

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
 Data File : BG039230.D
 Acq On : 21 Jan 2019 12:44
 Operator : JU/SJ
 Sample : PB116511BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

Manual Integrations
 APPROVED

Sohil
 1/22/2019 10:00:13 AM

Quant Time: Jan 21 13:33:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	15602	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	65075	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	48213	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	130878	20.00	ng	0.00
76) Chrysene-d12	21.68	240	139013	20.00	ng	0.00
87) Perylene-d12	24.93	264	138469	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	131161	159.47	ng	0.00
7) Phenol-d6	7.18	99	179766	151.88	ng	0.00
23) Nitrobenzene-d5	9.19	82	94965	79.85	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	116157	143.73	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	273967	77.77	ng	0.00
79) Terphenyl-d14	20.00	244	599350	79.76	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	11066	34.358	ng	# 85
3) Pyridine	3.84	79	26482	30.259	ng	98
4) n-Nitrosodimethylamine	3.76	42	17912	45.483	ng	93
6) Aniline	7.34	93	44522	31.320	ng	100
8) 2-Chlorophenol	7.57	128	43226	44.585	ng	97
9) Benzaldehyde	7.15	77	7828	11.468	ng	97
10) Phenol	7.20	94	53745	45.290	ng	96
11) bis(2-Chloroethyl)ether	7.43	93	34332	37.853	ng	98
12) 1,3-Dichlorobenzene	7.89	146	42780	36.829	ng	97
13) 1,4-Dichlorobenzene	8.04	146	43887	37.305	ng	97
14) 1,2-Dichlorobenzene	8.36	146	42768	38.128	ng	95
15) Benzyl Alcohol	8.25	79	38092	42.734	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	70178	40.352	ng	99
17) 2-Methylphenol	8.45	107	36818	44.682	ng	96
18) Hexachloroethane	9.09	117	15121	37.834	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	30133	38.768	ng	92
20) 3+4-Methylphenols	8.78	107	51142	43.532	ng	99
22) Acetophenone	8.84	105	62439	36.741	ng	97
24) Nitrobenzene	9.23	77	46207	38.440	ng	99
25) Isophorone	9.74	82	86443	42.197	ng	99
26) 2-Nitrophenol	9.94	139	25635	39.427	ng	92
27) 2,4-Dimethylphenol	9.99	122	42644	46.619	ng	92
28) bis(2-Chloroethoxy)methane	10.23	93	49641	40.320	ng	95
29) 2,4-Dichlorophenol	10.47	162	50556	44.488	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	51197	37.496	ng	97
31) Naphthalene	10.87	128	132411	40.570	ng	99
32) Benzoic acid	10.16	122	21006m	39.437	ng	
33) 4-Chloroaniline	10.99	127	34708	23.766	ng	98
34) Hexachlorobutadiene	11.14	225	35112	37.372	ng	98
35) Caprolactam	11.78	113	17695m	38.831	ng	
36) 4-Chloro-3-methylphenol	12.11	107	52944	43.560	ng	91
37) 2-Methylnaphthalene	12.48	142	103244	42.192	ng	97
38) 1-Methylnaphthalene	12.70	142	97264	41.411	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	66383	36.662	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	71640	70.949	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	46872	41.130	nq	99
44) 2,4,5-Trichlorophenol	13.16	196	52311	43.431	nq	99
46) 1,1'-Biphenyl	13.48	154	141337	36.996	nq	99
47) 2-Chloronaphthalene	13.53	162	115802	37.458	nq	99
48) 2-Nitroaniline	13.75	65	35212	40.656	nq	97
49) Acenaphthylene	14.37	152	187366	40.322	nq	99
50) Dimethylphthalate	14.10	163	162303	39.837	nq	100
51) 2,6-Dinitrotoluene	14.24	165	37308	40.958	nq	98
52) Acenaphthene	14.72	154	110417	39.550	nq	98
53) 3-Nitroaniline	14.57	138	25618	27.724	nq	100
54) 2,4-Dinitrophenol	14.79	184	49095	89.466	nq	97
55) Dibenzofuran	15.05	168	192530	39.047	nq	99
56) 4-Nitrophenol	14.89	139	58447	87.907	nq	99
57) 2,4-Dinitrotoluene	15.03	165	54470	41.681	nq	# 98
58) Fluorene	15.70	166	156458	42.155	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.28	232	50842m	44.717	nq	
60) Diethylphthalate	15.46	149	171789	40.924	nq	98
61) 4-Chlorophenyl-phenylether	15.68	204	89954	38.471	nq	97
62) 4-Nitroaniline	15.74	138	36473	37.890	nq	99
63) Azobenzene	15.98	77	131139	39.949	nq	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	35721	36.840	nq	96
66) n-Nitrosodiphenylamine	15.91	169	148226	38.204	nq	98
67) 4-Bromophenyl-phenylether	16.58	248	61392	36.491	nq	99
68) Hexachlorobenzene	16.70	284	65531	35.696	nq	98
69) Atrazine	16.85	200	59329	35.995	nq	96
70) Pentachlorophenol	17.05	266	69279	62.451	nq	96
71) Phenanthrene	17.44	178	281387	40.676	nq	98
72) Anthracene	17.54	178	286928	41.949	nq	99
73) Carbazole	17.81	167	253231	37.504	nq	99
74) Di-n-butylphthalate	18.34	149	295919	39.395	nq	98
75) Fluoranthene	19.45	202	356592	41.581	nq	99
77) Benzidine	19.64	184	120131	28.254	nq	99
78) Pyrene	19.82	202	353568	39.910	nq	99
80) Butylbenzylphthalate	20.68	149	134706	39.979	nq	98
81) Benzo(a)anthracene	21.65	228	352616	41.669	nq	99
82) 3,3'-Dichlorobenzidine	21.57	252	94867	27.514	nq	97
83) Chrysene	21.72	228	325739	40.472	nq	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	184924	39.526	nq	96
85) Di-n-octyl phthalate	22.73	149	320072	40.459	nq	99
86) Indeno(1,2,3-cd)pyrene	28.68	276	403575	41.964	nq	# 96
88) Benzo(b)fluoranthene	23.89	252	350561	45.914	nq	99
89) Benzo(k)fluoranthene	23.96	252	335471	44.439	nq	98
90) Benzo(a)pyrene	24.78	252	342438	46.401	nq	98
91) Dibenzo(a,h)anthracene	28.73	278	336497	45.840	nq	98
92) Benzo(g,h,i)perylene	29.86	276	338218	46.541	nq	96

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



#1

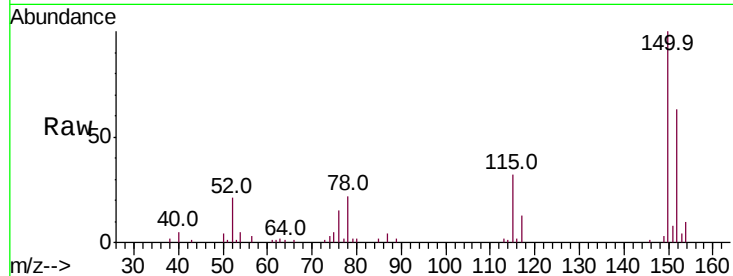
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB116511BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.7	187.1
115	51.4	46.5	69.7

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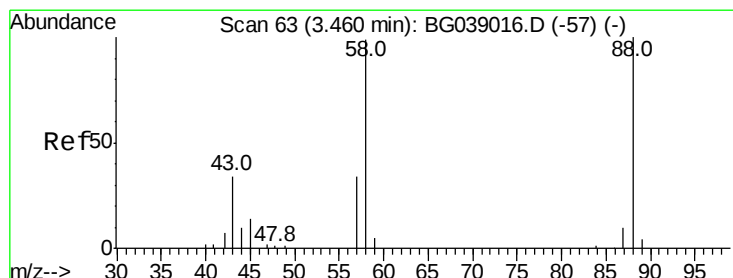
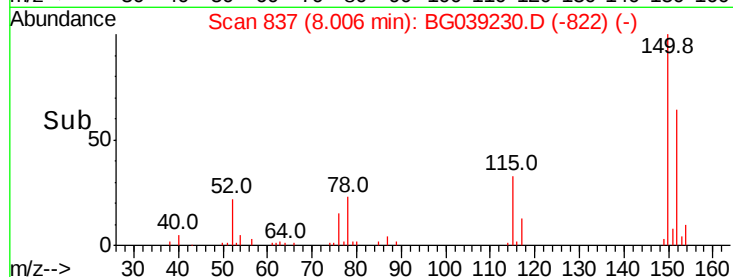
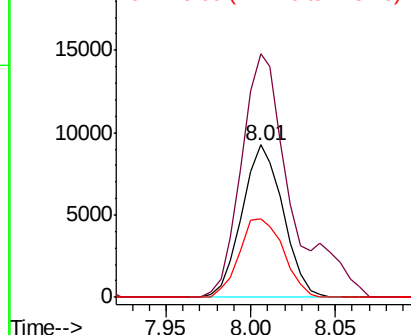


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

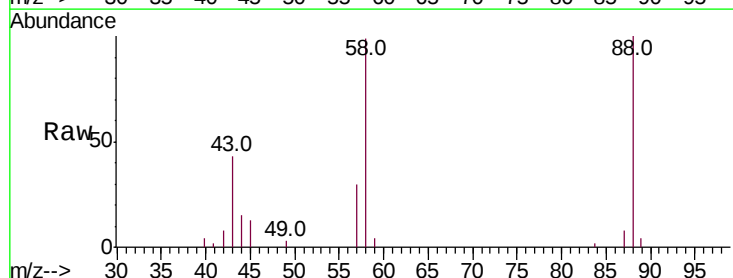
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.358 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	108.6	72.4	108.6#
43	32.9	27.6	41.4

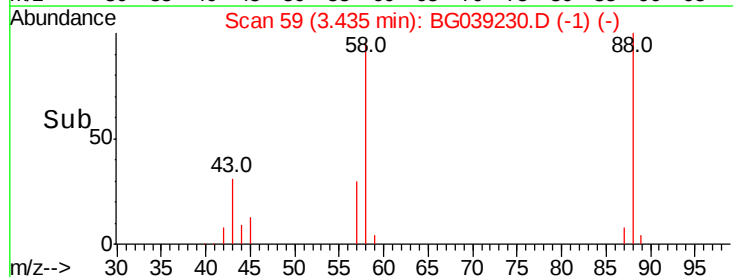
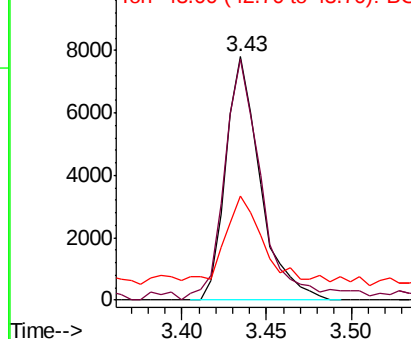


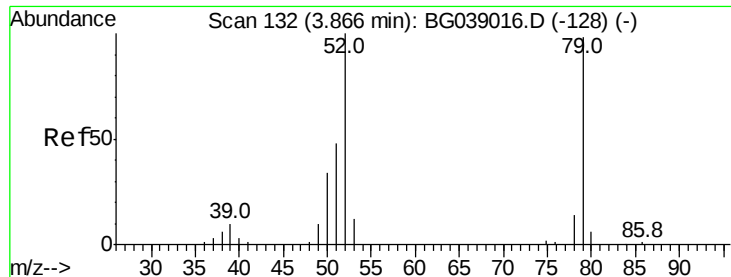
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.259 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

Tot Ion: 79 Resp: 26482

Ion Ratio Lower Upper

79 100

52 103.5 81.5 122.3

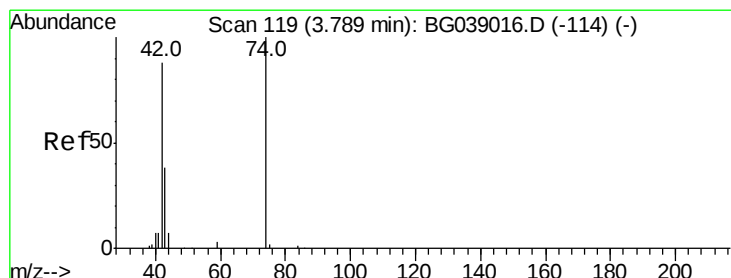
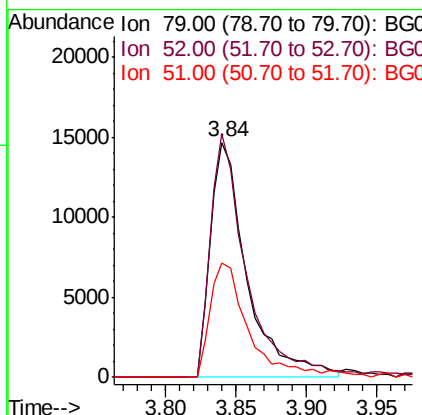
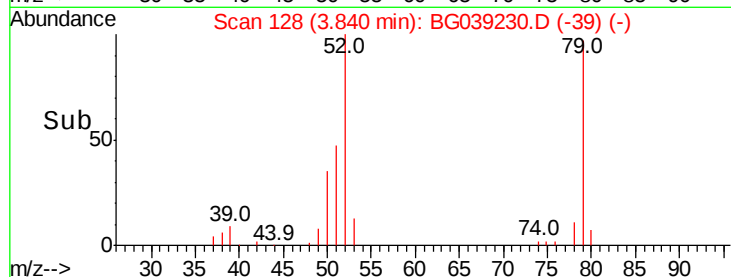
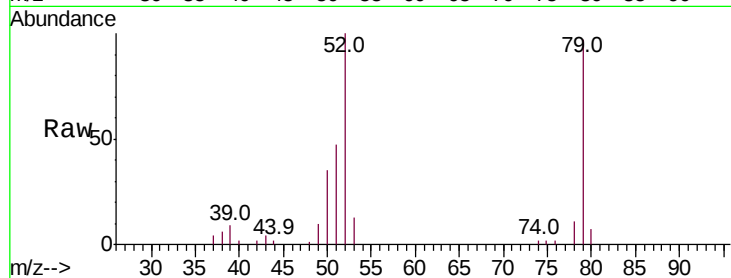
51 48.6 39.8 59.6

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#4

n-Nitrosodimethylamine

Concen: 45.483 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

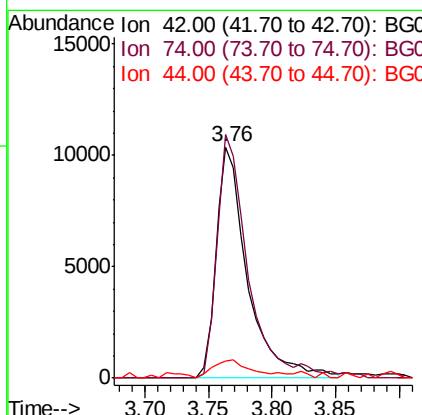
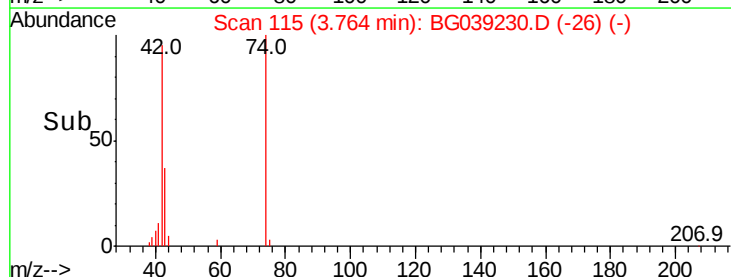
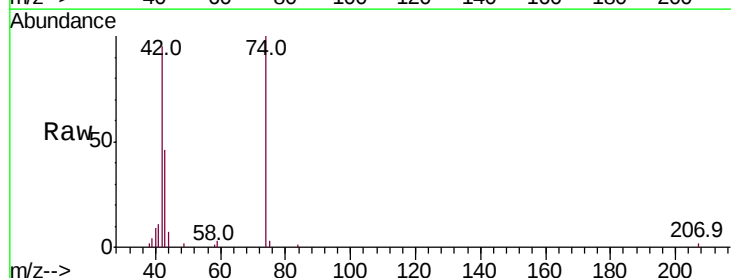
Tgt Ion: 42 Resp: 17912

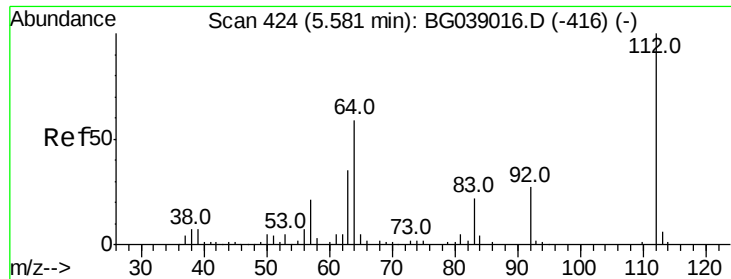
Ion Ratio Lower Upper

42 100

74 105.3 90.7 136.1

44 7.6 6.5 9.7





#5

2-Fluorophenol

Concen: 159.473 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

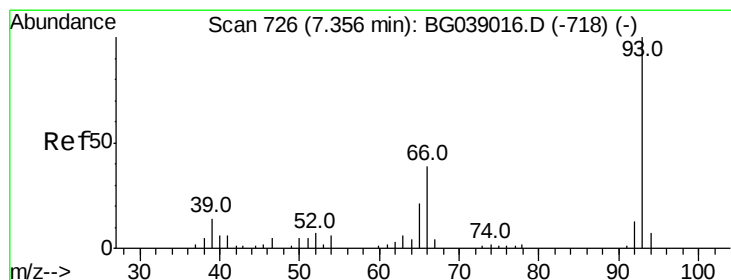
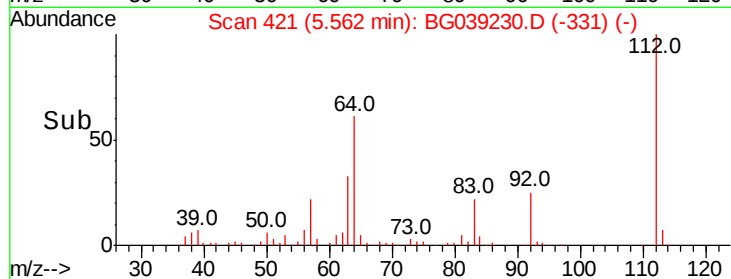
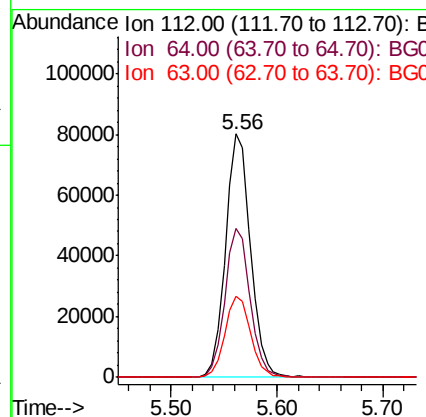
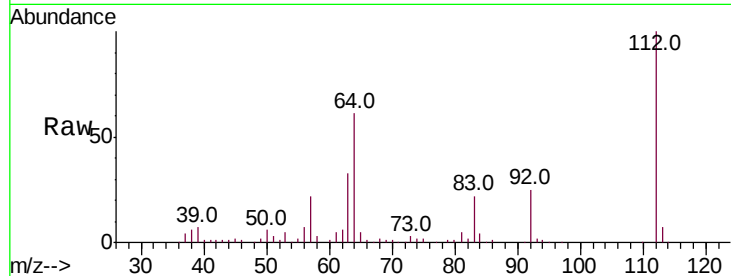
ClientSampleID :

PB116511BS

Tot Ion:	112	Resp:	131161
Ion Ratio	Lower	Upper	
112	100		
64	61.4	47.0	70.6
63	33.3	28.0	42.0

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#6

Aniline

Concen: 31.320 ng

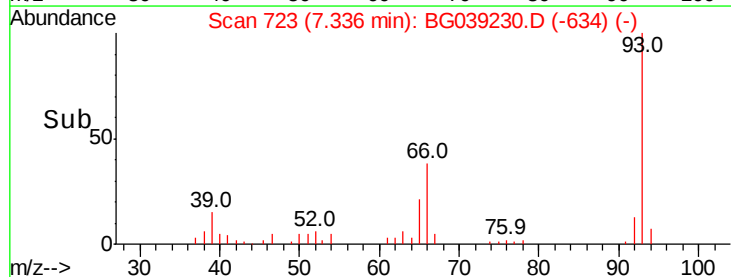
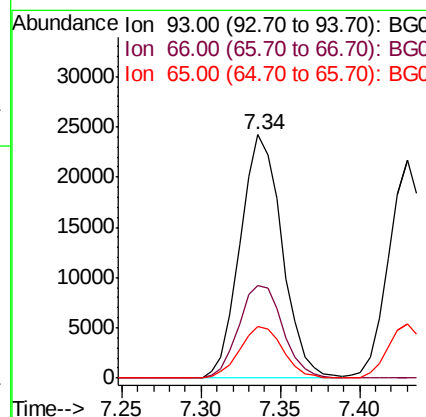
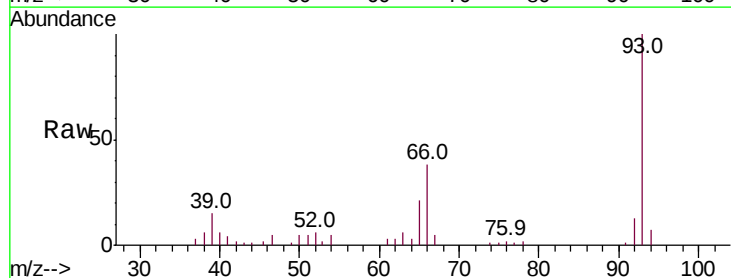
RT: 7.34 min Scan# 723

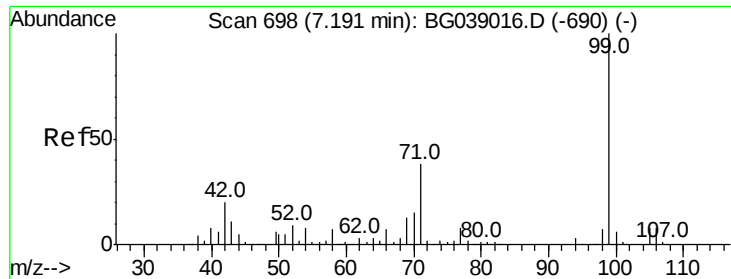
Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Tgt Ion:	93	Resp:	44522
Ion Ratio	Lower	Upper	
93	100		
66	38.2	30.9	46.3
65	21.2	17.0	25.4





#7

Phenol-d6

Concen: 151.876 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

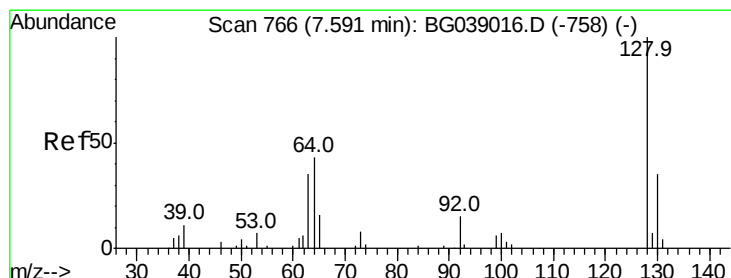
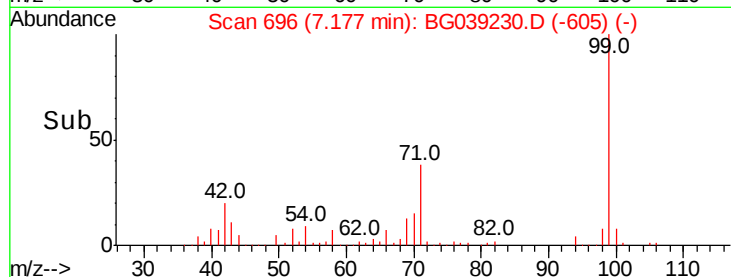
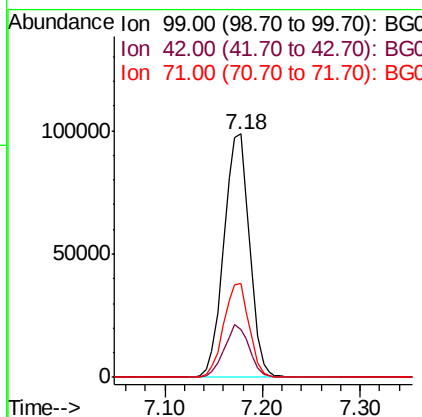
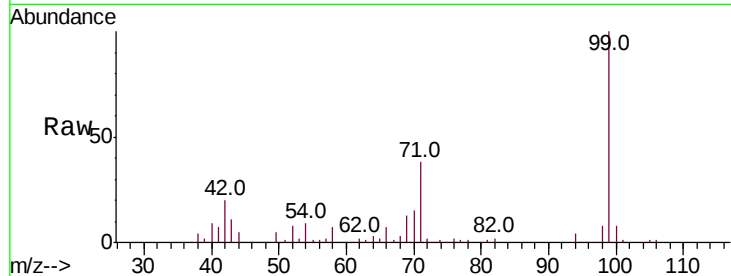
ClientSampled :

PB116511BS

Tot Ion:	99	Resp:	179766
Ion Ratio	Lower	Upper	
99	100		
42	19.9	15.8	23.6
71	38.5	30.2	45.4

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#8

2-Chlorophenol

Concen: 44.585 ng

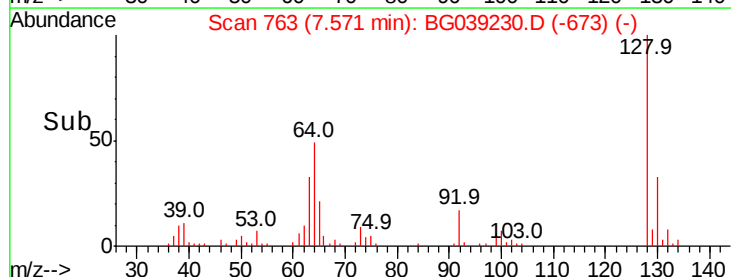
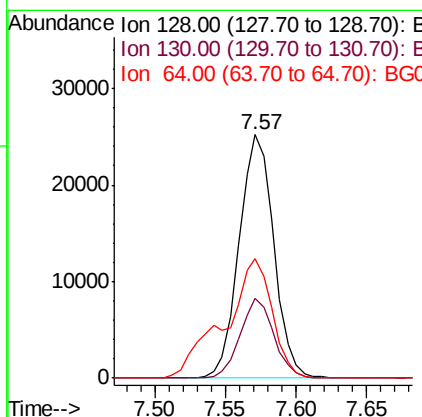
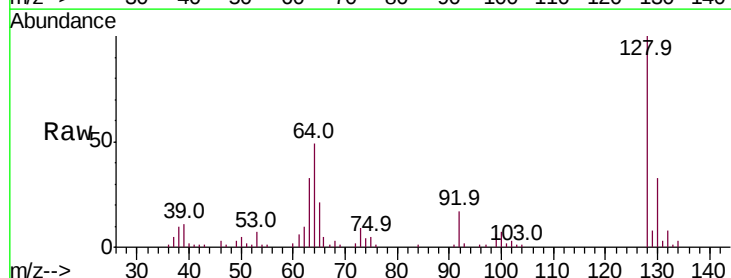
RT: 7.57 min Scan# 763

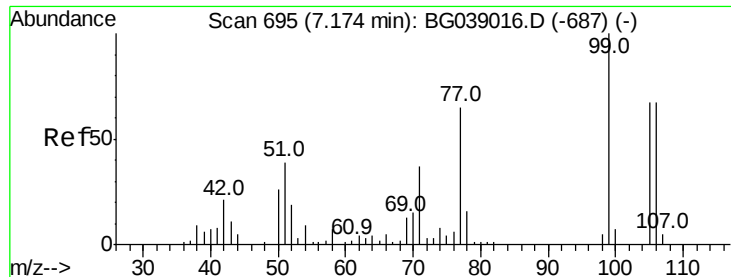
Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Tgt Ion:	128	Resp:	43226
Ion Ratio	Lower	Upper	
128	100		
130	32.8	14.5	54.5
64	49.2	27.3	67.3





#9

Benzaldehyde

Concen: 11.468 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

Tot Ion: 77 Resp: 7828

Ion Ratio Lower Upper

77 100

105 106.0 82.4 122.4

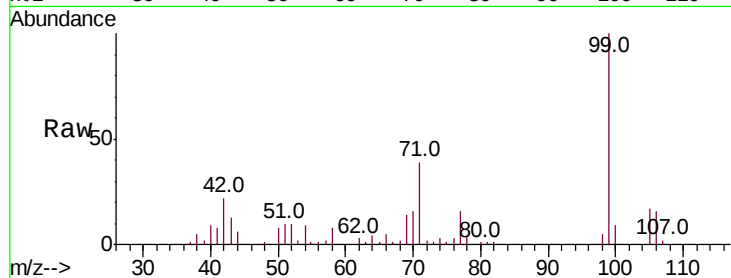
106 100.9 82.8 122.8

Manual Integrations

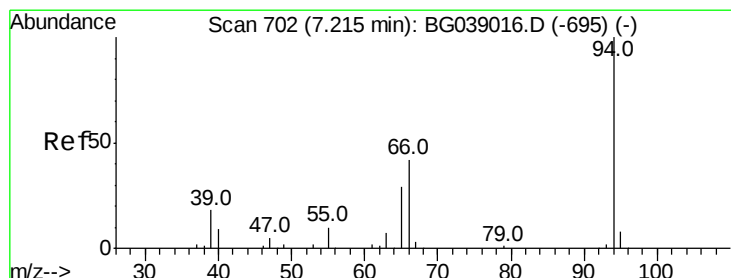
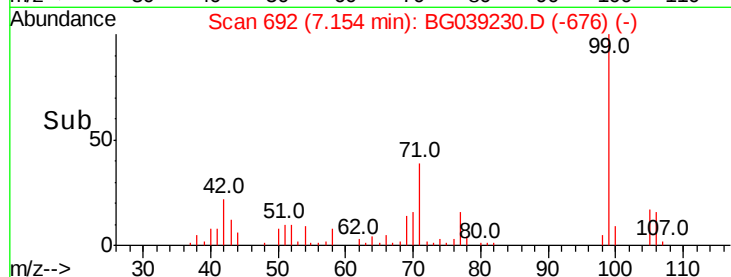
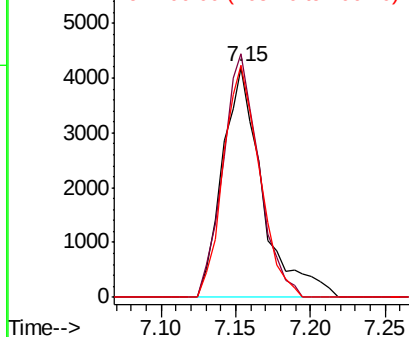
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.290 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

