

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
 Data File : BG036103.D
 Acq On : 3 Aug 2018 20:51
 Operator : JU/SJ
 Sample : J4323-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ES-RO-276MSD

Manual Integrations
 APPROVED

Sohil
 8/6/2018 9:57:44 AM

Quant Time: Aug 04 03:13:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	28133	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	106347	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	84649	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	232523	20.00	ng	0.00
75) Chrysene-d12	21.65	240	247337	20.00	ng	0.00
86) Perylene-d12	24.85	264	238462	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	241179	142.33	ng	0.00
7) Phenol-d6	7.20	99	363266	143.69	ng	0.00
23) Nitrobenzene-d5	9.18	82	240385	94.43	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	188618	169.05	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	576347	91.22	ng	0.00
78) Terphenyl-d14	20.00	244	1076978	95.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	28078	32.556	ng	# 77
3) Pyridine	3.91	79	53092	23.580	ng	# 73
4) n-Nitrosodimethylamine	3.83	42	34755	35.950	ng	# 64
6) Aniline	7.35	93	108189	33.015	ng	95
8) 2-Chlorophenol	7.59	128	83113	48.226	ng	98
9) Benzaldehyde	7.17	77	48919	31.535	ng	96
10) Phenol	7.22	94	128205	50.193	ng	92
11) bis(2-Chloroethyl)ether	7.44	93	80219	40.103	ng	90
12) 1,3-Dichlorobenzene	7.91	146	91765	44.093	ng	96
13) 1,4-Dichlorobenzene	8.05	146	91749	43.389	ng	98
14) 1,2-Dichlorobenzene	8.38	146	89046	43.835	ng	96
15) Benzyl Alcohol	8.26	79	98966	43.106	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	91118	54.333	ng	78
17) 2-Methylphenol	8.47	107	84139	48.450	ng	# 93
18) Hexachloroethane	9.10	117	35076	43.383	ng	92
19) n-Nitroso-di-n-propylamine	8.82	70	79526	37.354	ng	# 86
20) 3+4-Methylphenols	8.79	107	117366	48.716	ng	89
22) Acetophenone	8.85	105	152741	46.186	ng	# 91
24) Nitrobenzene	9.22	77	122945	48.021	ng	92
25) Isophorone	9.75	82	236351	50.014	ng	99
26) 2-Nitrophenol	9.93	139	51787	56.955	ng	# 89
27) 2,4-Dimethylphenol	9.99	122	91112	59.197	ng	87
28) bis(2-Chloroethoxy)methane	10.23	93	119202	45.777	ng	95
29) 2,4-Dichlorophenol	10.48	162	99768	56.785	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	106750	49.550	ng	97
31) Naphthalene	10.87	128	263585	47.581	ng	99
32) Benzoic acid	10.19	122	11127m	10.739	ng	
33) 4-Chloroaniline	10.99	127	76265	31.587	ng	# 94
34) Hexachlorobutadiene	11.16	225	80716	48.046	ng	94
35) Caprolactam	11.77	113	36683m	48.653	ng	
36) 4-Chloro-3-methylphenol	12.11	107	134107	56.945	ng	93
37) 2-Methylnaphthalene	12.48	142	213510m	51.733	ng	
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	150070	46.971	ng	99
40) Hexachlorocyclopentadiene	12.82	237	167866	100.185	ng	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	98374	52.651	nq	99
43) 2,4,5-Trichlorophenol	13.17	196	106698	51.047	nq	98
45) 1,1'-Biphenyl	13.48	154	302899	46.154	nq	97
46) 2-Chloronaphthalene	13.52	162	244459	47.888	nq	99
47) 2-Nitroaniline	13.73	65	87911	48.712	nq	94
48) Acenaphthylene	14.37	152	413184	48.319	nq	99
49) Dimethylphthalate	14.10	163	401288	54.107	nq	99
50) 2,6-Dinitrotoluene	14.22	165	80567	53.346	nq	93
51) Acenaphthene	14.71	154	240103	45.074	nq	98
52) 3-Nitroaniline	14.56	138	59958	38.843	nq	# 88
53) 2,4-Dinitrophenol	14.76	184	56195	72.985	nq	# 70
54) Dibenzofuran	15.05	168	411105	48.527	nq	94
55) 4-Nitrophenol	14.87	139	101192	92.051	nq	# 86
56) 2,4-Dinitrotoluene	15.01	165	117540	54.248	nq	86
57) Fluorene	15.69	166	347194	48.898	nq	94
58) 2,3,4,6-Tetrachlorophenol	15.27	232	109626	54.702	nq	93
59) Diethylphthalate	15.46	149	358870	47.058	nq	100
60) 4-Chlorophenyl-phenylether	15.68	204	198368	47.533	nq	95
61) 4-Nitroaniline	15.73	138	78626	48.694	nq	86
62) Azobenzene	15.98	77	355202	47.220	nq	94
64) 4,6-Dinitro-2-methylphenol	15.77	198	67014	51.773	nq	84
65) n-Nitrosodiphenylamine	15.90	169	312353	47.194	nq	94
66) 4-Bromophenyl-phenylether	16.58	248	137305	50.898	nq	95
67) Hexachlorobenzene	16.70	284	140795	50.681	nq	94
68) Atrazine	16.85	200	142105	52.148	nq	96
69) Pentachlorophenol	17.05	266	127225	75.187	nq	97
70) Phenanthrene	17.44	178	563631	48.578	nq	99
71) Anthracene	17.52	178	574911	49.763	nq	98
72) Carbazole	17.79	167	515793	47.012	nq	# 97
73) Di-n-butylphthalate	18.35	149	593980	45.813	nq	# 98
74) Fluoranthene	19.44	202	724356	46.349	nq	97
76) Benzidine	19.63	184	77177	11.869	nq	98
77) Pyrene	19.80	202	731461	46.770	nq	98
79) Butylbenzylphthalate	20.68	149	273427	48.890	nq	99
80) Benzo(a)anthracene	21.64	228	731446	47.455	nq	99
81) 3,3'-Dichlorobenzidine	21.55	252	201849	37.558	nq	98
82) Chrysene	21.70	228	674862	47.249	nq	97
83) Bis(2-ethylhexyl)phthalate	21.53	149	378240	49.747	nq	99
84) Di-n-octyl phthalate	22.73	149	631512	49.605	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.50	276	770296	48.711	nq	# 89
87) Benzo(b)fluoranthene	23.84	252	694195	47.897	nq	# 94
88) Benzo(k)fluoranthene	23.90	252	669607	47.257	nq	# 97
89) Benzo(a)pyrene	24.70	252	675410	50.091	nq	# 96
90) Dibenzo(a,h)anthracene	28.54	278	642420	48.530	nq	# 96
91) Benzo(g,h,i)perylene	29.63	276	646362	49.898	nq	# 95

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



#1

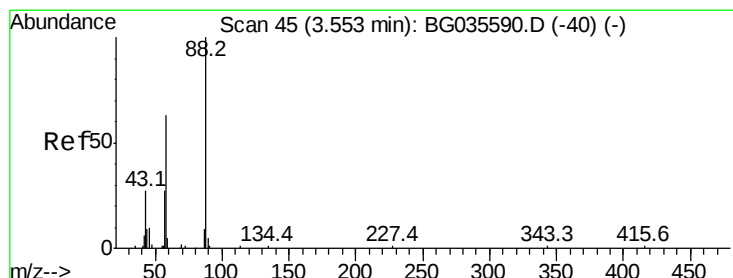
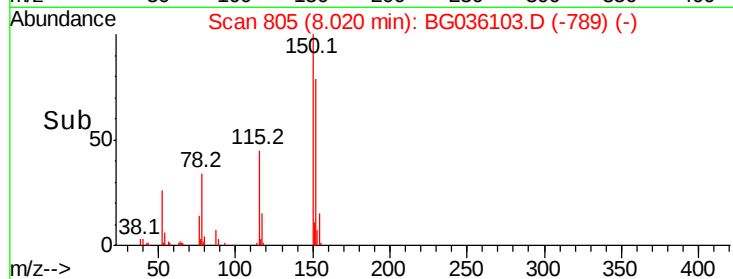
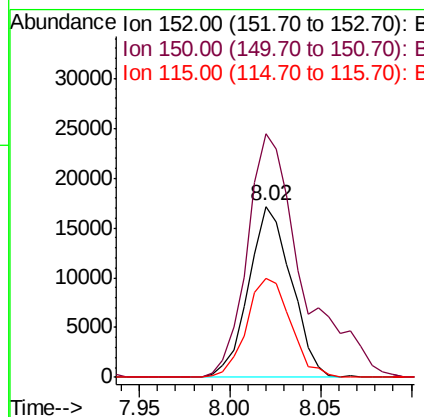
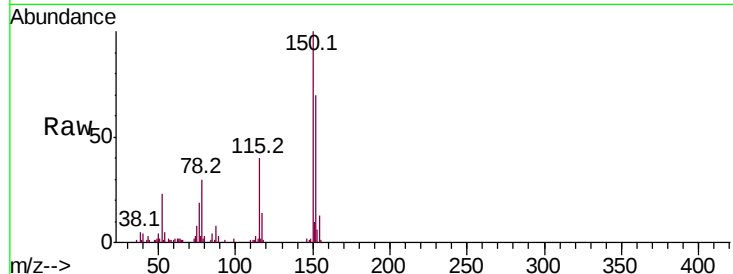
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Instrument :
BNA_G
ClientSampleId :
ES-RO-276MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.4	126.6	189.8
115	57.7	53.0	79.4

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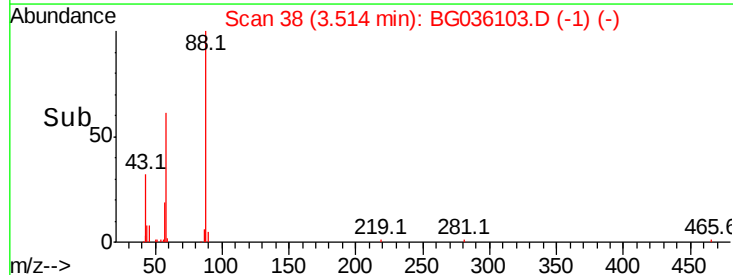
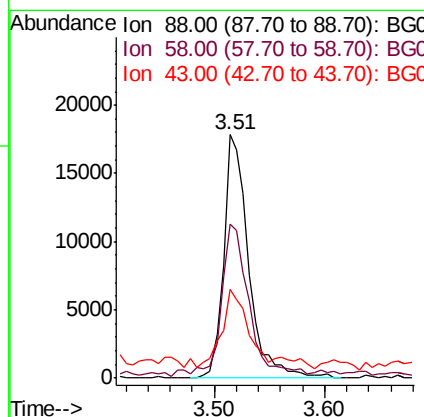
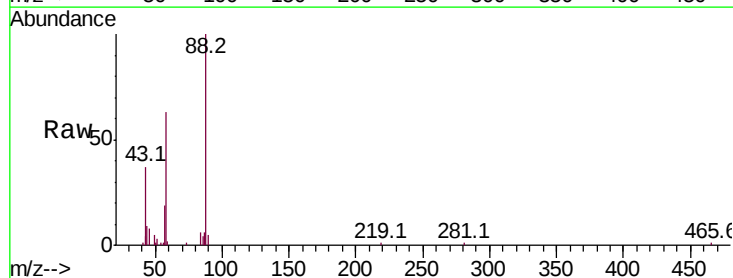
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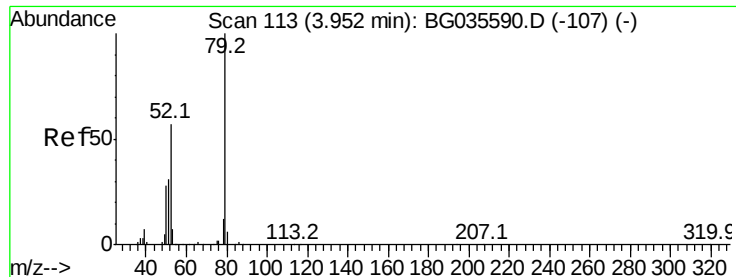


#2

1,4-Dioxane
Concen: 32.556 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	79.6	119.4#
43	34.0	27.4	41.0





#3

Pvridine

Concen: 23.580 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Instrument :

BNA_G

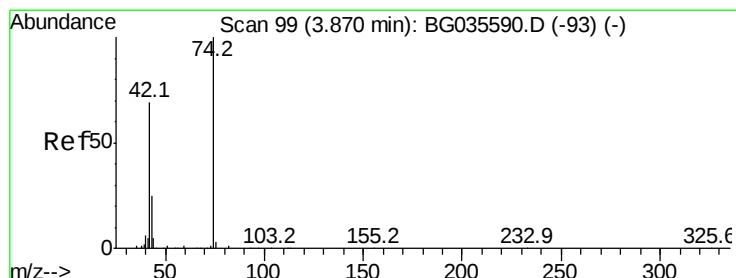
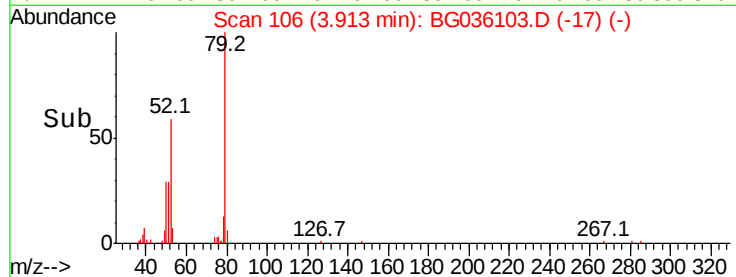
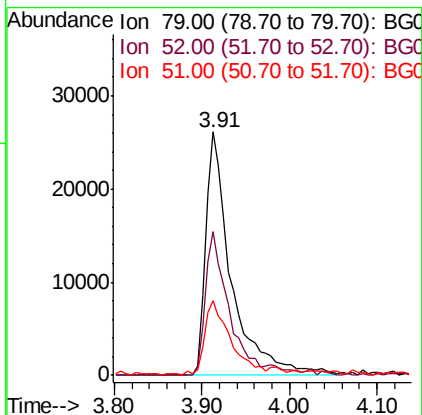
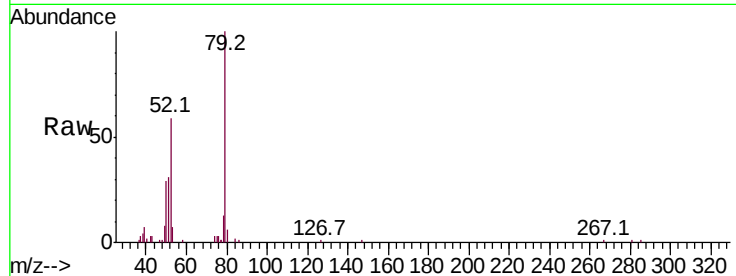
ClientSampleId :

ES-RO-276MSD

Tot Ion:	79	Resp:	53092
Ion Ratio	Lower	Upper	
79	100		
52	59.2	69.9	104.9#
51	30.5	34.0	51.0#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.950 ng

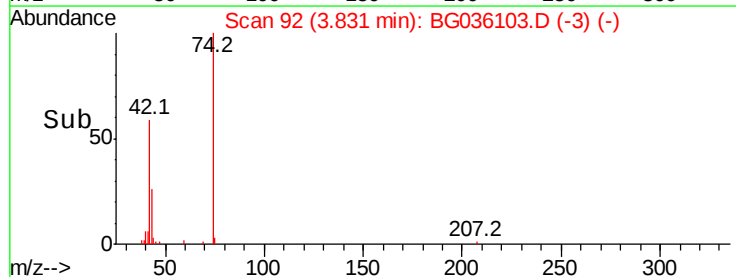
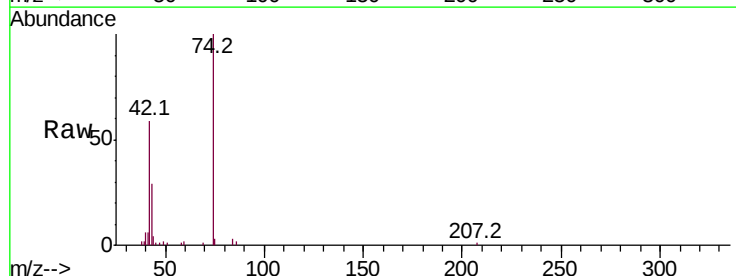
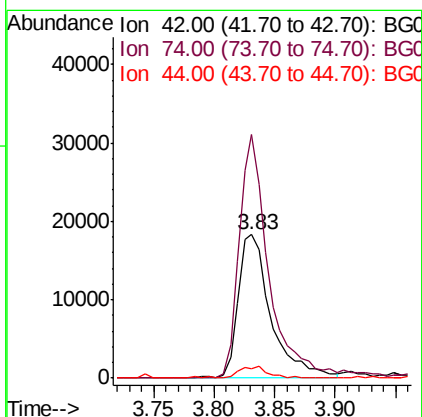
RT: 3.83 min Scan# 92

Delta R.T. -0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Tgt Ion:	42	Resp:	34755
Ion Ratio	Lower	Upper	
42	100		
74	169.6	102.5	153.7#
44	7.0	18.9	28.3#





#5

2-Fluorophenol

Concen: 142.329 ng

RT: 5.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Instrument :

BNA_G

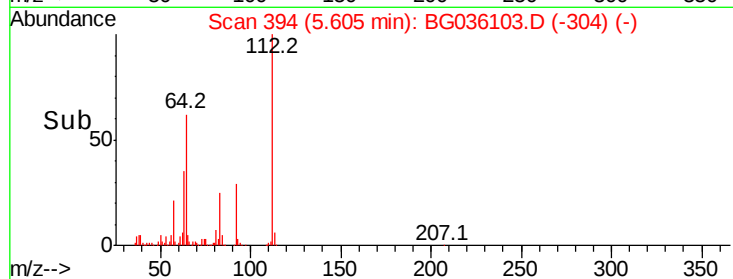
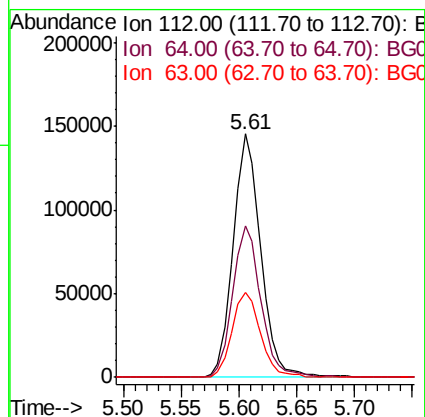
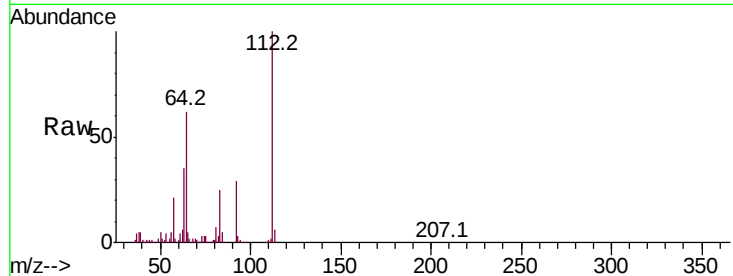
ClientSampleId :

ES-RO-276MSD

Tot Ion:	112	Resp:	241179
Ion Ratio	Lower	Upper	
112	100		
64	62.2	56.3	84.5
63	34.9	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 33.015 ng

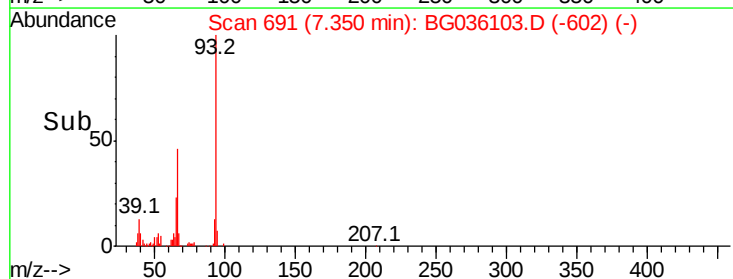
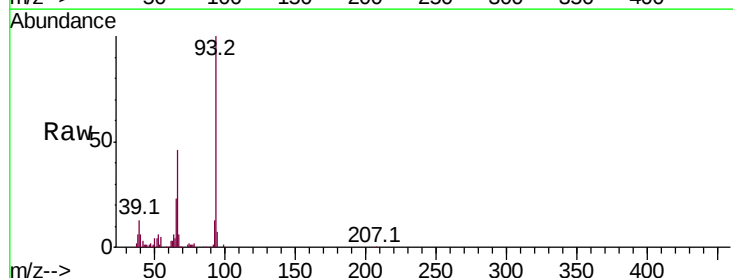
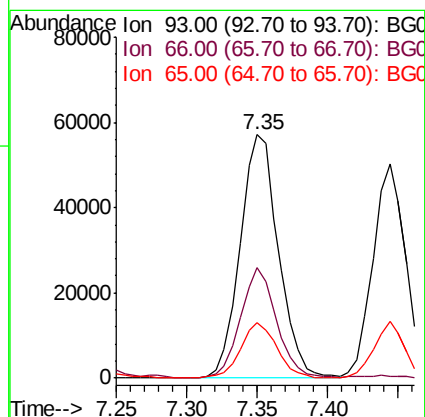
RT: 7.35 min Scan# 691

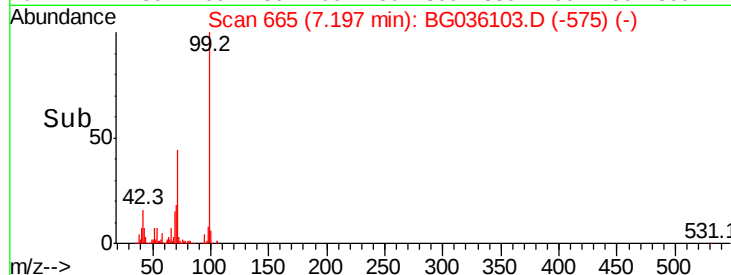
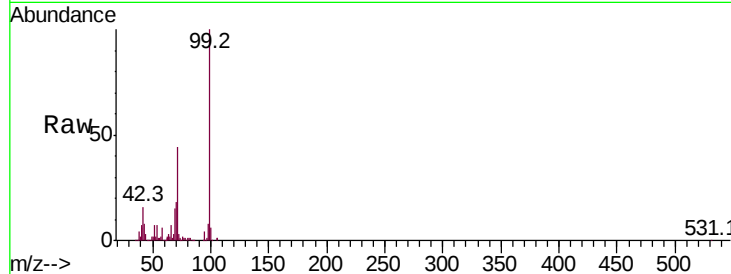
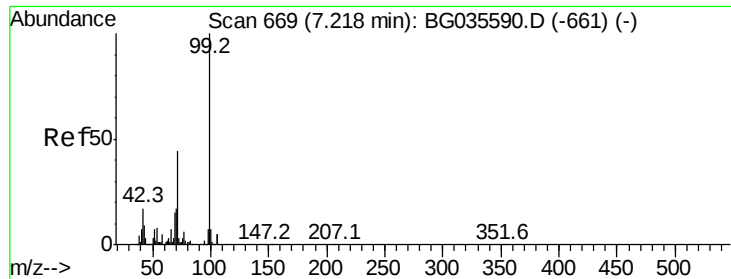
Delta R.T. -0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Tgt Ion:	93	Resp:	108189
Ion Ratio	Lower	Upper	
93	100		
66	45.5	33.7	50.5
65	22.6	16.1	24.1





#7

Phenol-d6

Concen: 143.685 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100				
42	16.4	14.1	21.1		
71	43.6	26.1	39.1		

Instrument :

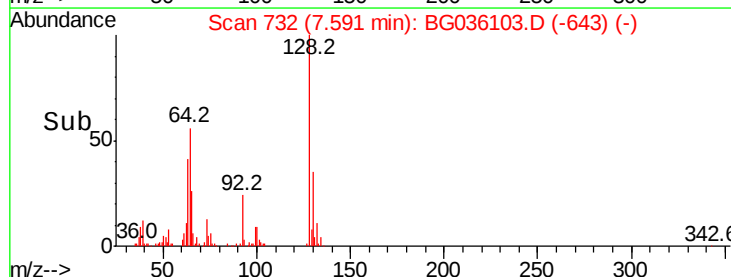
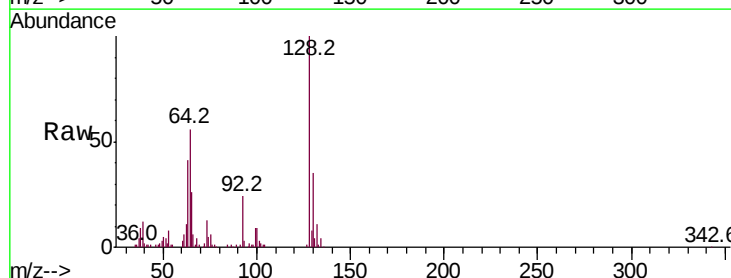
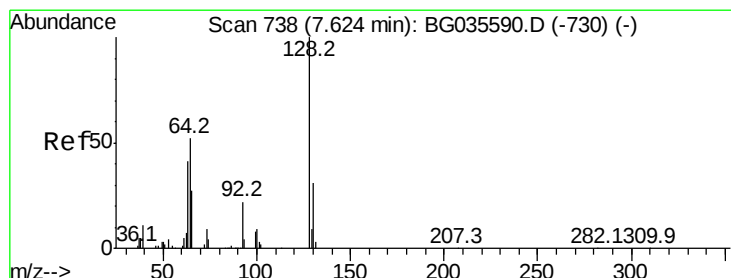
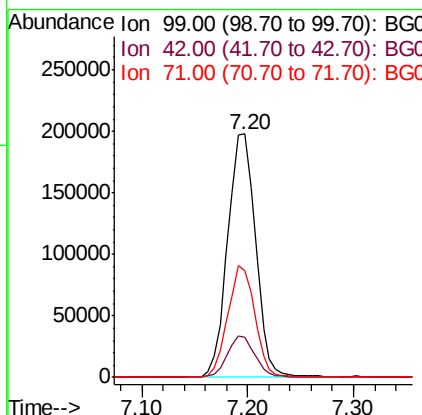
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#8

2-Chlorophenol

Concen: 48.226 ng

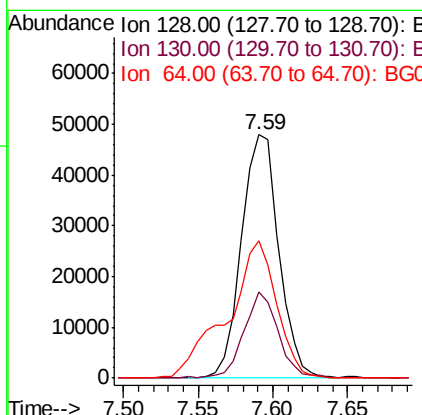
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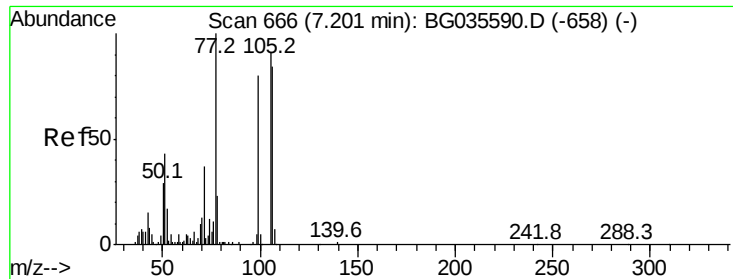
Delta R.T. -0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
130	35.3	14.0	54.0		
64	56.4	37.7	77.7		





#9

Benzaldehyde

Concen: 31.535 ng

RT: 7.17 min Scan# 660

Delta R.T. 0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Instrument :

BNA_G

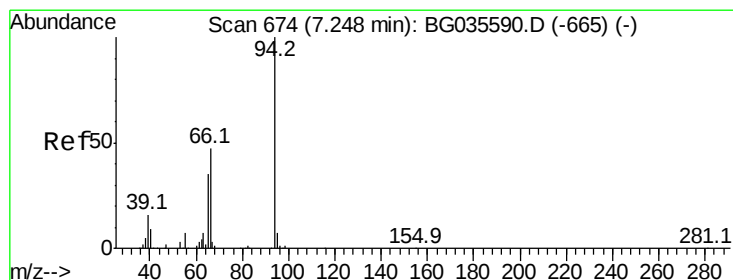
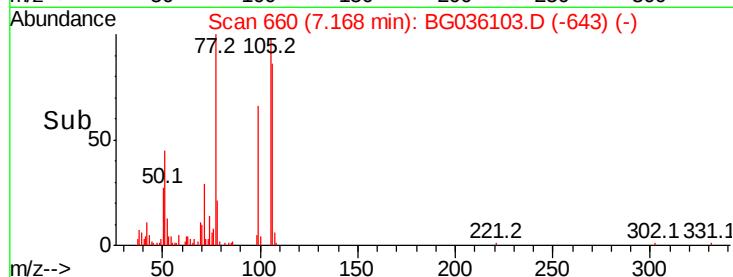
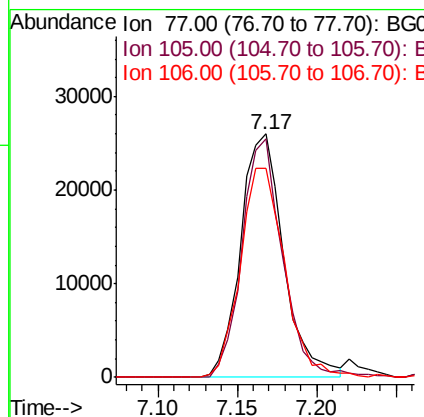
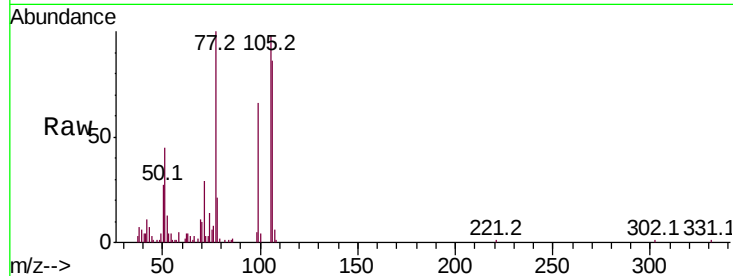
ClientSampleId :

ES-RO-276MSD

Tot Ion:	77	Resp:	48919
Ion	Ratio	Lower	Upper
77	100		
105	98.0	71.3	111.3
106	85.7	64.2	104.2

