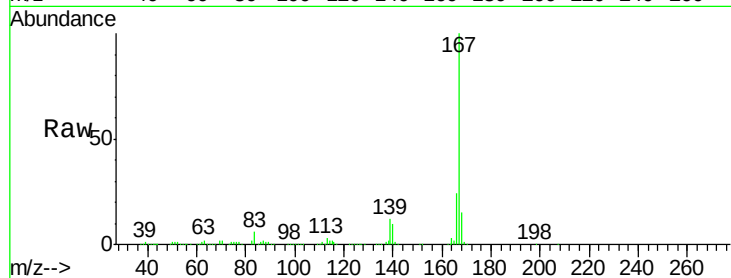
#73
 Carbazole
 Concen: 53.367 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	21.4	32.2
139	12.0	12.1	18.1

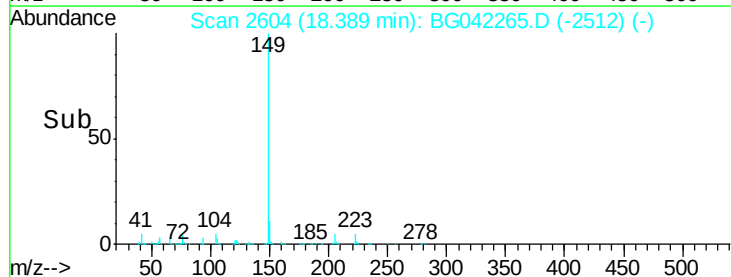
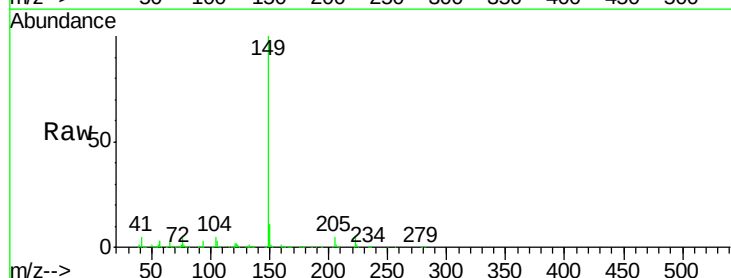
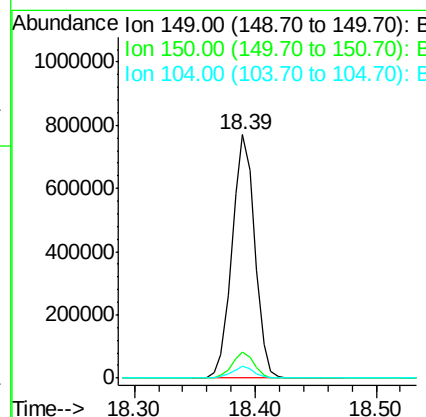
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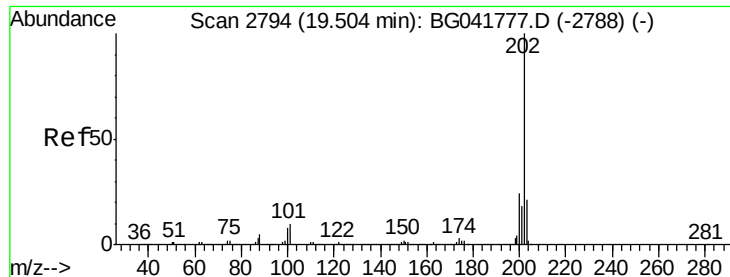
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#74
 Di-n-butylphthalate
 Concen: 53.375 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	10.2	15.2
104	4.8	5.3	7.9





#75

Fluoranthene

Concen: 54.542 ng

RT: 19.48 min Scan# 2790

Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Instrument :

BNA_G

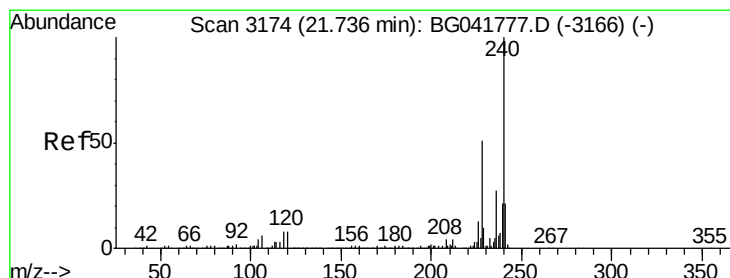
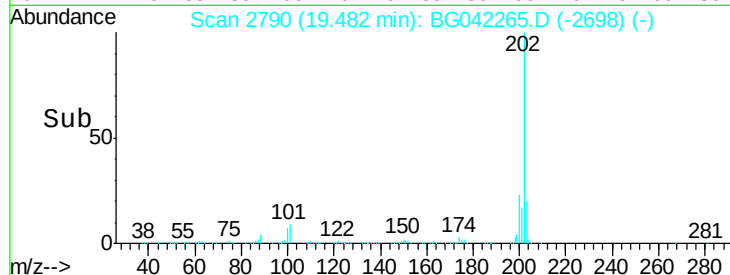
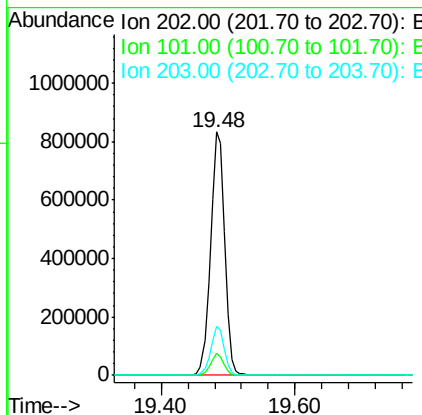
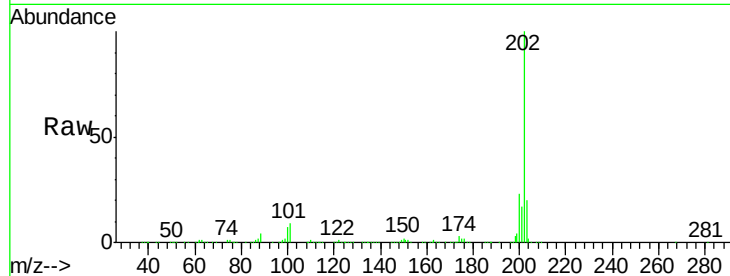
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MSD

Tot Ion:	202	Resp:	1230123
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	32.8
203	20.3	3.7	43.7