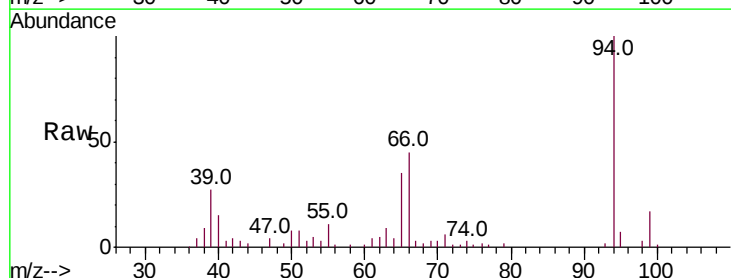
Tgt Ion: 94 Resp: 53745

Ion Ratio Lower Upper

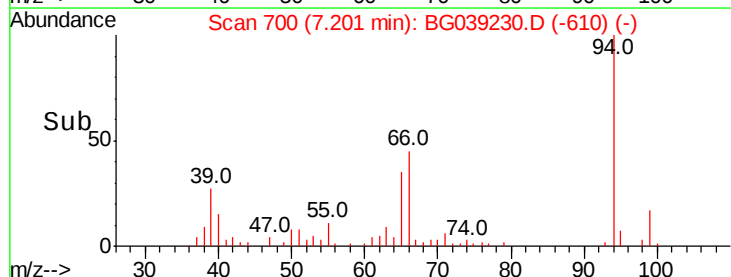
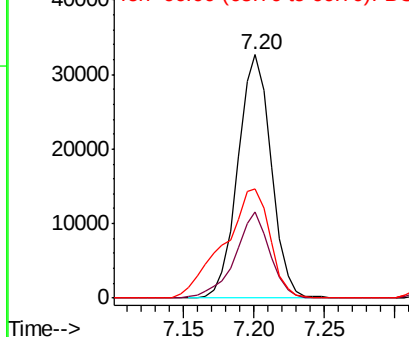
94 100

65 35.2 10.3 50.3

66 45.0 25.1 65.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 37.853 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

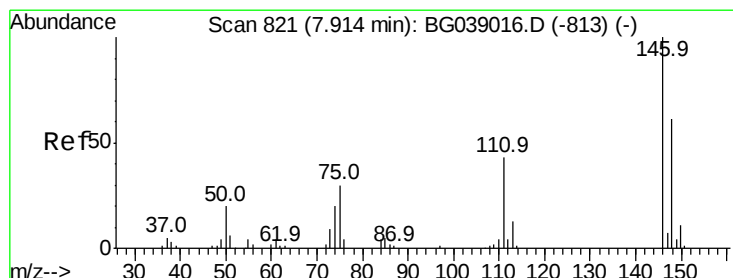
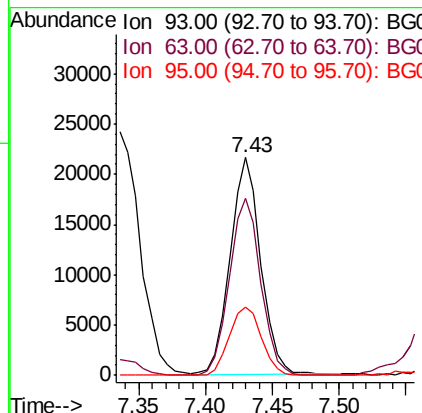
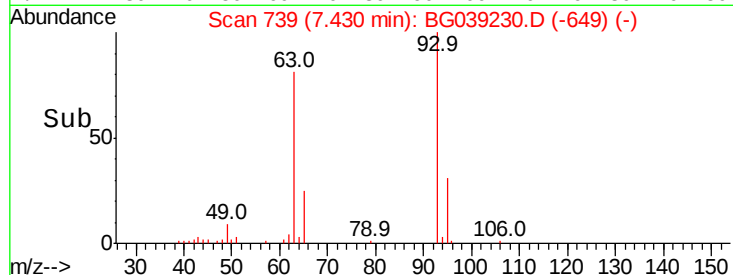
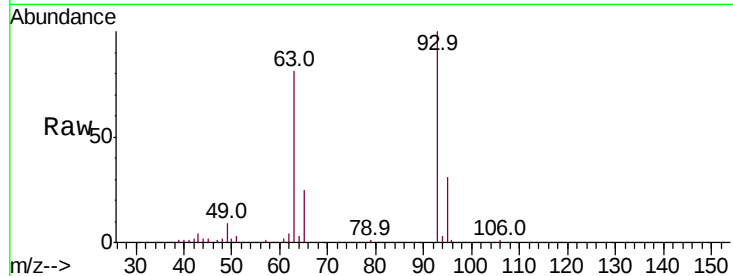
ClientSampleId :

PB116511BS

Tot Ion:	93	Resp:	34332
Ion	Ratio	Lower	Upper
93	100		
63	81.2	63.2	103.2
95	31.2	11.2	51.2

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#12

1,3-Dichlorobenzene

Concen: 36.829 ng

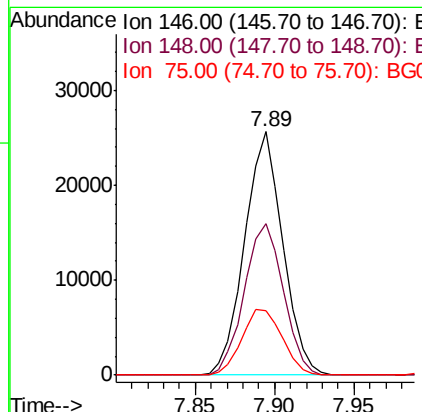
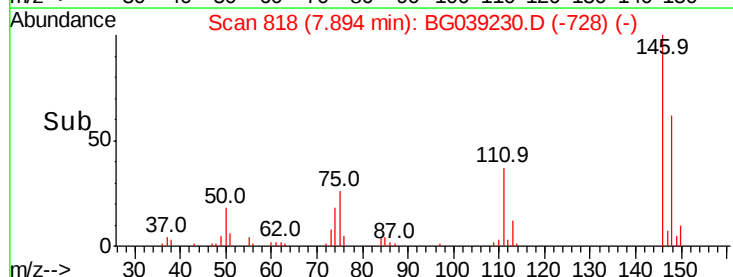
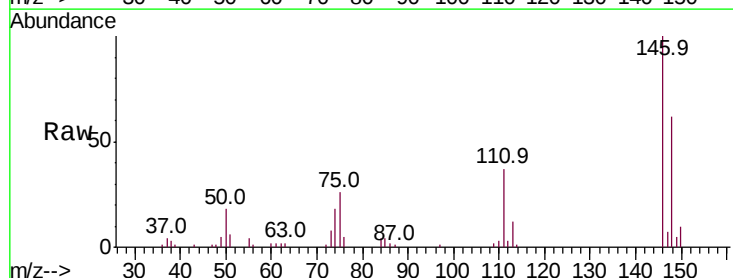
RT: 7.89 min Scan# 818

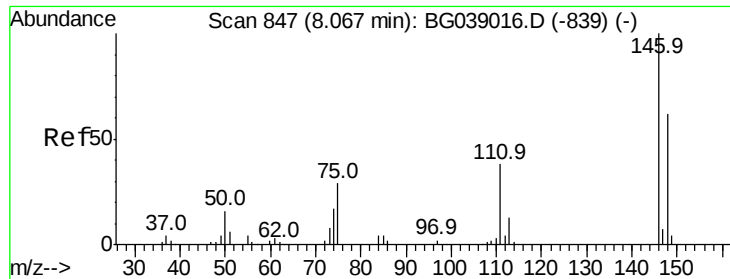
Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Tgt Ion:	146	Resp:	42780
Ion	Ratio	Lower	Upper
146	100		
148	62.1	49.1	73.7
75	26.3	23.9	35.9





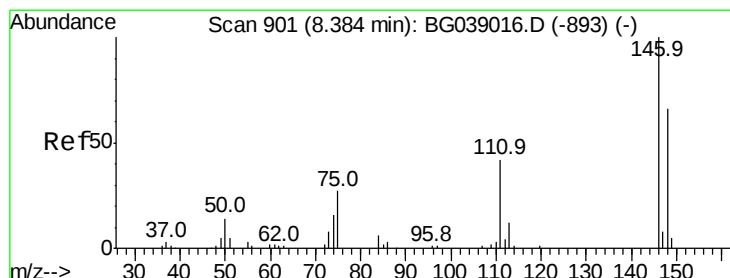
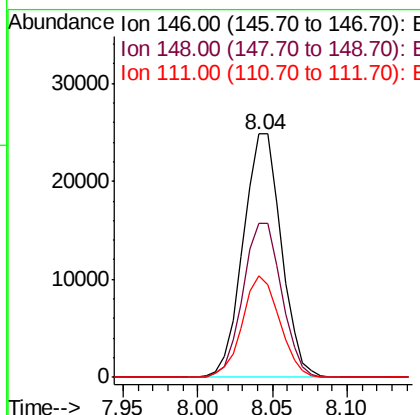
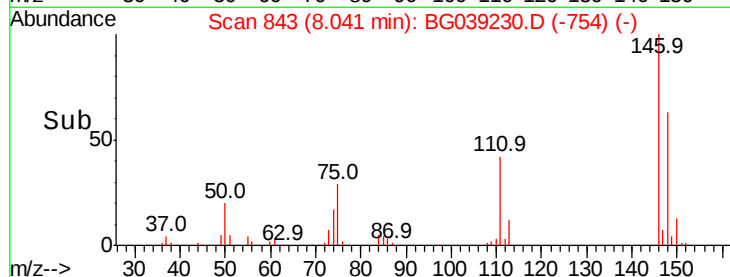
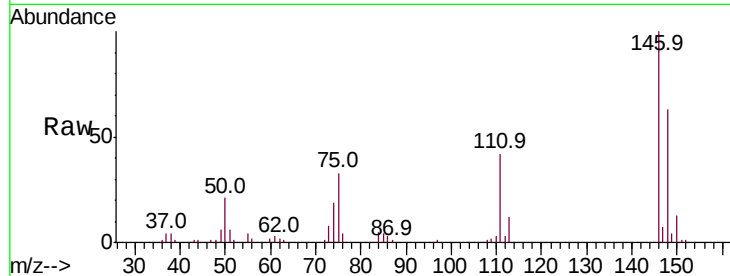
#13
1,4-Dichlorobenzene
Concen: 37.305 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB116511BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.8	74.6
111	41.6	30.6	45.8

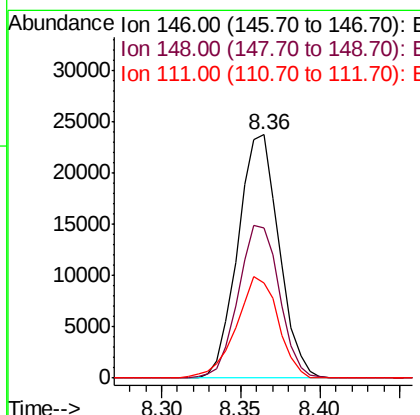
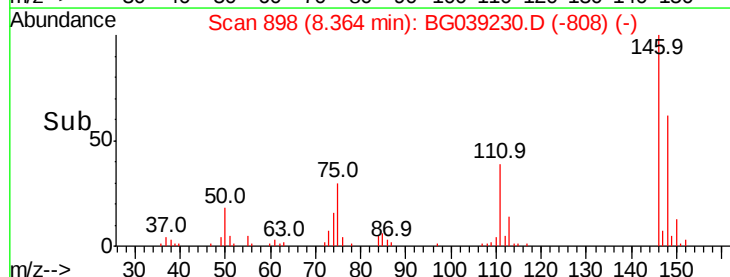
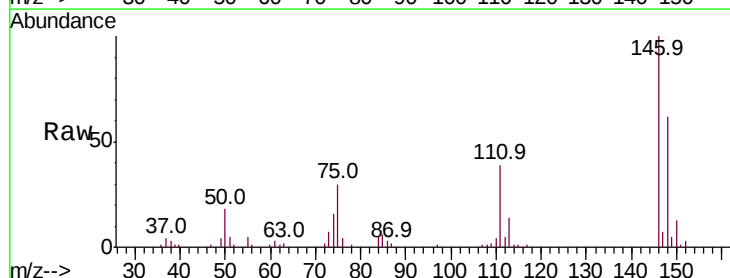
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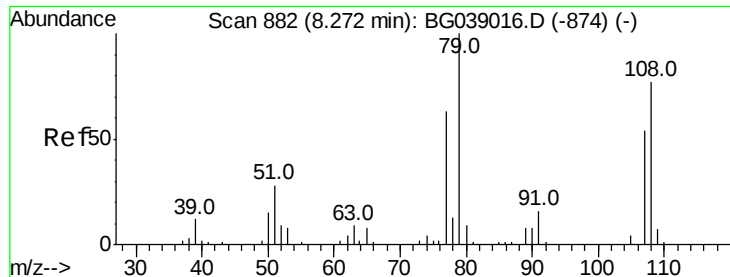
Sohil
1/22/2019 10:00:13 AM



#14
1,2-Dichlorobenzene
Concen: 38.128 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	52.6	79.0
111	39.3	34.6	51.8





#15

Benzyl Alcohol

Concen: 42.734 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

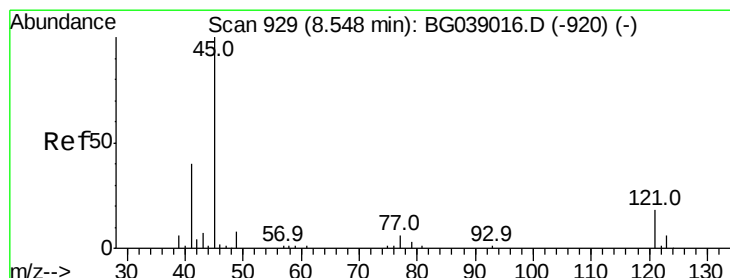
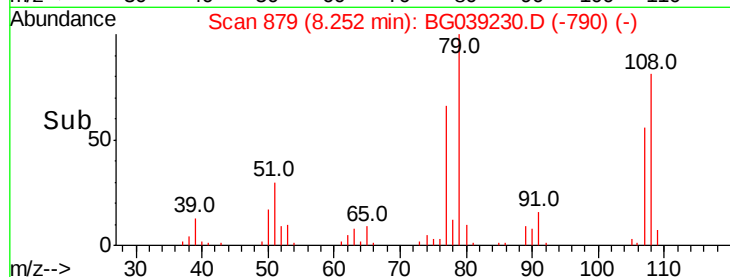
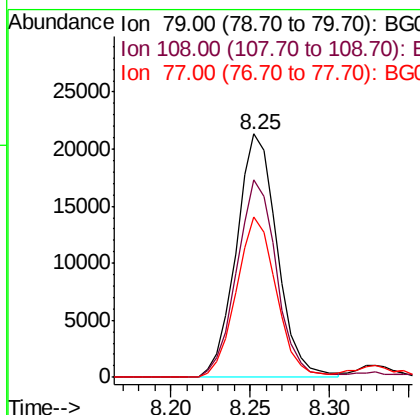
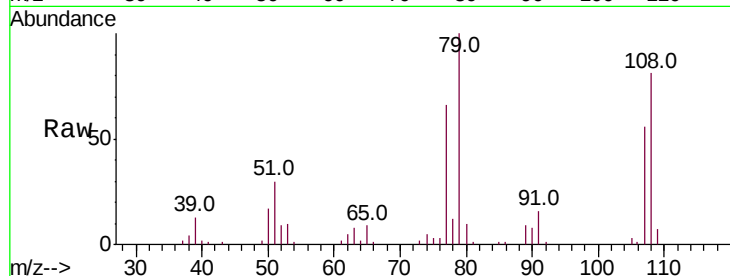
ClientSampled :

PB116511BS

Tot Ion:	79	Resp:	38092
Ion Ratio	Lower	Upper	
79	100		
108	81.2	62.0	93.0
77	65.9	50.1	75.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.352 ng

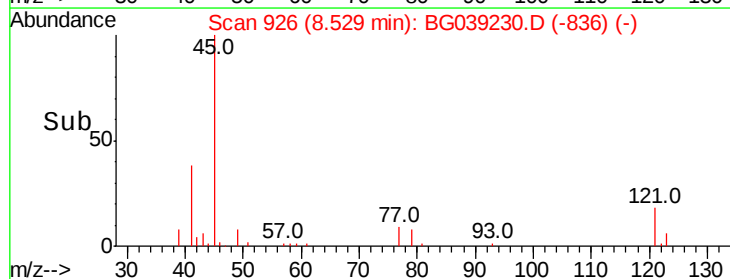
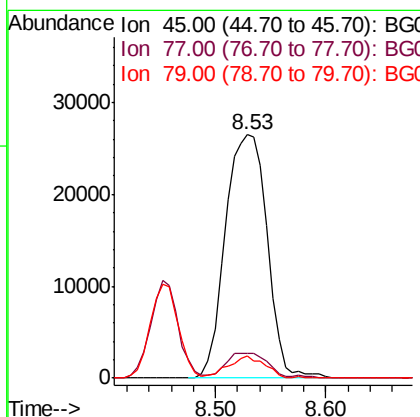
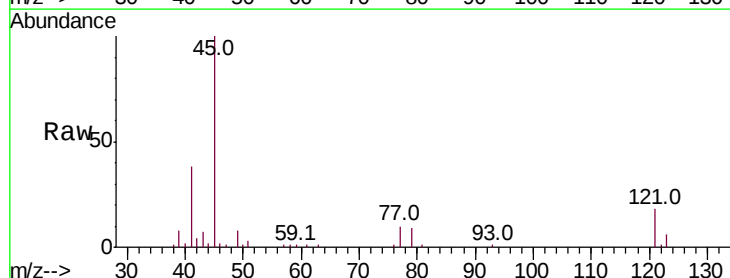
RT: 8.53 min Scan# 926

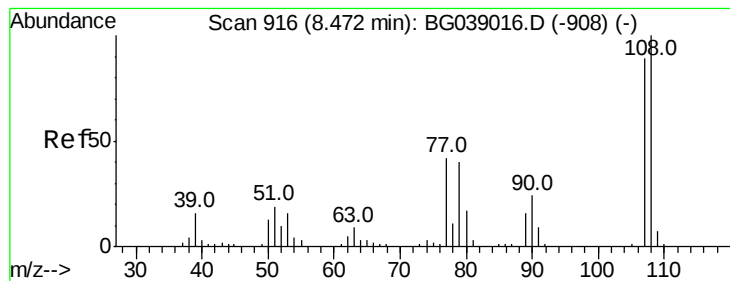
Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Tgt Ion:	45	Resp:	70178
Ion Ratio	Lower	Upper	
45	100		
77	10.2	0.0	30.7
79	8.9	0.0	28.5





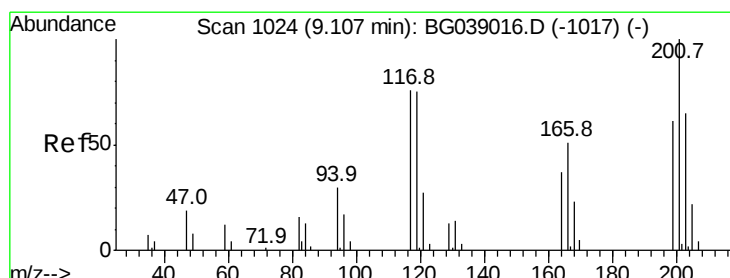
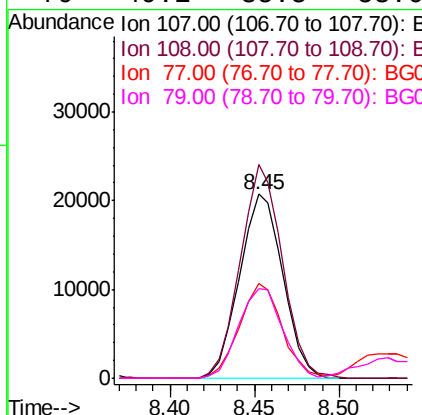
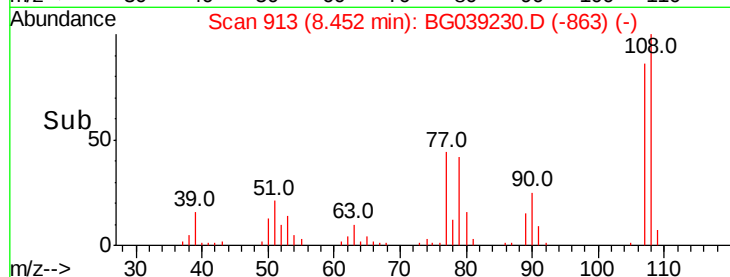
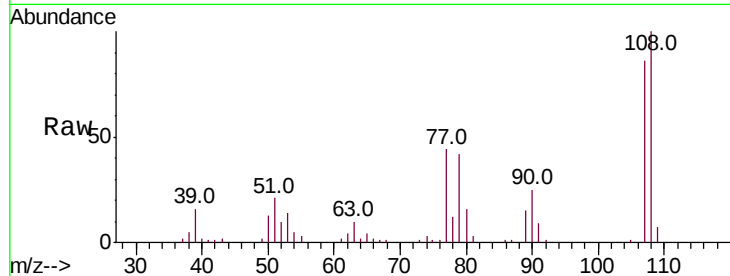
#17
2-Methylphenol
Concen: 44.682 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB116511BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.2	90.3	135.5	
77	51.4	38.3	57.5	
79	49.1	35.8	53.6	

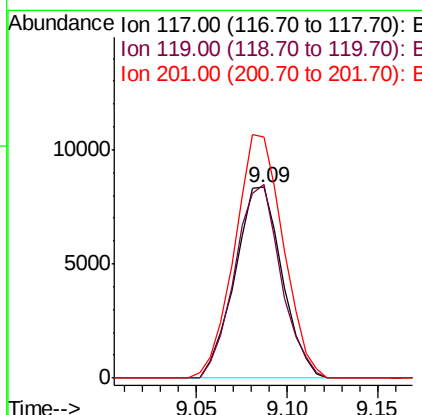
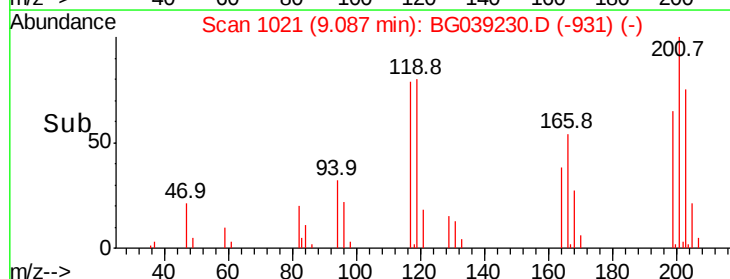
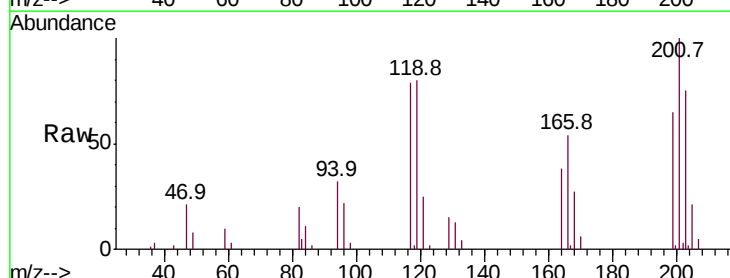
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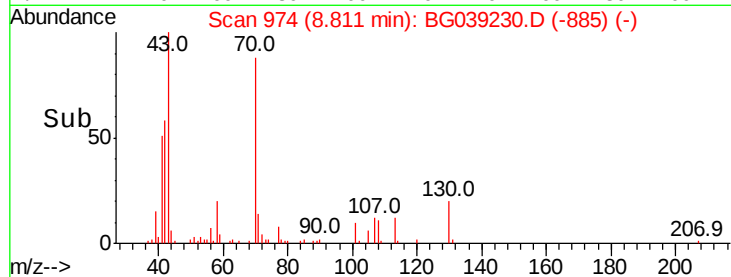
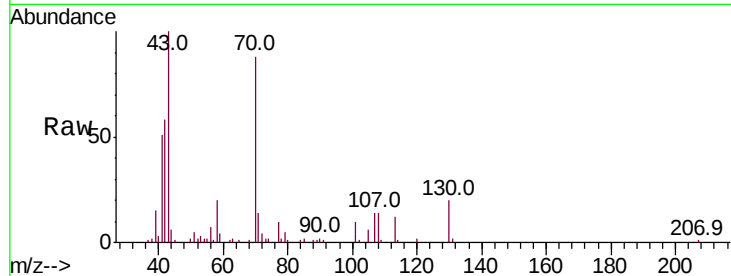
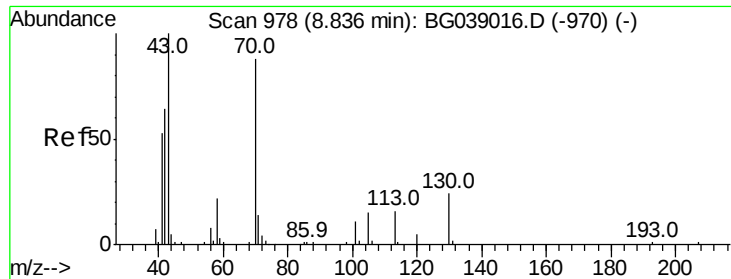
Sohil
1/22/2019 10:00:13 AM



#18
Hexachloroethane
Concen: 37.834 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.3	78.7	118.1	
201	126.5	108.1	162.1	





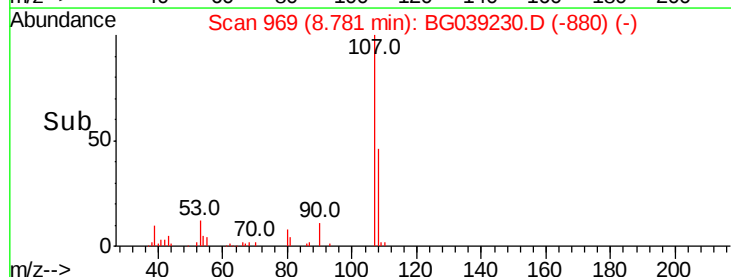
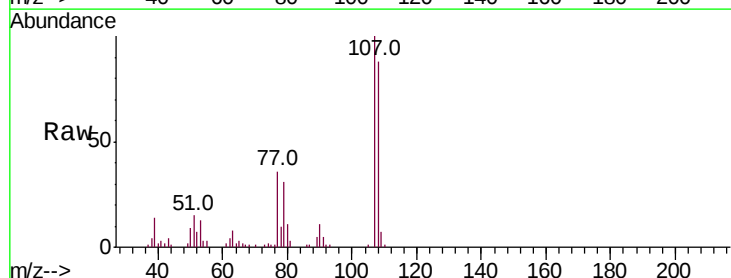
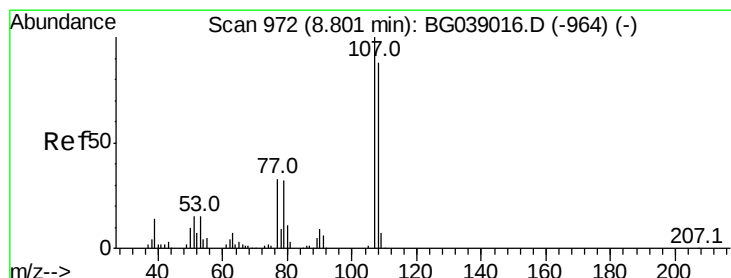
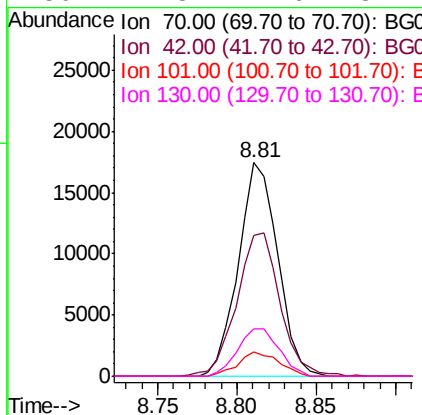
#19
n-Nitroso-di-n-propylamine
Concen: 38.768 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.1	59.0	88.4
101	11.6	10.4	15.6
130	22.3	21.6	32.4

Instrument :
BNA_G
ClientSampled :
PB116511BS

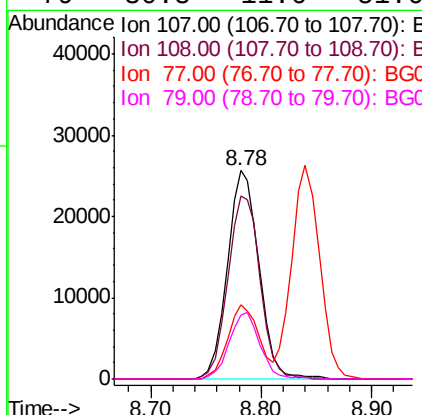
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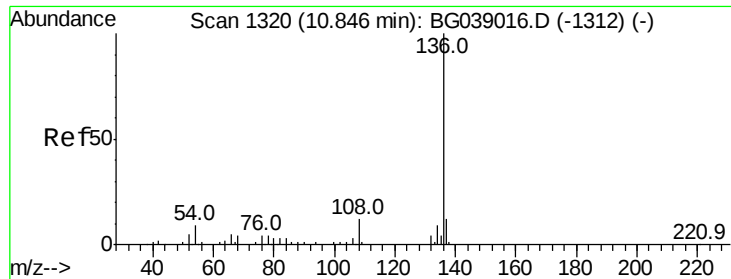
Sohil
1/22/2019 10:00:13 AM



#20
3+4-Methylphenols
Concen: 43.532 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	68.4	108.4
77	35.6	13.3	53.3
79	30.8	11.6	51.6





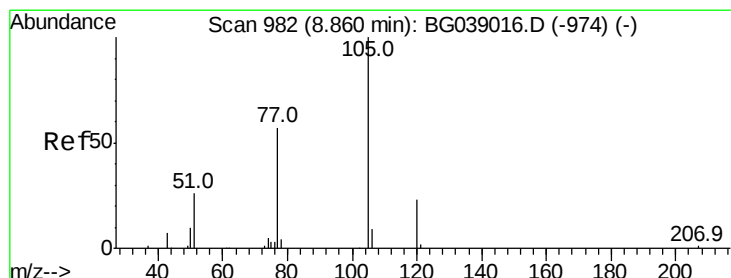
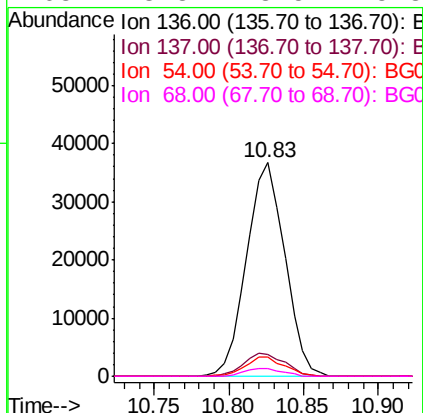
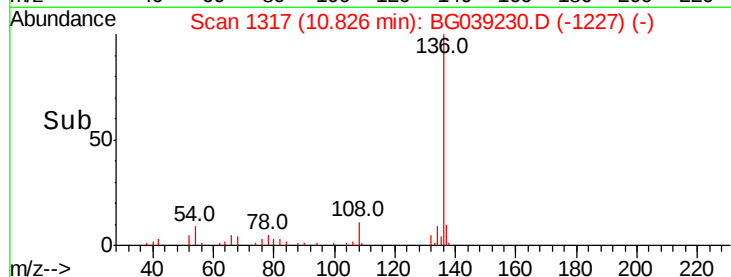
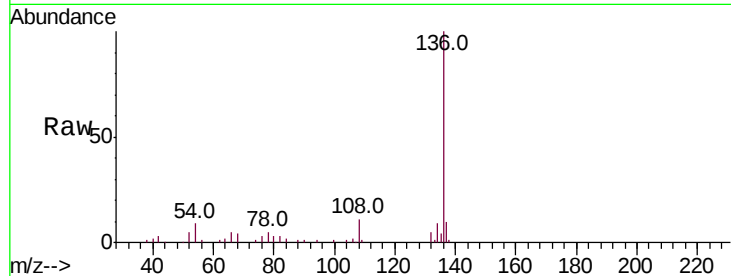
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB116511BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	65075		
137	9.9		9.4	14.2
54	9.3		7.2	10.8
68	3.8		3.5	5.3

