

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022119\
 Data File : BG039582.D
 Acq On : 21 Feb 2019 22:05
 Operator : JU/SJ
 Sample : PB117266BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117266BS

Manual Integrations
 APPROVED

Sohil
 2/22/2019 9:23:02 AM

Quant Time: Feb 22 00:42:08 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	82698	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	374887	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	248316	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	578964	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	596640	20.00	ng	-0.01
87) Perylene-d12	25.21	264	567503	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	676921	140.09	ng	0.00
7) Phenol-d6	7.32	99	1025137	144.13	ng	0.00
23) Nitrobenzene-d5	9.35	82	506366	84.38	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	421555	157.65	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1164315	67.26	ng	-0.02
79) Terphenyl-d14	20.13	244	1871434	66.39	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.61	88	84569	40.012	ng 94
3) Pyridine	4.01	79	252781	45.172	ng 93
4) n-Nitrosodimethylamine	3.93	42	127653	45.613	ng 91
6) Aniline	7.50	93	391333	43.926	ng 99
8) 2-Chlorophenol	7.74	128	237130	44.897	ng 95
9) Benzaldehyde	7.31	77	145871	41.506	ng 99
10) Phenol	7.35	94	328691	44.333	ng 99
11) bis(2-Chloroethyl)ether	7.59	93	245505	41.906	ng 98
12) 1,3-Dichlorobenzene	8.06	146	262516	41.029	ng 99
13) 1,4-Dichlorobenzene	8.21	146	270431	42.405	ng 98
14) 1,2-Dichlorobenzene	8.52	146	259406	42.017	ng 99
15) Benzyl Alcohol	8.41	79	245091	43.893	ng 98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	488383	36.915	ng 98
17) 2-Methylphenol	8.60	107	216396	45.102	ng 98
18) Hexachloroethane	9.25	117	95414	43.487	ng 98
19) n-Nitroso-di-n-propylamine	8.98	70	207011	41.008	ng 95
20) 3+4-Methylphenols	8.93	107	304577	46.099	ng 99
22) Acetophenone	9.00	105	391598	38.887	ng 96
24) Nitrobenzene	9.39	77	305072	47.057	ng 95
25) Isophorone	9.91	82	599334	45.070	ng 99
26) 2-Nitrophenol	10.10	139	152150	56.600	ng 96
27) 2,4-Dimethylphenol	10.14	122	241718	44.934	ng 94
28) bis(2-Chloroethoxy)methane	10.38	93	346446	42.297	ng 97
29) 2,4-Dichlorophenol	10.63	162	273995	46.604	ng 94
30) 1,2,4-Trichlorobenzene	10.85	180	281373	42.628	ng 99
31) Naphthalene	11.04	128	807902	43.440	ng 98
32) Benzoic acid	10.30	122	164669	46.983	ng 99
33) 4-Chloroaniline	11.15	127	365312	42.363	ng 99
34) Hexachlorobutadiene	11.30	225	179400	40.869	ng 97
35) Caprolactam	11.95	113	95875m	39.408	ng
36) 4-Chloro-3-methylphenol	12.26	107	295410	43.447	ng 93
37) 2-Methylnaphthalene	12.63	142	610353	44.310	ng 99
38) 1-Methylnaphthalene	12.85	142	584696	44.035	ng 99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	335967	42.524	ng 99

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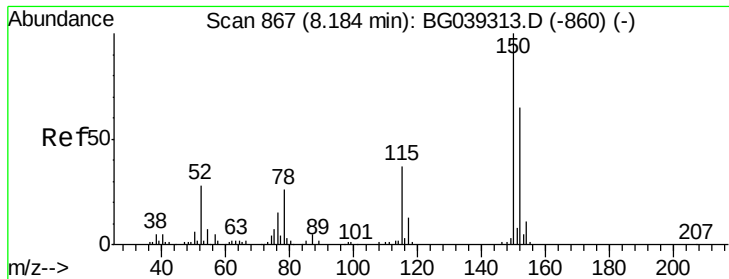
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	376672	87.492	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	226783	46.685	ng	97
44) 2,4,5-Trichlorophenol	13.30	196	245602	48.239	ng	97
46) 1,1'-Biphenyl	13.63	154	804061	38.918	ng	99
47) 2-Chloronaphthalene	13.68	162	629862	40.525	ng	98
48) 2-Nitroaniline	13.89	65	222039	49.432	ng	96
49) Acenaphthylene	14.53	152	976212	41.625	ng	99
50) Dimethylphthalate	14.24	163	807703	40.274	ng	100
51) 2,6-Dinitrotoluene	14.37	165	188017	49.867	ng	95
52) Acenaphthene	14.86	154	601958	39.542	ng	97
53) 3-Nitroaniline	14.71	138	189128	46.913	ng #	92
54) 2,4-Dinitrophenol	14.91	184	129413	78.691	ng	97
55) Dibenzofuran	15.19	168	973387	39.880	ng	96
56) 4-Nitrophenol	15.01	139	297423	81.876	ng	89
57) 2,4-Dinitrotoluene	15.16	165	263678	53.791	ng #	84
58) Fluorene	15.84	166	766993	42.153	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	235254	49.350	ng	96
60) Diethylphthalate	15.60	149	811616	39.142	ng	96
61) 4-Chlorophenyl-phenylether	15.82	204	413717	40.156	ng	98
62) 4-Nitroaniline	15.88	138	206617	49.031	ng	90
63) Azobenzene	16.12	77	735747	36.303	ng	96
65) 4,6-Dinitro-2-methylphenol	15.91	198	123665	52.316	ng	99
66) n-Nitrosodiphenylamine	16.04	169	702052	39.880	ng	99
67) 4-Bromophenyl-phenylether	16.72	248	270066	42.047	ng	96
68) Hexachlorobenzene	16.83	284	278241	43.177	ng	95
69) Atrazine	16.98	200	170868	26.560	ng	98
70) Pentachlorophenol	17.18	266	325188	72.606	ng	98
71) Phenanthrene	17.58	178	1234806	41.208	ng	98
72) Anthracene	17.68	178	1259610	42.675	ng	97
73) Carbazole	17.95	167	1129631	38.349	ng	99
74) Di-n-butylphthalate	18.47	149	1336454	38.890	ng	98
75) Fluoranthene	19.58	202	1486457	42.738	ng	99
77) Benzidine	19.76	184	990139	50.618	ng	98
78) Pyrene	19.94	202	1482194	39.906	ng	97
80) Butylbenzylphthalate	20.81	149	663497	42.347	ng	95
81) Benzo(a)anthracene	21.81	228	1489201	42.241	ng	98
82) 3,3'-Dichlorobenzidine	21.72	252	539925	41.303	ng	99
83) Chrysene	21.88	228	1402646	41.794	ng	97
84) Bis(2-ethylhexyl)phthalate	21.68	149	919594	41.140	ng	96
85) Di-n-octyl phthalate	22.93	149	1558744	42.209	ng	97
86) Indeno(1,2,3-cd)pyrene	29.11	276	1491647	41.426	ng #	95
88) Benzo(b)fluoranthene	24.13	252	1453210	46.955	ng	98
89) Benzo(k)fluoranthene	24.20	252	1442574	46.426	ng	99
90) Benzo(a)pyrene	25.05	252	1446826	48.541	ng	98
91) Dibenzo(a,h)anthracene	29.18	278	1231495	44.118	ng	97
92) Benzo(g,h,i)perylene	30.33	276	1200578	43.152	ng	99

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



#1

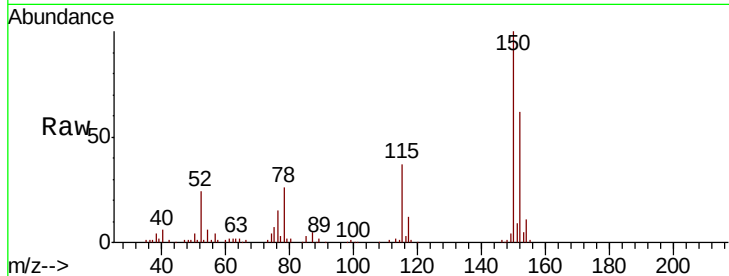
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Instrument :
BNA_G
ClientSampled :
PB117266BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.5	123.7	185.5
115	60.0	45.9	68.9

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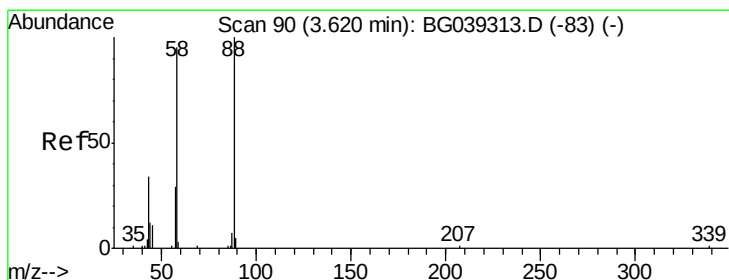
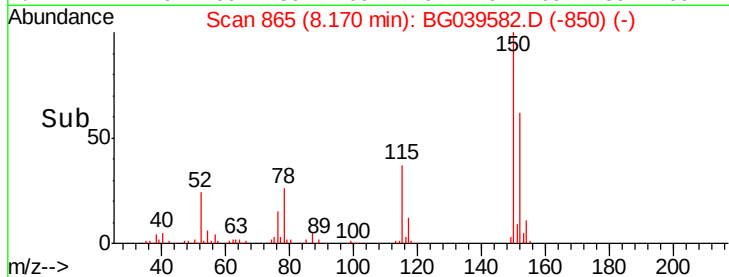
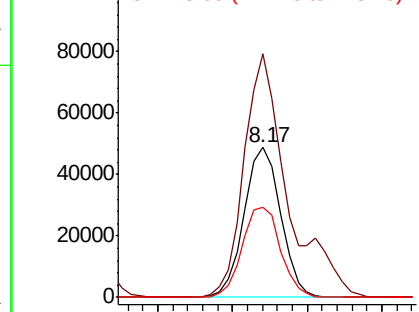


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

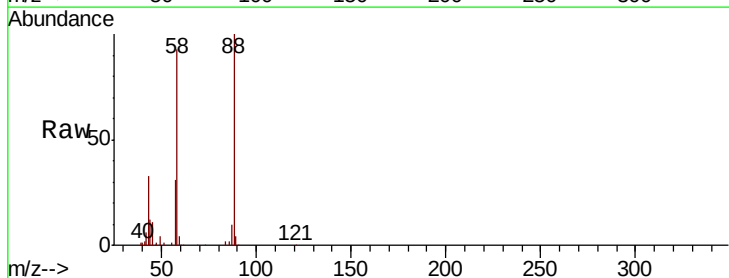
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.012 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.2	81.1	121.7
43	36.3	31.4	47.0

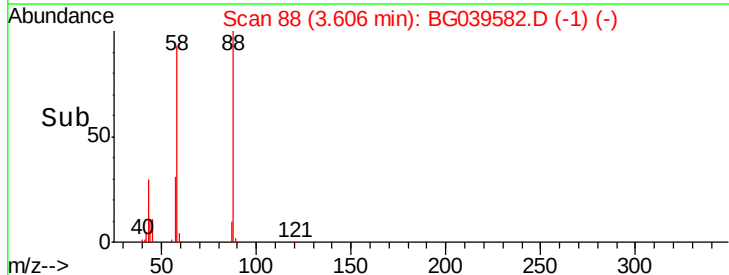
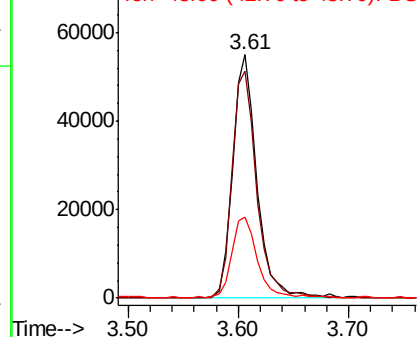


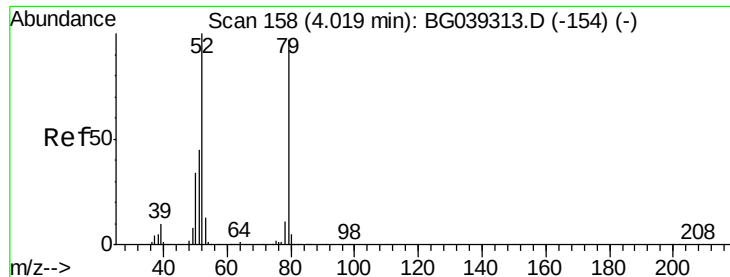
Abundance

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: 45.172 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA_G

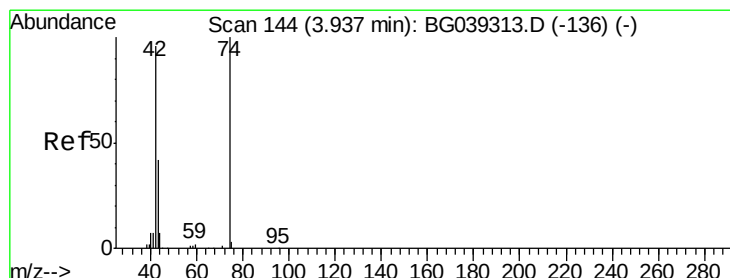
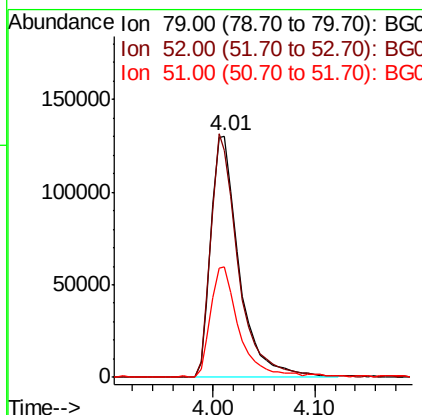
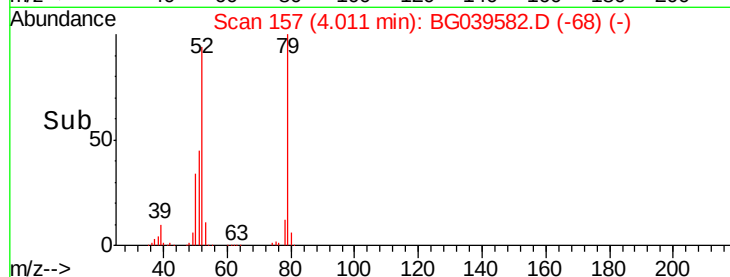
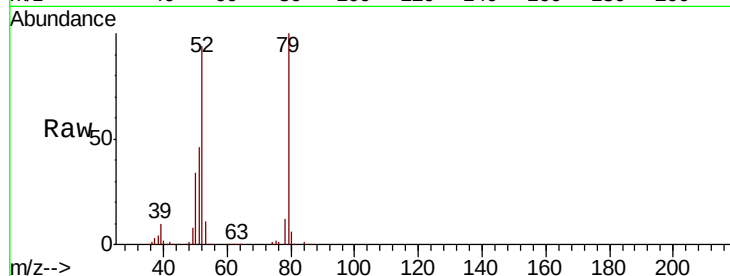
ClientSampleId :

PB117266BS

Tot Ion:	79	Resp:	252781
Ion Ratio	Lower	Upper	
79	100		
52	93.9	82.6	124.0
51	45.6	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 45.613 ng

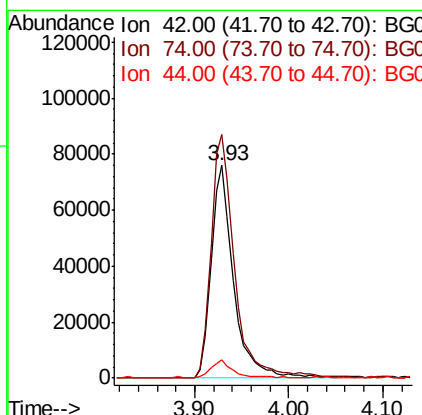
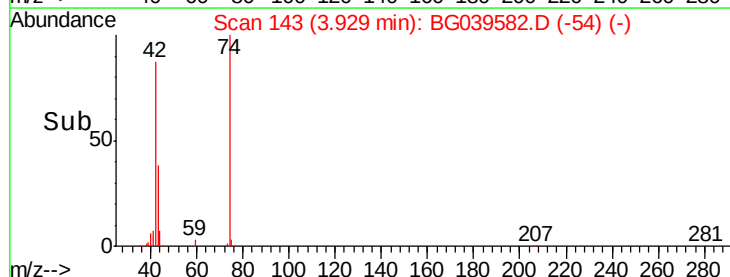
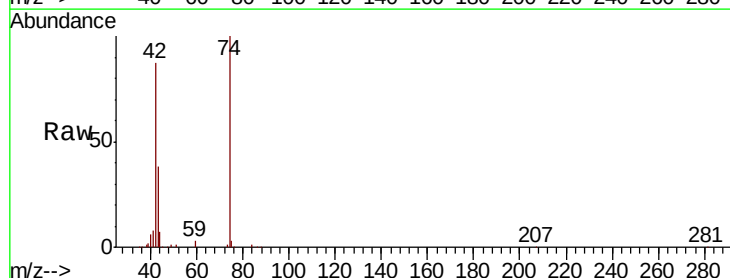
RT: 3.93 min Scan# 143

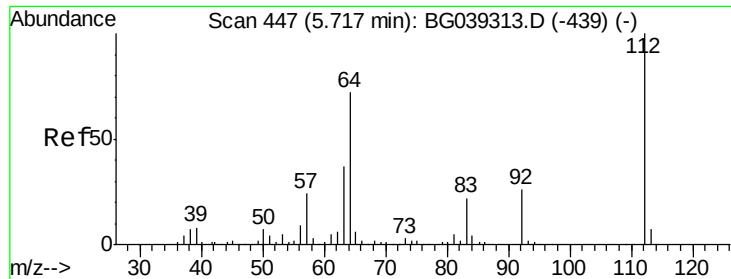
Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Tgt Ion:	42	Resp:	127653
Ion Ratio	Lower	Upper	
42	100		
74	114.7	83.6	125.4
44	8.5	6.9	10.3





#5

2-Fluorophenol

Concen: 140.095 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA_G

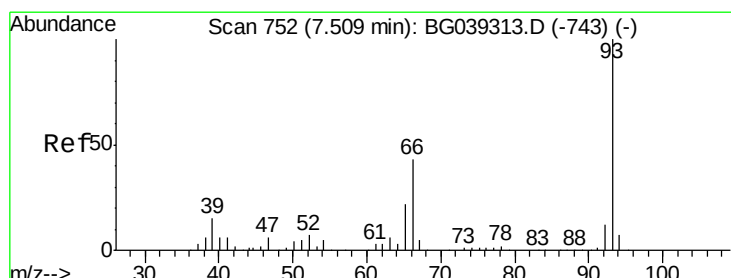
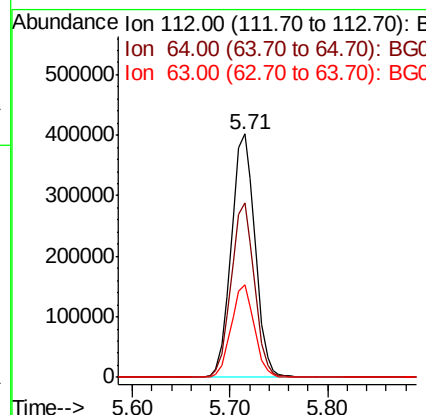
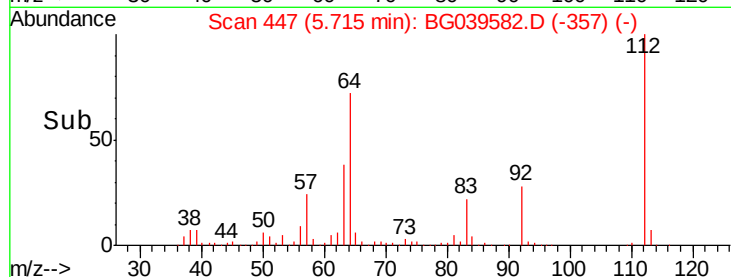
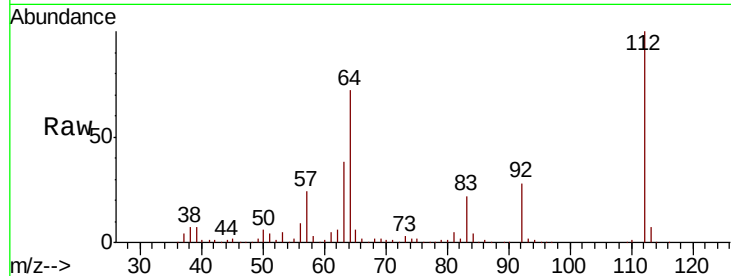
ClientSampleId :

PB117266BS

Tot Ion:	112	Resp:	676921
Ion Ratio	Lower	Upper	
112	100		
64	71.7	57.8	86.8
63	37.9	29.8	44.6

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#6

Aniline

Concen: 43.926 ng

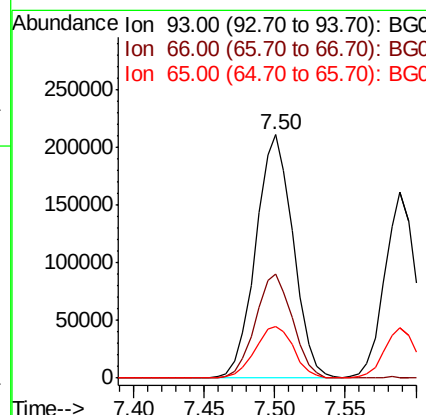
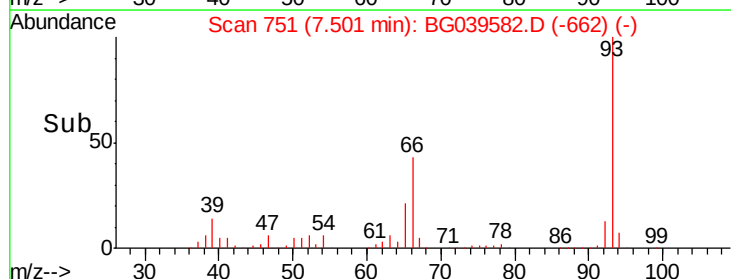
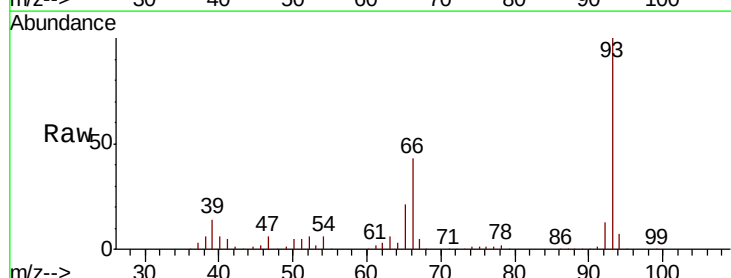
RT: 7.50 min Scan# 751

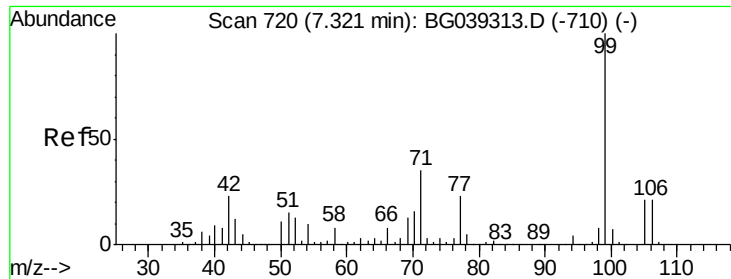
Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Tgt Ion:	93	Resp:	391333
Ion Ratio	Lower	Upper	
93	100		
66	42.7	34.2	51.4
65	21.3	17.7	26.5





#7

Phenol-d6

Concen: 144.134 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA_G

ClientSampleId :

PB117266BS

Tot Ion: 99 Resp: 1025137

Ion Ratio Lower Upper

99 100

42 21.5 18.2 27.2

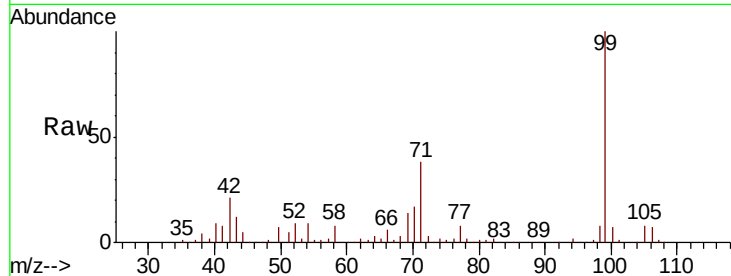
71 38.4 28.0 42.0

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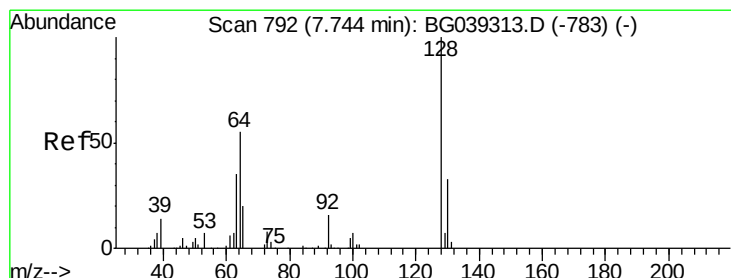
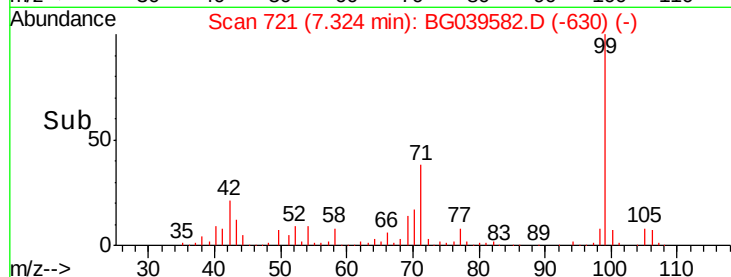
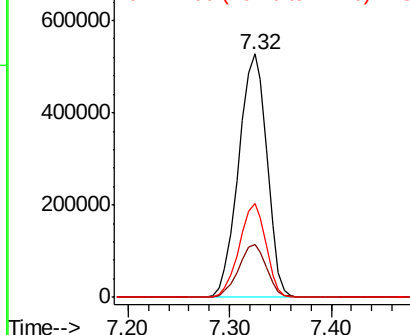
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.897 ng

RT: 7.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

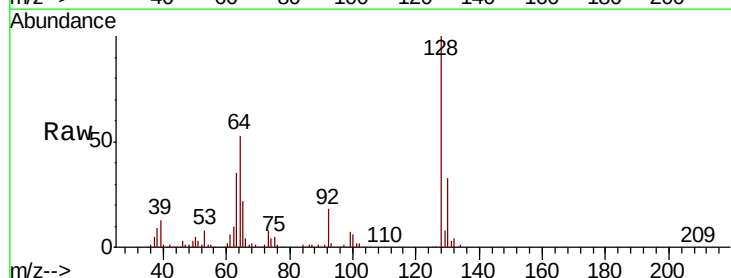
Tgt Ion:128 Resp: 237130

Ion Ratio Lower Upper

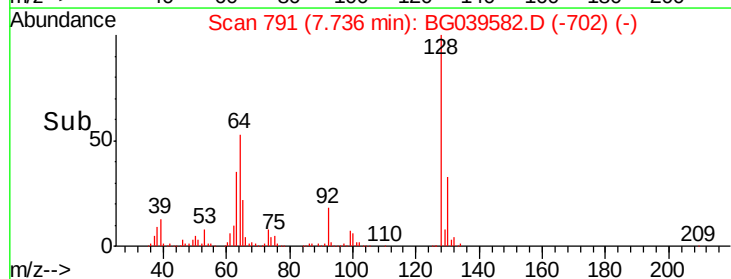
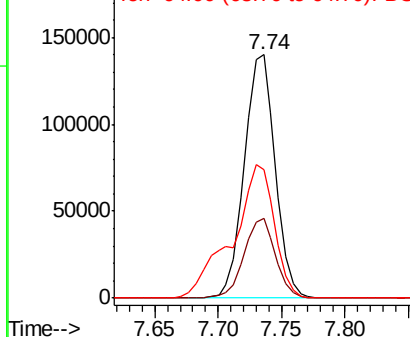
128 100

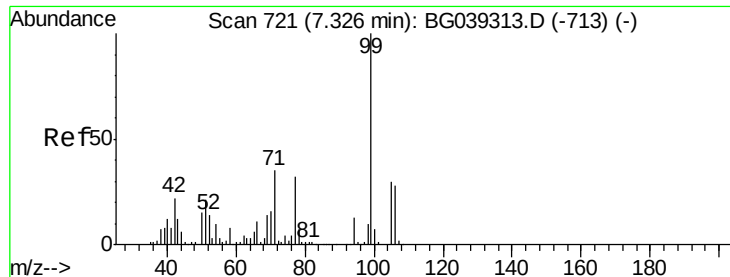
130 32.9 12.9 52.9

64 52.5 38.7 78.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 41.506 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA_G

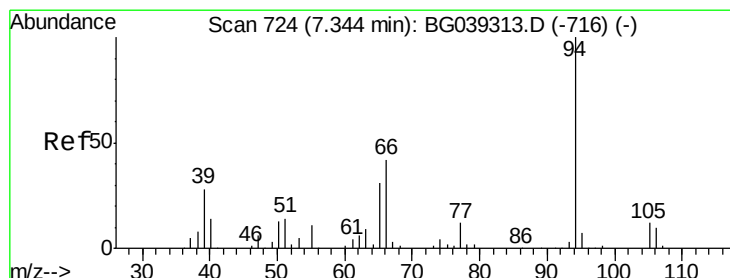
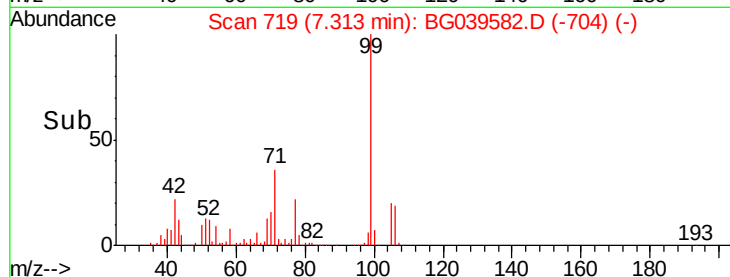
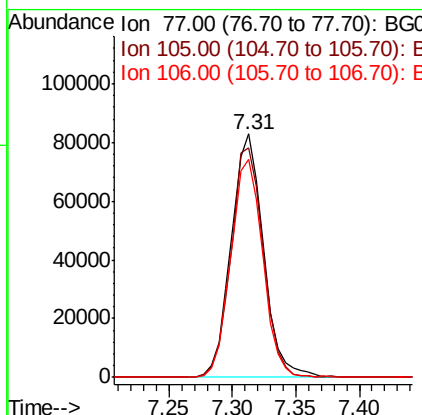
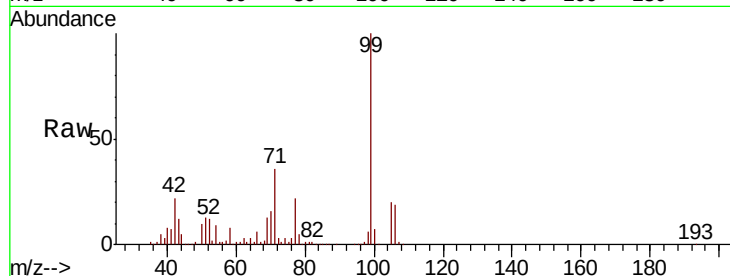
ClientSampled :

PB117266BS

Tot Ion:	77	Resp:	145871
Ion	Ratio	Lower	Upper
77	100		
105	94.3	74.5	114.5
106	89.5	68.0	108.0

