

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040419\
 Data File : BG040369.D
 Acq On : 4 Apr 2019 21:18
 Operator : JU/SJ
 Sample : PB118610BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118610BS

Manual Integrations
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Sohil
 4/5/2019 12:24:56 PM

Quant Time: Apr 05 02:30:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58742	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	229106	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	140882	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	375866	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	413580	20.00	ng	-0.04
87) Perylene-d12	24.97	264	418596	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	473401	133.97	ng	-0.02
7) Phenol-d6	7.21	99	631301	129.27	ng	-0.02
23) Nitrobenzene-d5	9.22	82	371474	86.18	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	237498	155.99	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	826004	86.88	ng	-0.02
79) Terphenyl-d14	20.02	244	1493989	81.26	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	68058	40.961	ng	93
3) Pyridine	3.89	79	163467	36.541	ng	100
4) n-Nitrosodimethylamine	3.82	42	77429	37.417	ng	# 87
6) Aniline	7.38	93	169813	26.765	ng	96
8) 2-Chlorophenol	7.61	128	164341	39.731	ng	97
9) Benzaldehyde	7.19	77	107406	32.064	ng	97
10) Phenol	7.23	94	214502	40.468	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	155345	36.591	ng	99
12) 1,3-Dichlorobenzene	7.93	146	174223	38.747	ng	96
13) 1,4-Dichlorobenzene	8.08	146	173030	38.637	ng	99
14) 1,2-Dichlorobenzene	8.40	146	162510	37.946	ng	96
15) Benzyl Alcohol	8.29	79	142975	36.354	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	292650	35.918	ng	98
17) 2-Methylphenol	8.49	107	143672	39.171	ng	96
18) Hexachloroethane	9.12	117	63345	37.186	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	116776	33.352	ng	97
20) 3+4-Methylphenols	8.81	107	197175	39.682	ng	98
22) Acetophenone	8.87	105	233515	40.860	ng	# 98
24) Nitrobenzene	9.26	77	178237	39.933	ng	97
25) Isophorone	9.77	82	339608	38.293	ng	99
26) 2-Nitrophenol	9.97	139	88409	41.802	ng	94
27) 2,4-Dimethylphenol	10.02	122	153477	45.685	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	207055	39.462	ng	98
29) 2,4-Dichlorophenol	10.50	162	160056	43.894	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	167174	41.752	ng	95
31) Naphthalene	10.91	128	485069	41.306	ng	99
32) Benzoic acid	10.15	122	69823	34.400	ng	98
33) 4-Chloroaniline	11.03	127	123097	24.574	ng	96
34) Hexachlorobutadiene	11.17	225	98727	38.555	ng	100
35) Caprolactam	11.81	113	58135m	40.174	ng	
36) 4-Chloro-3-methylphenol	12.14	107	179890	42.912	ng	97
37) 2-Methylnaphthalene	12.51	142	358189	41.241	ng	99
38) 1-Methylnaphthalene	12.73	142	340825	40.468	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	181745	40.589	ng	99

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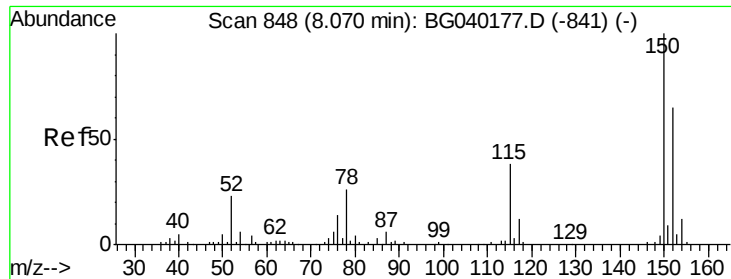
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	213026	86.645	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	129933	45.007	ng	96
44) 2,4,5-Trichlorophenol	13.19	196	144090	45.791	ng	98
46) 1,1'-Biphenyl	13.51	154	454252	40.808	ng	98
47) 2-Chloronaphthalene	13.56	162	349912	40.980	ng	98
48) 2-Nitroaniline	13.77	65	123847	43.000	ng	90
49) Acenaphthylene	14.40	152	590253	40.772	ng	99
50) Dimethylphthalate	14.13	163	462754	41.969	ng	100
51) 2,6-Dinitrotoluene	14.26	165	109475	44.219	ng	90
52) Acenaphthene	14.74	154	339354	40.908	ng	98
53) 3-Nitroaniline	14.60	138	80318	30.648	ng	92
54) 2,4-Dinitrophenol	14.80	184	113337	86.080	ng	92
55) Dibenzofuran	15.07	168	570925	42.831	ng	99
56) 4-Nitrophenol	14.90	139	193330	91.406	ng	98
57) 2,4-Dinitrotoluene	15.04	165	155539	45.214	ng	# 95
58) Fluorene	15.73	166	448010	42.749	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	138978	48.671	ng	99
60) Diethylphthalate	15.48	149	493592	43.747	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	236471	42.213	ng	96
62) 4-Nitroaniline	15.76	138	129719	46.124	ng	98
63) Azobenzene	16.00	77	451167	42.393	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	86482	40.954	ng	97
66) n-Nitrosodiphenylamine	15.93	169	434540	39.508	ng	96
67) 4-Bromophenyl-phenylether	16.61	248	160049	37.838	ng	96
68) Hexachlorobenzene	16.72	284	165643	38.949	ng	96
69) Atrazine	16.87	200	163667	40.002	ng	98
70) Pentachlorophenol	17.07	266	198584	80.766	ng	96
71) Phenanthrene	17.46	178	806773	40.836	ng	99
72) Anthracene	17.56	178	830932	42.021	ng	99
73) Carbazole	17.83	167	808882	43.223	ng	100
74) Di-n-butylphthalate	18.36	149	935417	42.168	ng	100
75) Fluoranthene	19.47	202	1042168	44.549	ng	99
77) Benzidine	19.66	184	420832	28.178	ng	98
78) Pyrene	19.83	202	1054709	38.780	ng	99
80) Butylbenzylphthalate	20.70	149	464904	39.946	ng	97
81) Benzo(a)anthracene	21.68	228	986873	38.740	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	255346	26.350	ng	99
83) Chrysene	21.74	228	979641	40.014	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	654834	39.361	ng	99
85) Di-n-octyl phthalate	22.76	149	1137699	40.138	ng	99
86) Indeno(1,2,3-cd)pyrene	28.73	276	1233180	41.184	ng	99
88) Benzo(b)fluoranthene	23.92	252	1072127	41.834	ng	99
89) Benzo(k)fluoranthene	23.99	252	1047265	44.436	ng	98
90) Benzo(a)pyrene	24.81	252	1057433	43.976	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	998499	44.710	ng	98
92) Benzo(g,h,i)perylene	29.91	276	1035429	45.114	ng	97

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



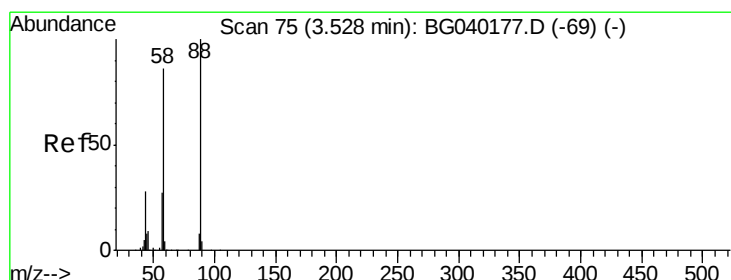
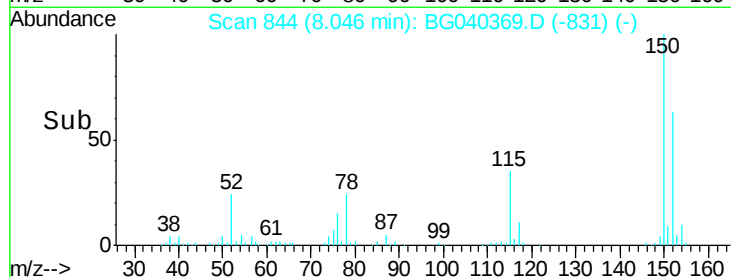
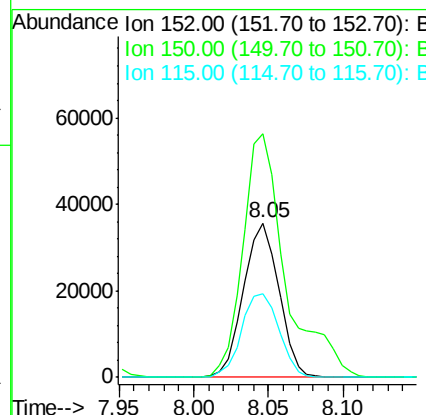
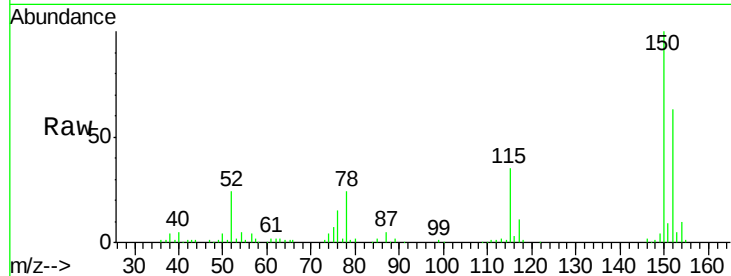
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 PB118610BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	123.7	185.5
115	54.5	46.9	70.3

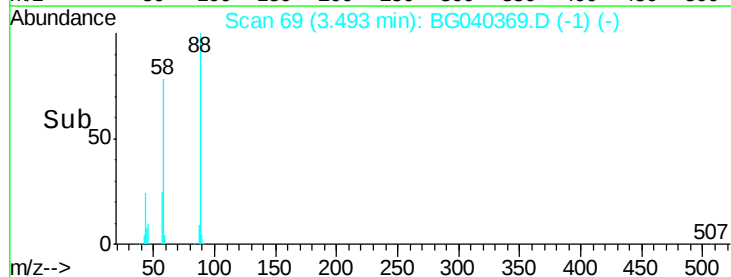
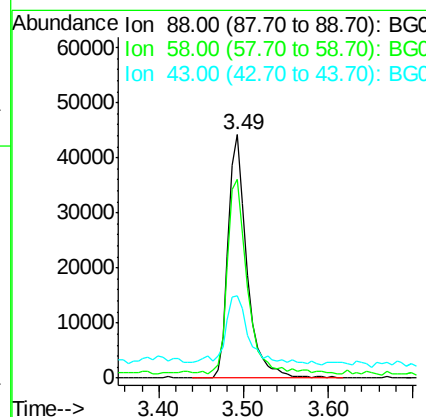
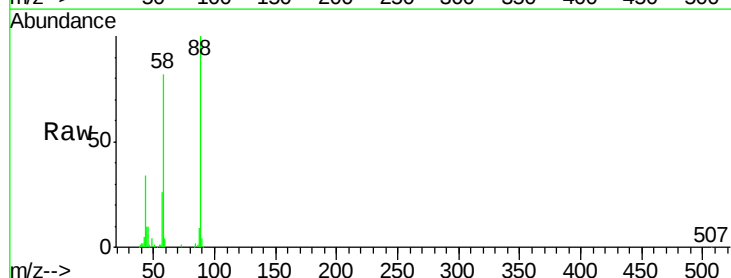
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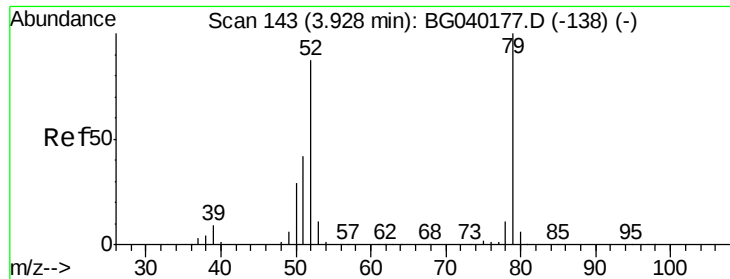
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#2
 1,4-Dioxane
 Concen: 40.961 ng
 RT: 3.49 min Scan# 69
 Delta R.T. -0.04 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.3	70.6	106.0
43	34.6	24.8	37.2





#3

Pyridine

Concen: 36.541 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.04 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

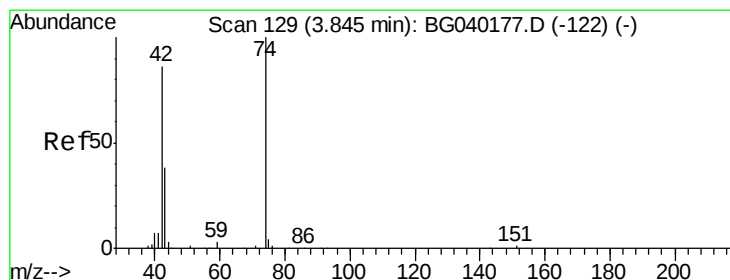
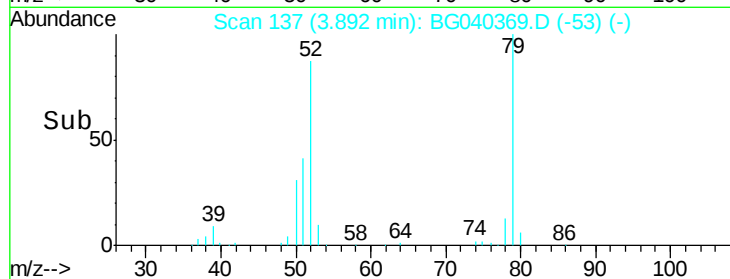
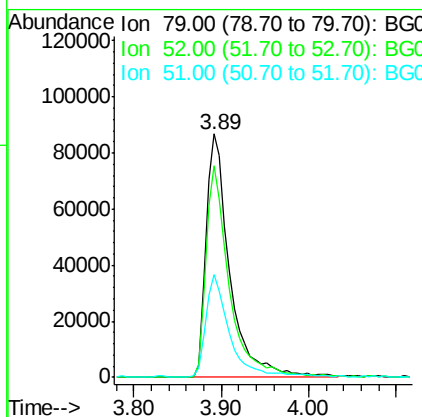
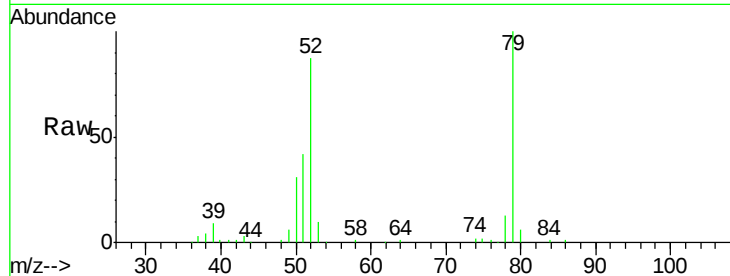
ClientSampled :

PB118610BS

Tgt Ion:	79	Resp:	163467
Ion Ratio		Lower	Upper
79	100		
52	87.0	69.8	104.8
51	42.4	33.9	50.9

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#4

n-Nitrosodimethylamine

Concen: 37.417 ng

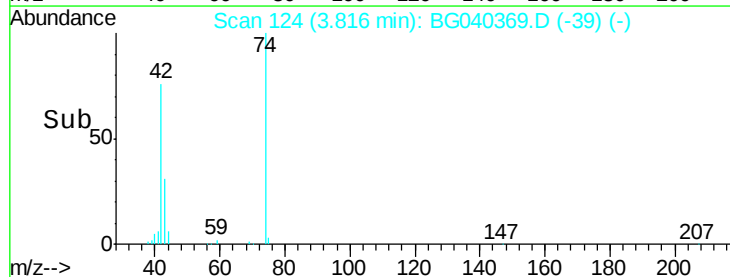
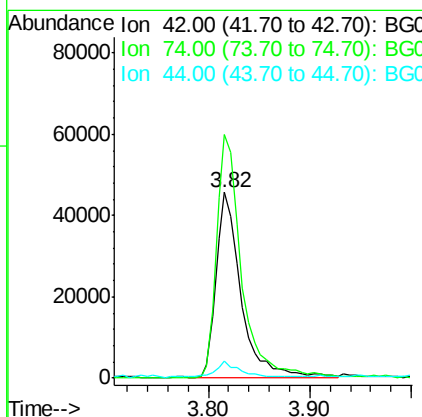
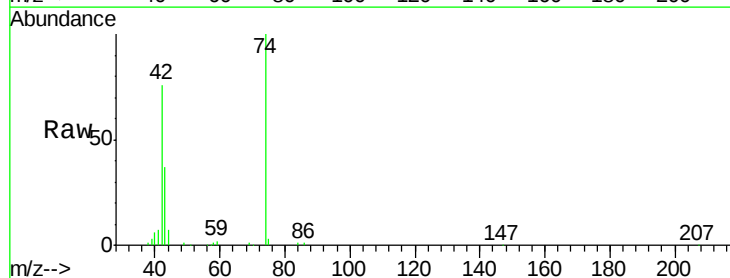
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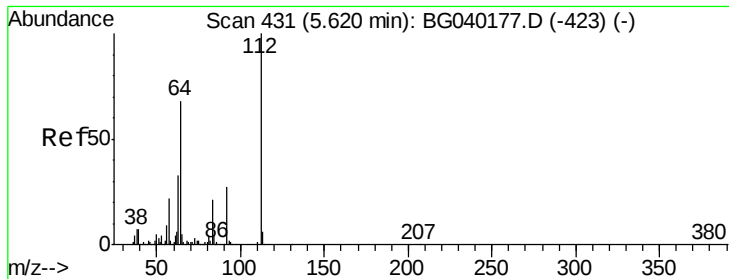
Delta R.T. -0.03 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Tgt Ion:	42	Resp:	77429
Ion Ratio		Lower	Upper
42	100		
74	131.3	92.9	139.3
44	9.0	9.7	14.5#





#5

2-Fluorophenol

Concen: 133.974 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040369.D

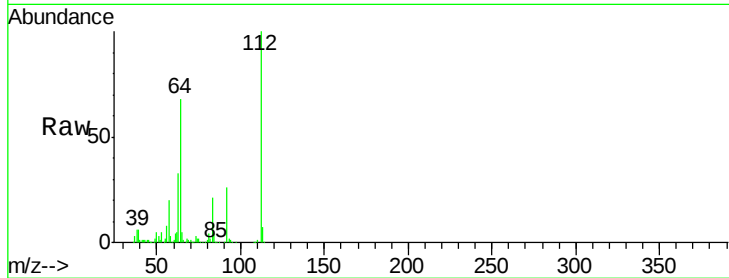
Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampleId :

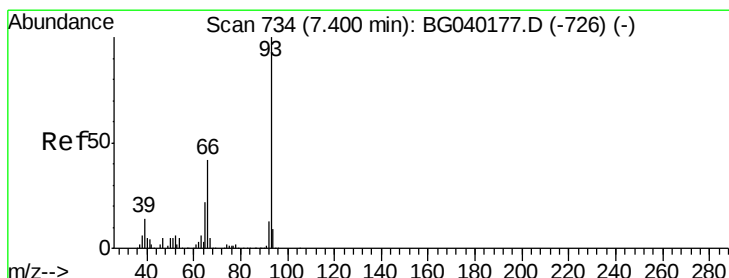
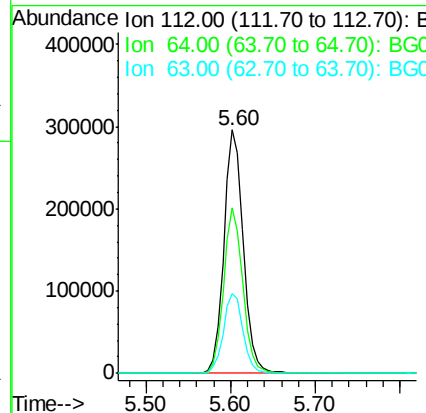
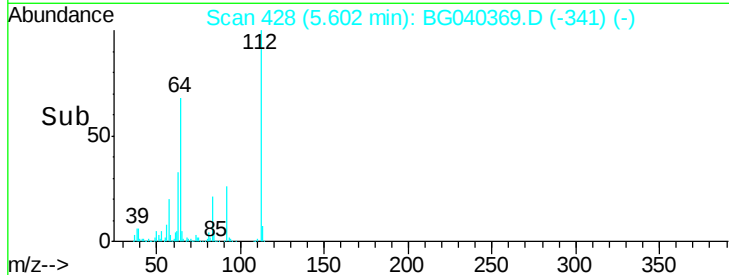
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	473401		
64	68.0	54.2	81.2	
63	32.8	26.4	39.6	

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#6

Aniline

Concen: 26.765 ng

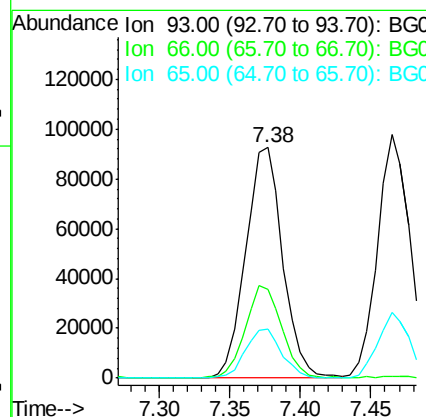
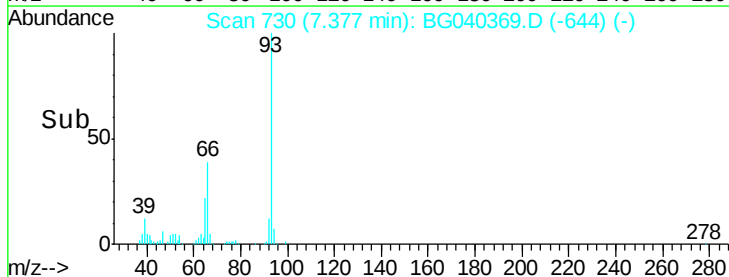
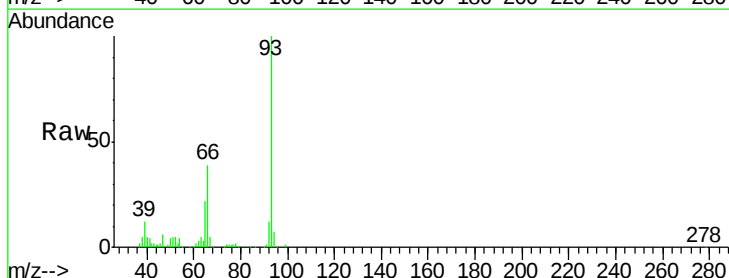
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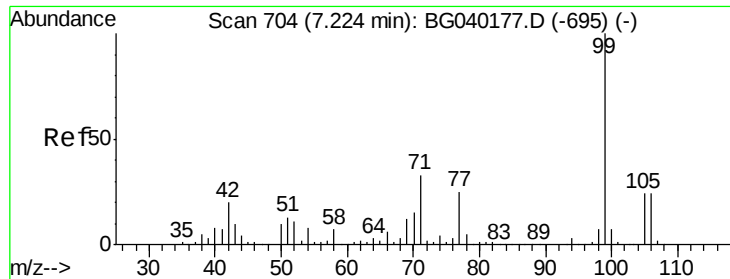
Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	169813		
66	38.8	33.6	50.4	
65	21.5	17.4	26.2	





#7

Phenol-d6

Concen: 129.275 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

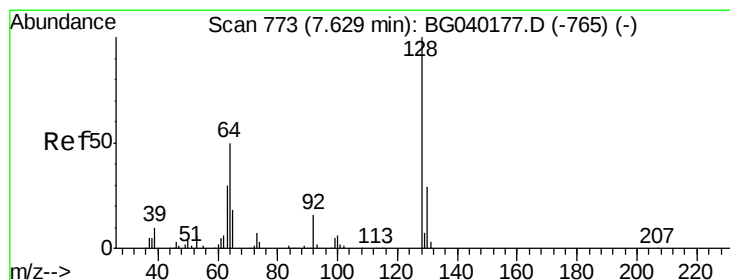
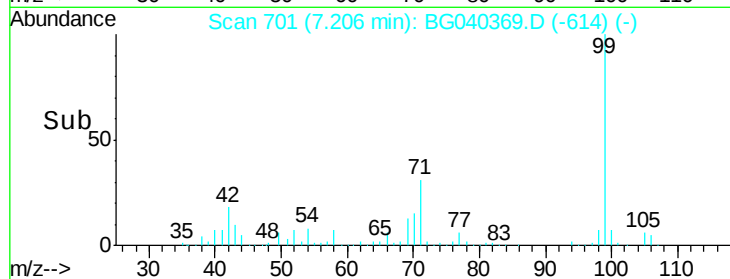
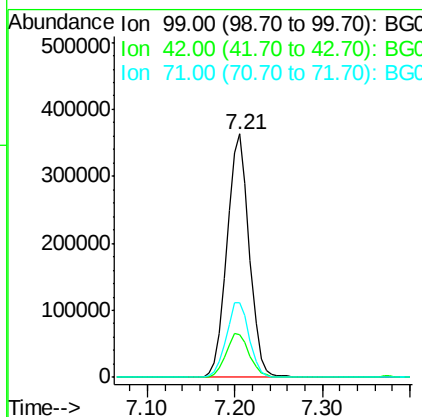
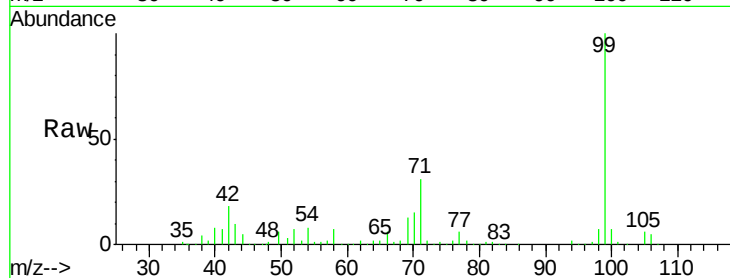
ClientSampleId :

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Tgt Ion:	99	Resp:	631301
Ion Ratio	Lower	Upper	
99	100		
42	17.8	16.2	24.2
71	30.9	26.8	40.2

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#8

2-Chlorophenol

Concen: 39.731 ng

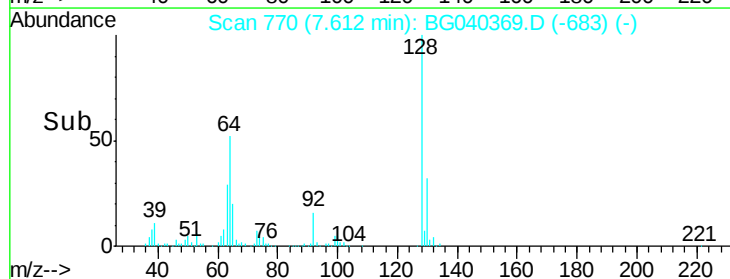
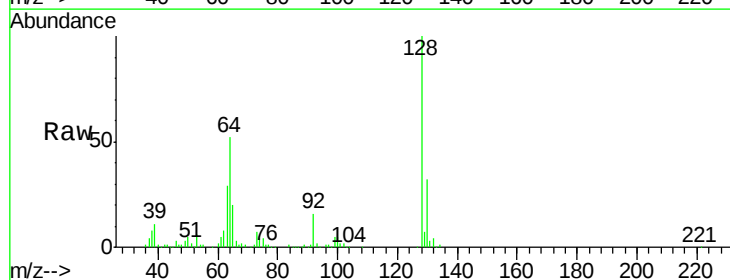
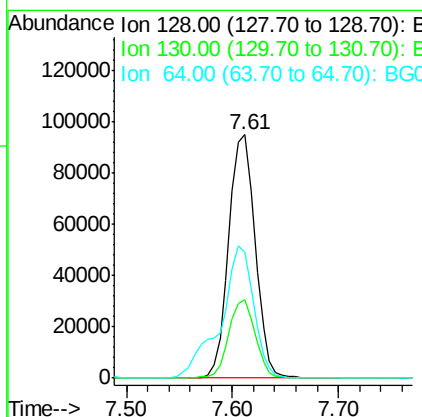
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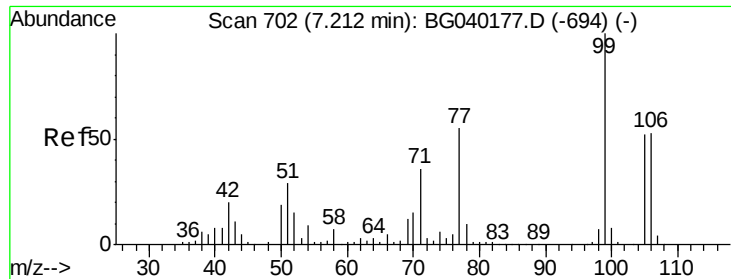
Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Tgt Ion:	128	Resp:	164341
Ion Ratio	Lower	Upper	
128	100		
130	32.4	9.1	49.1
64	51.9	33.1	73.1





#9

Benzaldehyde

Concen: 32.064 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

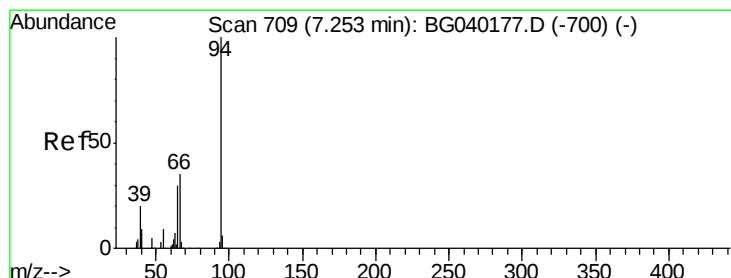
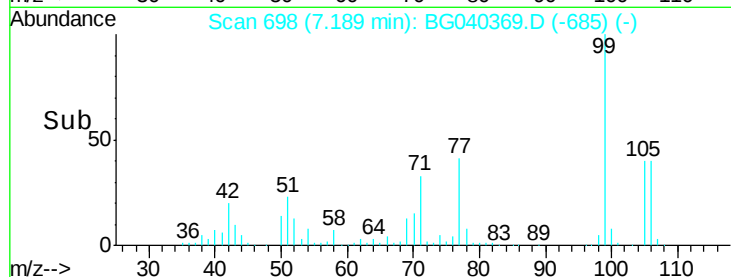
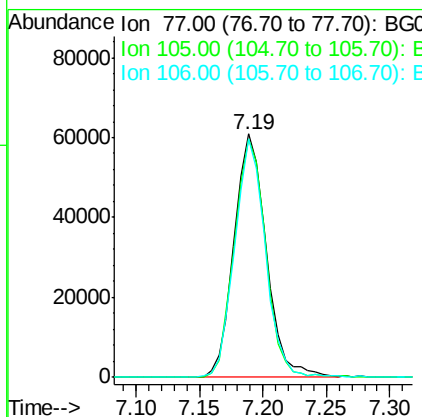
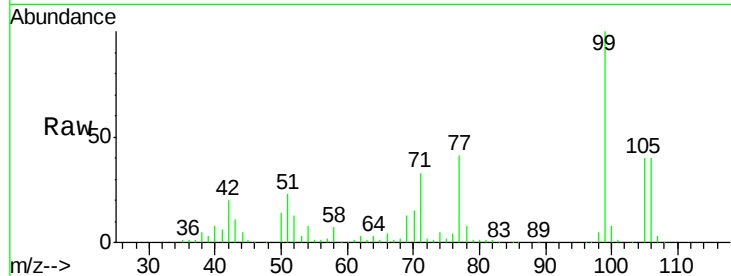
ClientSampleId :

PB118610BS

Tgt Ion:	77	Resp:	107406
Ion Ratio	Lower	Upper	
77	100		
105	98.1	75.0	115.0
106	98.1	75.7	115.7