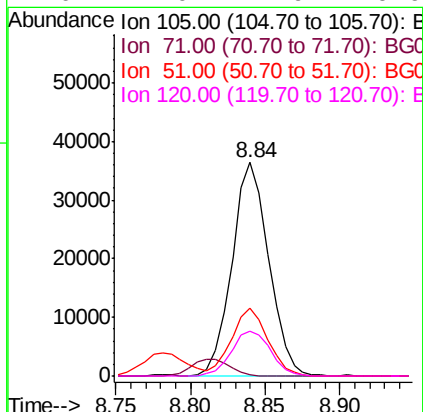
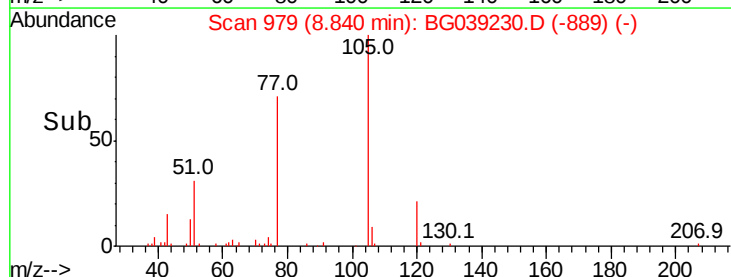
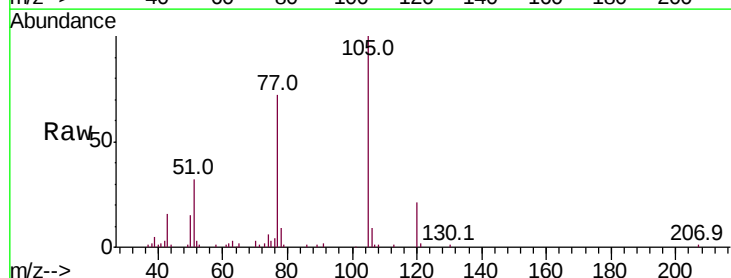
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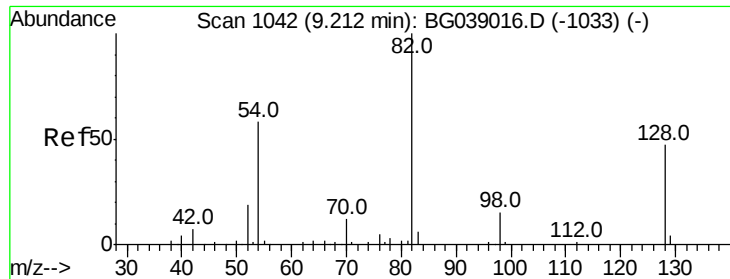
Sohil
1/22/2019 10:00:13 AM



#22
Acetophenone
Concen: 36.741 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	62439		
71	0.7		0.6	1.0
51	31.7		26.6	39.8
120	21.0		17.9	26.9





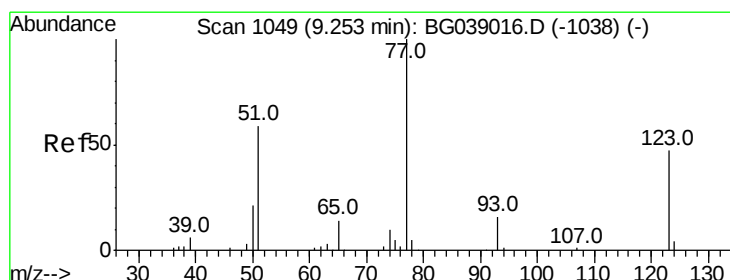
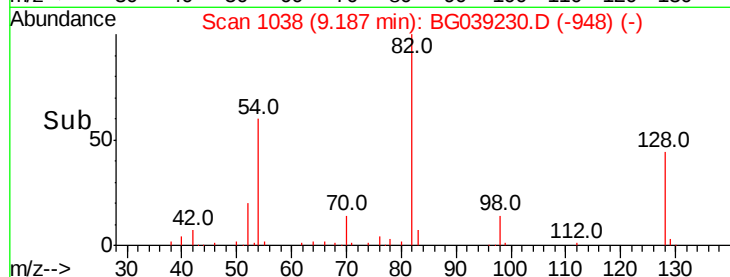
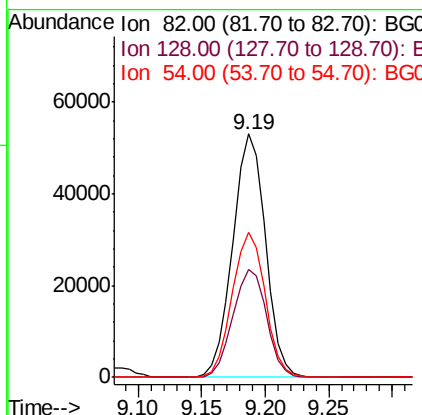
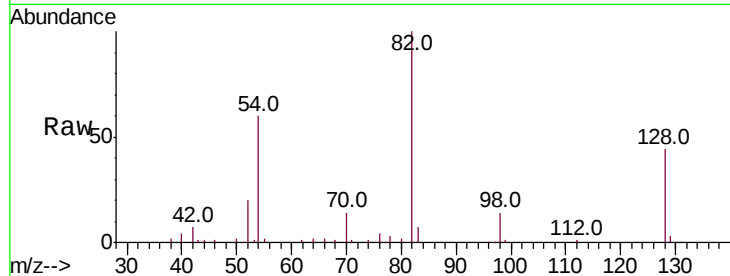
#23
Nitrobenzene-d5
Concen: 79.853 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB116511BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	37.3	55.9
54	59.8	46.4	69.6

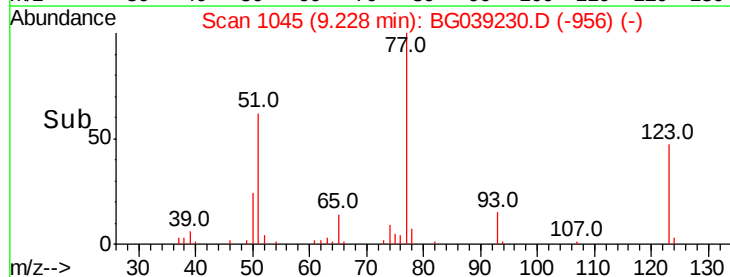
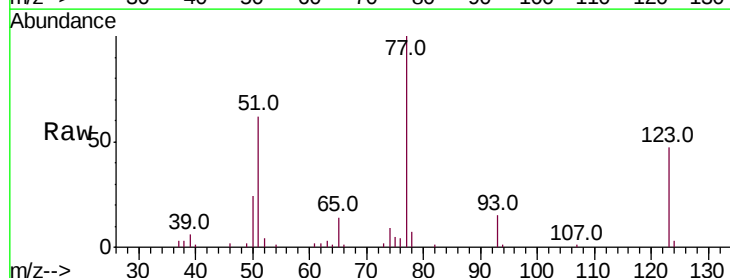
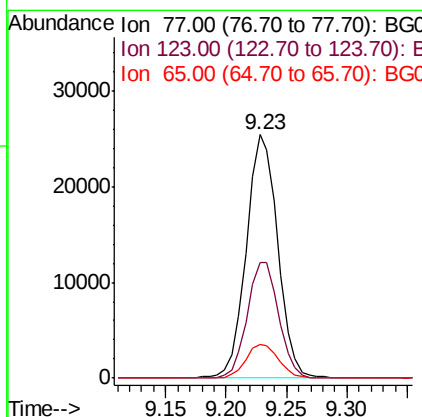
Manual Integrations
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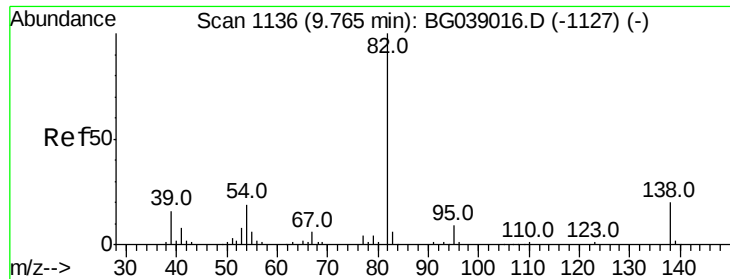
Sohil
1/22/2019 10:00:13 AM



#24
Nitrobenzene
Concen: 38.440 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.6	56.4
65	13.9	11.0	16.6





#25

Isophorone

Concen: 42.197 ng

RT: 9.74 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

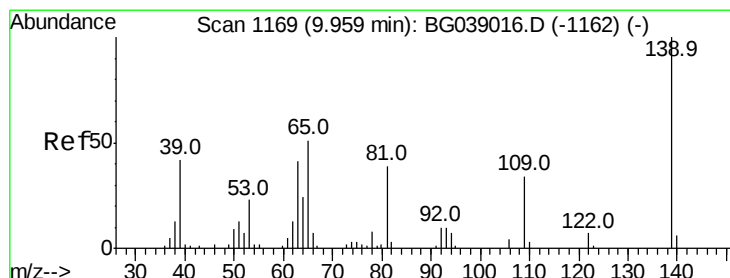
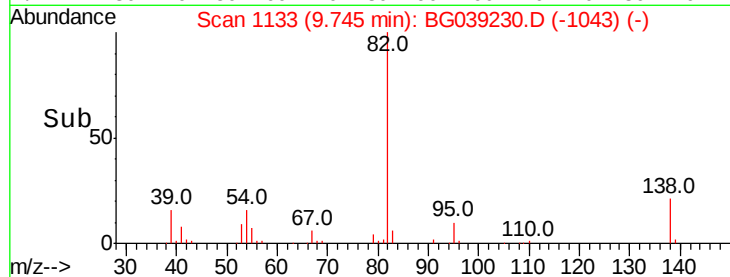
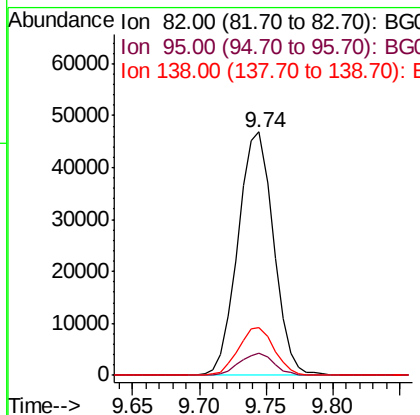
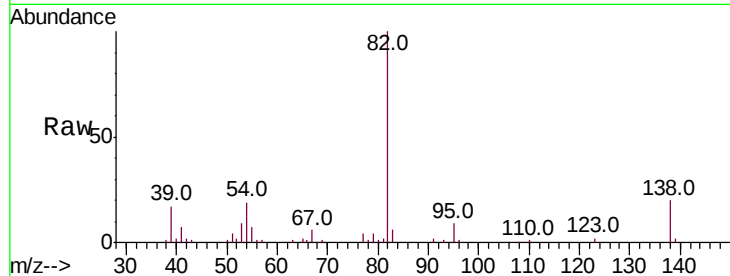
ClientSampleId :

PB116511BS

Tot Ion:	82	Resp:	86443
Ion Ratio	Lower	Upper	
82	100		
95	9.2	7.0	10.6
138	19.7	16.2	24.4

Manual Integrations
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Sohil
1/22/2019 10:00:13 AM



#26

2-Nitrophenol

Concen: 39.427 ng

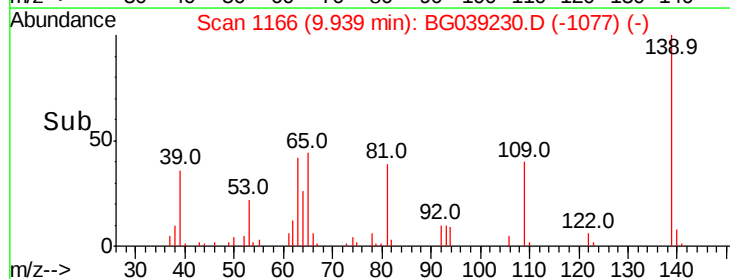
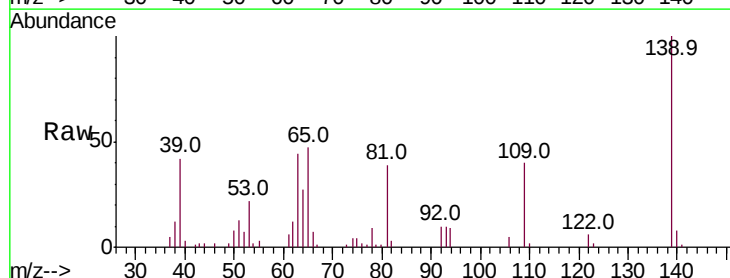
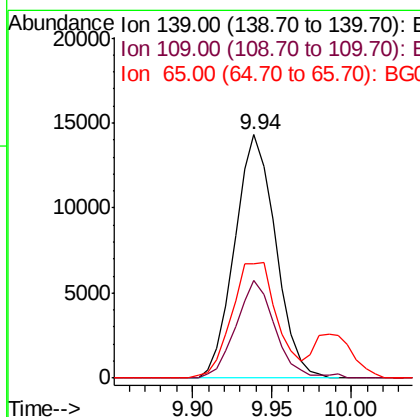
RT: 9.94 min Scan# 1166

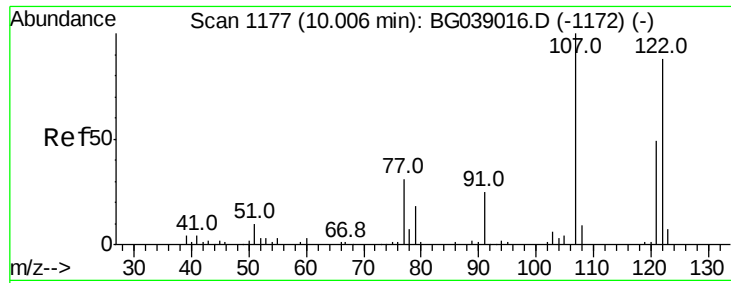
Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Tgt Ion:	139	Resp:	25635
Ion Ratio	Lower	Upper	
139	100		
109	40.4	27.3	40.9
65	47.0	40.6	61.0





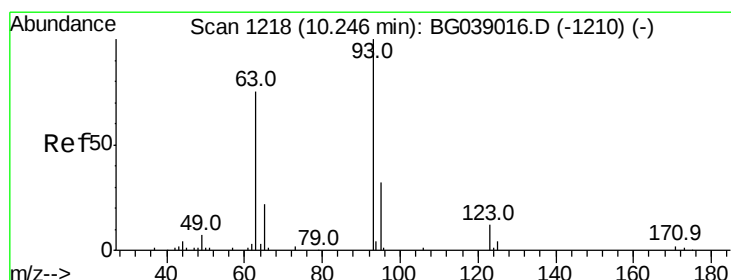
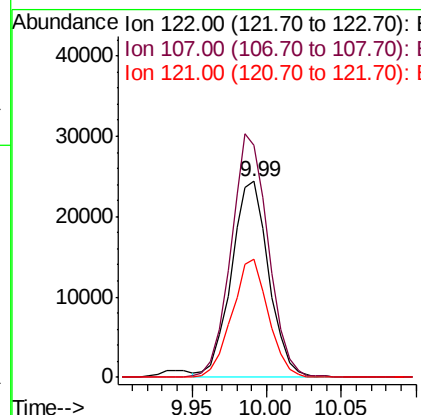
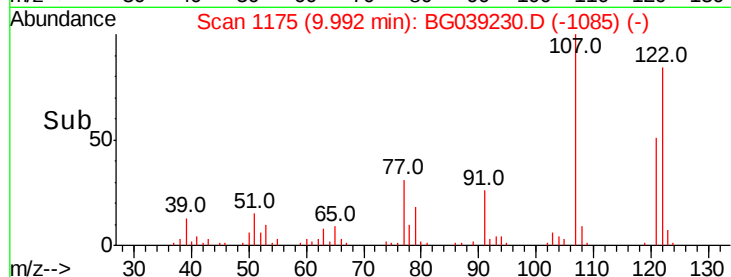
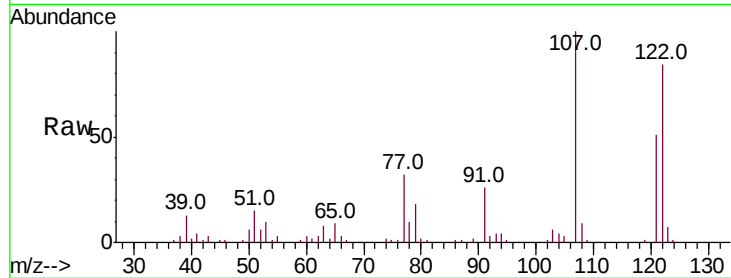
#27
 2,4-Dimethylphenol
 Concen: 46.619 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.4	88.8	133.2
121	60.4	43.1	64.7

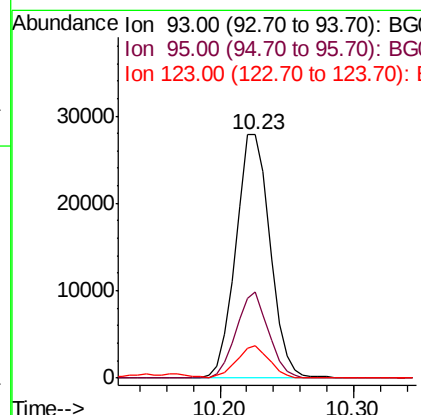
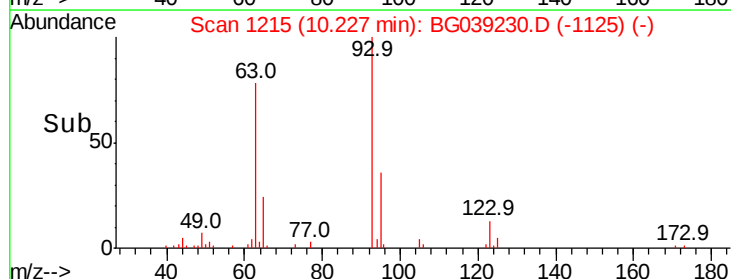
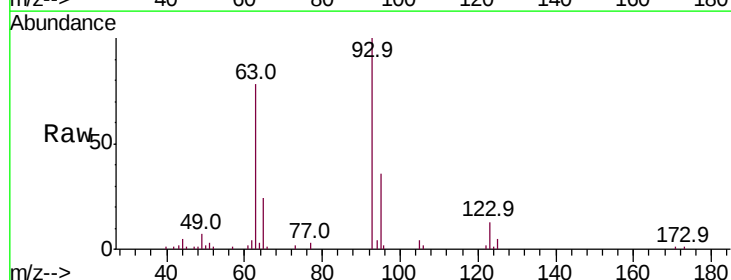
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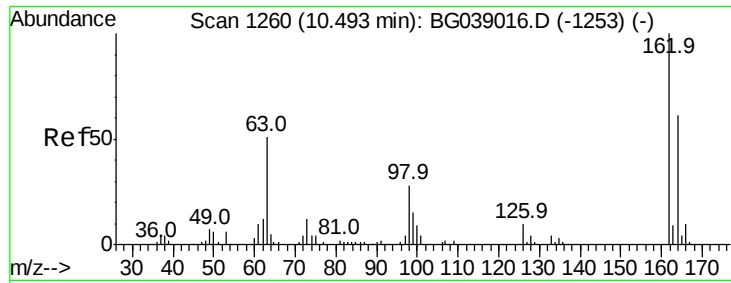
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.320 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.5	25.6	38.4
123	13.5	10.1	15.1





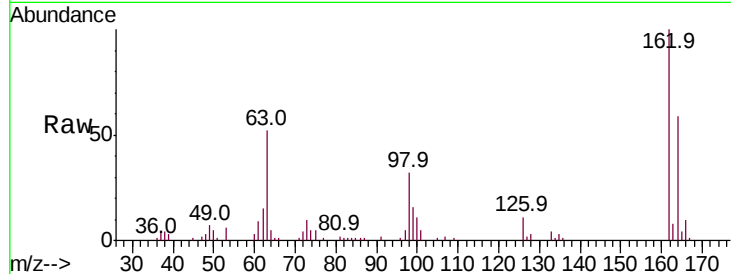
#29
 2,4-Dichlorophenol
 Concen: 44.488 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	59.0	41.3	81.3
98	31.6	8.3	48.3

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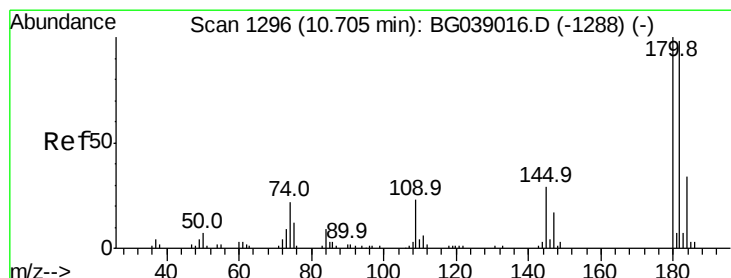
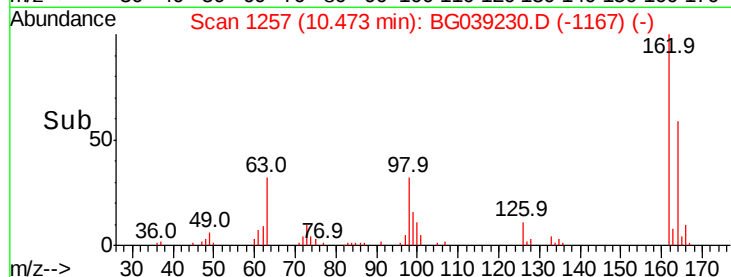
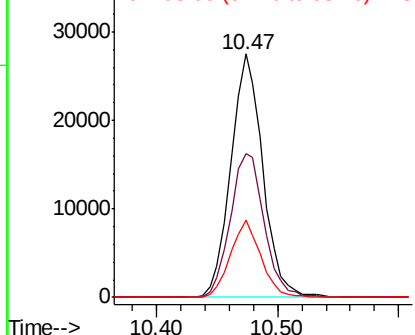


Abundance

Ion 162.00 (161.70 to 162.70): E

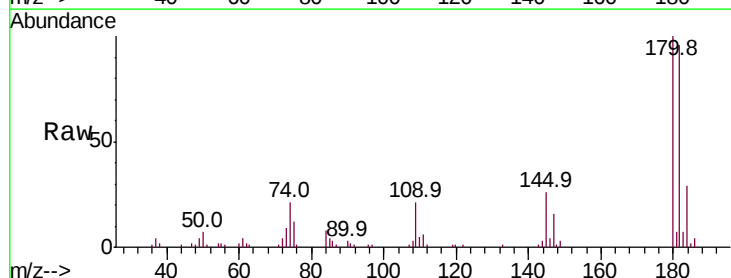
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 37.496 ng
 RT: 10.68 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.9	78.1	117.1
145	25.9	23.1	34.7

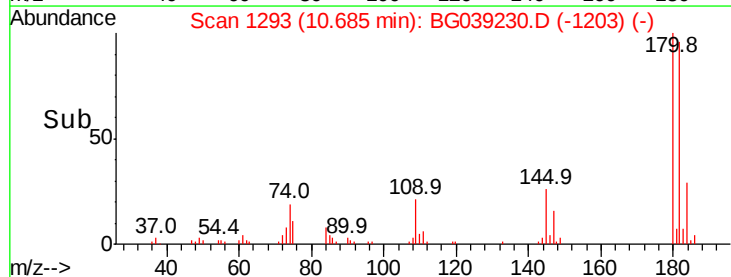
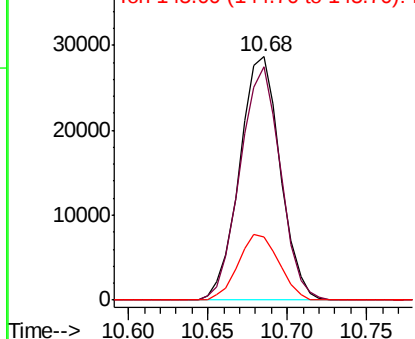


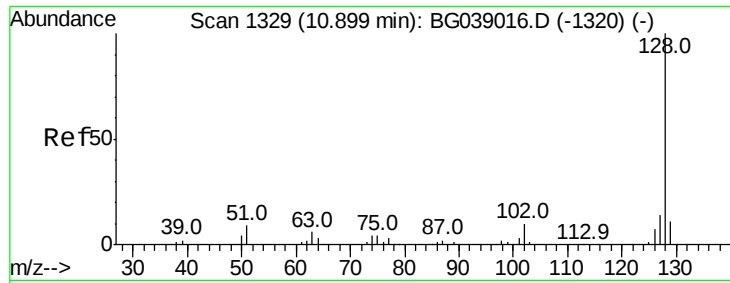
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





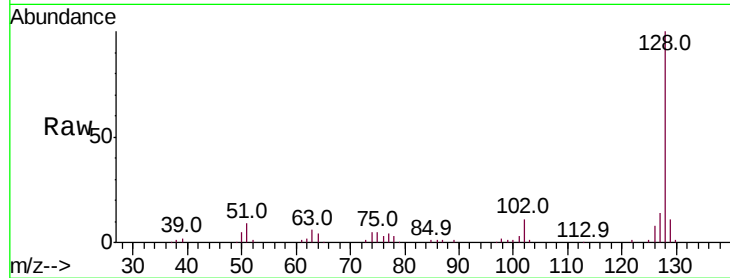
#31
Naphthalene
Concen: 40.570 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB116511BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.1	13.7
127	13.6	11.2	16.8

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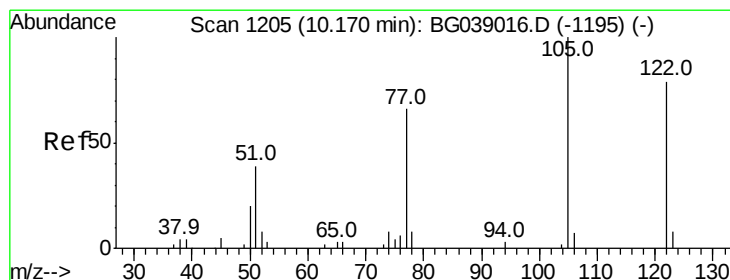
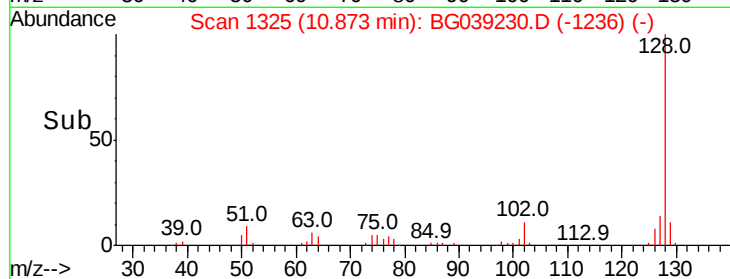
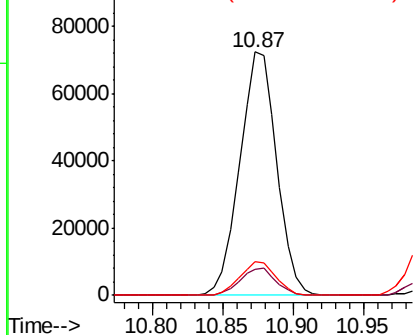


Abundance

Ion 128.00 (127.70 to 128.70): E

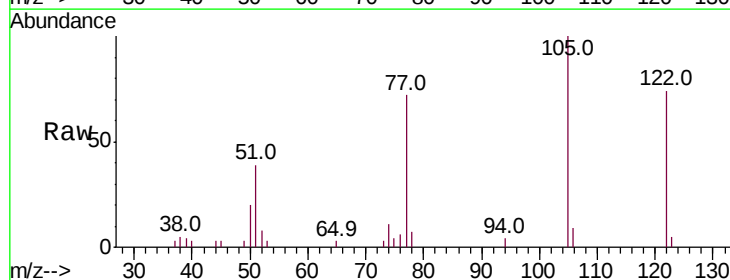
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 39.437 ng m
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.7	106.4	146.4
77	97.2	63.6	103.6

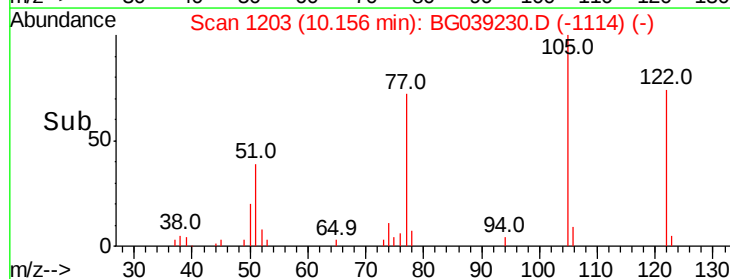
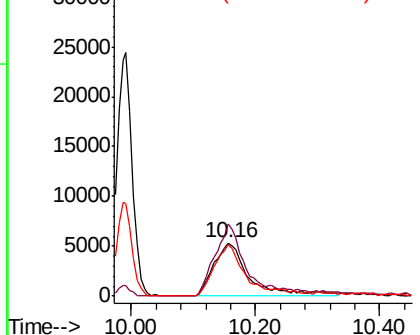


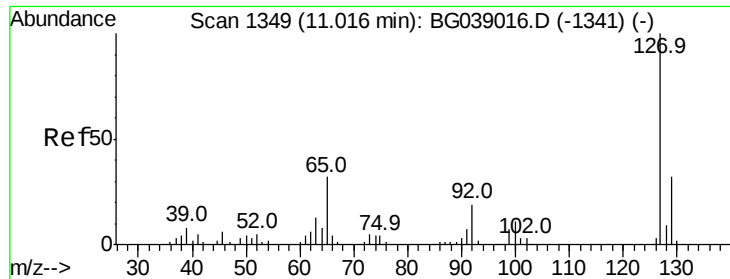
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





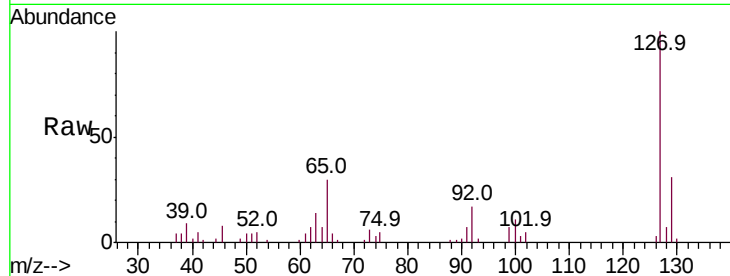
#33
4-Chloroaniline
Concen: 23.766 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampled :
PB116511BS