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#10

Phenol

Concen: 50.193 ng

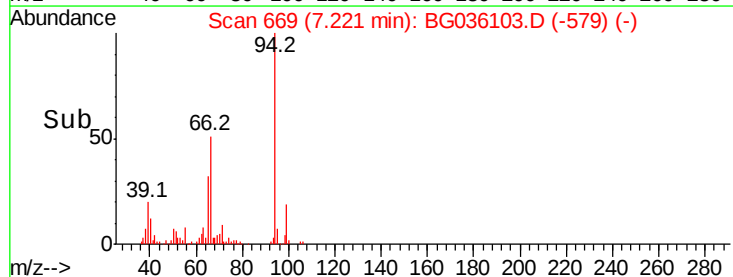
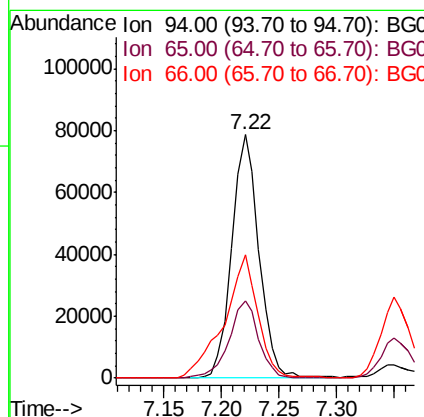
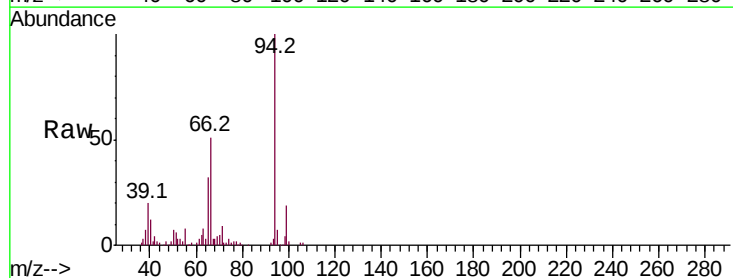
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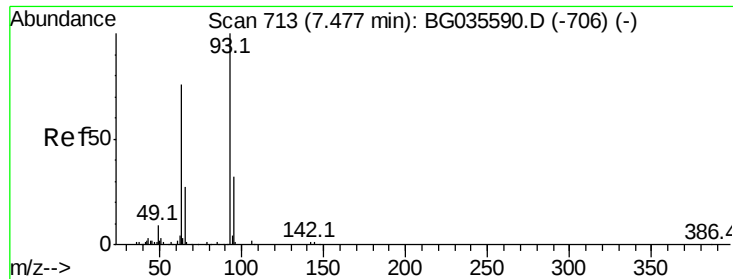
Delta R.T. 0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Tgt Ion:	94	Resp:	128205
Ion	Ratio	Lower	Upper
94	100		
65	31.7	11.9	51.9
66	50.6	22.2	62.2





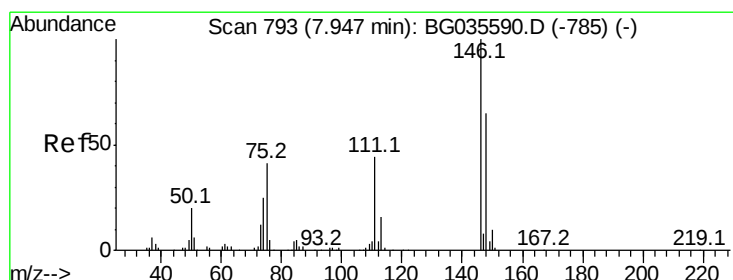
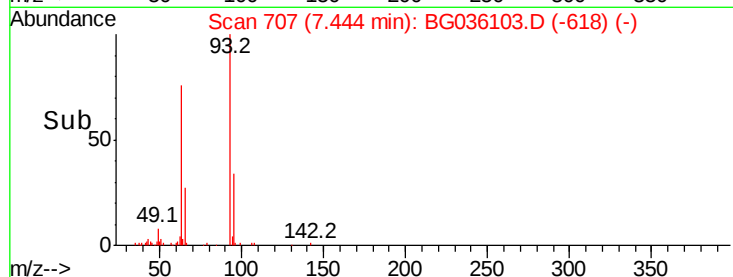
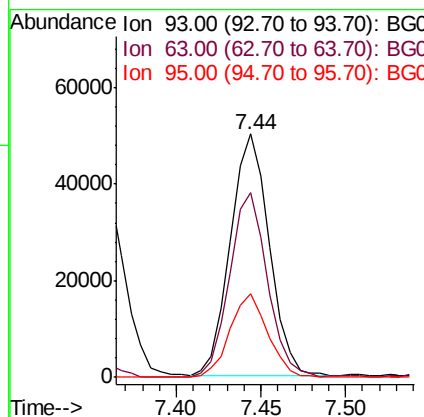
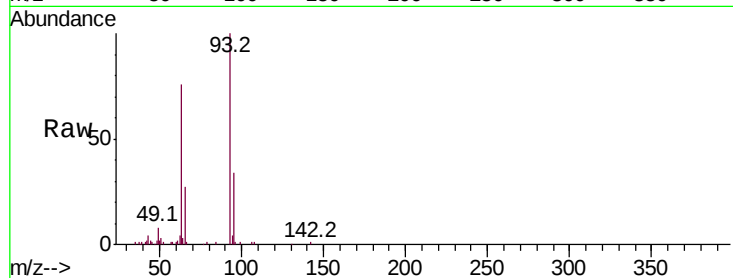
#11
bis(2-Chloroethyl)ether
Concen: 40.103 ng
RT: 7.44 min Scan# 707
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Instrument :
BNA_G
ClientSampleId :
ES-RO-276MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	80219		
63	76.0		67.1	107.1
95	34.2		11.5	51.5

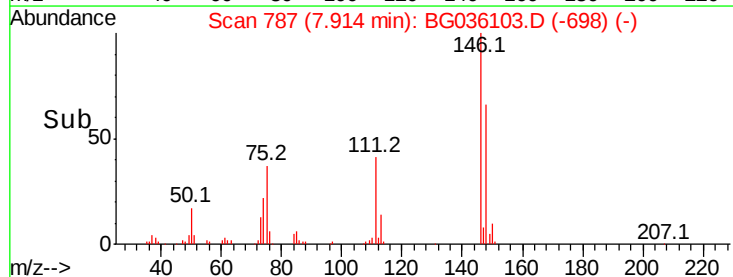
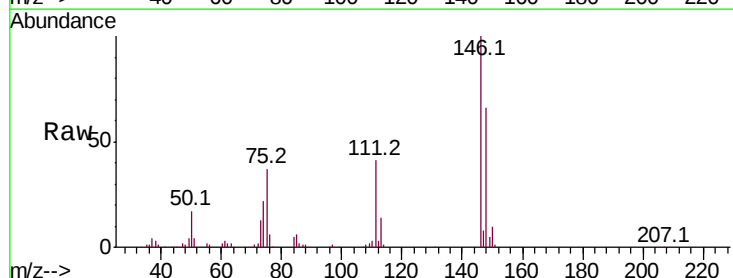
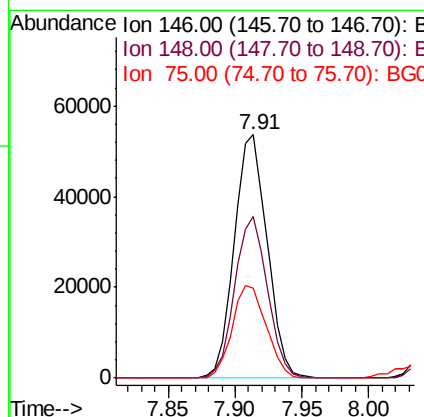
Manual Integrations
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8/6/2018 9:57:44 AM



#12
1,3-Dichlorobenzene
Concen: 44.093 ng
RT: 7.91 min Scan# 787
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	91765		
148	66.2		51.4	77.2
75	36.9		26.6	39.8





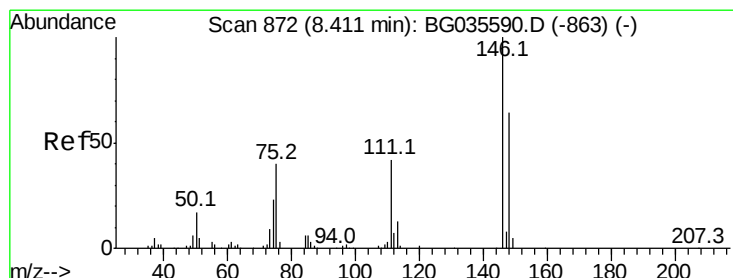
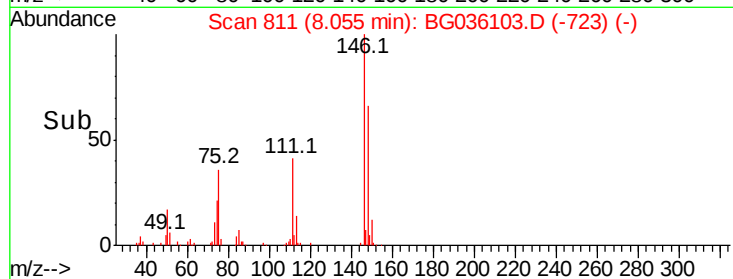
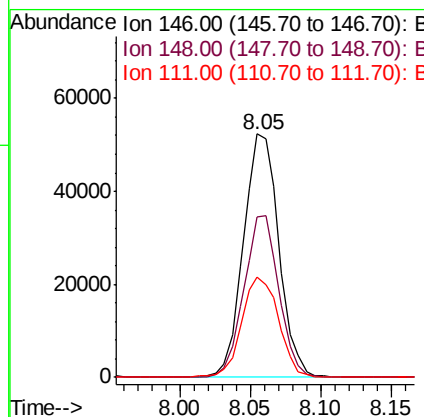
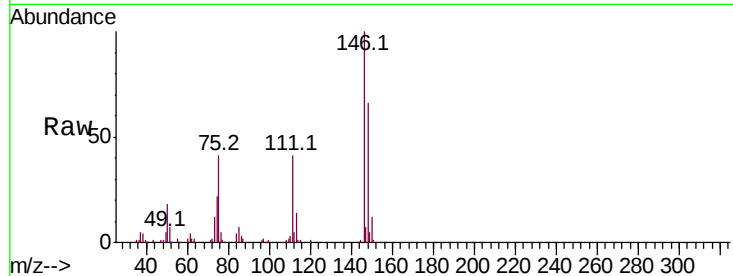
#13
 1,4-Dichlorobenzene
 Concen: 43.389 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036103.D
 Acq: 3 Aug 2018 20:51

Instrument :
 BNA_G
 ClientSampleId :
 ES-RO-276MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	53.7	80.5
111	41.4	35.2	52.8

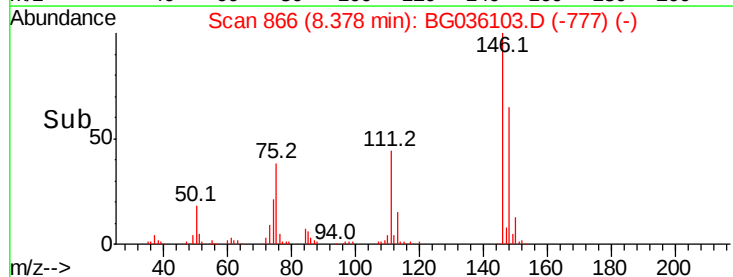
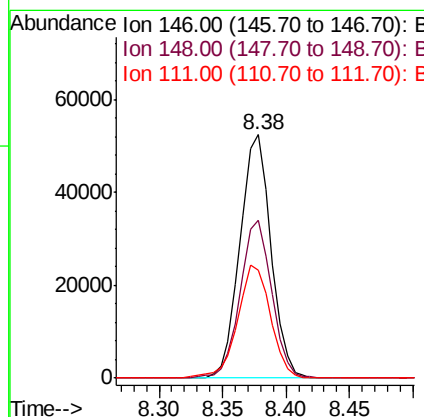
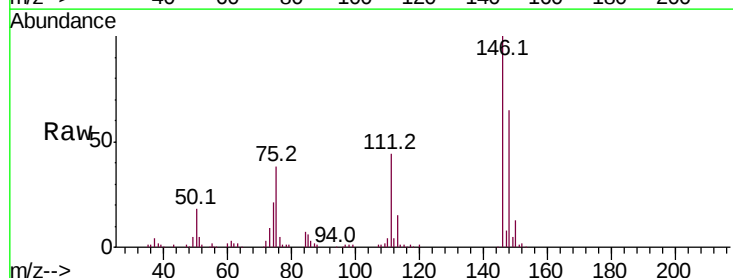
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 43.835 ng
 RT: 8.38 min Scan# 866
 Delta R.T. -0.00 min
 Lab File: BG036103.D
 Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	49.3	73.9
111	44.4	34.3	51.5





#15

Benzyl Alcohol

Concen: 43.106 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Instrument :

BNA_G

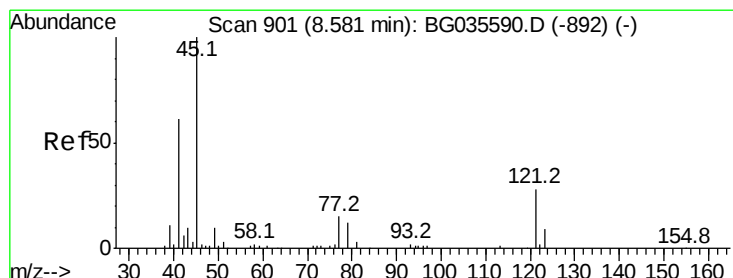
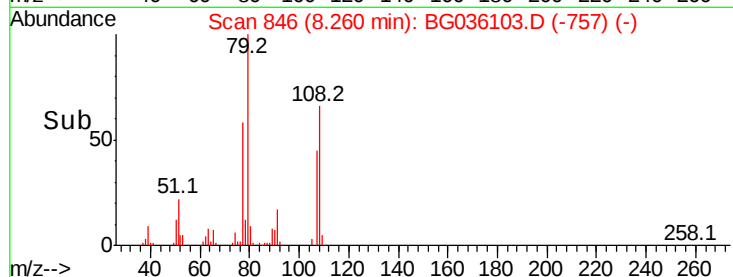
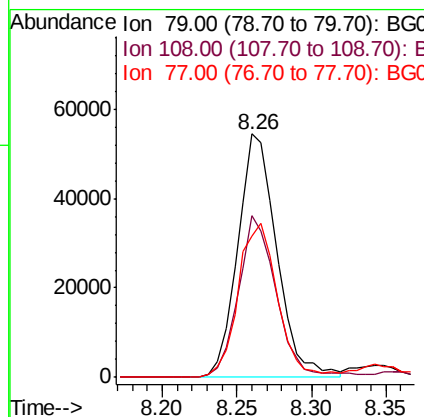
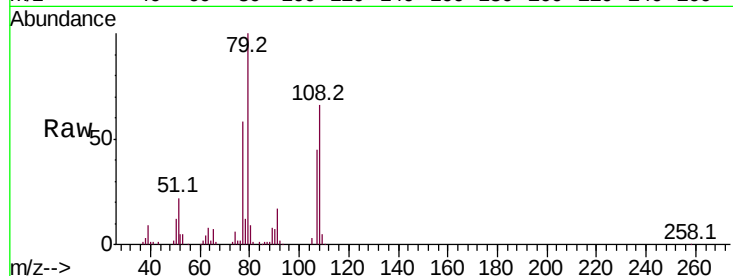
ClientSampleId :

ES-RO-276MSD

Tot Ion:	79	Resp:	98966
Ion Ratio	Lower	Upper	
79	100		
108	66.3	57.2	85.8
77	57.8	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 54.333 ng

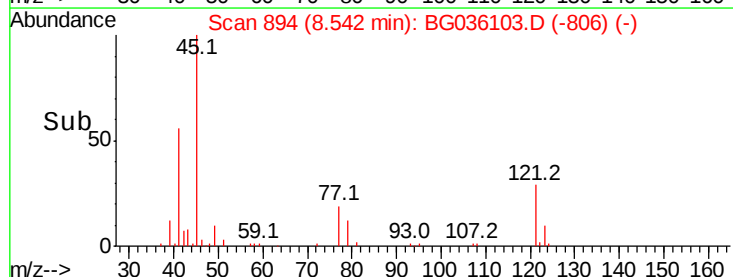
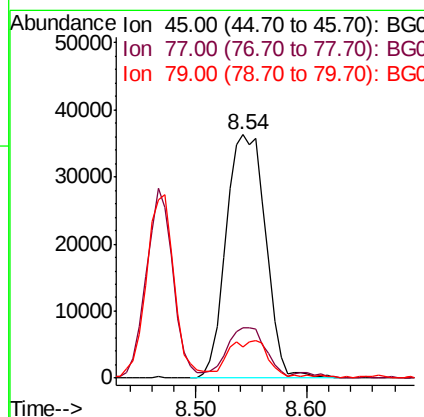
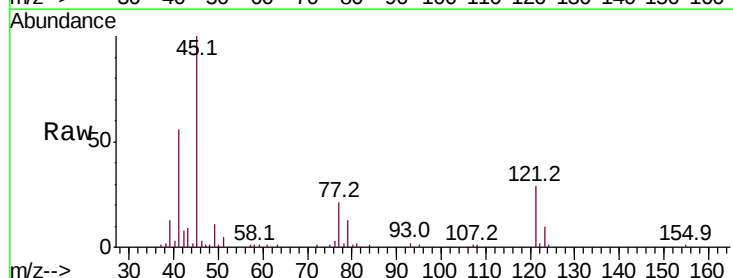
RT: 8.54 min Scan# 894

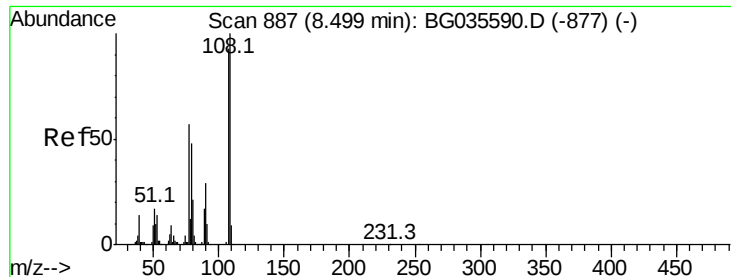
Delta R.T. -0.01 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Tgt Ion:	45	Resp:	91118
Ion Ratio	Lower	Upper	
45	100		
77	20.7	0.0	30.2
79	12.7	0.0	27.9





#17

2-Methylphenol

Concen: 48.450 ng

RT: 8.47 min Scan# 881

Delta R.T. -0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Instrument :

BNA_G

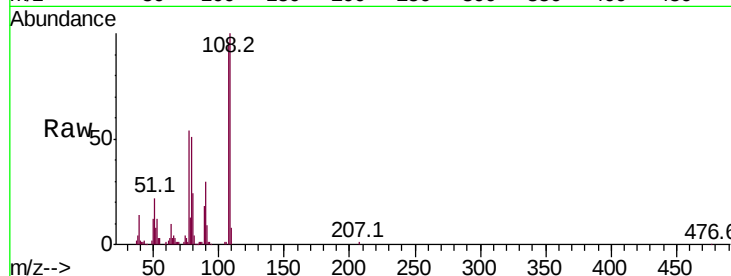
ClientSampleId :

ES-RO-276MSD

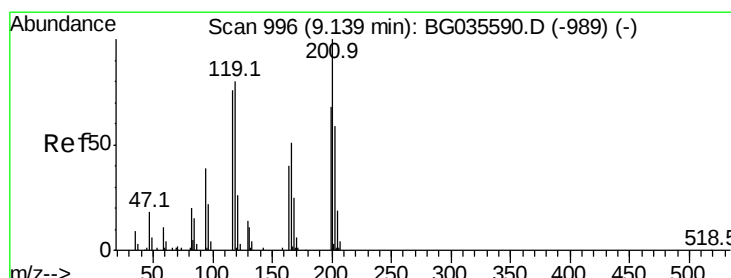
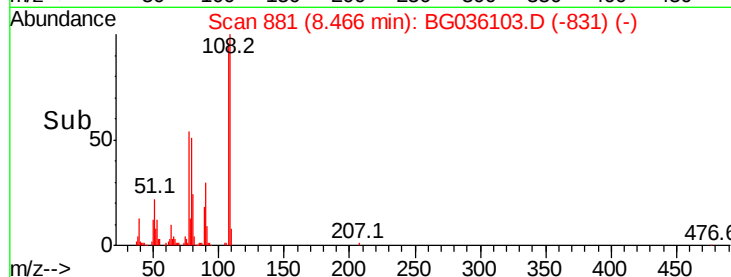
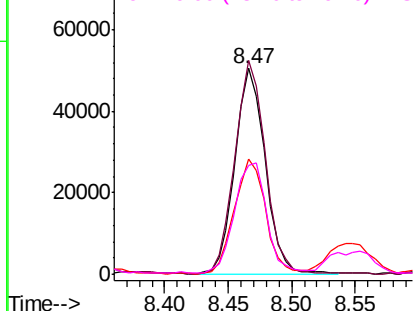
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	103.7	83.9	125.9	
77	56.0	37.2	55.8	
79	52.6	36.2	54.2	

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



#18

Hexachloroethane

Concen: 43.383 ng

RT: 9.10 min Scan# 989

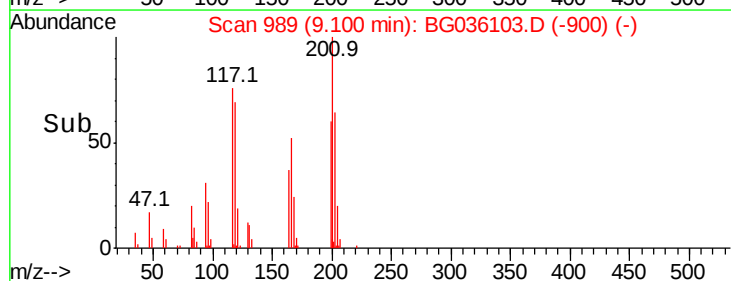
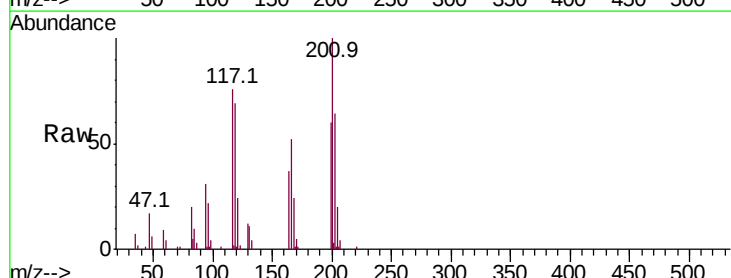
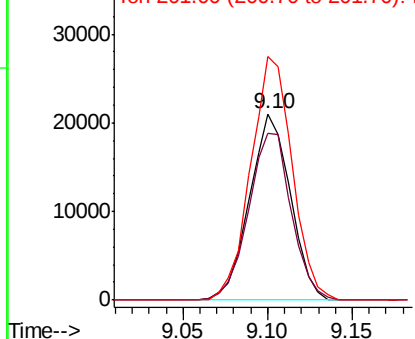
Delta R.T. -0.00 min

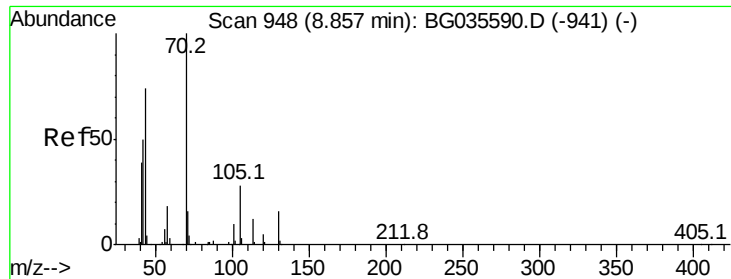
Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	89.6	76.7	115.1	
201	130.7	95.7	143.5	

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





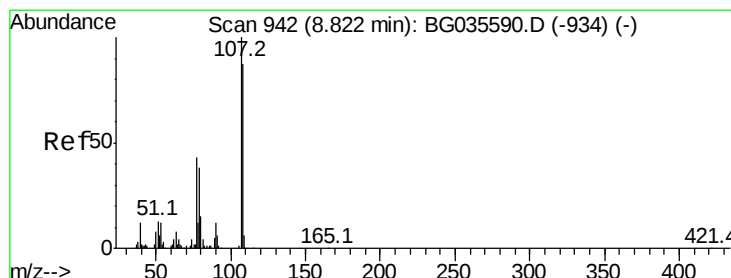
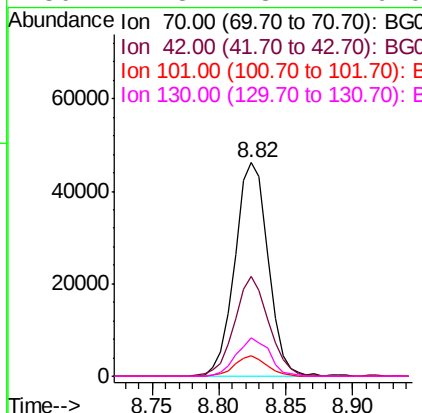
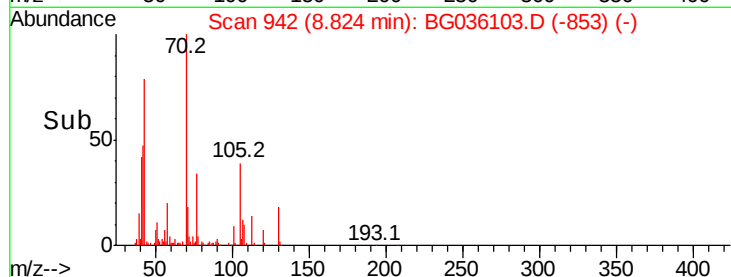
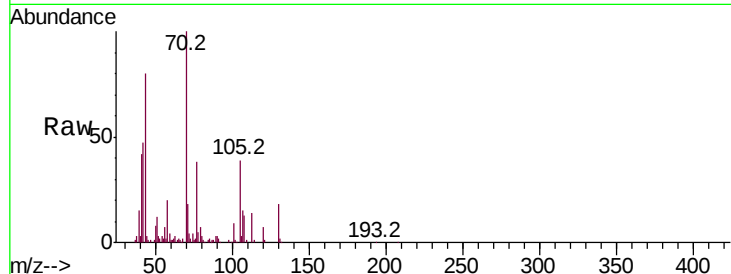
#19
n-Nitroso-di-n-propylamine
Concen: 37.354 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Instrument :
BNA_G
ClientSampleId :
ES-RO-276MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	46.6	49.1	73.7#		
101	9.4	8.5	12.7		
130	17.8	13.4	20.0		

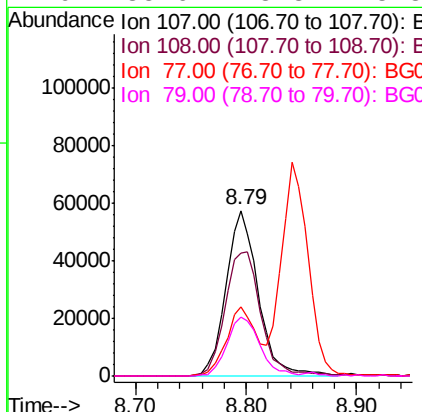
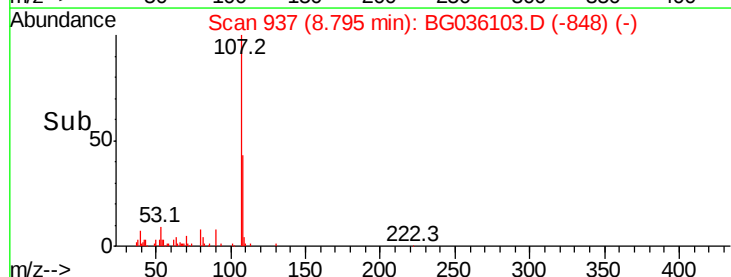
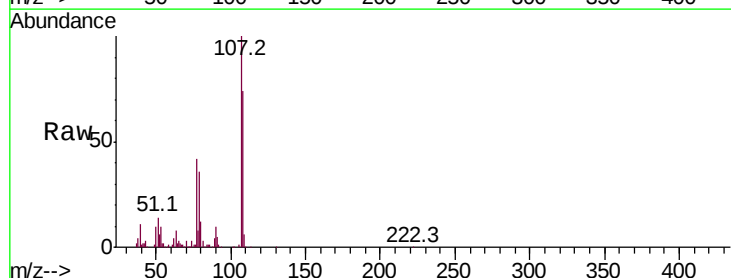
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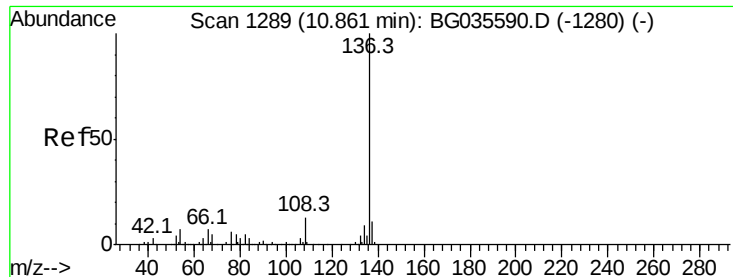
Sohil
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#20
3+4-Methylphenols
Concen: 48.716 ng
RT: 8.79 min Scan# 937
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	73.8	61.6	101.6		
77	42.1	13.9	53.9		
79	35.6	8.8	48.8		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Instrument :