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#10

Phenol

Concen: 40.468 ng

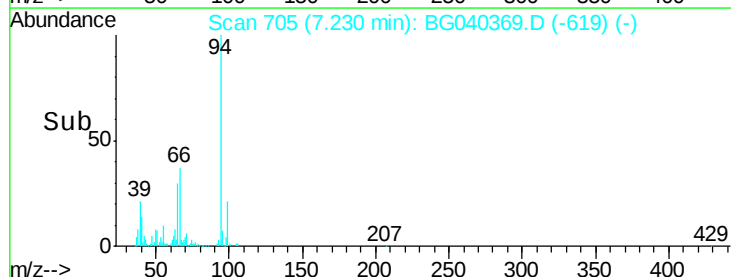
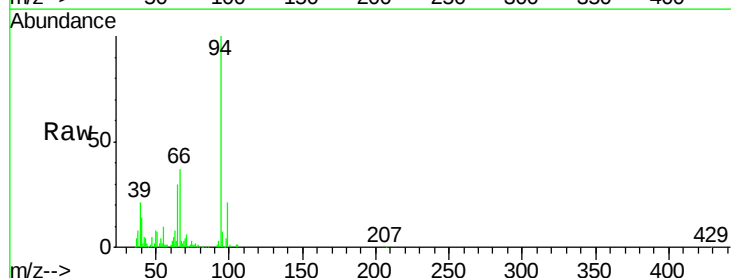
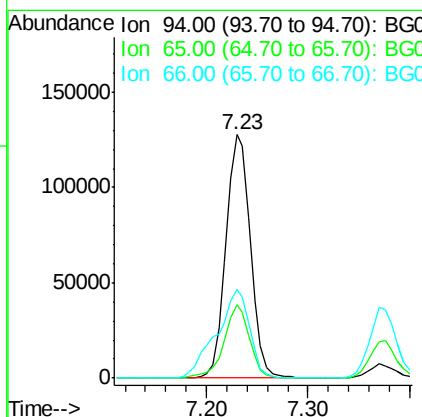
RT: 7.23 min Scan# 705

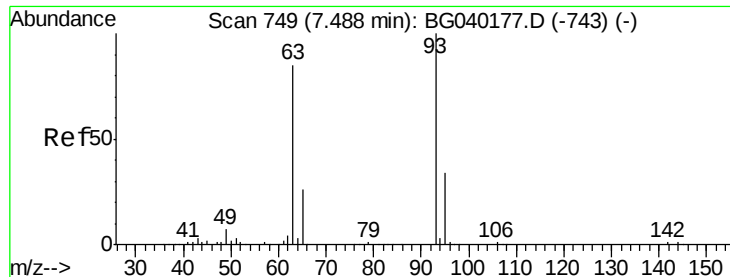
Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Tgt Ion:	94	Resp:	214502
Ion Ratio	Lower	Upper	
94	100		
65	30.0	10.5	50.5
66	36.6	16.9	56.9





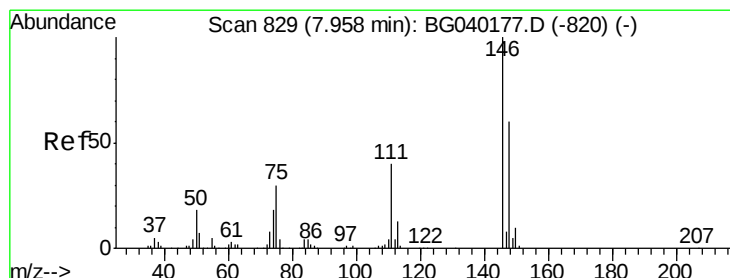
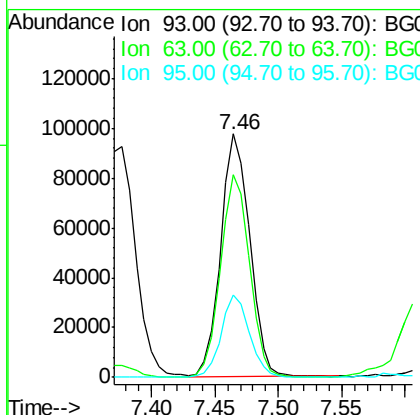
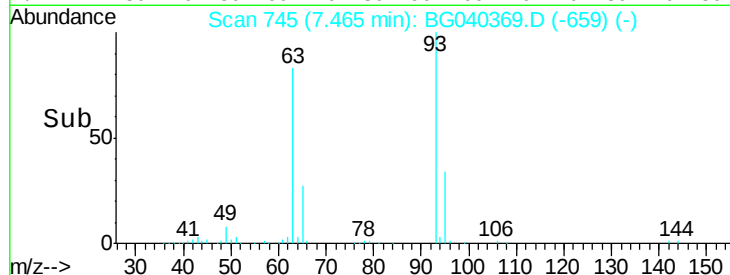
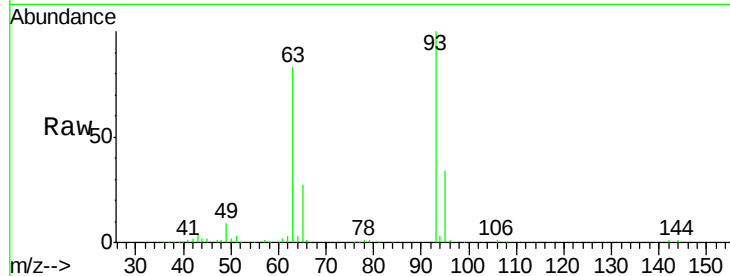
#11
 bis(2-Chloroethyl)ether
 Concen: 36.591 ng
 RT: 7.46 min Scan# 745
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 PB118610BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	155345		
63	83.2	64.2	104.2	
95	33.6	14.0	54.0	

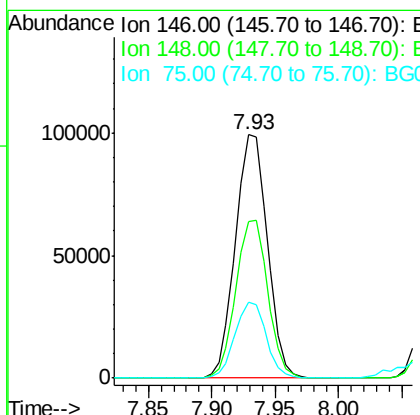
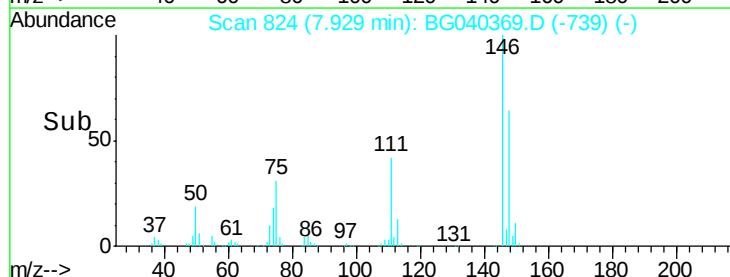
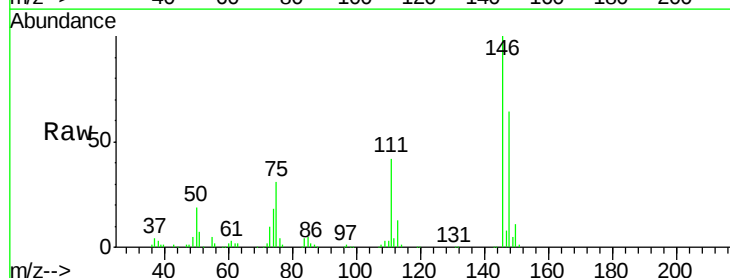
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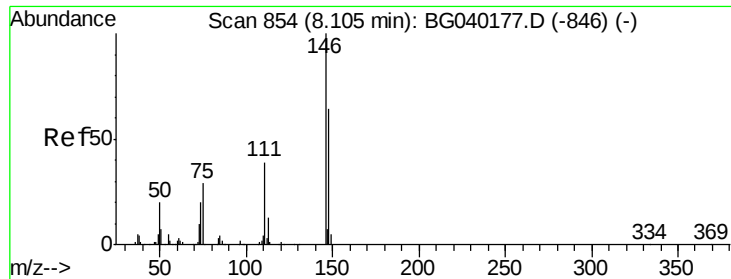
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#12
 1,3-Dichlorobenzene
 Concen: 38.747 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.03 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	174223		
148	64.2	48.2	72.2	
75	31.0	24.1	36.1	





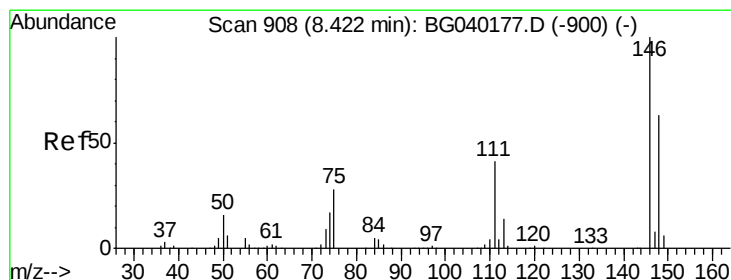
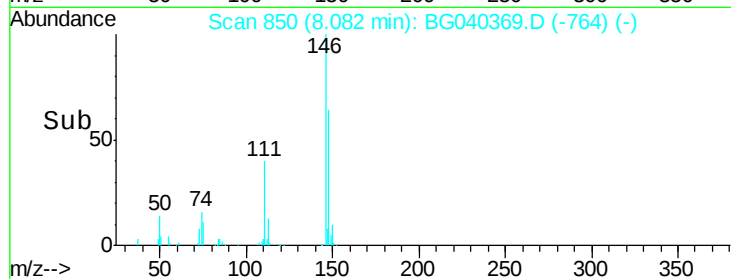
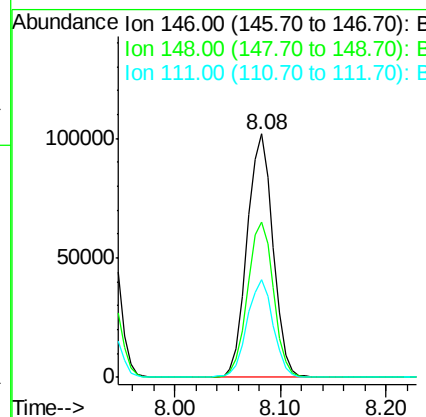
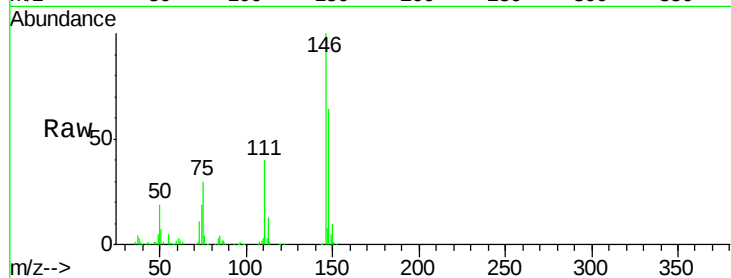
#13
 1,4-Dichlorobenzene
 Concen: 38.637 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Instrument :
 BNA_G
 ClientSampled :
 PB118610BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.4
111	40.2	31.8	47.6

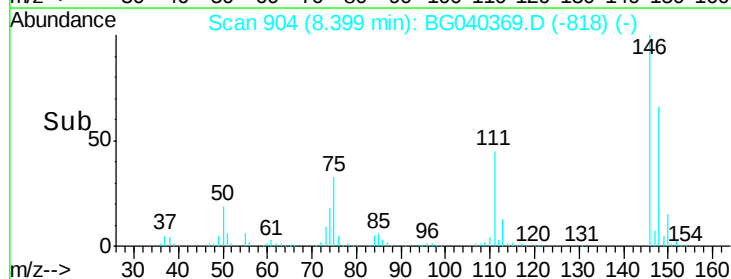
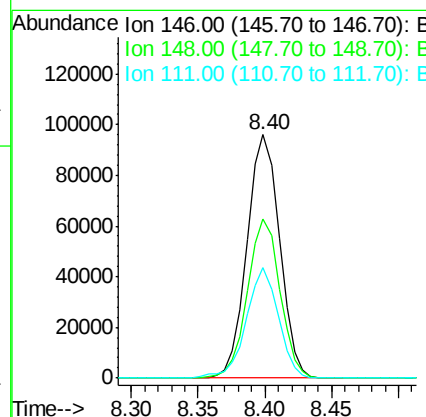
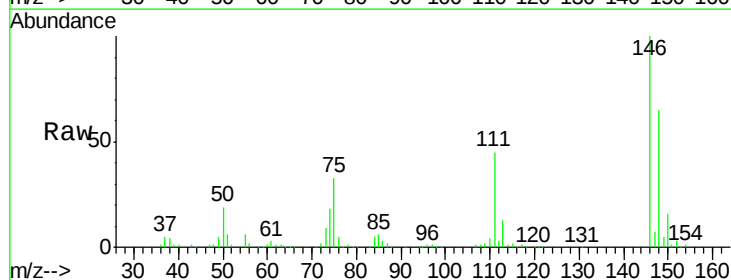
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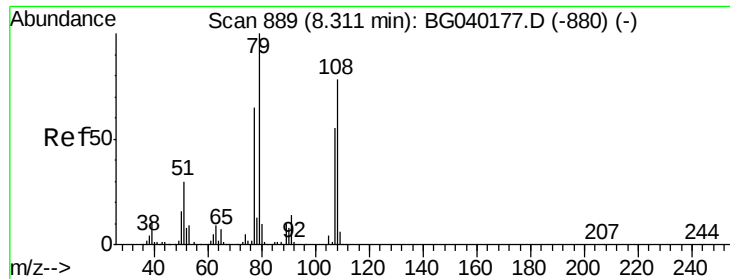
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#14
 1,2-Dichlorobenzene
 Concen: 37.946 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.8	76.2
111	45.2	33.4	50.0





#15

Benzyl Alcohol

Concen: 36.354 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

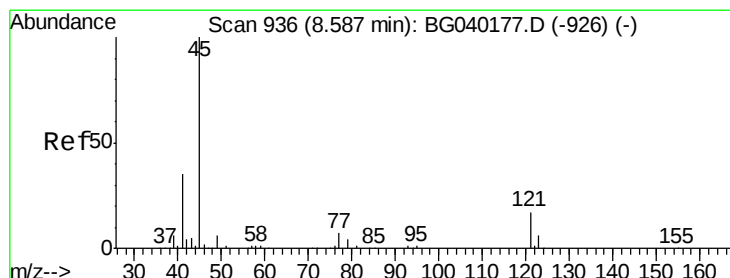
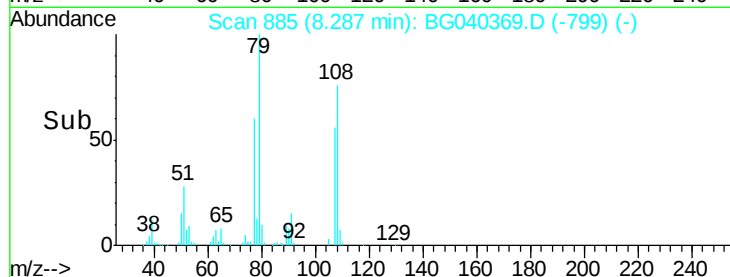
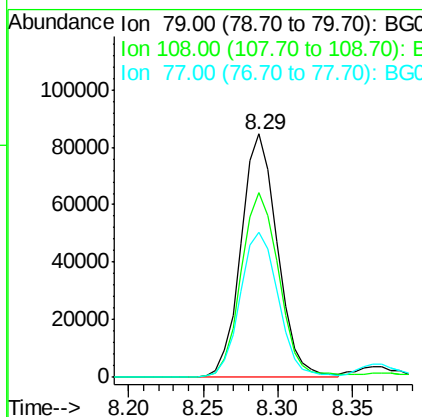
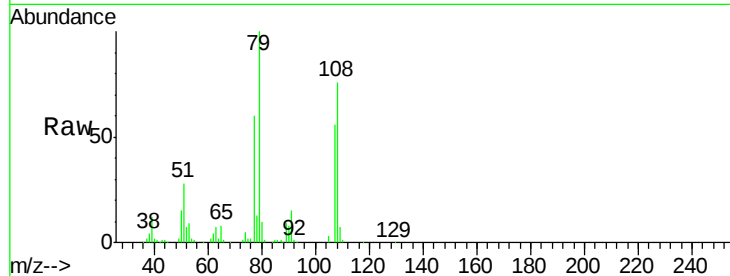
ClientSampleId :

PB118610BS

Tgt Ion:	79	Resp:	142975
Ion Ratio	Lower	Upper	
79	100		
108	75.8	62.1	93.1
77	59.8	51.9	77.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.918 ng

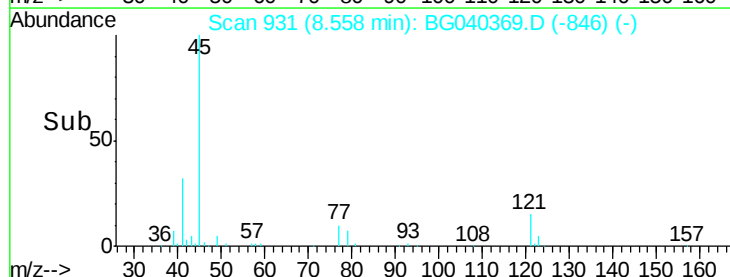
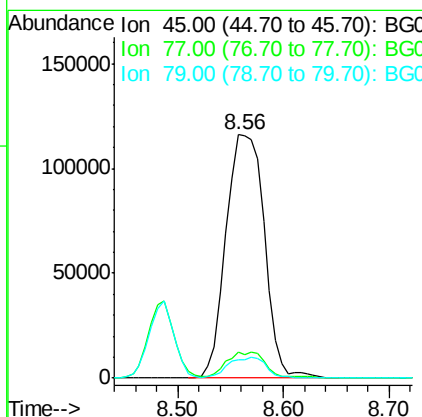
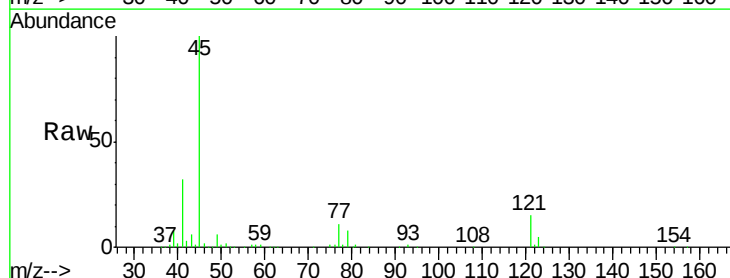
RT: 8.56 min Scan# 931

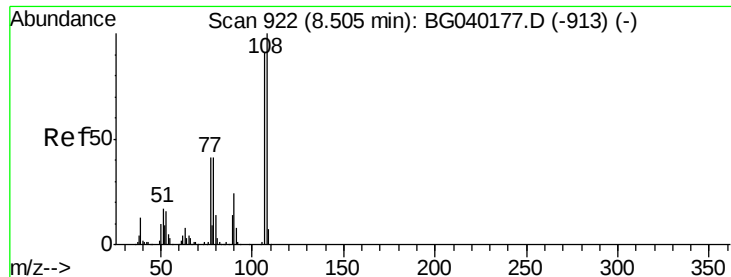
Delta R.T. -0.03 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Tgt Ion:	45	Resp:	292650
Ion Ratio	Lower	Upper	
45	100		
77	10.5	0.0	31.4
79	7.6	0.0	28.3





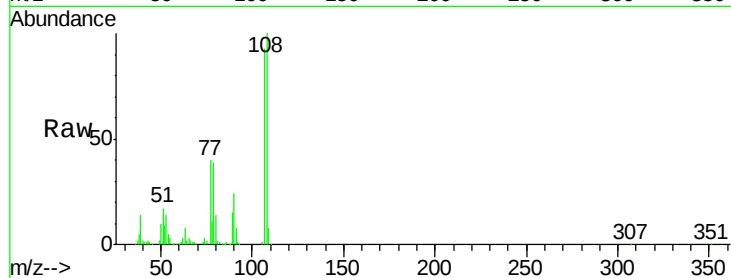
#17
2-Methylphenol
Concen: 39.171 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB118610BS

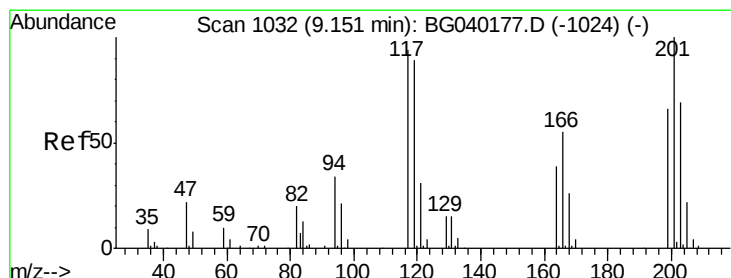
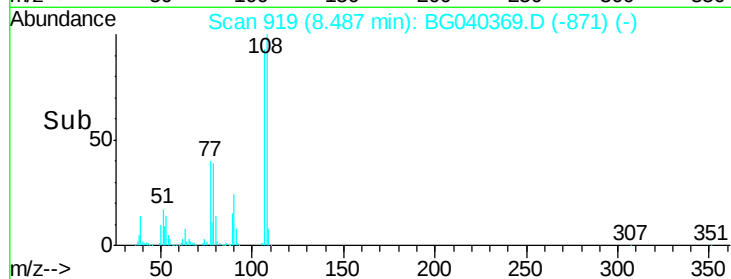
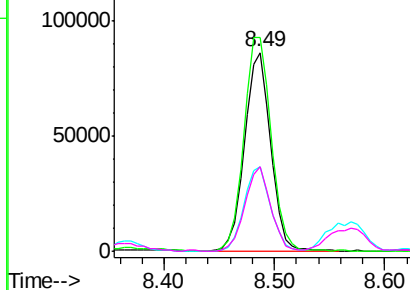
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	143672		
108	107.3	88.2	132.4	
77	42.8	36.6	55.0	
79	42.3	36.5	54.7	

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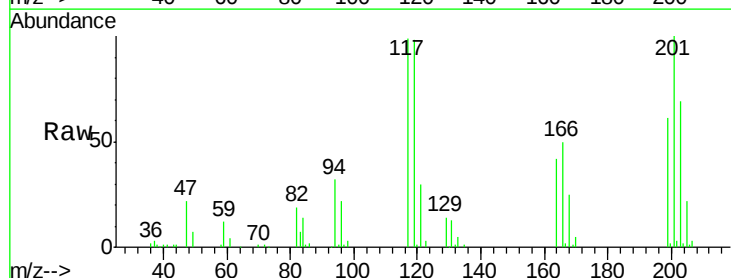


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

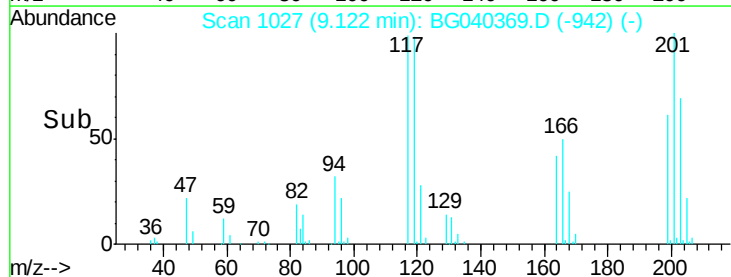
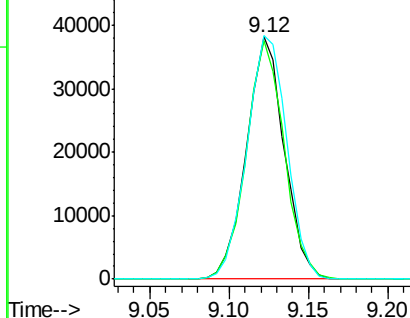


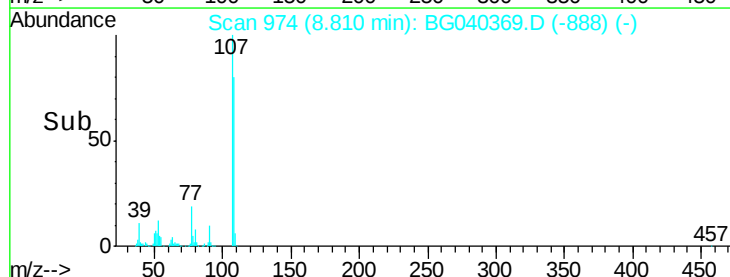
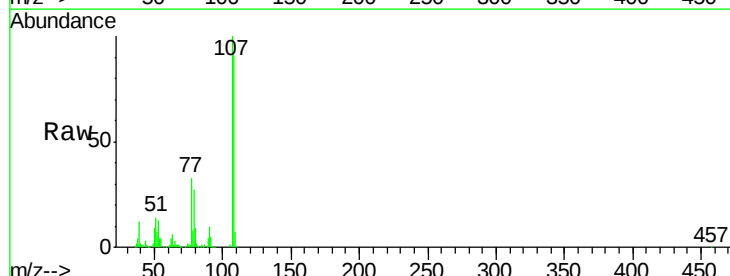
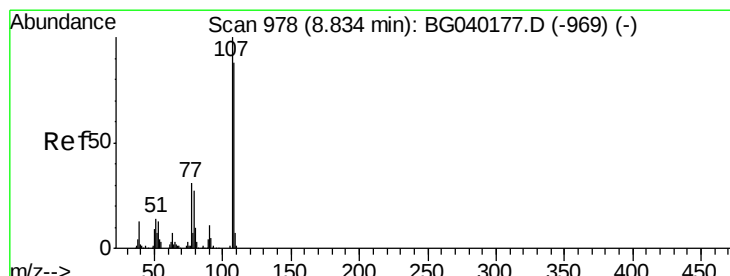
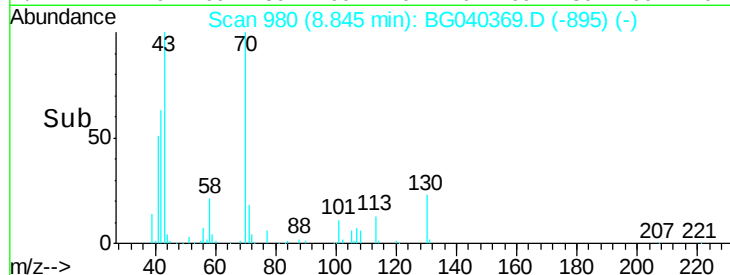
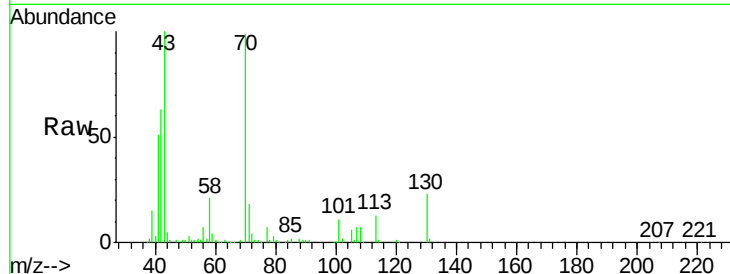
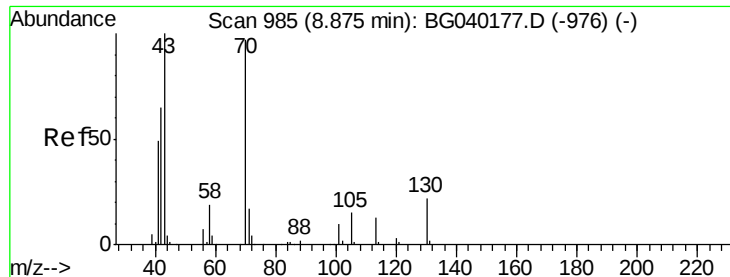
#18
Hexachloroethane
Concen: 37.186 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	63345		
119	98.5	76.6	115.0	
201	100.6	85.0	127.4	



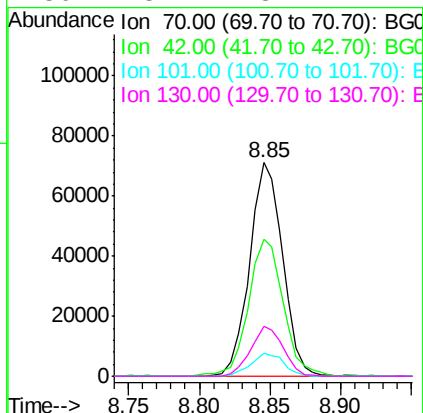
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 33.352 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		116776		
42	64.0	54.0	81.0		
101	10.7	8.6	13.0		
130	23.4	18.2	27.2		



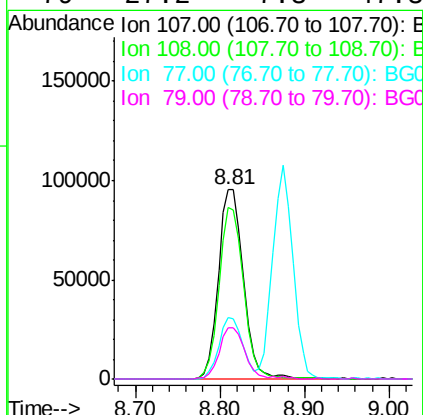
Instrument :
BNA_G
ClientSampleId :
PB118610BS

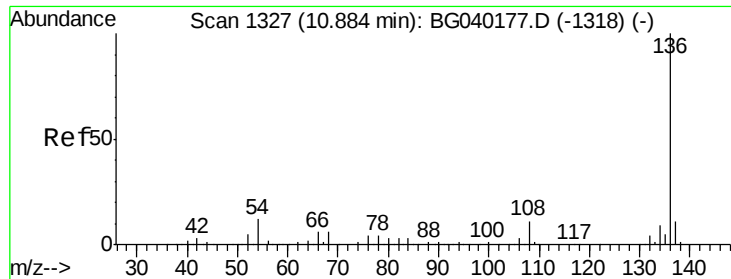
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#20
3+4-Methylphenols
Concen: 39.682 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		197175		
108	90.8	68.3	108.3		
77	32.5	11.3	51.3		
79	27.2	7.3	47.3		





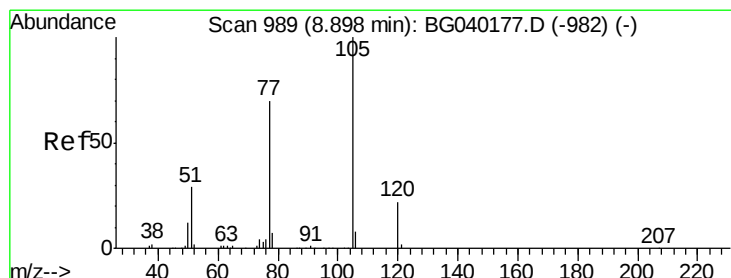
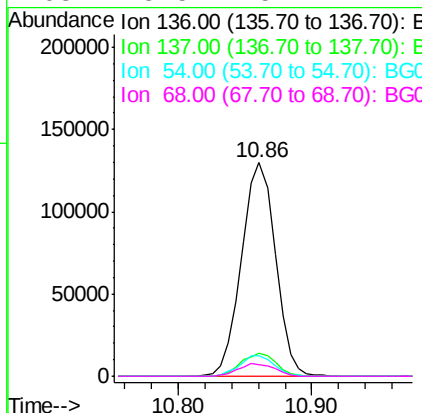
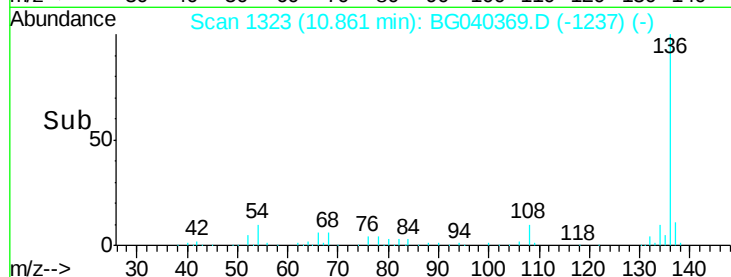
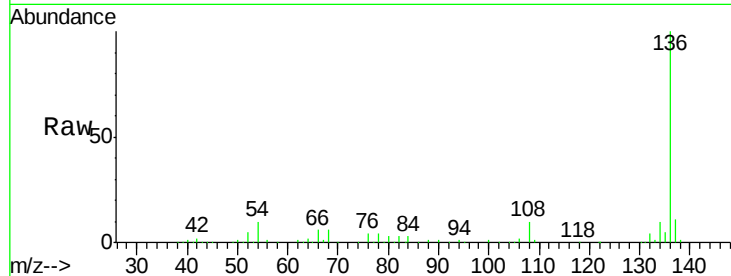
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB118610BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	229106		
137	10.8	8.9	13.3	
54	9.8	9.6	14.4	
68	5.5	5.1	7.7	