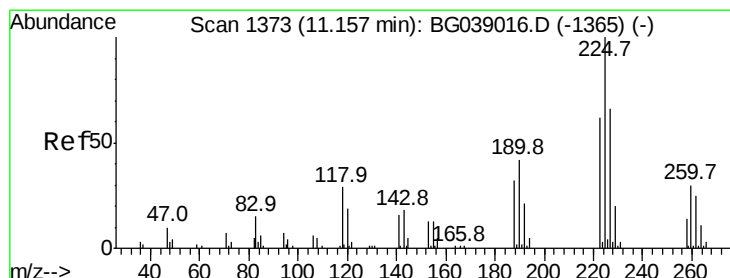
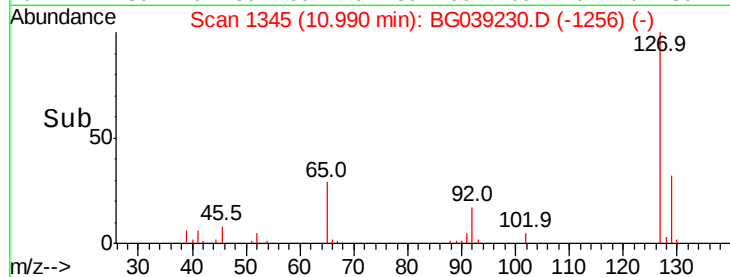
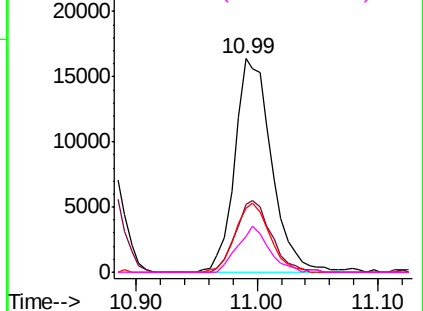
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.4	38.0
65	30.2	25.4	38.0
92	16.7	15.2	22.8

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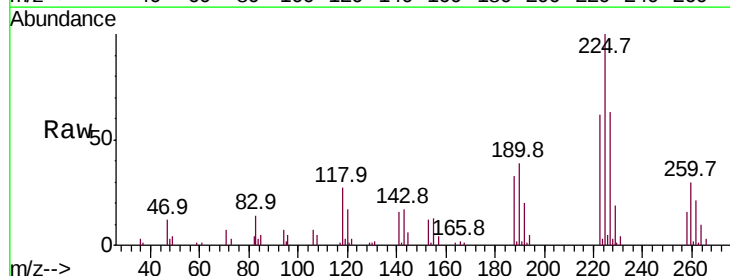


Abundance Ion 127.00 (126.70 to 127.70): E
25000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

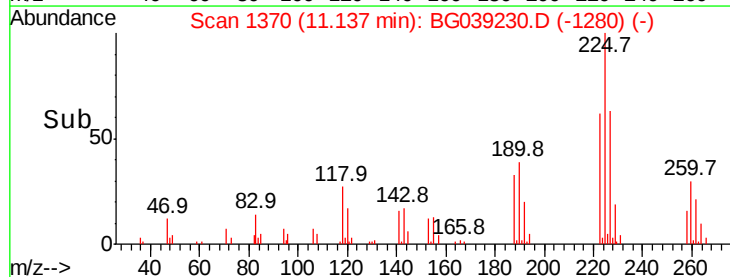
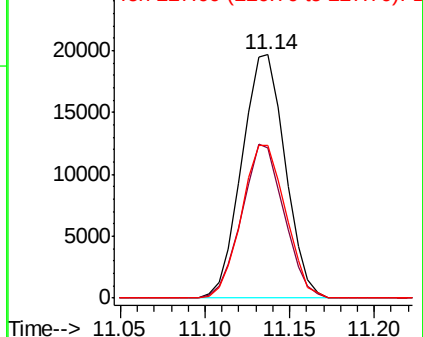


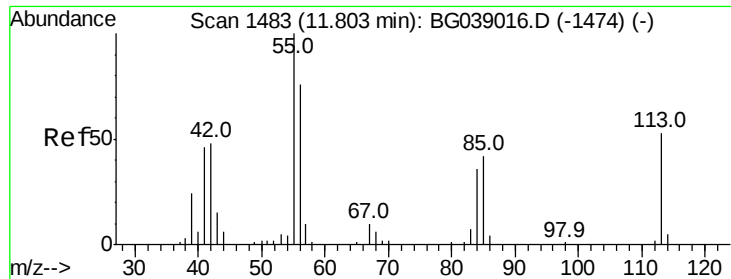
#34
Hexachlorobutadiene
Concen: 37.372 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.2	75.4
227	65.7	53.2	79.8



Abundance Ion 225.00 (224.70 to 225.70): E
25000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.831 ng/mL

RT: 11.78 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleID :

PB116511BS

Tot Ion:113 Resp: 17695

Ion Ratio Lower Upper

113 100

55 191.3 168.6 208.6

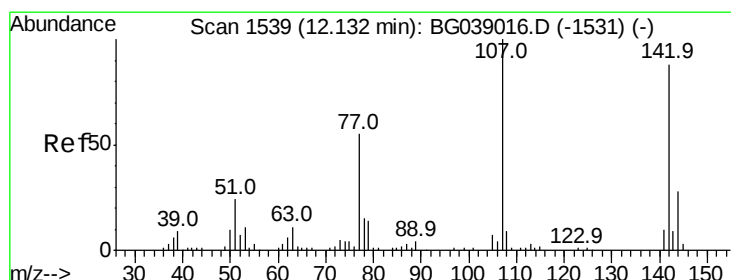
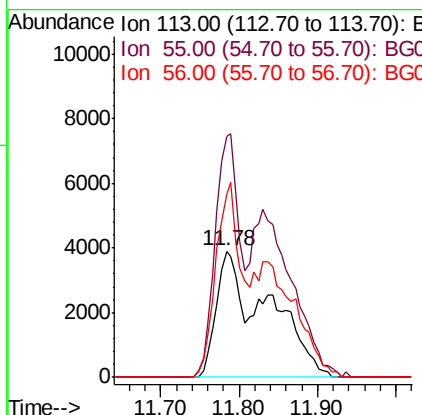
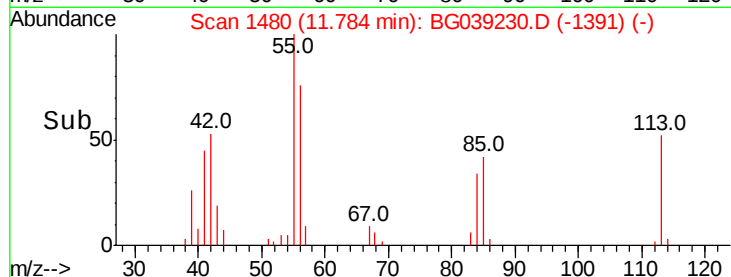
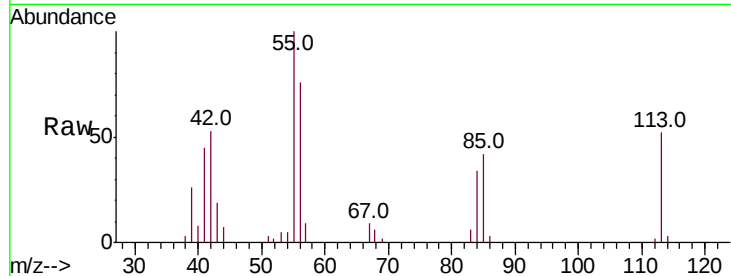
56 145.4 123.2 163.2

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1/22/2019 10:00:13 AM



#36

4-Chloro-3-methylphenol

Concen: 43.560 ng/mL

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

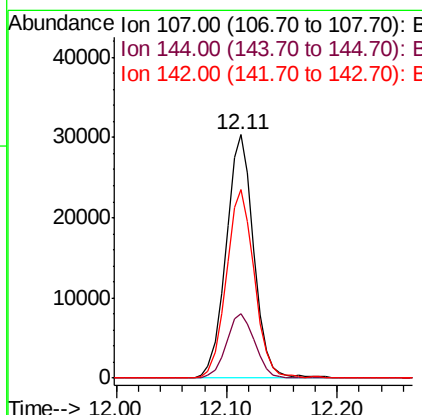
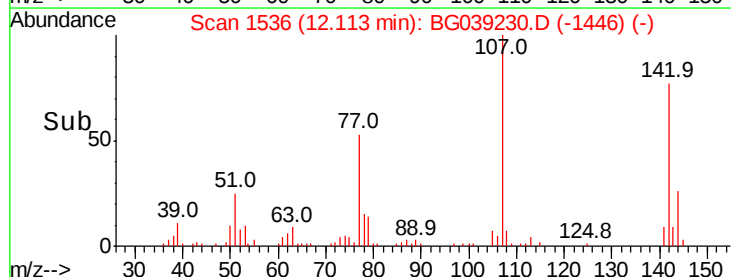
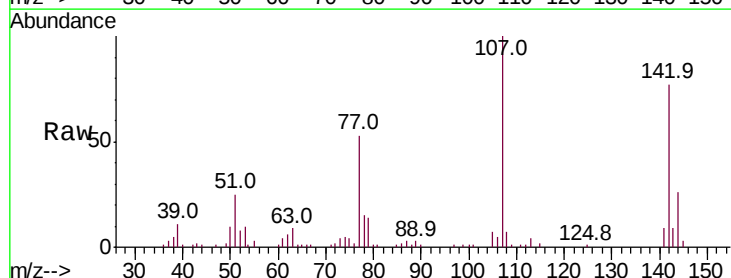
Tgt Ion:107 Resp: 52944

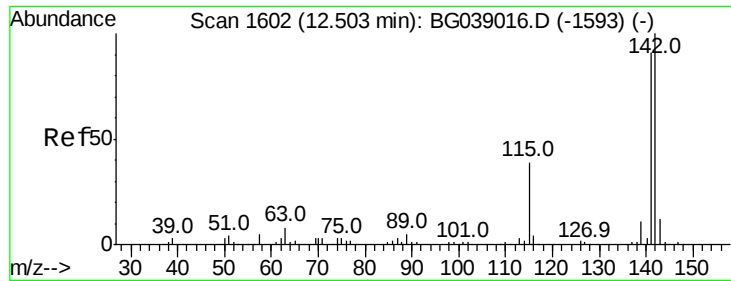
Ion Ratio Lower Upper

107 100

144 26.4 22.6 34.0

142 77.3 70.2 105.4





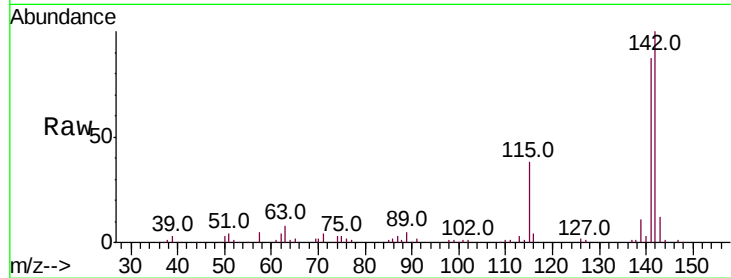
#37
2-Methylnaphthalene
Concen: 42.192 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB116511BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	72.6	109.0
115	38.5	31.1	46.7

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1/22/2019 10:00:13 AM

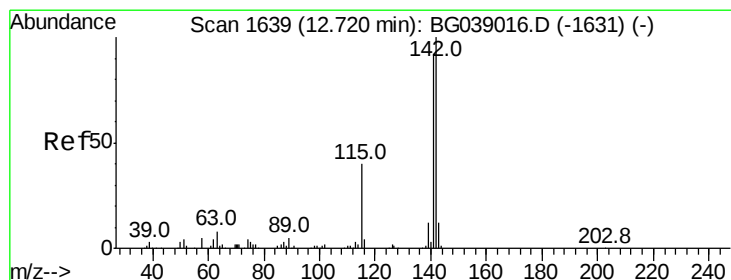
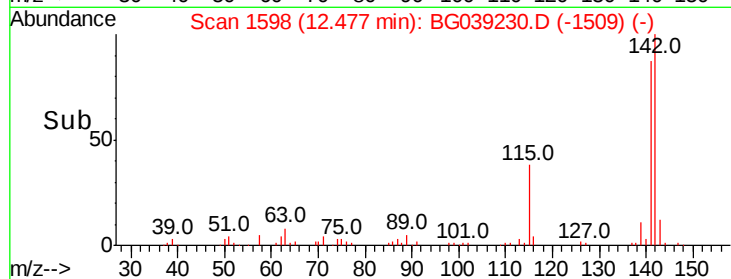
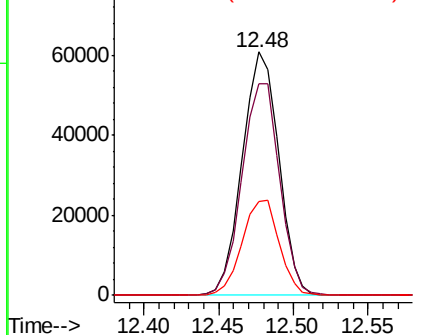


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.411 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

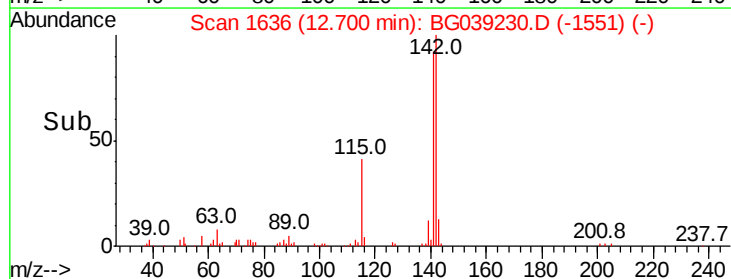
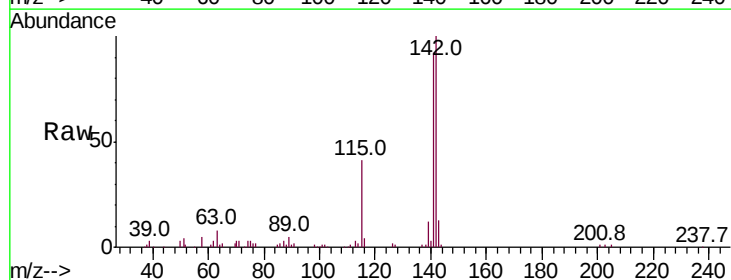
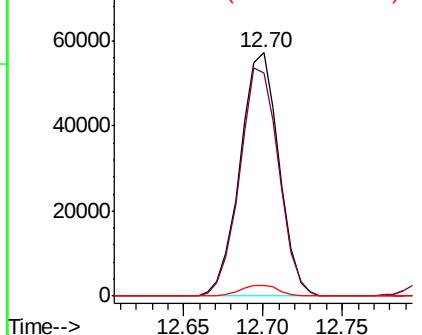
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.3	109.9
116	4.4	3.1	4.7

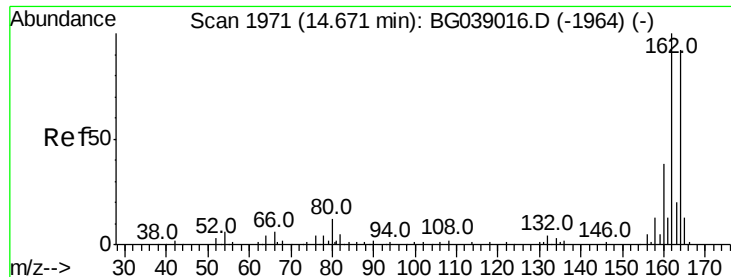
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





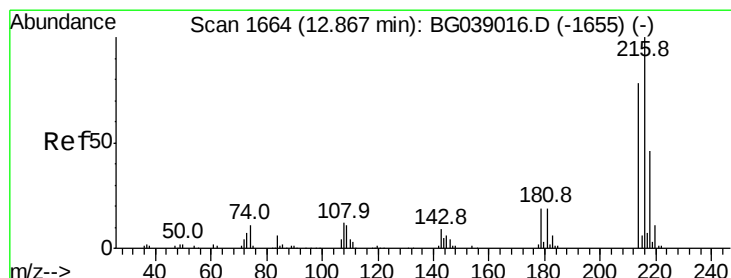
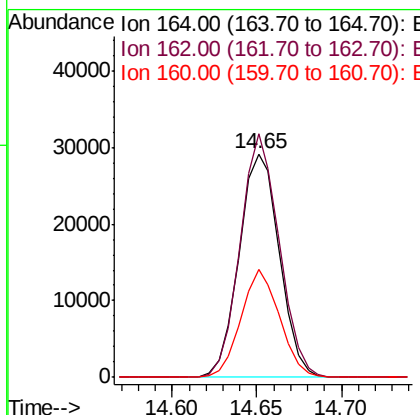
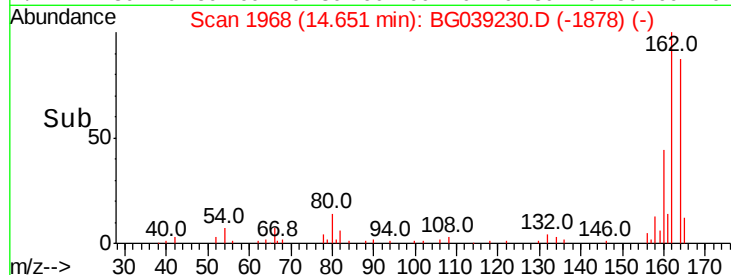
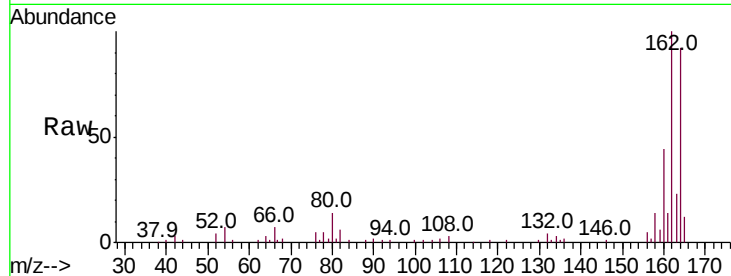
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB116511BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	109.0	87.2	130.8
160	48.4	33.3	49.9

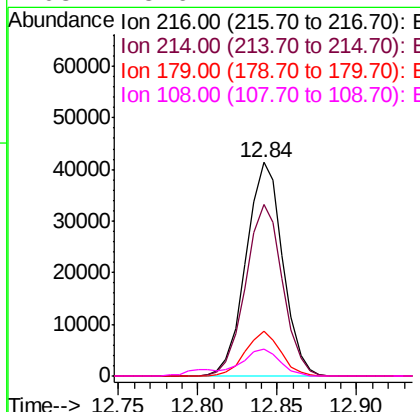
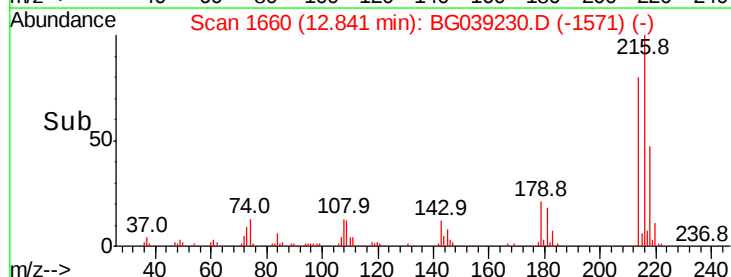
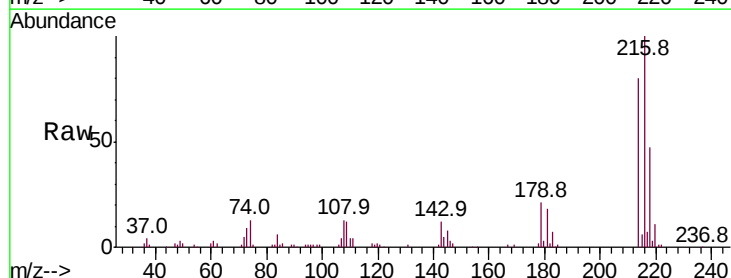
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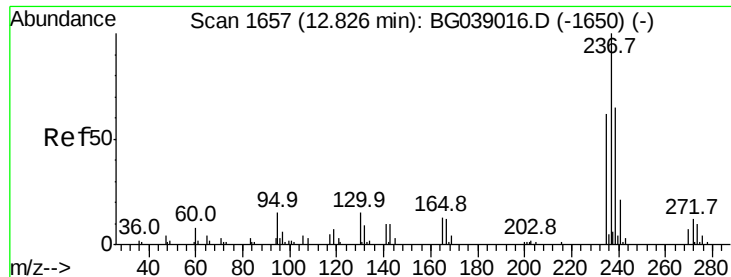
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.662 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.4	95.2
179	19.9	15.5	23.3
108	15.6	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 70.949 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

Tot Ion:237 Resp: 71640

Ion Ratio Lower Upper

237 100

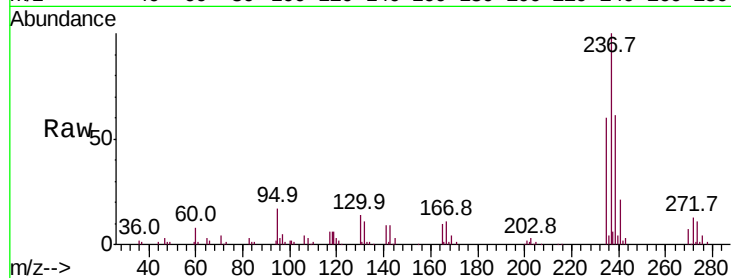
235 60.4 41.7 81.7

272 12.8 0.0 32.1

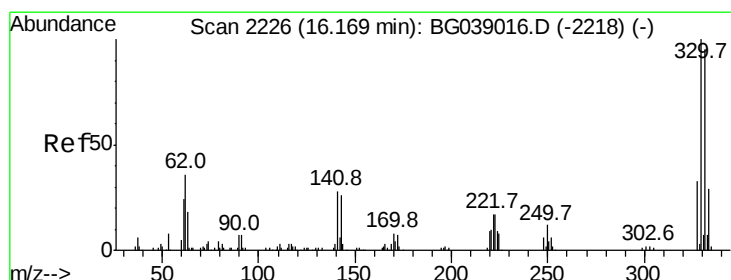
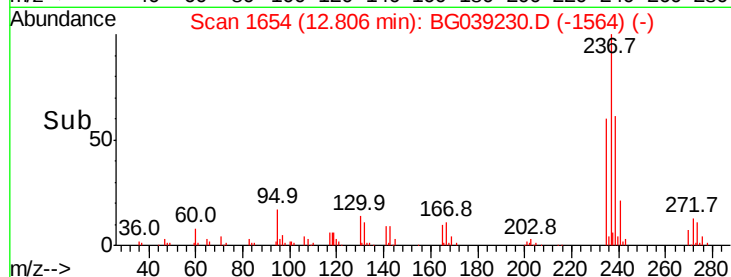
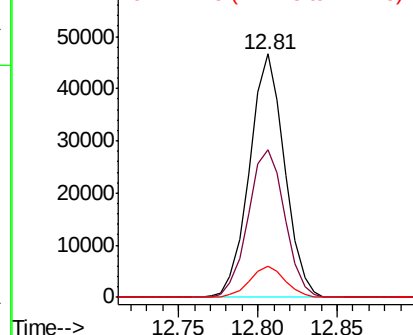
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 143.726 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

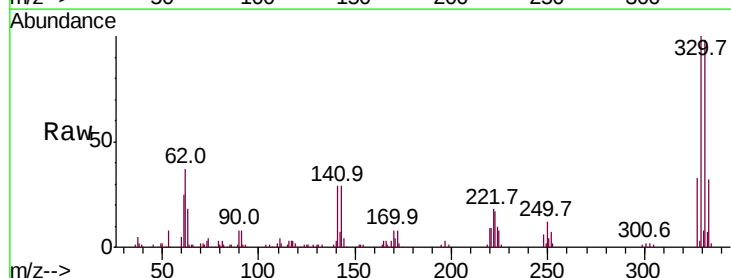
Tgt Ion:330 Resp: 116157

Ion Ratio Lower Upper

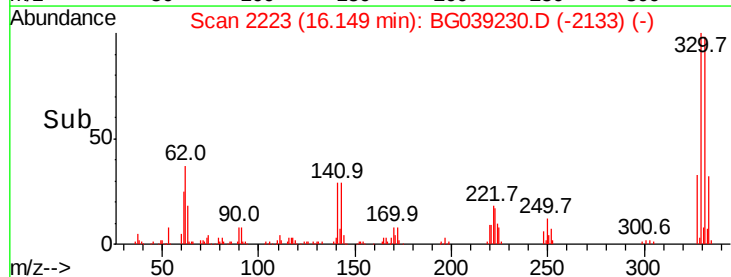
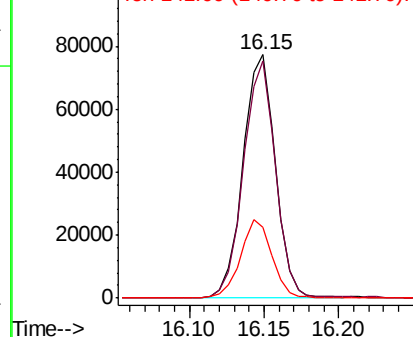
330 100

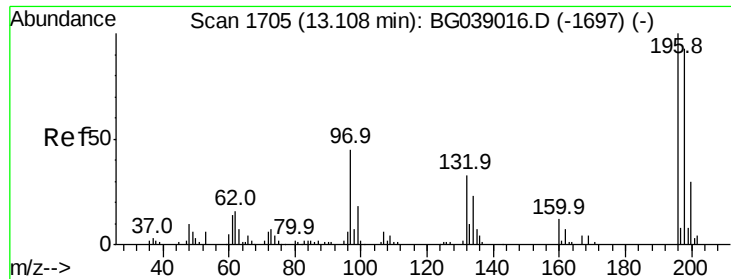
332 97.0 75.7 113.5

141 31.3 24.9 37.3



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: 41.130 ng

RT: 13.09 min Scan# 1702

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampled :

PB116511BS

Tot Ion:196 Resp: 46872

Ion Ratio Lower Upper

196 100

198 94.6 74.5 111.7

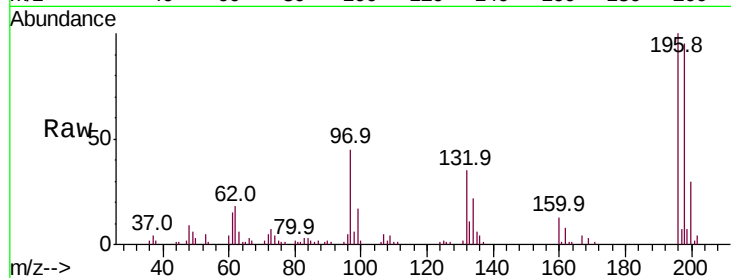
200 29.8 23.8 35.6

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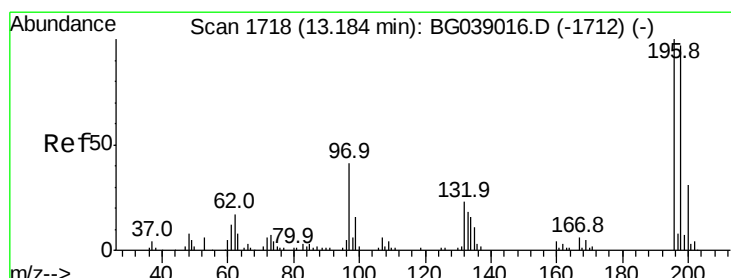
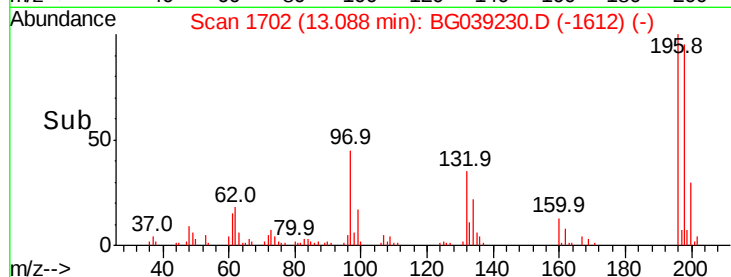
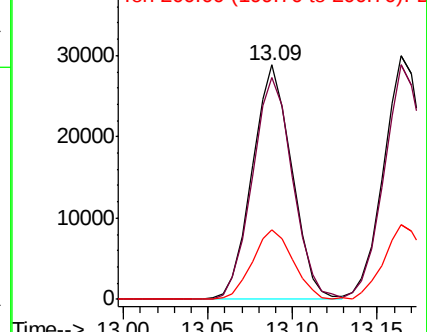


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 43.431 ng

RT: 13.16 min Scan# 1715

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Tgt Ion:196 Resp: 52311

Ion Ratio Lower Upper

196 100

198 96.2 78.1 117.1

97 41.5 33.2 49.8

132 22.4 18.2 27.4

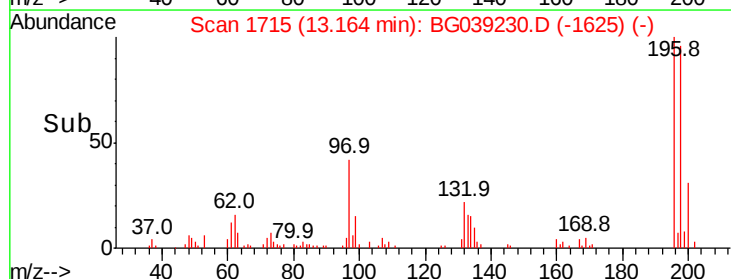
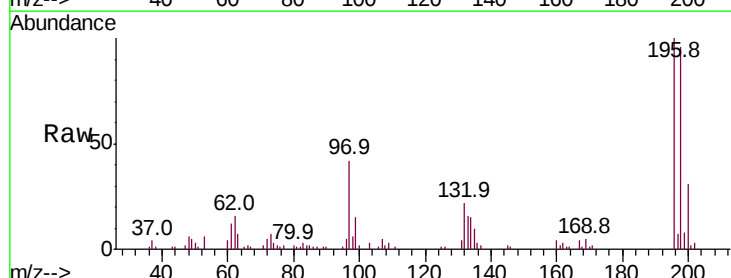
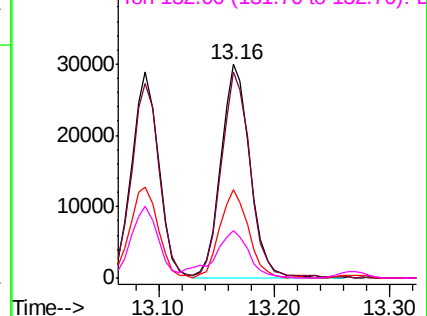
Abundance

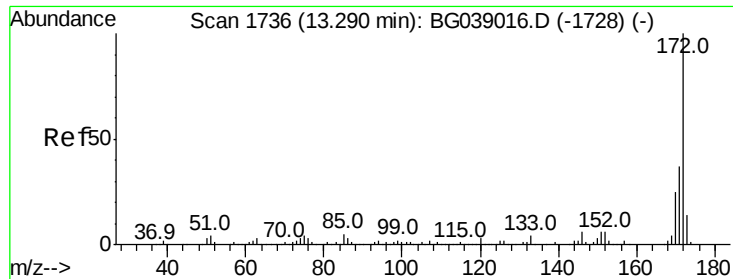
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





