

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037486.D
 Acq On : 23 Oct 2018 21:27
 Operator : JU/SJ
 Sample : J5621-11MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PA-SW-01MSD

Manual Integrations
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Sohil
 10/24/2018 10:56:07 AM

Quant Time: Oct 24 05:28:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	69977	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	309882	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	203660	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	474312	20.00	ng	0.00
76) Chrysene-d12	21.77	240	408738	20.00	ng	0.00
87) Perylene-d12	25.11	264	426571	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	249801	59.68	ng	0.00
7) Phenol-d6	7.25	99	261544	41.32	ng	0.00
23) Nitrobenzene-d5	9.29	82	443720	80.21	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	260888	117.45	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1004224	74.35	ng	0.00
79) Terphenyl-d14	20.09	244	1449084	75.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	25989	12.244	ng	97
3) Pyridine	3.94	79	47756	8.926	ng	97
4) n-Nitrosodimethylamine	3.86	42	31917	16.749	ng	99
6) Aniline	7.43	93	72576	9.400	ng	95
8) 2-Chlorophenol	7.67	128	181940	37.157	ng	100
9) Benzaldehyde	7.25	77	135741	34.286	ng	96
10) Phenol	7.28	94	131122	19.635	ng	96
11) bis(2-Chloroethyl)ether	7.52	93	209375	41.282	ng	99
12) 1,3-Dichlorobenzene	7.99	146	185335	33.999	ng	98
13) 1,4-Dichlorobenzene	8.14	146	192178	34.465	ng	98
14) 1,2-Dichlorobenzene	8.46	146	186527	34.775	ng	99
15) Benzyl Alcohol	8.35	79	122246	26.140	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	391019	43.087	ng	97
17) 2-Methylphenol	8.53	107	157553	35.687	ng	98
18) Hexachloroethane	9.19	117	66234	34.842	ng	93
19) n-Nitroso-di-n-propylamine	8.91	70	183128	42.018	ng	95
20) 3+4-Methylphenols	8.87	107	198193	31.399	ng	97
22) Acetophenone	8.94	105	339134	43.637	ng	# 98
24) Nitrobenzene	9.33	77	285127	49.616	ng	96
25) Isophorone	9.84	82	527300	52.170	ng	98
26) 2-Nitrophenol	10.04	139	117529	45.399	ng	98
27) 2,4-Dimethylphenol	10.08	122	218313	47.231	ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	314258	47.455	ng	95
29) 2,4-Dichlorophenol	10.57	162	223594	43.446	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	212594	37.986	ng	98
31) Naphthalene	10.98	128	664988	43.690	ng	99
32) Benzoic acid	10.16	122	41073	13.681	ng	99
33) 4-Chloroaniline	11.09	127	45919	6.421	ng	95
34) Hexachlorobutadiene	11.24	225	117870	35.535	ng	96
35) Caprolactam	11.88	113	12090m	5.857	ng	
36) 4-Chloro-3-methylphenol	12.19	107	245109	42.231	ng	96
37) 2-Methylnaphthalene	12.58	142	522542	47.096	ng	99
38) 1-Methylnaphthalene	12.79	142	503542	46.732	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	264700	40.294	ng	99

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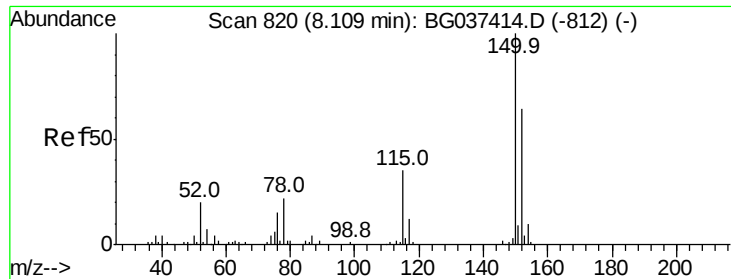
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	305464	97.346	nq	96
43) 2,4,6-Trichlorophenol	13.17	196	201843	45.991	nq	98
44) 2,4,5-Trichlorophenol	13.24	196	213602	44.702	nq	98
46) 1,1'-Biphenyl	13.58	154	688347	40.811	nq	98
47) 2-Chloronaphthalene	13.62	162	538902	42.233	nq	99
48) 2-Nitroaniline	13.83	65	165951	42.886	nq	98
49) Acenaphthylene	14.47	152	896877	46.725	nq	98
50) Dimethylphthalate	14.19	163	754641	47.897	nq	100
51) 2,6-Dinitrotoluene	14.32	165	162350	46.580	nq	94
52) Acenaphthene	14.80	154	531253	44.939	nq	99
53) 3-Nitroaniline	14.65	138	23872	6.170	nq	# 96
54) 2,4-Dinitrophenol	14.85	184	156175	91.945	nq	92
55) Dibenzofuran	15.14	168	847076	43.249	nq	98
56) 4-Nitrophenol	14.94	139	138417	48.329	nq	95
57) 2,4-Dinitrotoluene	15.10	165	227719	49.772	nq	94
58) Fluorene	15.79	166	688761	46.959	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	190804	46.638	nq	99
60) Diethylphthalate	15.54	149	735006	45.440	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	363857	42.561	nq	99
62) 4-Nitroaniline	15.81	138	58894	15.318	nq	91
63) Azobenzene	16.07	77	703784	45.602	nq	100
65) 4,6-Dinitro-2-methylphenol	15.86	198	113116	45.899	nq	98
66) n-Nitrosodiphenylamine	15.99	169	627146	43.957	nq	97
67) 4-Bromophenyl-phenylether	16.67	248	226523	43.489	nq	99
68) Hexachlorobenzene	16.78	284	226780	42.009	nq	99
69) Atrazine	16.93	200	232835	45.137	nq	99
70) Pentachlorophenol	17.12	266	277067	76.622	nq	96
71) Phenanthrene	17.53	178	1105963	45.879	nq	98
72) Anthracene	17.62	178	1113523	47.070	nq	97
73) Carbazole	17.89	167	1028683	43.471	nq	99
74) Di-n-butylphthalate	18.43	149	1230536	46.746	nq	98
75) Fluoranthene	19.53	202	1266463	46.321	nq	96
77) Benzidine	19.72	184	121397	8.735	nq	98
78) Pyrene	19.90	202	1260940	47.191	nq	97
80) Butylbenzylphthalate	20.77	149	555624	50.810	nq	99
81) Benzo(a)anthracene	21.75	228	1175633	48.627	nq	98
82) 3,3'-Dichlorobenzidine	21.66	252	44154	4.712	nq	90
83) Chrysene	21.82	228	1096310	47.158	nq	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	775612	50.600	nq	99
85) Di-n-octyl phthalate	22.88	149	1302177	52.097	nq	99
86) Indeno(1,2,3-cd)pyrene	28.93	276	1274828	51.127	nq	97
88) Benzo(b)fluoranthene	24.05	252	1156789	49.465	nq	99
89) Benzo(k)fluoranthene	24.12	252	1115943	48.705	nq	98
90) Benzo(a)pyrene	24.95	252	1110052	49.952	nq	99
91) Dibenzo(a,h)anthracene	29.02	278	1046141	51.035	nq	98
92) Benzo(g,h,i)perylene	30.16	276	1060867	51.155	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

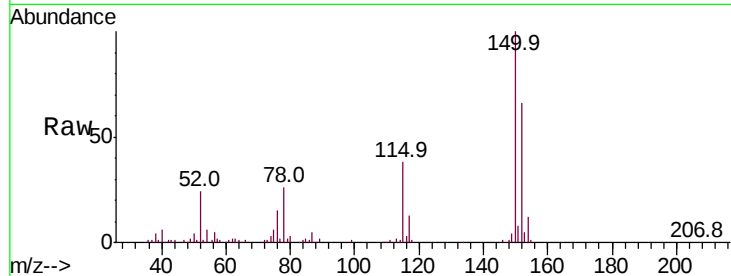
ClientSampleId :

PA-SW-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	126.0	189.0
115	56.9	45.5	68.3

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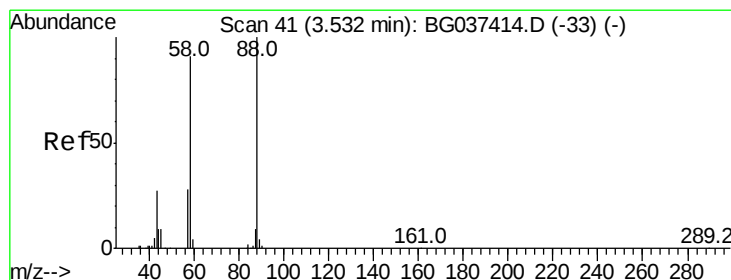
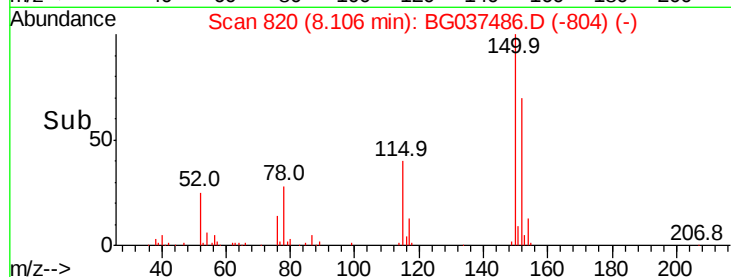
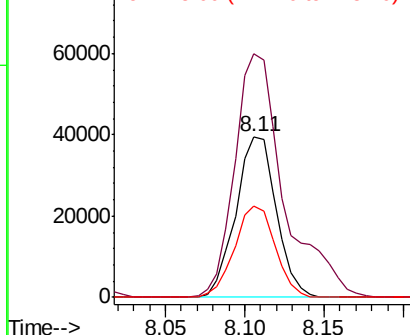


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 12.244 ng

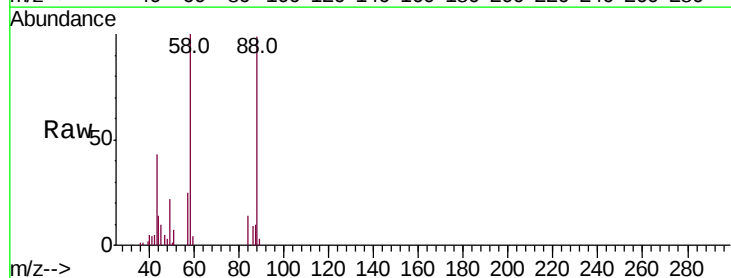
RT: 3.53 min Scan# 42

Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.2	74.4	111.6
43	30.5	25.8	38.8

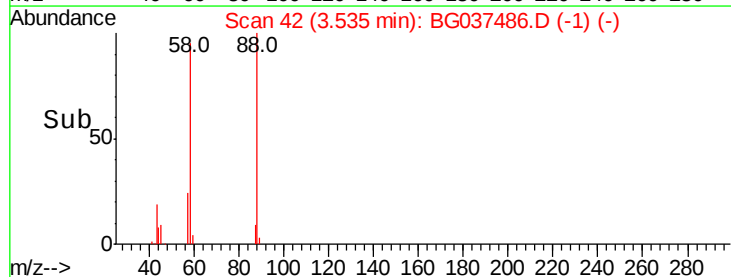
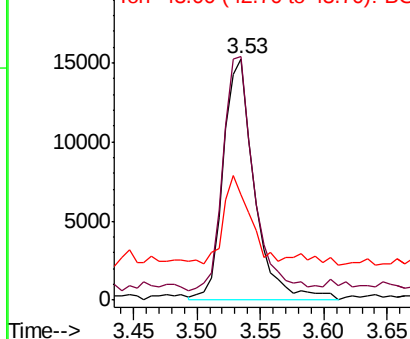


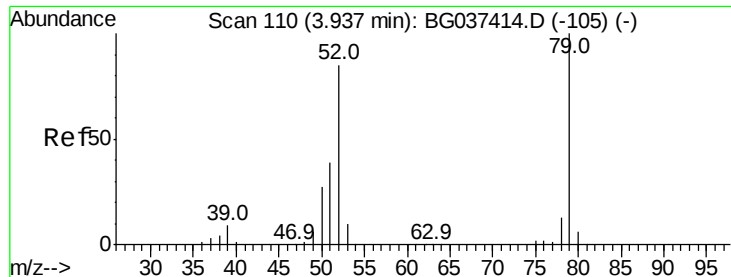
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





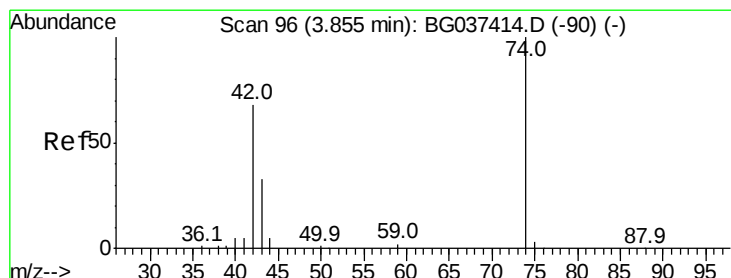
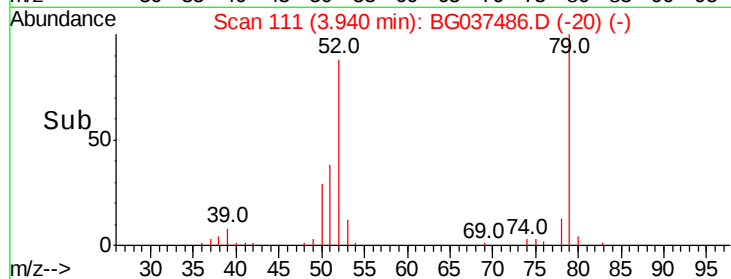
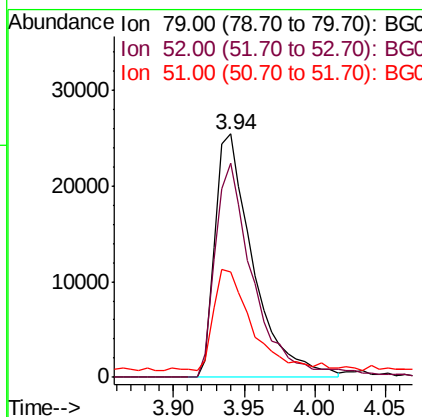
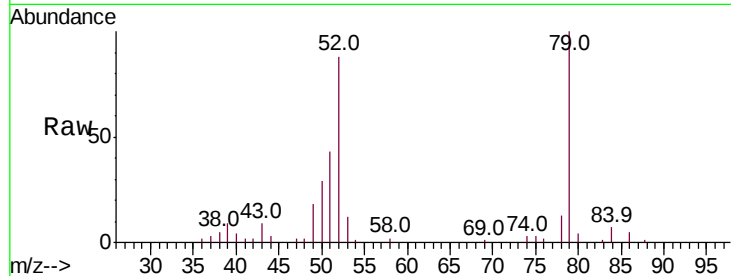
#3
 Pvridine
 Concen: 8.926 ng
 RT: 3.94 min Scan# 111
 Delta R.T. 0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Instrument :
 BNA_G
 ClientSampleId :
 PA-SW-01MSD

Tot Ion: 79 Resp: 47756
 Ion Ratio Lower Upper
 79 100
 52 88.1 74.2 111.2
 51 43.5 34.6 51.8

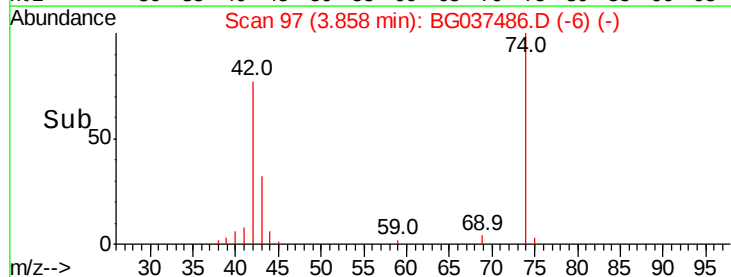
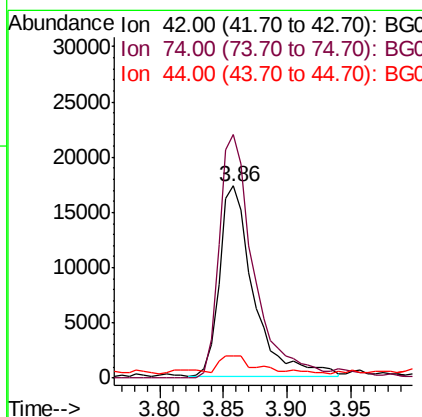
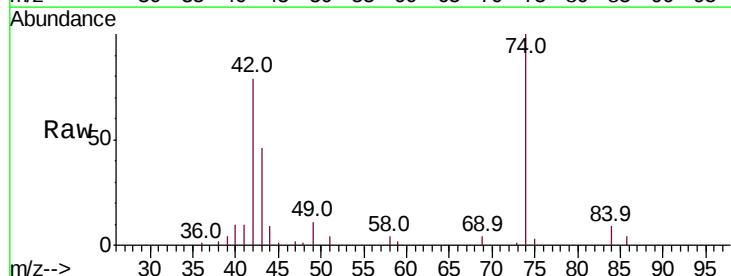
Manual Integrations
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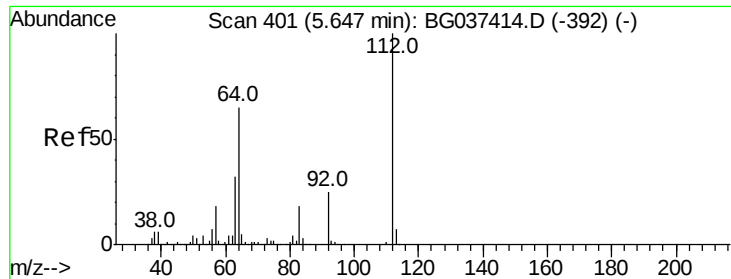
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#4
 n-Nitrosodimethylamine
 Concen: 16.749 ng
 RT: 3.86 min Scan# 97
 Delta R.T. 0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Tgt Ion: 42 Resp: 31917
 Ion Ratio Lower Upper
 42 100
 74 126.8 102.0 153.0
 44 11.3 9.6 14.4





#5

2-Fluorophenol

Concen: 59.681 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

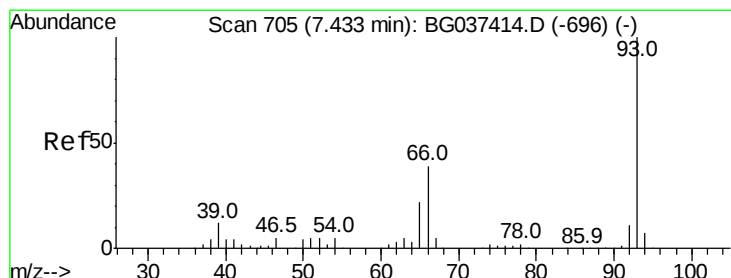
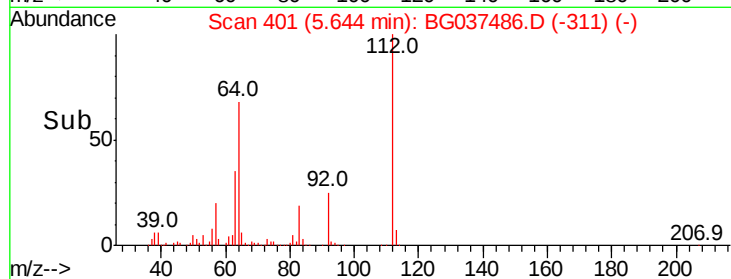
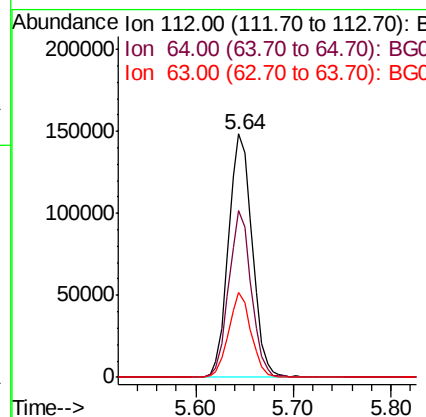
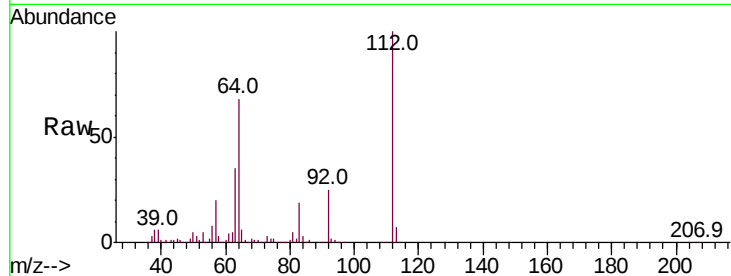
ClientSampleId :

PA-SW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	249801		
64	68.3	53.1	79.7	
63	34.6	27.3	40.9	

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#6

Aniline

Concen: 9.400 ng

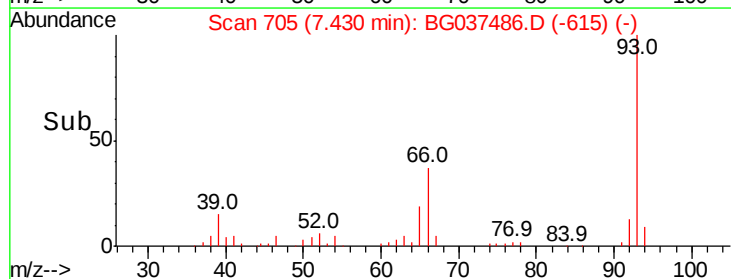
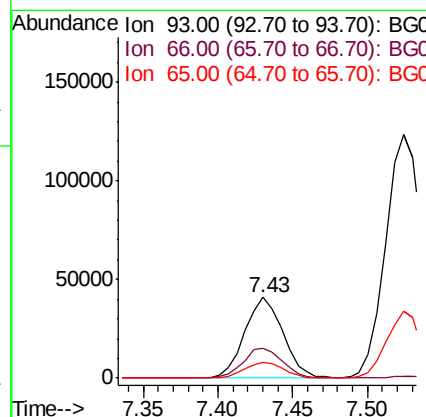
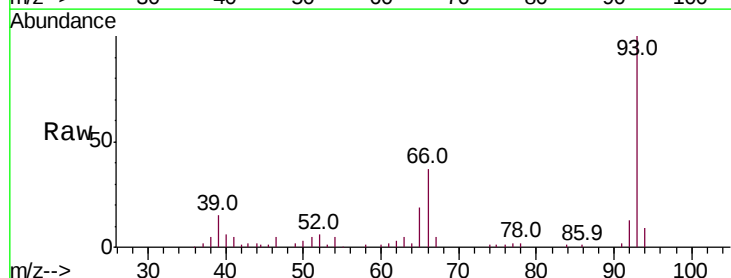
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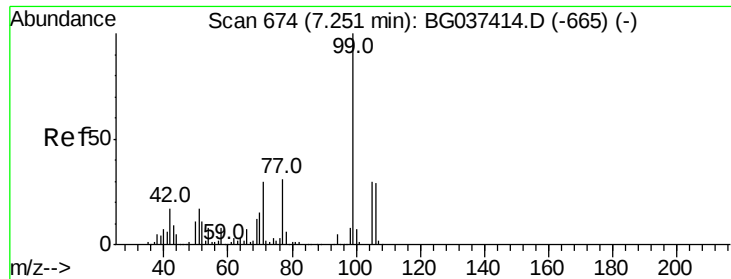
Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	72576		
66	37.0	32.8	49.2	
65	19.2	16.4	24.6	





#7

Phenol-d6

Concen: 41.324 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

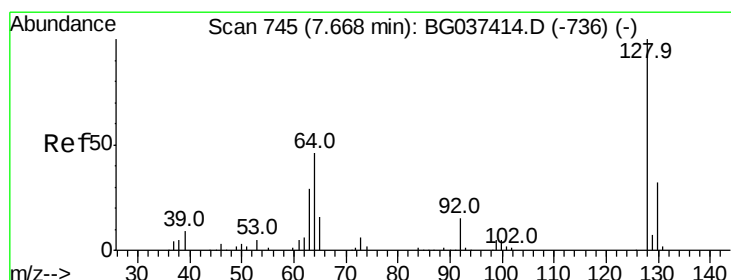
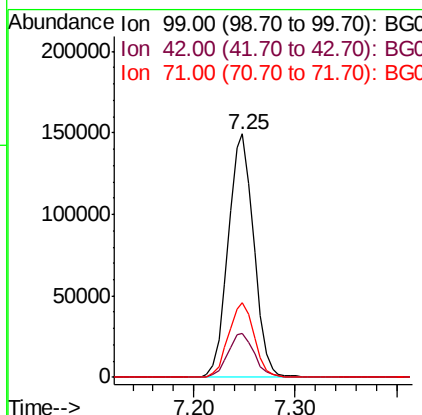
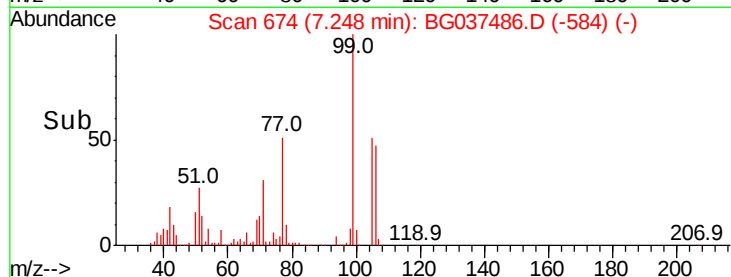
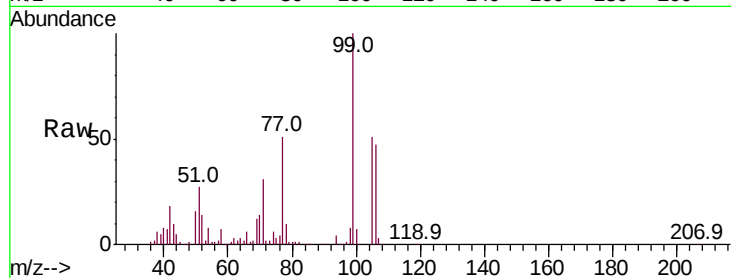
ClientSampleId :

PA-SW-01MSD

Tot Ion:	99	Resp:	261544
Ion Ratio	Lower	Upper	
99	100		
42	18.2	15.0	22.4
71	30.8	25.5	38.3

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#8

2-Chlorophenol

Concen: 37.157 ng

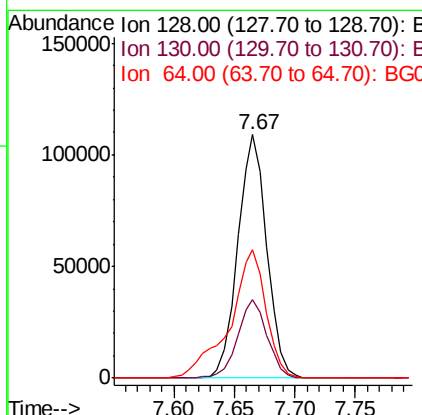
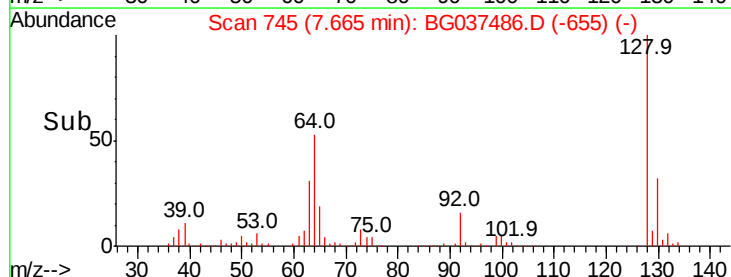
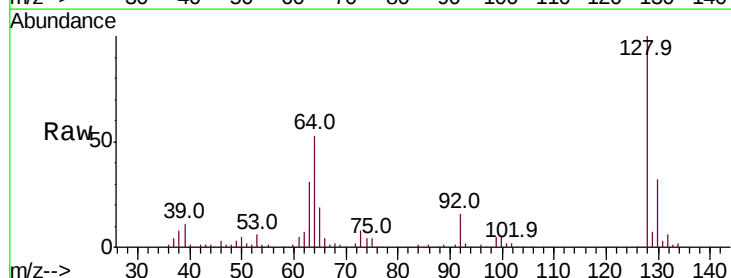
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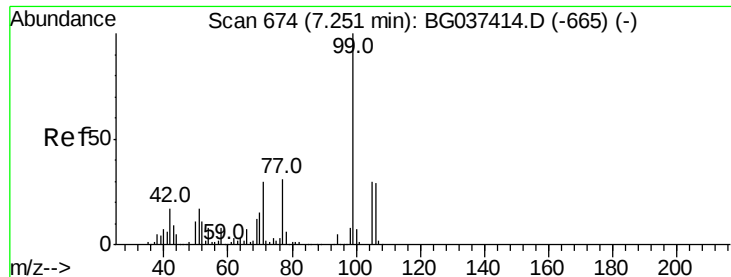
Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Tgt Ion:	128	Resp:	181940
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.0	52.0
64	52.6	32.9	72.9





#9

Benzaldehyde

Concen: 34.286 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

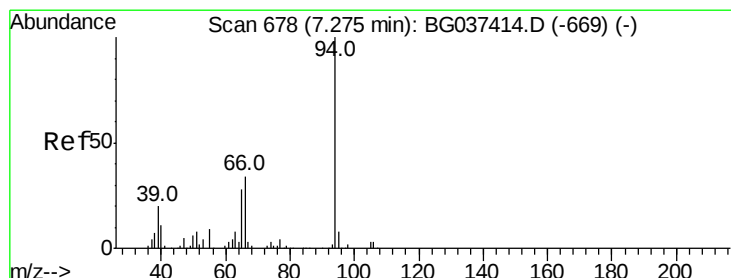
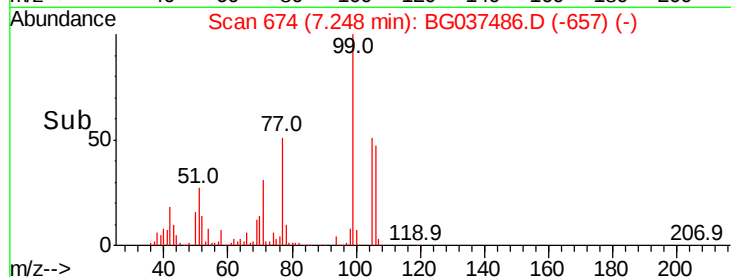
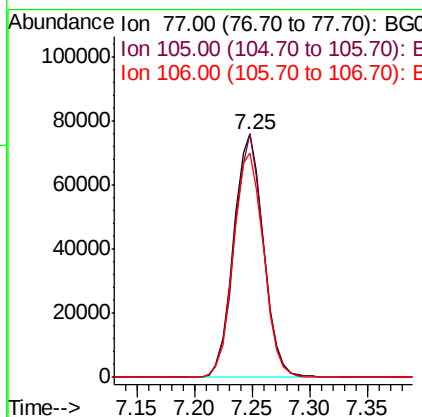
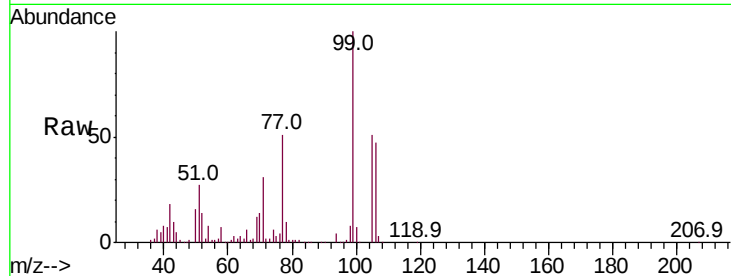
ClientSampleId :