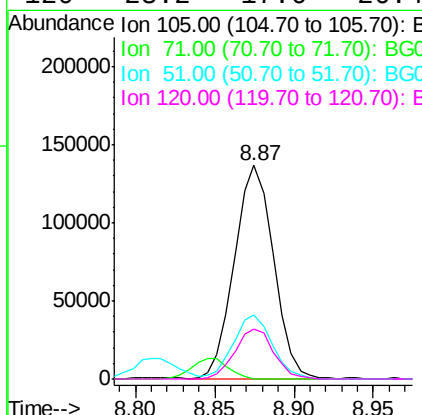
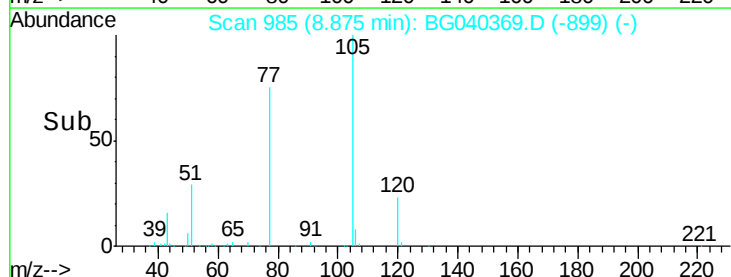
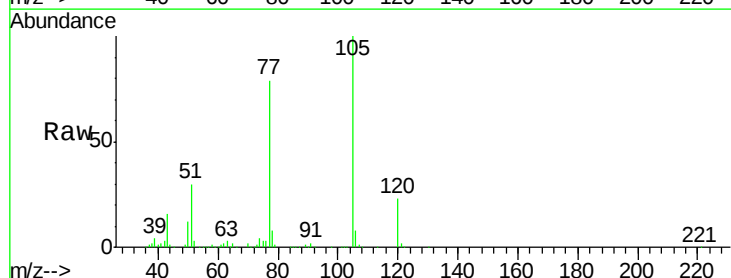
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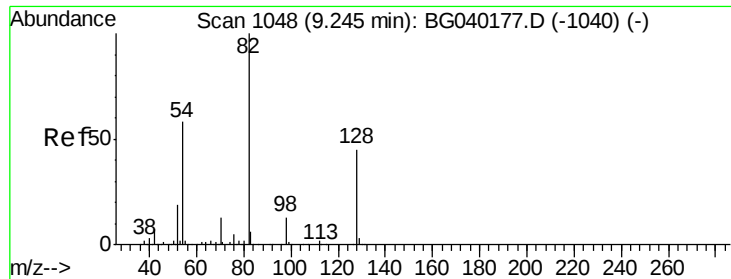
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#22
Acetophenone
Concen: 40.860 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	233515		
71	0.3	0.6	1.0#	
51	30.2	25.1	37.7	
120	23.2	17.6	26.4	





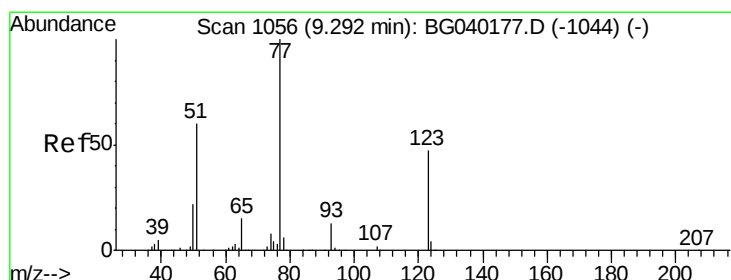
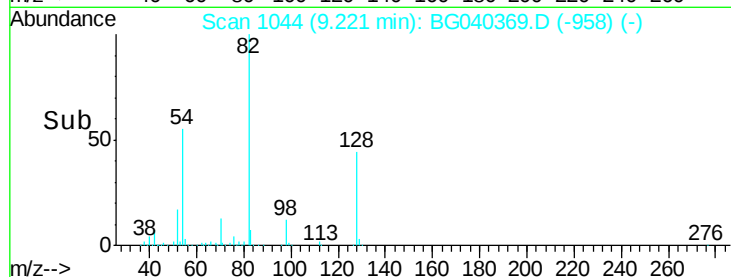
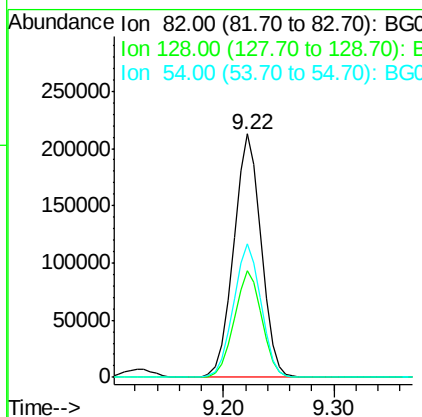
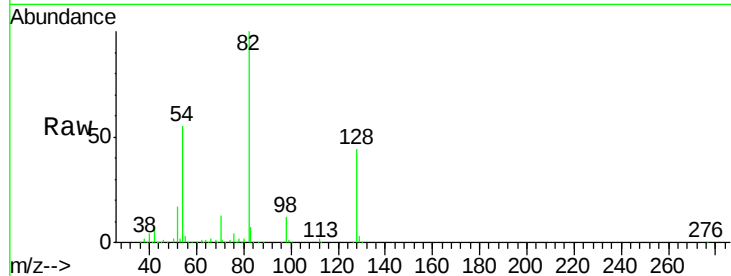
#23
 Nitrobenzene-d5
 Concen: 86.183 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 PB118610BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.8	53.8
54	54.7	46.2	69.2

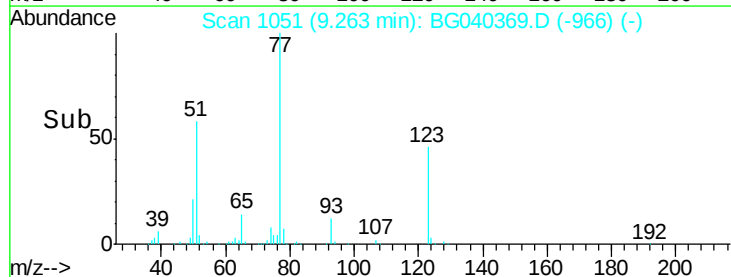
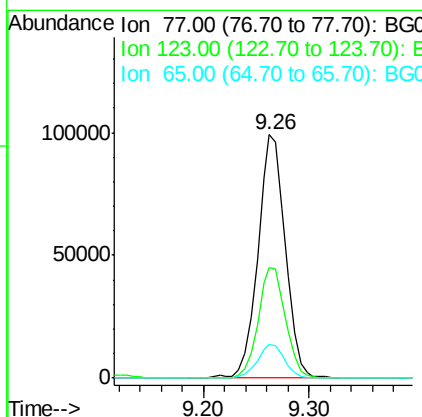
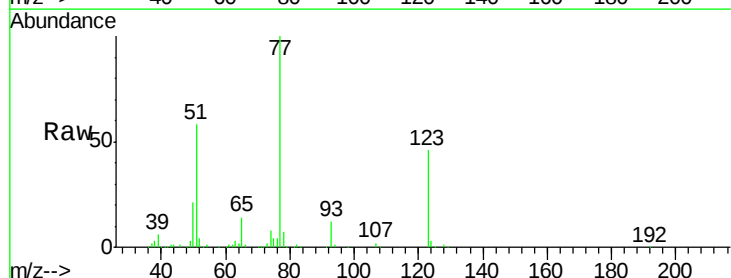
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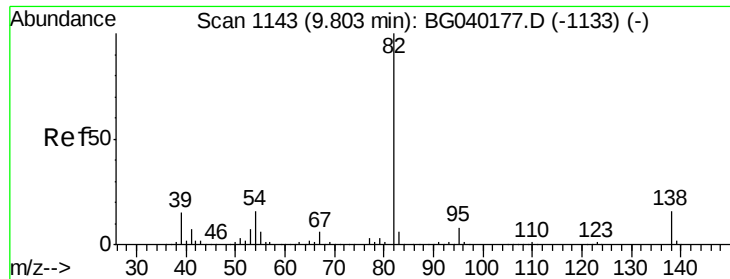
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#24
 Nitrobenzene
 Concen: 39.933 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	37.8	56.6
65	13.7	12.0	18.0





#25

Isophorone

Concen: 38.293 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

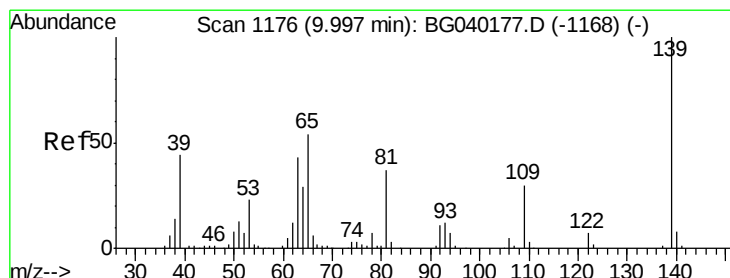
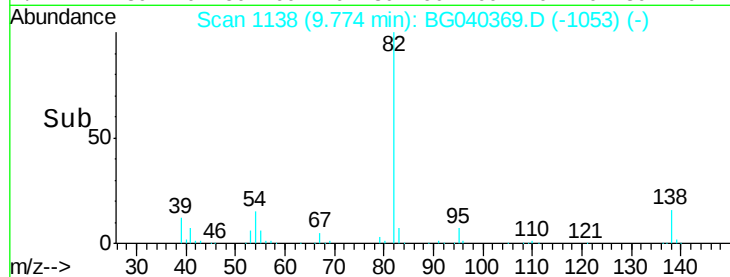
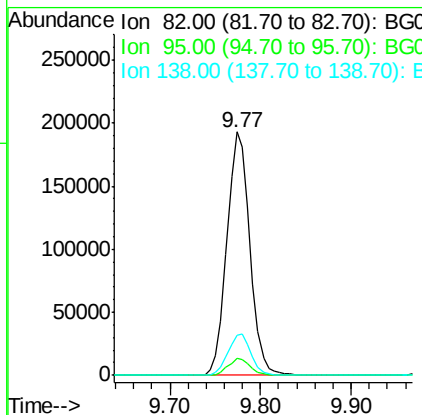
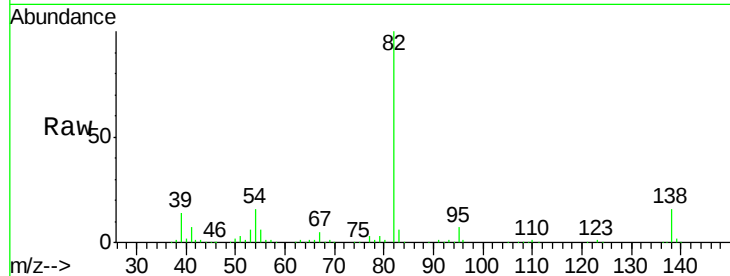
ClientSampleId :

PB118610BS

Tgt Ion:	82	Resp:	339608
Ion Ratio		Lower	Upper
82	100		
95	7.0	6.1	9.1
138	16.4	13.2	19.8

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#26

2-Nitrophenol

Concen: 41.802 ng

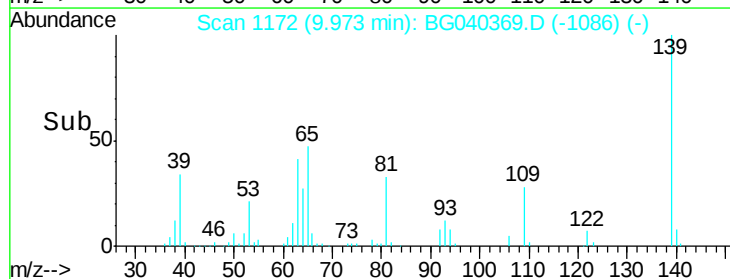
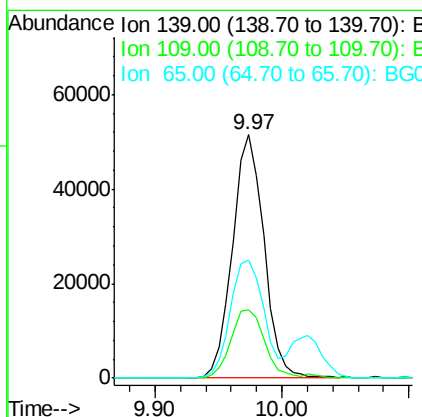
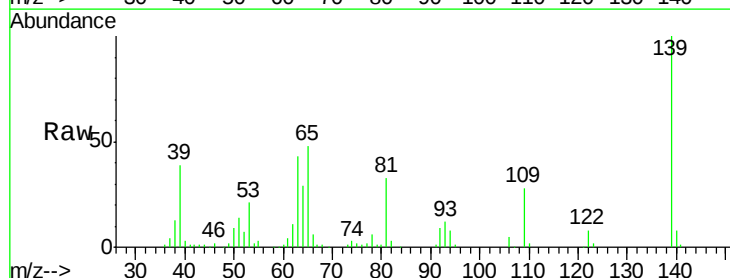
RT: 9.97 min Scan# 1172

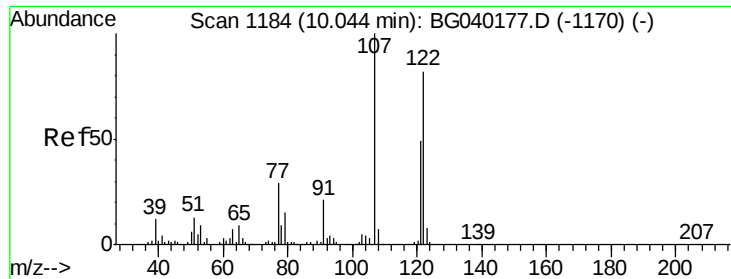
Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Tgt Ion:	139	Resp:	88409
Ion Ratio		Lower	Upper
139	100		
109	28.0	24.1	36.1
65	48.5	43.0	64.6





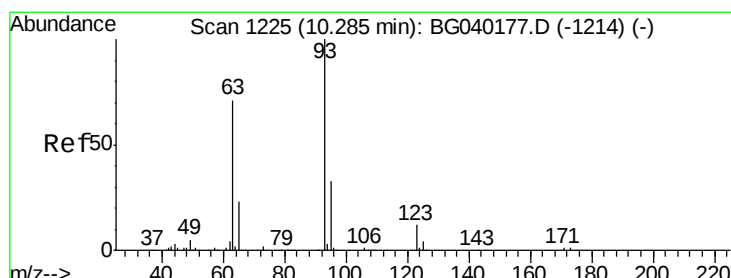
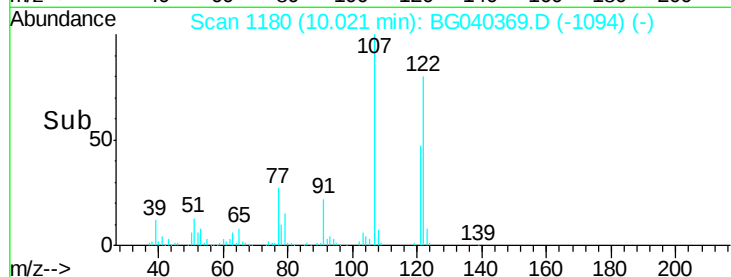
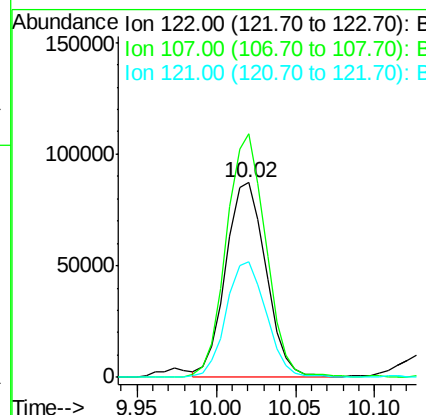
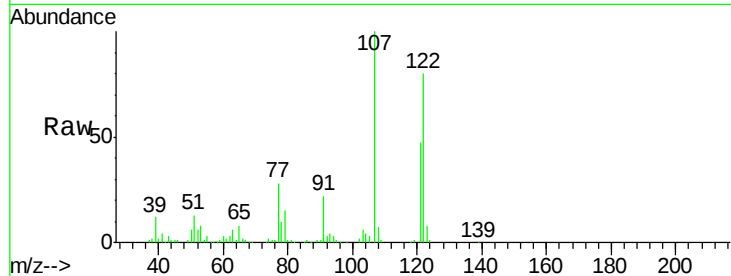
#27
2,4-Dimethylphenol
Concen: 45.685 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampled :
PB118610BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	153477		
107	125.1	97.4	146.2	
121	59.2	47.7	71.5	

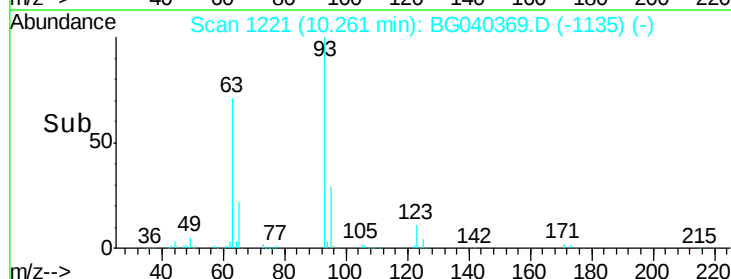
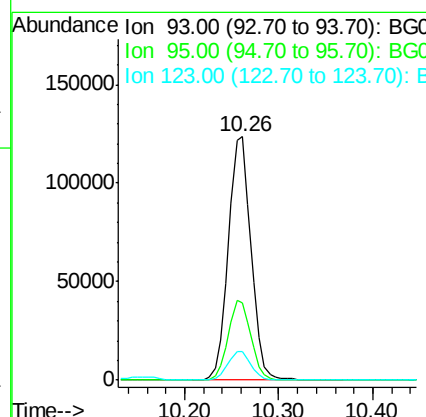
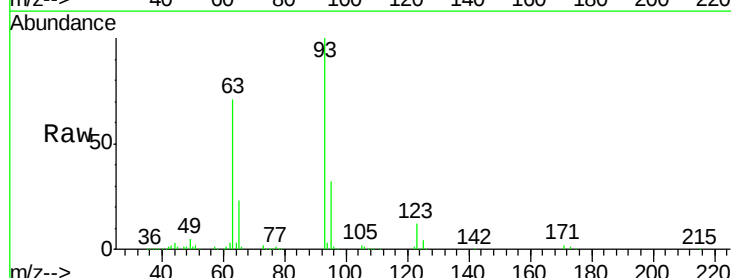
Manual Integrations
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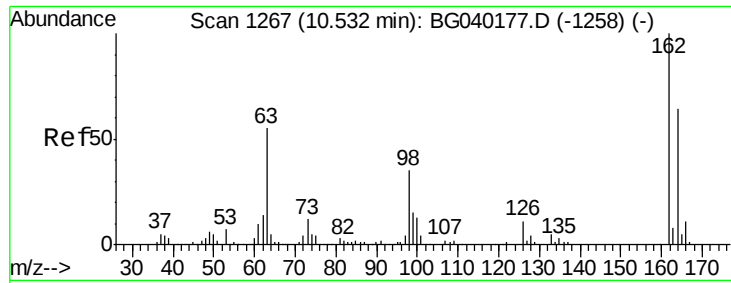
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 39.462 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	207055		
95	31.7	26.2	39.4	
123	11.9	9.4	14.0	





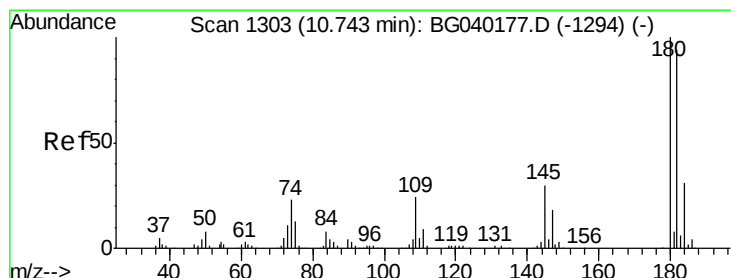
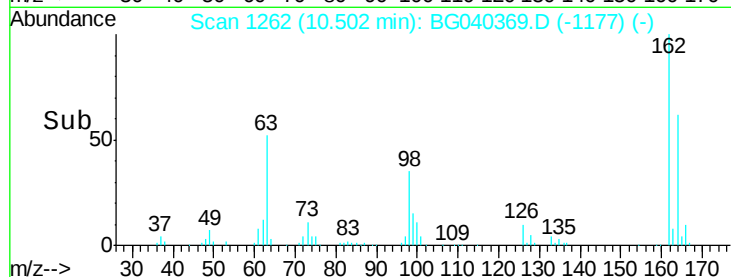
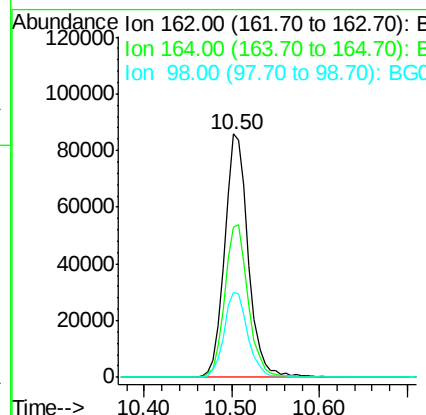
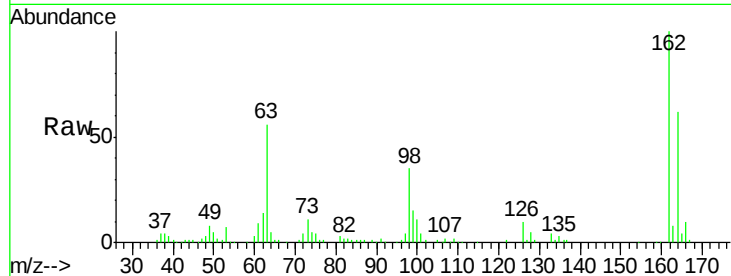
#29
 2,4-Dichlorophenol
 Concen: 43.894 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 PB118610BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	160056		
164	61.6	43.9	83.9	
98	35.1	15.6	55.6	

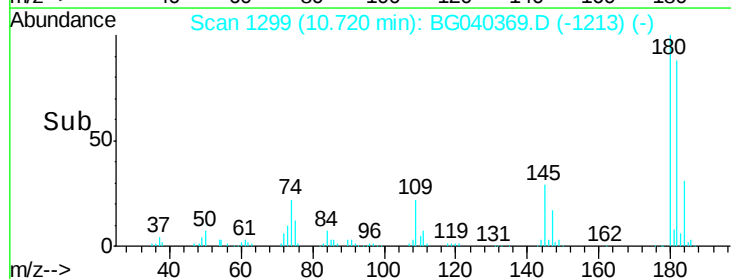
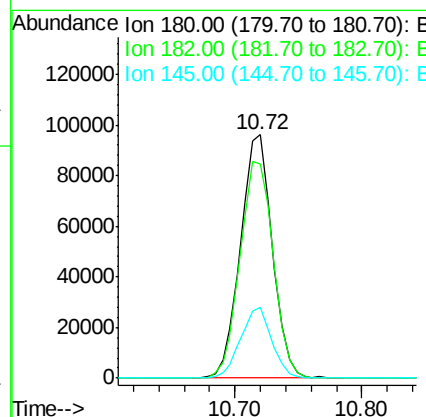
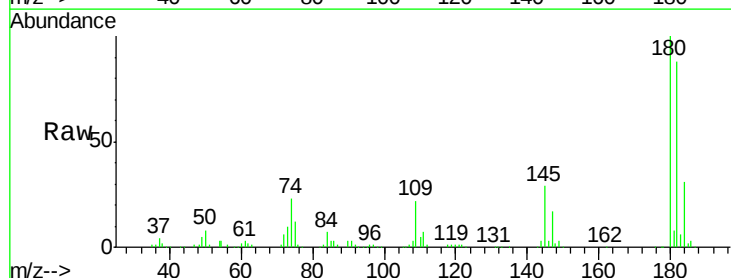
Manual Integrations
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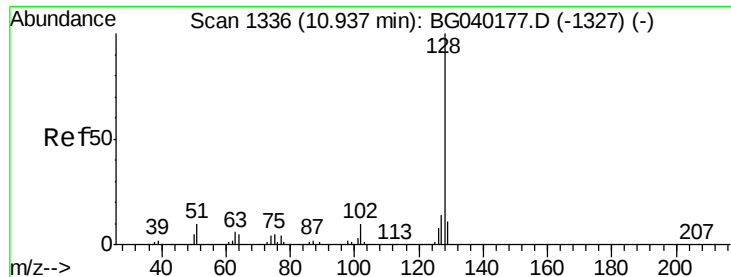
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.752 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	167174		
182	88.2	75.1	112.7	
145	28.8	24.1	36.1	





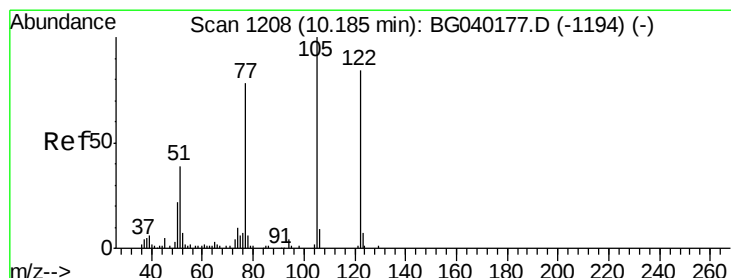
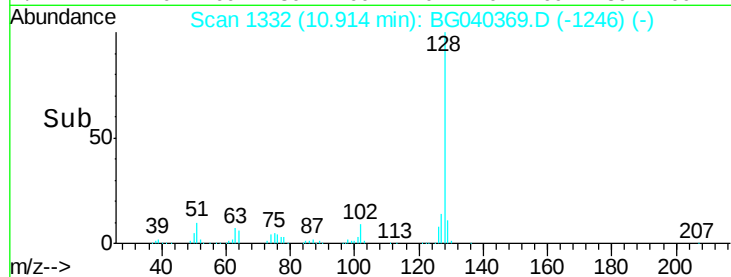
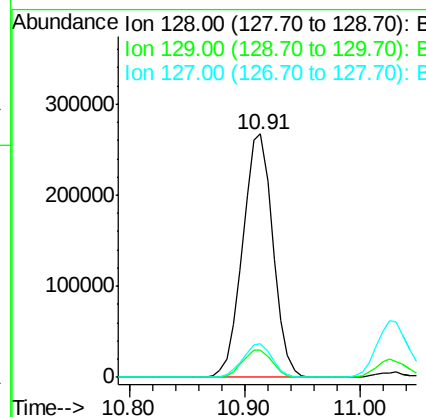
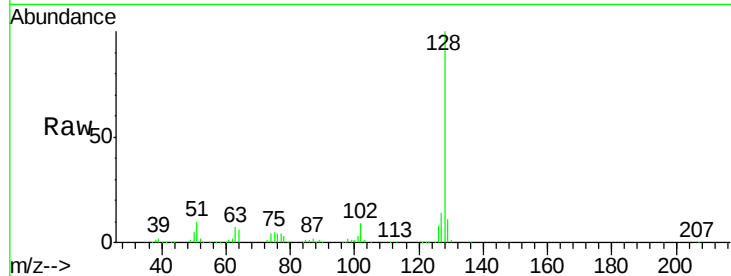
#31
Naphthalene
Concen: 41.306 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB118610BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	485069		
129	11.4	8.9	13.3	
127	13.9	11.4	17.0	

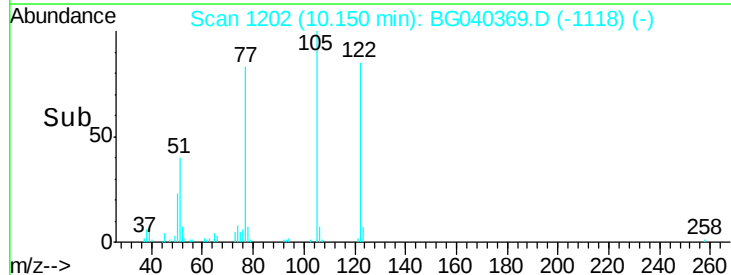
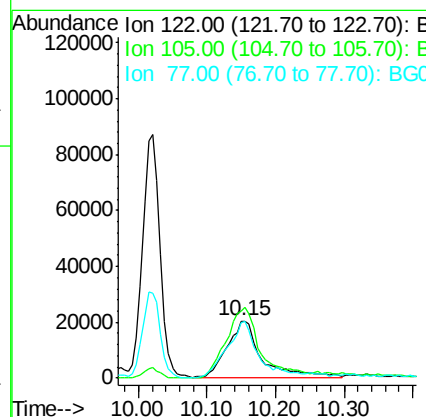
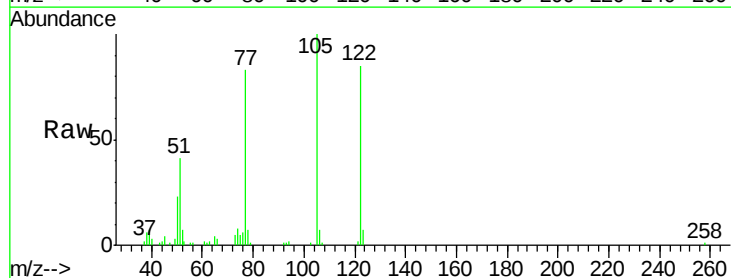
Manual Integrations
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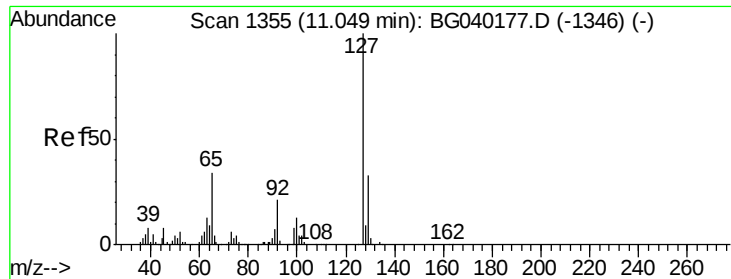
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#32
Benzoic acid
Concen: 34.400 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.04 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	69823		
105	118.0	98.2	138.2	
77	97.6	73.6	113.6	





