

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039622.D
 Acq On : 27 Feb 2019 5:57
 Operator : JU/SJ
 Sample : PB117340BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117340BS

Manual Integrations
 APPROVED

Sohil
 2/27/2019 4:21:53 PM

Quant Time: Feb 27 06:54:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	58941	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	245536	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	162327	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	391951	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	405906	20.00	ng	-0.02
87) Perylene-d12	25.20	264	424476	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	518740	150.63	ng	0.00
7) Phenol-d6	7.32	99	724781	142.98	ng	0.00
23) Nitrobenzene-d5	9.34	82	414051	105.35	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	270818	154.93	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	984275	86.98	ng	-0.02
79) Terphenyl-d14	20.13	244	1557373	81.21	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	55814	37.051	ng	95
3) Pyridine	4.00	79	157134	39.398	ng	95
4) n-Nitrosodimethylamine	3.92	42	85447	42.839	ng	89
6) Aniline	7.49	93	99240	15.629	ng	99
8) 2-Chlorophenol	7.73	128	175081	46.510	ng	95
9) Benzaldehyde	7.31	77	79510	28.966	ng	99
10) Phenol	7.35	94	237899	45.021	ng	96
11) bis(2-Chloroethyl)ether	7.58	93	165699	39.683	ng	95
12) 1,3-Dichlorobenzene	8.05	146	179796	39.427	ng	97
13) 1,4-Dichlorobenzene	8.20	146	185311	40.770	ng	98
14) 1,2-Dichlorobenzene	8.52	146	177329	40.300	ng	98
15) Benzyl Alcohol	8.40	79	163068	40.975	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	326533	34.629	ng	100
17) 2-Methylphenol	8.60	107	153360	44.848	ng	96
18) Hexachloroethane	9.25	117	66309	42.403	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	135465	37.651	ng	92
20) 3+4-Methylphenols	8.93	107	209857	44.565	ng	96
22) Acetophenone	9.00	105	255600	38.754	ng	# 96
24) Nitrobenzene	9.39	77	201667	47.495	ng	95
25) Isophorone	9.90	82	376564	43.235	ng	97
26) 2-Nitrophenol	10.10	139	100131	56.800	ng	97
27) 2,4-Dimethylphenol	10.14	122	174371	49.491	ng	94
28) bis(2-Chloroethoxy)methane	10.38	93	230228	42.916	ng	96
29) 2,4-Dichlorophenol	10.63	162	189273	49.153	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	186751	43.198	ng	98
31) Naphthalene	11.04	128	538012	44.169	ng	99
32) Benzoic acid	10.21	122	26092m	18.205	ng	
33) 4-Chloroaniline	11.15	127	59519	10.538	ng	95
34) Hexachlorobutadiene	11.30	225	120801	42.017	ng	97
35) Caprolactam	11.93	113	64235	40.312	ng	92
36) 4-Chloro-3-methylphenol	12.25	107	197588	44.369	ng	97
37) 2-Methylnaphthalene	12.63	142	397448	44.054	ng	96
38) 1-Methylnaphthalene	12.85	142	382400	43.971	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	221634	42.913	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	277978	98.771	nq	96
43) 2,4,6-Trichlorophenol	13.23	196	154162	48.546	nq	99
44) 2,4,5-Trichlorophenol	13.30	196	166748	50.101	nq	98
46) 1,1'-Biphenyl	13.63	154	536999	39.760	nq	99
47) 2-Chloronaphthalene	13.67	162	419552	41.293	nq	98
48) 2-Nitroaniline	13.88	65	141766	48.473	nq	86
49) Acenaphthylene	14.52	152	672119	43.840	nq	99
50) Dimethylphthalate	14.24	163	547791	41.784	nq	100
51) 2,6-Dinitrotoluene	14.37	165	123301	50.005	nq	94
52) Acenaphthene	14.85	154	407812	40.979	nq	99
53) 3-Nitroaniline	14.70	138	46213	21.163	nq #	94
54) 2,4-Dinitrophenol	14.90	184	22406	30.264	nq	96
55) Dibenzofuran	15.19	168	665659	41.719	nq	99
56) 4-Nitrophenol	15.00	139	201387	84.599	nq	91
57) 2,4-Dinitrotoluene	15.15	165	175546	54.638	nq #	87
58) Fluorene	15.83	166	528345	44.419	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	166549	53.445	nq	93
60) Diethylphthalate	15.59	149	552347	40.749	nq	97
61) 4-Chlorophenyl-phenylether	15.82	204	279498	41.499	nq	99
62) 4-Nitroaniline	15.87	138	133999	48.677	nq	88
63) Azobenzene	16.12	77	506236	38.210	nq	95
65) 4,6-Dinitro-2-methylphenol	15.91	198	31874	26.167	nq	97
66) n-Nitrosodiphenylamine	16.03	169	486057	40.784	nq	97
67) 4-Bromophenyl-phenylether	16.72	248	180941	41.612	nq	94
68) Hexachlorobenzene	16.83	284	191630	43.926	nq	97
69) Atrazine	16.97	200	181458	41.664	nq	96
70) Pentachlorophenol	17.17	266	117472	38.743	nq	97
71) Phenanthrene	17.58	178	899176	44.324	nq	99
72) Anthracene	17.67	178	910613	45.572	nq	98
73) Carbazole	17.94	167	805864	40.411	nq	99
74) Di-n-butylphthalate	18.47	149	978146	42.044	nq	99
75) Fluoranthene	19.58	202	1094395	46.479	nq	100
77) Benzidine	19.76	184	168223	12.641	nq	99
78) Pyrene	19.94	202	1108288	43.860	nq	98
80) Butylbenzylphthalate	20.80	149	472177	44.297	nq	97
81) Benzo(a)anthracene	21.80	228	1091159	45.494	nq	98
82) 3,3'-Dichlorobenzidine	21.72	252	151057	16.985	nq	99
83) Chrysene	21.87	228	1017604	44.569	nq	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	654694	43.052	nq	99
85) Di-n-octyl phthalate	22.93	149	1119172	44.547	nq	95
86) Indeno(1,2,3-cd)pyrene	29.08	276	1246841	50.898	nq #	95
88) Benzo(b)fluoranthene	24.12	252	1092878	47.210	nq	99
89) Benzo(k)fluoranthene	24.19	252	1021378	43.947	nq	99
90) Benzo(a)pyrene	25.05	252	1052682	47.218	nq	98
91) Dibenzo(a,h)anthracene	29.16	278	1004173	48.096	nq	99
92) Benzo(g,h,i)perylene	30.32	276	1030212	49.505	nq	97

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

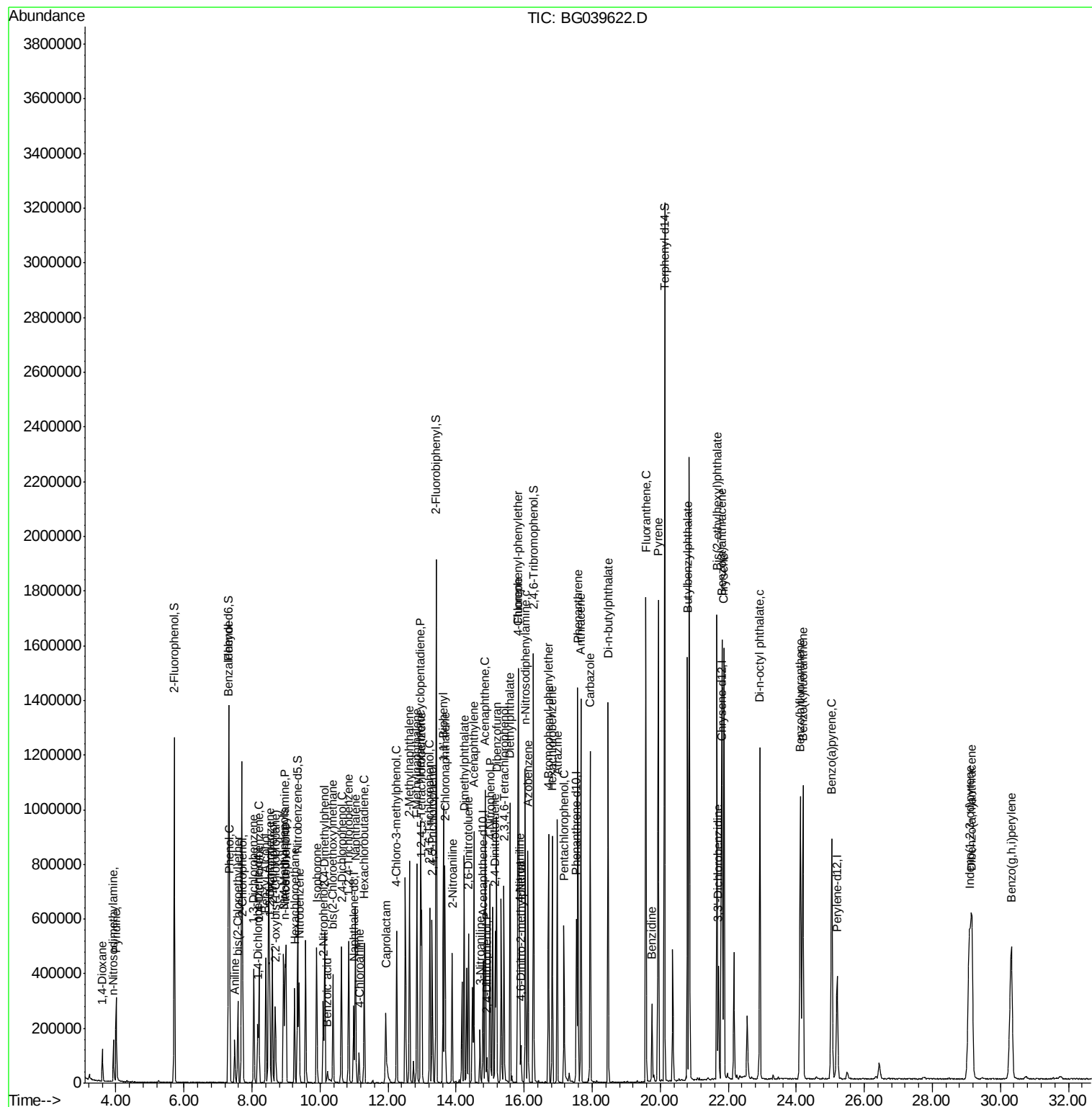
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#1

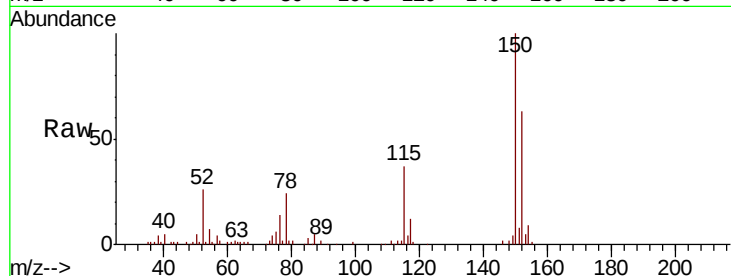
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	123.7	185.5
115	57.8	45.9	68.9

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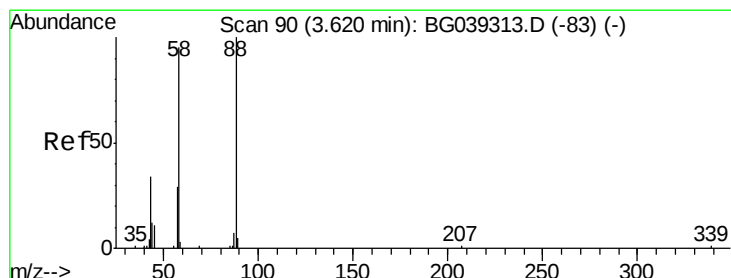
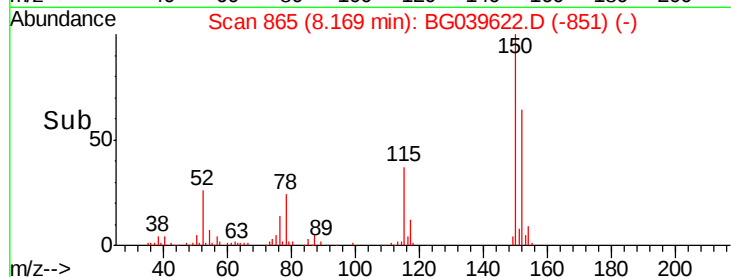
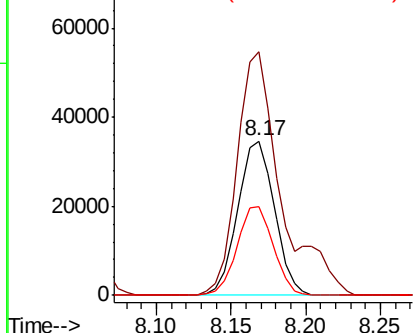


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

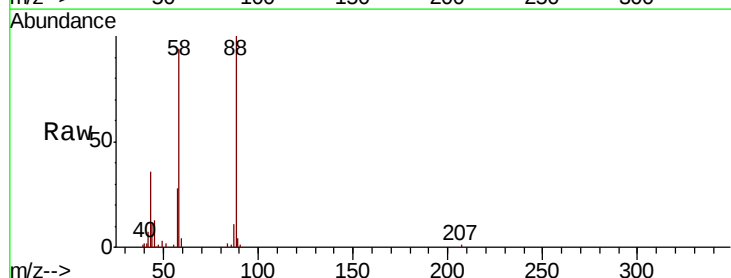
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.051 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.9	81.1	121.7
43	32.5	31.4	47.0

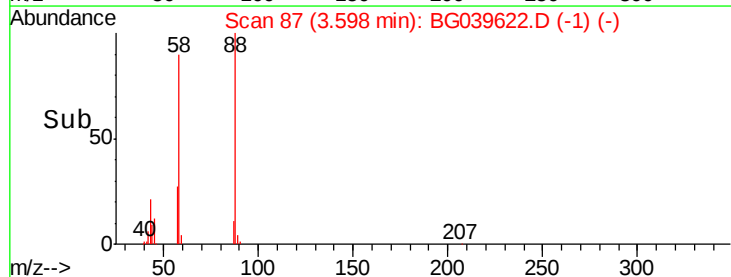
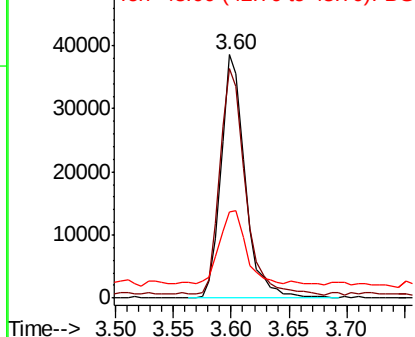


Abundance

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: 39.398 ng

RT: 4.00 min Scan# 156

Delta R.T. -0.02 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Instrument :

BNA_G

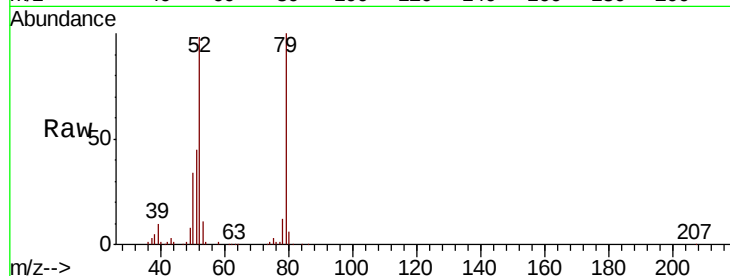
ClientSampleId :

PB117340BS

Tot Ion:	79	Resp:	157134
Ion	Ratio	Lower	Upper
79	100		
52	97.8	82.6	124.0
51	45.0	37.5	56.3

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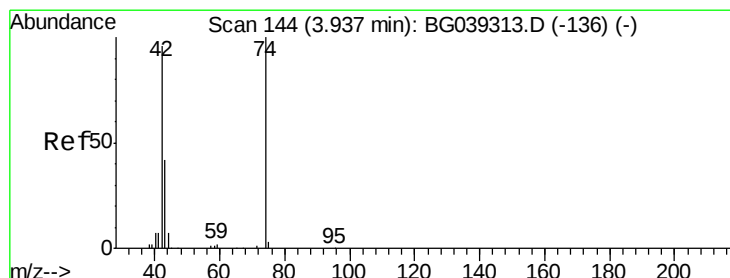
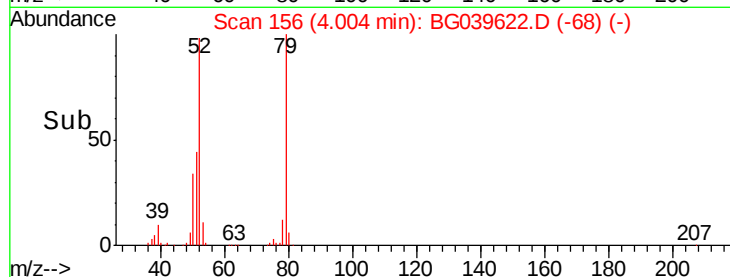
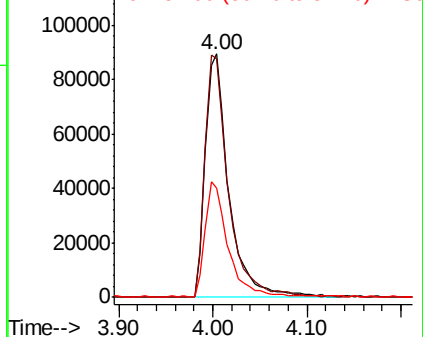


Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.839 ng

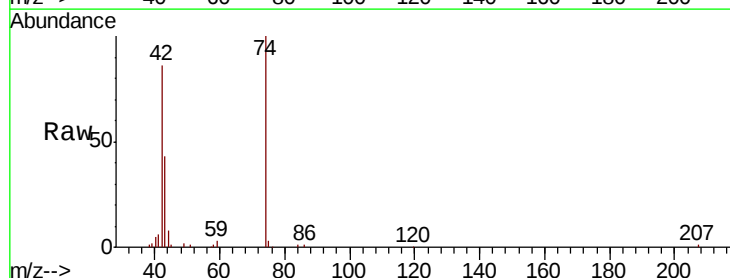
RT: 3.92 min Scan# 142

Delta R.T. -0.02 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Tgt Ion:	42	Resp:	85447
Ion	Ratio	Lower	Upper
42	100		
74	116.8	83.6	125.4
44	9.2	6.9	10.3

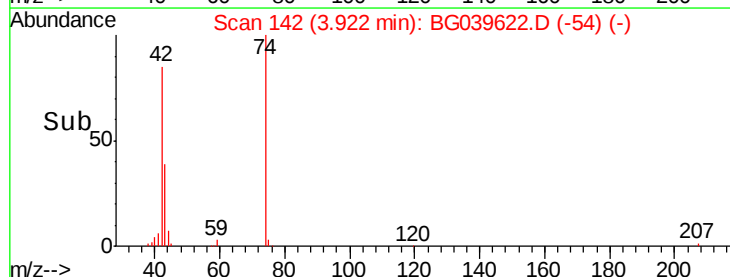
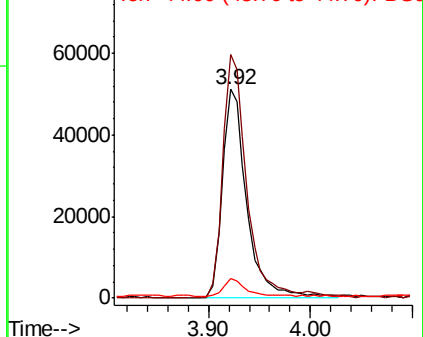


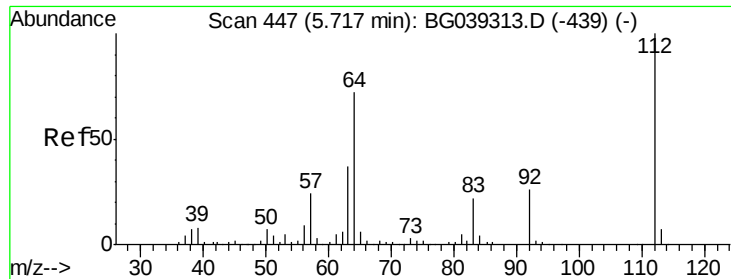
Abundance

Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 150.630 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Instrument :

BNA_G

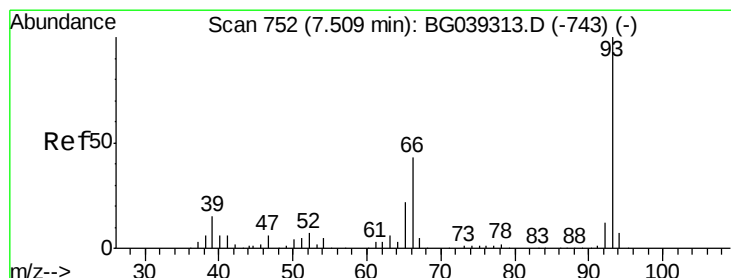
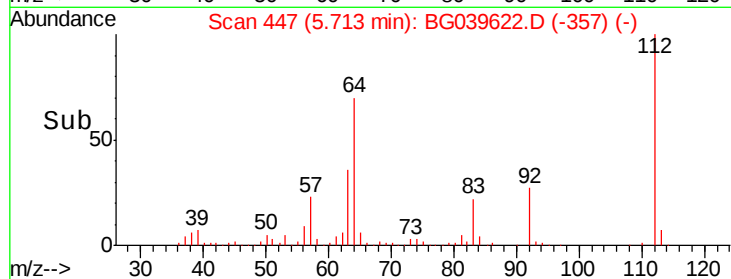
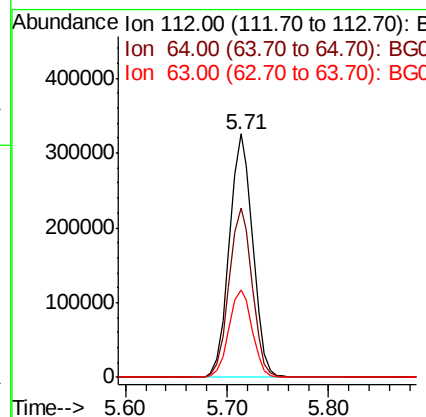
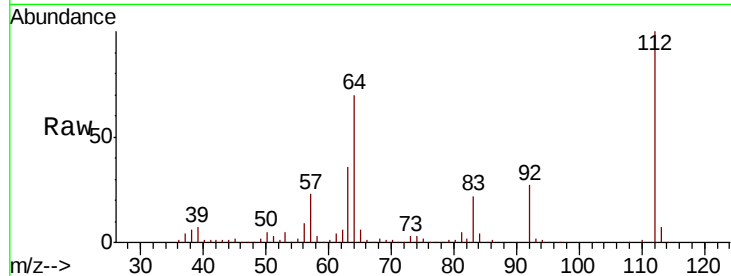
ClientSampleId :

PB117340BS

Tot Ion:	112	Resp:	518740
Ion Ratio	Lower	Upper	
112	100		
64	69.7	57.8	86.8
63	36.0	29.8	44.6

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#6

Aniline

Concen: 15.629 ng

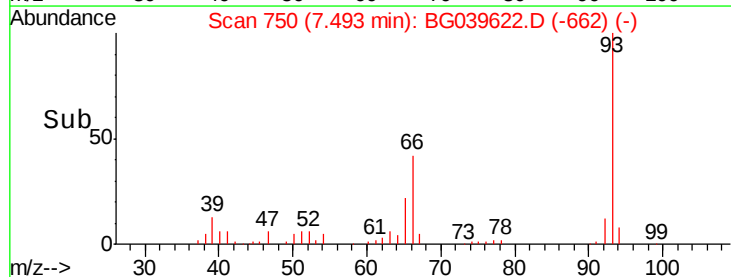
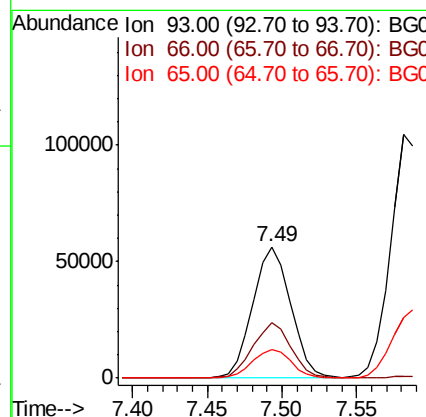
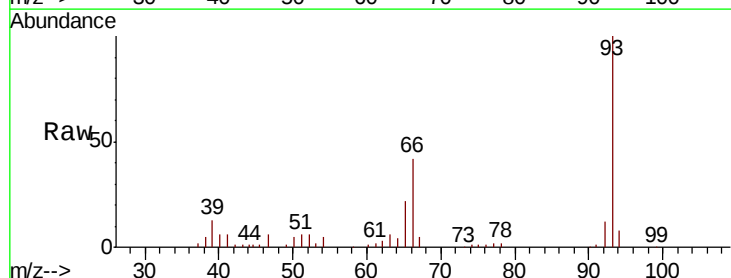
RT: 7.49 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Tgt Ion:	93	Resp:	99240
Ion Ratio	Lower	Upper	
93	100		
66	42.5	34.2	51.4
65	21.9	17.7	26.5





#7

Phenol-d6

Concen: 142.978 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Instrument :

BNA_G

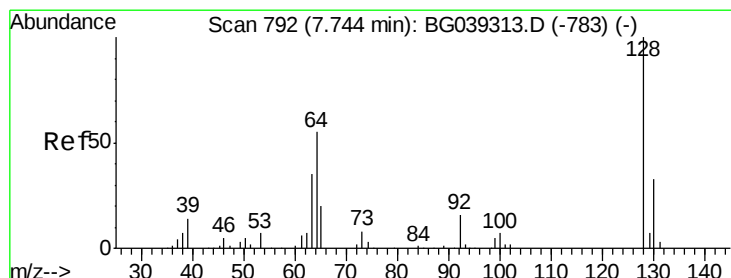
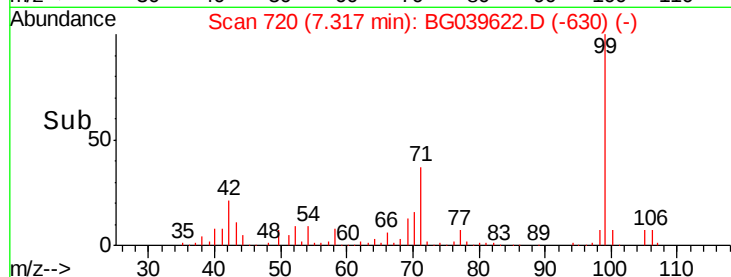
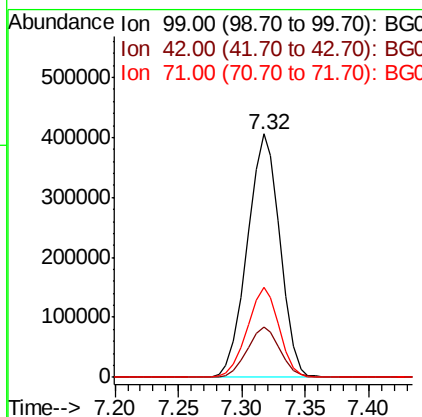
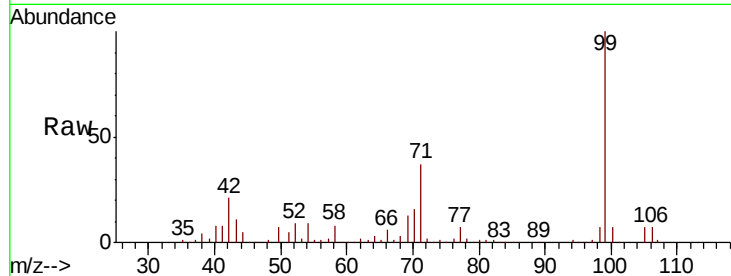
ClientSampled :

PB117340BS

Tot Ion:	99	Resp:	724781
Ion Ratio	Lower	Upper	
99	100		
42	20.9	18.2	27.2
71	36.8	28.0	42.0

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#8

2-Chlorophenol

Concen: 46.510 ng

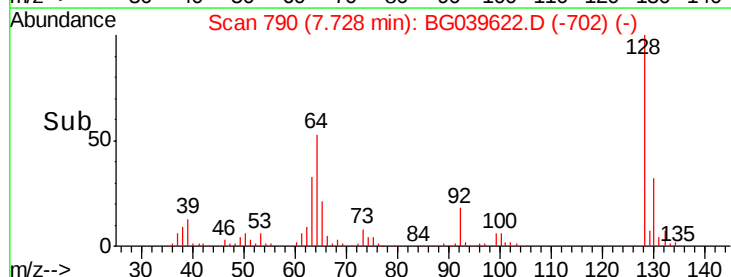
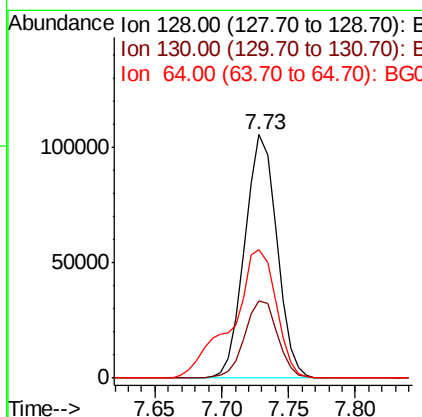
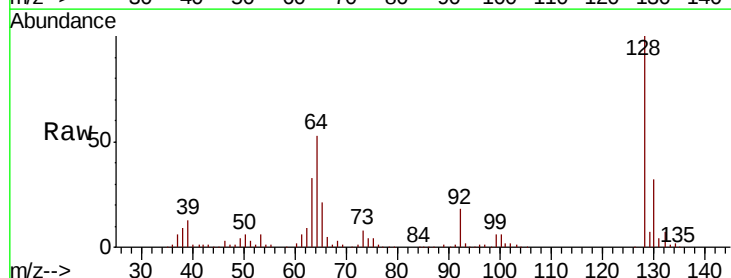
RT: 7.73 min Scan# 790