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#10

Phenol

Concen: 44.333 ng

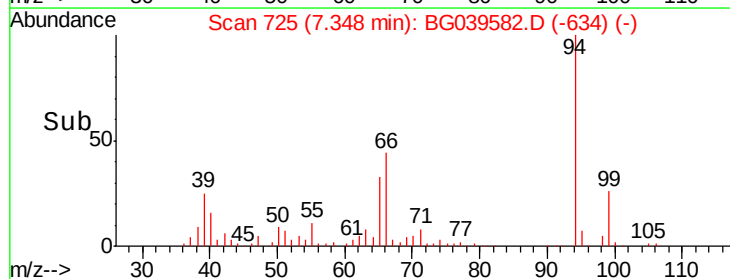
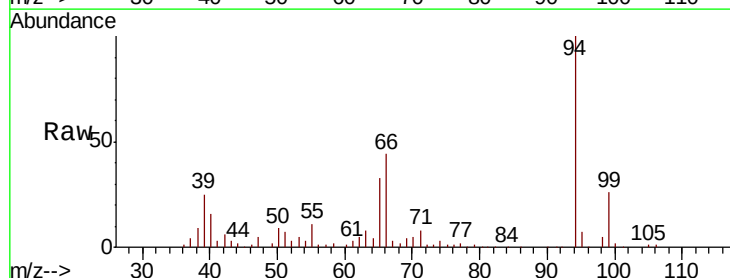
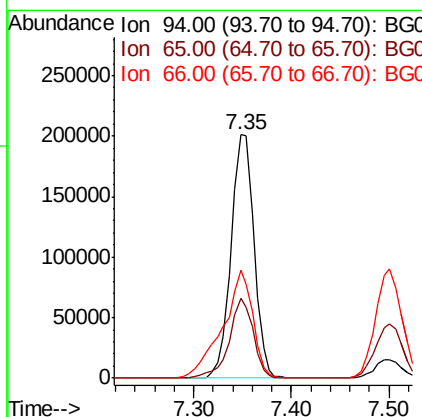
RT: 7.35 min Scan# 725

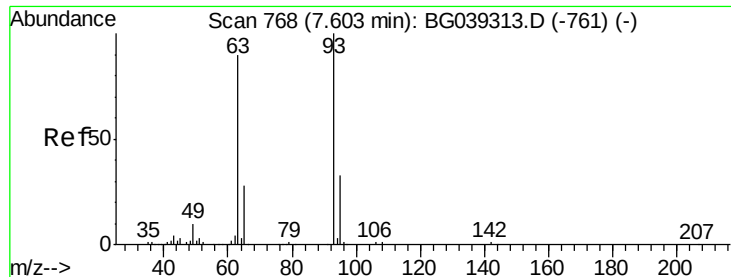
Delta R.T. 0.00 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Tgt Ion:	94	Resp:	328691
Ion	Ratio	Lower	Upper
94	100		
65	32.9	11.7	51.7
66	44.1	23.7	63.7





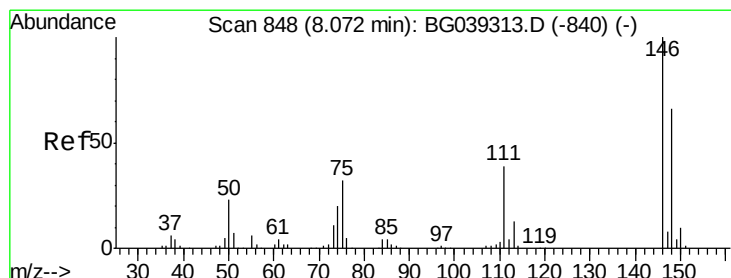
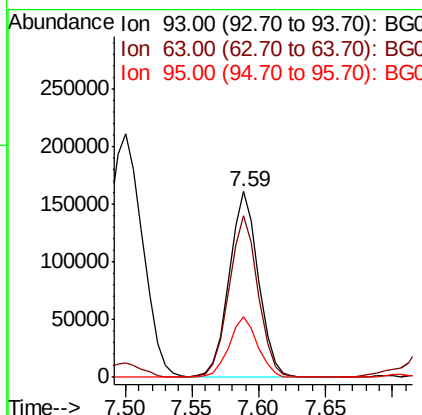
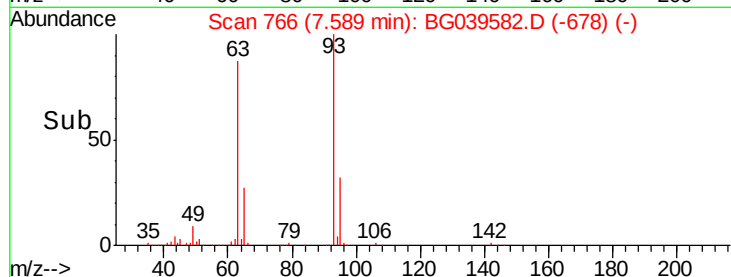
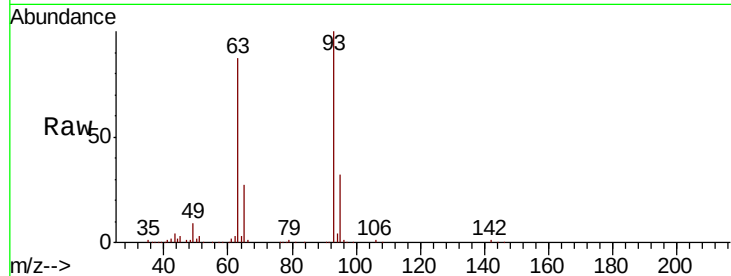
#11
bis(2-Chloroethyl)ether
Concen: 41.906 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Instrument :
BNA_G
ClientSampleID :
PB117266BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.9	69.5	109.5
95	32.4	12.7	52.7

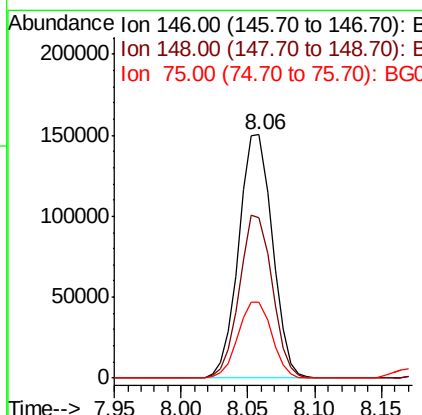
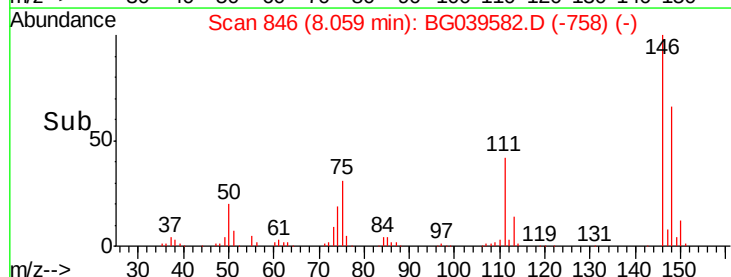
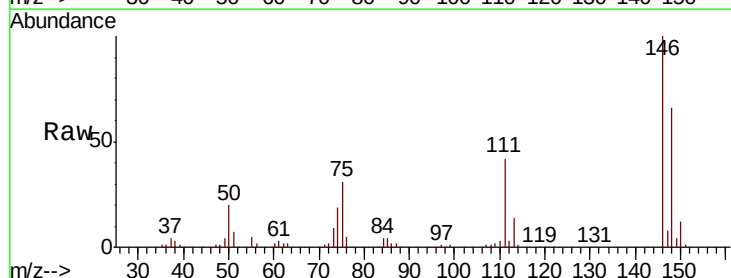
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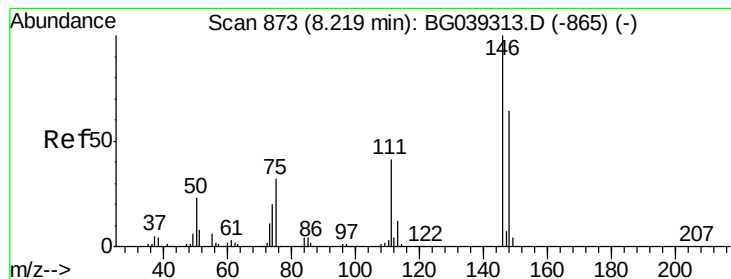
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.029 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.6	79.0
75	31.2	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 42.405 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA_G

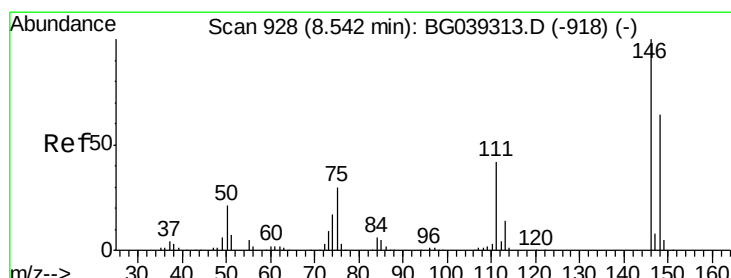
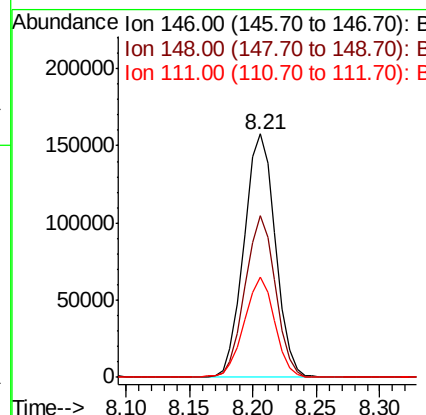
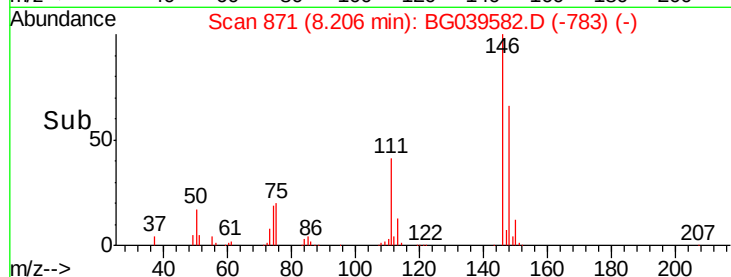
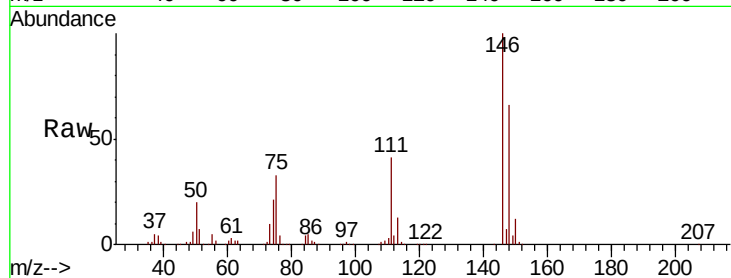
ClientSampleId :

PB117266BS

Tot Ion:	146	Resp:	270431
Ion Ratio	Lower	Upper	
146	100		
148	66.3	51.1	76.7
111	41.0	32.6	48.8

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#14

1,2-Dichlorobenzene

Concen: 42.017 ng

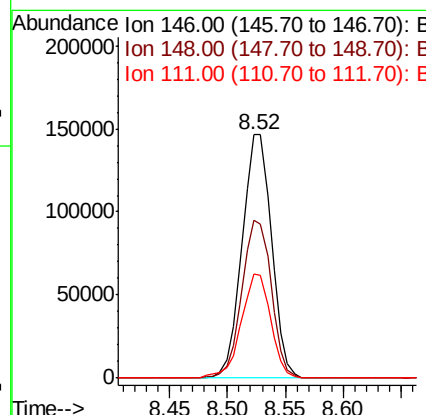
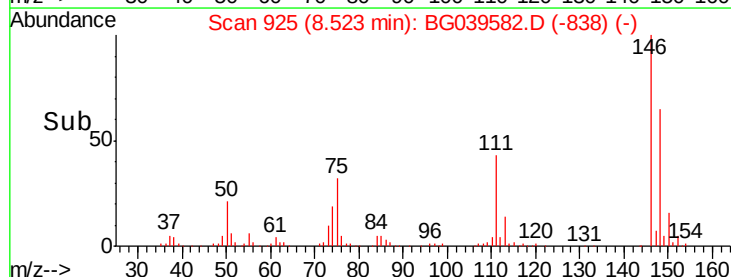
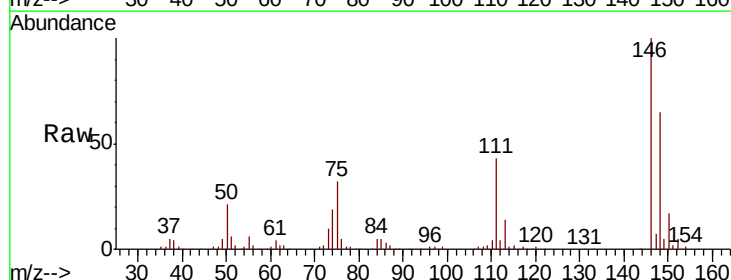
RT: 8.52 min Scan# 925

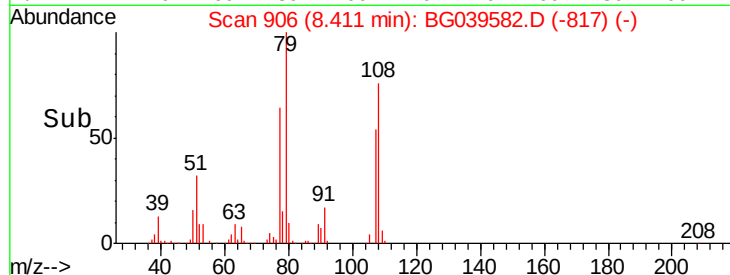
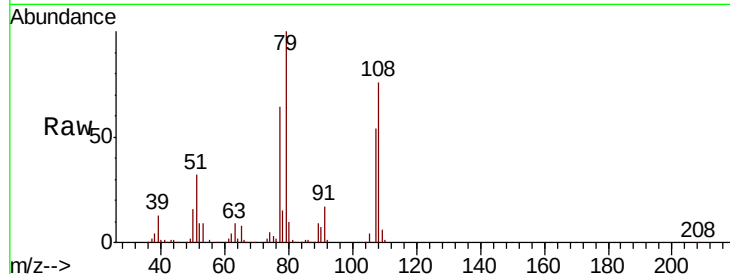
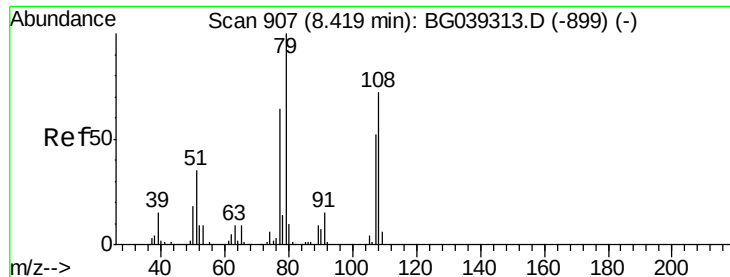
Delta R.T. -0.02 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Tgt Ion:	146	Resp:	259406
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.5	77.3
111	42.8	33.8	50.6





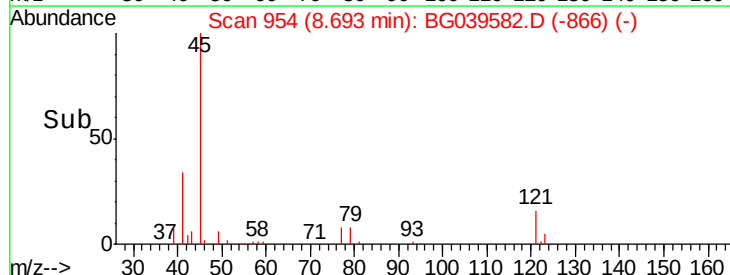
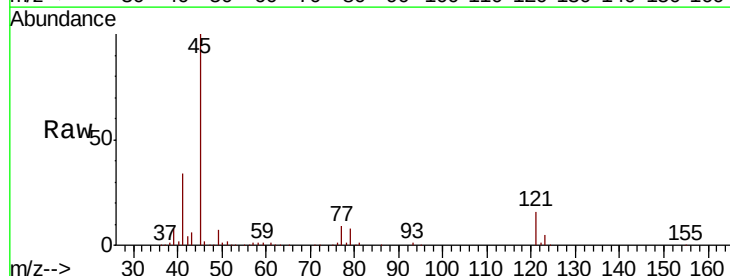
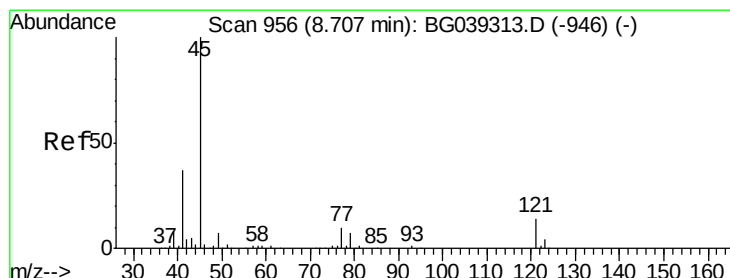
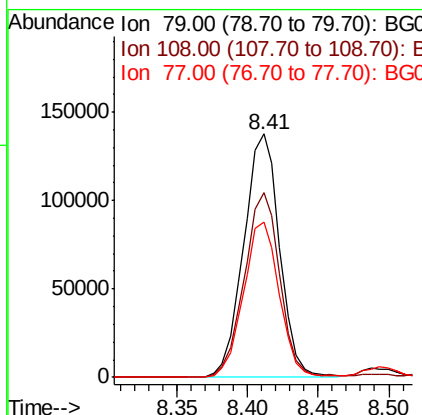
#15
Benzyl Alcohol
Concen: 43.893 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.9	57.8	86.6
77	63.8	51.1	76.7

Instrument :
BNA_G
ClientSampleId :
PB117266BS

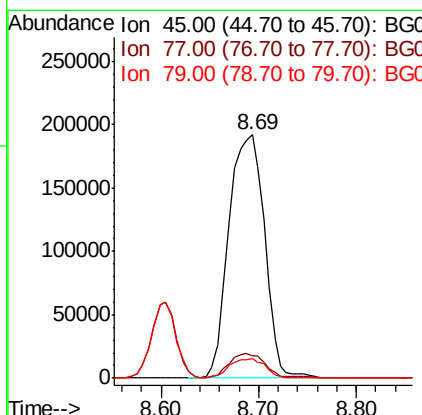
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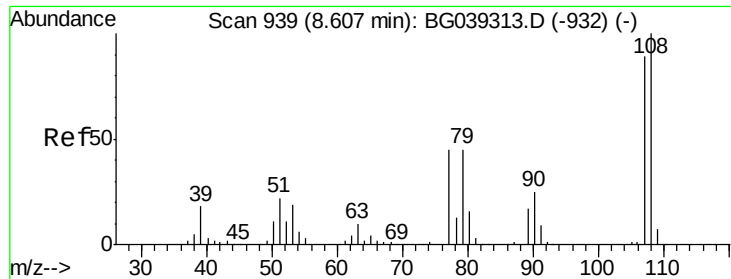
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.915 ng
RT: 8.69 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.0	0.0	30.0
79	8.3	0.0	27.5





#17

2-Methylphenol

Concen: 45.102 ng

RT: 8.60 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA_G

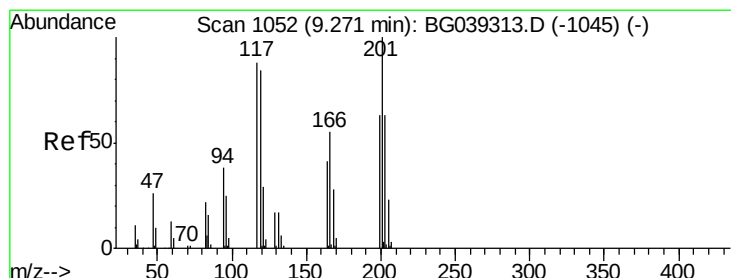
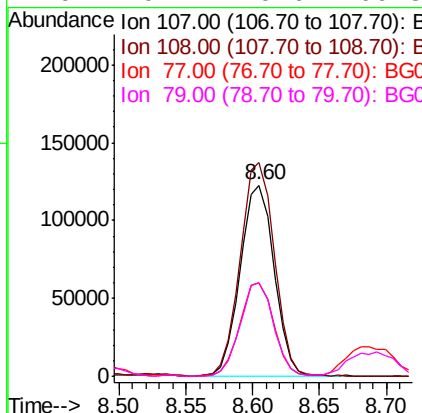
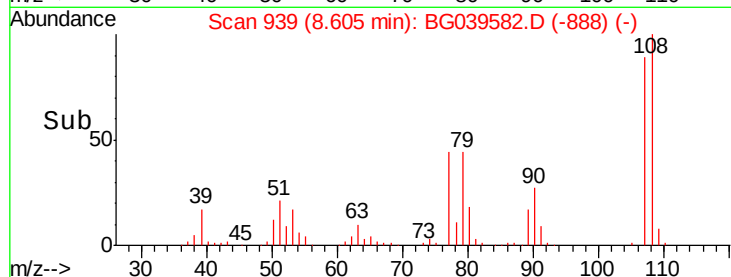
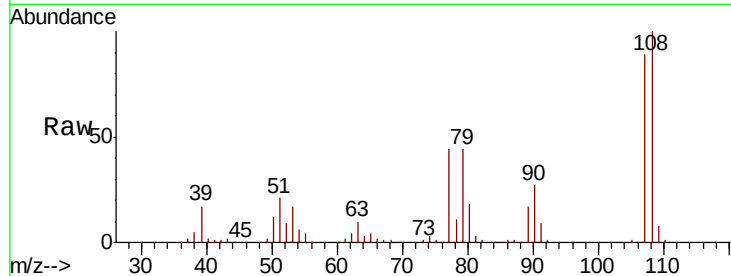
ClientSampleId :

PB117266BS

Tot Ion:	107	Resp:	216396
Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.8	136.2
77	49.1	40.7	61.1
79	49.1	40.6	60.8

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#18

Hexachloroethane

Concen: 43.487 ng

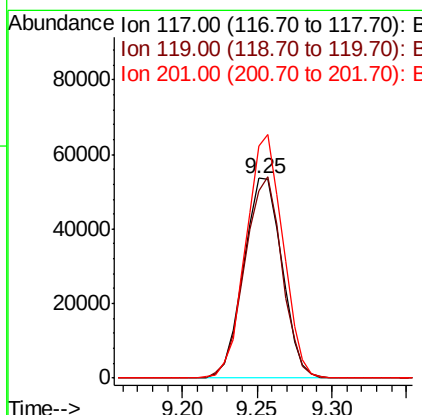
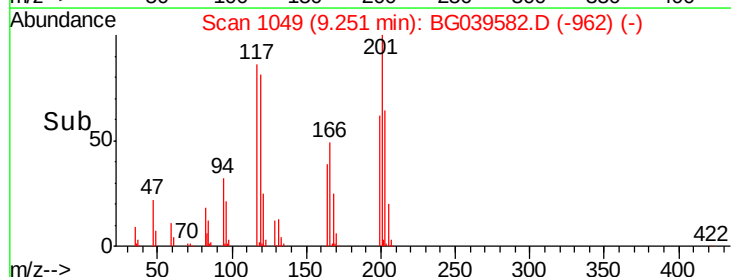
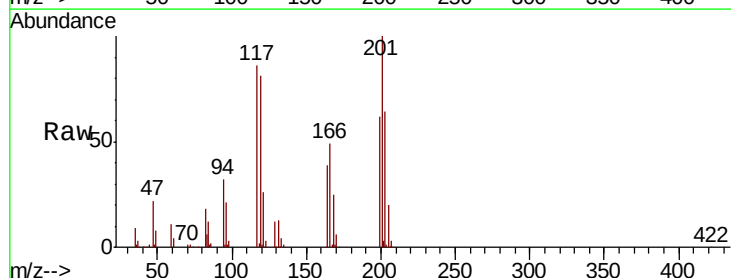
RT: 9.25 min Scan# 1049

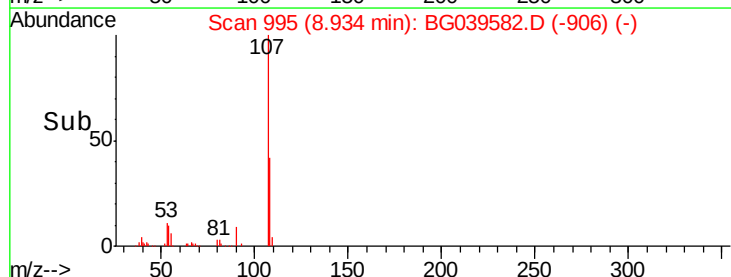
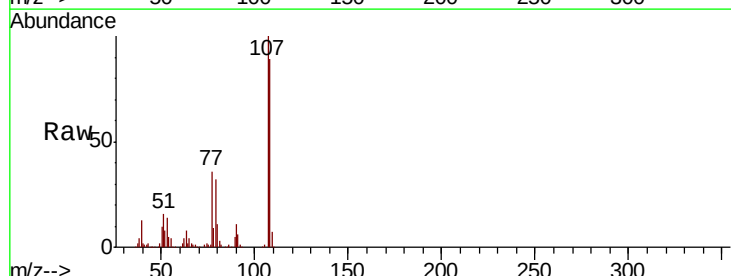
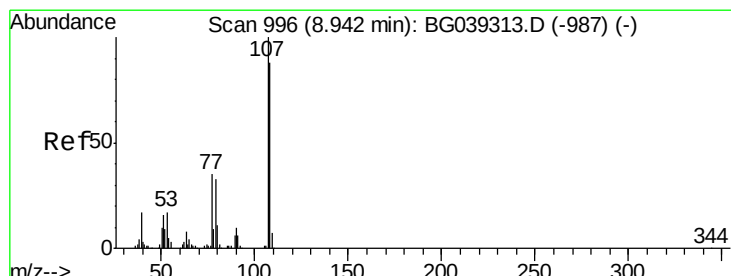
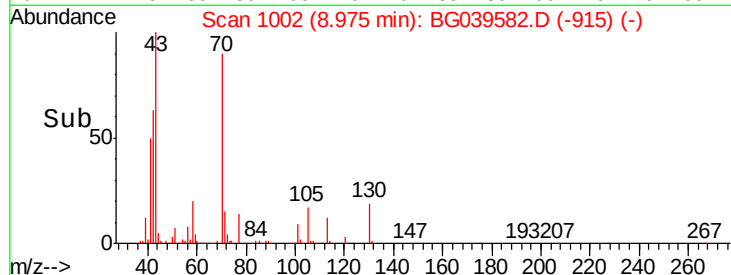
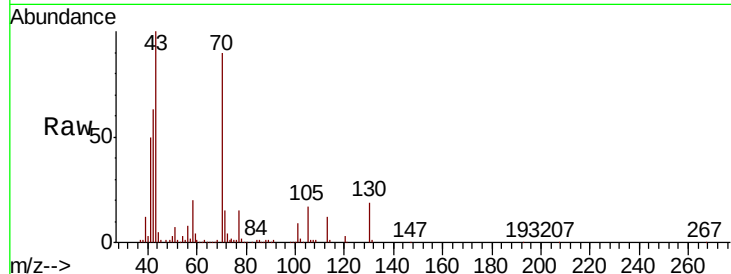
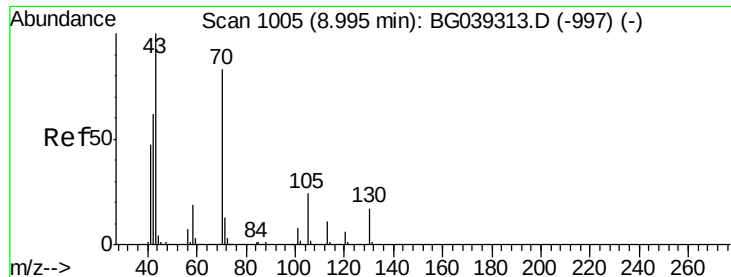
Delta R.T. -0.02 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

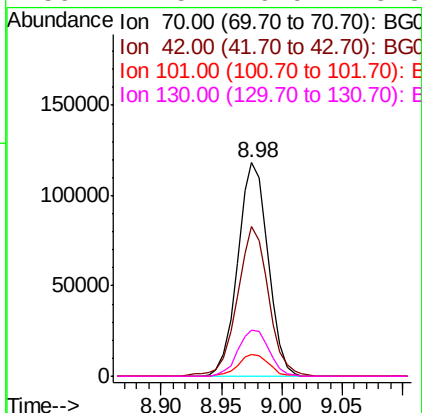
Tgt Ion:	117	Resp:	95414
Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.3	114.5
201	116.4	91.1	136.7





#19
n-Nitroso-di-n-propylamine
Concen: 41.008 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.0	60.4	90.6
101	10.0	7.5	11.3
130	21.5	16.9	25.3



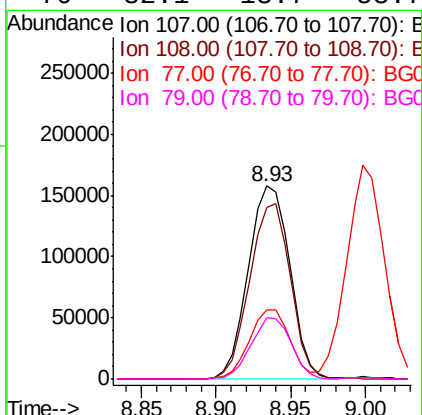
Instrument :
BNA_G
ClientSampleId :
PB117266BS

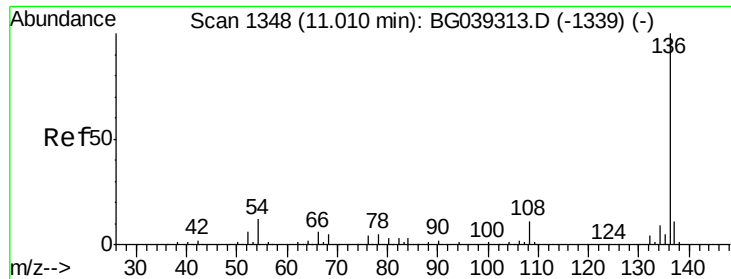
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#20
3+4-Methylphenols
Concen: 46.099 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	67.9	107.9
77	35.7	15.4	55.4
79	32.1	13.7	53.7





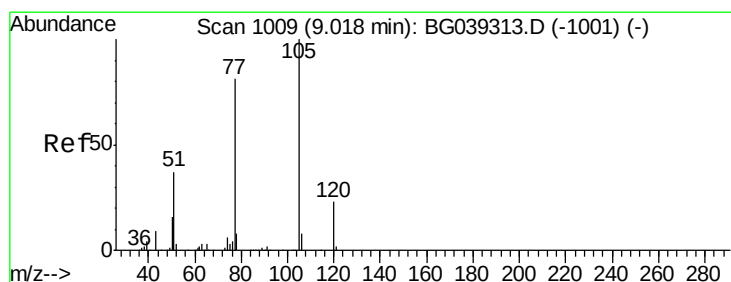
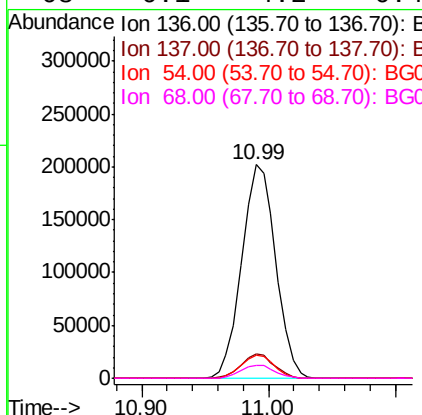
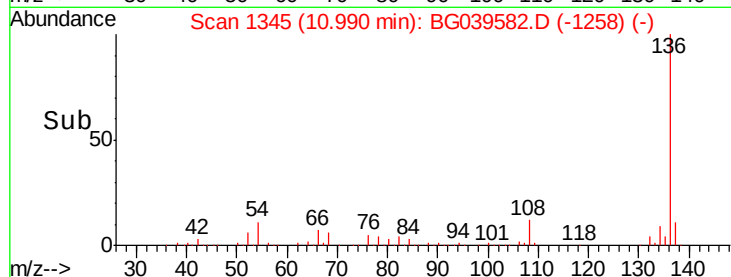
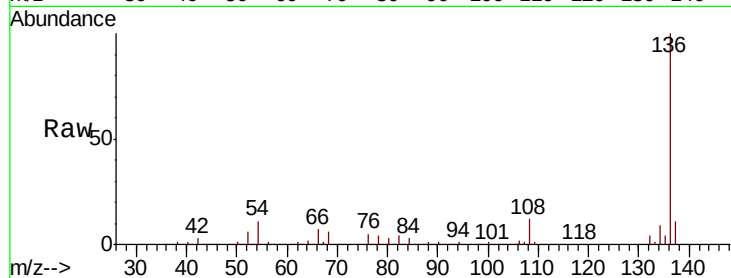
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Instrument :
BNA_G
ClientSampleId :
PB117266BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.1	13.7	
54	11.0	9.4	14.2	
68	6.1	4.2	6.4	