BNA_G

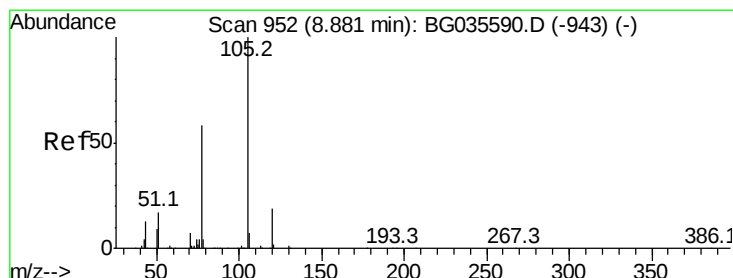
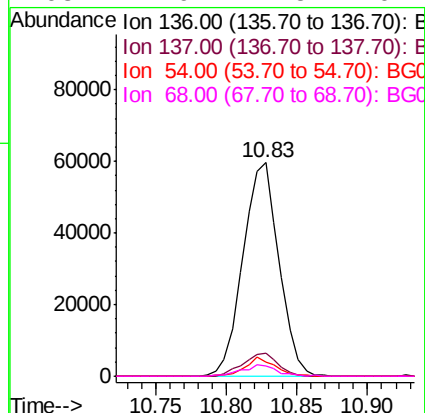
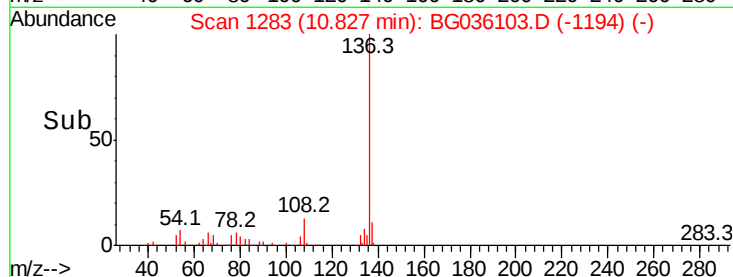
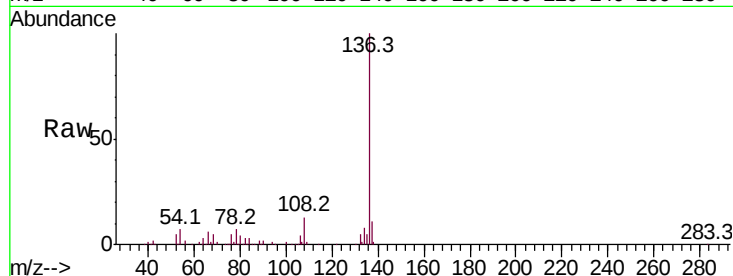
ClientSampleId :

ES-RO-276MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.2	13.8	
54	6.8	10.3	15.5	
68	4.9	4.5	6.7	

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#22

Acetophenone

Concen: 46.186 ng

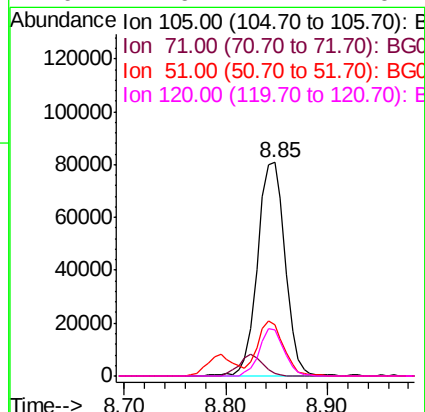
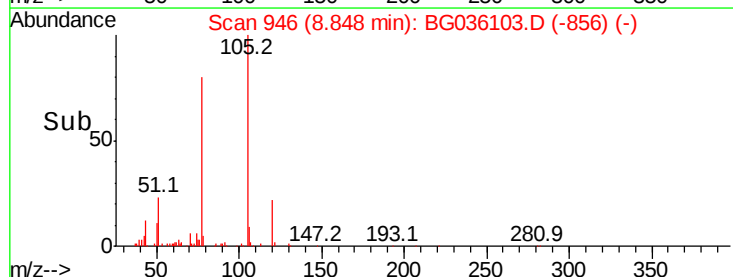
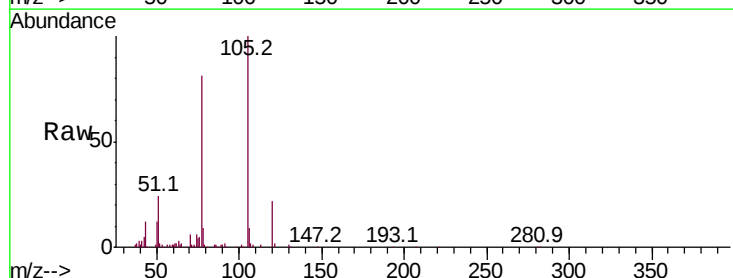
RT: 8.85 min Scan# 946

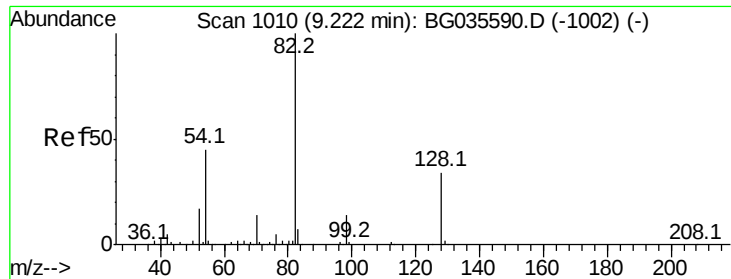
Delta R.T. 0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.2	3.0	4.4	
51	23.9	26.1	39.1	
120	21.6	17.4	26.2	





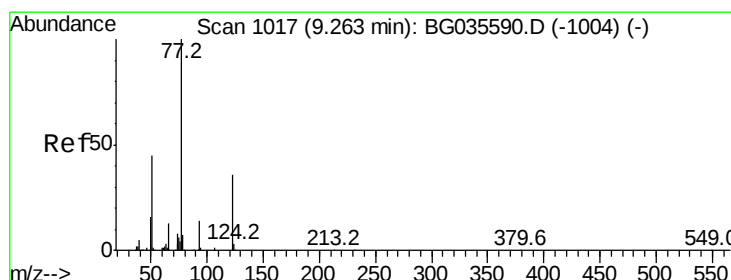
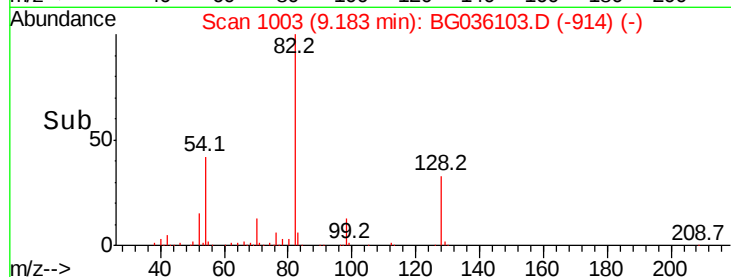
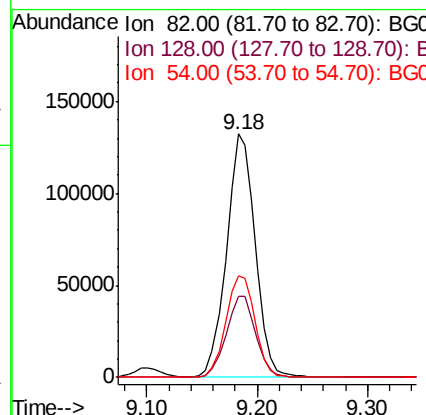
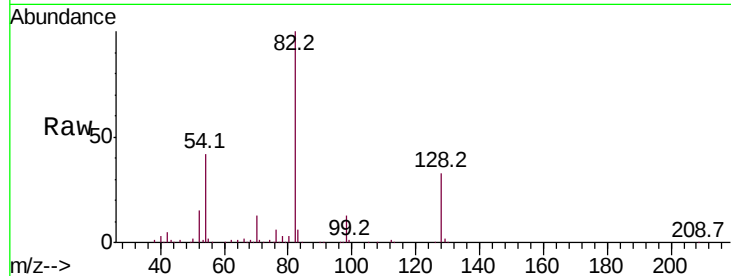
#23
 Nitrobenzene-d5
 Concen: 94.427 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BG036103.D
 Acq: 3 Aug 2018 20:51

Instrument :
 BNA_G
 ClientSampleId :
 ES-RO-276MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.1	29.7	44.5
54	41.8	43.1	64.7

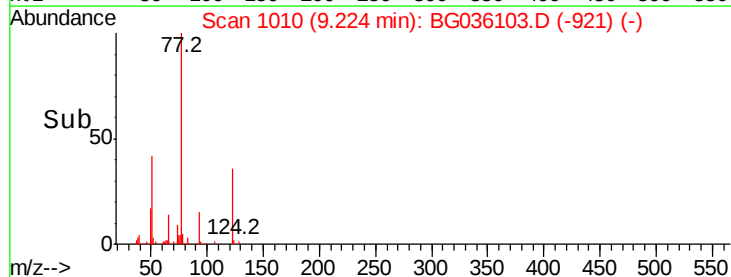
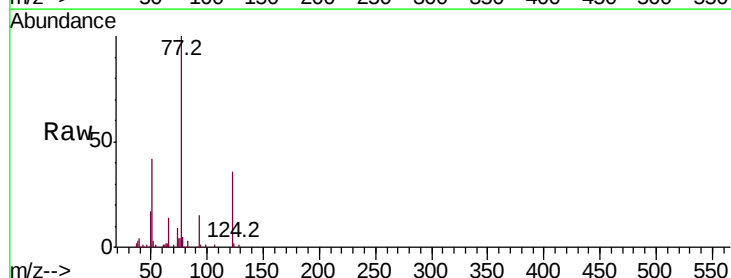
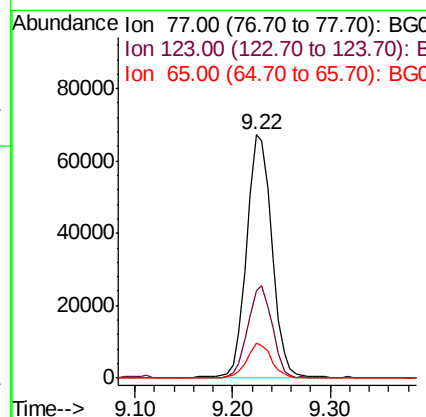
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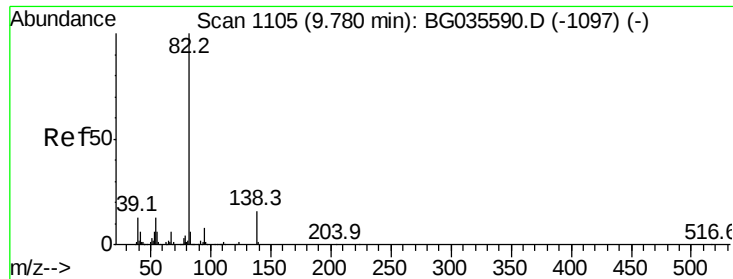
Sohil
 8/6/2018 9:57:44 AM



#24
 Nitrobenzene
 Concen: 48.021 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BG036103.D
 Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.8	33.0	49.6
65	14.2	13.0	19.6





#25

Isophorone

Concen: 50.014 ng

RT: 9.75 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Instrument :

BNA_G

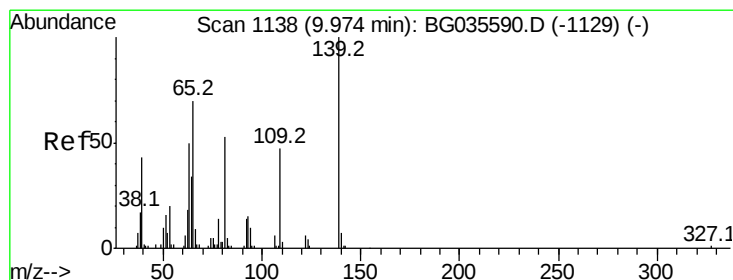
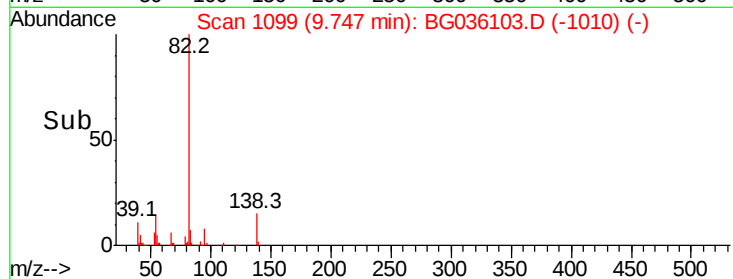
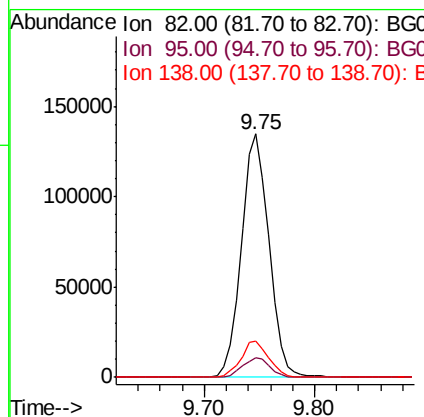
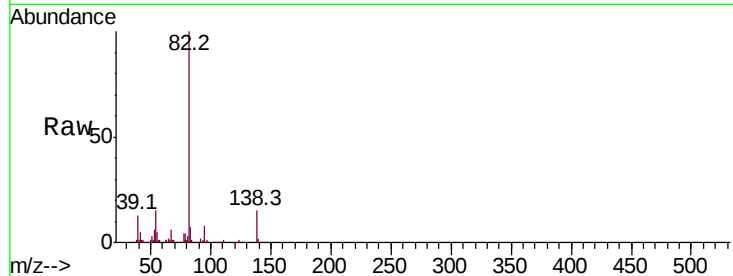
ClientSampleId :

ES-RO-276MSD

Tot Ion	82	Resp	236351
Ion Ratio	Lower	Upper	
82	100		
95	8.2	6.2	9.2
138	14.8	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 56.955 ng

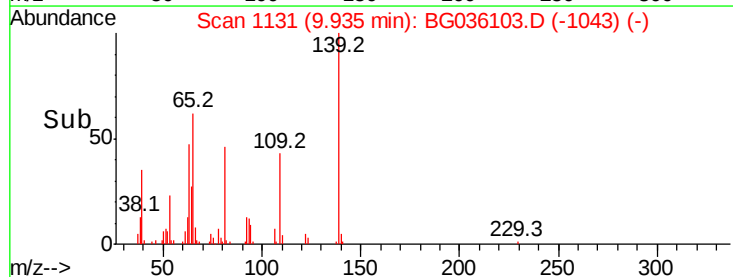
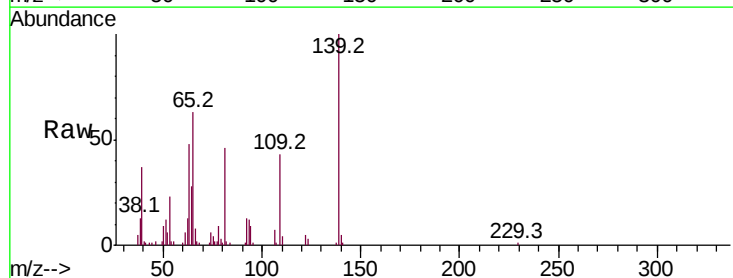
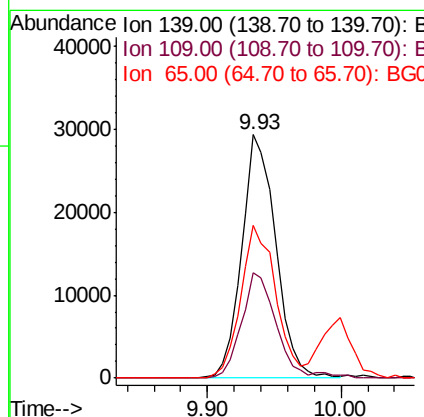
RT: 9.93 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Tgt Ion	139	Resp	51787
Ion Ratio	Lower	Upper	
139	100		
109	43.3	24.2	36.2#
65	62.6	47.4	71.0





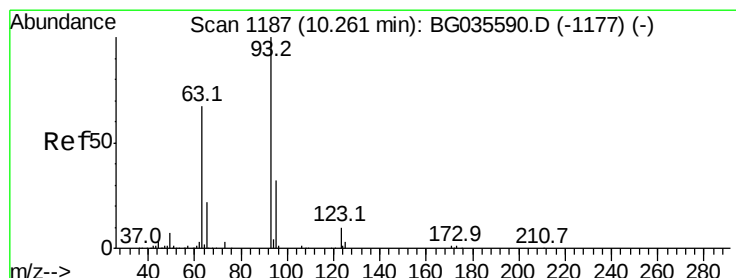
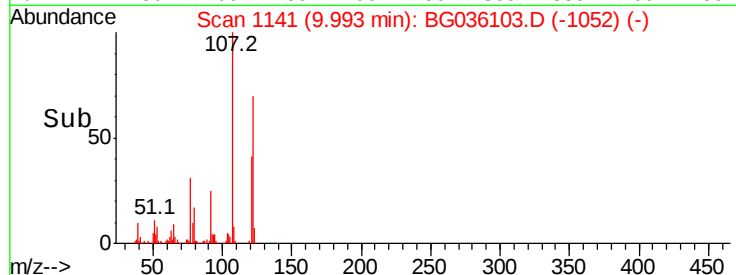
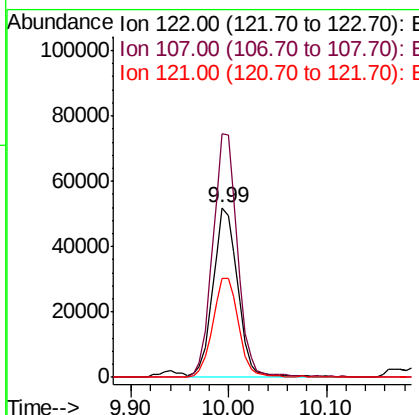
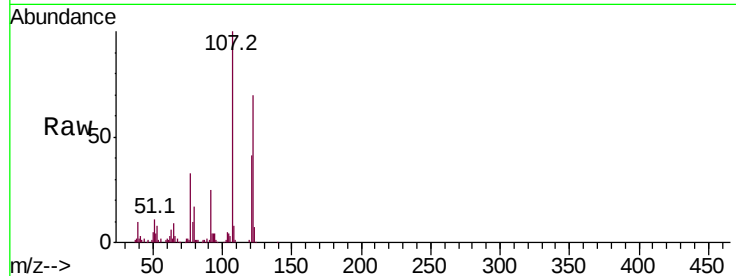
#27
2,4-Dimethylphenol
Concen: 59.197 ng
RT: 9.99 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Instrument :
BNA_G
ClientSampleId :
ES-RO-276MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	91112		
107	143.6	100.2	150.2	
121	58.6	44.4	66.6	

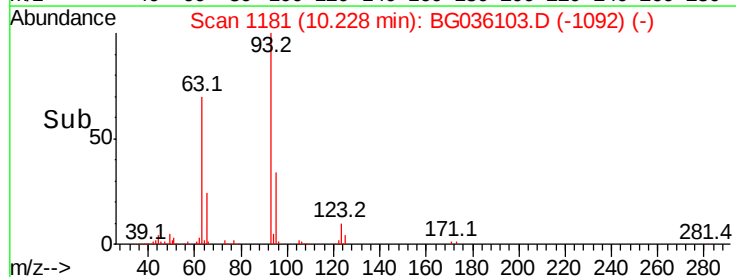
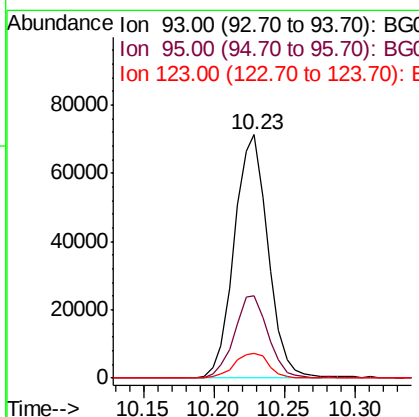
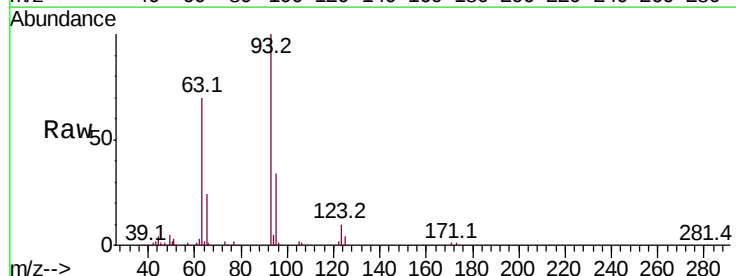
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#28
bis(2-Chloroethoxy)methane
Concen: 45.777 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	119202		
95	34.0	24.3	36.5	
123	10.4	8.4	12.6	





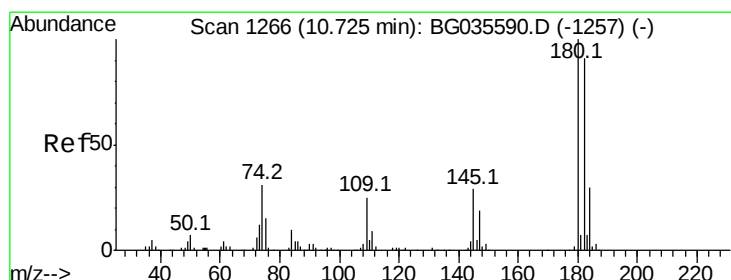
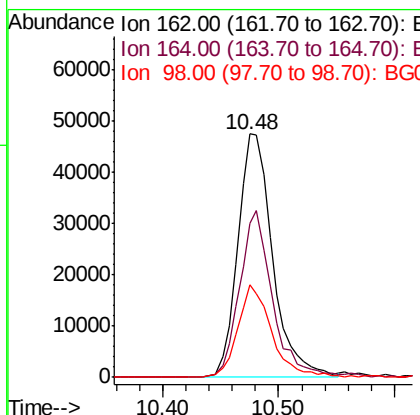
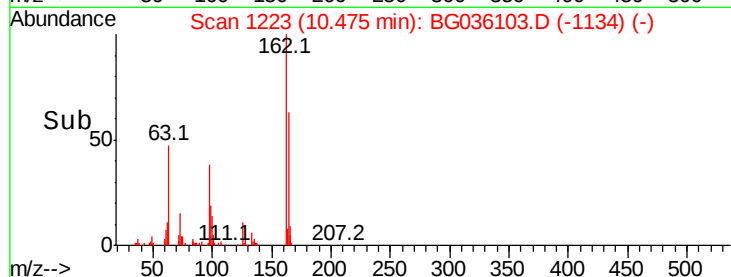
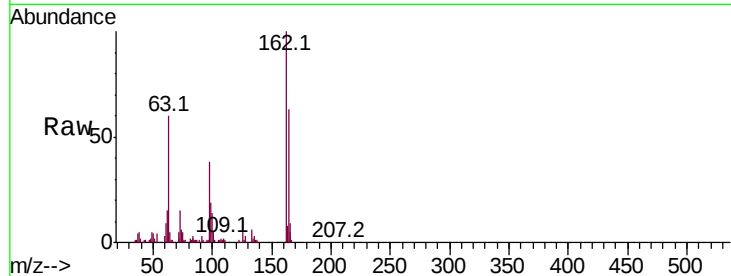
#29
2,4-Dichlorophenol
Concen: 56.785 ng
RT: 10.48 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Instrument :
BNA_G
ClientSampleId :
ES-RO-276MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.4	48.0	88.0	
98	38.1	21.1	61.1	

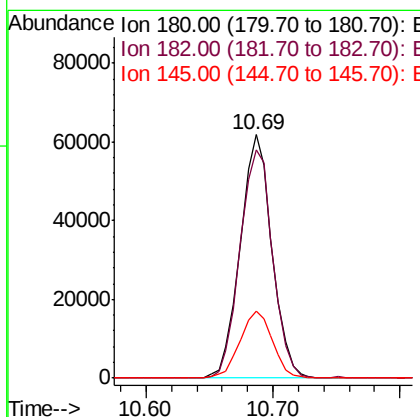
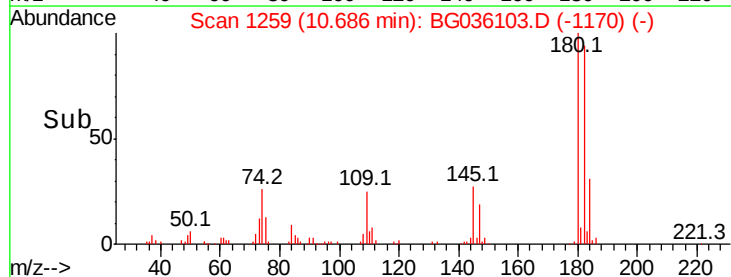
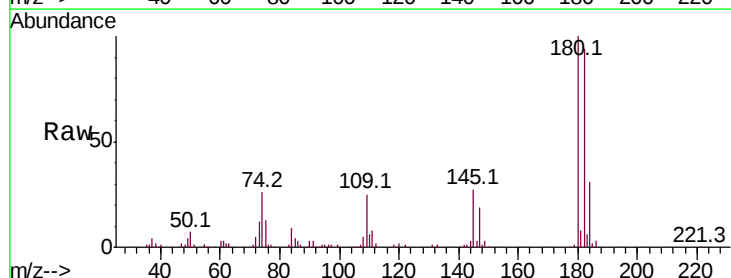
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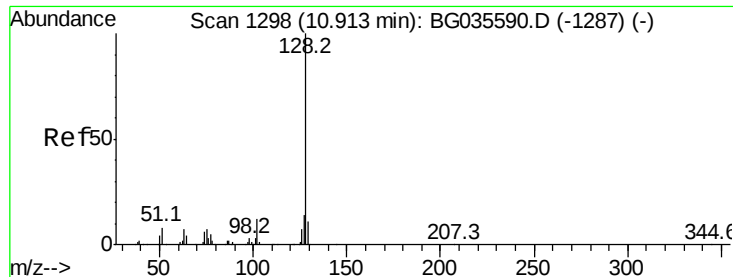
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 49.550 ng
RT: 10.69 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.8	77.5	116.3	
145	27.3	23.4	35.2	





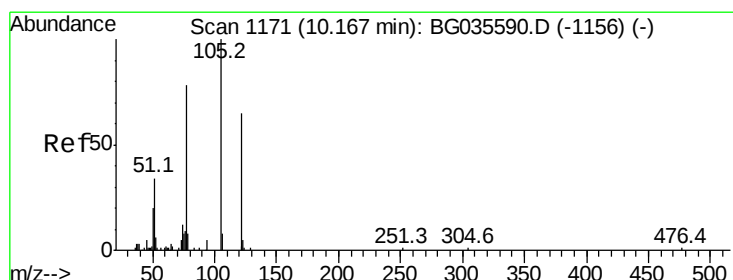
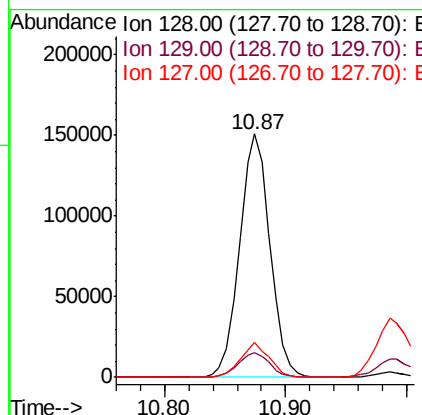
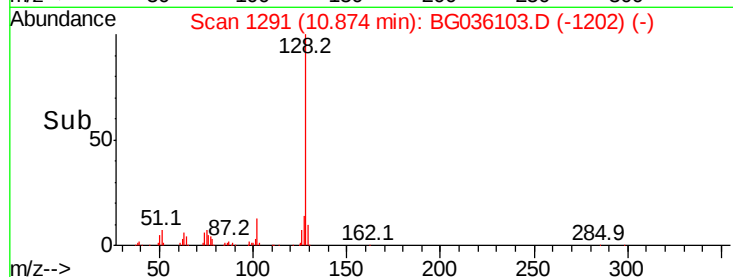
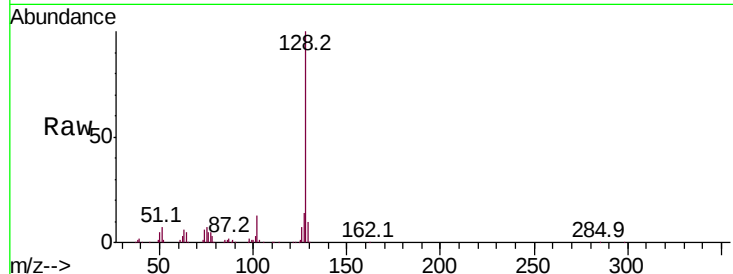
#31
Naphthalene
Concen: 47.581 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Instrument :
BNA_G
ClientSampleId :
ES-RO-276MSD

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.2	8.6	12.8
127	14.4	11.6	17.4

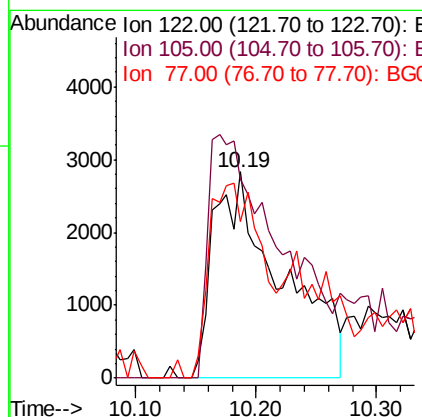
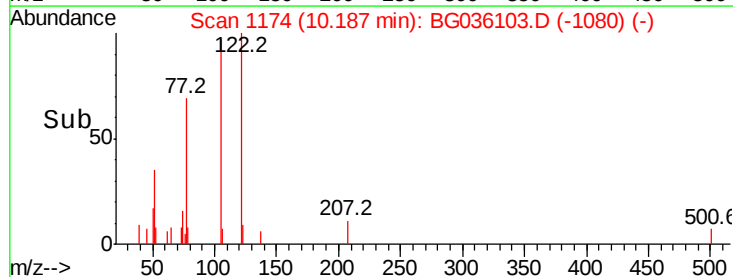
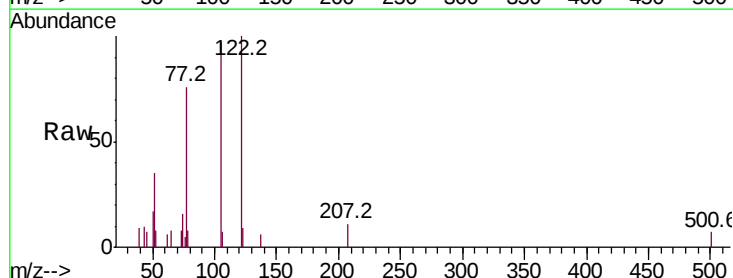
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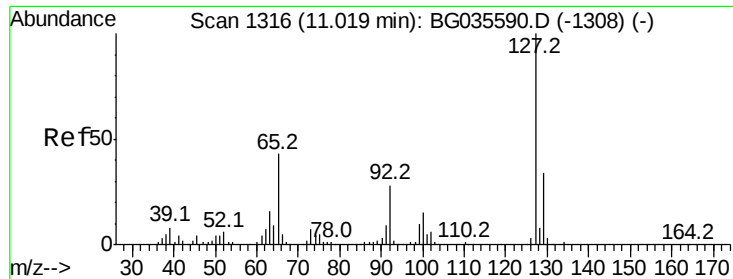
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#32
Benzoic acid
Concen: 10.739 ng m
RT: 10.19 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	96.6	123.5	163.5#
77	76.1	85.7	125.7#