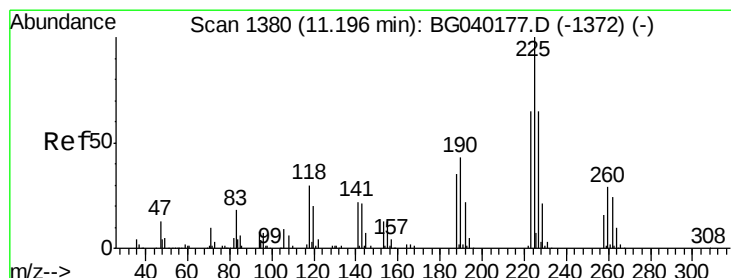
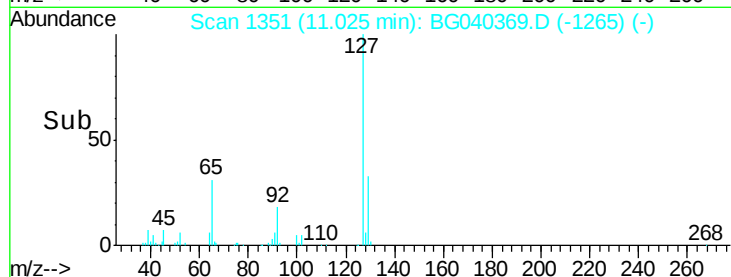
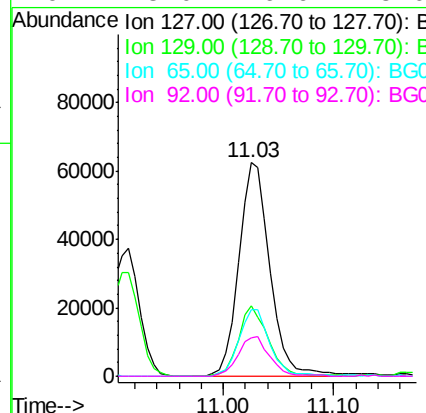
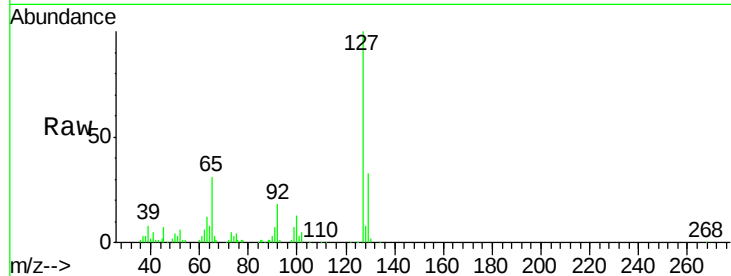
#33
4-Chloroaniline
Concen: 24.574 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB118610BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	123097		
129	32.8	26.6	40.0	
65	30.9	27.0	40.4	
92	18.0	16.6	25.0	

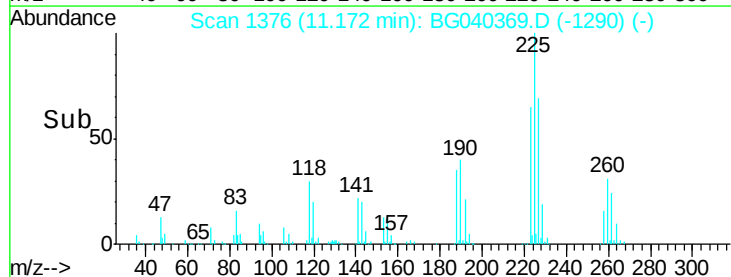
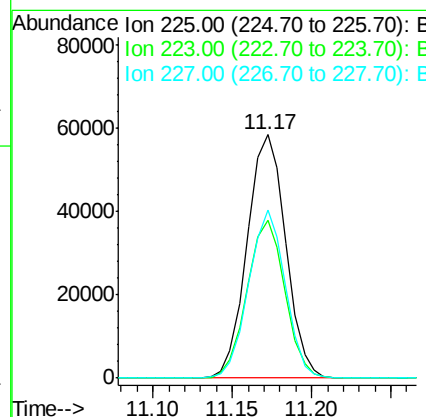
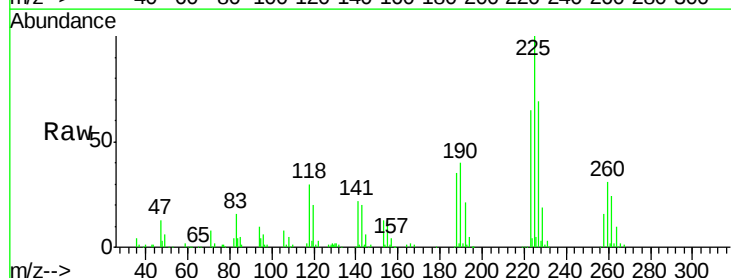
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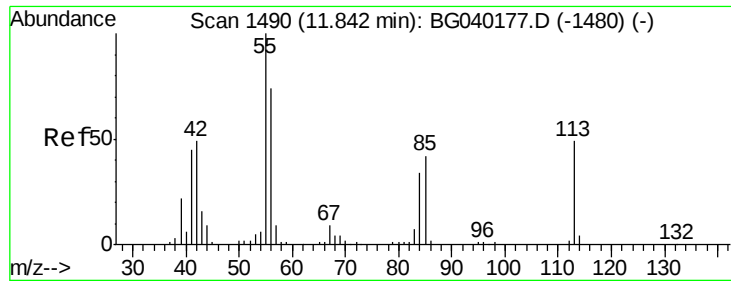
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#34
Hexachlorobutadiene
Concen: 38.555 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	98727		
223	64.6	51.8	77.8	
227	69.1	54.9	82.3	





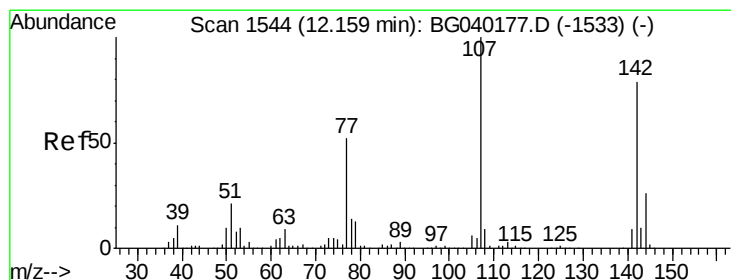
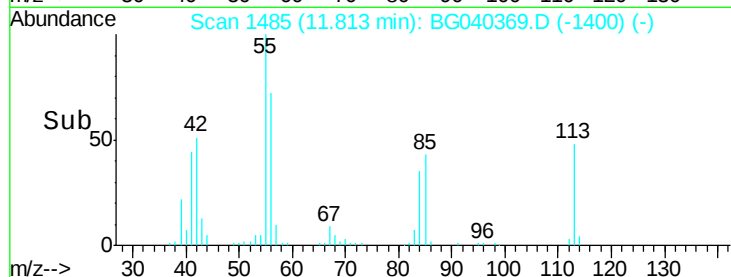
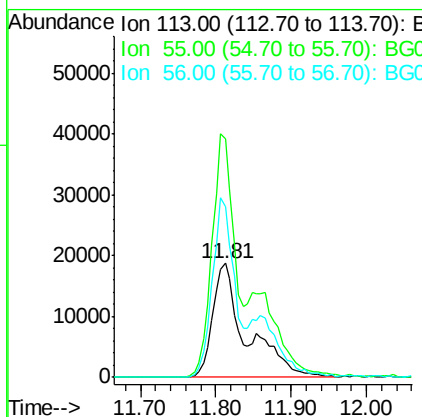
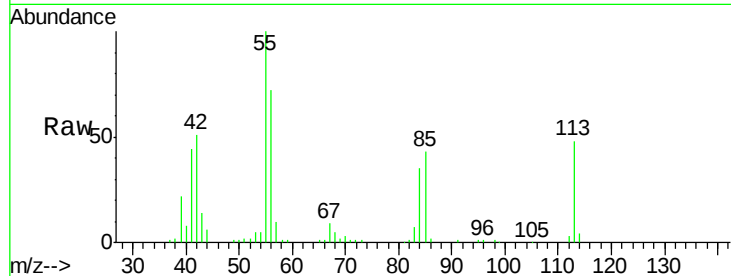
#35
 Caprolactam
 Concen: 40.174 ng m
 RT: 11.81 min Scan# 1485
 Delta R.T. -0.03 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 PB118610BS

Tgt Ion:113 Resp: 58135
 Ion Ratio Lower Upper
 113 100
 55 208.7 184.2 224.2
 56 149.7 131.3 171.3

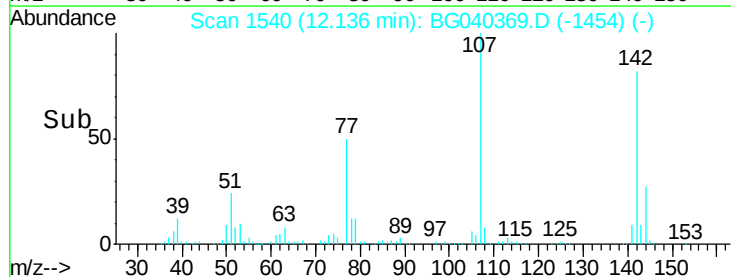
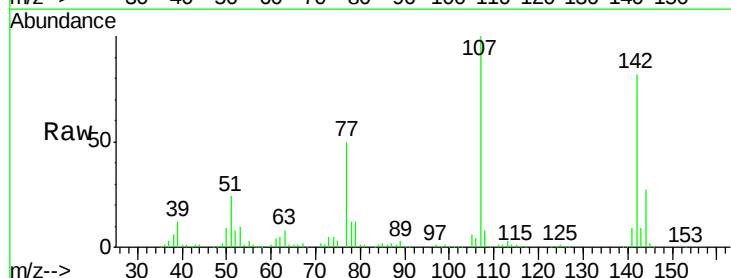
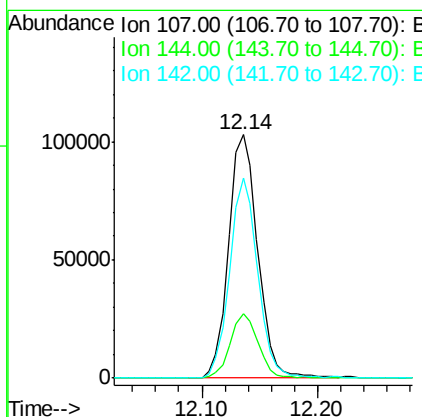
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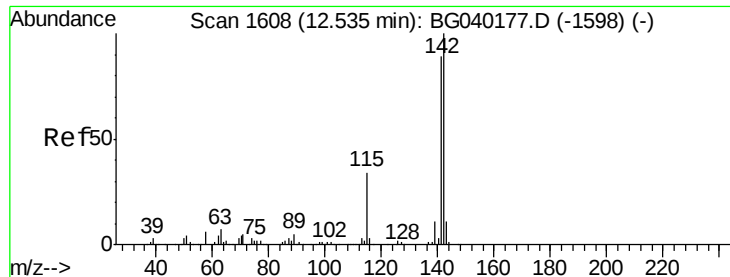
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#36
 4-Chloro-3-methylphenol
 Concen: 42.912 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion:107 Resp: 179890
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.5 30.7
 142 82.3 63.1 94.7





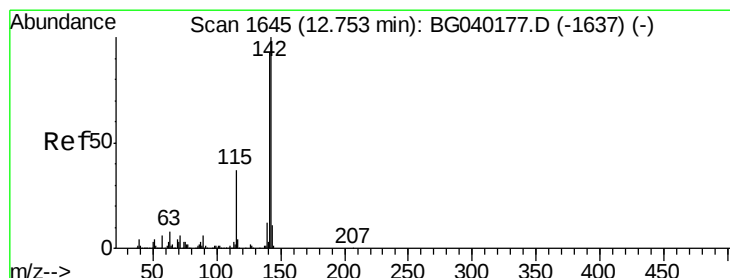
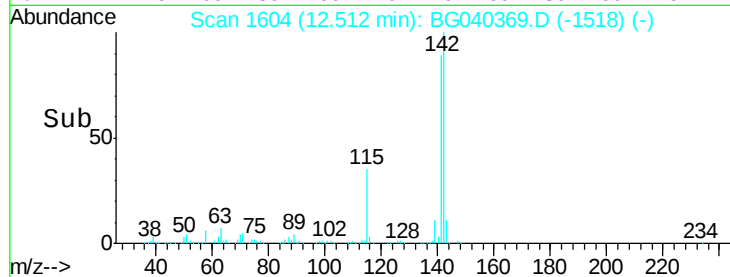
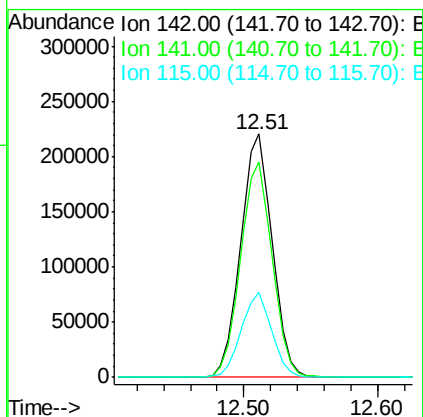
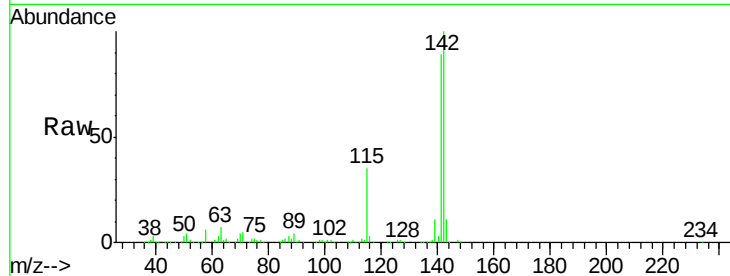
#37
 2-Methylnaphthalene
 Concen: 41.241 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 PB118610BS

Tgt Ion:	142	Resp:	358189
Ion Ratio	Lower	Upper	
142	100		
141	88.6	71.0	106.6
115	35.0	27.3	40.9

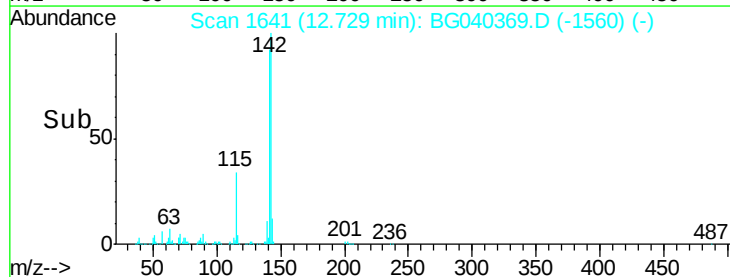
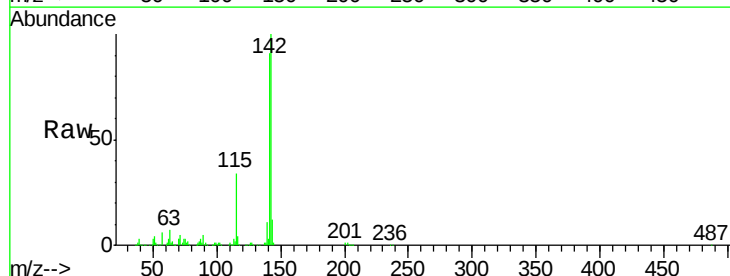
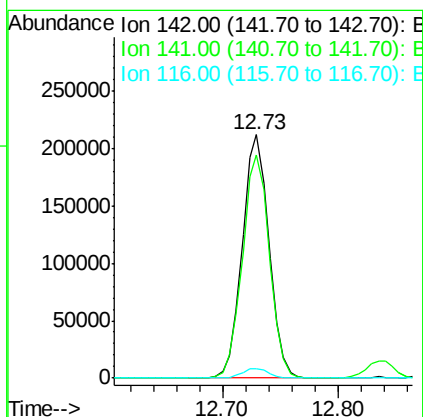
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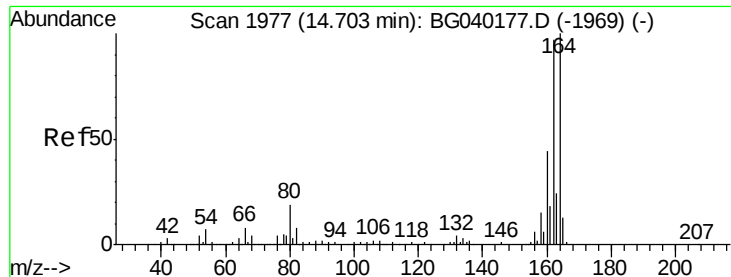
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#38
 1-Methylnaphthalene
 Concen: 40.468 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion:	142	Resp:	340825
Ion Ratio	Lower	Upper	
142	100		
141	91.4	74.2	111.4
116	3.8	3.0	4.4





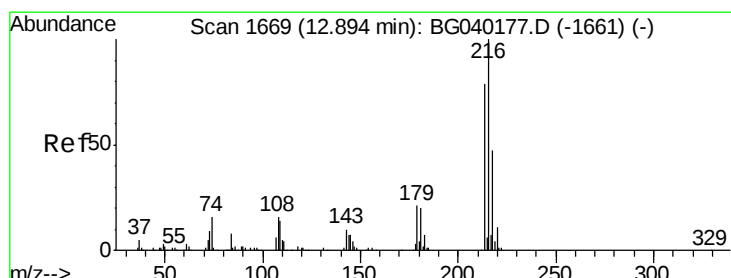
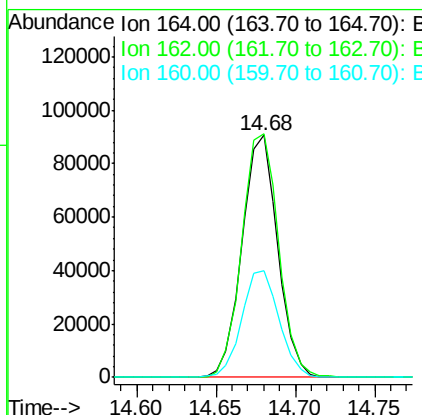
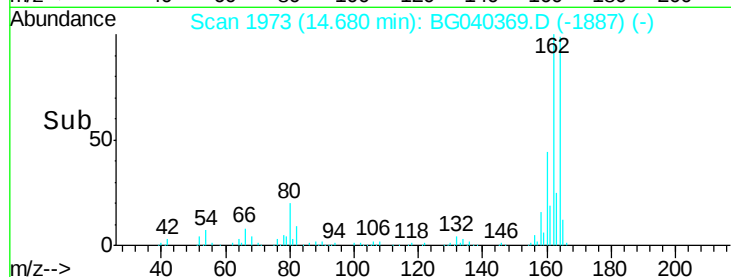
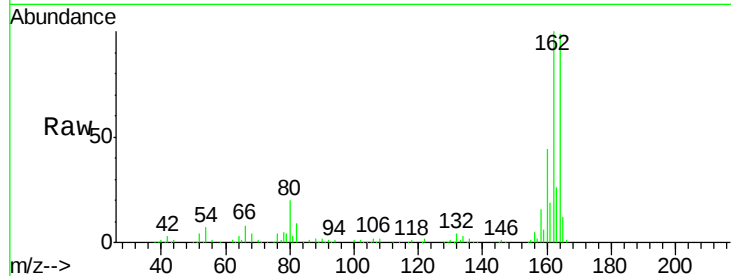
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB118610BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	140882		
162	100.5	77.4	116.2	
160	43.8	35.3	52.9	

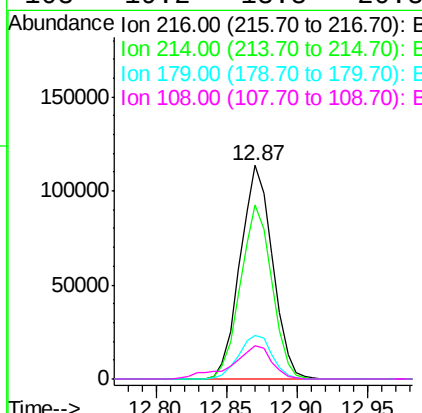
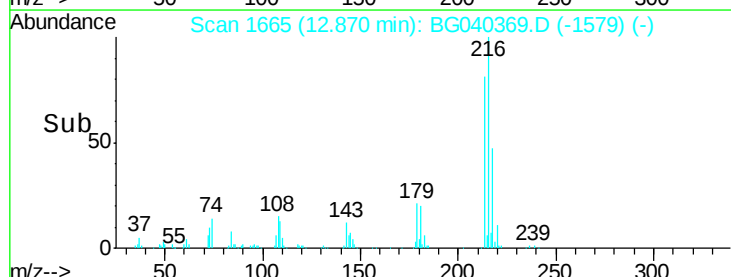
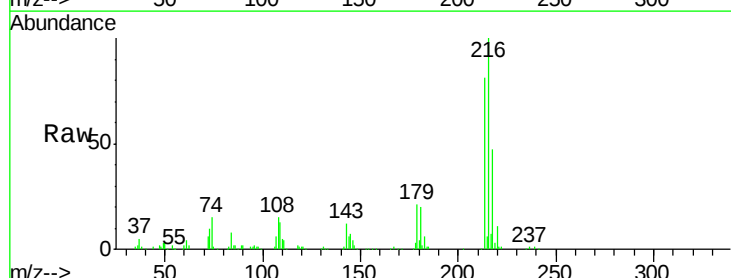
Manual Integrations
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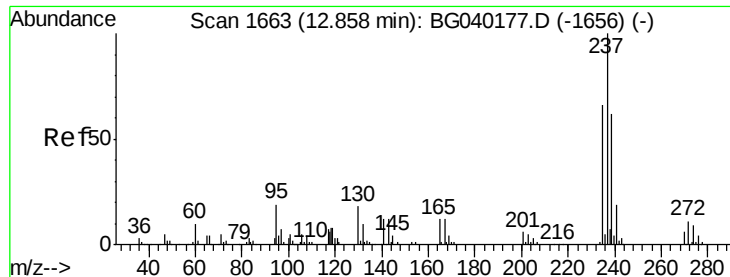
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.589 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	181745		
214	79.2	63.5	95.3	
179	21.1	16.6	25.0	
108	19.2	13.8	20.8	





#41

Hexachlorocyclopentadiene

Concen: 86.645 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

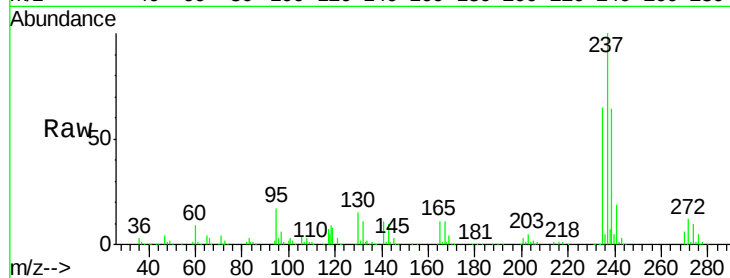
ClientSampleId :

PB118610BS

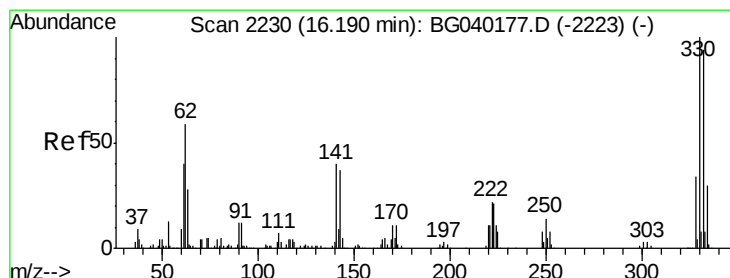
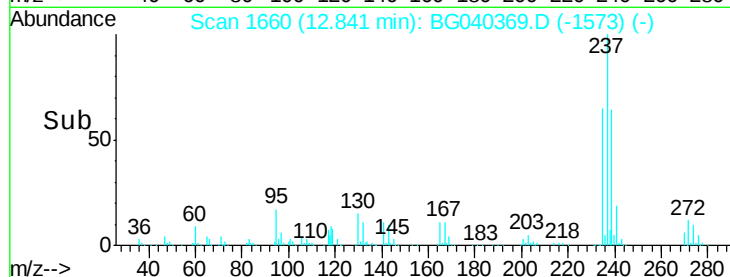
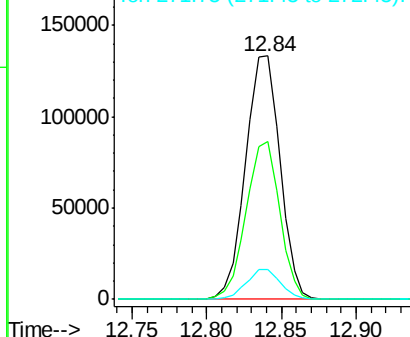
Tgt Ion:	237	Resp:	213026
Ion Ratio		Lower	Upper
237	100		
235	64.9	46.2	86.2
272	12.1	0.0	30.5

Manual Integrations
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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: 155.985 ng

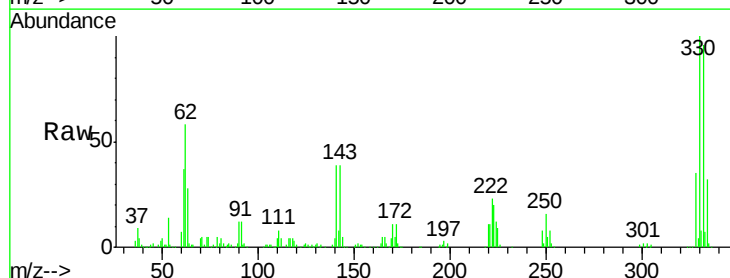
RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

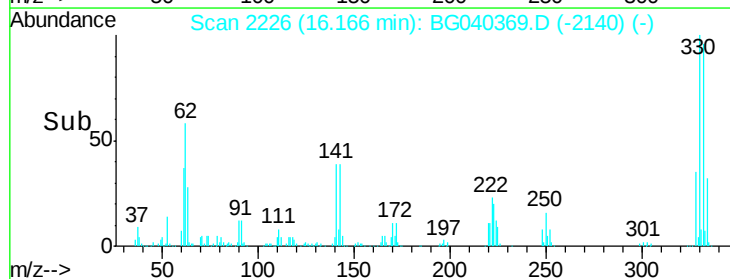
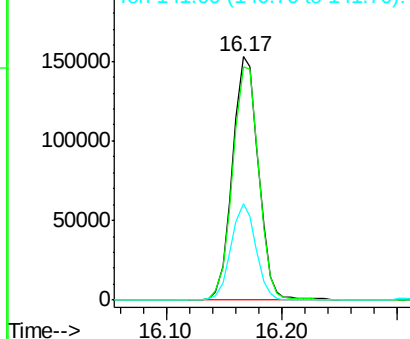
Lab File: BG040369.D

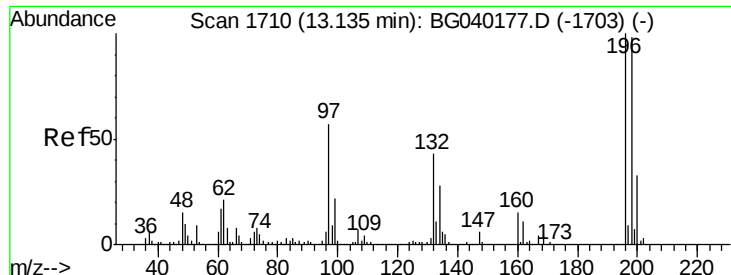
Acq: 4 Apr 2019 21:18

Tgt Ion:	330	Resp:	237498
Ion Ratio		Lower	Upper
330	100		
332	96.6	76.6	115.0
141	38.2	32.6	48.8



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





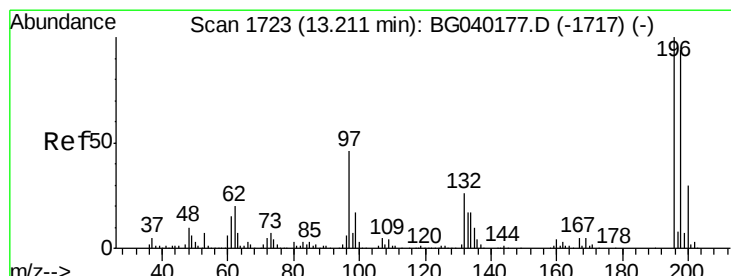
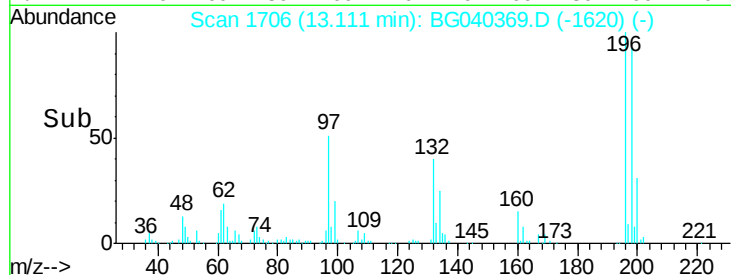
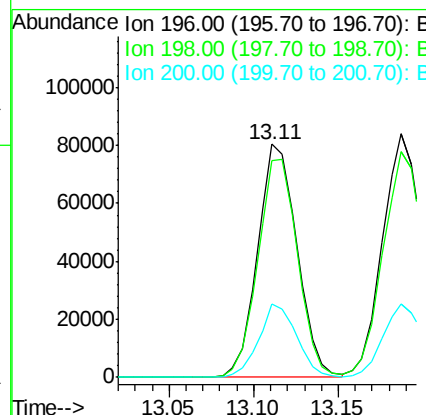
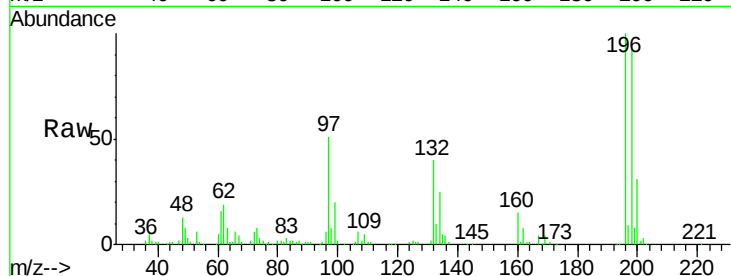
#43
 2,4,6-Trichlorophenol
 Concen: 45.007 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Instrument :
 BNA_G
 ClientSampled :
 PB118610BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	129933		
198	92.9	78.3	117.5	
200	31.3	26.0	39.0	

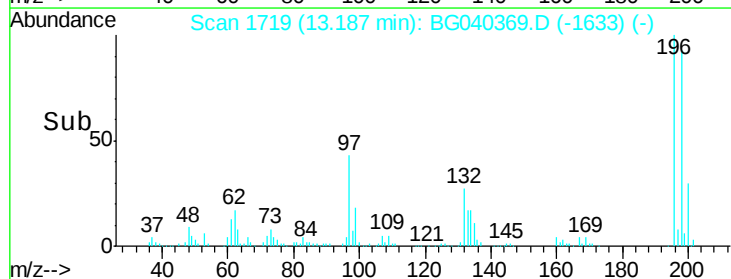
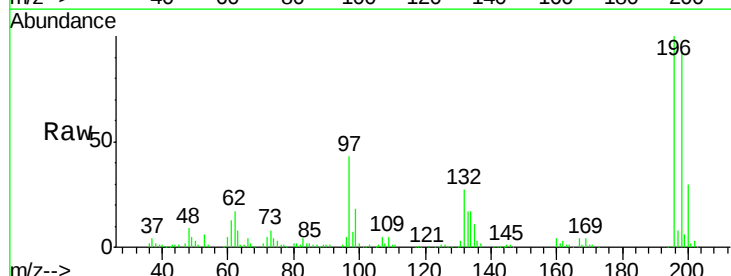
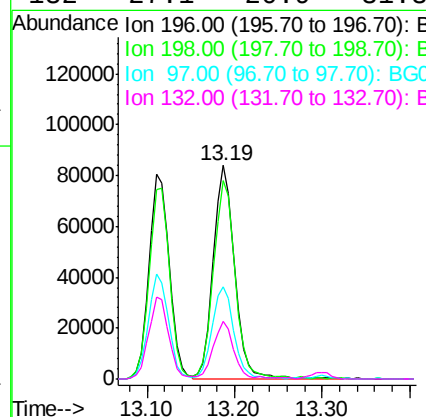
Manual Integrations
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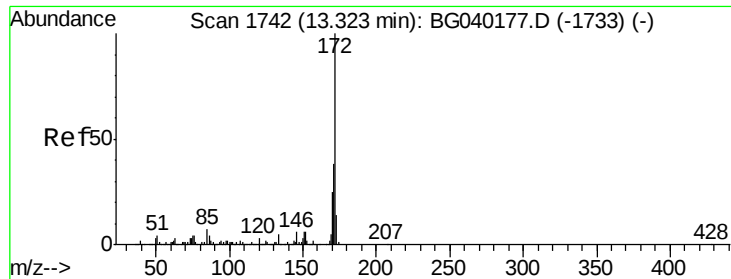
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 45.791 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	144090		
198	92.7	75.0	112.6	
97	43.3	37.3	55.9	
132	27.1	20.9	31.3	