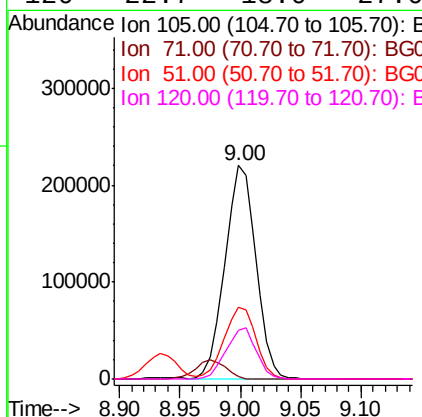
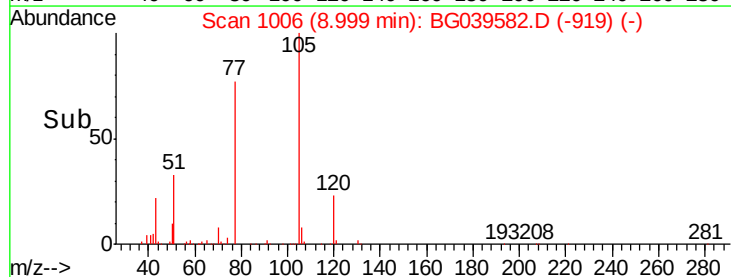
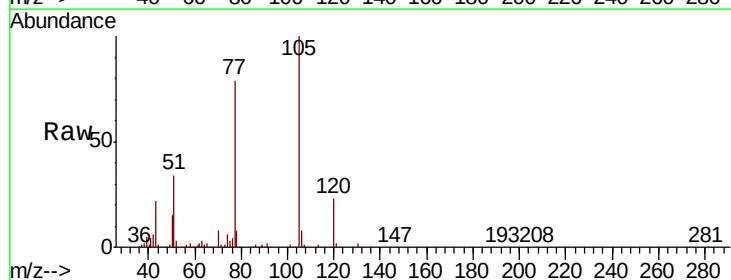
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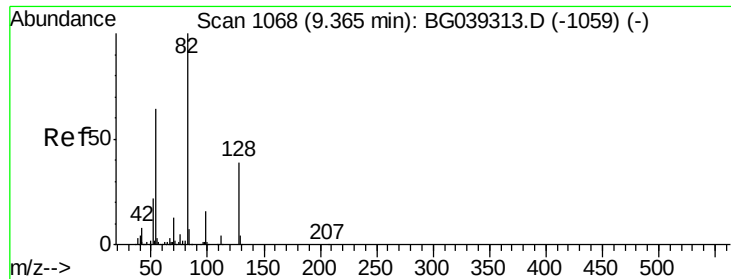
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#22
Acetophenone
Concen: 38.887 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.1	0.8	1.2	
51	33.7	30.2	45.2	
120	22.7	18.0	27.0	





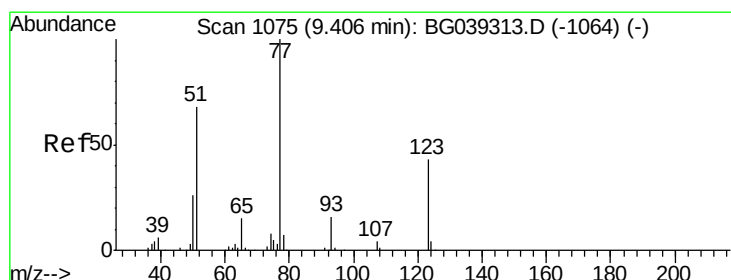
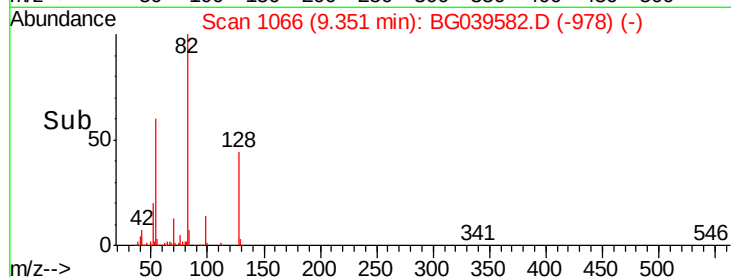
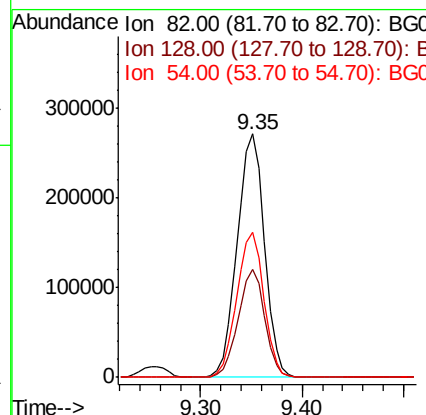
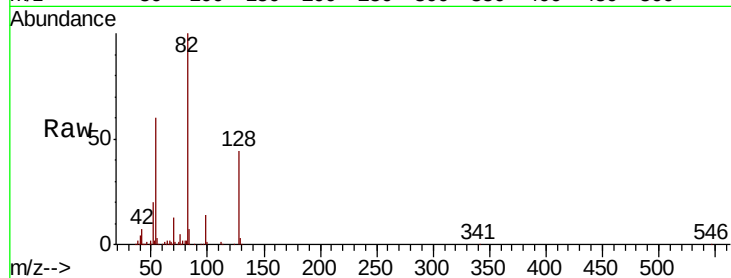
#23
 Nitrobenzene-d5
 Concen: 84.381 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039582.D
 Acq: 21 Feb 2019 22:05

Instrument :
 BNA_G
 ClientSampleId :
 PB117266BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	31.3	46.9
54	59.5	50.9	76.3

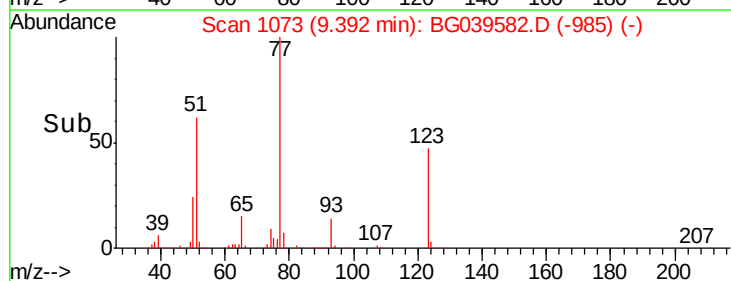
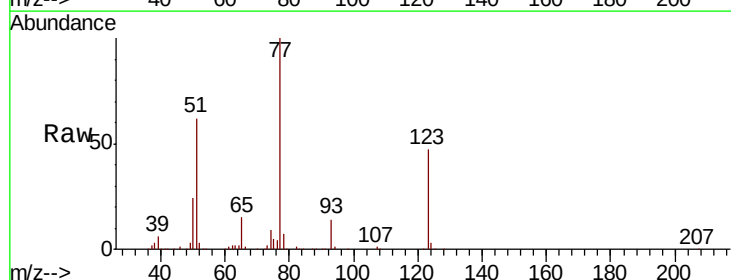
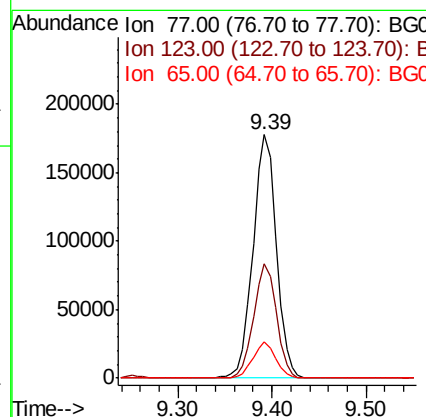
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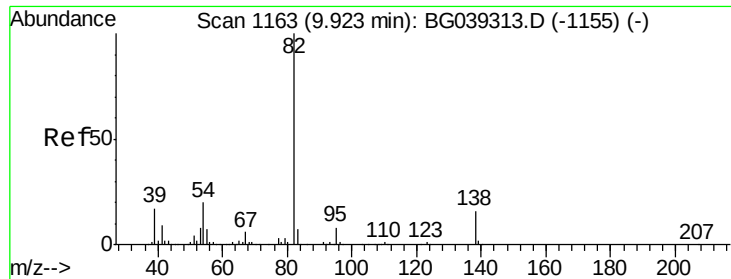
Sohil
 2/22/2019 9:23:02 AM



#24
 Nitrobenzene
 Concen: 47.057 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039582.D
 Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	34.1	51.1
65	15.1	12.3	18.5





#25

Isophorone

Concen: 45.070 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA_G

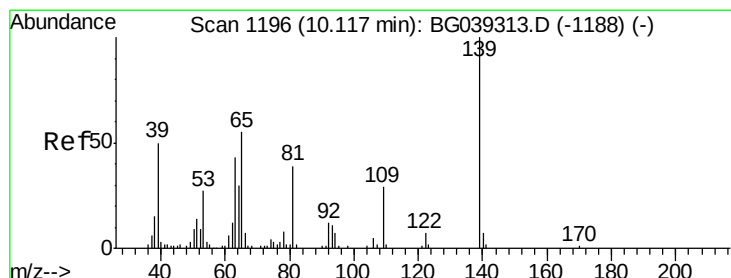
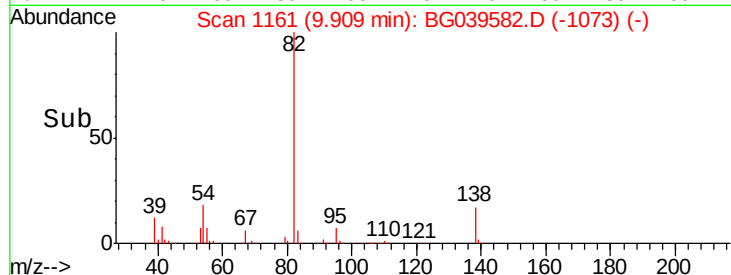
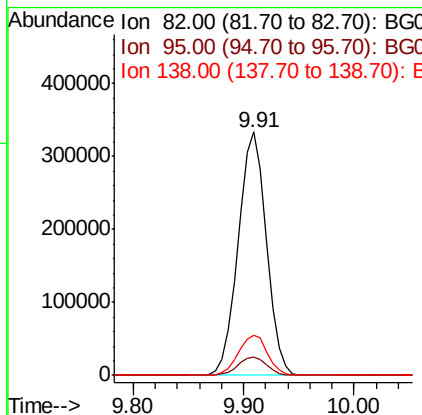
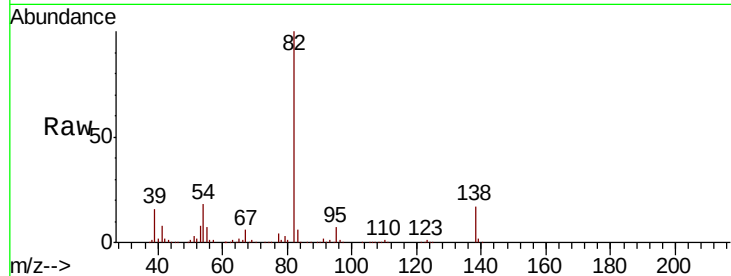
ClientSampleId :

PB117266BS

Tot Ion:	82	Resp:	599334
Ion Ratio	Lower	Upper	
82	100		
95	7.3	6.2	9.2
138	16.7	13.0	19.4

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#26

2-Nitrophenol

Concen: 56.600 ng

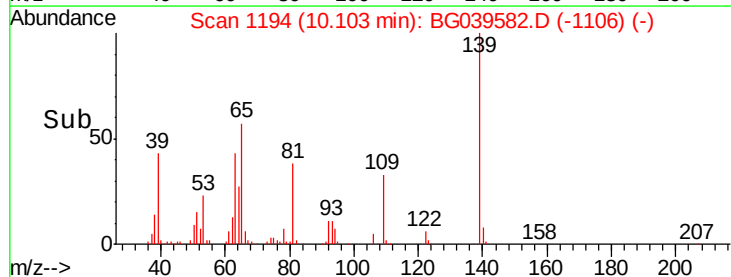
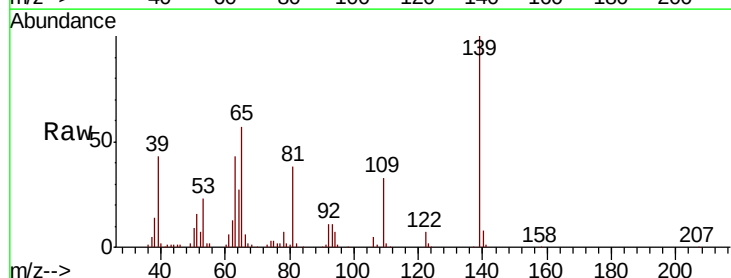
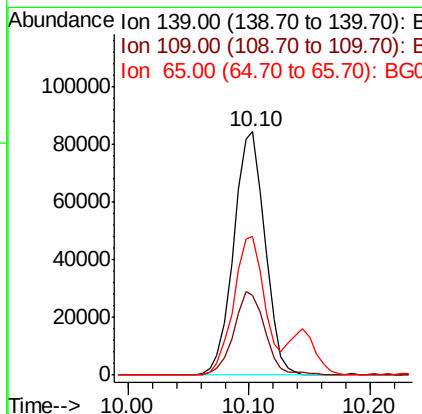
RT: 10.10 min Scan# 1194

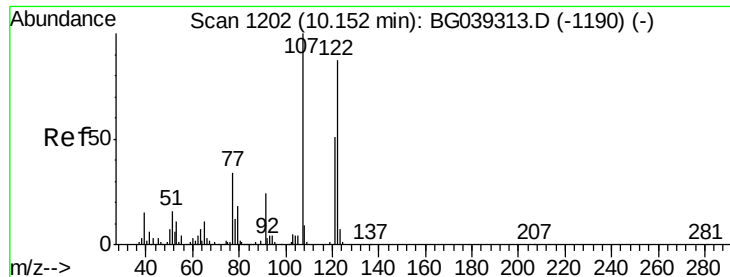
Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Tgt Ion:	139	Resp:	152150
Ion Ratio	Lower	Upper	
139	100		
109	32.6	23.4	35.0
65	57.0	44.3	66.5





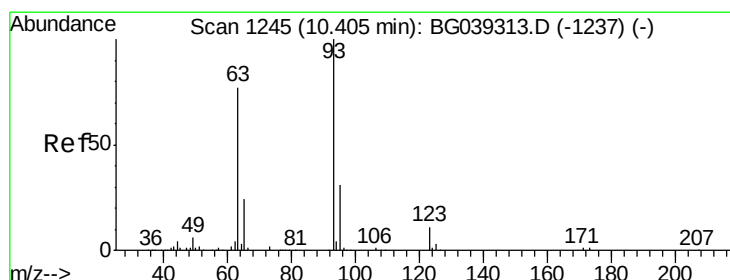
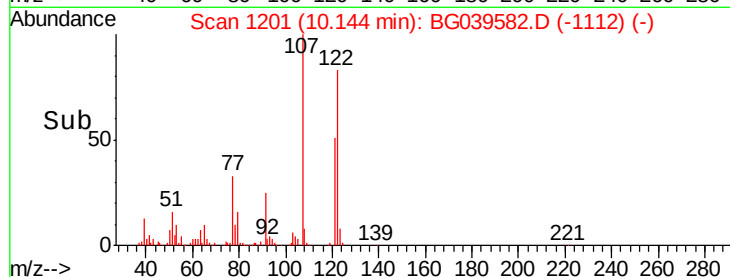
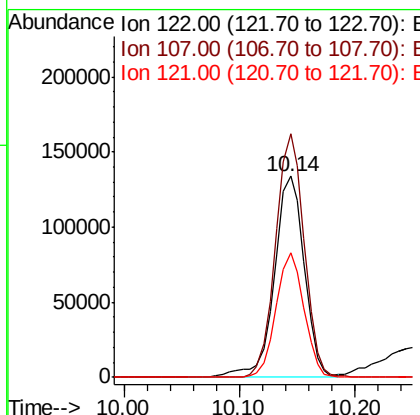
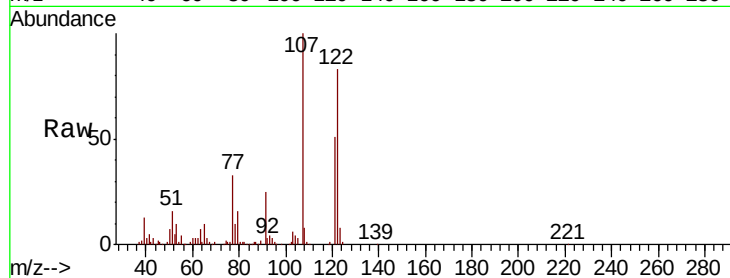
#27
2,4-Dimethylphenol
Concen: 44.934 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Instrument :
BNA_G
ClientSampleId :
PB117266BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	241718		
107	121.0	91.7	137.5	
121	61.7	46.4	69.6	

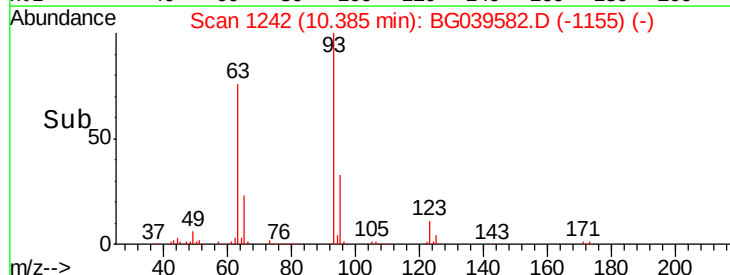
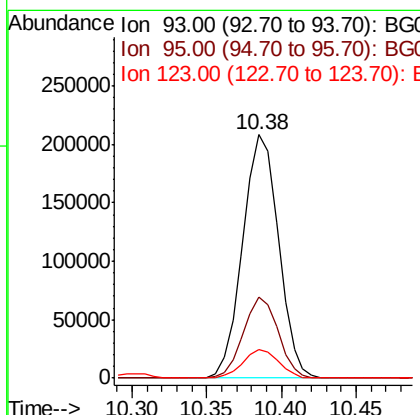
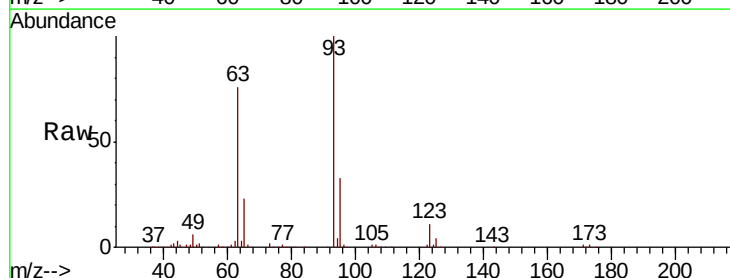
Manual Integrations
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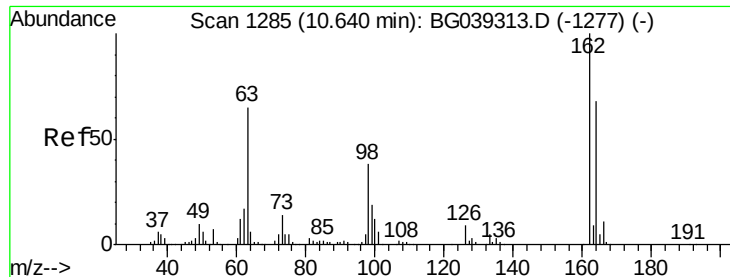
Sohil
2/22/2019 9:23:02 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.297 ng
RT: 10.38 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	346446		
95	33.2	25.0	37.4	
123	11.5	8.6	12.8	





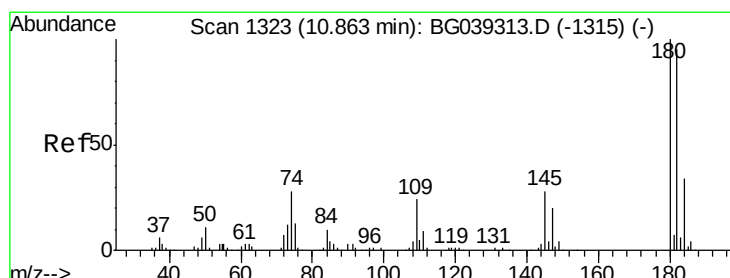
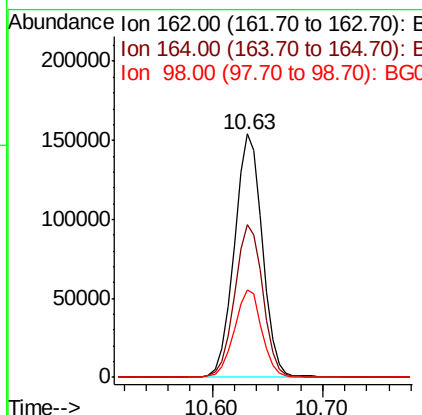
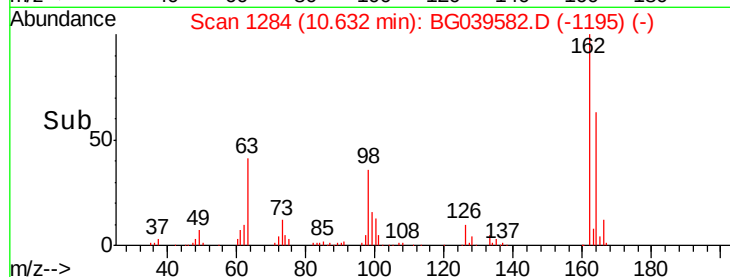
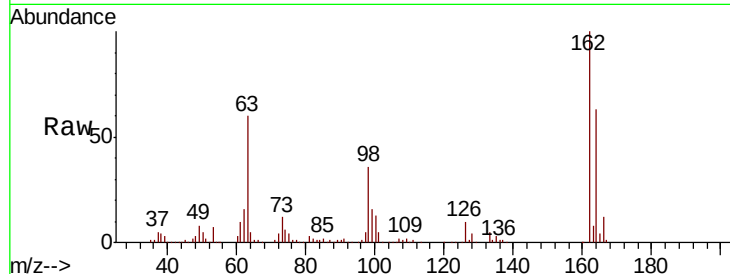
#29
2,4-Dichlorophenol
Concen: 46.604 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Instrument :
BNA_G
ClientSampleId :
PB117266BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	273995		
164	62.7	48.1	88.1	
98	35.9	18.1	58.1	

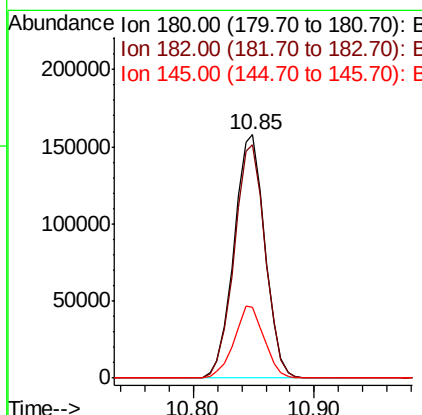
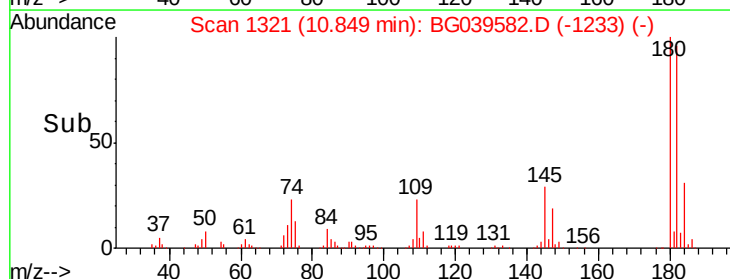
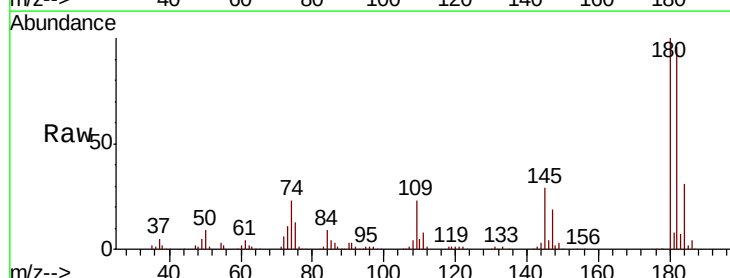
Manual Integrations
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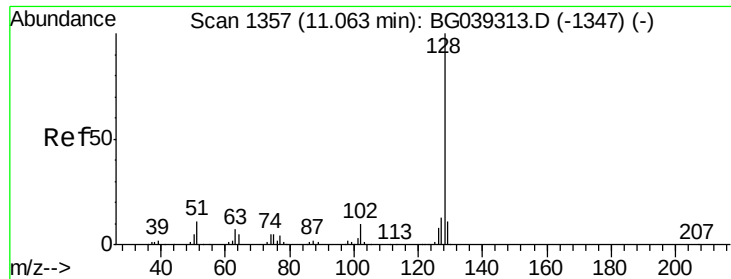
Sohil
2/22/2019 9:23:02 AM



#30
1,2,4-Trichlorobenzene
Concen: 42.628 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	281373		
182	95.7	76.0	114.0	
145	29.0	22.7	34.1	





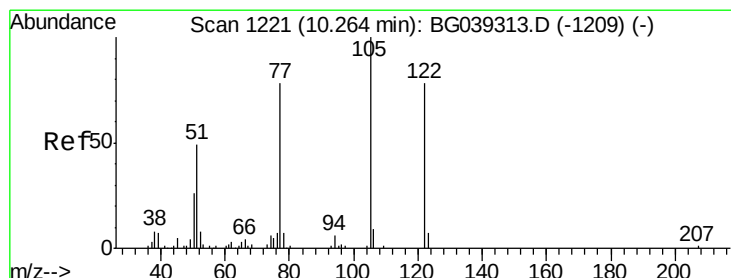
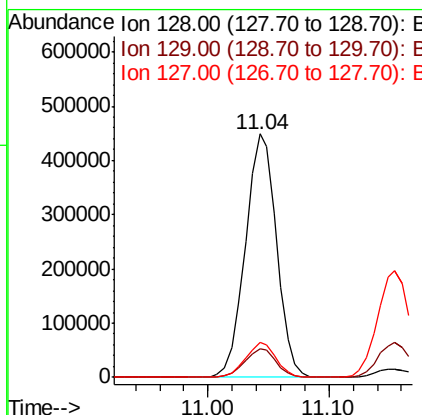
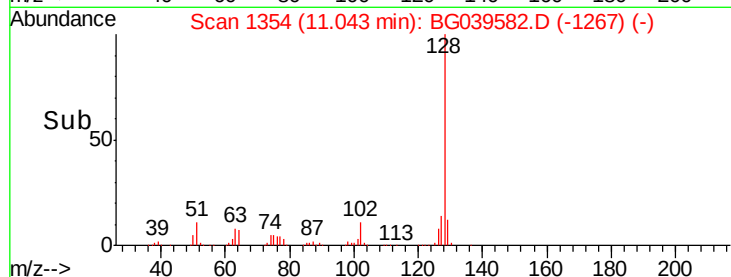
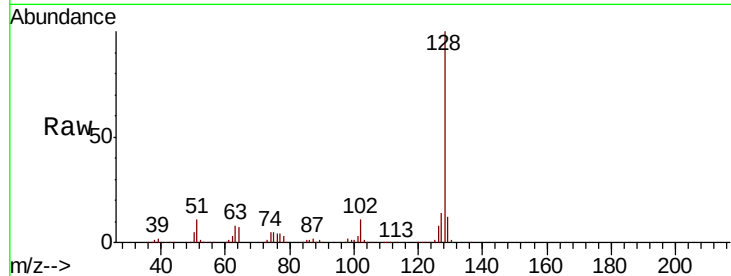
#31
Naphthalene
Concen: 43.440 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Instrument :
BNA_G
ClientSampleId :
PB117266BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	807902		
129	11.8		8.7	13.1
127	14.4		10.8	16.2

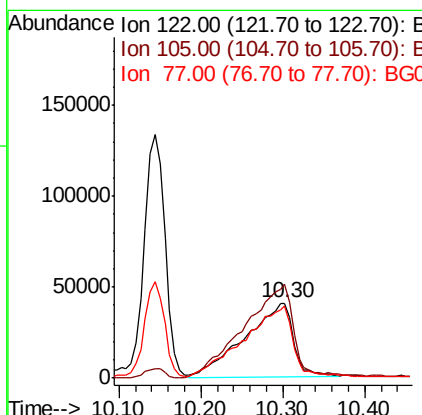
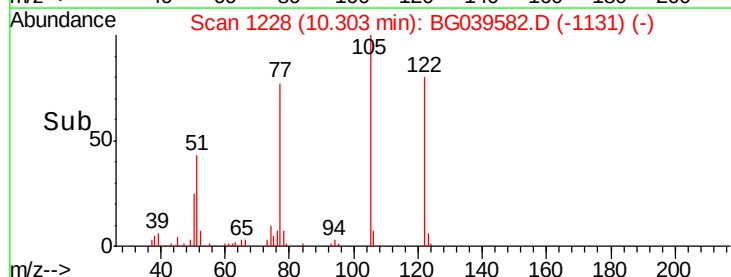
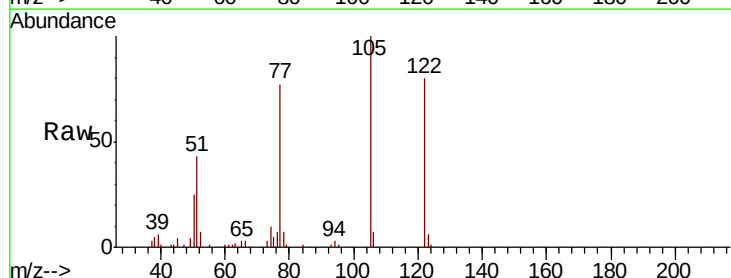
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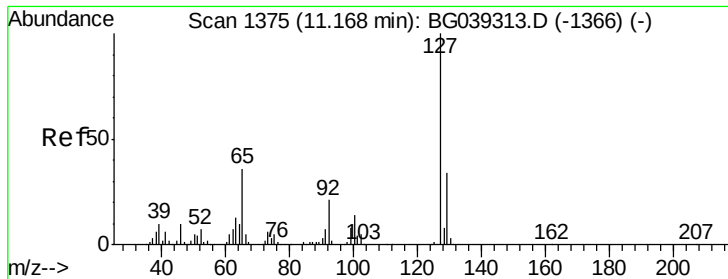
Sohil
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#32
Benzoic acid
Concen: 46.983 ng
RT: 10.30 min Scan# 1228
Delta R.T. 0.04 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	164669		
105	124.5		101.8	141.8
77	96.5		76.3	116.3