PA-SW-01MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.1	72.6	112.6
106	92.1	71.3	111.3

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#10

Phenol

Concen: 19.635 ng

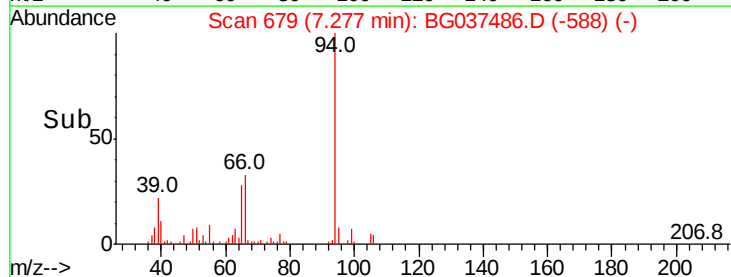
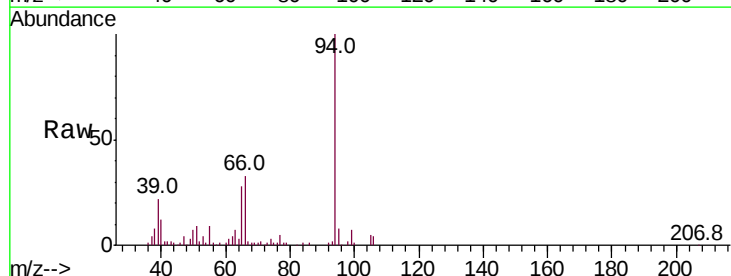
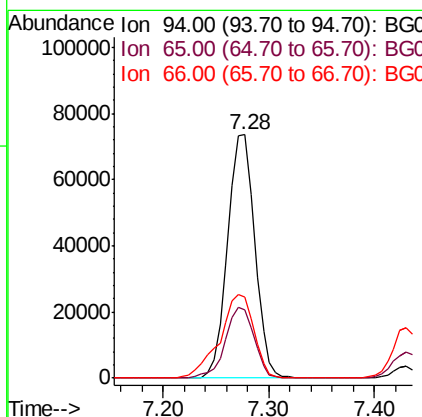
RT: 7.28 min Scan# 679

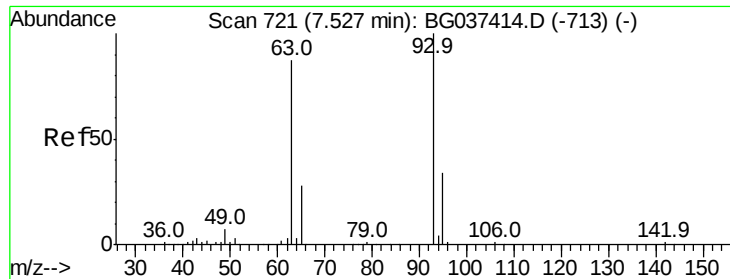
Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.9	9.7	49.7
66	33.4	15.9	55.9





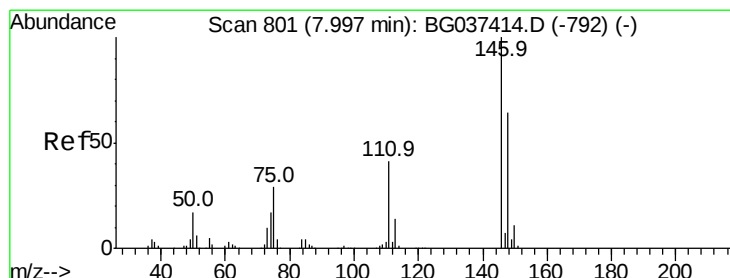
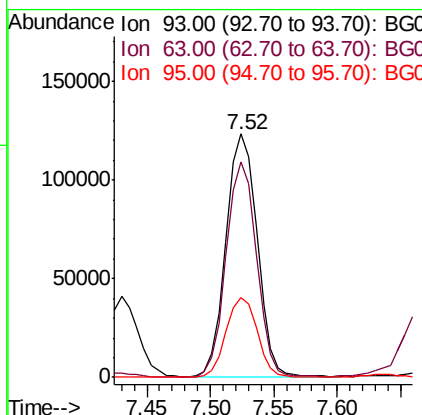
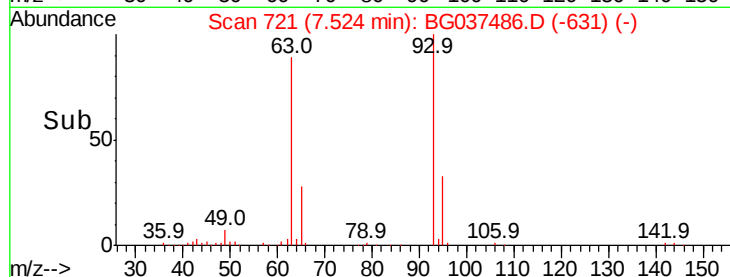
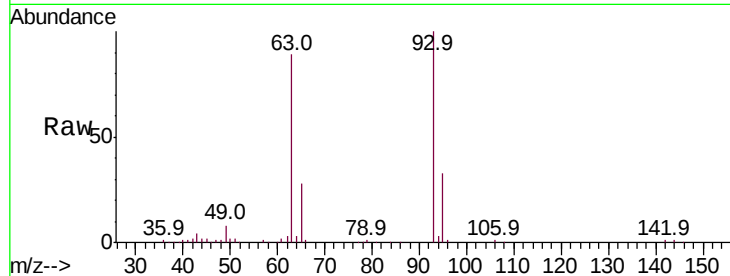
#11
bis(2-Chloroethyl)ether
Concen: 41.282 ng
RT: 7.52 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

Tot Ion	93	Resp	209375
Ion Ratio	Lower	Upper	
93	100		
63	88.5	69.5	109.5
95	32.8	12.6	52.6

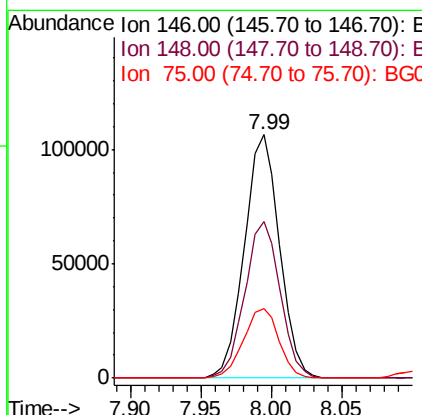
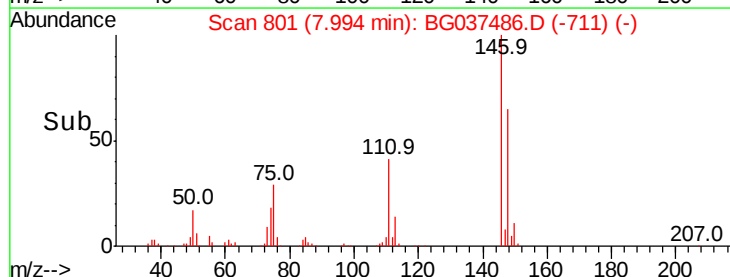
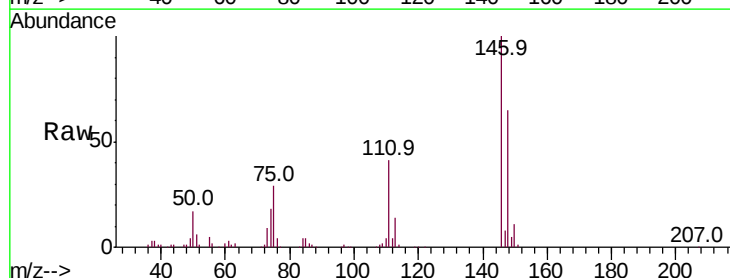
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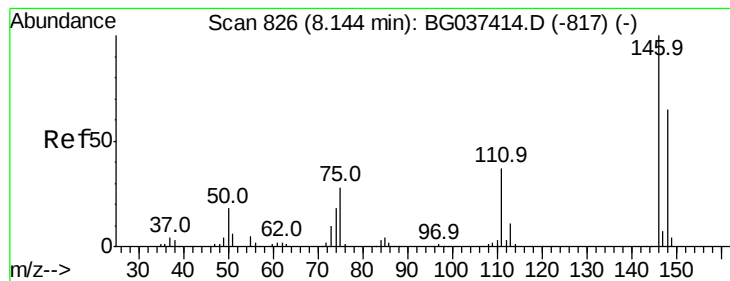
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#12
1,3-Dichlorobenzene
Concen: 33.999 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	146	Resp	185335
Ion Ratio	Lower	Upper	
146	100		
148	64.6	49.8	74.8
75	28.5	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 34.465 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

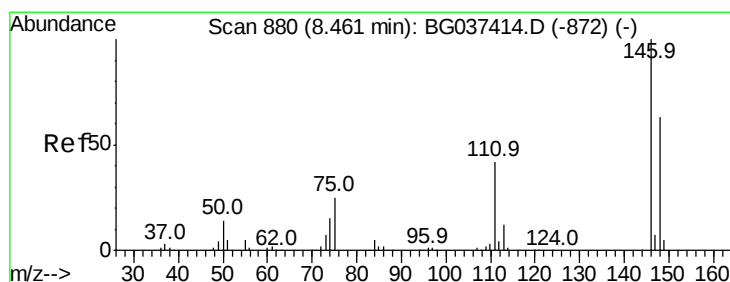
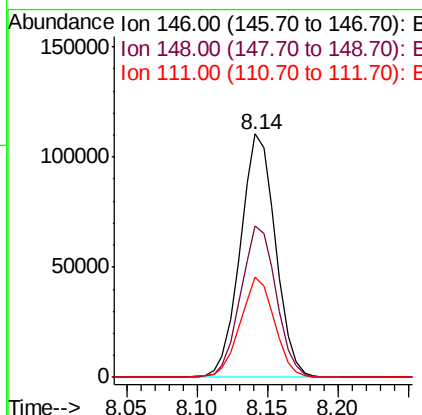
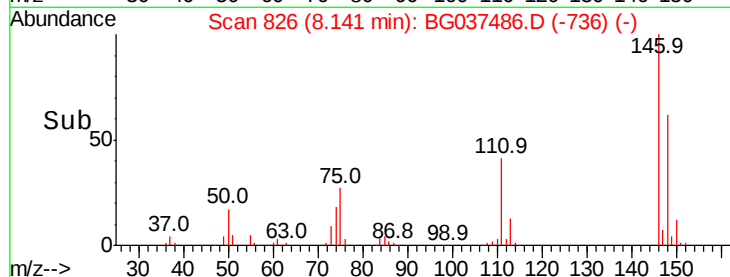
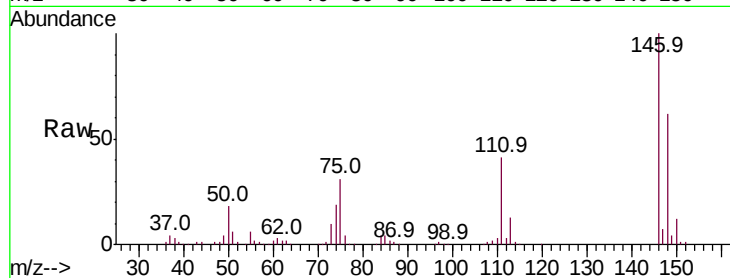
ClientSampleId :

PA-SW-01MSD

Tot Ion:	146	Resp:	192178
Ion Ratio	Lower	Upper	
146	100		
148	62.0	51.0	76.6
111	41.0	32.4	48.6

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#14

1,2-Dichlorobenzene

Concen: 34.775 ng

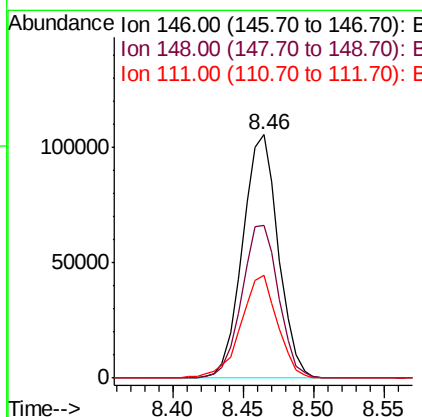
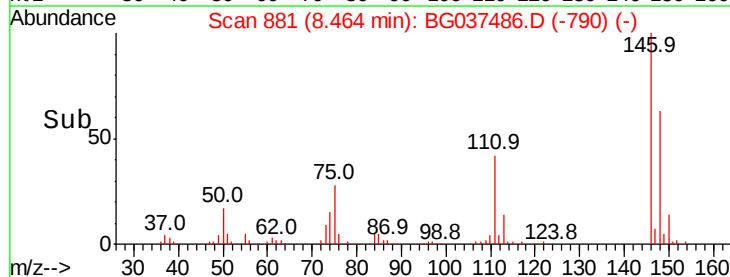
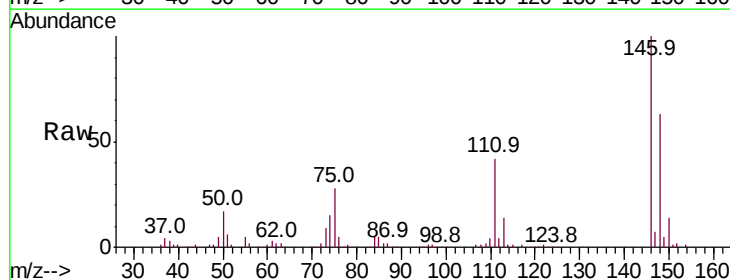
RT: 8.46 min Scan# 881

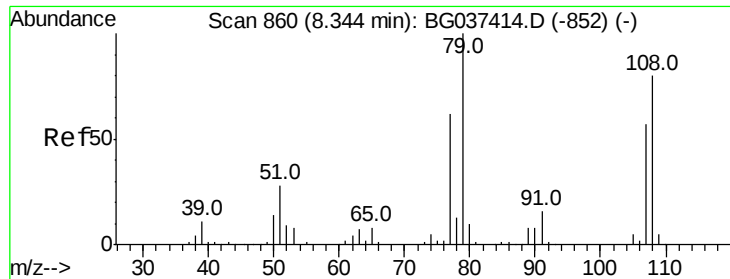
Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Tgt Ion:	146	Resp:	186527
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.4	75.6
111	42.3	34.6	51.8





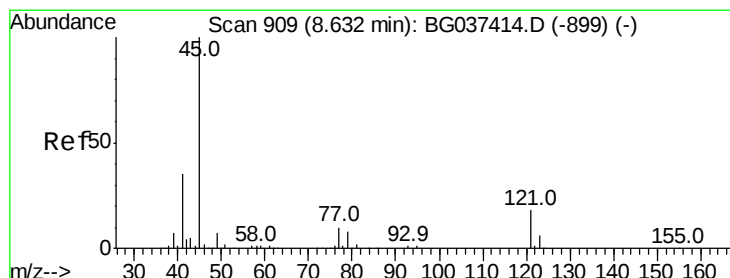
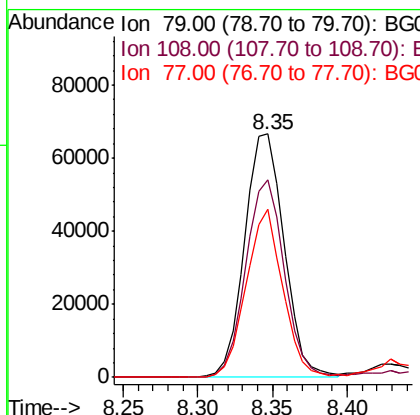
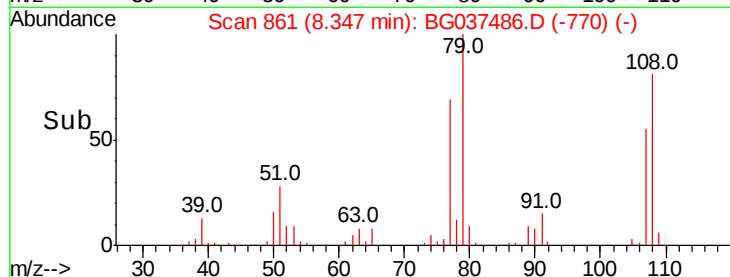
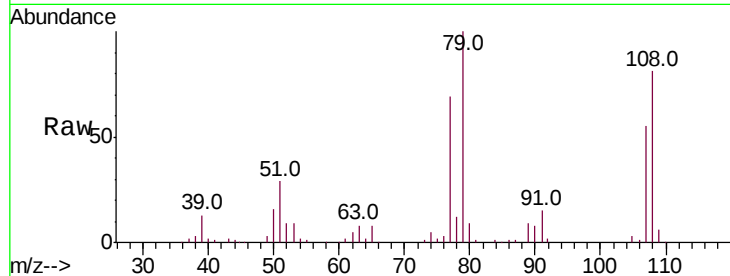
#15
Benzyl Alcohol
Concen: 26.140 ng
RT: 8.35 min Scan# 861
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.2	65.8	98.8
77	68.8	52.9	79.3

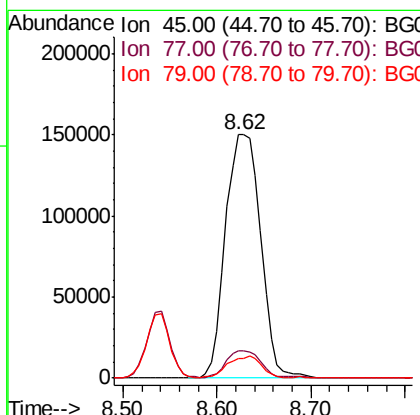
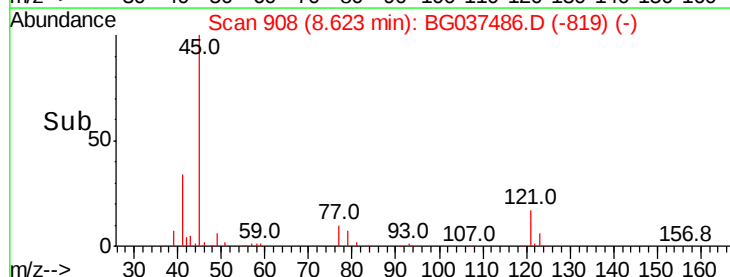
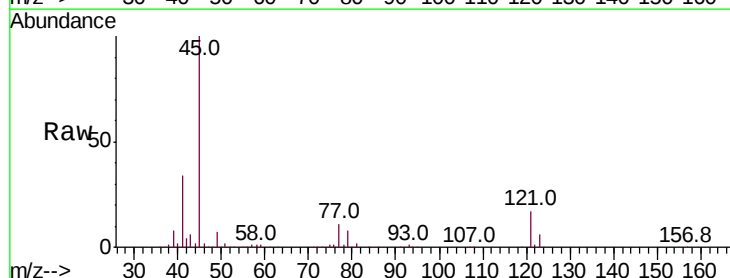
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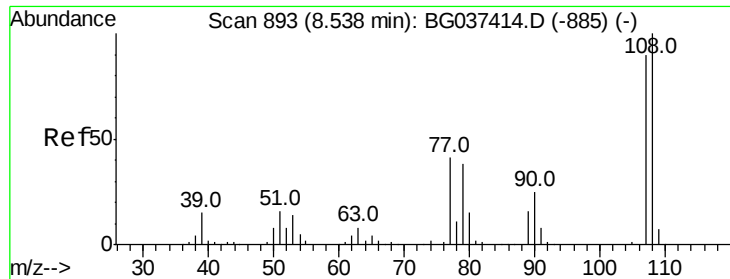
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.087 ng
RT: 8.62 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	30.0
79	8.1	0.0	29.0





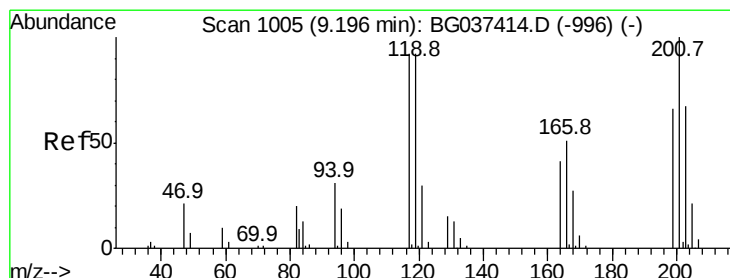
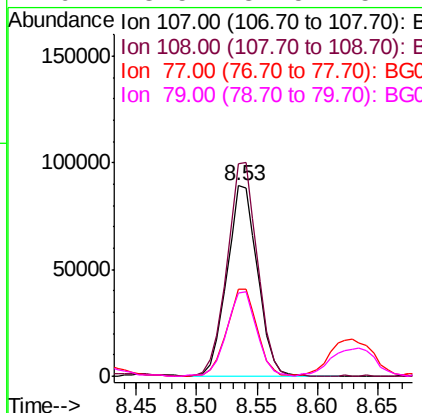
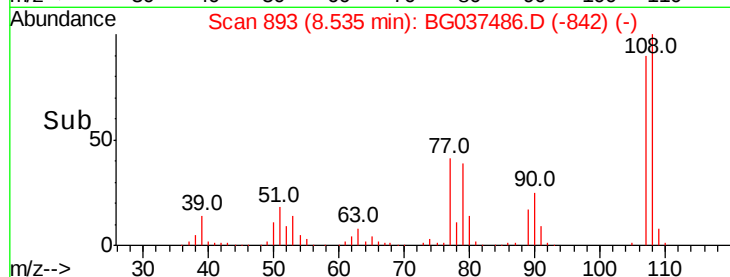
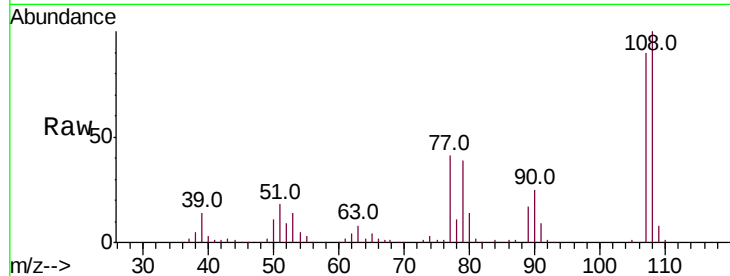
#17
2-Methylphenol
Concen: 35.687 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	87.9	131.9	
77	45.7	35.1	52.7	
79	43.5	34.5	51.7	

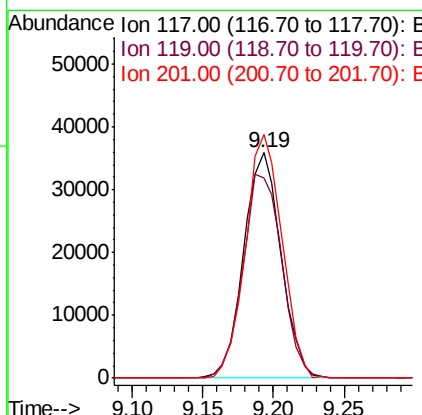
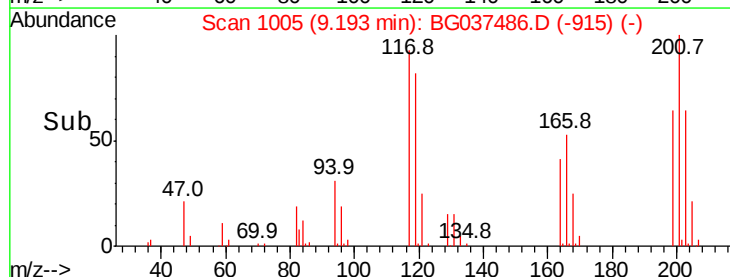
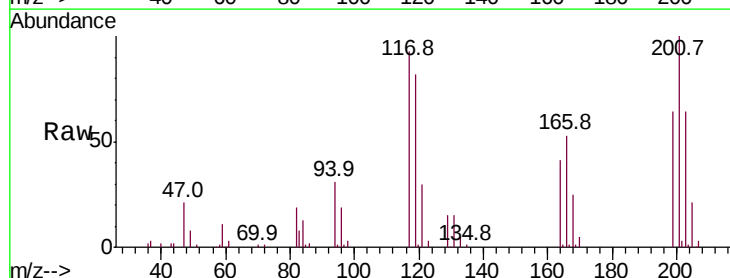
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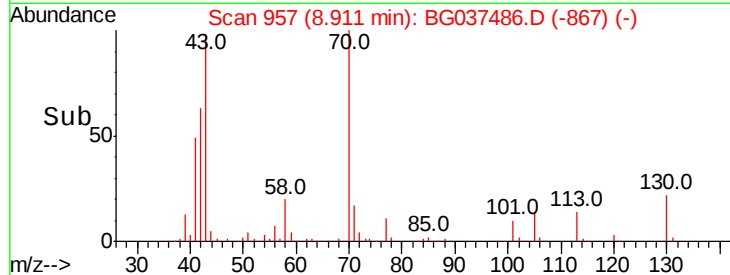
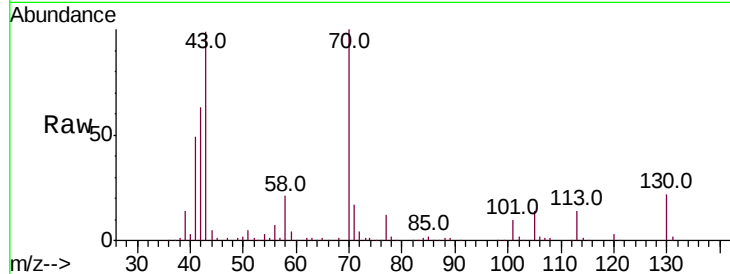
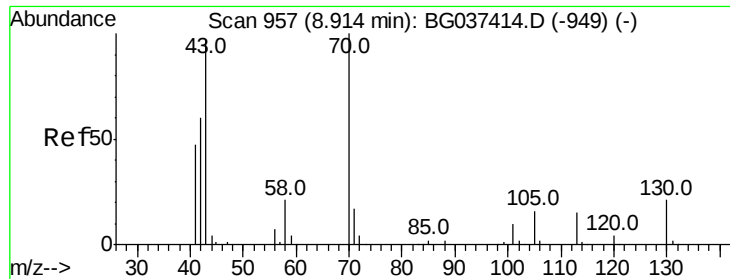
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#18
Hexachloroethane
Concen: 34.842 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	88.9	74.6	111.8	
201	110.7	80.8	121.2	





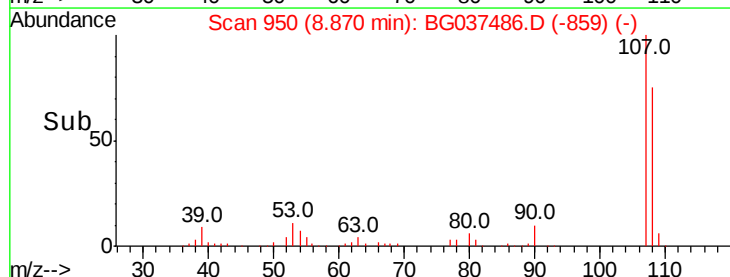
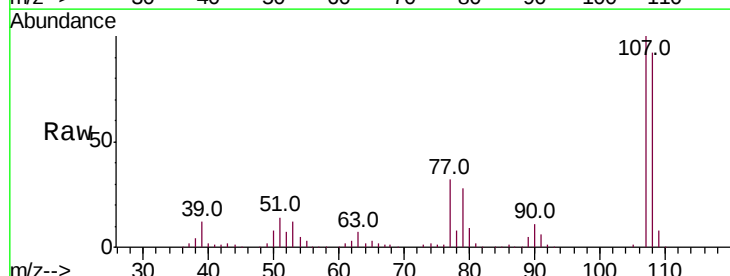
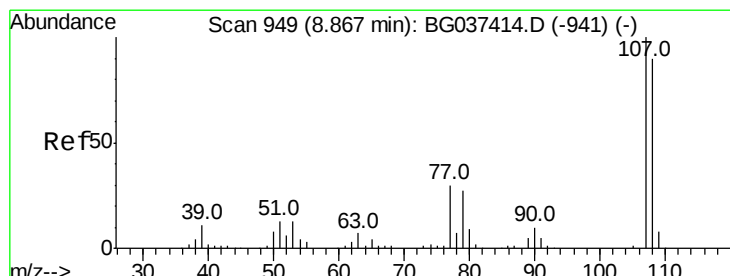
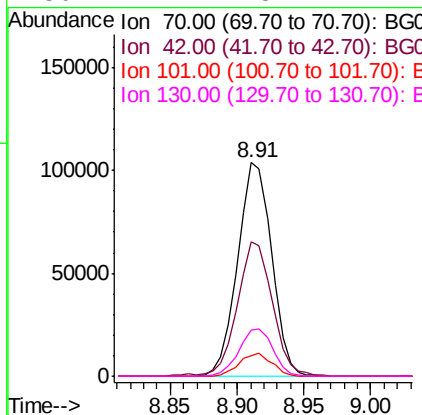
#19
n-Nitroso-di-n-propylamine
Concen: 42.018 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.8	53.9	80.9	
101	9.6	8.2	12.2	
130	21.7	18.2	27.4	

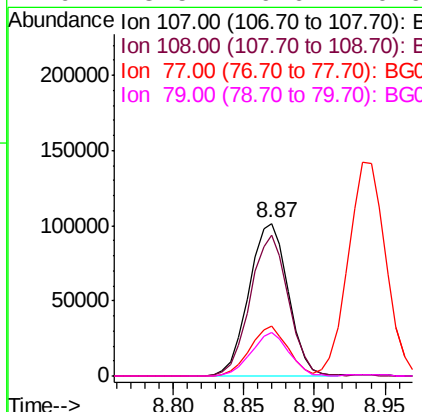
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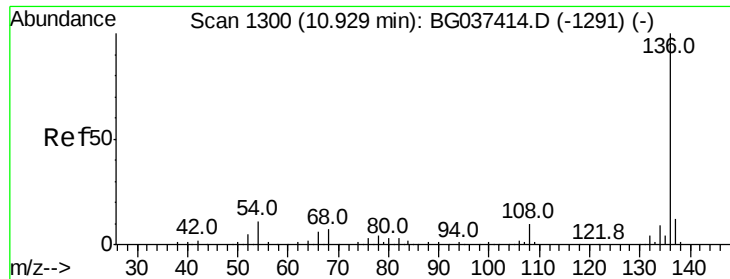
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#20
3+4-Methylphenols
Concen: 31.399 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.2	69.9	109.9	
77	32.3	11.2	51.2	
79	28.5	6.6	46.6	





