

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
 Data File : BG039639.D
 Acq On : 27 Feb 2019 17:57
 Operator : JU/SJ
 Sample : PB117428BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

Manual Integrations
 APPROVED

Sohil
 2/28/2019 1:32:06 PM

Quant Time: Feb 28 01:21:33 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	74860	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	331466	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	222585	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	529171	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	505909	20.00	ng	-0.02
87) Perylene-d12	25.20	264	498430	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	607078	138.79	ng	0.00
7) Phenol-d6	7.32	99	909455	141.26	ng	0.00
23) Nitrobenzene-d5	9.35	82	446379	84.13	ng	-0.02
42) 2,4,6-Tribromophenol	16.29	330	392046	163.57	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1054168	67.94	ng	-0.02
79) Terphenyl-d14	20.13	244	1679328	70.26	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.61	88	75525	39.475	ng	93
3) Pyridine	4.01	79	226663	44.746	ng	93
4) n-Nitrosodimethylamine	3.93	42	112183	44.283	ng	89
6) Aniline	7.50	93	354853	44.002	ng	98
8) 2-Chlorophenol	7.73	128	209049	43.724	ng	99
9) Benzaldehyde	7.31	77	126378	39.033	ng	97
10) Phenol	7.34	94	289572	43.146	ng	98
11) bis(2-Chloroethyl)ether	7.59	93	222284	41.915	ng	98
12) 1,3-Dichlorobenzene	8.06	146	240080	41.451	ng	98
13) 1,4-Dichlorobenzene	8.20	146	243332	42.150	ng	97
14) 1,2-Dichlorobenzene	8.53	146	235877	42.207	ng	97
15) Benzyl Alcohol	8.41	79	219152	43.357	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	425692	35.545	ng	99
17) 2-Methylphenol	8.60	107	194188	44.711	ng	95
18) Hexachloroethane	9.25	117	87369	43.990	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	186092	40.724	ng	92
20) 3+4-Methylphenols	8.93	107	268131	44.832	ng	98
22) Acetophenone	9.00	105	354813	39.850	ng	# 93
24) Nitrobenzene	9.39	77	273129	47.649	ng	98
25) Isophorone	9.91	82	535769	45.567	ng	98
26) 2-Nitrophenol	10.10	139	138015	57.671	ng	98
27) 2,4-Dimethylphenol	10.14	122	220496	46.359	ng	99
28) bis(2-Chloroethoxy)methane	10.38	93	309737	42.769	ng	96
29) 2,4-Dichlorophenol	10.63	162	243040	46.754	ng	94
30) 1,2,4-Trichlorobenzene	10.85	180	261135	44.744	ng	99
31) Naphthalene	11.04	128	721865	43.899	ng	98
32) Benzoic acid	10.29	122	155167	49.478	ng	97
33) 4-Chloroaniline	11.15	127	325364	42.674	ng	98
34) Hexachlorobutadiene	11.30	225	164706	42.437	ng	93
35) Caprolactam	11.94	113	87490m	40.672	ng	
36) 4-Chloro-3-methylphenol	12.25	107	262897	43.730	ng	97
37) 2-Methylnaphthalene	12.63	142	547720	44.972	ng	98
38) 1-Methylnaphthalene	12.85	142	524921	44.712	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	305234	43.100	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	372663	96.567	nq	97
43) 2,4,6-Trichlorophenol	13.22	196	202810	46.576	nq	99
44) 2,4,5-Trichlorophenol	13.30	196	221885	48.619	nq	99
46) 1,1'-Biphenyl	13.63	154	721082	38.936	nq	98
47) 2-Chloronaphthalene	13.68	162	566358	40.652	nq	99
48) 2-Nitroaniline	13.88	65	194962	48.591	nq	94
49) Acenaphthylene	14.52	152	884537	42.076	nq	98
50) Dimethylphthalate	14.24	163	737688	41.035	nq	98
51) 2,6-Dinitrotoluene	14.37	165	169710	50.169	nq	95
52) Acenaphthene	14.86	154	547203	40.100	nq	98
53) 3-Nitroaniline	14.71	138	172049	47.524	nq #	92
54) 2,4-Dinitrophenol	14.91	184	198599	111.869	nq	99
55) Dibenzofuran	15.19	168	892197	40.779	nq	99
56) 4-Nitrophenol	15.00	139	284522	86.990	nq #	87
57) 2,4-Dinitrotoluene	15.16	165	243933	55.265	nq #	84
58) Fluorene	15.84	166	696672	42.715	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	216543	50.676	nq	97
60) Diethylphthalate	15.59	149	752392	40.480	nq	97
61) 4-Chlorophenyl-phenylether	15.82	204	382141	41.379	nq	98
62) 4-Nitroaniline	15.87	138	185051	48.994	nq	93
63) Azobenzene	16.12	77	669423	36.849	nq	96
65) 4,6-Dinitro-2-methylphenol	15.92	198	144925	62.233	nq	93
66) n-Nitrosodiphenylamine	16.04	169	646614	40.187	nq	99
67) 4-Bromophenyl-phenylether	16.72	248	253351	43.156	nq	94
68) Hexachlorobenzene	16.83	284	261065	44.324	nq	95
69) Atrazine	16.98	200	140590	23.910	nq	96
70) Pentachlorophenol	17.18	266	321686	78.582	nq	99
71) Phenanthrene	17.58	178	1141678	41.685	nq	99
72) Anthracene	17.67	178	1153049	42.741	nq	97
73) Carbazole	17.94	167	1009614	37.500	nq	98
74) Di-n-butylphthalate	18.47	149	1210311	38.533	nq	98
75) Fluoranthene	19.58	202	1324633	41.669	nq	98
77) Benzidine	19.76	184	919479	55.435	nq	98
78) Pyrene	19.94	202	1312280	41.667	nq	98
80) Butylbenzylphthalate	20.81	149	568250	42.772	nq	92
81) Benzo(a)anthracene	21.81	228	1290454	43.168	nq	97
82) 3,3'-Dichlorobenzidine	21.72	252	475451	42.894	nq	98
83) Chrysene	21.88	228	1203952	42.308	nq	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	788917	41.624	nq	98
85) Di-n-octyl phthalate	22.93	149	1336957	42.696	nq	96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1471739	48.203	nq #	95
88) Benzo(b)fluoranthene	24.12	252	1266799	46.604	nq	99
89) Benzo(k)fluoranthene	24.20	252	1233031	45.182	nq	99
90) Benzo(a)pyrene	25.05	252	1261011	48.170	nq	98
91) Dibenzo(a,h)anthracene	29.16	278	1185905	48.373	nq	99
92) Benzo(g,h,i)perylene	30.33	276	1211871	49.594	nq	99

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

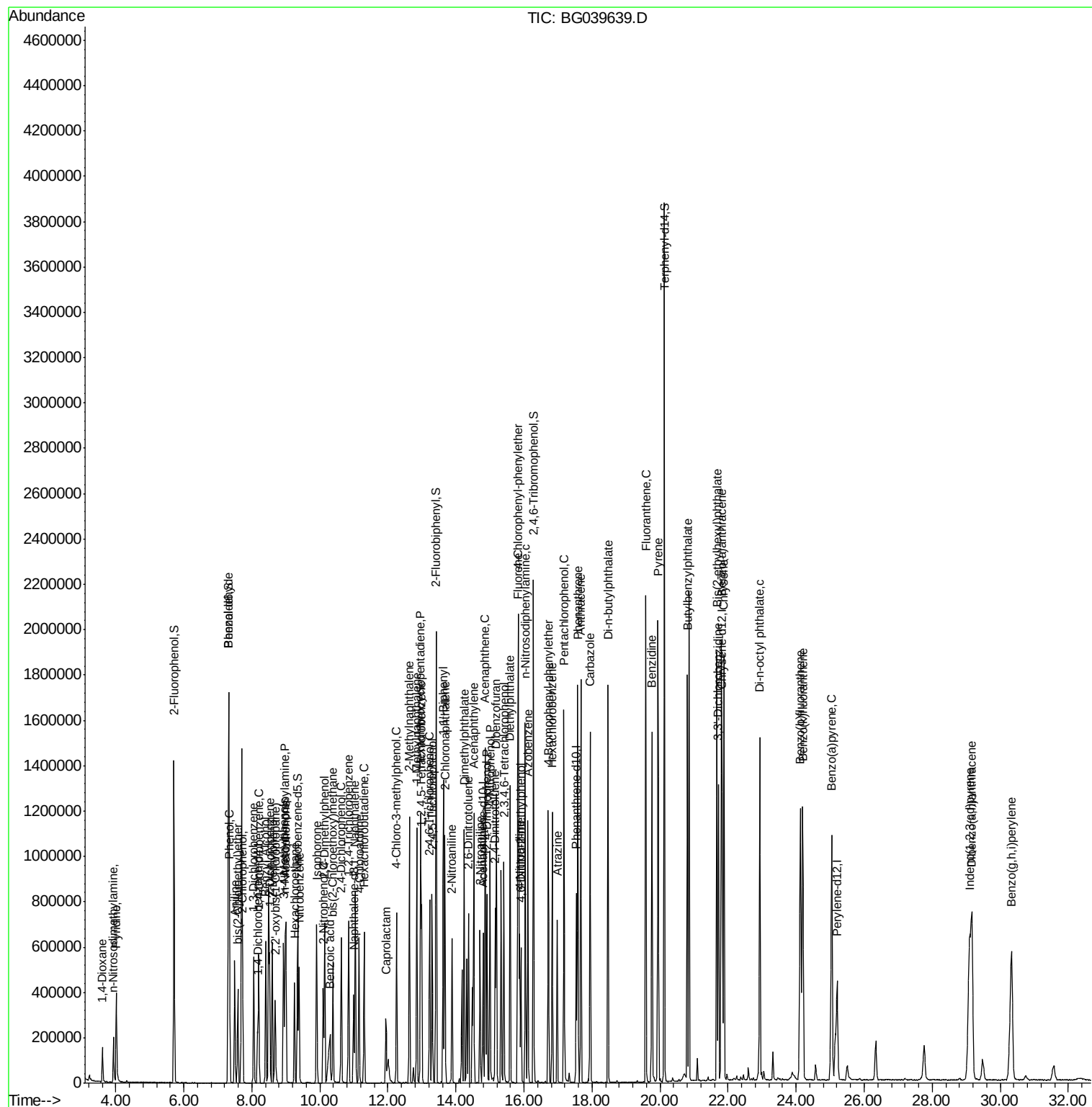
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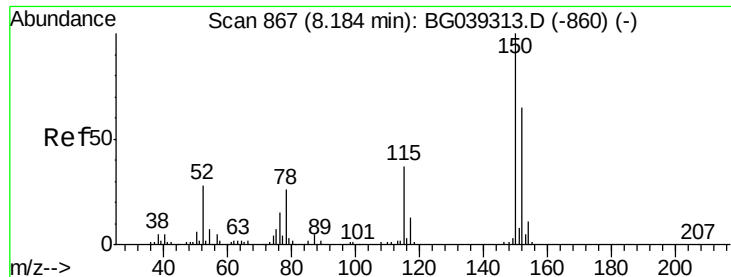
Instrument :
BNA_G
ClientSampleId :
PB117428BSD

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#1

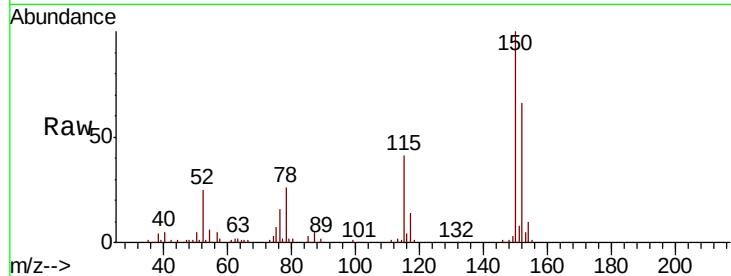
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	123.7	185.5
115	62.4	45.9	68.9

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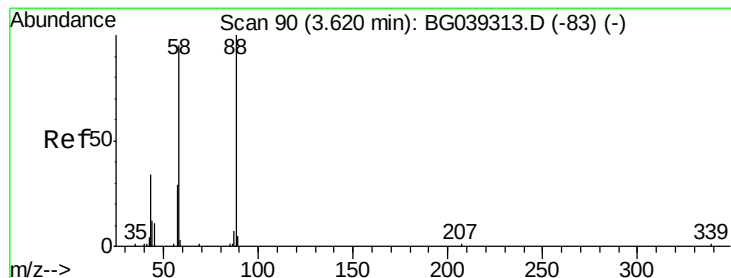
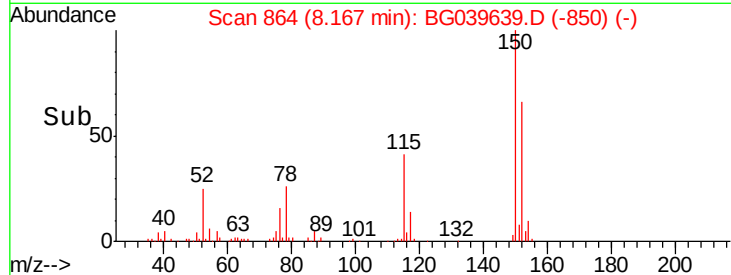
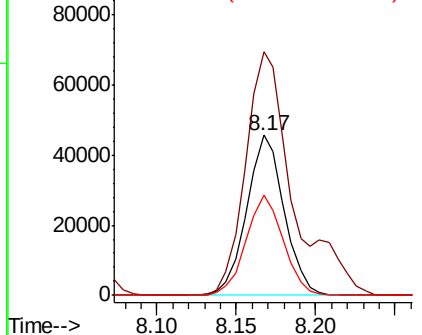


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

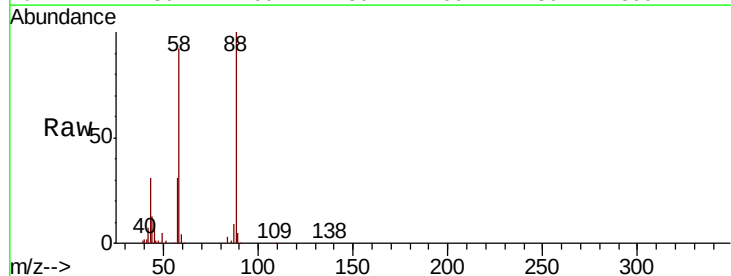
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.475 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.6	81.1	121.7
43	36.1	31.4	47.0

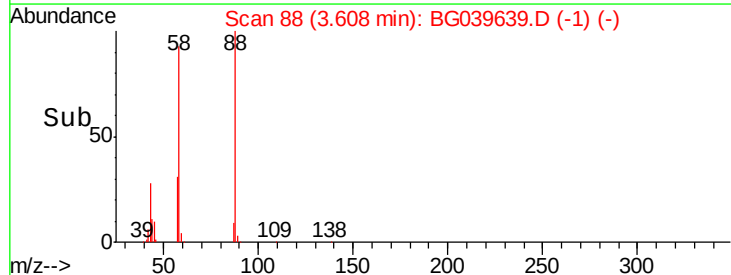
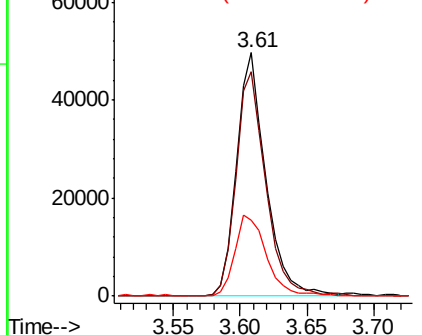


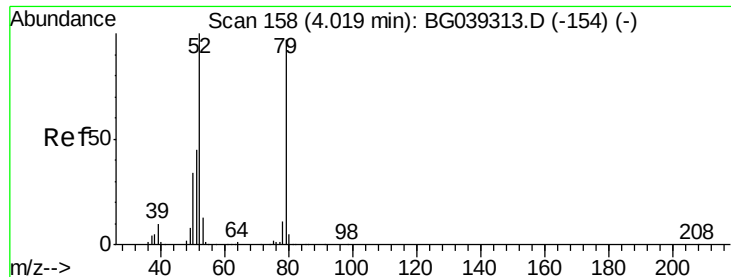
Abundance

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: 44.746 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_G

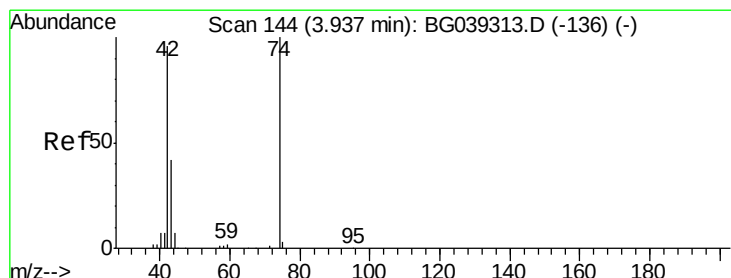
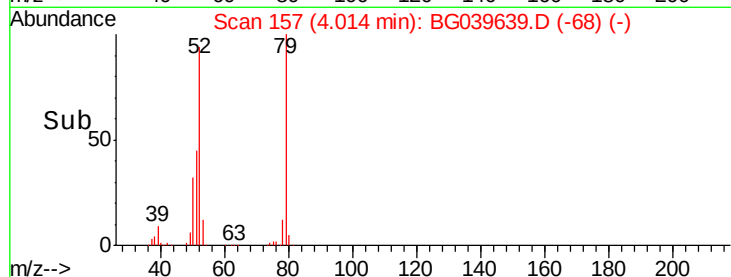
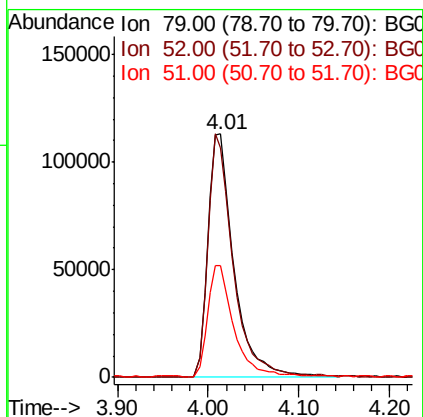
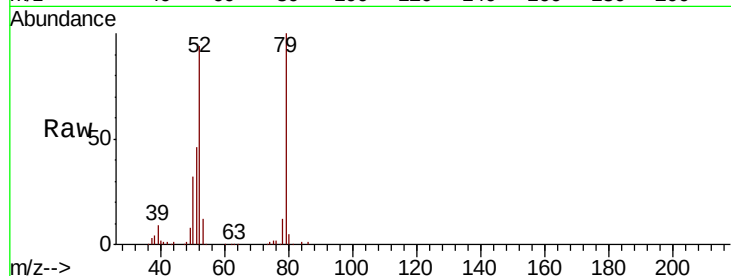
ClientSampled :

PB117428BSD

Tot Ion:	79	Resp:	226663
Ion	Ratio	Lower	Upper
79	100		
52	94.3	82.6	124.0
51	45.8	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 44.283 ng

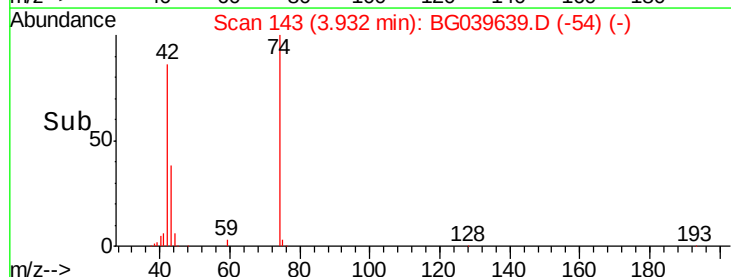
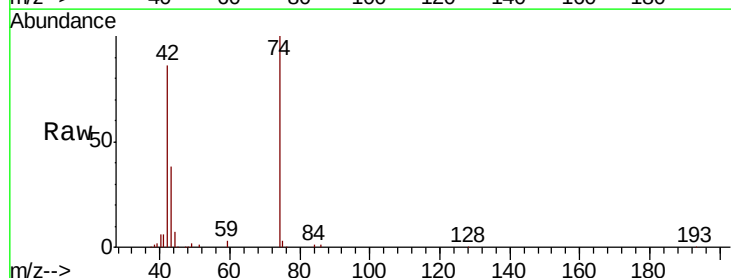
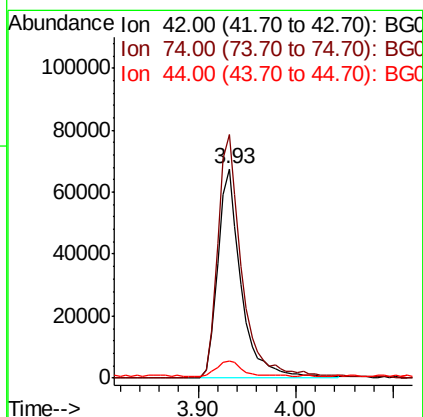
RT: 3.93 min Scan# 143

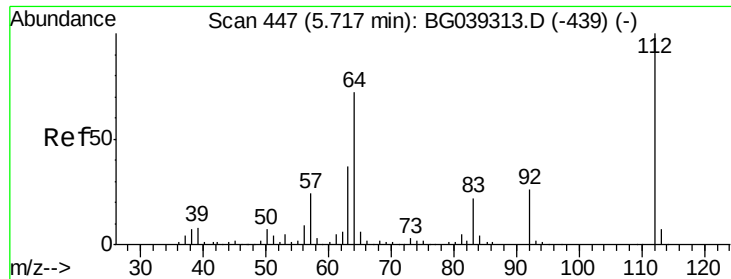
Delta R.T. -0.01 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Tgt Ion:	42	Resp:	112183
Ion	Ratio	Lower	Upper
42	100		
74	116.3	83.6	125.4
44	8.1	6.9	10.3





#5

2-Fluorophenol

Concen: 138.795 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_G

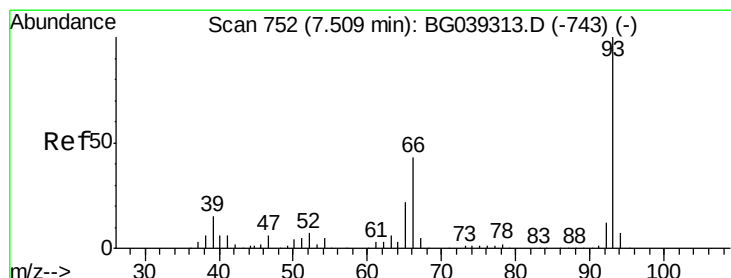
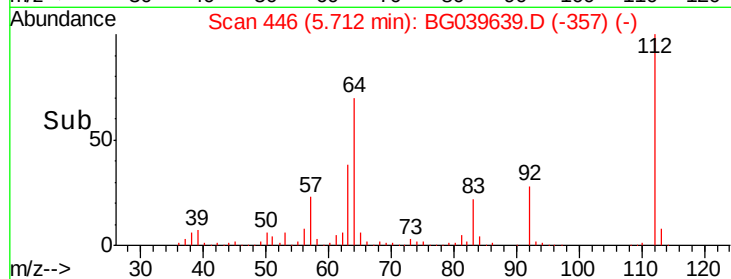
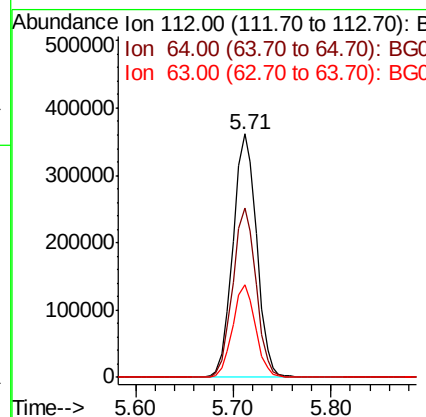
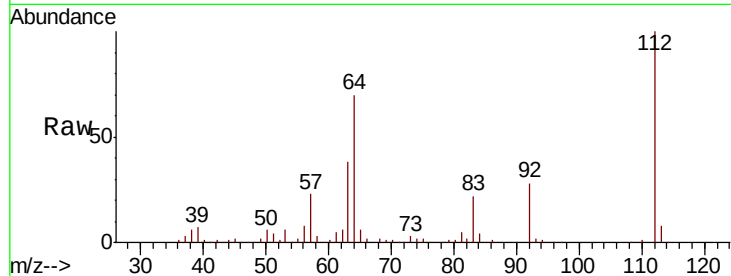
ClientSampleId :

PB117428BSD

Tot Ion:	112	Resp:	607078
Ion Ratio	Lower	Upper	
112	100		
64	69.8	57.8	86.8
63	38.0	29.8	44.6

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#6

Aniline

Concen: 44.002 ng

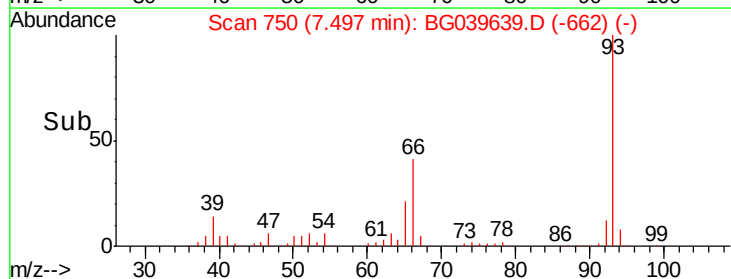
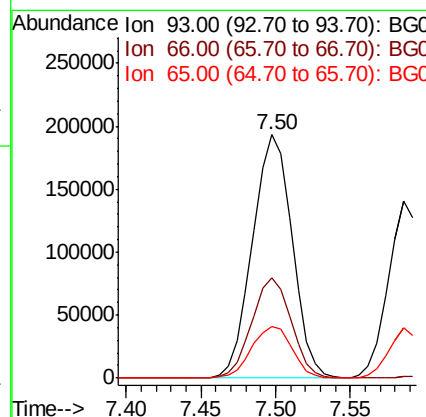
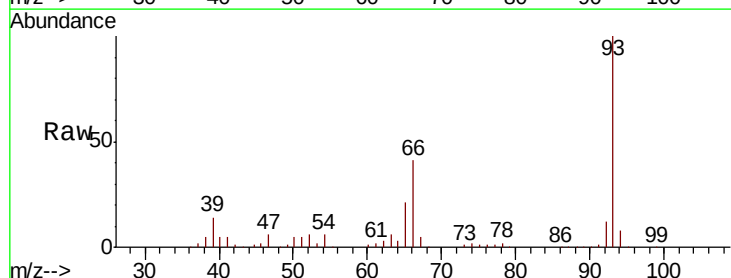
RT: 7.50 min Scan# 750

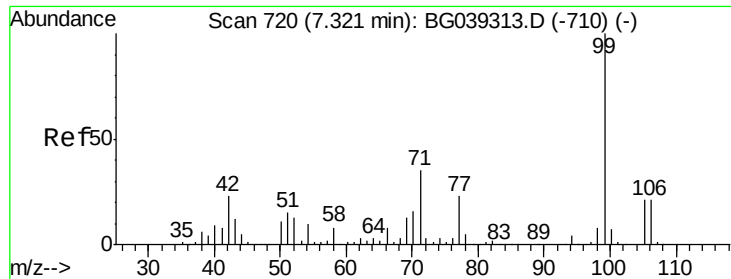
Delta R.T. -0.01 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Tgt Ion:	93	Resp:	354853
Ion Ratio	Lower	Upper	
93	100		
66	41.1	34.2	51.4
65	21.4	17.7	26.5