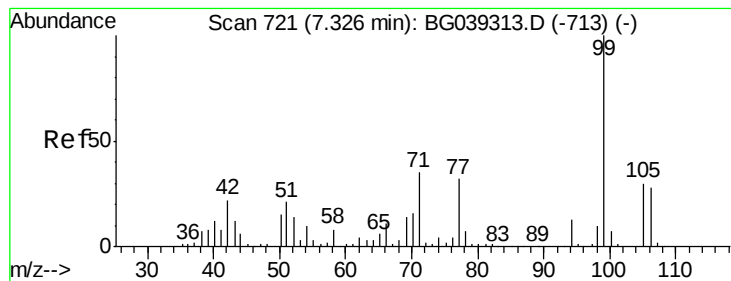
Delta R.T. -0.02 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Tgt Ion:	128	Resp:	175081
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.9	52.9
64	53.0	38.7	78.7





#9

Benzaldehyde

Concen: 28.966 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Instrument :

BNA_G

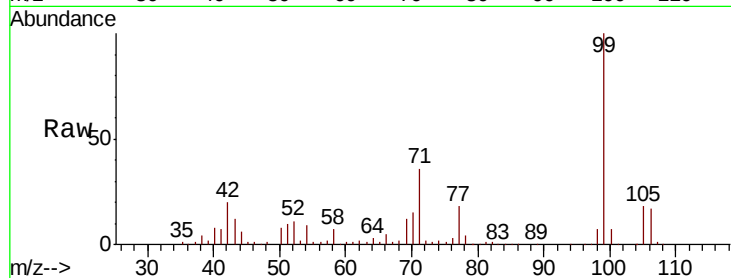
ClientSampleId :

PB117340BS

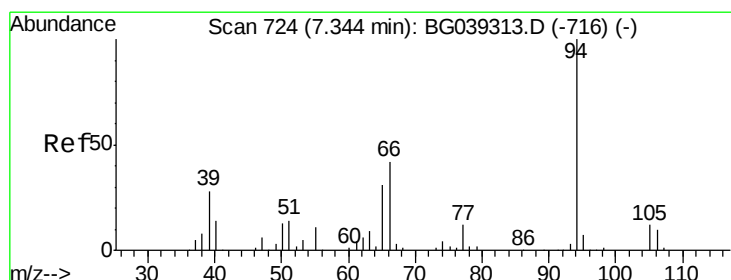
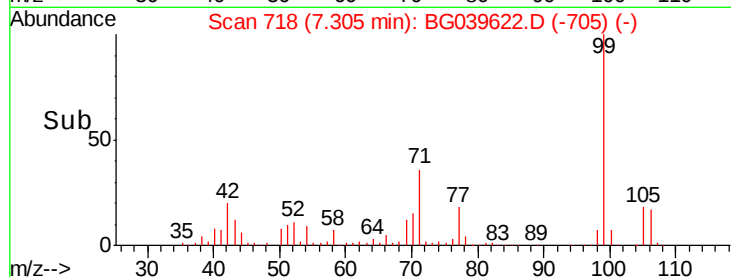
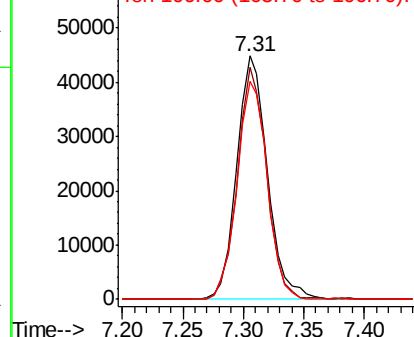
Tot Ion:	77	Resp:	79510
Ion	Ratio	Lower	Upper
77	100		
105	95.5	74.5	114.5
106	89.5	68.0	108.0

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: 45.021 ng

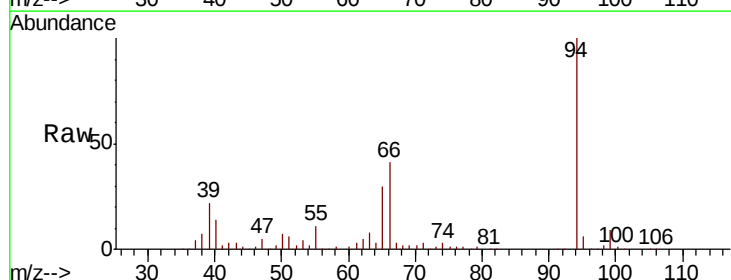
RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

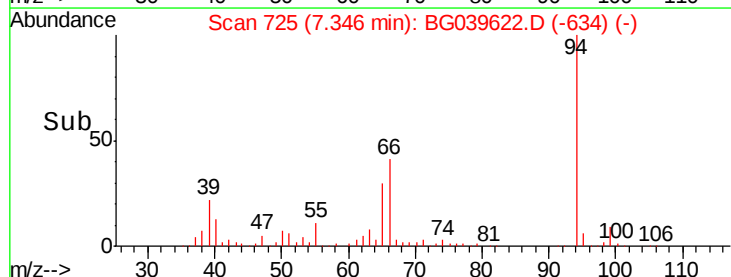
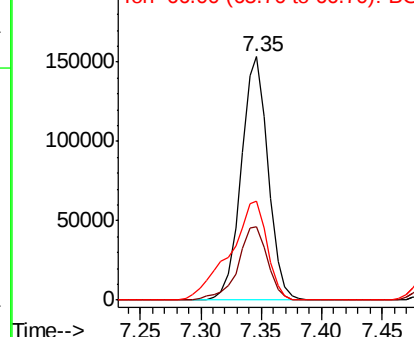
Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Tgt Ion:	94	Resp:	237899
Ion	Ratio	Lower	Upper
94	100		
65	30.1	11.7	51.7
66	40.8	23.7	63.7



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: 39.683 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.02 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Instrument :

BNA_G

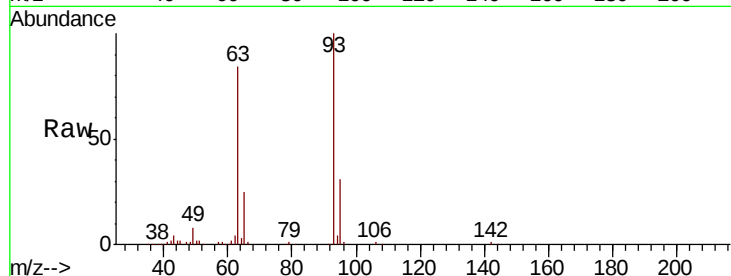
ClientSampled :

PB117340BS

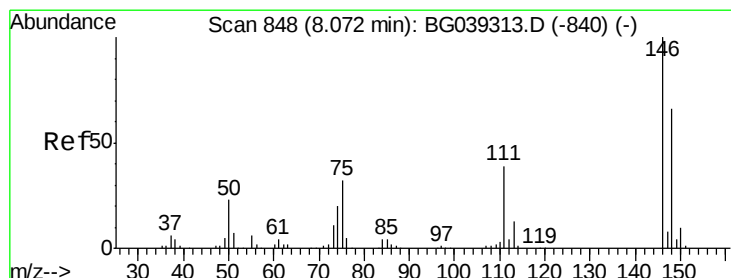
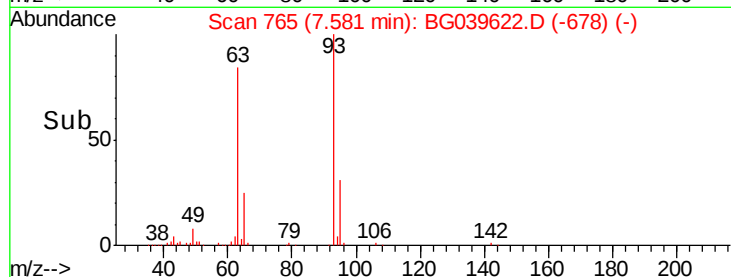
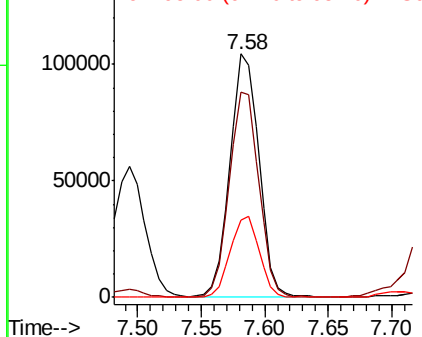
Tot Ion:	93	Resp:	165699
Ion	Ratio	Lower	Upper
93	100		
63	84.2	69.5	109.5
95	31.5	12.7	52.7

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Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 39.427 ng

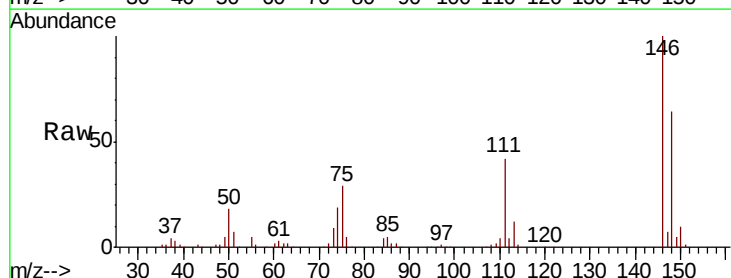
RT: 8.05 min Scan# 845

Delta R.T. -0.02 min

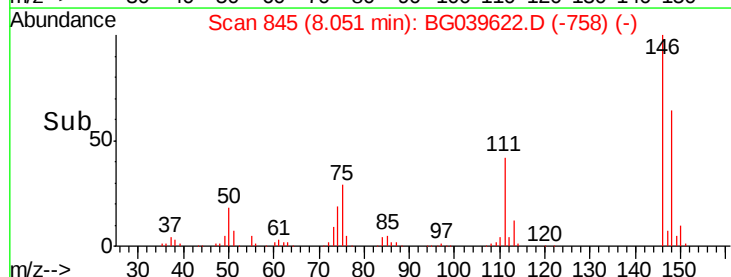
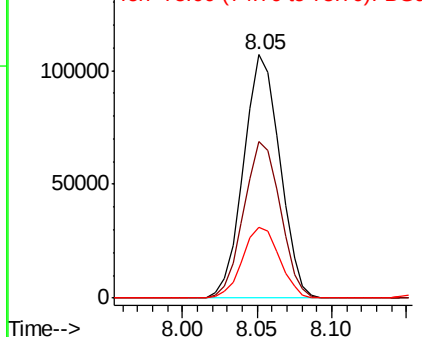
Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Tgt Ion:	146	Resp:	179796
Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.6	79.0
75	29.1	25.8	38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





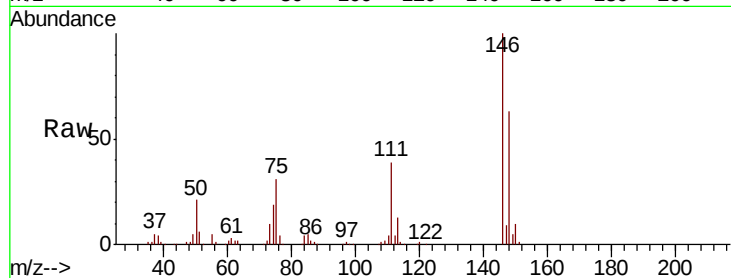
#13
1,4-Dichlorobenzene
Concen: 40.770 ng
RT: 8.20 min Scan# 871
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampled :
PB117340BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.1	76.7
111	39.2	32.6	48.8

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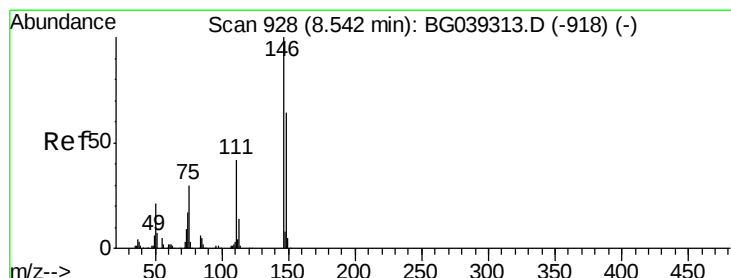
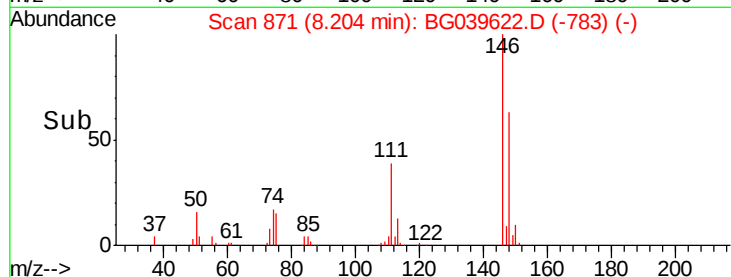
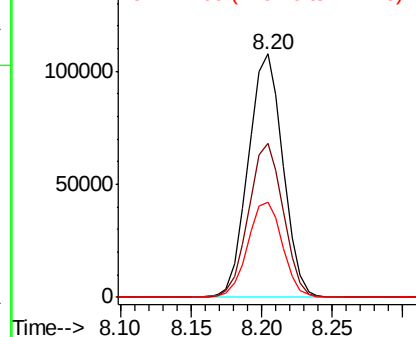


Abundance

Ion 146.00 (145.70 to 146.70): E

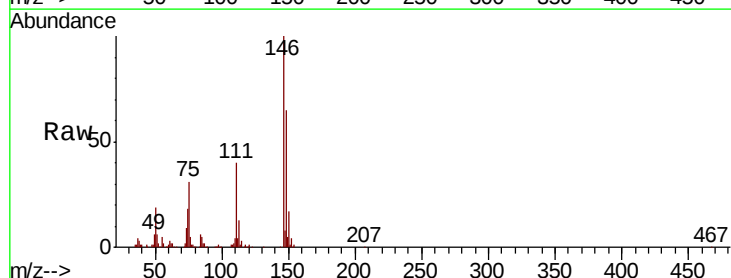
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 40.300 ng
RT: 8.52 min Scan# 925
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.5	77.3
111	39.6	33.8	50.6

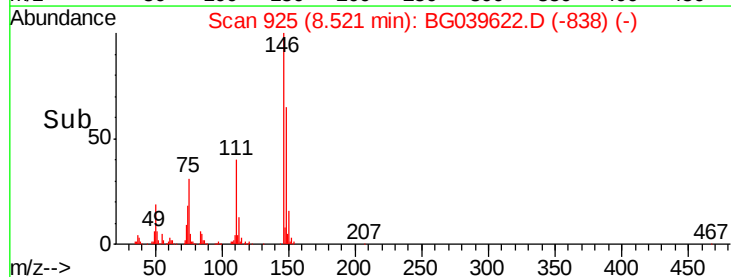
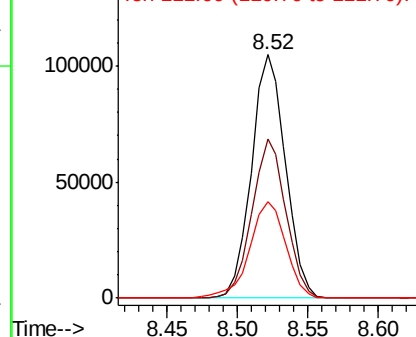


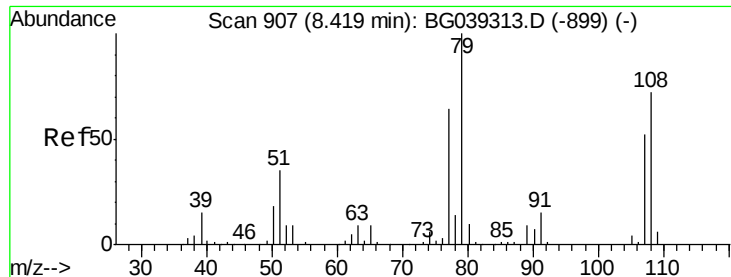
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.975 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.02 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Instrument :

BNA_G

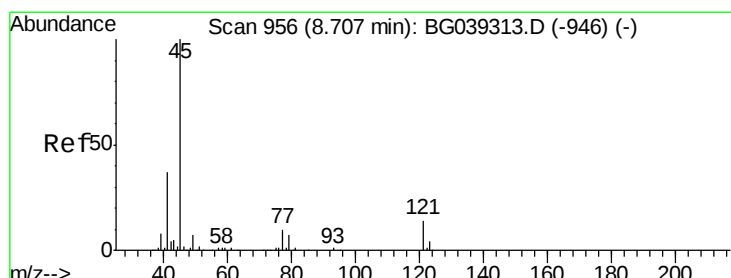
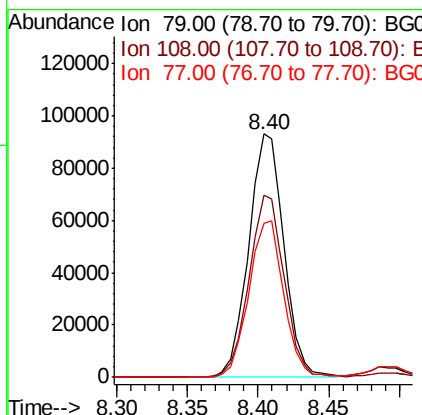
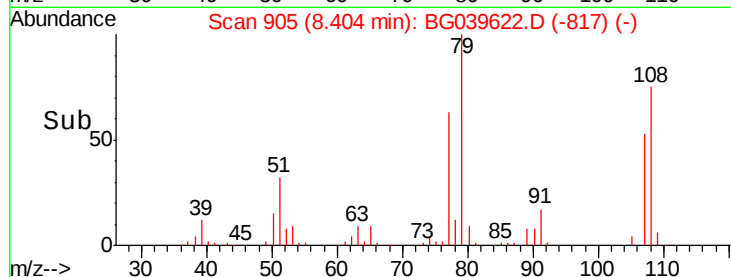
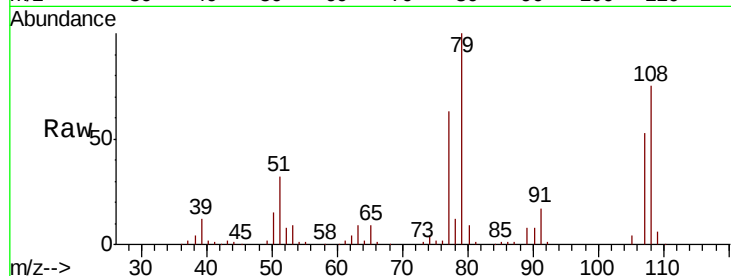
ClientSampleId :

PB117340BS

Tot Ion:	79	Resp:	163068
Ion Ratio	Lower	Upper	
79	100		
108	74.9	57.8	86.6
77	63.3	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.629 ng

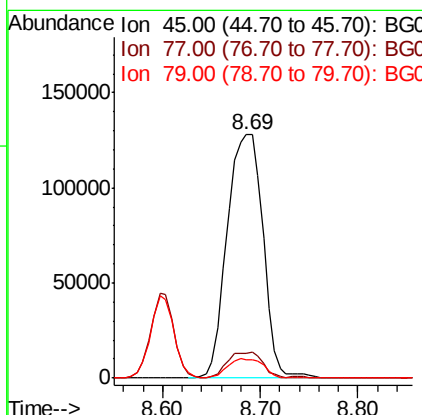
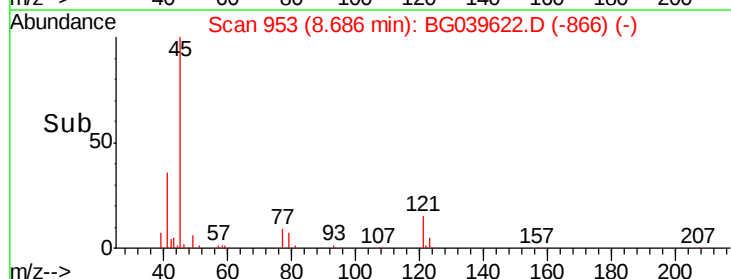
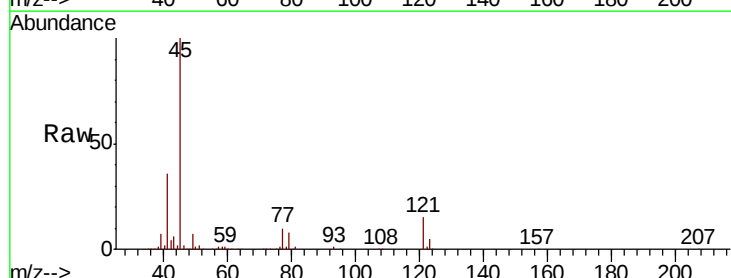
RT: 8.69 min Scan# 953

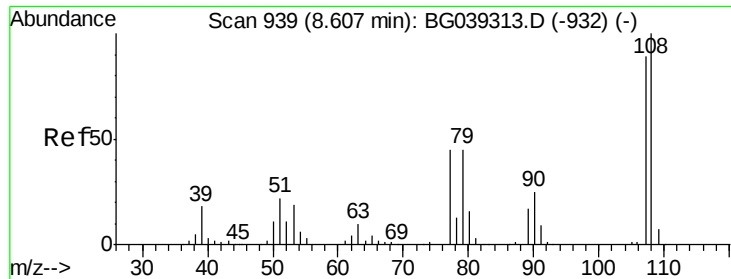
Delta R.T. -0.02 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Tgt Ion:	45	Resp:	326533
Ion Ratio	Lower	Upper	
45	100		
77	9.9	0.0	30.0
79	7.7	0.0	27.5





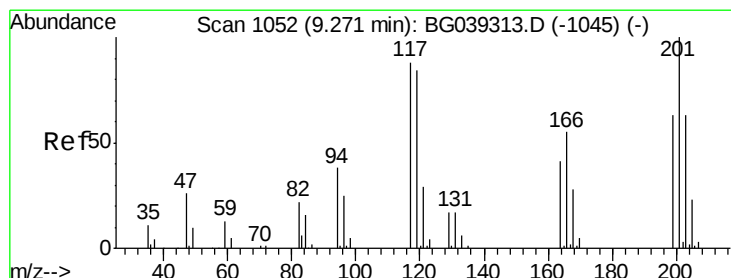
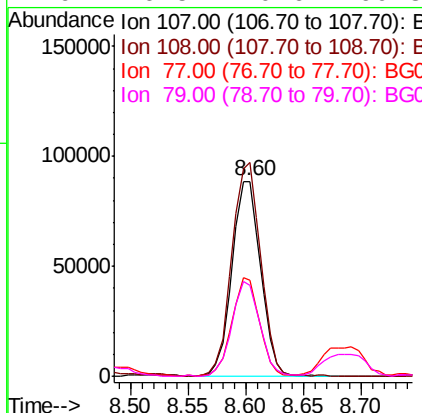
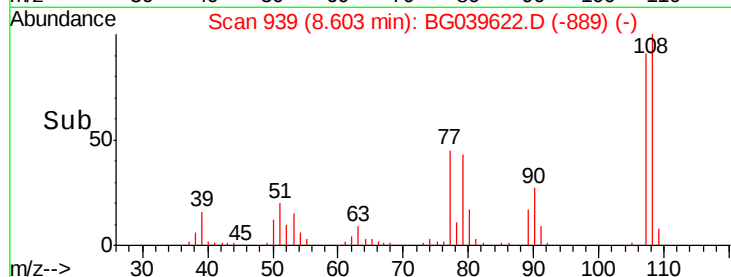
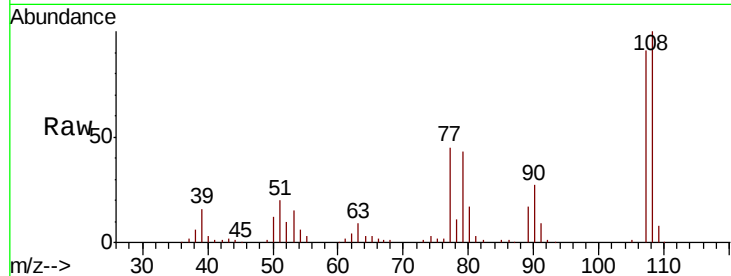
#17
2-Methylphenol
Concen: 44.848 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tot Ion:	107	Resp:	153360
Ion Ratio	Lower	Upper	
107	100		
108	109.5	90.8	136.2
77	49.2	40.7	61.1
79	46.5	40.6	60.8

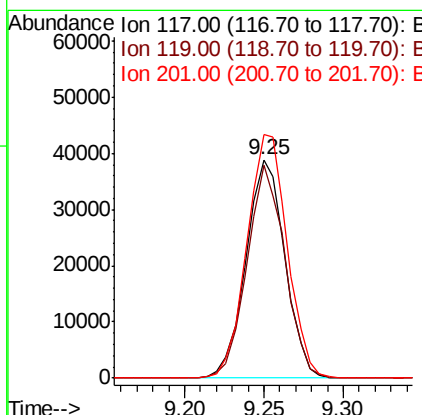
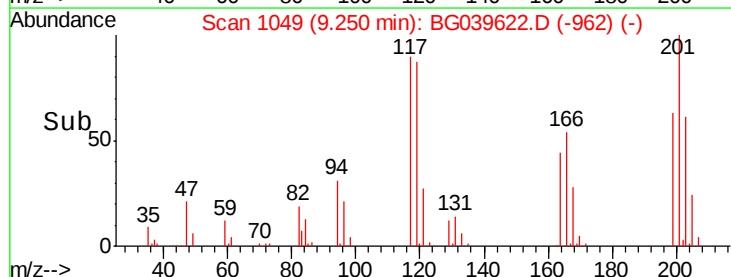
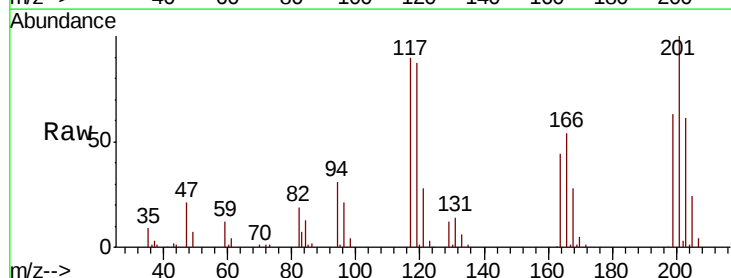
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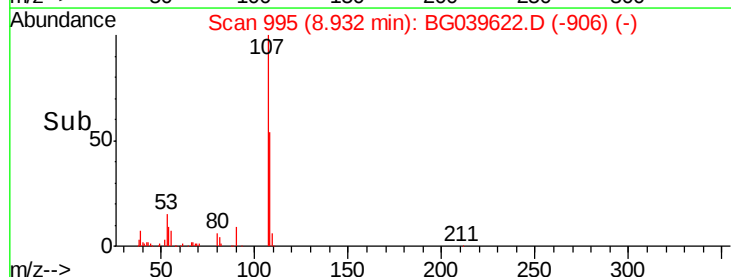
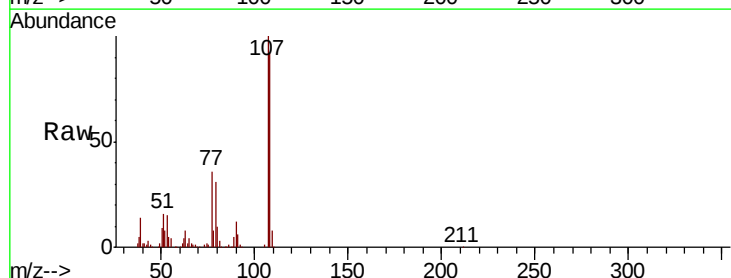
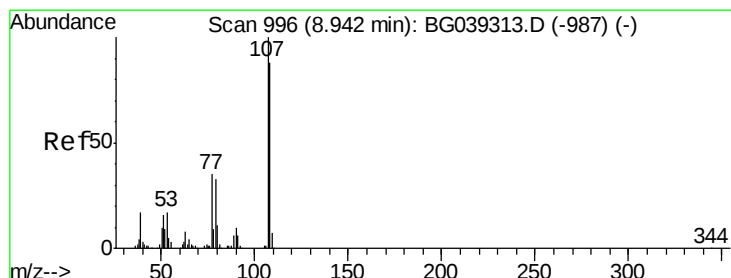
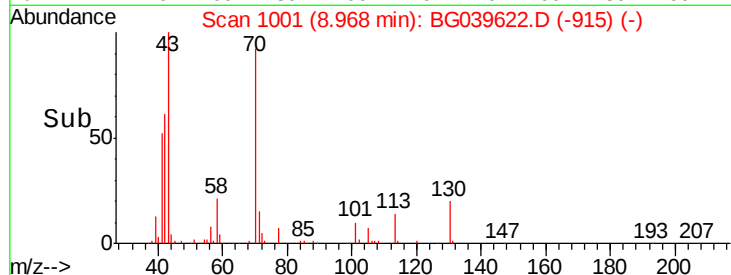
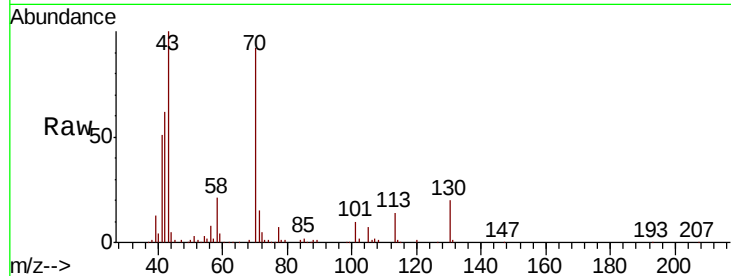
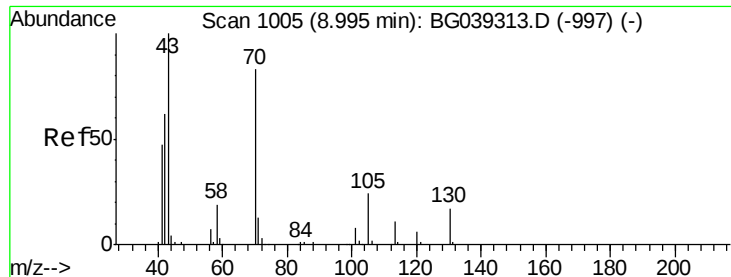
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#18
Hexachloroethane
Concen: 42.403 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