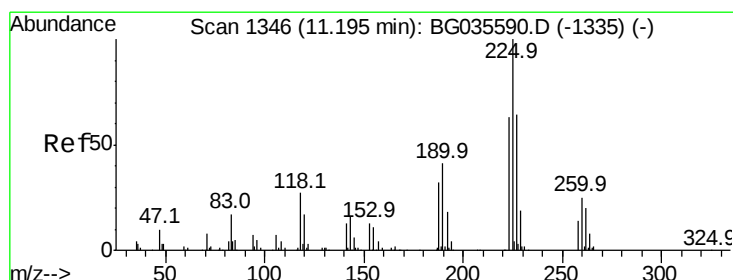
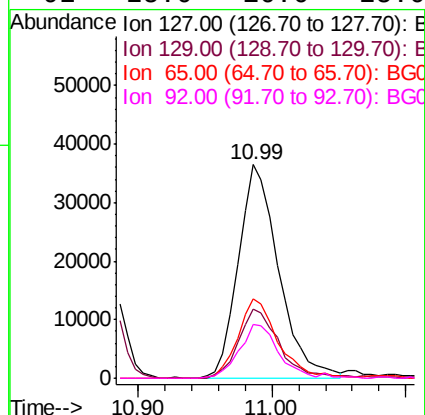
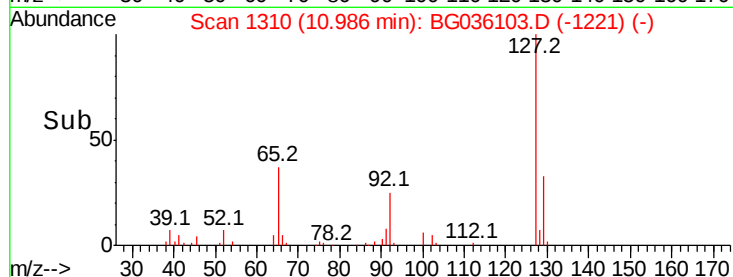
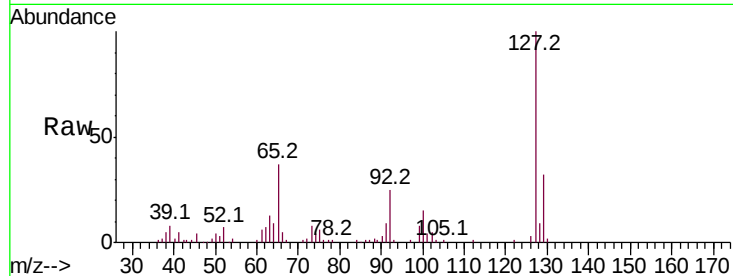
#33
4-Chloroaniline
Concen: 31.587 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Instrument :
BNA_G
ClientSampleId :
ES-RO-276MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	24.0	36.0
65	37.2	27.0	40.4
92	25.0	16.6	25.0#

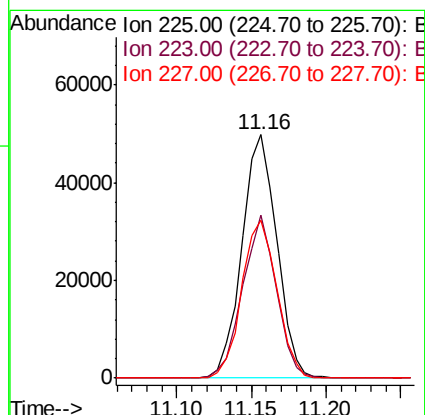
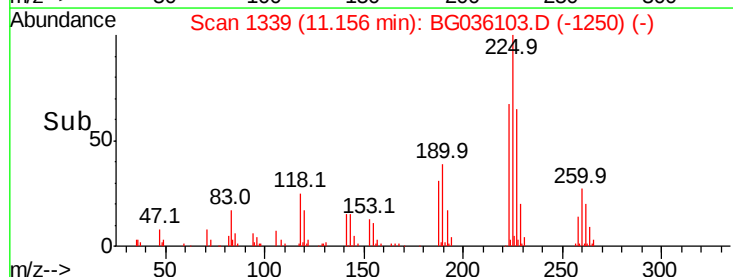
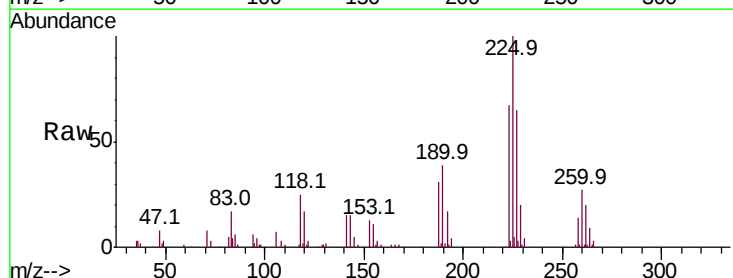
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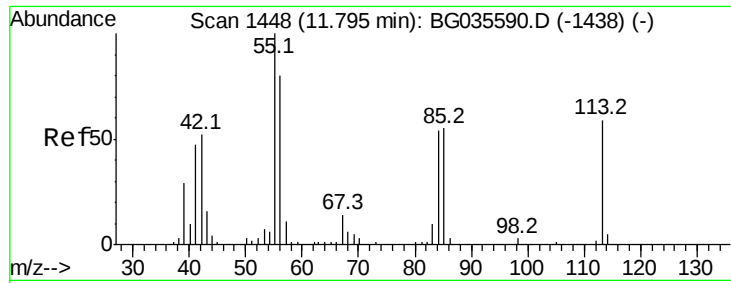
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#34
Hexachlorobutadiene
Concen: 48.046 ng
RT: 11.16 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.8	49.7	74.5
227	65.1	48.1	72.1





#35

Caprolactam

Concen: 48.653 ng/mL

RT: 11.77 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Instrument :

BNA_G

ClientSampleId :

ES-RO-276MSD

Tot Ion:113 Resp: 36683

Ion Ratio Lower Upper

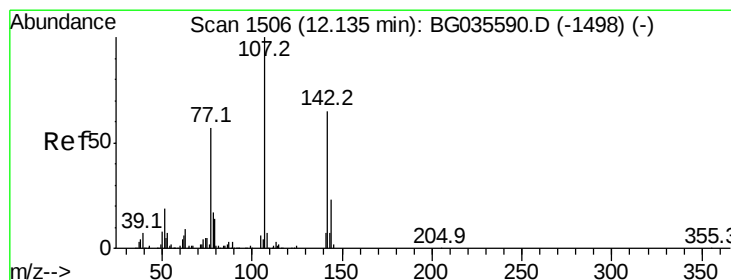
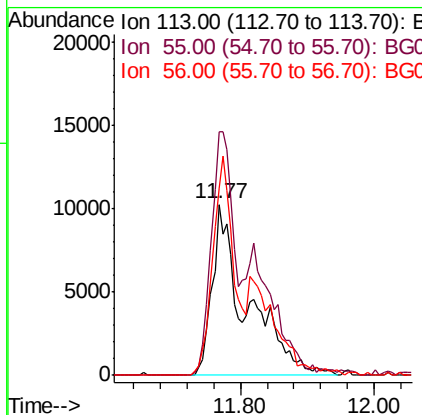
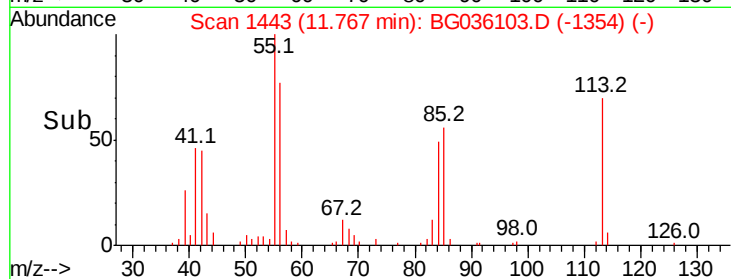
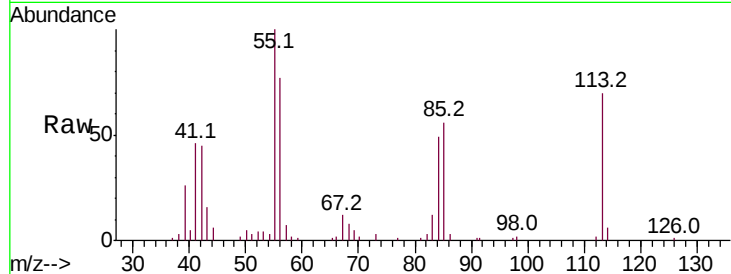
113 100

55 142.4 186.9 226.9#

56 109.7 130.9 170.9#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 56.945 ng/mL

RT: 12.11 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

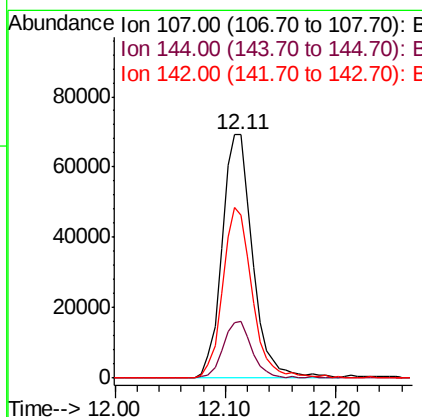
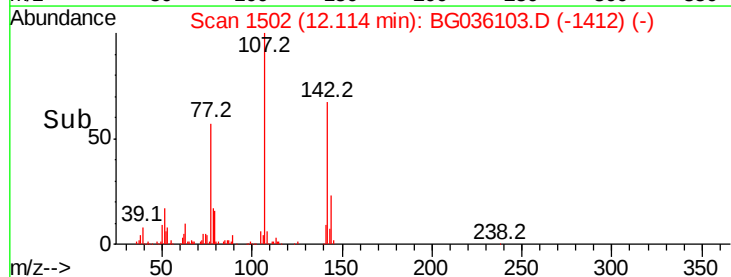
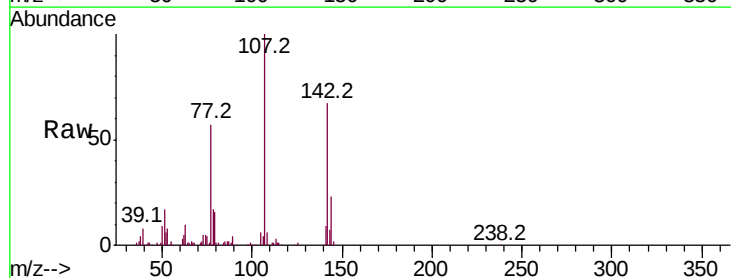
Tgt Ion:107 Resp: 134107

Ion Ratio Lower Upper

107 100

144 23.5 18.2 27.4

142 66.9 59.0 88.4





#37

2-Methylnaphthalene

Concen: 51.733 ng m

RT: 12.48 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Instrument :

BNA_G

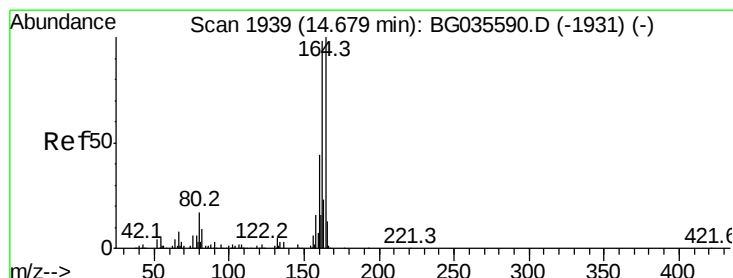
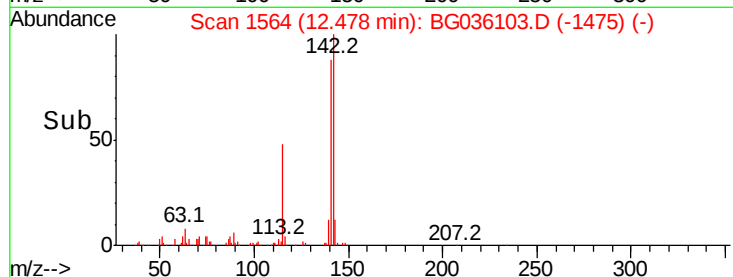
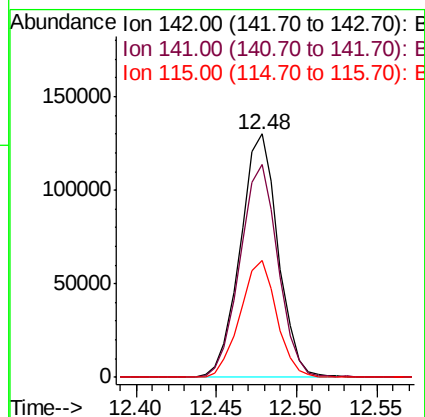
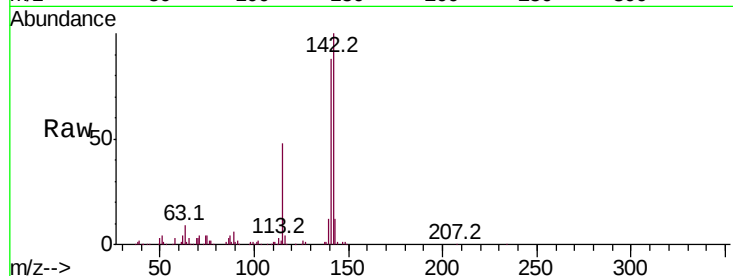
ClientSampleId :

ES-RO-276MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	213510		
141	87.7	67.1	100.7	
115	48.2	30.7	46.1	

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.000 ng

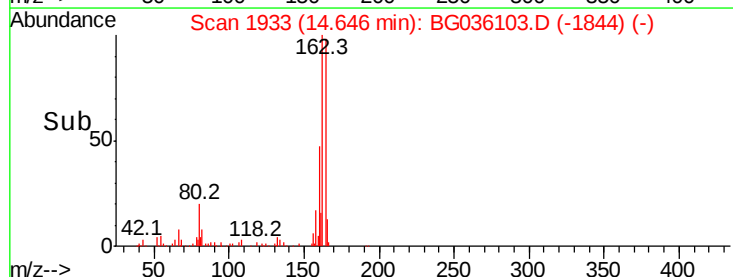
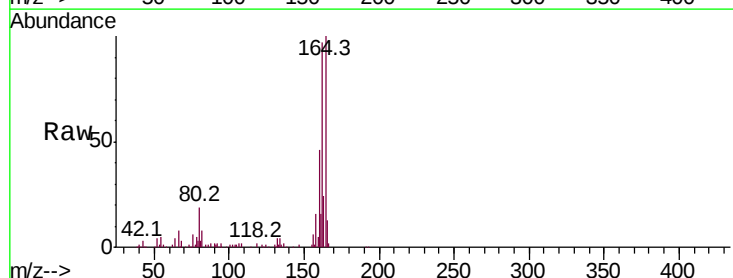
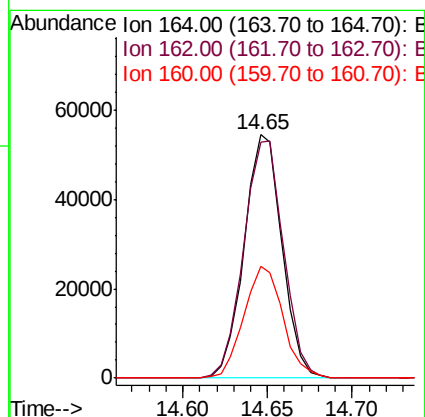
RT: 14.65 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	84649		
162	96.9	78.8	118.2	
160	45.9	35.4	53.0	





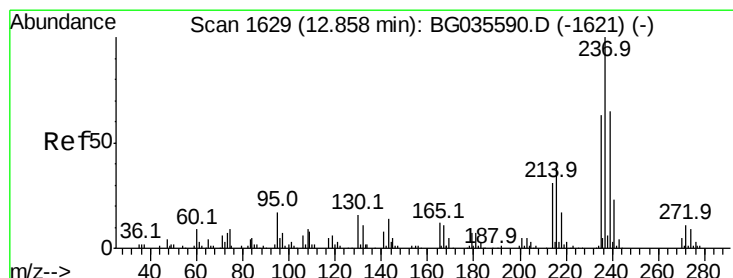
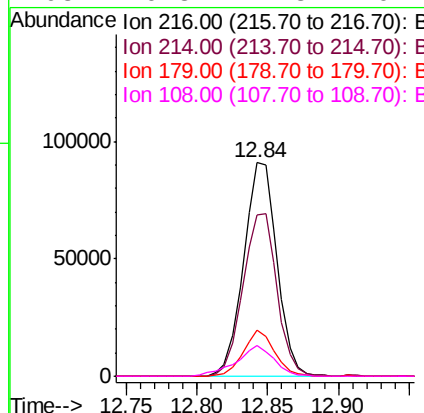
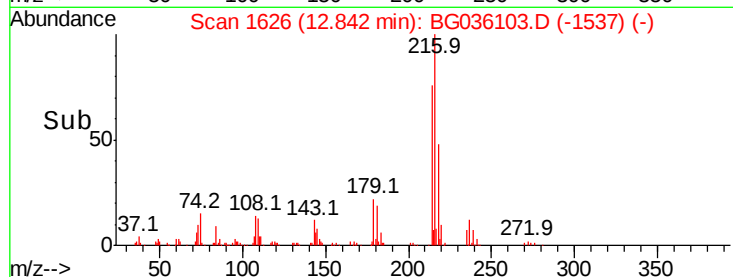
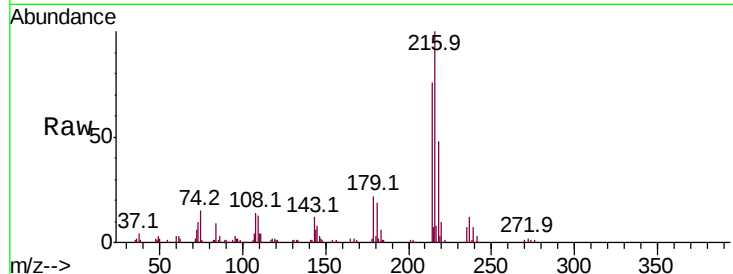
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.971 ng
 RT: 12.84 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BG036103.D
 Acq: 3 Aug 2018 20:51

Instrument :
 BNA_G
 ClientSampleId :
 ES-RO-276MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.8	63.0	94.4	
179	20.0	17.0	25.6	
108	16.3	12.8	19.2	

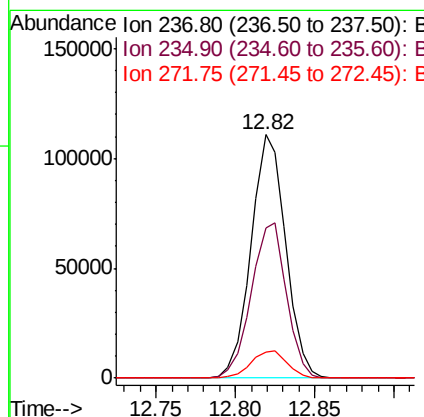
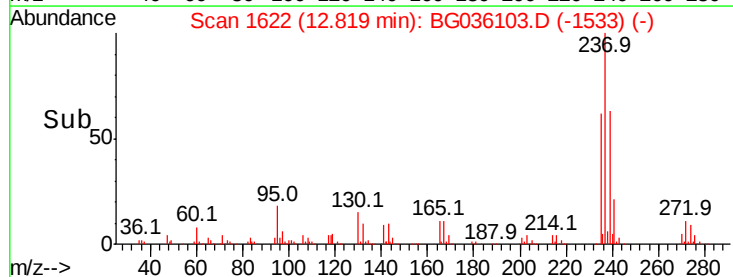
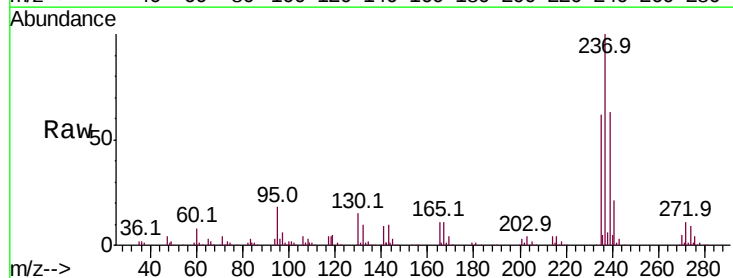
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#40
 Hexachlorocyclopentadiene
 Concen: 100.185 ng
 RT: 12.82 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BG036103.D
 Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.7	50.4	90.4	
272	10.6	0.0	31.8	





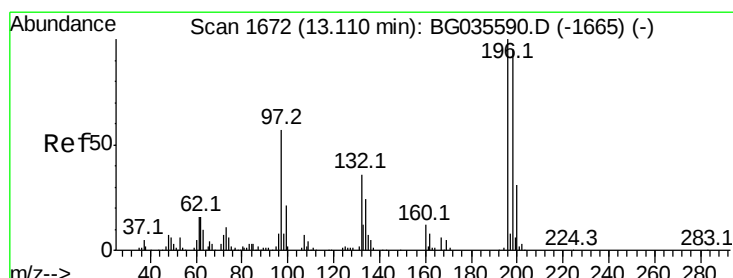
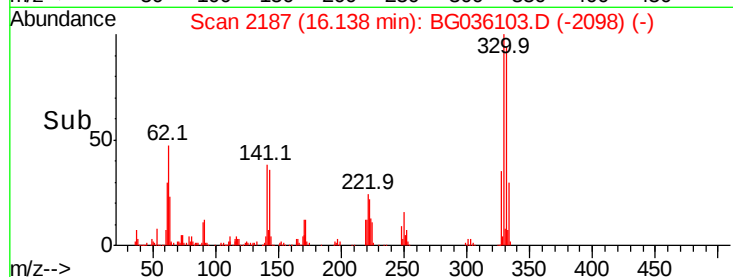
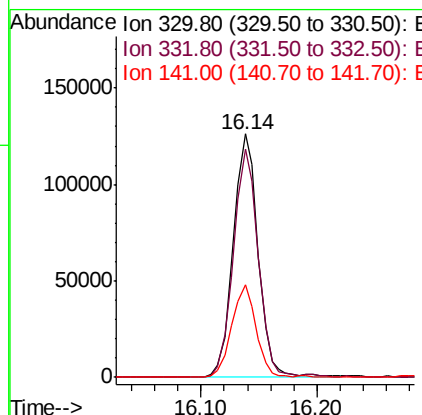
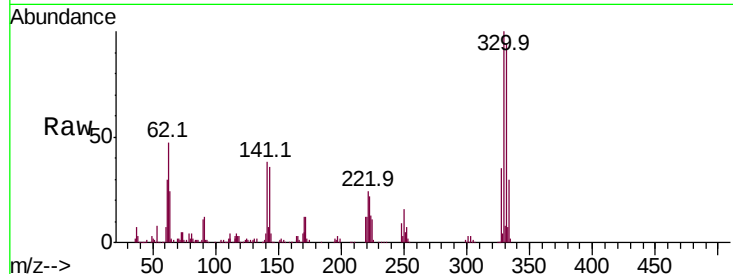
#41
 2,4,6-Tribromophenol
 Concen: 169.054 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG036103.D
 Acq: 3 Aug 2018 20:51

Instrument :
 BNA_G
 ClientSampleId :
 ES-RO-276MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	92.8	77.0	115.6	
141	37.7	25.2	37.8	

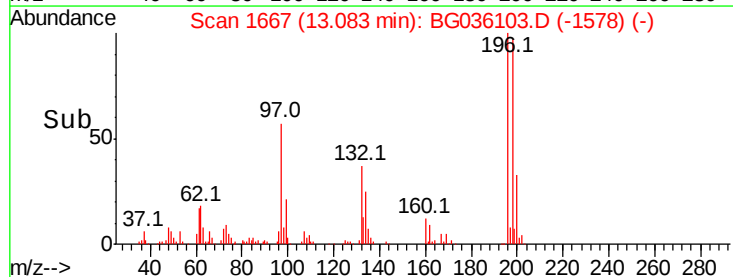
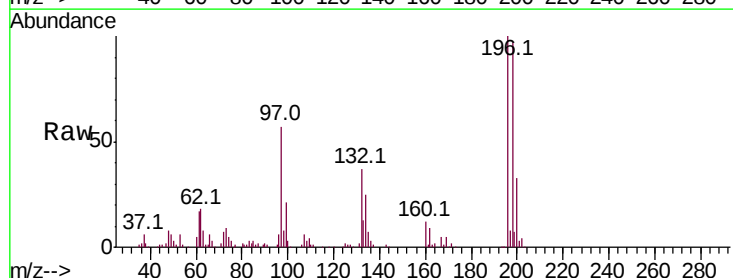
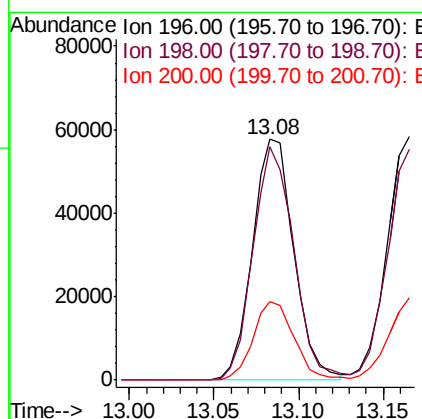
Manual Integrations
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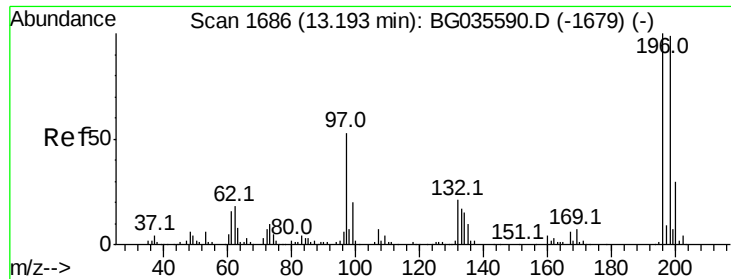
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#42
 2,4,6-Trichlorophenol
 Concen: 52.651 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG036103.D
 Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.2	78.2	117.2	
200	32.8	24.6	36.8	





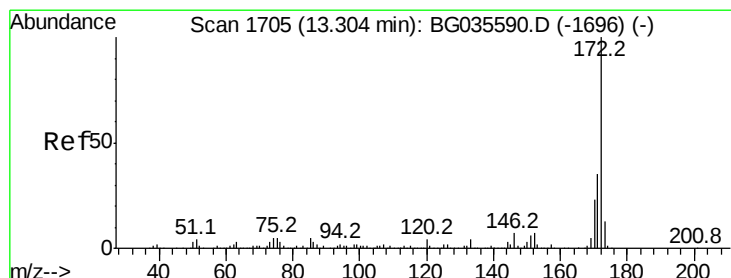
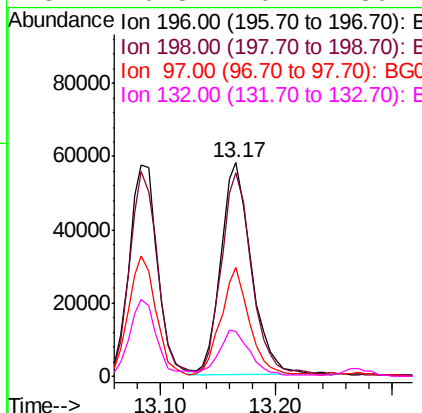
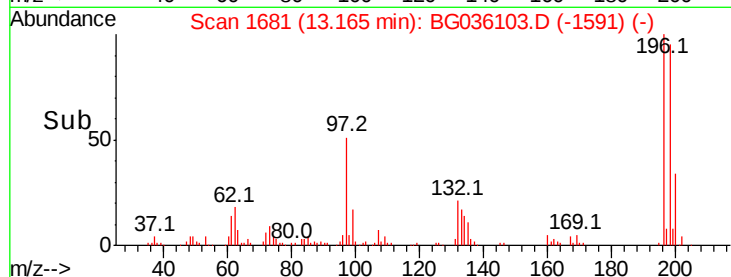
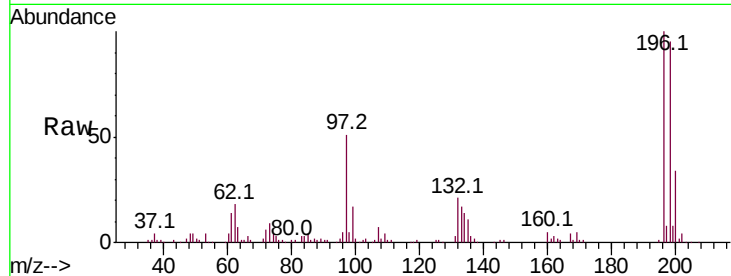
#43
 2,4,5-Trichlorophenol
 Concen: 51.047 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BG036103.D
 Acq: 3 Aug 2018 20:51

Instrument :
 BNA_G
 ClientSampleId :
 ES-RO-276MSD

Tot Ion	196	Resp	106698
Ion Ratio	Lower	Upper	
196	100		
198	95.0	76.2	114.4
97	50.7	38.7	58.1
132	20.8	20.2	30.2

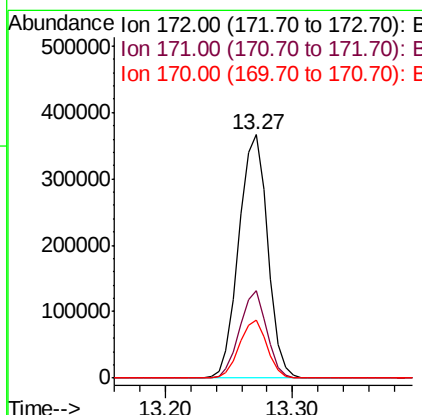
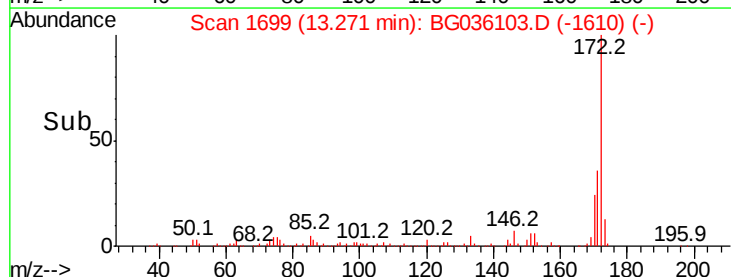
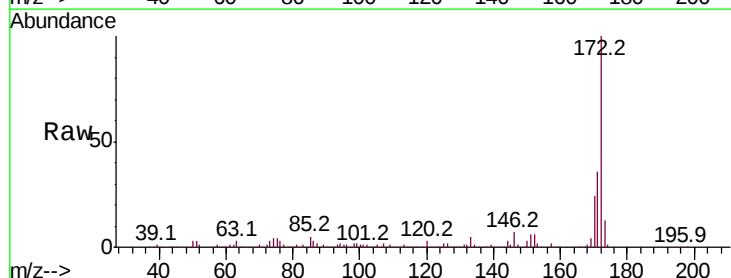
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 91.219 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG036103.D
 Acq: 3 Aug 2018 20:51