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

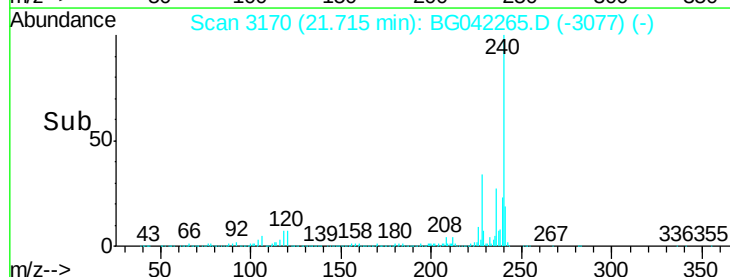
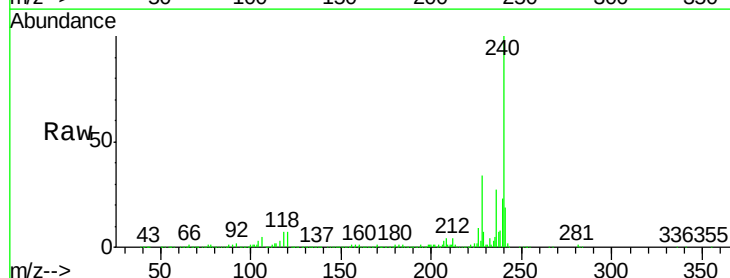
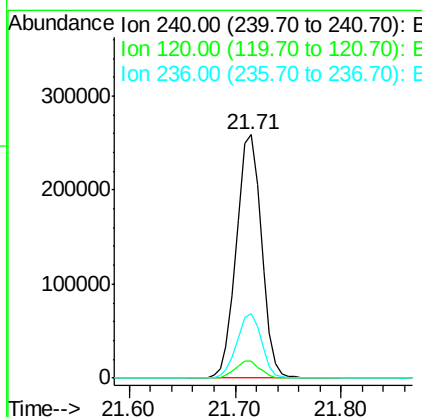
RT: 21.71 min Scan# 3170

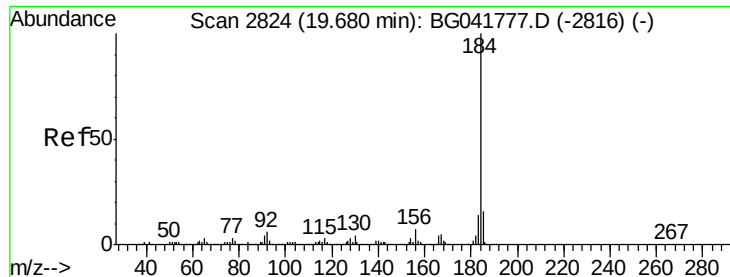
Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Tgt Ion:	240	Resp:	425224
Ion Ratio	Lower	Upper	
240	100		
120	7.3	8.0	12.0#
236	26.5	22.6	33.8





#77

Benzidine

Concen: 10.729 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Instrument :

BNA_G

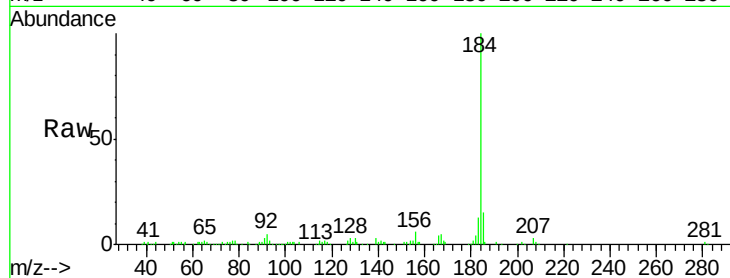
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MSD

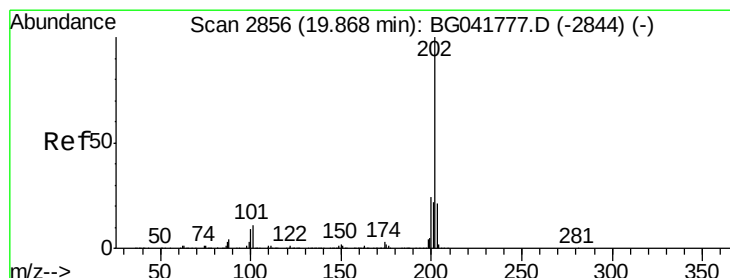
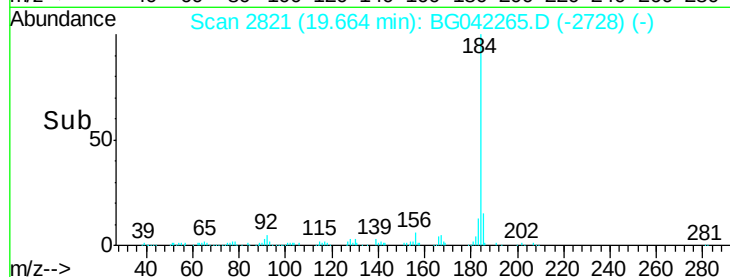
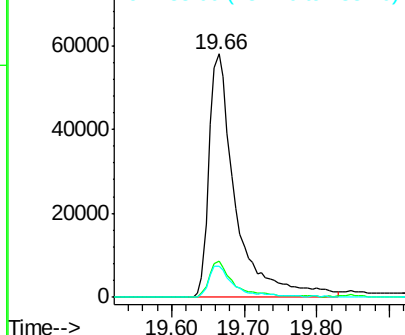
Tot Ion:	184	Resp:	148906
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.0	19.4
183	12.7	11.8	17.6

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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



#78

Pyrene

Concen: 49.283 ng

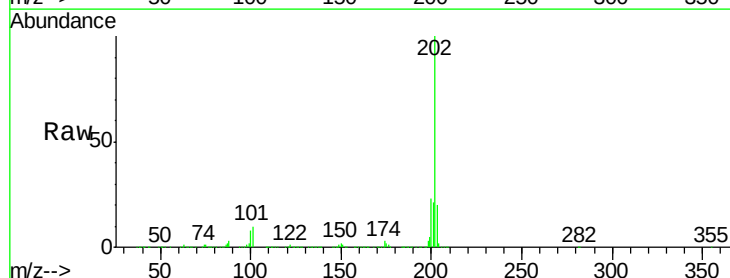
RT: 19.85 min Scan# 2852

Delta R.T. 0.01 min

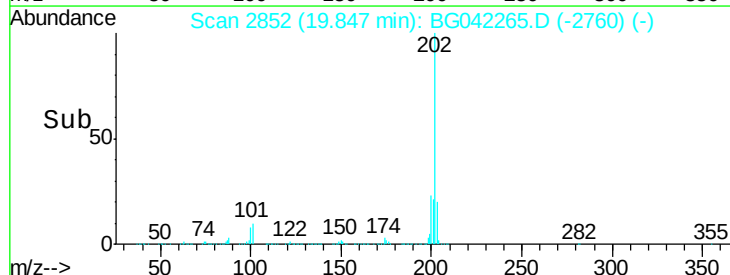
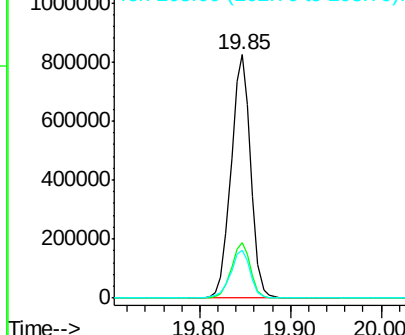
Lab File: BG042265.D