#7

Phenol-d6

Concen: 141.257 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_G

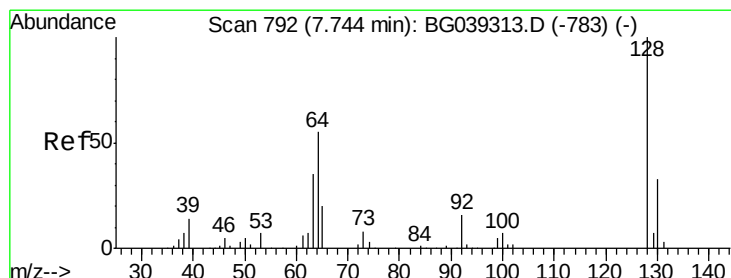
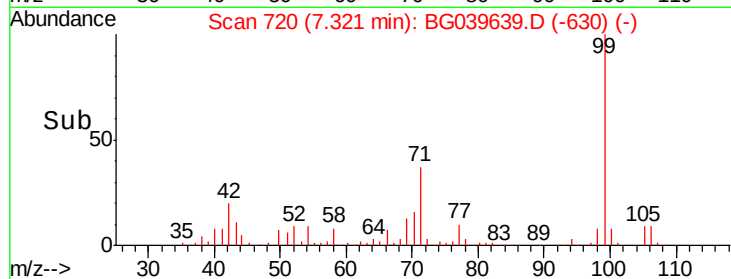
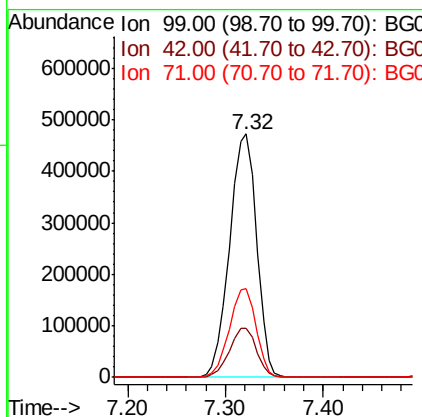
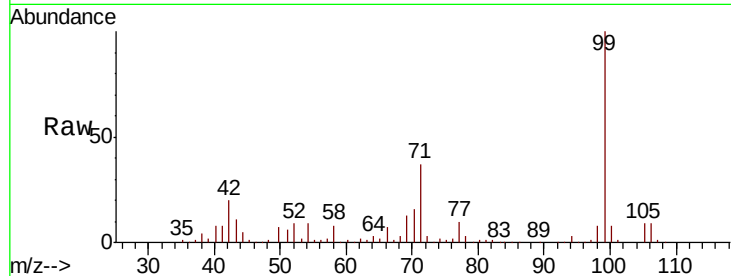
ClientSampleId :

PB117428BSD

Tot Ion:	99	Resp:	909455
Ion Ratio	Lower	Upper	
99	100		
42	20.2	18.2	27.2
71	36.6	28.0	42.0

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#8

2-Chlorophenol

Concen: 43.724 ng

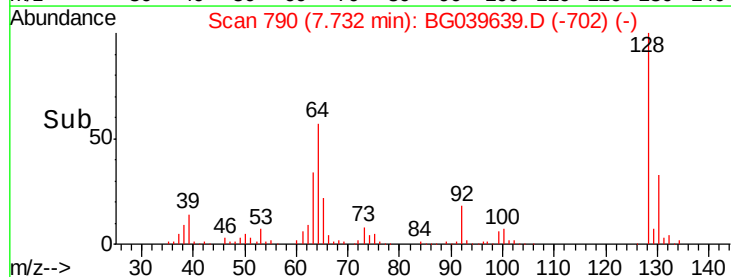
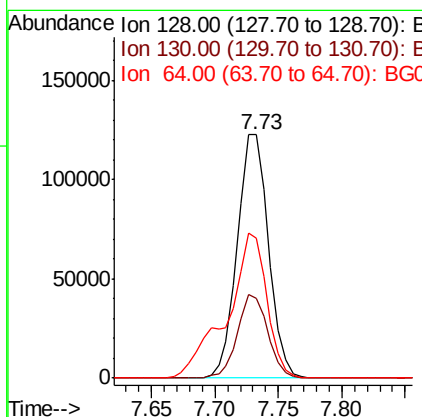
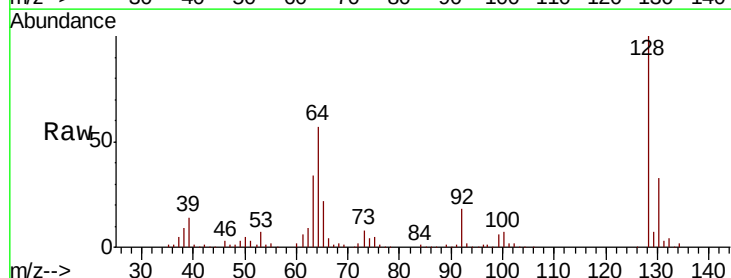
RT: 7.73 min Scan# 790

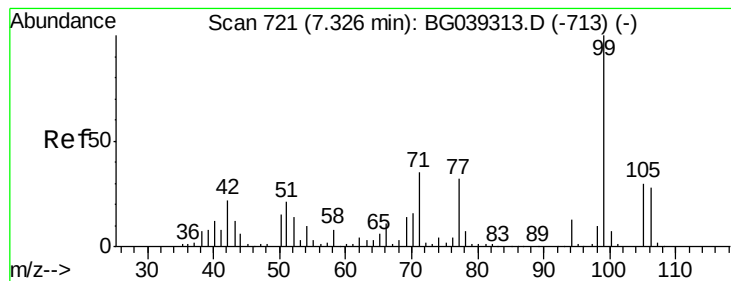
Delta R.T. -0.01 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Tgt Ion:	128	Resp:	209049
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.9	52.9
64	57.4	38.7	78.7





#9

Benzaldehyde

Concen: 39.033 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_G

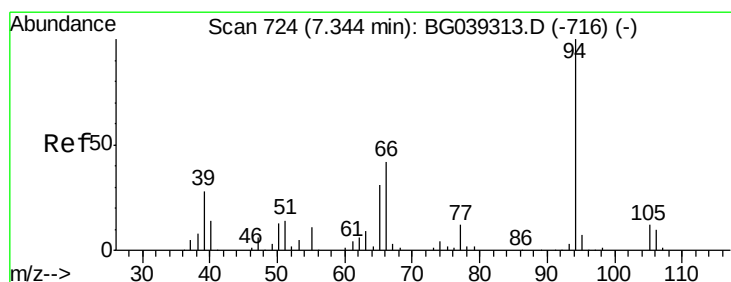
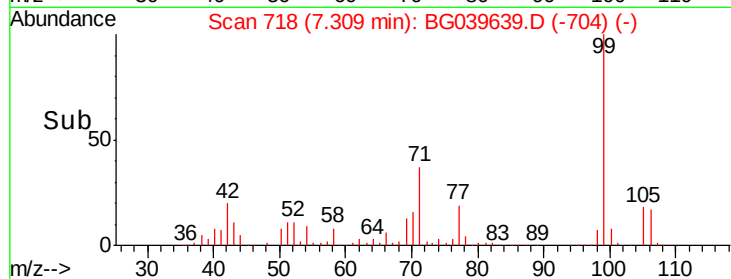
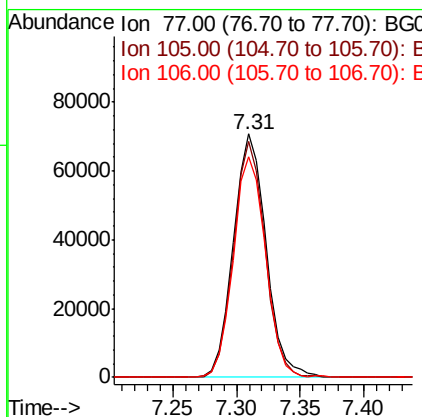
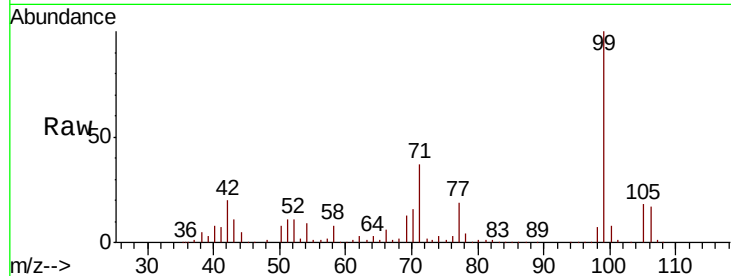
ClientSampleId :

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Tot Ion:	77	Resp:	126378
Ion Ratio	Lower	Upper	
77	100		
105	96.7	74.5	114.5
106	90.8	68.0	108.0

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#10

Phenol

Concen: 43.146 ng

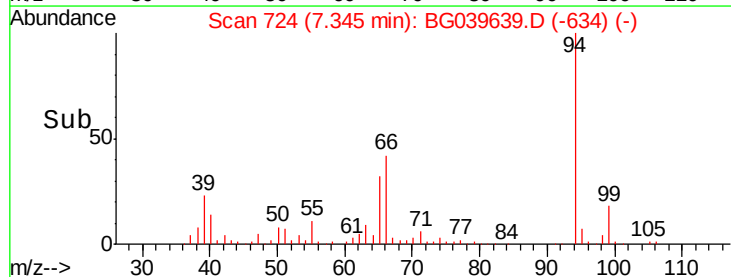
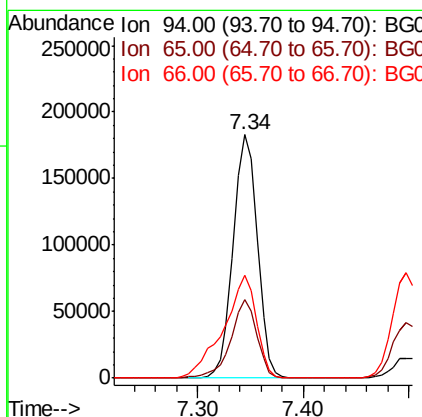
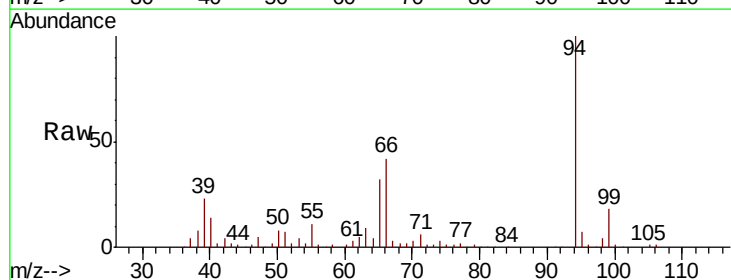
RT: 7.34 min Scan# 724

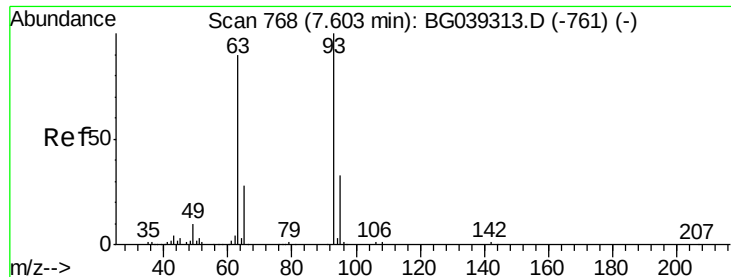
Delta R.T. 0.00 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Tgt Ion:	94	Resp:	289572
Ion Ratio	Lower	Upper	
94	100		
65	32.1	11.7	51.7
66	42.3	23.7	63.7





#11

bis(2-Chloroethyl)ether

Concen: 41.915 ng

RT: 7.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_G

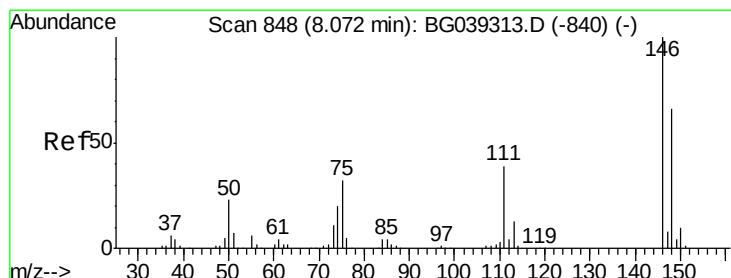
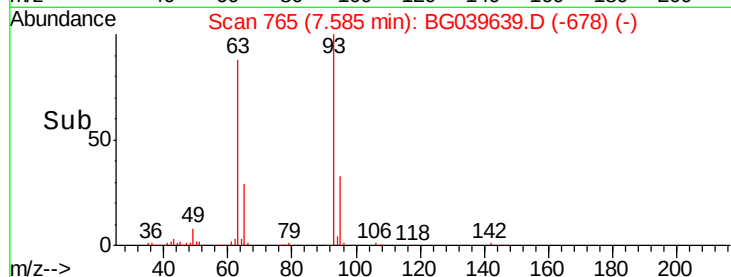
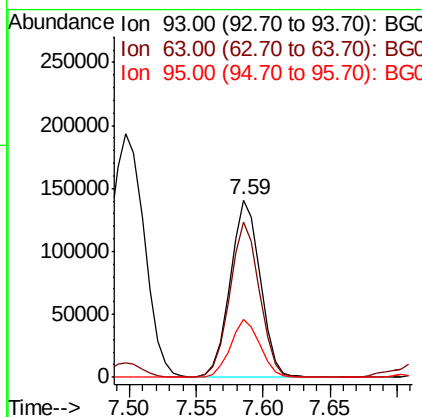
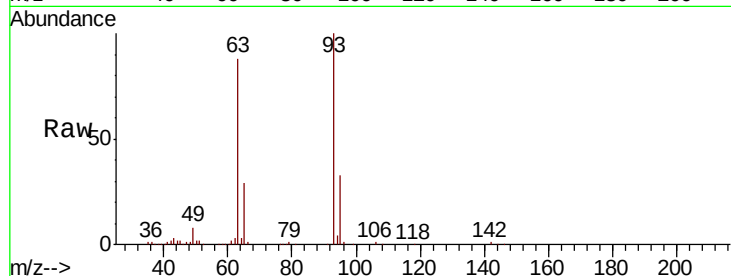
ClientSampled :

PB117428BSD

Tot Ion:	93	Resp:	222284
Ion Ratio	Lower	Upper	
93	100		
63	87.7	69.5	109.5
95	33.1	12.7	52.7

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 41.451 ng

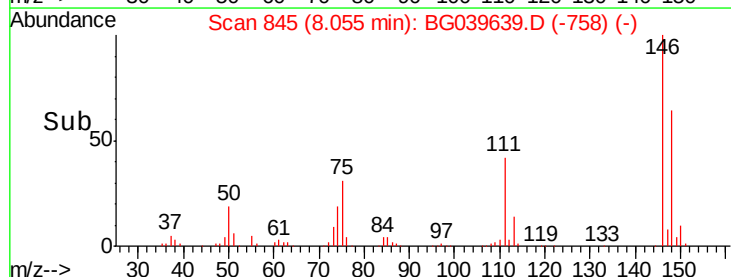
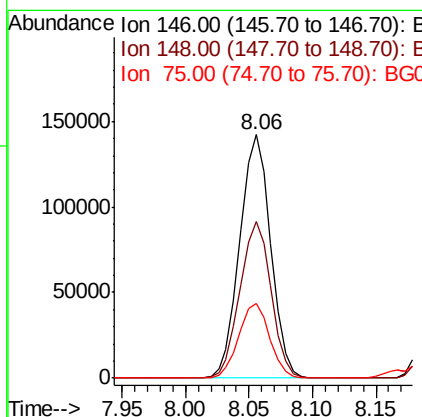
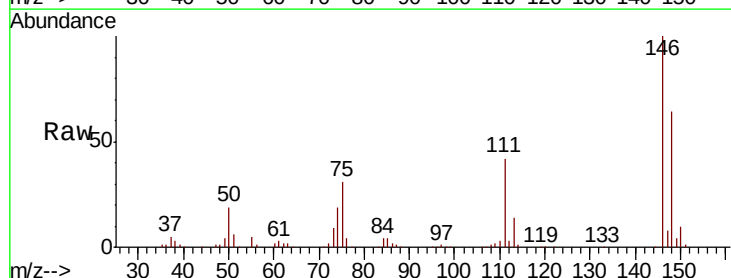
RT: 8.06 min Scan# 845

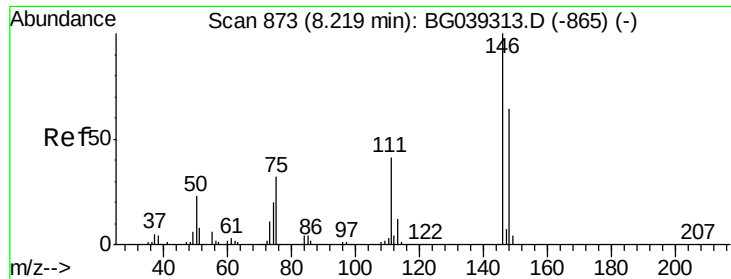
Delta R.T. -0.02 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Tgt Ion:	146	Resp:	240080
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.6	79.0
75	30.8	25.8	38.6





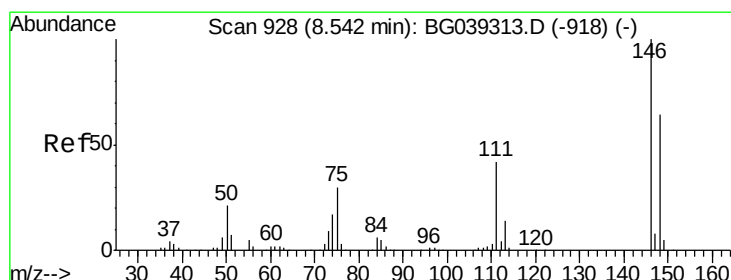
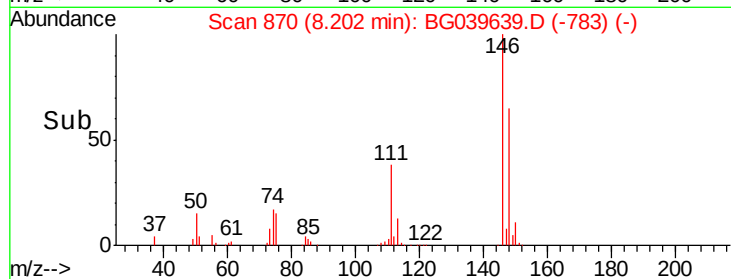
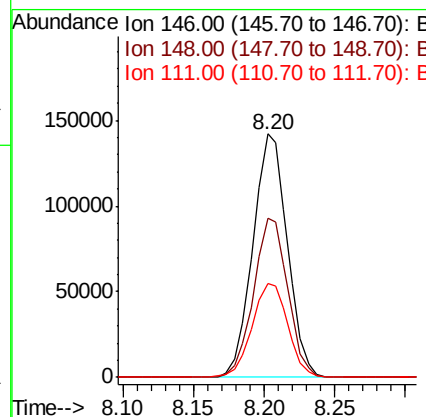
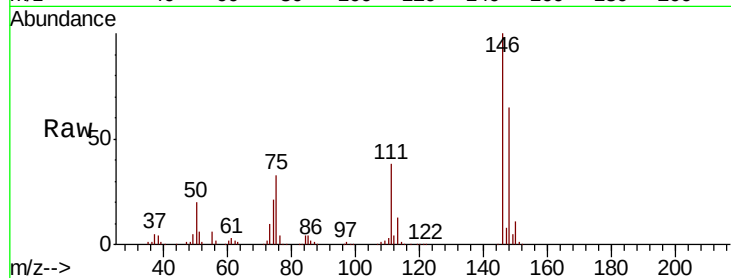
#13
 1,4-Dichlorobenzene
 Concen: 42.150 ng
 RT: 8.20 min Scan# 870
 Delta R.T. -0.02 min
 Lab File: BG039639.D
 Acq: 27 Feb 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.1	76.7
111	38.4	32.6	48.8

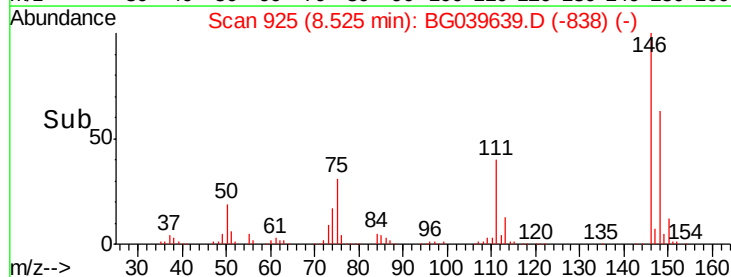
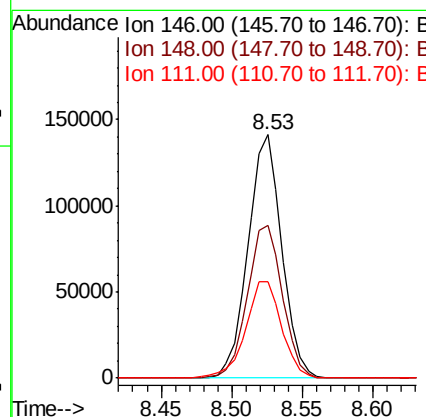
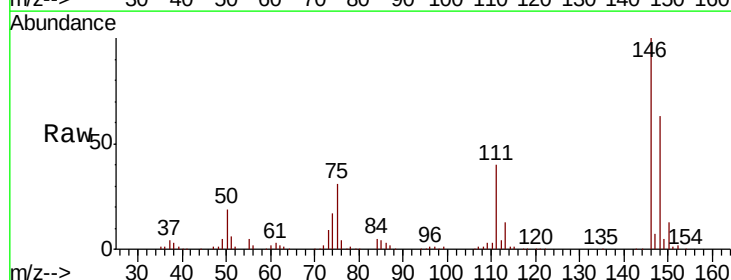
Manual Integrations
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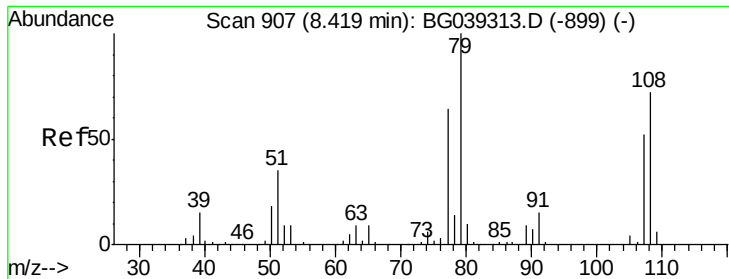
Sohil
 2/28/2019 1:32:06 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.207 ng
 RT: 8.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG039639.D
 Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.5	77.3
111	39.7	33.8	50.6





#15

Benzyl Alcohol

Concen: 43.357 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_G

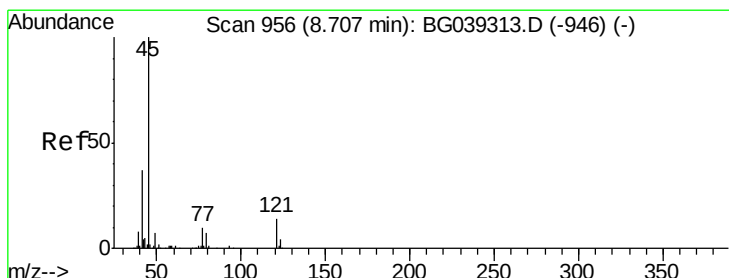
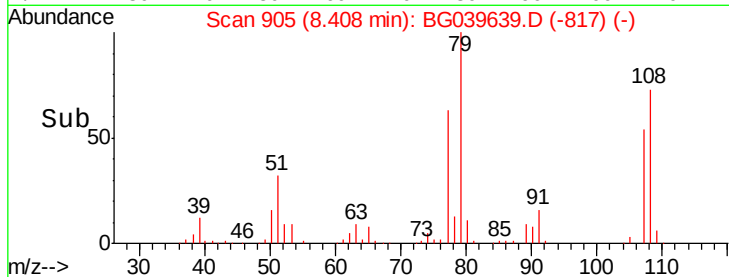
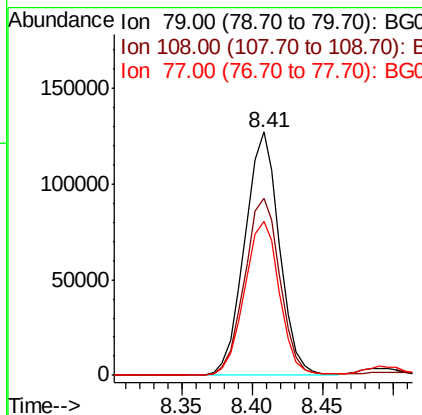
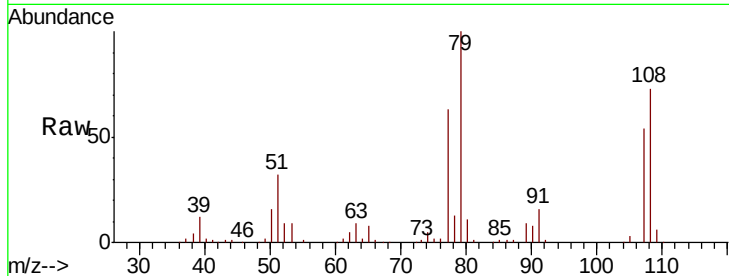
ClientSampleId :

PB117428BSD

Tot Ion:	79	Resp:	219152
Ion Ratio	Lower	Upper	
79	100		
108	72.8	57.8	86.6
77	63.4	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.545 ng

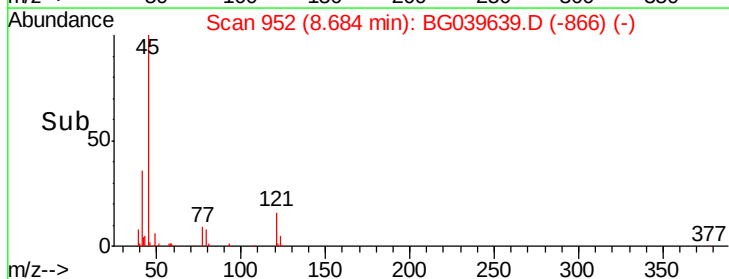
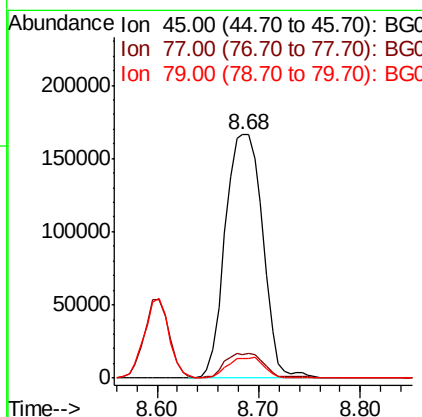
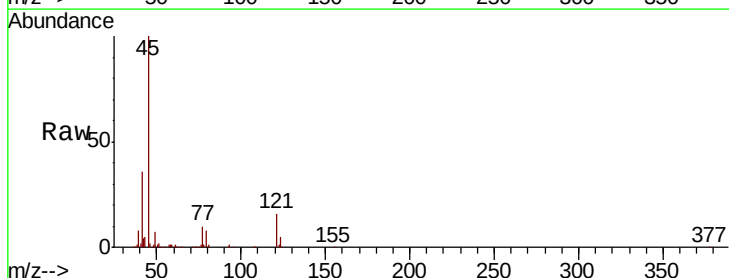
RT: 8.68 min Scan# 952