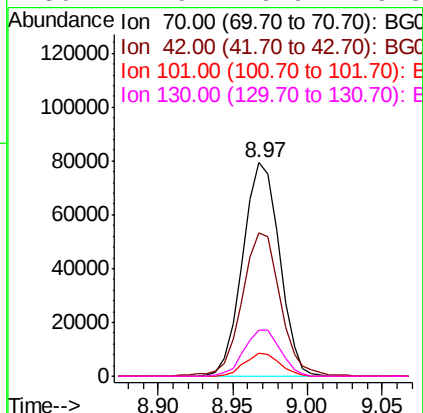
Tgt Ion:	117	Resp:	66309
Ion Ratio	Lower	Upper	
117	100		
119	97.4	76.3	114.5
201	111.4	91.1	136.7





#19
n-Nitroso-di-n-propylamine
Concen: 37.651 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	67.1	60.4	90.6		
101	10.8	7.5	11.3		
130	21.9	16.9	25.3		



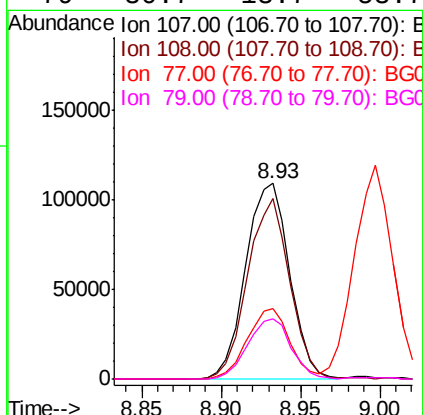
Instrument :
BNA_G
ClientSampleId :
PB117340BS

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#20
3+4-Methylphenols
Concen: 44.565 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.1	67.9	107.9		
77	36.3	15.4	55.4		
79	30.7	13.7	53.7		





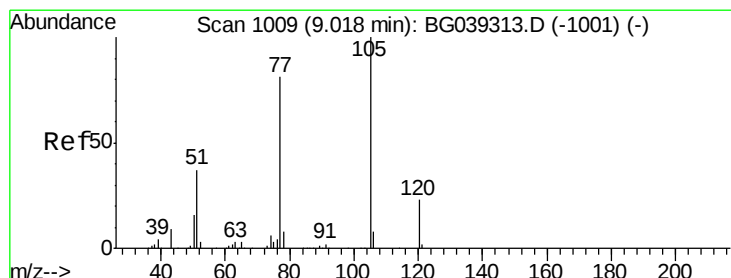
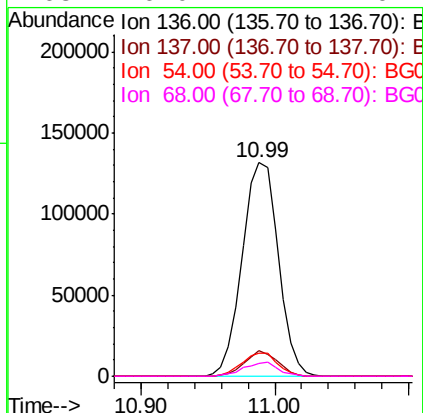
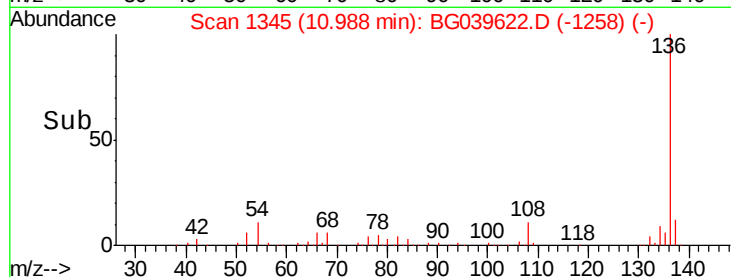
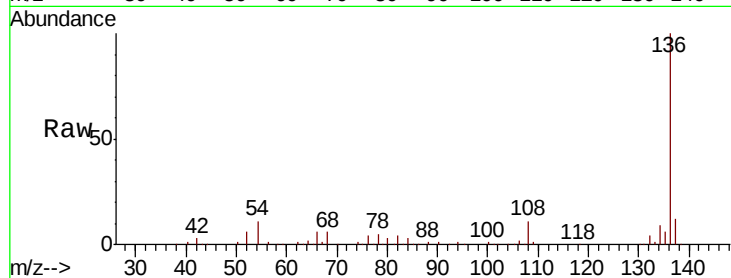
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	245536		
137	11.7	9.1	13.7	
54	10.8	9.4	14.2	
68	6.0	4.2	6.4	

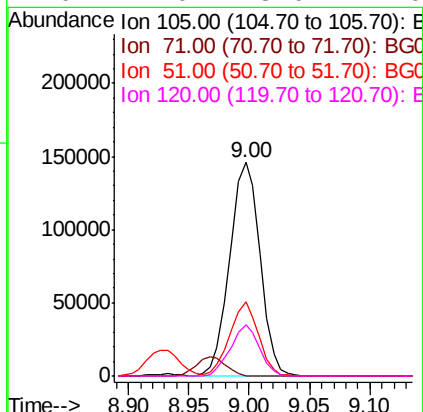
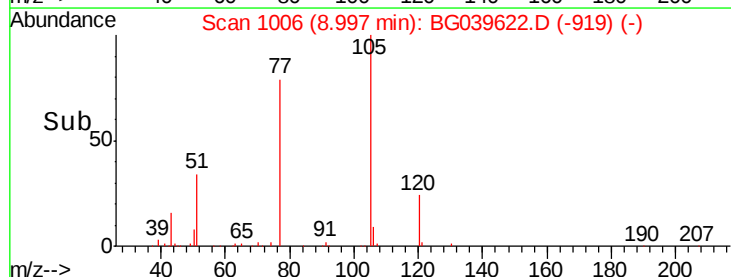
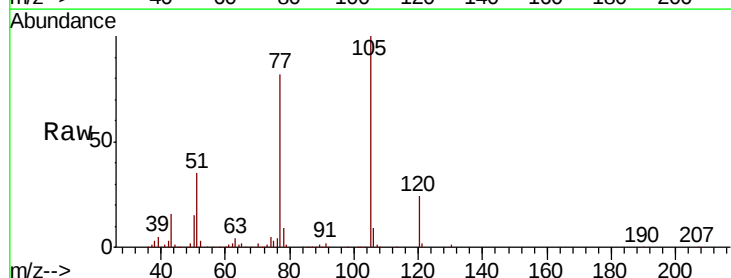
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#22
Acetophenone
Concen: 38.754 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	255600		
71	0.2	0.8	1.2#	
51	34.9	30.2	45.2	
120	24.0	18.0	27.0	





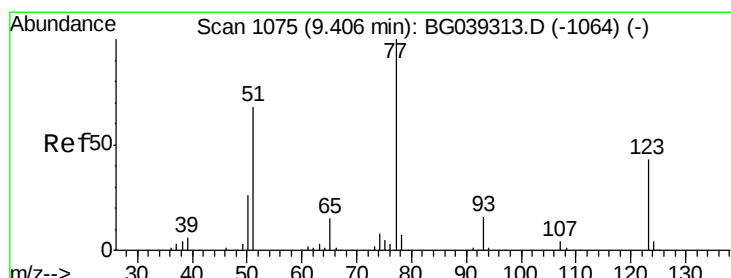
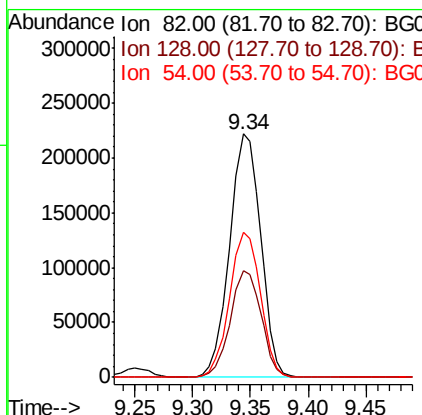
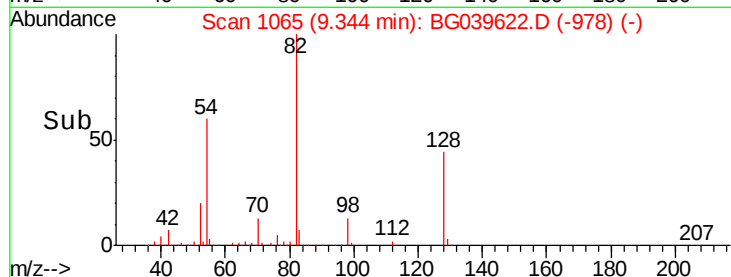
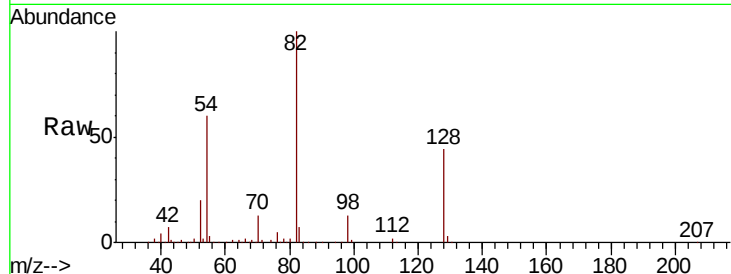
#23
Nitrobenzene-d5
Concen: 105.347 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.0	31.3	46.9	
54	59.8	50.9	76.3	

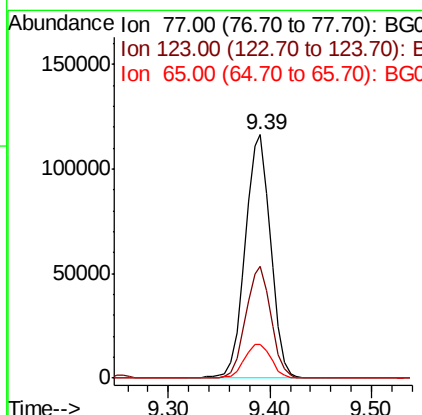
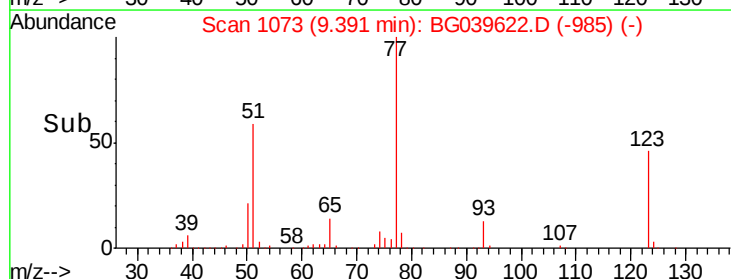
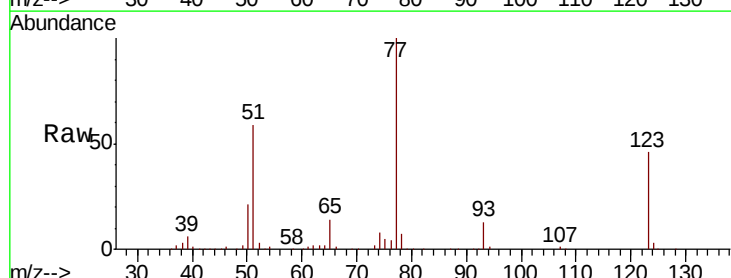
Manual Integrations
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#24
Nitrobenzene
Concen: 47.495 ng
RT: 9.39 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.9	34.1	51.1	
65	13.8	12.3	18.5	





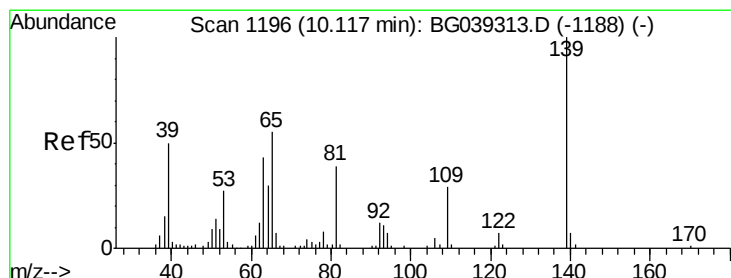
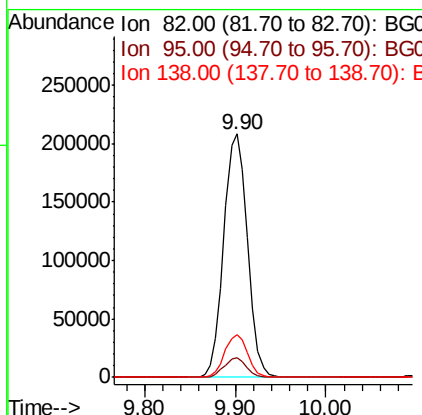
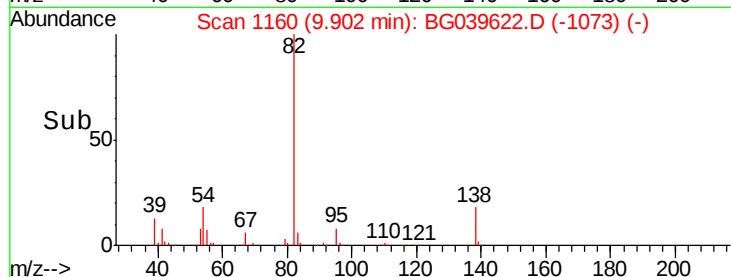
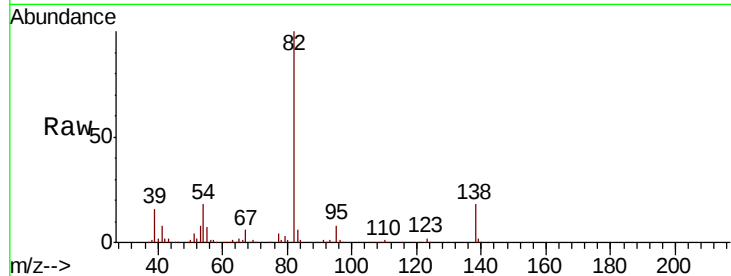
#25
Isophorone
Concen: 43.235 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampled :
PB117340BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.2	6.2	9.2	
138	17.7	13.0	19.4	

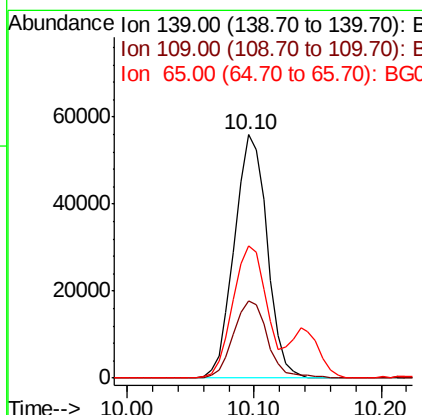
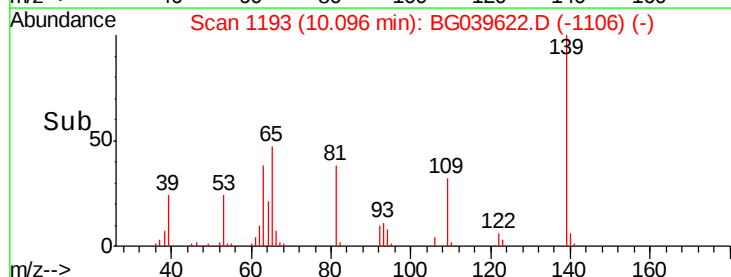
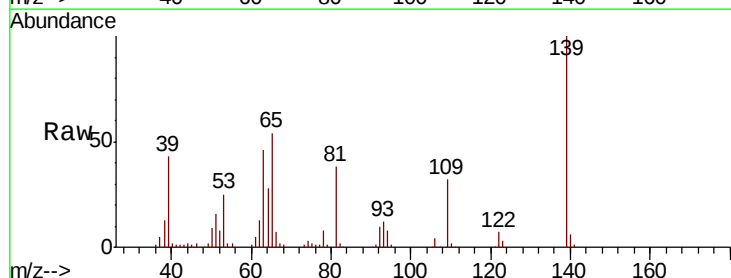
Manual Integrations
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#26
2-Nitrophenol
Concen: 56.800 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.9	23.4	35.0	
65	54.5	44.3	66.5	





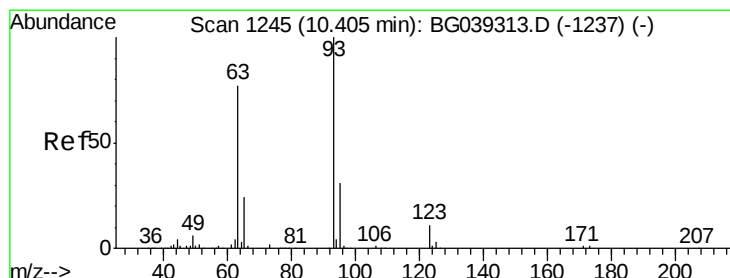
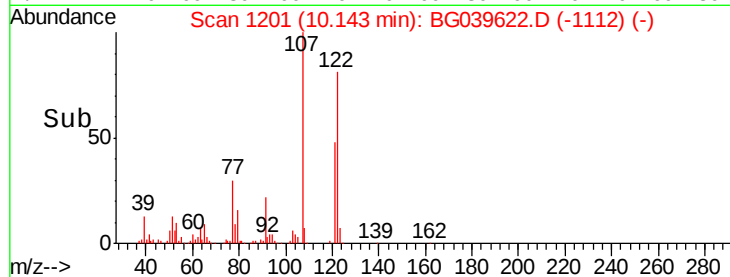
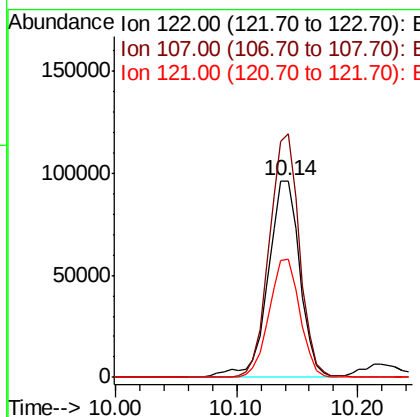
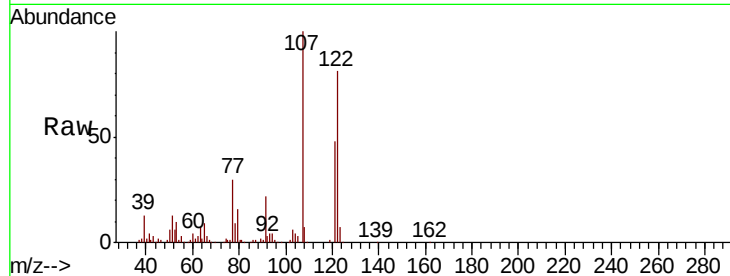
#27
2,4-Dimethylphenol
Concen: 49.491 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	174371		
107	123.7	91.7	137.5	
121	59.8	46.4	69.6	

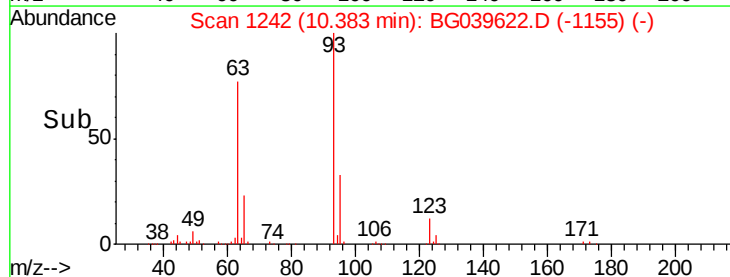
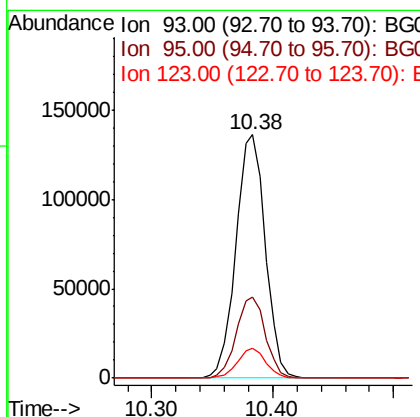
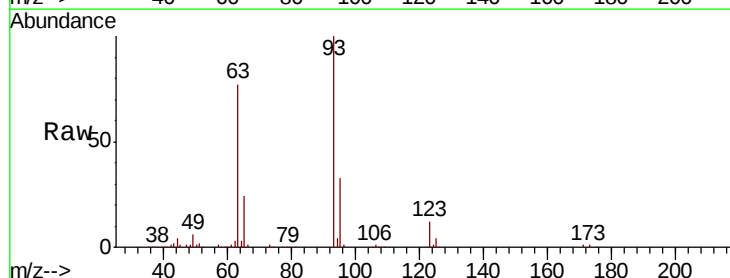
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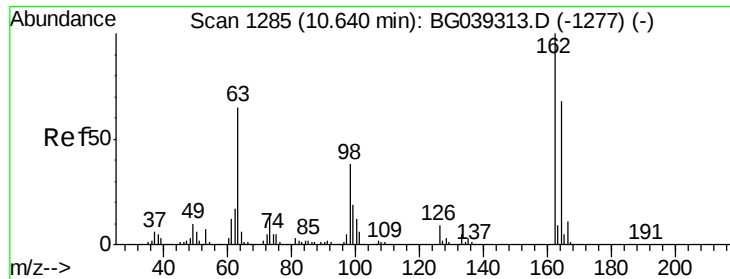
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 42.916 ng
RT: 10.38 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	230228		
95	33.5	25.0	37.4	
123	12.3	8.6	12.8	





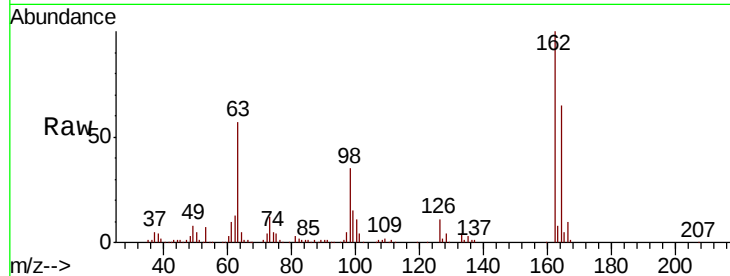
#29
2,4-Dichlorophenol
Concen: 49.153 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampled :
PB117340BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	189273		
164	64.5	48.1	88.1	
98	34.6	18.1	58.1	

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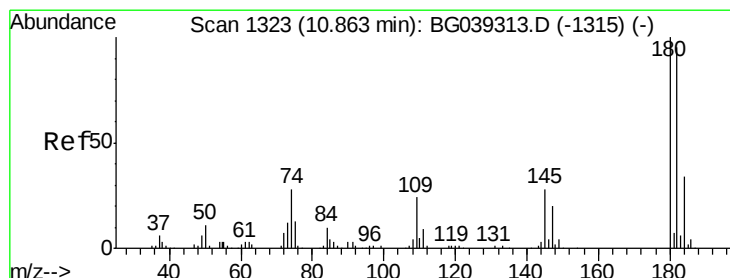
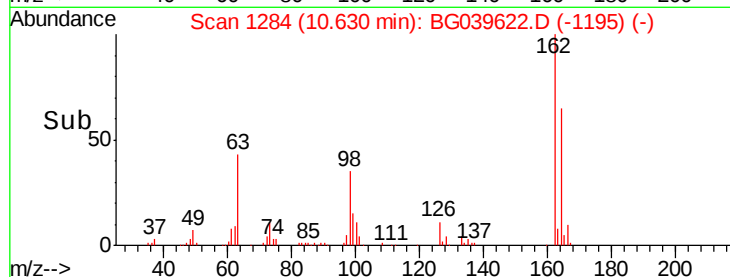
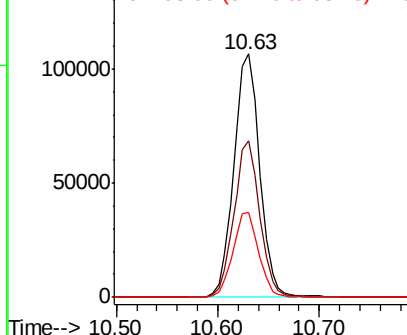


Abundance

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): BGC



#30
1,2,4-Trichlorobenzene
Concen: 43.198 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

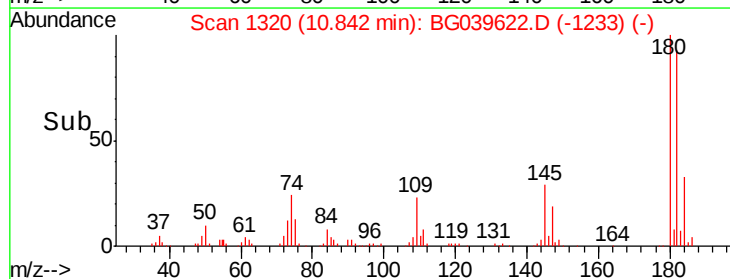
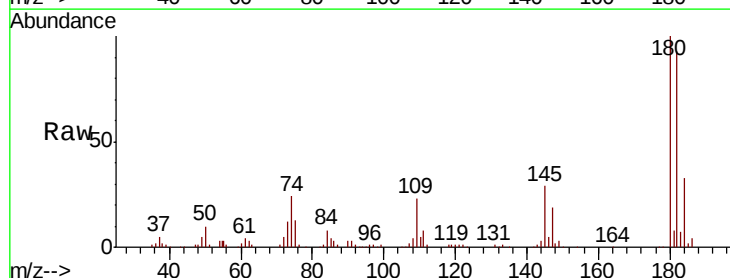
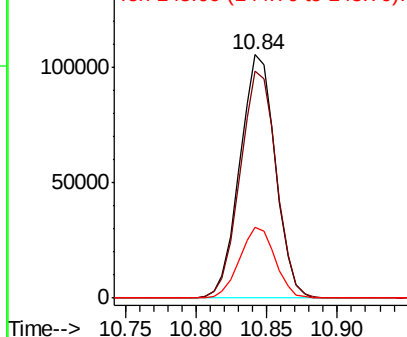
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	186751		
182	93.0	76.0	114.0	
145	29.2	22.7	34.1	

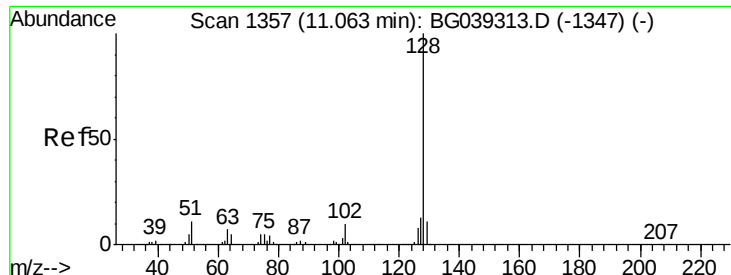
Abundance

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





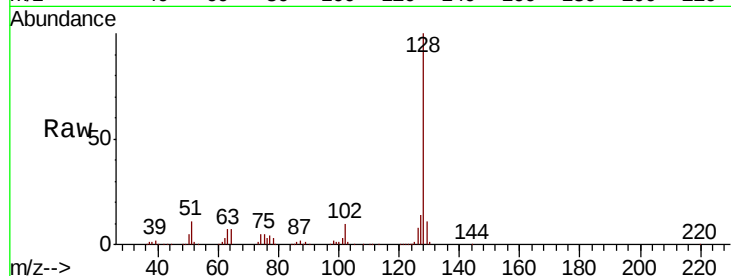
#31
Naphthalene
Concen: 44.169 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.8	8.7	13.1	
127	13.9	10.8	16.2	

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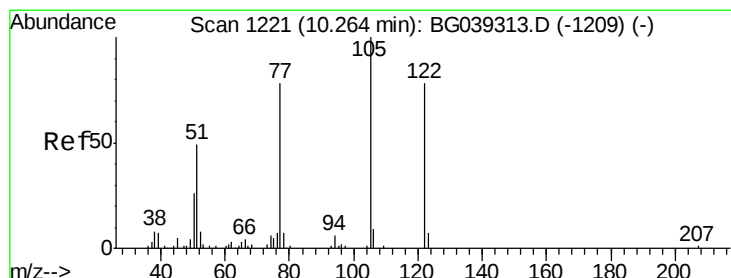
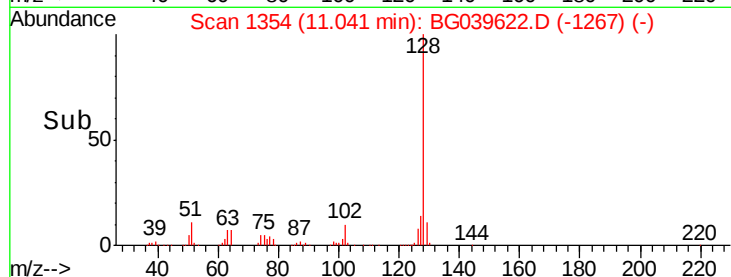
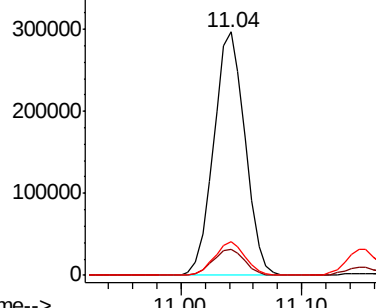


Abundance

Ion 128.00 (127.70 to 128.70): E

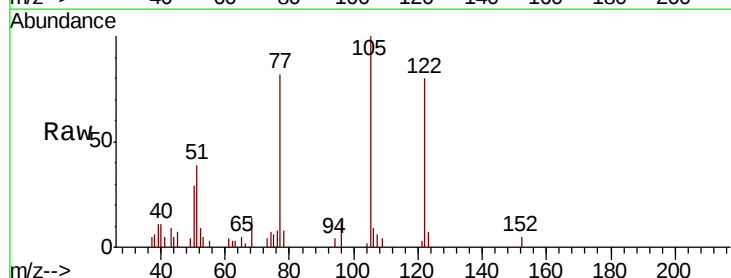
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 18.205 ng m
RT: 10.21 min Scan# 1213
Delta R.T. -0.05 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	125.5	101.8	141.8	
77	103.4	76.3	116.3	