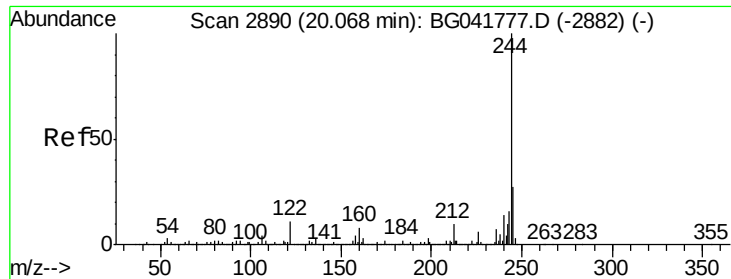
Acq: 16 Aug 2019 18:35

Tgt Ion:	202	Resp:	1241623
Ion Ratio	Lower	Upper	
202	100		
200	23.0	22.2	33.2
203	19.9	18.9	28.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





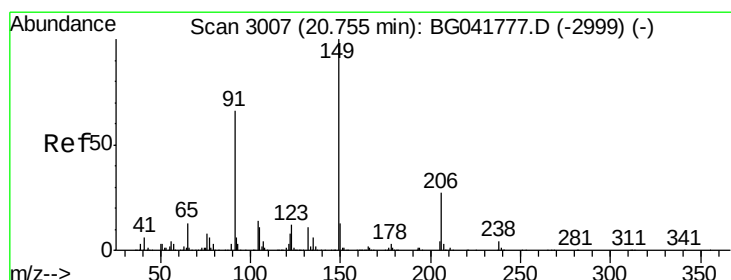
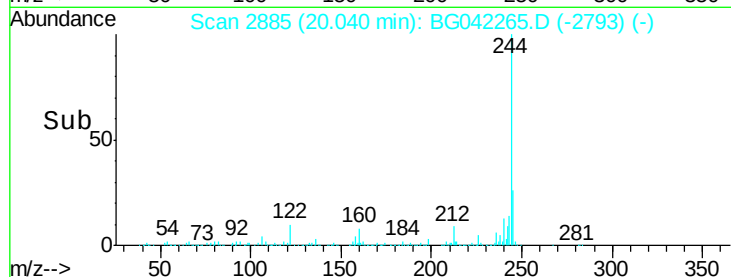
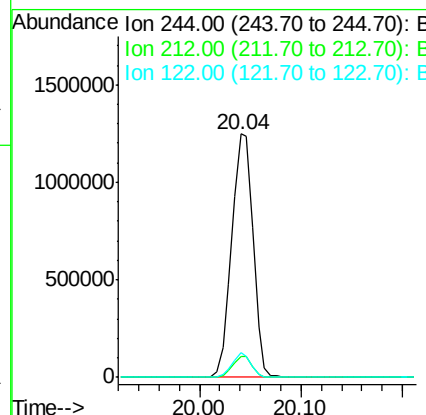
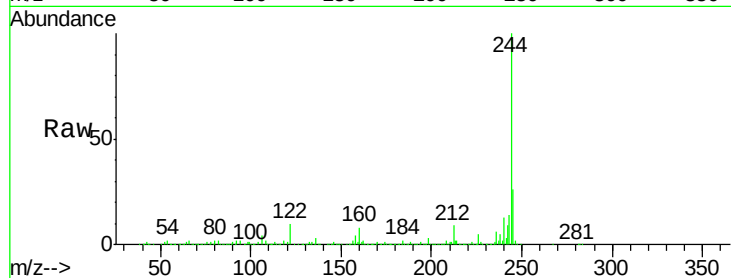
#79
 Terphenyl-d14
 Concen: 98.502 ng
 RT: 20.04 min Scan# 2885
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	9.7	14.5#
122	9.9	12.5	18.7#

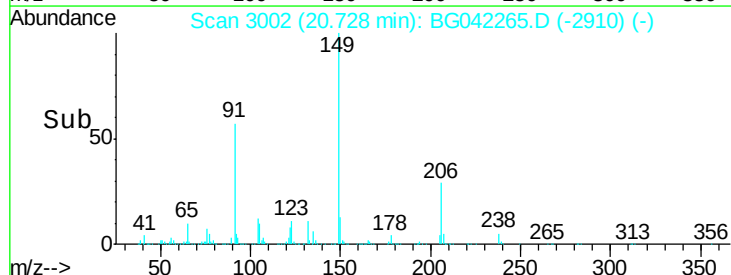
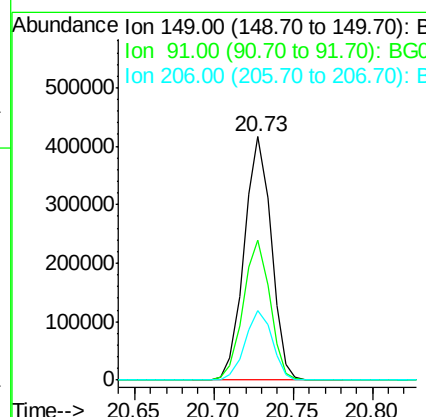
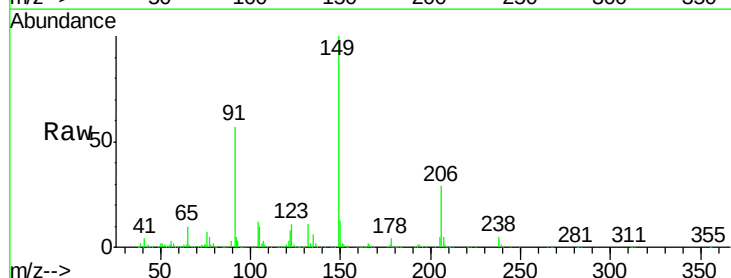
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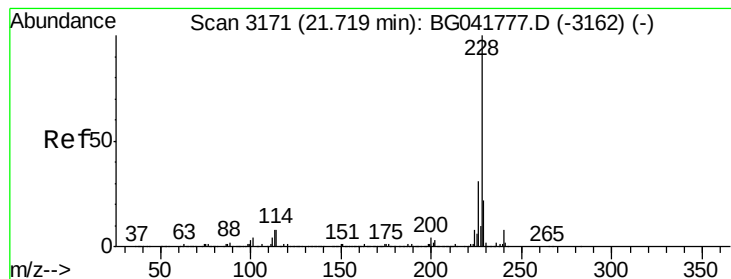
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#80
 Butylbenzylphthalate
 Concen: 50.961 ng
 RT: 20.73 min Scan# 3002
 Delta R.T. 0.01 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
149	100		
91	57.4	58.9	88.3#
206	28.7	20.8	31.2