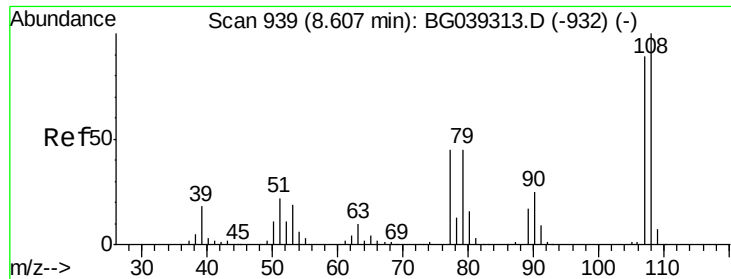
Delta R.T. -0.02 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Tgt Ion:	45	Resp:	425692
Ion Ratio	Lower	Upper	
45	100		
77	9.7	0.0	30.0
79	8.2	0.0	27.5





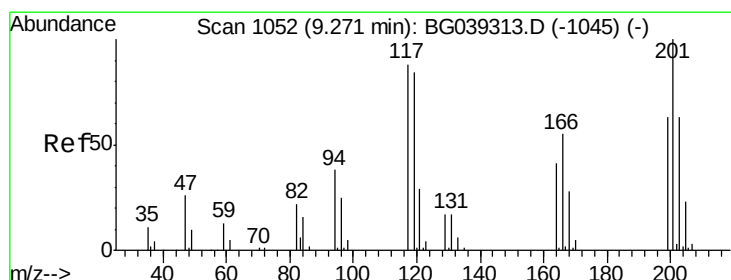
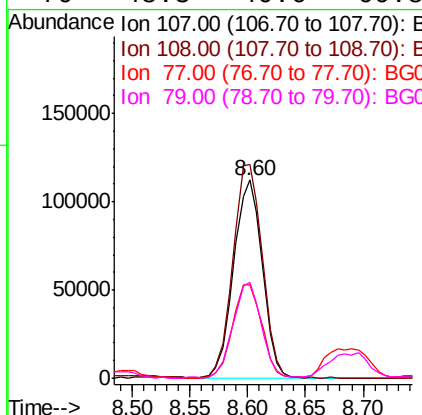
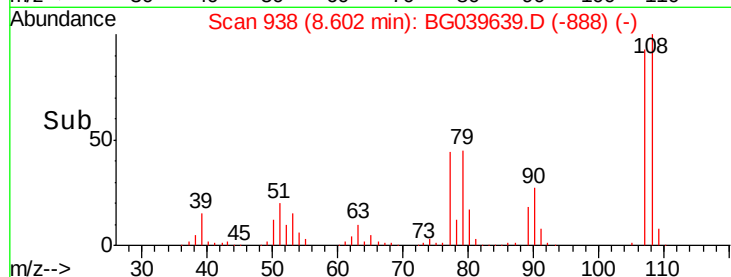
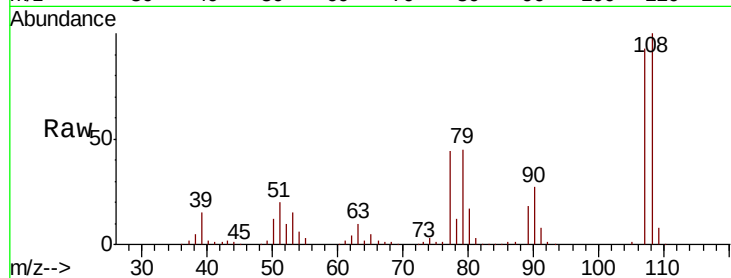
#17
2-Methylphenol
Concen: 44.711 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.8	90.8	136.2	
77	47.4	40.7	61.1	
79	48.3	40.6	60.8	

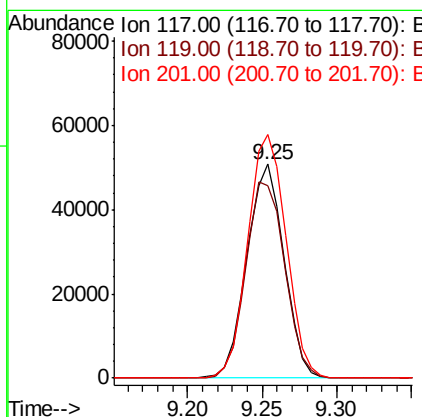
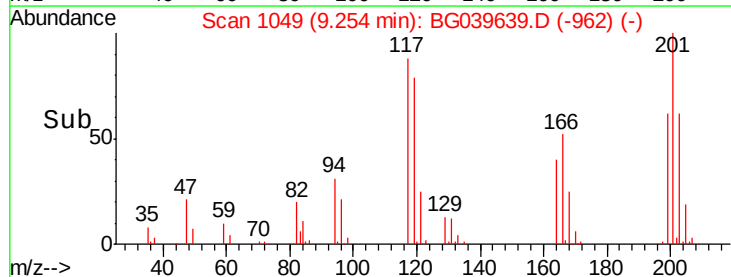
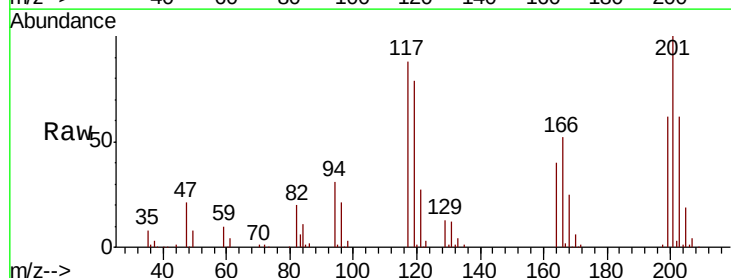
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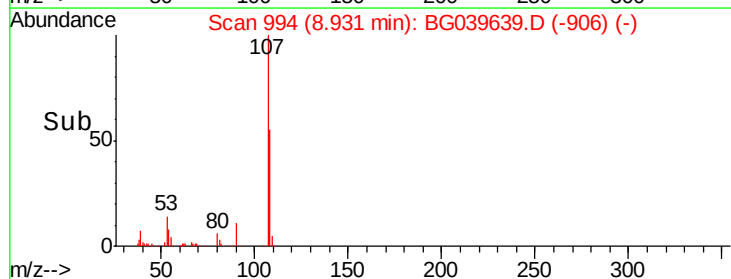
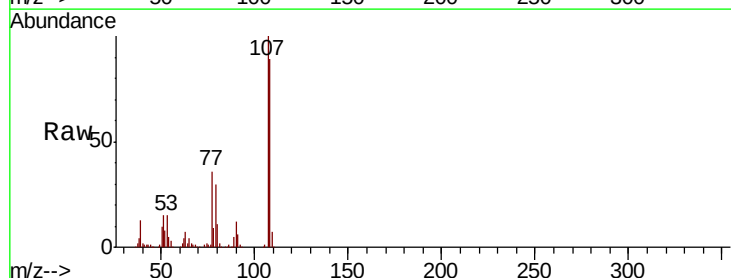
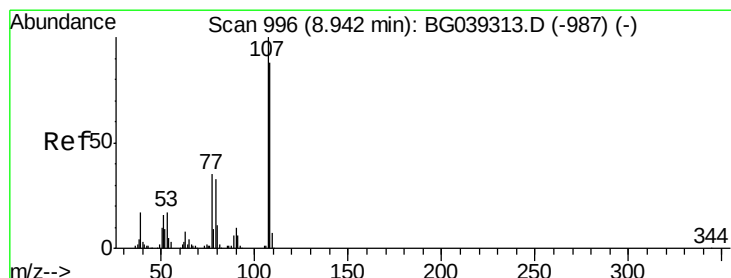
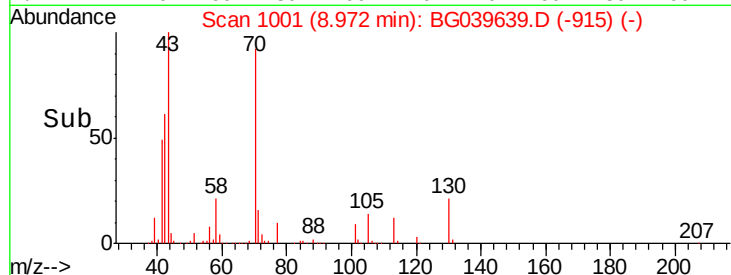
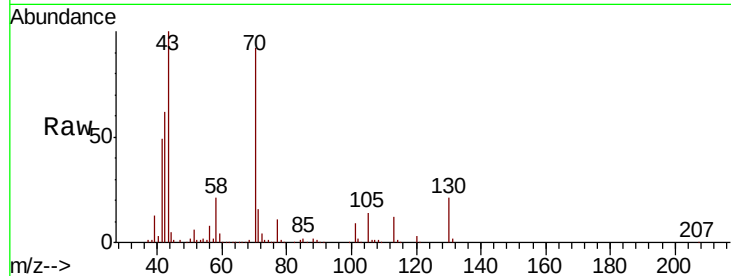
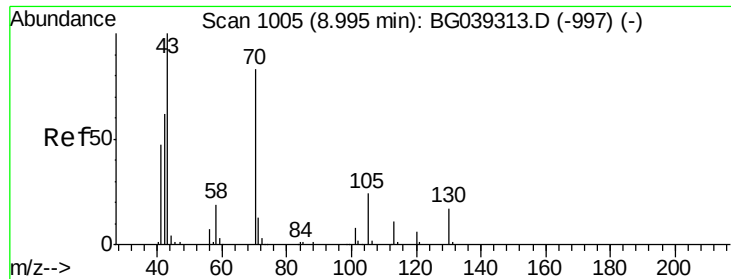
Sohil
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#18
Hexachloroethane
Concen: 43.990 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	89.8	76.3	114.5	
201	113.8	91.1	136.7	





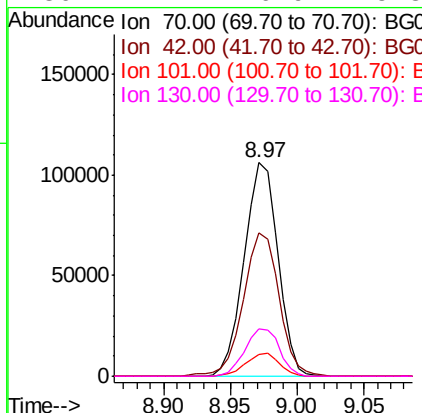
#19
n-Nitroso-di-n-propylamine
Concen: 40.724 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.9	60.4	90.6	
101	10.1	7.5	11.3	
130	22.4	16.9	25.3	

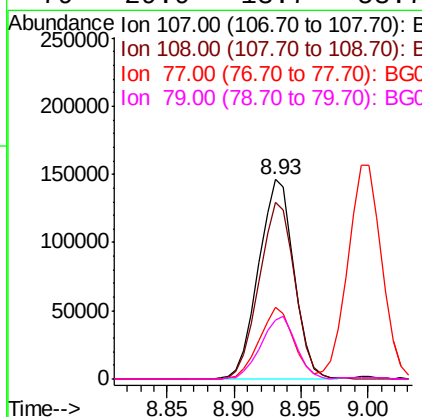
Manual Integrations
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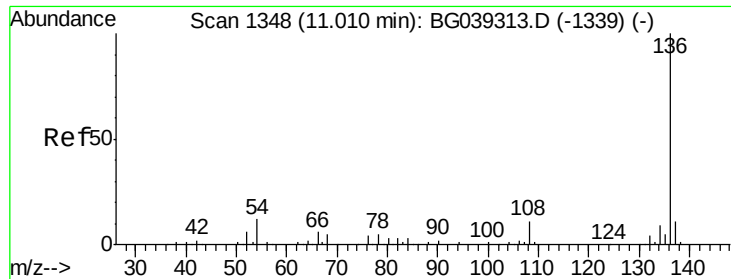
Sohil
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#20
3+4-Methylphenols
Concen: 44.832 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	67.9	107.9	
77	36.2	15.4	55.4	
79	29.9	13.7	53.7	





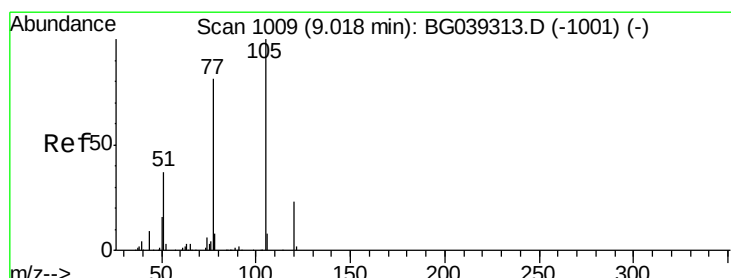
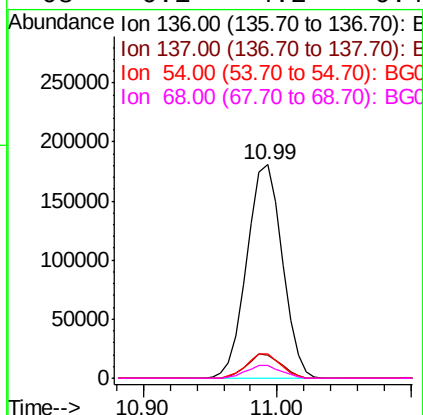
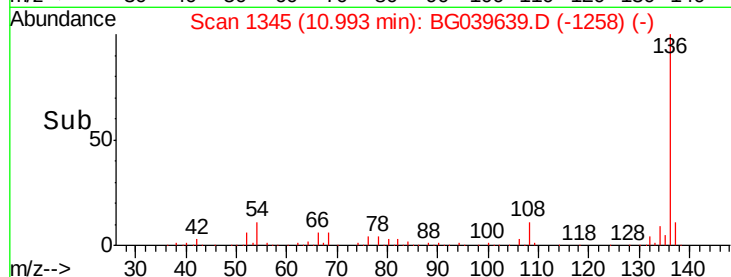
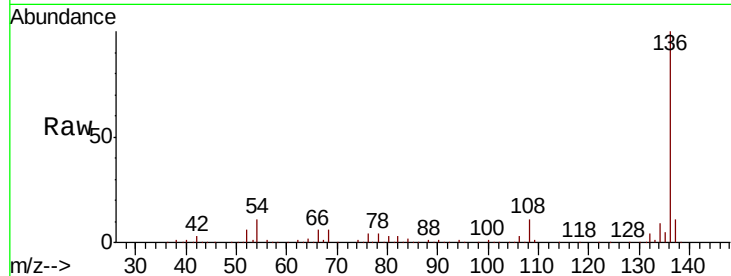
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	331466		
137	11.0		9.1	13.7
54	11.3		9.4	14.2
68	6.1		4.2	6.4

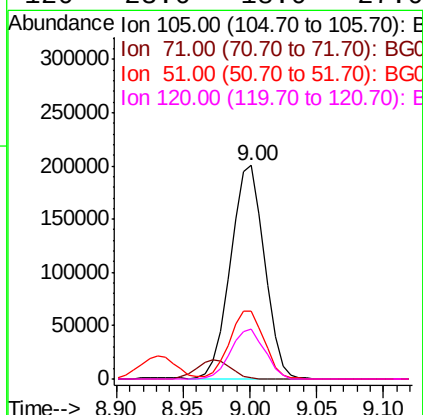
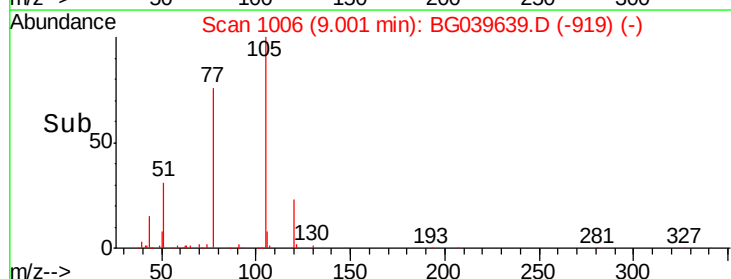
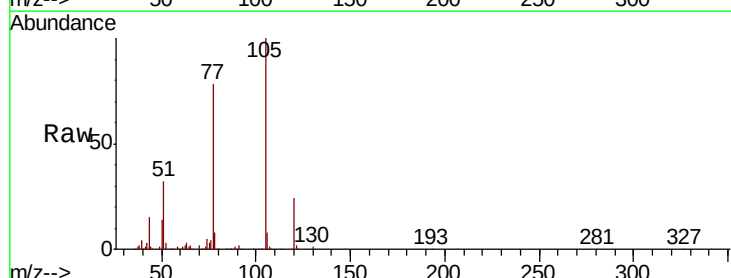
Manual Integrations
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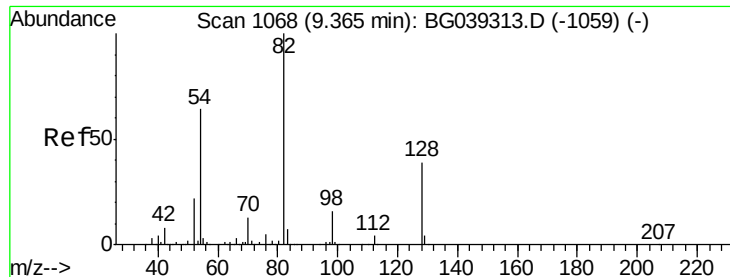
Sohil
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#22
Acetophenone
Concen: 39.850 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	354813		
71	0.4		0.8	1.2#
51	31.8		30.2	45.2
120	23.6		18.0	27.0





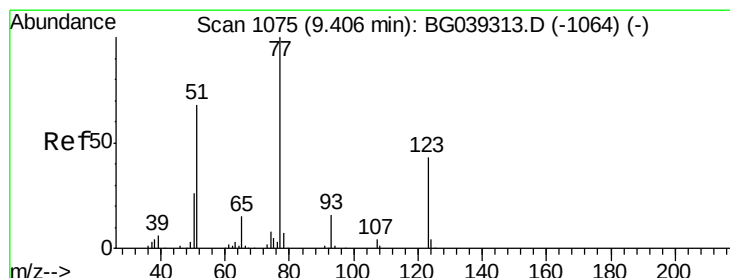
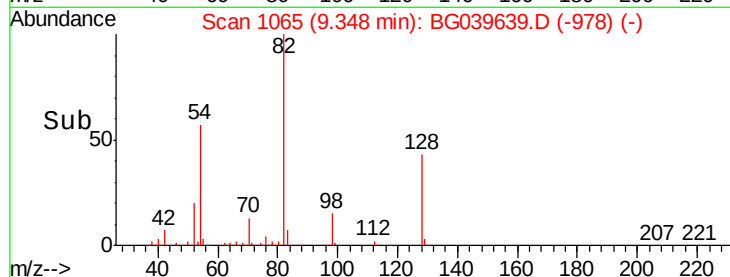
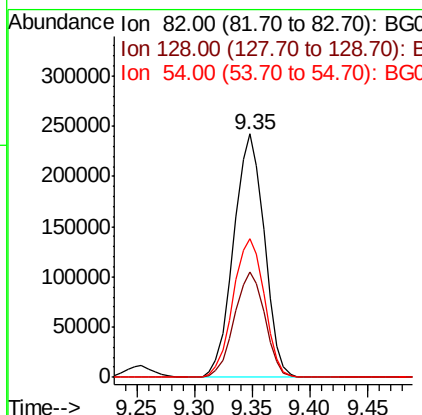
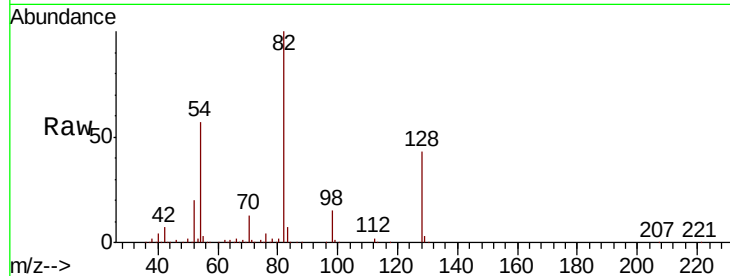
#23
 Nitrobenzene-d5
 Concen: 84.129 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039639.D
 Acq: 27 Feb 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	31.3	46.9
54	57.2	50.9	76.3

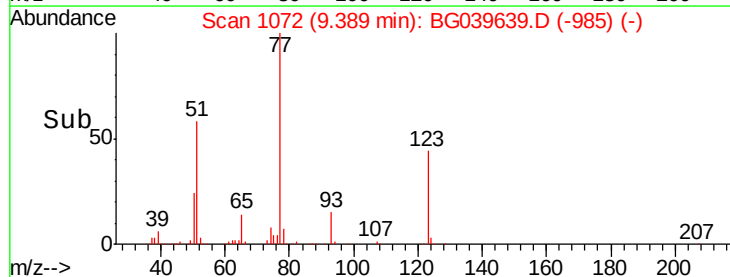
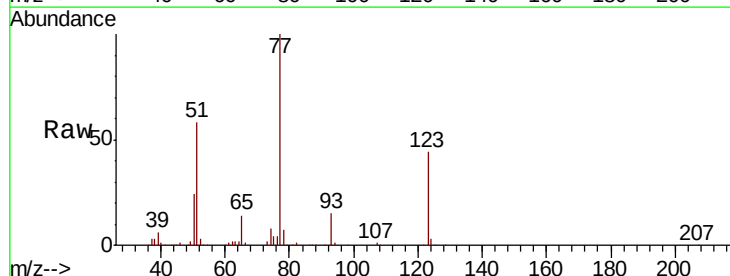
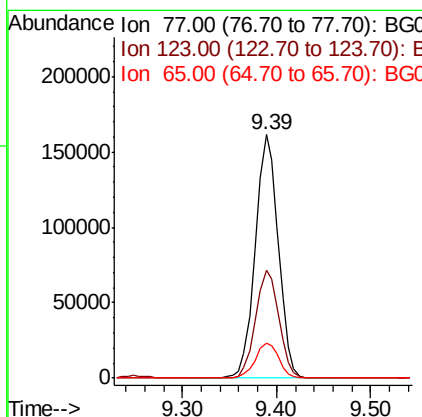
Manual Integrations
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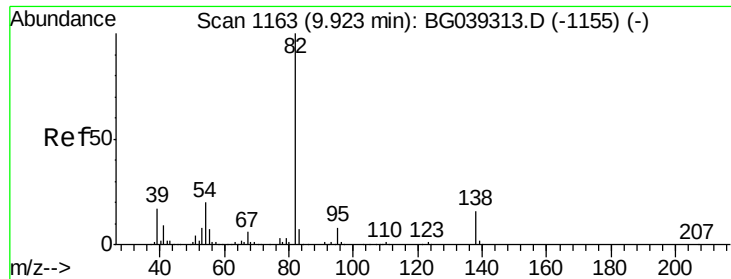
Sohil
 2/28/2019 1:32:06 PM



#24
 Nitrobenzene
 Concen: 47.649 ng
 RT: 9.39 min Scan# 1072
 Delta R.T. -0.02 min
 Lab File: BG039639.D
 Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.2	34.1	51.1
65	14.3	12.3	18.5





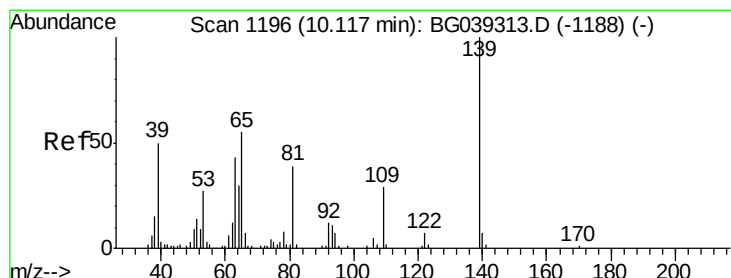
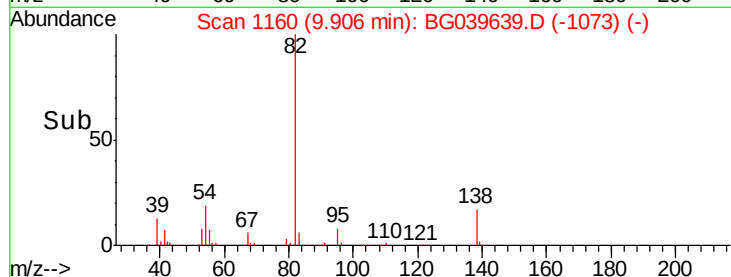
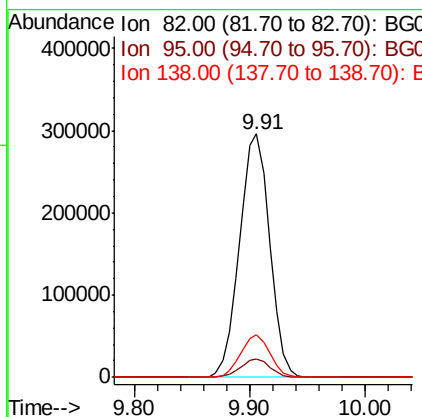
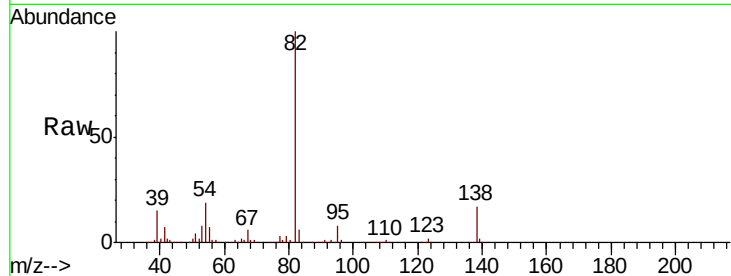
#25
Isophorone
Concen: 45.567 ng
RT: 9.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	535769		
95	7.7		6.2	9.2
138	17.3		13.0	19.4

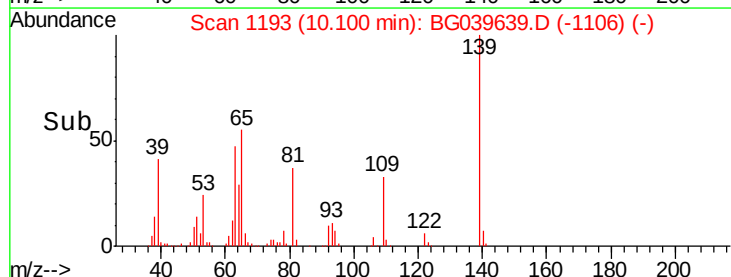
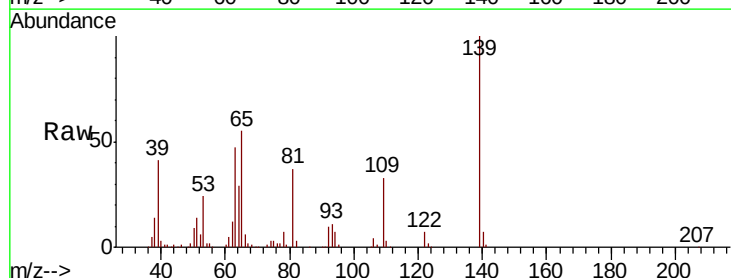
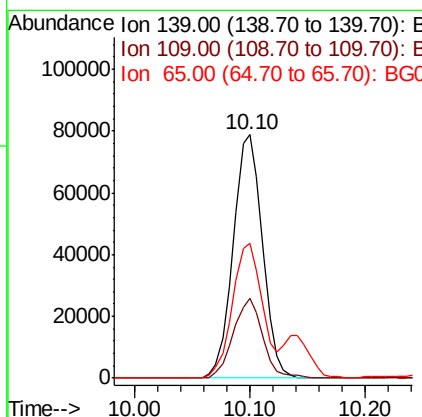
Manual Integrations
APPROVED