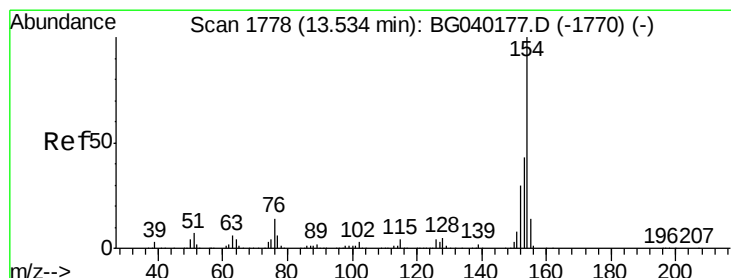
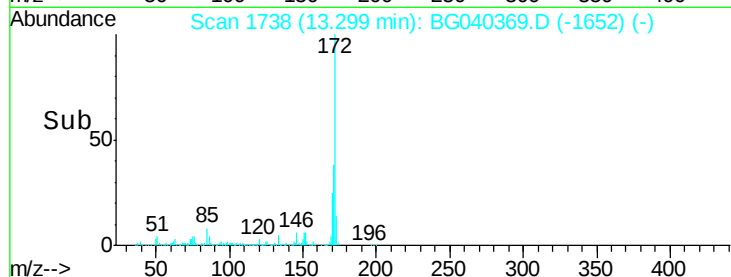
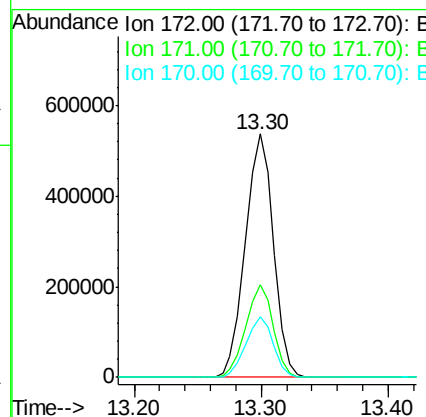
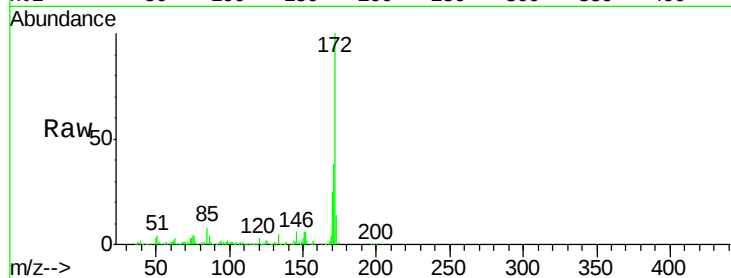
#45
2-Fluorobiphenyl
Concen: 86.877 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB118610BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.5	45.7
170	24.8	20.1	30.1

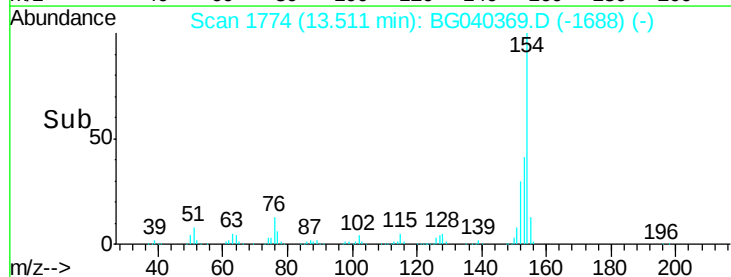
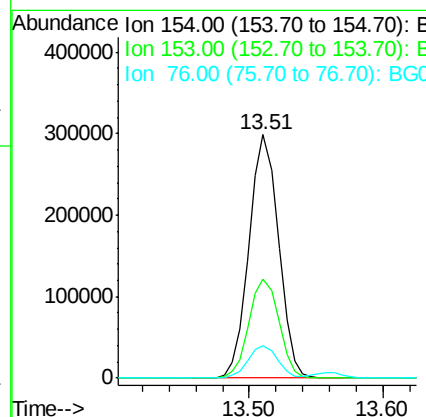
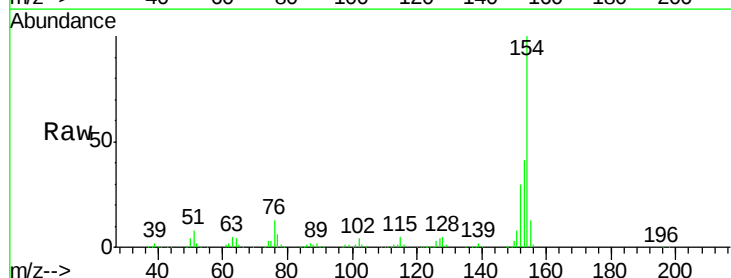
Manual Integrations
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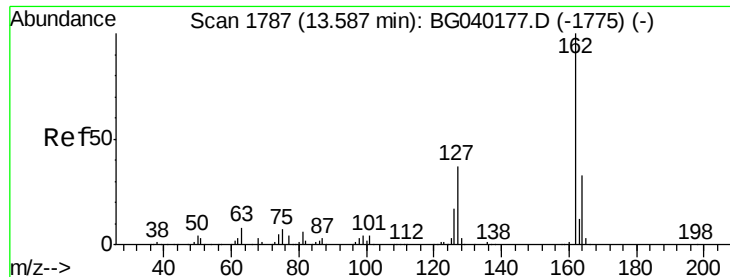
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#46
1,1'-Biphenyl
Concen: 40.808 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	22.5	62.5
76	13.4	0.0	33.7





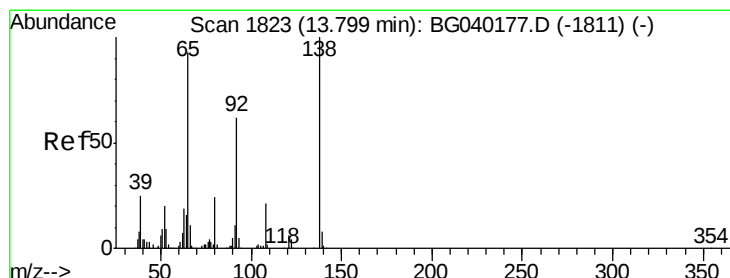
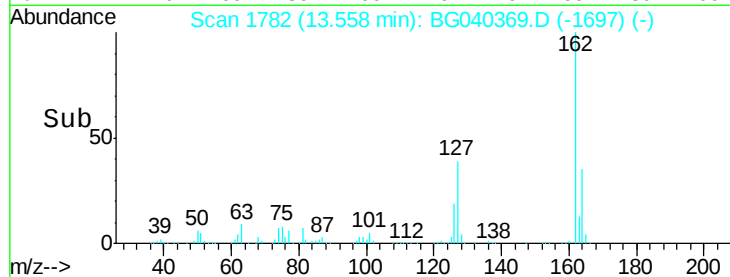
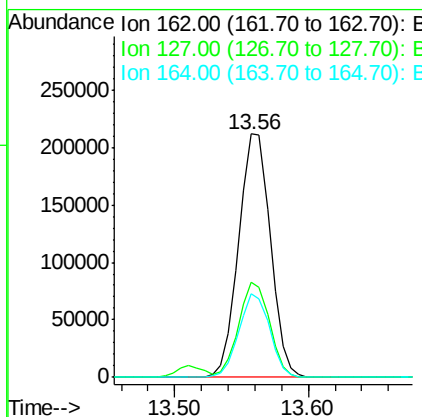
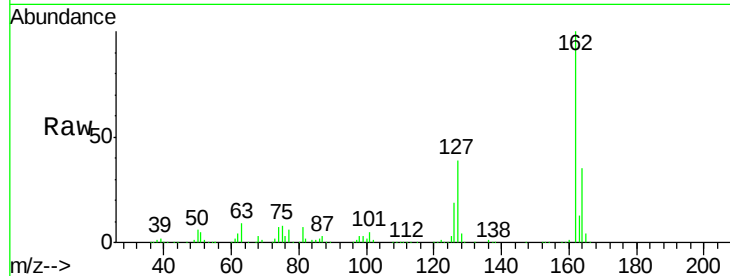
#47
 2-Chloronaphthalene
 Concen: 40.980 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 PB118610BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	349912		
127	39.2	30.6	45.8	
164	34.6	26.2	39.4	

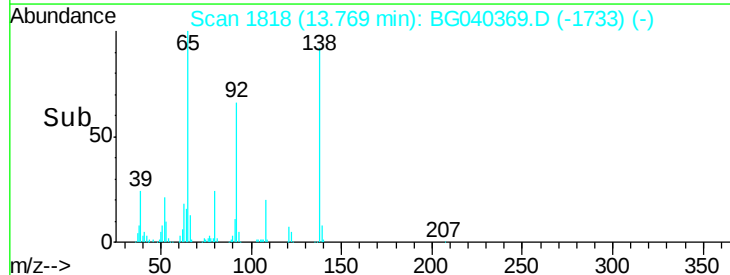
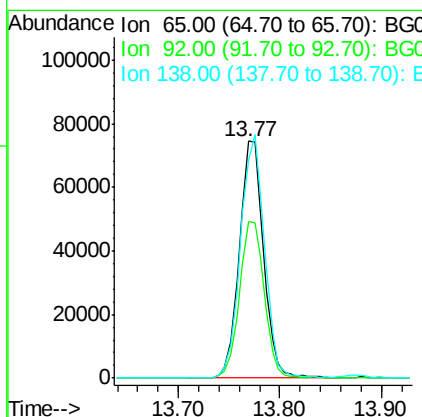
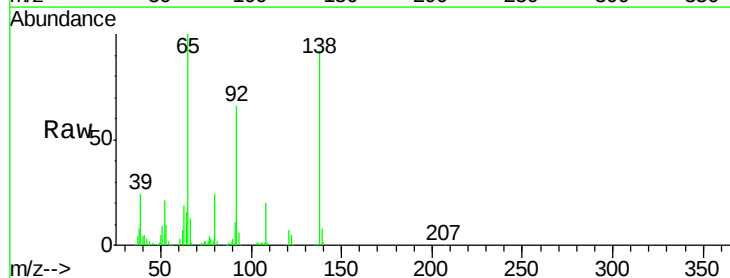
Manual Integrations
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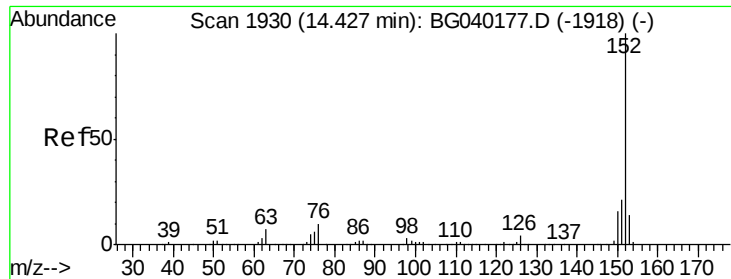
Sohil
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#48
 2-Nitroaniline
 Concen: 43.000 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	123847		
92	65.9	53.8	80.6	
138	92.0	86.3	129.5	





#49

Acenaphthylene

Concen: 40.772 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

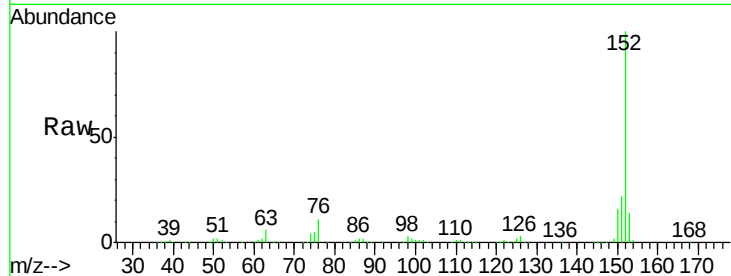
ClientSampleId :

PB118610BS

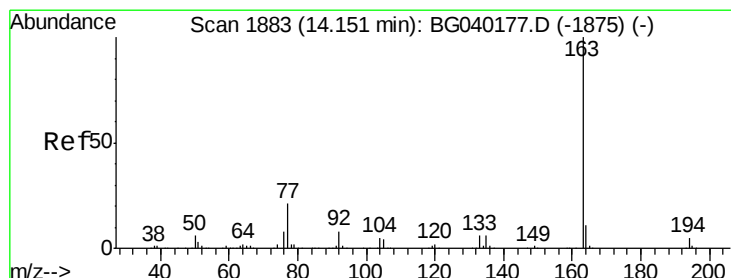
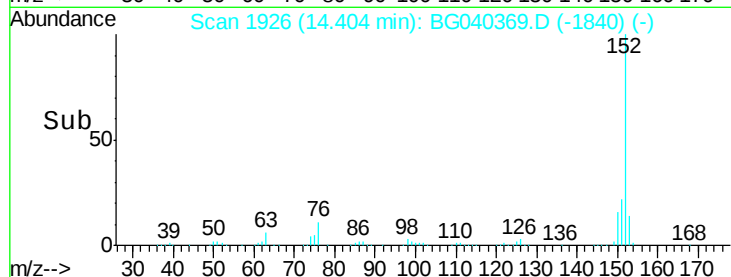
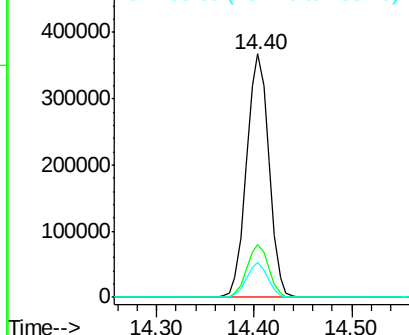
Tgt Ion:	152	Resp:	590253
Ion Ratio		Lower	Upper
152	100		
151	21.7	17.0	25.6
153	14.5	10.8	16.2

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.969 ng

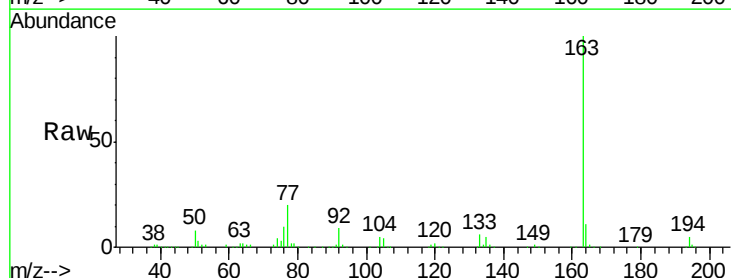
RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

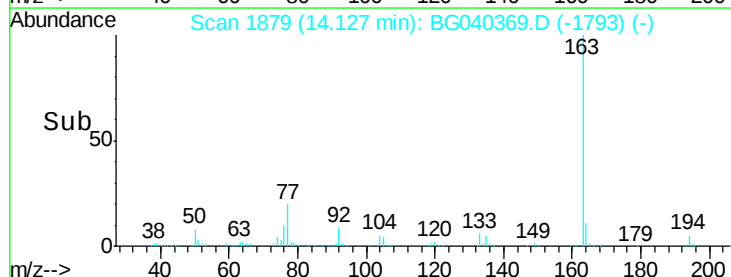
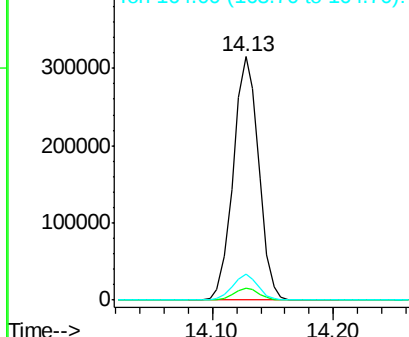
Lab File: BG040369.D

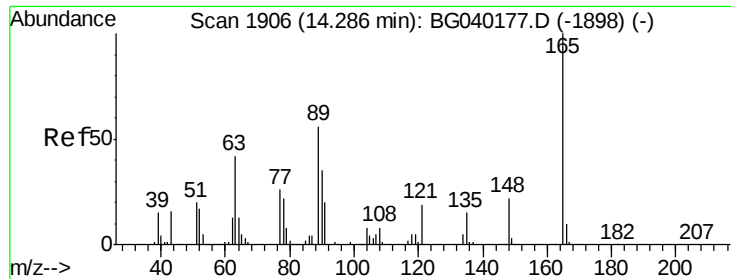
Acq: 4 Apr 2019 21:18

Tgt Ion:	163	Resp:	462754
Ion Ratio		Lower	Upper
163	100		
194	5.1	4.1	6.1
164	10.6	8.6	13.0



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





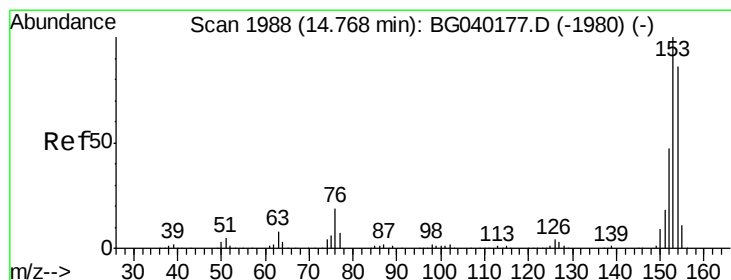
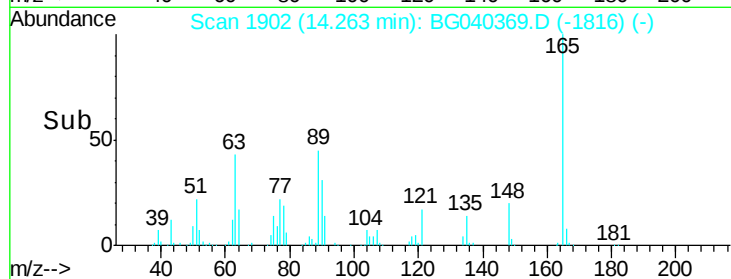
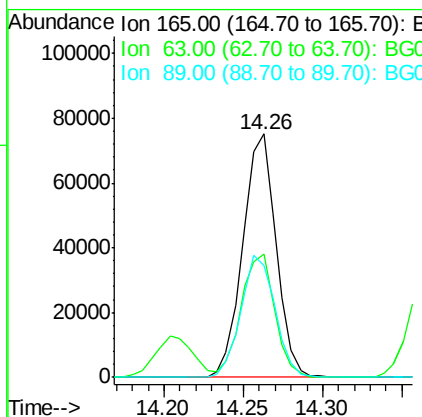
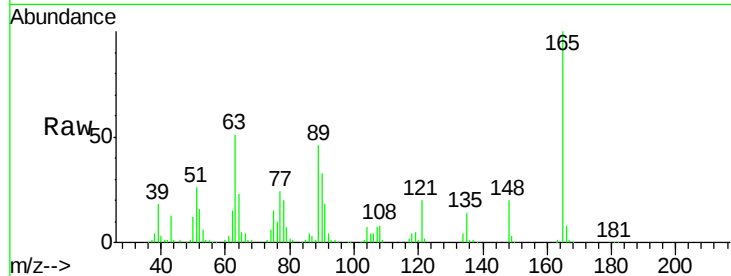
#51
 2,6-Dinitrotoluene
 Concen: 44.219 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Instrument :
 BNA_G
 ClientSampled :
 PB118610BS

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	50.7	44.1	66.1
89	45.7	44.9	67.3

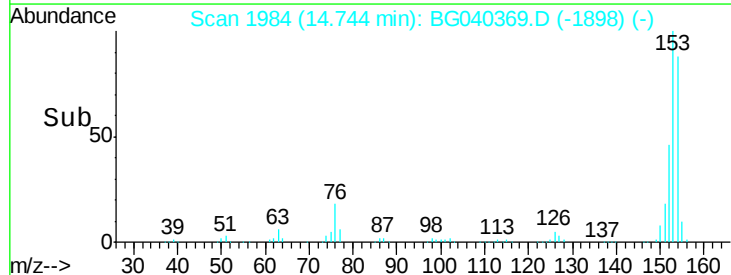
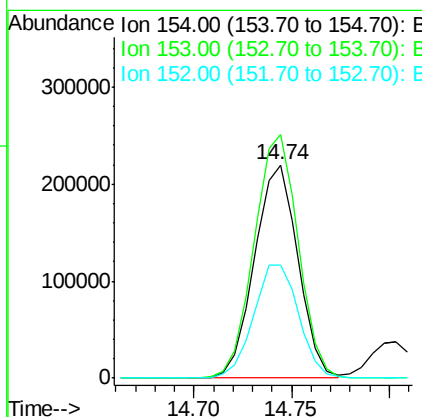
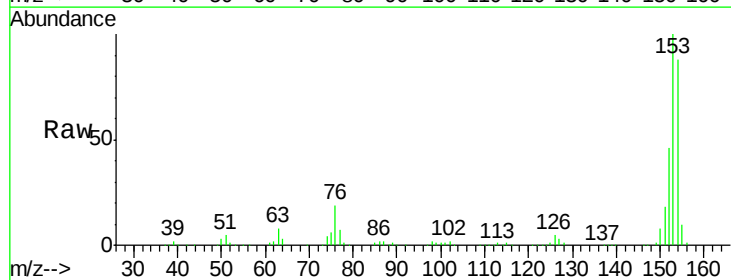
Manual Integrations
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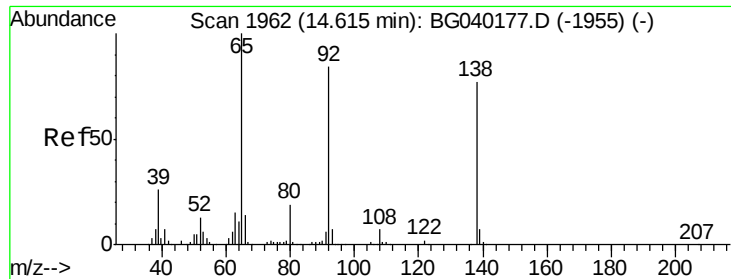
Sohil
 4/5/2019 12:24:56 PM



#52
 Acenaphthene
 Concen: 40.908 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.1	92.8	139.2
152	52.8	43.4	65.2





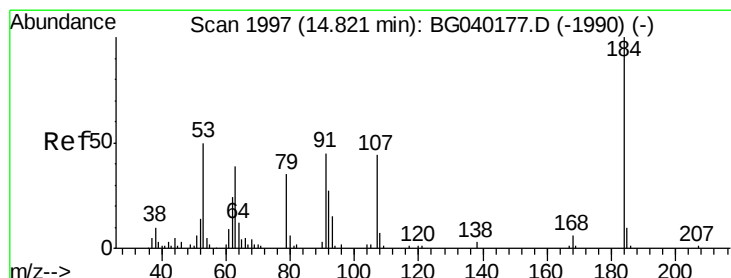
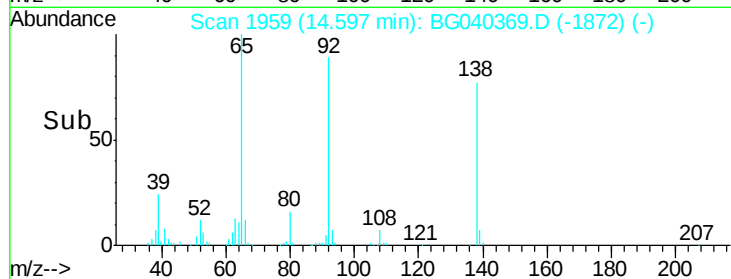
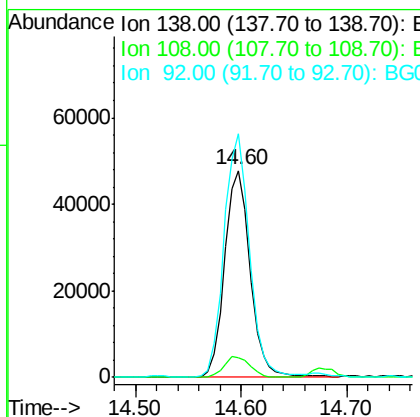
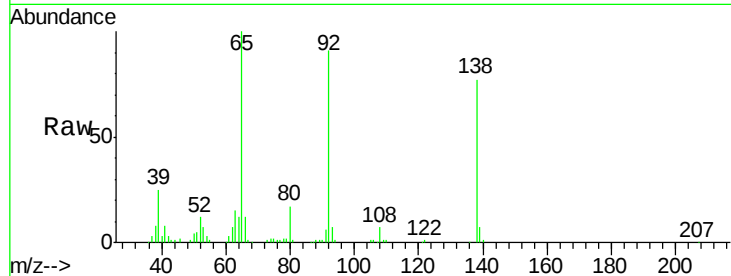
#53
3-Nitroaniline
Concen: 30.648 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB118610BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	80318		
108	9.3	7.8	11.8	
92	117.9	87.5	131.3	

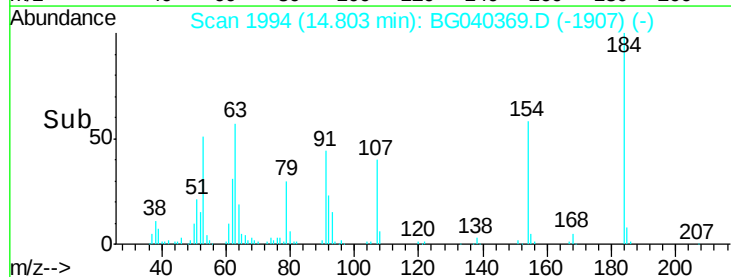
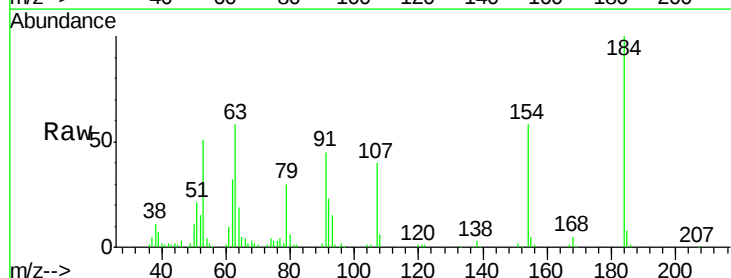
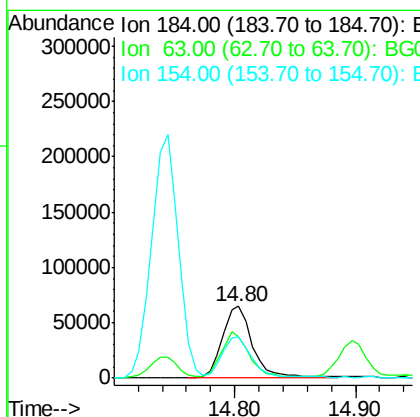
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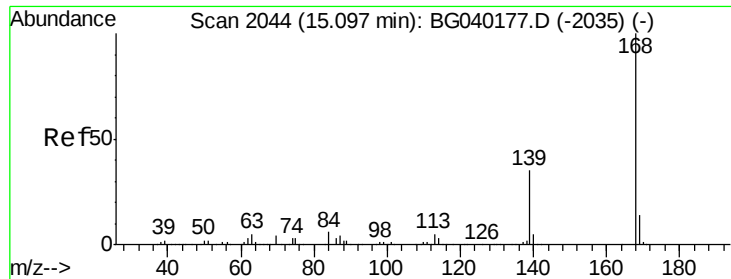
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#54
2,4-Dinitrophenol
Concen: 86.080 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	113337		
63	57.8	51.8	77.8	
154	58.0	50.9	76.3	





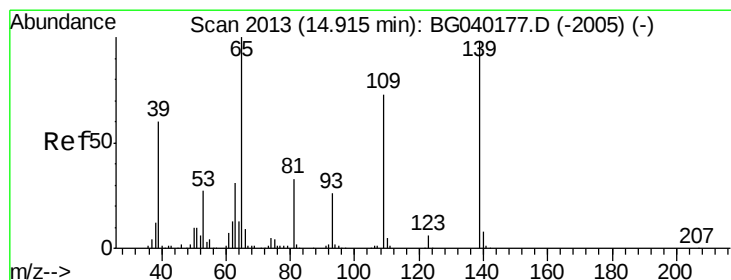
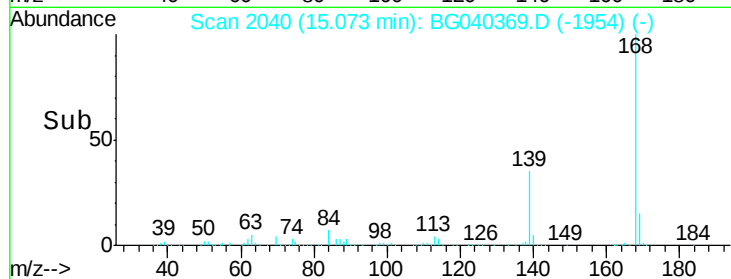
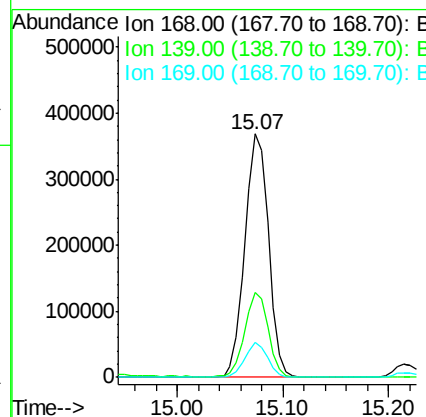
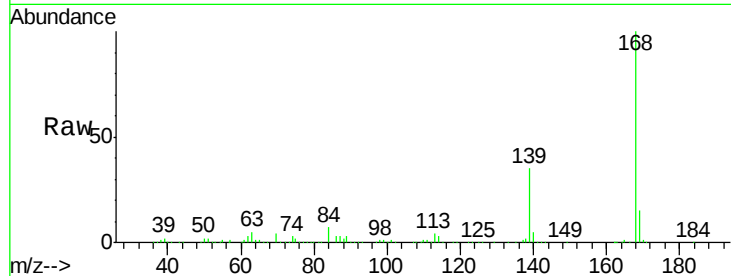
#55
Dibenzenofuran
Concen: 42.831 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB118610BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	570925		
139	35.1	27.9	41.9	
169	14.6	11.3	16.9	

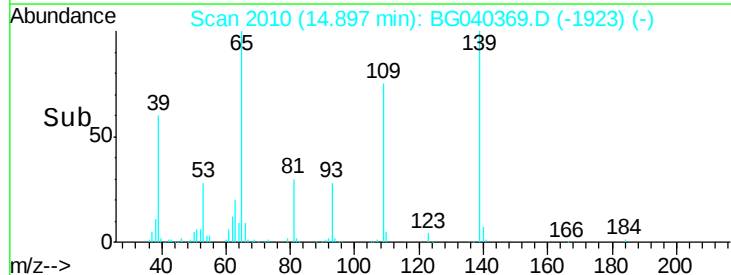
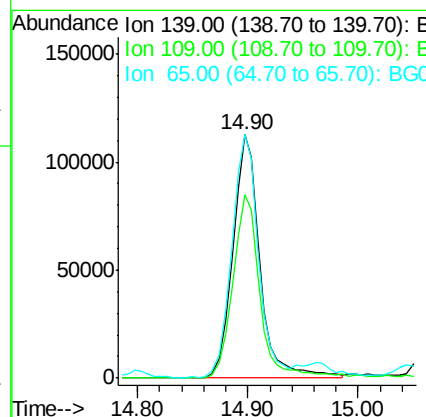
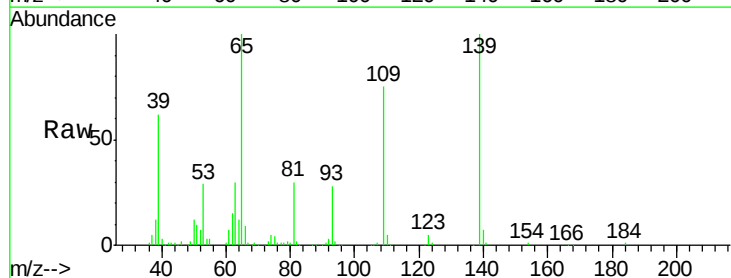
Manual Integrations
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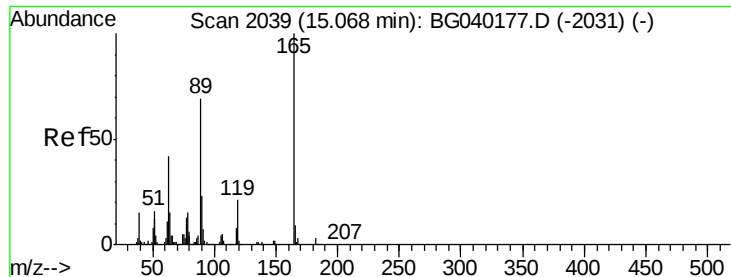
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#56
4-Nitrophenol
Concen: 91.406 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	193330		
109	75.5	54.3	94.3	
65	100.1	82.5	122.5	