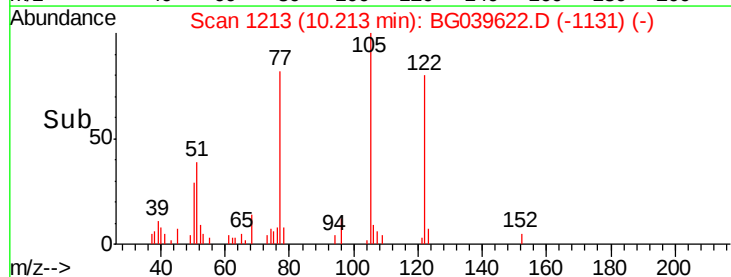
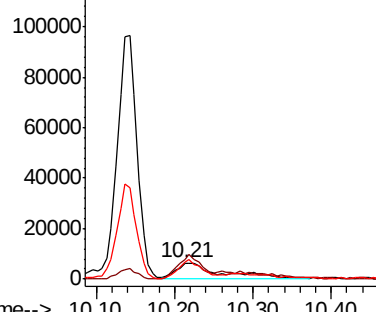


Abundance

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





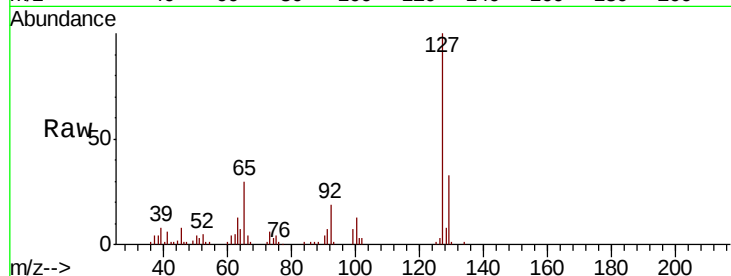
#33
4-Chloroaniline
Concen: 10.538 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.0	40.4
65	30.2	28.8	43.2
92	19.3	16.6	25.0

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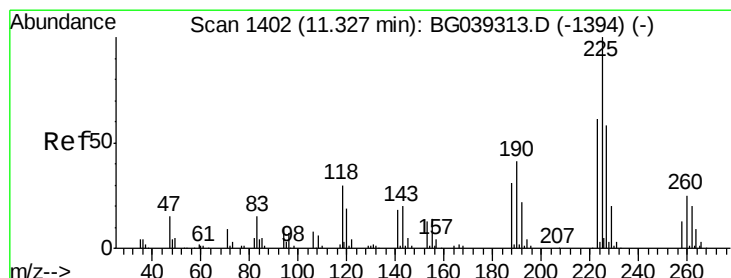
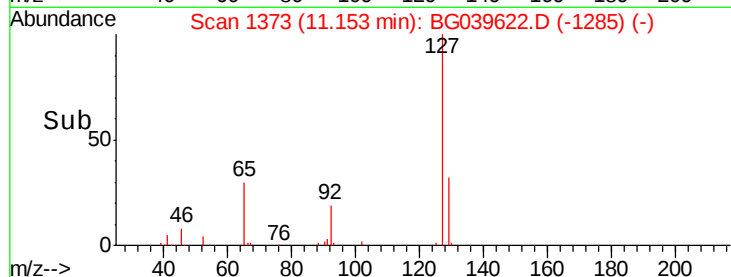
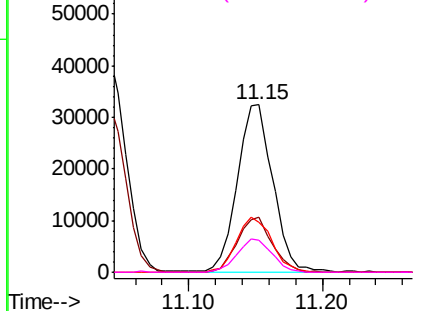
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

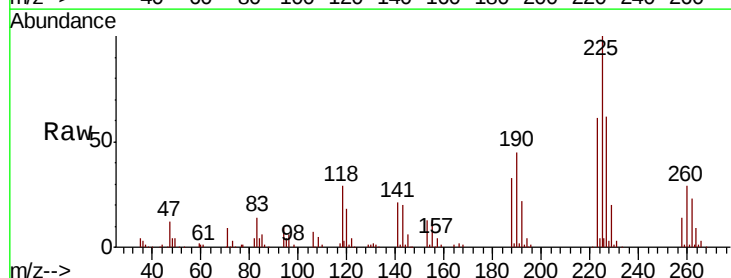
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 42.017 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.0	73.6
227	62.4	46.3	69.5

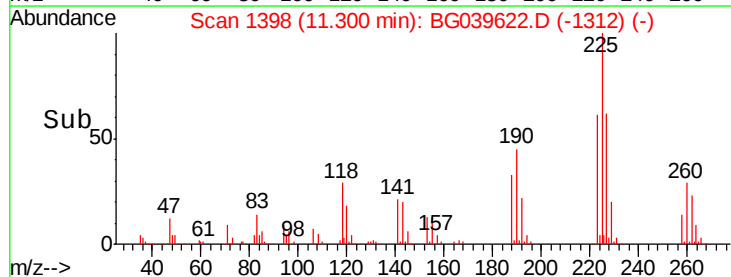
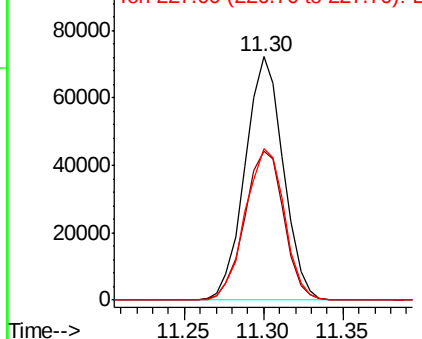


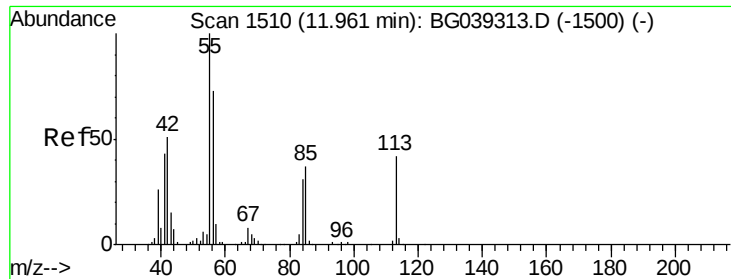
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.312 ng

RT: 11.93 min Scan# 1506

Delta R.T. -0.03 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Instrument :

BNA_G

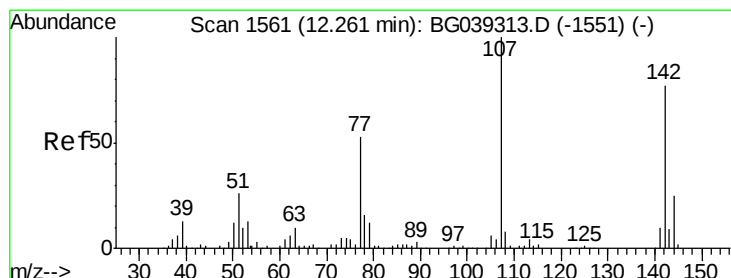
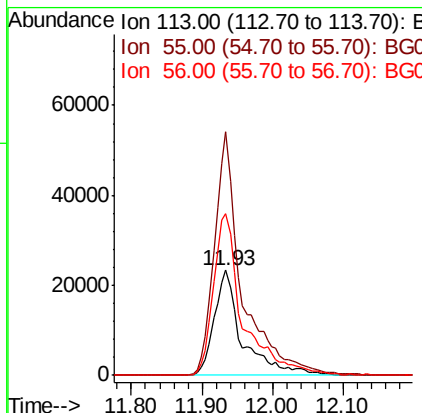
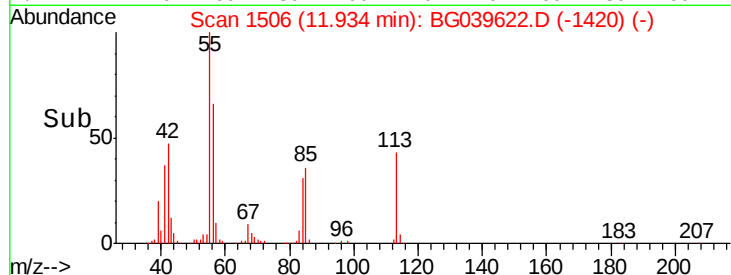
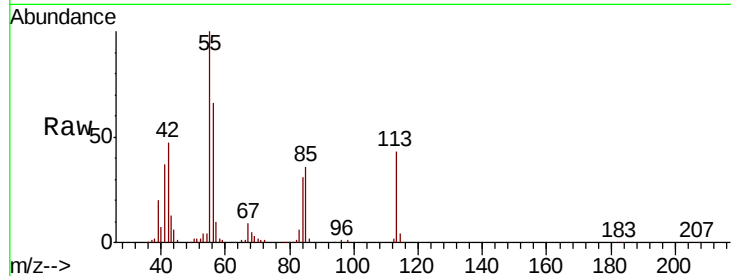
ClientSampled :

PB117340BS

Tot Ion:113 Resp: 64235
 Ion Ratio Lower Upper
 113 100
 55 231.8 216.9 256.9
 56 153.5 152.6 192.6

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#36

4-Chloro-3-methylphenol

Concen: 44.369 ng

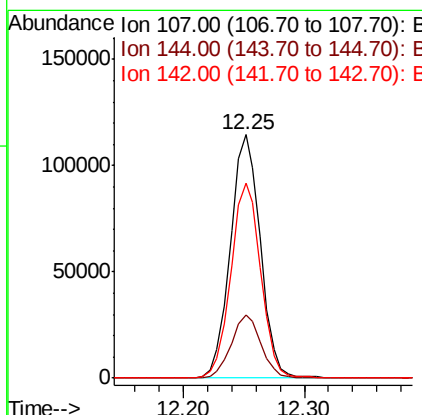
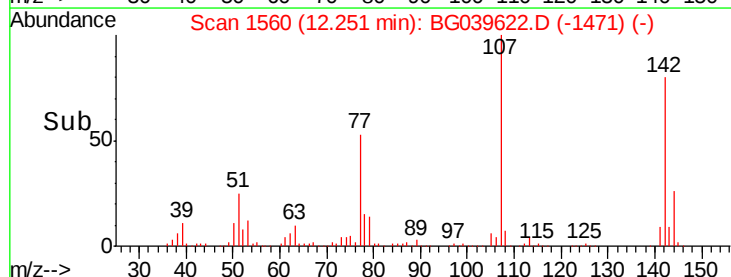
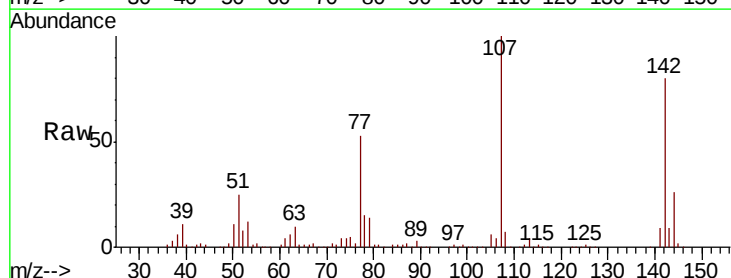
RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Tgt Ion:107 Resp: 197588
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.2 30.2
 142 80.1 61.4 92.2





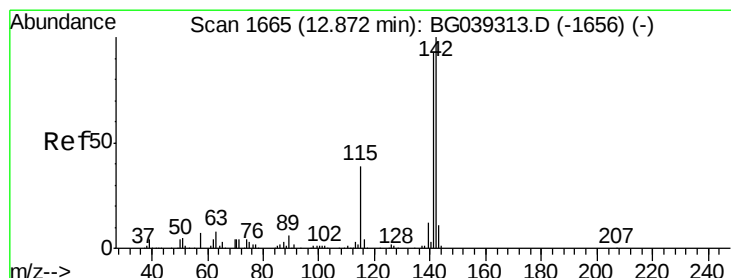
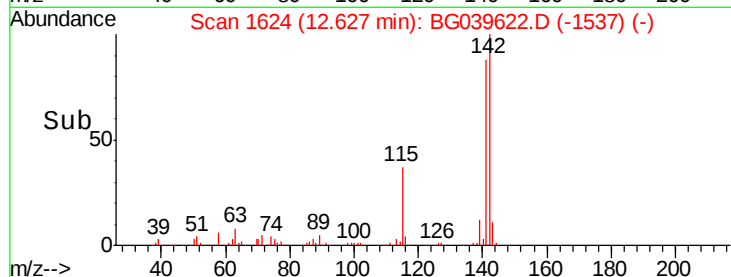
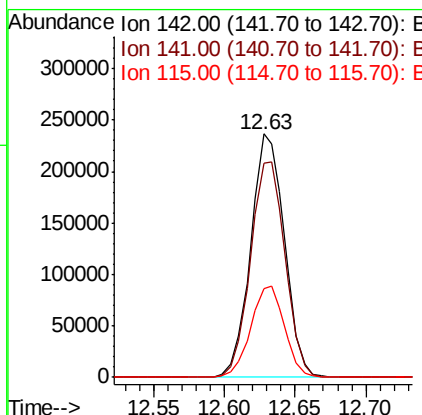
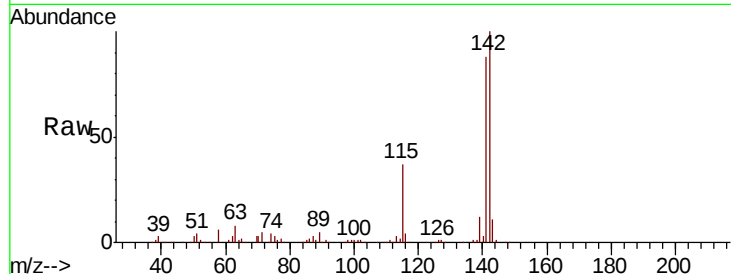
#37
2-Methylnaphthalene
Concen: 44.054 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	73.5	110.3
115	36.6	30.8	46.2

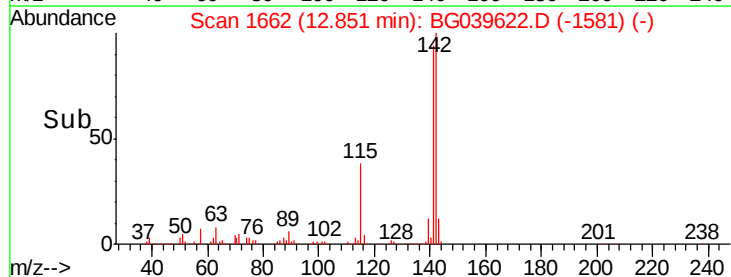
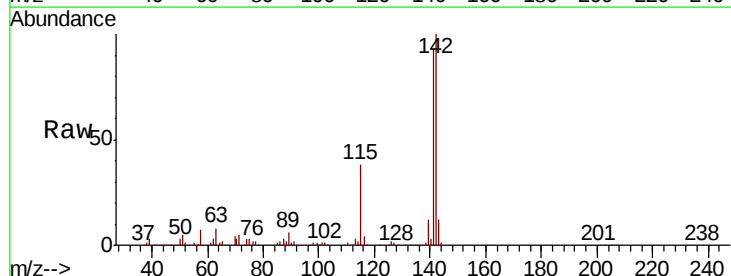
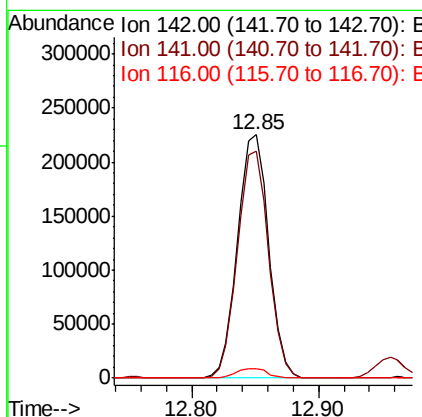
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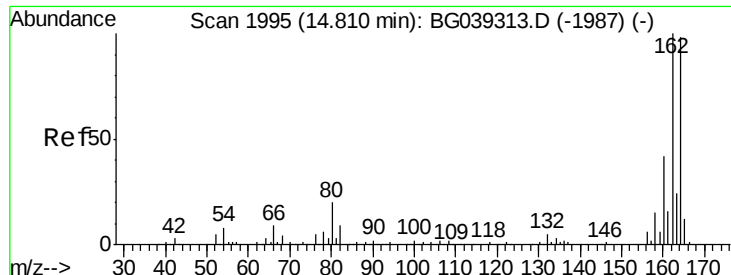
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#38
1-Methylnaphthalene
Concen: 43.971 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.2	111.4
116	3.8	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Instrument :

BNA_G

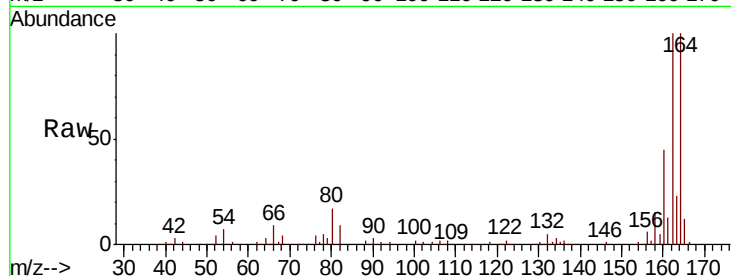
ClientSampled :

PB117340BS

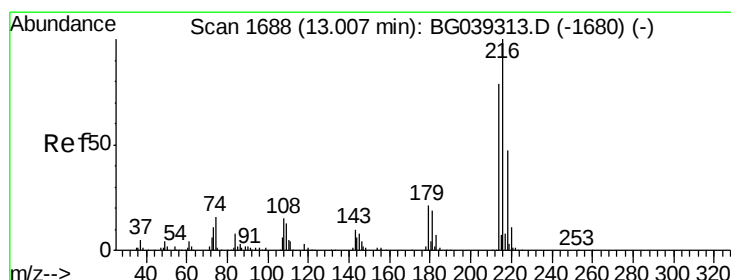
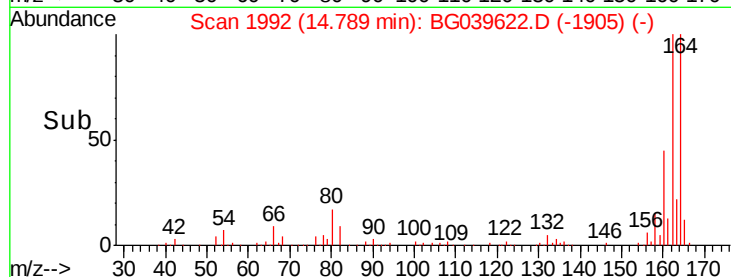
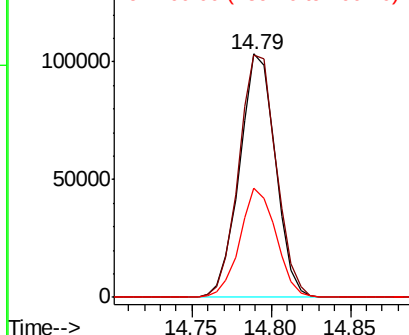
Tot Ion:	164	Resp:	162327
Ion Ratio	Lower	Upper	
164	100		
162	99.6	81.6	122.4
160	44.9	34.2	51.2

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.913 ng

RT: 12.99 min Scan# 1686

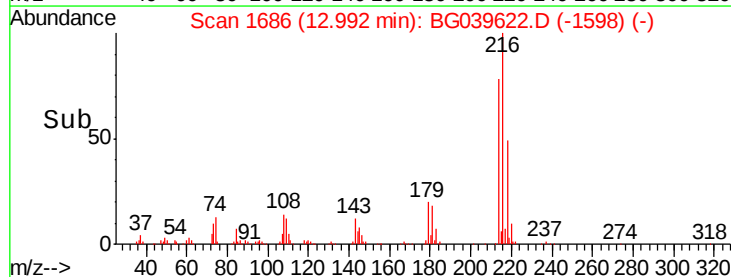
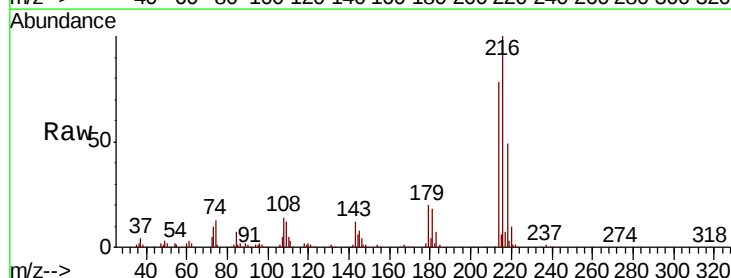
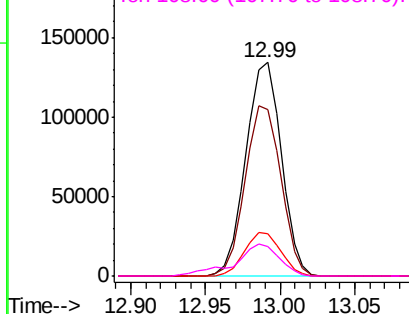
Delta R.T. -0.02 min

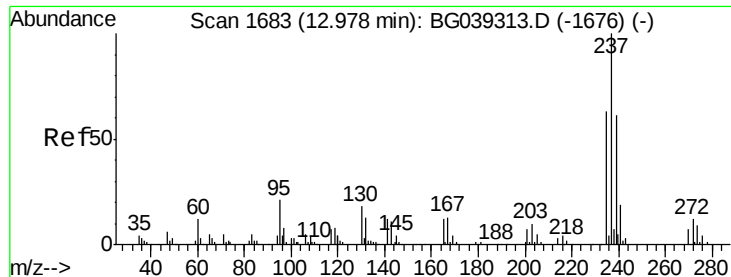
Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Tgt Ion:	216	Resp:	221634
Ion Ratio	Lower	Upper	
216	100		
214	80.2	62.6	94.0
179	20.7	16.6	25.0
108	18.5	14.0	21.0

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 98.771 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Instrument :

BNA_G

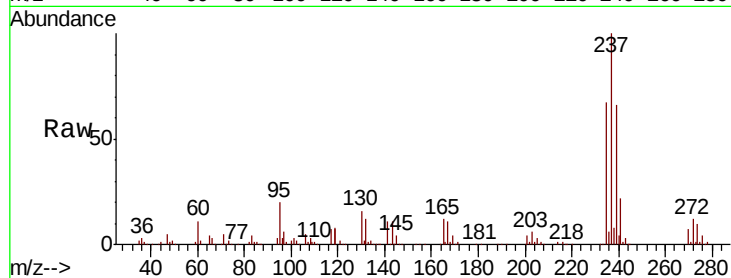
ClientSampleId :

PB117340BS

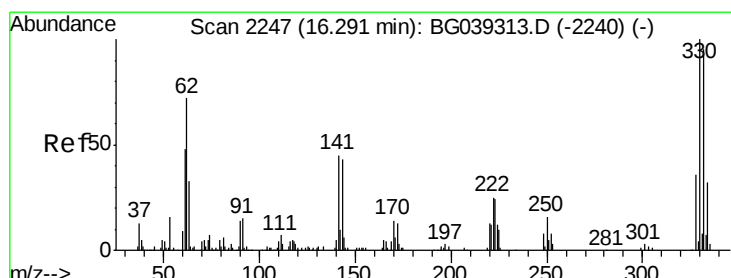
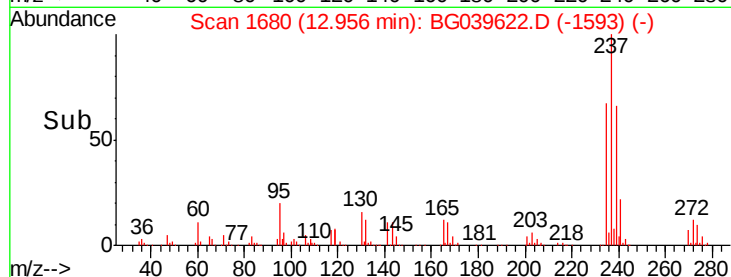
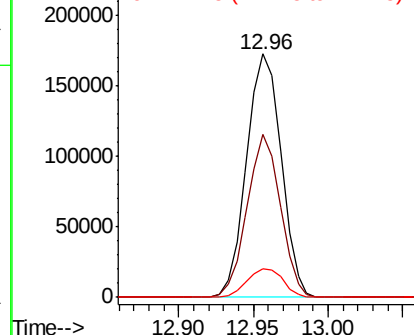
Tot Ion:	237	Resp:	277978
Ion Ratio	Lower	Upper	
237	100		
235	66.7	43.3	83.3
272	11.6	0.0	32.3

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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: 154.932 ng

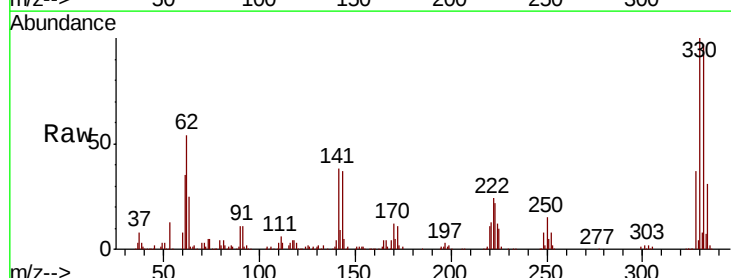
RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

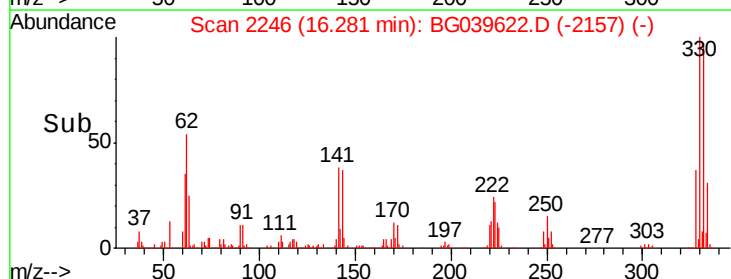
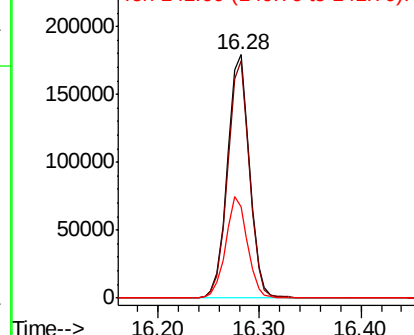
Lab File: BG039622.D

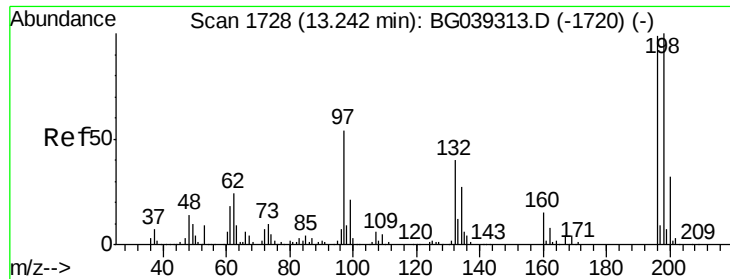
Acq: 27 Feb 2019 5:57

Tgt Ion:	330	Resp:	270818
Ion Ratio	Lower	Upper	
330	100		
332	96.3	75.7	113.5
141	40.8	35.6	53.4



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





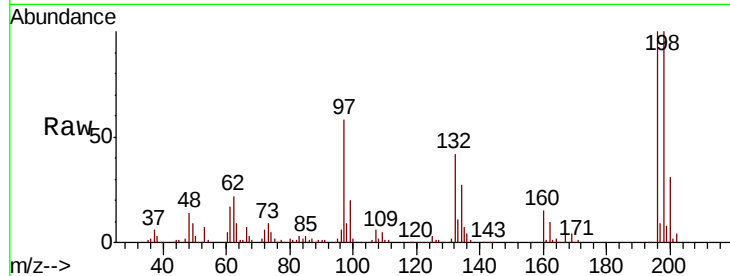
#43
 2,4,6-Trichlorophenol
 Concen: 48.546 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.02 min
 Lab File: BG039622.D
 Acq: 27 Feb 2019 5:57

Instrument :
 BNA_G
 ClientSampled :
 PB117340BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	154162		
198	100.0	80.6	121.0	
200	31.2	26.1	39.1	

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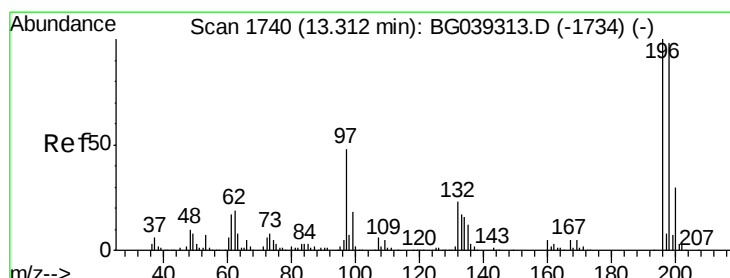
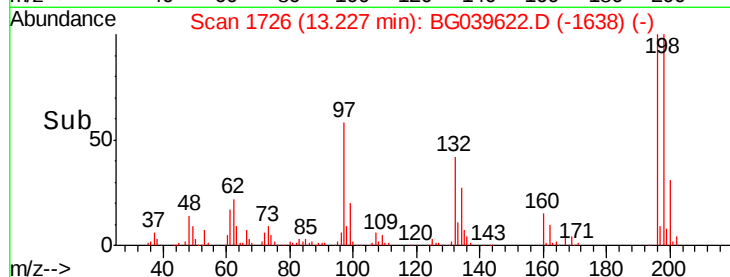
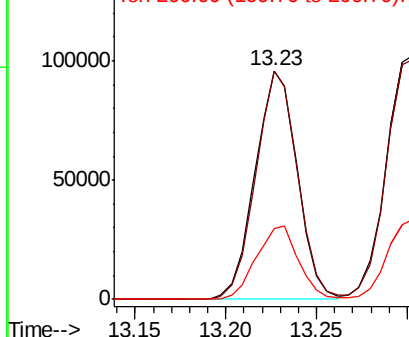


Abundance

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: 50.101 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039622.D
 Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	166748		
198	98.3	78.5	117.7	
97	44.2	38.4	57.6	
132	23.3	19.2	28.8	