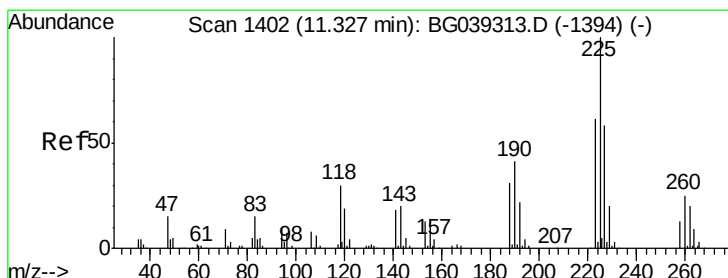
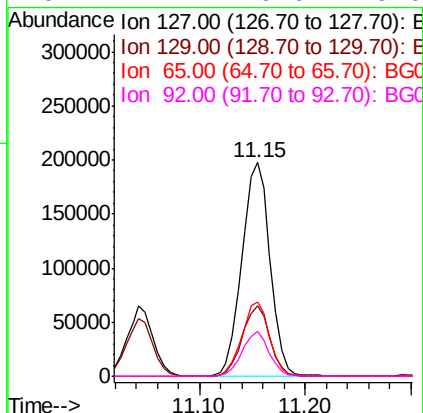
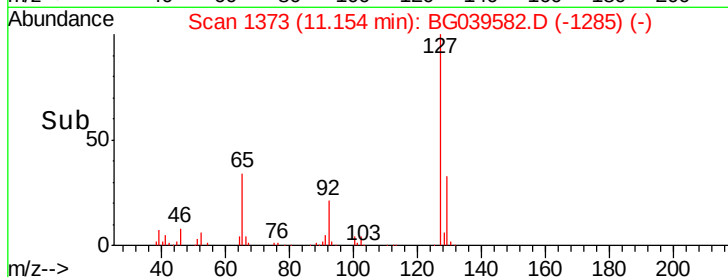
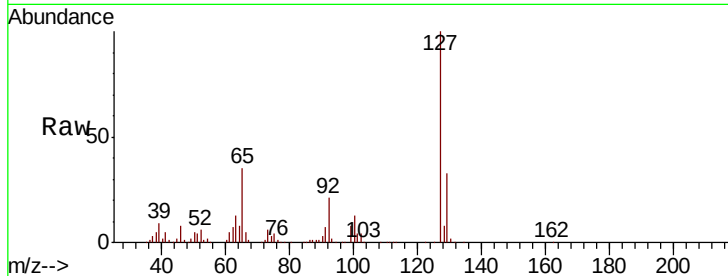
#33
4-Chloroaniline
Concen: 42.363 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Instrument :
BNA_G
ClientSampleId :
PB117266BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	27.0	40.4		
65	34.7	28.8	43.2		
92	21.2	16.6	25.0		

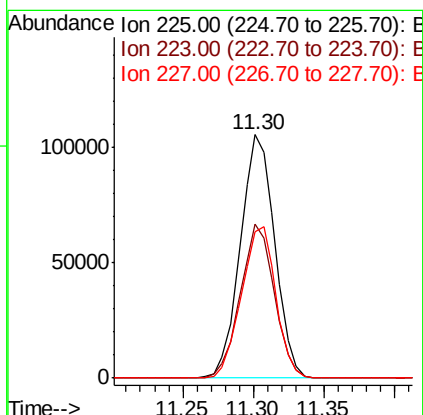
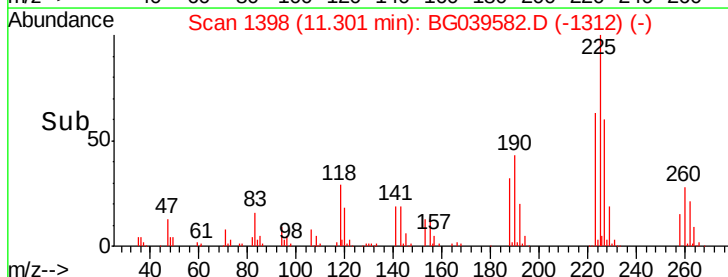
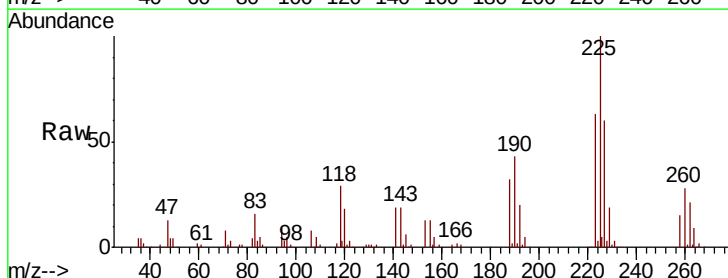
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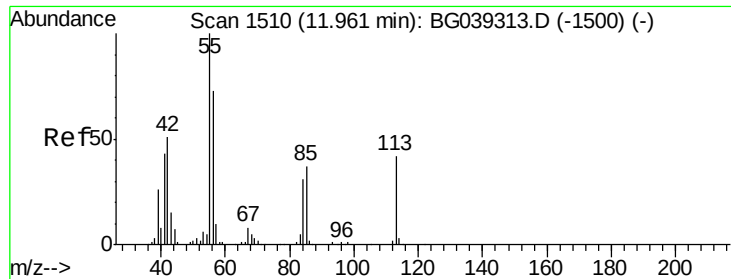
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#34
Hexachlorobutadiene
Concen: 40.869 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	49.0	73.6		
227	60.2	46.3	69.5		





#35

Caprolactam

Concen: 39.408 ng/ml

RT: 11.95 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA_G

ClientSampleID :

PB117266BS

Tot Ion:113 Resp: 95875

Ion Ratio Lower Upper

113 100

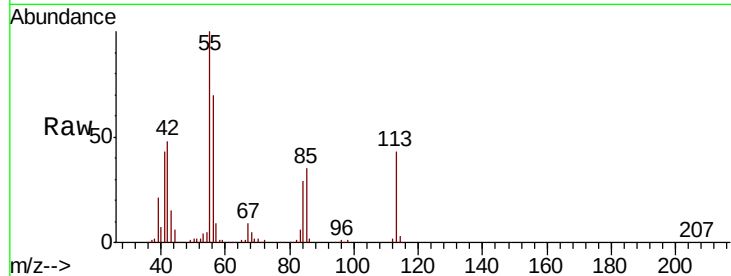
55 233.6 216.9 256.9

56 163.4 152.6 192.6

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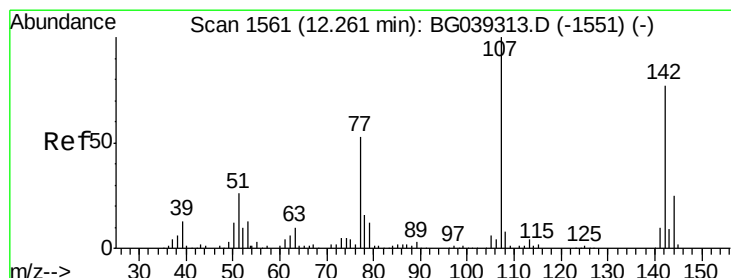
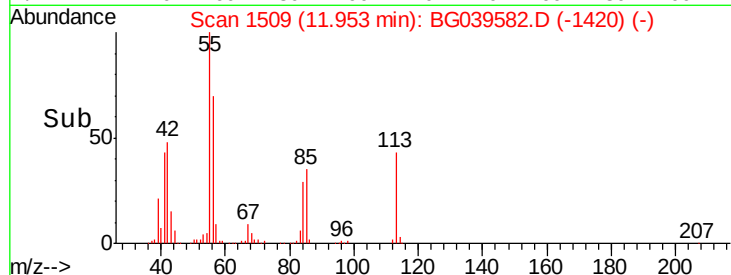
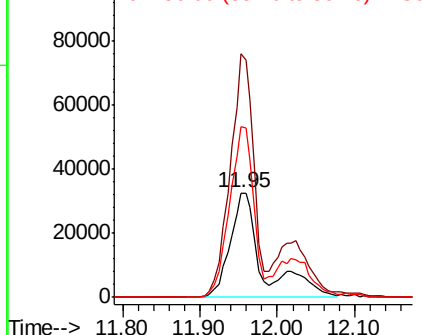


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.447 ng/ml

RT: 12.26 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

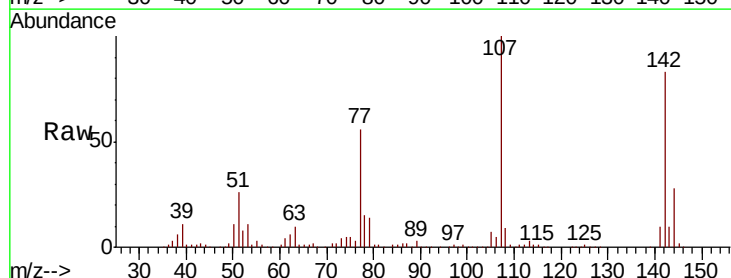
Tgt Ion:107 Resp: 295410

Ion Ratio Lower Upper

107 100

144 28.1 20.2 30.2

142 83.4 61.4 92.2

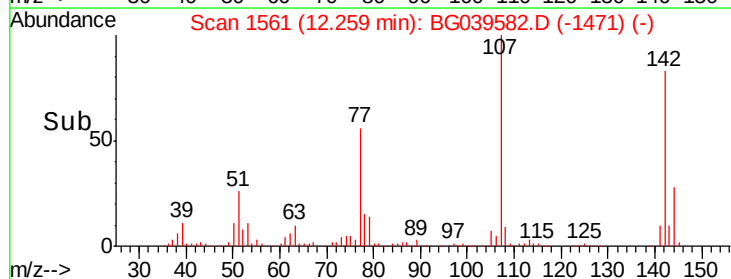
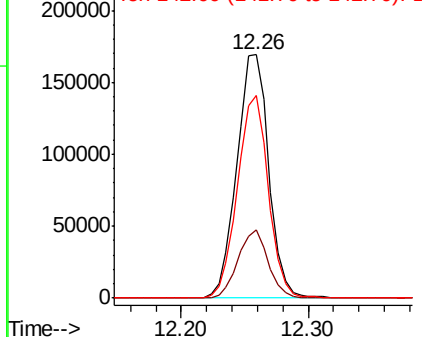


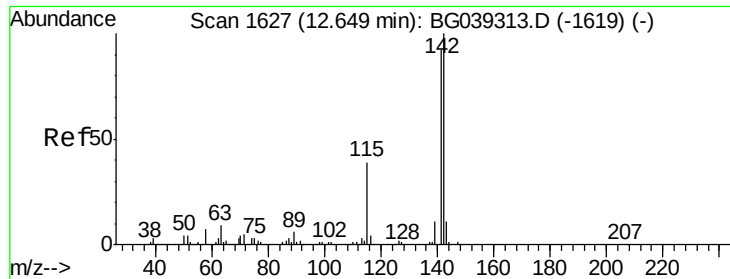
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





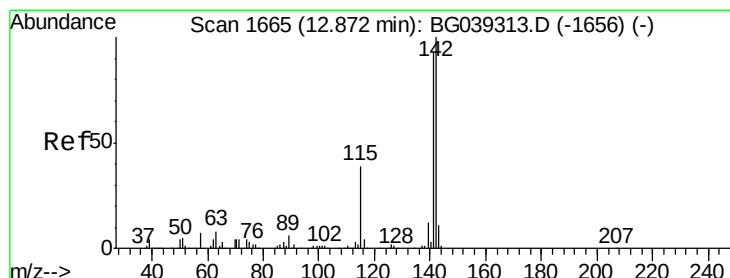
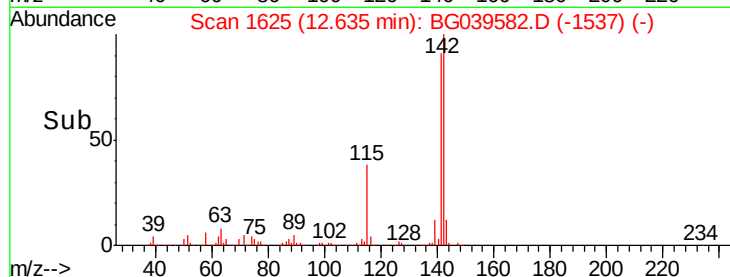
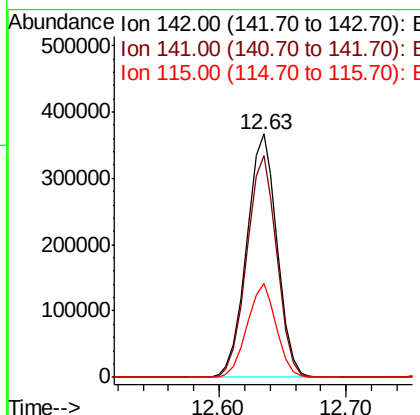
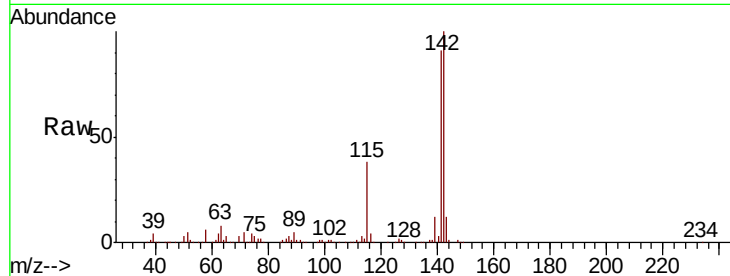
#37
2-Methylnaphthalene
Concen: 44.310 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Instrument :
BNA_G
ClientSampleId :
PB117266BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.5	110.3
115	38.5	30.8	46.2

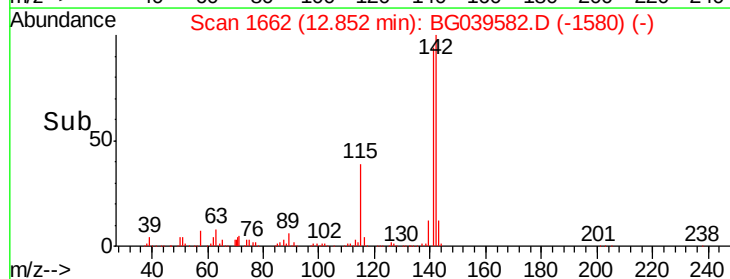
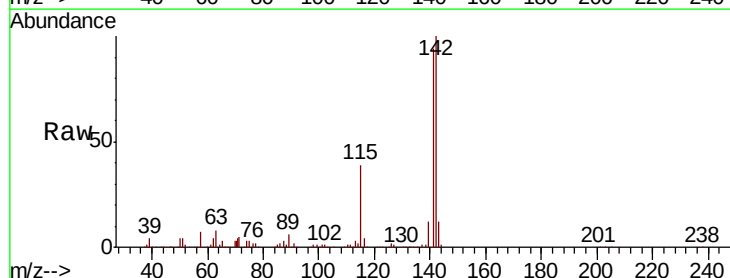
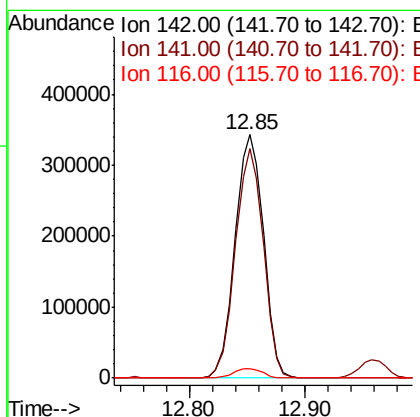
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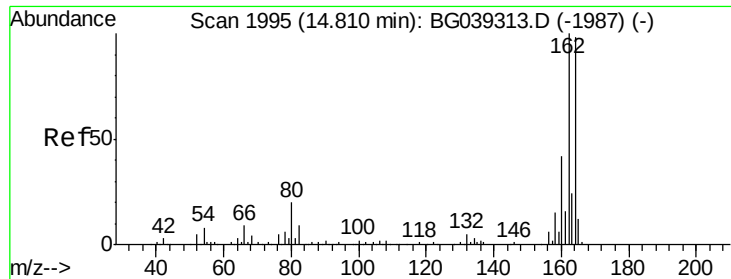
Sohil
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#38
1-Methylnaphthalene
Concen: 44.035 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.2	111.4
116	3.8	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA_G

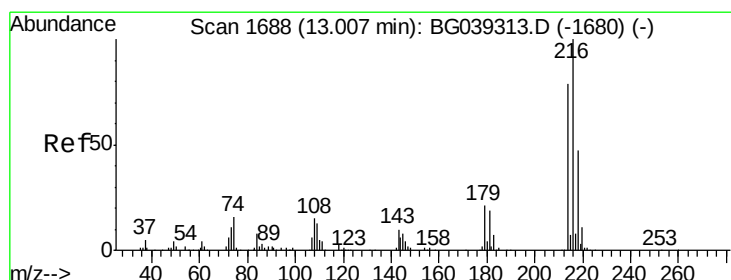
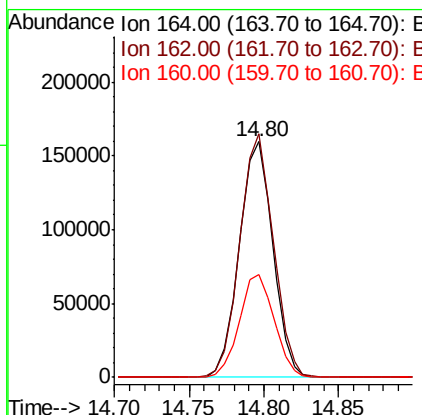
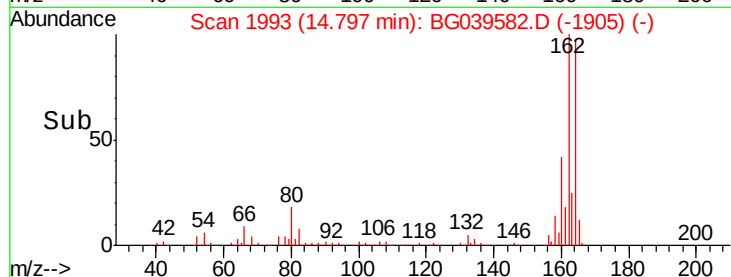
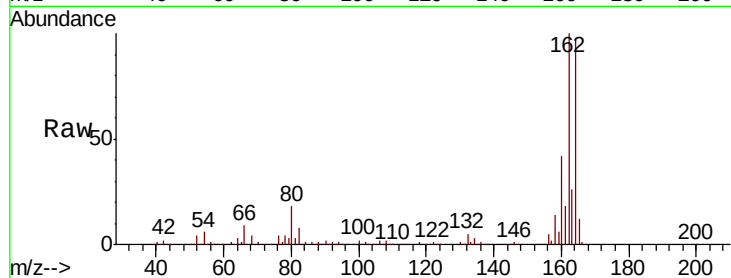
ClientSampleId :

PB117266BS

Tot Ion:	164	Resp:	248316
Ion Ratio	Lower	Upper	
164	100		
162	103.4	81.6	122.4
160	43.7	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.524 ng

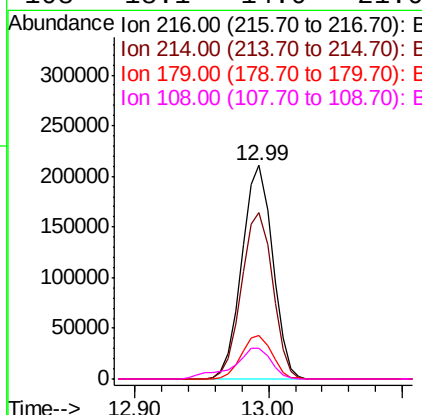
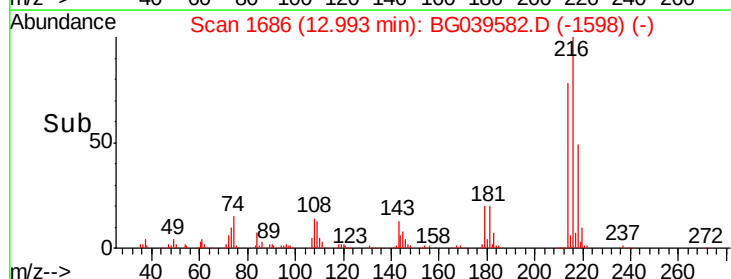
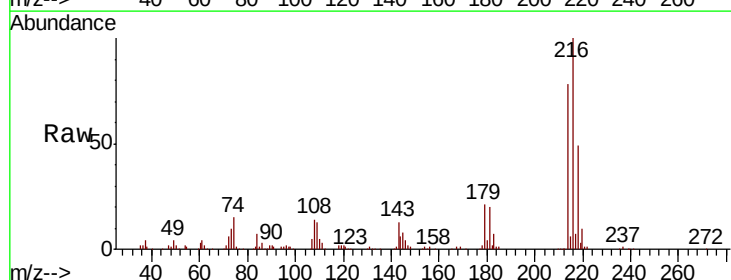
RT: 12.99 min Scan# 1686

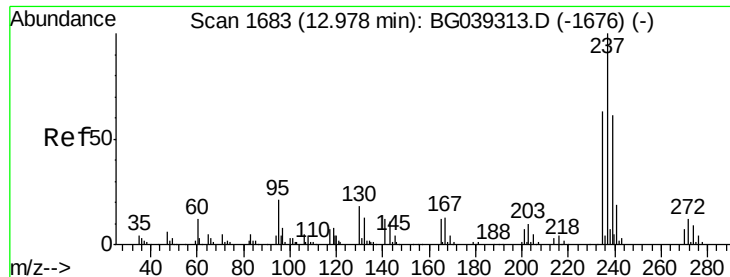
Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Tgt Ion:	216	Resp:	335967
Ion Ratio	Lower	Upper	
216	100		
214	79.0	62.6	94.0
179	20.5	16.6	25.0
108	18.1	14.0	21.0





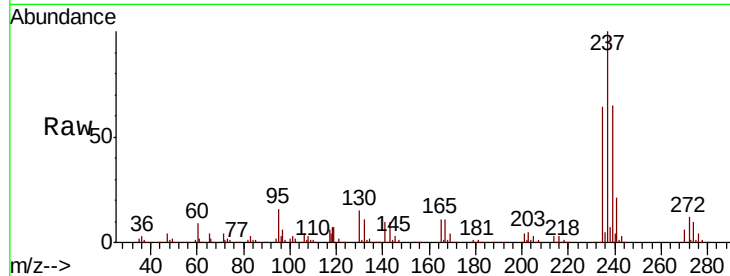
#41
Hexachlorocyclopentadiene
Concen: 87.492 ng
RT: 12.96 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Instrument :
BNA_G
ClientSampleId :
PB117266BS

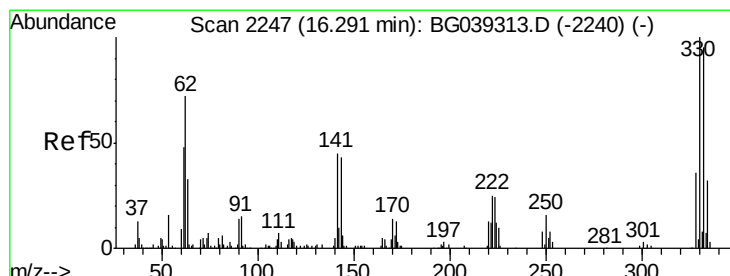
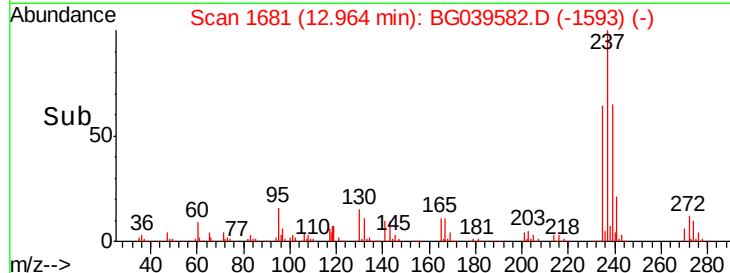
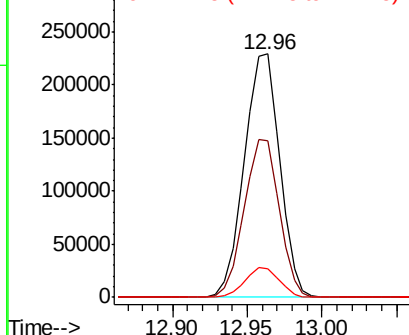
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.1	43.3	83.3
272	11.9	0.0	32.3

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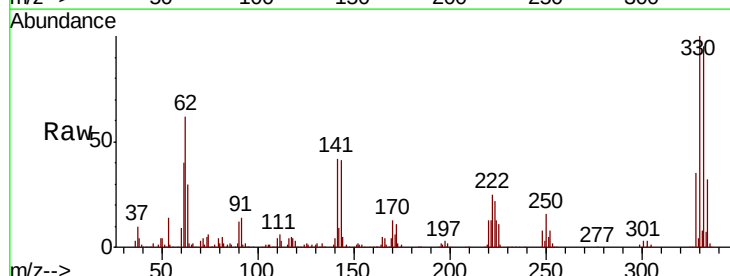


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

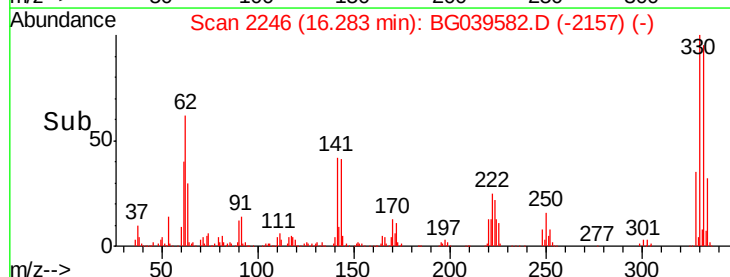
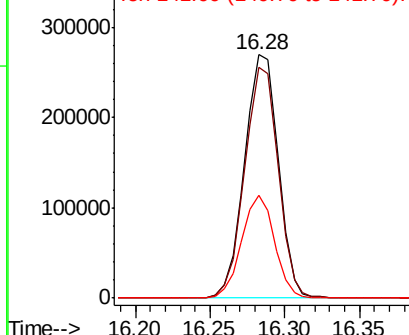


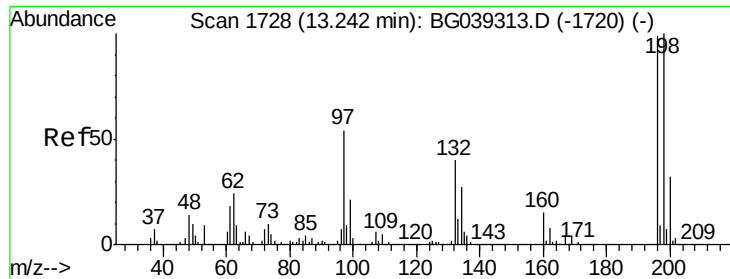
#42
2,4,6-Tribromophenol
Concen: 157.653 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.8	75.7	113.5
141	41.1	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





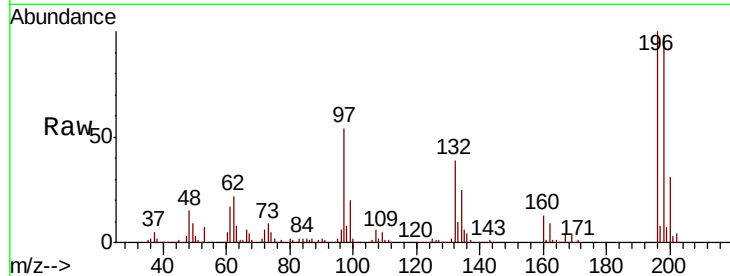
#43
 2,4,6-Trichlorophenol
 Concen: 46.685 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039582.D
 Acq: 21 Feb 2019 22:05

Instrument :
 BNA_G
 ClientSampleId :
 PB117266BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	226783		
198	97.7	80.6	121.0	
200	31.1	26.1	39.1	

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 2/22/2019 9:23:02 AM

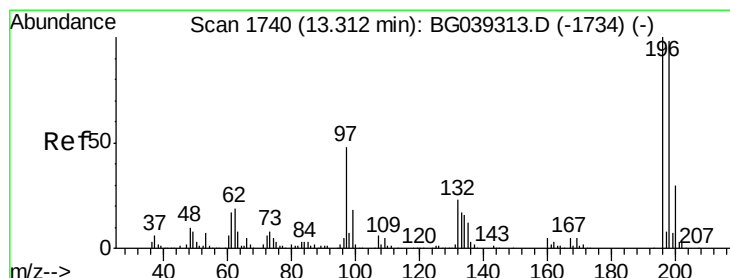
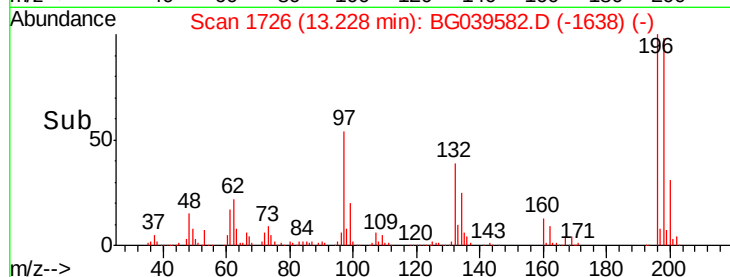
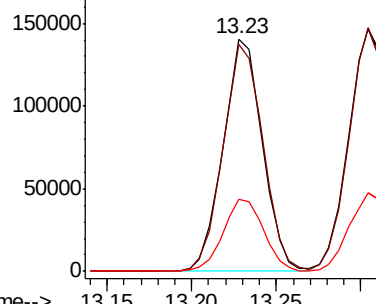


Abundance

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: 48.239 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039582.D
 Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245602		
198	100.4	78.5	117.7	
97	50.1	38.4	57.6	
132	27.4	19.2	28.8	

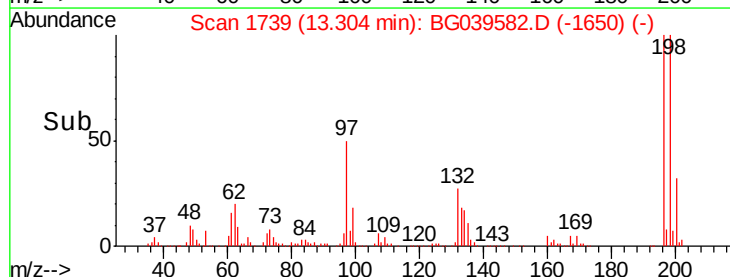
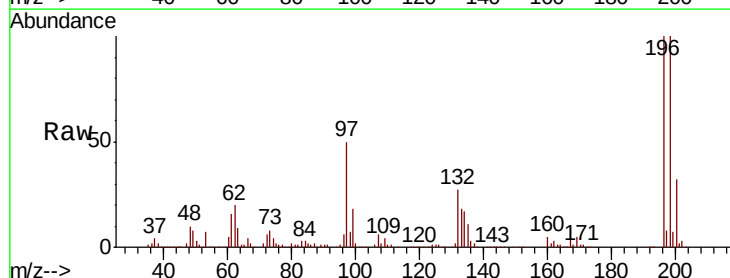
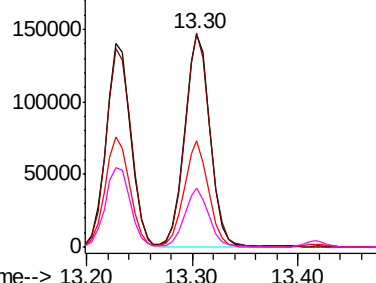
Abundance

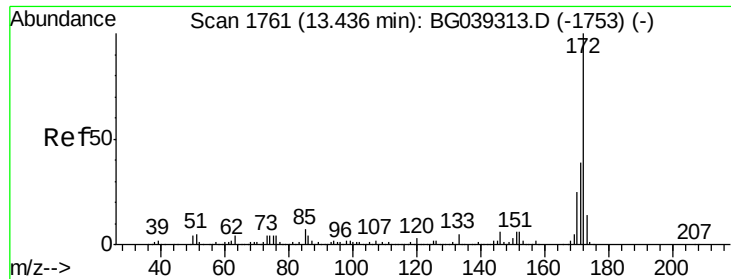
Ion 196.00 (195.70 to 196.70): E

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





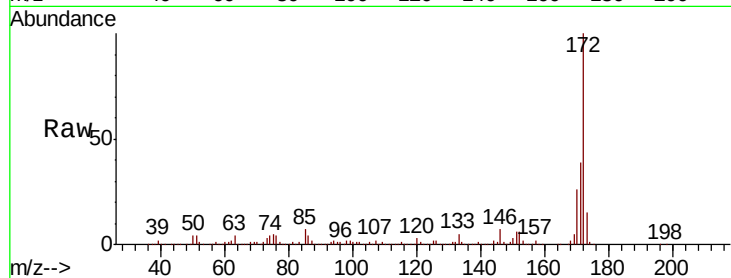
#45
2-Fluorobiphenyl
Concen: 67.264 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Instrument :
BNA_G
ClientSampleId :
PB117266BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.8	46.2
170	25.9	20.2	30.4