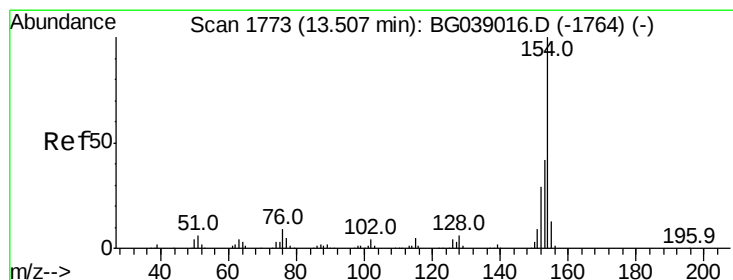
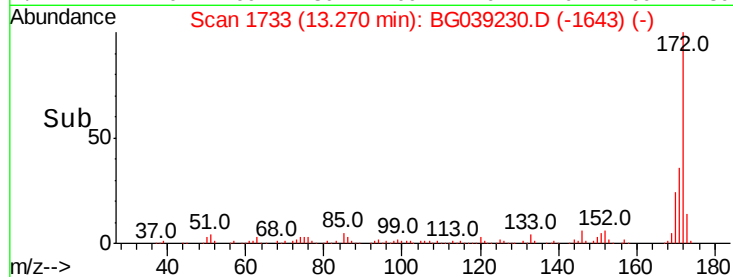
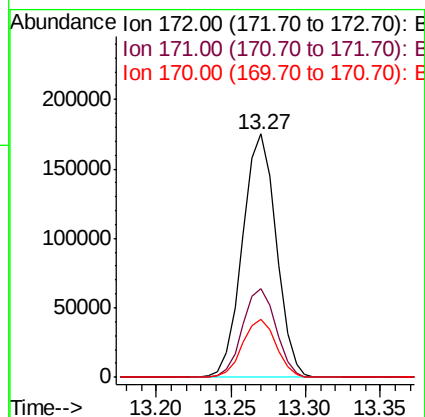
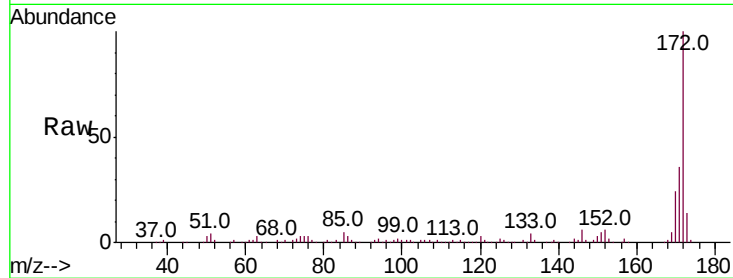
#45
 2-Fluorobiphenyl
 Concen: 77.768 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

Tot Ion:	172	Resp:	273967
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.4	44.0
170	23.9	20.1	30.1

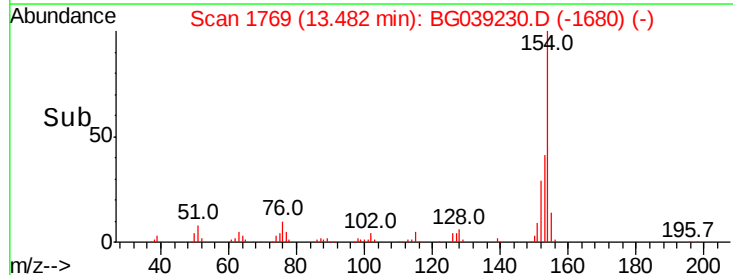
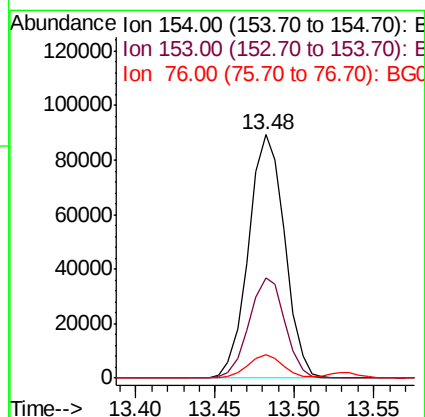
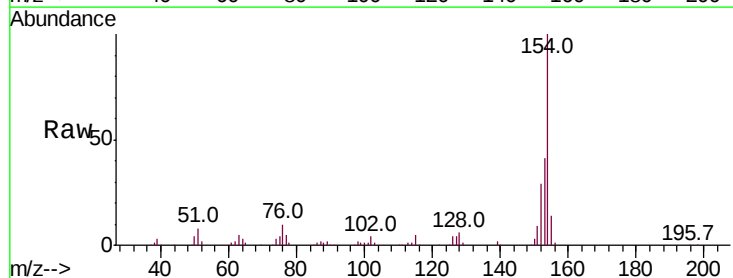
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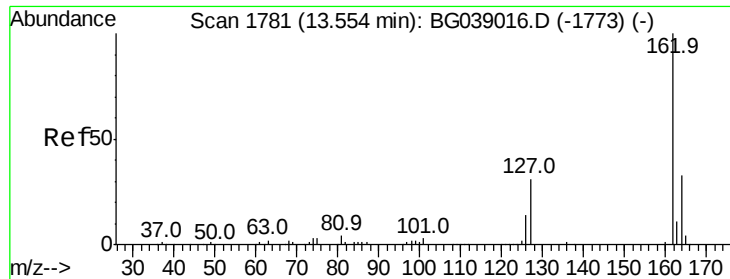
Sohil
 1/22/2019 10:00:13 AM



#46
 1,1'-Biphenyl
 Concen: 36.996 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion:	154	Resp:	141337
Ion Ratio	Lower	Upper	
154	100		
153	41.3	22.4	62.4
76	9.6	0.0	29.4





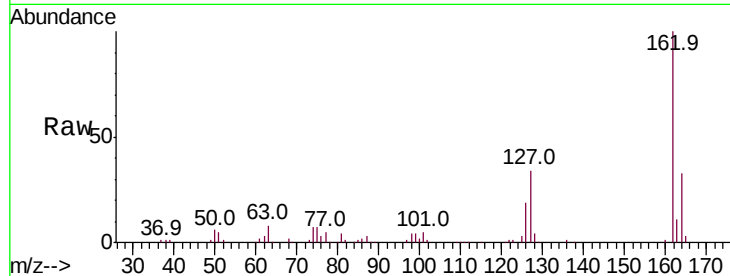
#47
2-Chloronaphthalene
Concen: 37.458 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB116511BS

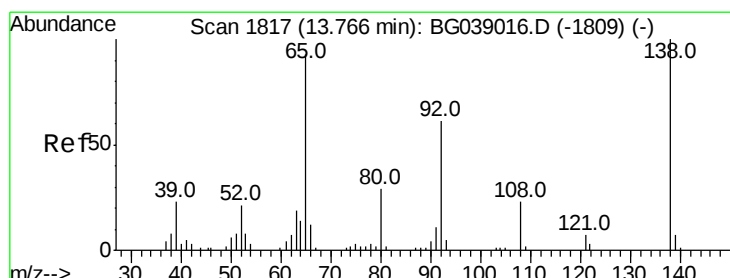
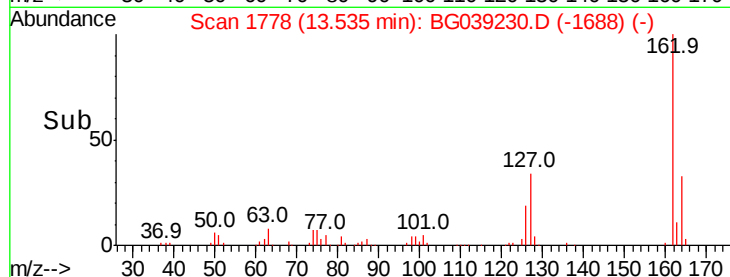
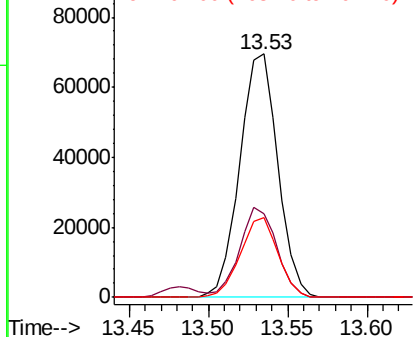
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	34.4	28.4	42.6	
164	32.5	26.3	39.5	

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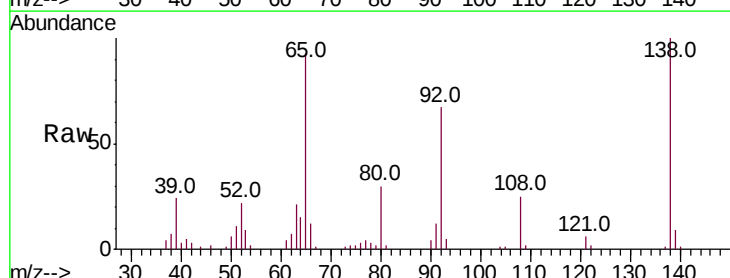


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

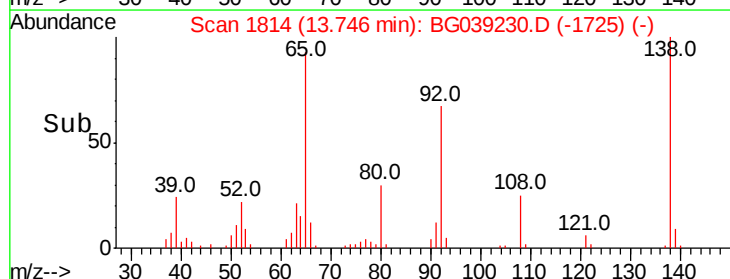
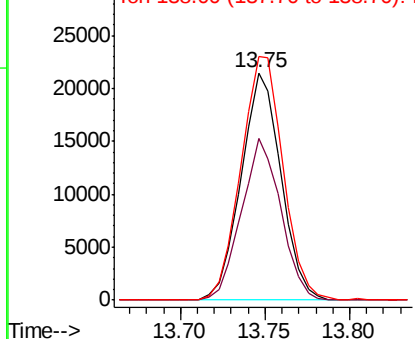


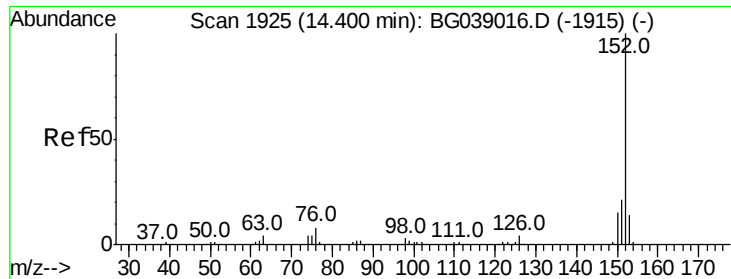
#48
2-Nitroaniline
Concen: 40.656 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.3	52.2	78.4	
138	107.1	86.0	129.0	



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





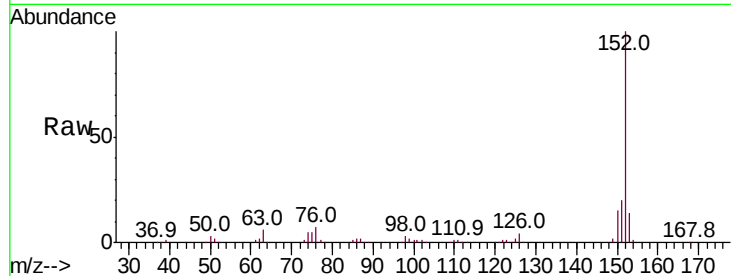
#49
Acenaphthylene
Concen: 40.322 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB116511BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.0	25.4
153	14.0	11.2	16.8

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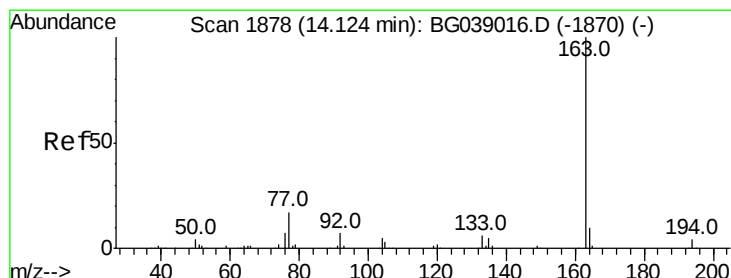
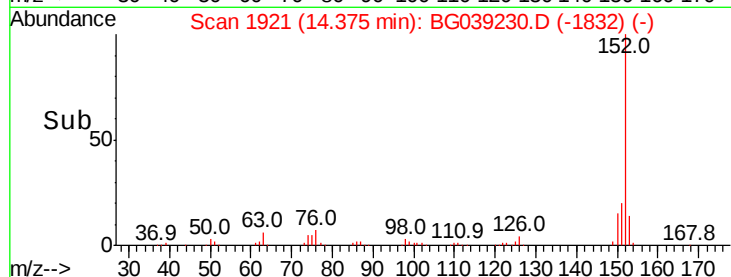
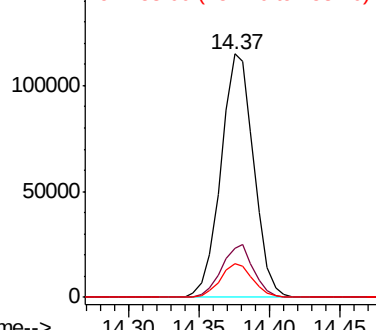


Abundance

Ion 152.00 (151.70 to 152.70): E

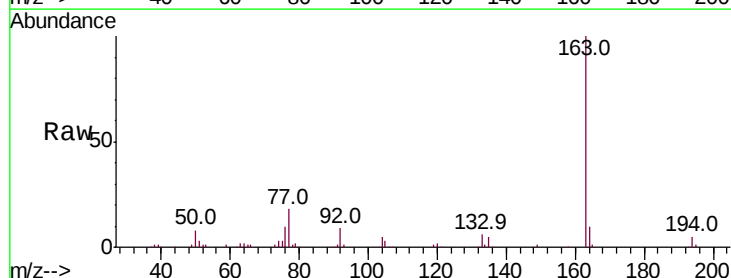
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 39.837 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.0	8.2	12.2

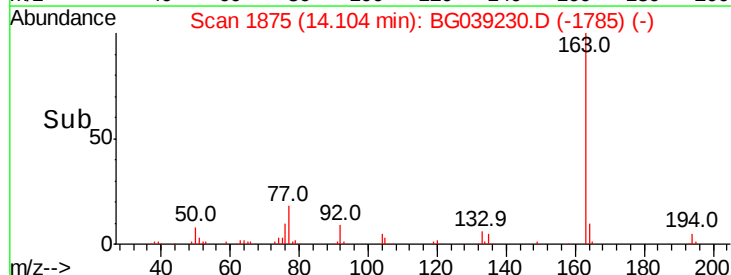
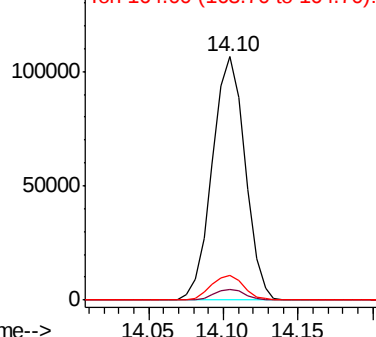


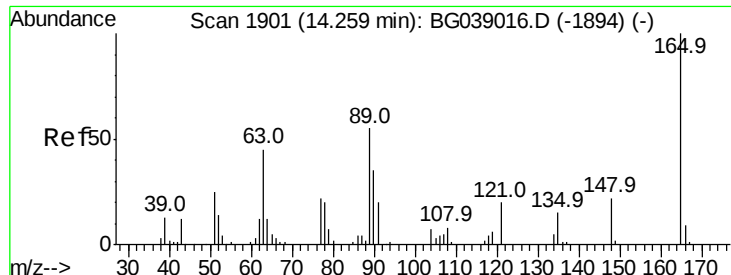
Abundance

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





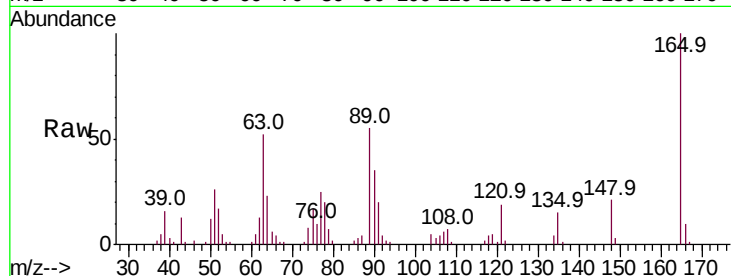
#51
 2,6-Dinitrotoluene
 Concen: 40.958 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

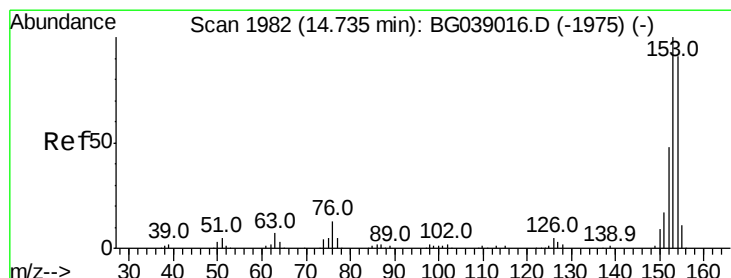
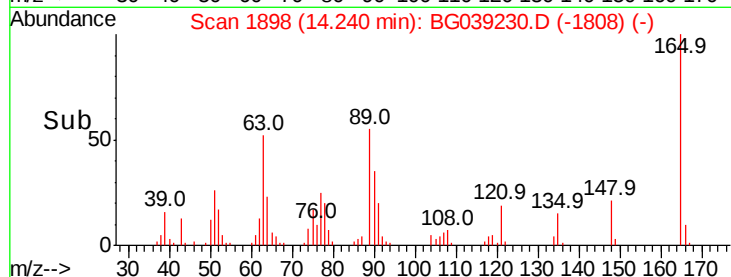
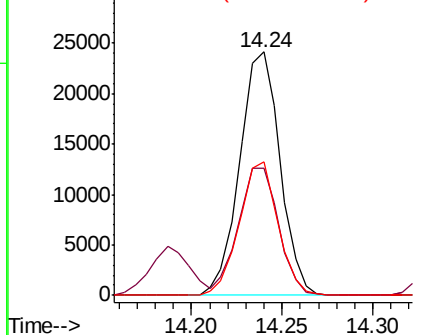
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.3	43.6	65.4
89	54.6	43.7	65.5

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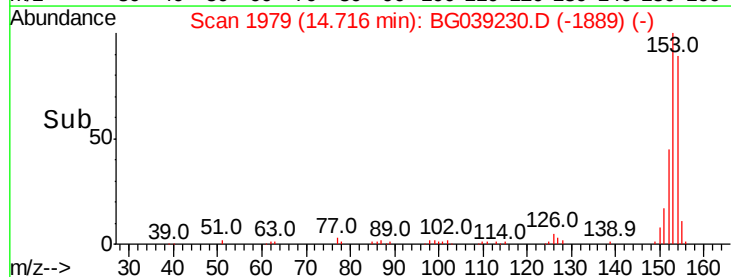
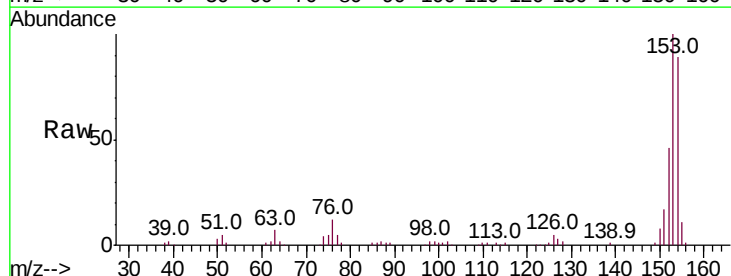
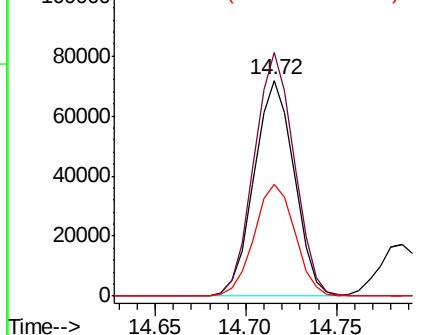
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

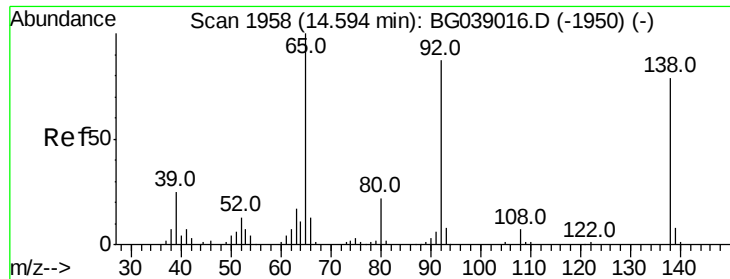


#52
 Acenaphthene
 Concen: 39.550 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	87.9	131.9
152	52.0	42.2	63.2

Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





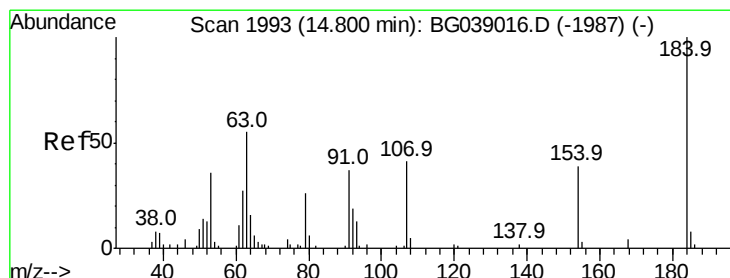
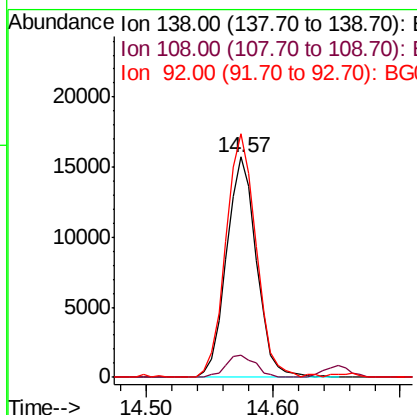
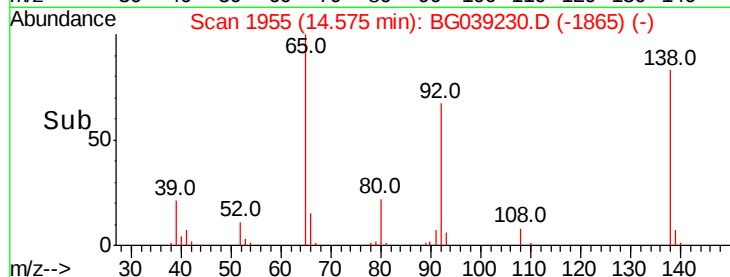
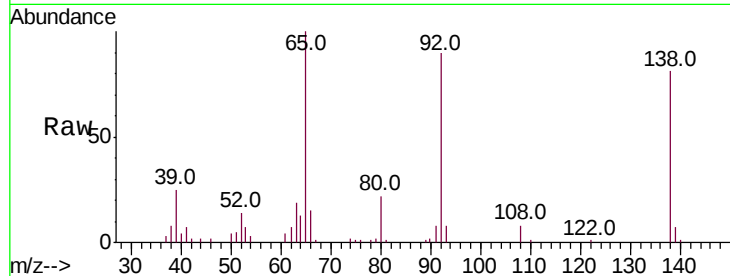
#53
 3-Nitroaniline
 Concen: 27.724 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

Tot Ion:138	Resp:	25618
Ion Ratio	Lower	Upper
138	100	
108	9.9	7.4 11.0
92	110.6	88.2 132.4

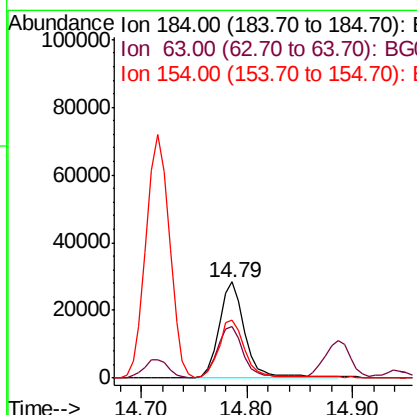
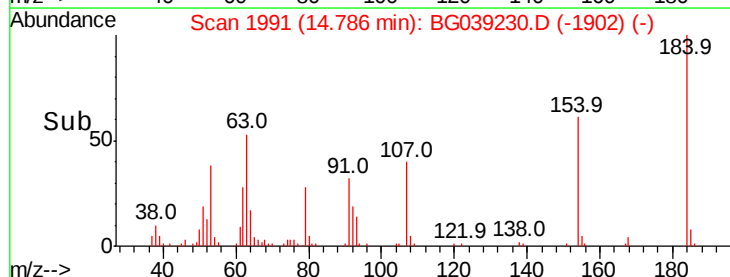
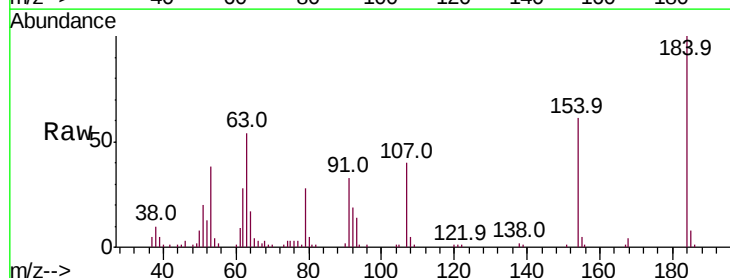
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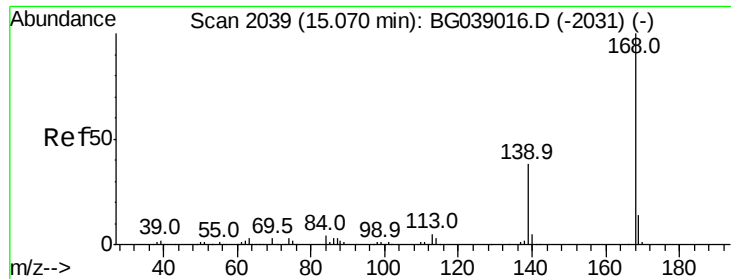
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#54
 2,4-Dinitrophenol
 Concen: 89.466 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion:184	Resp:	49095
Ion Ratio	Lower	Upper
184	100	
63	54.2	44.0 66.0
154	61.1	46.1 69.1





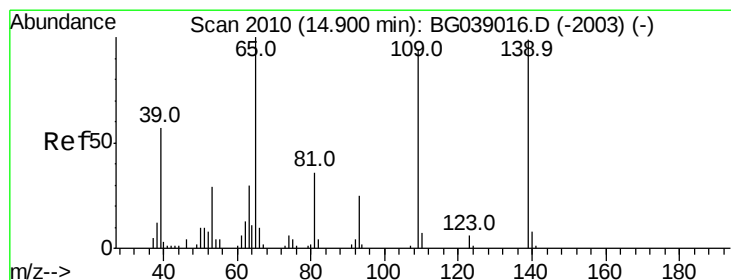
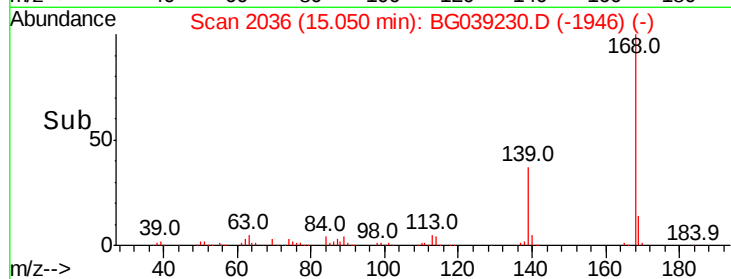
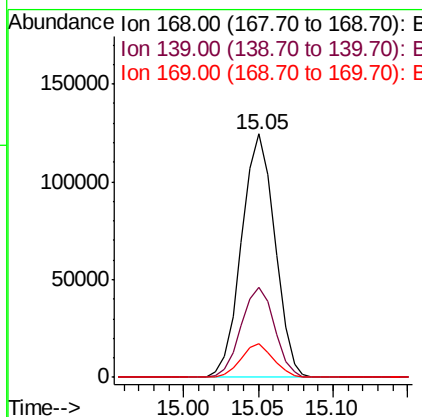
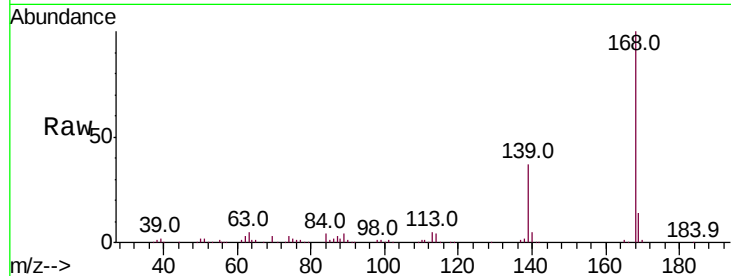
#55
Dibenzenofuran
Concen: 39.047 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB116511BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.1	45.1
169	13.9	10.9	16.3

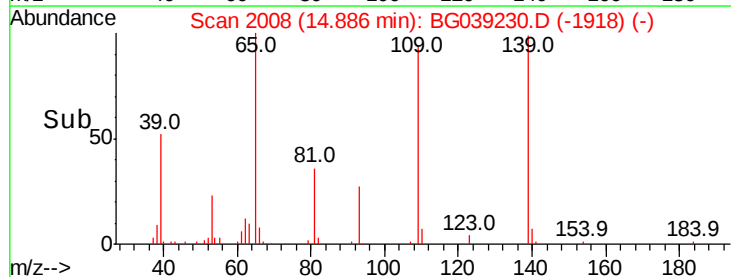
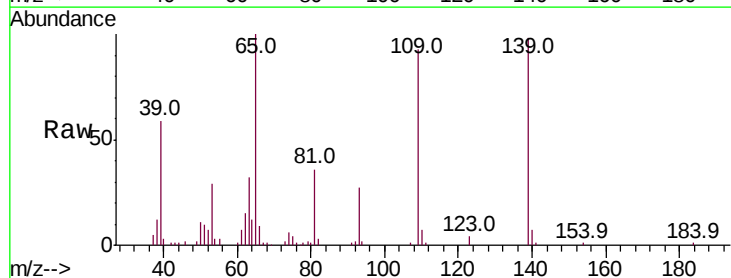
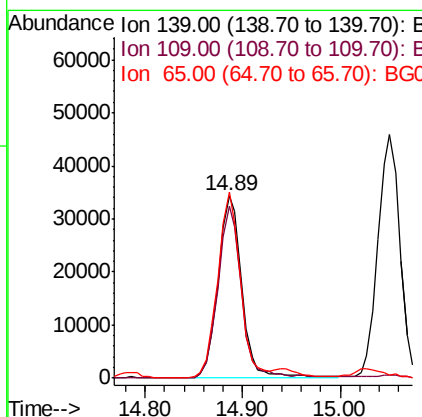
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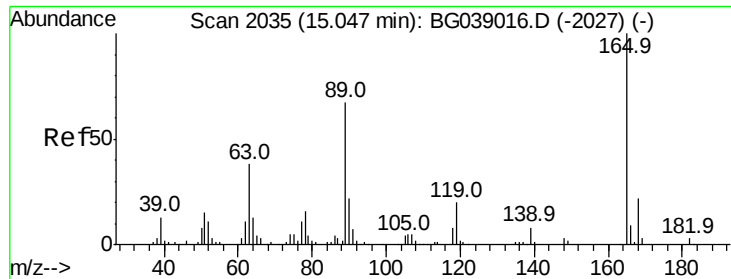
Sohil
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#56
4-Nitrophenol
Concen: 87.907 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.4	75.6	115.6
65	101.8	81.2	121.2