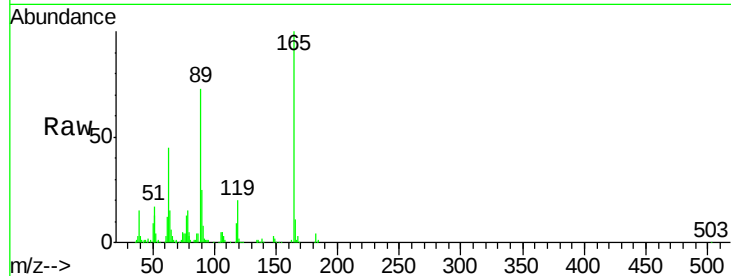
#57
2,4-Dinitrotoluene
Concen: 45.214 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB118610BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	44.9	33.8	50.6
89	73.2	55.4	83.2
182	3.7	2.2	3.4

Manual Integrations
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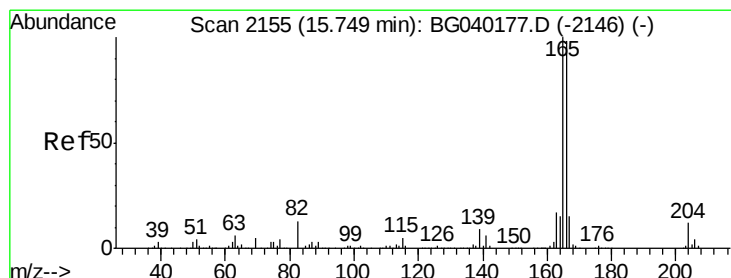
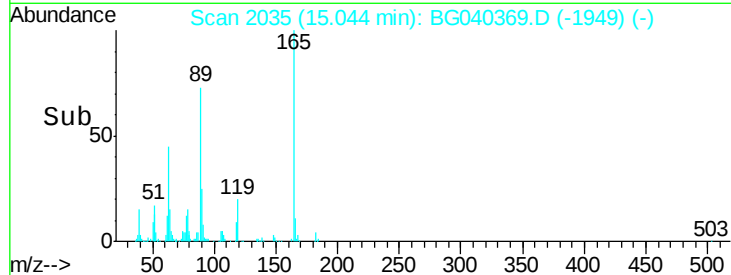
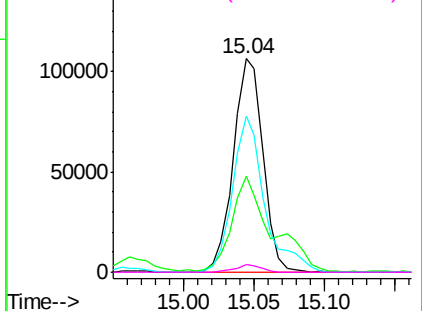


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



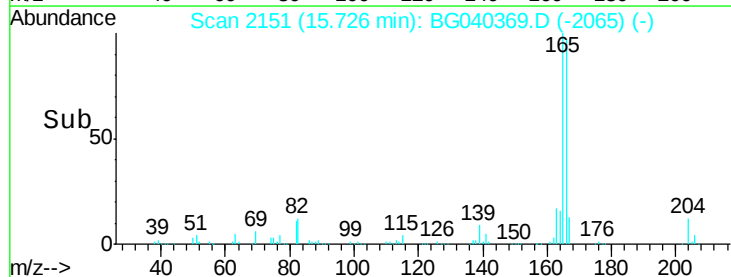
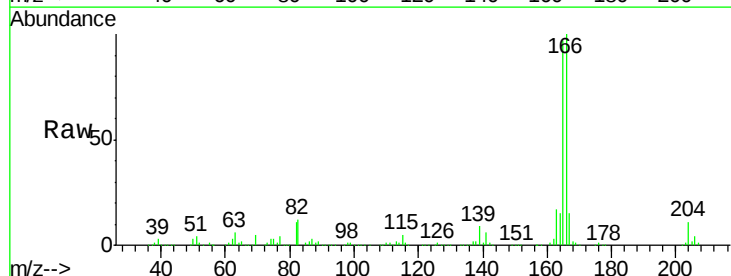
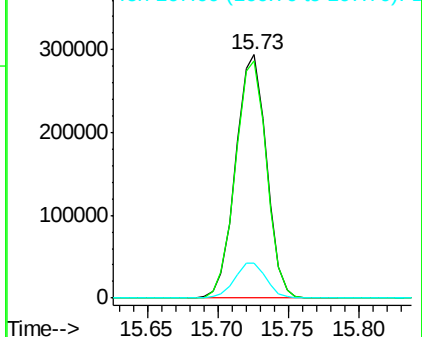
#58
Fluorene
Concen: 42.749 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

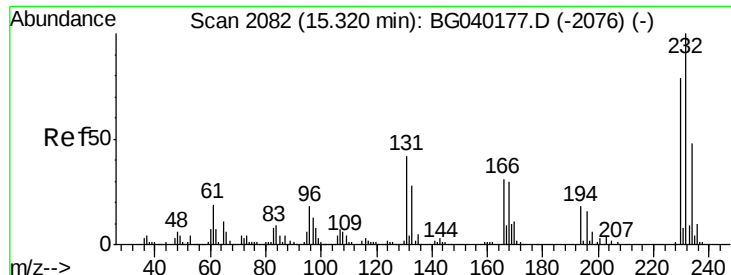
Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	97.4	81.7	122.5
167	14.6	11.9	17.9

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





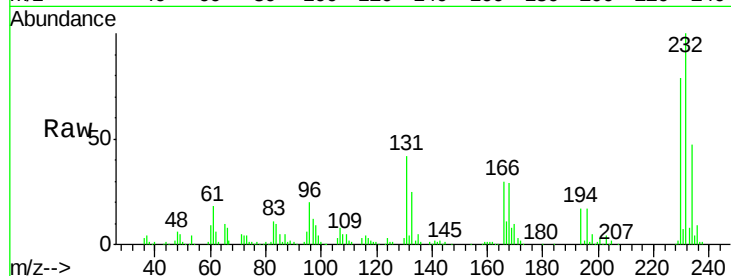
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.671 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 PB118610BS

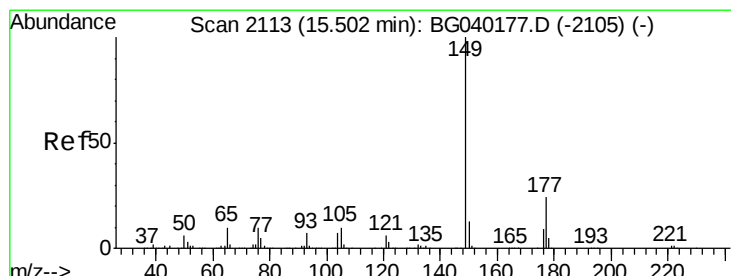
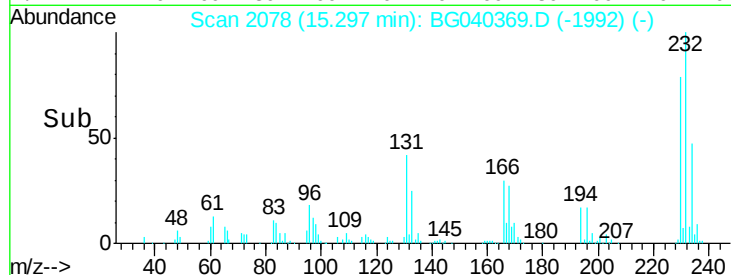
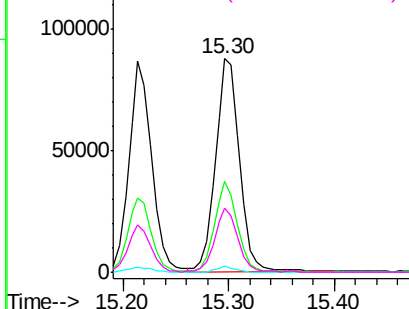
Tgt Ion:	232	Resp:	138978
Ion Ratio	Lower	Upper	
232	100		
131	40.0	32.9	49.3
130	2.2	1.8	2.8
166	29.3	23.5	35.3

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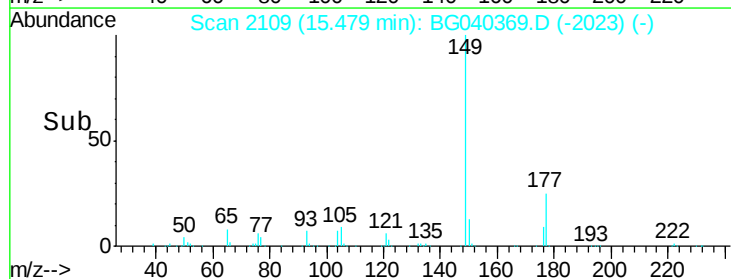
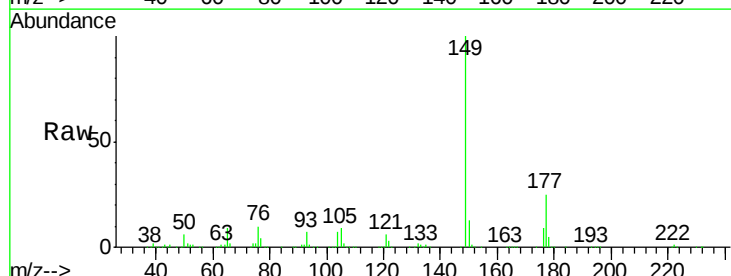
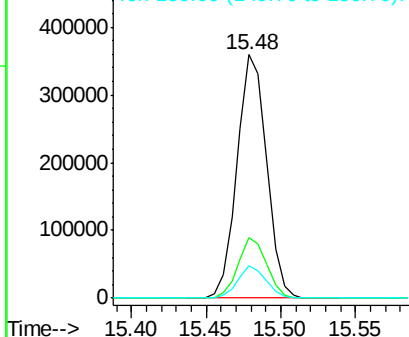
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

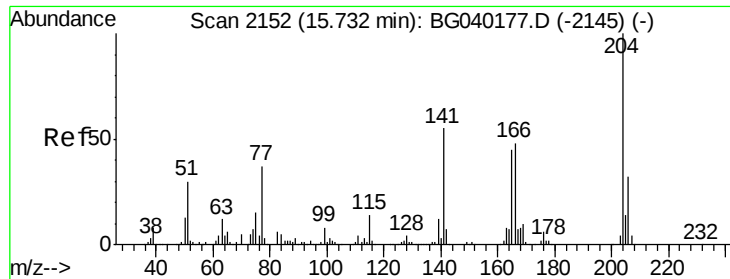


#60
 Diethylphthalate
 Concen: 43.747 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion:	149	Resp:	493592
Ion Ratio	Lower	Upper	
149	100		
177	24.7	19.1	28.7
150	13.4	10.6	15.8

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





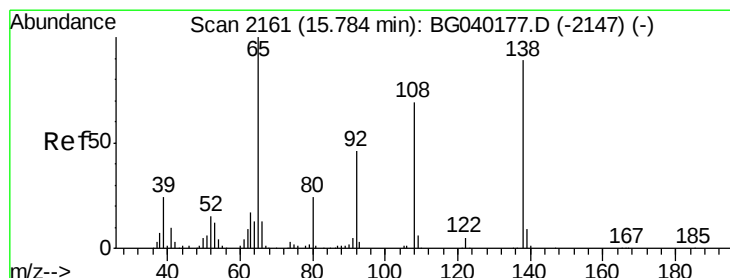
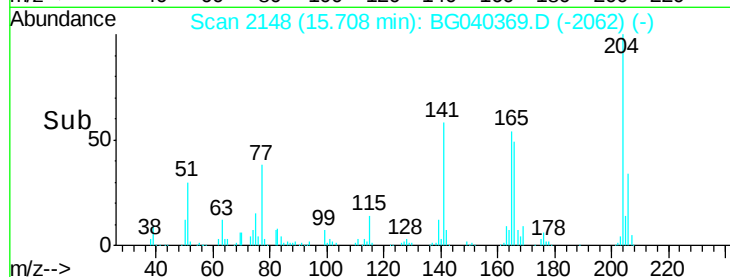
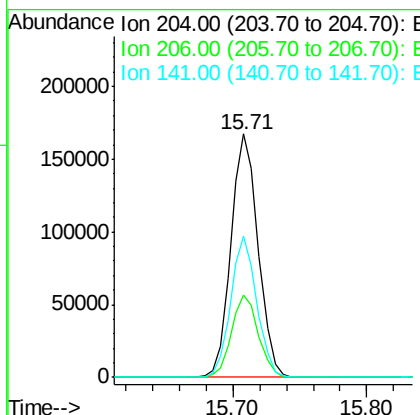
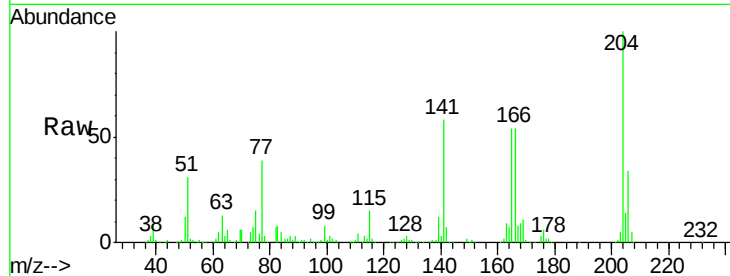
#61
 4-Chlorophenyl-phenylether
 Concen: 42.213 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 PB118610BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	236471		
206	34.0	25.7	38.5	
141	58.1	44.0	66.0	

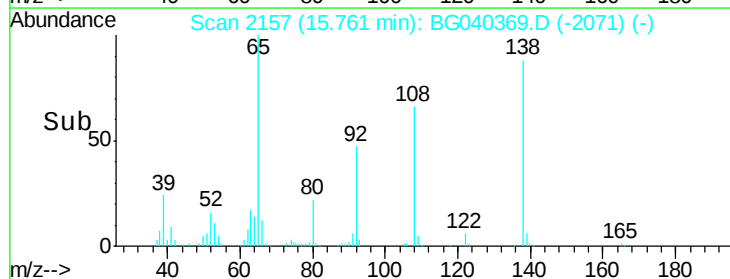
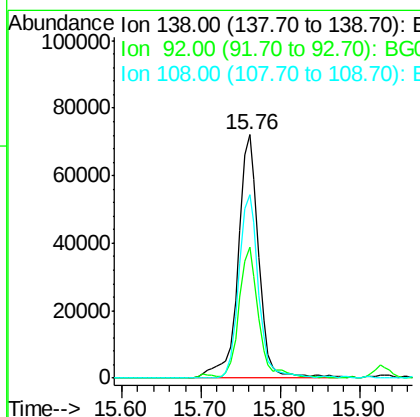
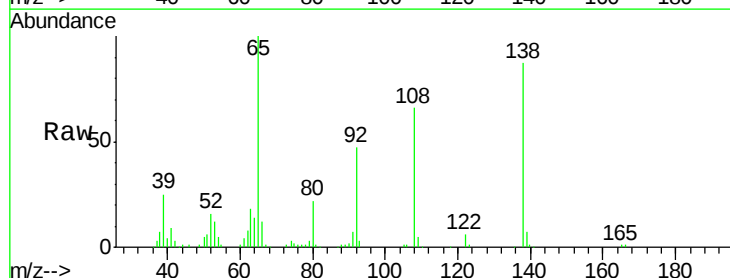
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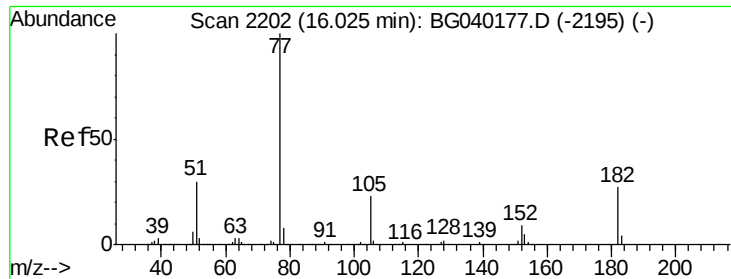
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#62
 4-Nitroaniline
 Concen: 46.124 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	129719		
92	54.0	31.8	71.8	
108	75.5	57.2	97.2	





#63

Azobenzene

Concen: 42.393 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG040369.D

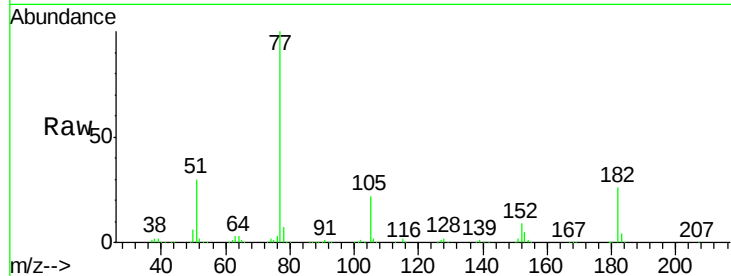
Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampleId :

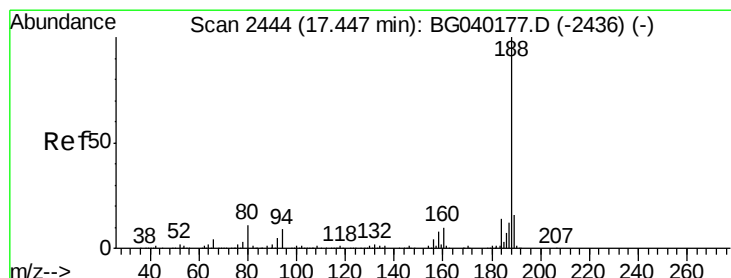
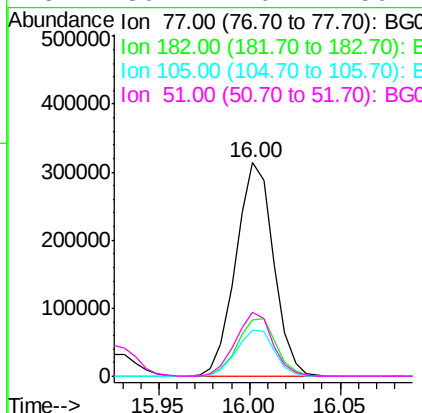
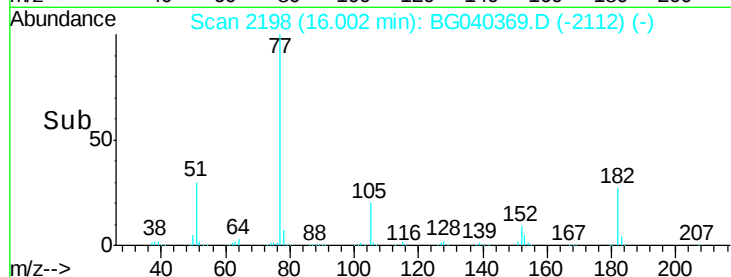
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Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.4	7.2	47.2
105	21.5	2.8	42.8
51	30.1	10.4	50.4

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#64

Phenanthrene-d10

Concen: 20.000 ng

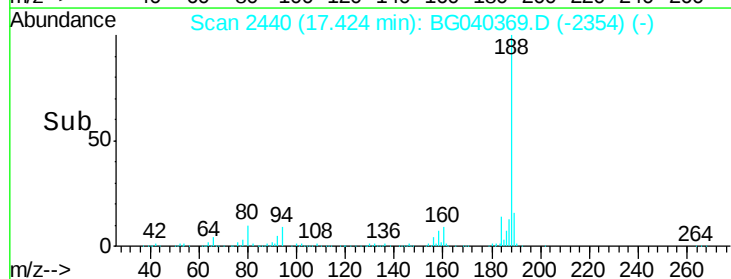
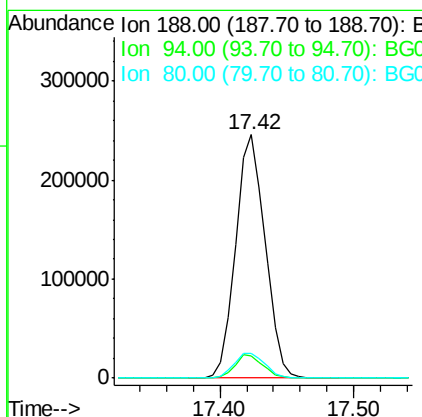
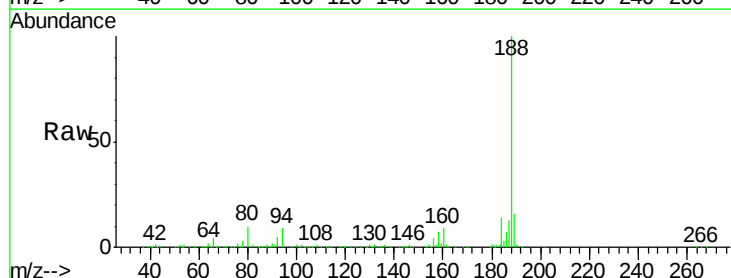
RT: 17.42 min Scan# 2440

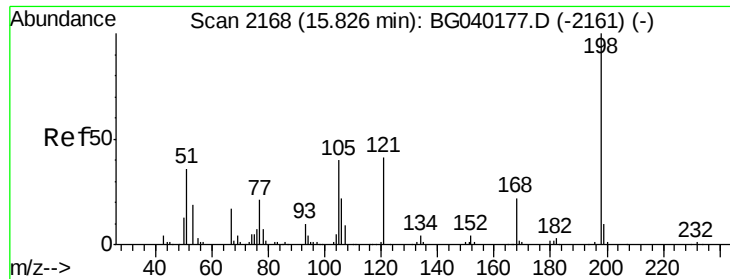
Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	10.1	8.6	13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 40.954 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

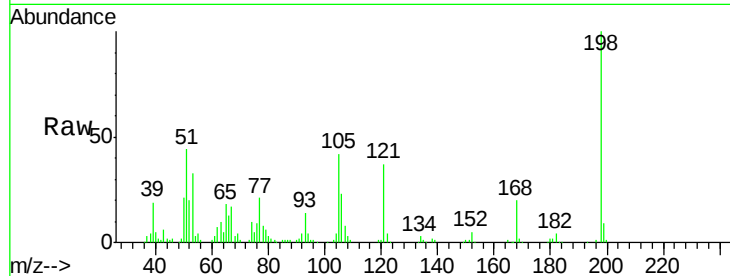
ClientSampleId :

PB118610BS

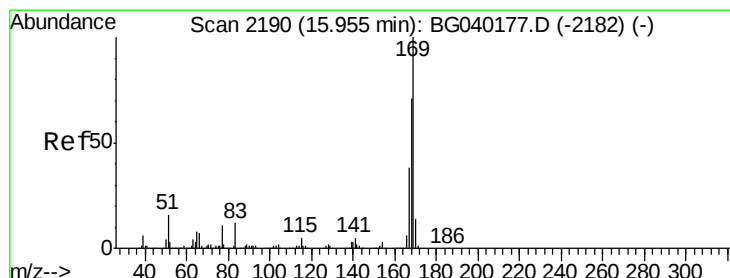
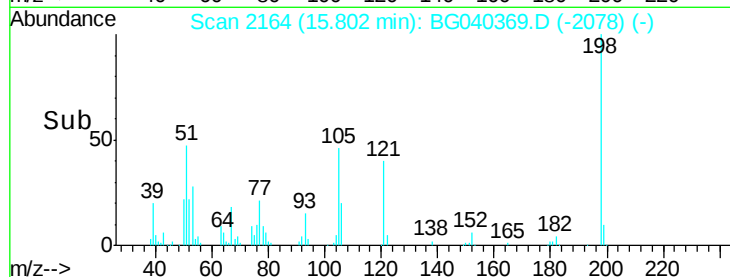
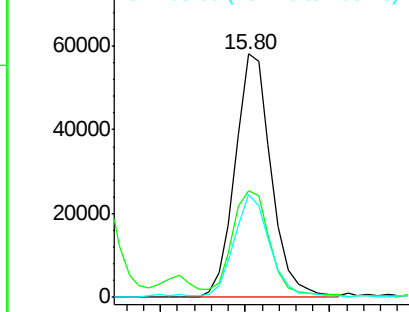
Tgt Ion:	198	Resp:	86482
Ion Ratio	Lower	Upper	
198	100		
51	43.9	27.3	67.3
105	42.1	21.7	61.7

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.508 ng

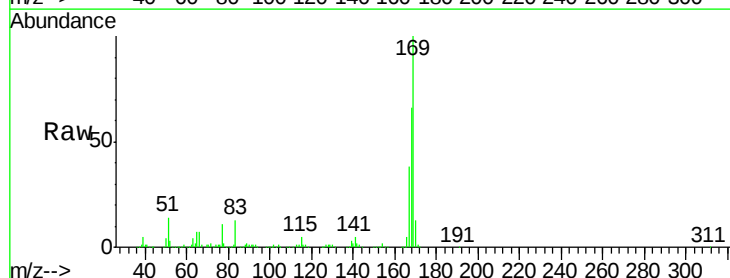
RT: 15.93 min Scan# 2186

Delta R.T. -0.02 min

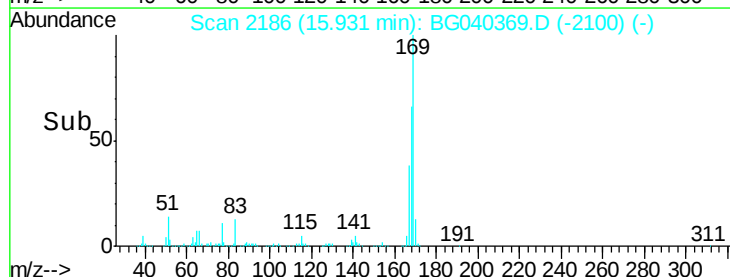
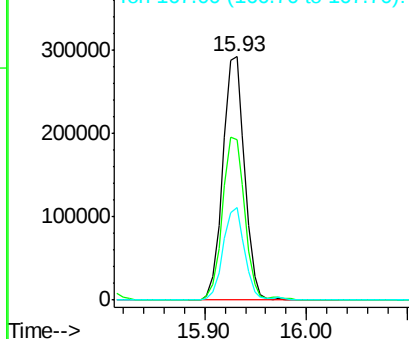
Lab File: BG040369.D

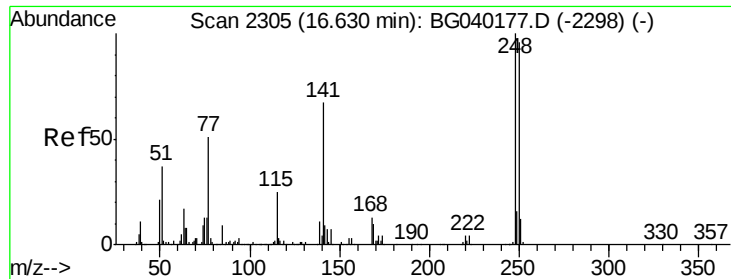
Acq: 4 Apr 2019 21:18

Tgt Ion:	169	Resp:	434540
Ion Ratio	Lower	Upper	
169	100		
168	65.9	56.8	85.2
167	37.9	30.2	45.4



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





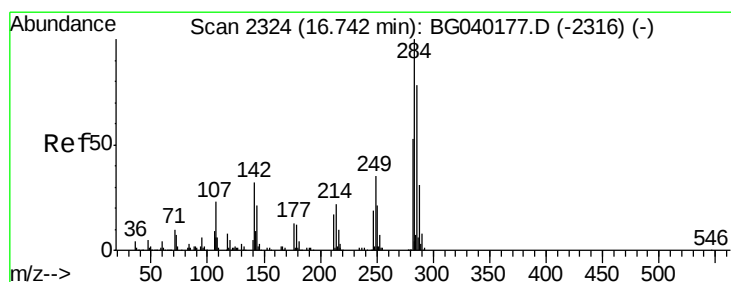
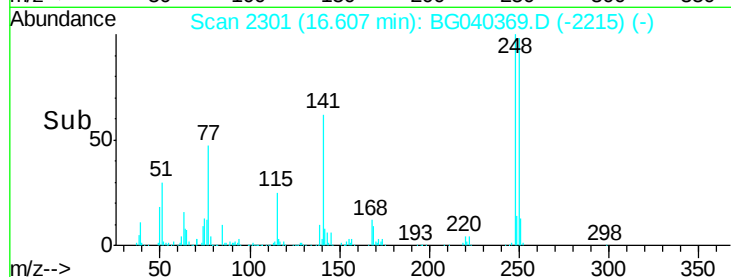
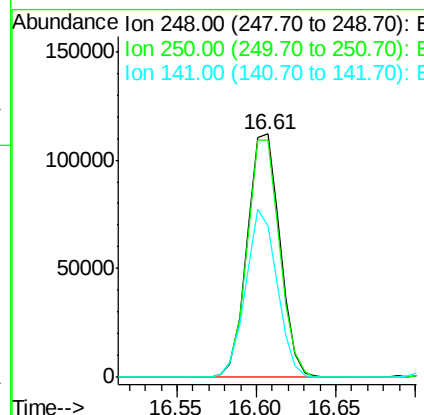
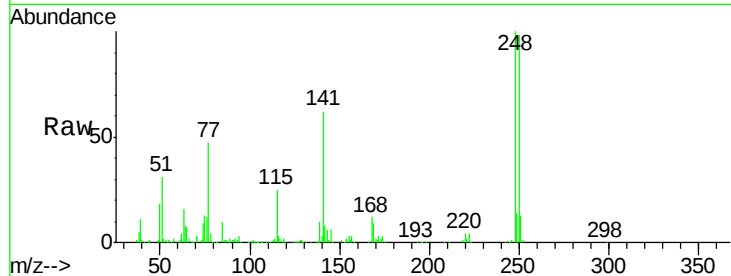
#67
4-Bromophenyl-phenylether
Concen: 37.838 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB118610BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.4	114.6
141	62.0	53.8	80.8