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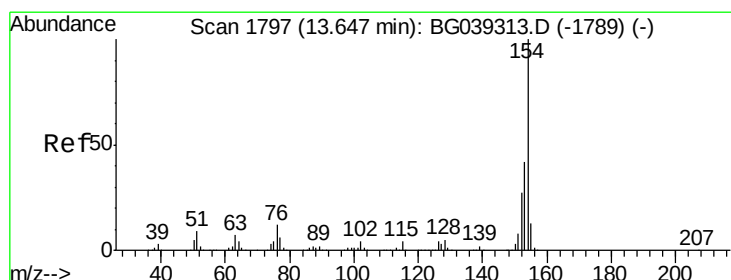
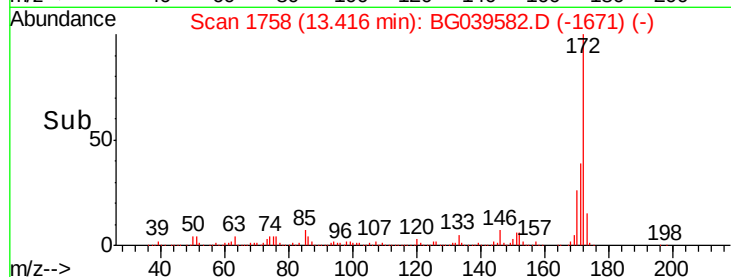
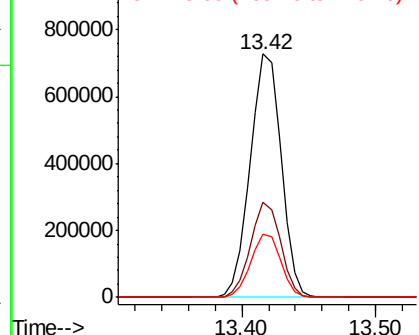


Abundance

Ion 172.00 (171.70 to 172.70): E

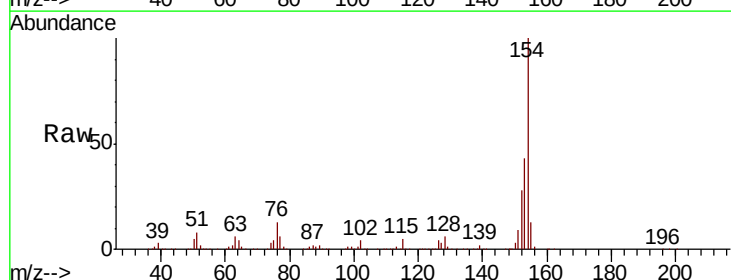
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.918 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	12.6	0.0	32.4

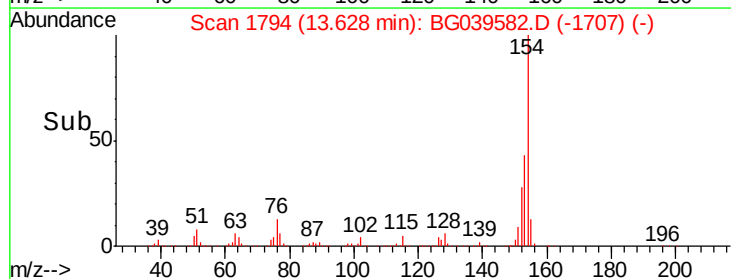
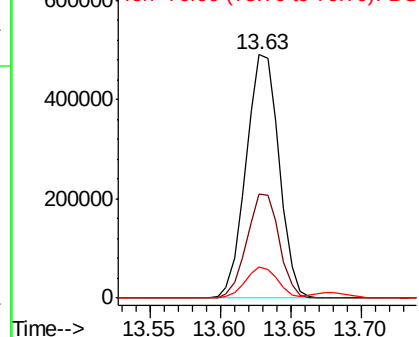


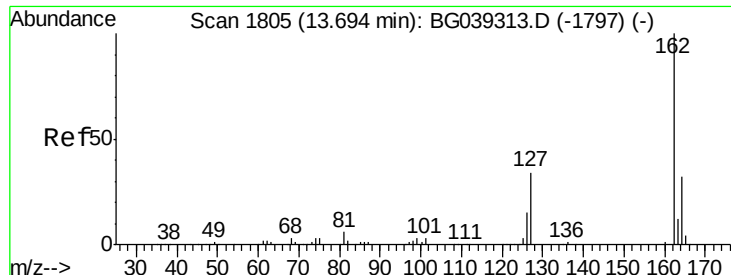
Abundance

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





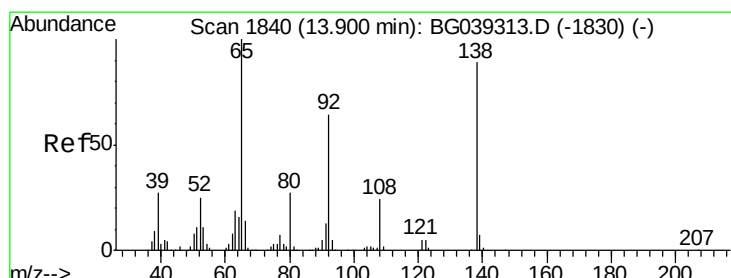
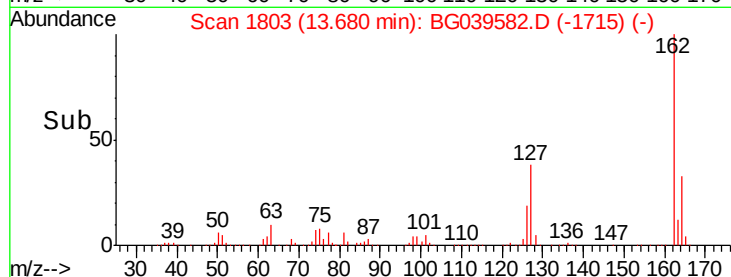
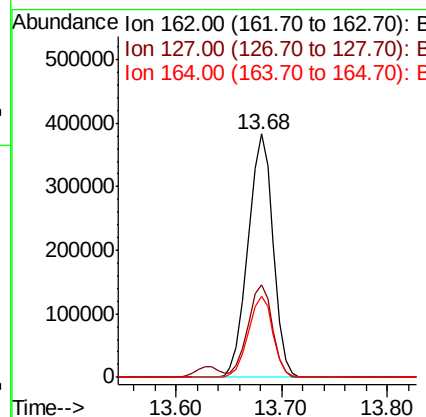
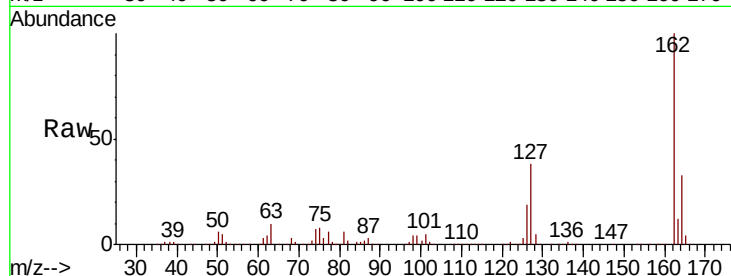
#47
2-Chloronaphthalene
Concen: 40.525 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Instrument :
BNA_G
ClientSampleId :
PB117266BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	31.0	46.6
164	33.4	25.7	38.5

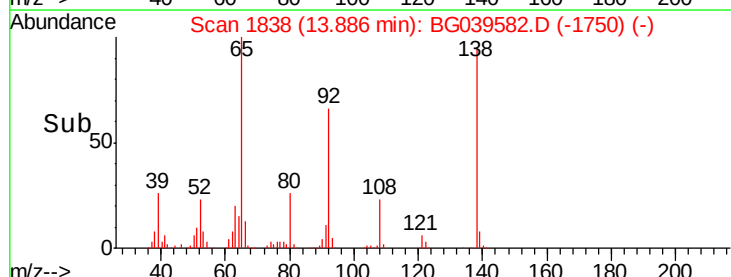
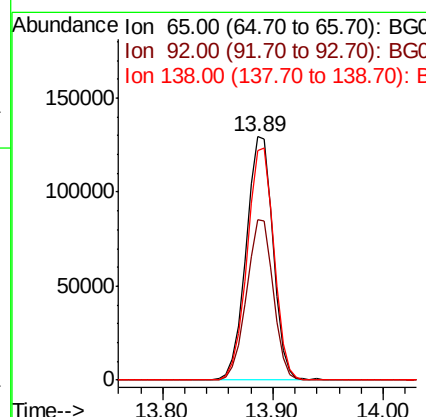
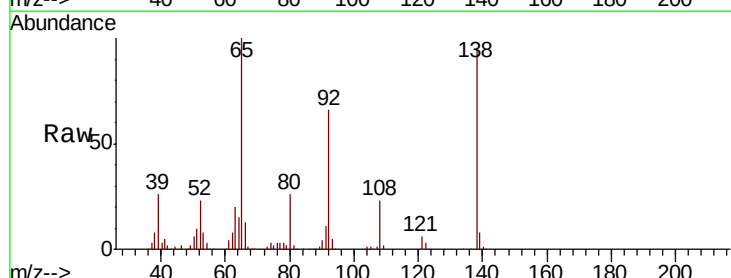
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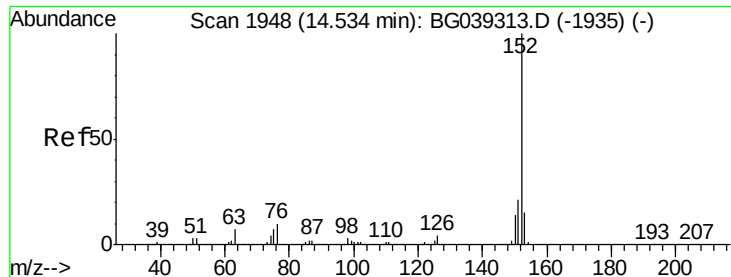
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#48
2-Nitroaniline
Concen: 49.432 ng
RT: 13.89 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.8	51.4	77.2
138	94.5	71.4	107.2





#49

Acenaphthylene

Concen: 41.625 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA_G

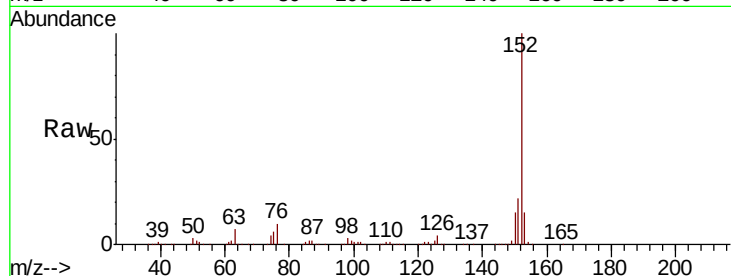
ClientSampleId :

PB117266BS

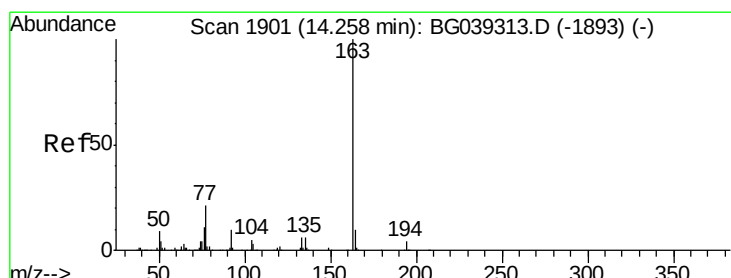
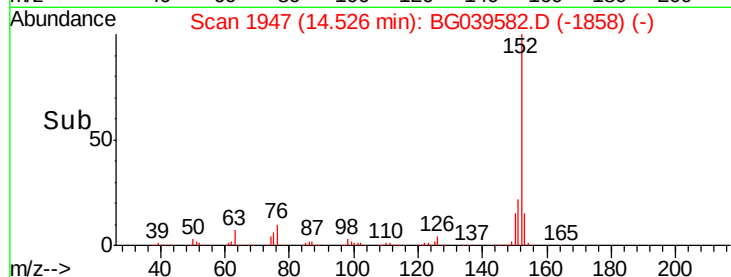
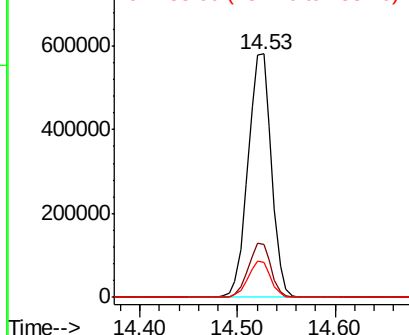
Tot Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.8	25.2
153	14.5	11.7	17.5

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



#50

Dimethylphthalate

Concen: 40.274 ng

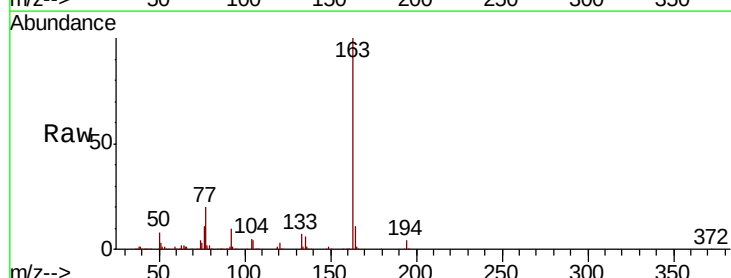
RT: 14.24 min Scan# 1899

Delta R.T. -0.01 min

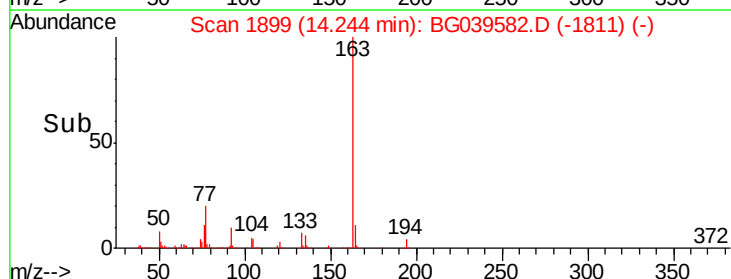
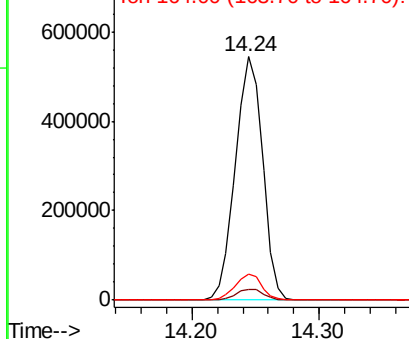
Lab File: BG039582.D

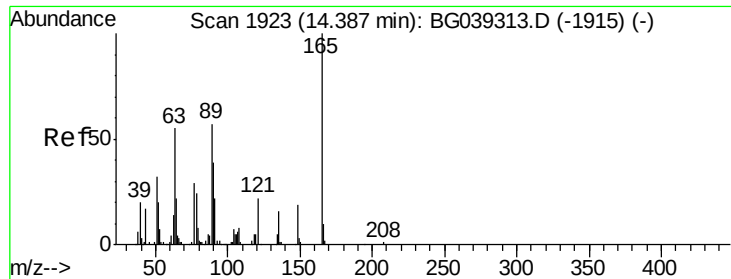
Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.7	8.4	12.6



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





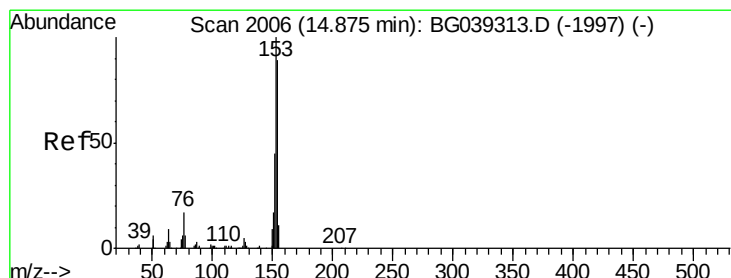
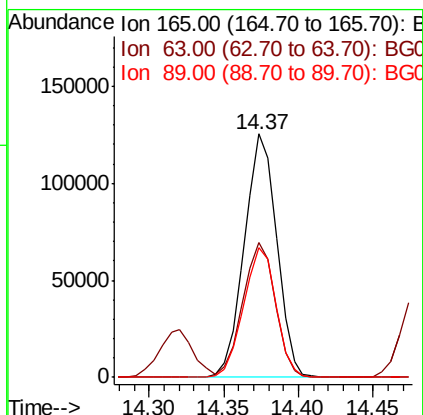
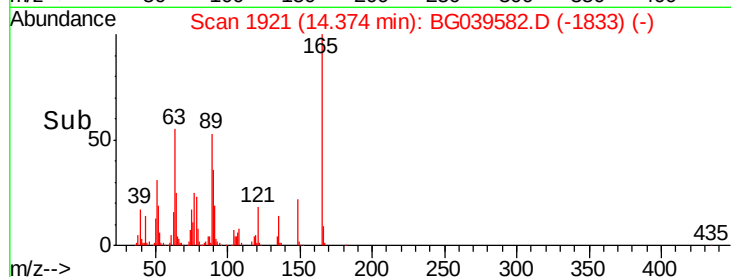
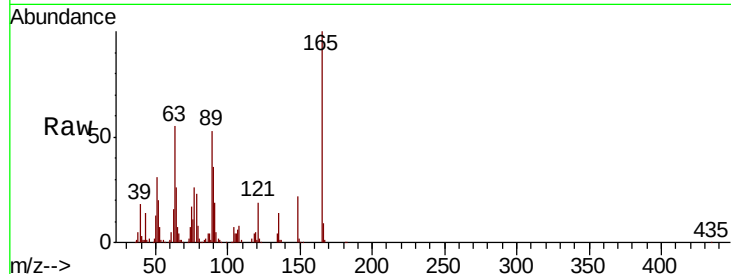
#51
 2,6-Dinitrotoluene
 Concen: 49.867 ng
 RT: 14.37 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG039582.D
 Acq: 21 Feb 2019 22:05

Instrument :
 BNA_G
 ClientSampleId :
 PB117266BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	188017		
63	55.4	47.0	70.6	
89	53.2	45.8	68.8	

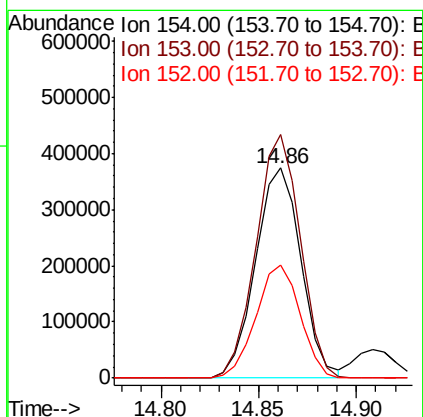
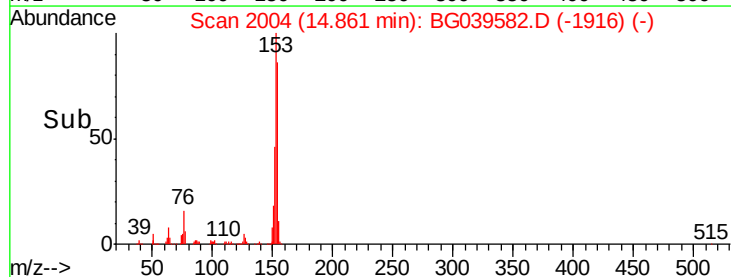
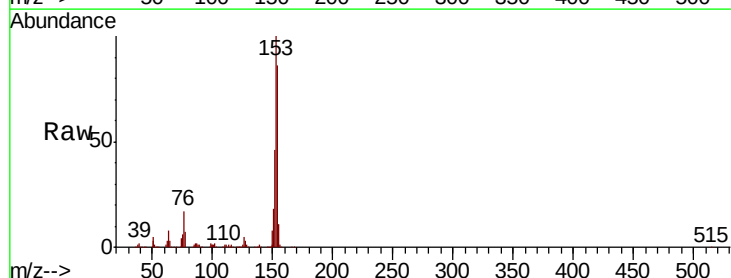
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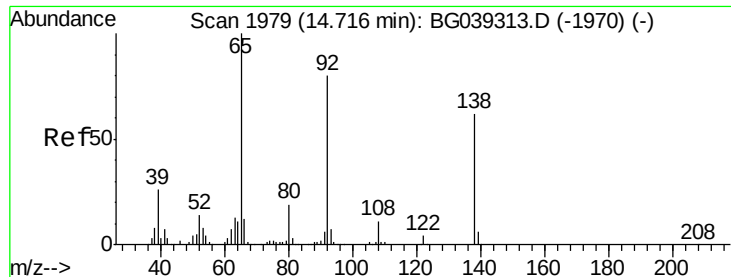
Sohil
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#52
 Acenaphthene
 Concen: 39.542 ng
 RT: 14.86 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG039582.D
 Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	601958		
153	115.8	90.1	135.1	
152	53.5	40.9	61.3	





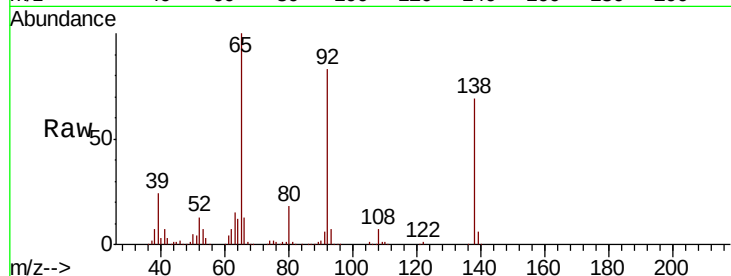
#53
3-Nitroaniline
Concen: 46.913 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Instrument :
BNA_G
ClientSampleId :
PB117266BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	13.8	20.8#
92	121.2	103.7	155.5

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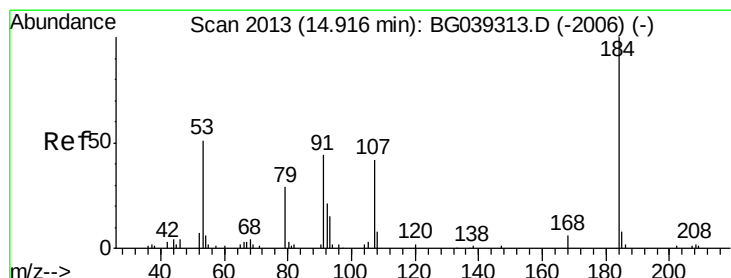
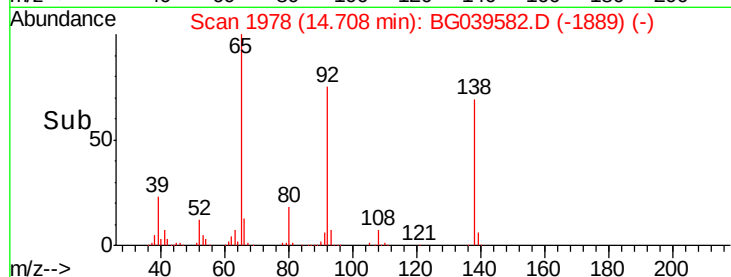
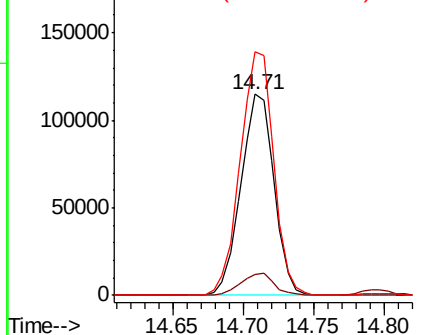


Abundance

Ion 138.00 (137.70 to 138.70): E

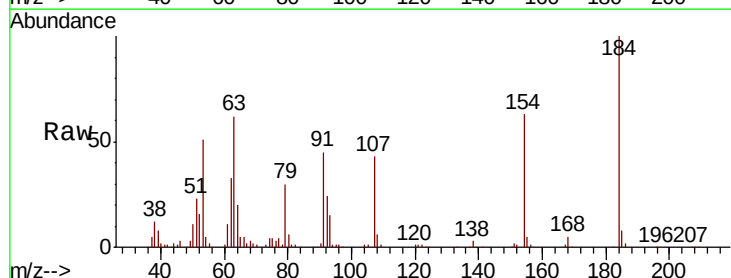
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 78.691 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.8	50.9	76.3
154	62.7	53.0	79.6

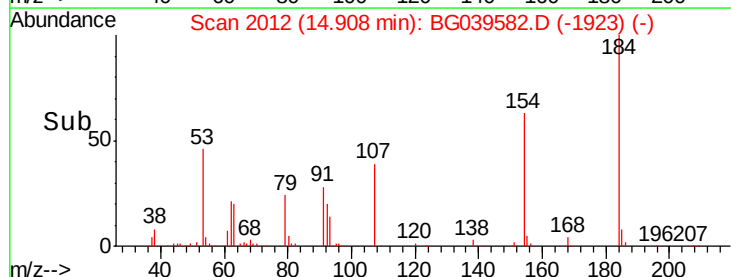
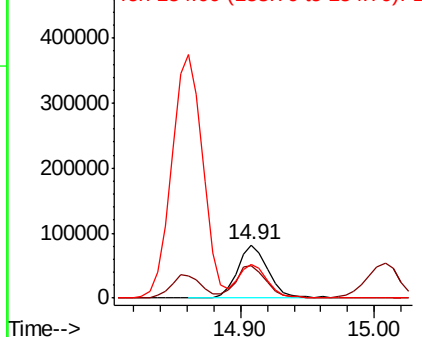


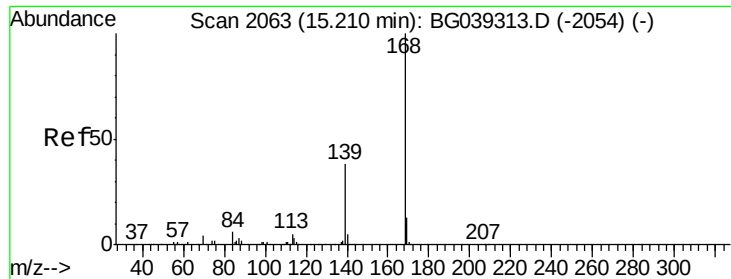
Abundance

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





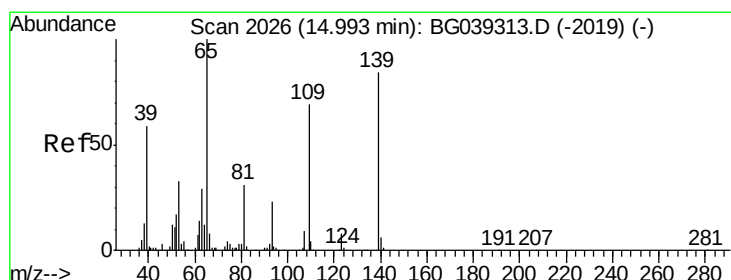
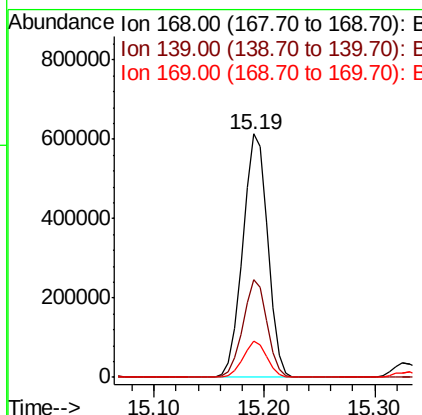
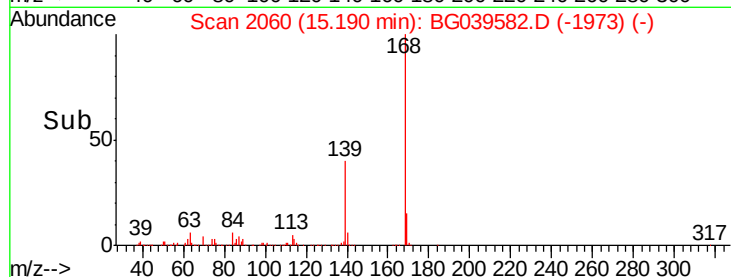
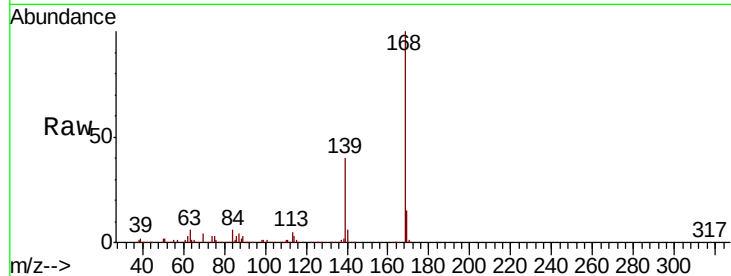
#55
Dibenzofuran
Concen: 39.880 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Instrument :
BNA_G
ClientSampleId :
PB117266BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	30.1	45.1
169	15.1	10.6	16.0

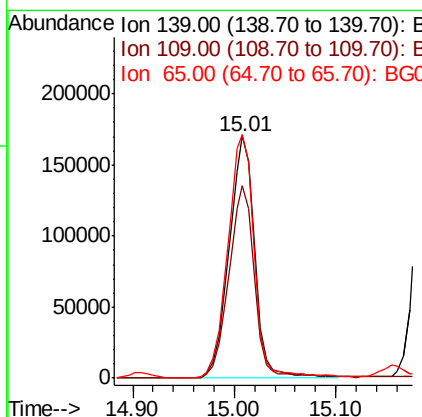
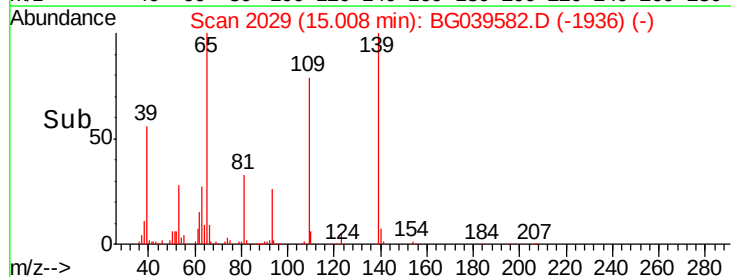
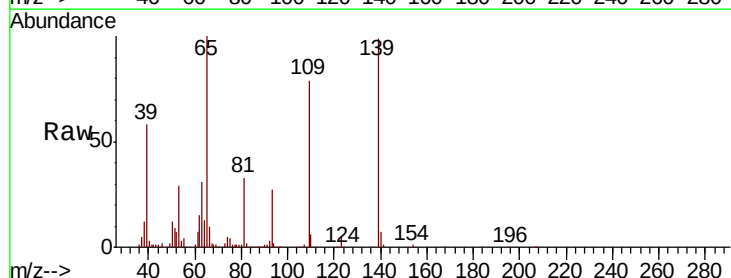
Manual Integrations
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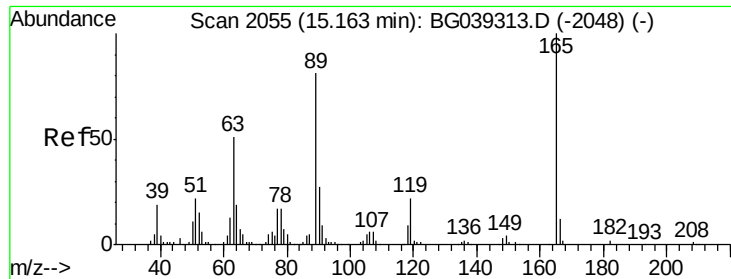
Sohil
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#56
4-Nitrophenol
Concen: 81.876 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.02 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.3	61.9	101.9
65	100.6	99.1	139.1