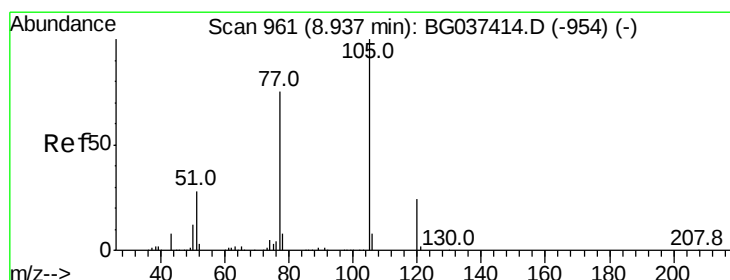
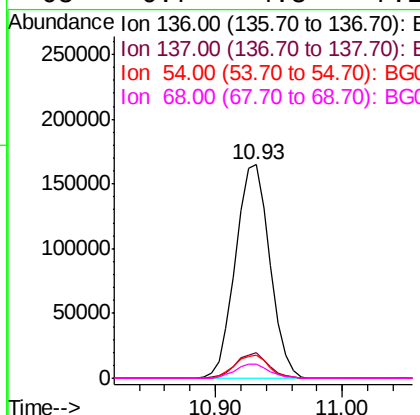
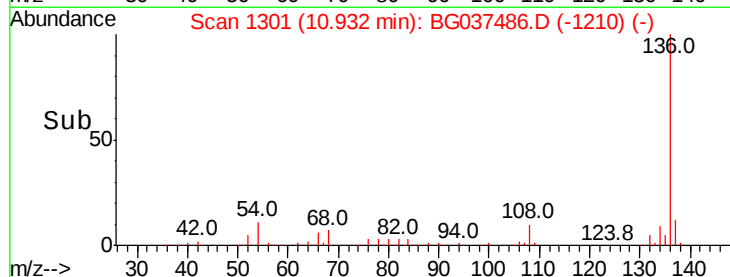
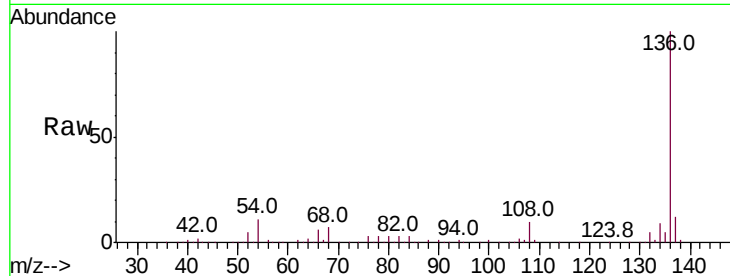
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.8	9.6	14.4	
54	10.6	7.9	11.9	
68	6.7	4.8	7.2	

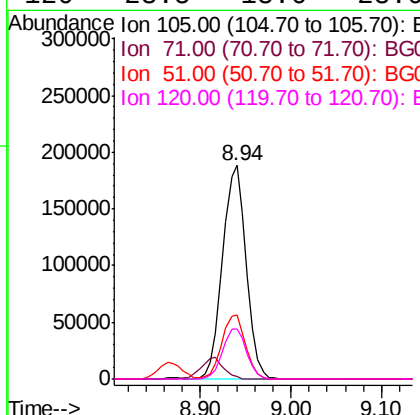
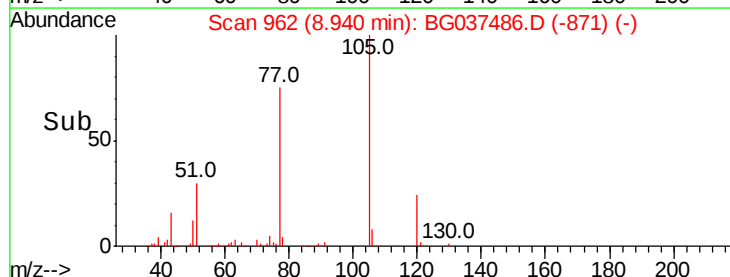
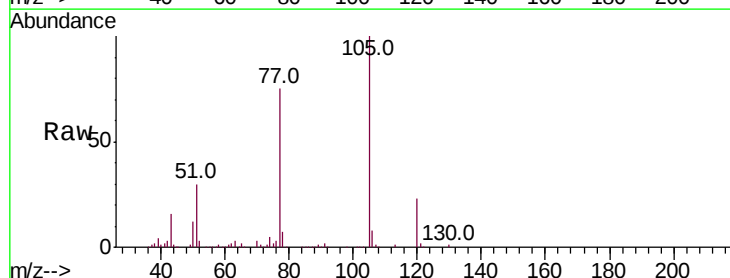
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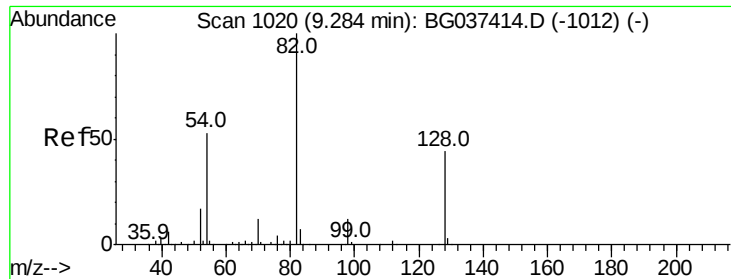
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#22
Acetophenone
Concen: 43.637 ng
RT: 8.94 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.9	1.2	1.8#	
51	29.9	25.0	37.6	
120	23.5	18.6	28.0	





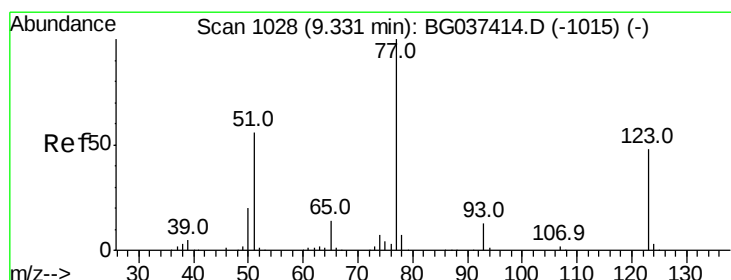
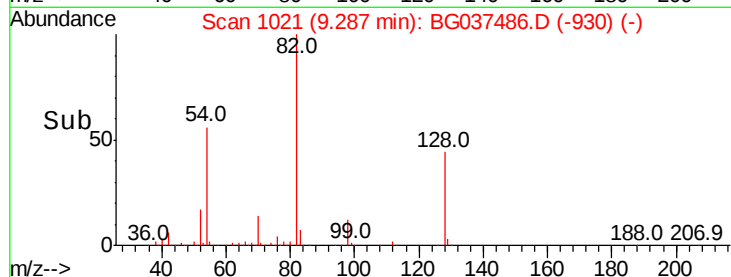
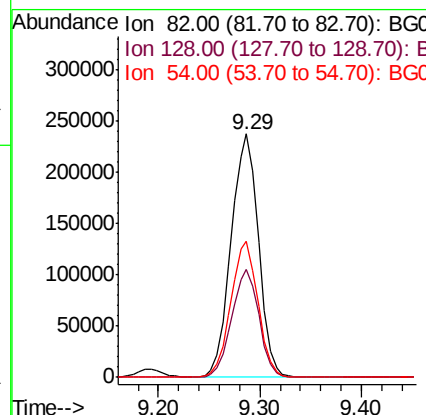
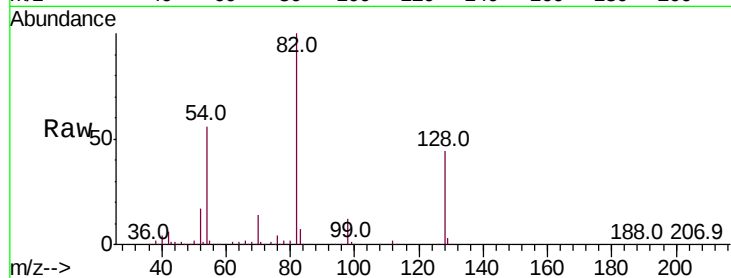
#23
Nitrobenzene-d5
Concen: 80.214 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

Tot Ion	82	Resp	443720
Ion Ratio	100	Lower	Upper
128	44.4	34.6	51.8
54	55.7	45.3	67.9

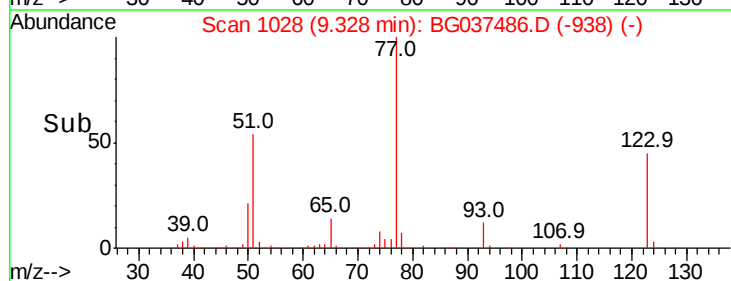
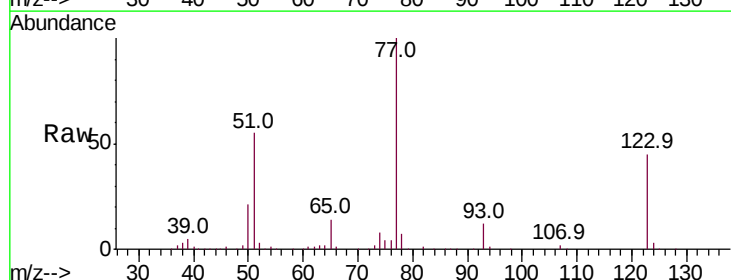
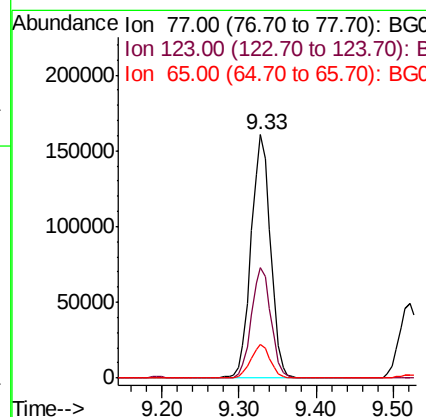
Manual Integrations
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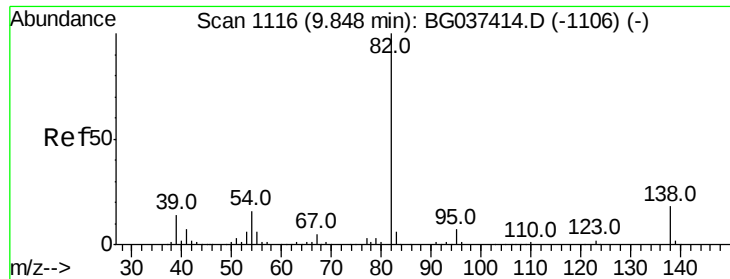
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#24
Nitrobenzene
Concen: 49.616 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	77	Resp	285127
Ion Ratio	100	Lower	Upper
123	45.4	33.6	50.4
65	14.0	11.3	16.9





#25

Isophorone

Concen: 52.170 ng

RT: 9.84 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

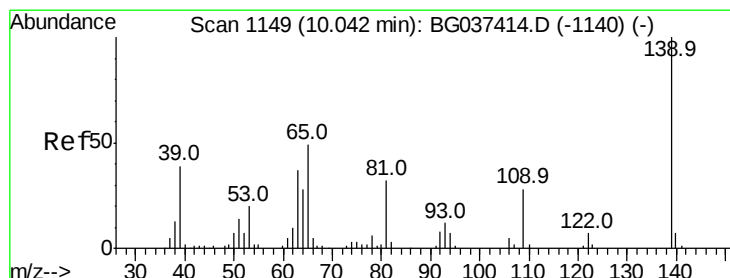
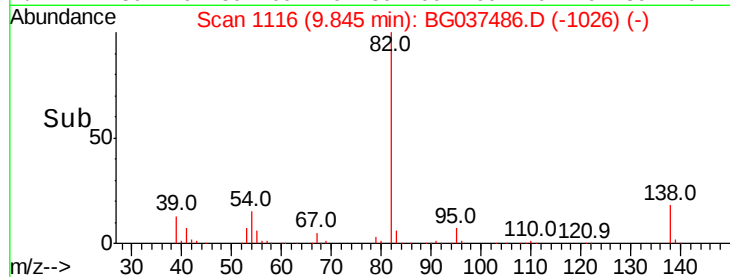
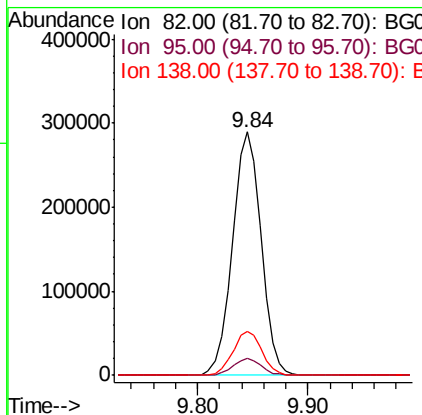
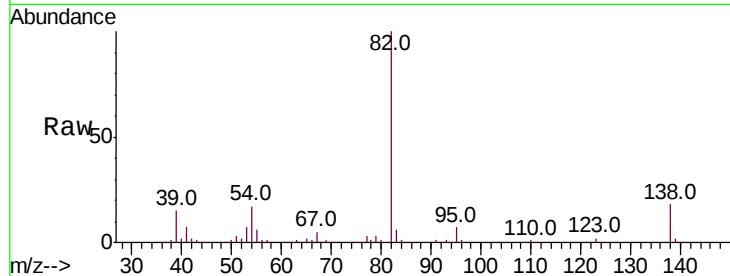
ClientSampleId :

PA-SW-01MSD

Tot Ion:	82	Resp:	527300
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.3	7.9
138	17.8	13.3	19.9

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#26

2-Nitrophenol

Concen: 45.399 ng

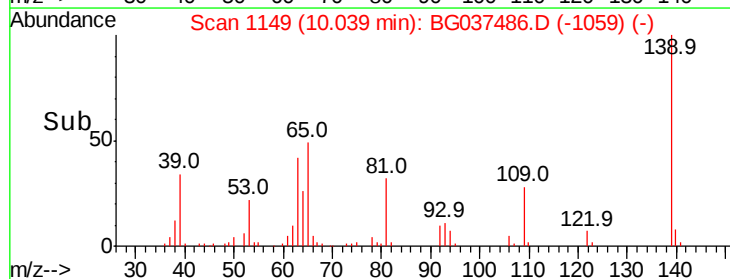
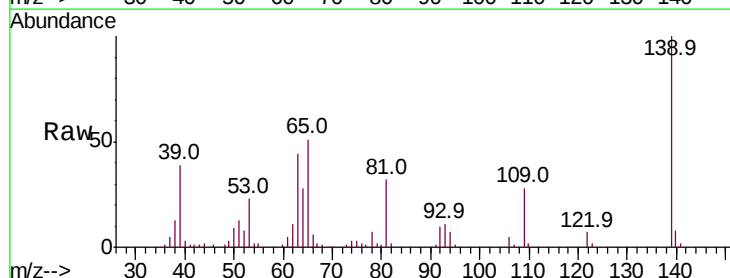
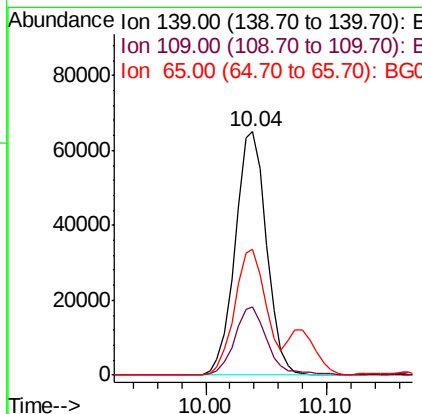
RT: 10.04 min Scan# 1149

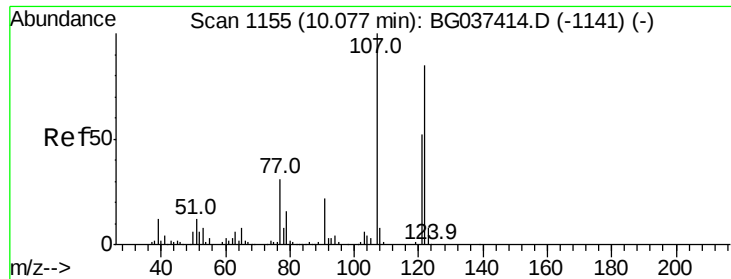
Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Tgt Ion:	139	Resp:	117529
Ion Ratio	Lower	Upper	
139	100		
109	28.3	23.3	34.9
65	51.4	39.8	59.8





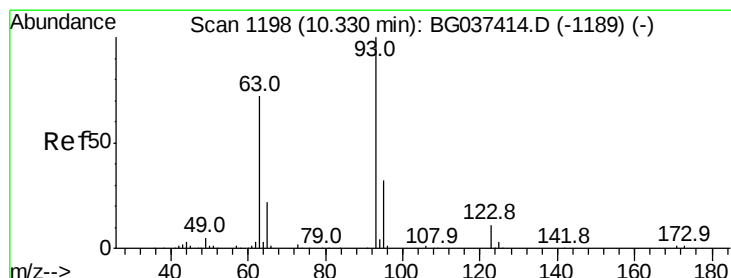
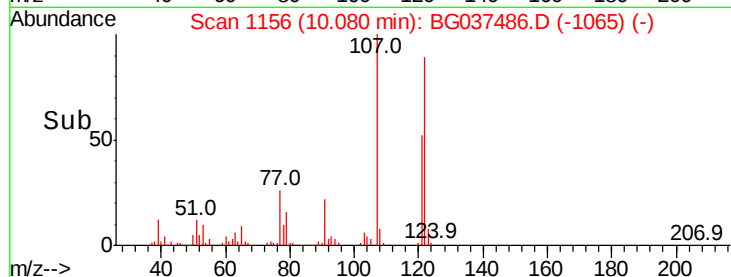
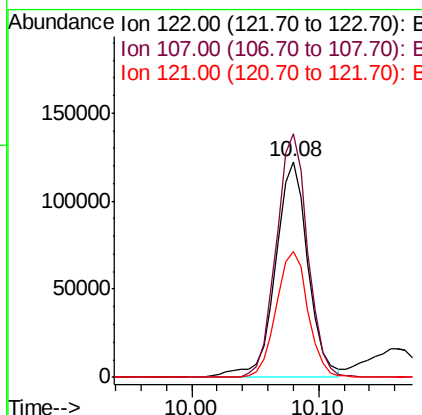
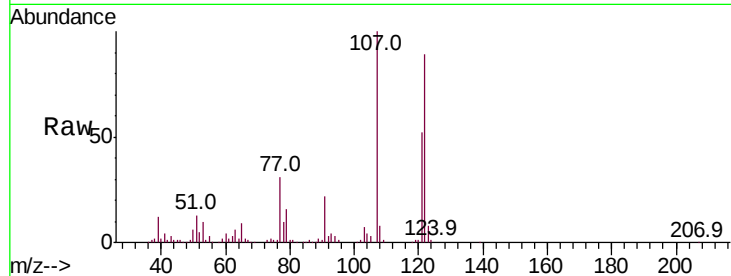
#27
2,4-Dimethylphenol
Concen: 47.231 ng
RT: 10.08 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	218313		
107	112.8	94.2	141.2	
121	58.5	47.3	70.9	

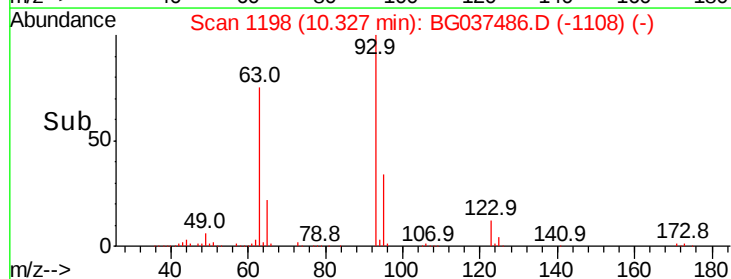
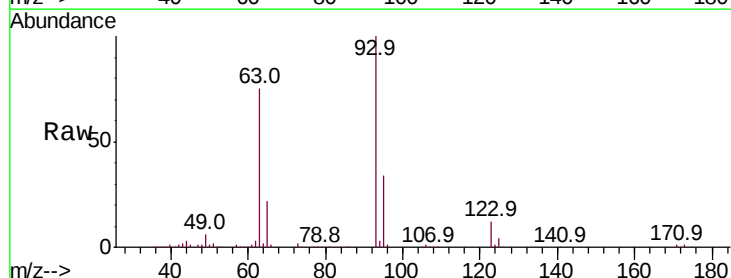
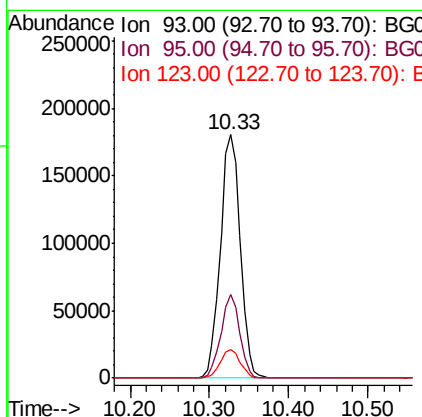
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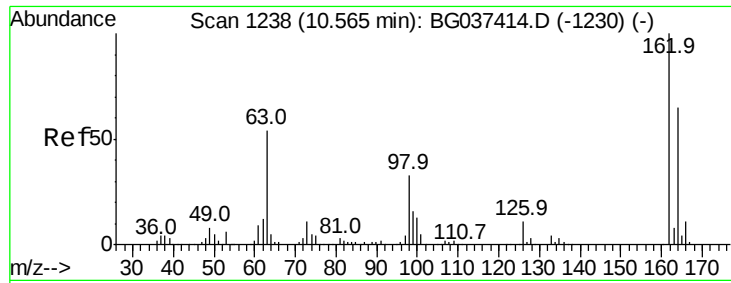
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#28
bis(2-Chloroethoxy)methane
Concen: 47.455 ng
RT: 10.33 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	314258		
95	34.2	24.6	37.0	
123	11.9	9.1	13.7	





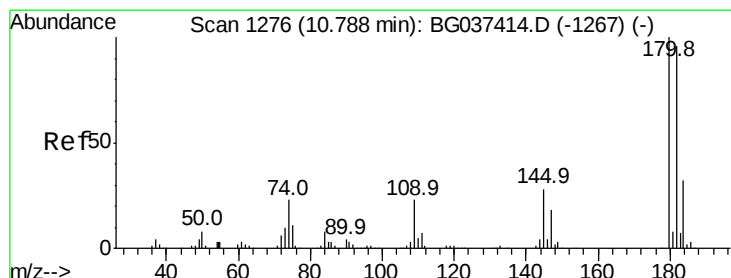
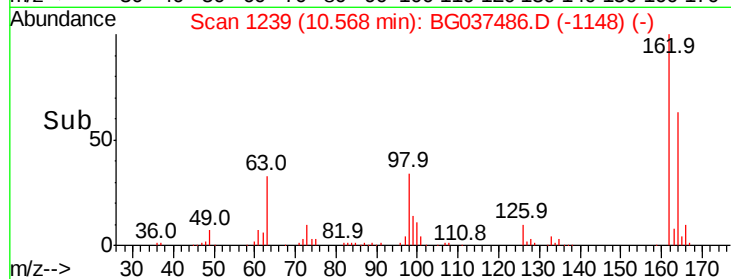
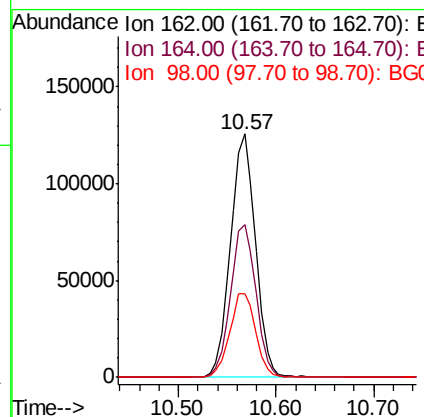
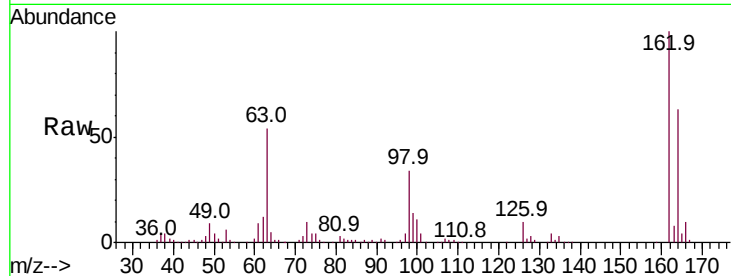
#29
 2,4-Dichlorophenol
 Concen: 43.446 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Instrument :
 BNA_G
 ClientSampleId :
 PA-SW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	223594		
164	62.9	43.2	83.2	
98	34.4	16.0	56.0	

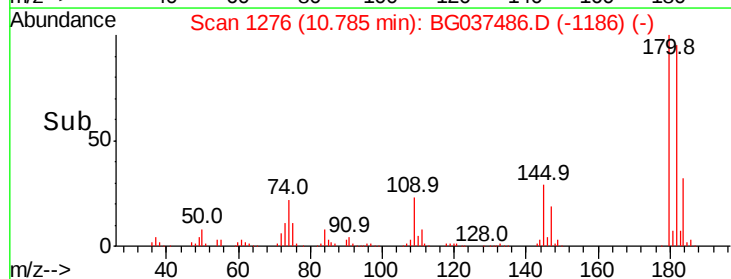
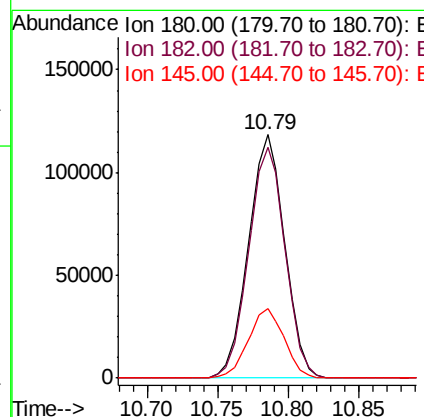
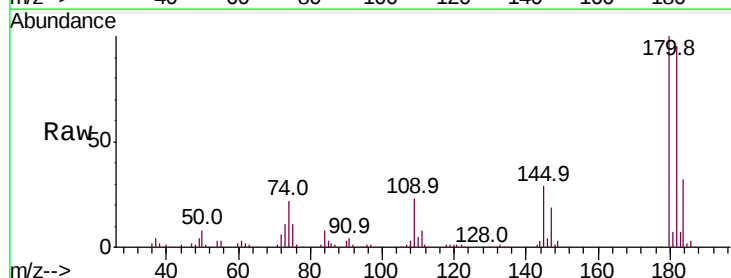
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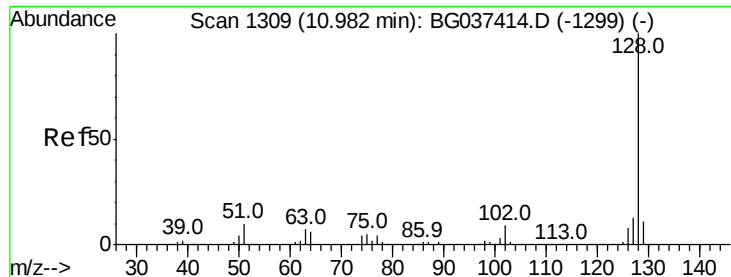
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.986 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	212594		
182	94.7	77.7	116.5	
145	28.8	23.3	34.9	





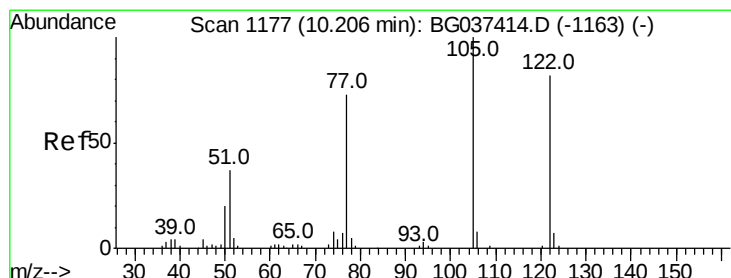
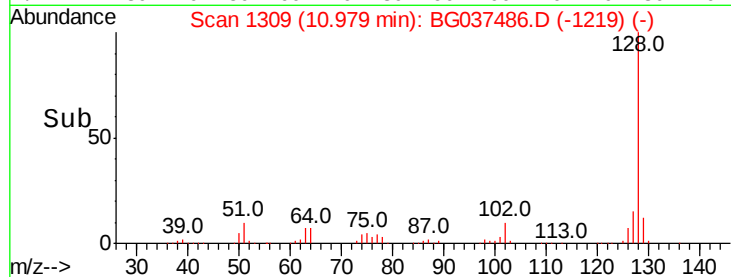
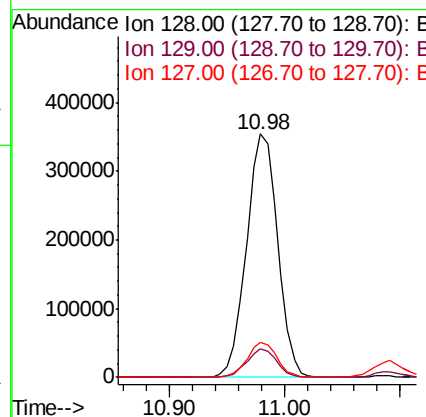
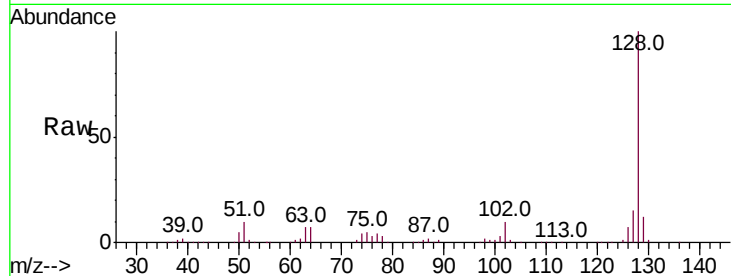
#31
Naphthalene
Concen: 43.690 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

Tot Ion:	128	Resp:	664988
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.0	13.6
127	14.6	11.1	16.7

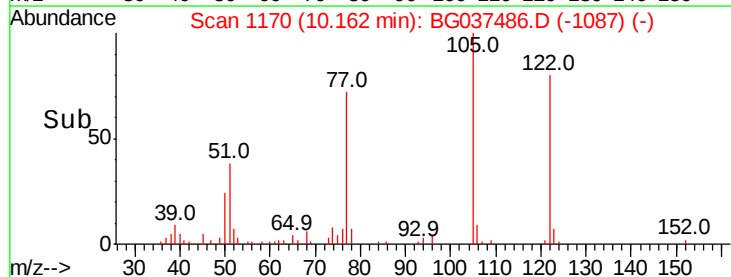
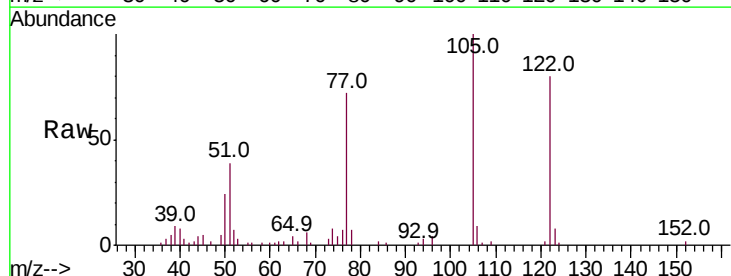
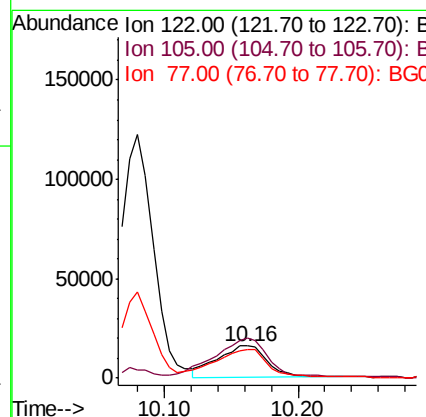
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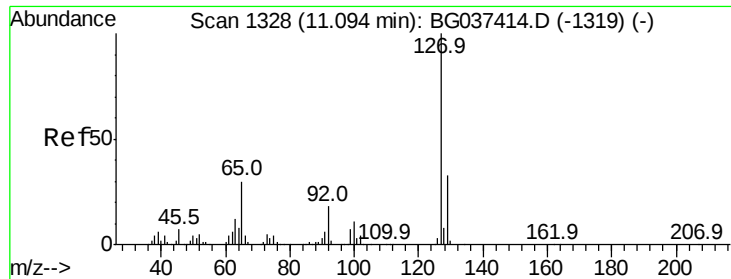
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#32
Benzoic acid
Concen: 13.681 ng
RT: 10.16 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion:	122	Resp:	41073
Ion Ratio	Lower	Upper	
122	100		
105	125.3	106.7	146.7
77	90.5	72.2	112.2