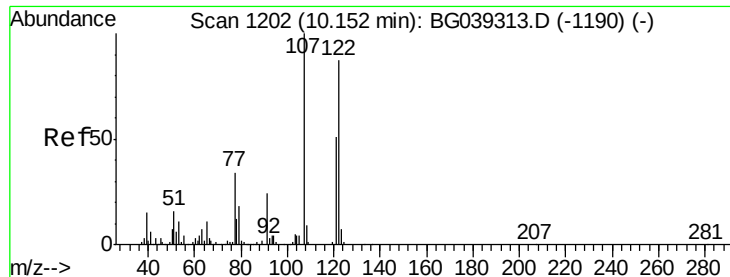
Sohil
2/28/2019 1:32:06 PM



#26
2-Nitrophenol
Concen: 57.671 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	138015		
109	32.6		23.4	35.0
65	55.3		44.3	66.5





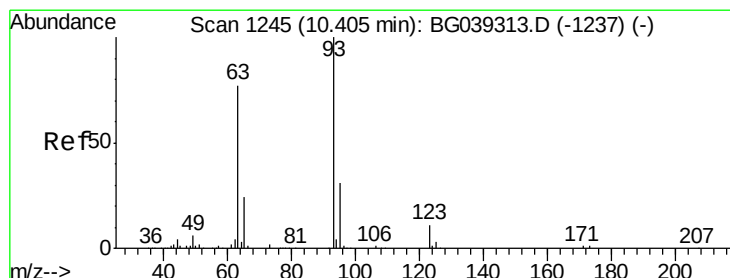
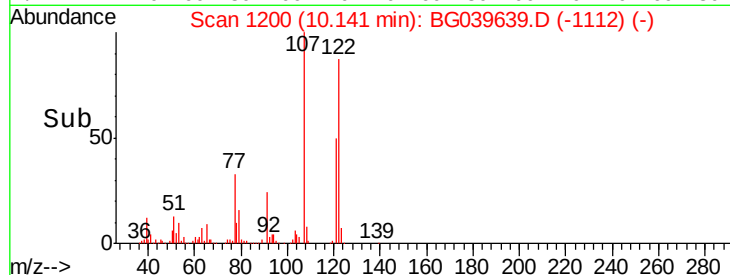
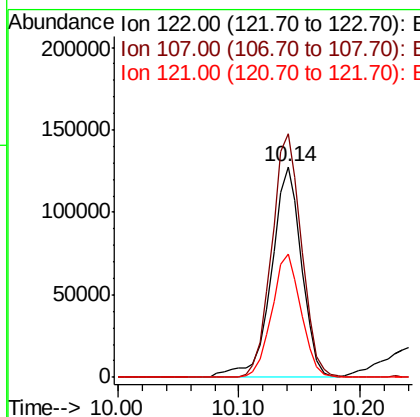
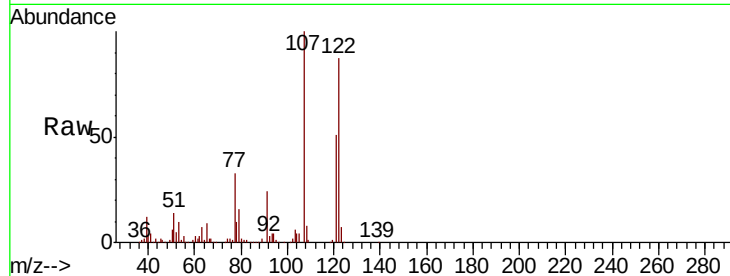
#27
 2,4-Dimethylphenol
 Concen: 46.359 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BG039639.D
 Acq: 27 Feb 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	220496		
107	115.6	91.7	137.5	
121	58.8	46.4	69.6	

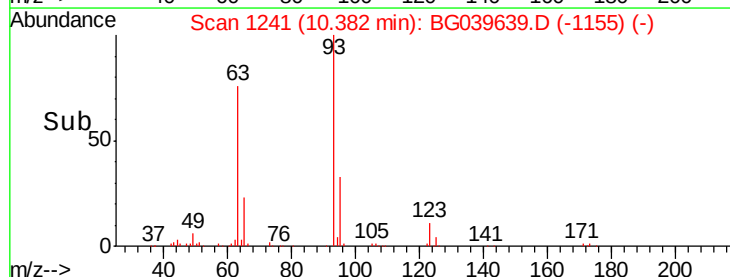
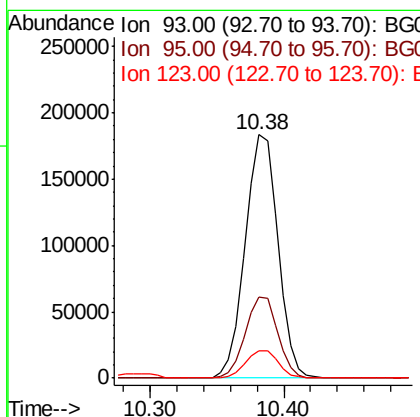
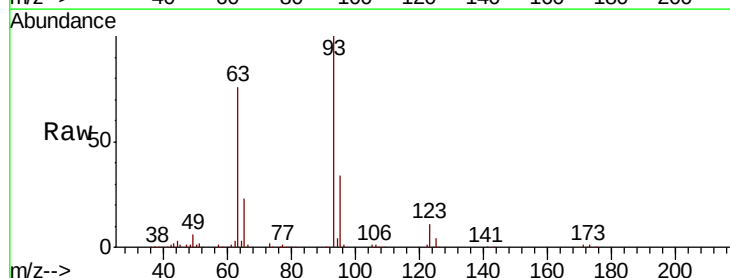
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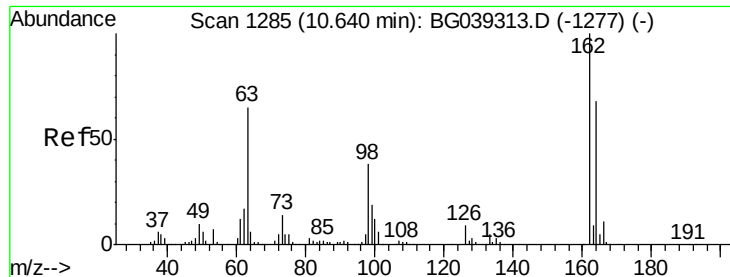
Sohil
 2/28/2019 1:32:06 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.769 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: BG039639.D
 Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	309737		
95	33.5	25.0	37.4	
123	11.4	8.6	12.8	





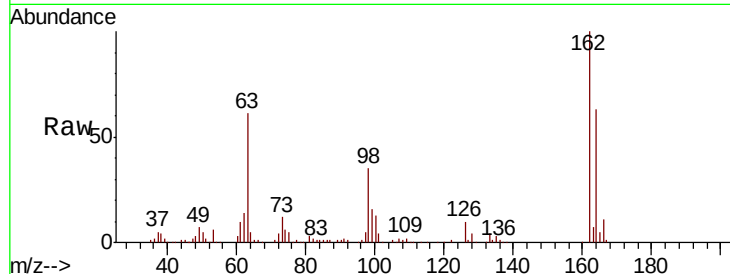
#29
 2,4-Dichlorophenol
 Concen: 46.754 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG039639.D
 Acq: 27 Feb 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	48.1	88.1
98	35.3	18.1	58.1

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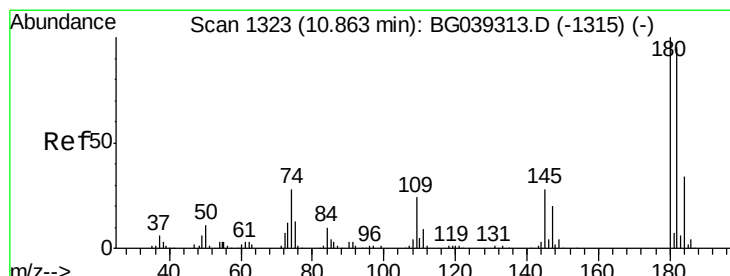
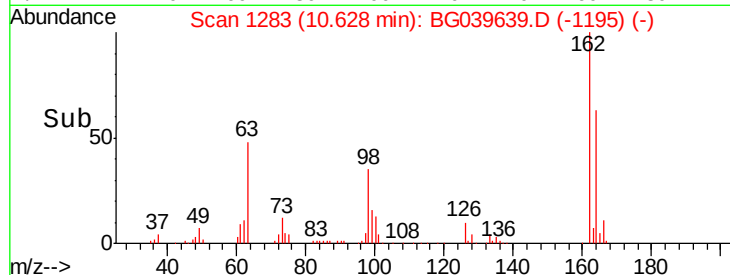
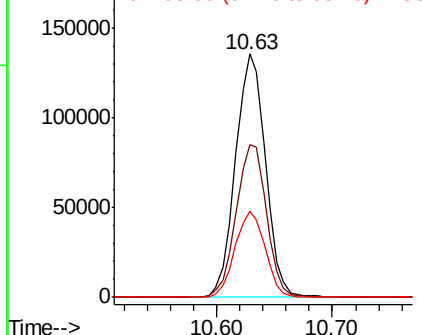


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 44.744 ng
 RT: 10.85 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BG039639.D
 Acq: 27 Feb 2019 17:57

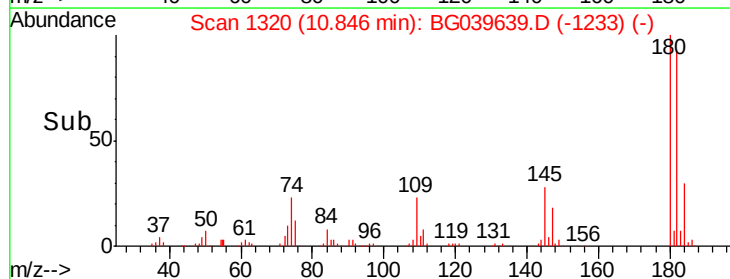
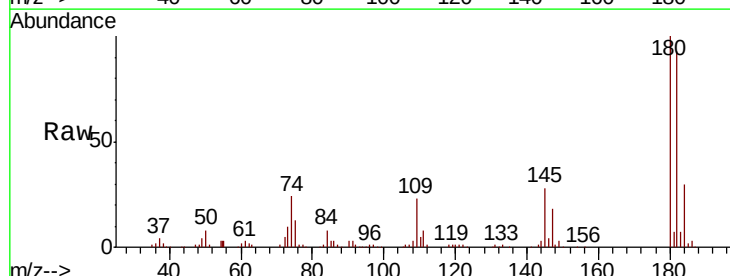
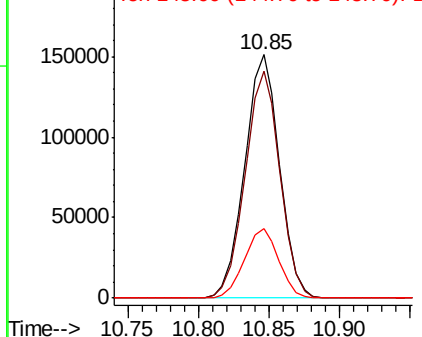
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.0	114.0
145	28.4	22.7	34.1

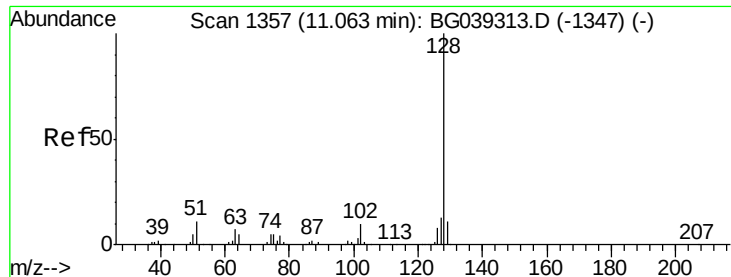
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





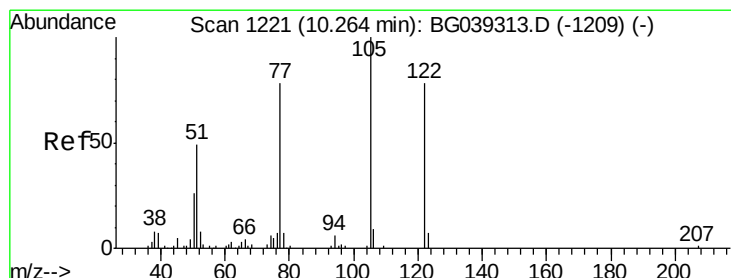
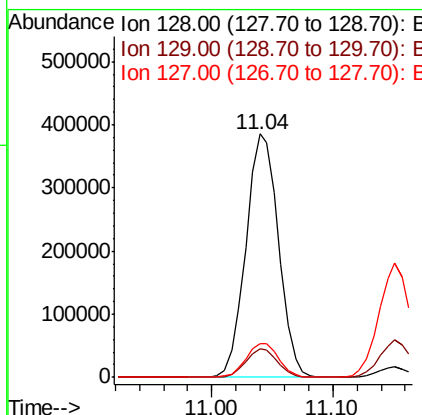
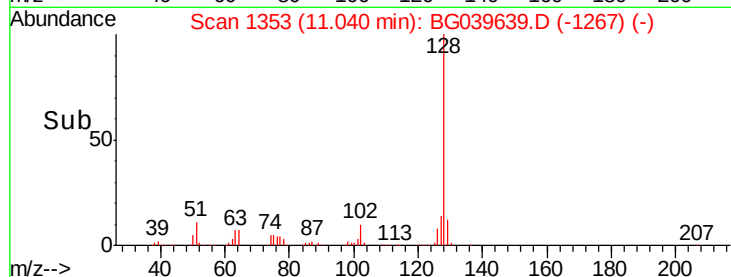
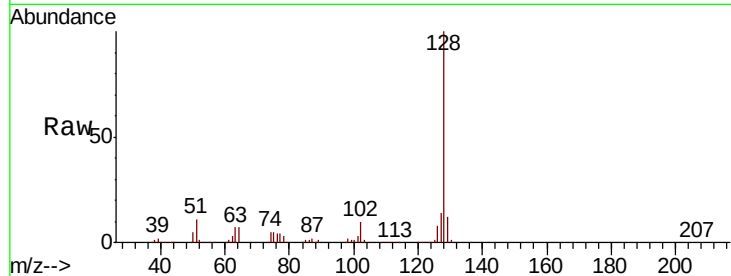
#31
Naphthalene
Concen: 43.899 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_G
ClientSampled :
PB117428BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.7	13.1
127	13.8	10.8	16.2

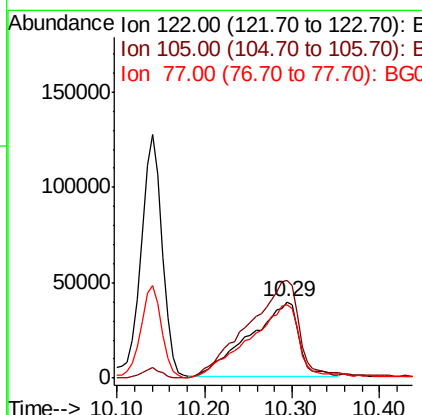
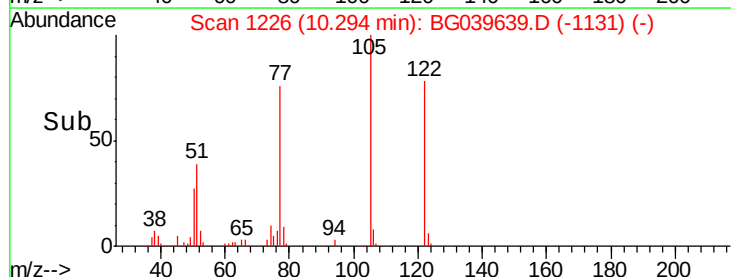
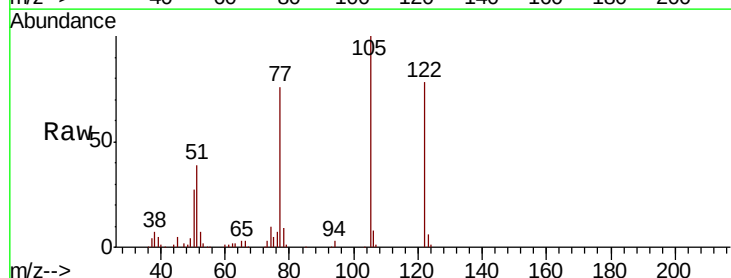
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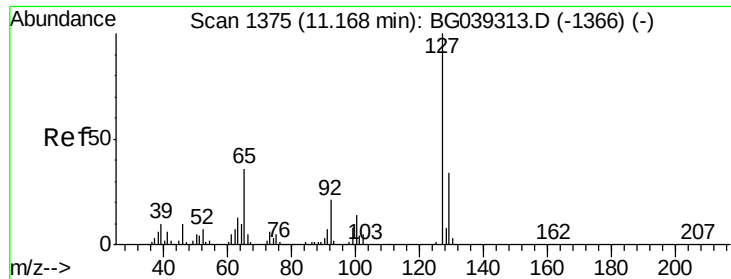
Sohil
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#32
Benzoic acid
Concen: 49.478 ng
RT: 10.29 min Scan# 1226
Delta R.T. 0.03 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	101.8	141.8
77	96.7	76.3	116.3





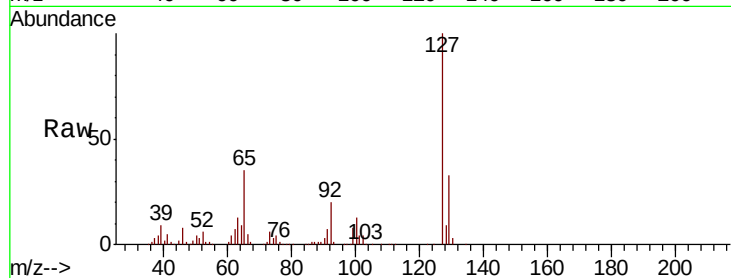
#33
4-Chloroaniline
Concen: 42.674 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_G
ClientSampled :
PB117428BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	27.0	40.4	
65	35.5	28.8	43.2	
92	19.6	16.6	25.0	

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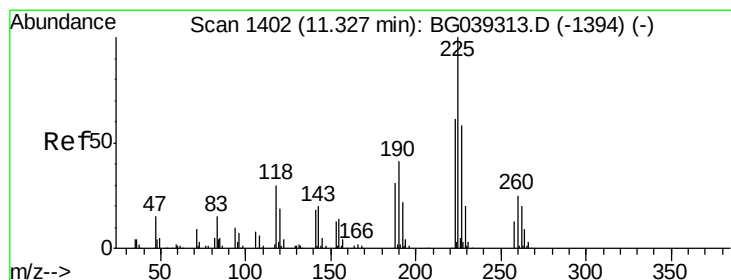
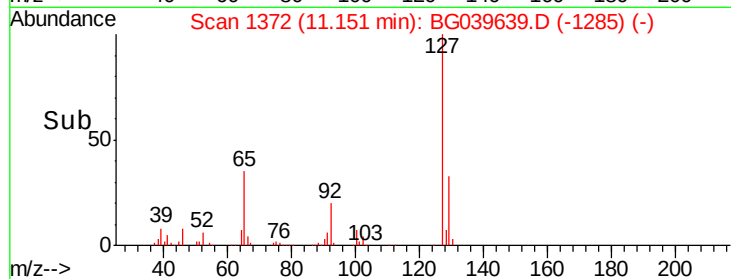
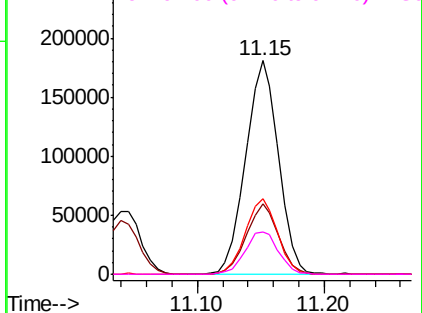
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 42.437 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

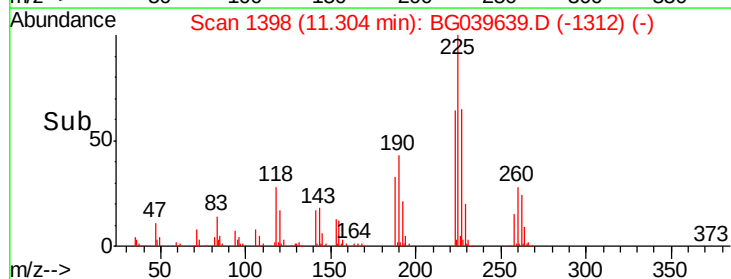
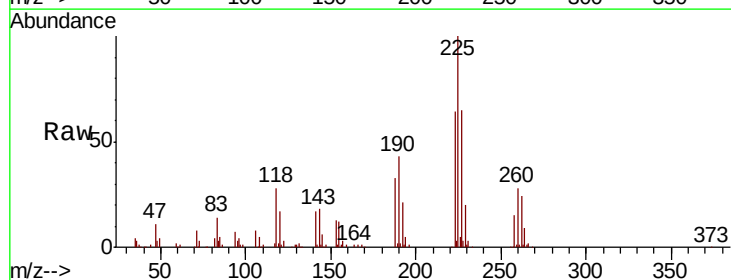
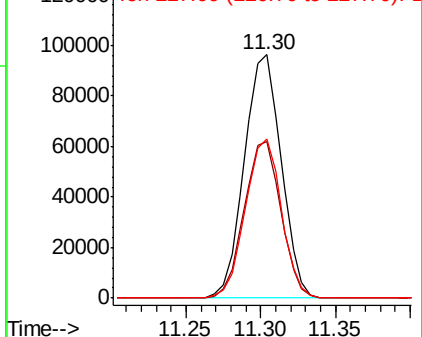
Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.2	49.0	73.6	
227	65.4	46.3	69.5	

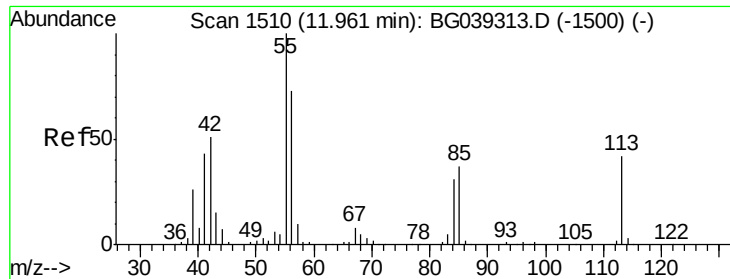
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.672 ng/ml

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

Tot Ion:113 Resp: 87490

Ion Ratio Lower Upper

113 100

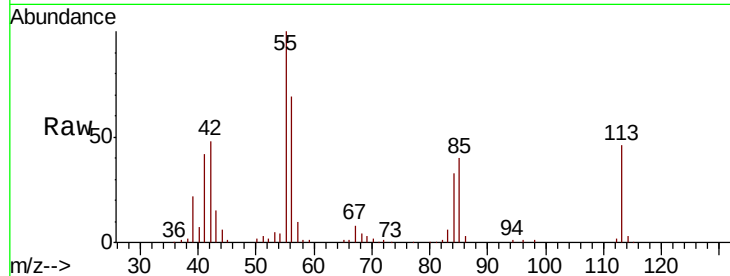
55 217.7 216.9 256.9

56 151.1 152.6 192.6#

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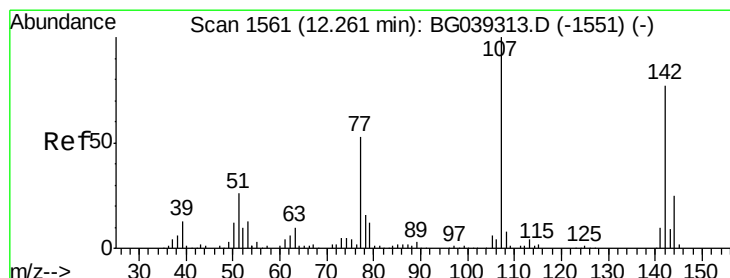
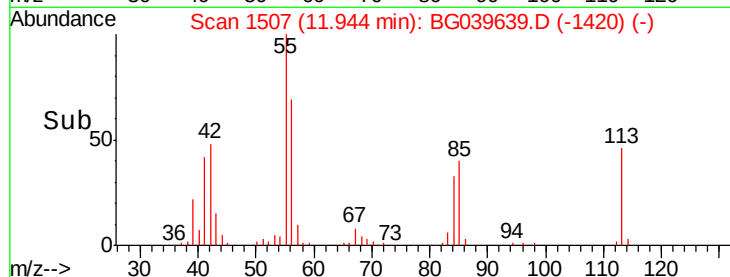
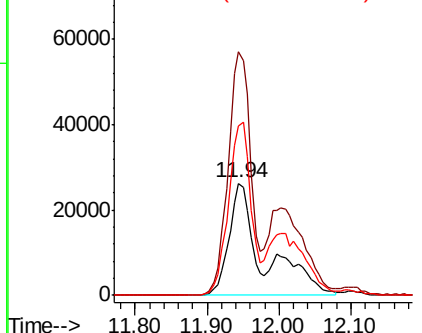
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039639.D (-1500) (-)

Ion 56.00 (55.70 to 56.70): BG039639.D (-1500) (-)



#36

4-Chloro-3-methylphenol

Concen: 43.730 ng/ml

RT: 12.25 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

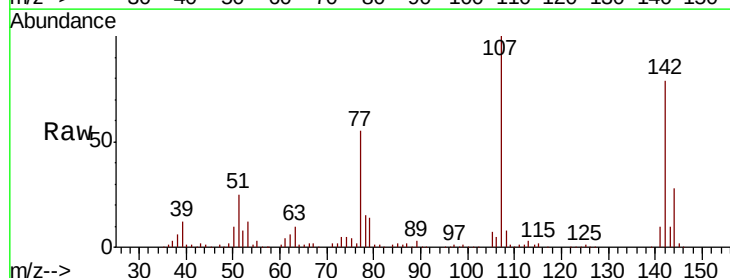
Tgt Ion:107 Resp: 262897

Ion Ratio Lower Upper

107 100

144 27.7 20.2 30.2

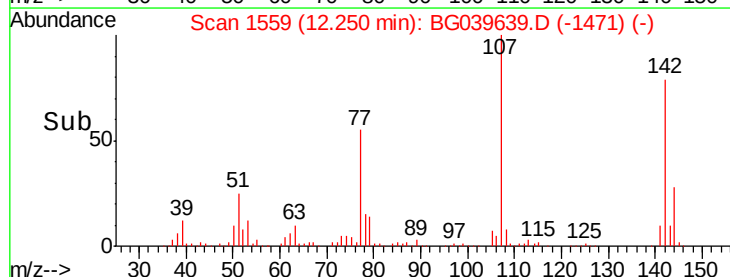
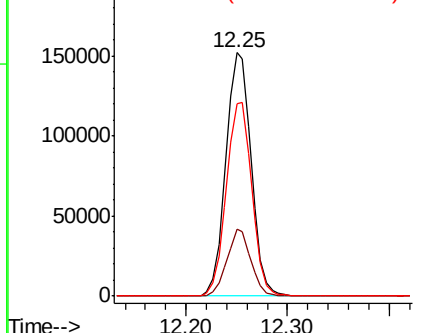
142 79.2 61.4 92.2