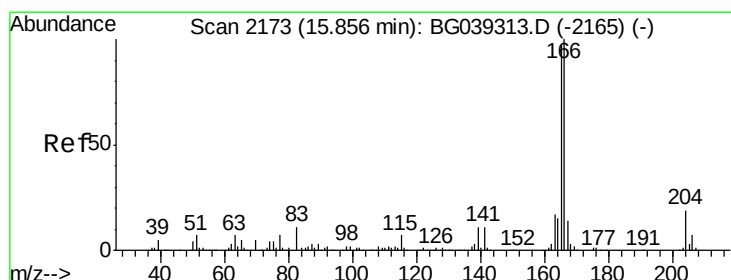
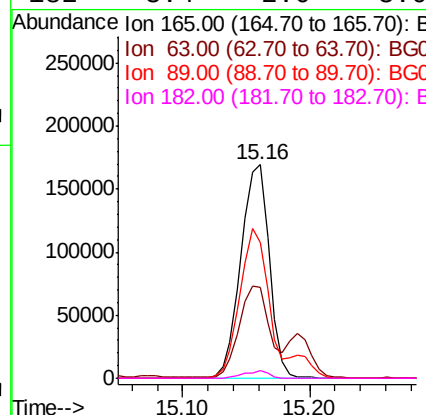
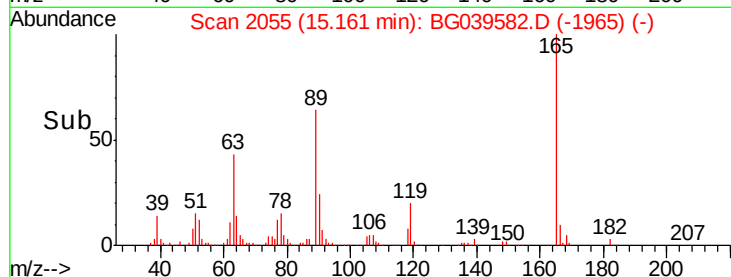
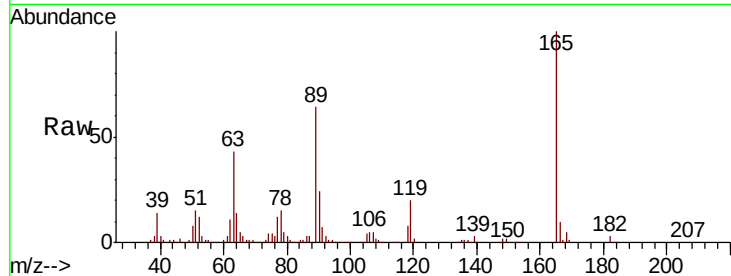
#57
 2,4-Dinitrotoluene
 Concen: 53.791 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: BG039582.D
 Acq: 21 Feb 2019 22:05

Instrument :
 BNA_G
 ClientSampled :
 PB117266BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	42.5	41.0	61.6
89	63.8	64.6	96.8#
182	3.4	2.0	3.0#

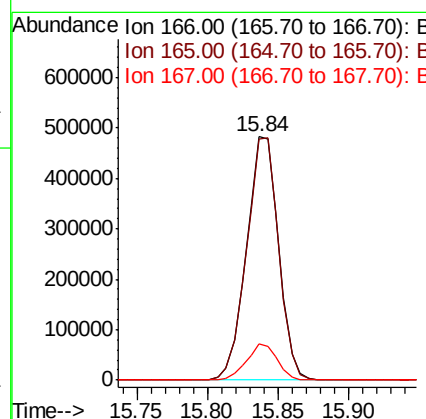
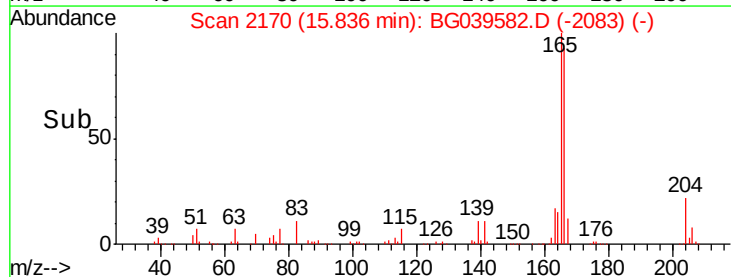
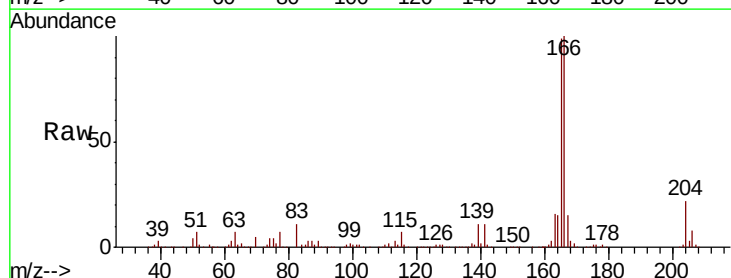
Manual Integrations
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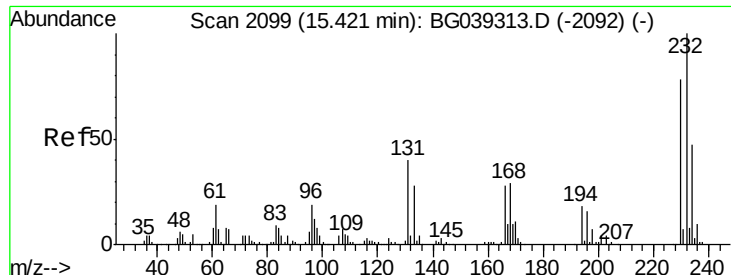
Sohil
 2/22/2019 9:23:02 AM



#58
 Fluorene
 Concen: 42.153 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG039582.D
 Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.9	77.9	116.9
167	14.7	10.8	16.2





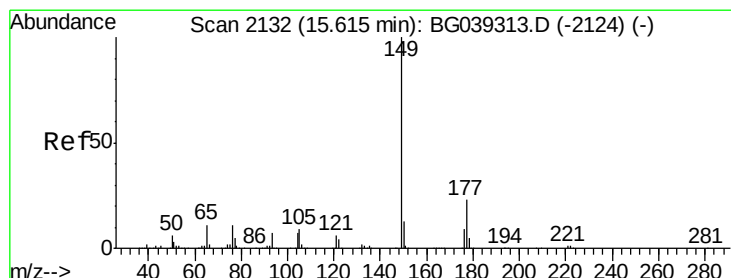
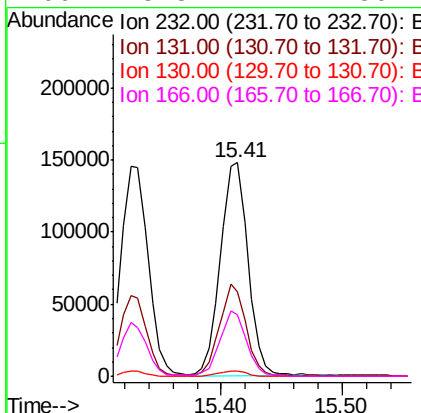
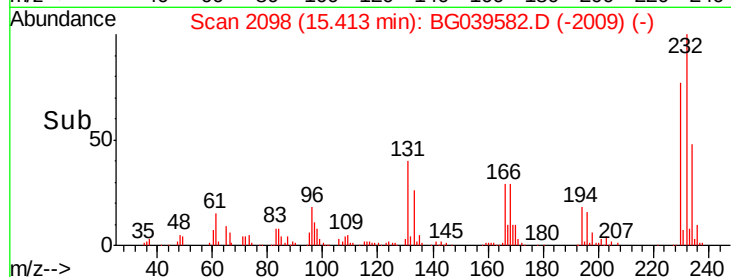
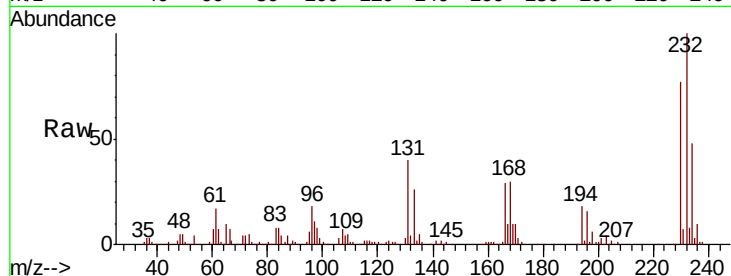
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.350 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039582.D
 Acq: 21 Feb 2019 22:05

Instrument :
 BNA_G
 ClientSampleId :
 PB117266BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.5	34.9	52.3
130	2.6	2.0	3.0
166	28.8	24.1	36.1

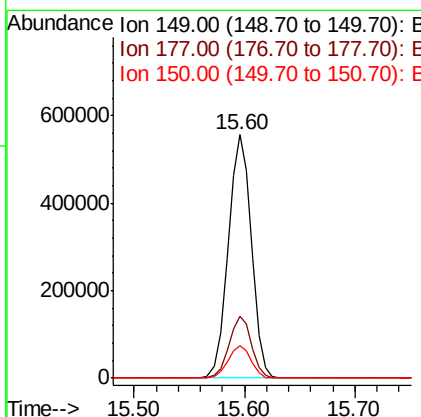
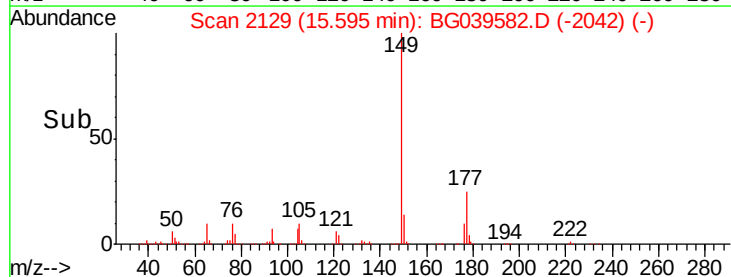
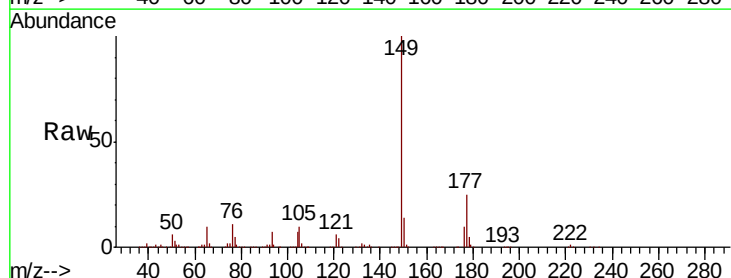
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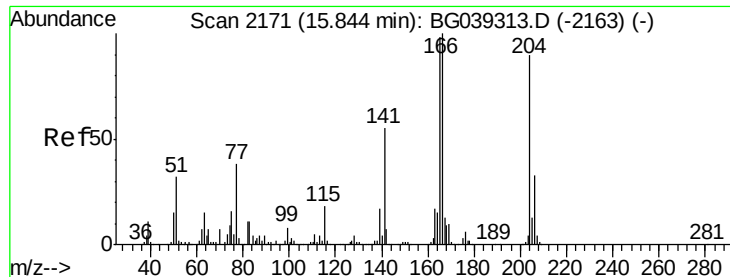
Sohil
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#60
 Diethylphthalate
 Concen: 39.142 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039582.D
 Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.2	18.3	27.5
150	13.5	10.2	15.2





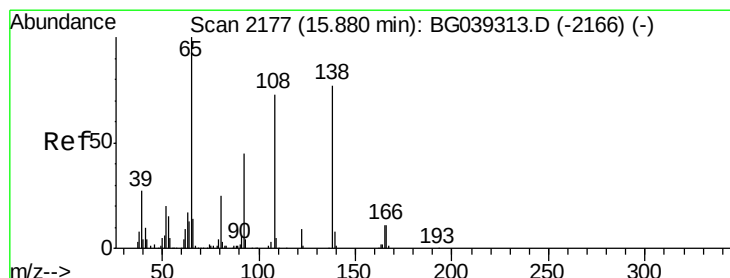
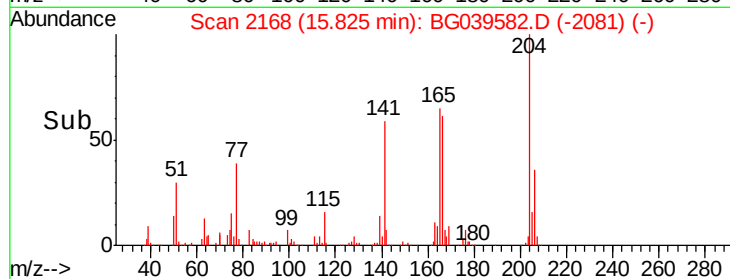
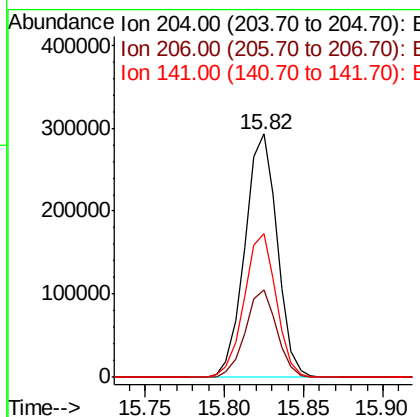
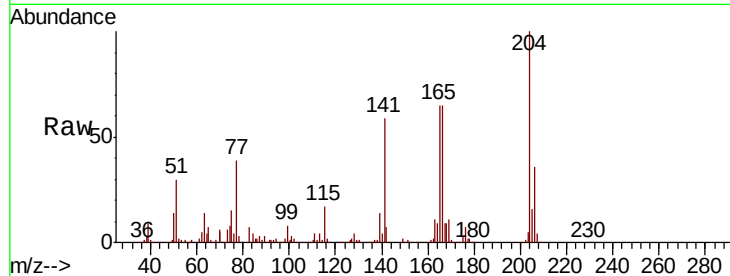
#61
 4-Chlorophenyl-phenylether
 Concen: 40.156 ng
 RT: 15.82 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BG039582.D
 Acq: 21 Feb 2019 22:05

Instrument :
 BNA_G
 ClientSampleId :
 PB117266BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.8	29.2	43.8
141	59.0	49.0	73.4

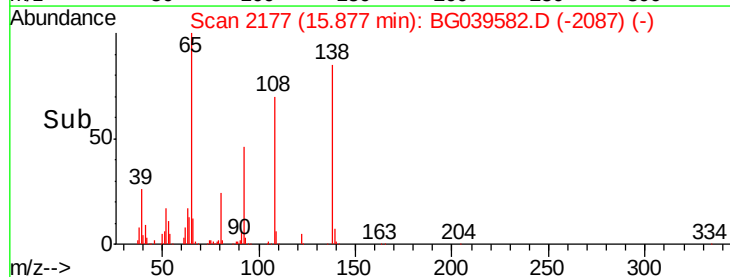
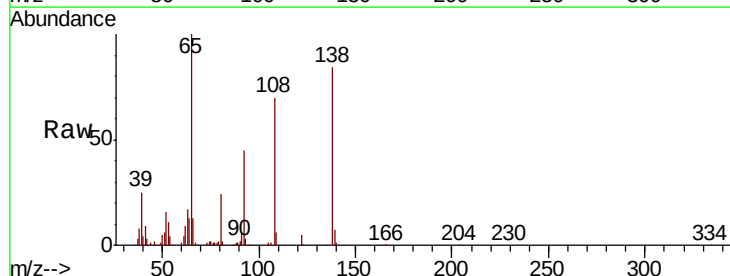
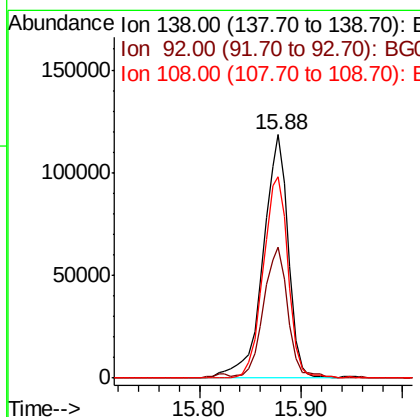
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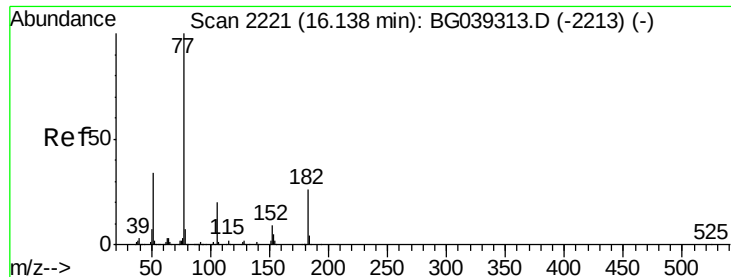
Sohil
 2/22/2019 9:23:02 AM



#62
 4-Nitroaniline
 Concen: 49.031 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BG039582.D
 Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.8	38.7	78.7
108	82.6	74.6	114.6





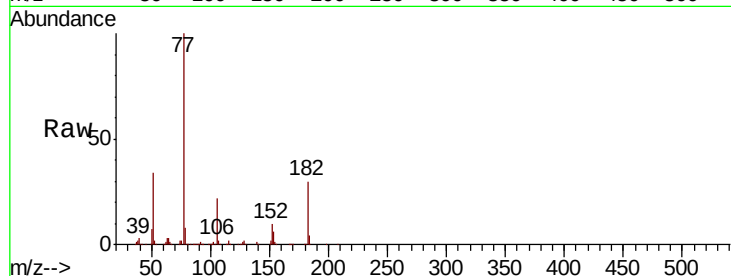
#63
Azobenzene
Concen: 36.303 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Instrument :
BNA_G
ClientSampleId :
PB117266BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.0	6.4	46.4	
105	21.9	0.0	39.8	
51	33.7	14.1	54.1	

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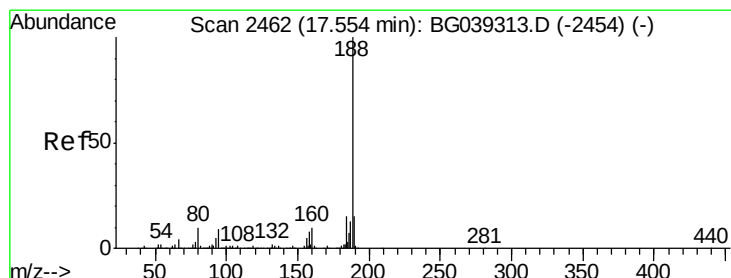
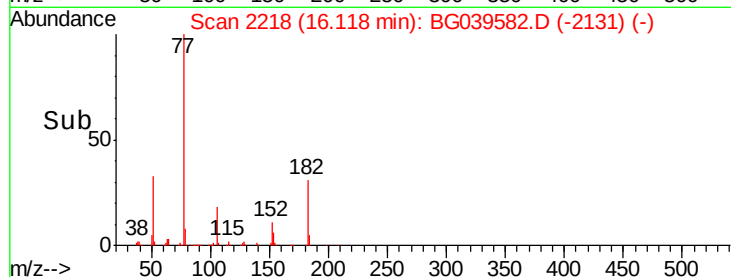
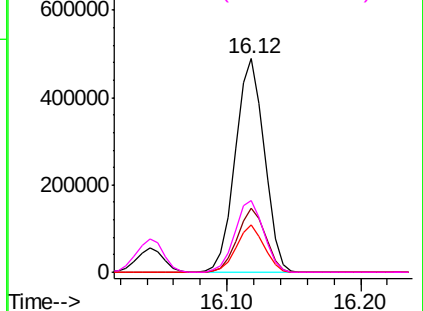


Abundance Ion 77.00 (76.70 to 77.70): BG039313.D (-2213) (-)

Ion 182.00 (181.70 to 182.70): BG039313.D (-2213) (-)

Ion 105.00 (104.70 to 105.70): BG039313.D (-2213) (-)

Ion 51.00 (50.70 to 51.70): BG039313.D (-2213) (-)



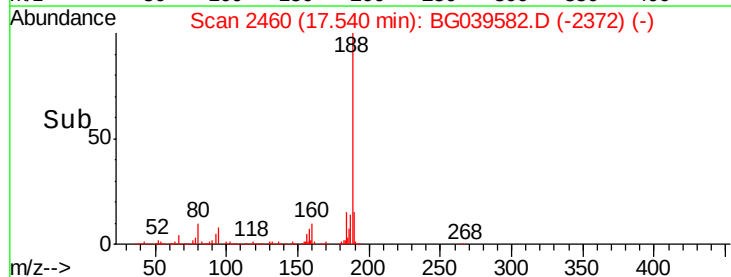
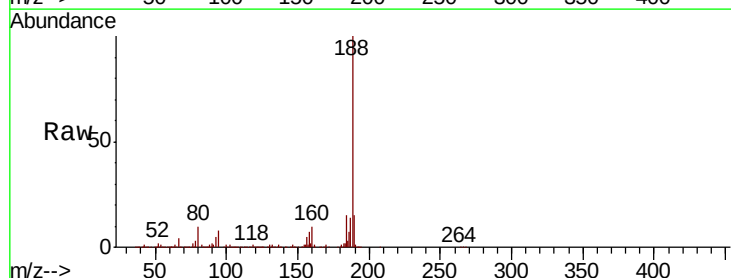
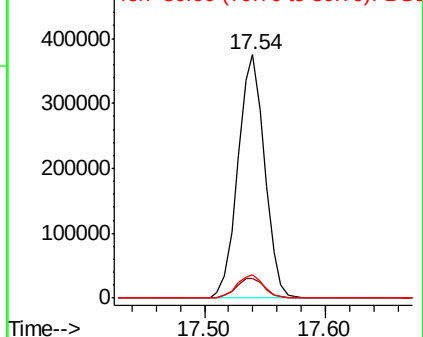
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

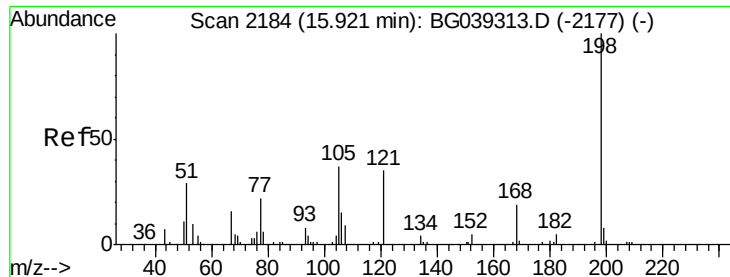
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.0	6.9	10.3	
80	9.7	8.1	12.1	

Abundance Ion 188.00 (187.70 to 188.70): BG039313.D (-2454) (-)

Ion 94.00 (93.70 to 94.70): BG039313.D (-2454) (-)

Ion 80.00 (79.70 to 80.70): BG039313.D (-2454) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 52.316 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA_G

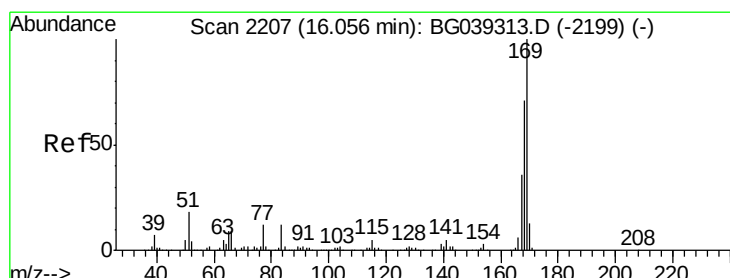
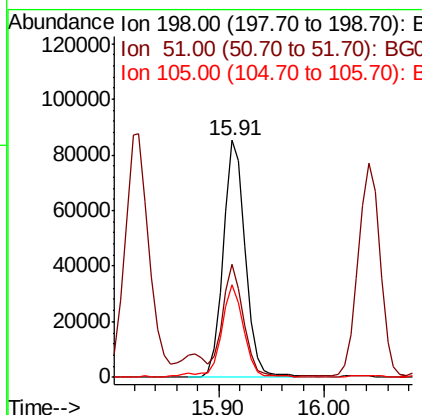
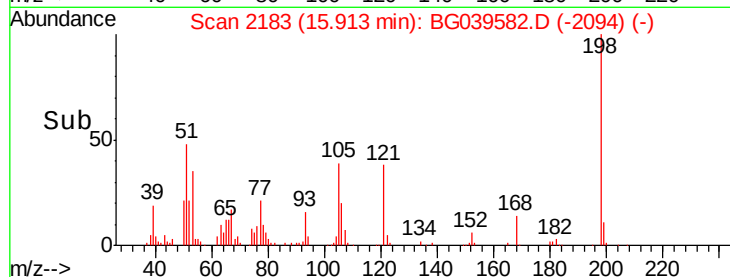
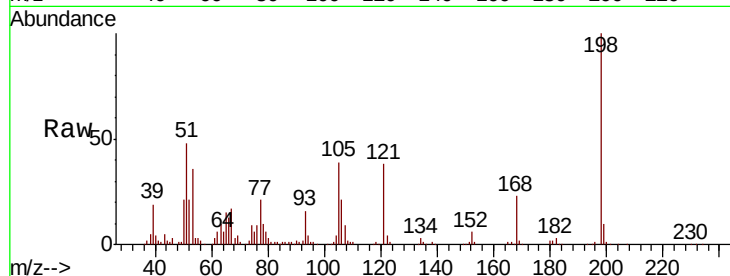
ClientSampled :

PB117266BS

Tot Ion:	198	Resp:	123665
Ion Ratio	Lower	Upper	
198	100		
51	47.5	27.4	67.4
105	38.9	19.7	59.7

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#66

n-Nitrosodiphenylamine

Concen: 39.880 ng

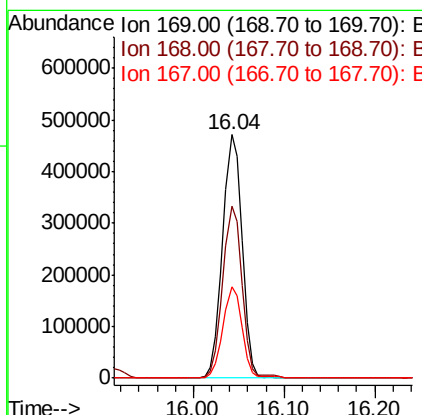
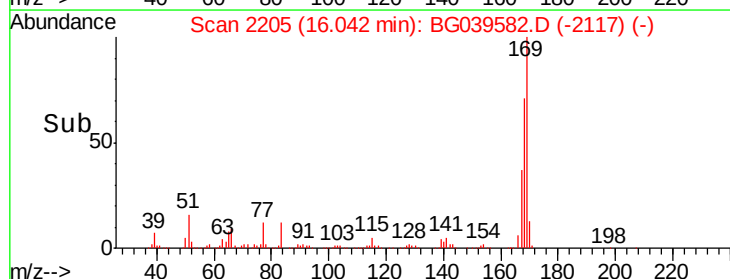
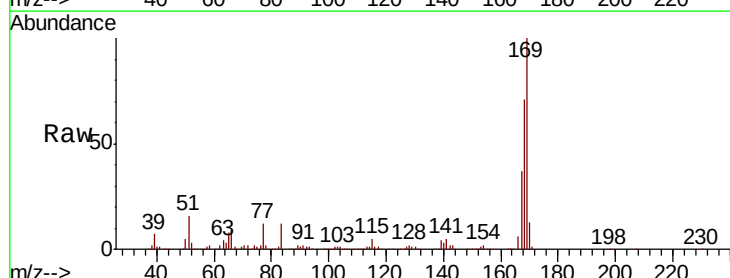
RT: 16.04 min Scan# 2205

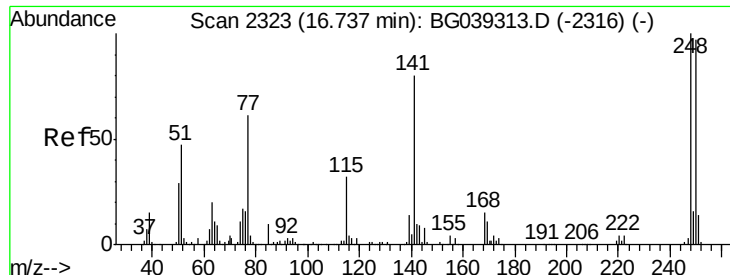
Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Tgt Ion:	169	Resp:	702052
Ion Ratio	Lower	Upper	
169	100		
168	70.6	56.6	85.0
167	37.3	28.8	43.2





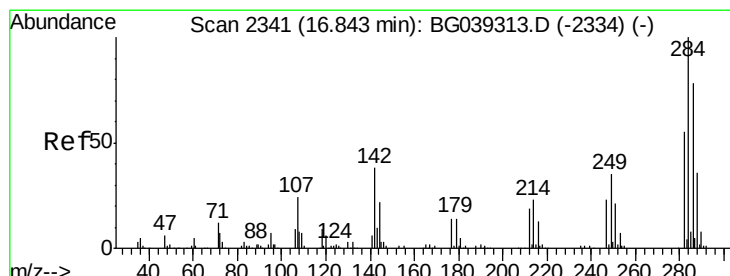
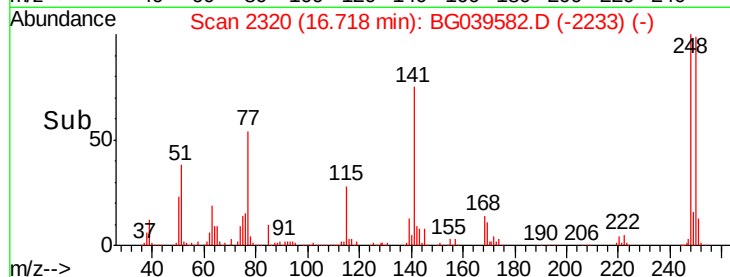
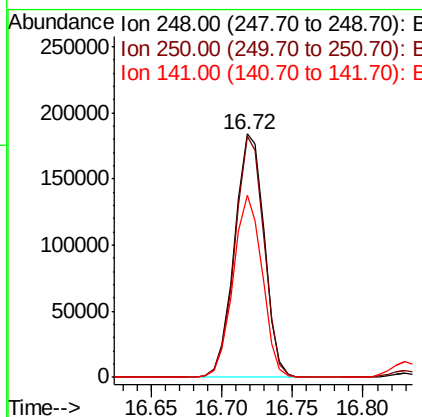
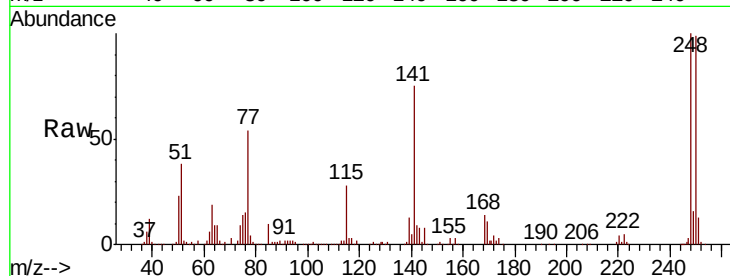
#67
 4-Bromophenyl-phenylether
 Concen: 42.047 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039582.D
 Acq: 21 Feb 2019 22:05

Instrument :
 BNA_G
 ClientSampled :
 PB117266BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.6	116.4
141	75.0	63.9	95.9

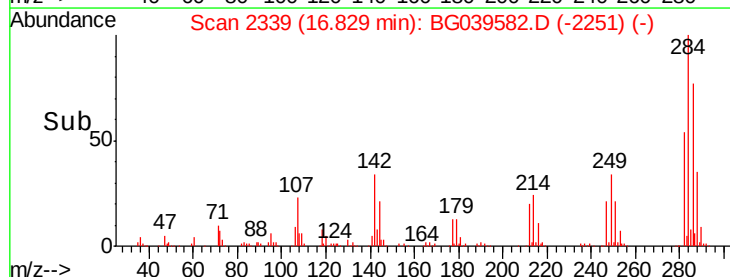
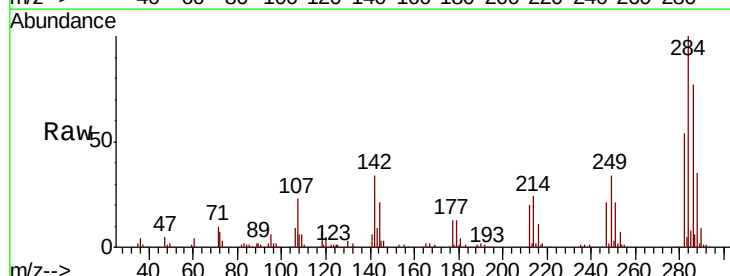
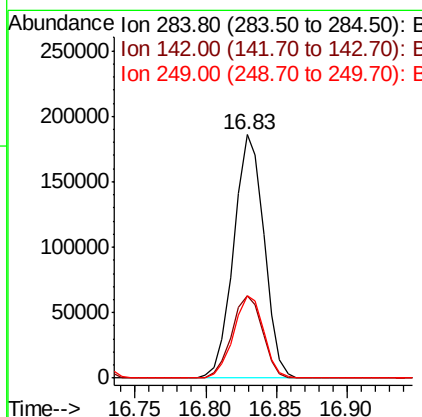
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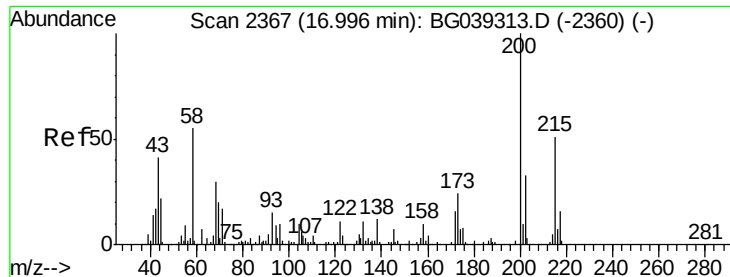
Sohil
 2/22/2019 9:23:02 AM