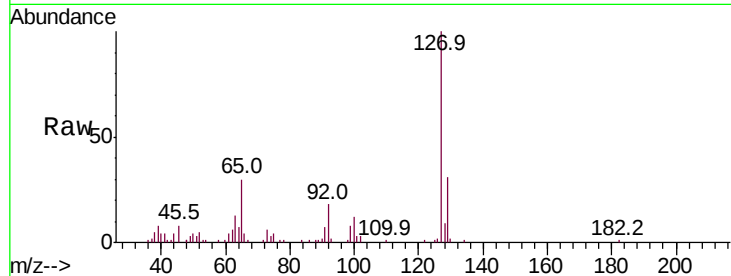
#33
4-Chloroaniline
Concen: 6.421 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

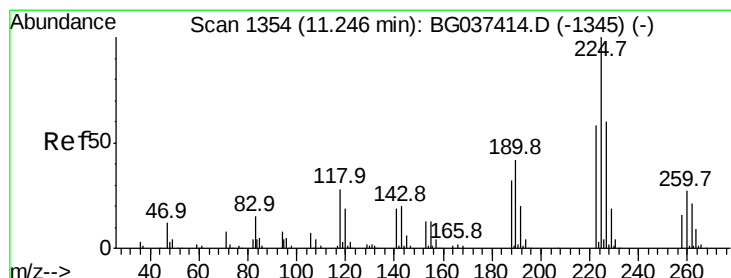
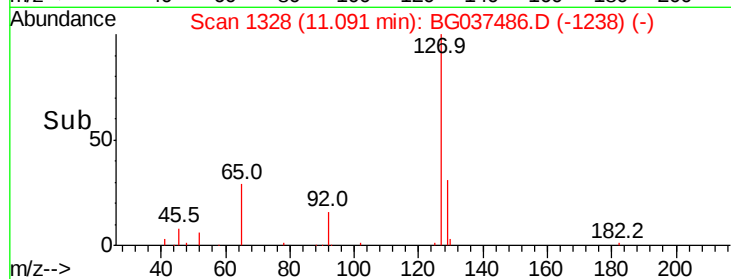
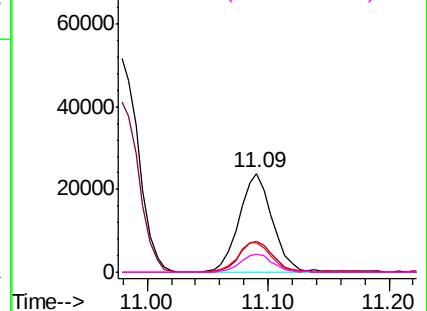
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.1	27.1	40.7	
65	30.0	26.6	39.8	
92	18.1	16.4	24.6	

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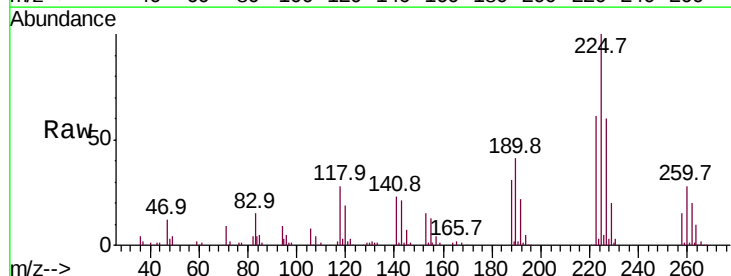


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

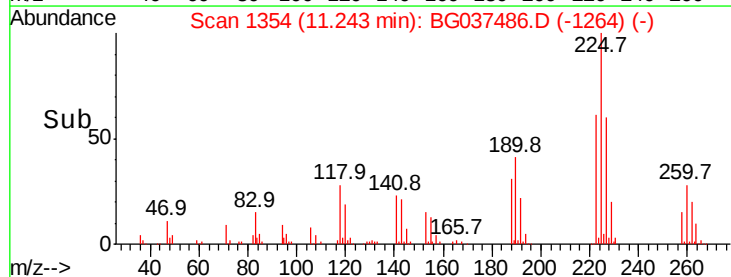
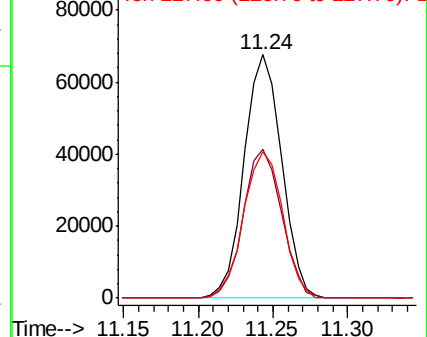


#34
Hexachlorobutadiene
Concen: 35.535 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	58.3	48.2	72.4	
227	59.9	51.6	77.4	



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





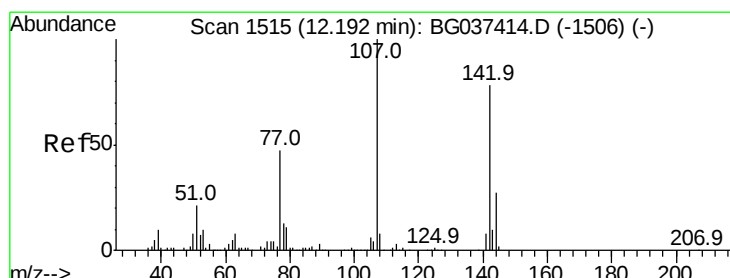
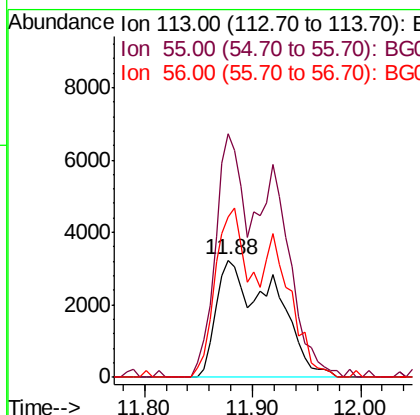
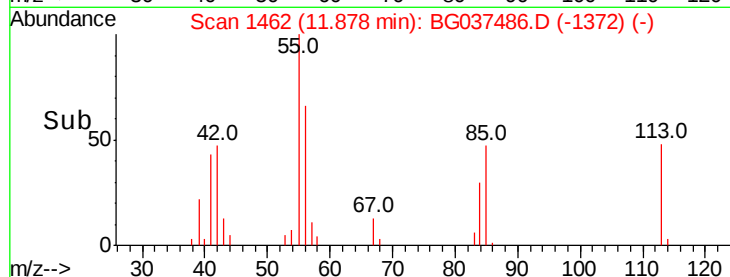
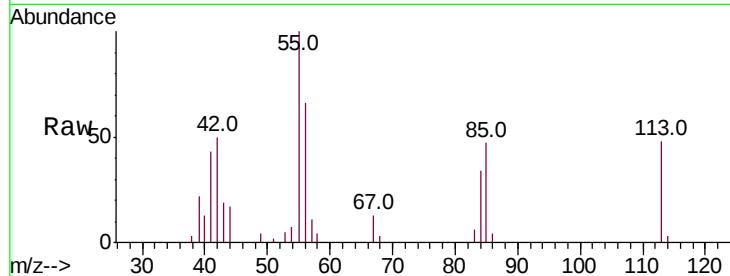
#35
 Caprolactam
 Concen: 5.857 ng/ml
 RT: 11.88 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Instrument :
 BNA_G
 ClientSampleId :
 PA-SW-01MSD

Tot Ion:113 Resp: 12090
 Ion Ratio Lower Upper
 113 100
 55 207.3 176.6 216.6
 56 136.4 128.3 168.3

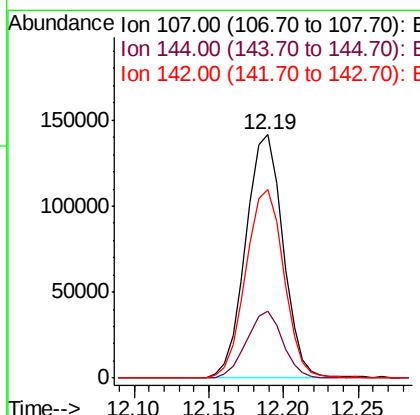
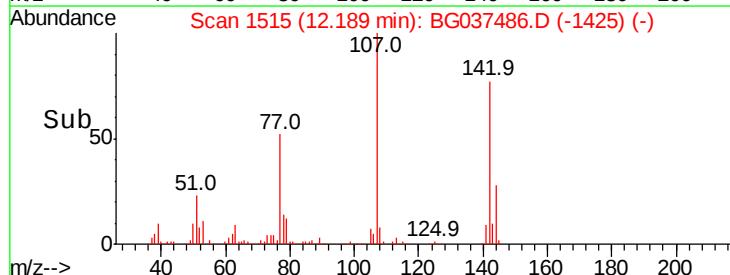
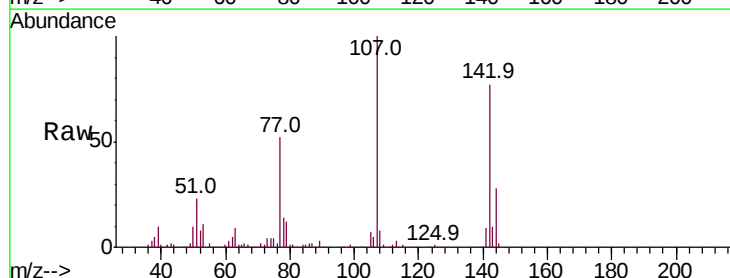
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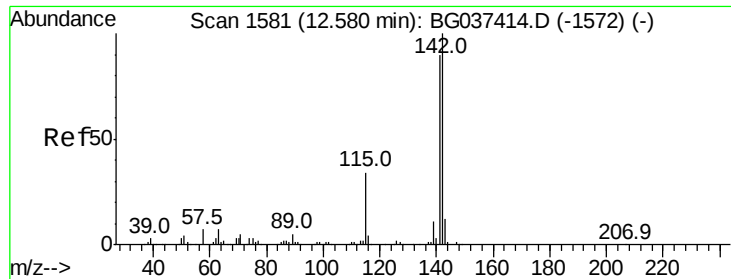
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#36
 4-Chloro-3-methylphenol
 Concen: 42.231 ng
 RT: 12.19 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Tgt Ion:107 Resp: 245109
 Ion Ratio Lower Upper
 107 100
 144 27.7 20.7 31.1
 142 77.3 64.4 96.6





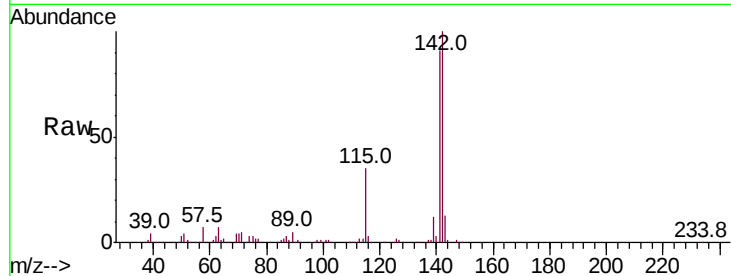
#37
2-Methylnaphthalene
Concen: 47.096 ng
RT: 12.58 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.9	107.9
115	34.5	27.8	41.8

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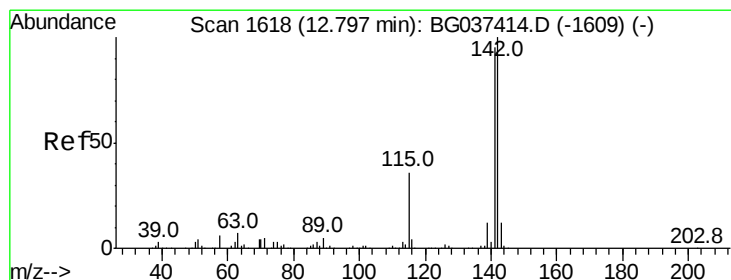
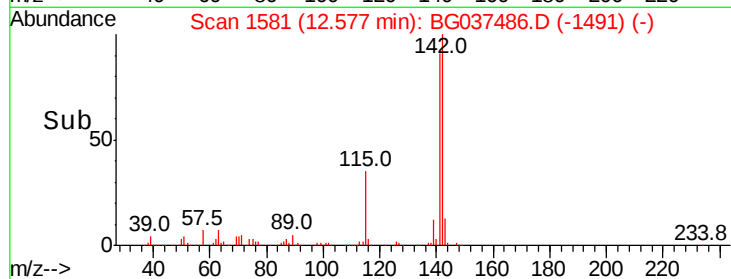
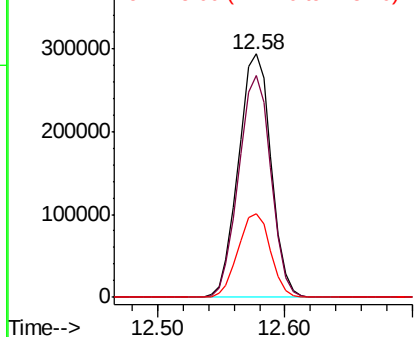


Abundance

Ion 142.00 (141.70 to 142.70): E

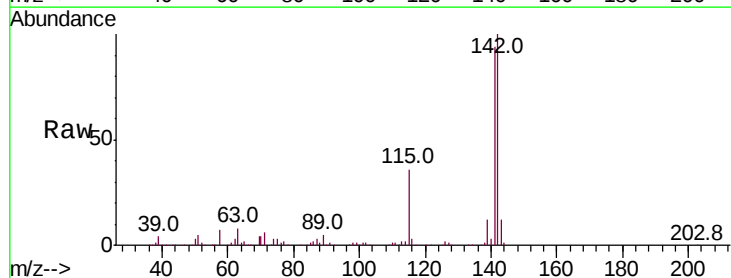
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.732 ng
RT: 12.79 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	75.2	112.8
116	3.5	3.3	4.9

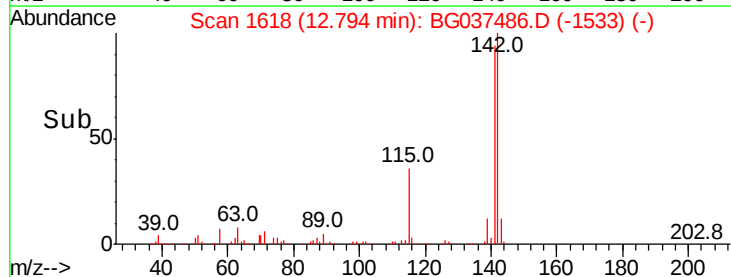
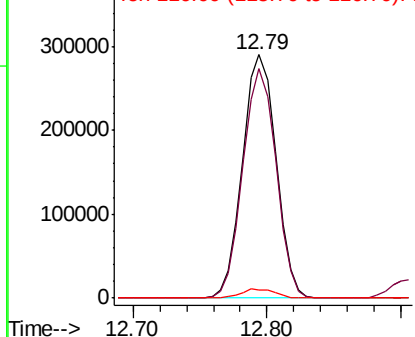


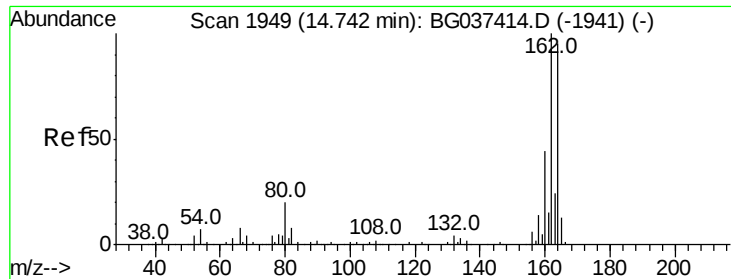
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





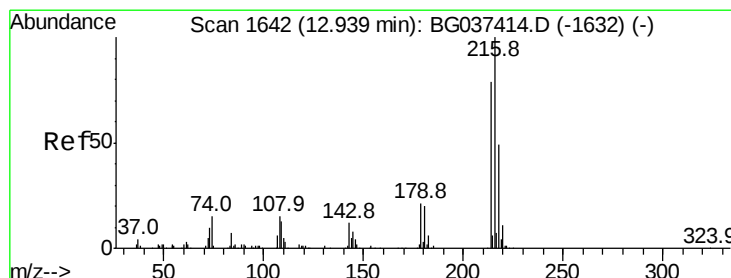
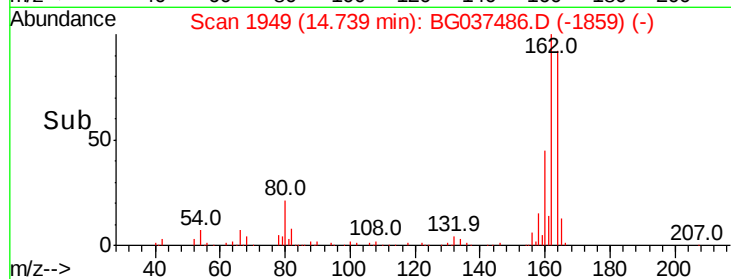
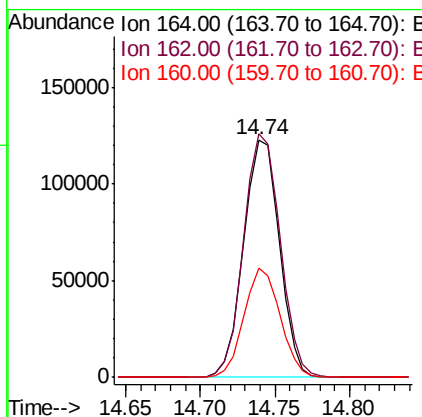
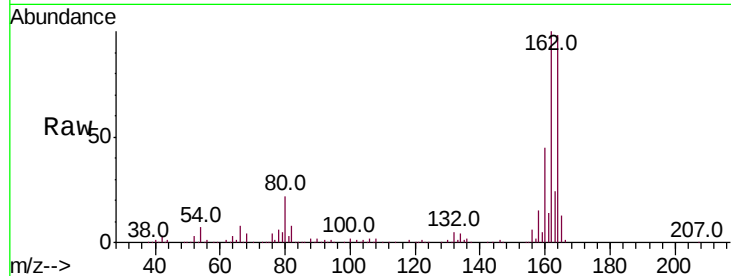
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	203660		
162	102.5	81.3	121.9	
160	46.0	36.3	54.5	

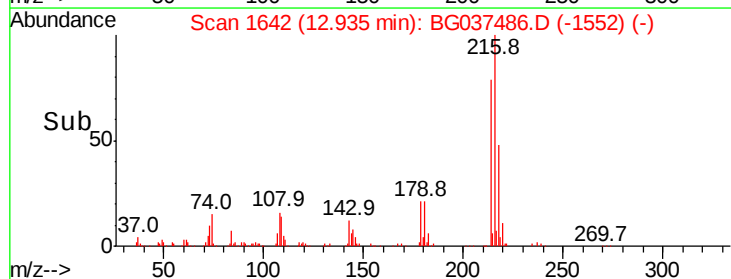
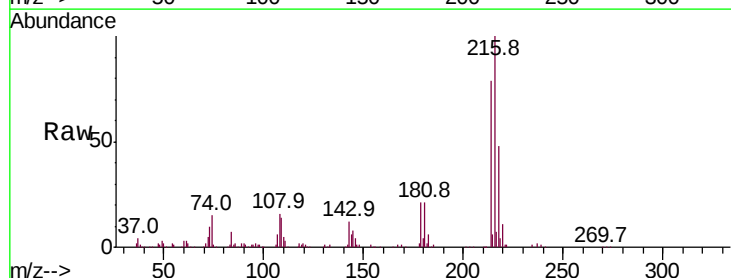
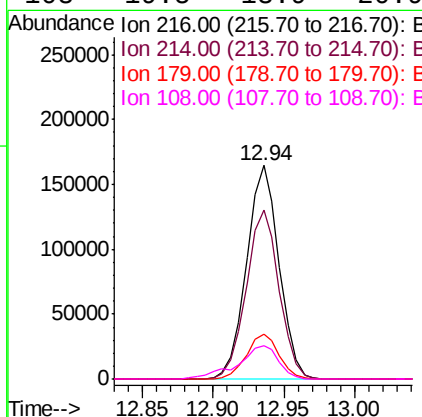
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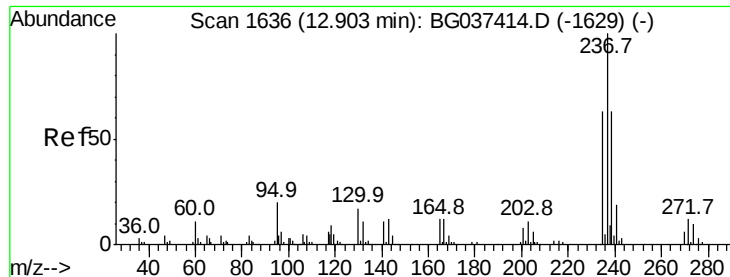
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.294 ng
RT: 12.94 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	264700		
214	80.1	63.8	95.6	
179	21.2	17.4	26.0	
108	19.5	13.9	20.9	





#41

Hexachlorocyclopentadiene

Concen: 97.346 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

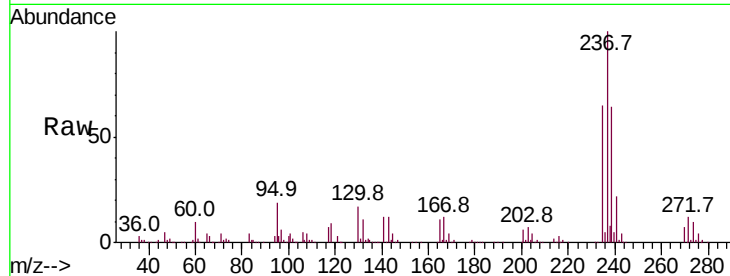
ClientSampleId :

PA-SW-01MSD

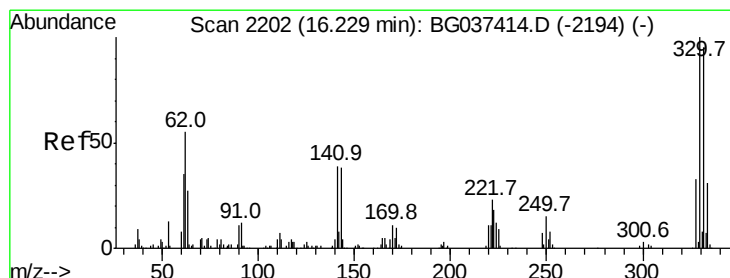
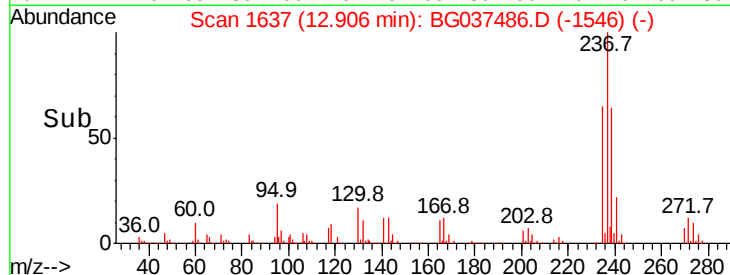
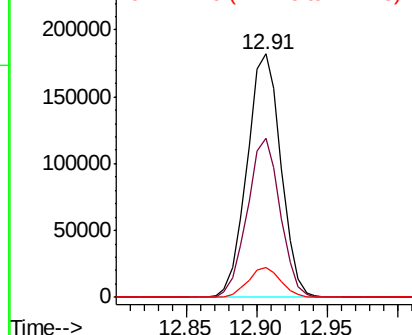
Tot Ion:	237	Resp:	305464
Ion Ratio	Lower	Upper	
237	100		
235	65.5	42.5	82.5
272	12.5	0.0	31.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 117.448 ng

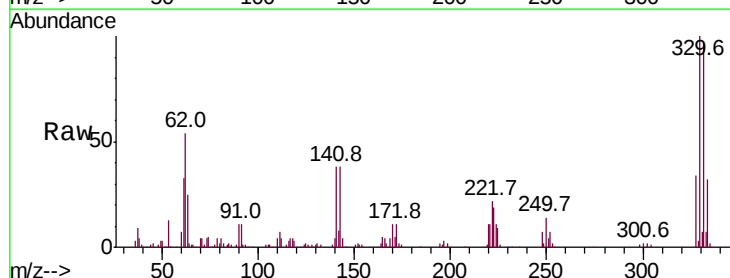
RT: 16.23 min Scan# 2203

Delta R.T. 0.00 min

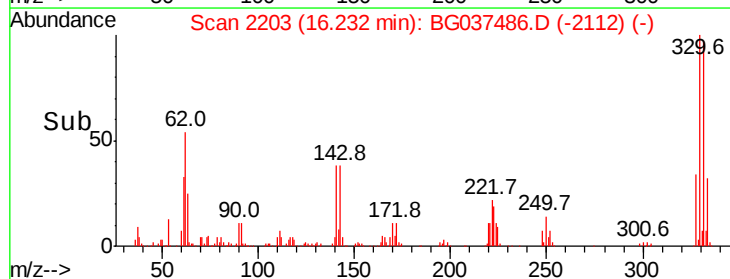
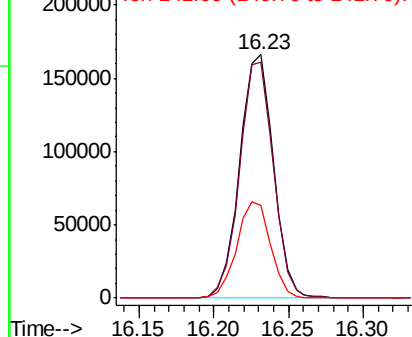
Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Tgt Ion:	330	Resp:	260888
Ion Ratio	Lower	Upper	
330	100		
332	96.9	78.4	117.6
141	39.9	32.2	48.2



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





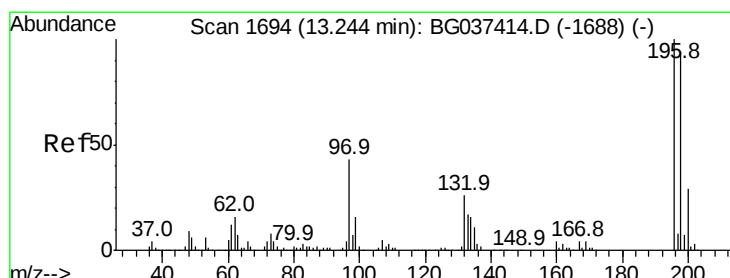
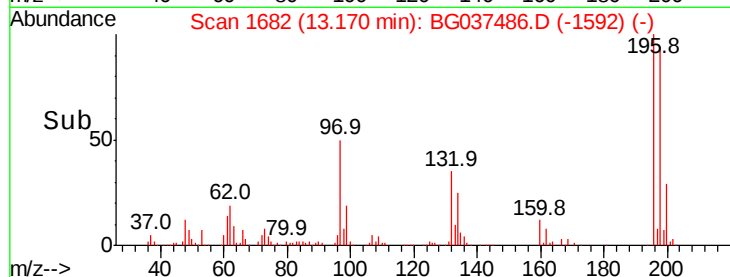
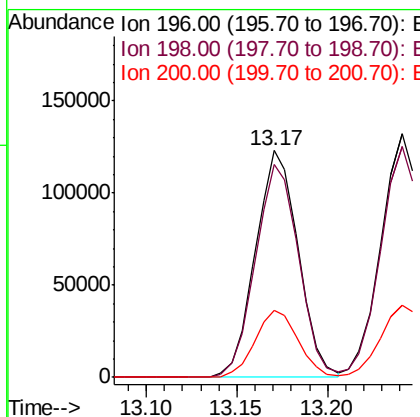
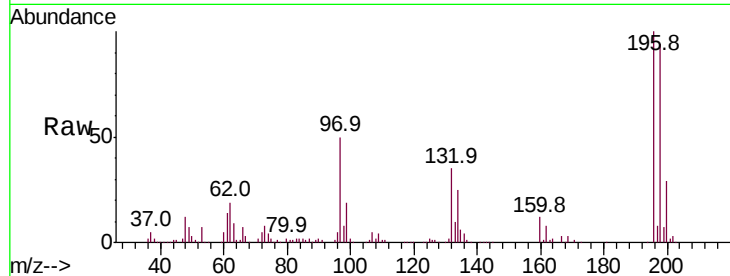
#43
 2,4,6-Trichlorophenol
 Concen: 45.991 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Instrument :
 BNA_G
 ClientSampleId :
 PA-SW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	201843		
198	93.8	76.4	114.6	
200	29.4	24.9	37.3	

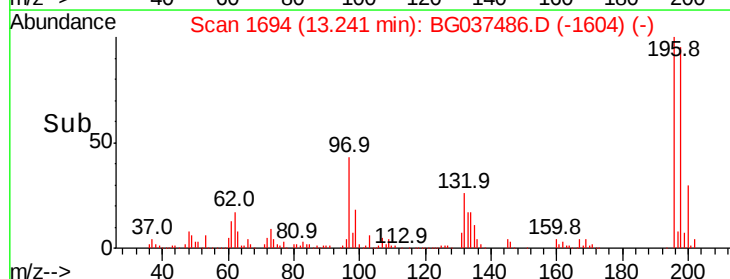
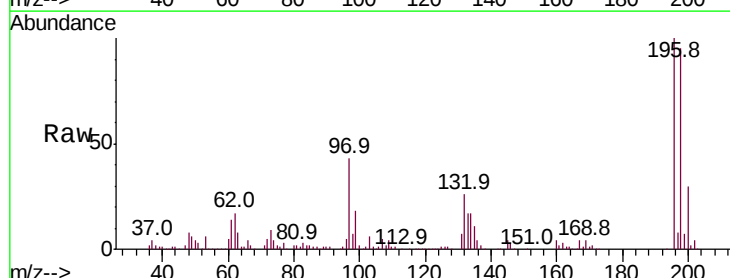
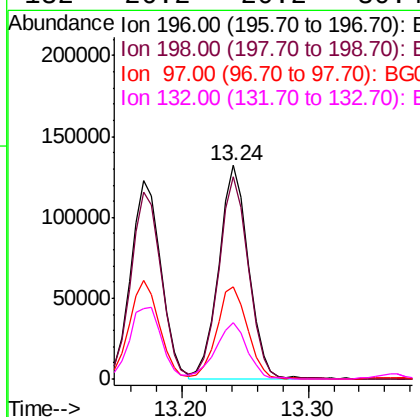
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#44
 2,4,5-Trichlorophenol
 Concen: 44.702 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	213602		
198	94.7	74.2	111.2	
97	43.3	34.1	51.1	
132	26.2	20.2	30.4	





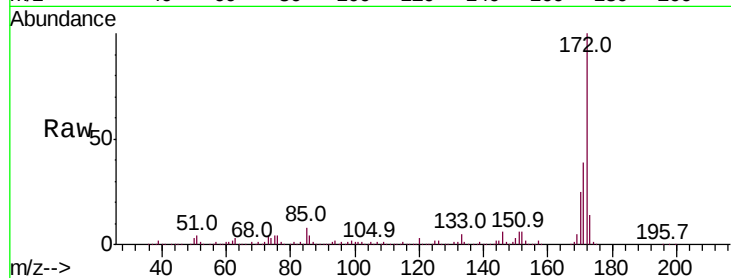
#45
2-Fluorobiphenyl
Concen: 74.355 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.0	46.4
170	25.3	20.2	30.2