Tgt Ion	172	Resp	576347
Ion Ratio	Lower	Upper	
172	100		
171	36.1	30.0	45.0
170	23.6	19.5	29.3





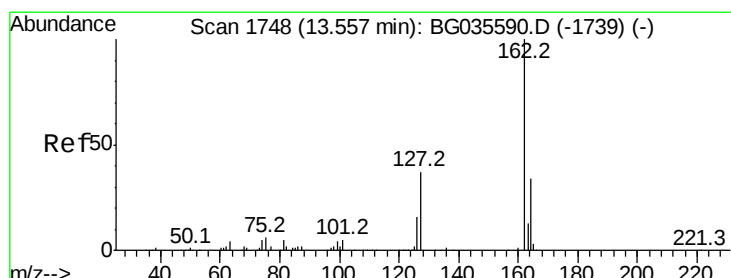
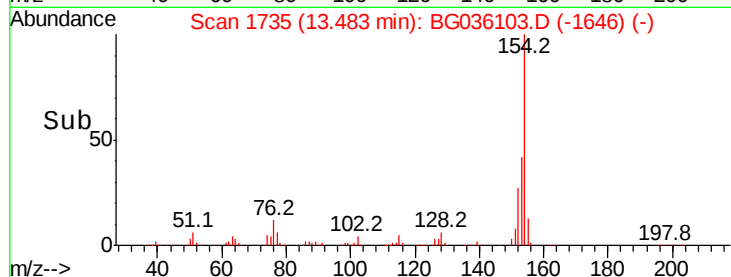
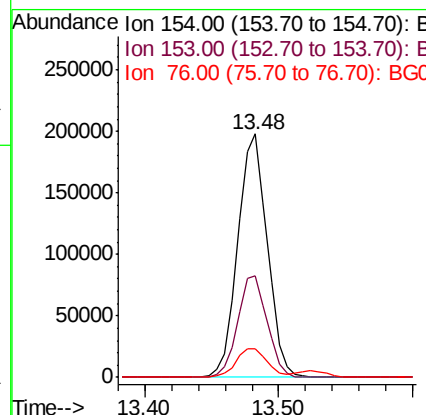
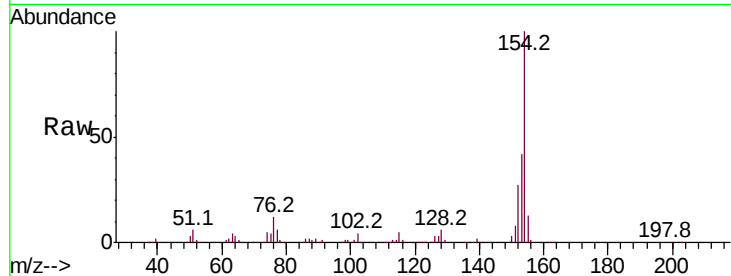
#45
 1,1'-Biphenyl
 Concen: 46.154 ng
 RT: 13.48 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG036103.D
 Acq: 3 Aug 2018 20:51

Instrument :
 BNA_G
 ClientSampleId :
 ES-RO-276MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.8	19.8	59.8	
76	11.6	0.0	31.9	

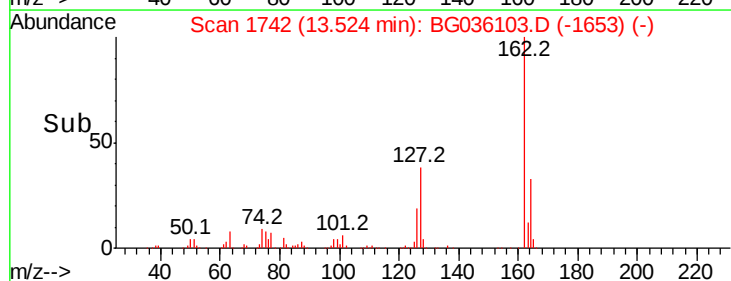
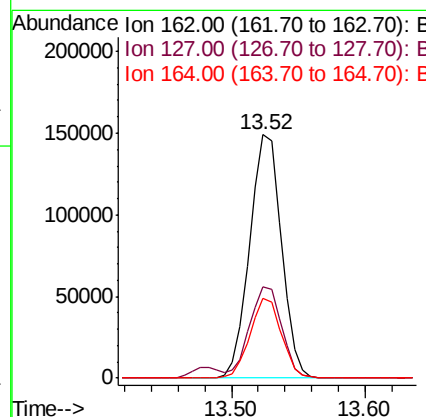
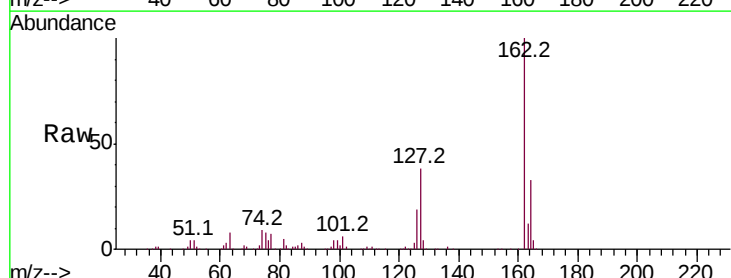
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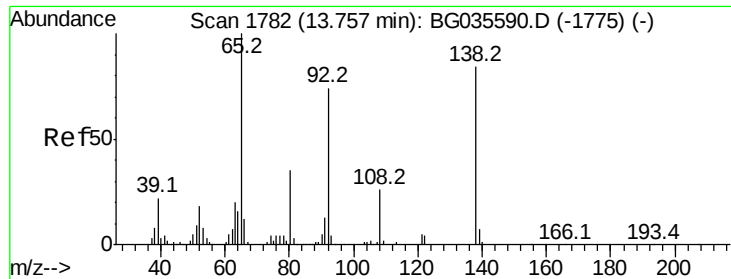
Sohil
 8/6/2018 9:57:44 AM



#46
 2-Chloronaphthalene
 Concen: 47.888 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG036103.D
 Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.7	30.7	46.1	
164	32.6	26.0	39.0	





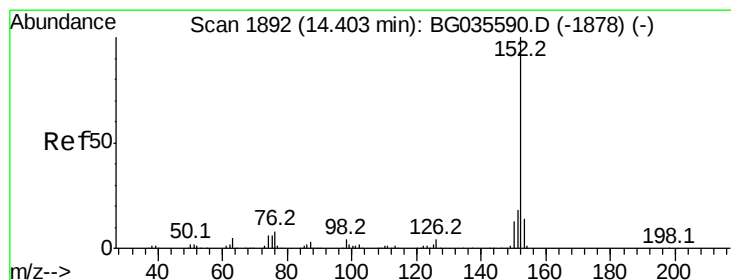
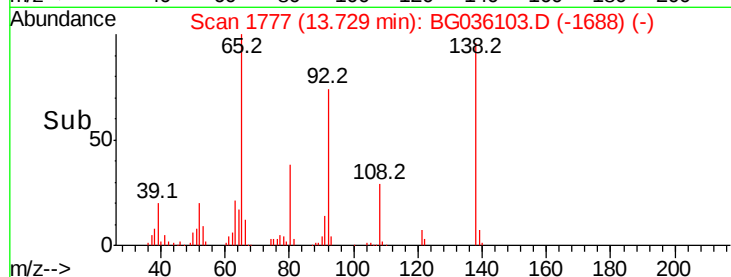
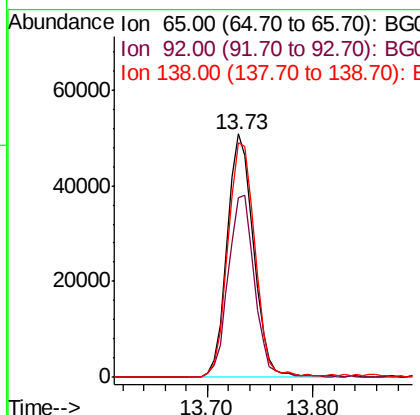
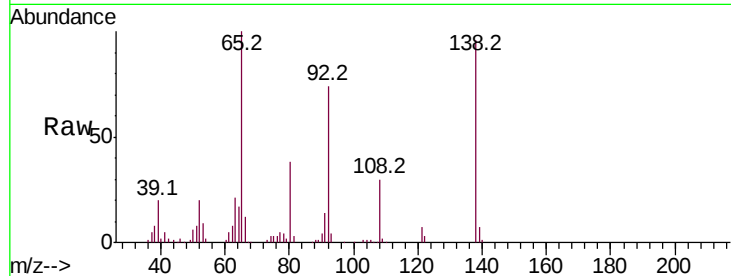
#47
2-Nitroaniline
Concen: 48.712 ng
RT: 13.73 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Instrument :
BNA_G
ClientSampleId :
ES-RO-276MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.9	54.6	82.0
138	96.5	72.9	109.3

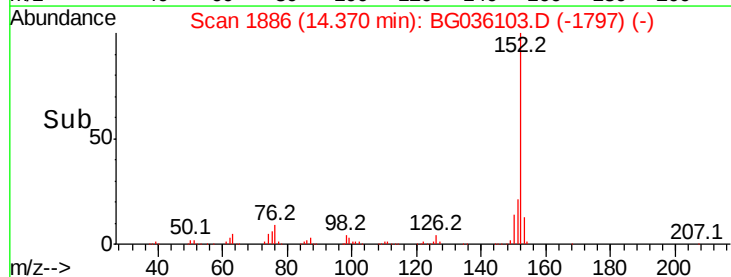
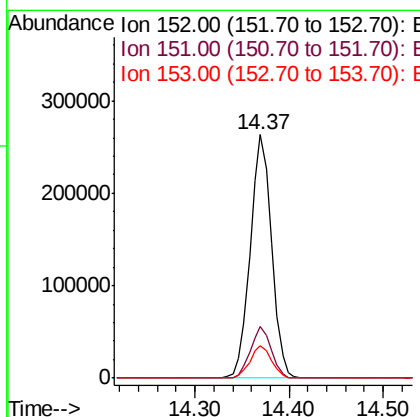
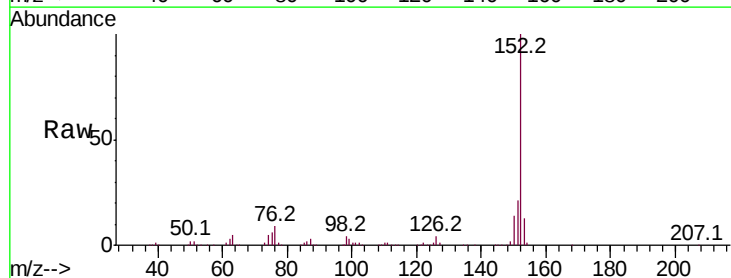
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#48
Acenaphthylene
Concen: 48.319 ng
RT: 14.37 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.2	25.8
153	13.1	10.2	15.4





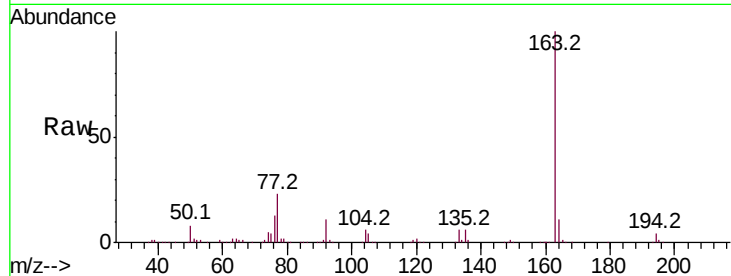
#49
Dimethylphthalate
Concen: 54.107 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Instrument :
BNA_G
ClientSampleId :
ES-RO-276MSD

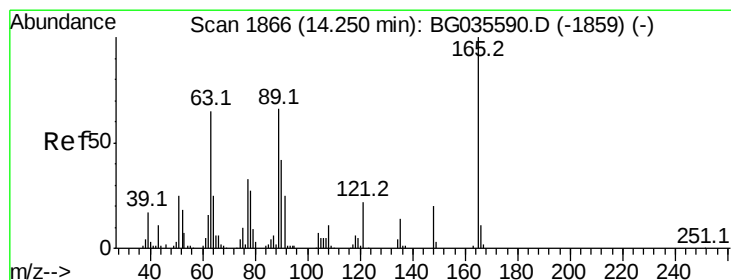
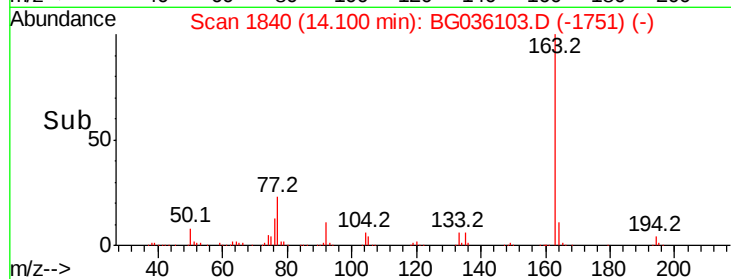
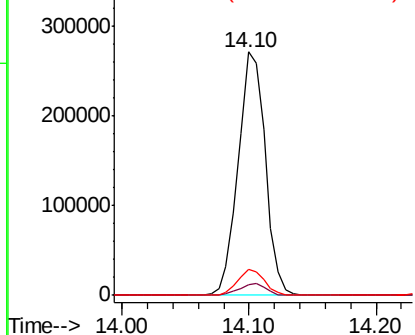
Tot Ion	Ratio	Resp	Lower	Upper
163	100	401288		
194	4.3		3.4	5.2
164	10.9		8.2	12.4

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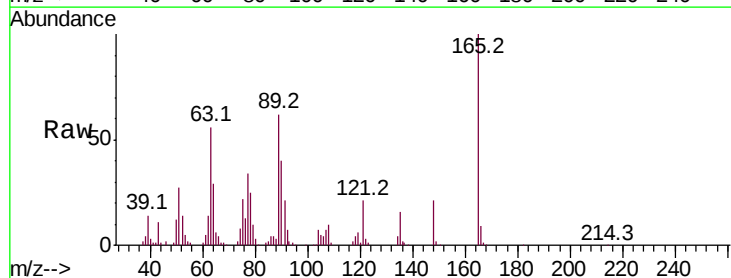


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

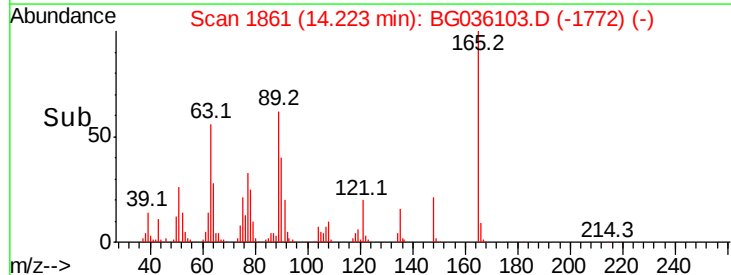
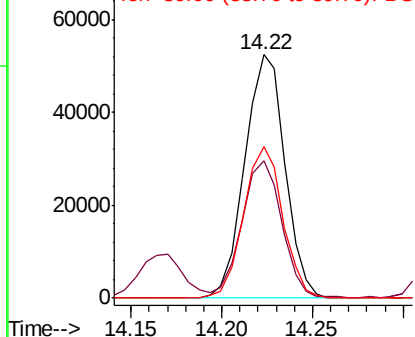


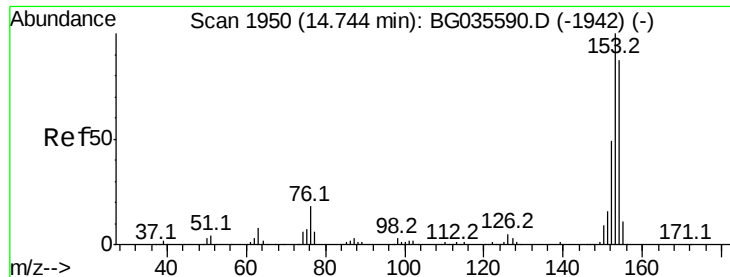
#50
2,6-Dinitrotoluene
Concen: 53.346 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	80567		
63	56.2		52.7	79.1
89	62.1		49.2	73.8



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





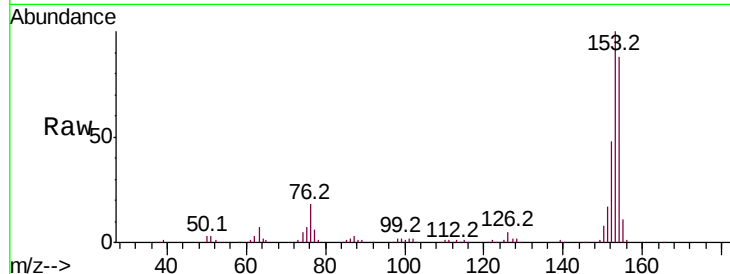
#51
Acenaphthene
Concen: 45.074 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Instrument :
BNA_G
ClientSampleId :
ES-RO-276MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.4	135.6
152	54.7	41.6	62.4

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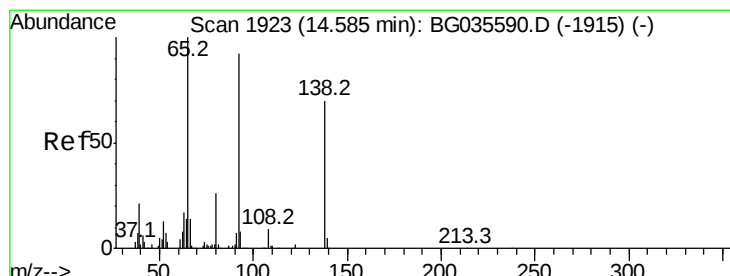
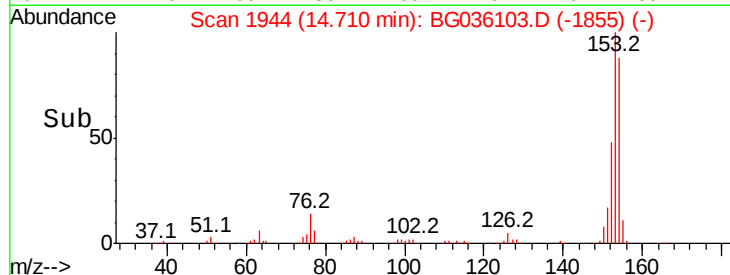
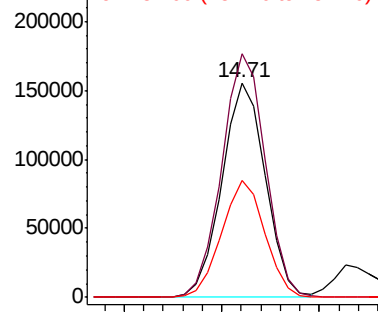


Abundance

Ion 154.00 (153.70 to 154.70): E

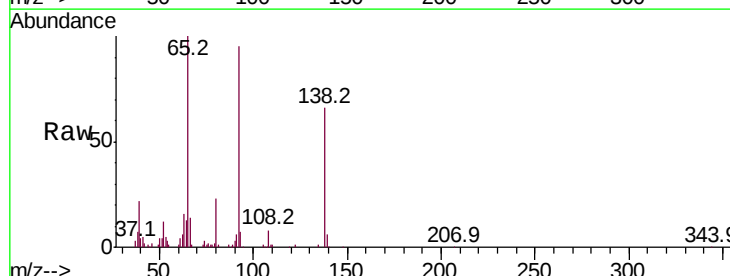
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52
3-Nitroaniline
Concen: 38.843 ng
RT: 14.56 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.4	17.5	26.3#
92	145.0	105.8	158.8

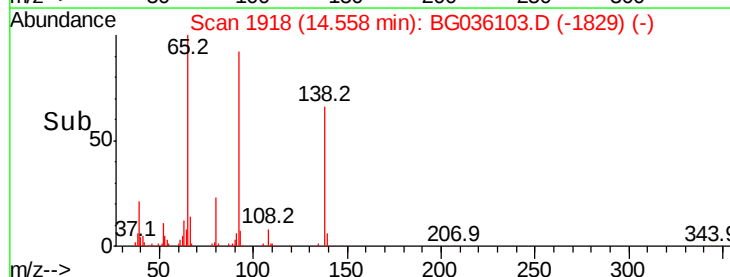
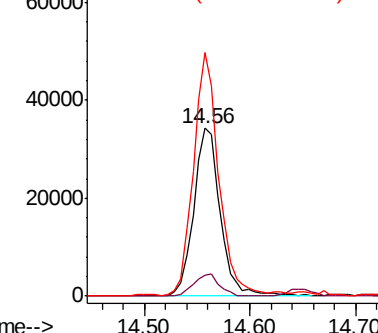


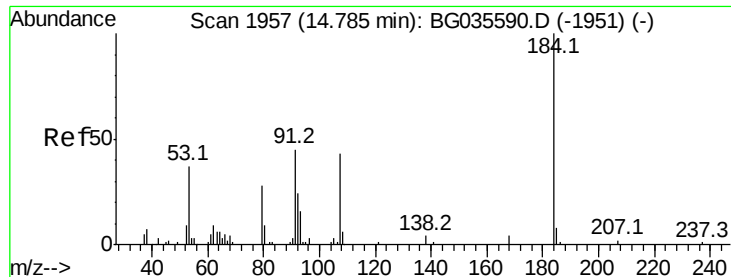
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO





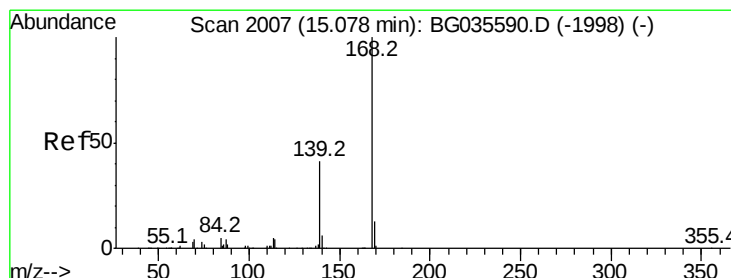
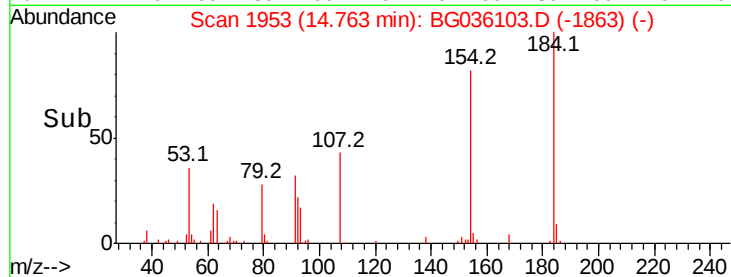
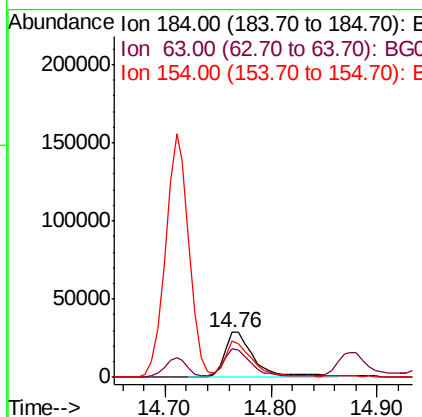
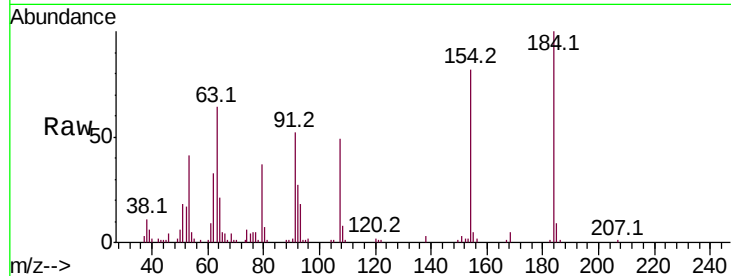
#53
2,4-Dinitrophenol
Concen: 72.985 ng
RT: 14.76 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Instrument :
BNA_G
ClientSampleId :
ES-RO-276MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	63.7	59.8	89.8	
154	81.6	101.8	152.8	

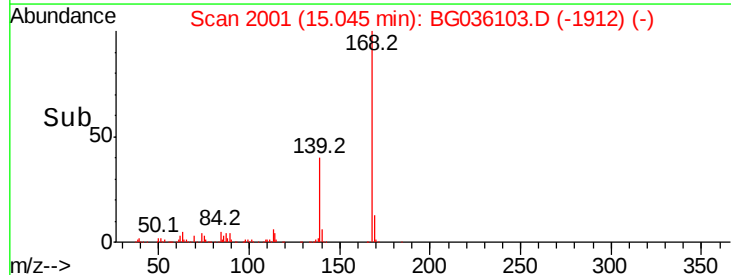
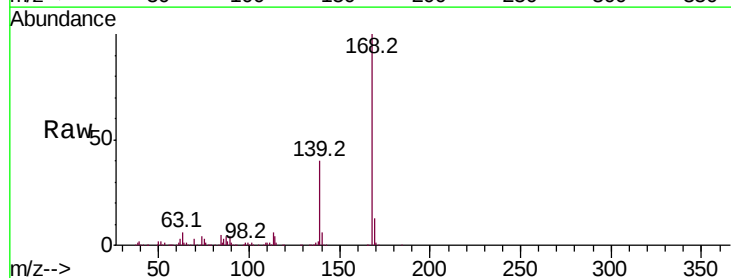
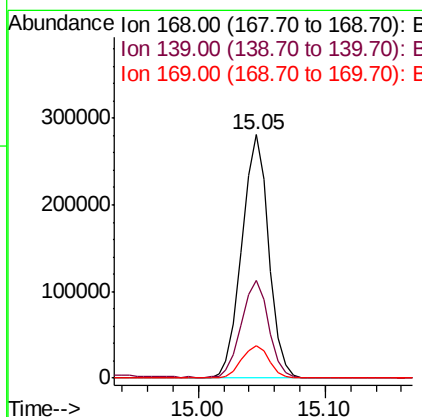
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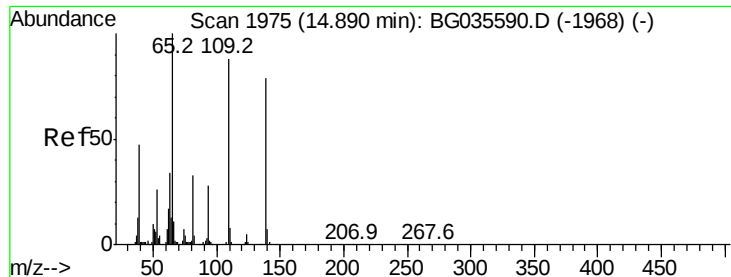
Sohil
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#54
Dibenzofuran
Concen: 48.527 ng
RT: 15.05 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.2	28.6	43.0	
169	13.4	11.2	16.8	





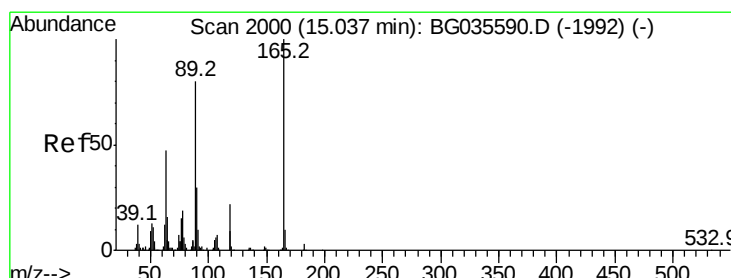
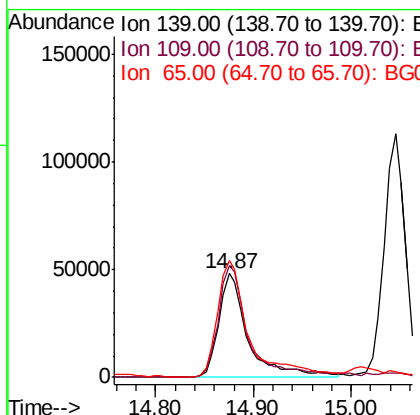
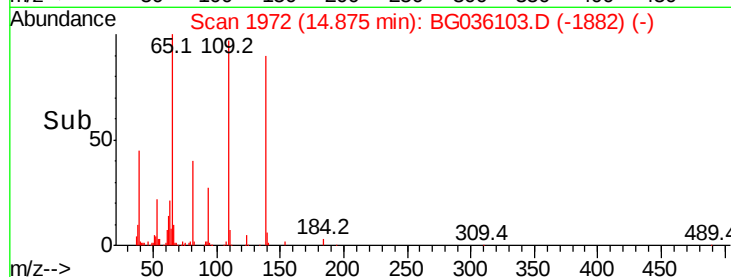
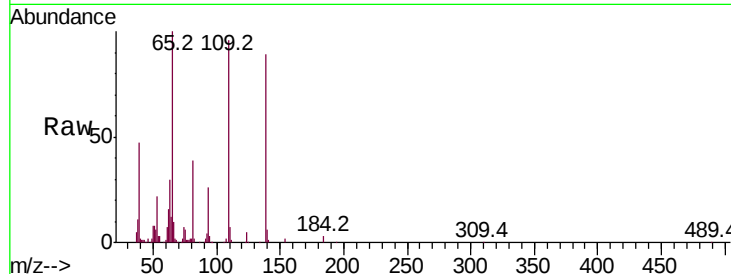
#55
4-Nitrophenol
Concen: 92.051 ng
RT: 14.87 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Instrument :
BNA_G
ClientSampleId :
ES-RO-276MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	107.9	62.2	102.2#	
65	112.4	97.2	137.2	