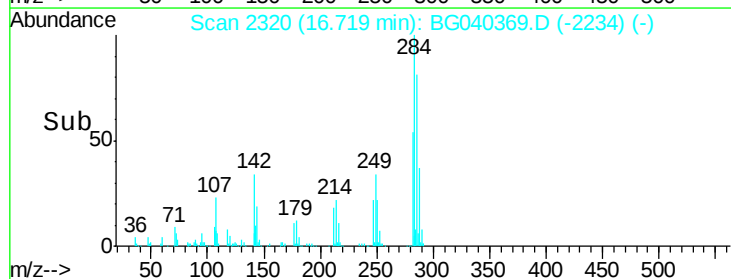
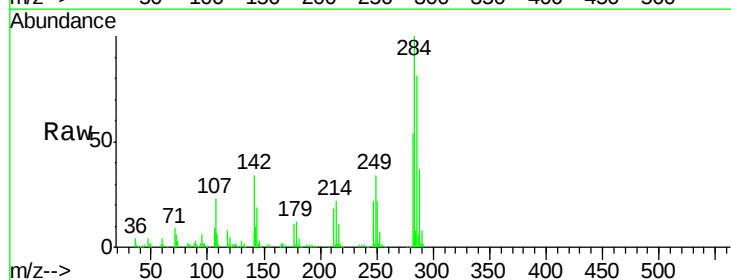
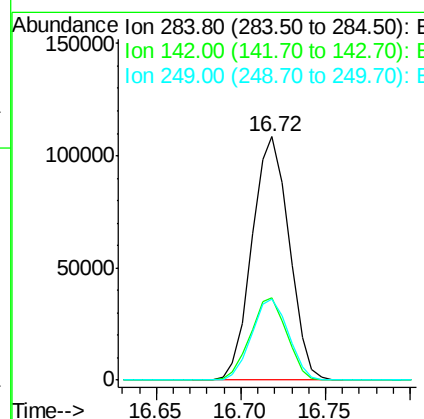
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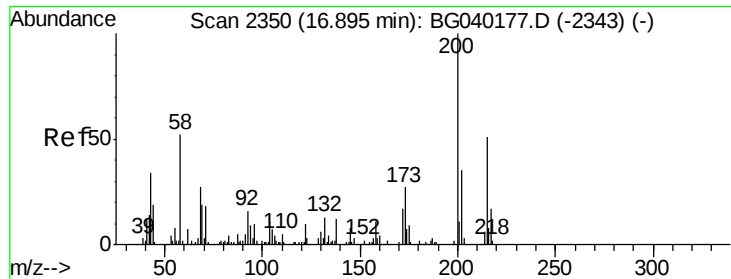
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#68
Hexachlorobenzene
Concen: 38.949 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	25.3	37.9
249	33.5	28.2	42.2





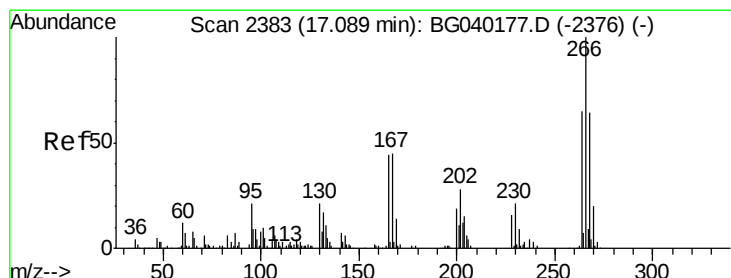
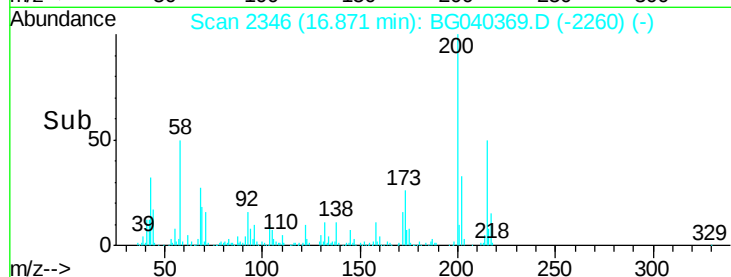
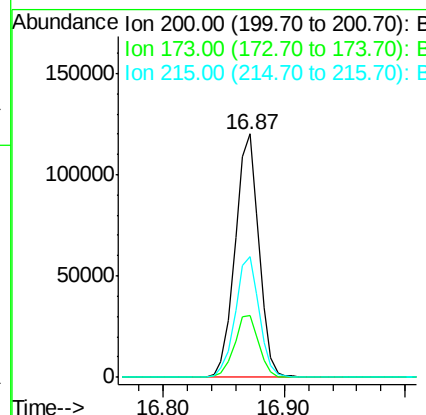
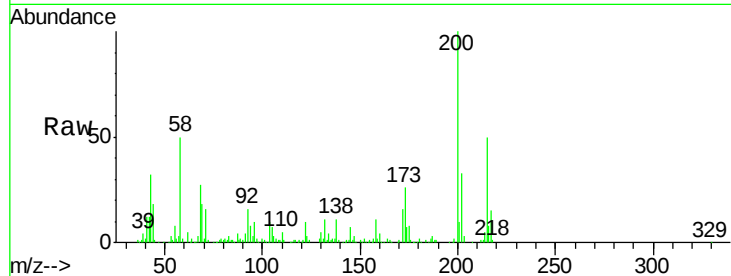
#69
Atrazine
Concen: 40.002 ng
RT: 16.87 min Scan# 2346
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB118610BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	163667		
173	25.6	7.1	47.1	
215	49.7	30.9	70.9	

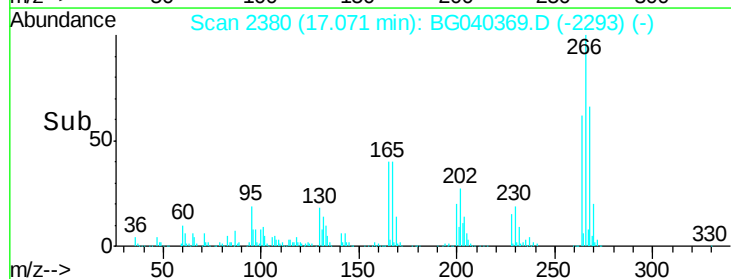
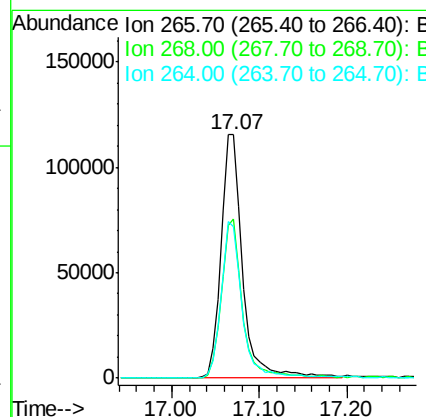
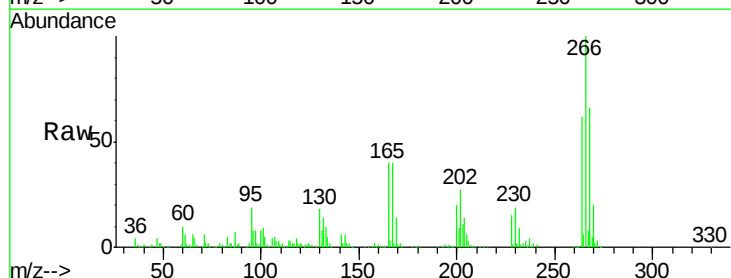
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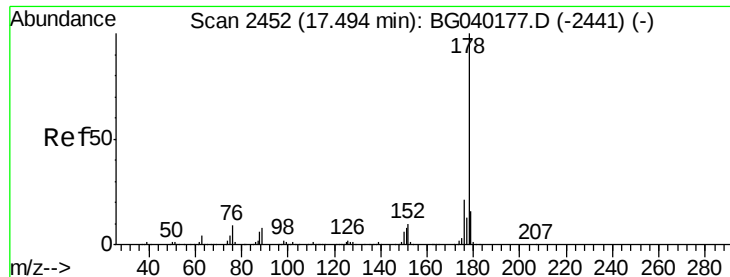
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#70
Pentachlorophenol
Concen: 80.766 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	198584		
268	65.5	55.0	82.4	
264	62.1	51.8	77.8	





#71

Phenanthrene

Concen: 40.836 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.03 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

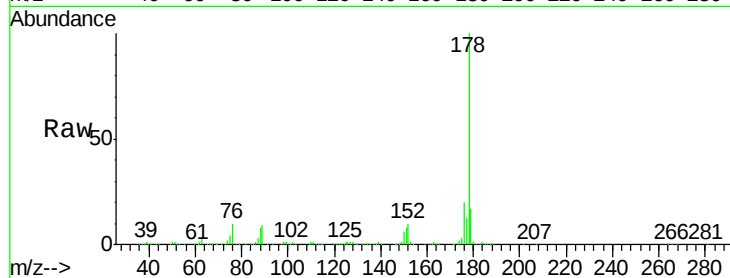
ClientSampleId :

PB118610BS

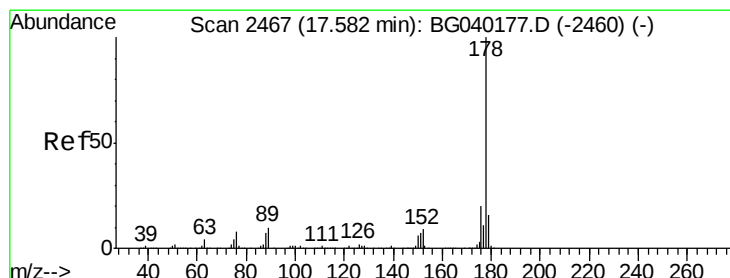
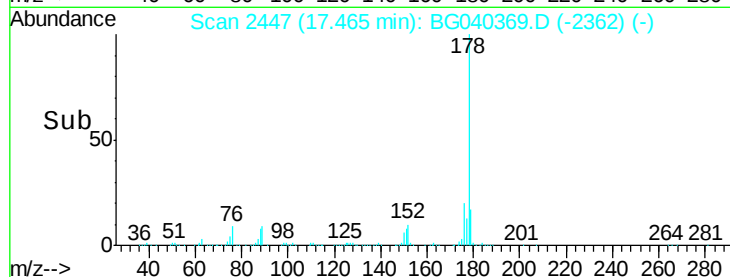
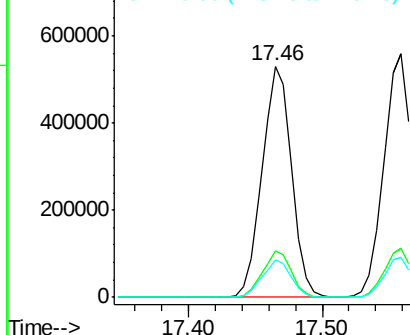
Tgt Ion:	178	Resp:	806773
Ion Ratio	Lower	Upper	
178	100		
176	20.2	16.7	25.1
179	16.5	12.8	19.2

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



#72

Anthracene

Concen: 42.021 ng

RT: 17.56 min Scan# 2463

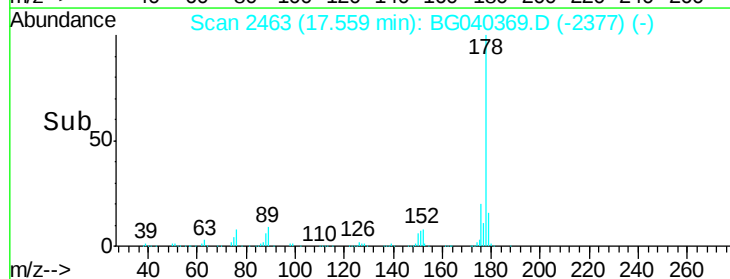
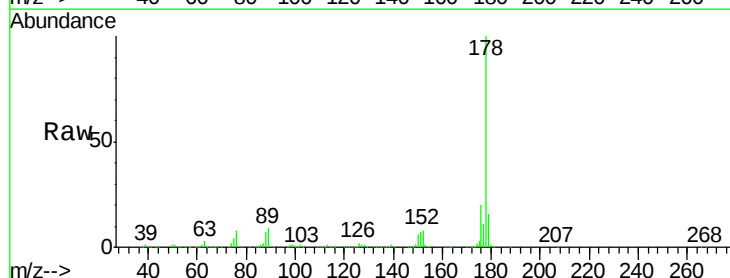
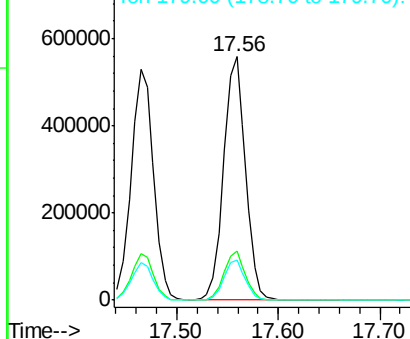
Delta R.T. -0.02 min

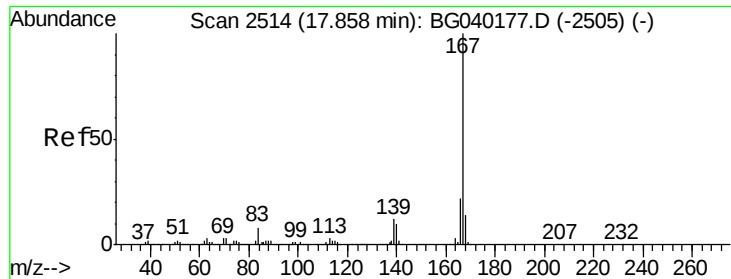
Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Tgt Ion:	178	Resp:	830932
Ion Ratio	Lower	Upper	
178	100		
176	20.4	15.9	23.9
179	16.4	12.9	19.3

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





#73

Carbazole

Concen: 43.223 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

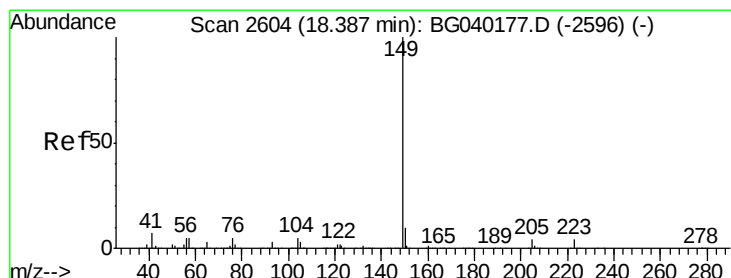
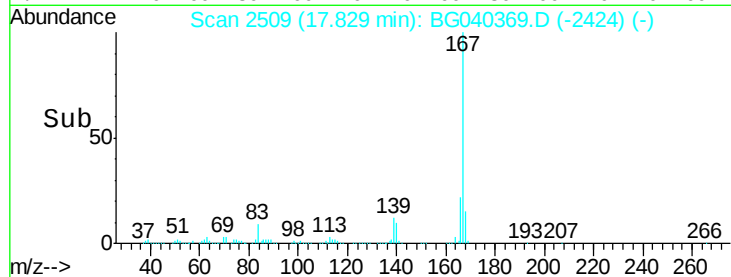
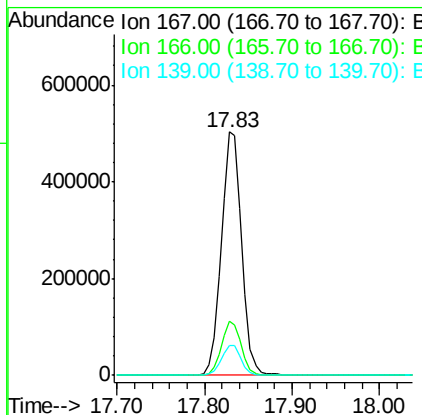
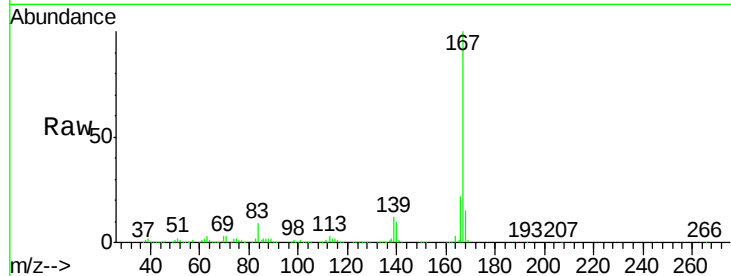
ClientSampleId :

PB118610BS

Tgt Ion:	167	Resp:	808882
Ion Ratio		Lower	Upper
167	100		
166	22.1	17.5	26.3
139	12.5	10.0	15.0

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#74

Di-n-butylphthalate

Concen: 42.168 ng

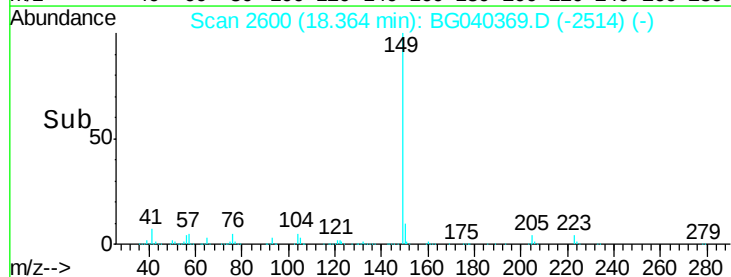
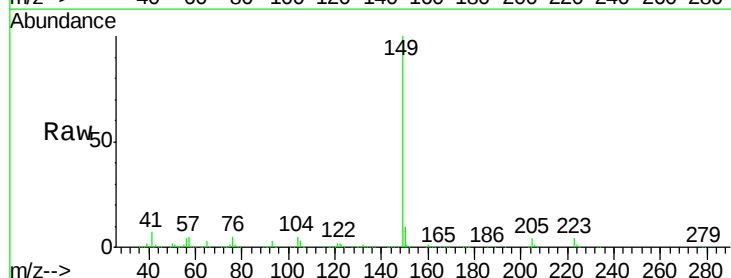
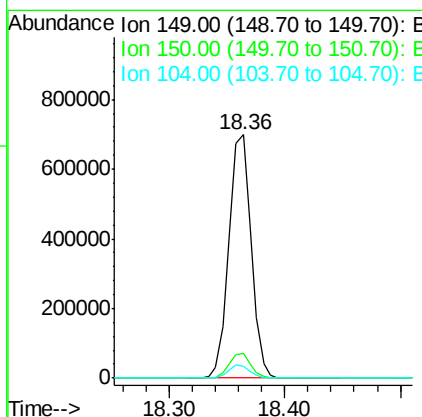
RT: 18.36 min Scan# 2600

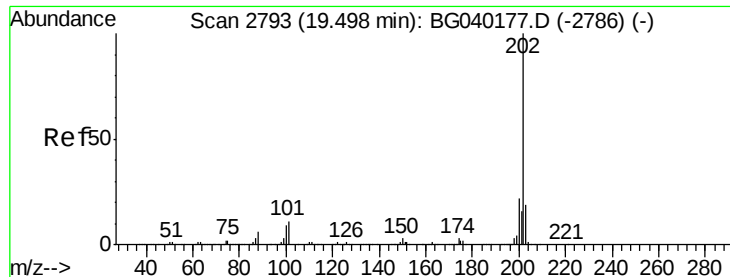
Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Tgt Ion:	149	Resp:	935417
Ion Ratio		Lower	Upper
149	100		
150	10.0	7.9	11.9
104	5.1	4.1	6.1





#75

Fluoranthene

Concen: 44.549 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

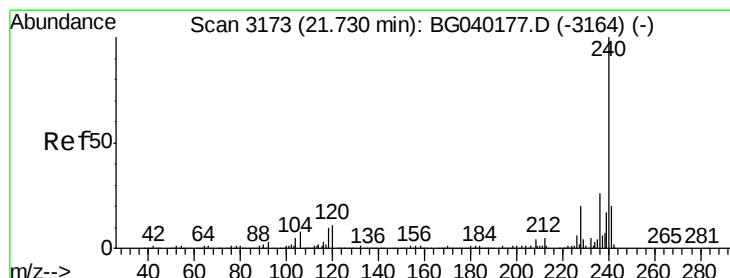
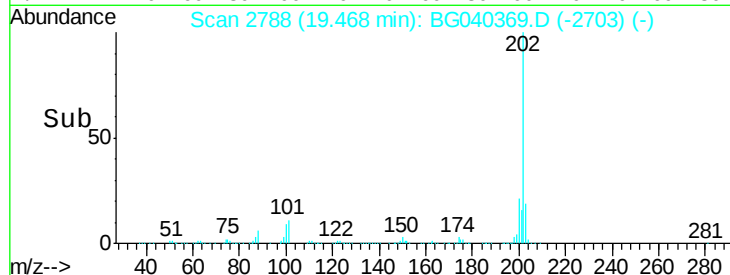
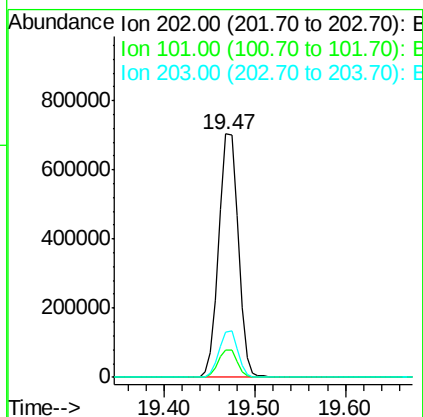
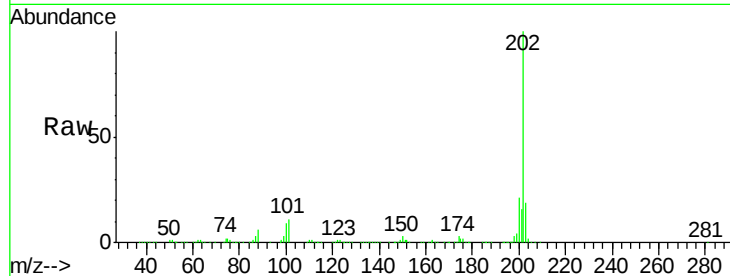
ClientSampleId :

PB118610BS

Tgt Ion:	202	Resp:	1042168
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	30.8
203	18.5	0.0	38.9

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#76

Chrysene-d12

Concen: 20.000 ng

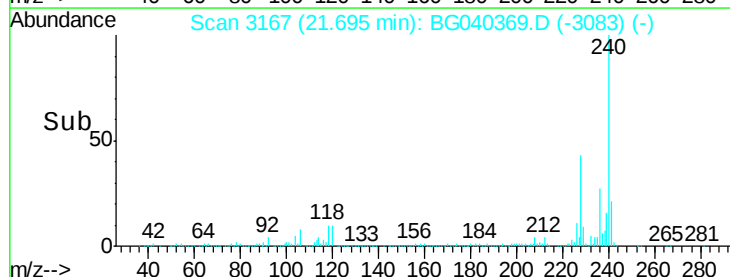
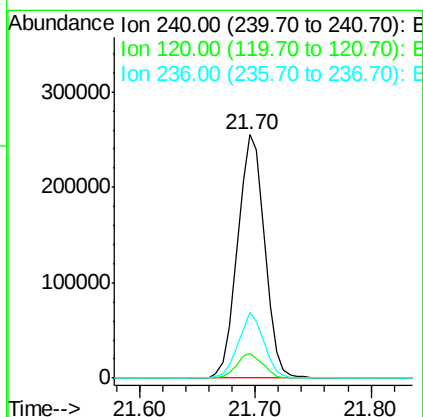
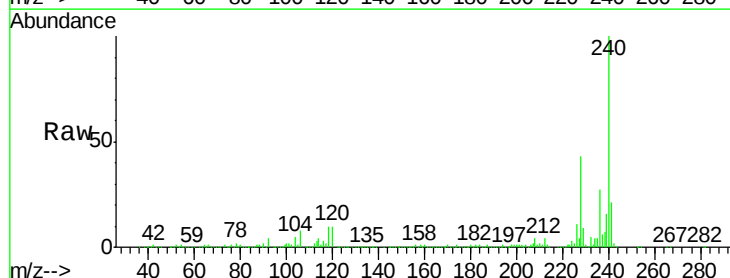
RT: 21.70 min Scan# 3167

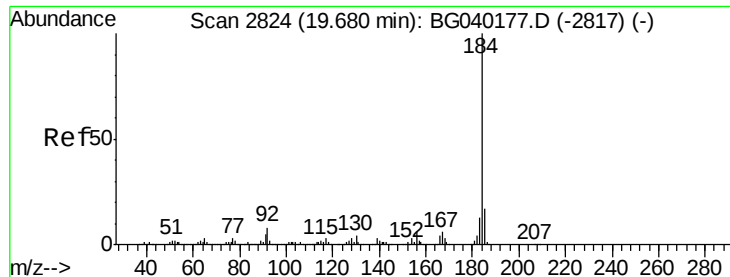
Delta R.T. -0.04 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Tgt Ion:	240	Resp:	413580
Ion Ratio	Lower	Upper	
240	100		
120	10.2	8.4	12.6
236	26.8	20.8	31.2





#77

Benzidine

Concen: 28.178 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

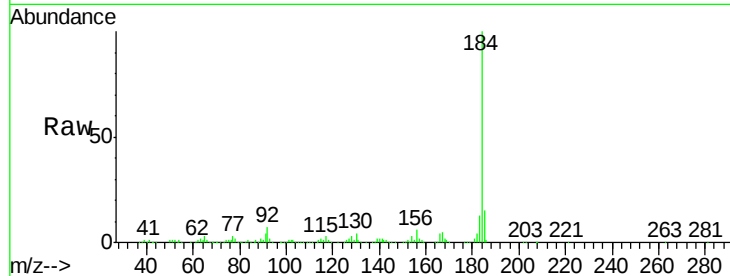
ClientSampleId :

PB118610BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	420832		
185	15.1	13.3	19.9	
183	12.5	10.3	15.5	

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Abundance Ion 184.00 (183.70 to 184.70): E

19.66

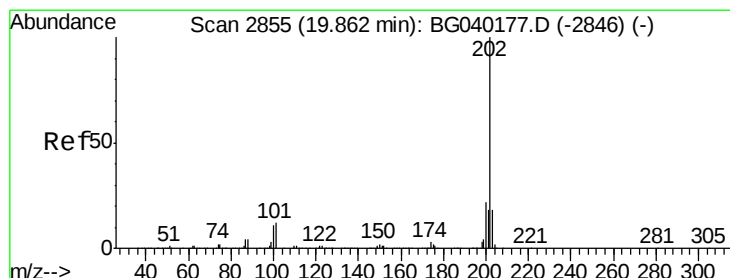
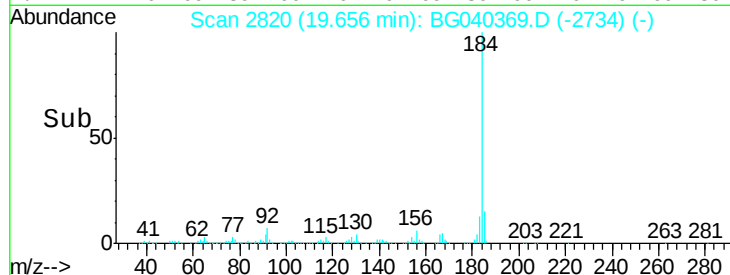
300000

200000

100000

0

Time-->



#78

Pyrene

Concen: 38.780 ng

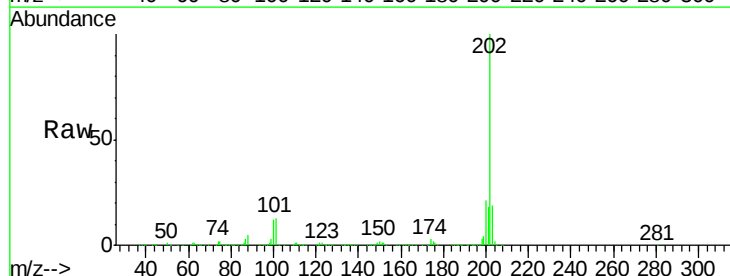
RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1054709		
200	21.3	17.3	25.9	
203	18.6	14.6	22.0	



Abundance Ion 202.00 (201.70 to 202.70): E

19.83

800000

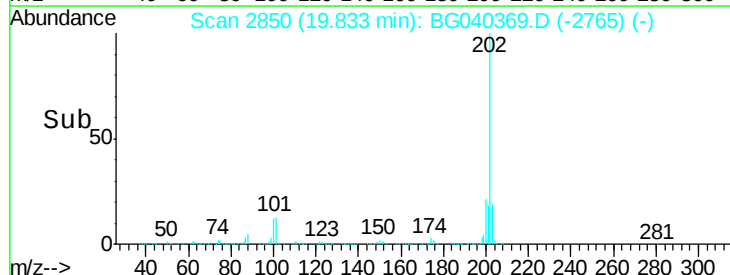
600000

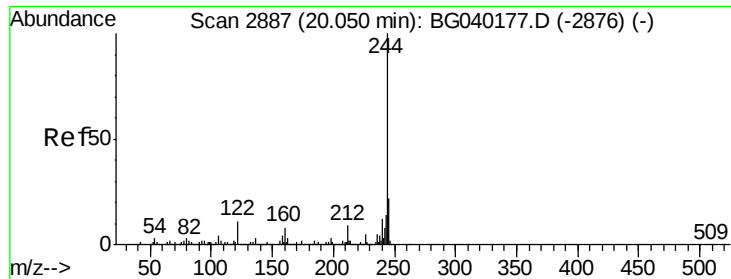
400000

200000

0

Time-->





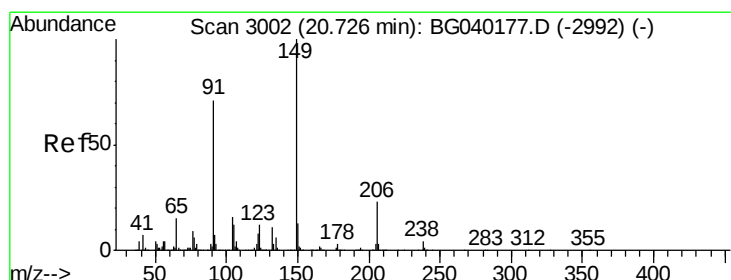
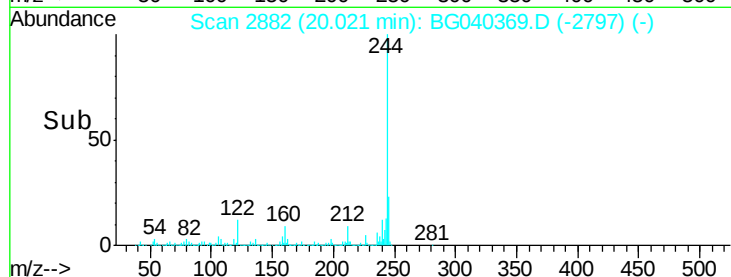
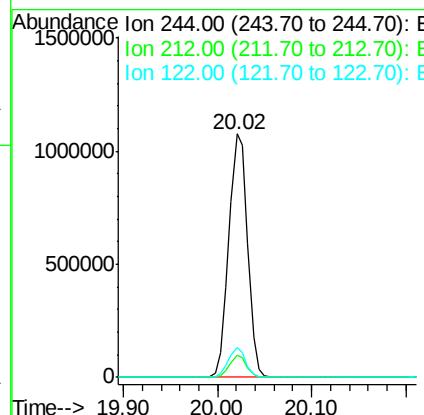
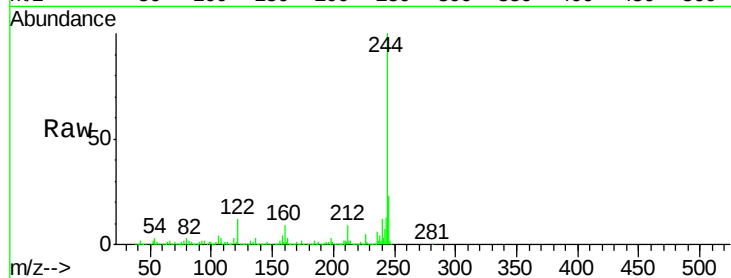
#79
 Terphenyl-d14
 Concen: 81.265 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.03 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 PB118610BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	12.2	8.5	12.7