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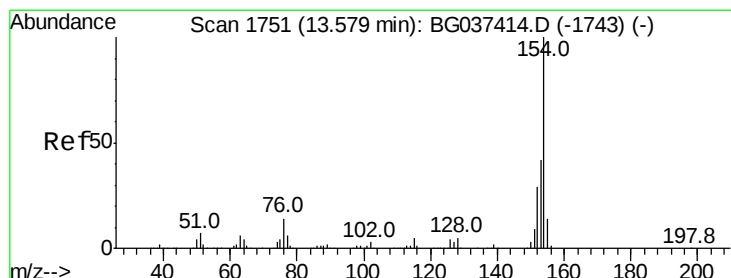
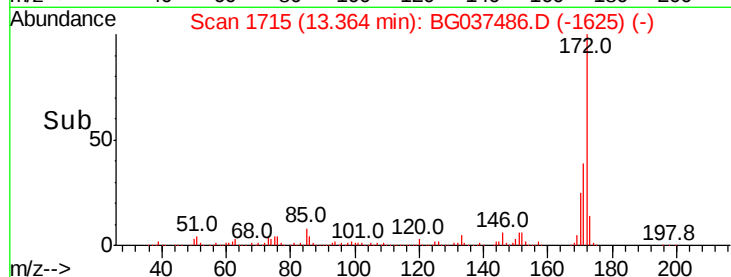
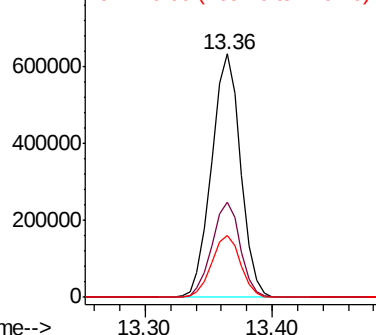


Abundance

Ion 172.00 (171.70 to 172.70): E

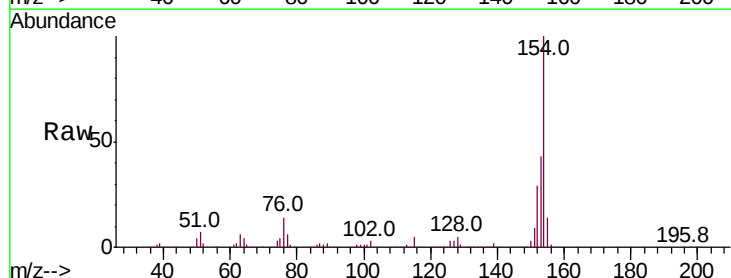
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.811 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	22.1	62.1
76	13.8	0.0	33.2

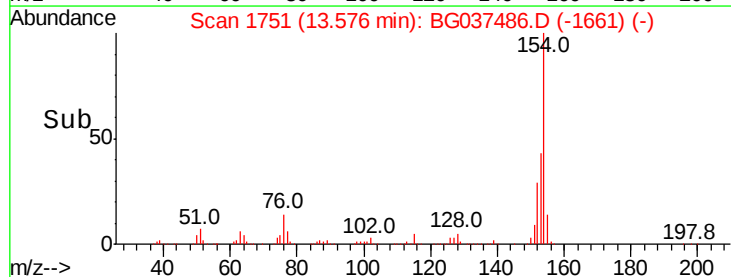
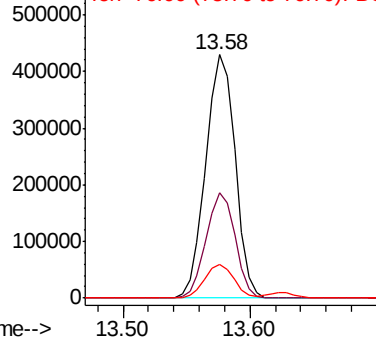


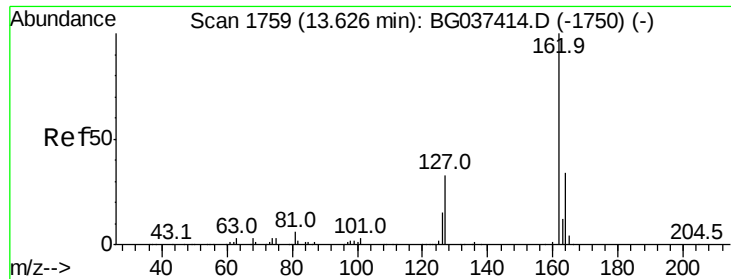
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





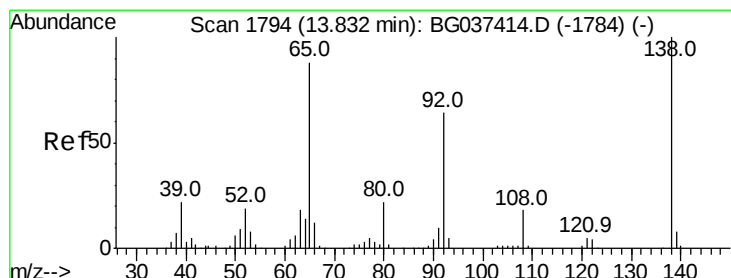
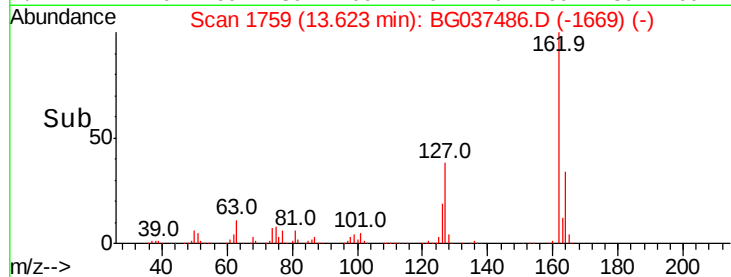
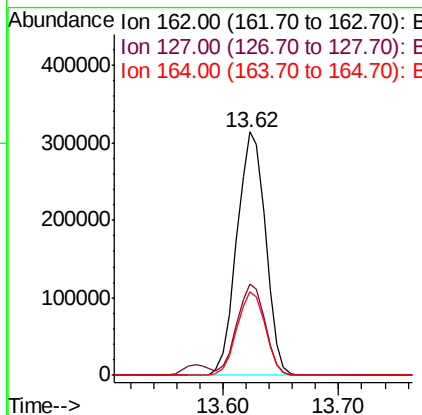
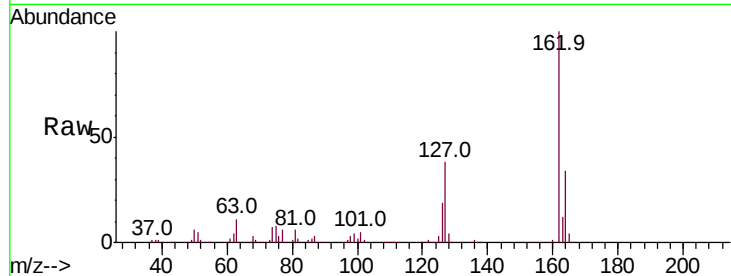
#47
 2-Chloronaphthalene
 Concen: 42.233 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Instrument :
 BNA_G
 ClientSampleId :
 PA-SW-01MSD

Tot Ion:	162	Resp:	538902
Ion Ratio	Lower	Upper	
162	100		
127	37.6	30.5	45.7
164	34.2	26.4	39.6

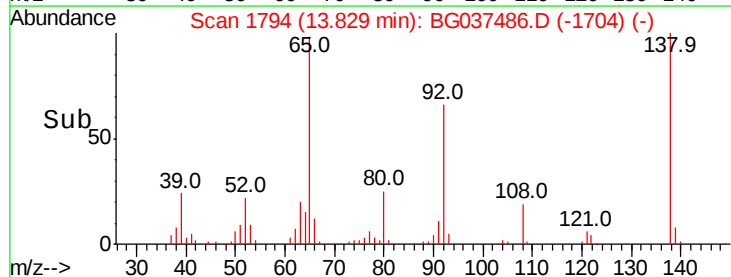
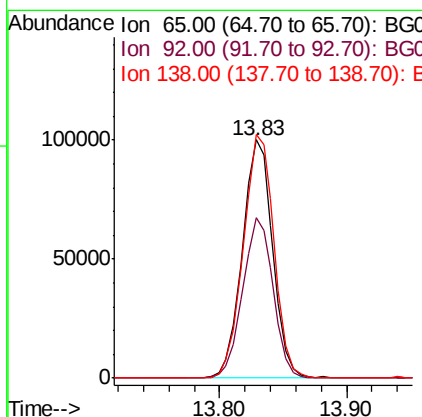
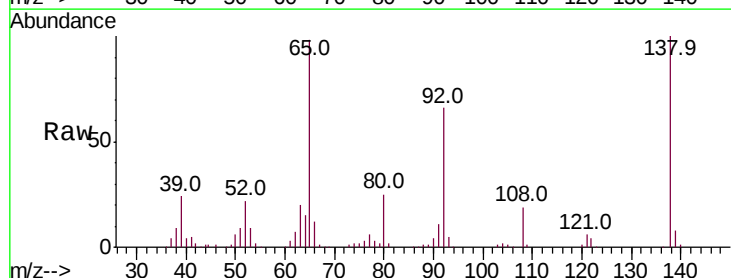
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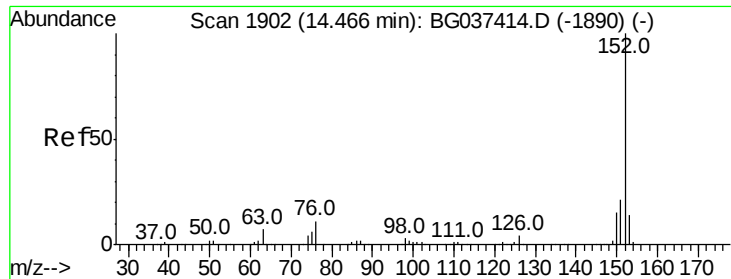
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#48
 2-Nitroaniline
 Concen: 42.886 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Tgt Ion:	65	Resp:	165951
Ion Ratio	Lower	Upper	
65	100		
92	67.2	53.2	79.8
138	102.3	79.3	118.9





#49

Acenaphthylene

Concen: 46.725 ng

RT: 14.47 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

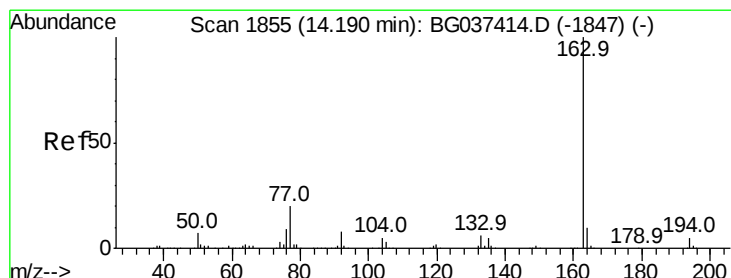
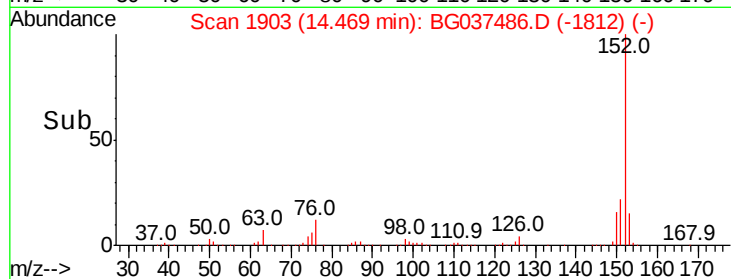
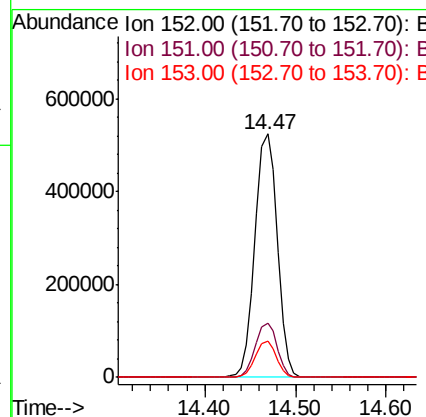
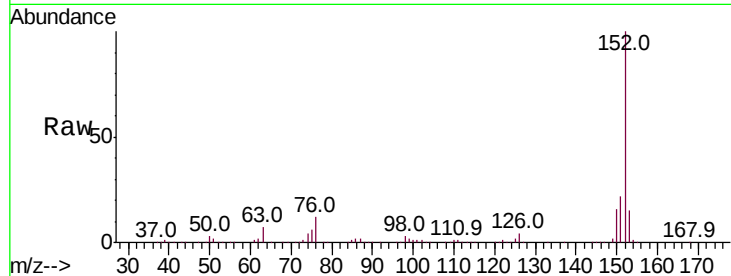
ClientSampleId :

PA-SW-01MSD

Tot Ion:	152	Resp:	896877
Ion Ratio	Lower	Upper	
152	100		
151	22.2	17.1	25.7
153	14.7	11.1	16.7

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#50

Dimethylphthalate

Concen: 47.897 ng

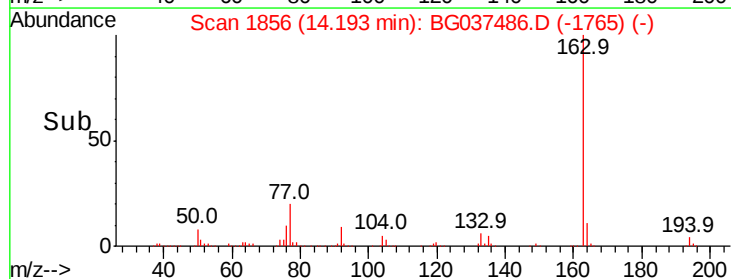
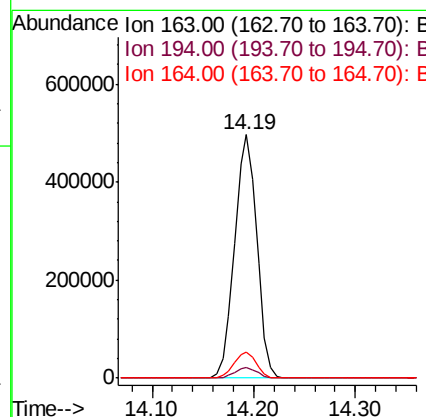
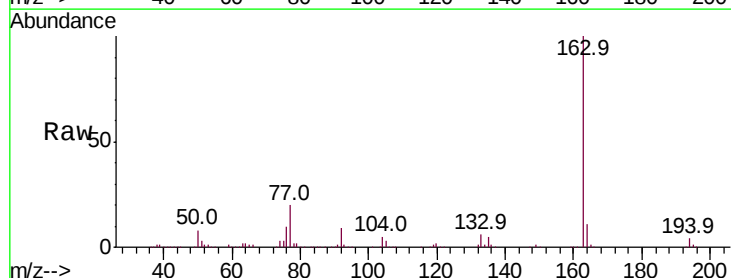
RT: 14.19 min Scan# 1856

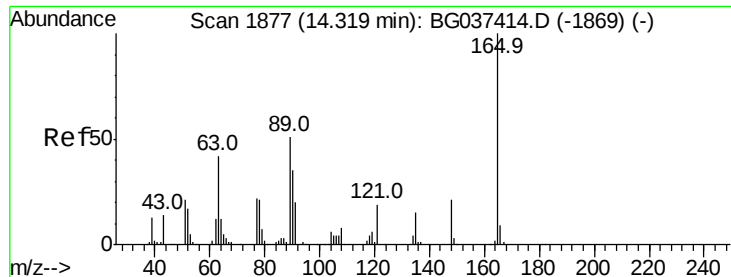
Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Tgt Ion:	163	Resp:	754641
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	10.8	8.5	12.7





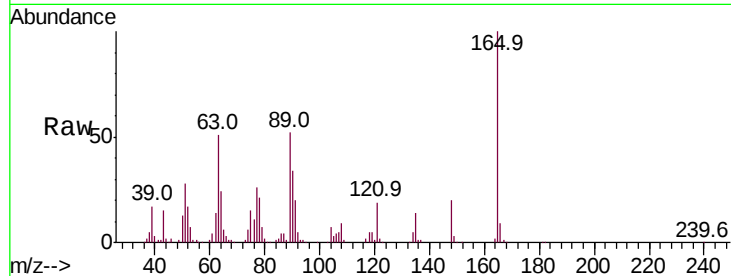
#51
2,6-Dinitrotoluene
Concen: 46.580 ng
RT: 14.32 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

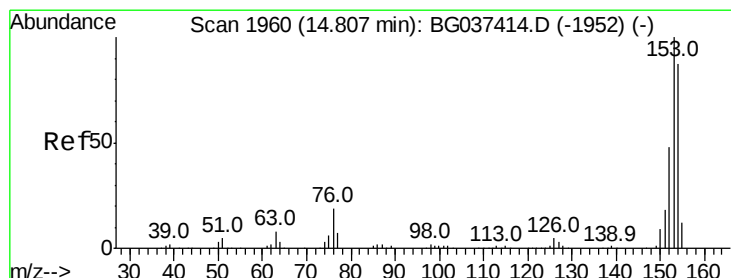
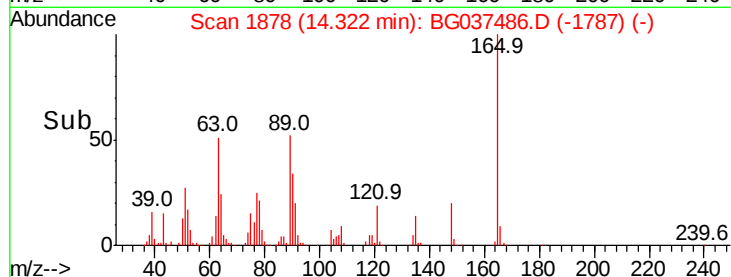
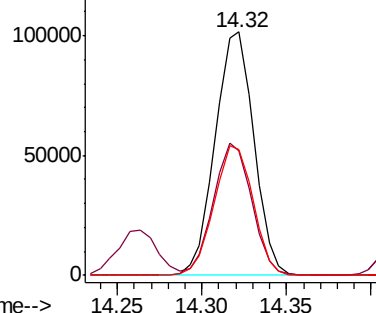
Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	51.3	43.4	65.2
89	51.9	45.8	68.6

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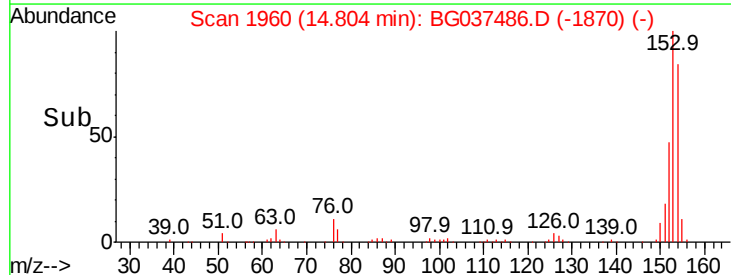
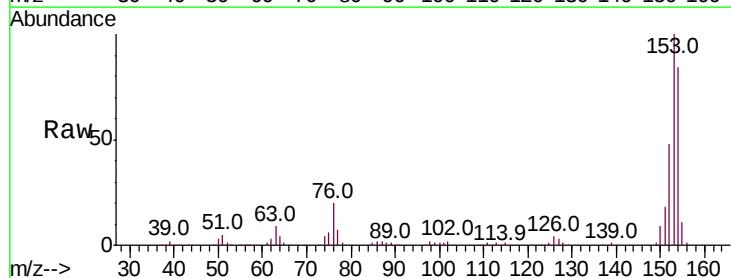
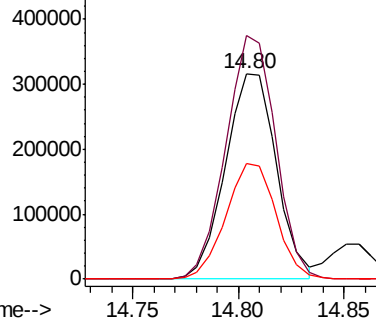
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

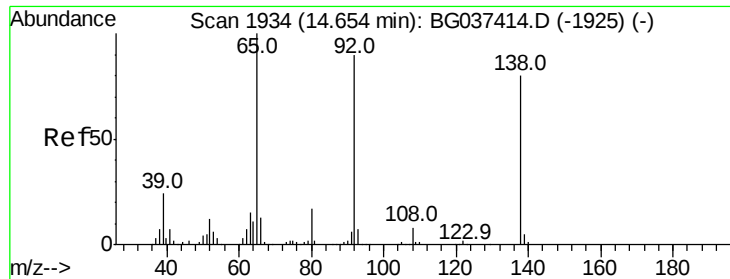


#52
Acenaphthene
Concen: 44.939 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	118.5	93.4	140.0
152	56.5	44.7	67.1

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





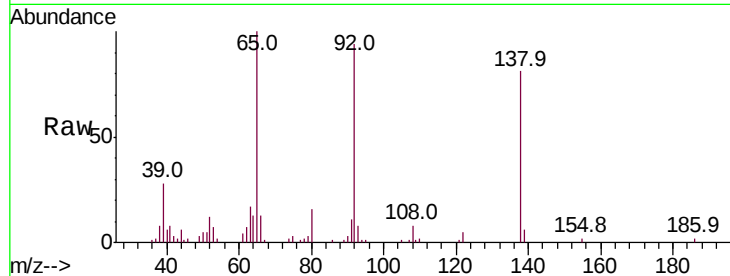
#53
3-Nitroaniline
Concen: 6.170 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

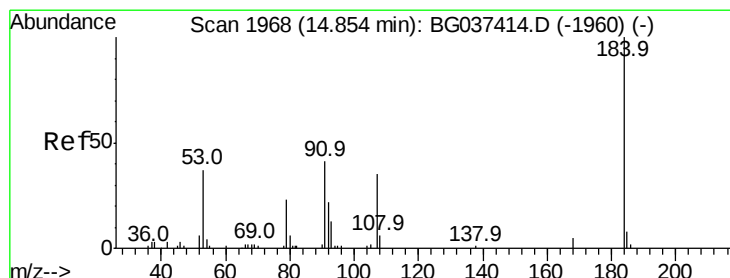
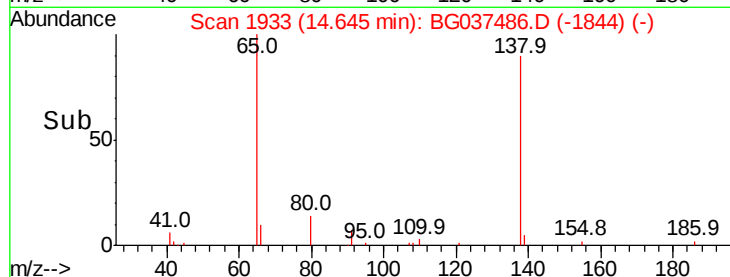
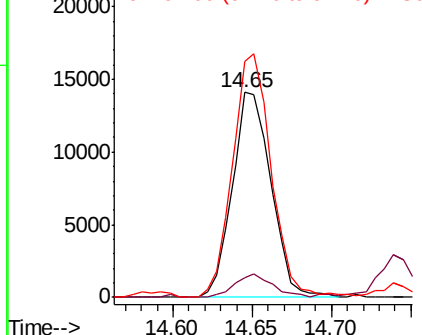
Tot Ion:138 Resp: 23872
Ion Ratio Lower Upper
138 100
108 9.9 11.0 16.6#
92 115.2 95.2 142.8

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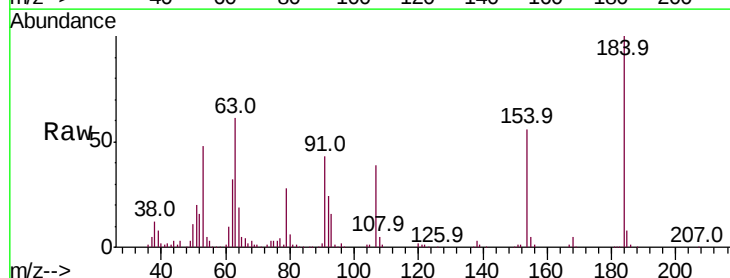


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

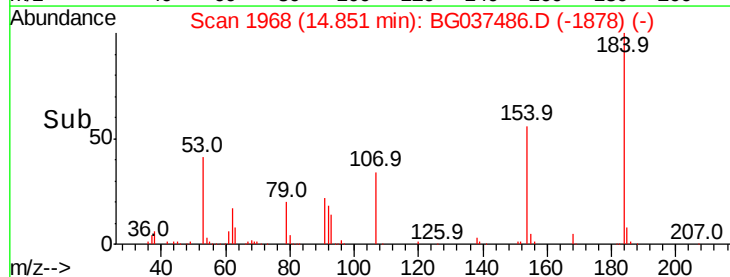
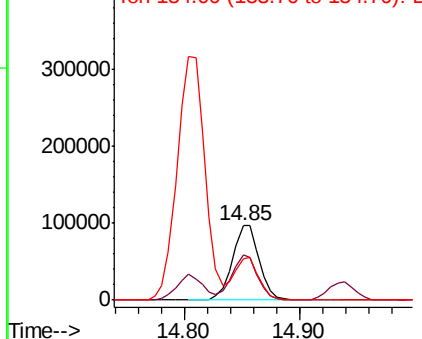


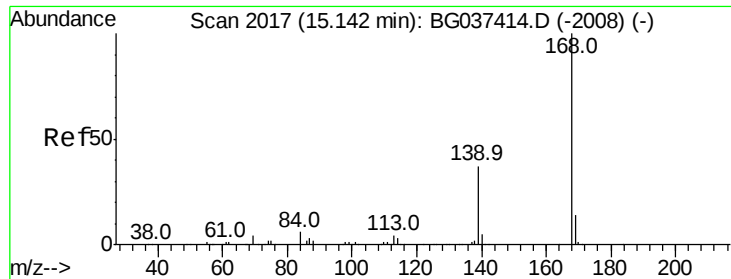
#54
2,4-Dinitrophenol
Concen: 91.945 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion:184 Resp: 156175
Ion Ratio Lower Upper
184 100
63 61.4 42.6 63.8
154 55.7 41.8 62.6



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





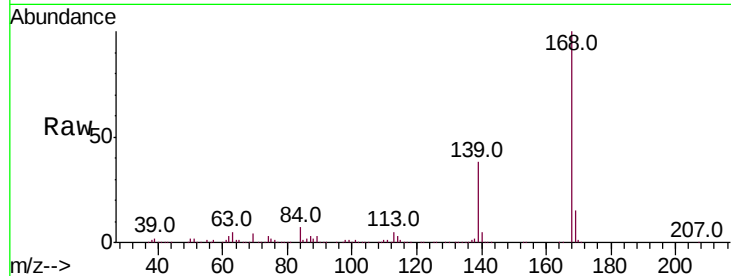
#55
Dibenzenofuran
Concen: 43.249 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.4	44.0
169	14.7	11.0	16.6

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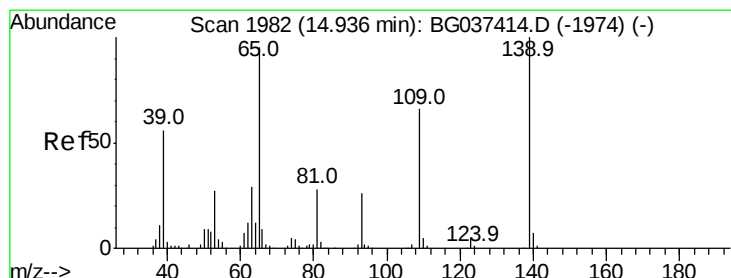
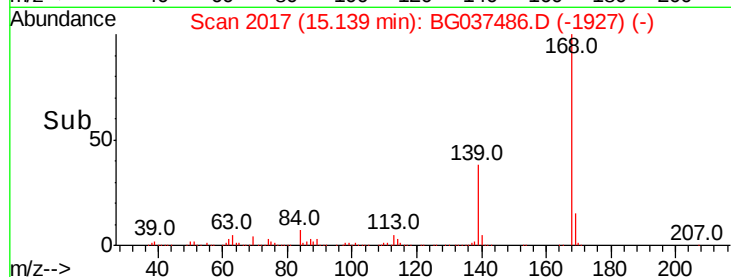
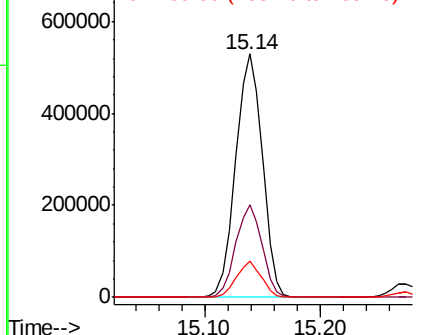


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 48.329 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

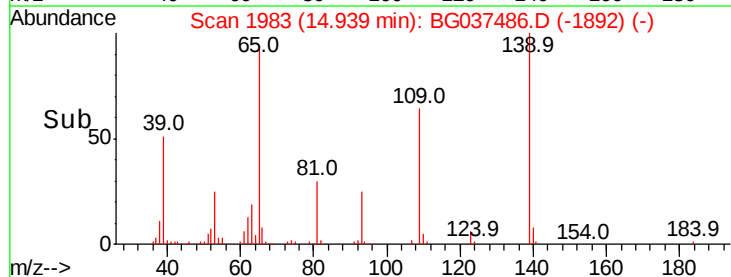
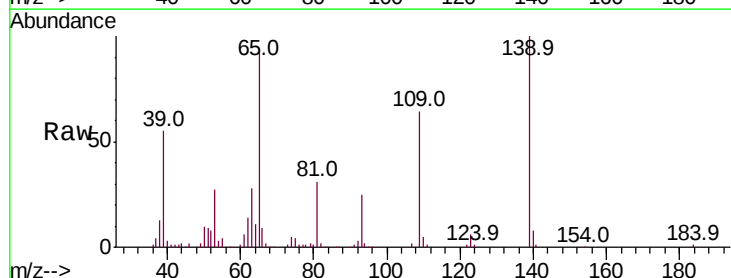
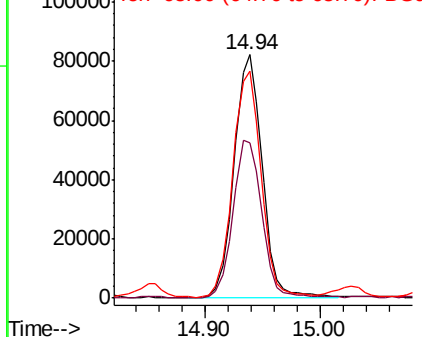
Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.0	49.5	89.5
65	93.4	76.8	116.8

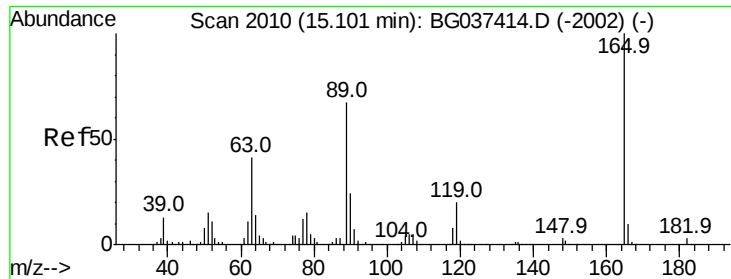
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