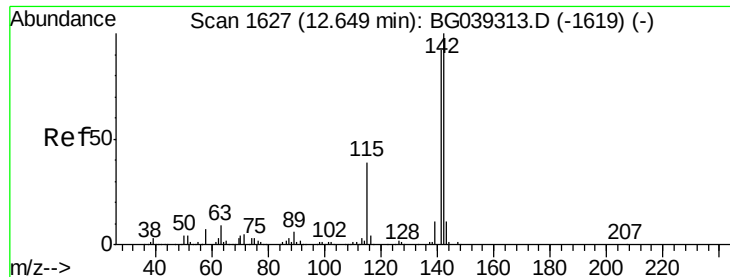


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





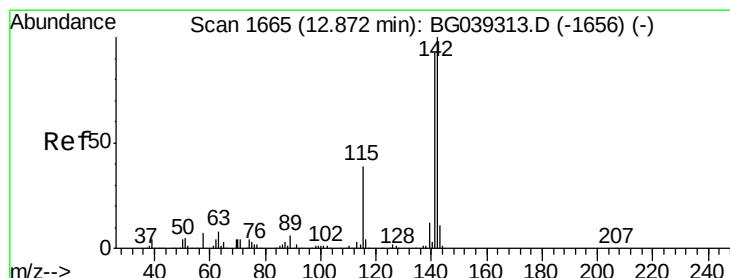
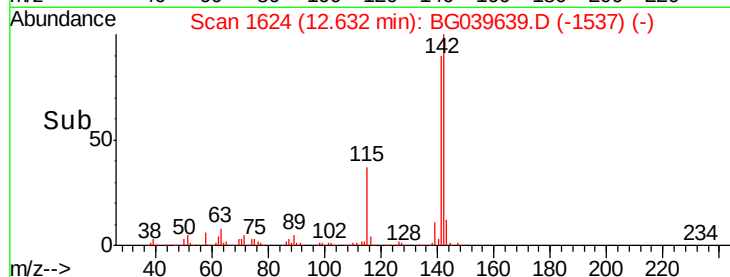
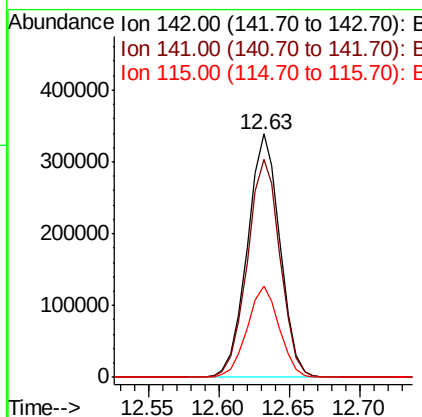
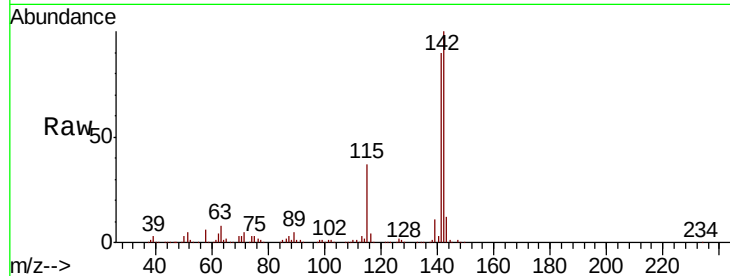
#37
2-Methylnaphthalene
Concen: 44.972 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.5	110.3
115	37.3	30.8	46.2

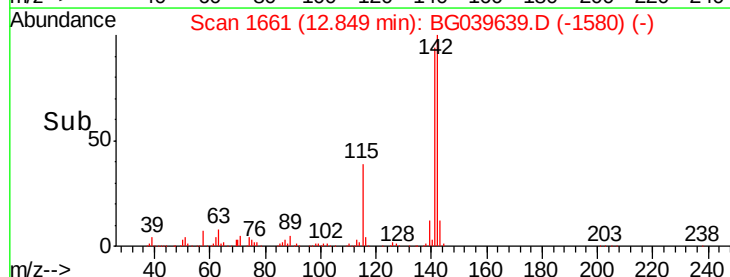
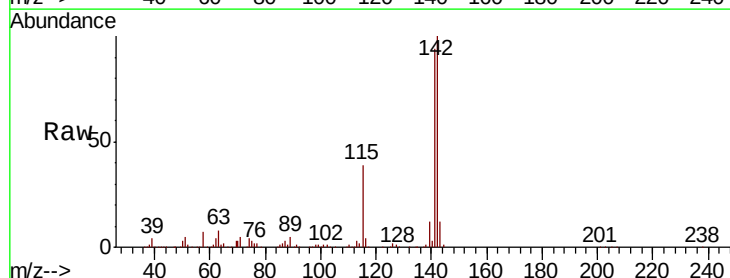
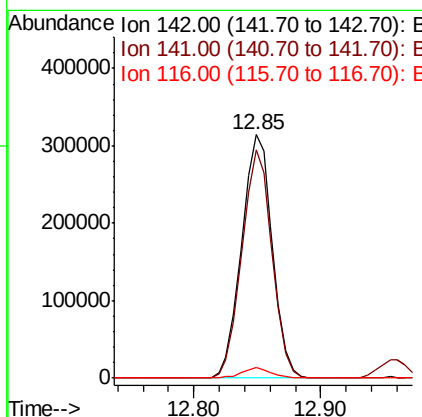
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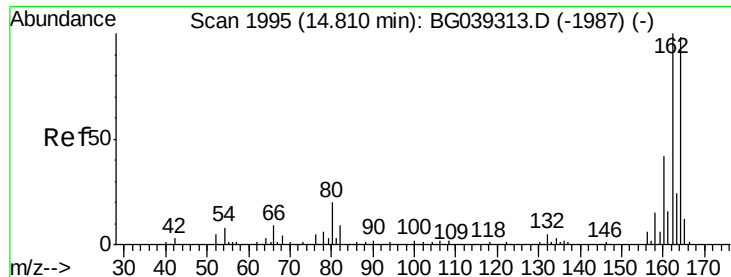
Sohil
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#38
1-Methylnaphthalene
Concen: 44.712 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.2	111.4
116	4.3	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_G

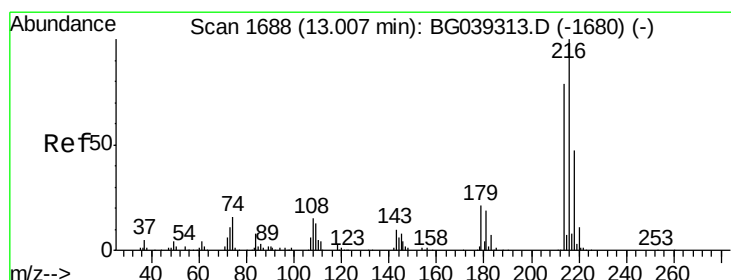
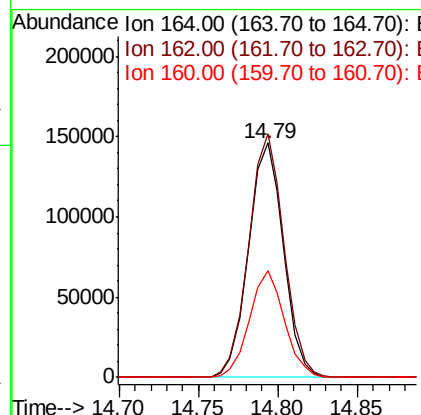
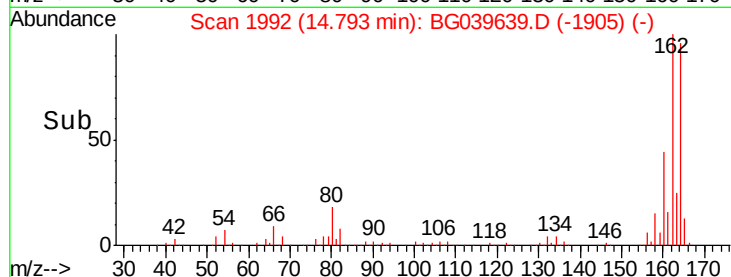
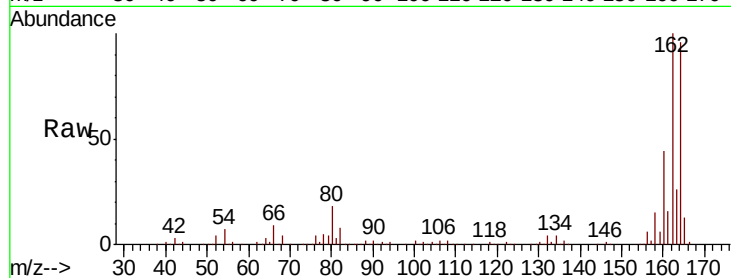
ClientSampleId :

PB117428BSD

Tot Ion:	164	Resp:	222585
Ion Ratio	Lower	Upper	
164	100		
162	103.9	81.6	122.4
160	45.6	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.100 ng

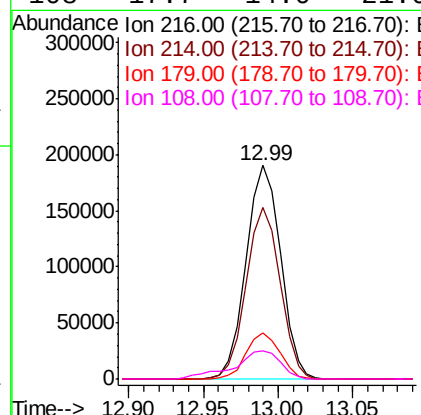
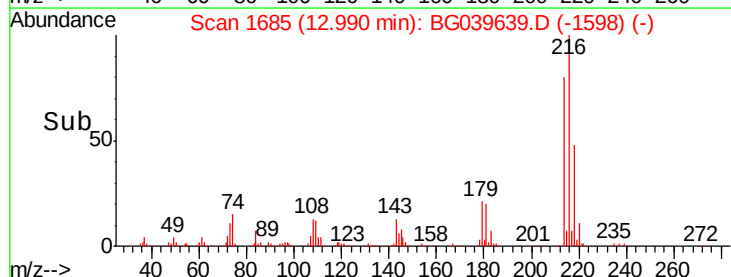
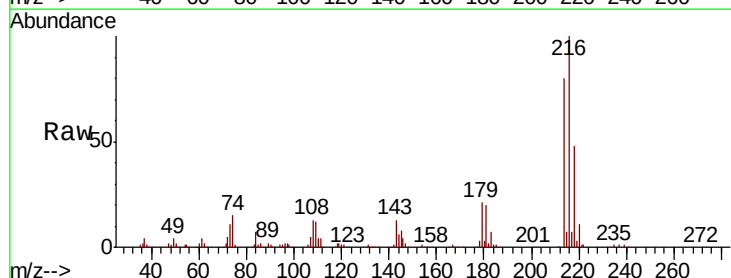
RT: 12.99 min Scan# 1685

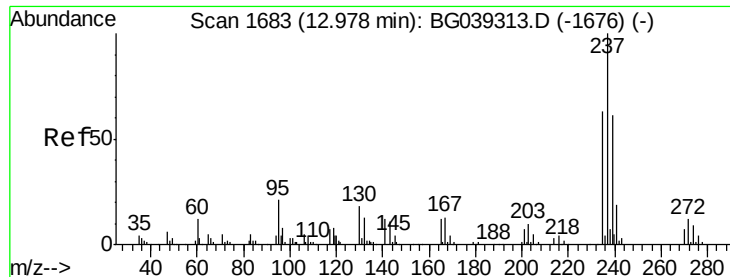
Delta R.T. -0.02 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Tgt Ion:	216	Resp:	305234
Ion Ratio	Lower	Upper	
216	100		
214	79.1	62.6	94.0
179	20.9	16.6	25.0
108	17.7	14.0	21.0





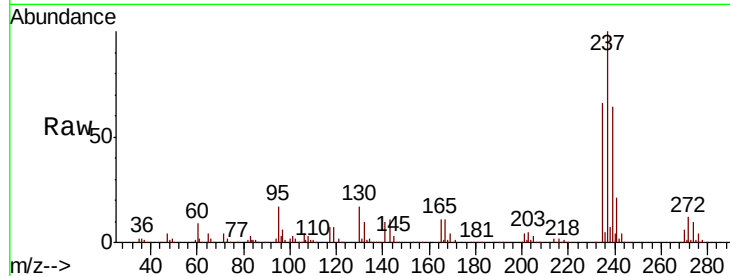
#41
Hexachlorocyclopentadiene
Concen: 96.567 ng
RT: 12.96 min Scan# 1680
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

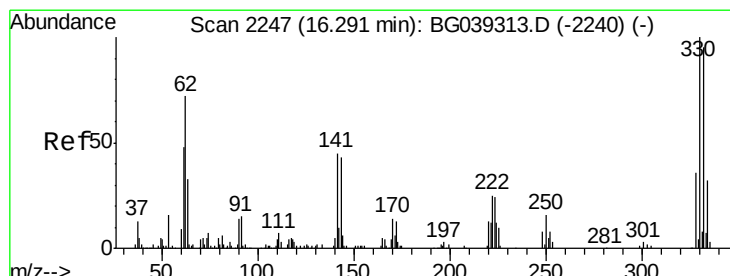
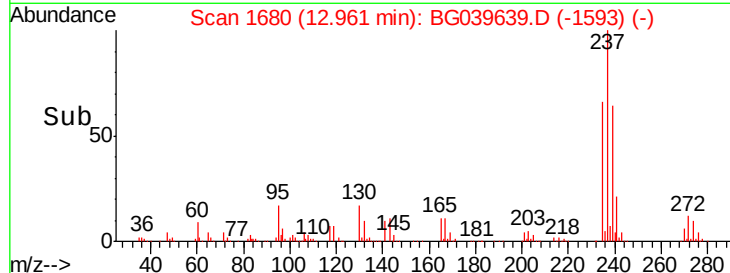
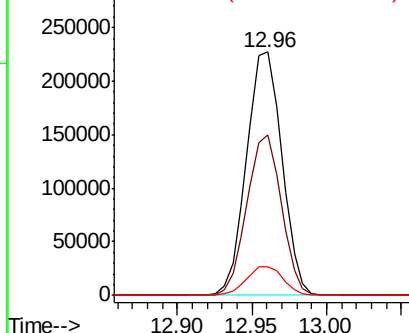
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	65.9	43.3	83.3
272	11.9	0.0	32.3

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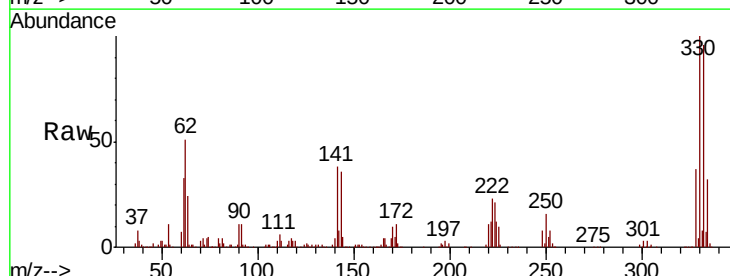


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

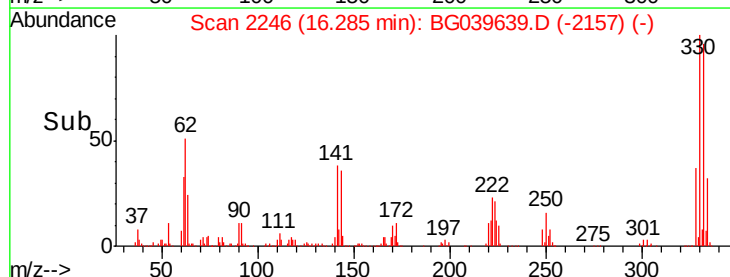
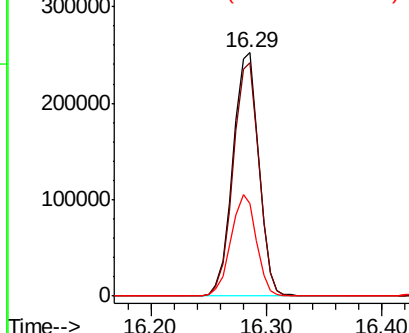


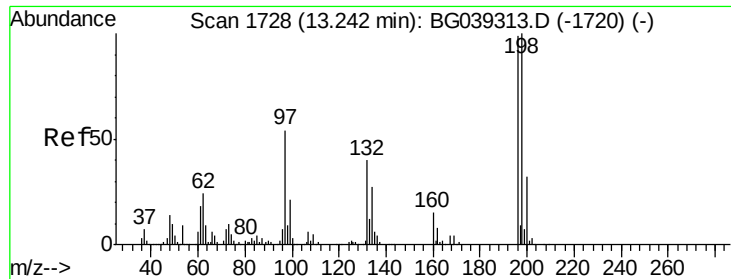
#42
2,4,6-Tribromophenol
Concen: 163.567 ng
RT: 16.29 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.8	75.7	113.5
141	40.8	35.6	53.4



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





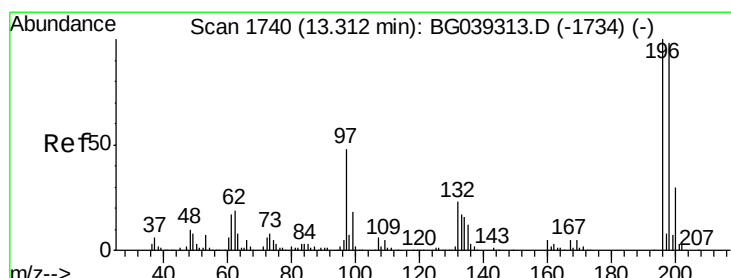
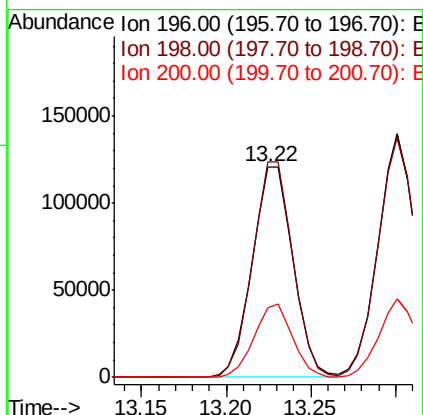
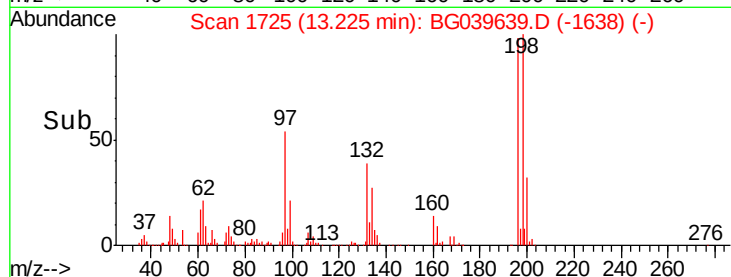
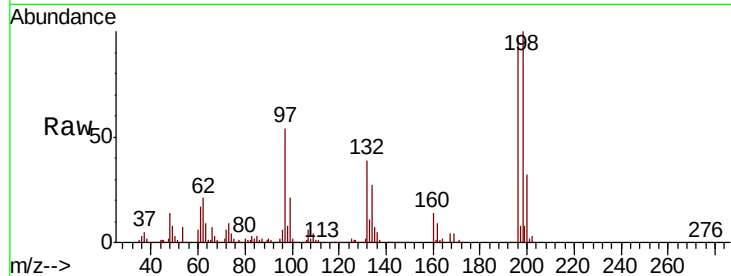
#43
2,4,6-Trichlorophenol
Concen: 46.576 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	202810		
198	102.3	80.6	121.0	
200	32.8	26.1	39.1	

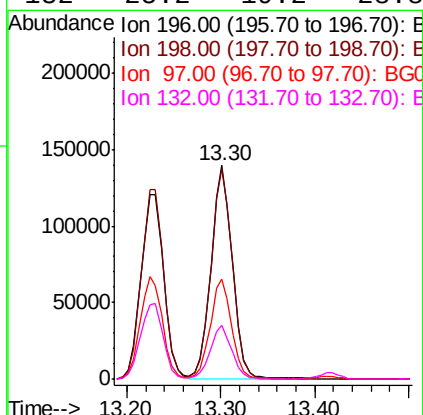
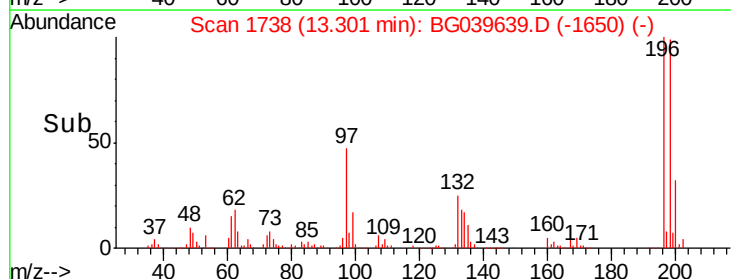
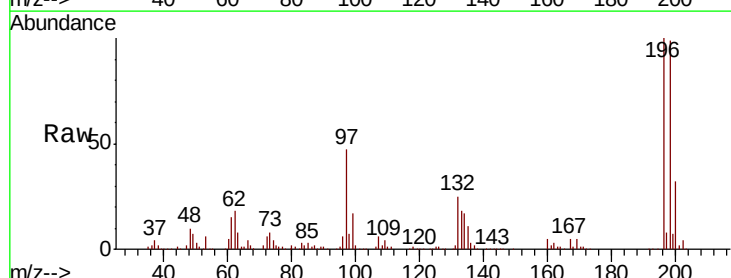
Manual Integrations
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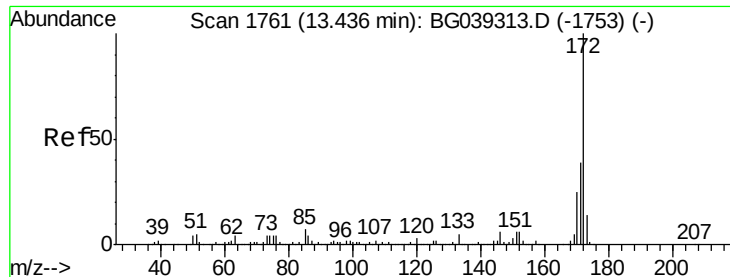
Sohil
2/28/2019 1:32:06 PM



#44
2,4,5-Trichlorophenol
Concen: 48.619 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	221885		
198	98.5	78.5	117.7	
97	46.5	38.4	57.6	
132	25.2	19.2	28.8	





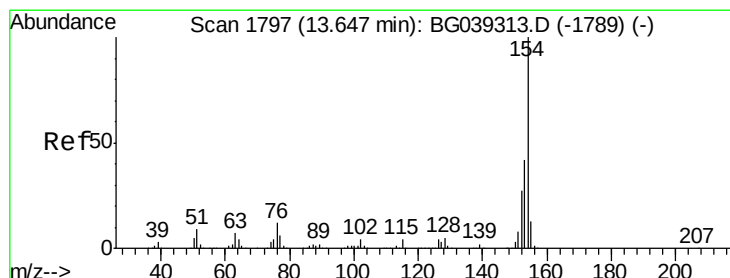
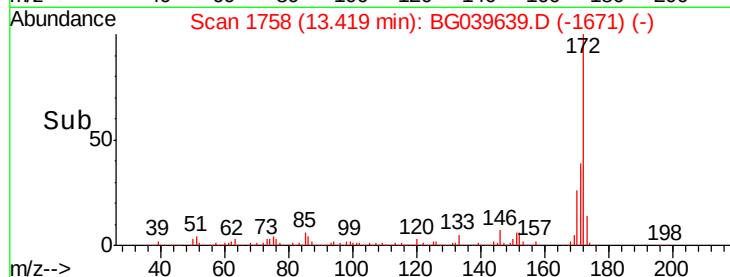
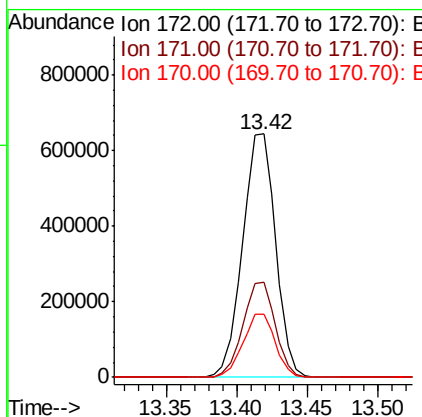
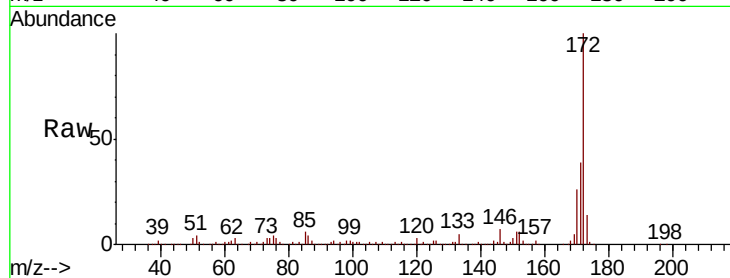
#45
2-Fluorobiphenyl
Concen: 67.941 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.8	46.2
170	26.2	20.2	30.4

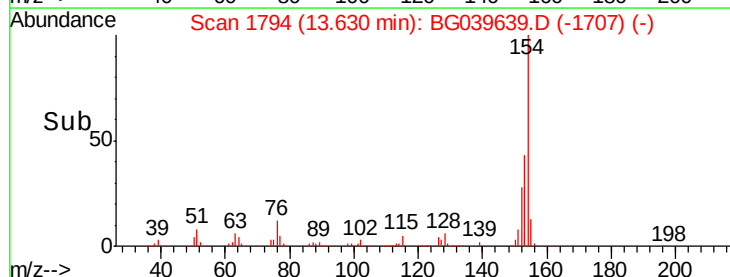
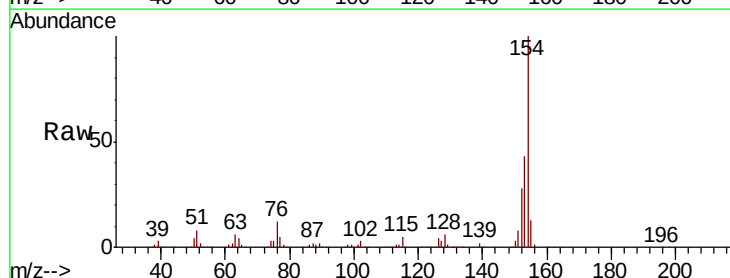
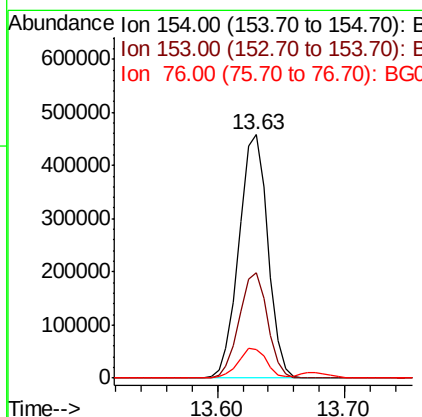
Manual Integrations
APPROVED

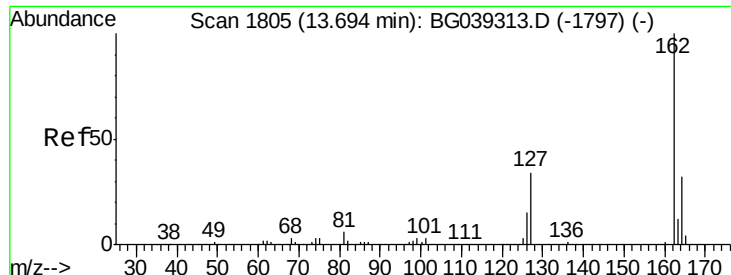
Sohil
2/28/2019 1:32:06 PM



#46
1,1'-Biphenyl
Concen: 38.936 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	11.7	0.0	32.4