#81

Benzo(a)anthracene

Concen: 48.767 ng

RT: 21.69 min Scan# 3166

Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Instrument :

BNA_G

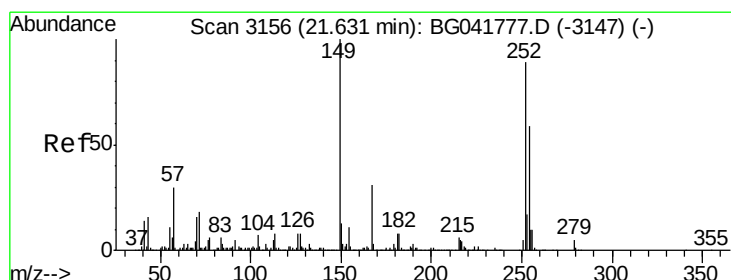
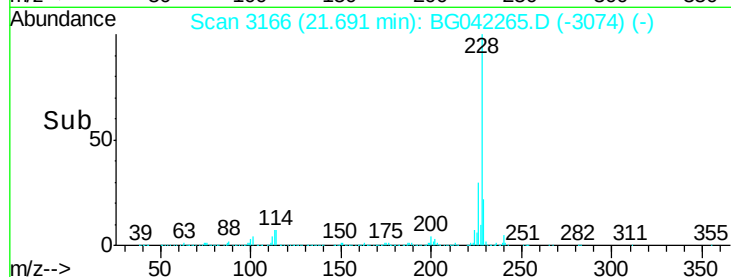
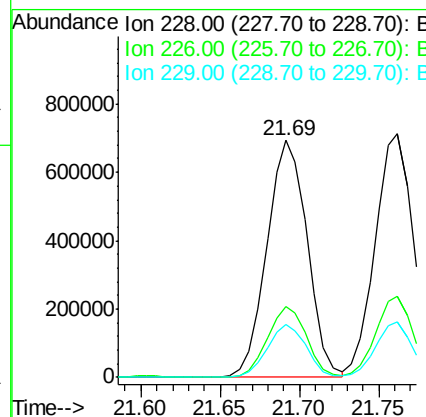
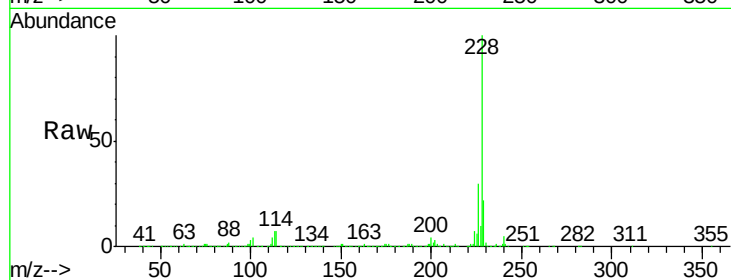
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MSD

Tot Ion:	228	Resp:	1226884
Ion	Ratio	Lower	Upper
228	100		
226	30.0	27.3	40.9
229	22.3	19.7	29.5

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#82

3,3'-Dichlorobenzidine

Concen: 35.593 ng

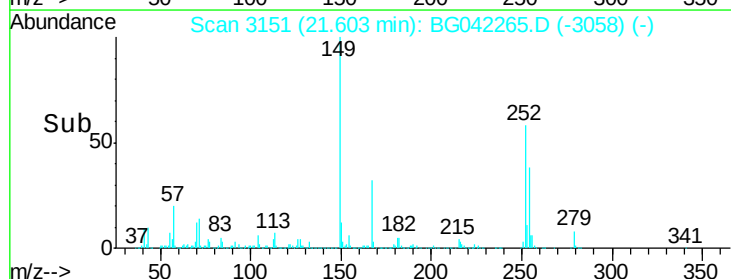
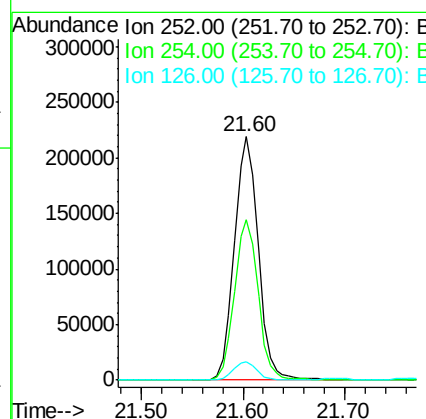
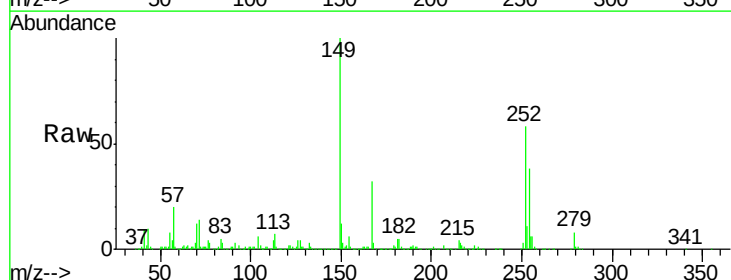
RT: 21.60 min Scan# 3151

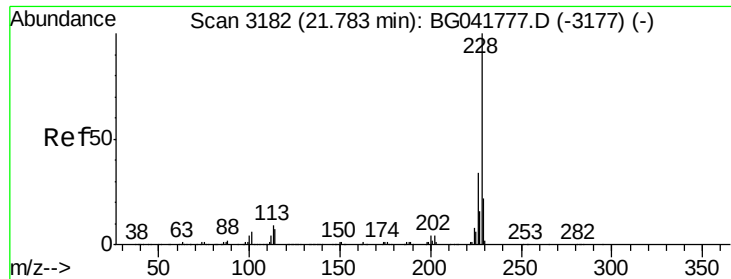
Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Tgt Ion:	252	Resp:	359519
Ion	Ratio	Lower	Upper
252	100		
254	65.8	53.8	80.6
126	7.5	7.8	11.8#