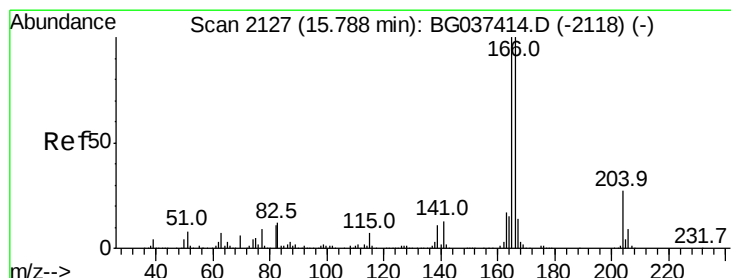
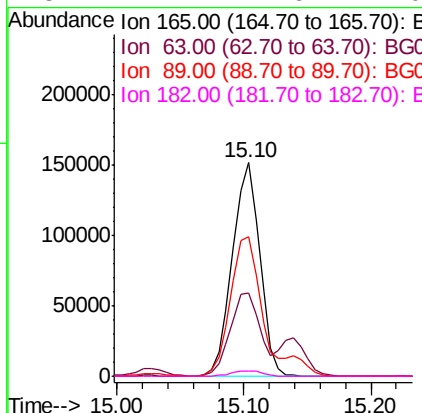
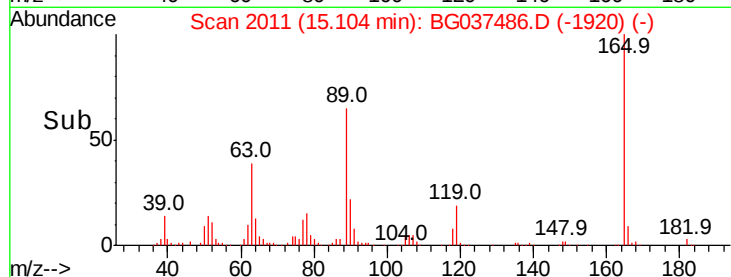
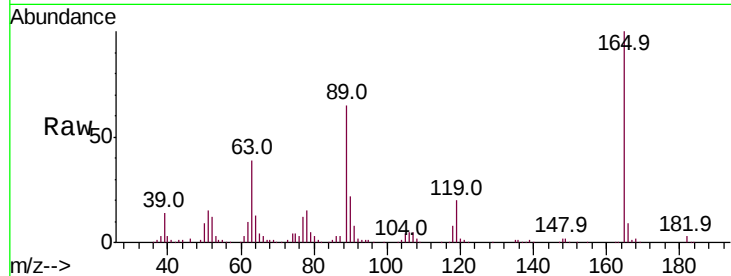
#57
2,4-Dinitrotoluene
Concen: 49.772 ng
RT: 15.10 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	227719		
63	39.0		33.4	50.0
89	65.0		57.2	85.8
182	2.7		2.6	4.0

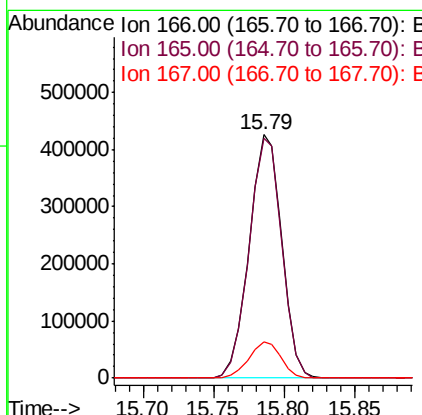
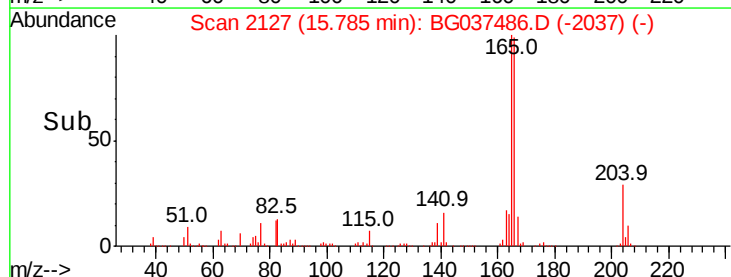
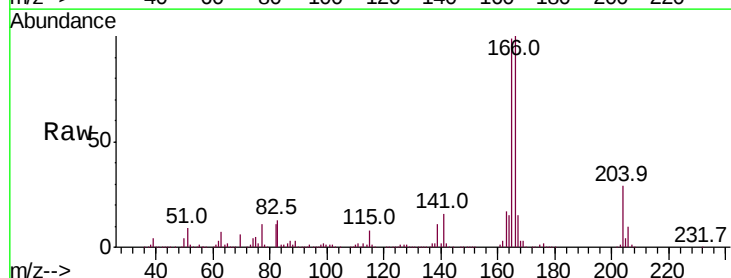
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#58
Fluorene
Concen: 46.959 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	688761		
165	98.6		79.0	118.6
167	14.8		11.3	16.9





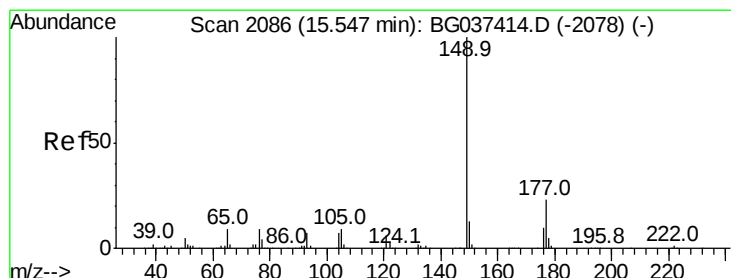
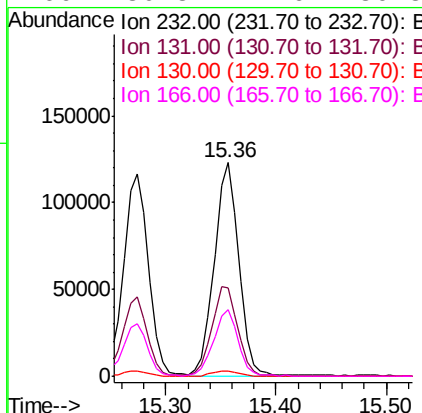
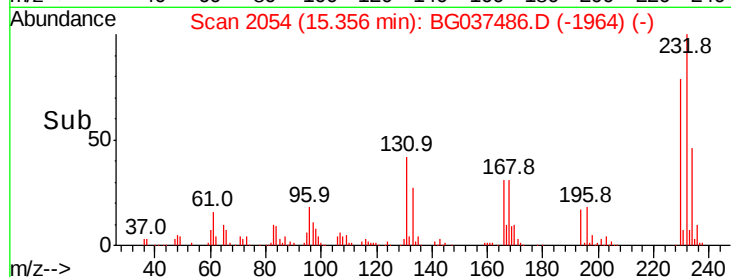
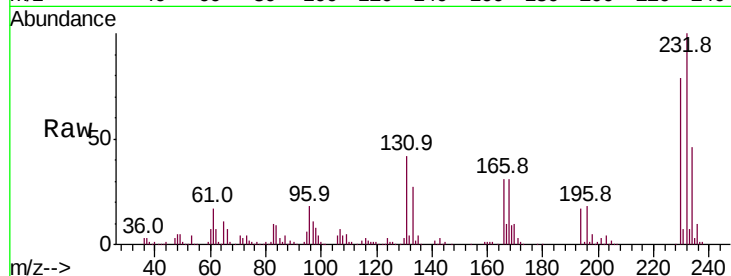
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.638 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Instrument :
 BNA_G
 ClientSampleId :
 PA-SW-01MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.6	33.7	50.5
130	2.7	2.1	3.1
166	30.8	24.6	36.8

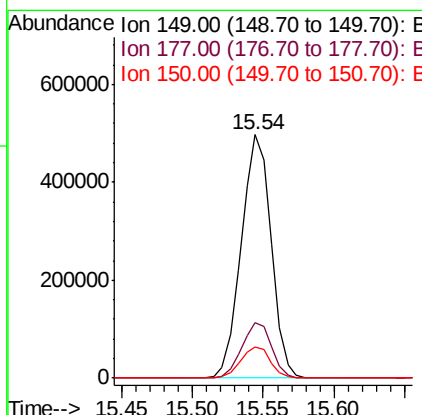
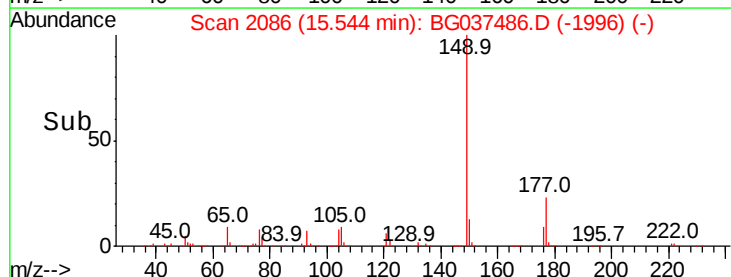
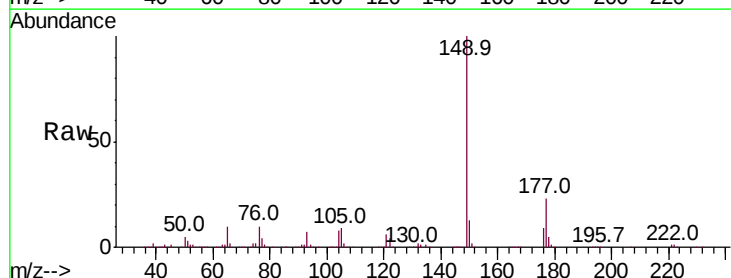
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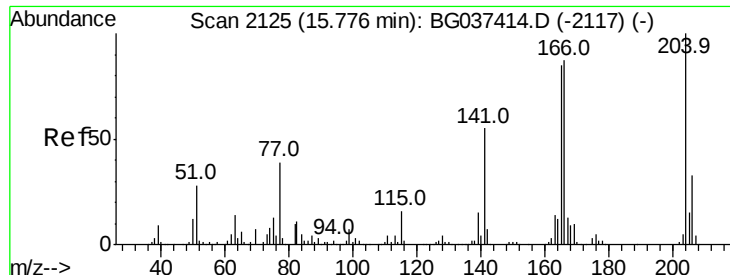
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#60
 Diethylphthalate
 Concen: 45.440 ng
 RT: 15.54 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	13.0	10.0	15.0





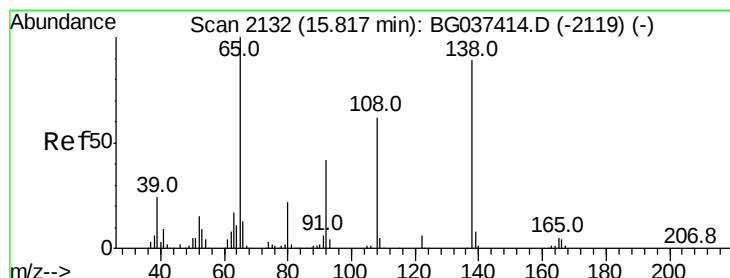
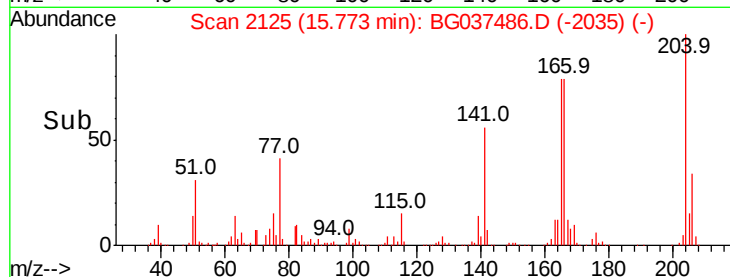
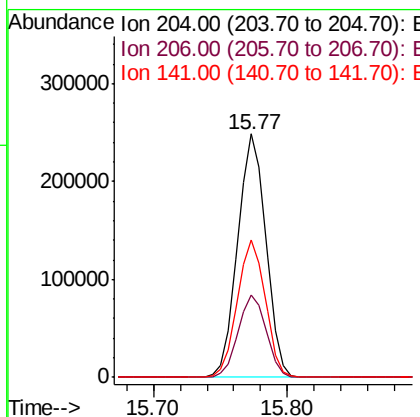
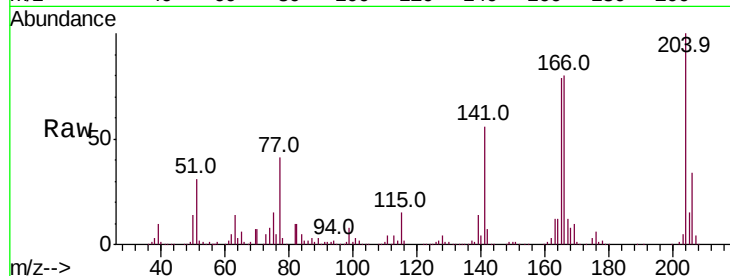
#61
4-Chlorophenyl-phenylether
Concen: 42.561 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	363857		
206	33.9	26.6	39.8	
141	56.3	45.4	68.2	

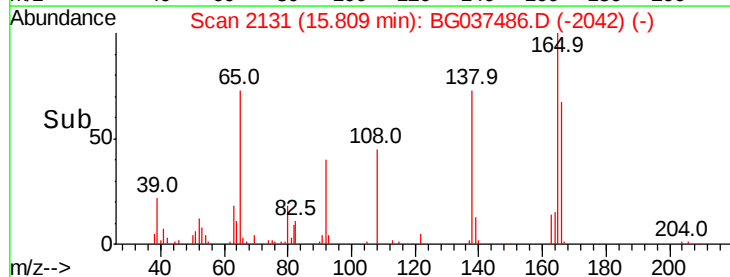
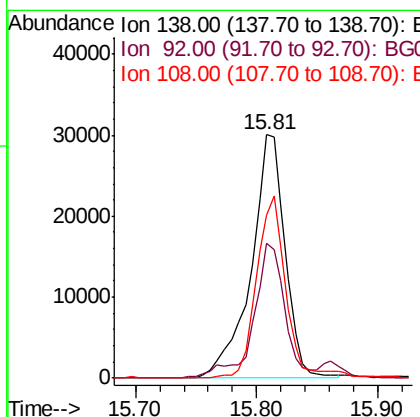
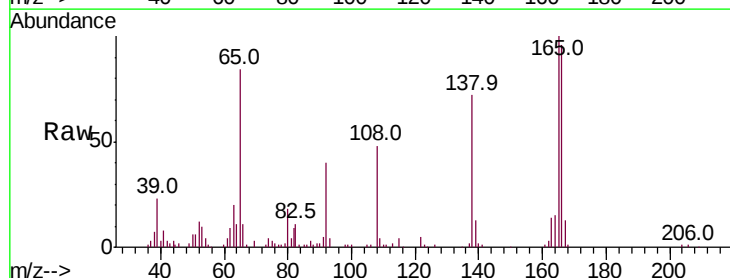
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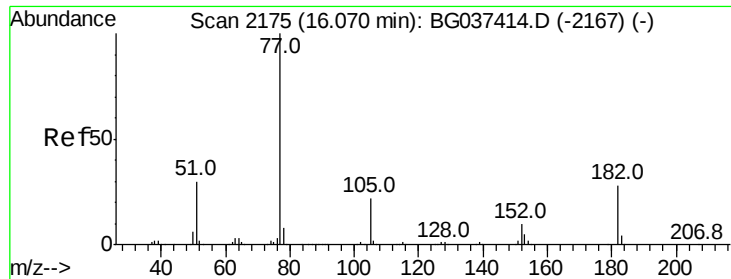
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#62
4-Nitroaniline
Concen: 15.318 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	58894		
92	55.5	36.4	76.4	
108	67.1	60.1	100.1	





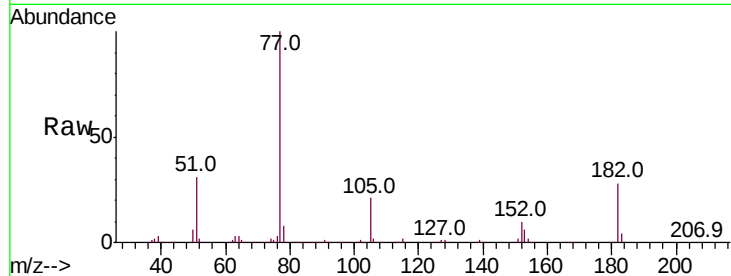
#63
Azobenzene
Concen: 45.602 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

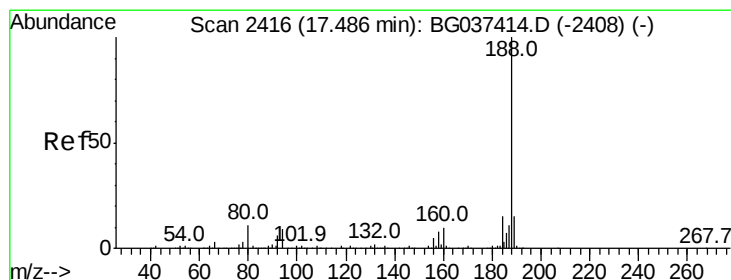
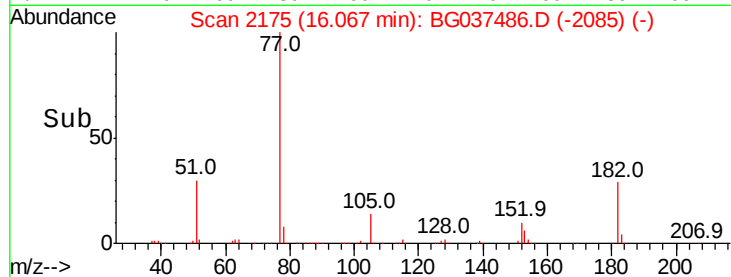
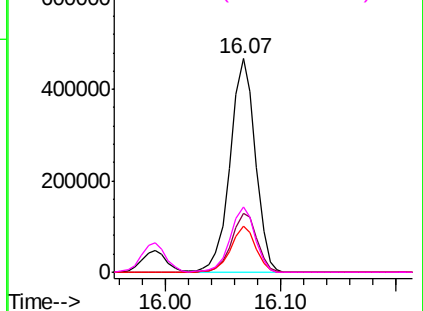
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.7	8.0	48.0
105	21.3	1.3	41.3
51	30.9	10.7	50.7

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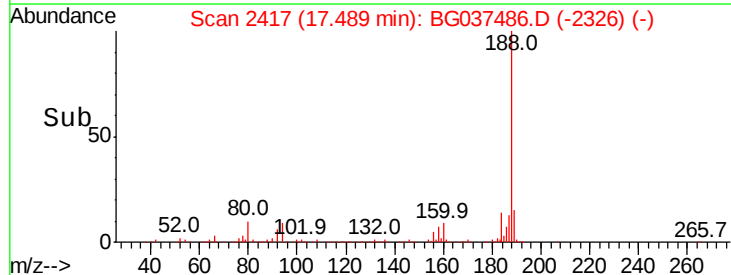
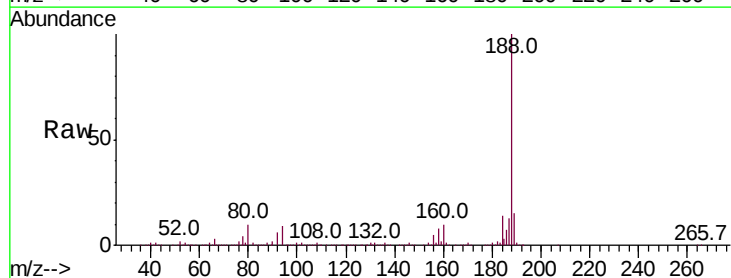
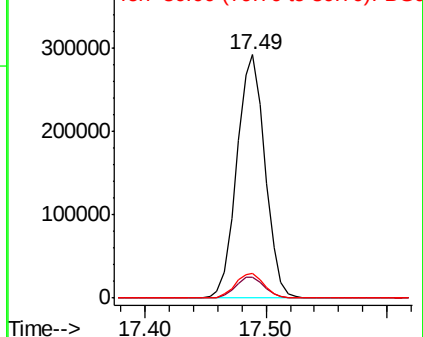
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

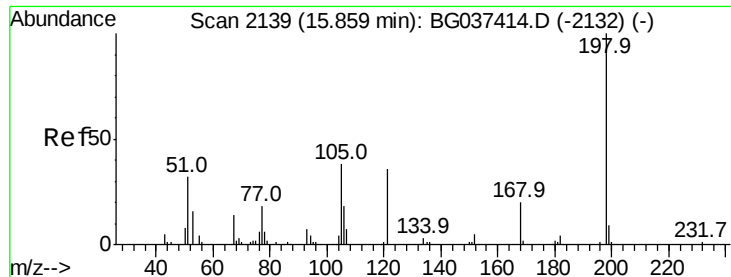


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	10.3	7.7	11.5

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 45.899 ng

RT: 15.86 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

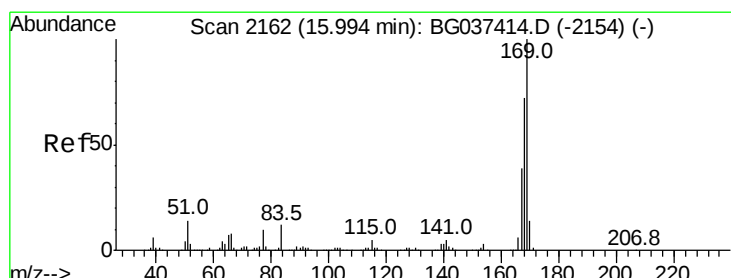
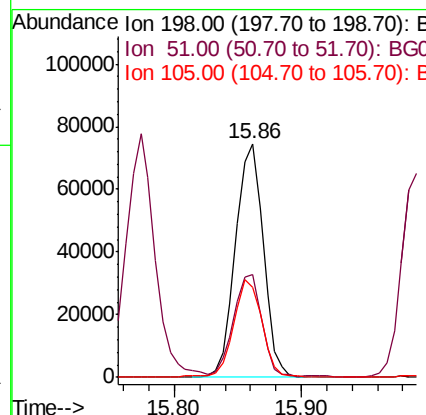
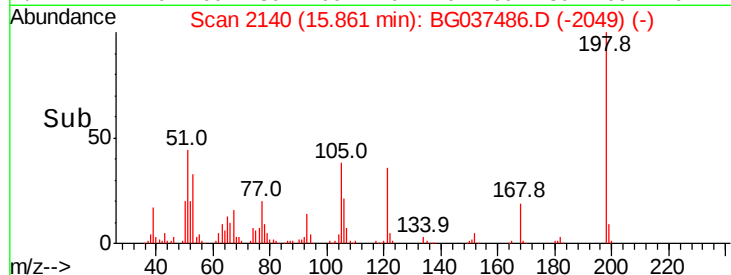
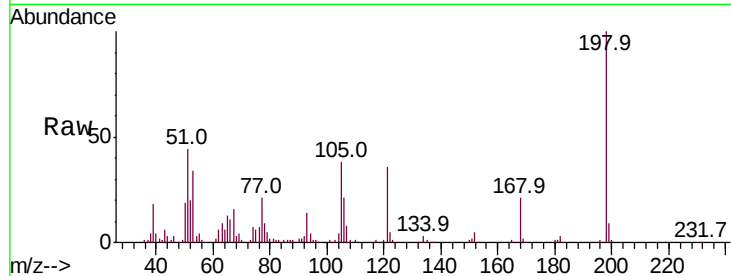
ClientSampleId :

PA-SW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	113116		
51	43.9	22.7	62.7	
105	38.4	19.7	59.7	

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#66

n-Nitrosodiphenylamine

Concen: 43.957 ng

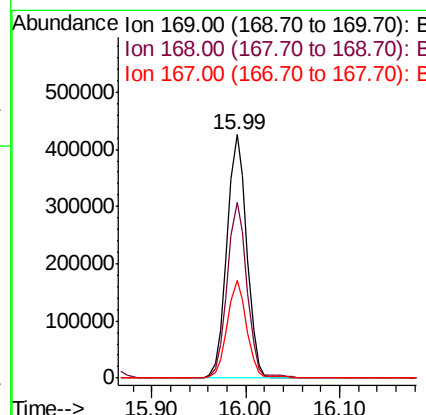
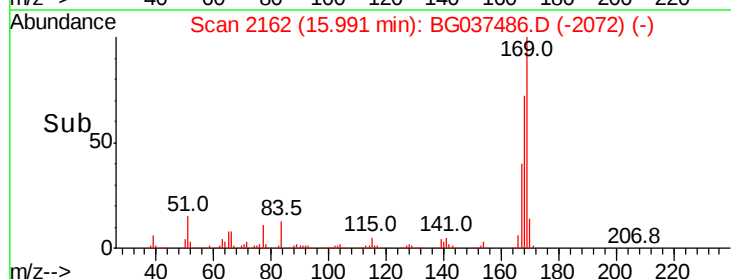
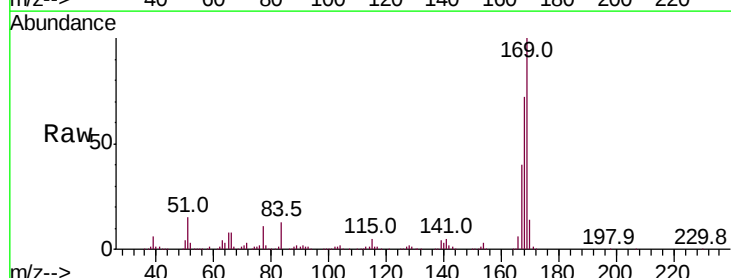
RT: 15.99 min Scan# 2162

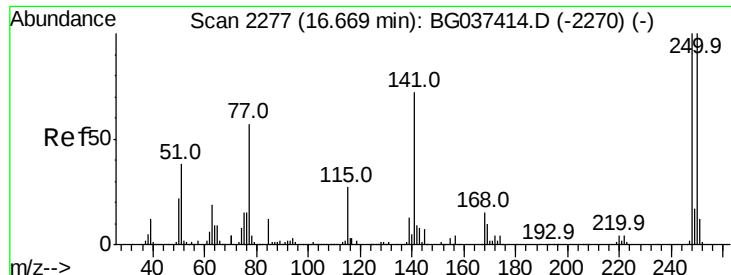
Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	627146		
168	72.0	55.7	83.5	
167	40.2	31.3	46.9	





#67

4-Bromophenyl-phenylether

Concen: 43.489 ng

RT: 16.67 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

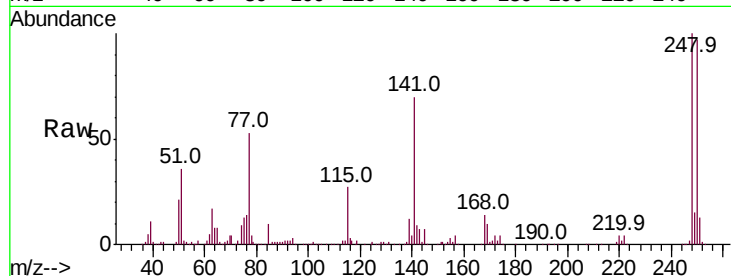
ClientSampleId :

PA-SW-01MSD

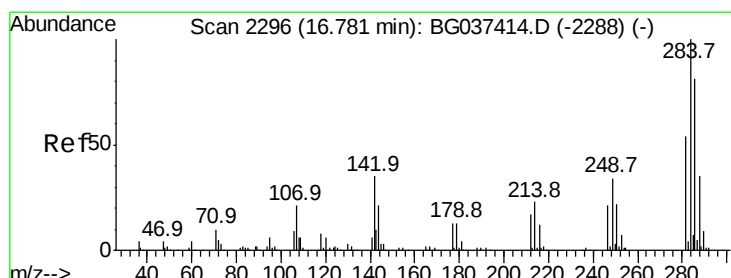
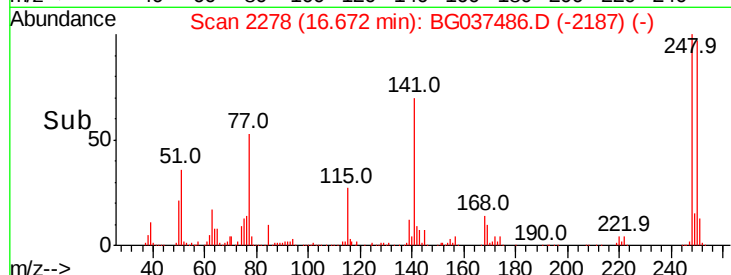
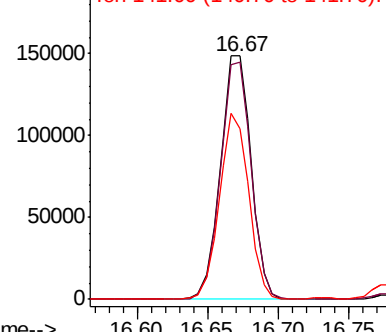
Tot Ion:	248	Resp:	226523
Ion Ratio	Lower	Upper	
248	100		
250	97.5	77.0	115.6
141	70.0	55.5	83.3

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Abundance Ion 248.00 (247.70 to 248.70): E
200000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 42.009 ng

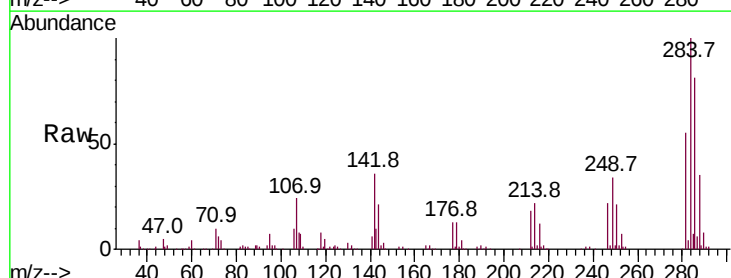
RT: 16.78 min Scan# 2296

Delta R.T. -0.00 min

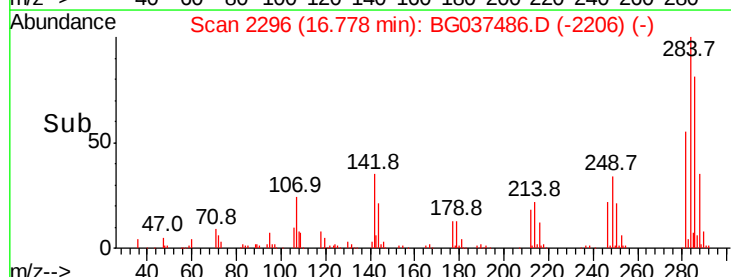
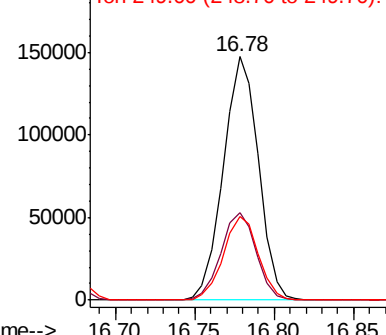
Lab File: BG037486.D

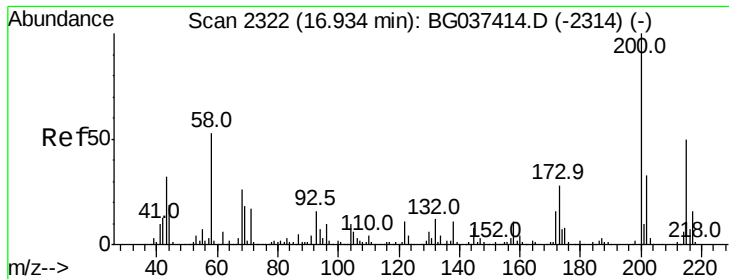
Acq: 23 Oct 2018 21:27

Tgt Ion:	284	Resp:	226780
Ion Ratio	Lower	Upper	
284	100		
142	36.1	28.1	42.1
249	36.6	29.8	44.8



Abundance Ion 283.80 (283.50 to 284.50): E
200000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