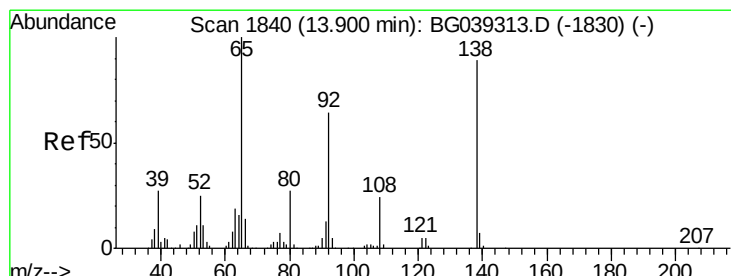
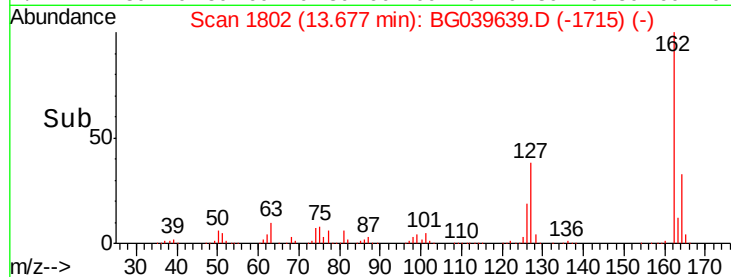
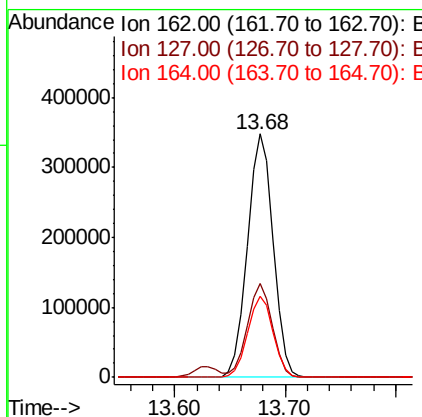
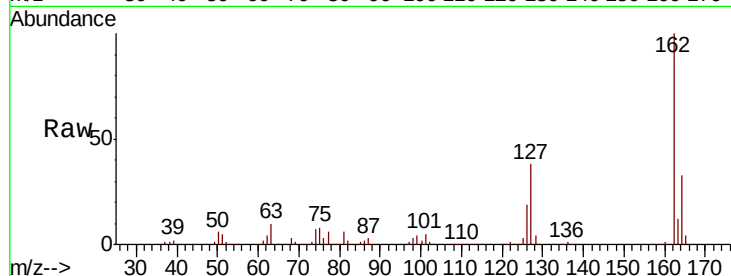
#47
 2-Chloronaphthalene
 Concen: 40.652 ng
 RT: 13.68 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG039639.D
 Acq: 27 Feb 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

Tot Ion:	162	Resp:	566358
Ion Ratio	Lower	Upper	
162	100		
127	38.5	31.0	46.6
164	33.0	25.7	38.5

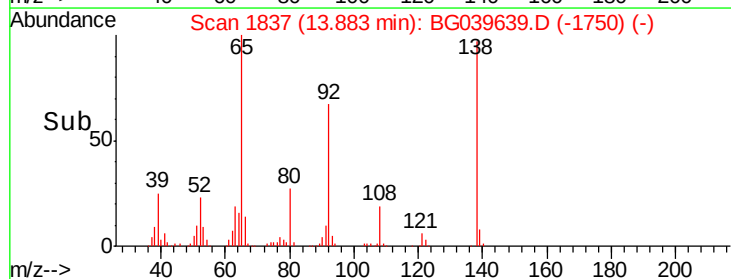
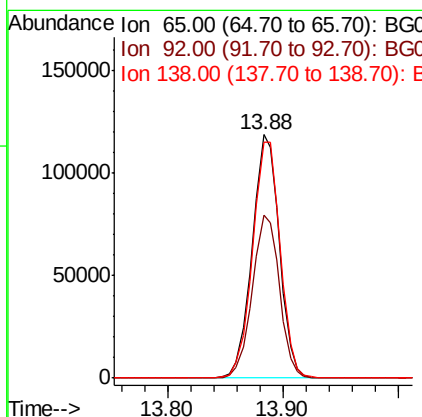
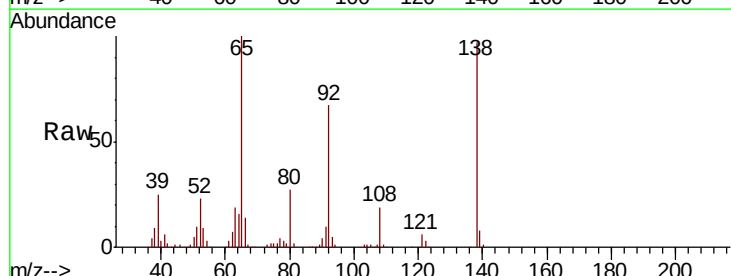
Manual Integrations
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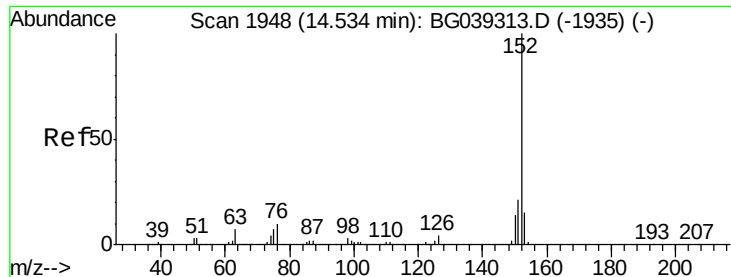
Sohil
 2/28/2019 1:32:06 PM



#48
 2-Nitroaniline
 Concen: 48.591 ng
 RT: 13.88 min Scan# 1837
 Delta R.T. -0.02 min
 Lab File: BG039639.D
 Acq: 27 Feb 2019 17:57

Tgt Ion:	65	Resp:	194962
Ion Ratio	Lower	Upper	
65	100		
92	66.8	51.4	77.2
138	97.0	71.4	107.2





#49

Acenaphthylene

Concen: 42.076 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_G

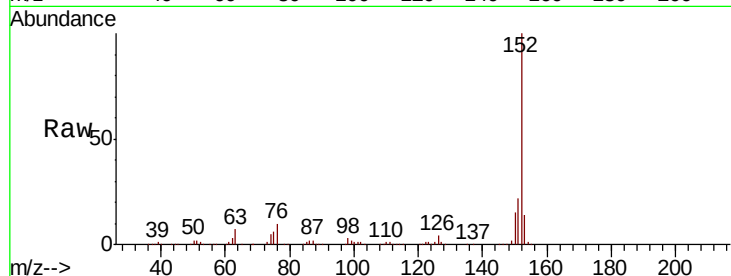
ClientSampleId :

PB117428BSD

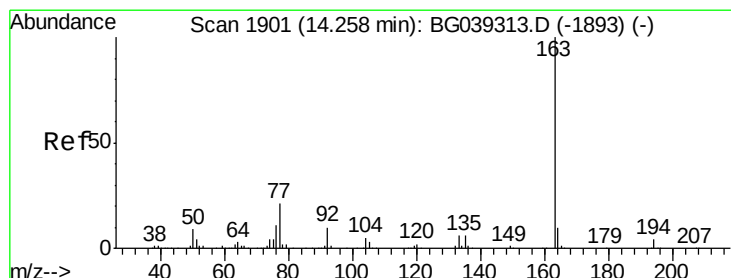
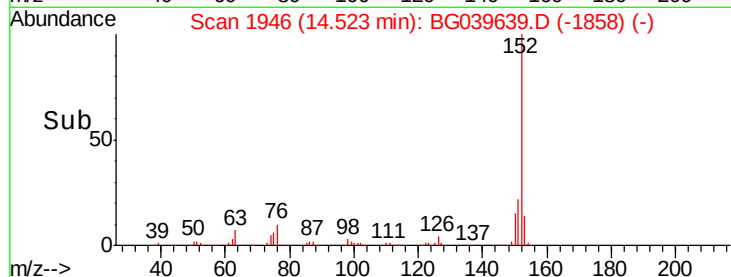
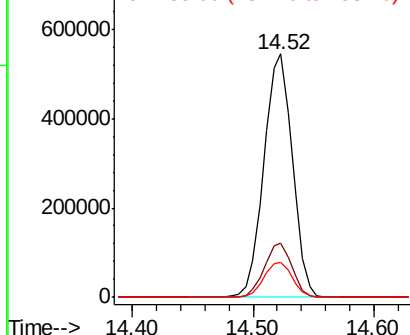
Tot Ion:	152	Resp:	884537
Ion Ratio	Lower	Upper	
152	100		
151	22.3	16.8	25.2
153	14.4	11.7	17.5

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: 41.035 ng

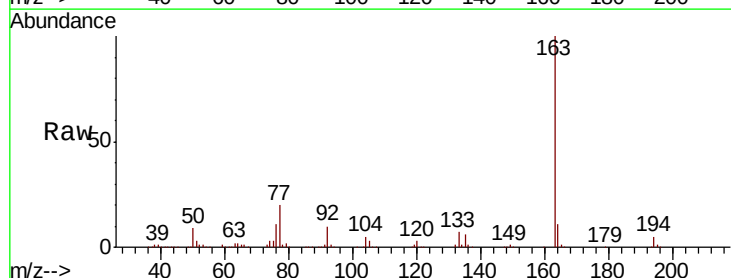
RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

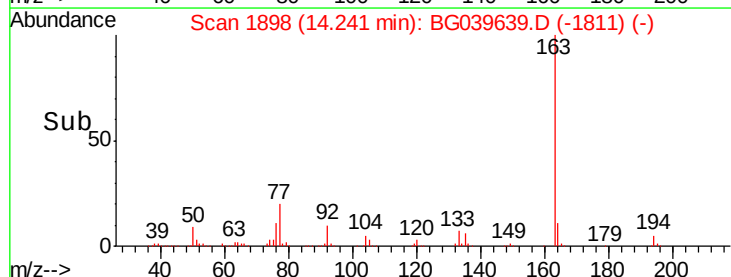
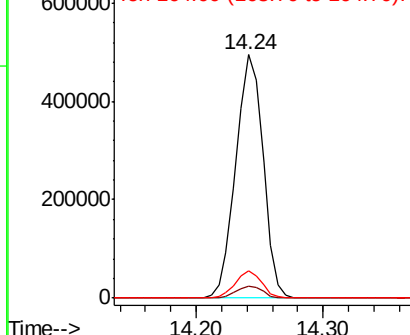
Lab File: BG039639.D

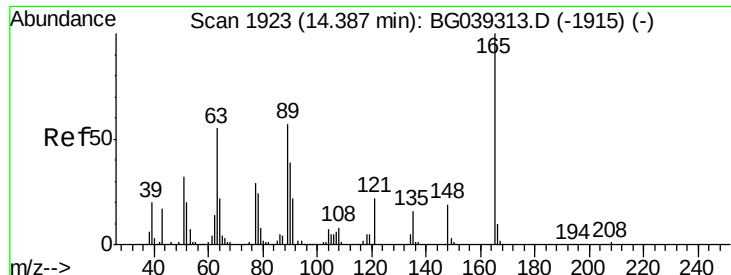
Acq: 27 Feb 2019 17:57

Tgt Ion:	163	Resp:	737688
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.6	5.4
164	11.3	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





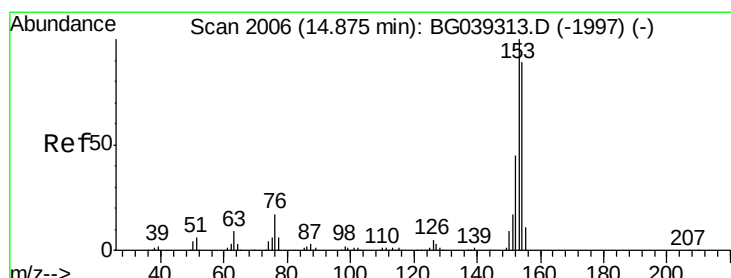
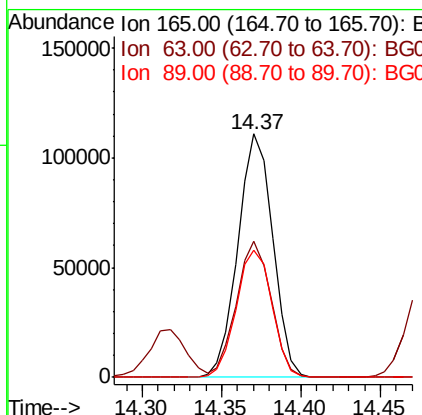
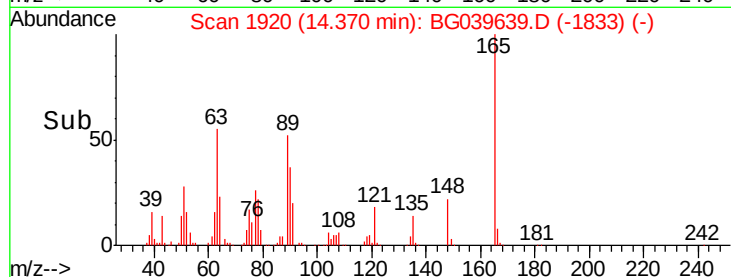
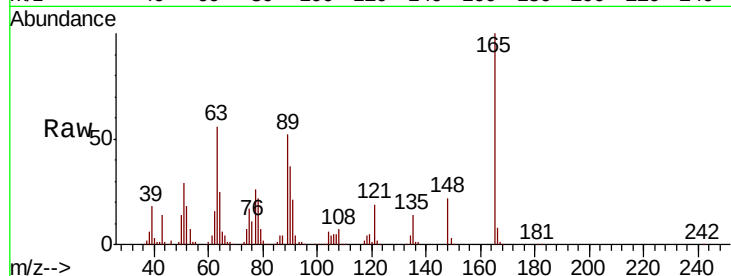
#51
 2,6-Dinitrotoluene
 Concen: 50.169 ng
 RT: 14.37 min Scan# 1920
 Delta R.T. -0.02 min
 Lab File: BG039639.D
 Acq: 27 Feb 2019 17:57

Instrument :
 BNA_G
 ClientSampled :
 PB117428BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	169710		
63	56.1	47.0	70.6	
89	52.5	45.8	68.8	

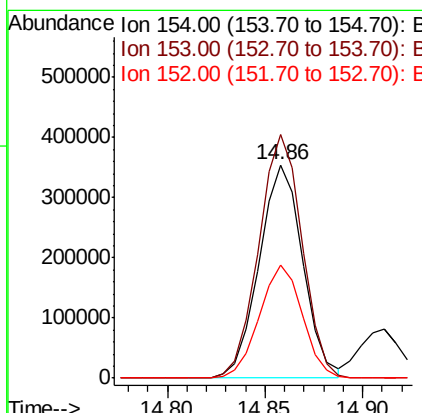
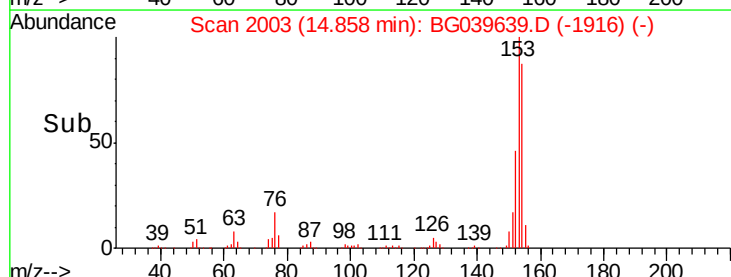
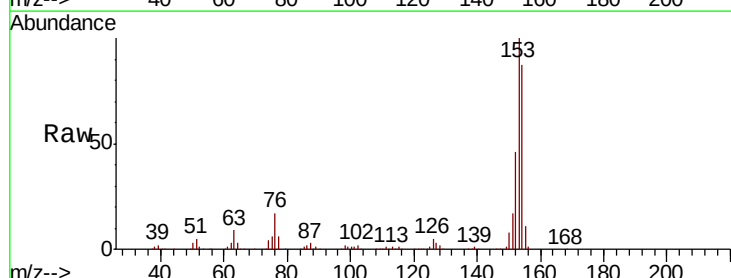
Manual Integrations
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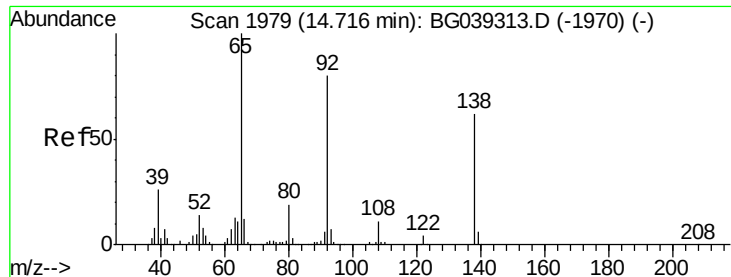
Sohil
 2/28/2019 1:32:06 PM



#52
 Acenaphthene
 Concen: 40.100 ng
 RT: 14.86 min Scan# 2003
 Delta R.T. -0.02 min
 Lab File: BG039639.D
 Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	547203		
153	114.4	90.1	135.1	
152	53.2	40.9	61.3	





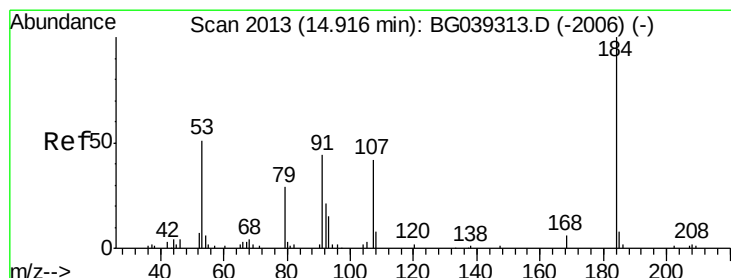
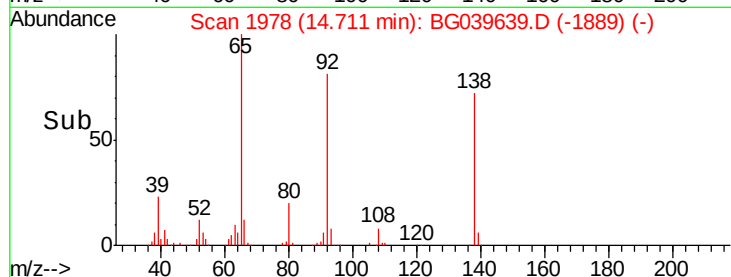
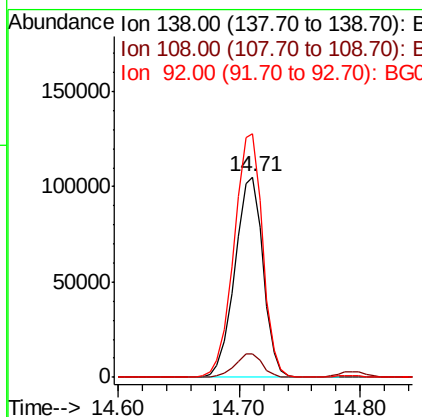
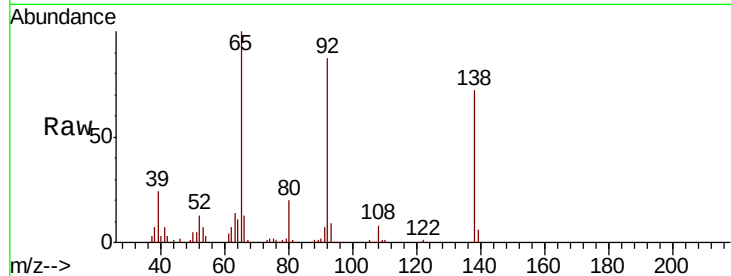
#53
3-Nitroaniline
Concen: 47.524 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tot Ion:138 Resp: 172049
Ion Ratio Lower Upper
138 100
108 11.7 13.8 20.8#
92 121.6 103.7 155.5

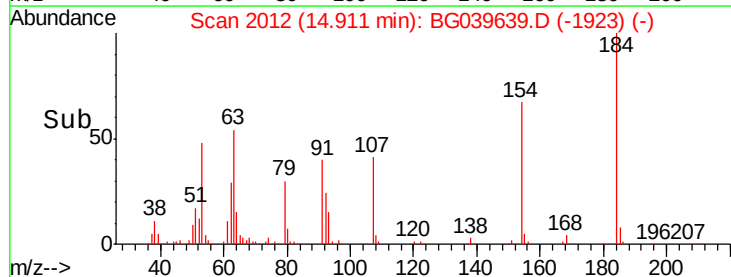
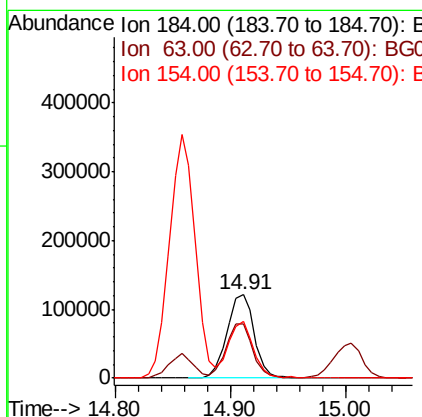
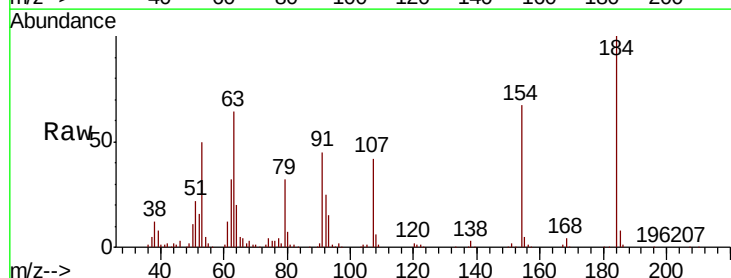
Manual Integrations
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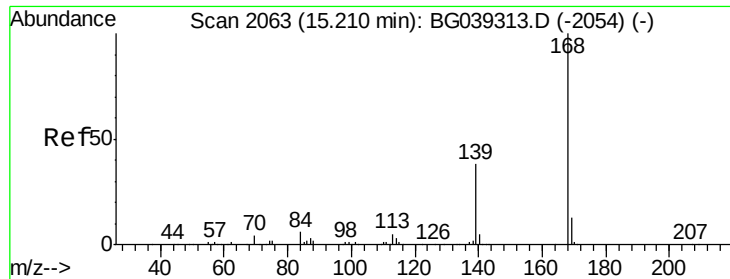
Sohil
2/28/2019 1:32:06 PM



#54
2,4-Dinitrophenol
Concen: 111.869 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Tgt Ion:184 Resp: 198599
Ion Ratio Lower Upper
184 100
63 64.4 50.9 76.3
154 67.5 53.0 79.6





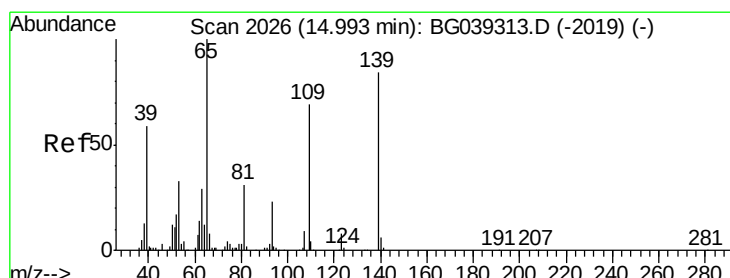
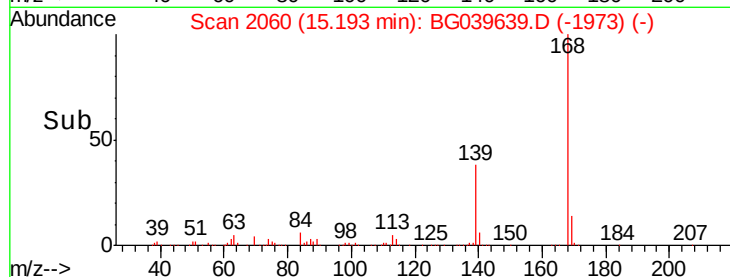
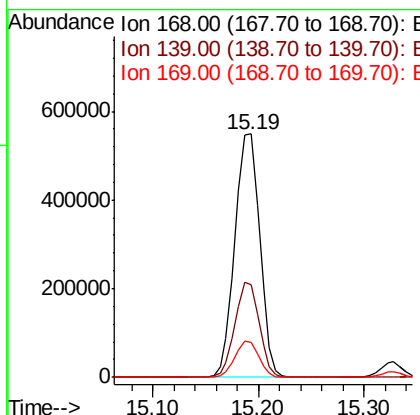
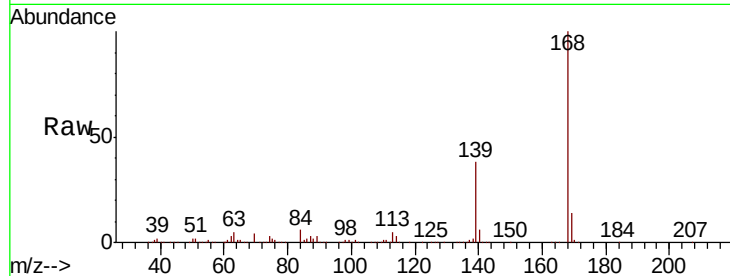
#55
Dibenzofuran
Concen: 40.779 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	892197		
139	38.2		30.1	45.1
169	14.4		10.6	16.0

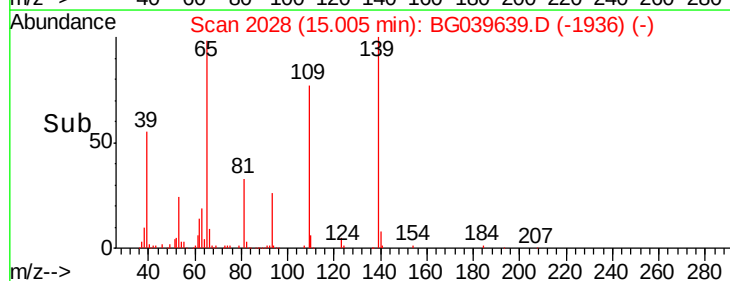
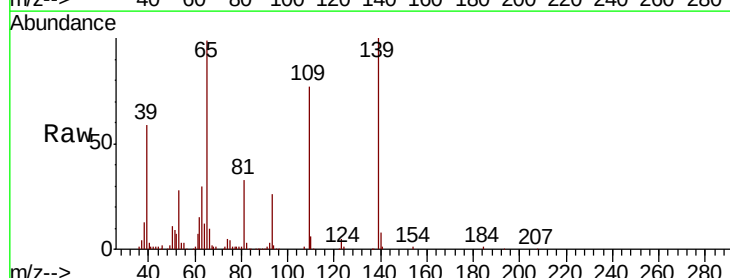
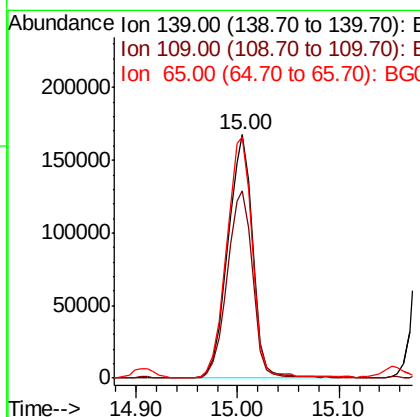
Manual Integrations
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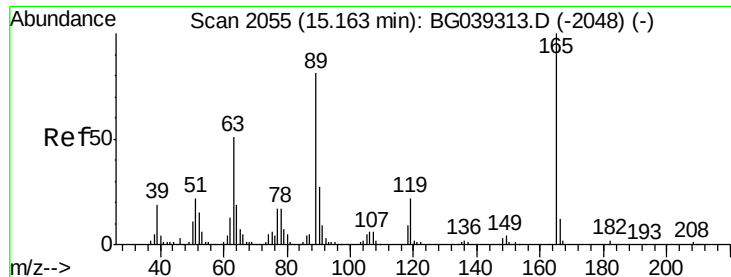
Sohil
2/28/2019 1:32:06 PM