#68
 Hexachlorobenzene
 Concen: 43.177 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039582.D
 Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	30.6	45.8
249	33.9	28.2	42.2





#69

Atrazine

Concen: 26.560 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA_G

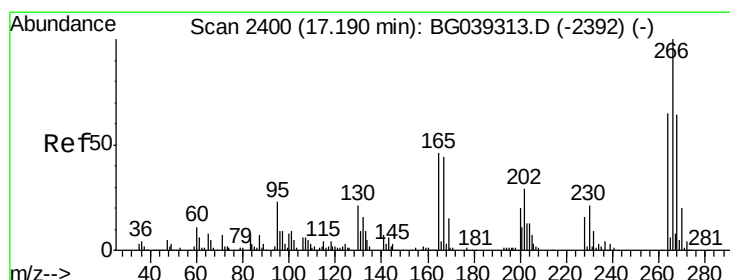
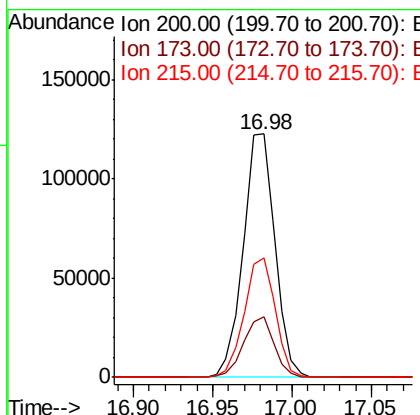
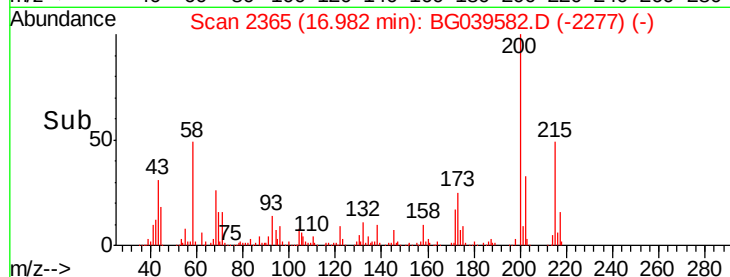
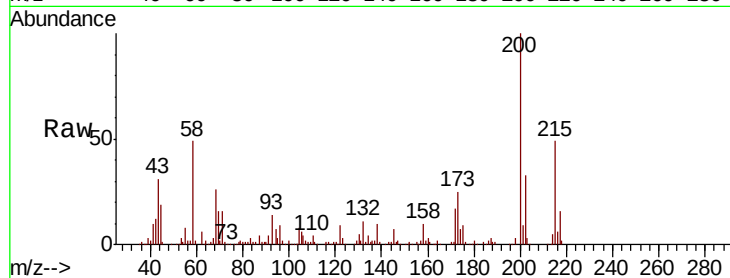
ClientSampleId :

PB117266BS

Tot Ion:	200	Resp:	170868
Ion Ratio		Lower	Upper
200	100		
173	24.6	3.9	43.9
215	48.9	30.9	70.9

Manual Integrations
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#70

Pentachlorophenol

Concen: 72.606 ng

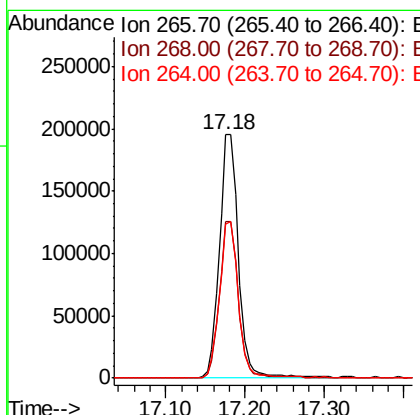
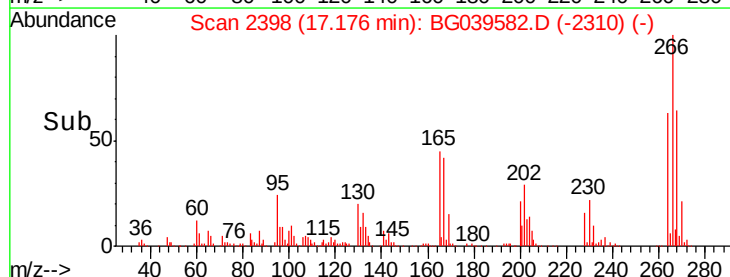
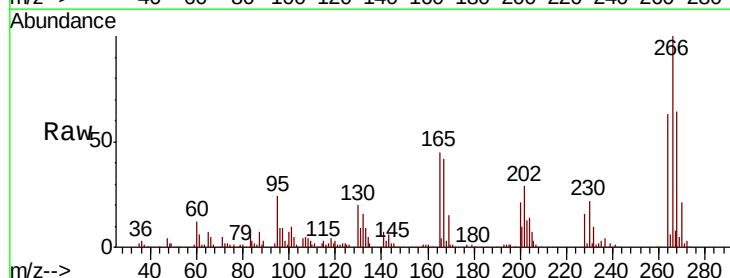
RT: 17.18 min Scan# 2398

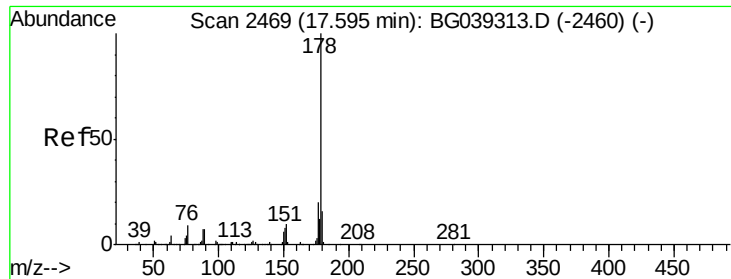
Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Tgt Ion:	266	Resp:	325188
Ion Ratio		Lower	Upper
266	100		
268	64.3	51.1	76.7
264	63.0	52.1	78.1





#71

Phenanthrene

Concen: 41.208 ng

RT: 17.58 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA_G

ClientSampleId :

PB117266BS

Tot Ion:178 Resp: 1234806

Ion Ratio Lower Upper

178 100

176 20.9 16.2 24.4

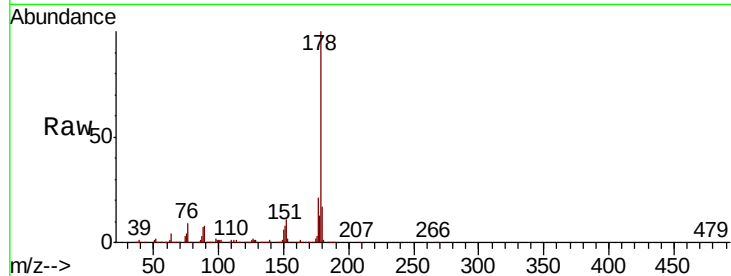
179 17.3 12.6 19.0

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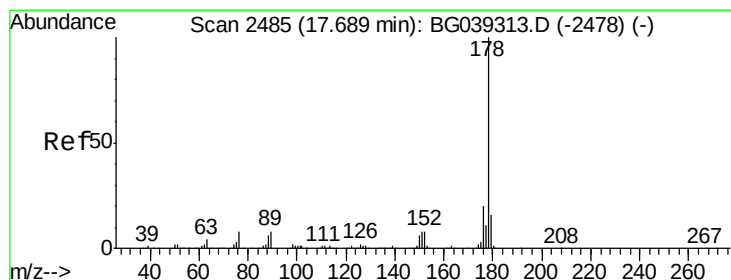
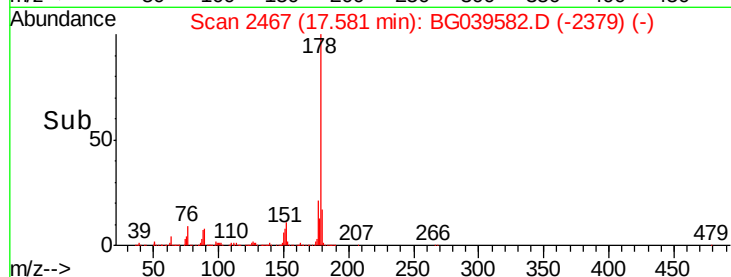
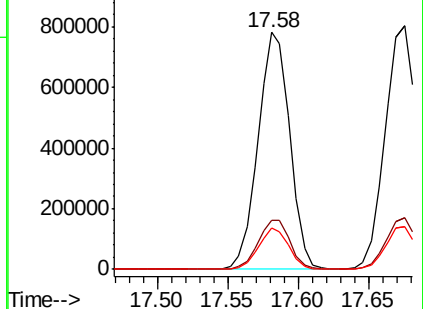
2/22/2019 9:23:02 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.675 ng

RT: 17.68 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Tgt Ion:178 Resp: 1259610

Ion Ratio Lower Upper

178 100

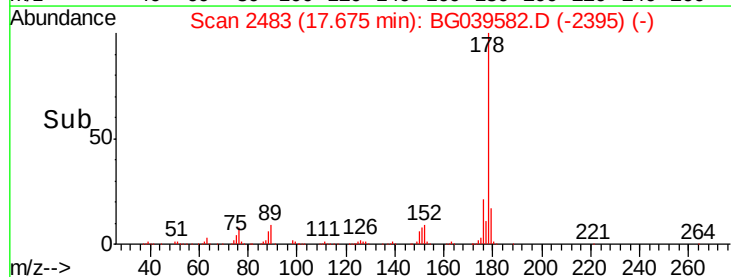
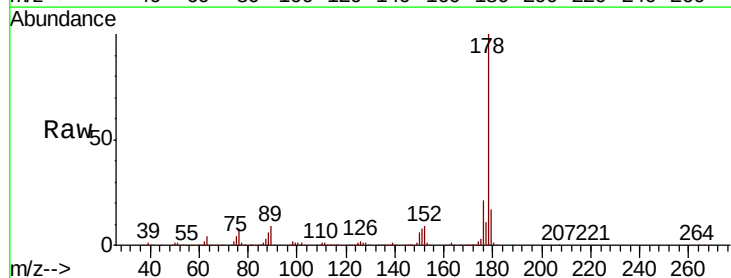
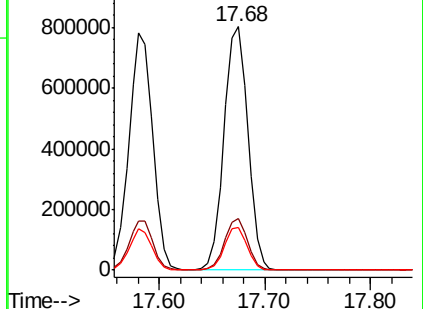
176 21.1 15.8 23.6

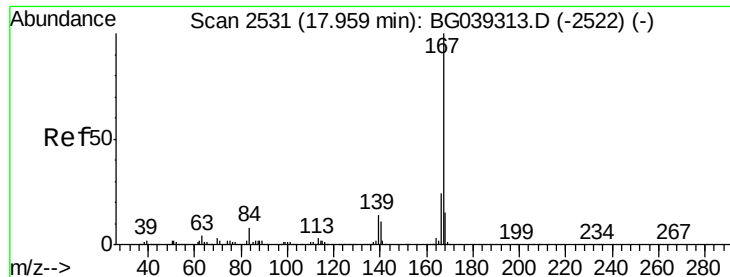
179 17.3 12.5 18.7

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.349 ng

RT: 17.95 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA_G

ClientSampleId :

PB117266BS

Tot Ion:167 Resp: 1129631

Ion Ratio Lower Upper

167 100

166 24.8 19.4 29.2

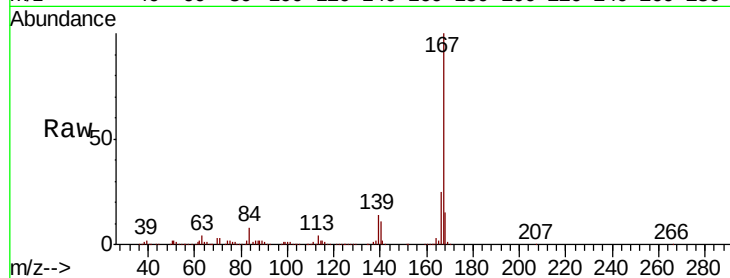
139 14.1 10.8 16.2

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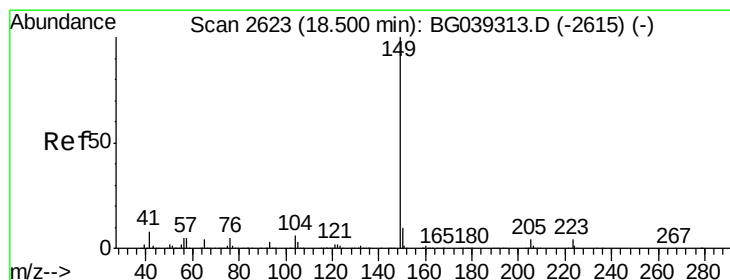
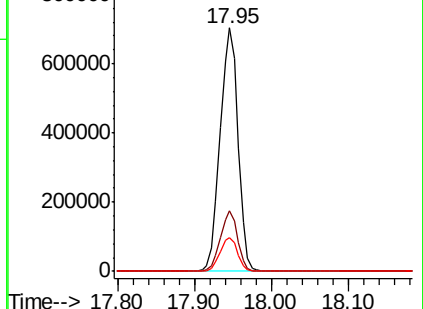
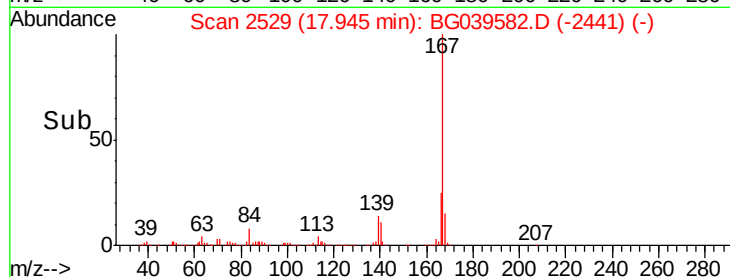
2/22/2019 9:23:02 AM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.890 ng

RT: 18.47 min Scan# 2619

Delta R.T. -0.03 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

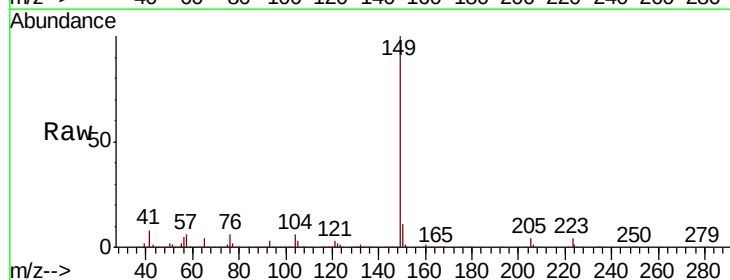
Tgt Ion:149 Resp: 1336454

Ion Ratio Lower Upper

149 100

150 10.7 7.7 11.5

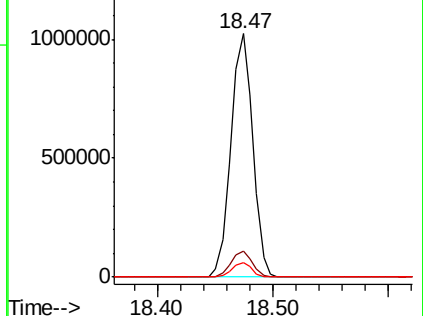
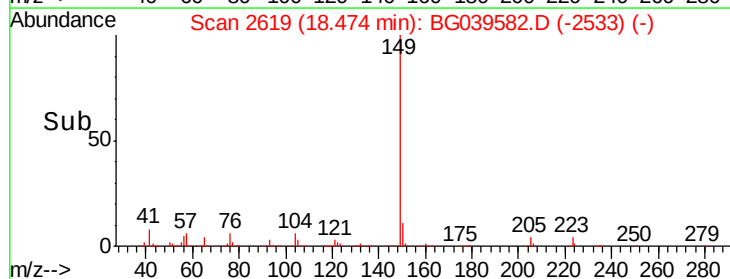
104 5.9 4.5 6.7

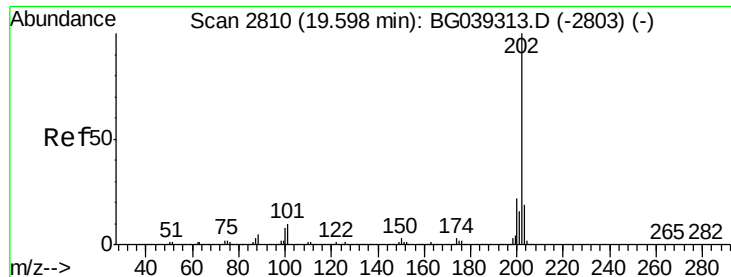


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.738 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA_G

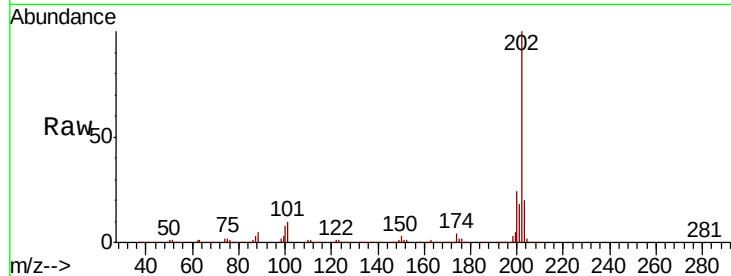
ClientSampleId :

PB117266BS

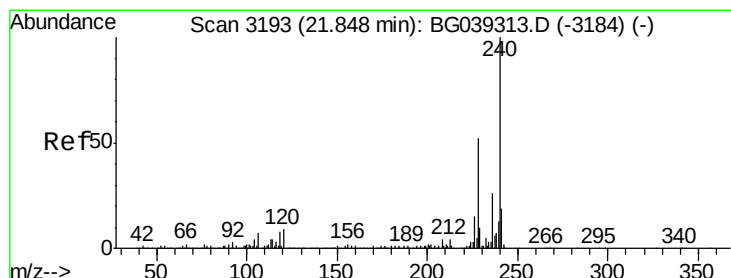
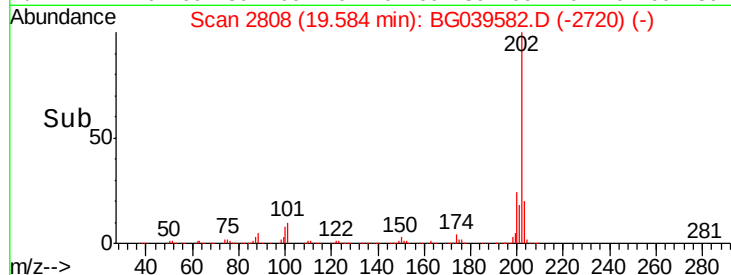
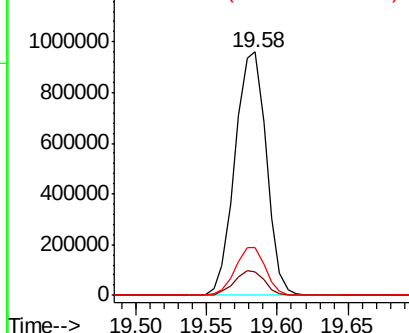
Tot Ion:	202	Resp:	1486457
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.0
203	19.6	0.0	38.9

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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# 3191

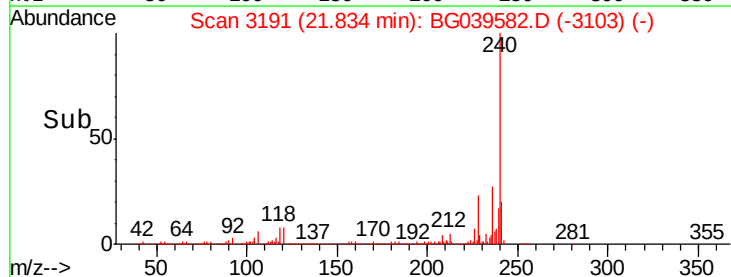
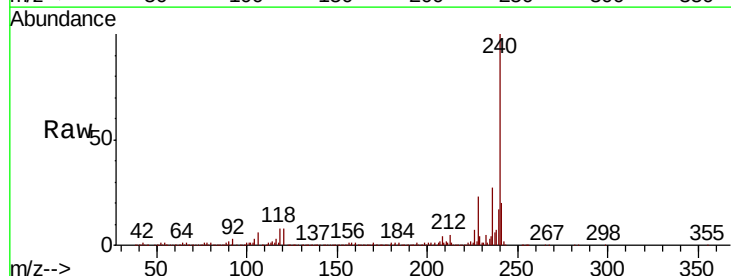
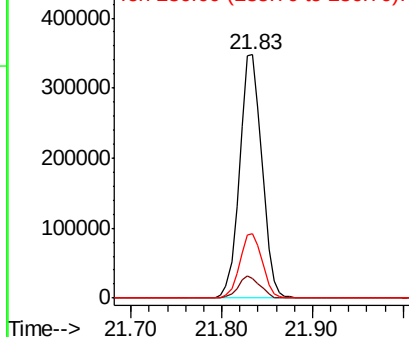
Delta R.T. -0.01 min

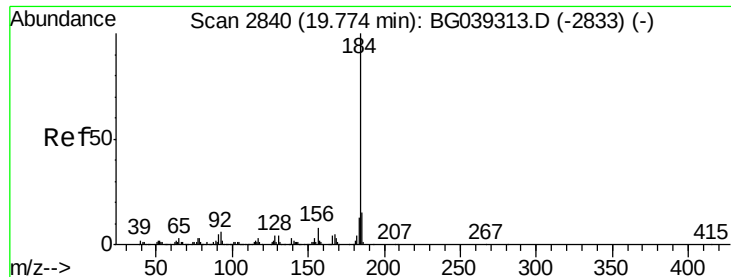
Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Tgt Ion:	240	Resp:	596640
Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.0	10.6
236	26.6	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: 50.618 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA_G

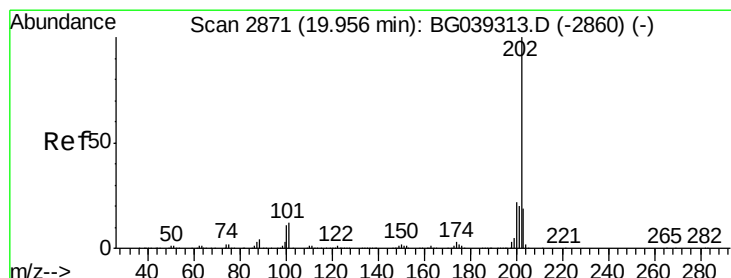
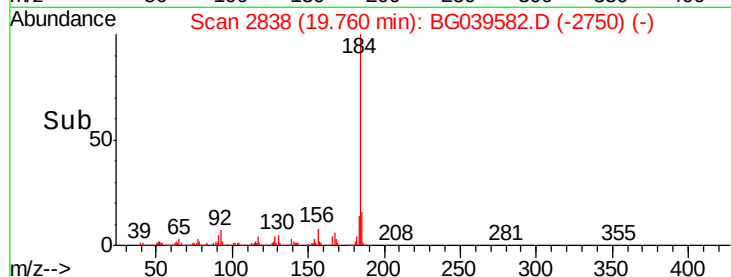
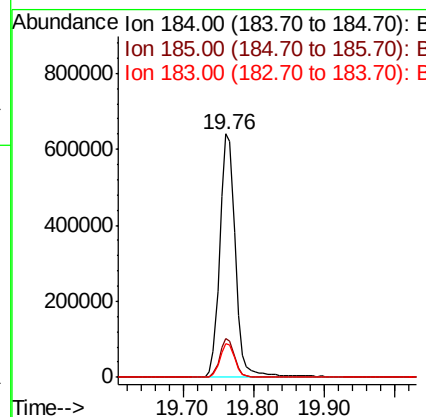
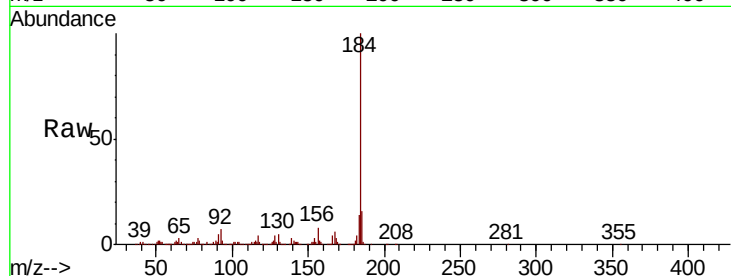
ClientSampleId :

PB117266BS

Tot Ion:	184	Resp:	990139
Ion Ratio	Lower	Upper	
184	100		
185	16.2	12.2	18.2
183	14.1	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 39.906 ng

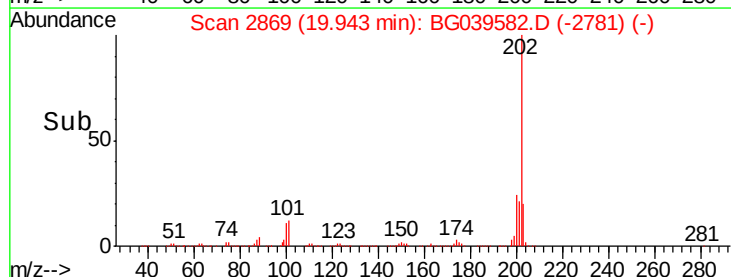
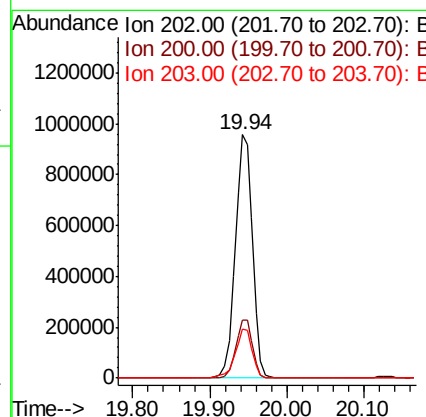
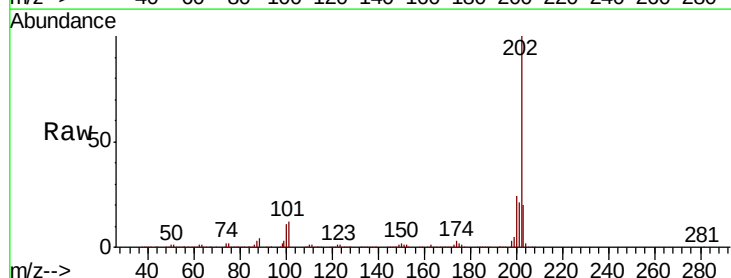
RT: 19.94 min Scan# 2869

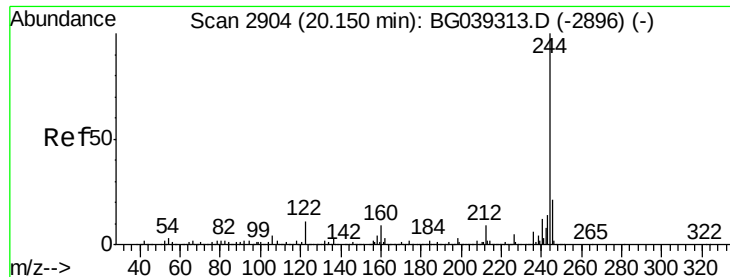
Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Tgt Ion:	202	Resp:	1482194
Ion Ratio	Lower	Upper	
202	100		
200	23.8	17.8	26.8
203	20.3	15.3	22.9





#79

Terphenyl-d14

Concen: 66.393 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA_G

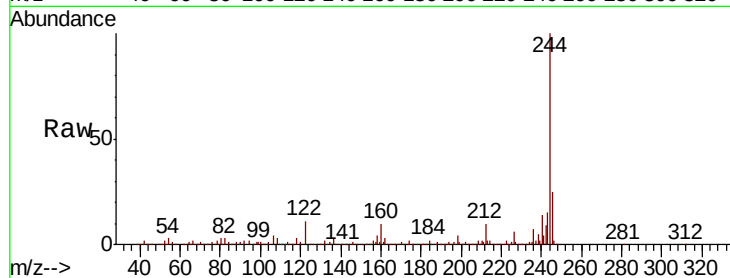
ClientSampleId :

PB117266BS

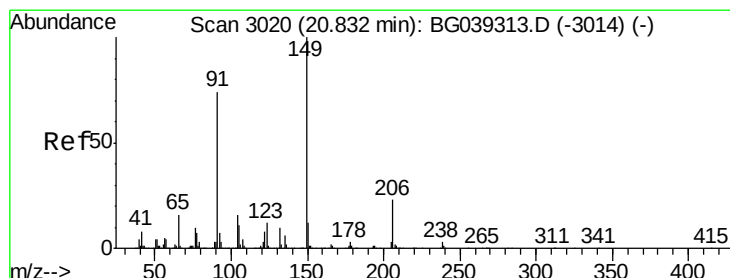
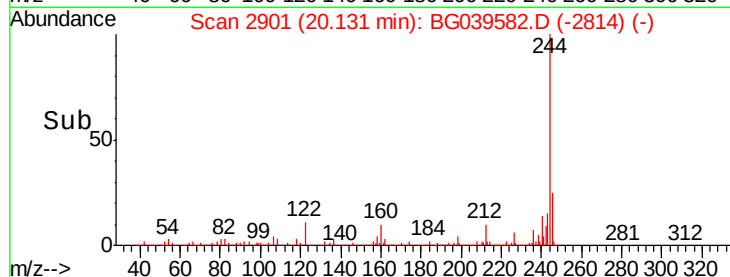
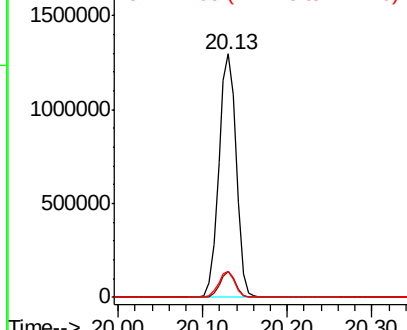
Tot Ion:	244	Resp:	1871434
Ion	Ratio	Lower	Upper
244	100		
212	10.5	7.3	10.9
122	10.5	8.4	12.6

Manual Integrations
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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: 42.347 ng

RT: 20.81 min Scan# 3017

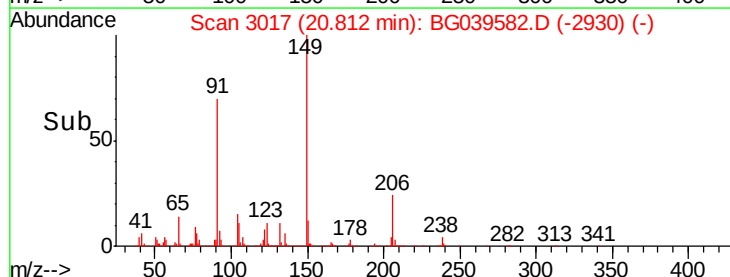
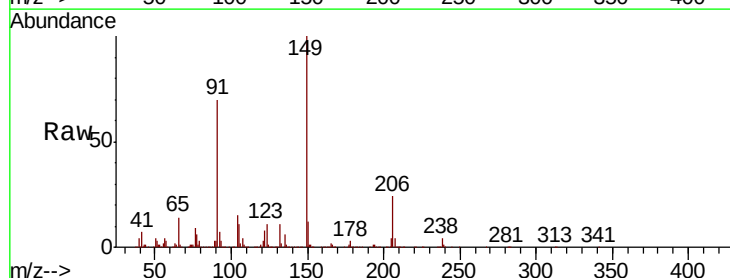
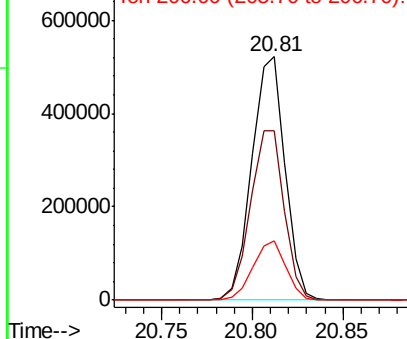
Delta R.T. -0.02 min