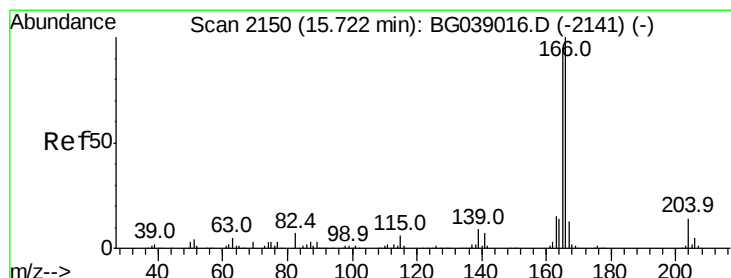
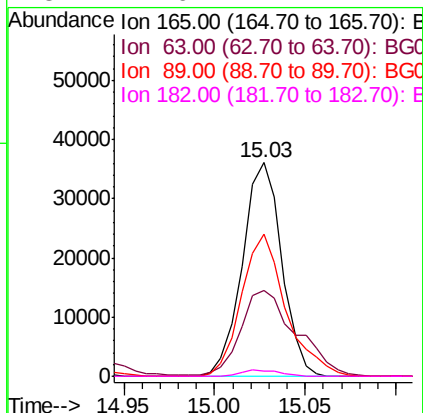
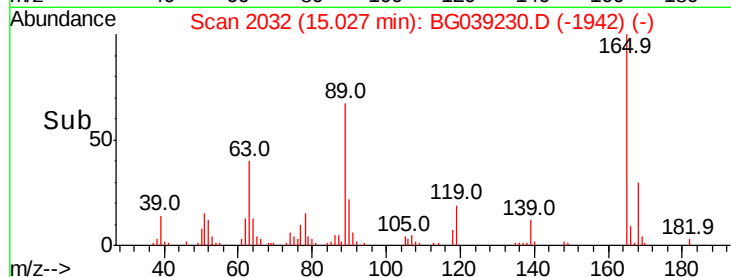
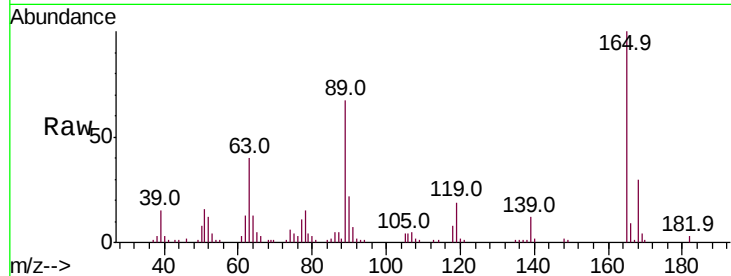
#57
2,4-Dinitrotoluene
Concen: 41.681 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampled :
PB116511BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.4	30.2	45.4
89	66.7	53.2	79.8
182	2.6	2.7	4.1#

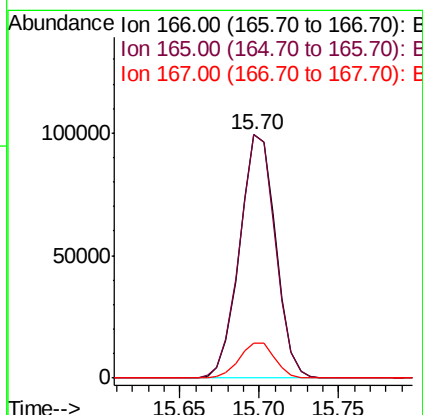
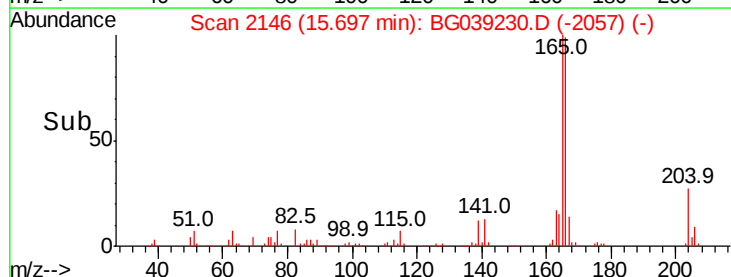
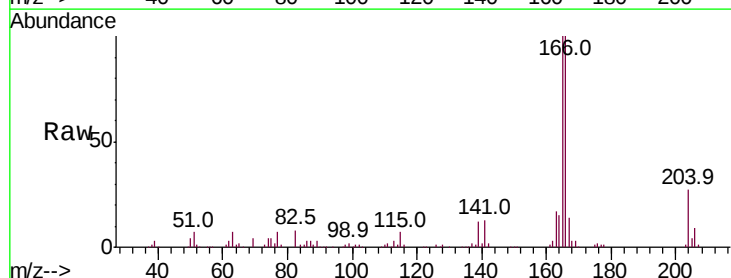
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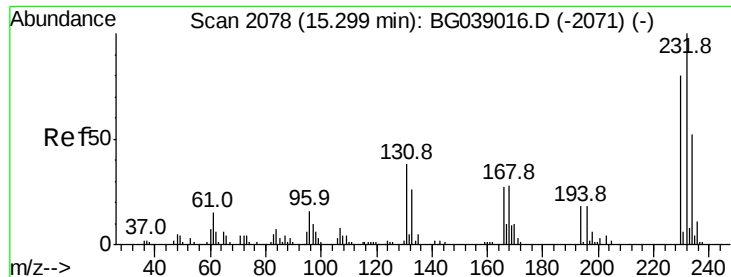
Sohil
1/22/2019 10:00:13 AM



#58
Fluorene
Concen: 42.155 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	76.2	114.2
167	14.3	10.6	16.0





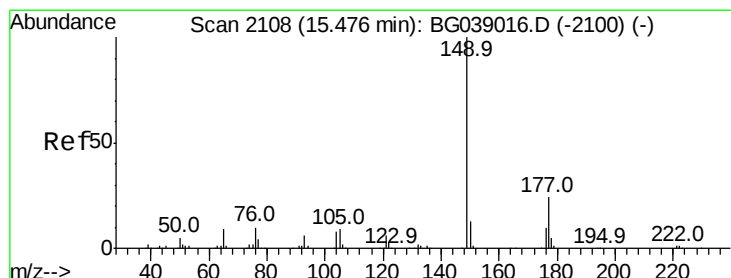
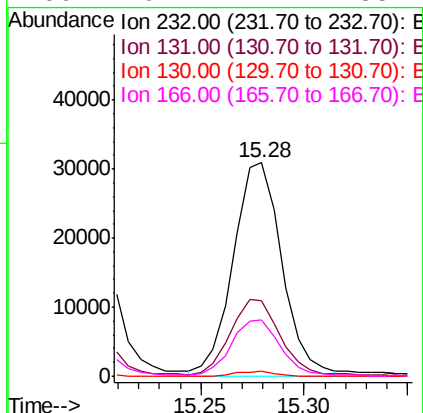
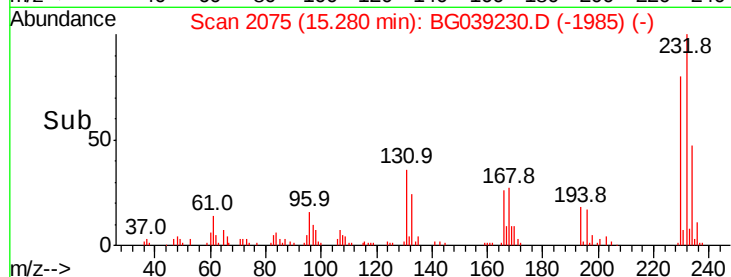
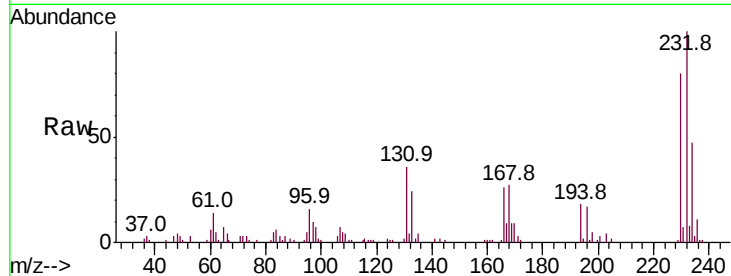
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.717 ng/ml
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	31.8	30.9	46.3
130	2.0	1.9	2.9
166	20.7	22.1	33.1#

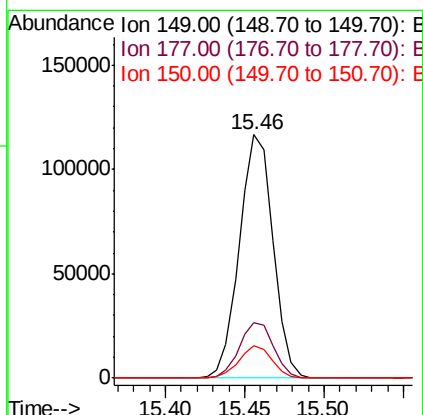
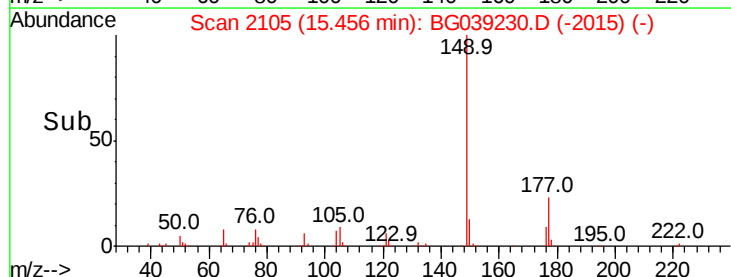
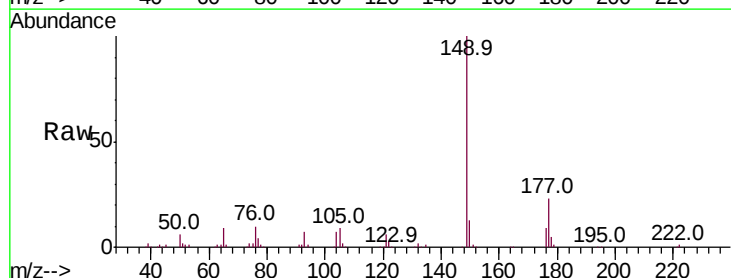
Manual Integrations
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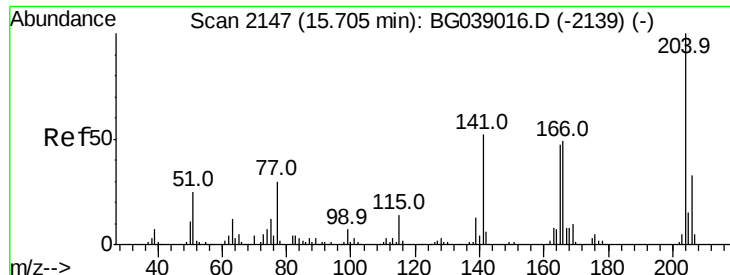
Sohil
 1/22/2019 10:00:13 AM



#60
 Diethylphthalate
 Concen: 40.924 ng/ml
 RT: 15.46 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	19.0	28.6
150	13.2	10.2	15.4





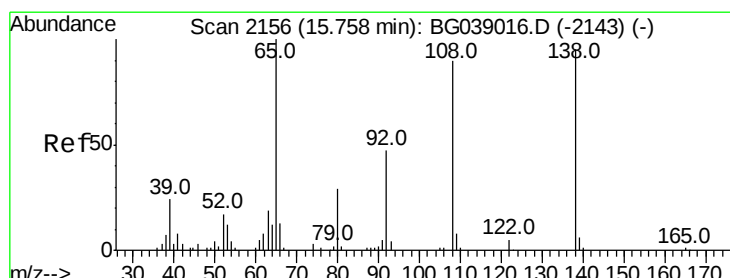
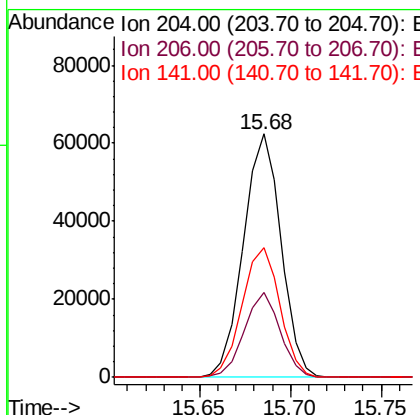
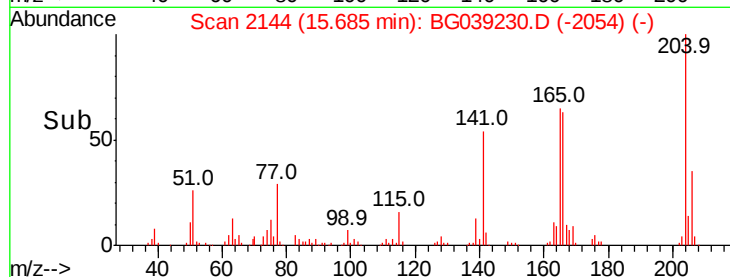
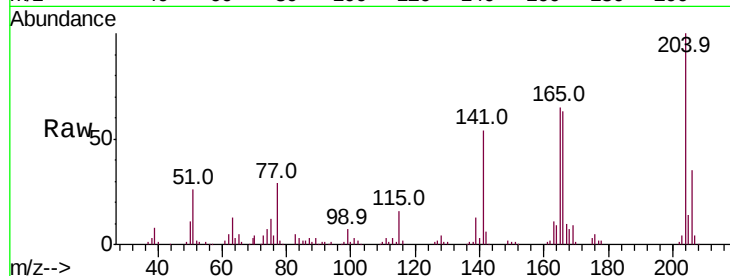
#61
4-Chlorophenyl-phenylether
Concen: 38.471 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampled :
PB116511BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	26.6	39.8
141	53.5	41.4	62.0

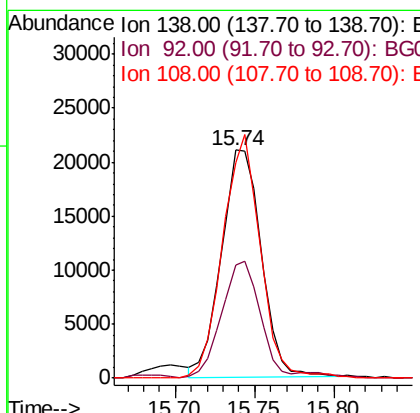
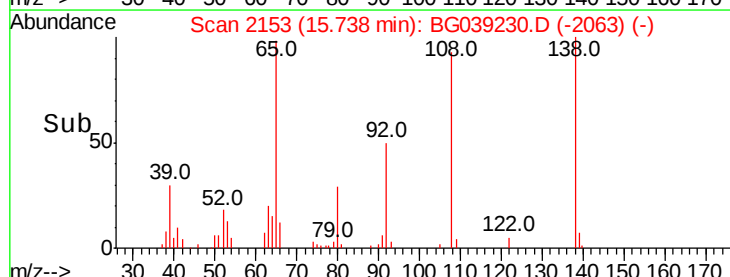
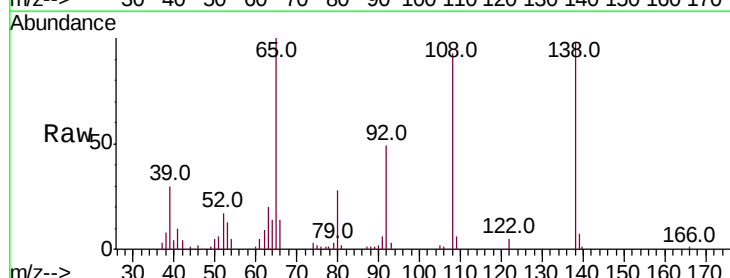
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#62
4-Nitroaniline
Concen: 37.890 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	29.7	69.7
108	94.4	75.7	115.7





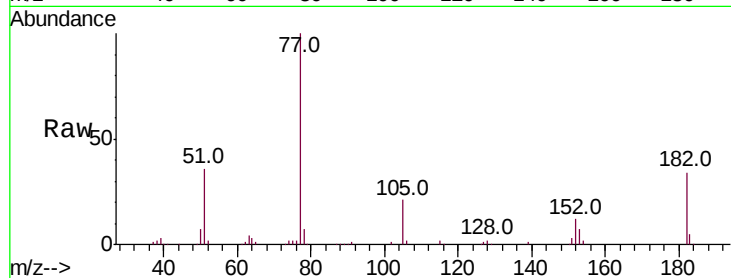
#63
Azobenzene
Concen: 39.949 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB116511BS

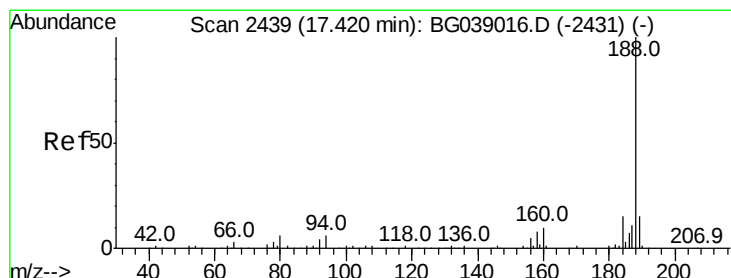
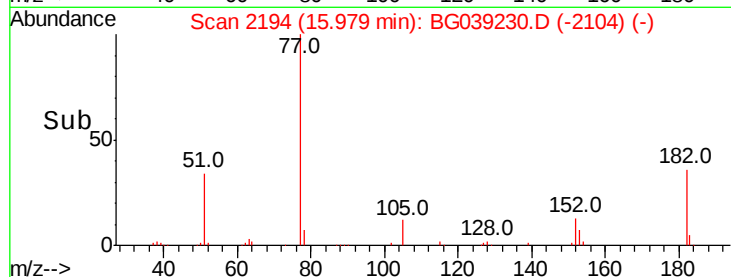
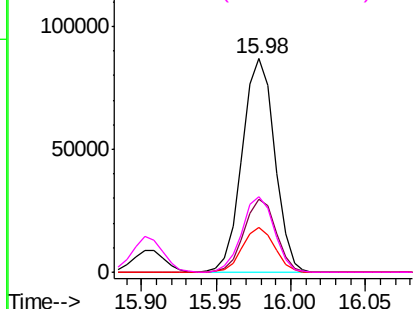
Tot Ion	Ratio	Lower	Upper
77	100		
182	34.1	12.2	52.2
105	20.7	1.2	41.2
51	35.7	13.4	53.4

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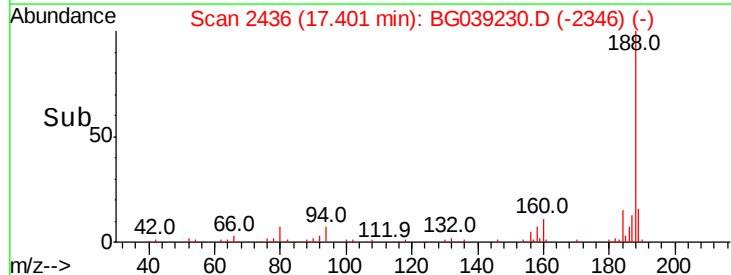
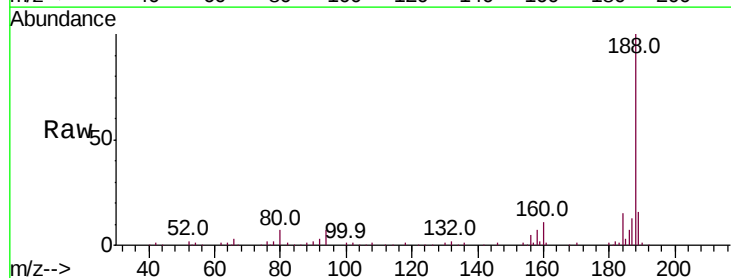
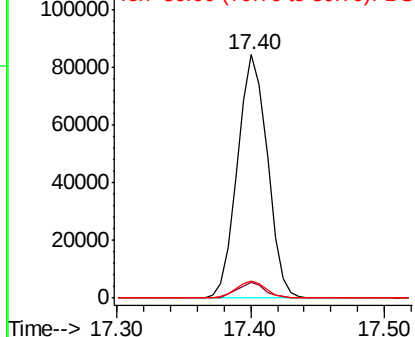
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

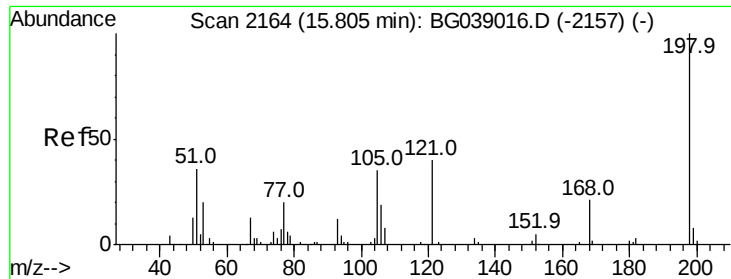


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.0	7.4
80	7.1	4.7	7.1

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





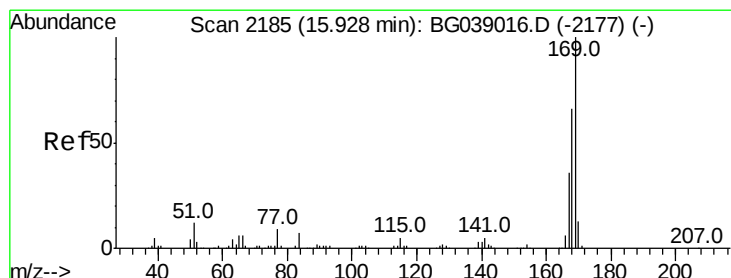
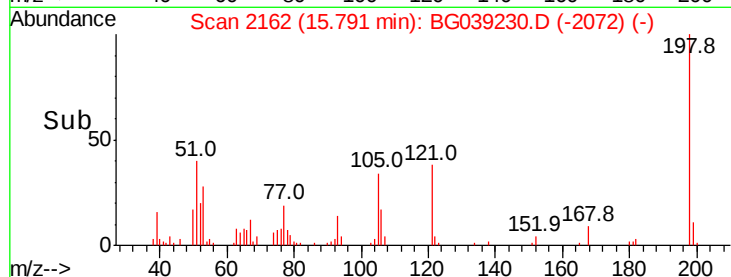
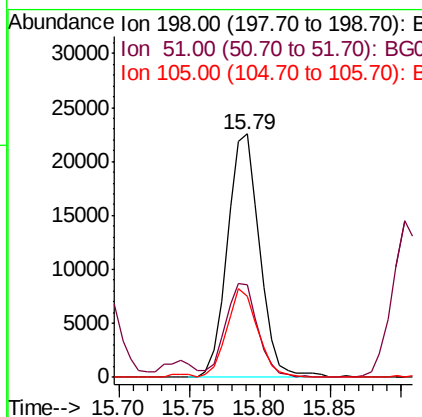
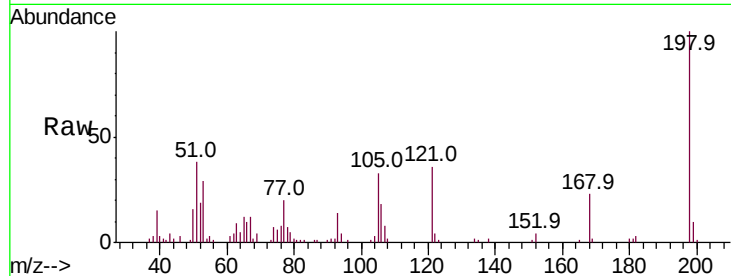
#65
4,6-Dinitro-2-methylphenol
Concen: 36.840 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB116511BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	35721		
51	38.2	20.8	60.8	
105	33.3	16.1	56.1	

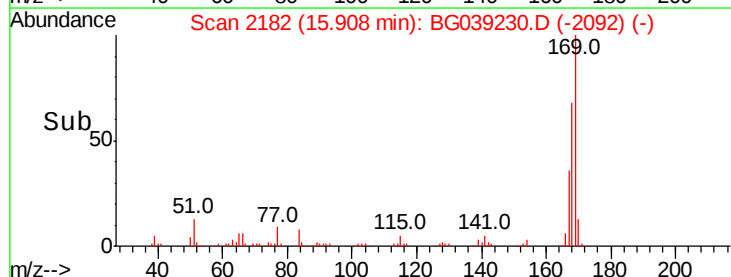
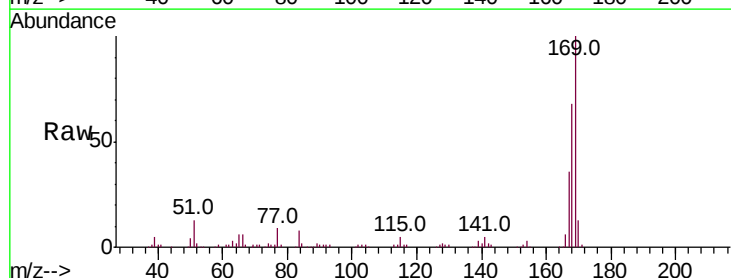
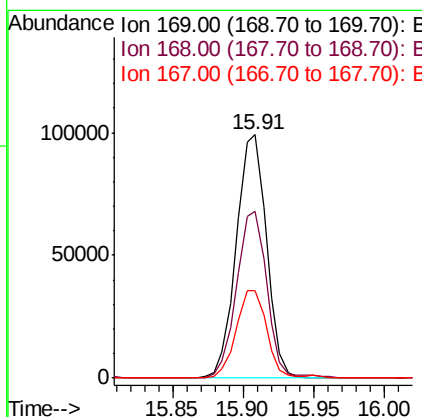
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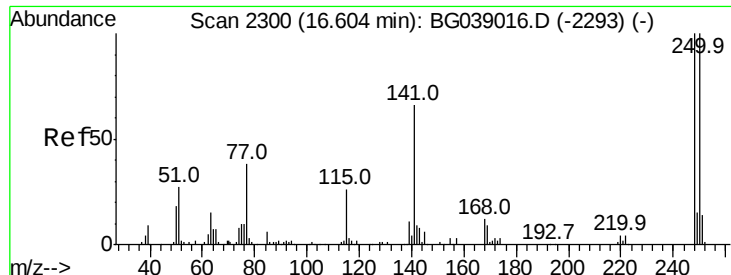
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#66
n-Nitrosodiphenylamine
Concen: 38.204 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	148226		
168	68.4	53.2	79.8	
167	35.7	29.1	43.7	





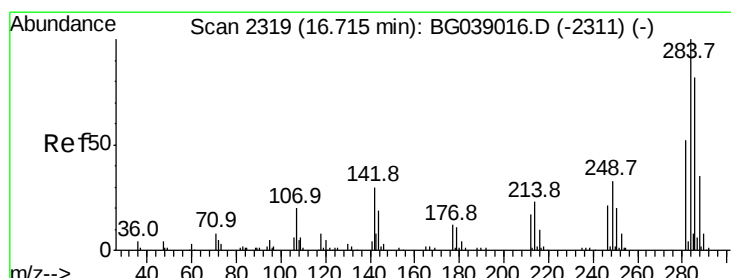
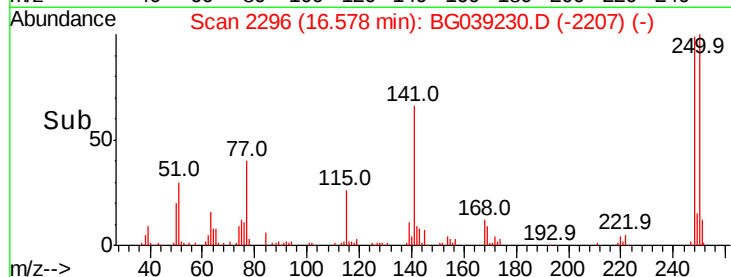
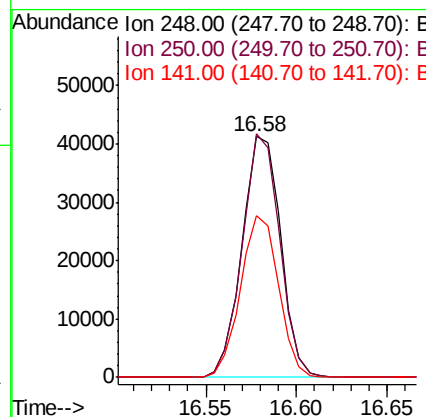
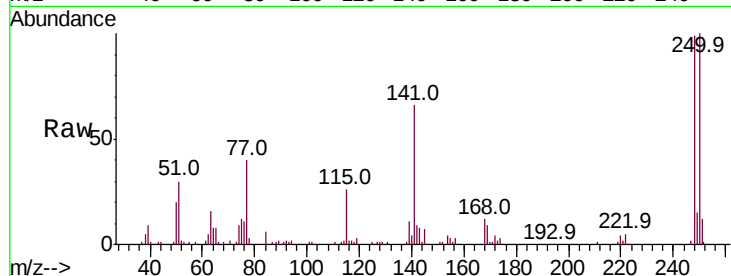
#67
 4-Bromophenyl-phenylether
 Concen: 36.491 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. -0.01 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Instrument :
 BNA_G
 ClientSampleID :
 PB116511BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.2	79.9	119.9
141	67.2	52.7	79.1

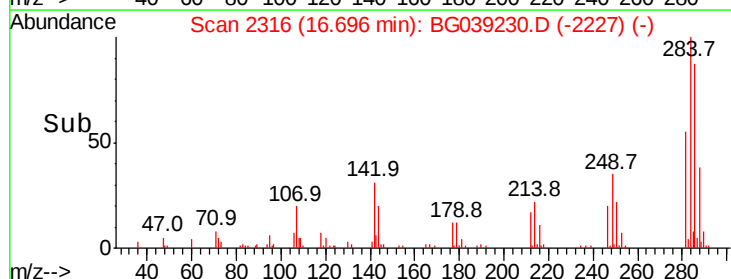
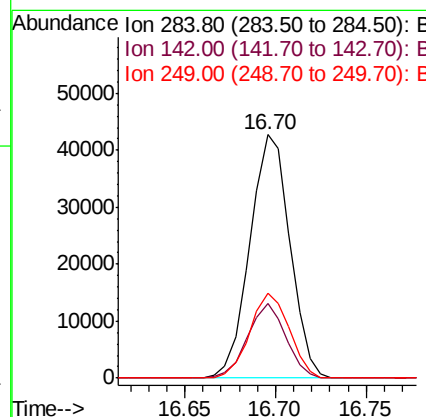
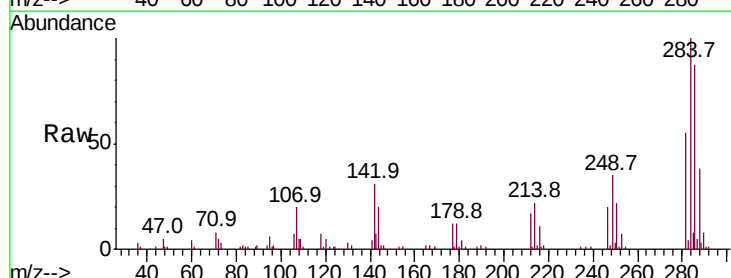
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#68
 Hexachlorobenzene
 Concen: 35.696 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. -0.01 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	24.3	36.5
249	37.2	27.8	41.8