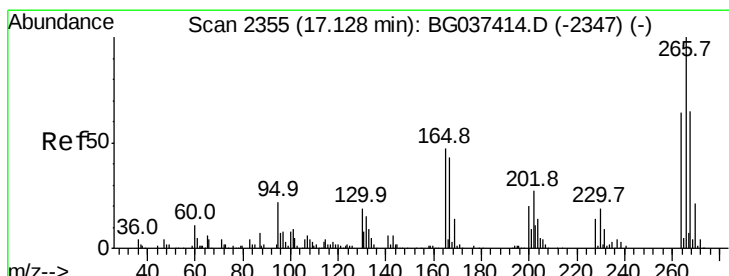
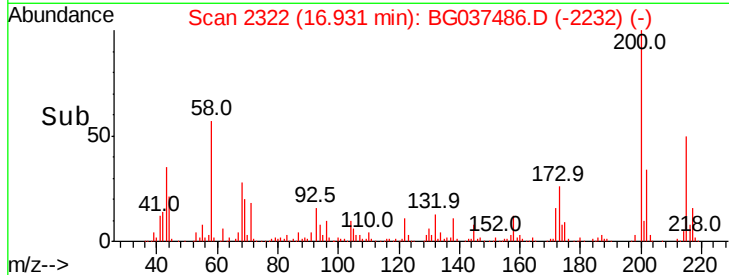
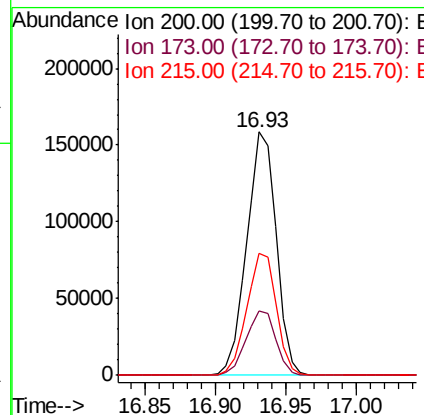
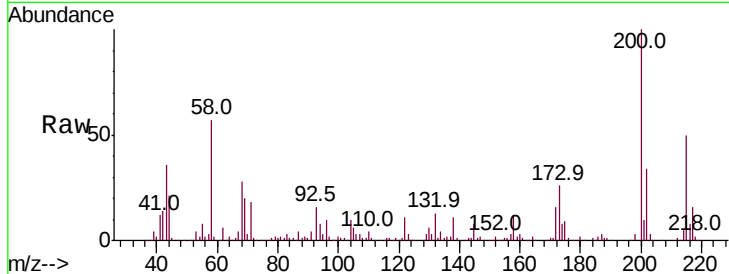
#69
 Atrazine
 Concen: 45.137 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Instrument :
 BNA_G
 ClientSampleId :
 PA-SW-01MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.3	6.1	46.1
215	50.0	30.8	70.8

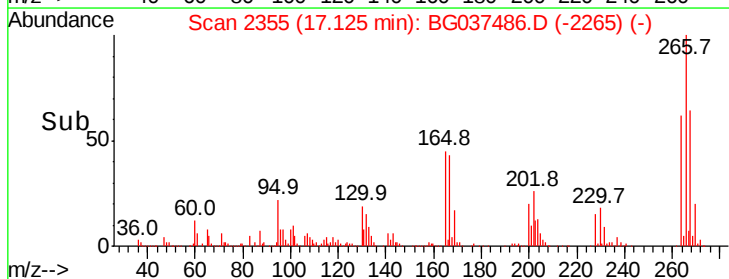
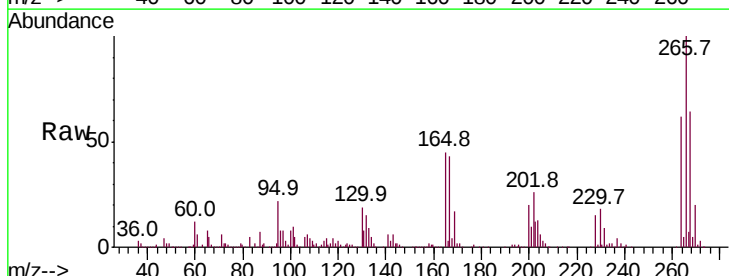
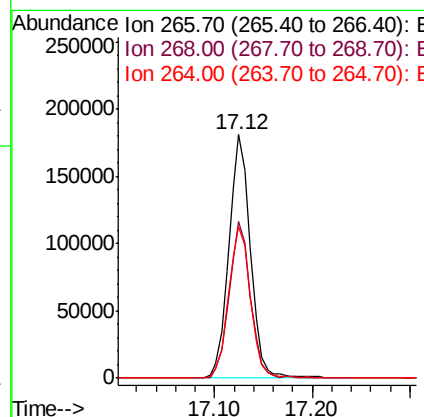
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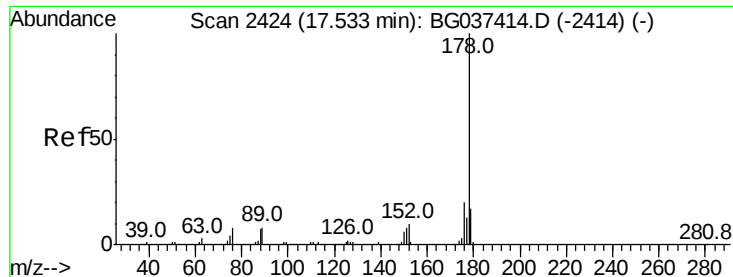
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#70
 Pentachlorophenol
 Concen: 76.622 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	69.1	55.0	82.6
264	67.5	58.9	88.3





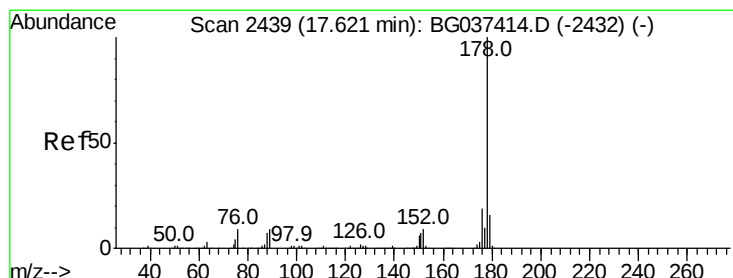
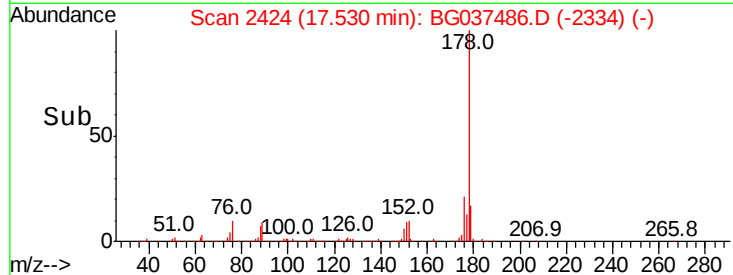
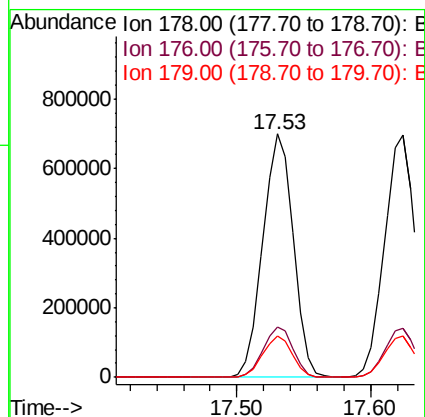
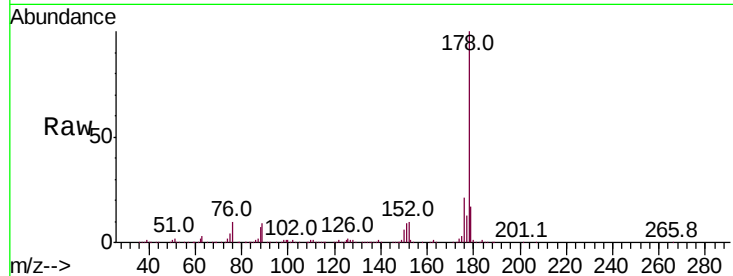
#71
Phenanthrene
Concen: 45.879 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.1	24.1
179	17.0	13.0	19.4

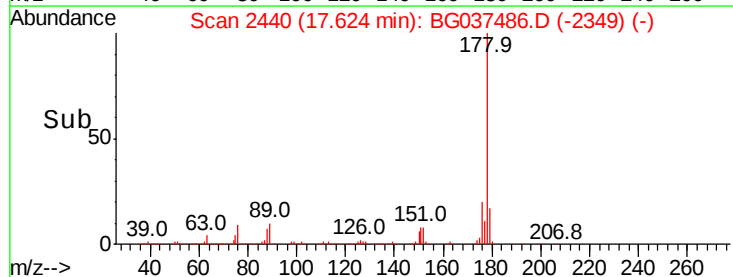
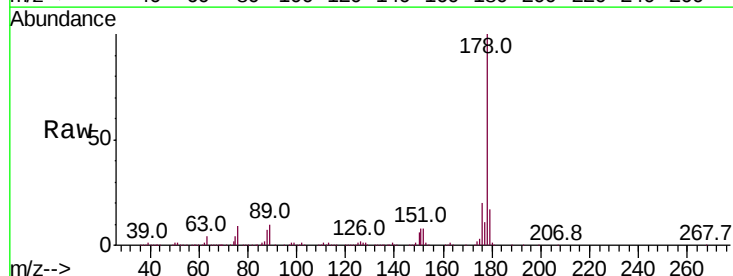
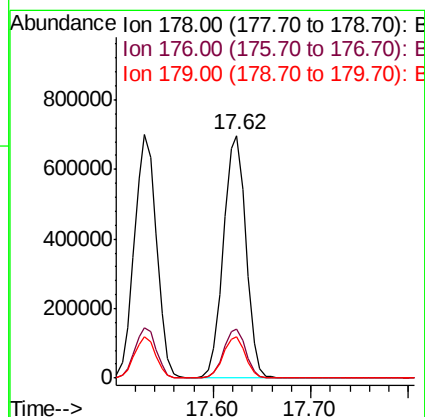
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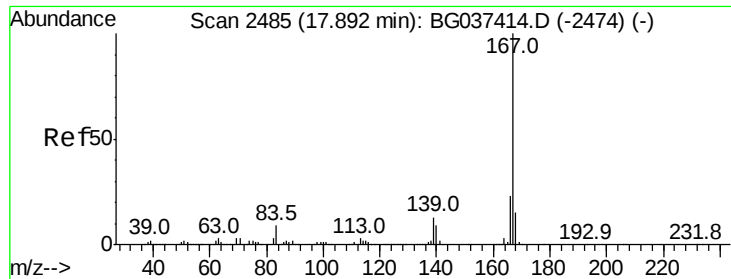
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#72
Anthracene
Concen: 47.070 ng
RT: 17.62 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.0	22.4
179	17.2	12.8	19.2





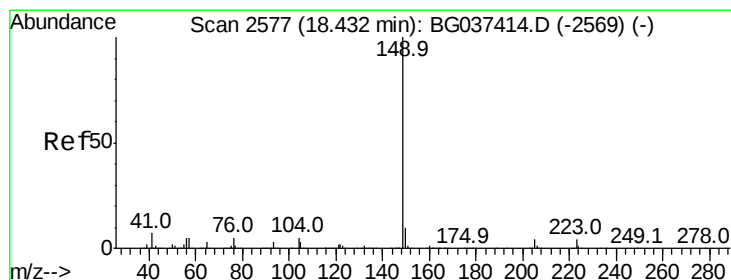
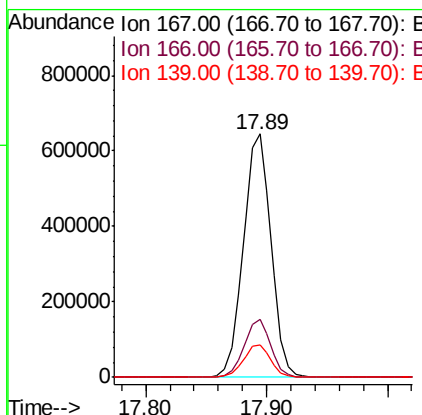
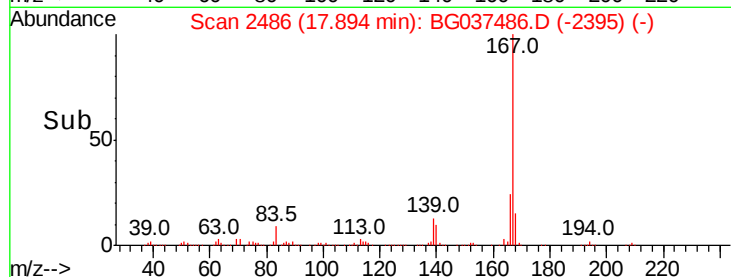
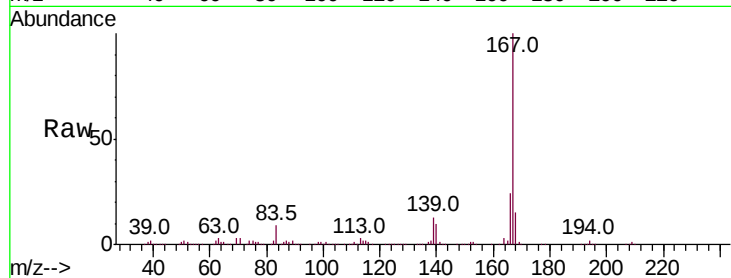
#73
 Carbazole
 Concen: 43.471 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Instrument :
 BNA_G
 ClientSampleId :
 PA-SW-01MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.3	27.5
139	13.3	10.5	15.7

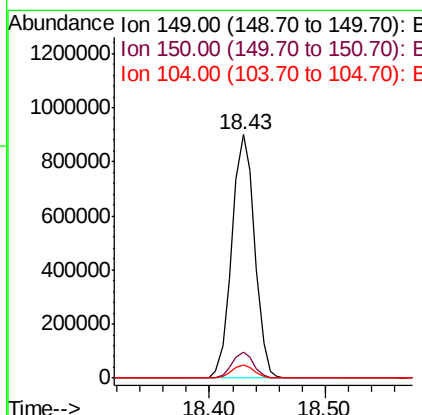
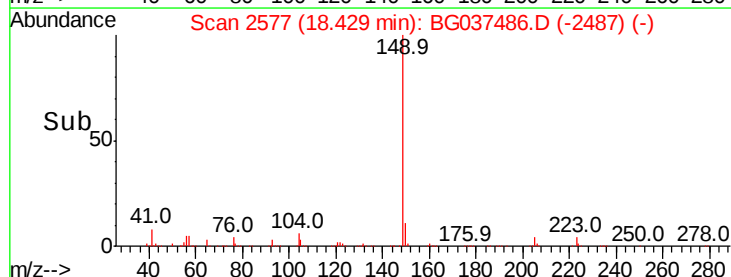
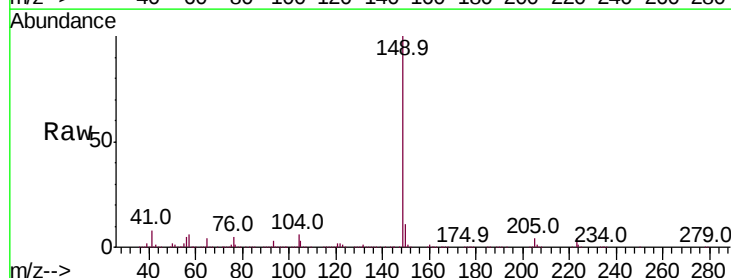
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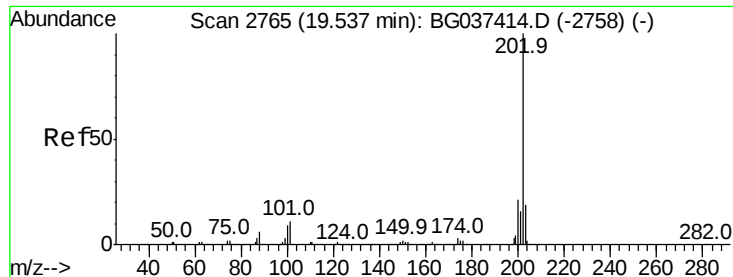
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#74
 Di-n-butylphthalate
 Concen: 46.746 ng
 RT: 18.43 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.2	12.2
104	5.6	4.0	6.0





#75

Fluoranthene

Concen: 46.321 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

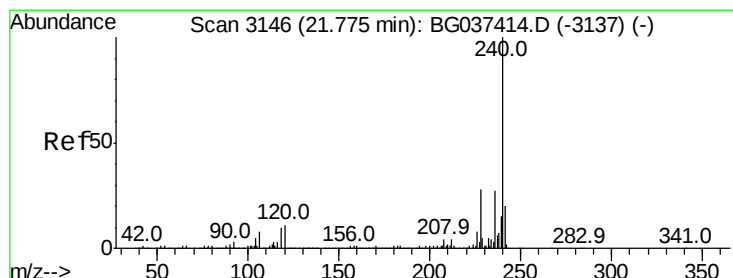
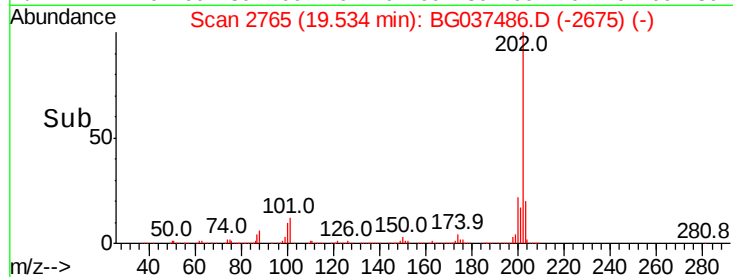
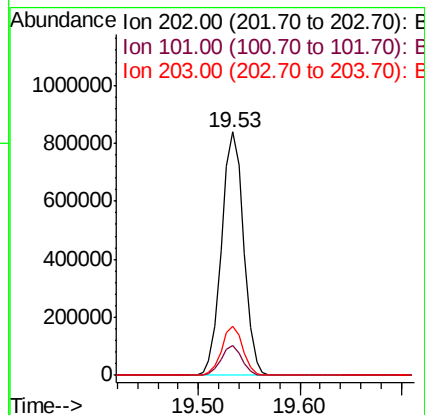
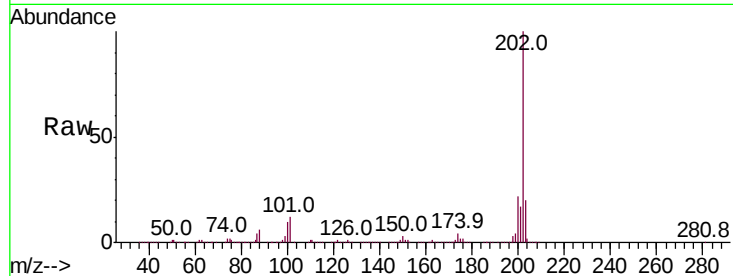
ClientSampleId :

PA-SW-01MSD

Tot Ion:	202	Resp:	1266463
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	30.7
203	20.2	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

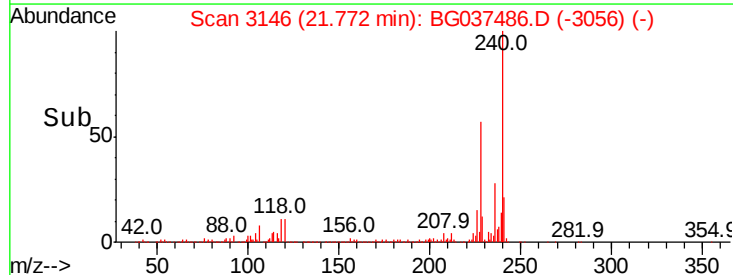
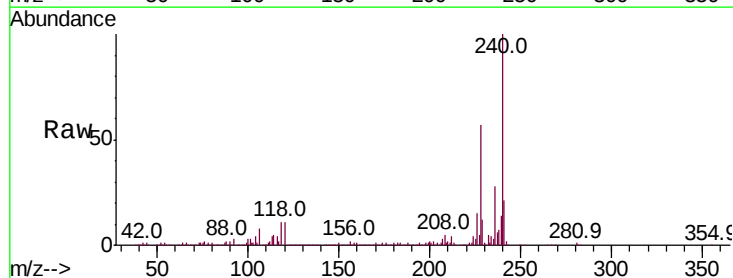
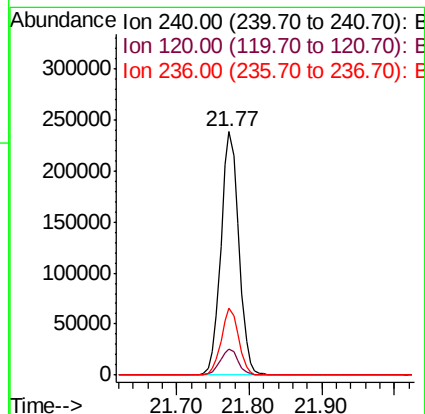
RT: 21.77 min Scan# 3146

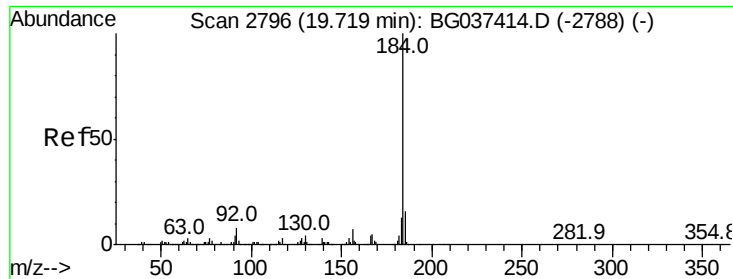
Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Tgt Ion:	240	Resp:	408738
Ion Ratio	Lower	Upper	
240	100		
120	10.9	8.1	12.1
236	27.5	21.4	32.0





#77

Benzidine

Concen: 8.735 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

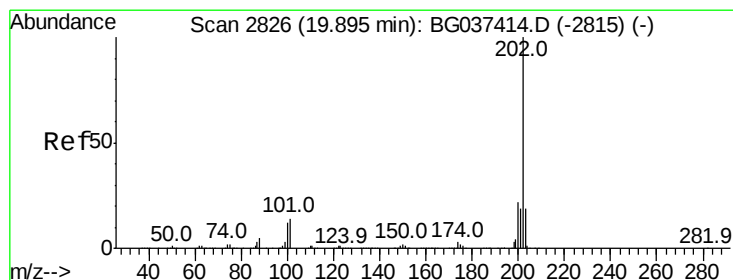
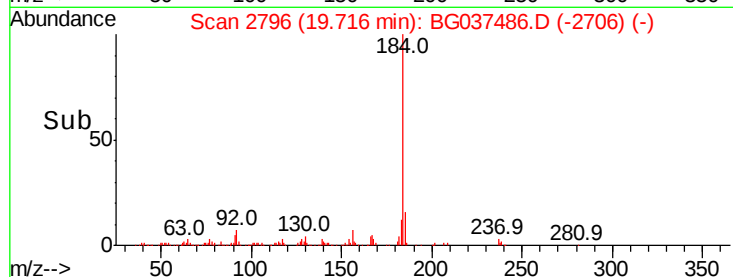
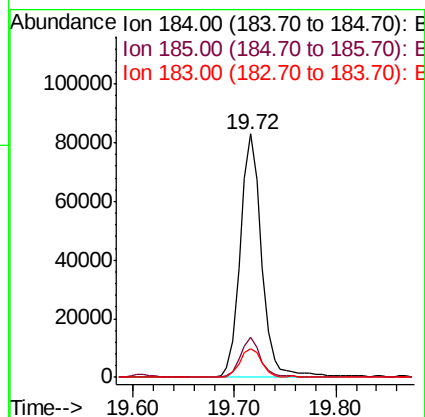
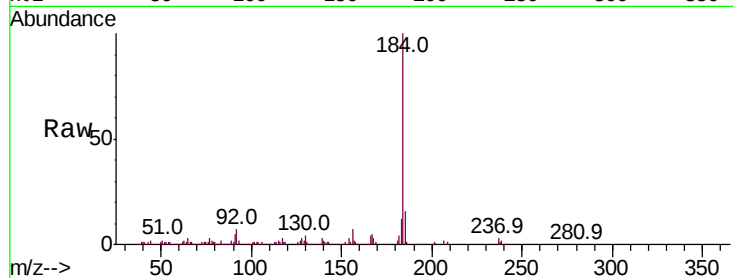
ClientSampleId :

PA-SW-01MSD

Tot Ion:	184	Resp:	121397
Ion Ratio	Lower	Upper	
184	100		
185	16.3	12.6	18.8
183	11.5	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 47.191 ng

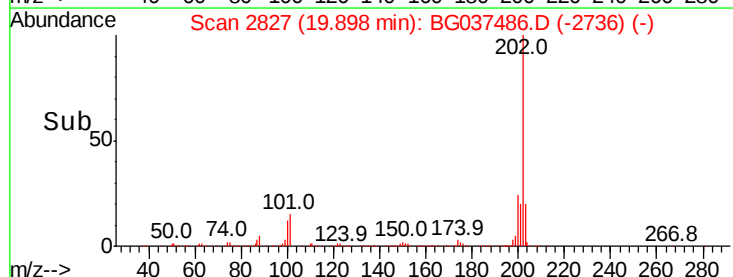
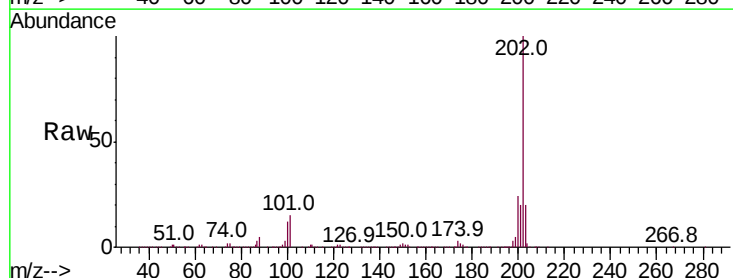
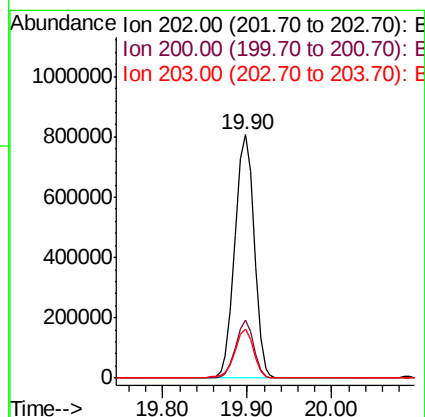
RT: 19.90 min Scan# 2827

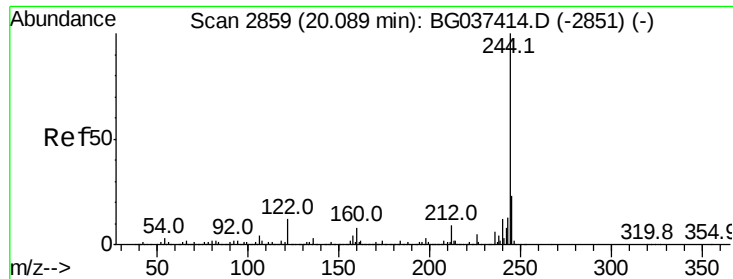
Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Tgt Ion:	202	Resp:	1260940
Ion Ratio	Lower	Upper	
202	100		
200	23.8	17.8	26.6
203	20.2	15.2	22.8





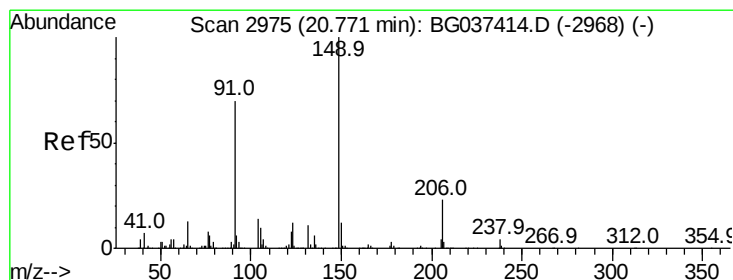
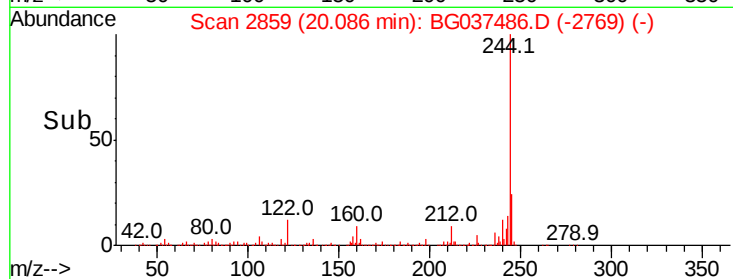
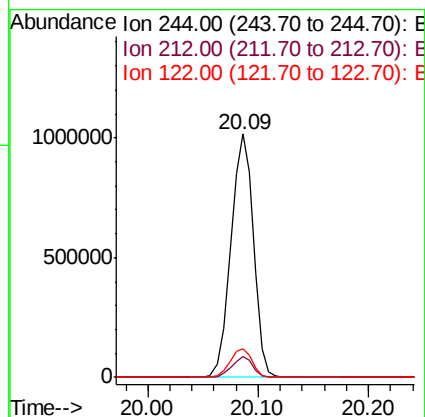
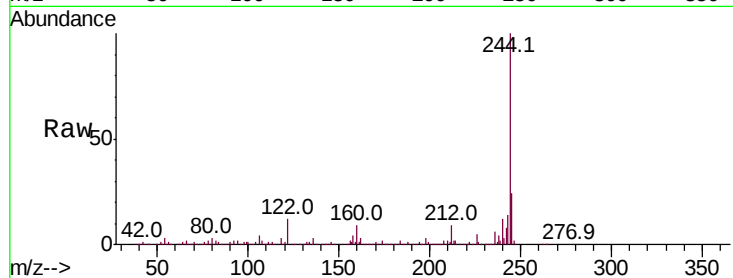
#79
 Terphenyl-d14
 Concen: 75.754 ng
 RT: 20.09 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Instrument :
 BNA_G
 ClientSampleId :
 PA-SW-01MSD

Tot Ion:	244	Resp:	1449084
Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.5	9.7
122	11.7	9.0	13.4