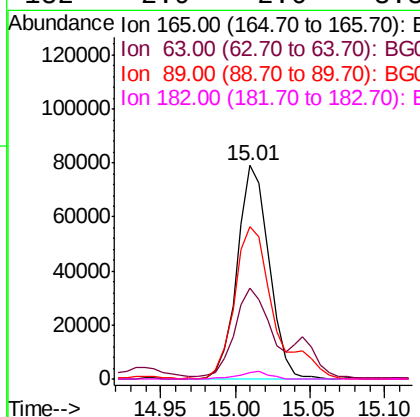
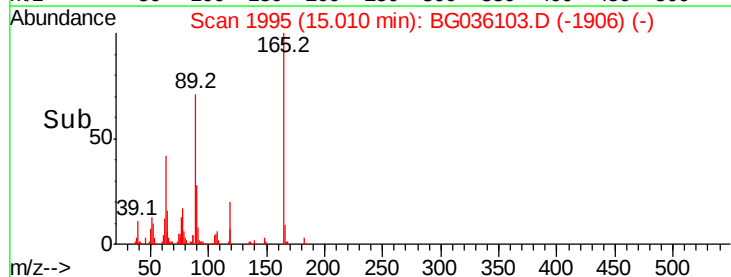
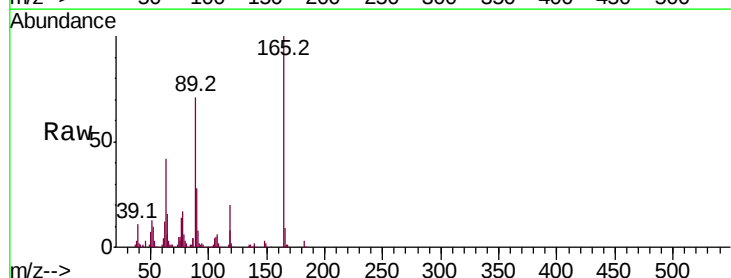
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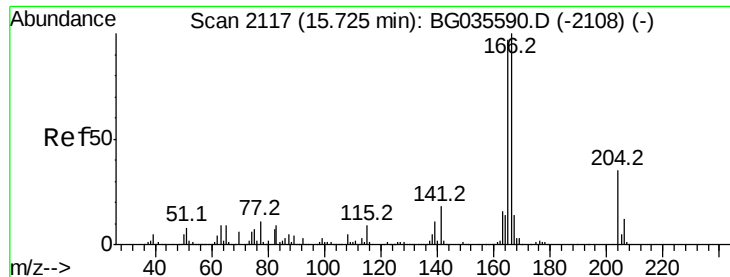
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#56
2,4-Dinitrotoluene
Concen: 54.248 ng
RT: 15.01 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.4	42.0	63.0	
89	71.1	66.9	100.3	
182	2.9	2.6	3.8	





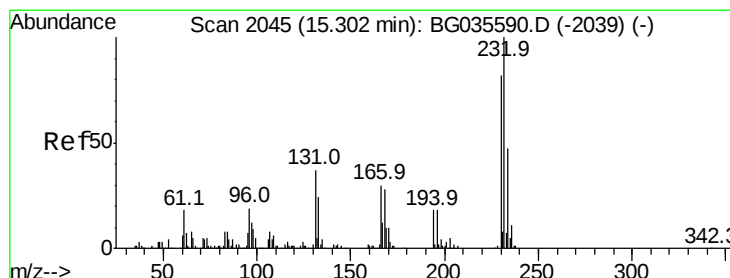
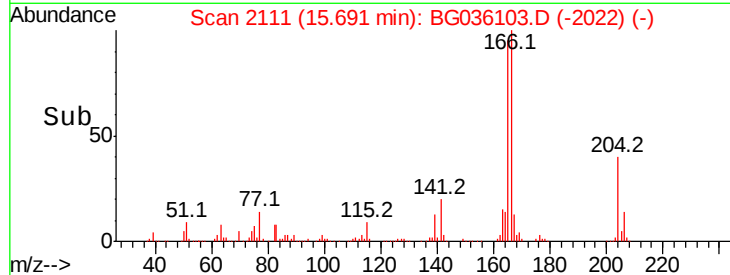
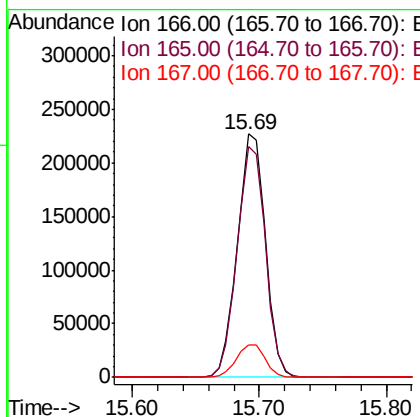
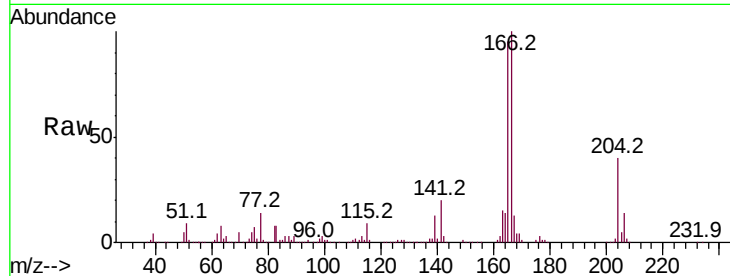
#57
 Fluorene
 Concen: 48.898 ng
 RT: 15.69 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: BG036103.D
 Acq: 3 Aug 2018 20:51

Instrument :
 BNA_G
 ClientSampleId :
 ES-RO-276MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	347194		
165	94.6	80.6	121.0	
167	13.4	10.4	15.6	

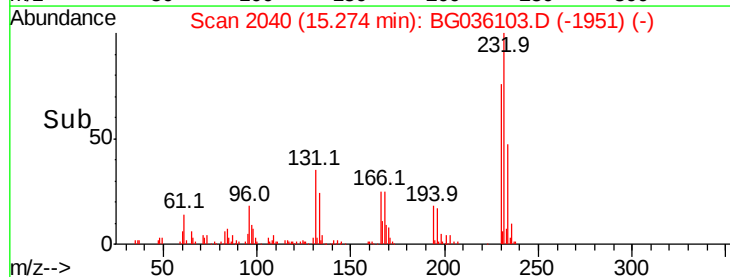
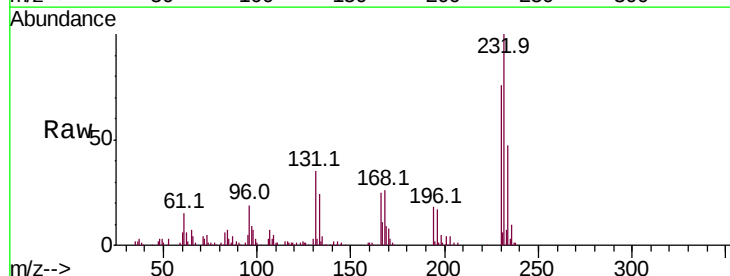
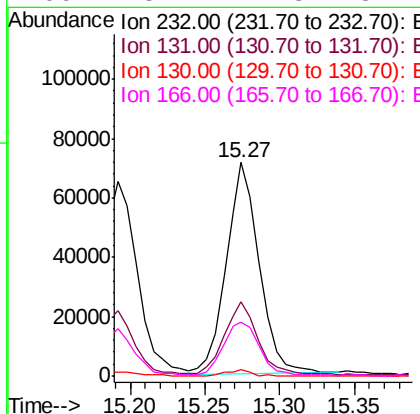
Manual Integrations
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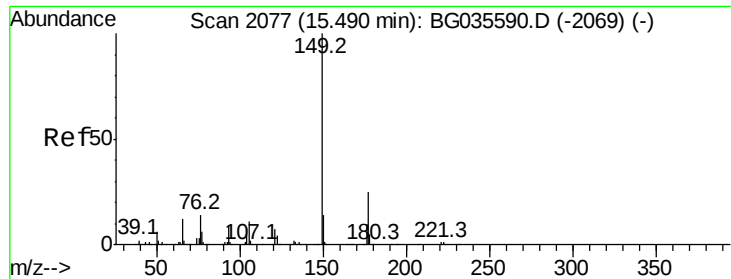
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.702 ng
 RT: 15.27 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG036103.D
 Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	109626		
131	36.8	33.5	50.3	
130	2.3	2.2	3.2	
166	28.2	24.8	37.2	





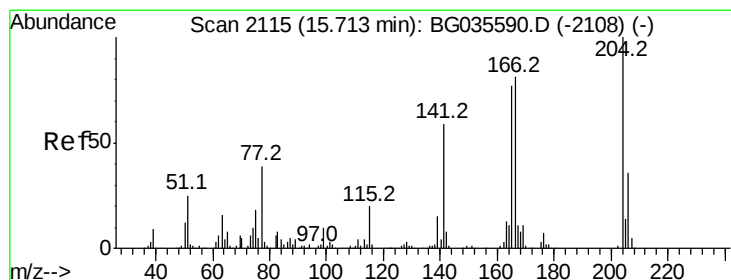
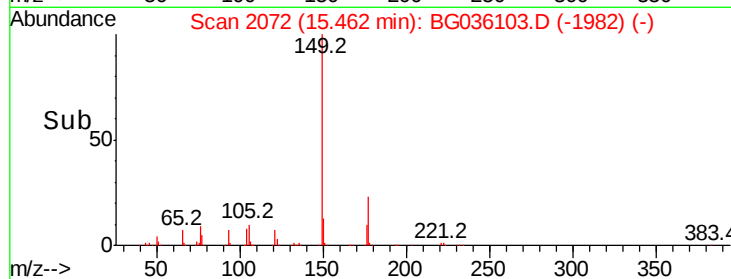
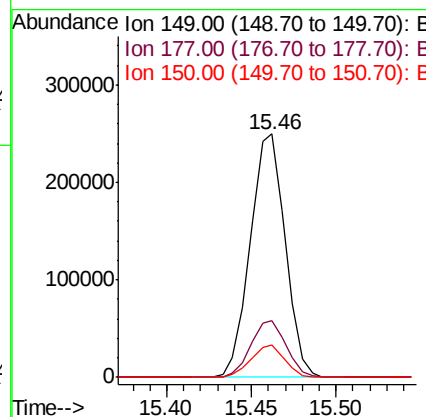
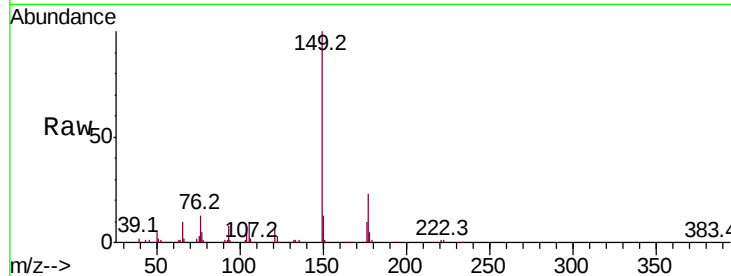
#59
Diethylphthalate
Concen: 47.058 ng
RT: 15.46 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Instrument :
BNA_G
ClientSampleId :
ES-RO-276MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.1	18.5	27.7	
150	13.1	10.2	15.2	

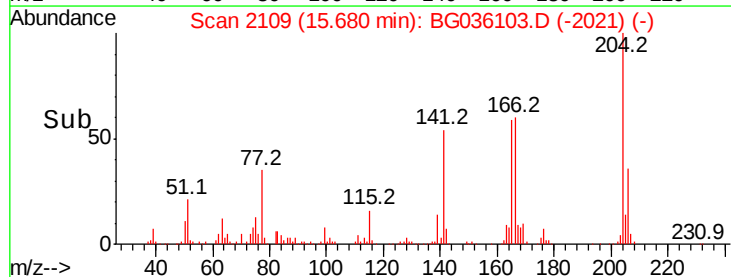
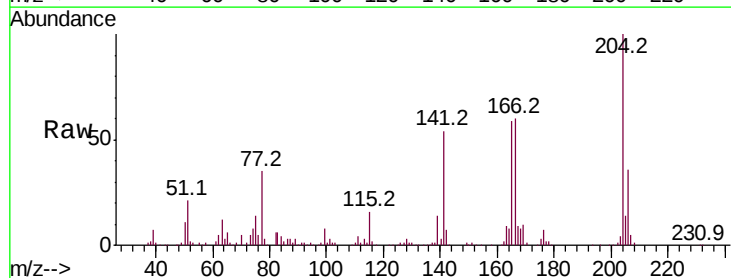
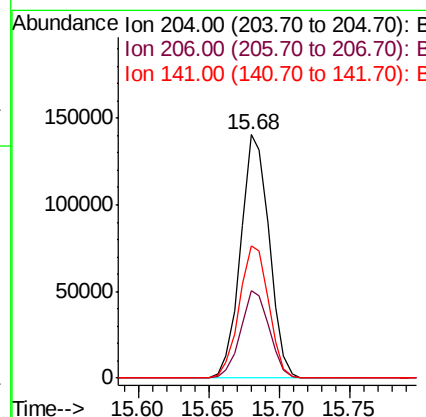
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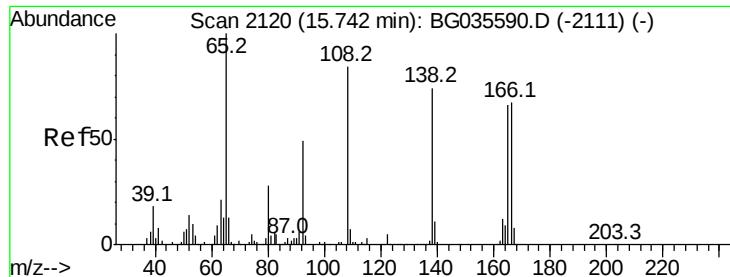
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 47.533 ng
RT: 15.68 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	35.9	26.2	39.2	
141	54.2	45.8	68.6	





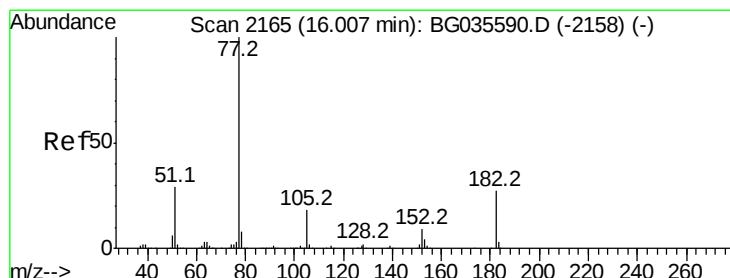
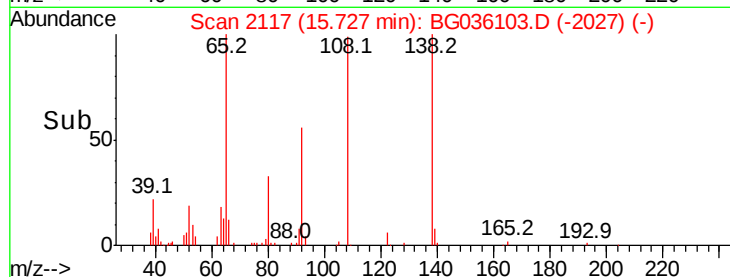
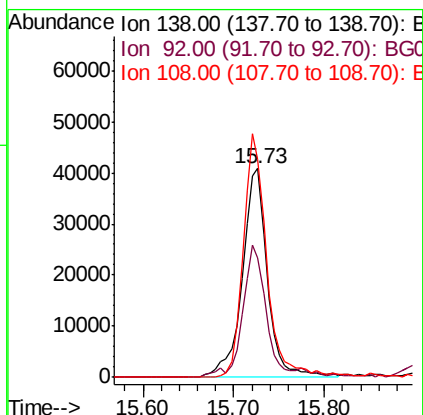
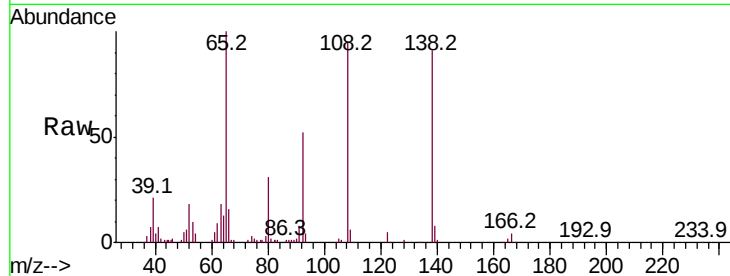
#61
4-Nitroaniline
Concen: 48.694 ng
RT: 15.73 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Instrument :
BNA_G
ClientSampleId :
ES-RO-276MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.1	40.1	80.1
108	104.4	65.4	105.4

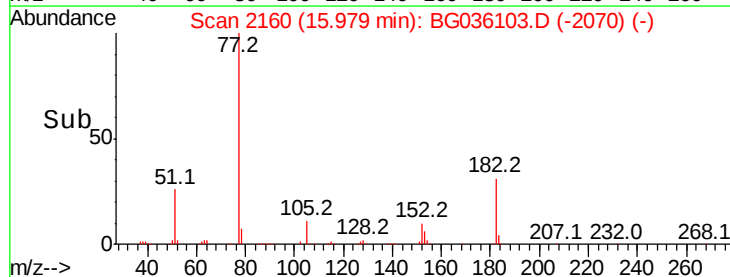
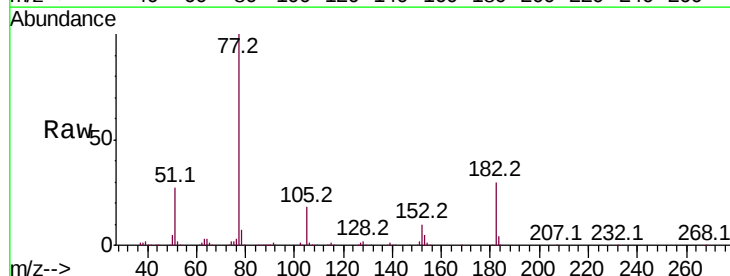
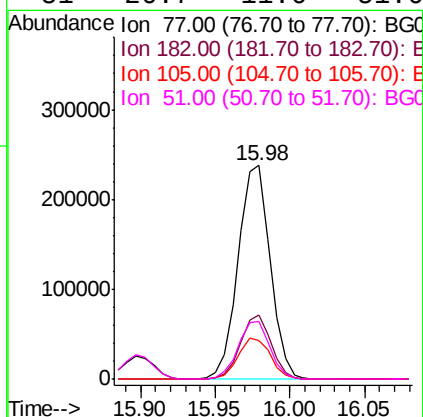
Manual Integrations
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#62
Azobenzene
Concen: 47.220 ng
RT: 15.98 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.0	7.4	47.4
105	18.1	0.3	40.3
51	26.7	11.6	51.6





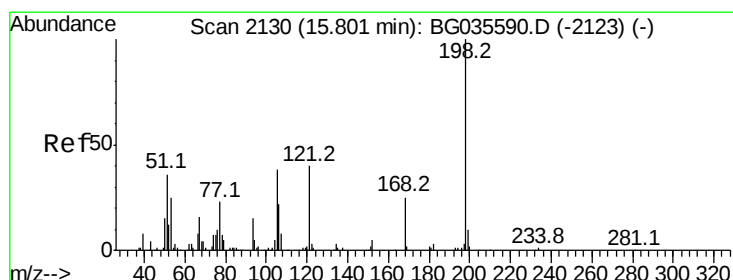
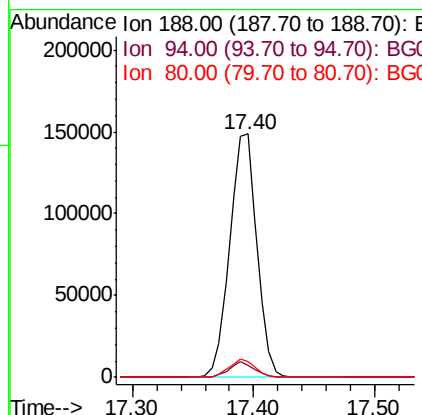
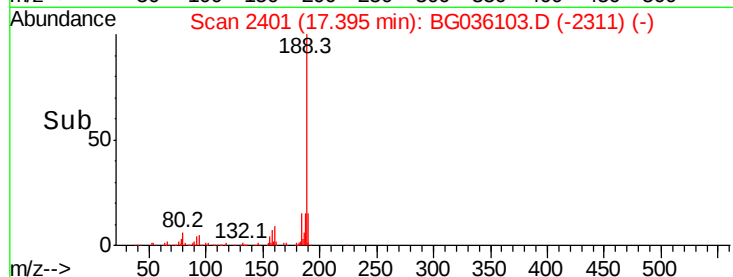
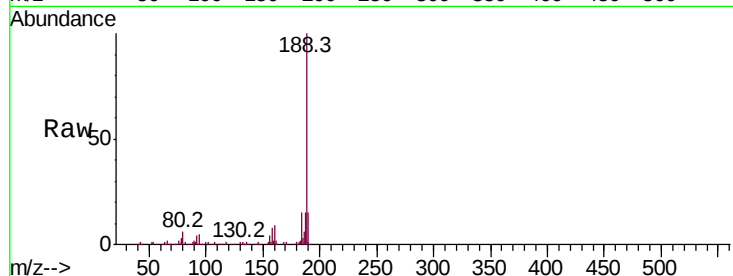
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Instrument :
BNA_G
ClientSampleId :
ES-RO-276MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	5.0	6.9	10.3#
80	6.5	7.7	11.5#

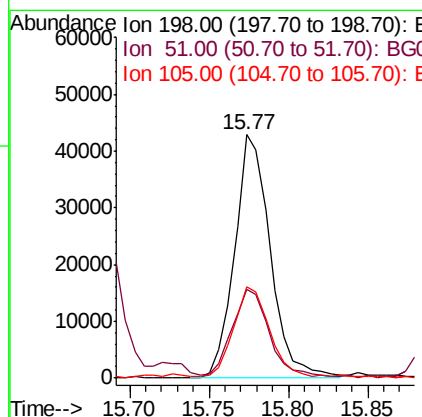
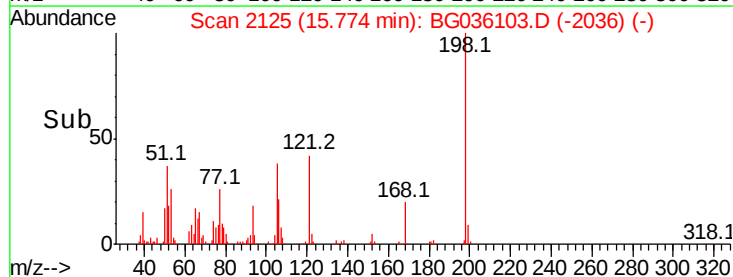
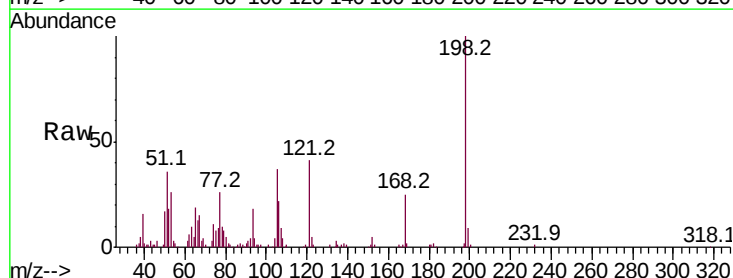
Manual Integrations
APPROVED

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8/6/2018 9:57:44 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 51.773 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	36.4	30.6	70.6
105	37.4	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 47.194 ng

RT: 15.90 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Instrument :

BNA_G

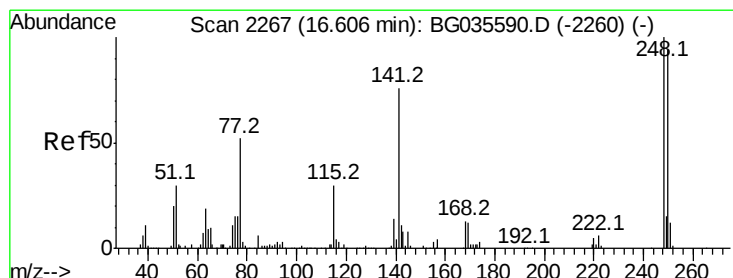
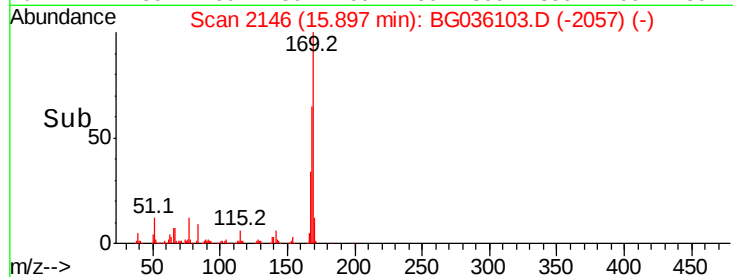
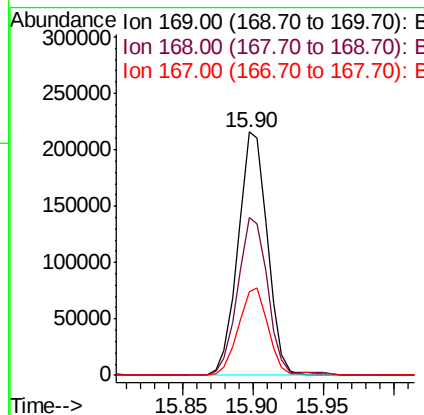
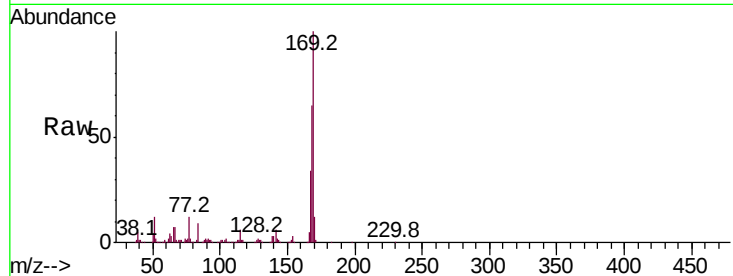
ClientSampleId :

ES-RO-276MSD

Tot Ion:	169	Resp:	312353
Ion Ratio	Lower	Upper	
169	100		
168	65.0	55.7	83.5
167	34.3	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 50.898 ng

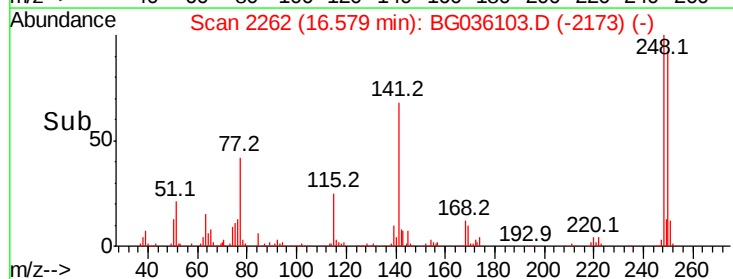
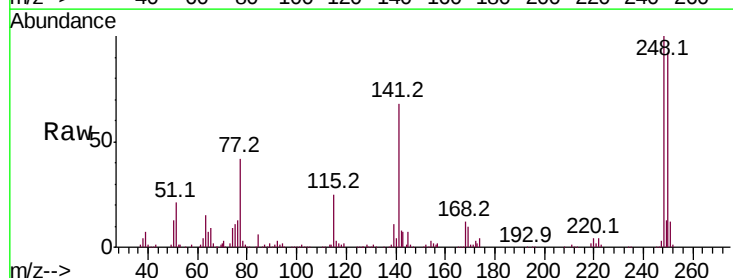
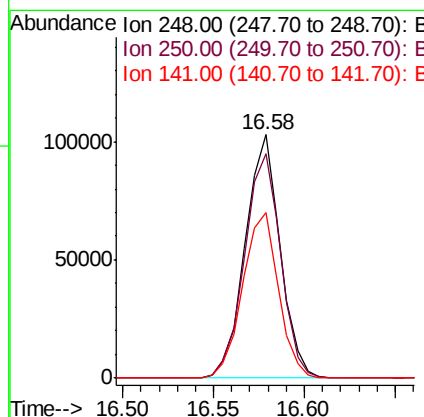
RT: 16.58 min Scan# 2262

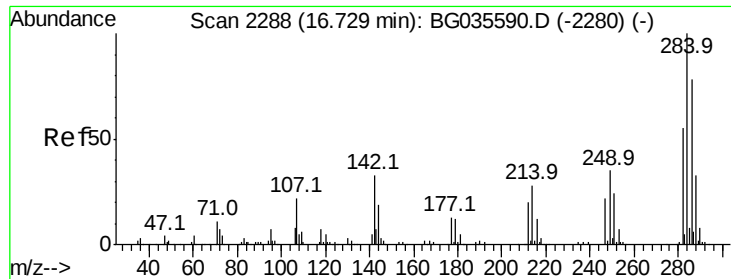
Delta R.T. -0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Tgt Ion:	248	Resp:	137305
Ion Ratio	Lower	Upper	
248	100		
250	92.3	77.1	115.7
141	68.1	50.8	76.2





#67

Hexachlorobenzene

Concen: 50.681 ng

RT: 16.70 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Instrument :

BNA_G

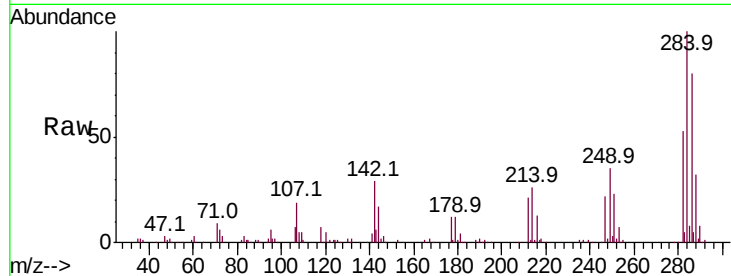
ClientSampleId :

ES-RO-276MSD

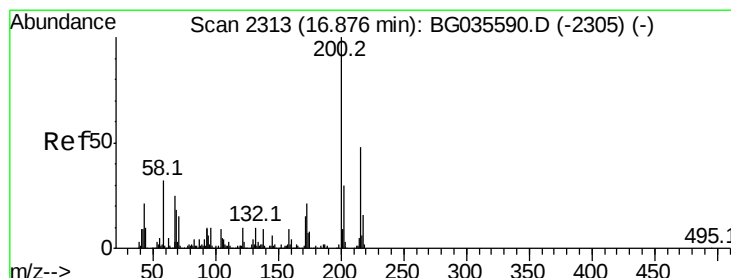
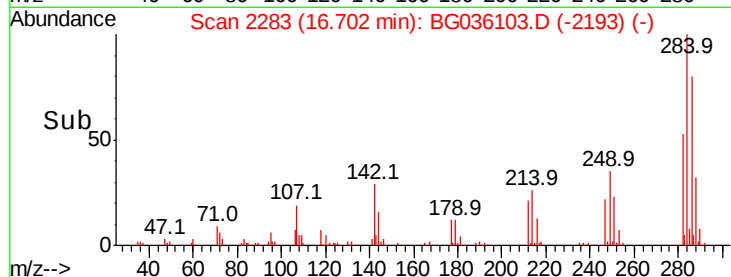
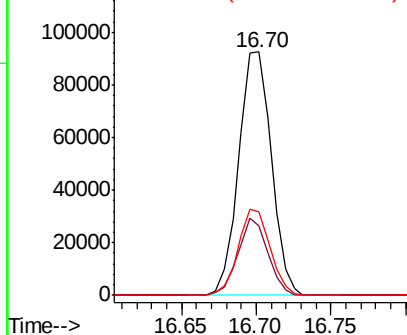
Tot Ion:	284	Resp:	140795
Ion Ratio	Lower	Upper	
284	100		
142	28.7	26.8	40.2
249	34.6	26.3	39.5