#83

Chrysene

Concen: 49.586 ng

RT: 21.76 min Scan# 3178

Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Instrument :

BNA_G

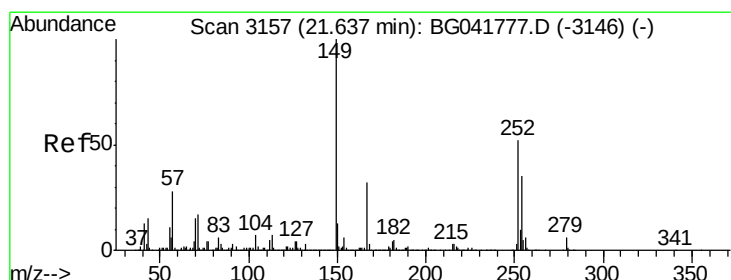
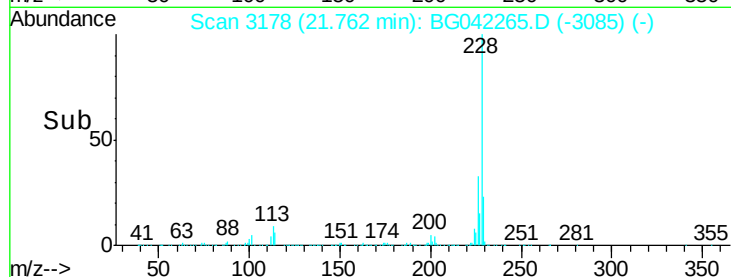
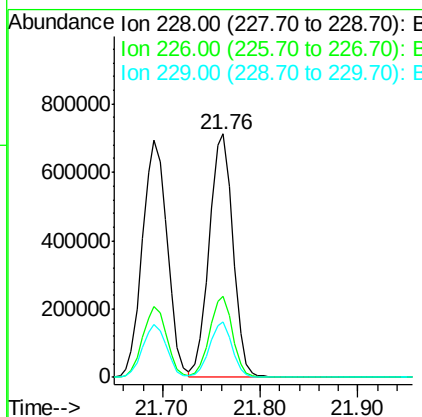
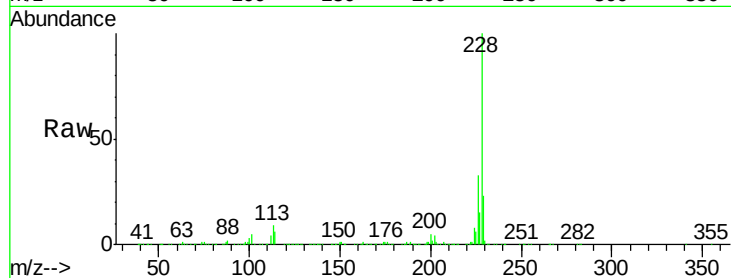
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MSD

Tot Ion:	228	Resp:	1195804
Ion Ratio	Lower	Upper	
228	100		
226	33.4	30.1	45.1
229	22.8	19.8	29.6

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#84

Bis(2-ethylhexyl)phthalate

Concen: 51.183 ng

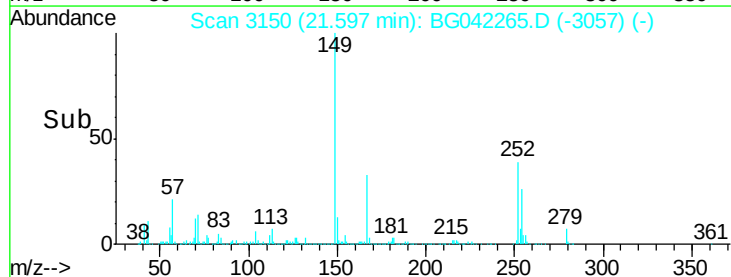
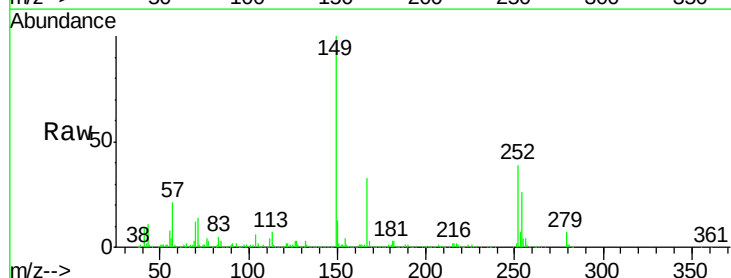
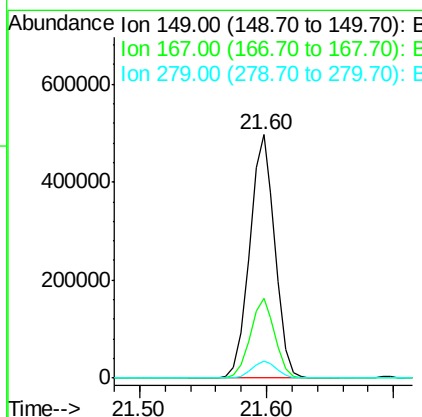
RT: 21.60 min Scan# 3150

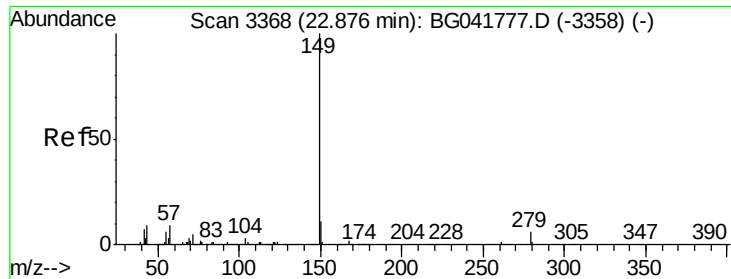
Delta R.T. 0.01 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Tgt Ion:	149	Resp:	681971
Ion Ratio	Lower	Upper	
149	100		
167	32.8	27.0	40.4
279	7.0	5.0	7.6