#56
4-Nitrophenol
Concen: 86.990 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	284522		
109	76.8		61.9	101.9
65	98.9		99.1	139.1#





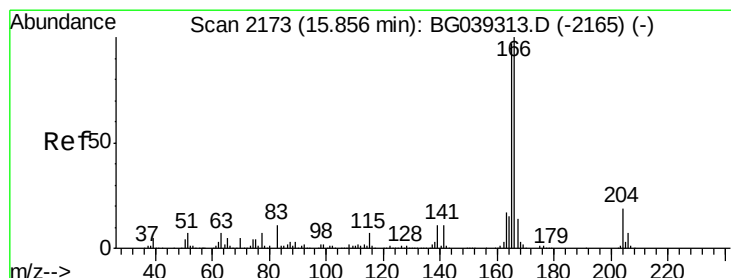
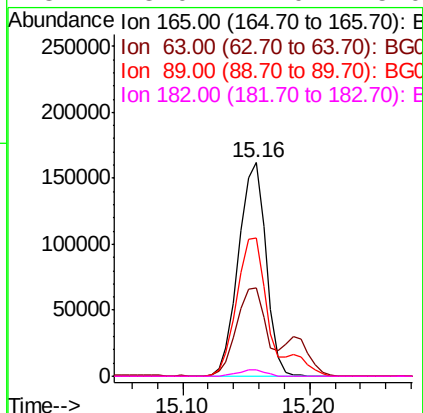
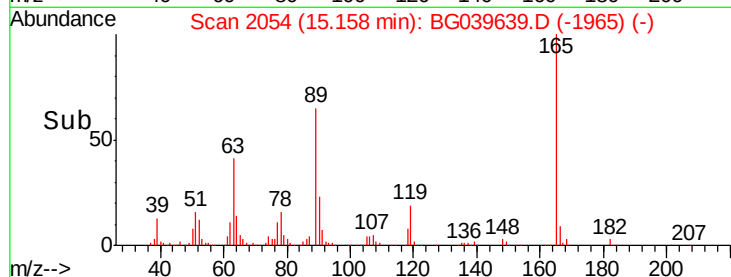
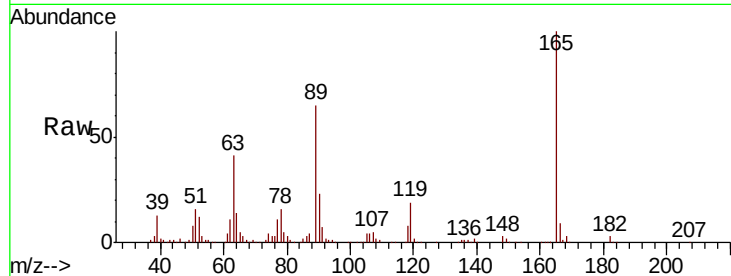
#57
2,4-Dinitrotoluene
Concen: 55.265 ng
RT: 15.16 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.4	41.0	61.6
89	64.7	64.6	96.8
182	3.0	2.0	3.0#

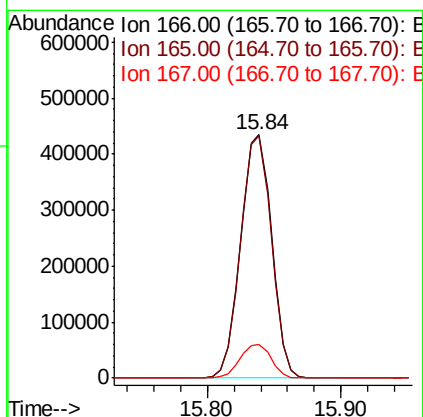
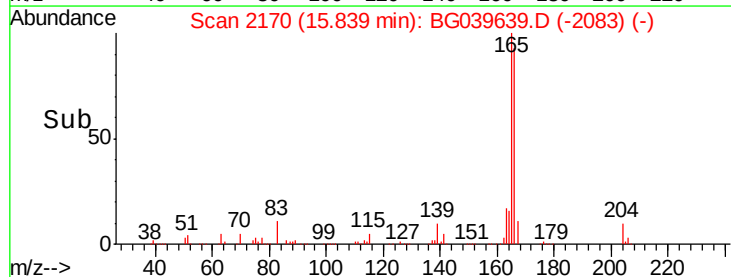
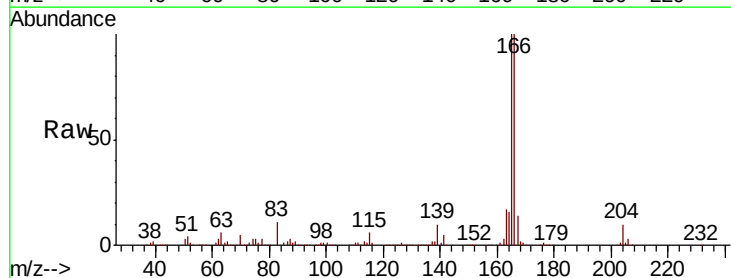
Manual Integrations
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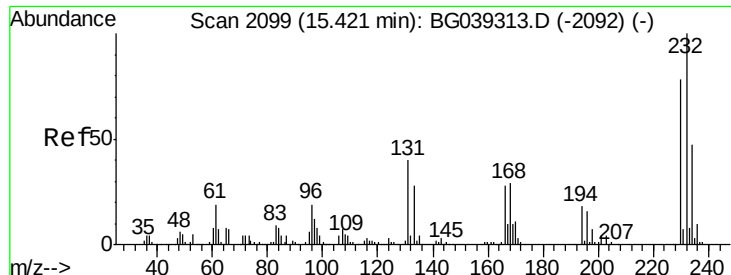
Sohil
2/28/2019 1:32:06 PM



#58
Fluorene
Concen: 42.715 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.9	116.9
167	13.6	10.8	16.2





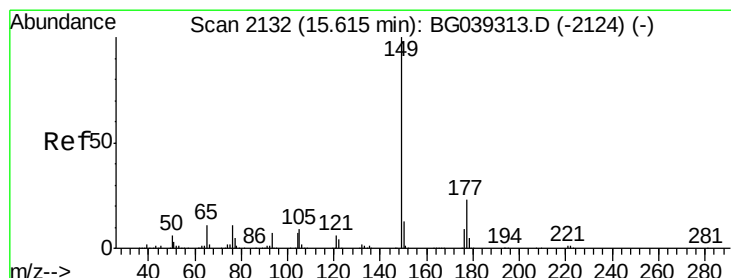
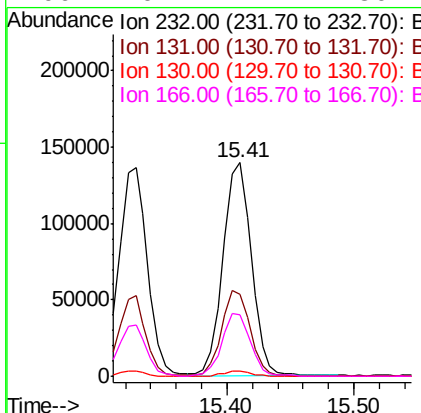
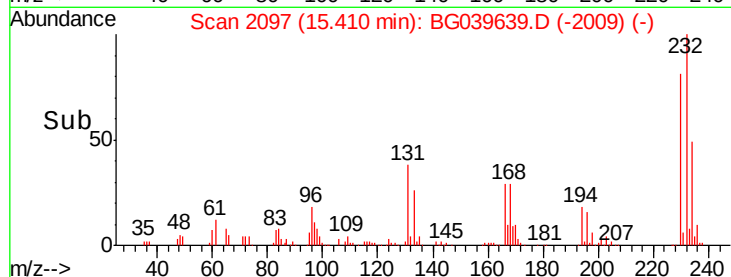
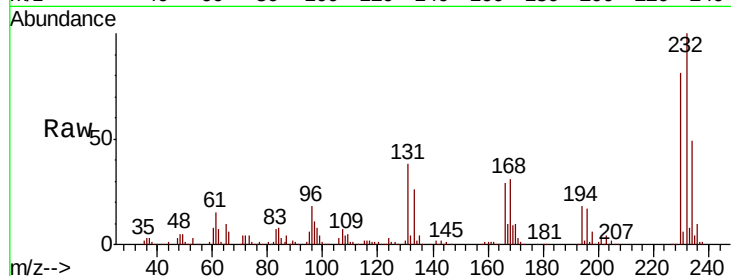
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.676 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039639.D
 Acq: 27 Feb 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

Tot Ion:	232	Resp:	216543
Ion Ratio	Lower	Upper	
232	100		
131	40.2	34.9	52.3
130	2.4	2.0	3.0
166	29.7	24.1	36.1

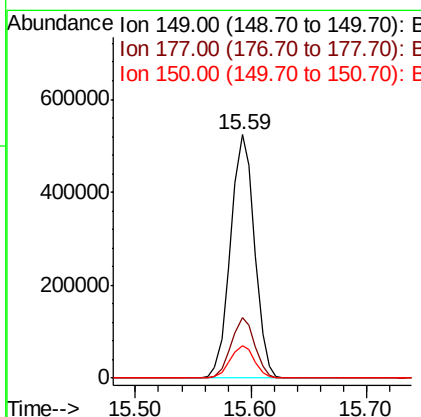
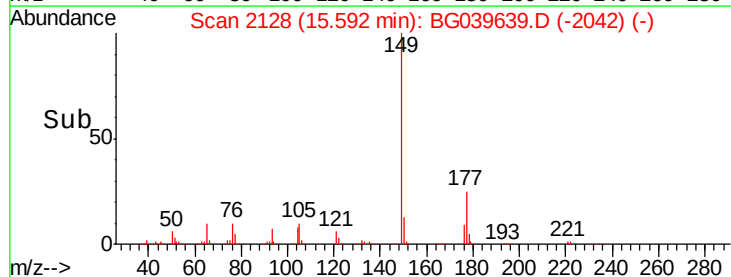
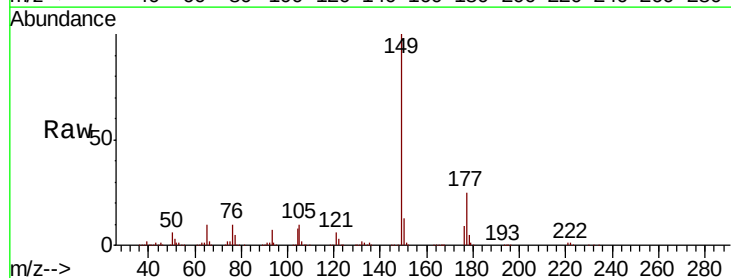
Manual Integrations
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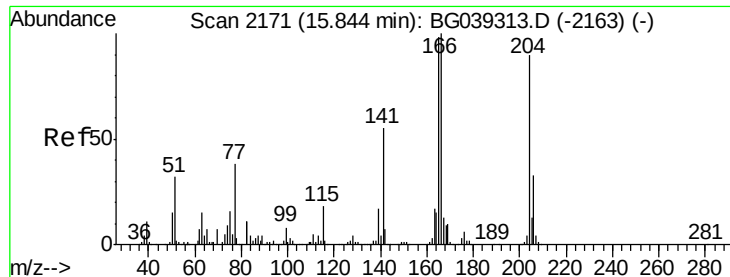
Sohil
 2/28/2019 1:32:06 PM



#60
 Diethylphthalate
 Concen: 40.480 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BG039639.D
 Acq: 27 Feb 2019 17:57

Tgt Ion:	149	Resp:	752392
Ion Ratio	Lower	Upper	
149	100		
177	24.7	18.3	27.5
150	13.1	10.2	15.2





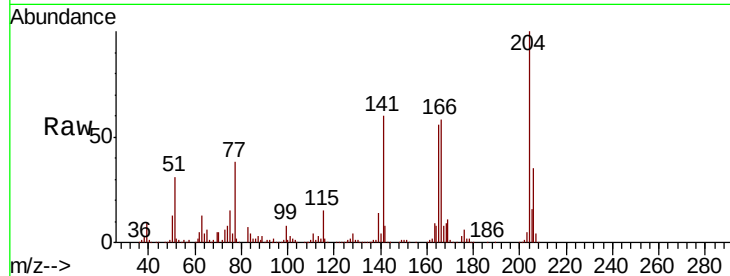
#61
4-Chlorophenyl-phenylether
Concen: 41.379 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	382141		
206	35.1	29.2	43.8	
141	60.1	49.0	73.4	

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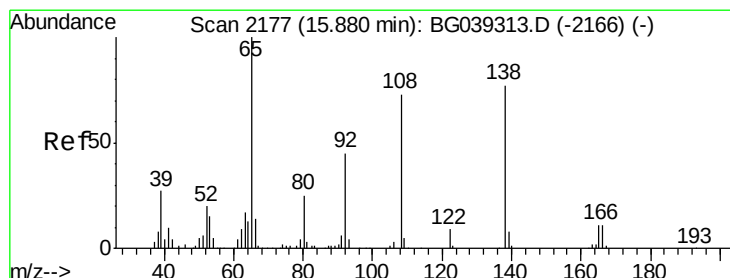
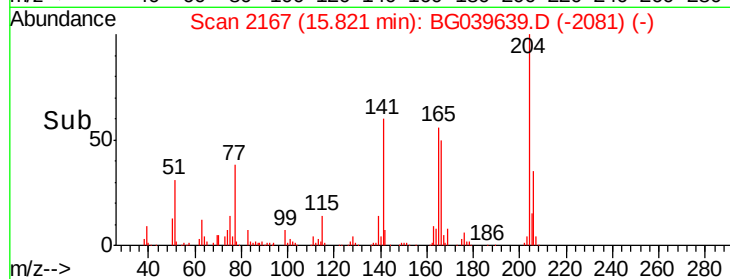
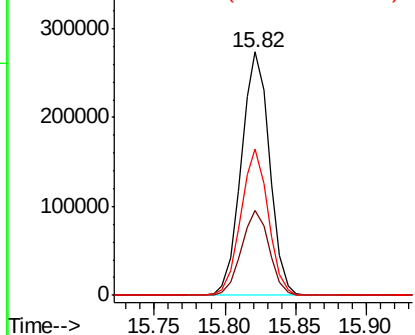


Abundance

Ion 204.00 (203.70 to 204.70): E

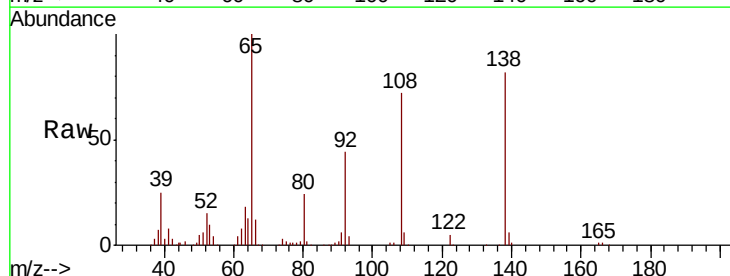
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 48.994 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	185051		
92	53.6	38.7	78.7	
108	87.9	74.6	114.6	

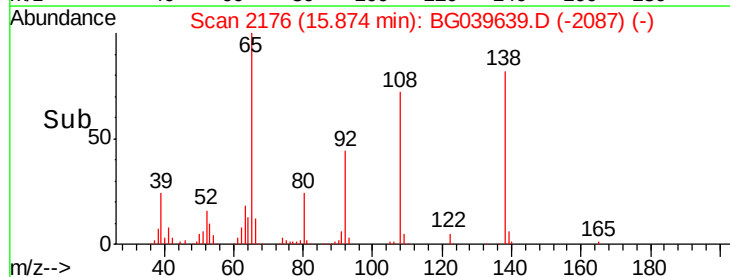
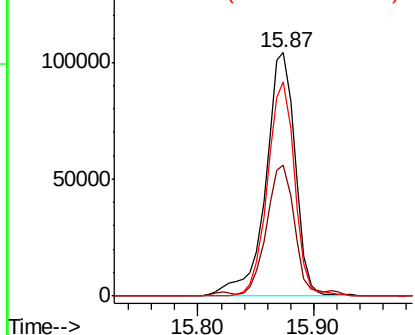


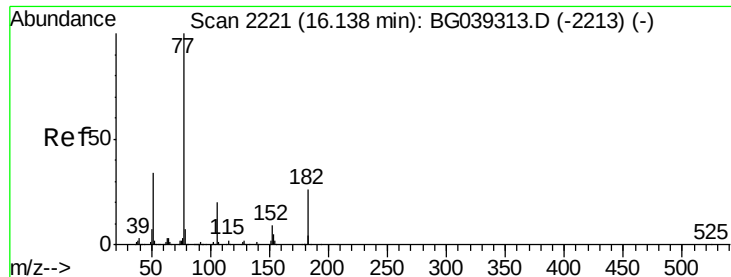
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





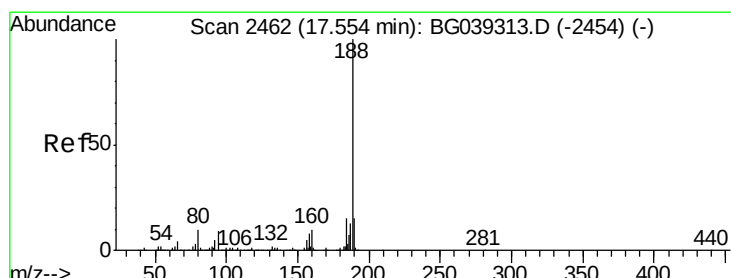
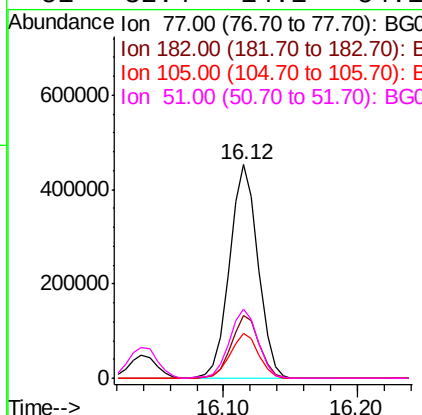
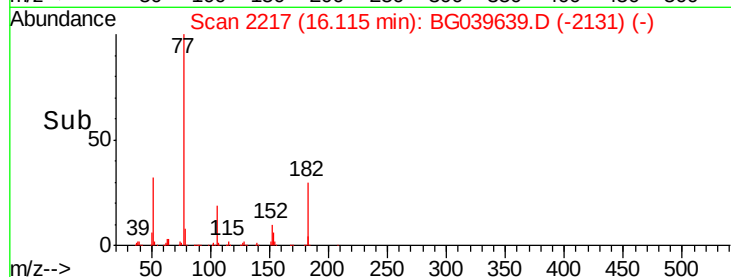
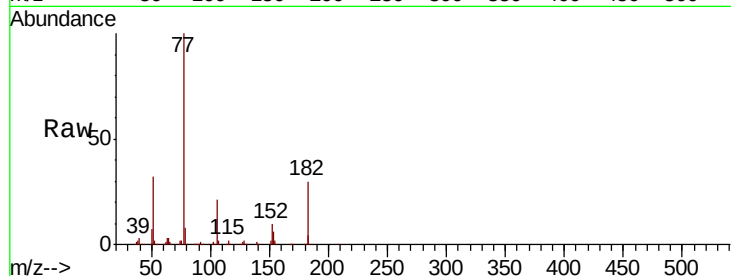
#63
Azobenzene
Concen: 36.849 ng
RT: 16.12 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.5	6.4	46.4
105	21.2	0.0	39.8
51	32.4	14.1	54.1

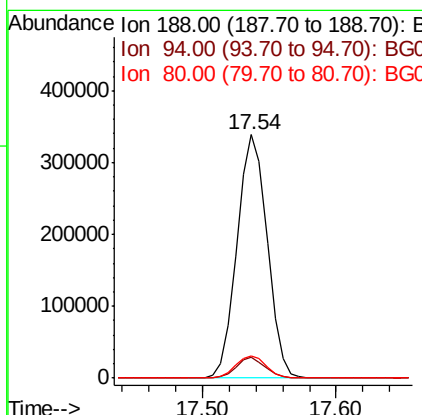
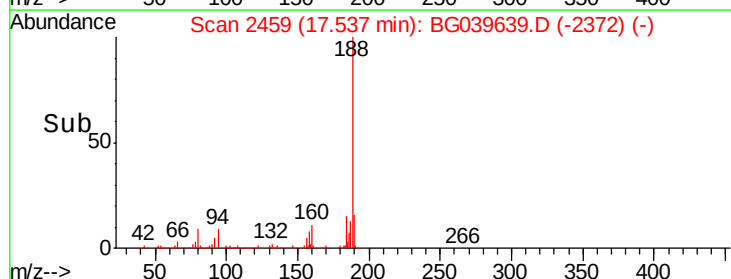
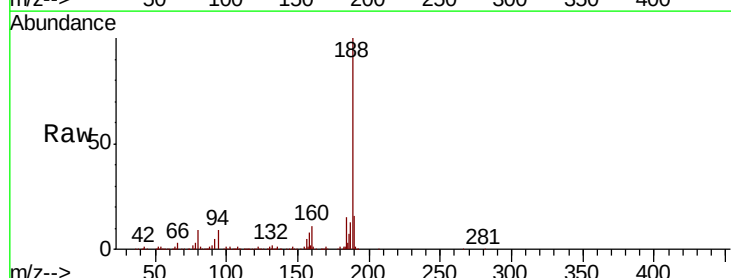
Manual Integrations
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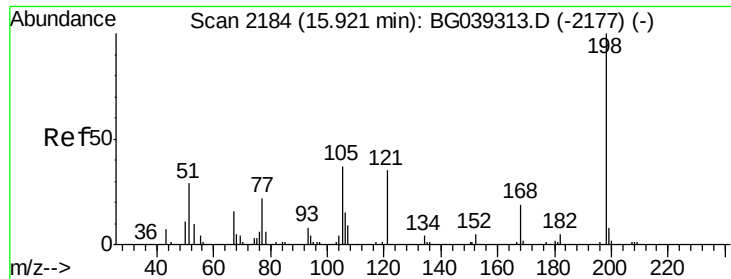
Sohil
2/28/2019 1:32:06 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	9.3	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 62.233 ng

RT: 15.92 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_G

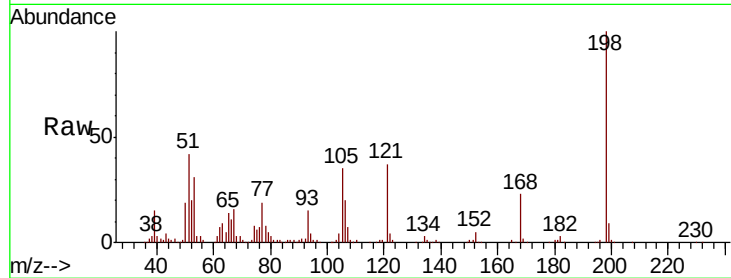
ClientSampled :

PB117428BSD

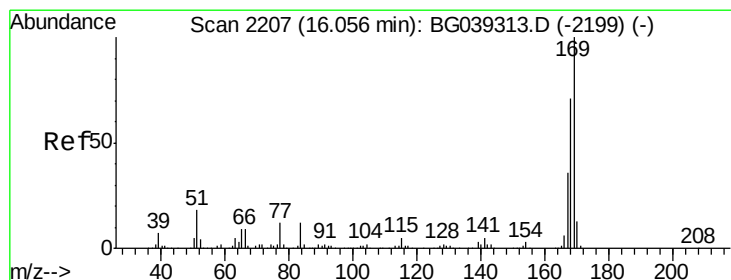
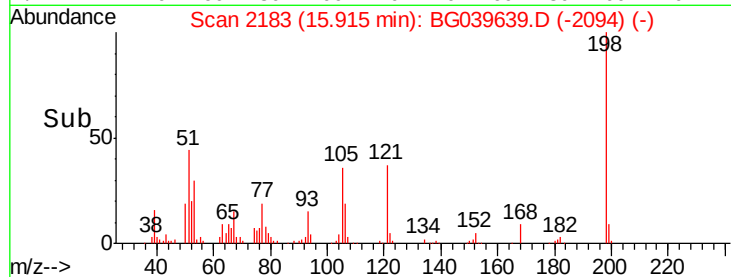
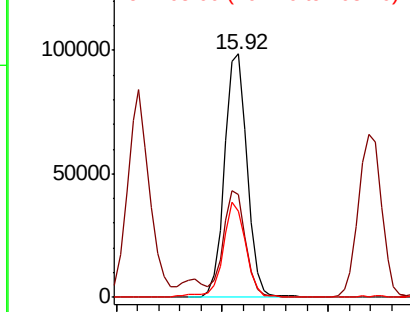
Tot Ion:	198	Resp:	144925
Ion Ratio	Lower	Upper	
198	100		
51	42.4	27.4	67.4
105	35.4	19.7	59.7

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



#66

n-Nitrosodiphenylamine

Concen: 40.187 ng

RT: 16.04 min Scan# 2204

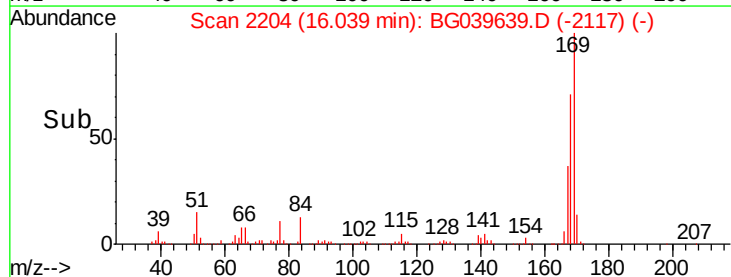
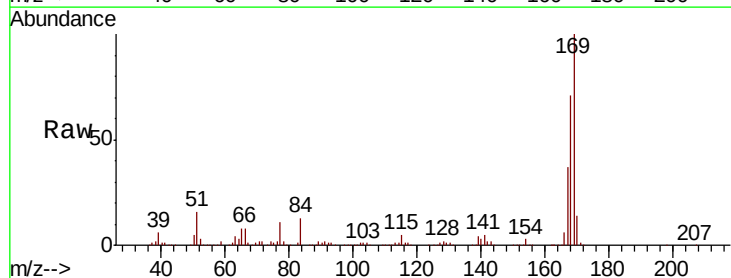
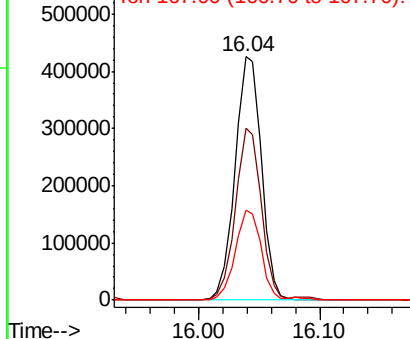
Delta R.T. -0.02 min

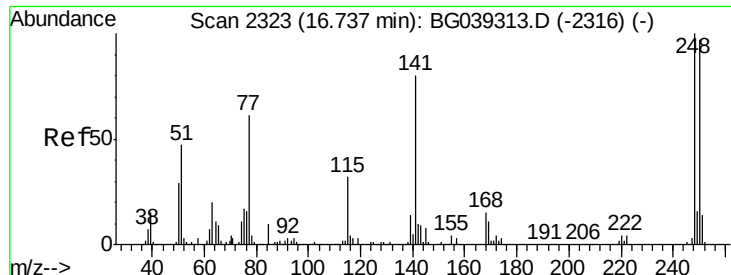
Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Tgt Ion:	169	Resp:	646614
Ion Ratio	Lower	Upper	
169	100		
168	70.6	56.6	85.0
167	37.2	28.8	43.2