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



#68

Atrazine

Concen: 52.148 ng

RT: 16.85 min Scan# 2308

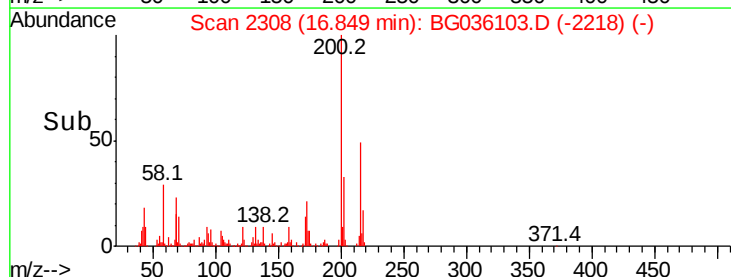
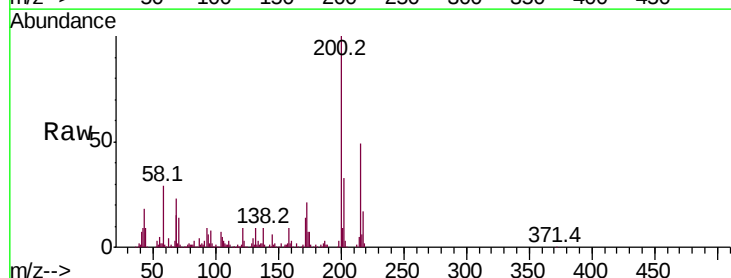
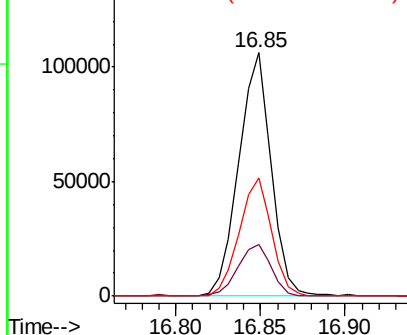
Delta R.T. 0.00 min

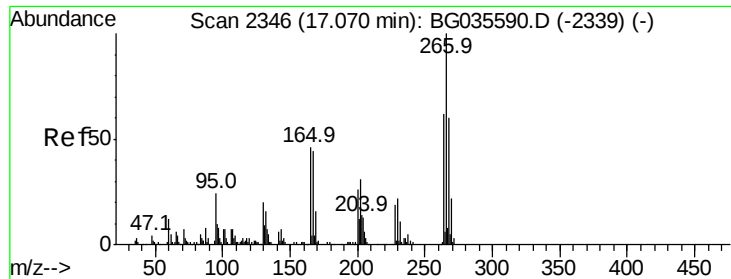
Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Tgt Ion:	200	Resp:	142105
Ion Ratio	Lower	Upper	
200	100		
173	21.2	5.2	45.2
215	48.7	30.4	70.4

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





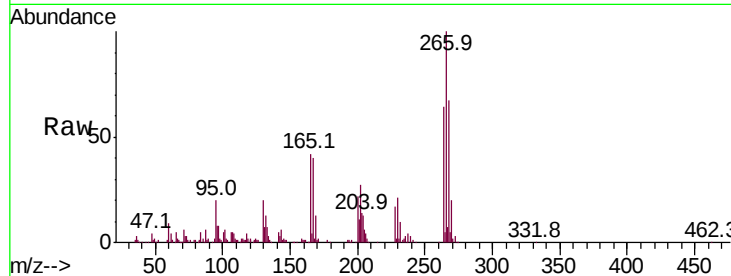
#69
 Pentachlorophenol
 Concen: 75.187 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: BG036103.D
 Acq: 3 Aug 2018 20:51

Instrument :
 BNA_G
 ClientSampleId :
 ES-RO-276MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	127225		
268	67.3		51.1	76.7
264	63.7		49.6	74.4

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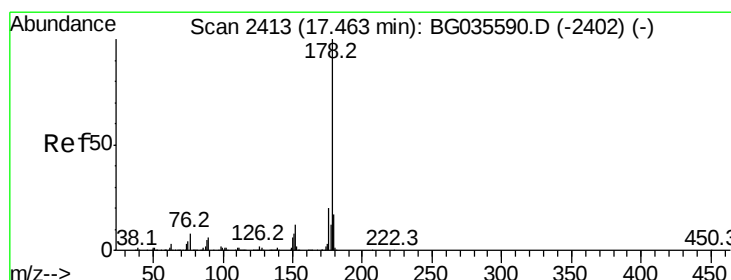
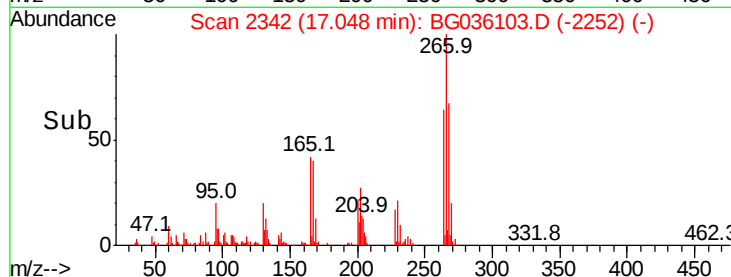
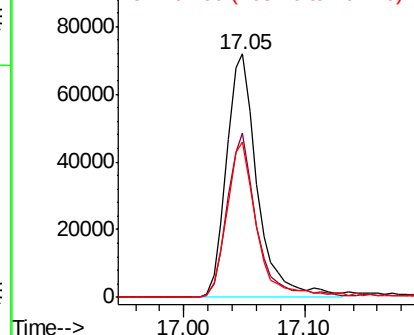


Abundance

Ion 265.70 (265.40 to 266.40): E

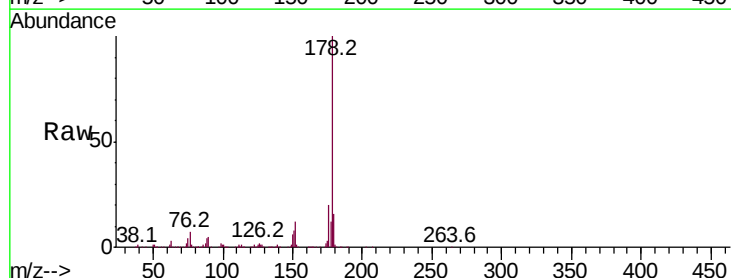
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 48.578 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. -0.00 min
 Lab File: BG036103.D
 Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	563631		
176	19.9		15.7	23.5
179	16.3		12.5	18.7

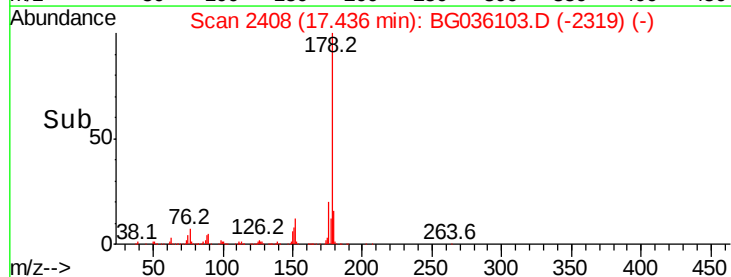
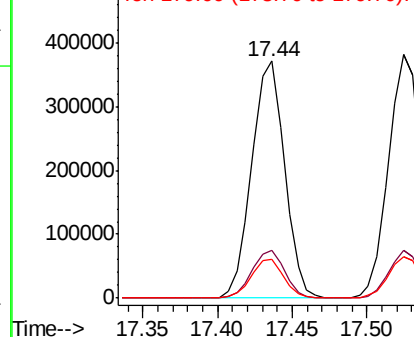


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





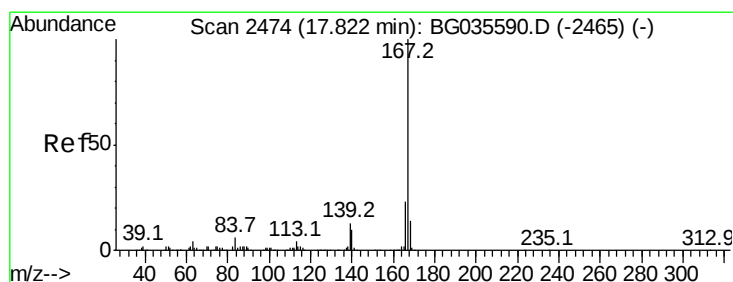
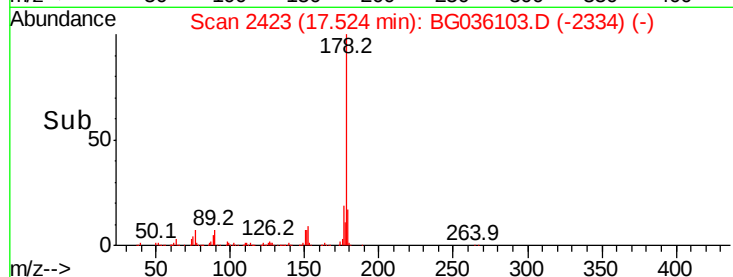
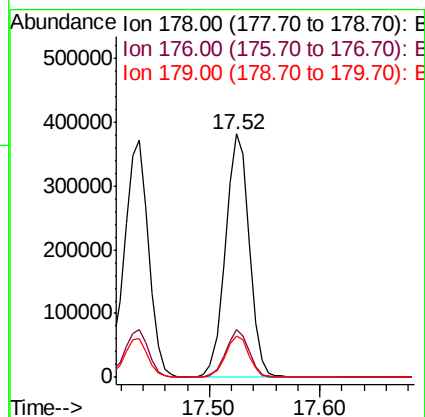
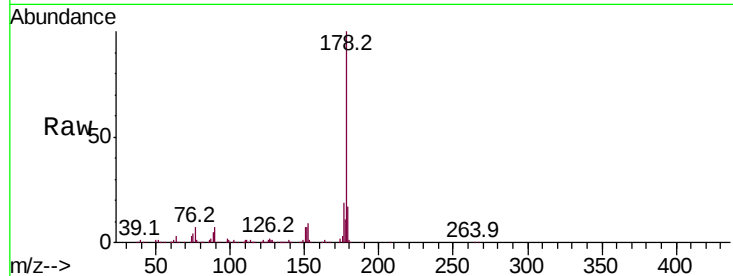
#71
 Anthracene
 Concen: 49.763 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.00 min
 Lab File: BG036103.D
 Acq: 3 Aug 2018 20:51

Instrument :
 BNA_G
 ClientSampleId :
 ES-RO-276MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	17.2	12.5	18.7

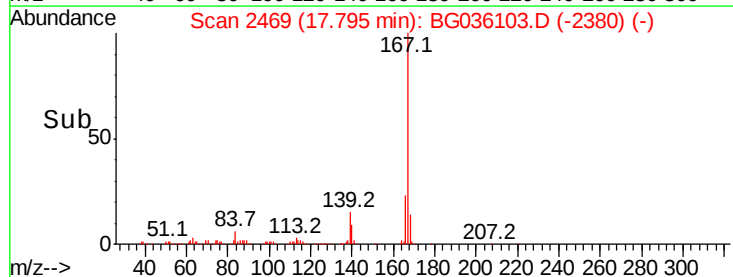
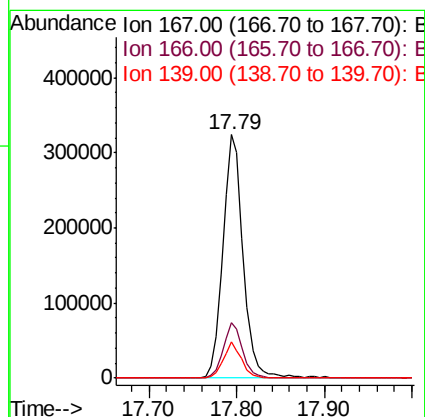
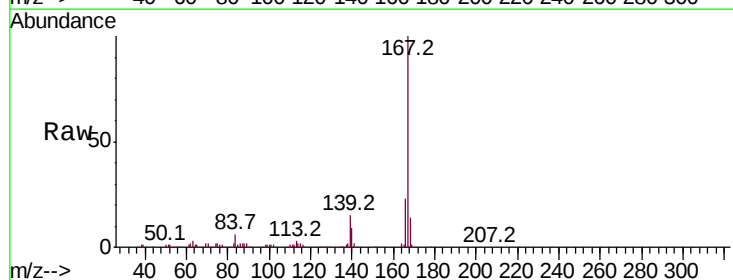
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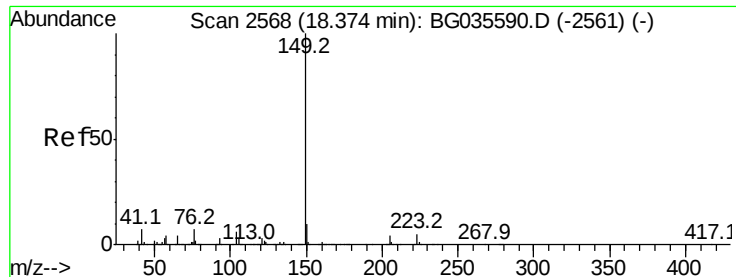
Sohil
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#72
 Carbazole
 Concen: 47.012 ng
 RT: 17.79 min Scan# 2469
 Delta R.T. -0.00 min
 Lab File: BG036103.D
 Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	14.8	9.4	14.2#





#73

Di-n-butylphthalate

Concen: 45.813 ng

RT: 18.35 min Scan# 2563

Delta R.T. -0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Instrument :

BNA_G

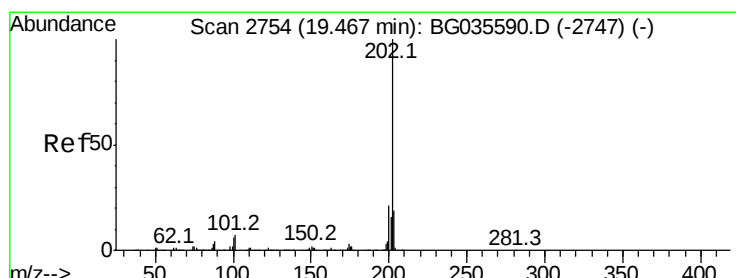
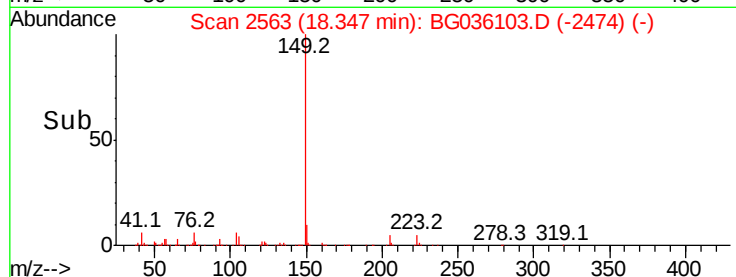
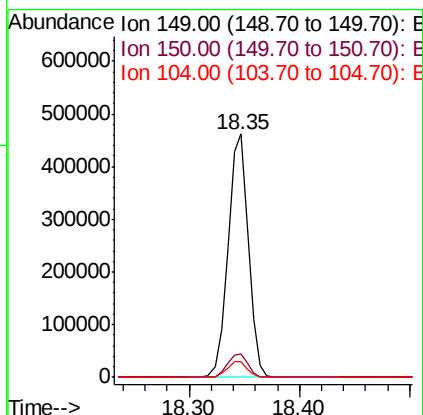
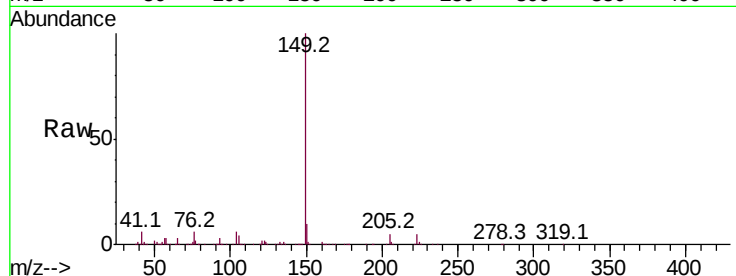
ClientSampleId :

ES-RO-276MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.9	7.8	11.6	
104	6.4	3.9	5.9	

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#74

Fluoranthene

Concen: 46.349 ng

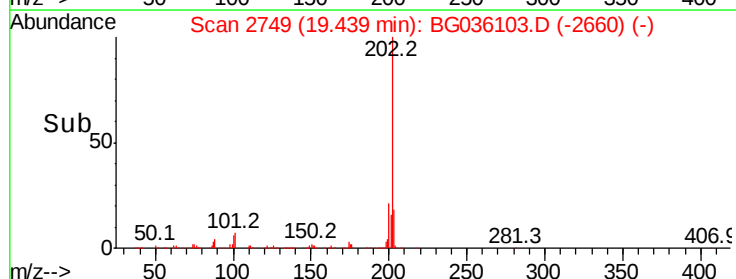
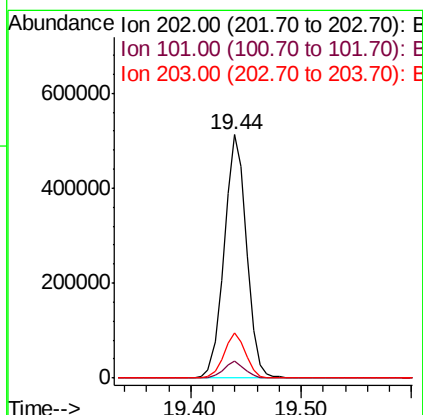
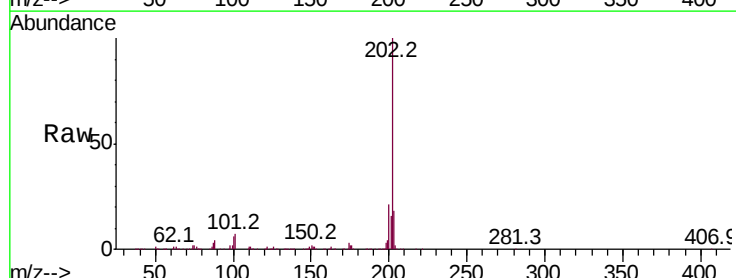
RT: 19.44 min Scan# 2749

Delta R.T. -0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	6.9	0.0	28.9	
203	18.5	0.0	37.5	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Instrument :

BNA_G

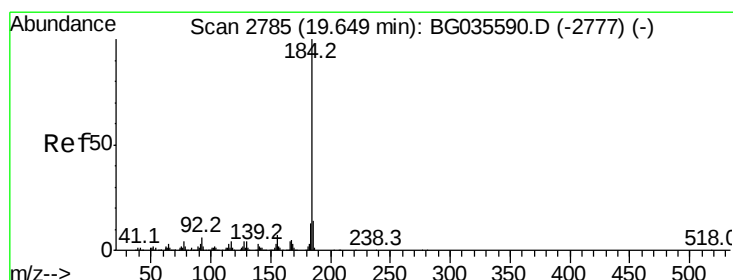
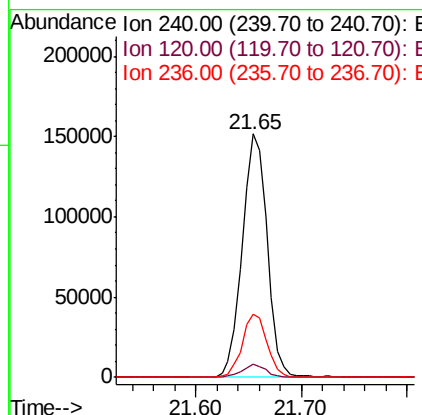
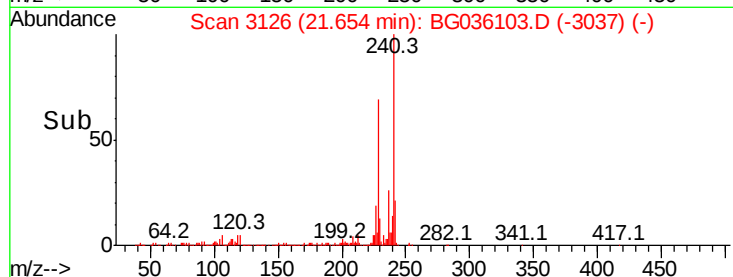
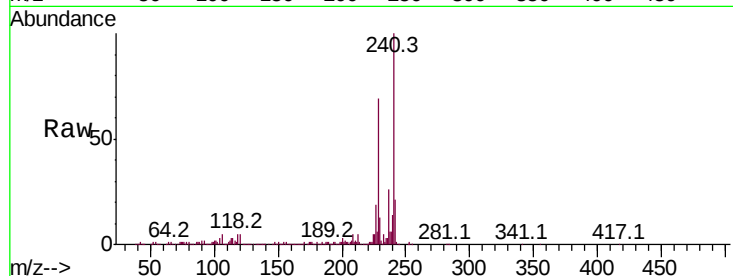
ClientSampleId :

ES-RO-276MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	247337		
120	5.3	6.8	10.2#	
236	25.9	20.9	31.3	

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#76

Benzidine

Concen: 11.869 ng

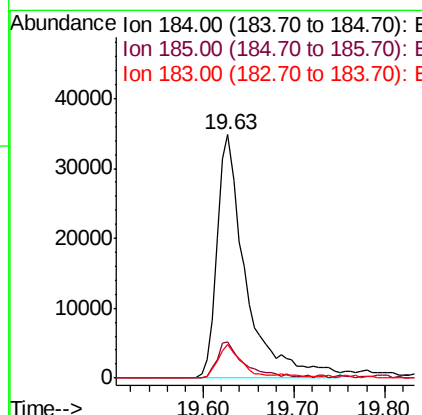
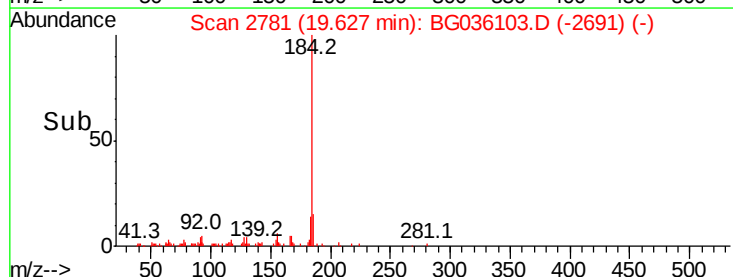
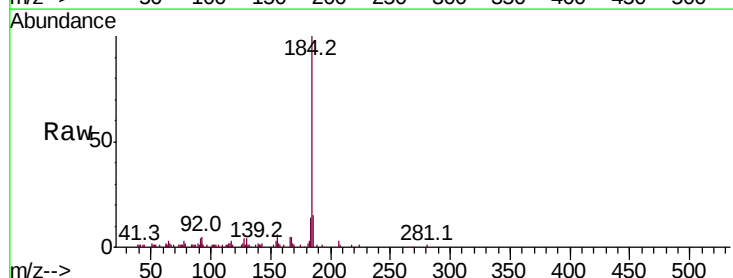
RT: 19.63 min Scan# 2781

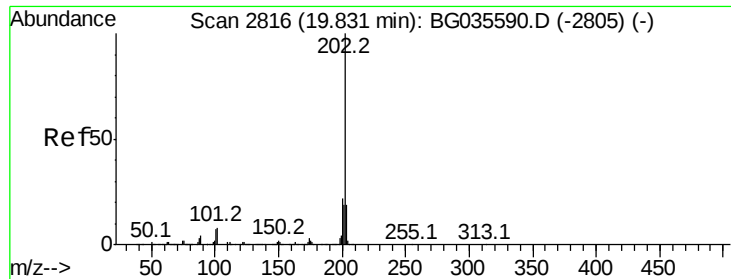
Delta R.T. 0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	77177		
185	14.9	11.1	16.7	
183	13.9	10.6	16.0	





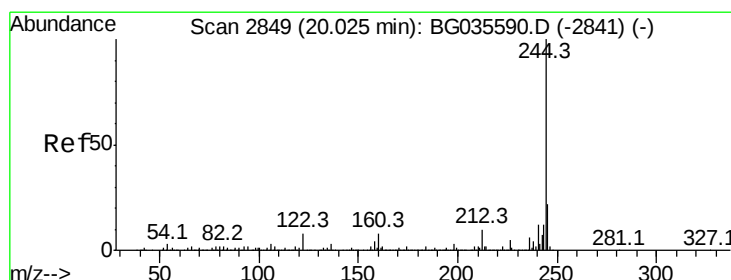
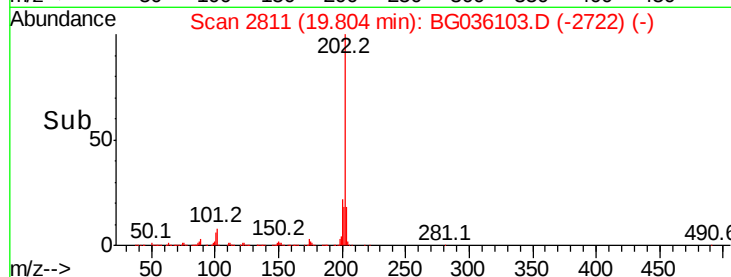
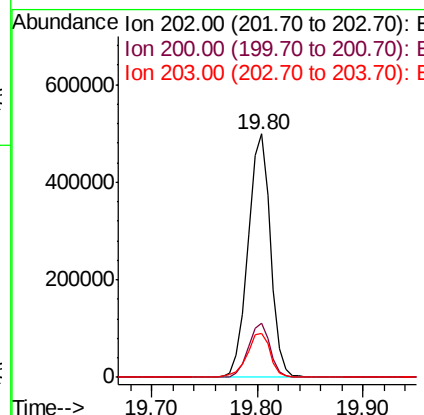
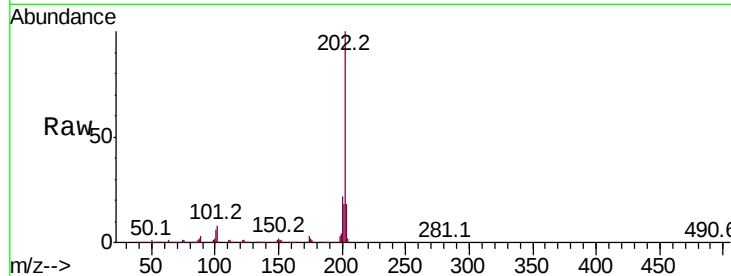
#77
Pvrene
Concen: 46.770 ng
RT: 19.80 min Scan# 2811
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Instrument :
BNA_G
ClientSampleId :
ES-RO-276MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.0	16.9	25.3
203	18.3	13.9	20.9

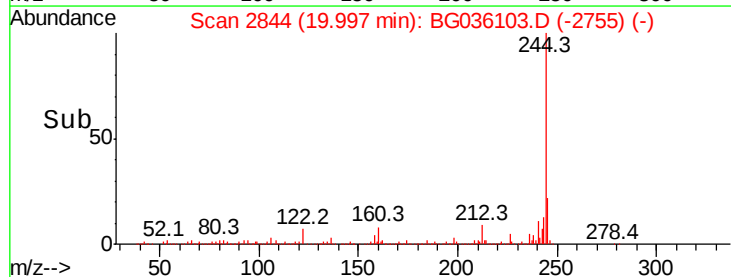
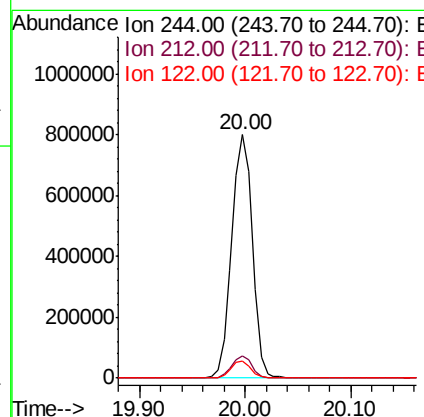
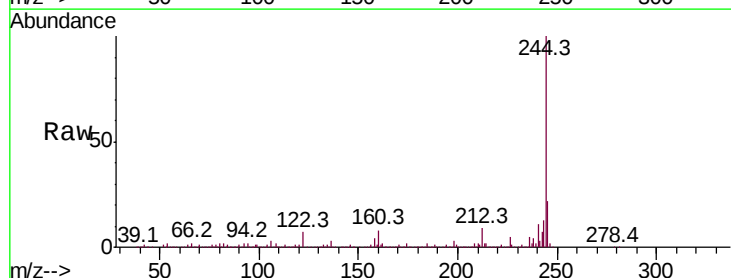
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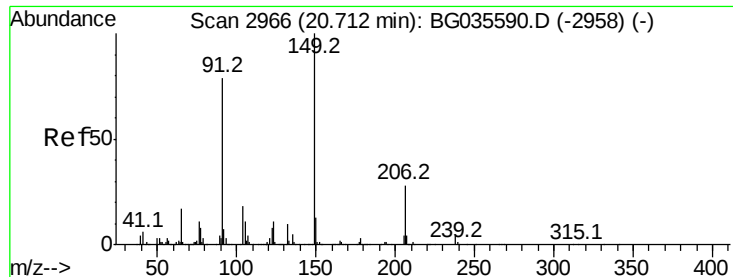
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#78
Terphenyl-d14
Concen: 95.982 ng
RT: 20.00 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	6.8	7.0	10.4#