#69

Atrazine

Concen: 35.995 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB116511BS

Tot Ion:200 Resp: 59329

Ion Ratio Lower Upper

200 100

173 24.3 2.6 42.6

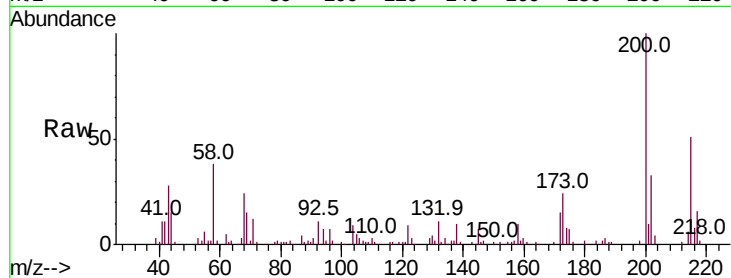
215 50.8 28.0 68.0

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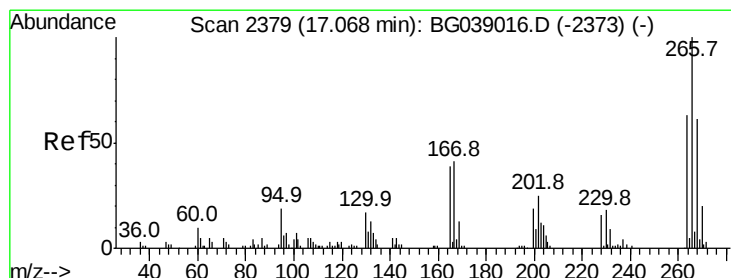
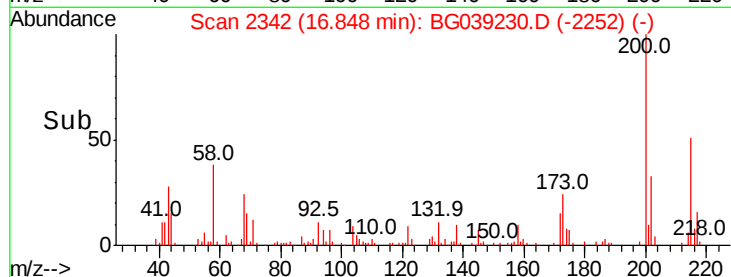
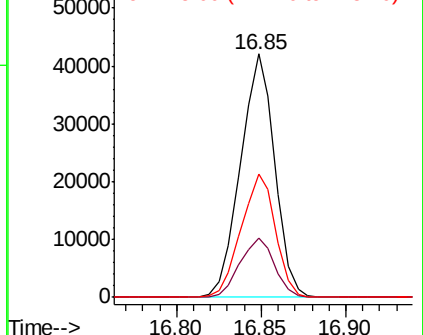
1/22/2019 10:00:13 AM



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 62.451 ng

RT: 17.05 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

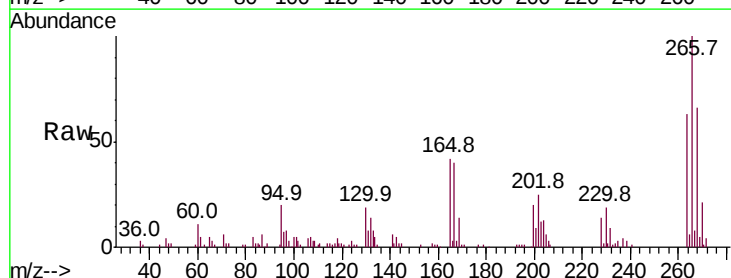
Tgt Ion:266 Resp: 69279

Ion Ratio Lower Upper

266 100

268 70.9 52.0 78.0

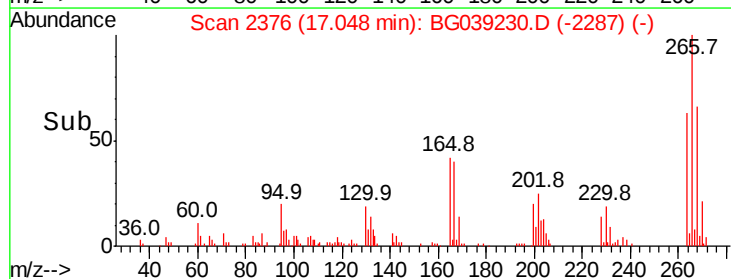
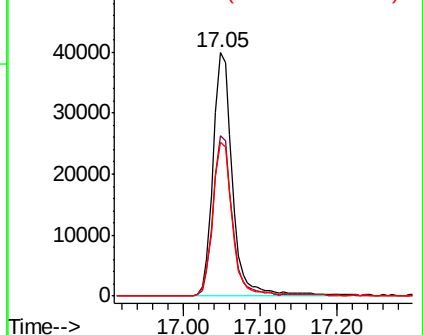
264 69.1 54.6 81.8

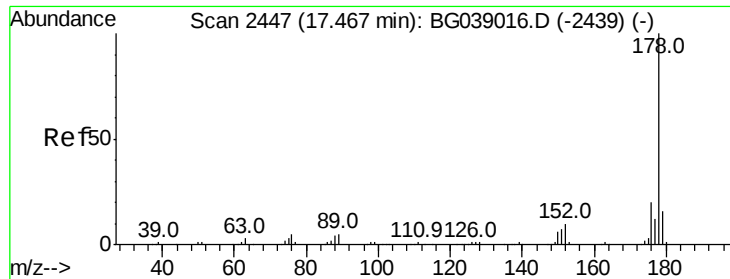


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





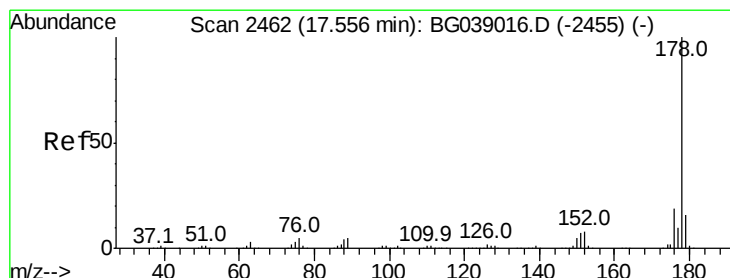
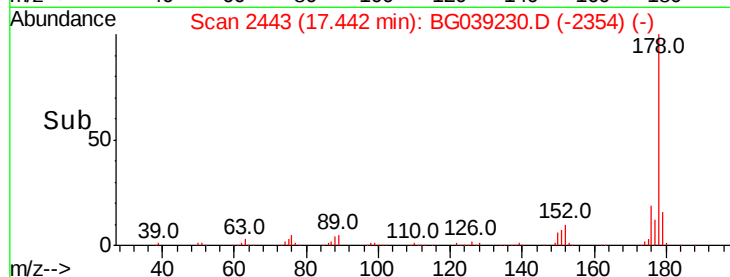
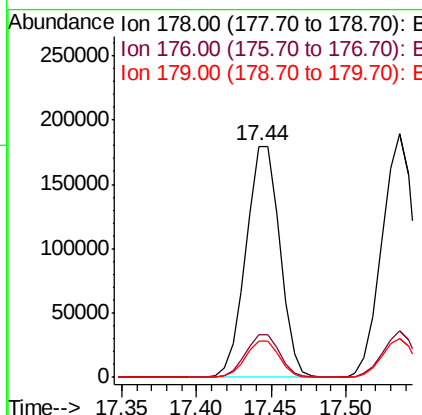
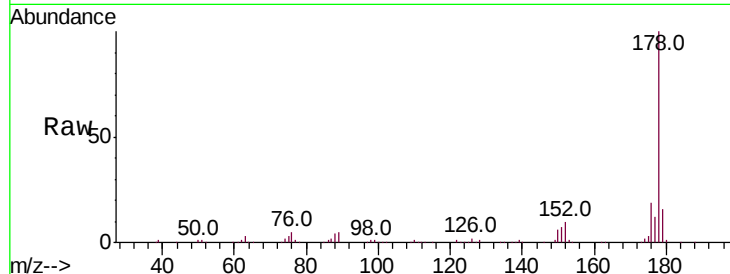
#71
 Phenanthrene
 Concen: 40.676 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	15.7	12.9	19.3

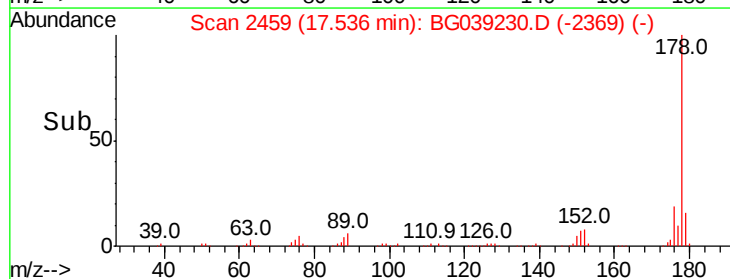
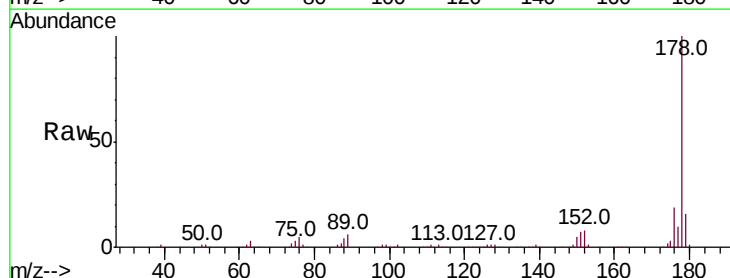
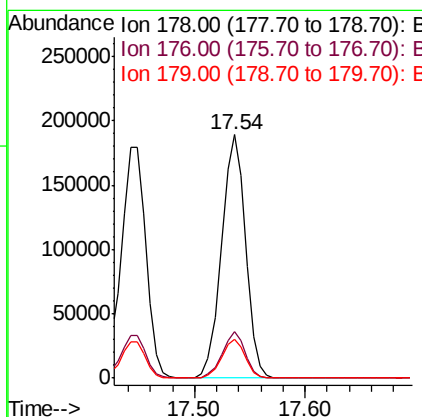
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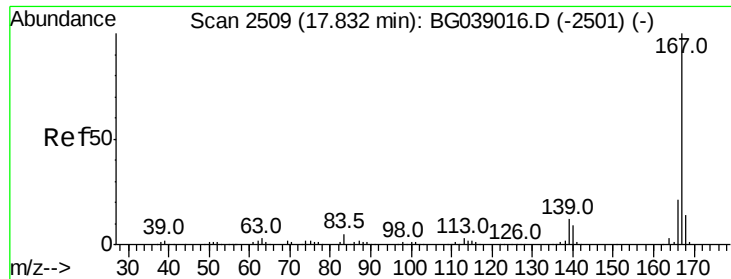
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#72
 Anthracene
 Concen: 41.949 ng
 RT: 17.54 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.9	22.3
179	16.1	13.0	19.4





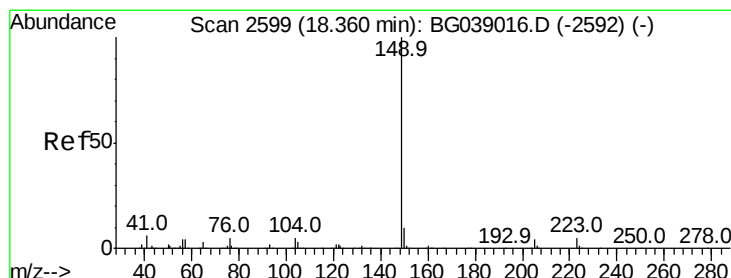
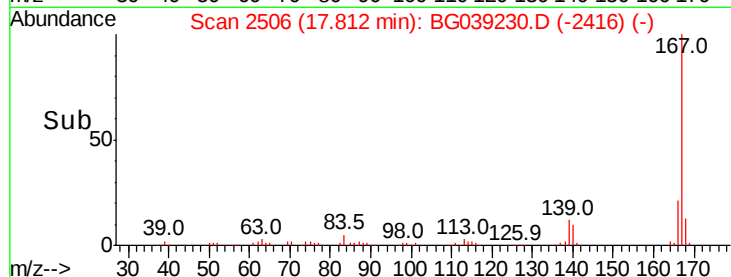
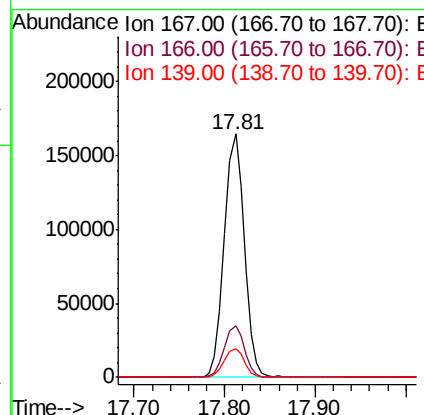
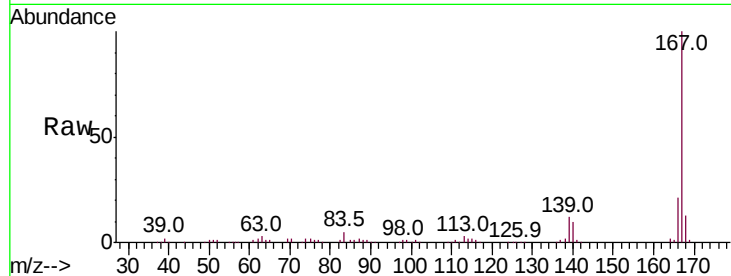
#73
 Carbazole
 Concen: 37.504 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116511BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	253231		
166	21.2	16.9	25.3	
139	12.0	10.0	15.0	

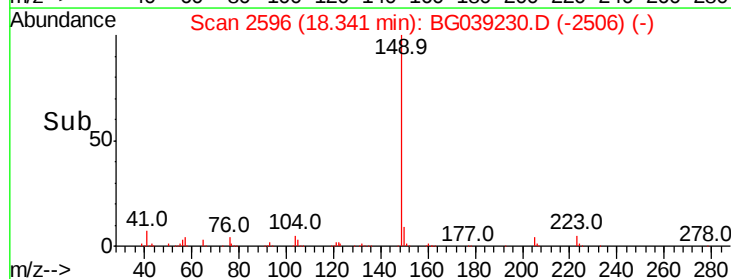
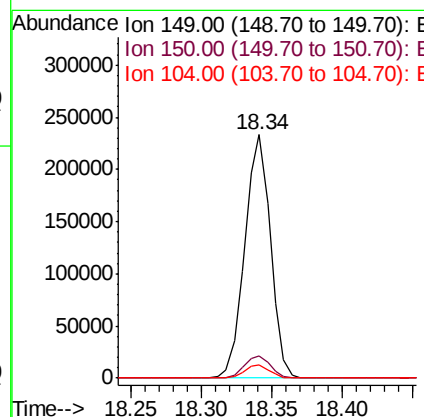
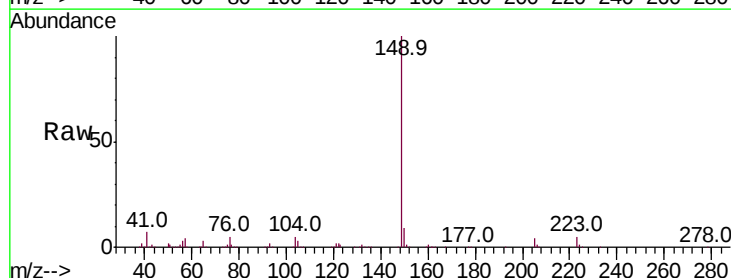
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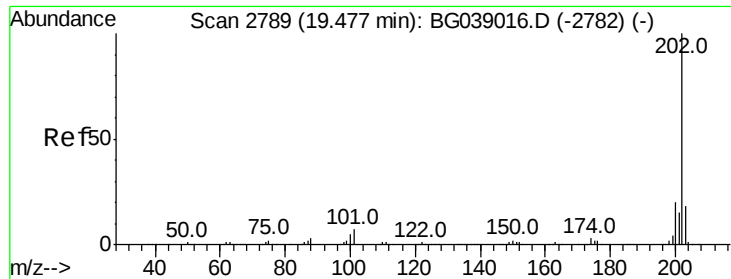
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#74
 Di-n-butylphthalate
 Concen: 39.395 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG039230.D
 Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	295919		
150	9.0	7.9	11.9	
104	5.4	4.2	6.2	





#75

Fluoranthene

Concen: 41.581 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

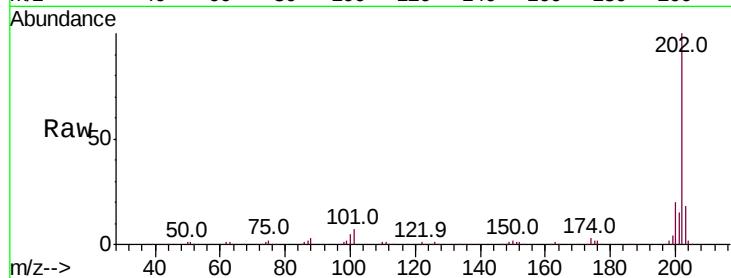
ClientSampleId :

PB116511BS

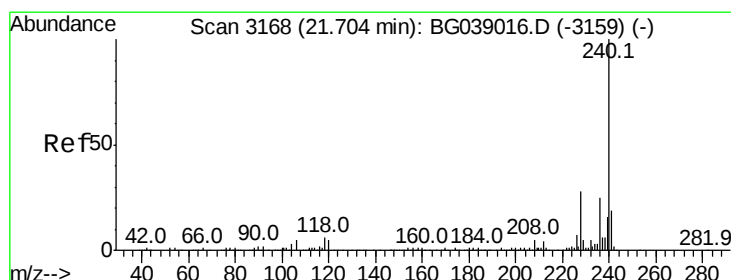
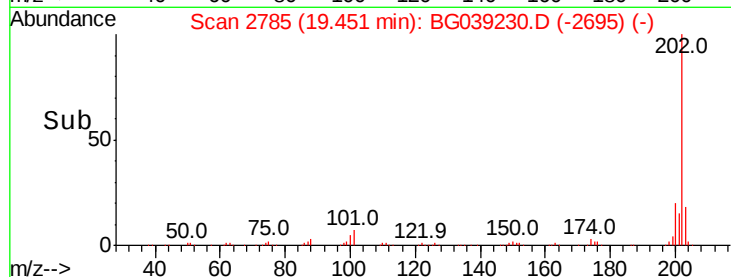
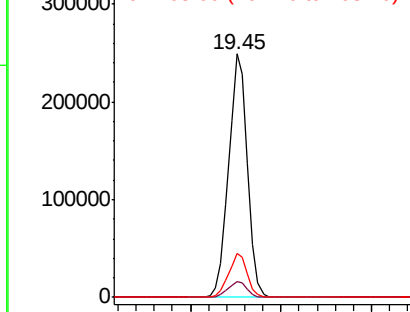
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.6	0.0	26.9
203	17.9	0.0	38.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3164

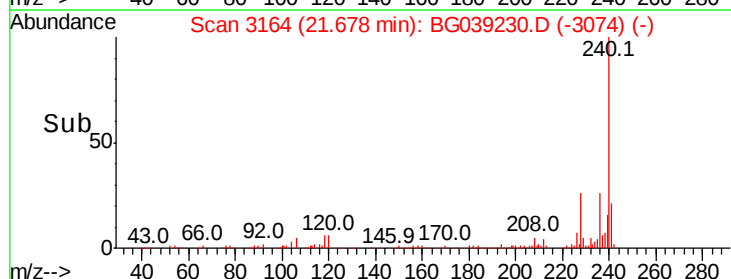
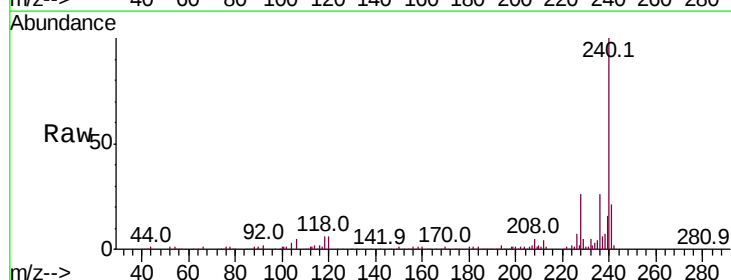
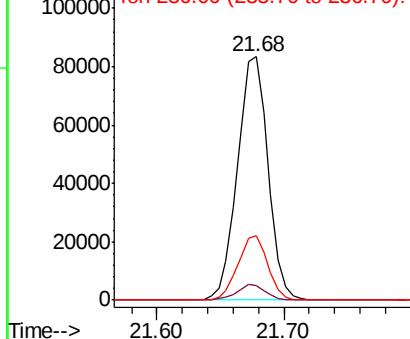
Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.0	4.3	6.5
236	26.3	20.1	30.1

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





#77

Benzidine

Concen: 28.254 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

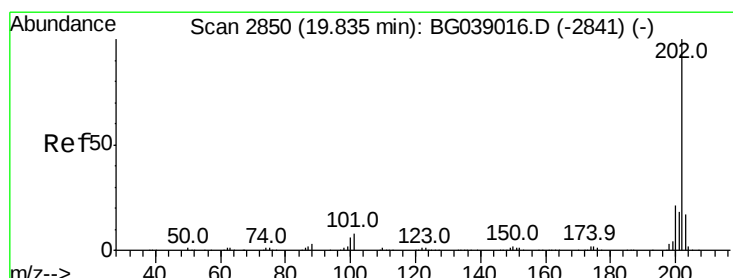
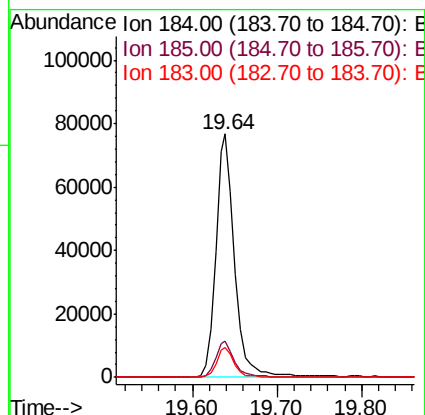
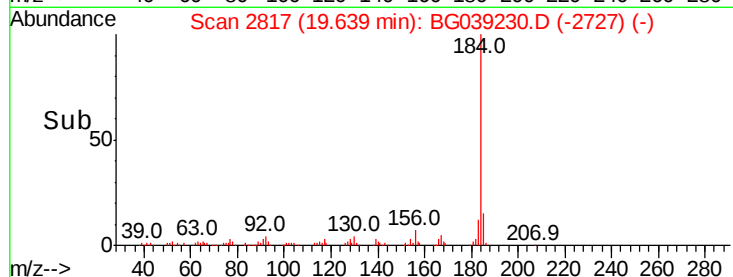
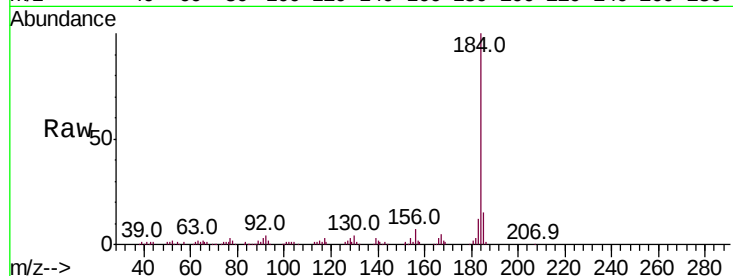
ClientSampleId :

PB116511BS

Tot Ion:	184	Resp:	120131
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.1	18.1
183	12.4	9.5	14.3

Manual Integrations
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#78

Pyrene

Concen: 39.910 ng

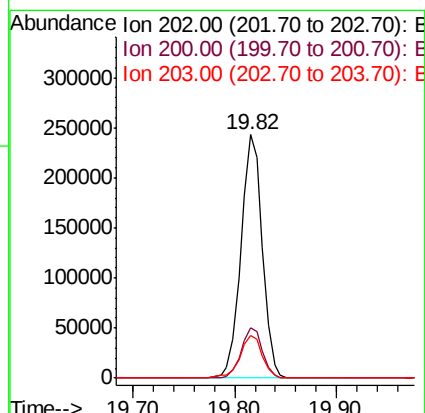
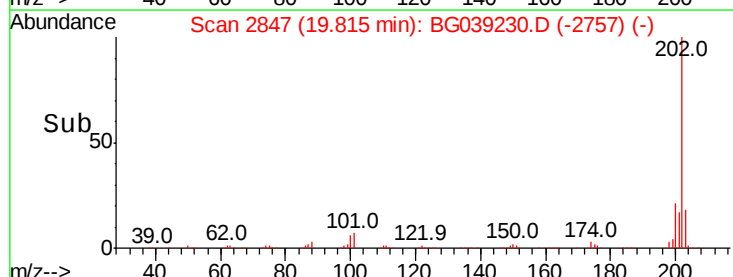
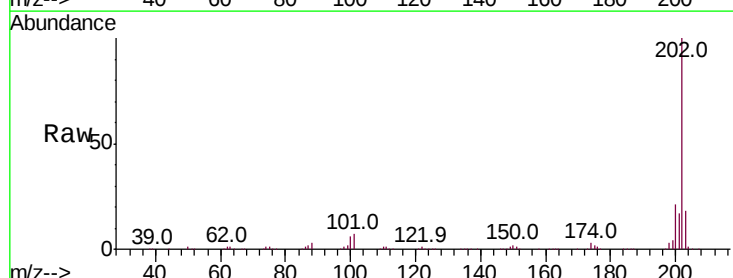
RT: 19.82 min Scan# 2847

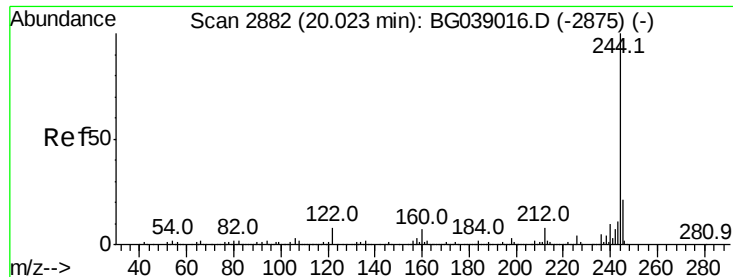
Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Tgt Ion:	202	Resp:	353568
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.0	25.6
203	17.6	14.0	21.0





#79

Terphenyl-d14

Concen: 79.758 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

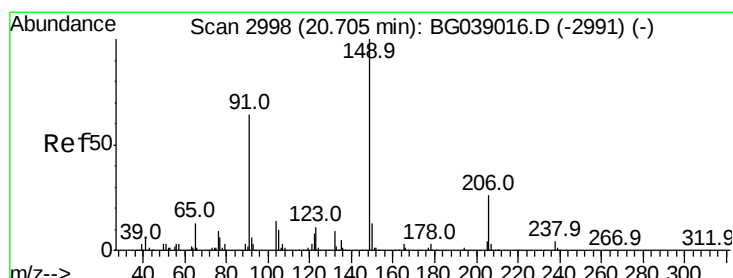
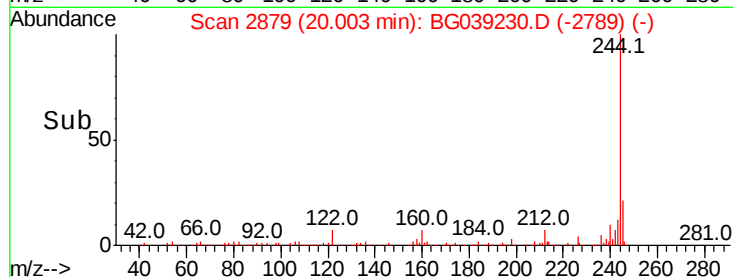
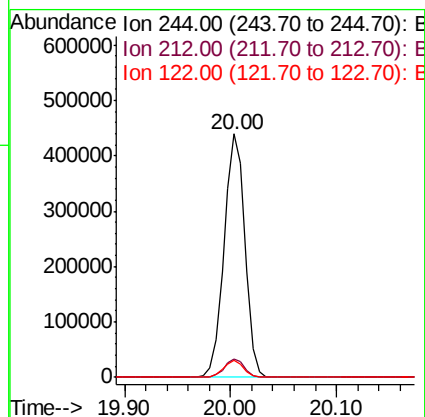
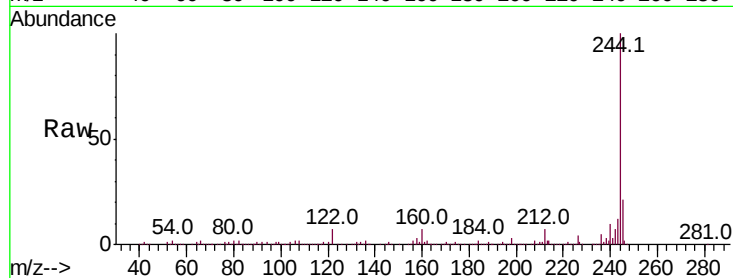
ClientSampleId :

PB116511BS

Tot Ion:	244	Resp:	599350
Ion Ratio		Lower	Upper
244	100		
212	7.3	6.1	9.1
122	6.8	6.1	9.1

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 39.979 ng

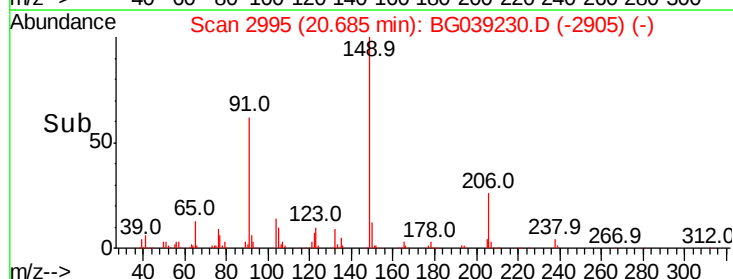
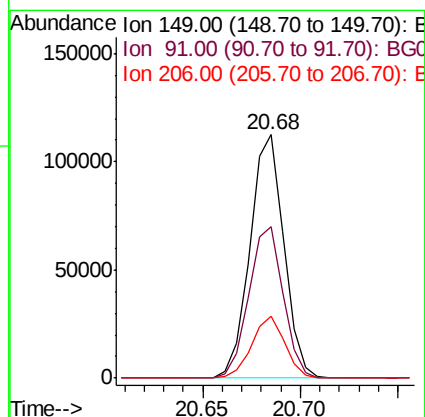
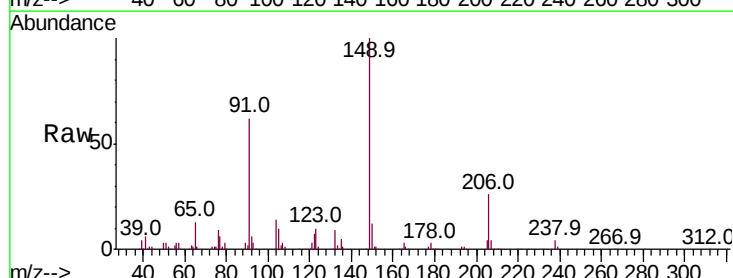
RT: 20.68 min Scan# 2995