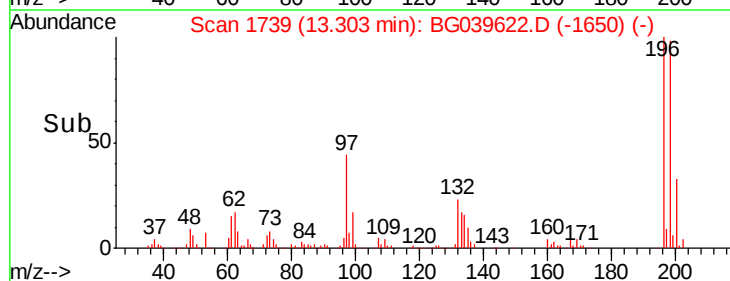
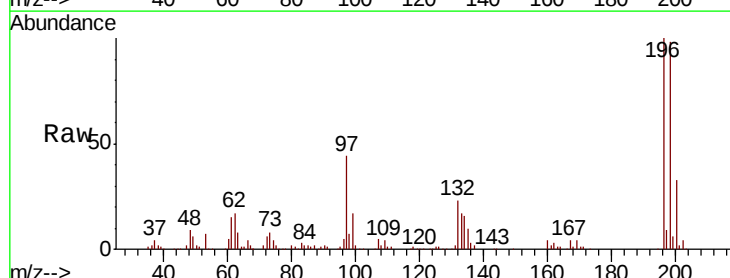
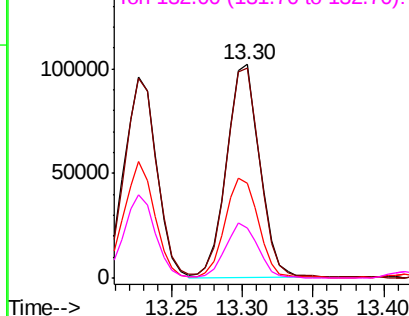
Abundance

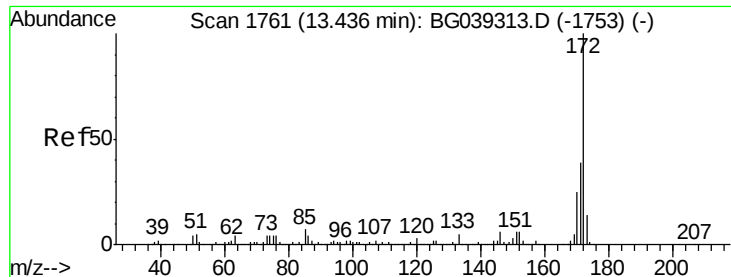
Ion 196.00 (195.70 to 196.70): E

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





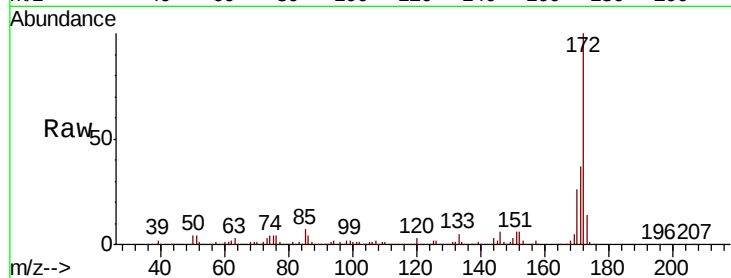
#45
2-Fluorobiphenyl
Concen: 86.984 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	25.6	20.2	30.4

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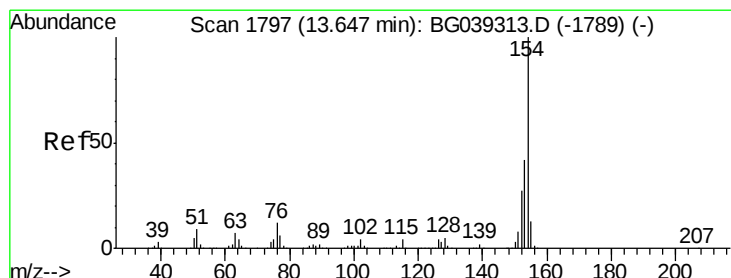
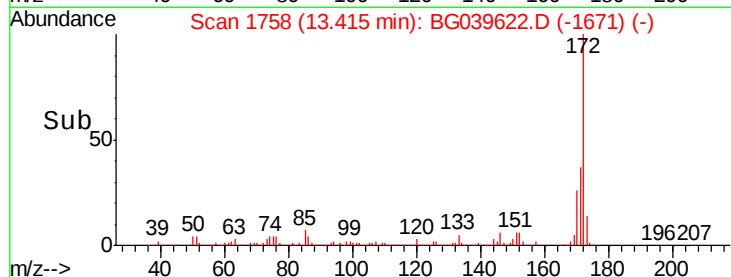
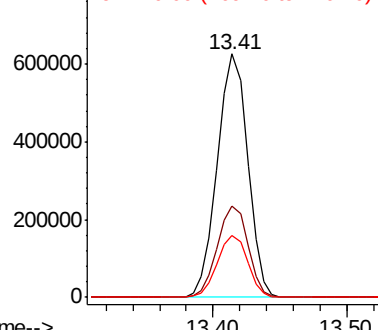


Abundance

Ion 172.00 (171.70 to 172.70): E

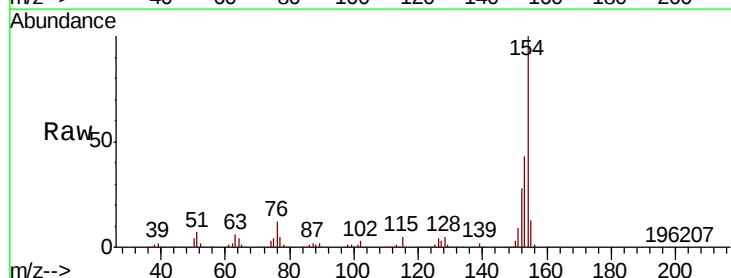
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.760 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.1	62.1
76	11.6	0.0	32.4

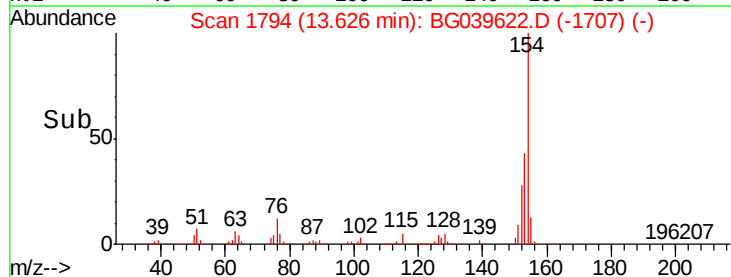
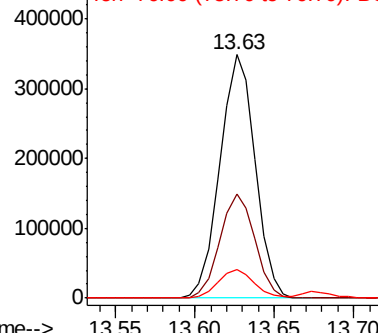


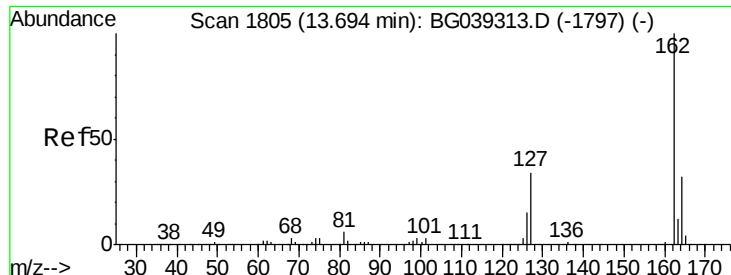
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





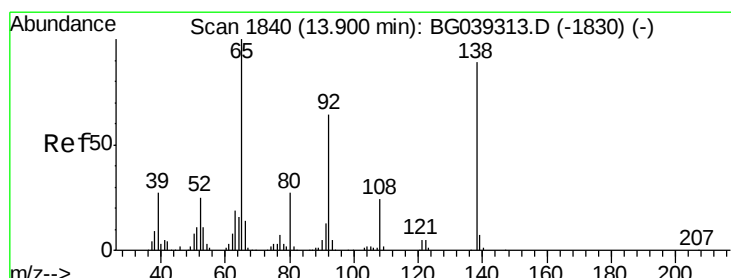
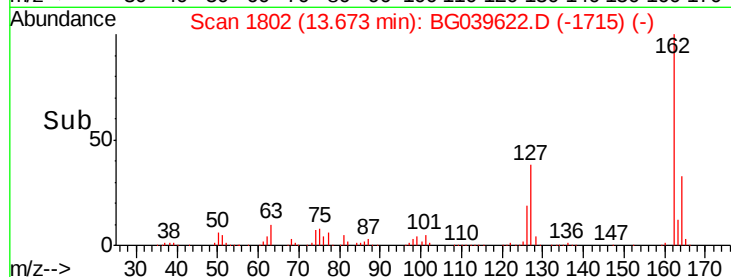
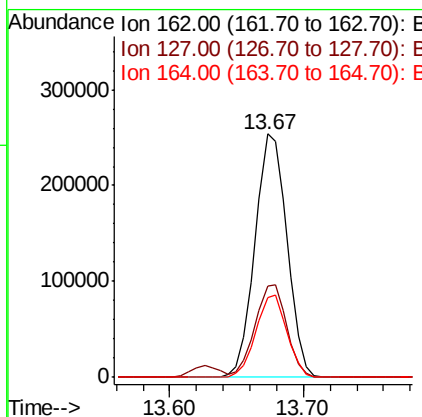
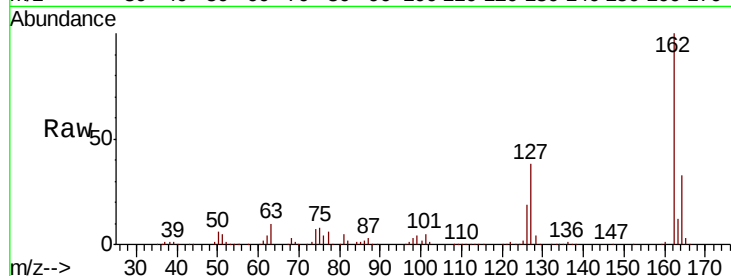
#47
 2-Chloronaphthalene
 Concen: 41.293 ng
 RT: 13.67 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG039622.D
 Acq: 27 Feb 2019 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB117340BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		419552		
127	37.7	31.0	46.6		
164	33.0	25.7	38.5		

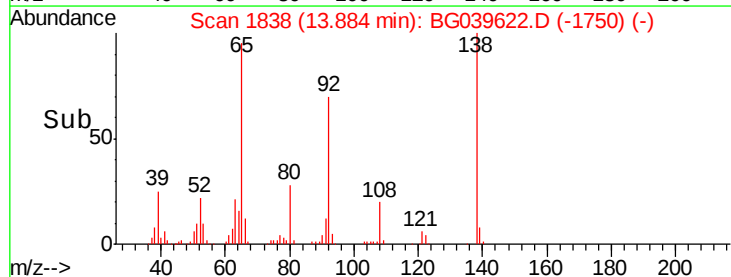
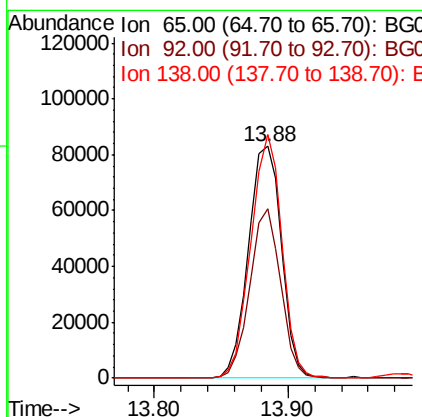
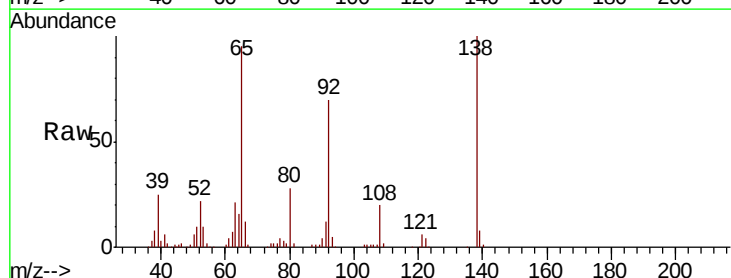
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#48
 2-Nitroaniline
 Concen: 48.473 ng
 RT: 13.88 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG039622.D
 Acq: 27 Feb 2019 5:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		141766		
92	73.1	51.4	77.2		
138	105.0	71.4	107.2		





#49

Acenaphthylene

Concen: 43.840 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Instrument :

BNA_G

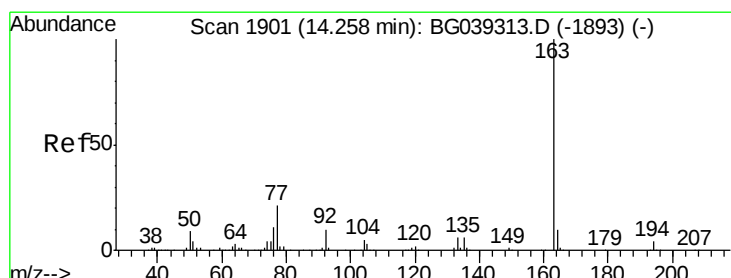
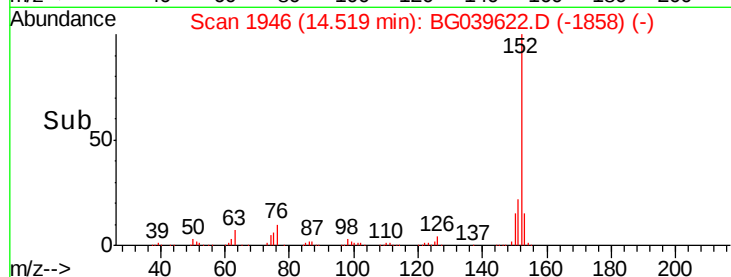
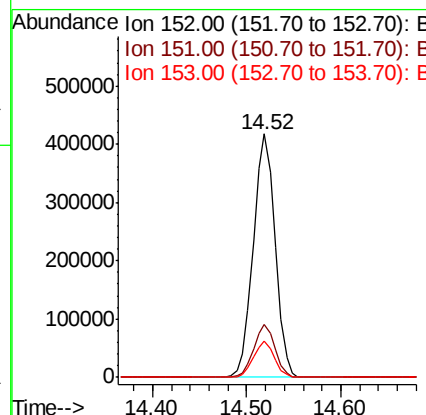
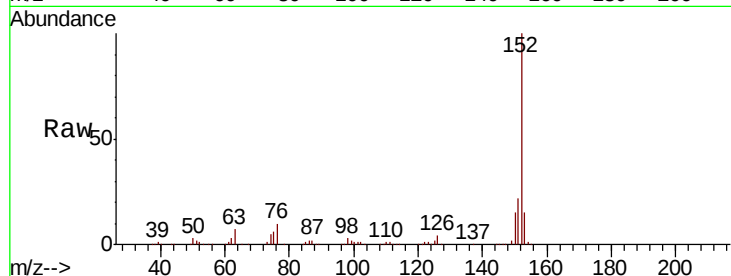
ClientSampled :

PB117340BS

Tot Ion:	152	Resp:	672119
Ion Ratio	Lower	Upper	
152	100		
151	21.8	16.8	25.2
153	14.7	11.7	17.5

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#50

Dimethylphthalate

Concen: 41.784 ng

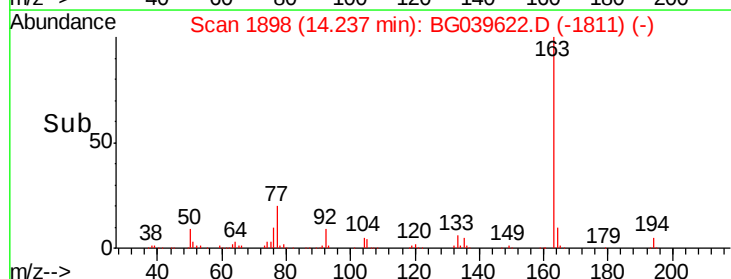
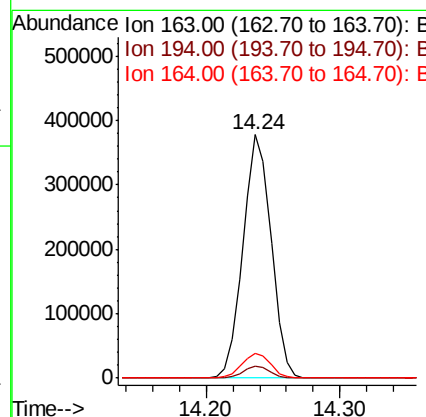
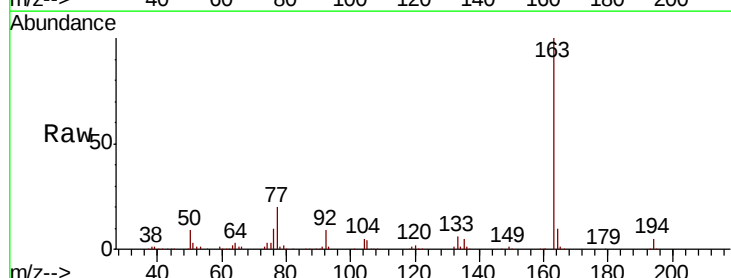
RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Tgt Ion:	163	Resp:	547791
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.6	5.4
164	10.4	8.4	12.6





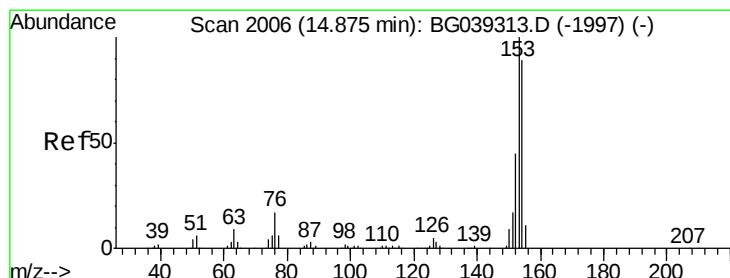
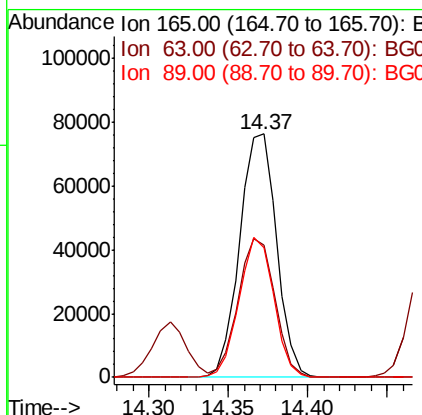
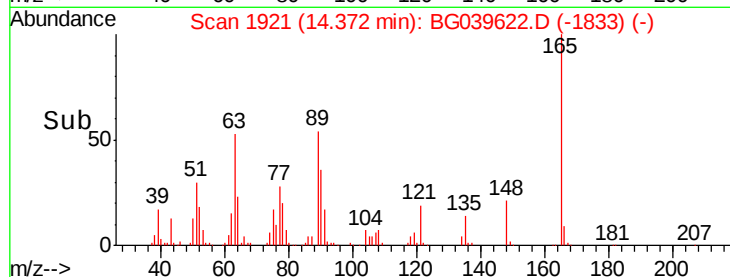
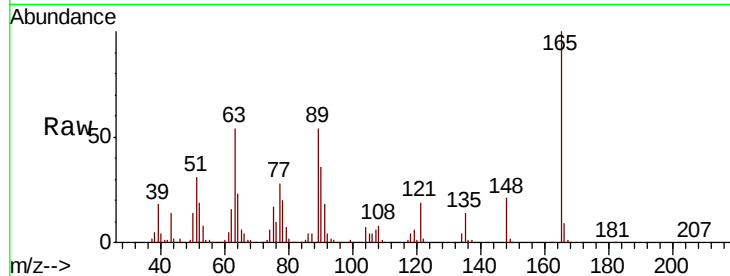
#51
 2,6-Dinitrotoluene
 Concen: 50.005 ng
 RT: 14.37 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG039622.D
 Acq: 27 Feb 2019 5:57

Instrument :
 BNA_G
 ClientSampled :
 PB117340BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	123301		
63	54.1	47.0	70.6	
89	53.5	45.8	68.8	

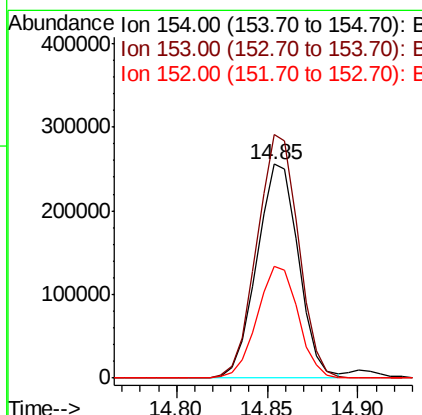
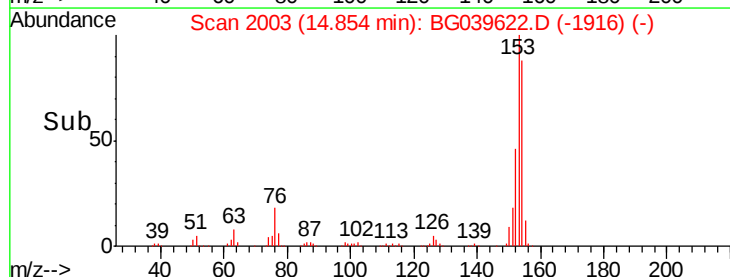
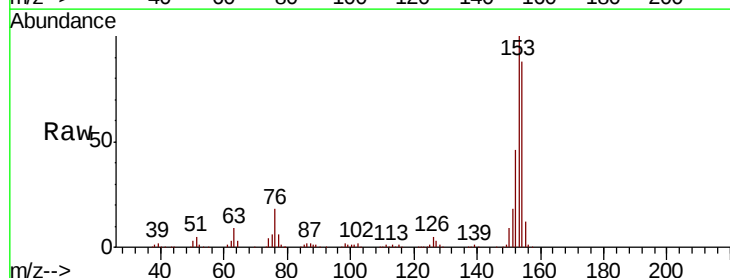
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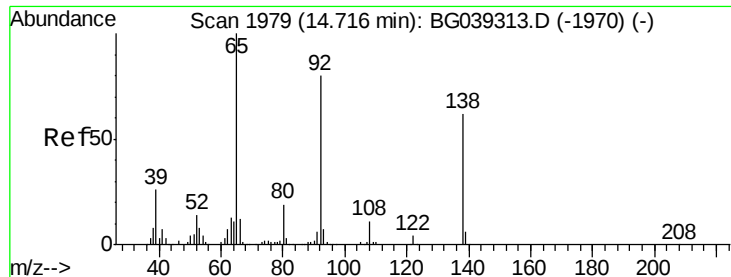
Sohil
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#52
 Acenaphthene
 Concen: 40.979 ng
 RT: 14.85 min Scan# 2003
 Delta R.T. -0.02 min
 Lab File: BG039622.D
 Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	407812		
153	113.7	90.1	135.1	
152	52.2	40.9	61.3	





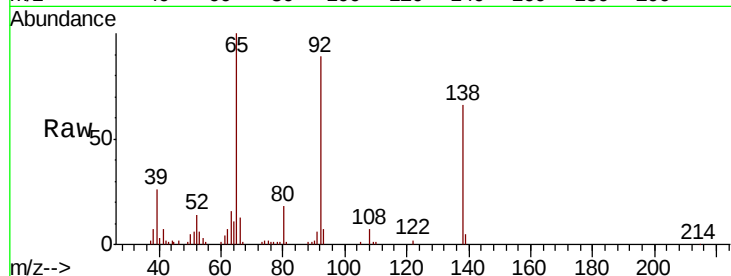
#53
3-Nitroaniline
Concen: 21.163 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampled :
PB117340BS

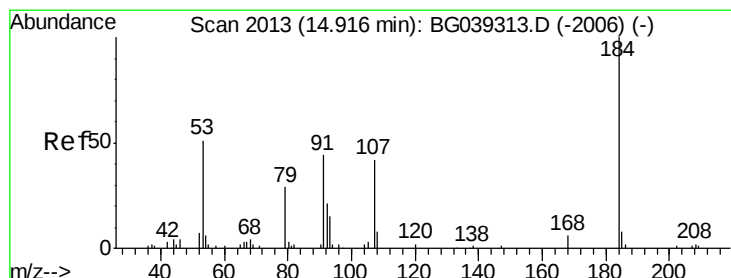
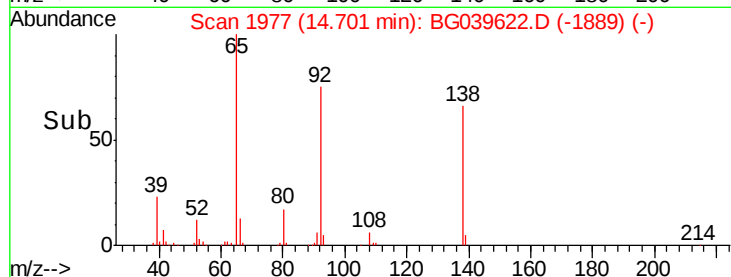
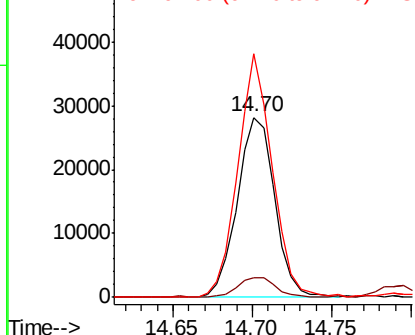
Tot Ion:138 Resp: 46213
Ion Ratio Lower Upper
138 100
108 11.0 13.8 20.8#
92 135.3 103.7 155.5

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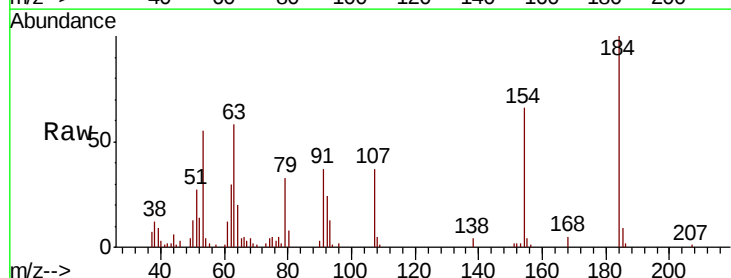


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

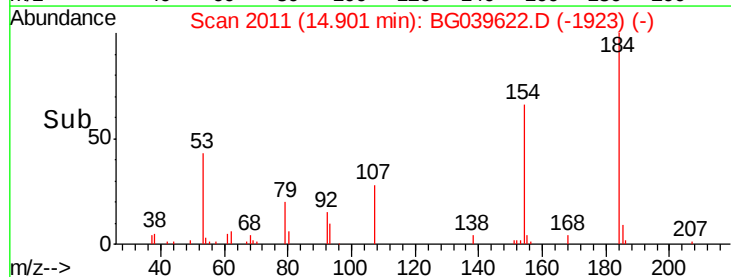
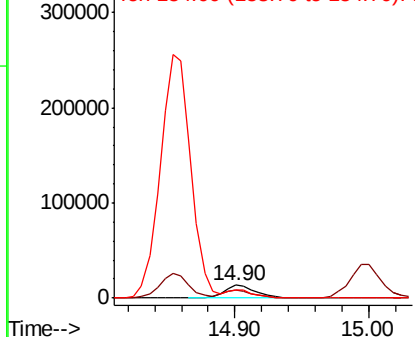


#54
2,4-Dinitrophenol
Concen: 30.264 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tgt Ion:184 Resp: 22406
Ion Ratio Lower Upper
184 100
63 58.5 50.9 76.3
154 65.6 53.0 79.6



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





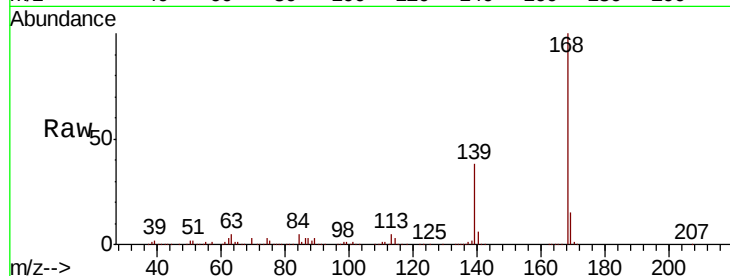
#55
Dibenzofuran
Concen: 41.719 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampled :
PB117340BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.1	45.1
169	14.6	10.6	16.0

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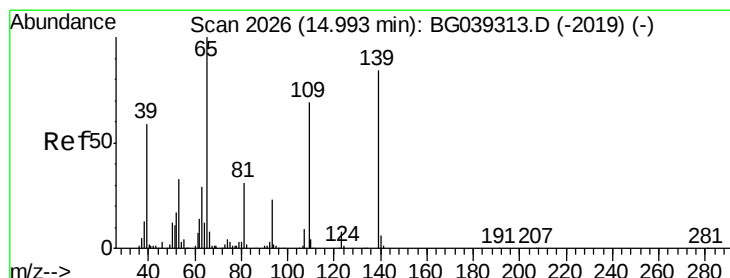
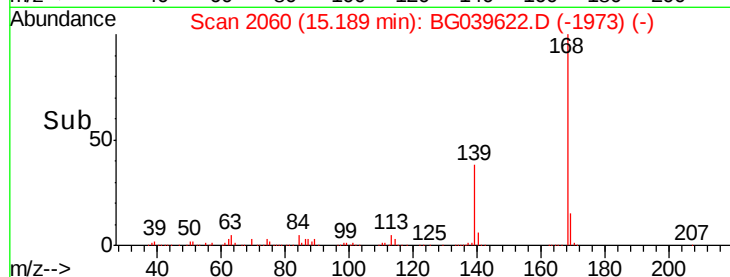
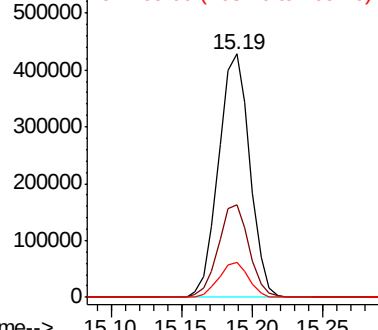