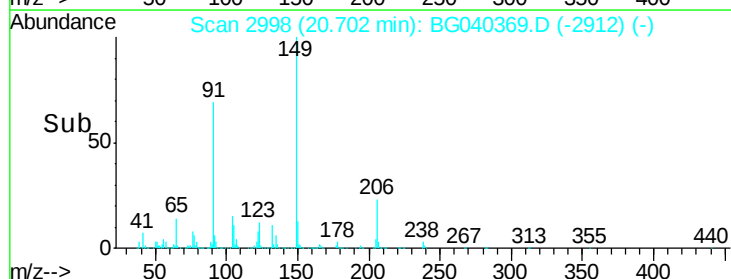
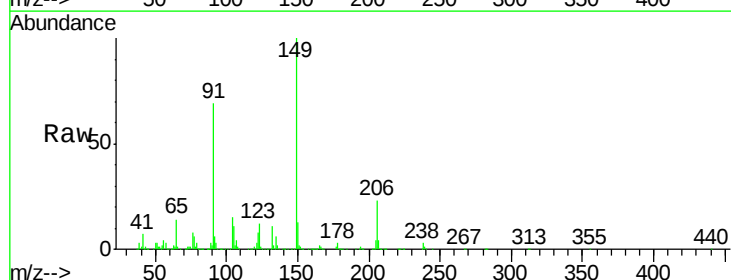
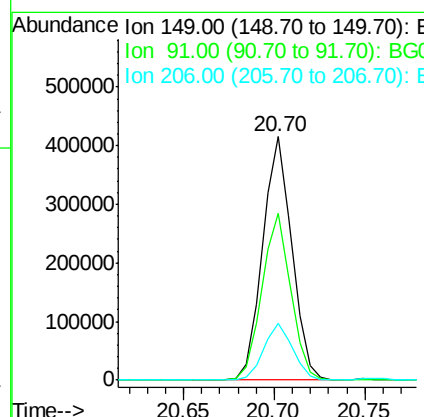
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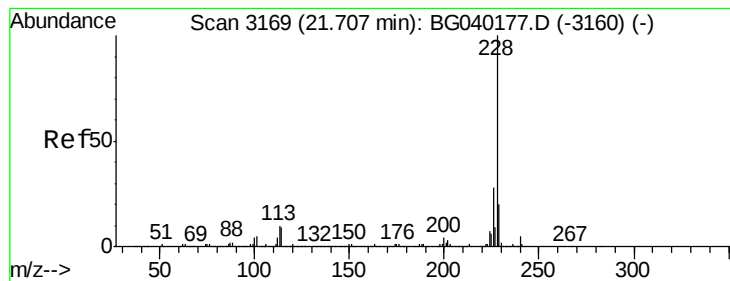
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#80
 Butylbenzylphthalate
 Concen: 39.946 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.5	57.0	85.4
206	23.3	18.2	27.4





#81

Benzo(a)anthracene

Concen: 38.740 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

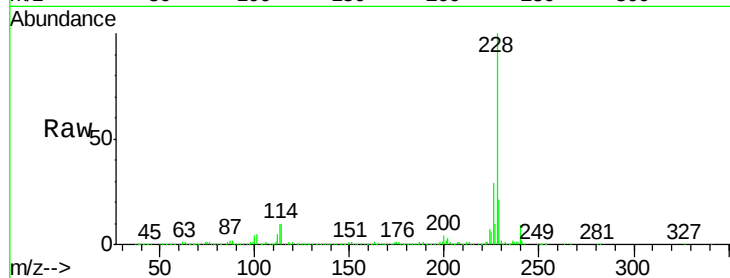
ClientSampleId :

PB118610BS

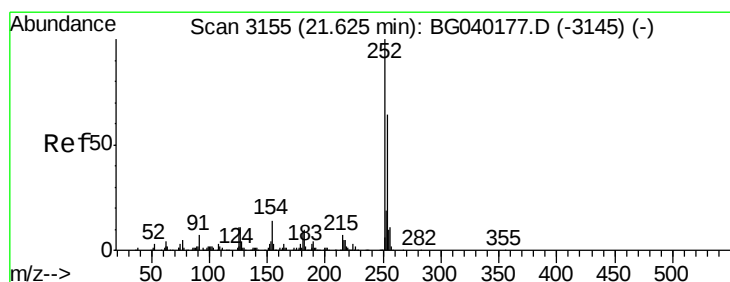
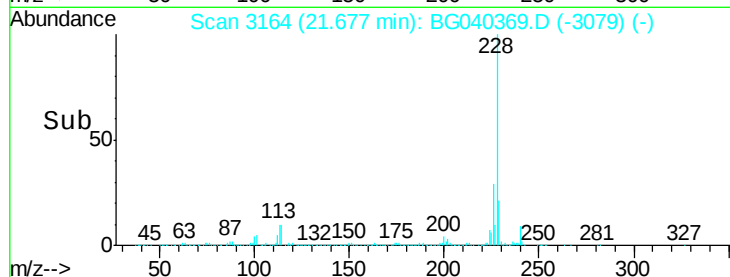
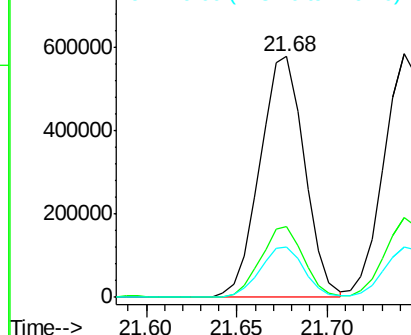
Tgt	Ion	228	Resp:	986873
	Ratio	100	Lower	Upper
	226	29.3	22.6	34.0
	229	20.7	16.1	24.1

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.350 ng

RT: 21.59 min Scan# 3149

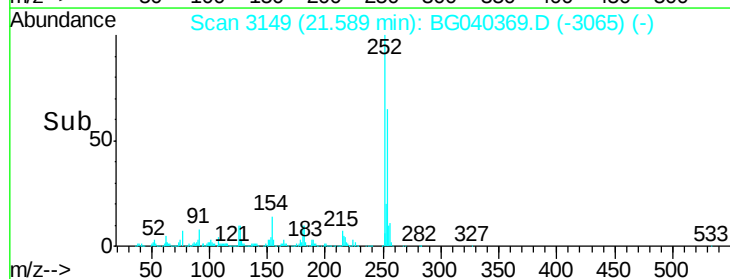
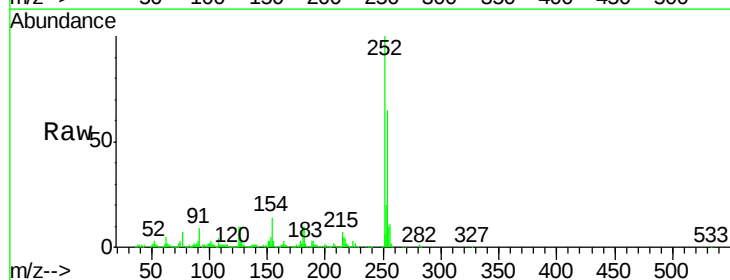
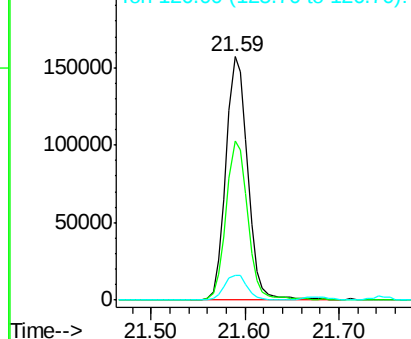
Delta R.T. -0.04 min

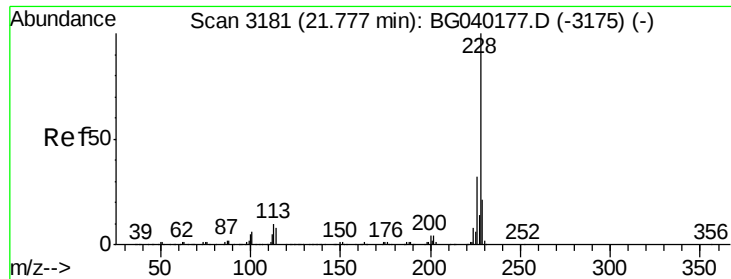
Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Tgt	Ion	252	Resp:	255346
	Ratio	100	Lower	Upper
	254	65.1	51.4	77.2
	126	10.4	8.5	12.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





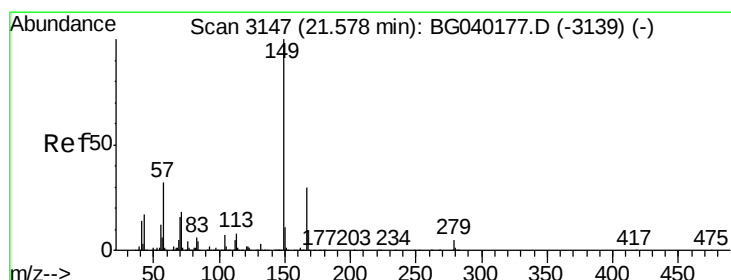
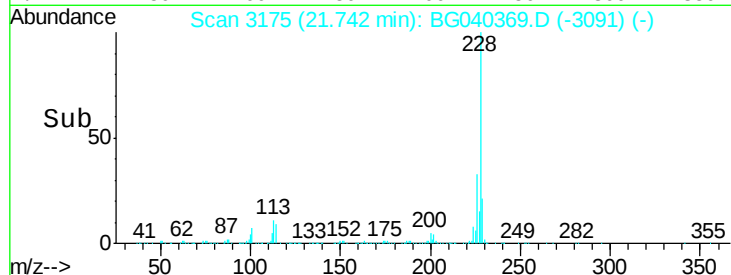
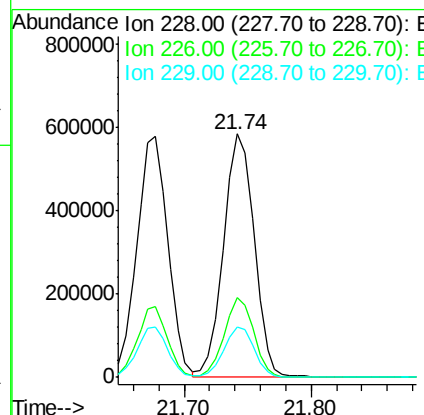
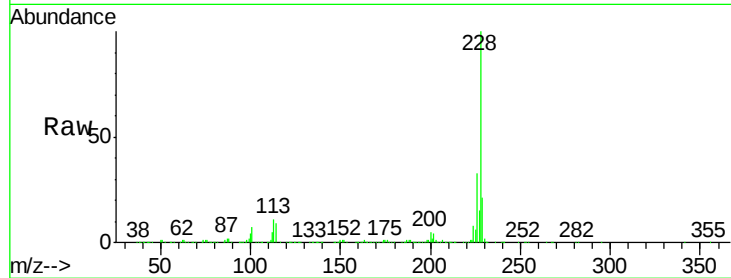
#83
Chrysene
Concen: 40.014 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.04 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB118610BS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	979641		
226	32.6	25.4	38.0	
229	20.6	17.0	25.4	

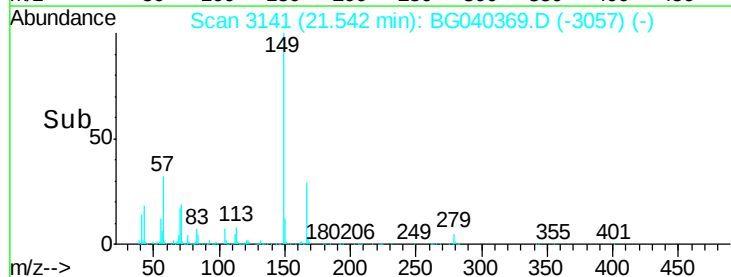
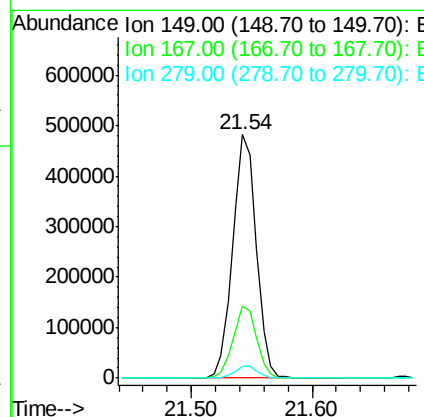
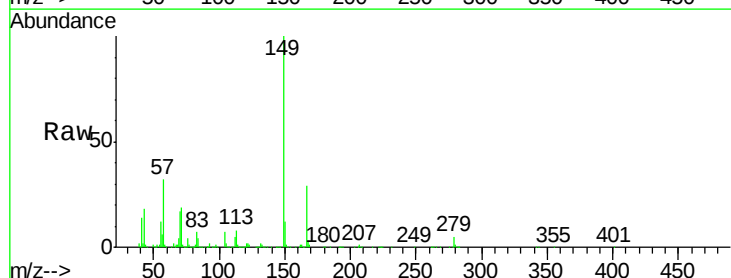
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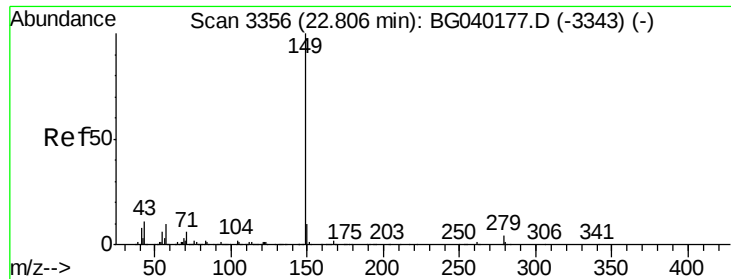
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.361 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.04 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	654834		
167	29.4	24.1	36.1	
279	5.0	4.1	6.1	





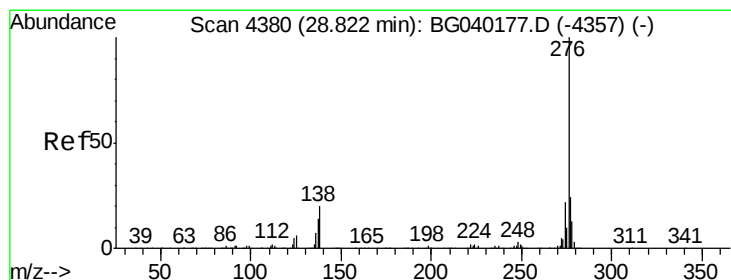
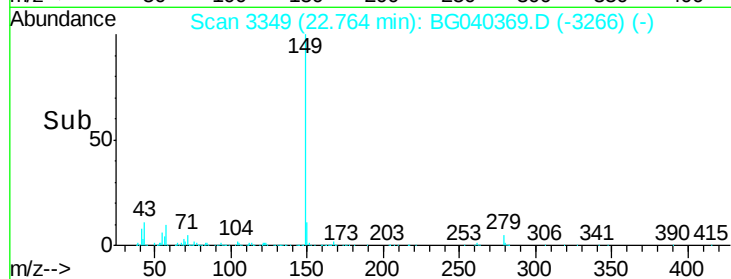
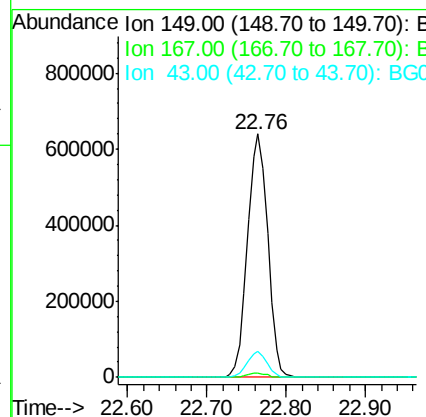
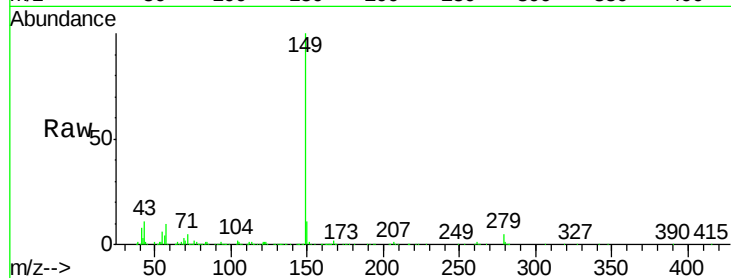
#85
Di-n-octyl phthalate
Concen: 40.138 ng
RT: 22.76 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB118610BS

Tgt Ion:149 Resp: 1137699
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.4 8.7 13.1

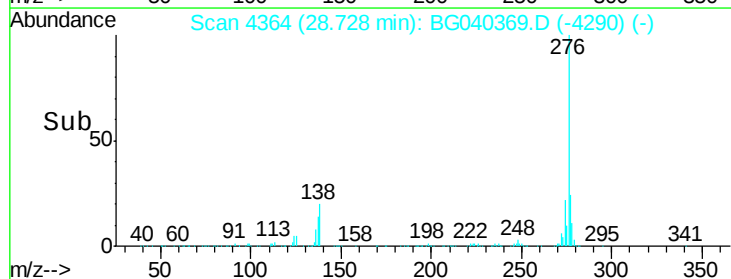
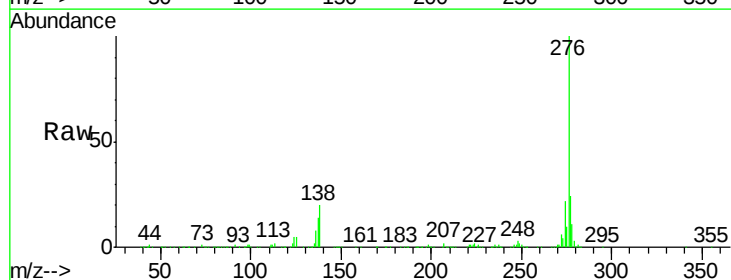
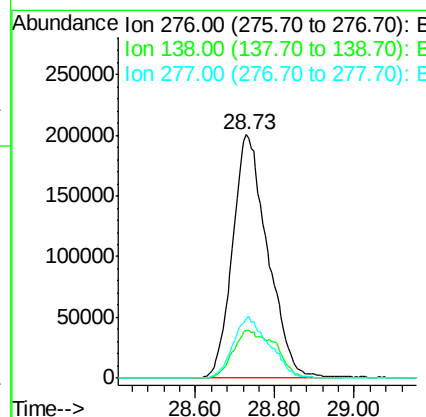
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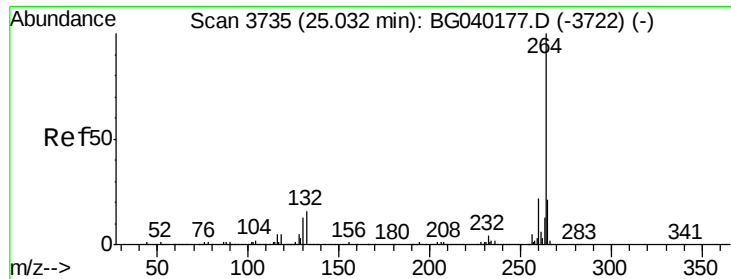
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.184 ng
RT: 28.73 min Scan# 4364
Delta R.T. -0.09 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion:276 Resp: 1233180
Ion Ratio Lower Upper
276 100
138 23.7 18.8 28.2
277 25.9 21.0 31.4





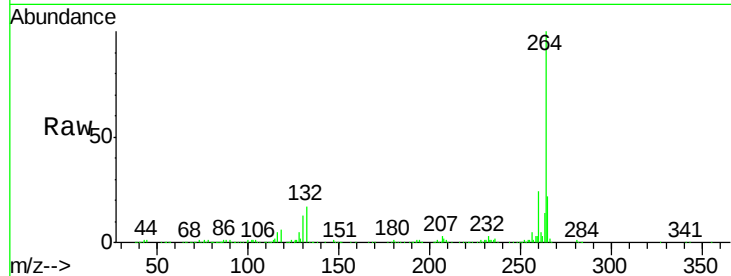
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB118610BS

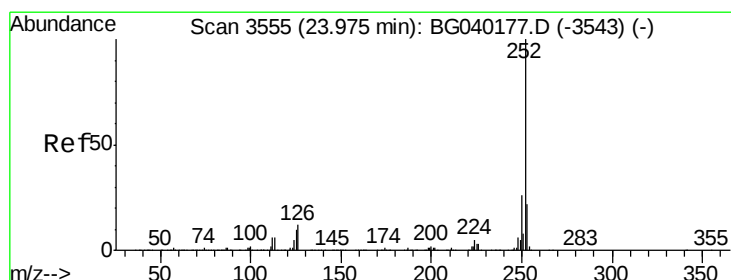
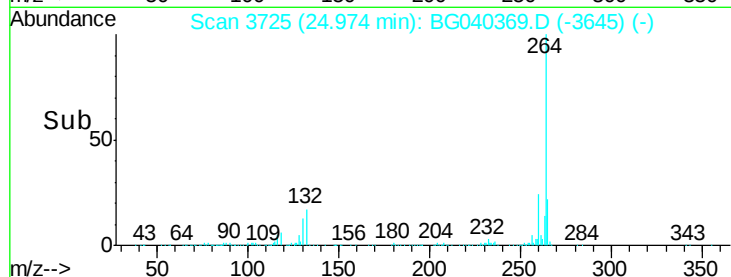
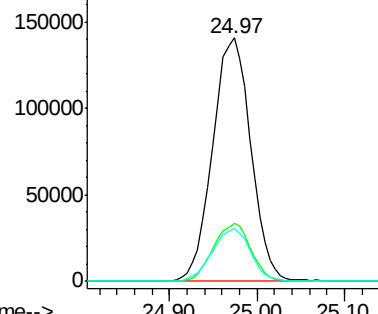
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.9	26.9
265	21.6	16.8	25.2

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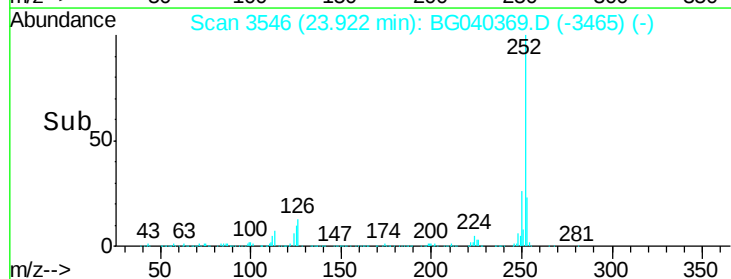
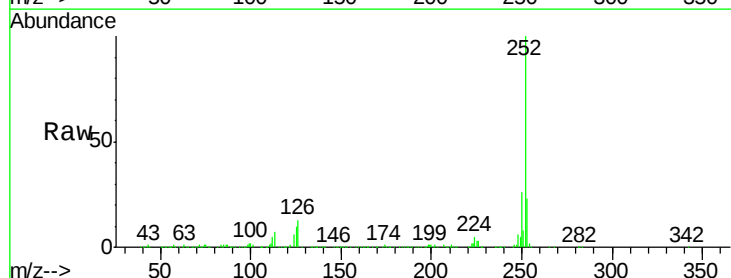
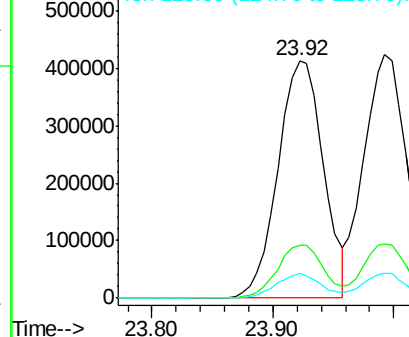
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

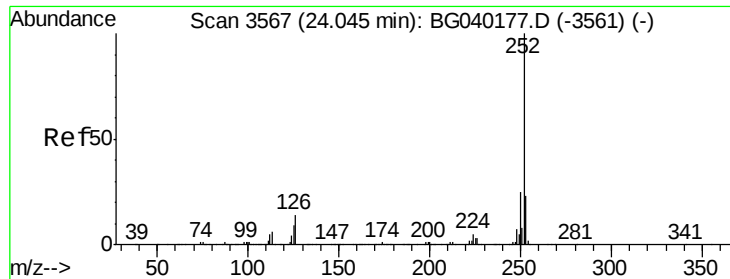


#88
Benzo(b)fluoranthene
Concen: 41.834 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.05 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	10.4	8.2	12.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





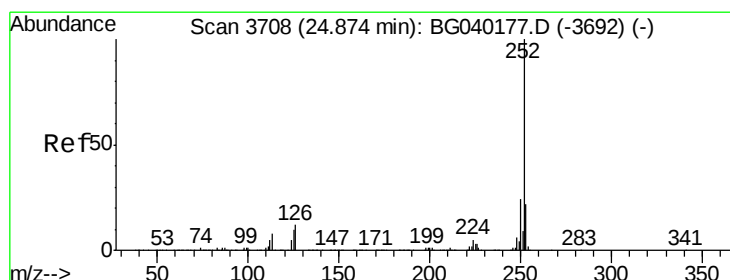
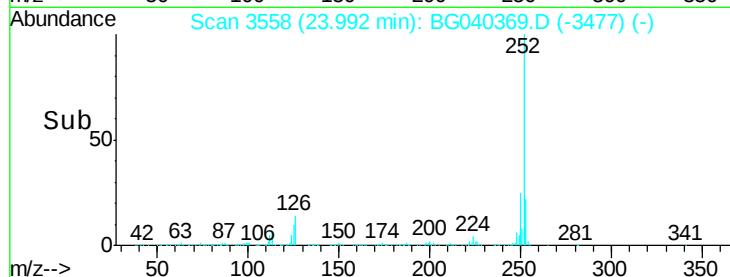
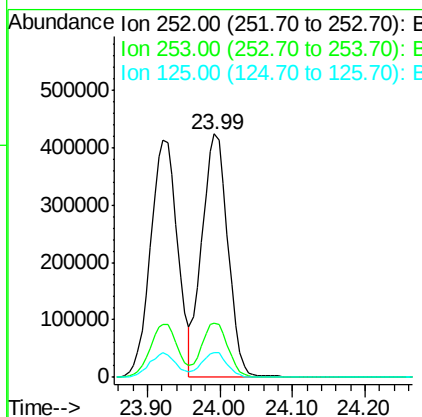
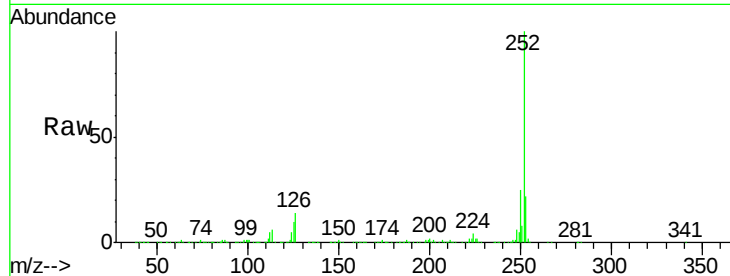
#89
Benzo(k)fluoranthene
Concen: 44.436 ng
RT: 23.99 min Scan# 3558
Delta R.T. -0.05 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB118610BS

Tgt Ion: 252 Resp: 1047265
Ion Ratio Lower Upper
252 100
253 22.4 18.6 28.0
125 10.0 7.3 10.9

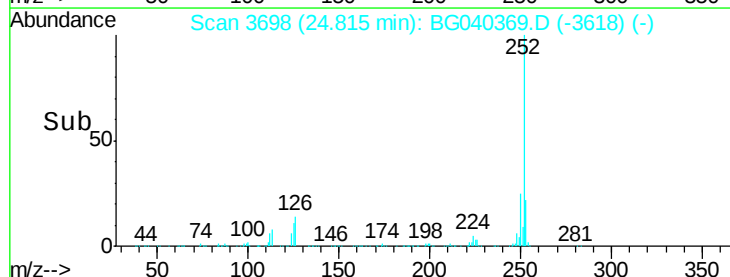
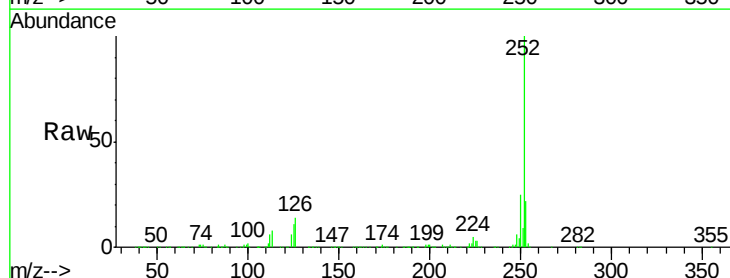
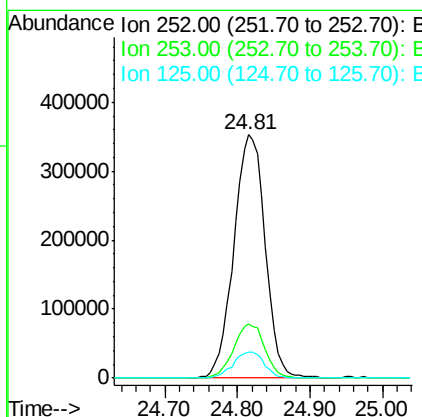
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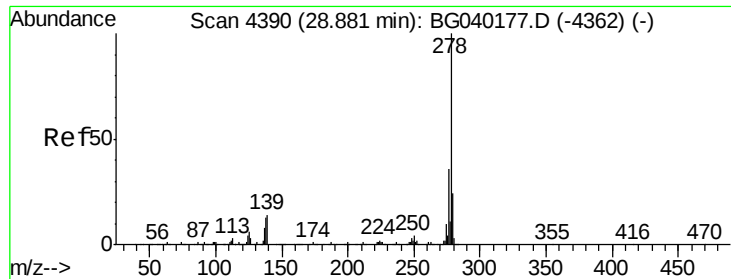
Sohil
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#90
Benzo(a)pyrene
Concen: 43.976 ng
RT: 24.81 min Scan# 3698
Delta R.T. -0.06 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion: 252 Resp: 1057433
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.9 8.3 12.5





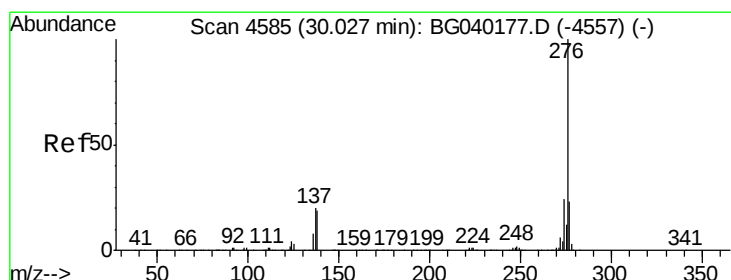
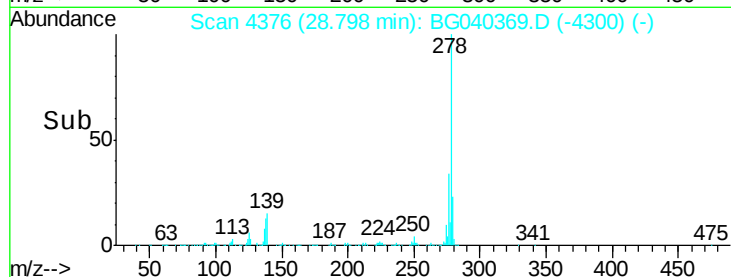
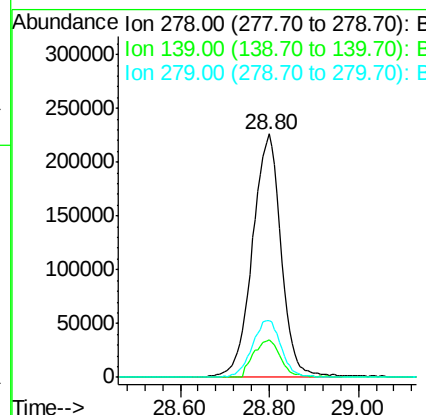
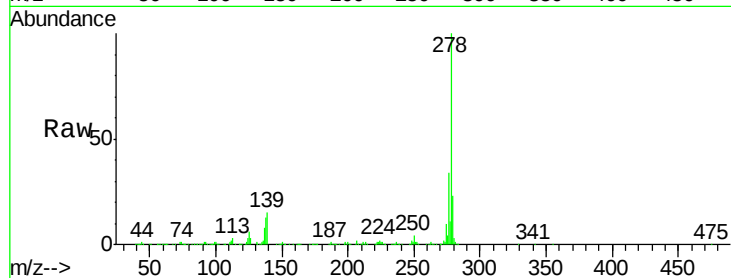
#91
Dibenzo(a,h)anthracene
Concen: 44.710 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.08 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB118610BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.2	16.8
279	23.3	18.9	28.3

Manual Integrations
APPROVED

Sohil
4/5/2019 12:24:56 PM



#92
Benzo(g,h,i)perylene
Concen: 45.114 ng
RT: 29.91 min Scan# 4566
Delta R.T. -0.11 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	21.4	15.2	22.8