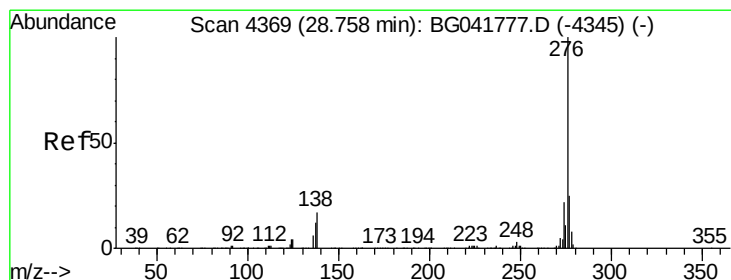
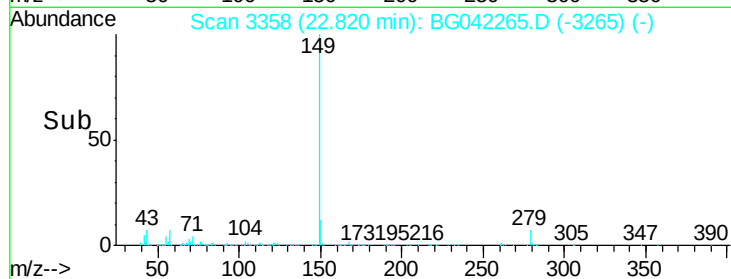
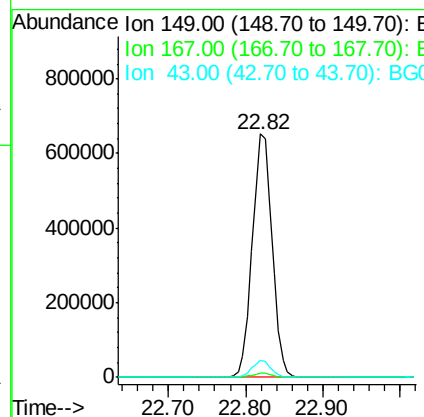
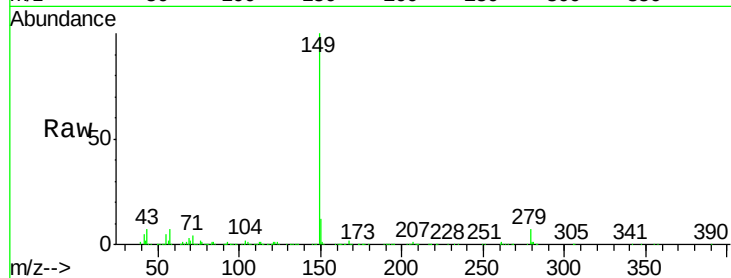
#85
Di-n-octyl phthalate
Concen: 52.438 ng
RT: 22.82 min Scan# 3358
Delta R.T. 0.01 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD

Tot Ion:149 Resp: 1175879
Ion Ratio Lower Upper
149 100
167 1.9 1.6 2.4
43 6.6 10.6 16.0#

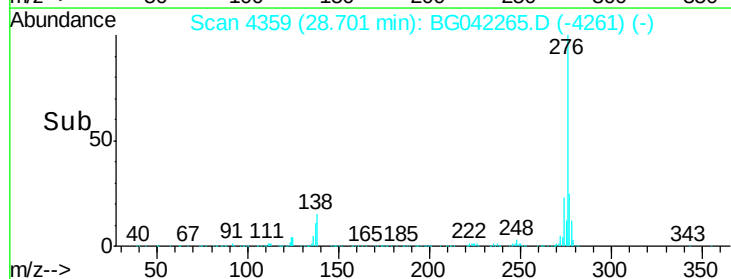
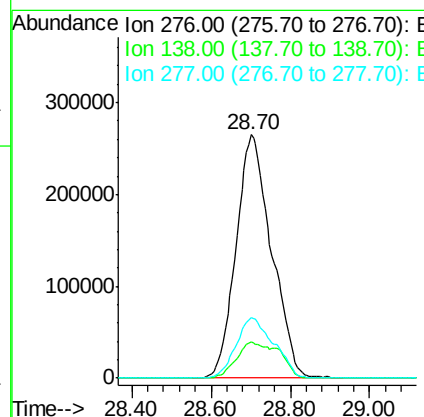
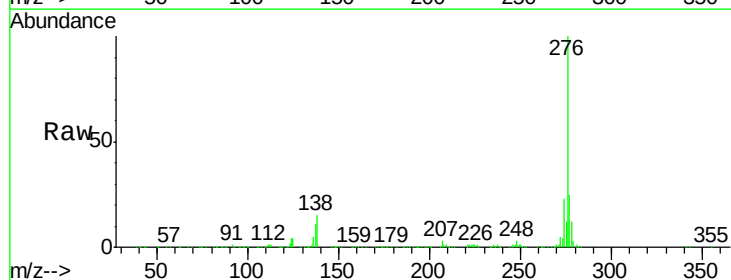
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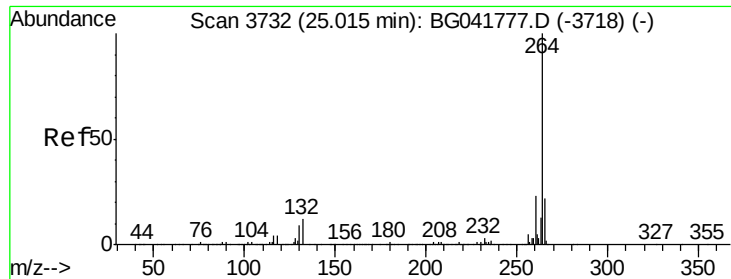
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.649 ng
RT: 28.70 min Scan# 4359
Delta R.T. 0.04 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Tgt Ion:276 Resp: 1648838
Ion Ratio Lower Upper
276 100
138 17.9 19.4 29.0#
277 26.5 21.2 31.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. 0.03 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Instrument :

BNA_G

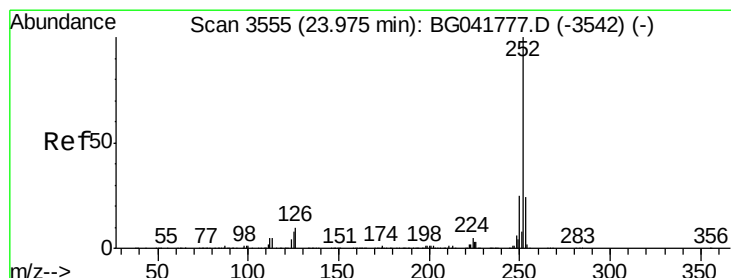
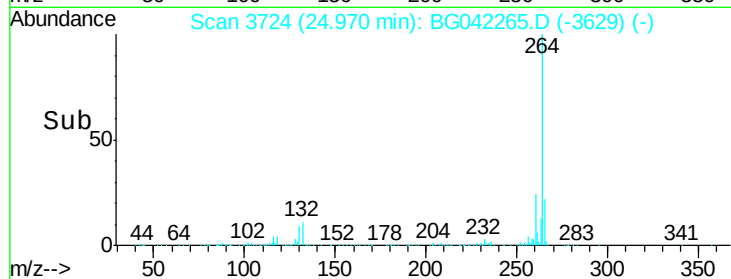
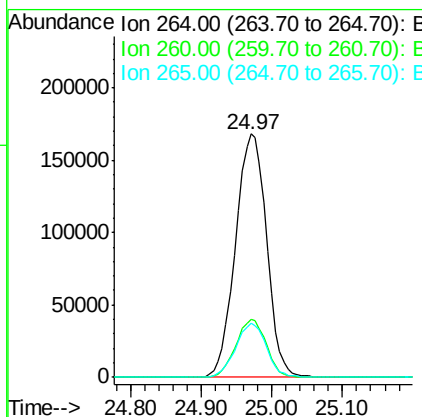
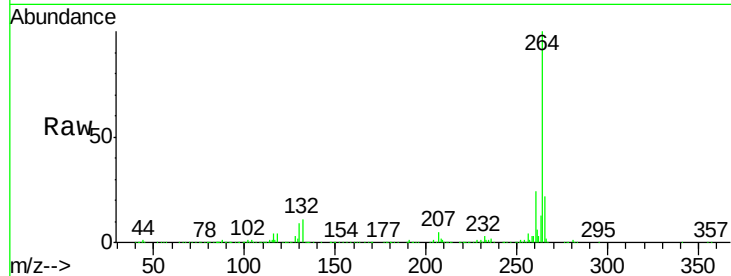
ClientSampleId :