Abundance

Ion 168.00 (167.70 to 168.70): E

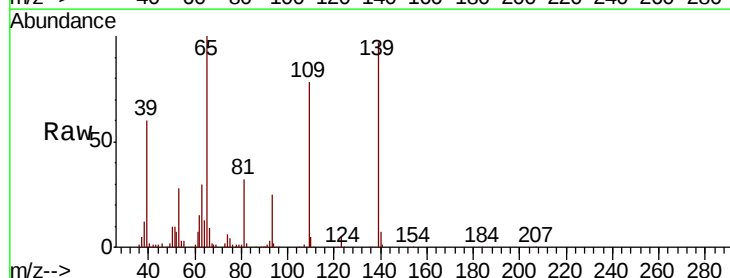
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 84.599 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.5	61.9	101.9
65	103.2	99.1	139.1

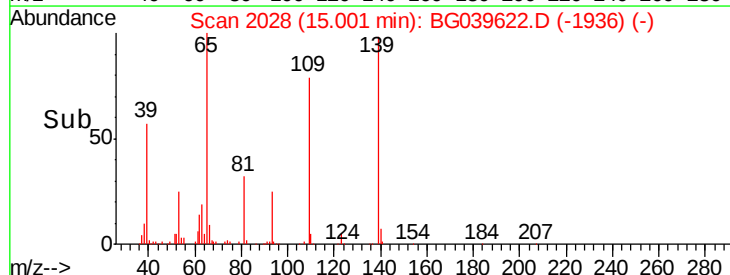
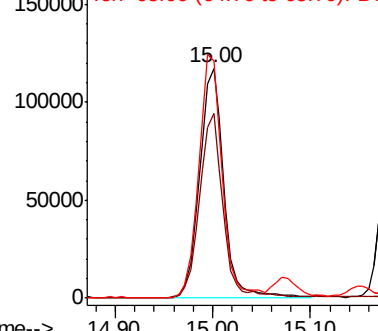


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 54.638 ng

RT: 15.15 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Instrument :

BNA_G

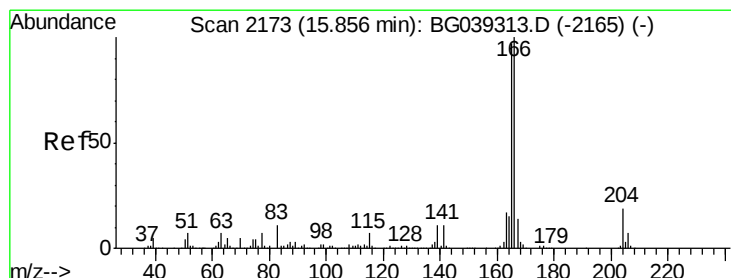
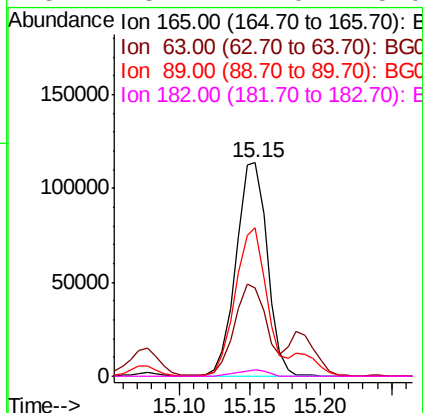
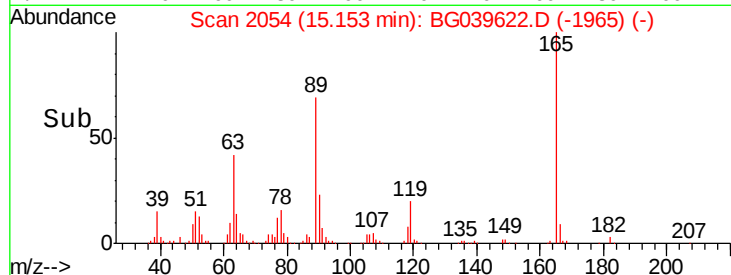
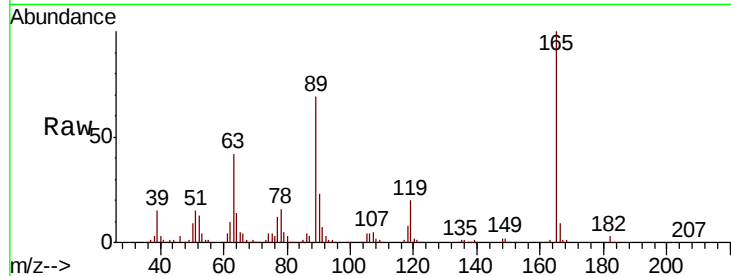
ClientSampleId :

PB117340BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	175546		
63	41.7	41.0	61.6	
89	69.4	64.6	96.8	
182	3.1	2.0	3.0#	

Manual Integrations
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#58

Fluorene

Concen: 44.419 ng

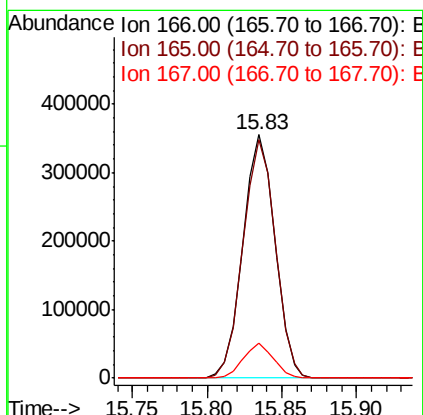
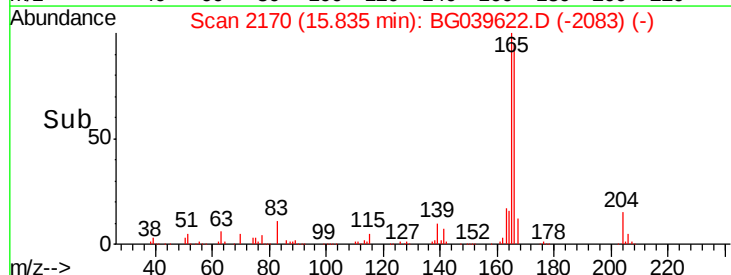
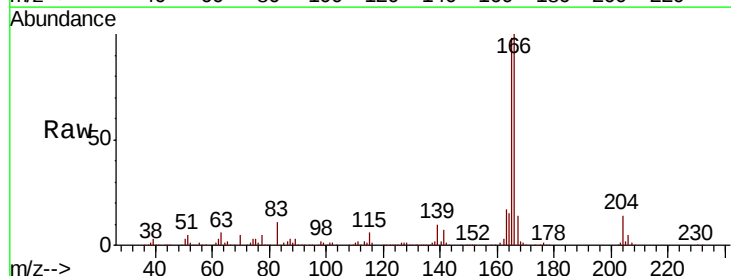
RT: 15.83 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	528345		
165	97.9	77.9	116.9	
167	14.2	10.8	16.2	





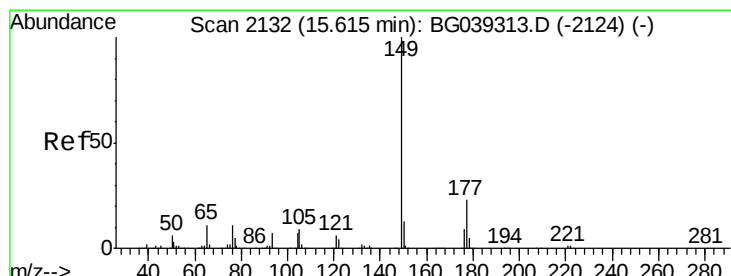
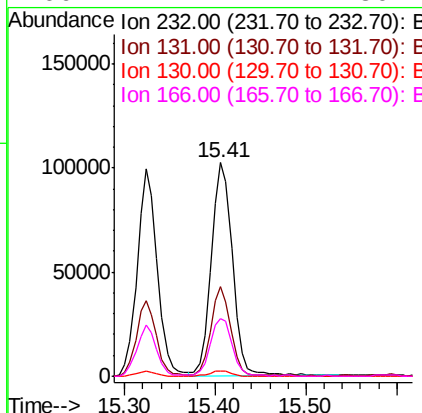
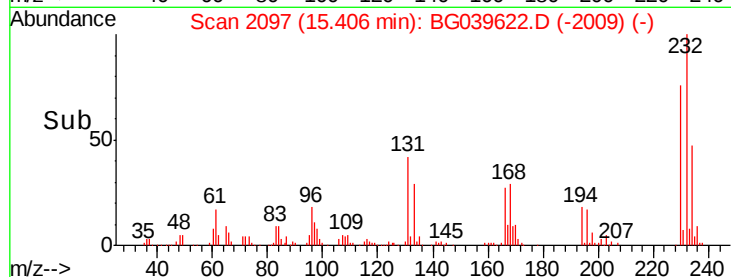
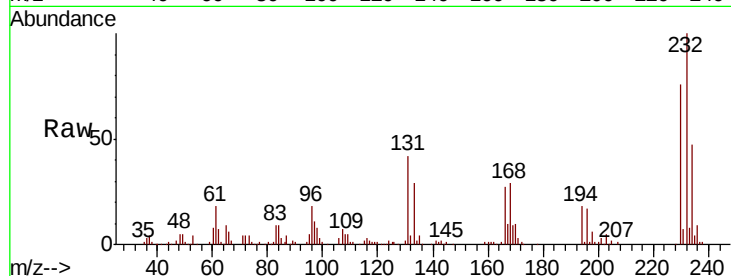
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.445 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.02 min
 Lab File: BG039622.D
 Acq: 27 Feb 2019 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB117340BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	166549		
131	38.1		34.9	52.3
130	2.5		2.0	3.0
166	27.2		24.1	36.1

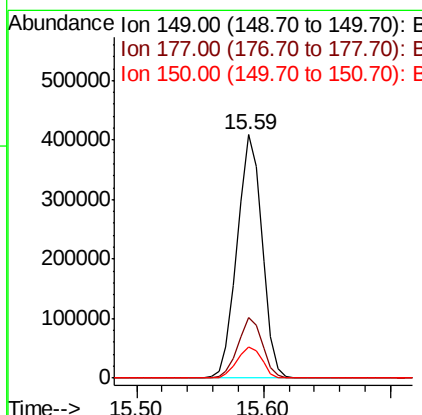
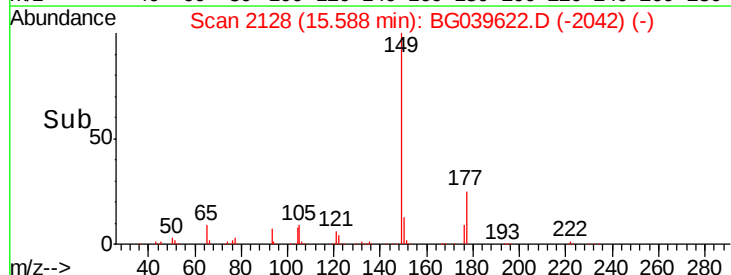
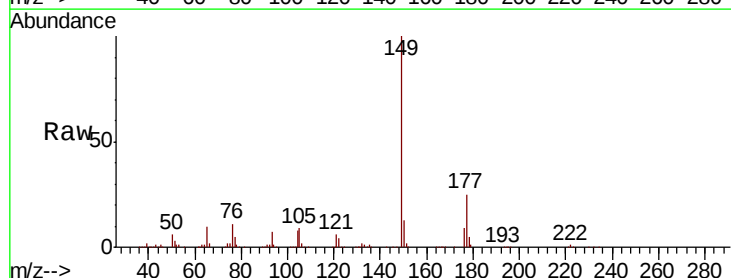
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#60
 Diethylphthalate
 Concen: 40.749 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BG039622.D
 Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	552347		
177	25.0		18.3	27.5
150	12.8		10.2	15.2





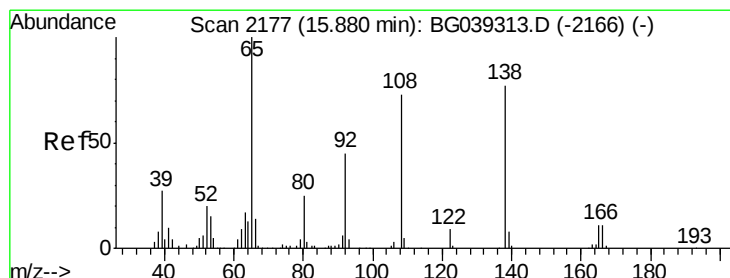
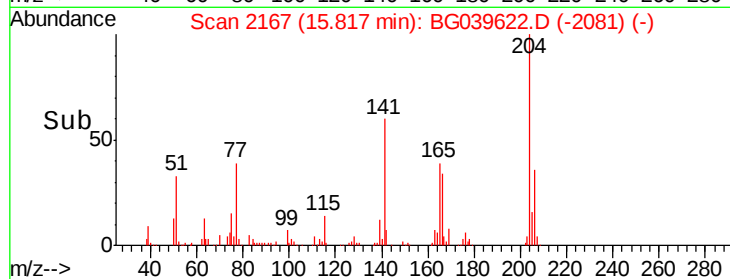
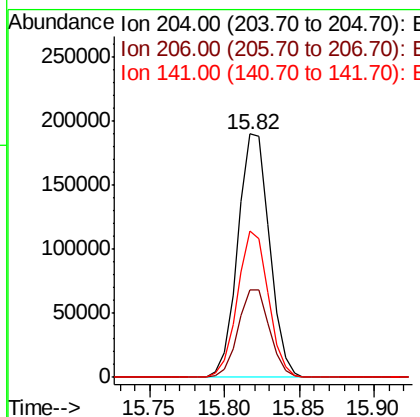
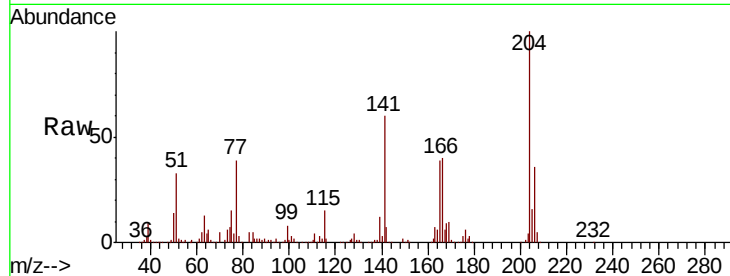
#61
4-Chlorophenyl-phenylether
Concen: 41.499 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampled :
PB117340BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	279498		
206	35.8	29.2	43.8	
141	60.0	49.0	73.4	

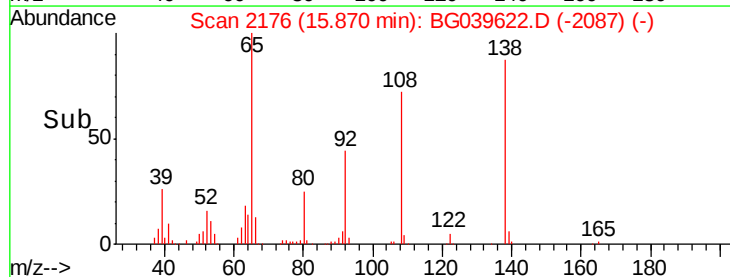
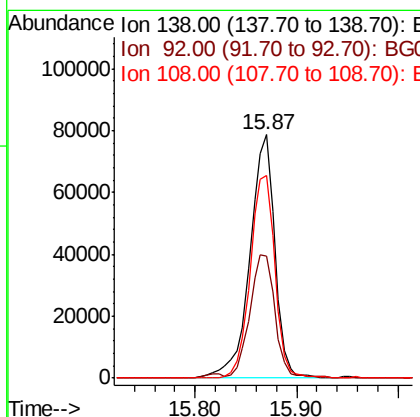
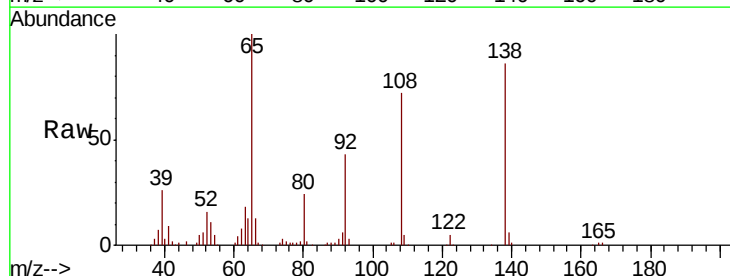
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#62
4-Nitroaniline
Concen: 48.677 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	133999		
92	50.3	38.7	78.7	
108	83.1	74.6	114.6	





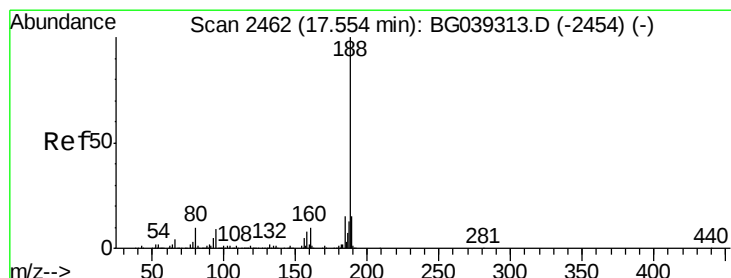
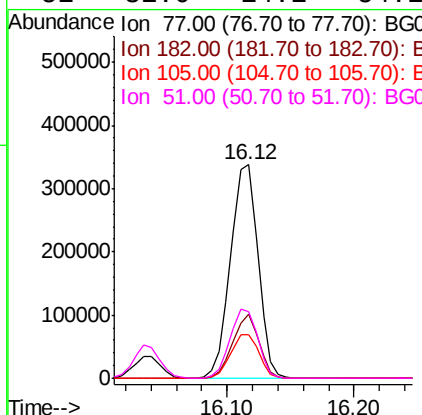
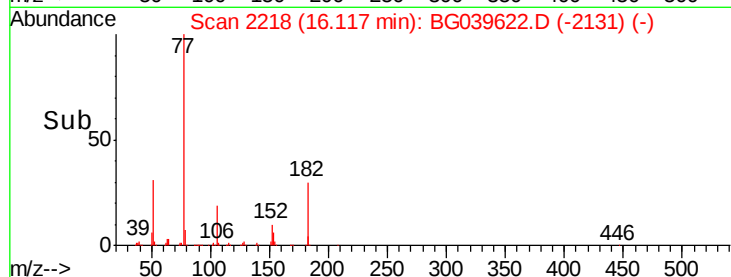
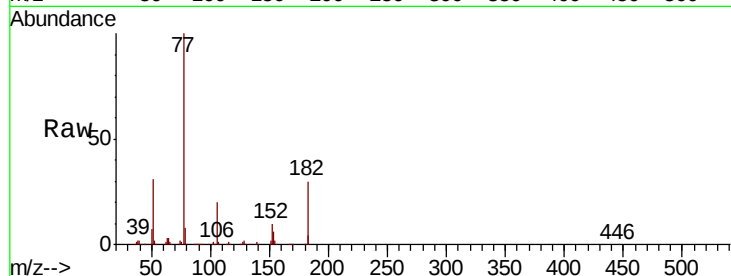
#63
Azobenzene
Concen: 38.210 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.7	6.4	46.4
105	20.3	0.0	39.8
51	31.0	14.1	54.1

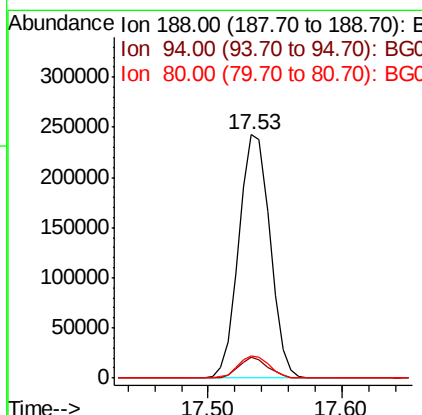
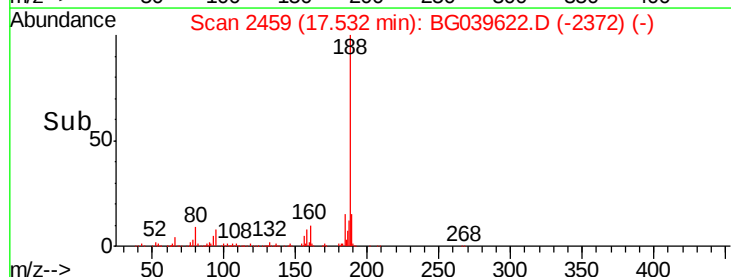
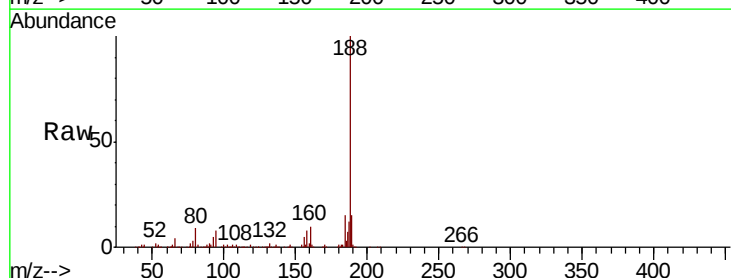
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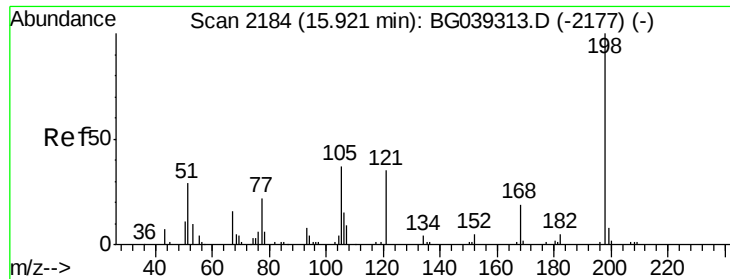
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.3	8.1	12.1





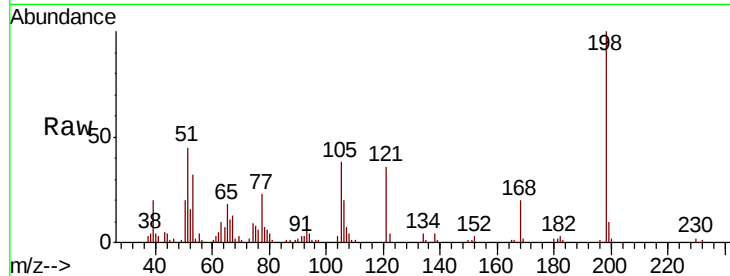
#65
4,6-Dinitro-2-methylphenol
Concen: 26.167 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampleId :
PB117340BS

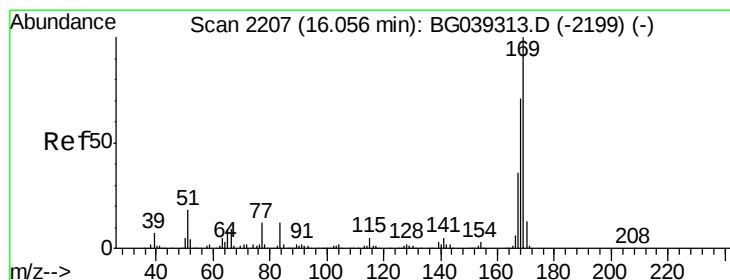
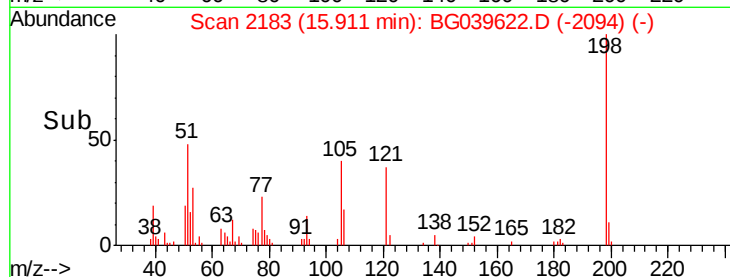
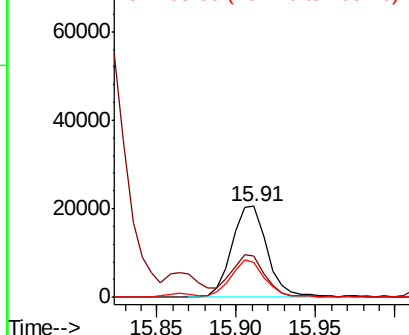
Tot Ion	Ratio	Lower	Upper
198	100		
51	45.1	27.4	67.4
105	38.0	19.7	59.7

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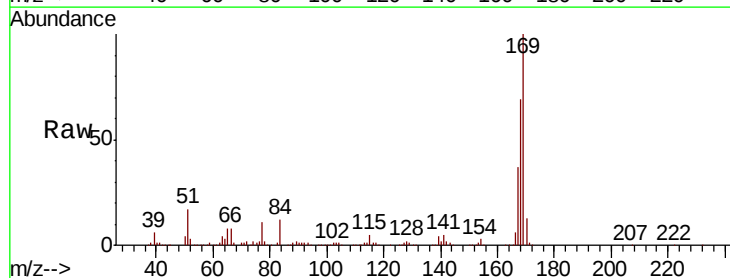


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

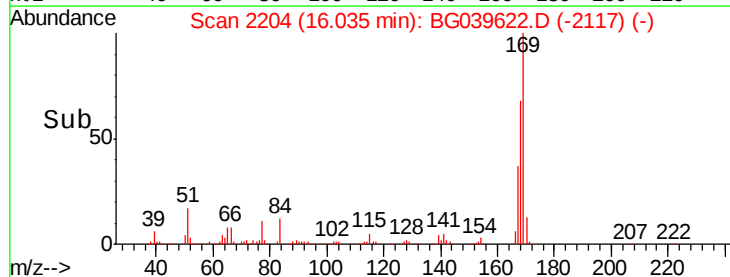
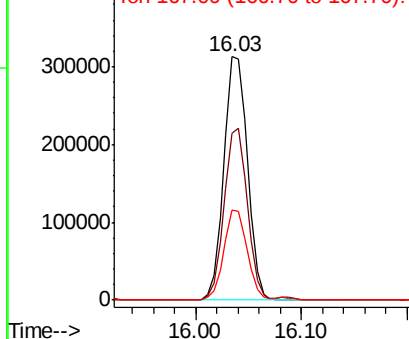


#66
n-Nitrosodiphenylamine
Concen: 40.784 ng
RT: 16.03 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.5	56.6	85.0
167	37.2	28.8	43.2



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





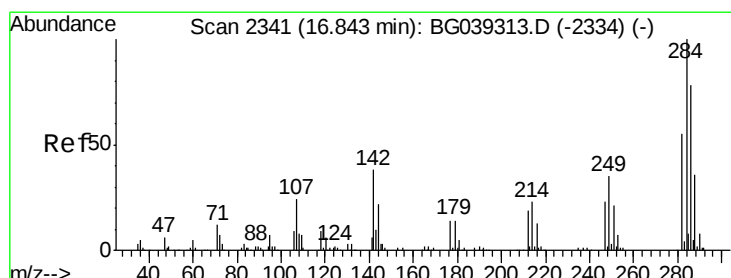
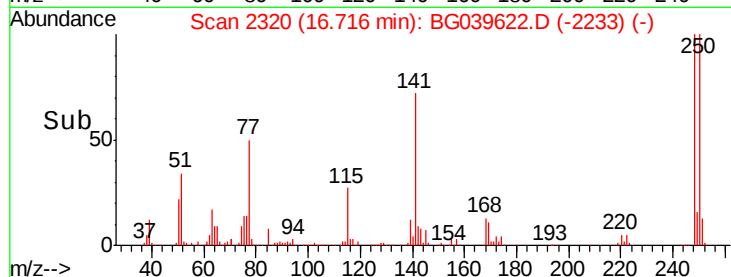
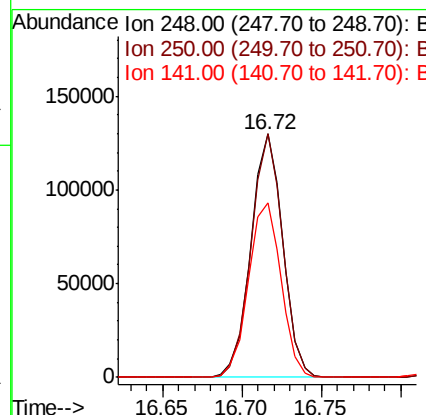
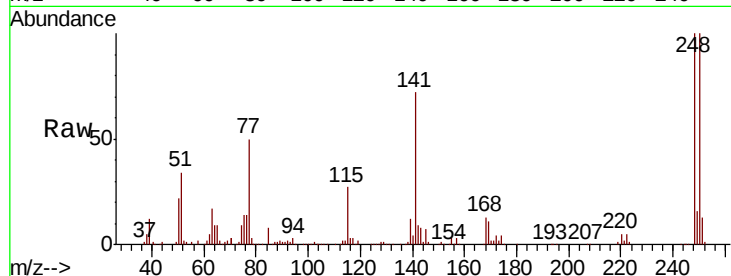
#67
 4-Bromophenyl-phenylether
 Concen: 41.612 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039622.D
 Acq: 27 Feb 2019 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB117340BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	77.6	116.4
141	71.9	63.9	95.9