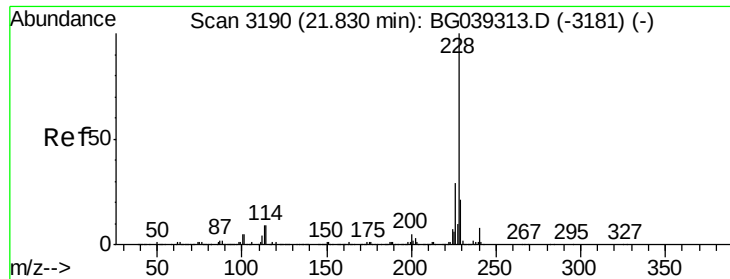
Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Tgt Ion:	149	Resp:	663497
Ion	Ratio	Lower	Upper
149	100		
91	69.6	59.5	89.3
206	24.3	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





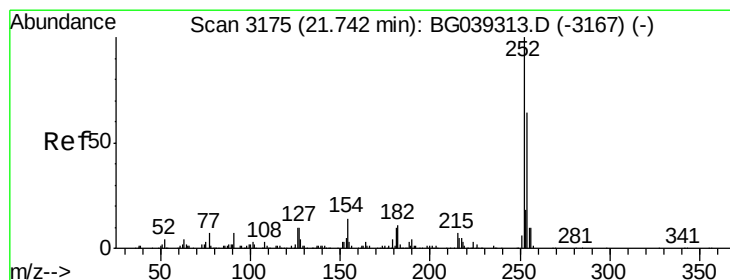
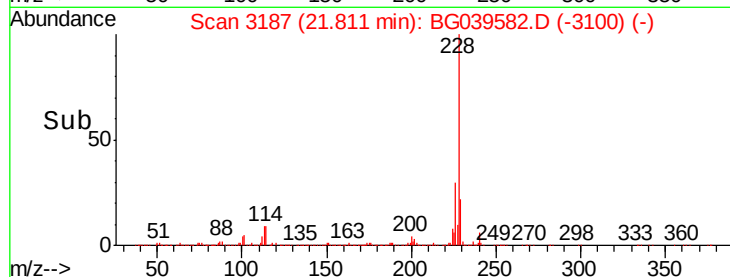
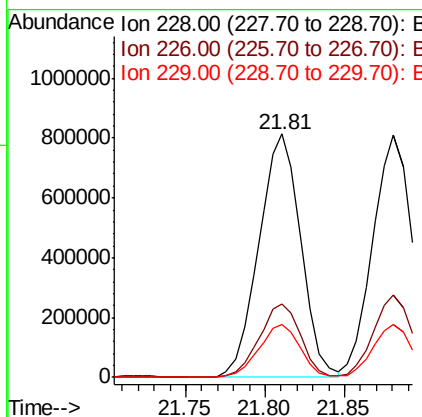
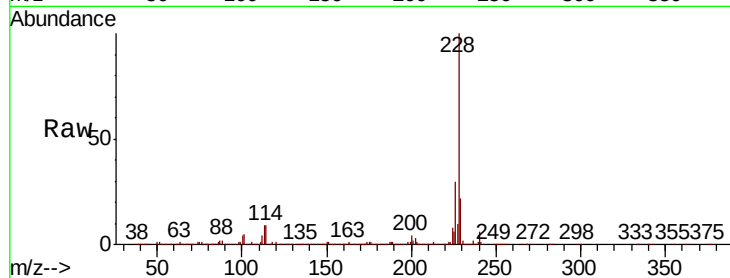
#81
Benzo(a)anthracene
Concen: 42.241 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Instrument :
BNA_G
ClientSampled :
PB117266BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.0	34.6
229	21.9	16.9	25.3

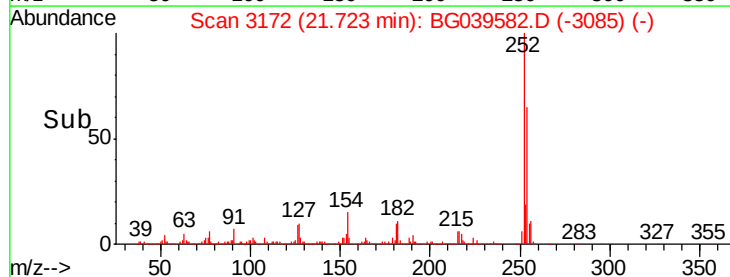
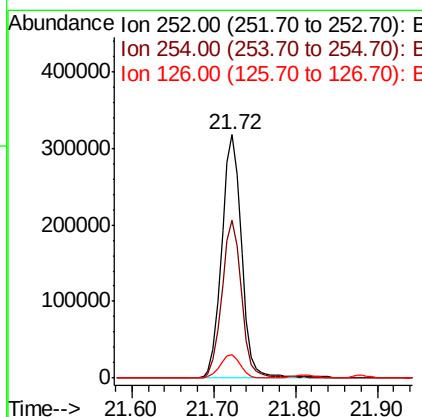
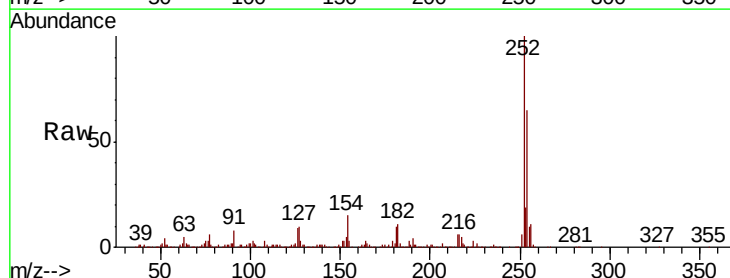
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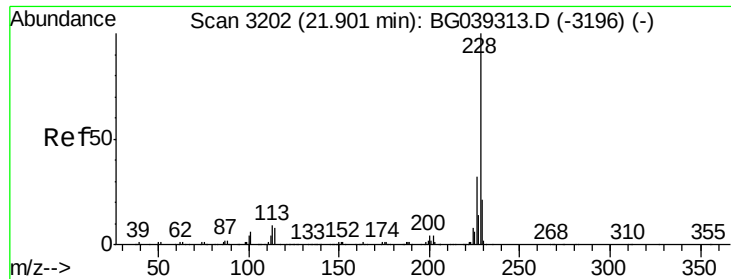
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 41.303 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.02 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.3	76.9
126	9.5	8.0	12.0





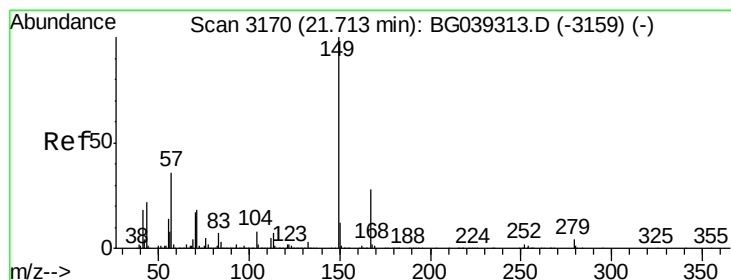
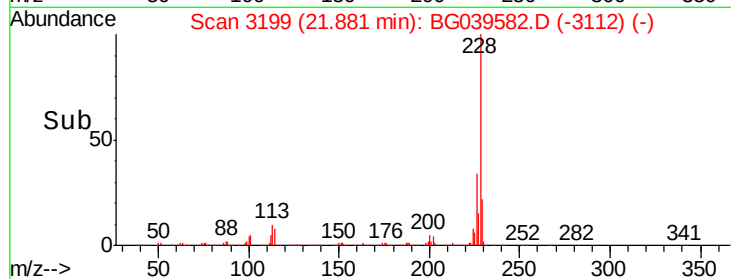
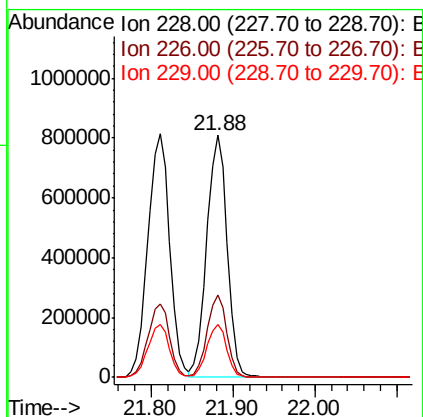
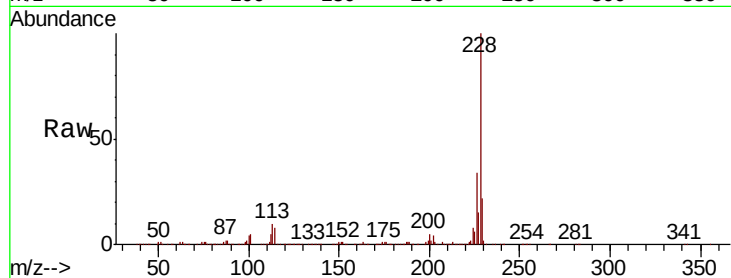
#83
Chrysene
Concen: 41.794 ng
RT: 21.88 min Scan# 3199
Delta R.T. -0.02 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Instrument :
BNA_G
ClientSampled :
PB117266BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.2	25.8	38.6
229	22.0	16.6	25.0

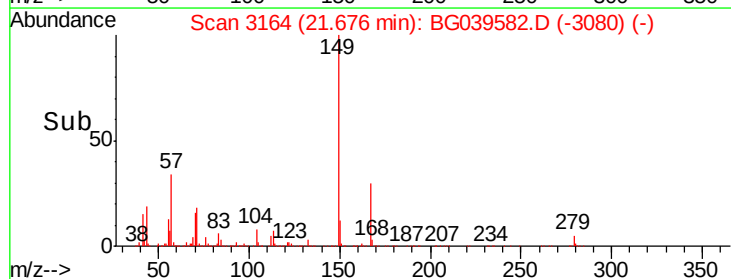
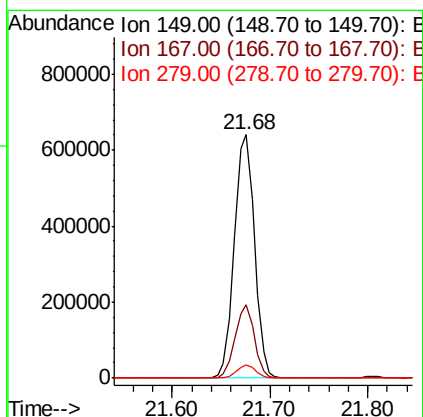
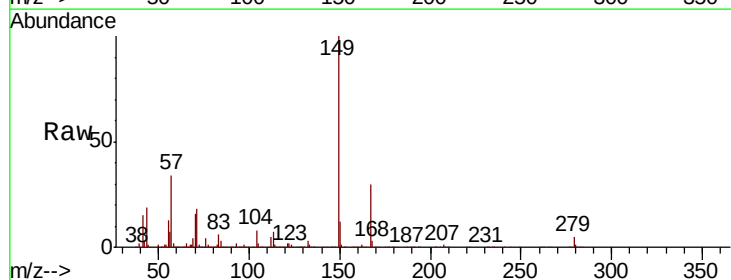
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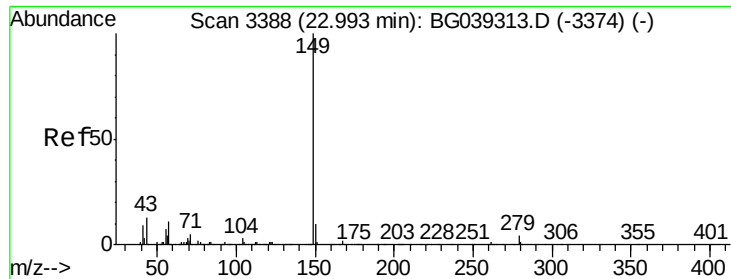
Sohil
2/22/2019 9:23:02 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.140 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.04 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.3	22.6	34.0
279	5.2	3.5	5.3





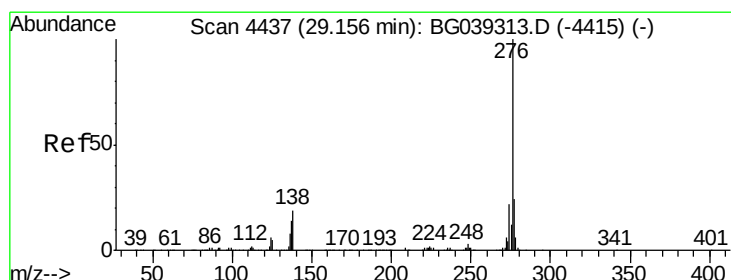
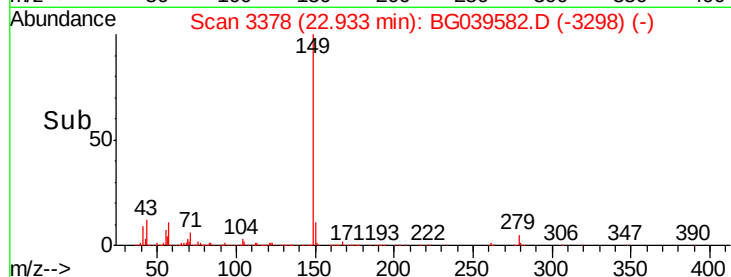
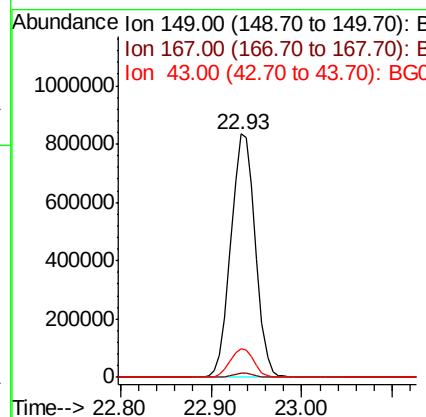
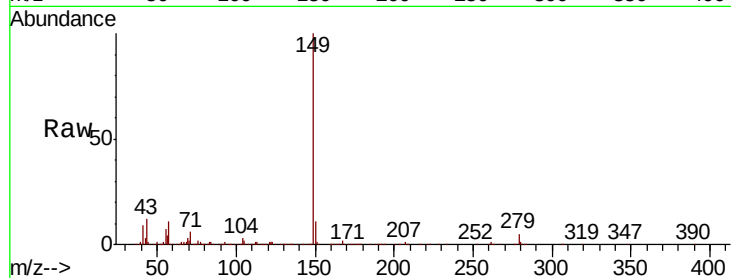
#85
Di-n-octyl phthalate
Concen: 42.209 ng
RT: 22.93 min Scan# 3378
Delta R.T. -0.06 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Instrument :
BNA_G
ClientSampleId :
PB117266BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	11.4	10.2	15.4

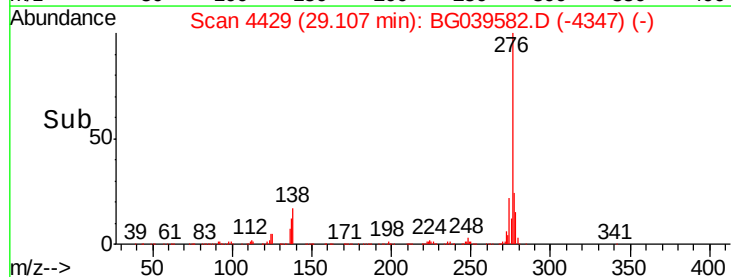
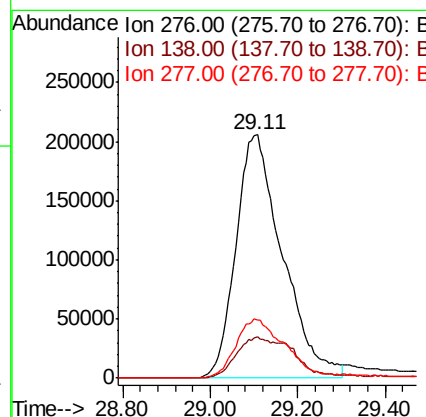
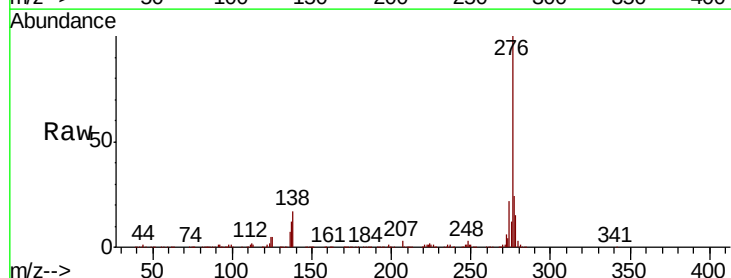
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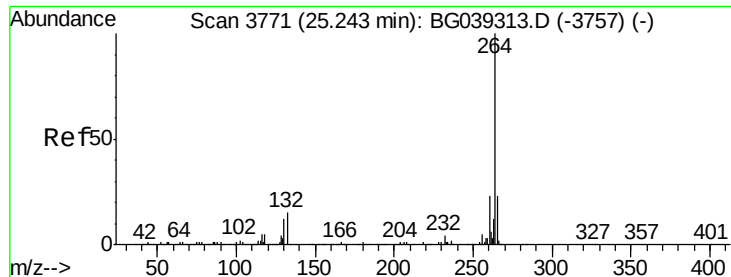
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.426 ng
RT: 29.11 min Scan# 4429
Delta R.T. -0.05 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	12.6	19.0#
277	25.6	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA_G

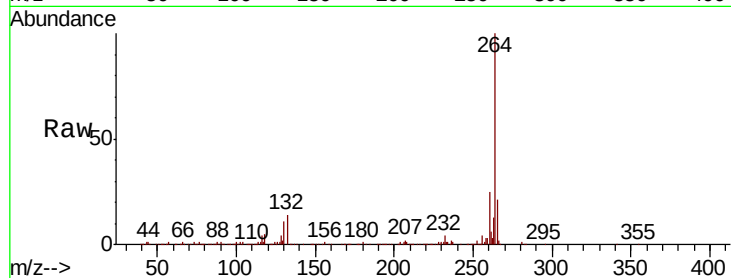
ClientSampleId :

PB117266BS

Tot Ion:	264	Resp:	567503
Ion Ratio		Lower	Upper
264	100		
260	24.6	18.2	27.4
265	21.0	18.5	27.7

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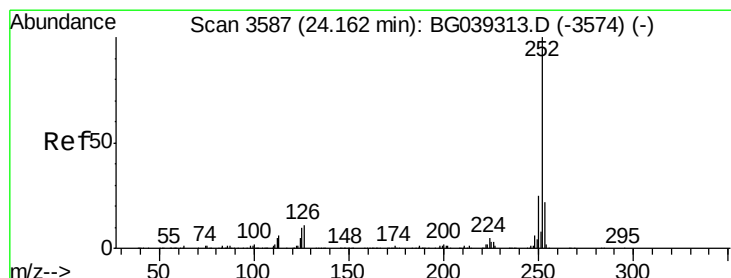
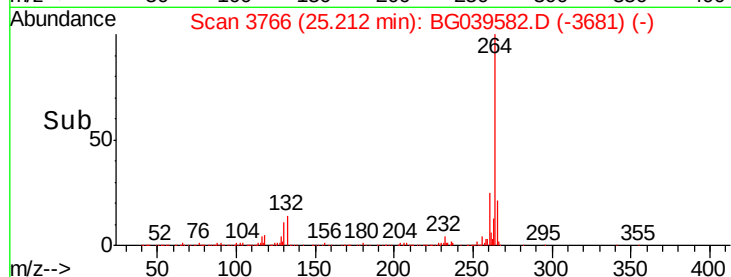
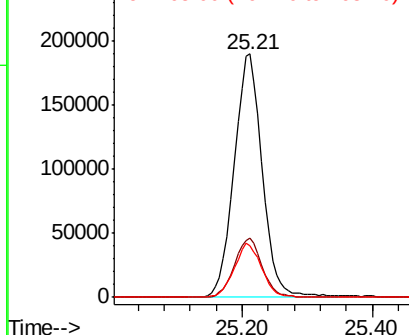


Abundance

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: 46.955 ng

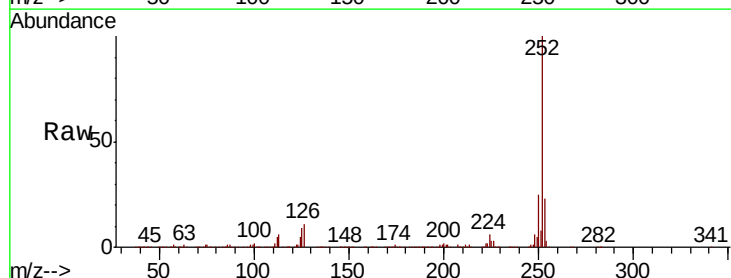
RT: 24.13 min Scan# 3582

Delta R.T. -0.03 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Tgt Ion:	252	Resp:	1453210
Ion Ratio		Lower	Upper
252	100		
253	23.3	17.8	26.8
125	8.6	7.8	11.6

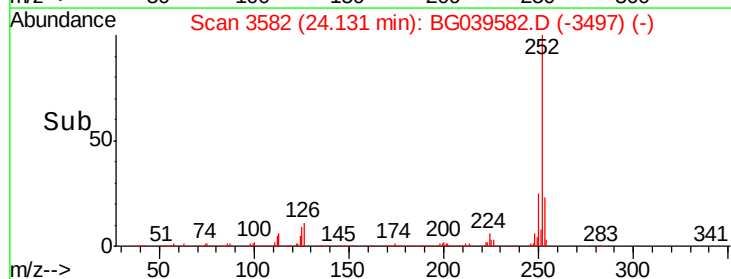
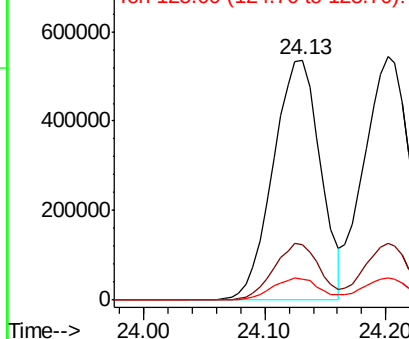


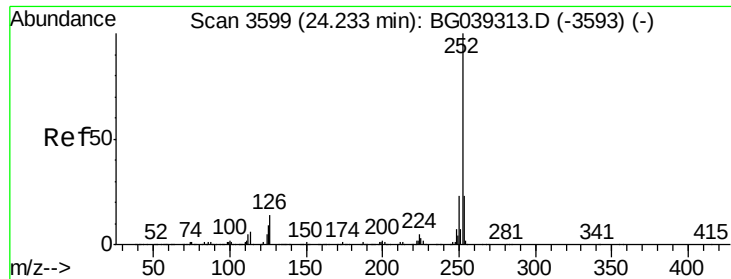
Abundance

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: 46.426 ng

RT: 24.20 min Scan# 3594

Delta R.T. -0.03 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA_G

ClientSampleId :

PB117266BS

Tot Ion:252 Resp: 1442574

Ion Ratio Lower Upper

252 100

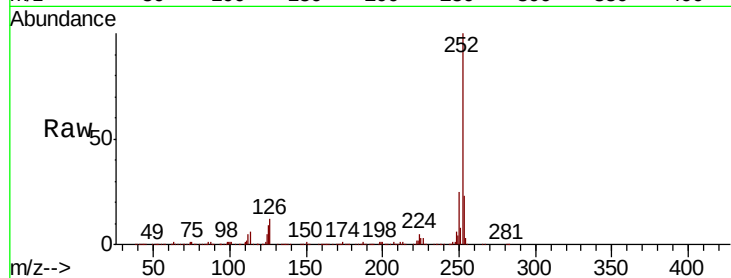
253 23.1 18.2 27.2

125 9.2 7.4 11.2

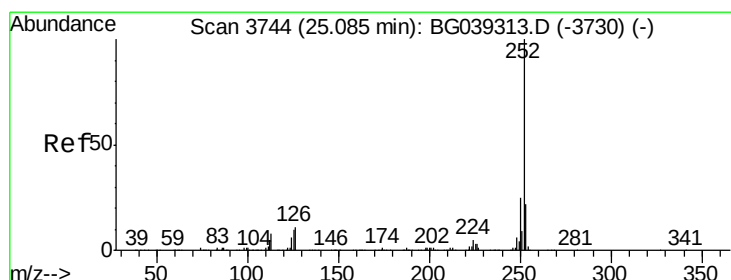
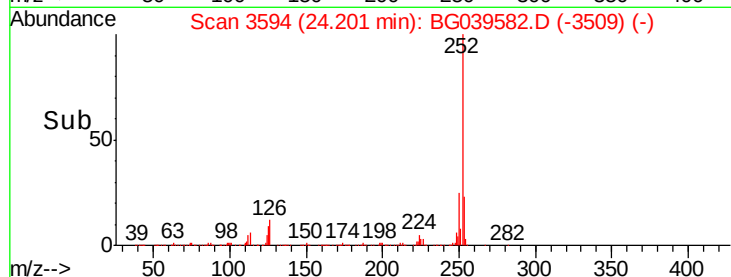
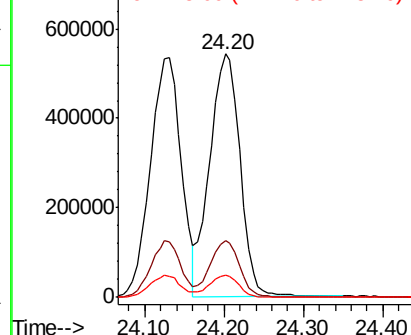
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.541 ng

RT: 25.05 min Scan# 3739

Delta R.T. -0.03 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

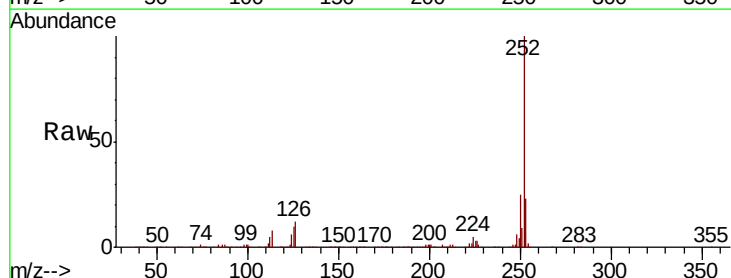
Tgt Ion:252 Resp: 1446826

Ion Ratio Lower Upper

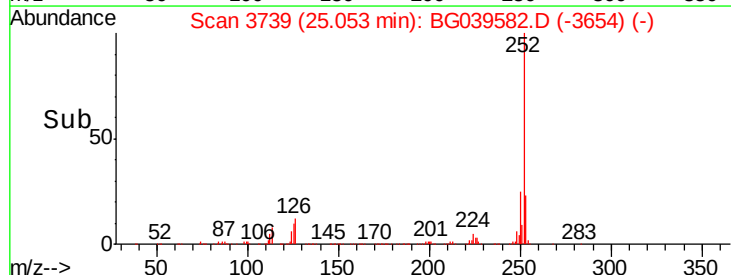
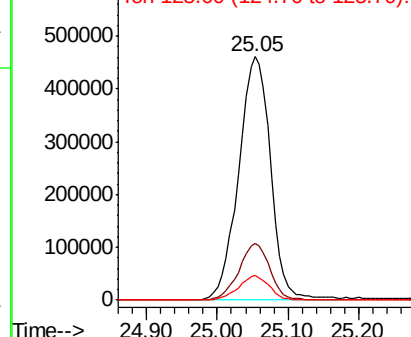
252 100

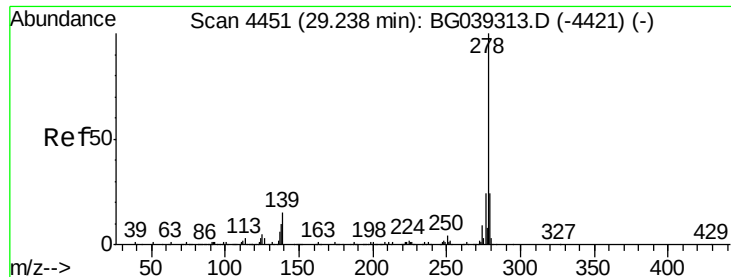
253 23.3 17.9 26.9

125 10.0 8.3 12.5



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





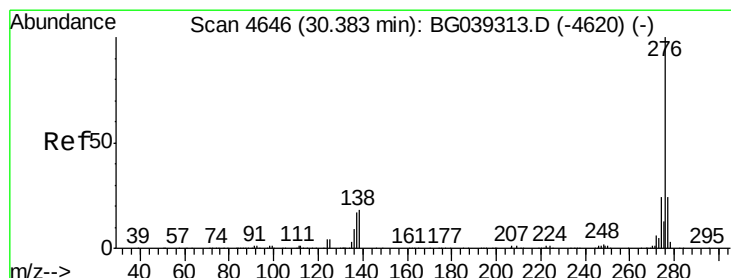
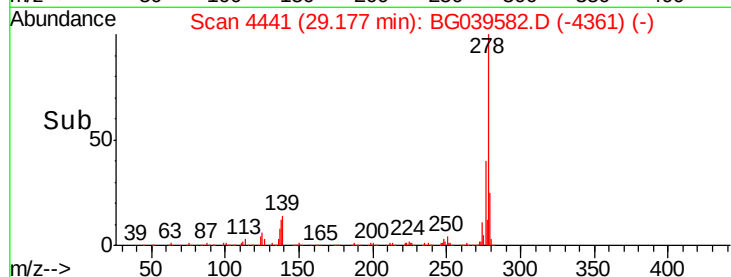
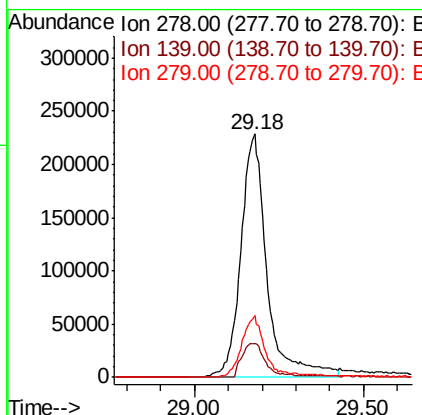
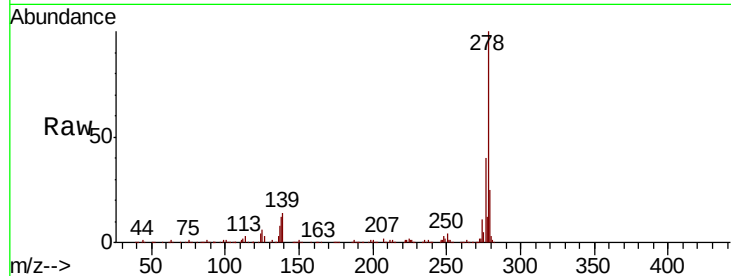
#91
Dibenzo(a,h)anthracene
Concen: 44.118 ng
RT: 29.18 min Scan# 4441
Delta R.T. -0.06 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Instrument :
BNA_G
ClientSampleId :
PB117266BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.7	17.5
279	25.3	19.1	28.7

Manual Integrations
APPROVED

Sohil
2/22/2019 9:23:02 AM



#92
Benzo(g,h,i)perylene
Concen: 43.152 ng
RT: 30.33 min Scan# 4638
Delta R.T. -0.05 min
Lab File: BG039582.D
Acq: 21 Feb 2019 22:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.6	29.4
138	17.9	14.7	22.1