REACTOR-3-C1-C4-(0-2)MSD

Tot Ion:	264	Resp:	514515
Ion Ratio		Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.2	18.0	27.0

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#88

Benzo(b)fluoranthene

Concen: 48.593 ng

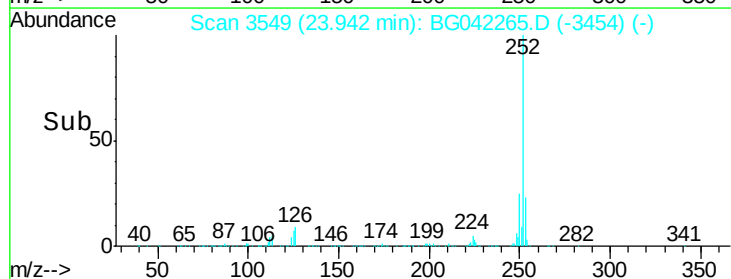
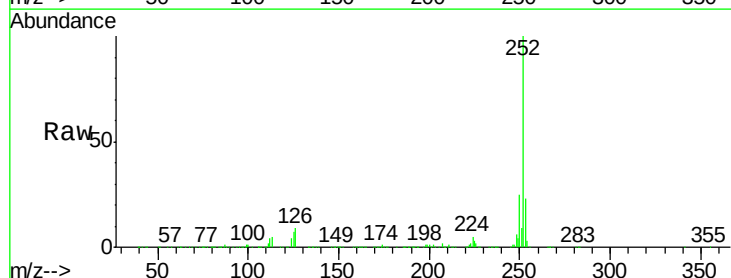
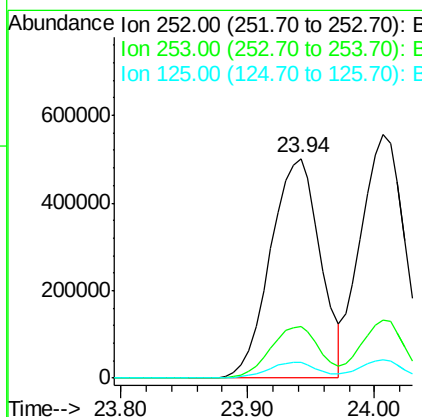
RT: 23.94 min Scan# 3549

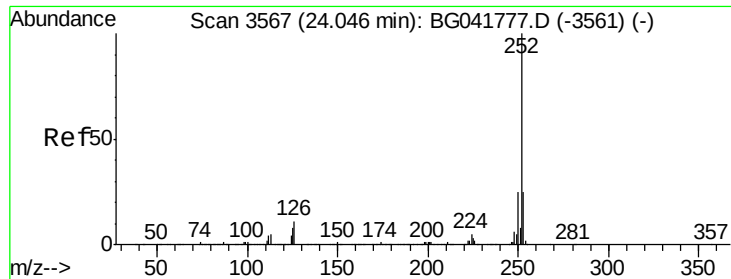
Delta R.T. 0.03 min

Lab File: BG042265.D

Acq: 16 Aug 2019 18:35

Tgt Ion:	252	Resp:	1367706
Ion Ratio		Lower	Upper
252	100		
253	23.4	20.6	30.8
125	7.1	8.0	12.0#





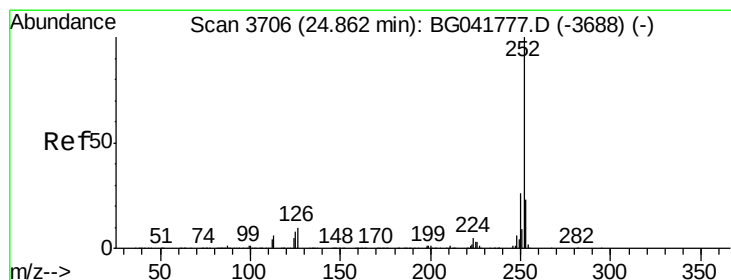
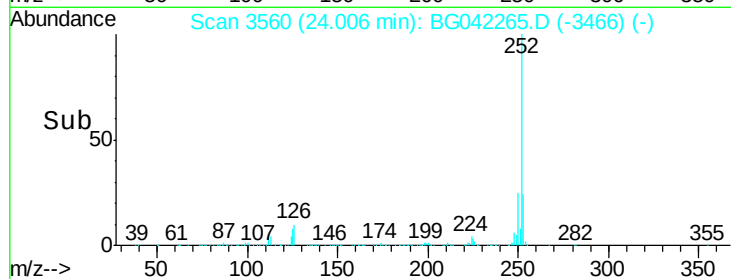
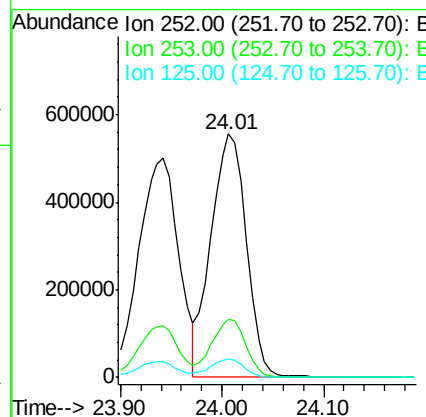
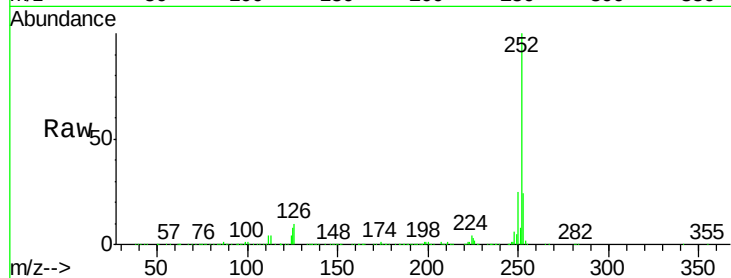
#89
Benzo(k)fluoranthene
Concen: 48.836 ng
RT: 24.01 min Scan# 3560
Delta R.T. 0.02 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.5	30.7
125	7.5	8.4	12.6