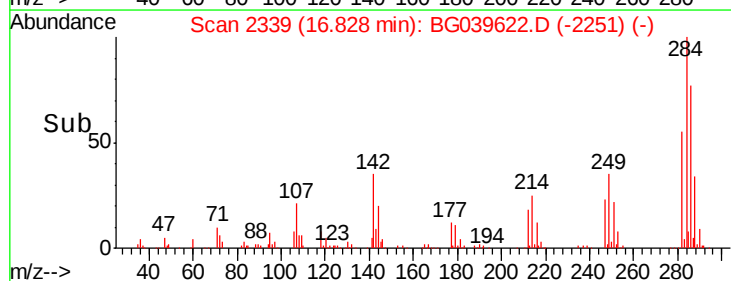
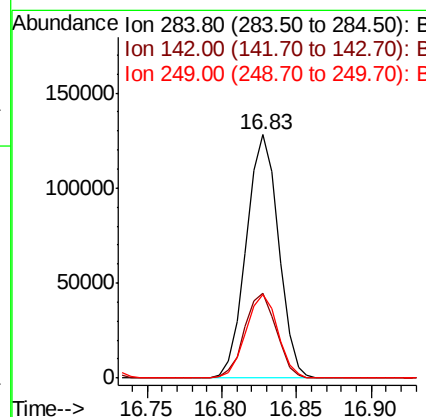
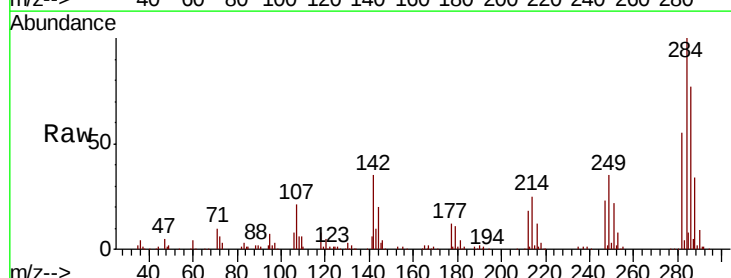
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#68
 Hexachlorobenzene
 Concen: 43.926 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.02 min
 Lab File: BG039622.D
 Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	30.6	45.8
249	34.6	28.2	42.2





#69

Atrazine

Concen: 41.664 ng

RT: 16.97 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Instrument :

BNA_G

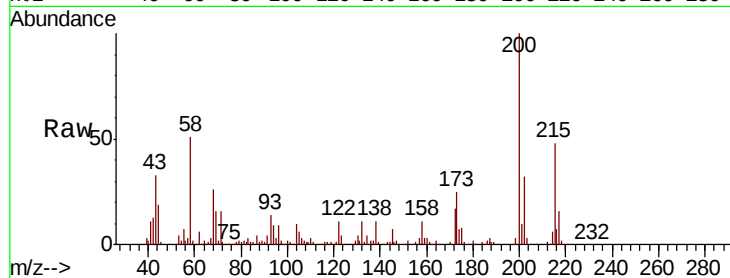
ClientSampled :

PB117340BS

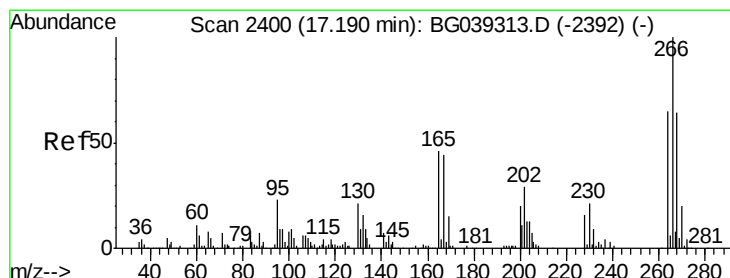
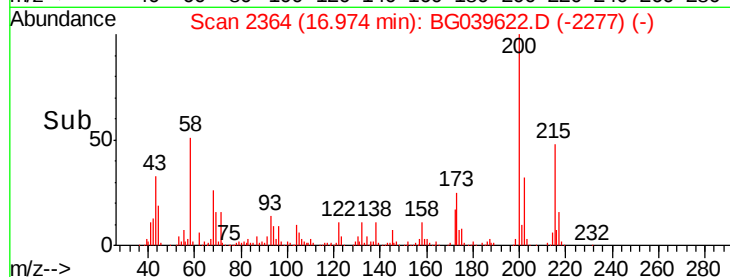
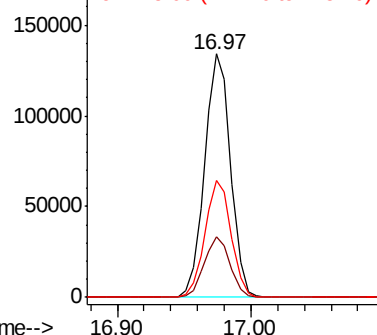
Tot Ion:	200	Resp:	181458
Ion Ratio	Lower	Upper	
200	100		
173	24.8	3.9	43.9
215	47.8	30.9	70.9

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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: 38.743 ng

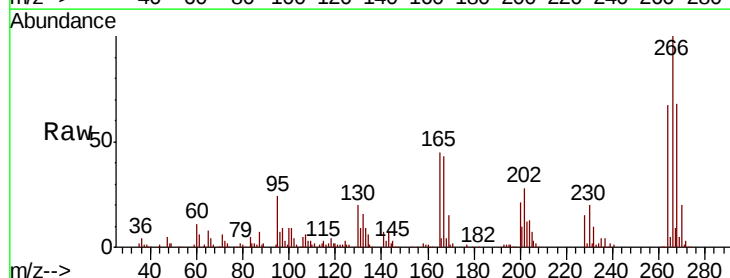
RT: 17.17 min Scan# 2398

Delta R.T. -0.02 min

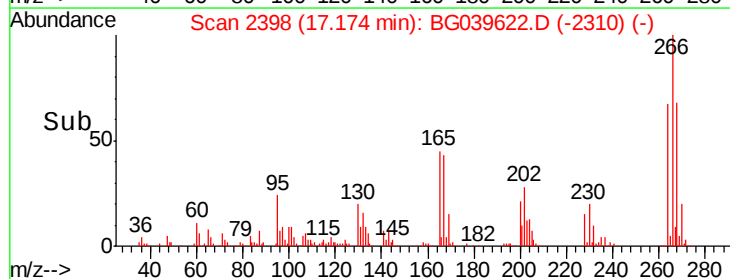
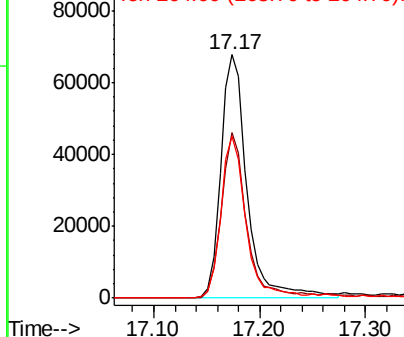
Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Tgt Ion:	266	Resp:	117472
Ion Ratio	Lower	Upper	
266	100		
268	67.9	51.1	76.7
264	66.6	52.1	78.1



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





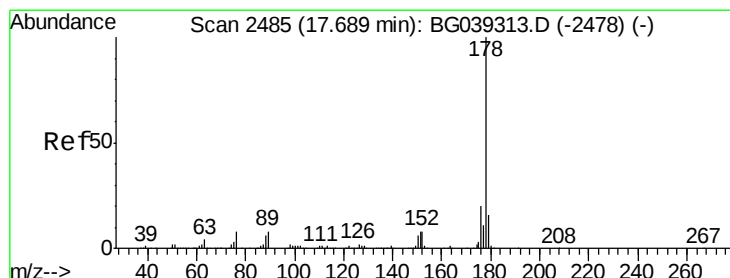
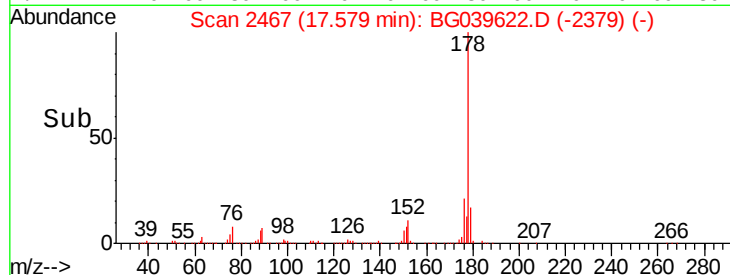
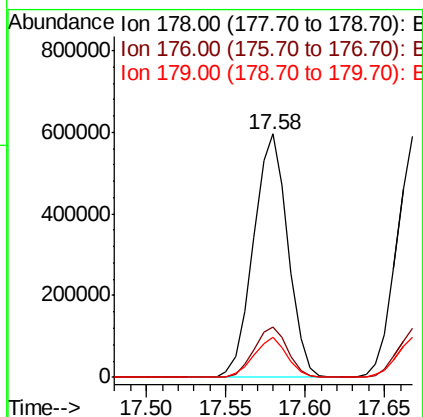
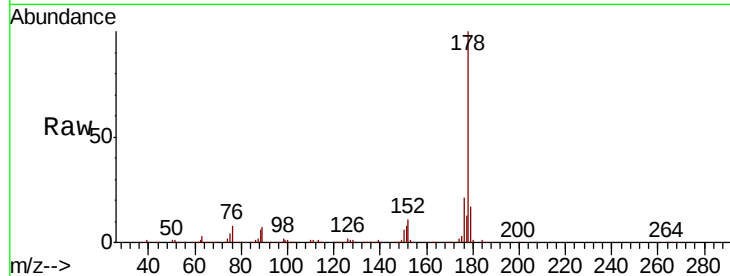
#71
Phenanthrene
Concen: 44.324 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	16.5	12.6	19.0

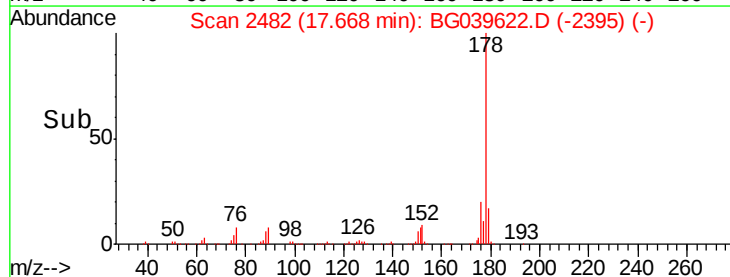
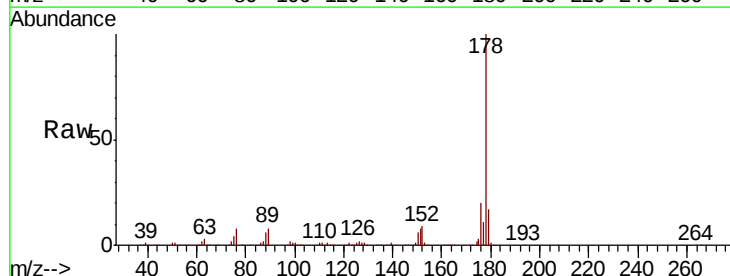
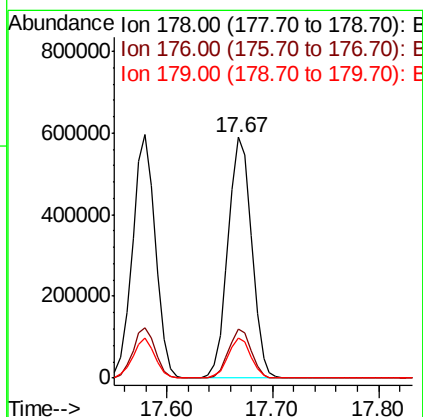
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#72
Anthracene
Concen: 45.572 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.6
179	16.8	12.5	18.7





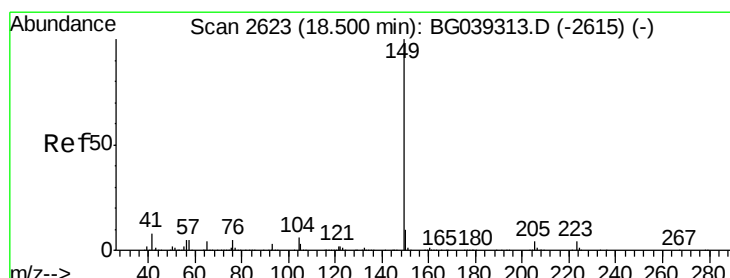
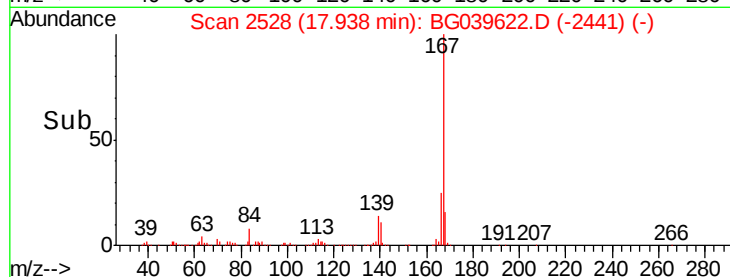
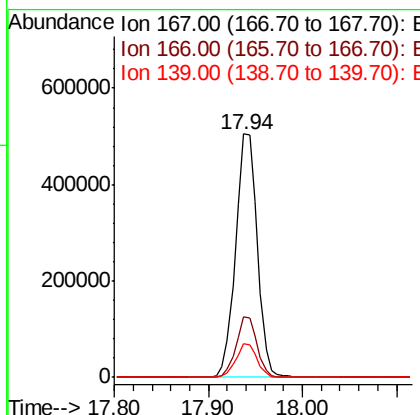
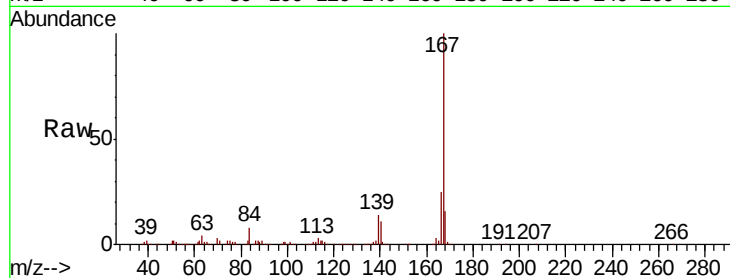
#73
 Carbazole
 Concen: 40.411 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG039622.D
 Acq: 27 Feb 2019 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB117340BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	805864		
166	25.0		19.4	29.2
139	14.0		10.8	16.2

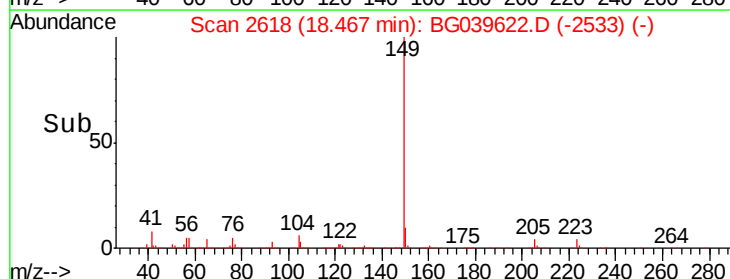
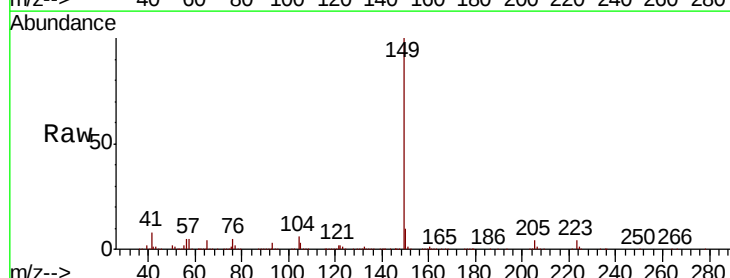
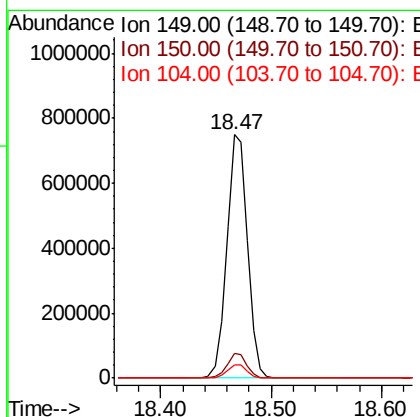
Manual Integrations
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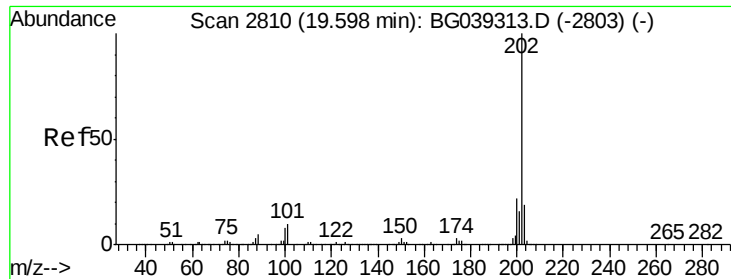
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#74
 Di-n-butylphthalate
 Concen: 42.044 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BG039622.D
 Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	978146		
150	10.1		7.7	11.5
104	5.7		4.5	6.7





#75

Fluoranthene

Concen: 46.479 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Instrument :

BNA_G

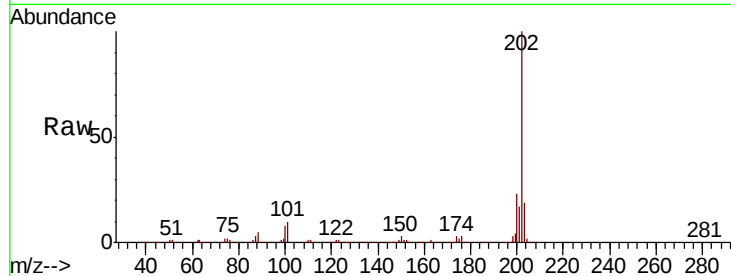
ClientSampled :

PB117340BS

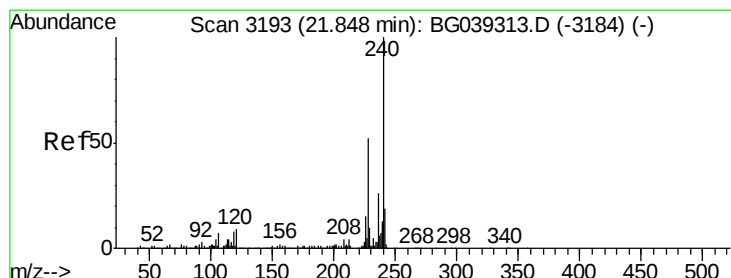
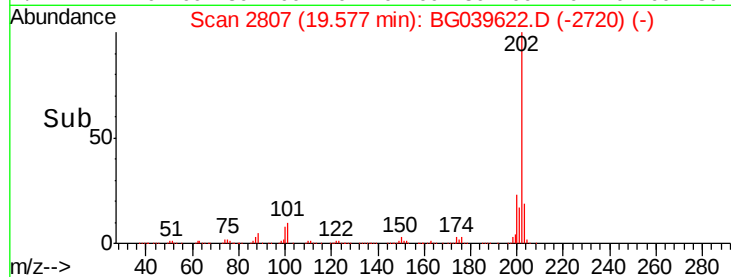
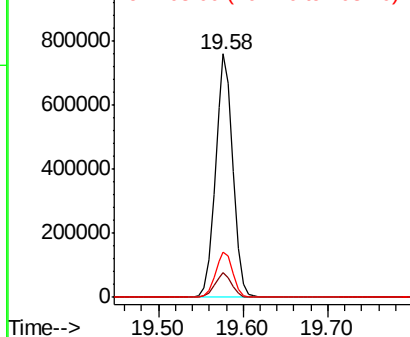
Tot Ion:	202	Resp:	1094395
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	30.0
203	18.8	0.0	38.9

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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: 21.83 min Scan# 3190

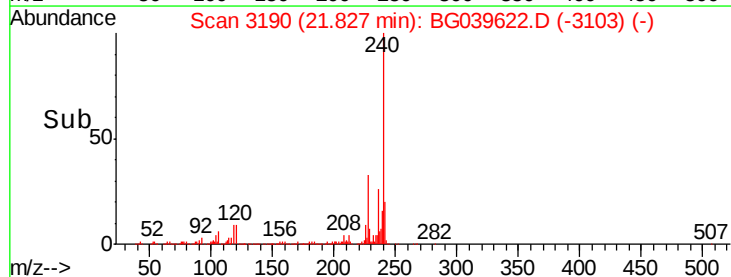
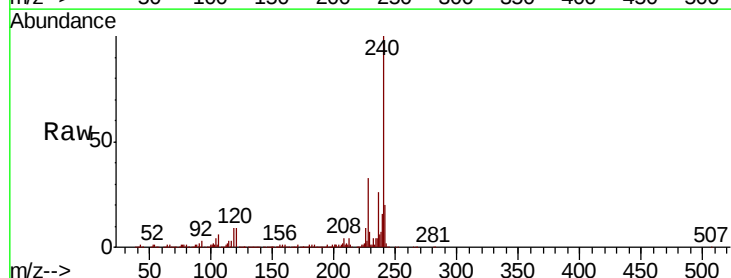
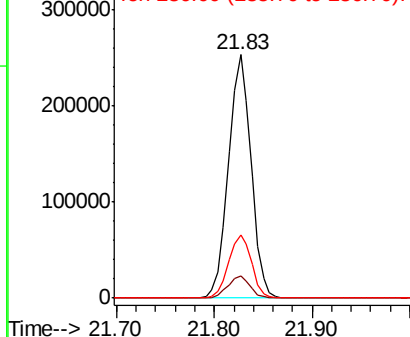
Delta R.T. -0.02 min

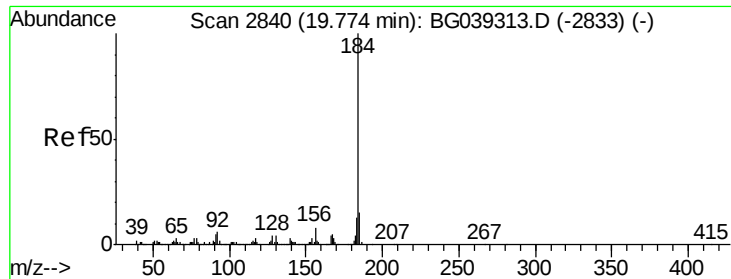
Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Tgt Ion:	240	Resp:	405906
Ion Ratio	Lower	Upper	
240	100		
120	9.4	7.0	10.6
236	26.1	21.0	31.4

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: 12.641 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Instrument :

BNA_G

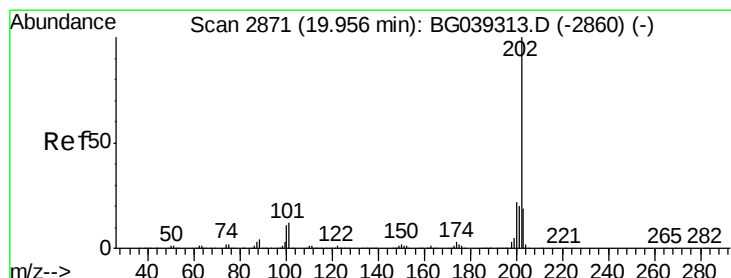
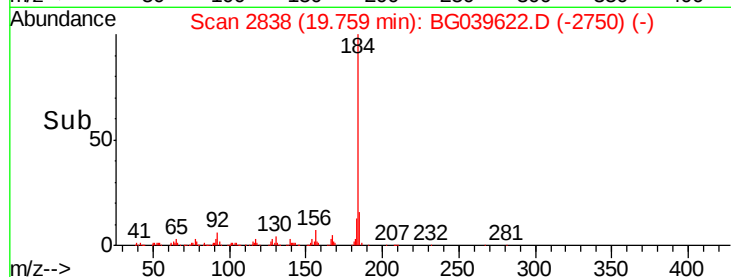
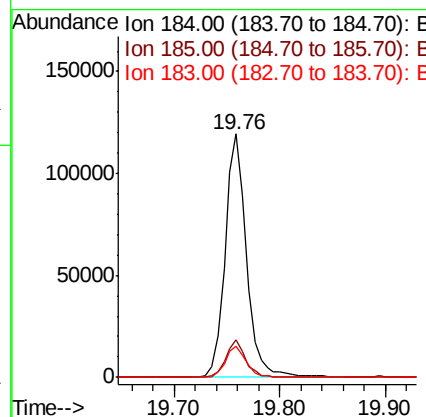
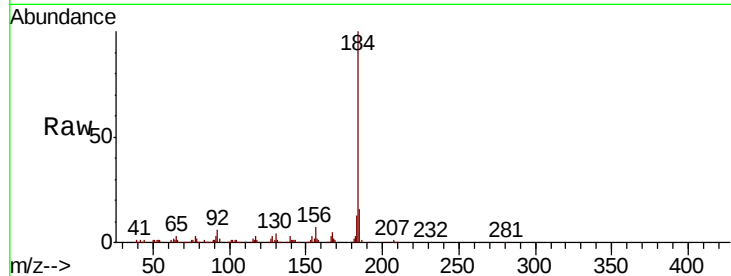
ClientSampleId :

PB117340BS

Tot Ion:	184	Resp:	168223
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.2	18.2
183	13.0	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 43.860 ng

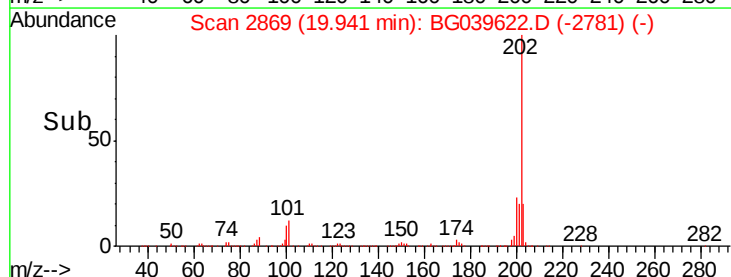
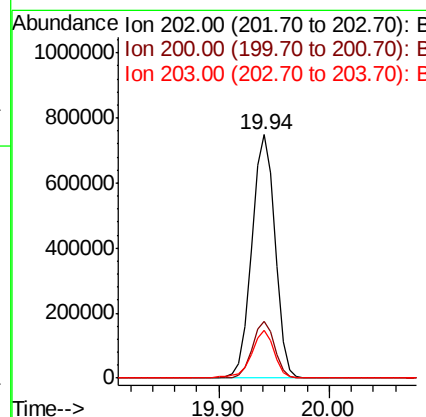
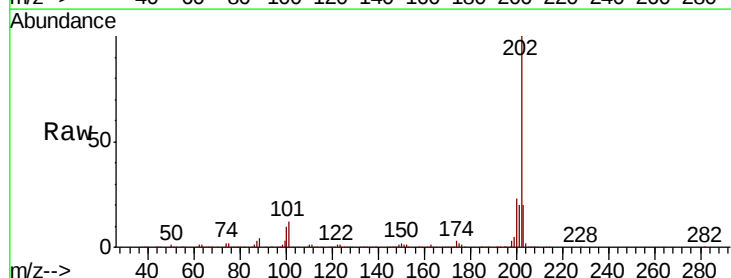
RT: 19.94 min Scan# 2869

Delta R.T. -0.02 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Tgt Ion:	202	Resp:	1108288
Ion Ratio	Lower	Upper	
202	100		
200	23.5	17.8	26.8
203	19.5	15.3	22.9





#79

Terphenyl-d14

Concen: 81.213 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Instrument :

BNA_G

ClientSampled :

PB117340BS

Tot Ion:244 Resp: 1557373

Ion Ratio Lower Upper

244 100

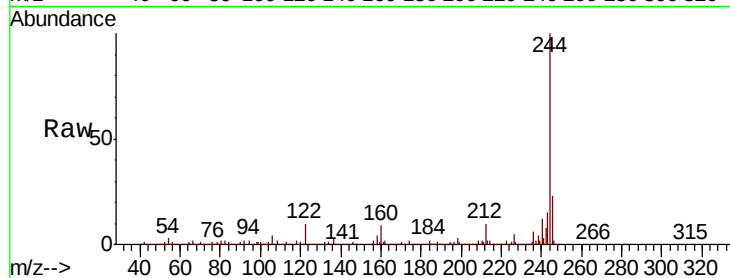
212 9.6 7.3 10.9

122 10.0 8.4 12.6

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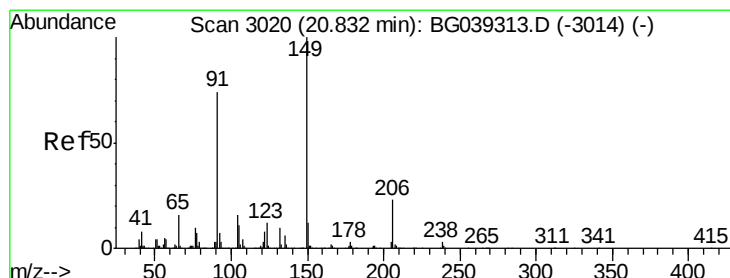
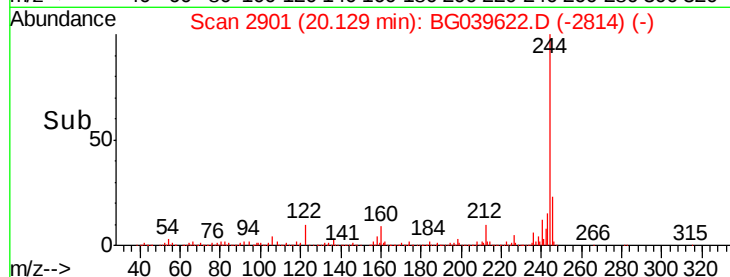
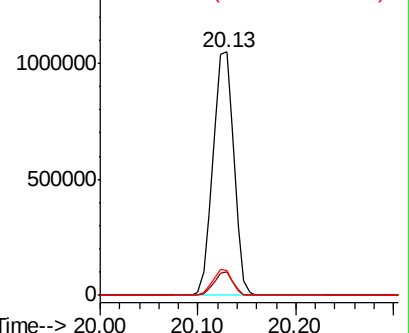
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.297 ng

RT: 20.80 min Scan# 3016

Delta R.T. -0.03 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

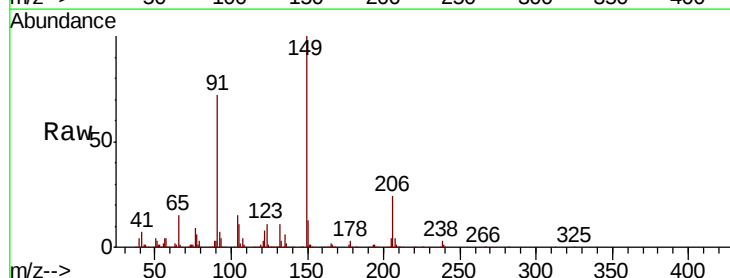
Tgt Ion:149 Resp: 472177

Ion Ratio Lower Upper

149 100

91 72.1 59.5 89.3

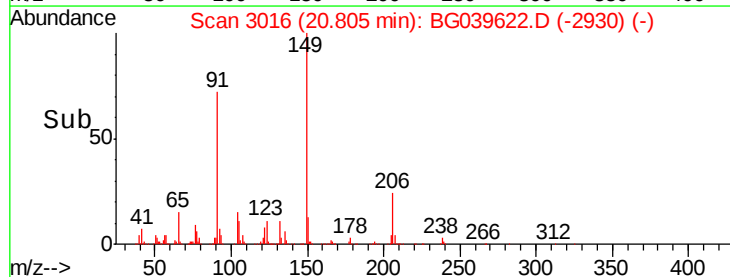
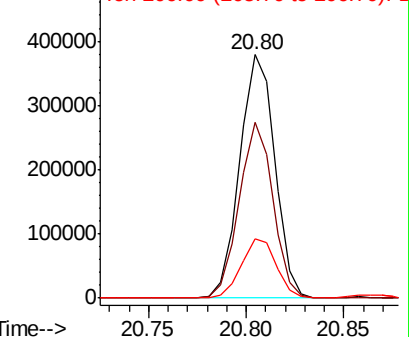
206 24.2 18.6 27.8