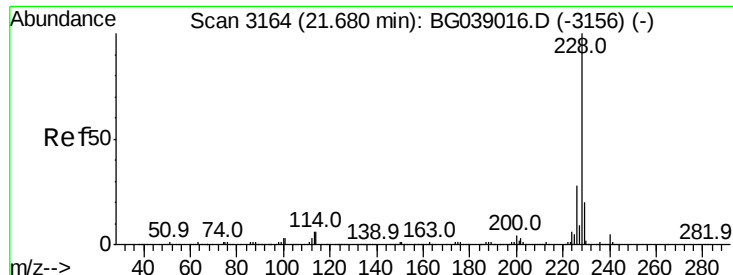
Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Tgt Ion:	149	Resp:	134706
Ion Ratio		Lower	Upper
149	100		
91	62.2	51.4	77.0
206	25.6	20.4	30.6





#81

Benzo(a)anthracene

Concen: 41.669 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

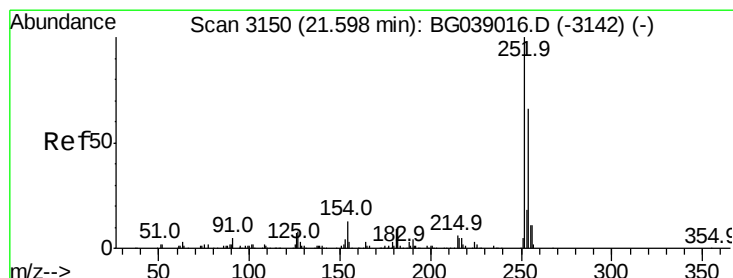
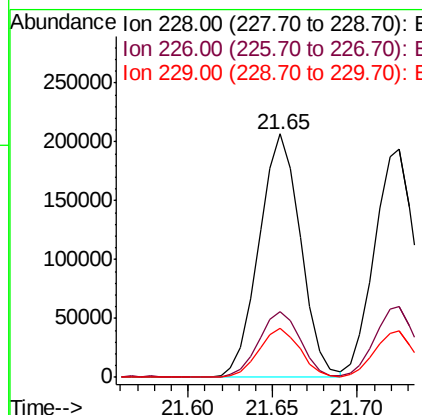
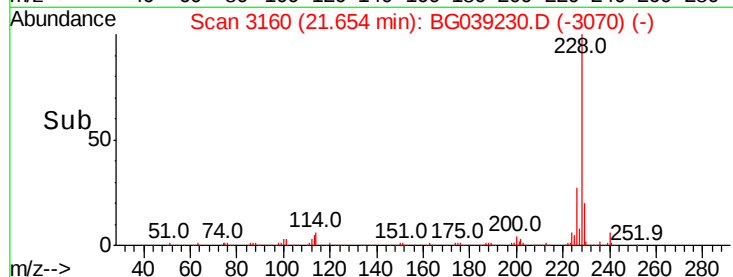
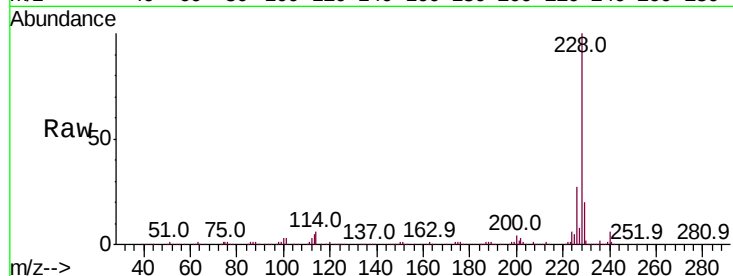
ClientSampled :

PB116511BS

Tot Ion:	228	Resp:	352616
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.4	33.6
229	20.0	16.2	24.2

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 27.514 ng

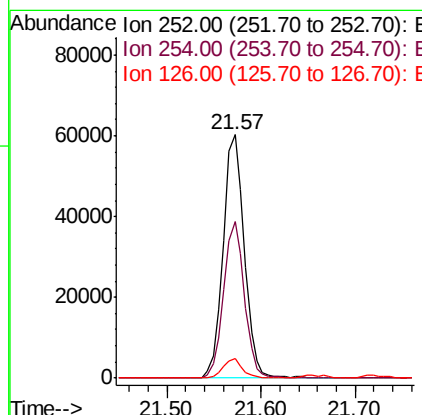
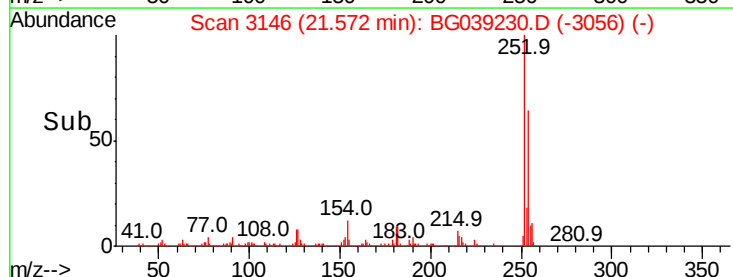
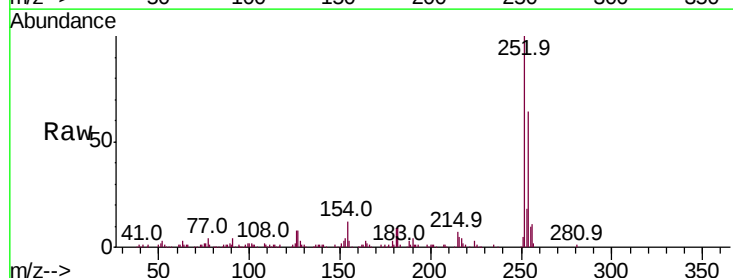
RT: 21.57 min Scan# 3146

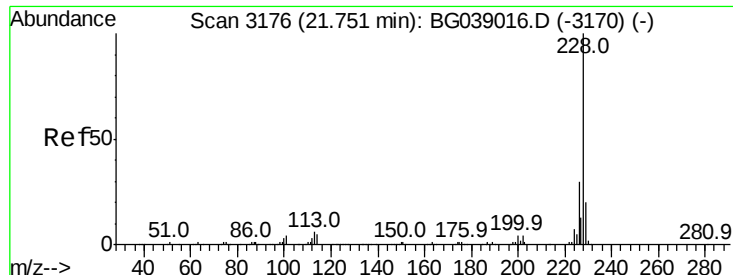
Delta R.T. -0.00 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Tgt Ion:	252	Resp:	94867
Ion Ratio	Lower	Upper	
252	100		
254	64.2	53.0	79.6
126	7.9	6.0	9.0





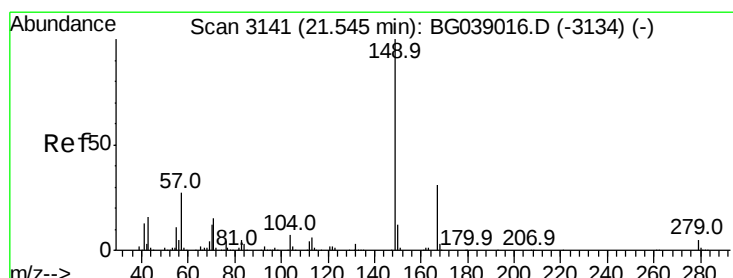
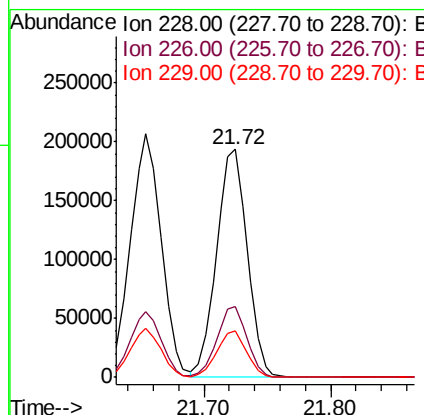
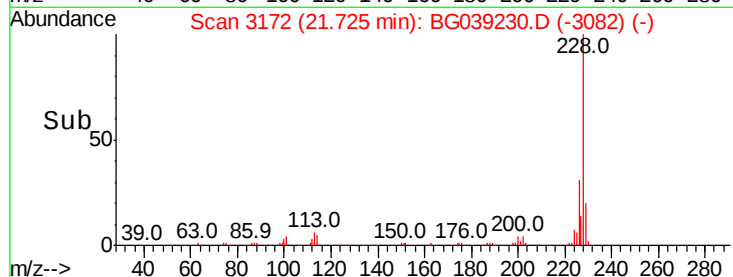
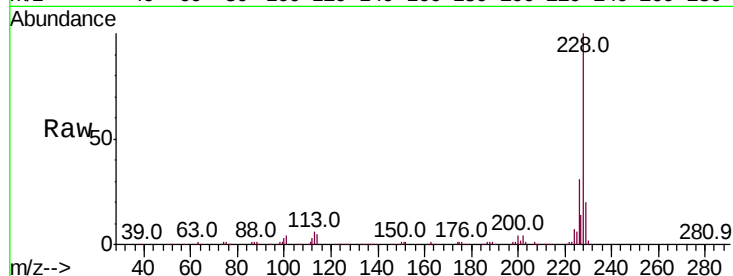
#83
Chrysene
Concen: 40.472 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampled :
PB116511BS

Tot Ion:	228	Resp:	325739
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.1	36.1
229	20.3	16.0	24.0

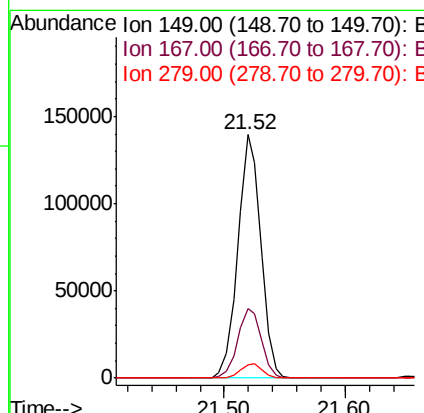
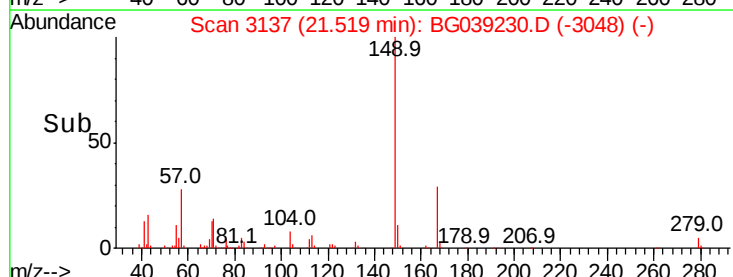
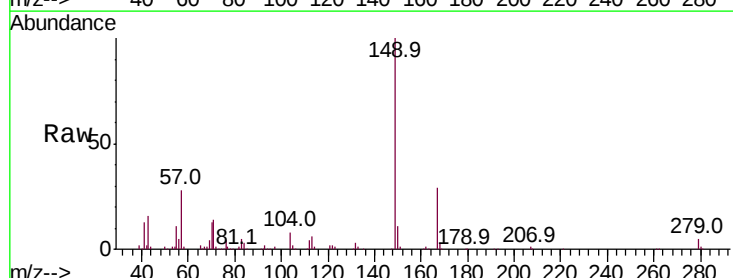
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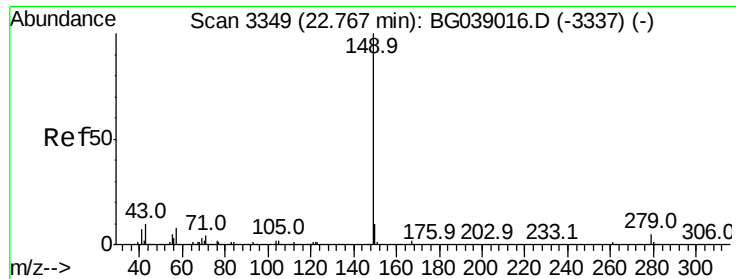
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.526 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion:	149	Resp:	184924
Ion Ratio	Lower	Upper	
149	100		
167	28.8	25.0	37.4
279	5.4	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 40.459 ng

RT: 22.73 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

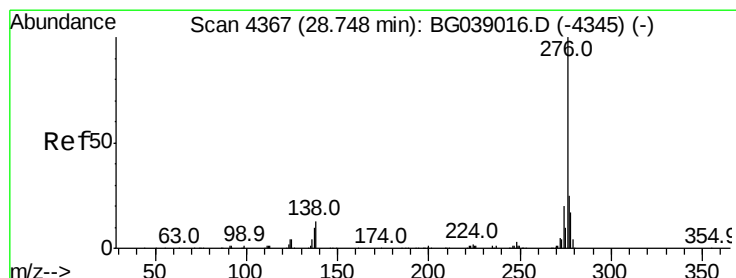
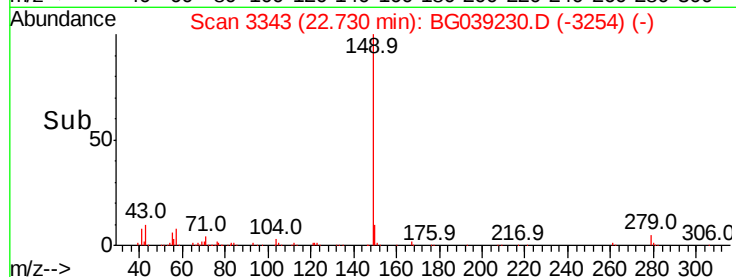
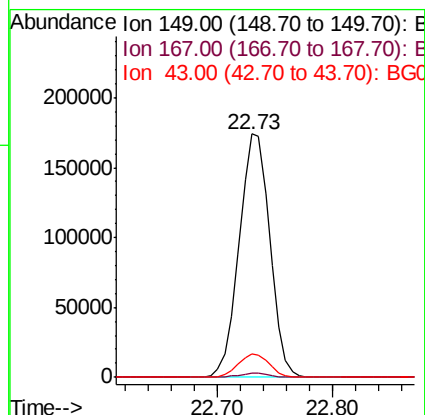
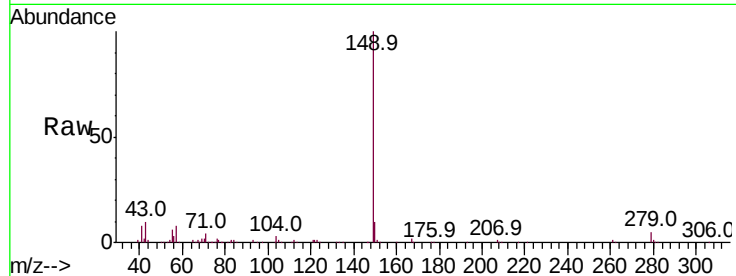
ClientSampleId :

PB116511BS

Tot Ion:	149	Resp:	320072
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	9.9	7.5	11.3

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#86

Indeno(1,2,3-cd)pyrene

Concen: 41.964 ng

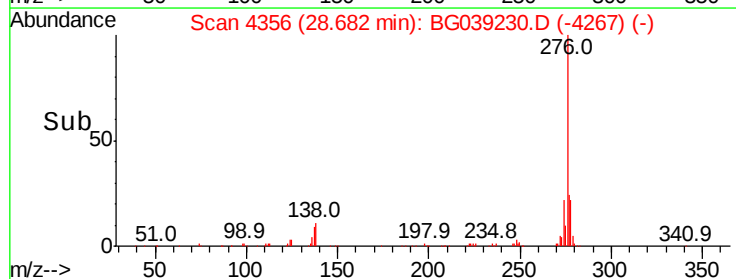
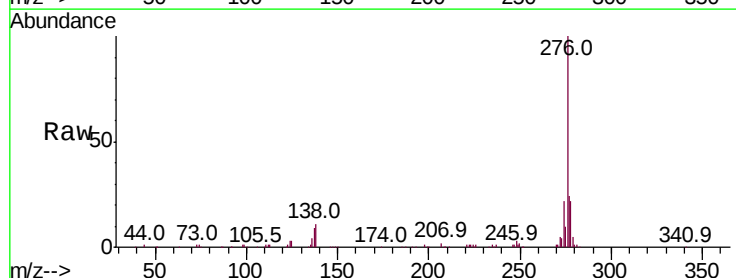
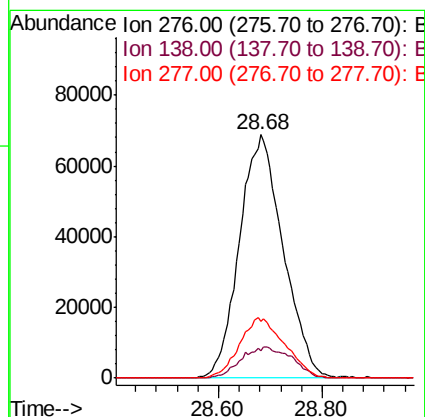
RT: 28.68 min Scan# 4356

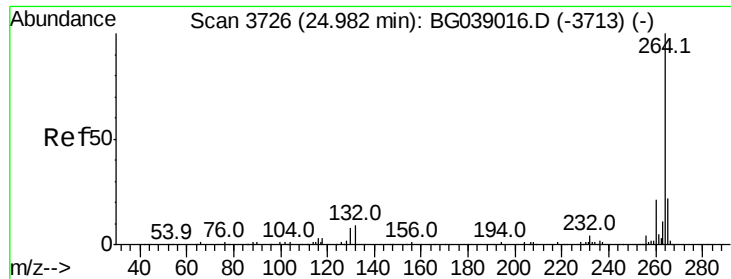
Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Tgt Ion:	276	Resp:	403575
Ion Ratio	Lower	Upper	
276	100		
138	14.9	8.0	12.0#
277	25.6	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.02 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Instrument :

BNA_G

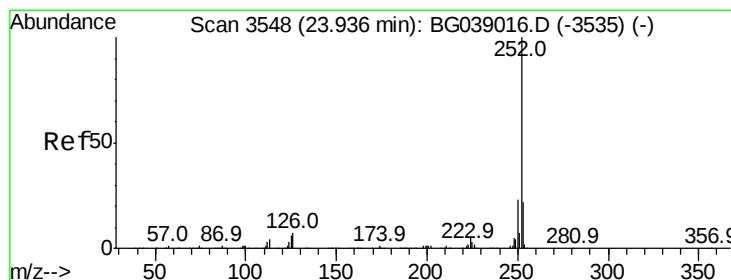
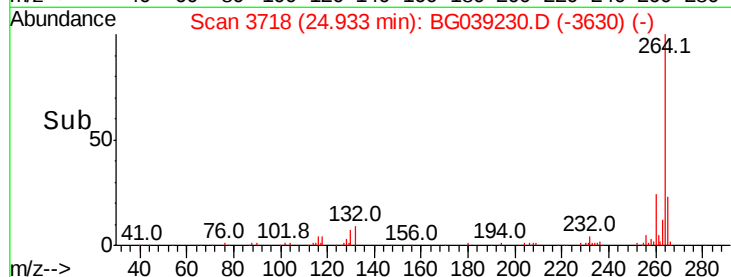
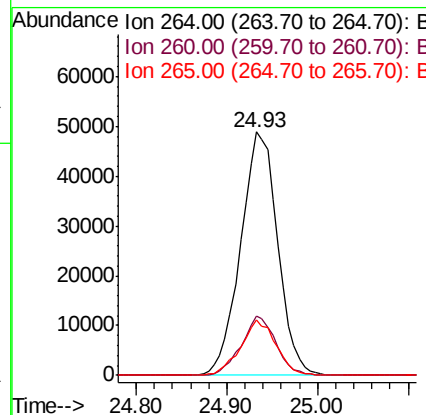
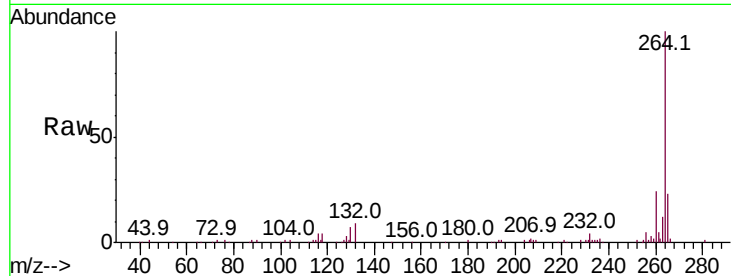
ClientSampleId :

PB116511BS

Tot Ion:	264	Resp:	138469
Ion Ratio	Lower	Upper	
264	100		
260	24.3	17.0	25.6
265	23.0	17.2	25.8

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 45.914 ng

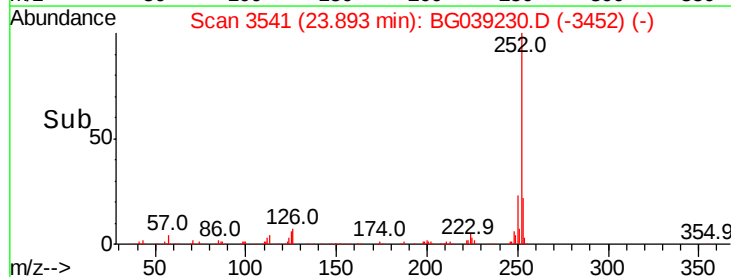
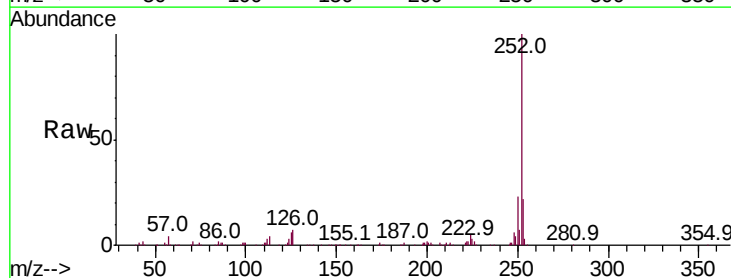
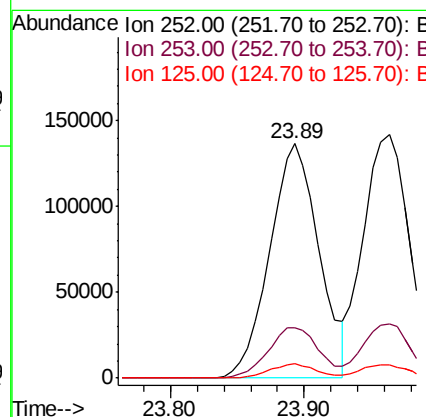
RT: 23.89 min Scan# 3541

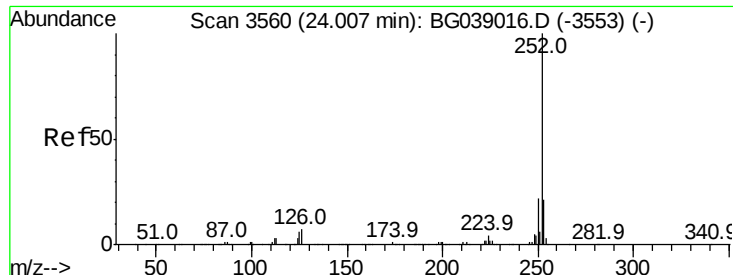
Delta R.T. -0.01 min

Lab File: BG039230.D

Acq: 21 Jan 2019 12:44

Tgt Ion:	252	Resp:	350561
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.8	26.6
125	5.9	4.9	7.3





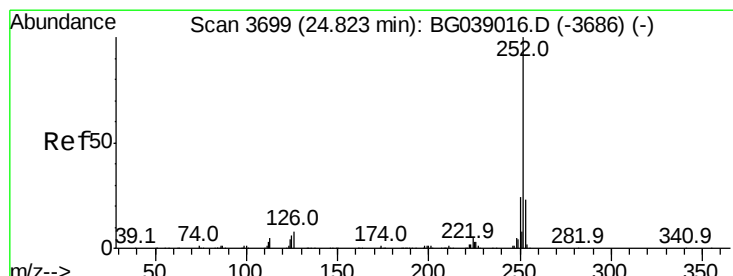
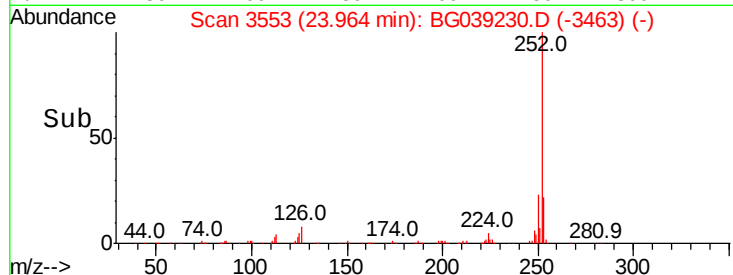
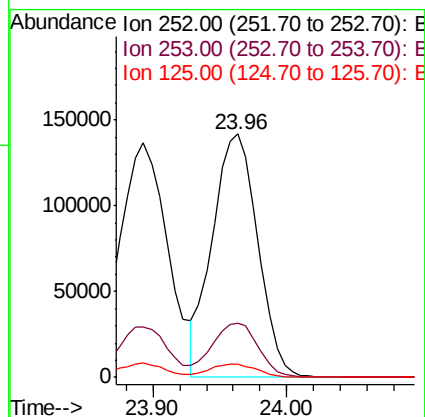
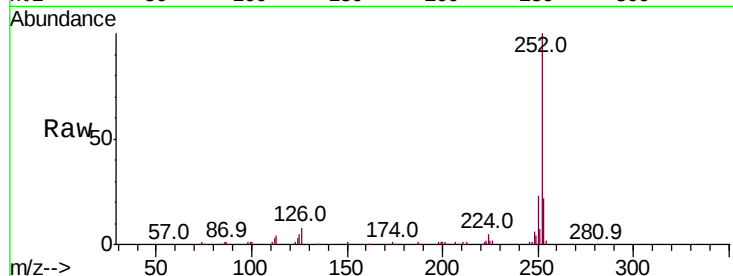
#89
Benzo(k)fluoranthene
Concen: 44.439 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB116511BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	5.5	4.6	7.0

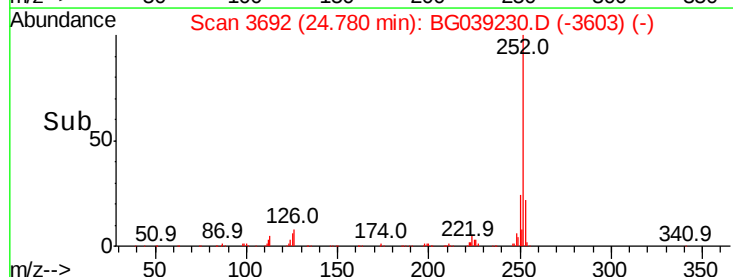
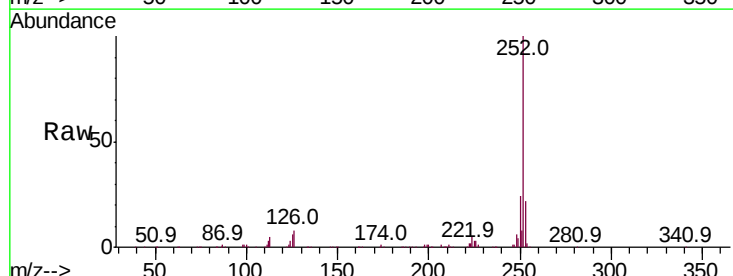
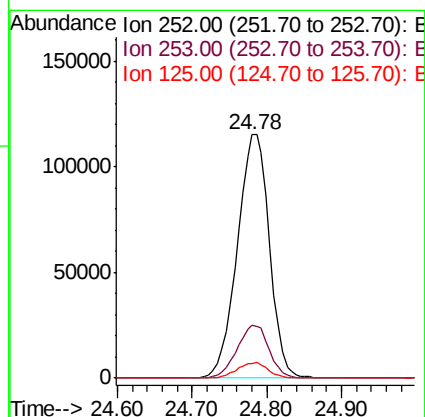
Manual Integrations
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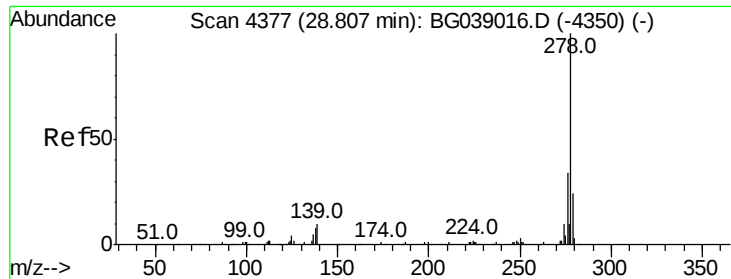
Sohil
1/22/2019 10:00:13 AM



#90
Benzo(a)pyrene
Concen: 46.401 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.3	27.5
125	6.2	4.9	7.3





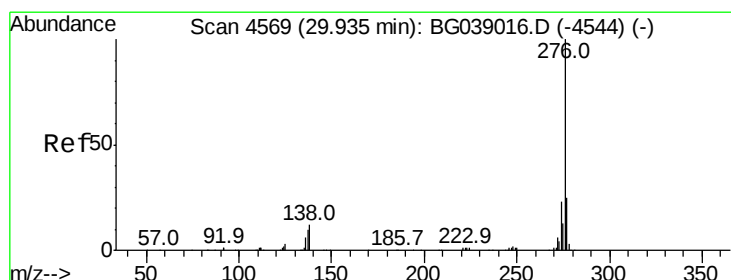
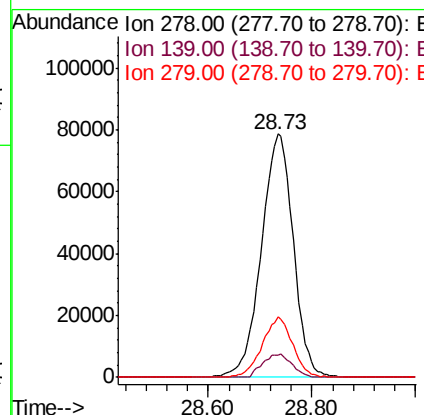
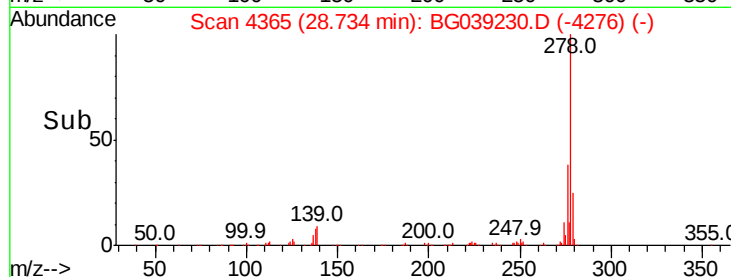
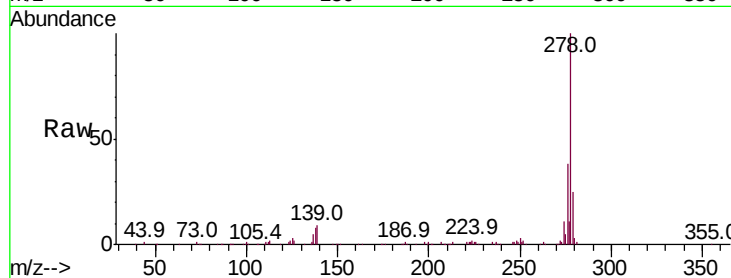
#91
Dibenzo(a,h)anthracene
Concen: 45.840 ng
RT: 28.73 min Scan# 4365
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB116511BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.9	7.9	11.9
279	24.7	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/22/2019 10:00:13 AM



#92
Benzo(g,h,i)perylene
Concen: 46.541 ng
RT: 29.86 min Scan# 4557
Delta R.T. -0.01 min
Lab File: BG039230.D
Acq: 21 Jan 2019 12:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	20.3	30.5
138	12.5	9.4	14.2