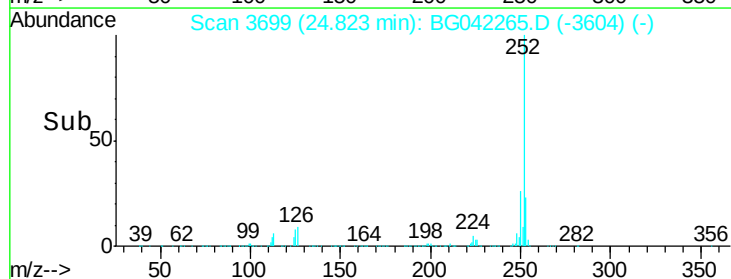
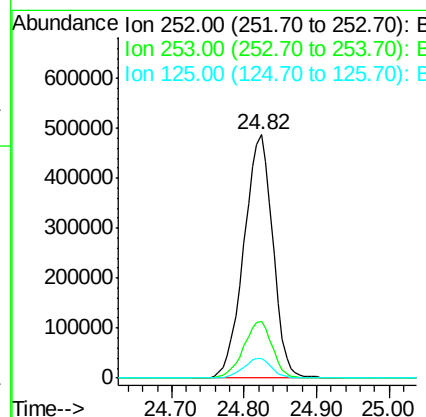
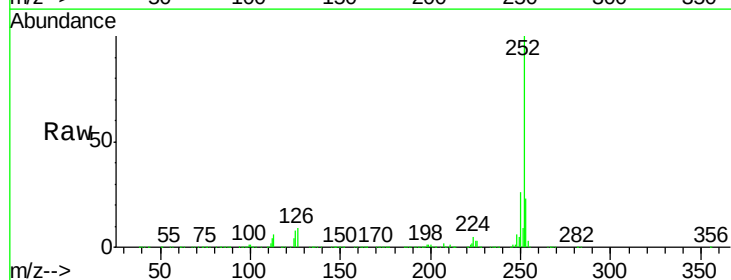
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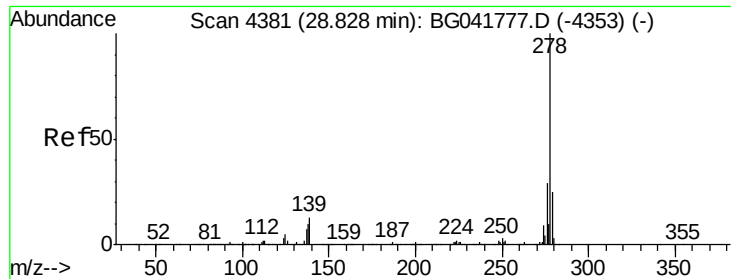
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#90
Benzo(a)pyrene
Concen: 49.898 ng
RT: 24.82 min Scan# 3699
Delta R.T. 0.03 min
Lab File: BG042265.D
Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.8	29.8
125	7.9	8.8	13.2





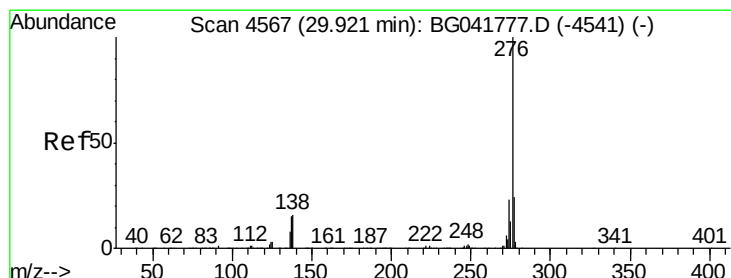
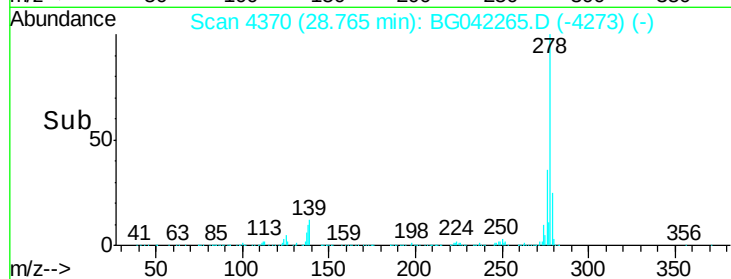
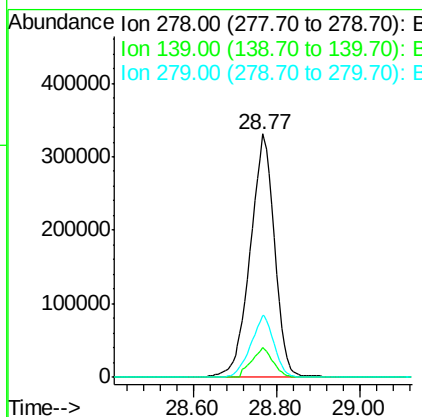
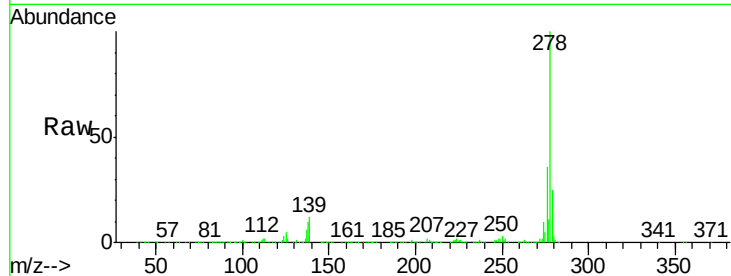
#91
 Dibenzo(a,h)anthracene
 Concen: 51.119 ng
 RT: 28.77 min Scan# 4370
 Delta R.T. 0.04 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.0	12.6	19.0#
279	25.3	20.5	30.7

Manual Integrations
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#92
 Benzo(g,h,i)perylene
 Concen: 51.728 ng
 RT: 29.87 min Scan# 4558
 Delta R.T. 0.05 min
 Lab File: BG042265.D
 Acq: 16 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.8	29.8
138	15.8	16.6	25.0#