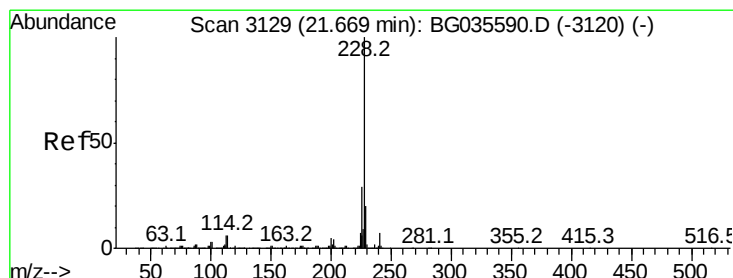
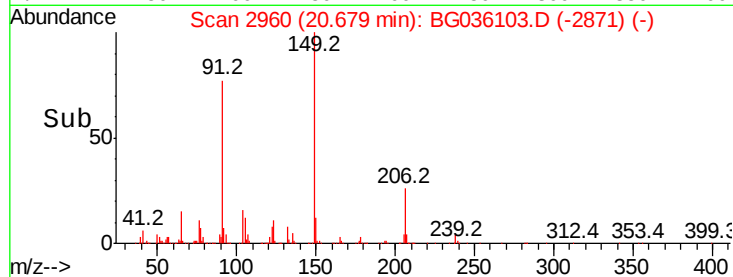
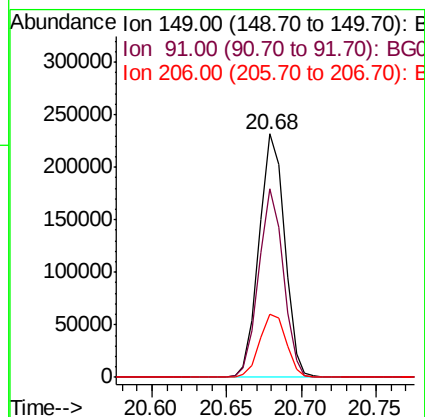
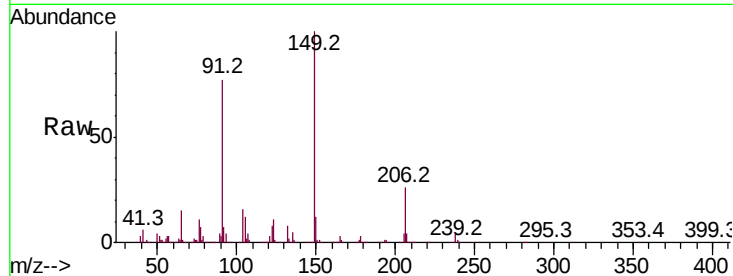
#79
Butylbenzylphthalate
Concen: 48.890 ng
RT: 20.68 min Scan# 2960
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Instrument :
BNA_G
ClientSampleId :
ES-RO-276MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	273427		
91	77.5	62.2	93.2	
206	25.7	18.6	27.8	

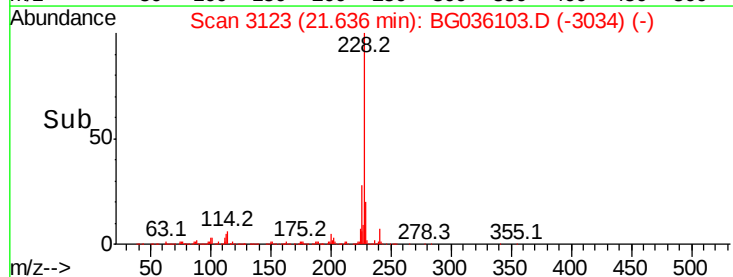
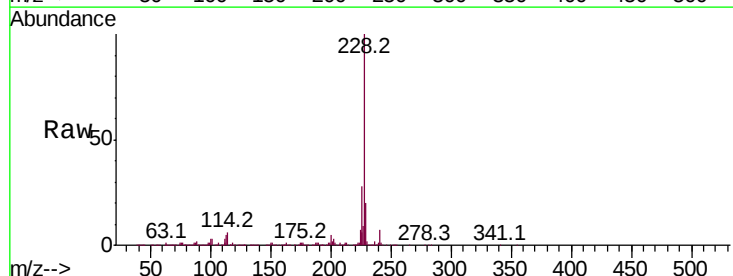
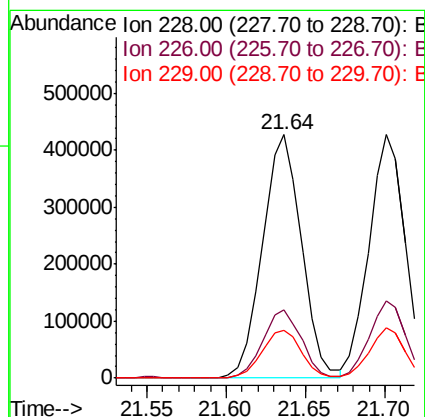
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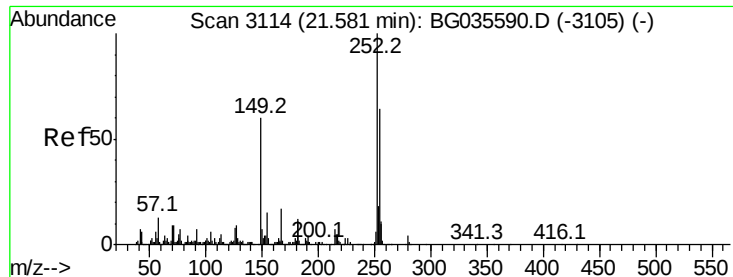
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#80
Benzo(a)anthracene
Concen: 47.455 ng
RT: 21.64 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BG036103.D
Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	731446		
226	28.1	22.7	34.1	
229	19.8	16.2	24.2	





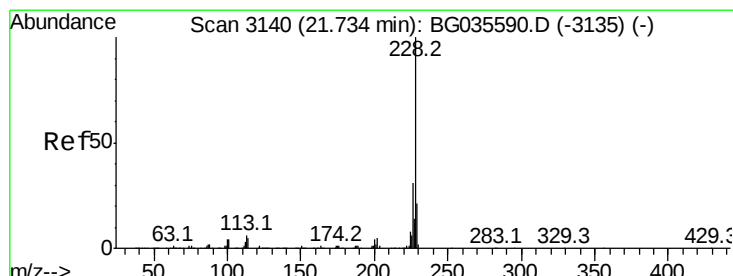
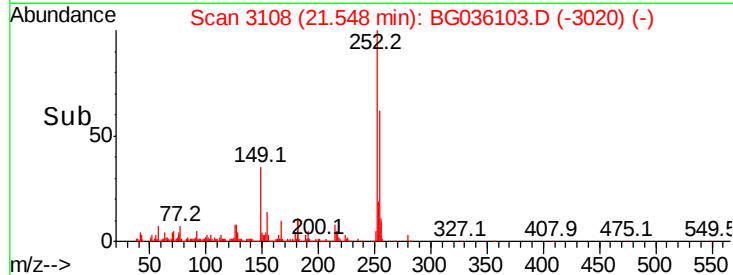
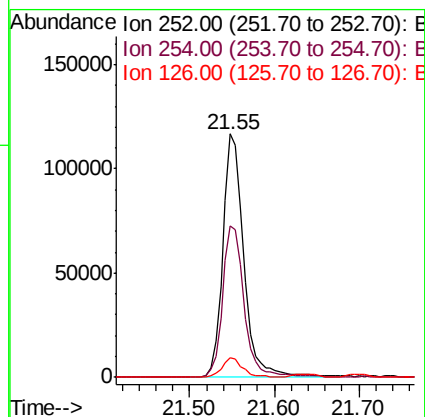
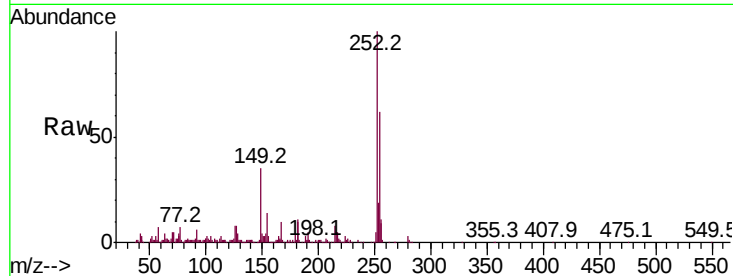
#81
 3,3'-Dichlorobenzidine
 Concen: 37.558 ng
 RT: 21.55 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BG036103.D
 Acq: 3 Aug 2018 20:51

Instrument :
 BNA_G
 ClientSampleId :
 ES-RO-276MSD

Tot Ion:	252	Resp:	201849
Ion Ratio	Lower	Upper	
252	100		
254	62.0	50.8	76.2
126	7.9	7.4	11.2

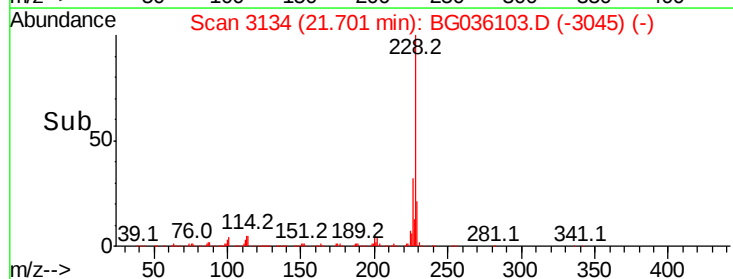
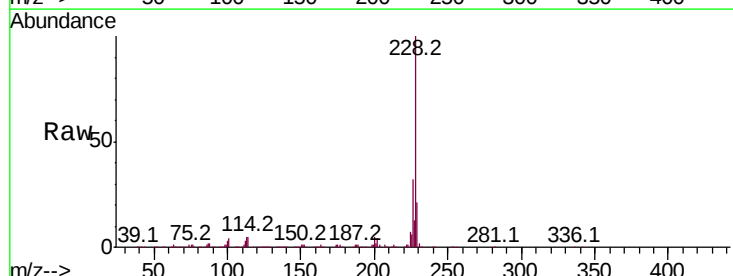
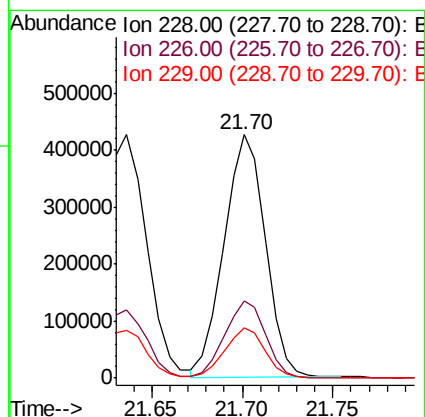
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#82
 Chrysene
 Concen: 47.249 ng
 RT: 21.70 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: BG036103.D
 Acq: 3 Aug 2018 20:51

Tgt Ion:	228	Resp:	674862
Ion Ratio	Lower	Upper	
228	100		
226	31.8	24.9	37.3
229	20.9	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.747 ng

RT: 21.53 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Instrument :

BNA_G

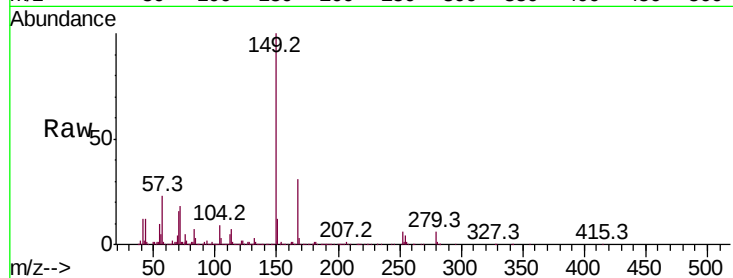
ClientSampleId :

ES-RO-276MSD

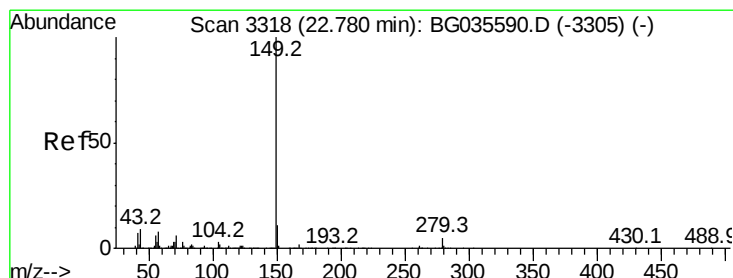
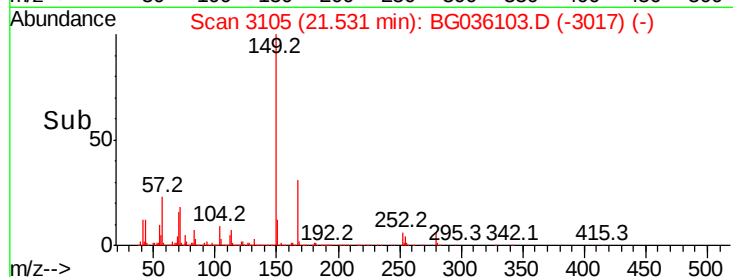
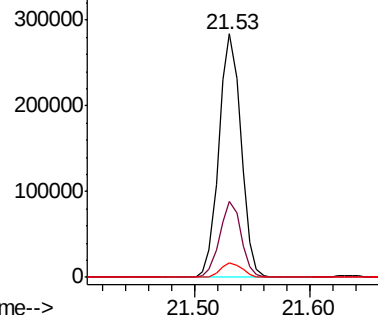
Tot Ion:	149	Resp:	378240
Ion Ratio	Lower	Upper	
149	100		
167	30.9	24.3	36.5
279	5.7	4.0	6.0

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



#84

Di-n-octyl phthalate

Concen: 49.605 ng

RT: 22.73 min Scan# 3309

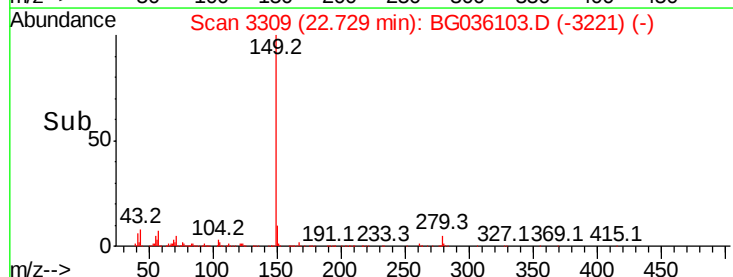
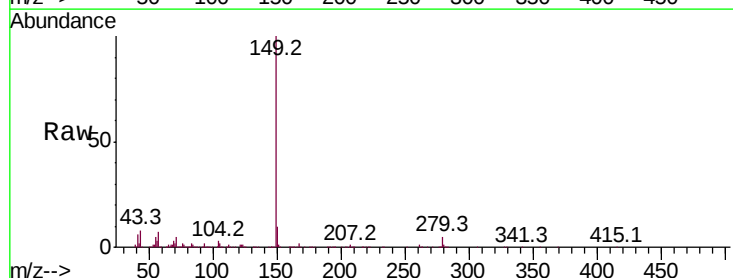
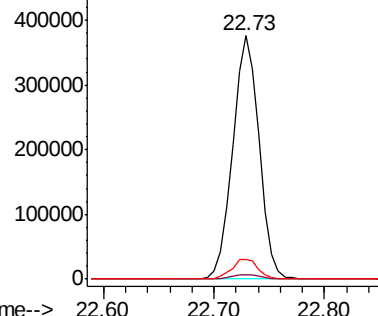
Delta R.T. -0.01 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Tgt Ion:	149	Resp:	631512
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	8.0	8.9	13.3#

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





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.711 ng

RT: 28.50 min Scan# 4291

Delta R.T. -0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Instrument :

BNA_G

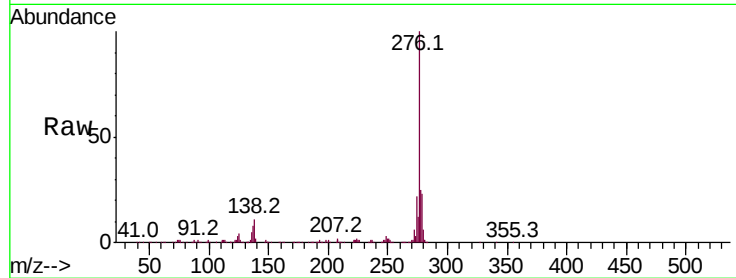
ClientSampleId :

ES-RO-276MSD

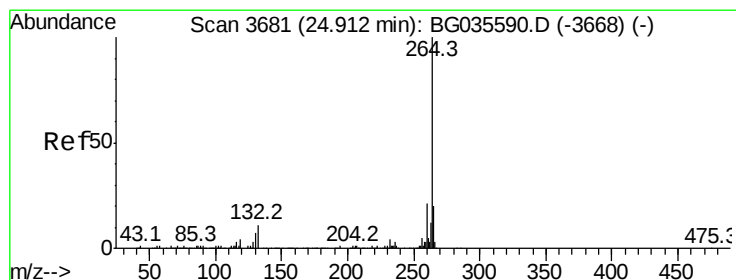
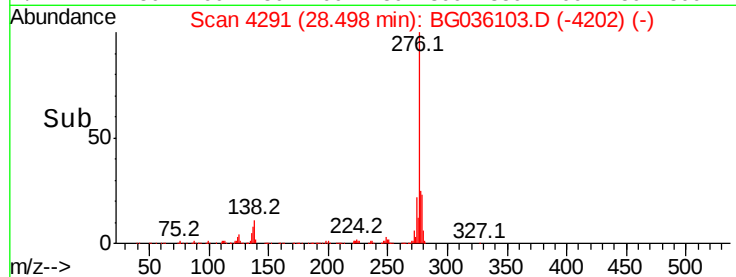
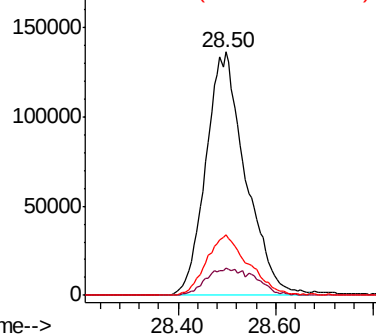
Tot Ion:	276	Resp:	770296
Ion Ratio	Lower	Upper	
276	100		
138	10.1	16.0	24.0#
277	26.1	20.0	30.0

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3670

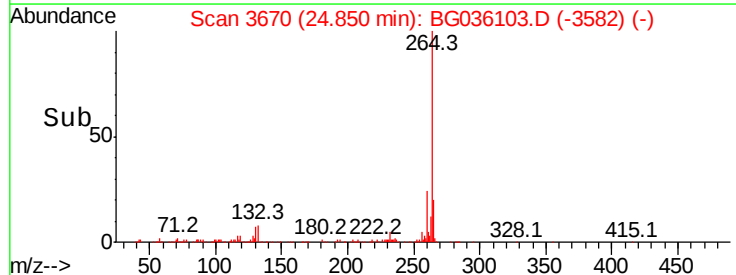
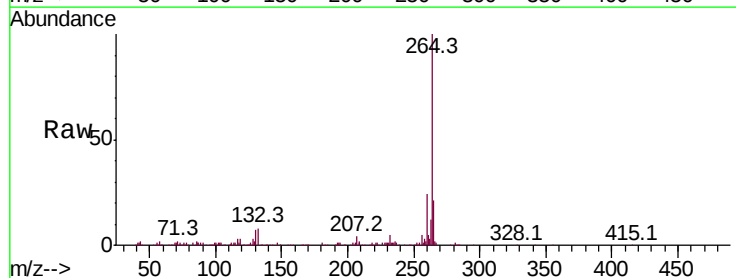
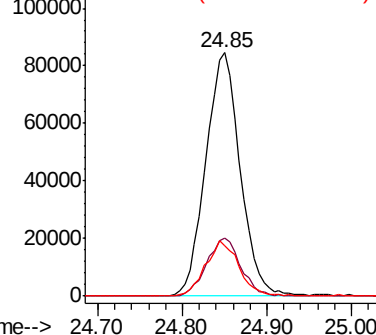
Delta R.T. -0.01 min

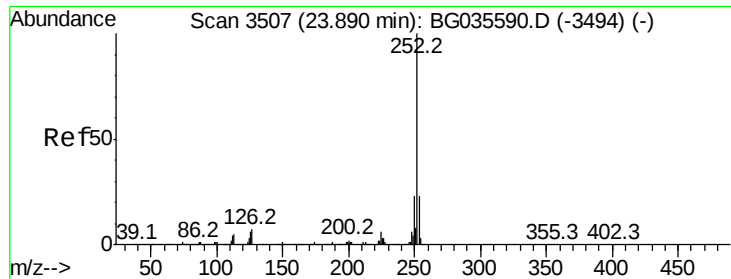
Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Tgt Ion:	264	Resp:	238462
Ion Ratio	Lower	Upper	
264	100		
260	24.0	17.4	26.0
265	20.5	17.7	26.5

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 47.897 ng

RT: 23.84 min Scan# 3498

Delta R.T. -0.00 min

Lab File: BG036103.D

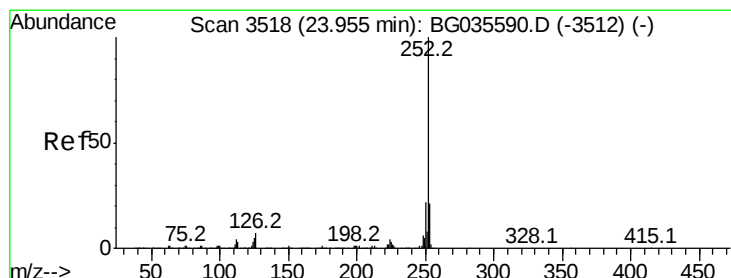
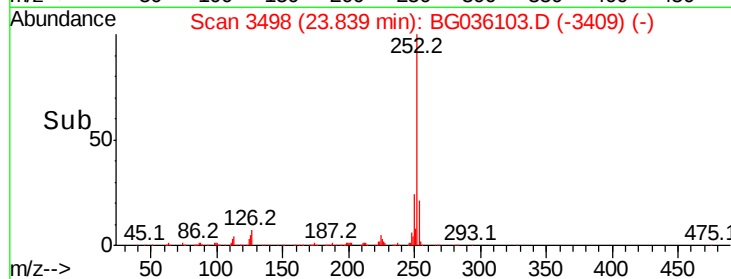
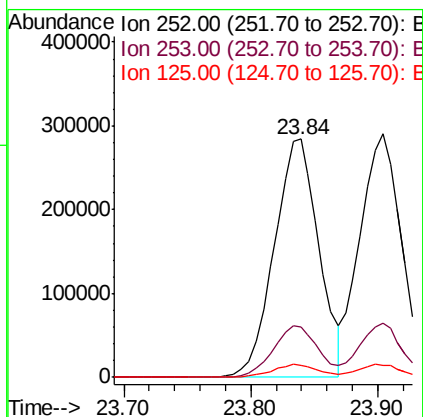
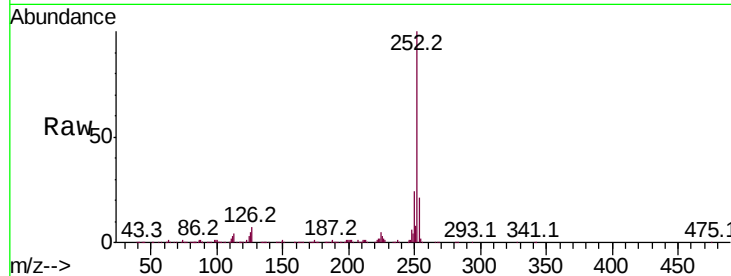
Acq: 3 Aug 2018 20:51

Instrument :
BNA_G
ClientSampleId :
ES-RO-276MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.4
125	5.0	7.2	10.8#

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#88

Benzo(k)fluoranthene

Concen: 47.257 ng

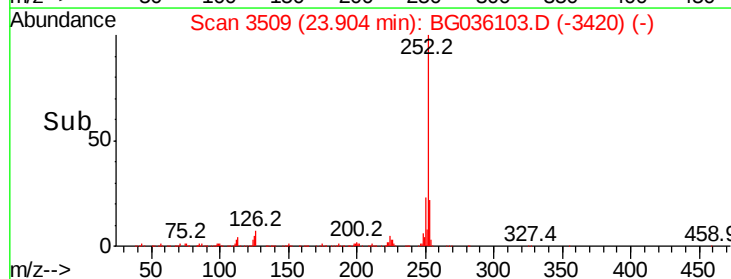
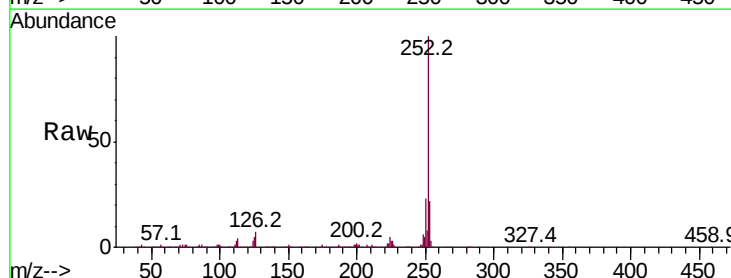
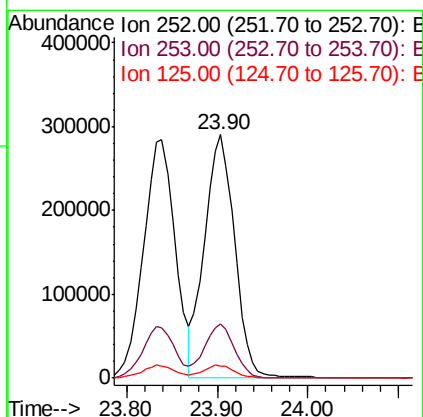
RT: 23.90 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	4.7	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 50.091 ng

RT: 24.70 min Scan# 3645

Delta R.T. -0.00 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Instrument :

BNA_G

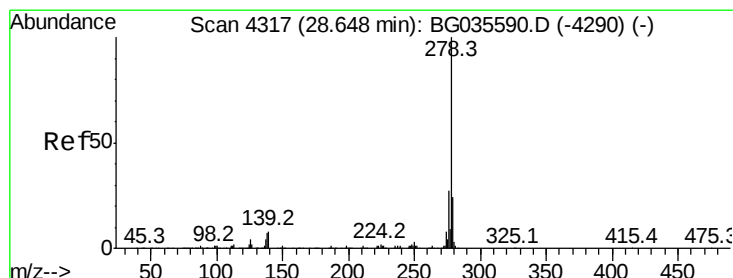
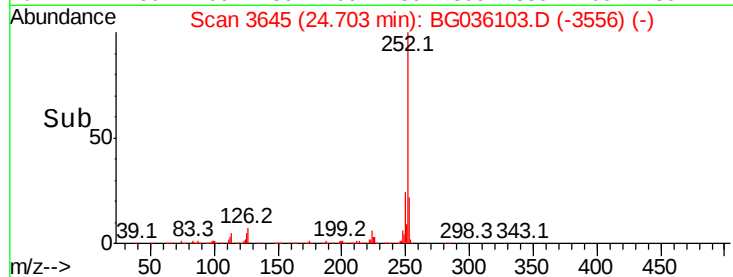
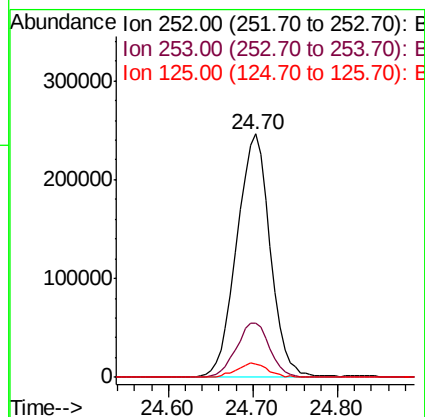
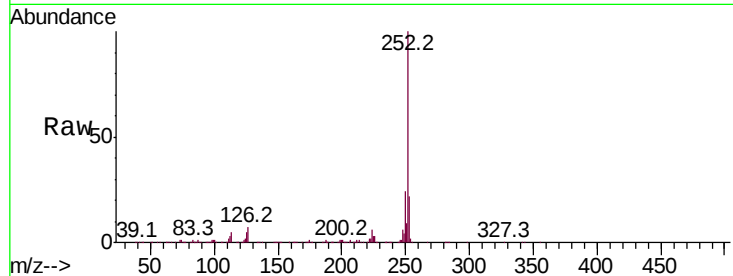
ClientSampleId :

ES-RO-276MSD

Tot Ion:	252	Resp:	675410
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.3	27.5
125	5.3	7.3	10.9#

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#90

Dibenzo(a,h)anthracene

Concen: 48.530 ng

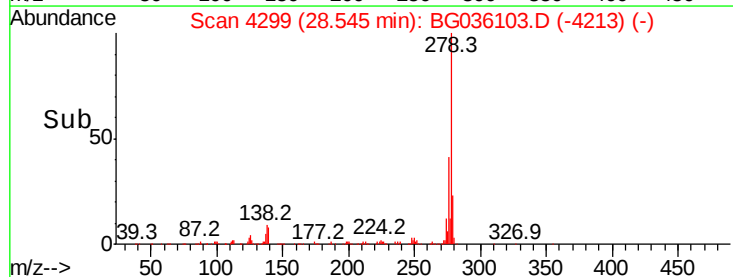
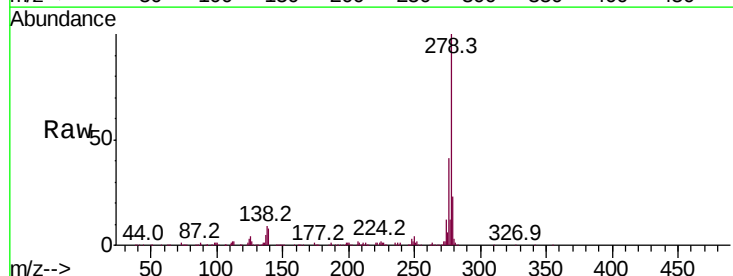
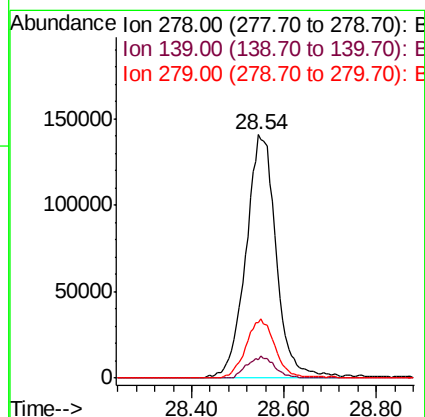
RT: 28.54 min Scan# 4299

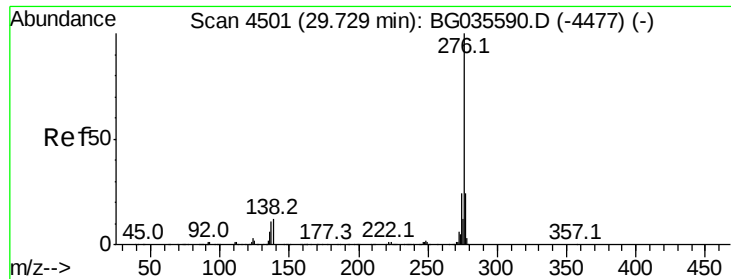
Delta R.T. -0.02 min

Lab File: BG036103.D

Acq: 3 Aug 2018 20:51

Tgt Ion:	278	Resp:	642420
Ion Ratio	Lower	Upper	
278	100		
139	7.8	9.8	14.6#
279	22.9	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 49.898 ng
 RT: 29.63 min Scan# 4483
 Delta R.T. -0.01 min
 Lab File: BG036103.D
 Acq: 3 Aug 2018 20:51

Instrument :
 BNA_G
 ClientSampleId :
 ES-RO-276MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.3	27.5
138	13.0	13.9	20.9

Manual Integrations
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