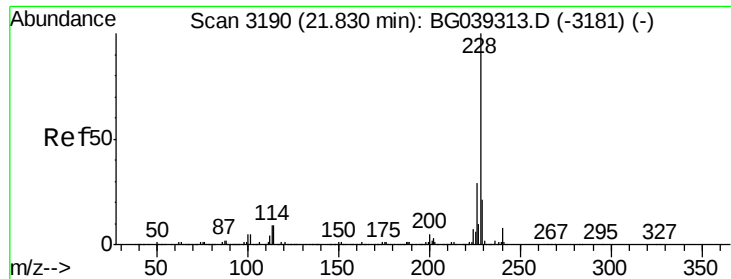


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





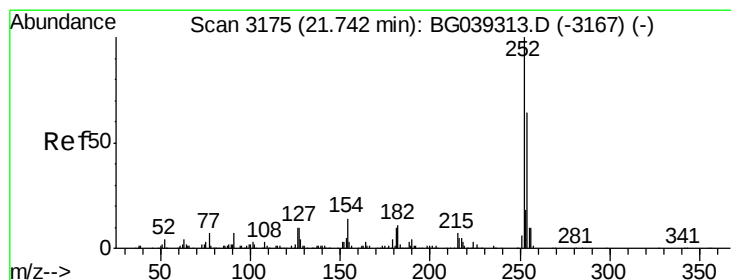
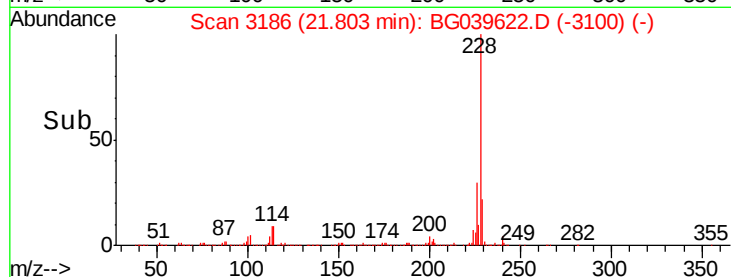
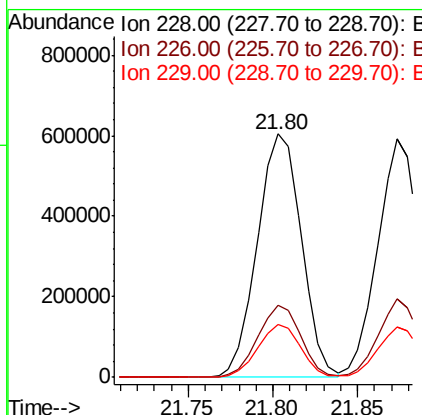
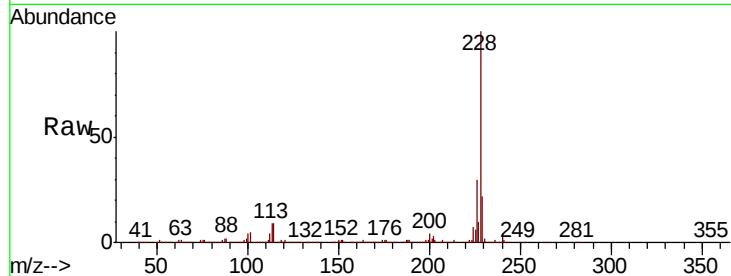
#81
Benzo(a)anthracene
Concen: 45.494 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.0	34.6
229	21.8	16.9	25.3

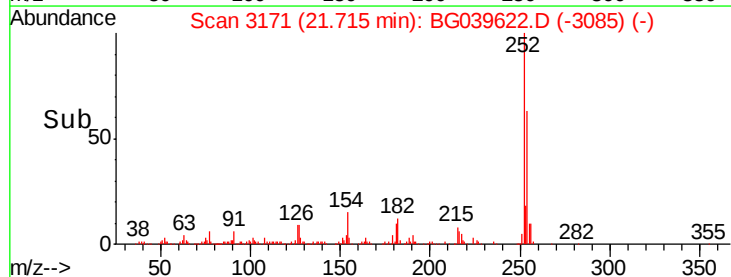
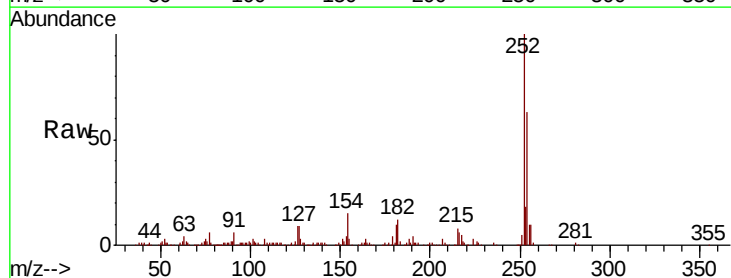
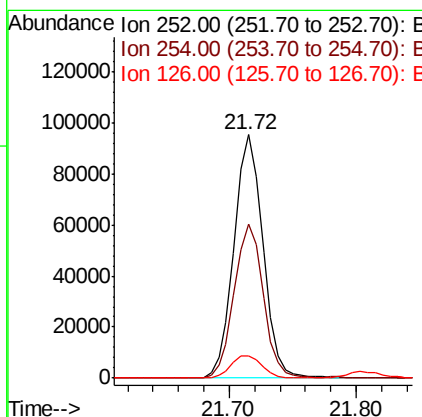
Manual Integrations
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#82
3,3'-Dichlorobenzidine
Concen: 16.985 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.03 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.3	76.9
126	9.0	8.0	12.0





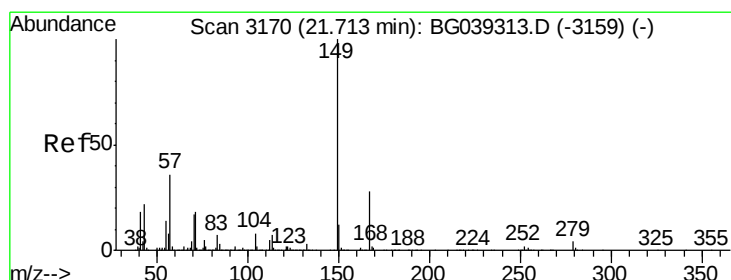
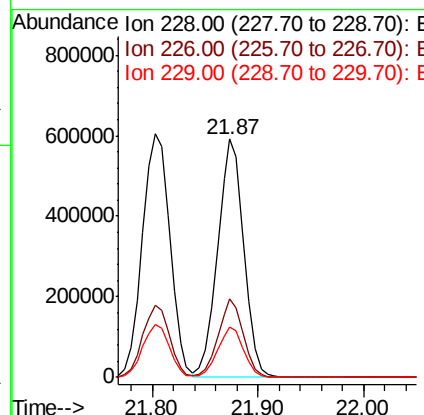
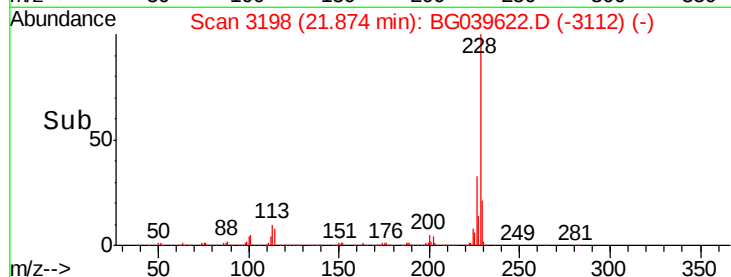
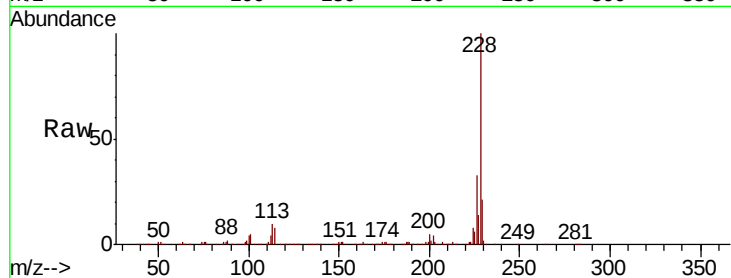
#83
Chrysene
Concen: 44.569 ng
RT: 21.87 min Scan# 3198
Delta R.T. -0.03 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tot Ion:228 Resp: 1017604
Ion Ratio Lower Upper
228 100
226 32.8 25.8 38.6
229 21.3 16.6 25.0

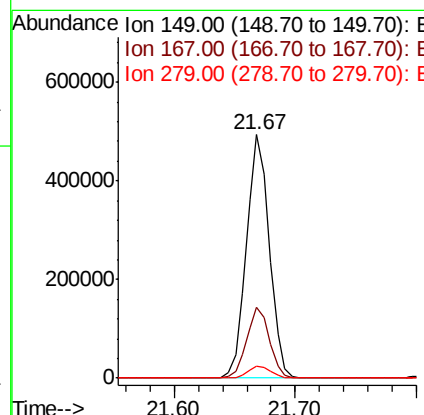
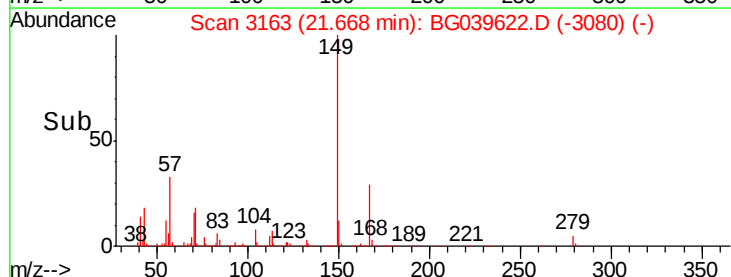
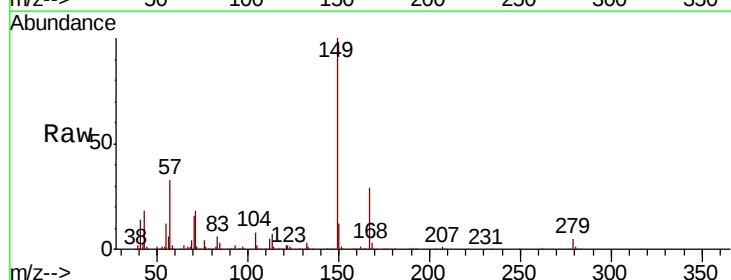
Manual Integrations
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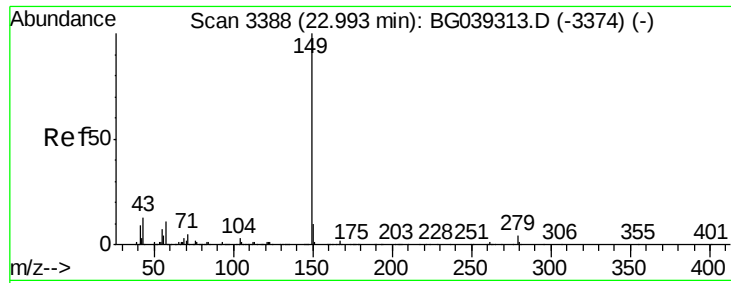
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.052 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tgt Ion:149 Resp: 654694
Ion Ratio Lower Upper
149 100
167 29.0 22.6 34.0
279 4.8 3.5 5.3





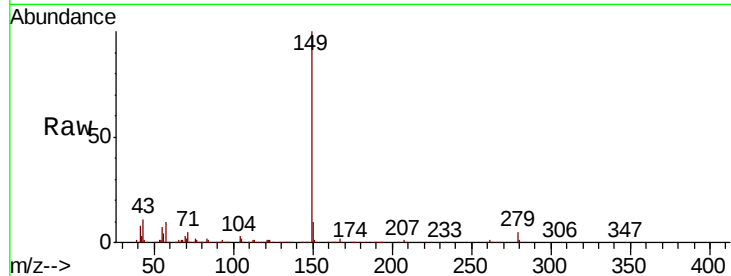
#85
Di-n-octyl phthalate
Concen: 44.547 ng
RT: 22.93 min Scan# 3378
Delta R.T. -0.06 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.7	10.2	15.4

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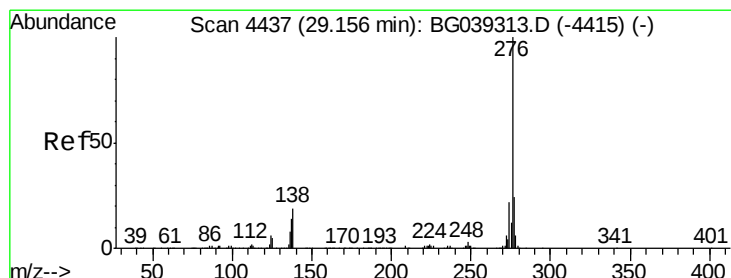
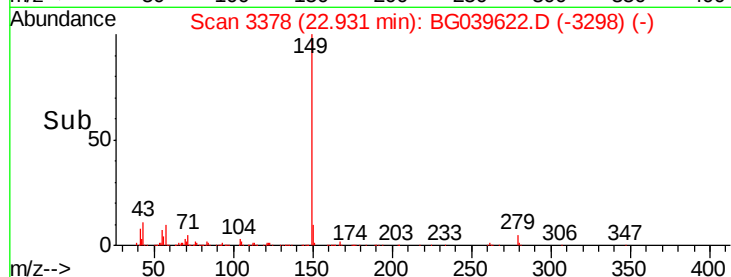
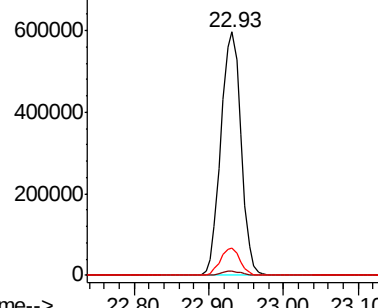


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 50.898 ng
RT: 29.08 min Scan# 4425
Delta R.T. -0.07 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

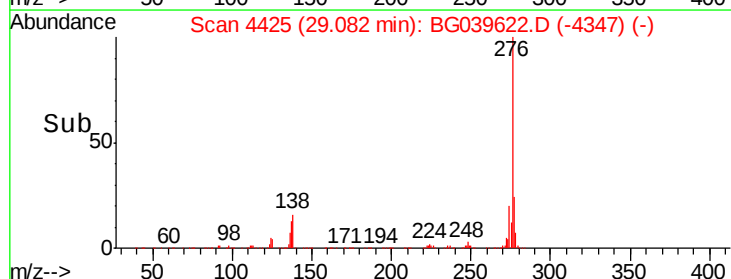
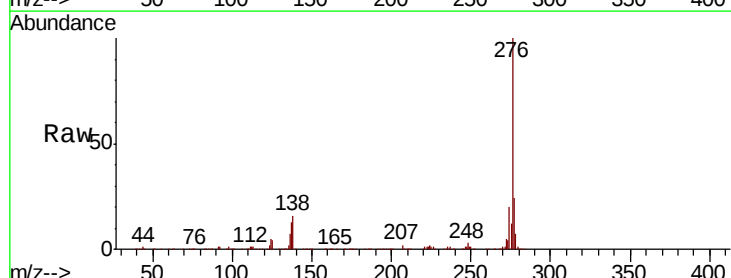
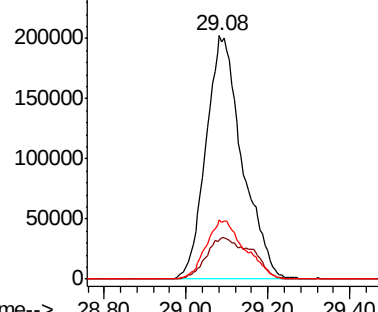
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	12.6	19.0#
277	25.8	20.8	31.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Instrument :

BNA_G

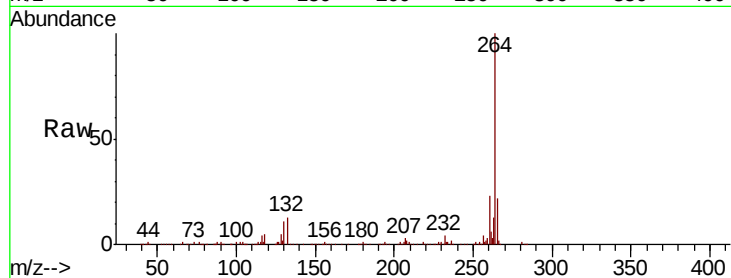
ClientSampleId :

PB117340BS

Tot Ion:	264	Resp:	424476
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.2	27.4
265	21.7	18.5	27.7

Manual Integrations
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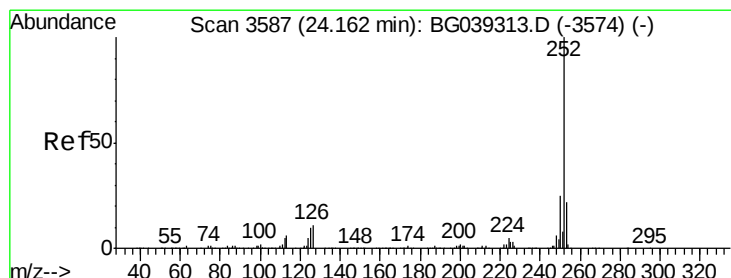
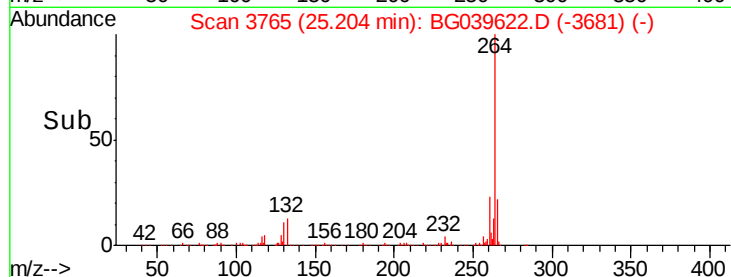
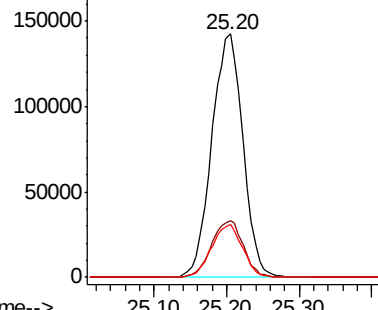


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.210 ng

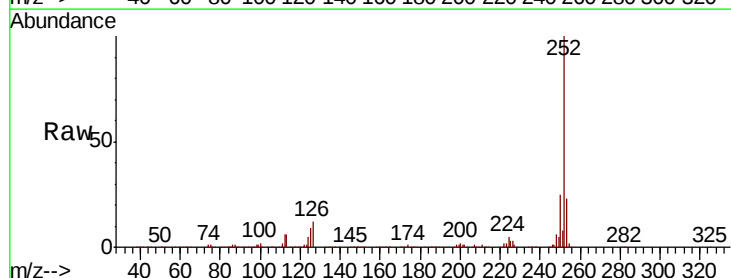
RT: 24.12 min Scan# 3580

Delta R.T. -0.04 min

Lab File: BG039622.D

Acq: 27 Feb 2019 5:57

Tgt Ion:	252	Resp:	1092878
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.8
125	9.4	7.8	11.6

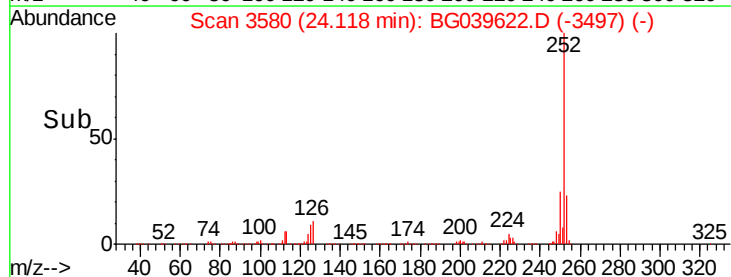
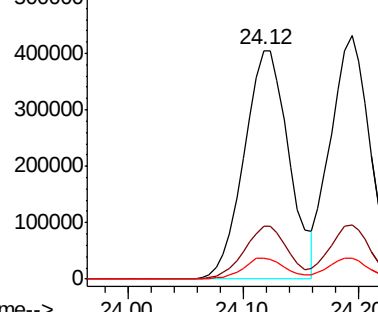


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





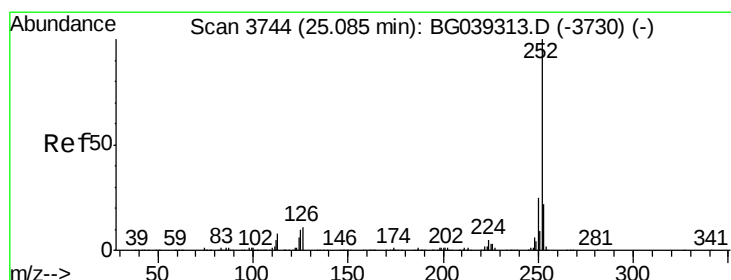
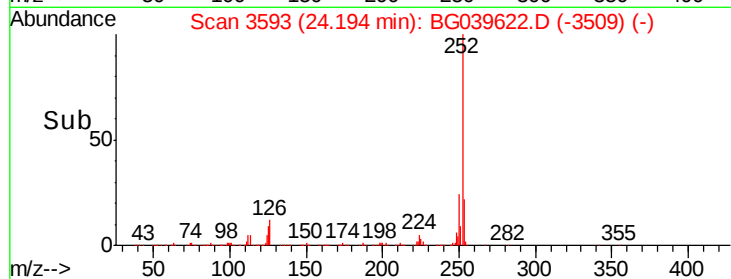
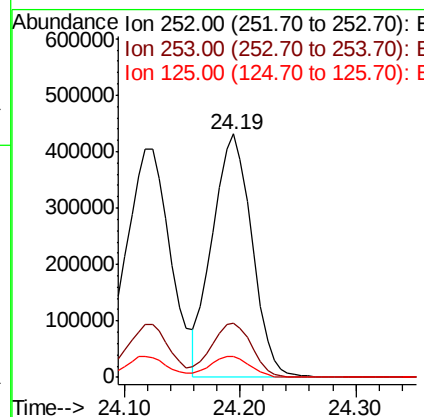
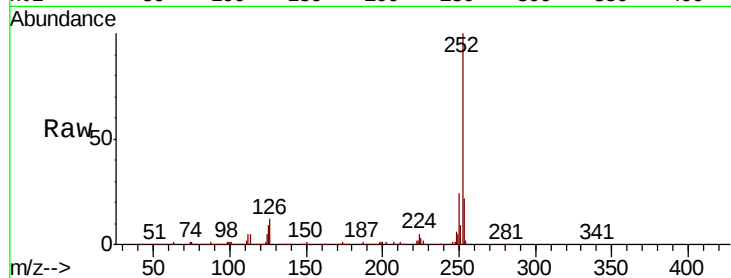
#89
Benzo(k)fluoranthene
Concen: 43.947 ng
RT: 24.19 min Scan# 3593
Delta R.T. -0.04 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampled :
PB117340BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	8.6	7.4	11.2

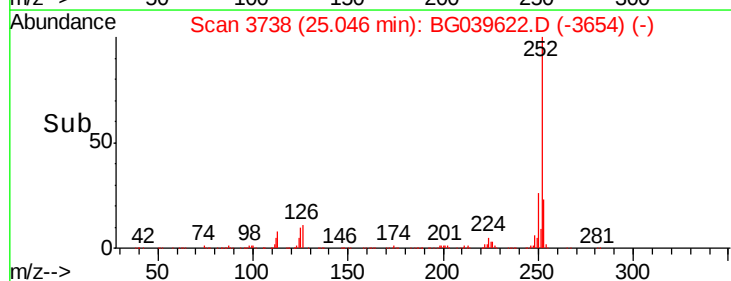
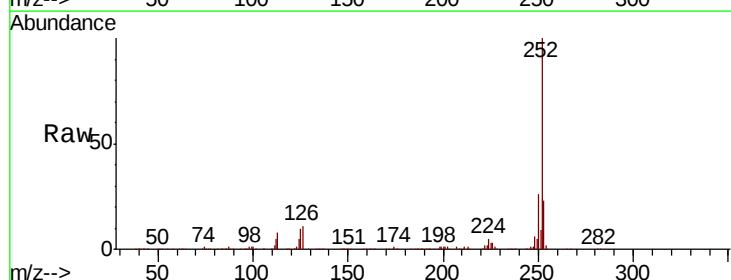
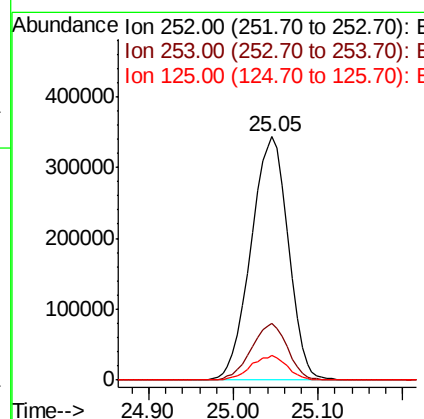
Manual Integrations
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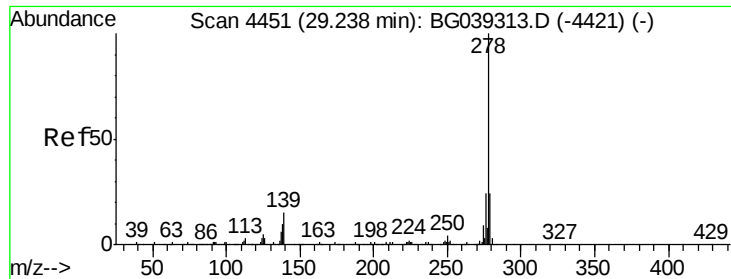
Sohil
2/27/2019 4:21:53 PM



#90
Benzo(a)pyrene
Concen: 47.218 ng
RT: 25.05 min Scan# 3738
Delta R.T. -0.04 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	10.0	8.3	12.5





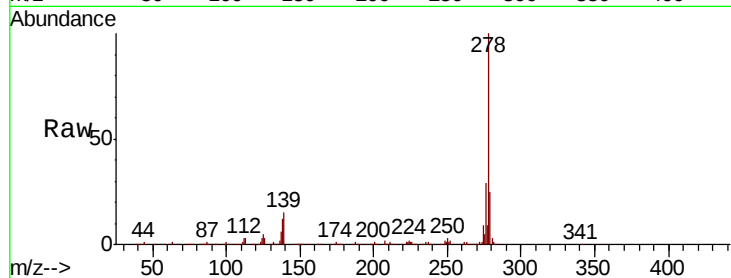
#91
Dibenzo(a,h)anthracene
Concen: 48.096 ng
RT: 29.16 min Scan# 4439
Delta R.T. -0.07 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.7	17.5
279	24.9	19.1	28.7

Manual Integrations
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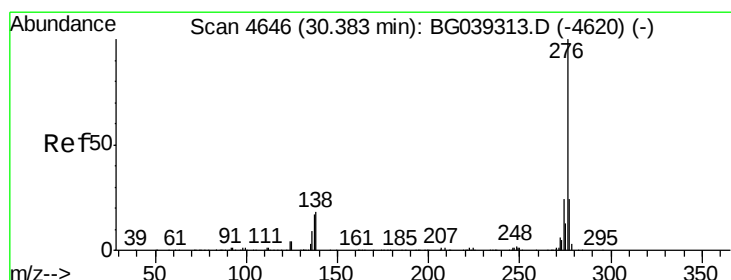
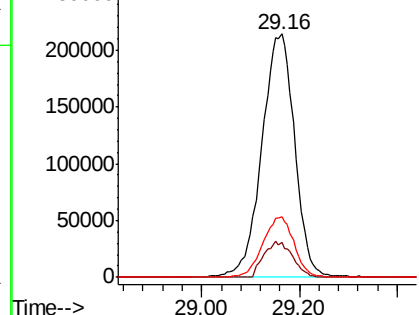
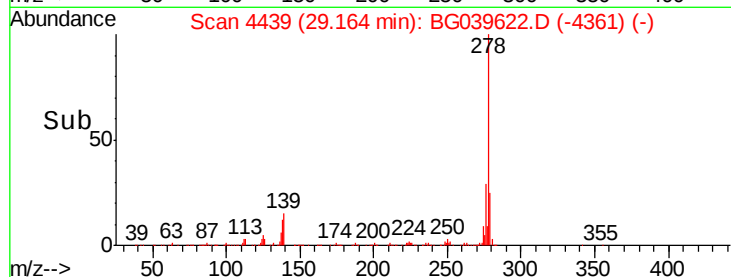


Abundance

Ion 278.00 (277.70 to 278.70): E

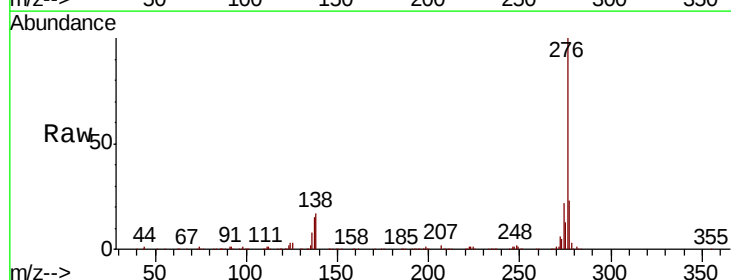
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.505 ng
RT: 30.32 min Scan# 4636
Delta R.T. -0.06 min
Lab File: BG039622.D
Acq: 27 Feb 2019 5:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.6	29.4
138	17.4	14.7	22.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