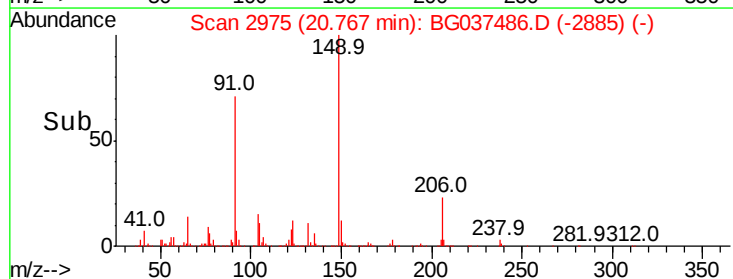
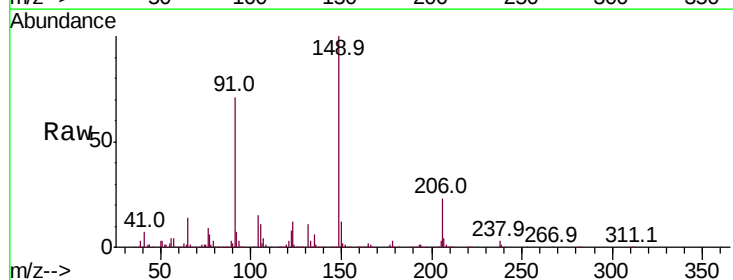
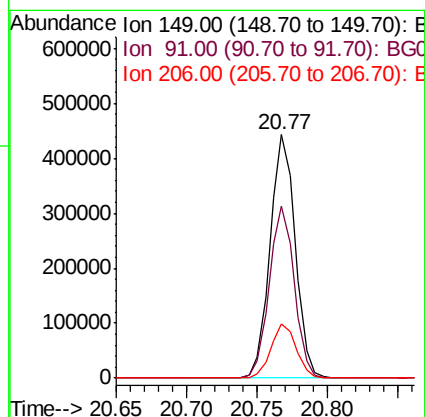
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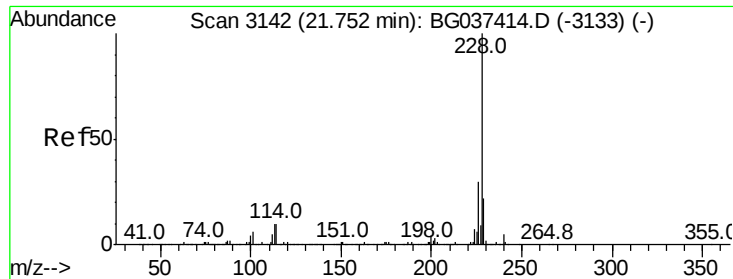
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#80
 Butylbenzylphthalate
 Concen: 50.810 ng
 RT: 20.77 min Scan# 2975
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Tgt Ion:	149	Resp:	555624
Ion	Ratio	Lower	Upper
149	100		
91	70.7	57.0	85.4
206	22.5	17.8	26.6





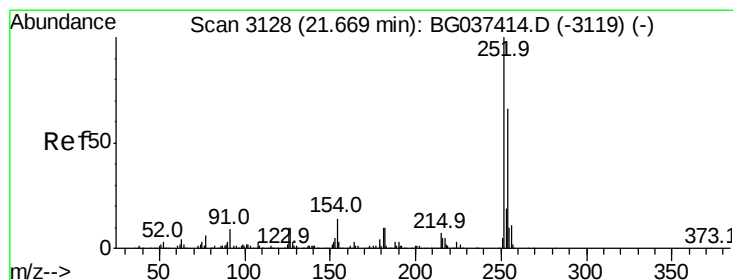
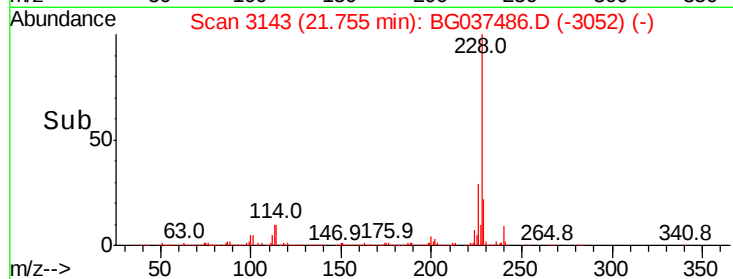
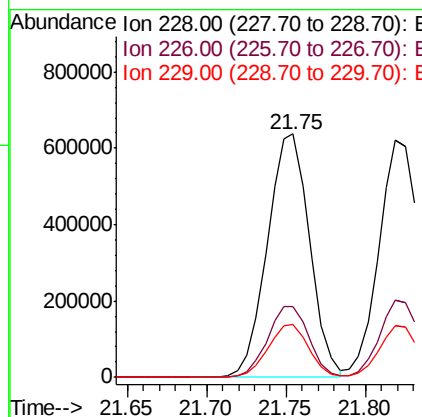
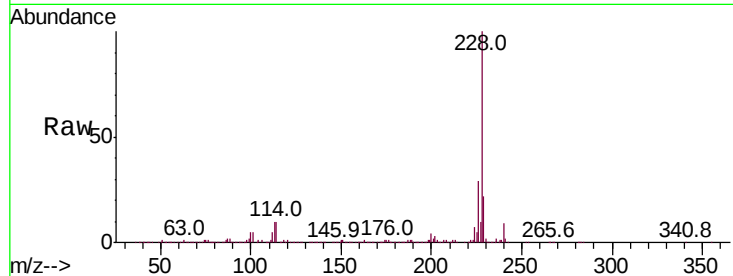
#81
Benzo(a)anthracene
Concen: 48.627 ng
RT: 21.75 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	22.0	16.3	24.5

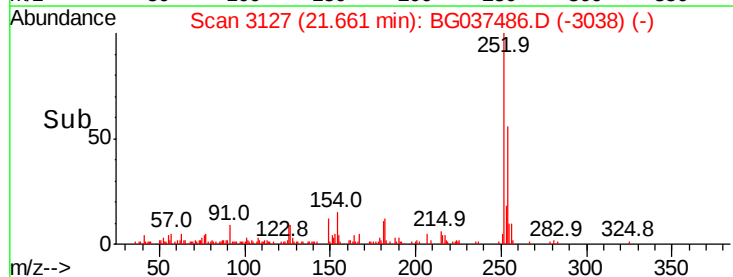
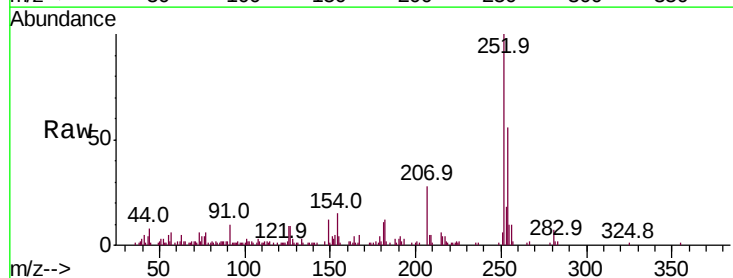
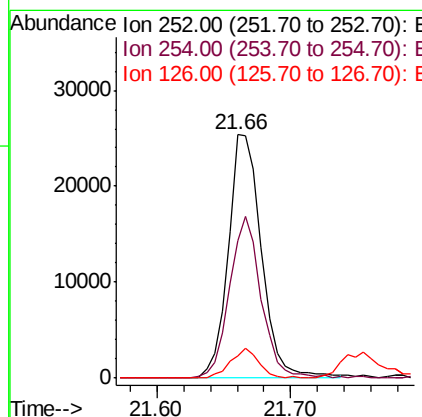
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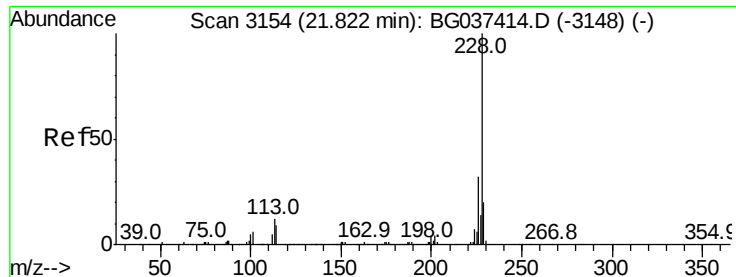
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#82
3,3'-Dichlorobenzidine
Concen: 4.712 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	56.2	52.0	78.0
126	9.1	8.2	12.4





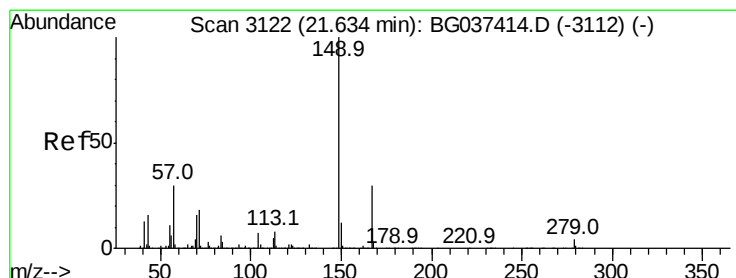
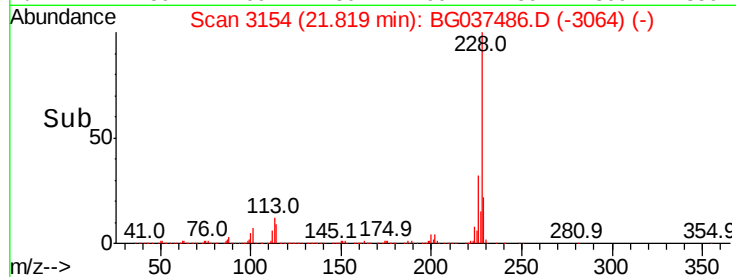
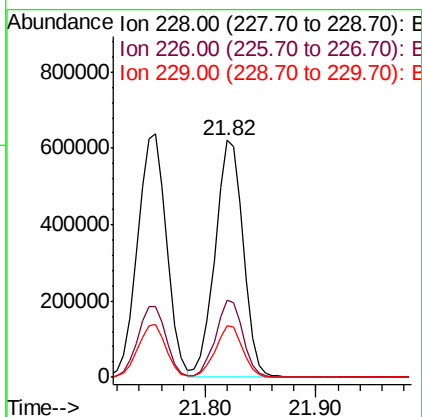
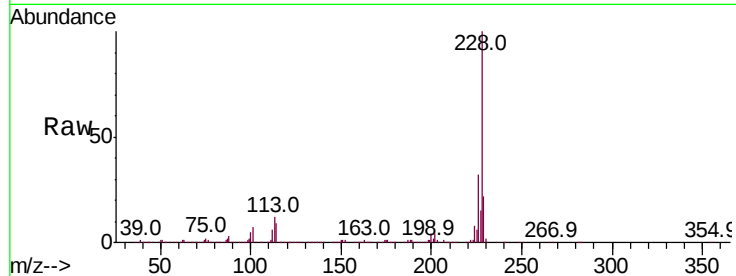
#83
 Chrysene
 Concen: 47.158 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Instrument :
 BNA_G
 ClientSampleId :
 PA-SW-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.7	38.5
229	21.7	16.5	24.7

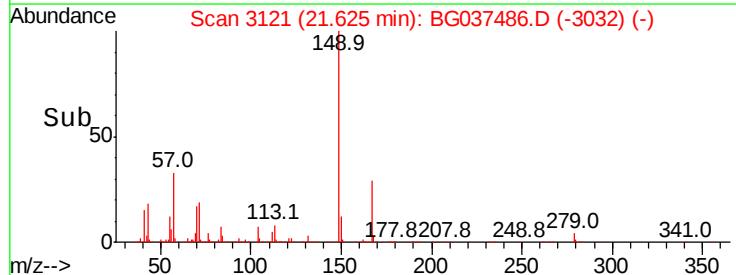
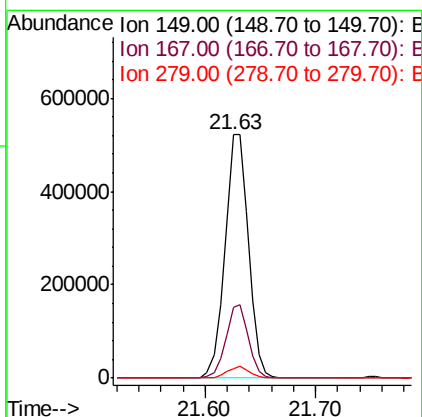
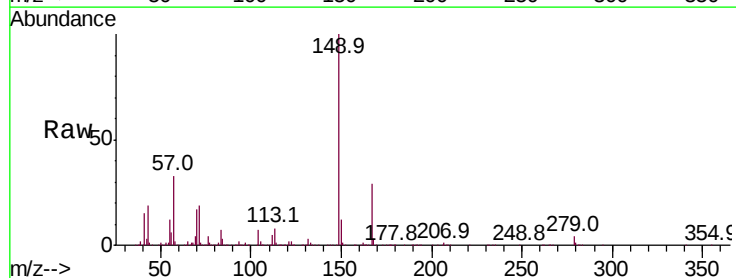
Manual Integrations
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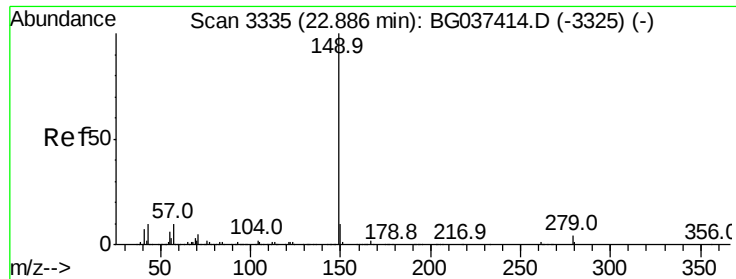
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.600 ng
 RT: 21.63 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.0	34.4
279	4.0	3.6	5.4





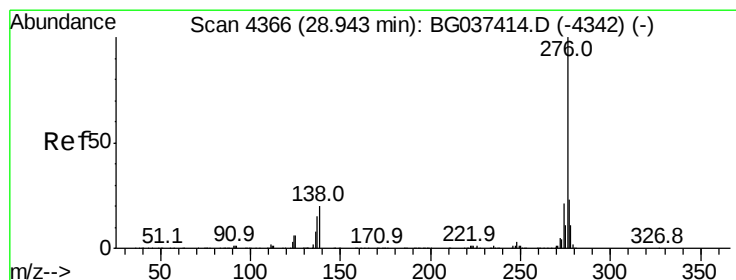
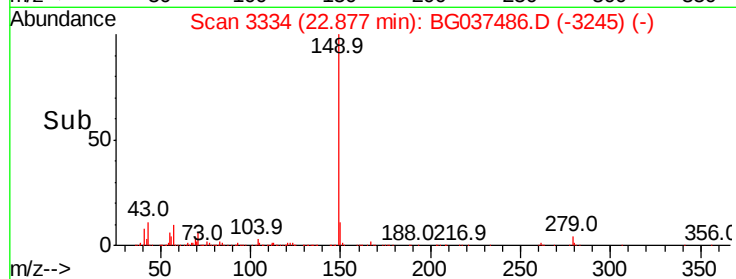
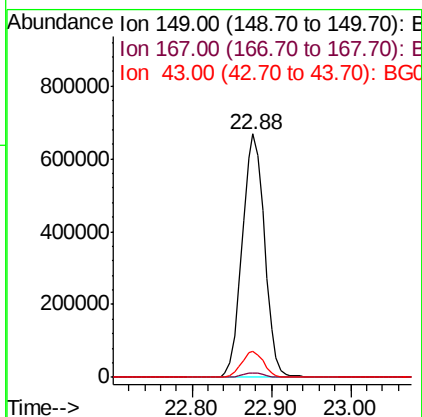
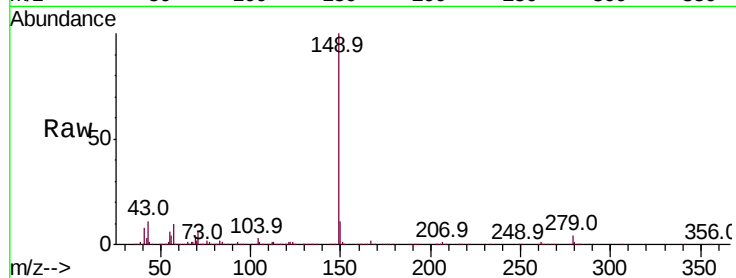
#85
Di-n-octyl phthalate
Concen: 52.097 ng
RT: 22.88 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	10.6	8.7	13.1

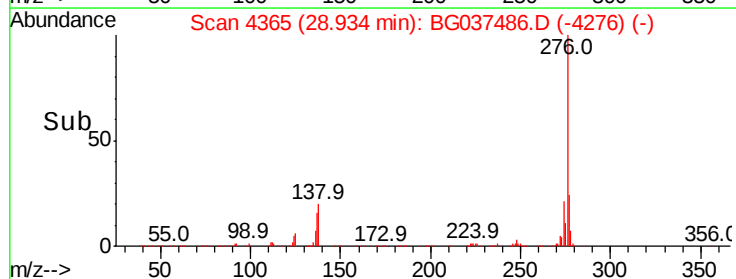
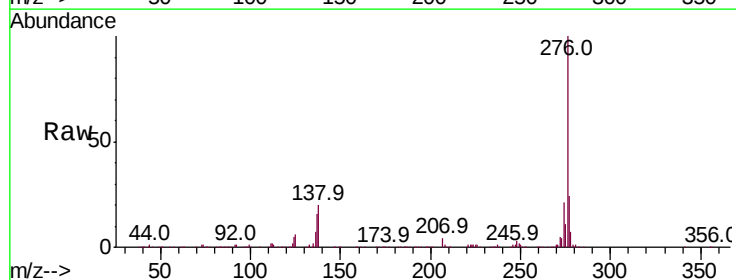
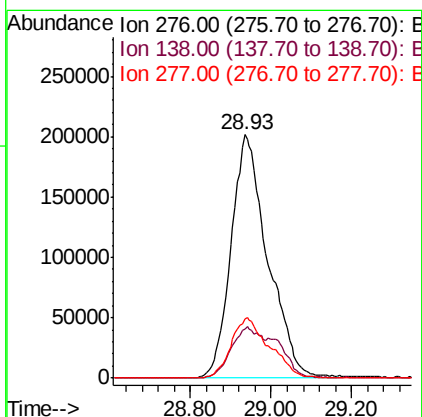
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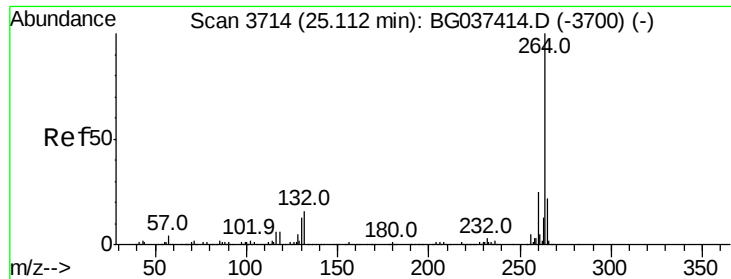
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.127 ng
RT: 28.93 min Scan# 4365
Delta R.T. -0.01 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.6	12.0	18.0
277	25.8	20.6	30.8





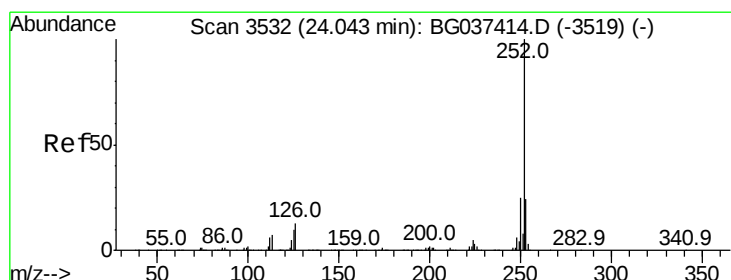
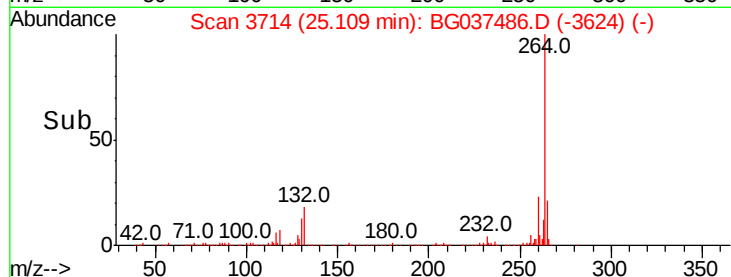
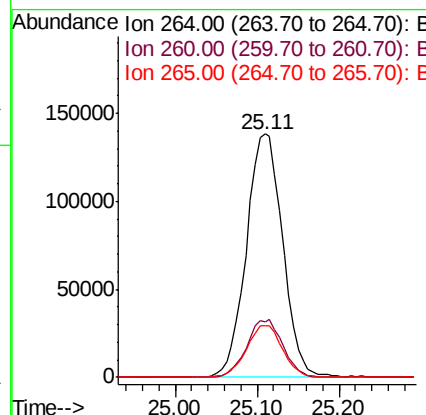
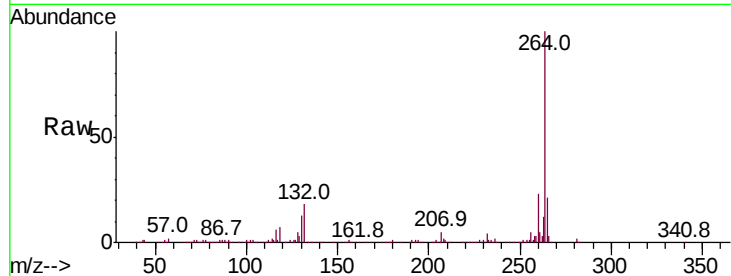
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	21.4	17.9	26.9

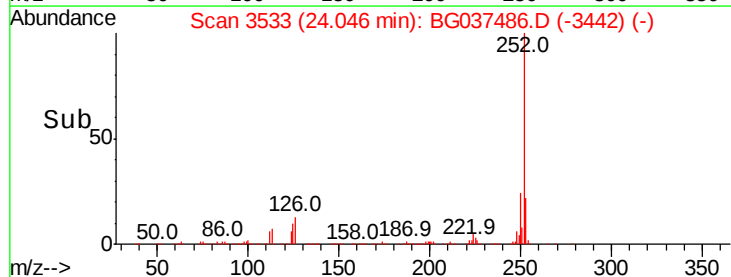
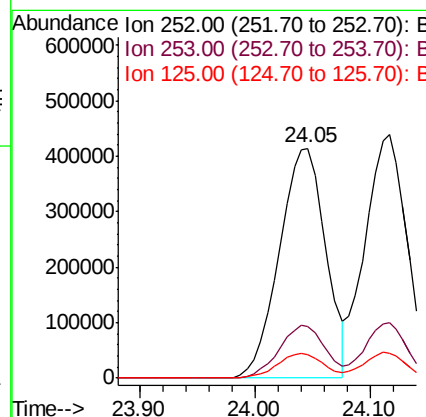
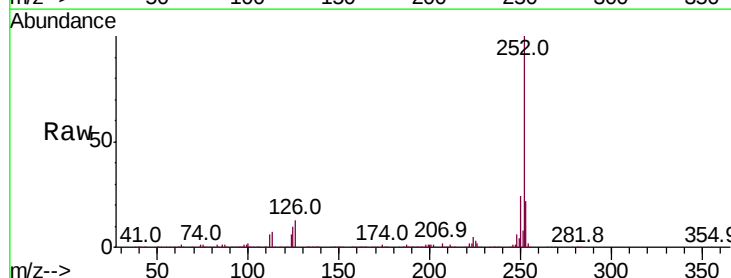
Manual Integrations
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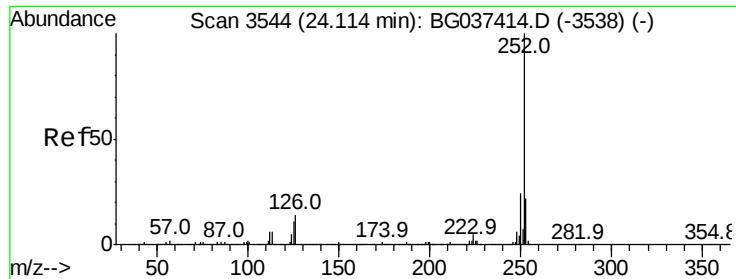
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#88
Benzo(b)fluoranthene
Concen: 49.465 ng
RT: 24.05 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.1	7.8	11.6





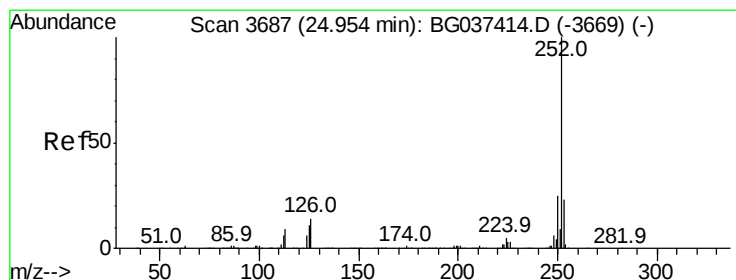
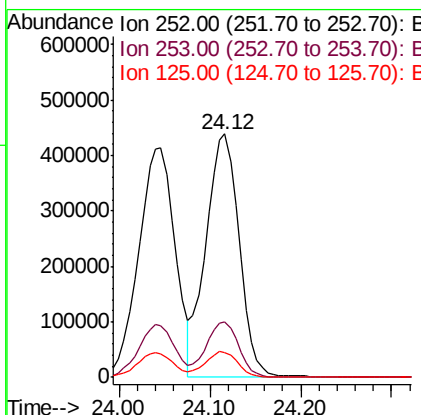
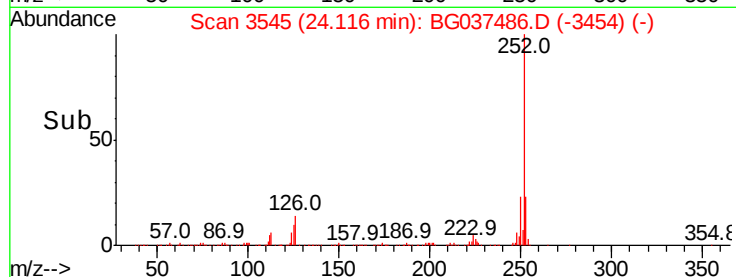
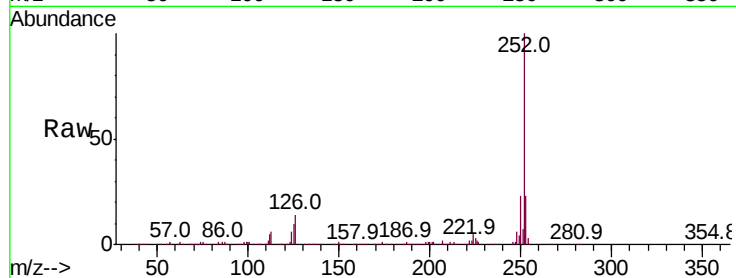
#89
Benzo(k)fluoranthene
Concen: 48.705 ng
RT: 24.12 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	10.2	7.4	11.0

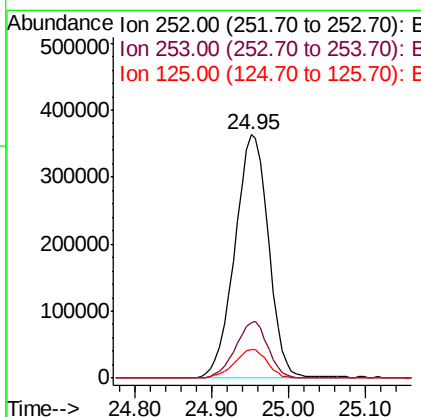
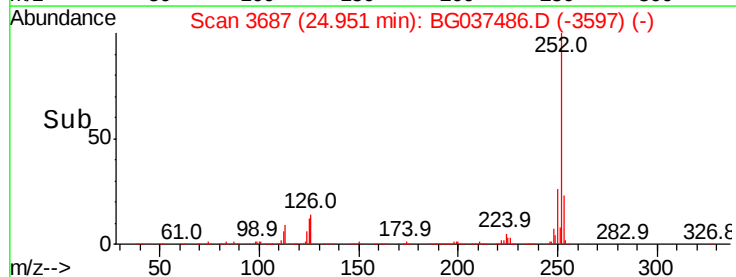
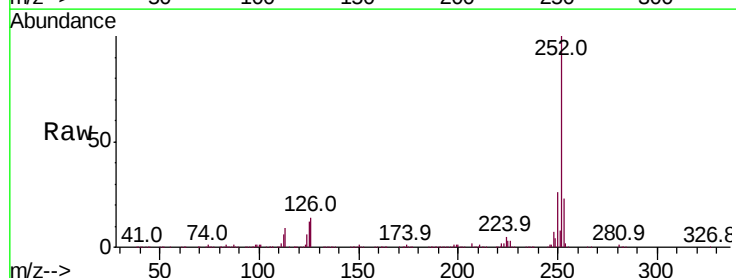
Manual Integrations
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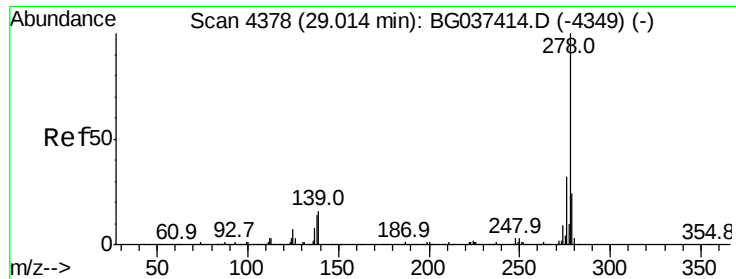
Sohil
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#90
Benzo(a)pyrene
Concen: 49.952 ng
RT: 24.95 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	11.6	9.0	13.6





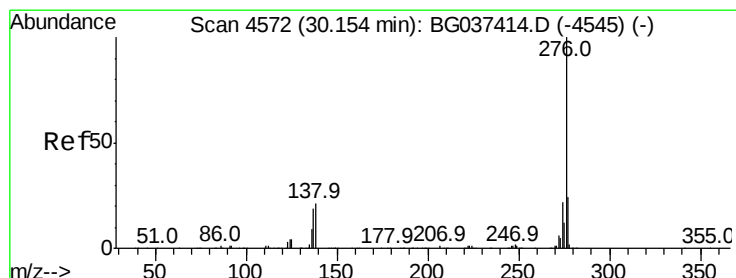
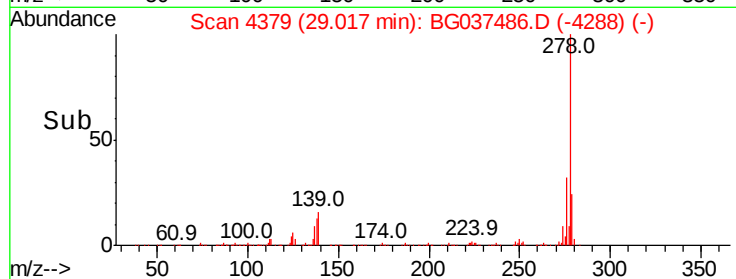
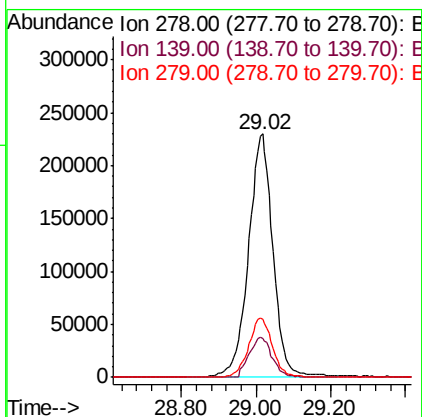
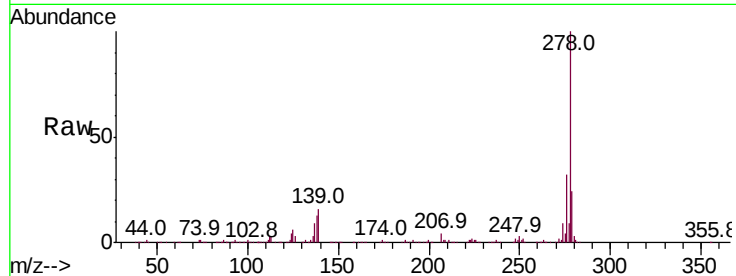
#91
Dibenzo(a,h)anthracene
Concen: 51.035 ng
RT: 29.02 min Scan# 4379
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :
PA-SW-01MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	11.5	17.3
279	23.7	18.6	27.8

Manual Integrations
APPROVED

Sohil
10/24/2018 10:56:07 AM



#92
Benzo(g,h,i)perylene
Concen: 51.155 ng
RT: 30.16 min Scan# 4573
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.9	28.3
138	21.8	17.2	25.8