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





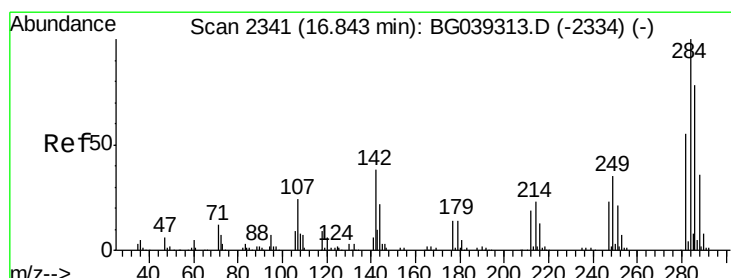
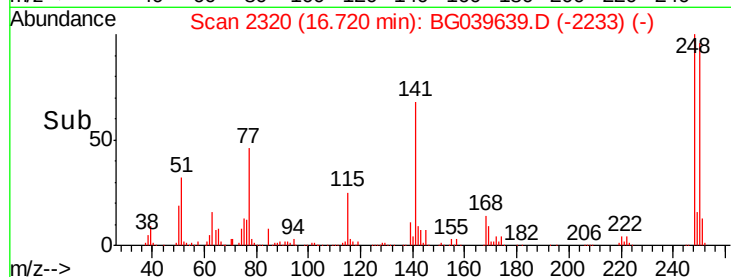
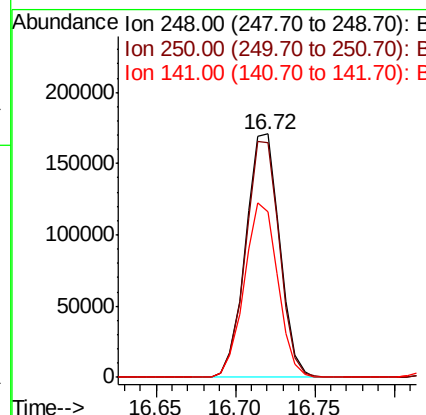
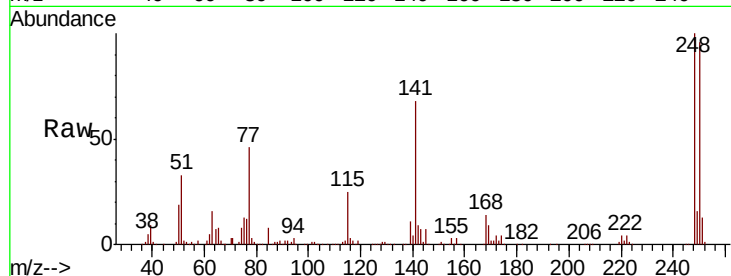
#67
 4-Bromophenyl-phenylether
 Concen: 43.156 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039639.D
 Acq: 27 Feb 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.6	116.4
141	68.0	63.9	95.9

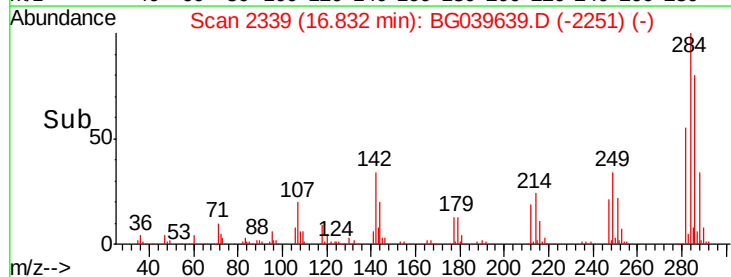
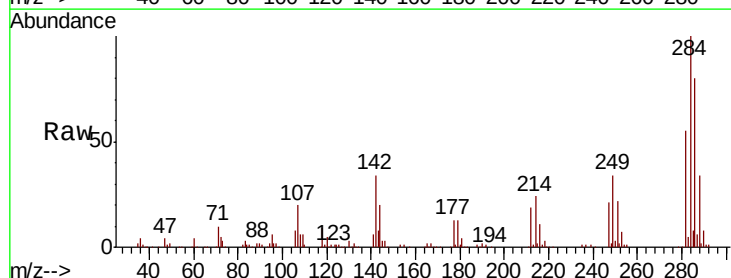
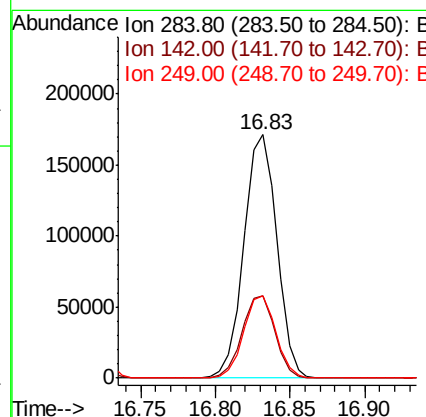
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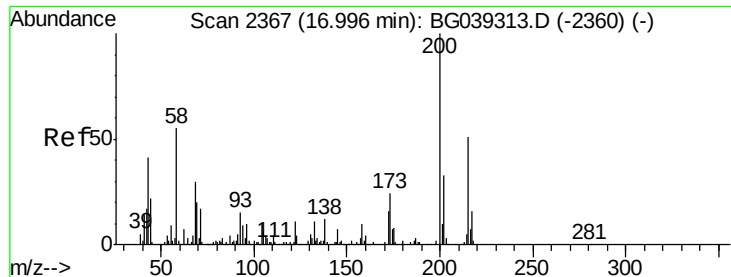
Sohil
 2/28/2019 1:32:06 PM



#68
 Hexachlorobenzene
 Concen: 44.324 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039639.D
 Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	30.6	45.8
249	33.6	28.2	42.2





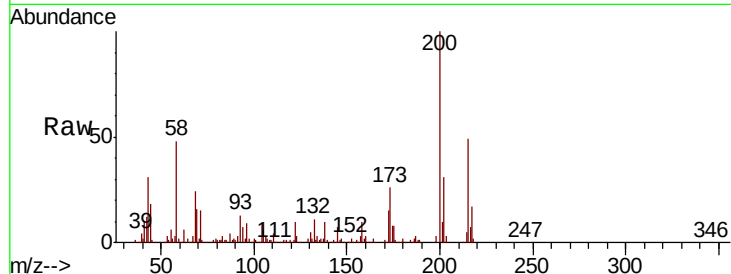
#69
Atrazine
Concen: 23.910 ng
RT: 16.98 min Scan# 2364
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_G
ClientSampled :
PB117428BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	140590		
173	26.1	3.9	43.9	
215	48.6	30.9	70.9	

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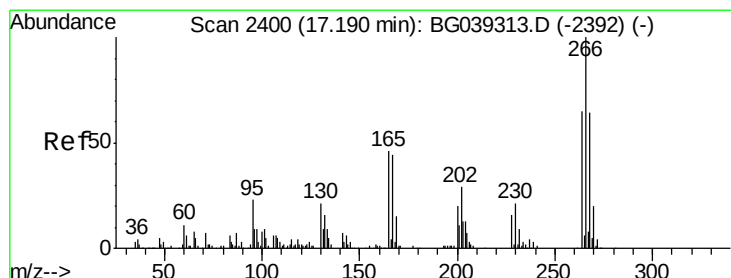
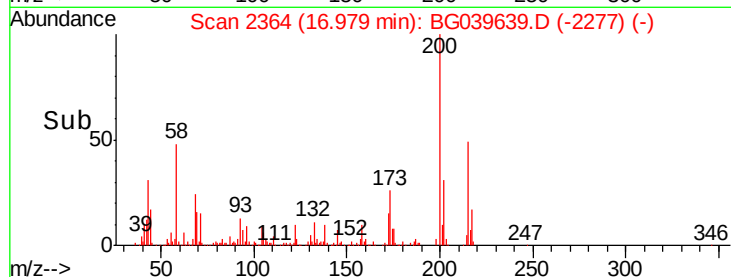
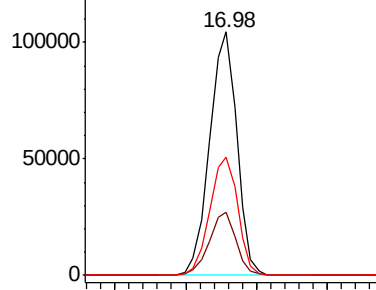


Abundance

Ion 200.00 (199.70 to 200.70): E

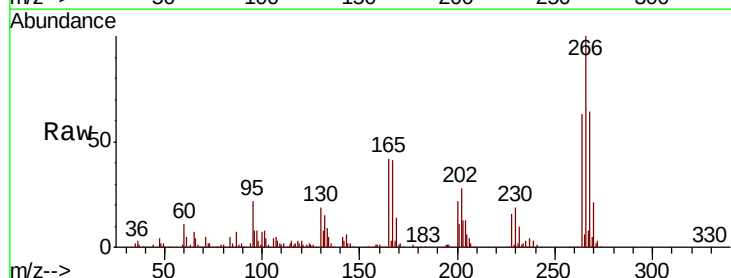
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 78.582 ng
RT: 17.18 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	321686		
268	64.4	51.1	76.7	
264	63.3	52.1	78.1	

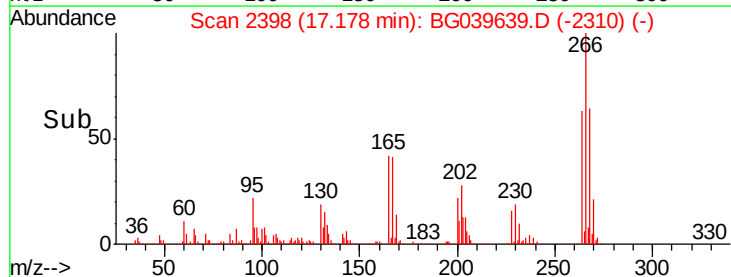
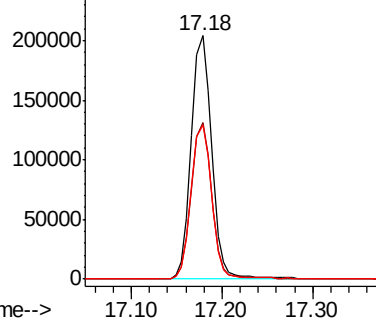


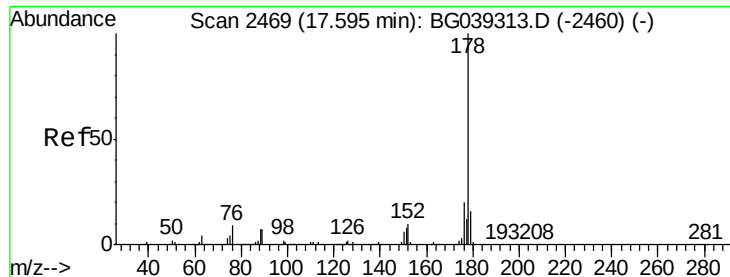
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





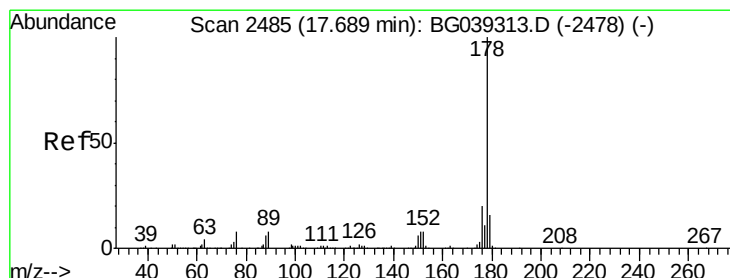
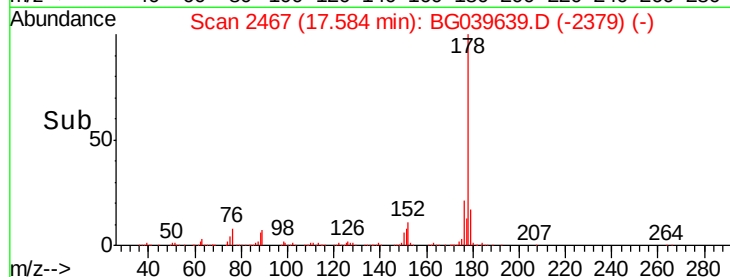
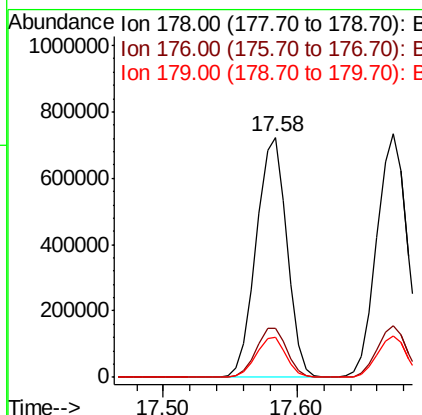
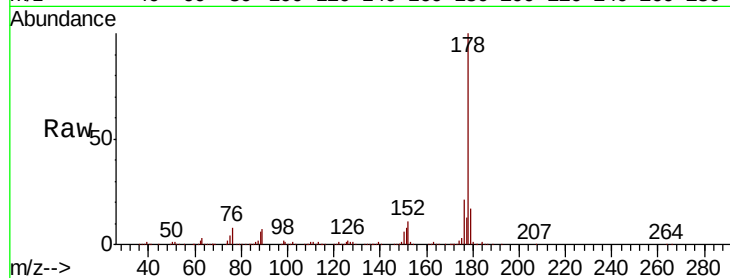
#71
Phenanthrene
Concen: 41.685 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleID :
PB117428BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.4
179	16.7	12.6	19.0

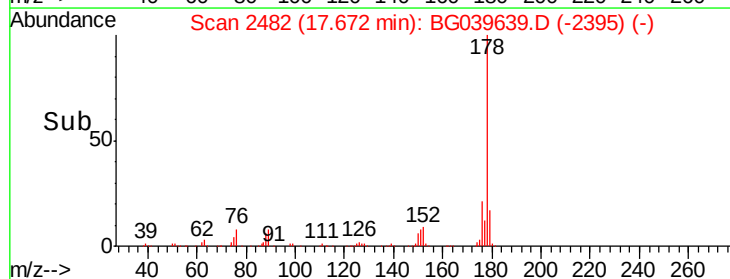
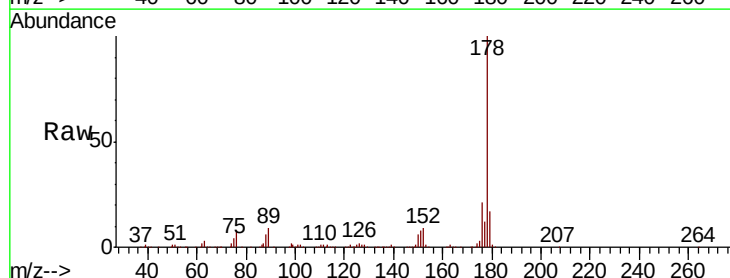
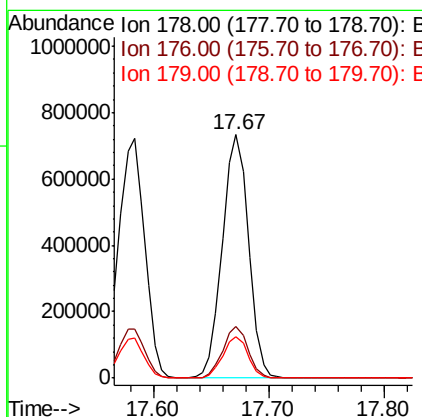
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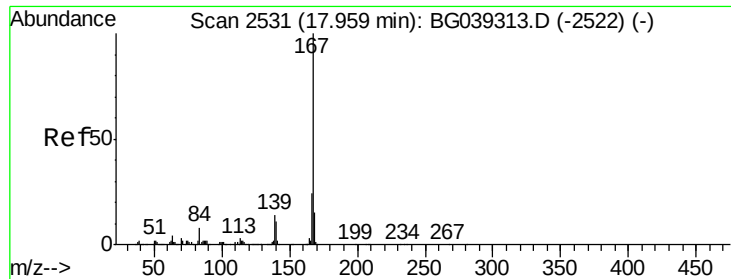
Sohil
2/28/2019 1:32:06 PM



#72
Anthracene
Concen: 42.741 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.8	23.6
179	17.1	12.5	18.7





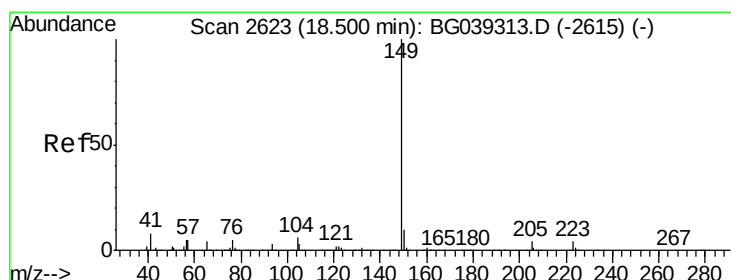
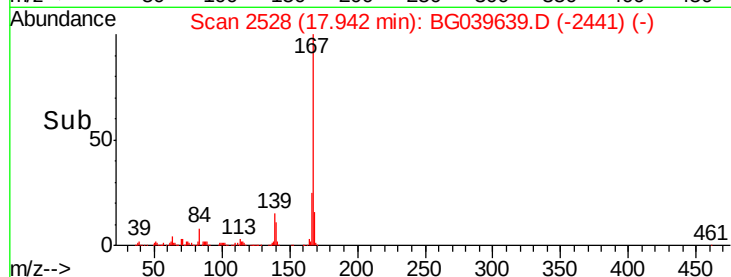
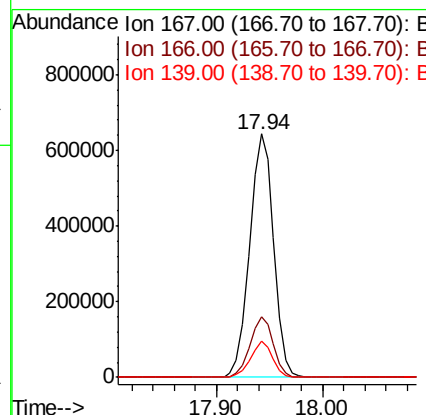
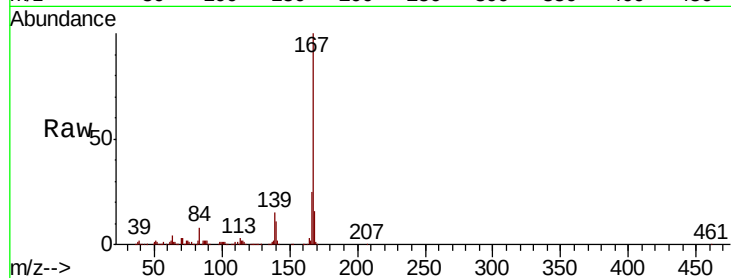
#73
 Carbazole
 Concen: 37.500 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG039639.D
 Acq: 27 Feb 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.8	19.4	29.2
139	14.7	10.8	16.2

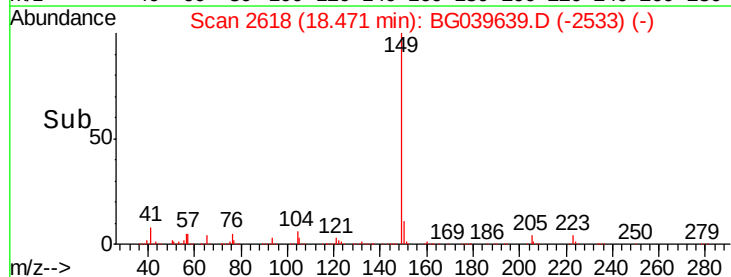
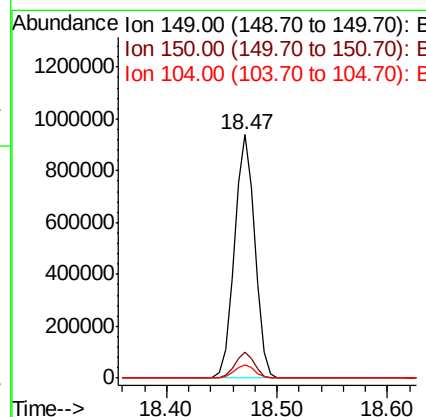
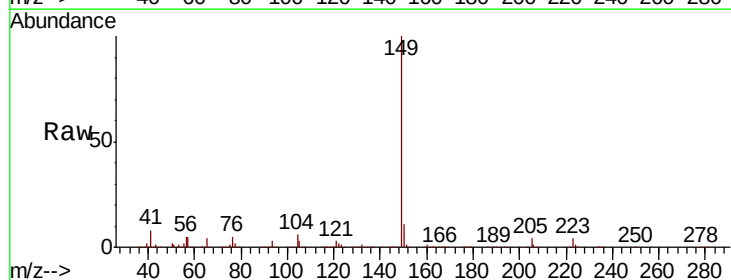
Manual Integrations
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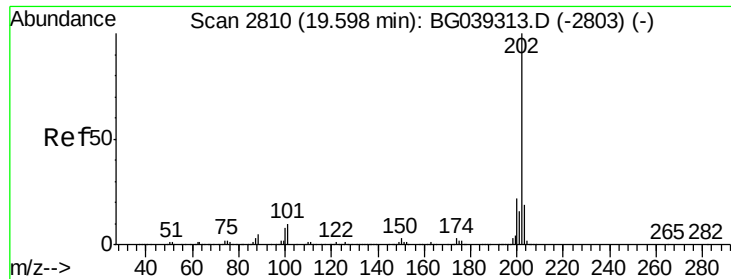
Sohil
 2/28/2019 1:32:06 PM



#74
 Di-n-butylphthalate
 Concen: 38.533 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BG039639.D
 Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.7	11.5
104	5.7	4.5	6.7





#75

Fluoranthene

Concen: 41.669 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_G

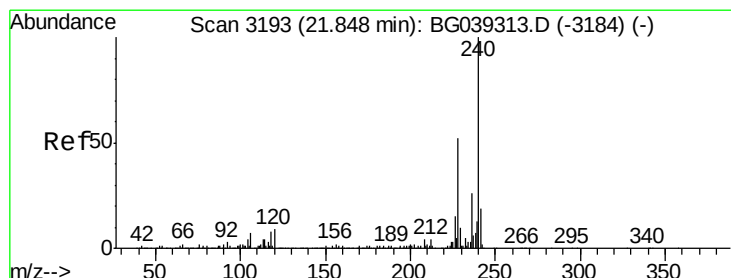
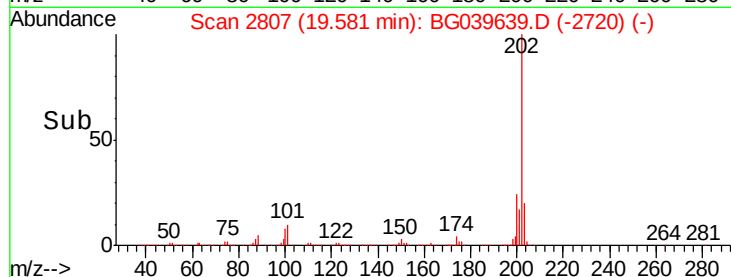
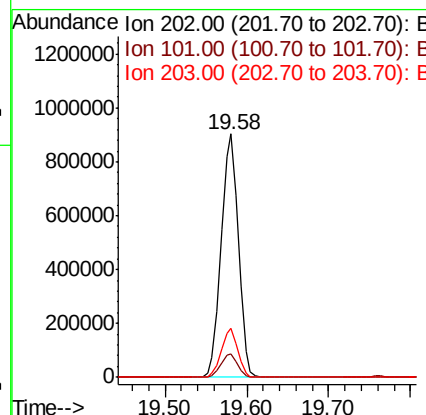
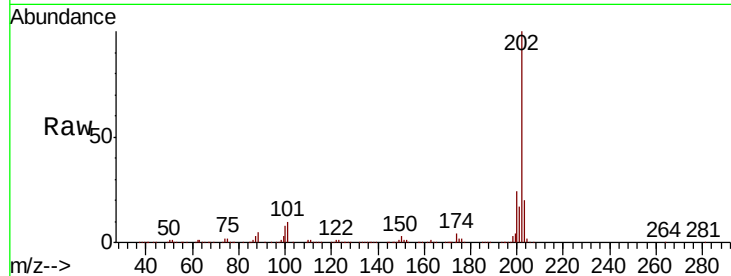
ClientSampleId :

PB117428BSD

Tot Ion:	202	Resp:	1324633
Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.0
203	20.0	0.0	38.9

Manual Integrations
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Sohil
2/28/2019 1:32:06 PM



#76

Chrysene-d12

Concen: 20.000 ng

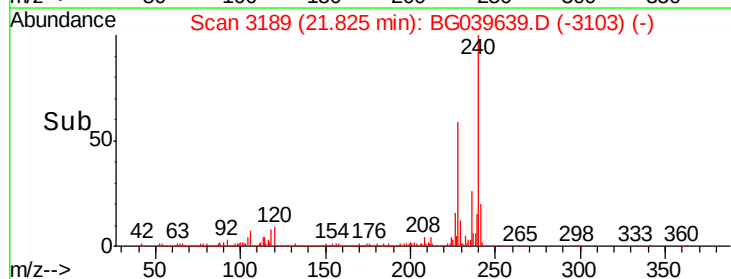
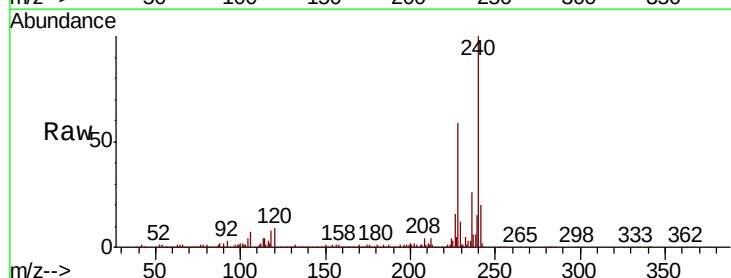
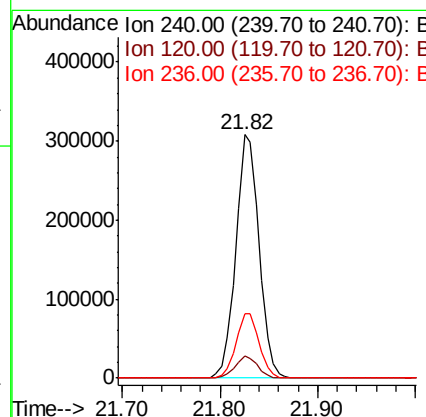
RT: 21.82 min Scan# 3189

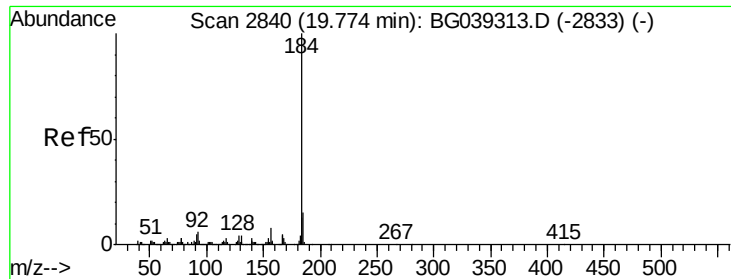
Delta R.T. -0.02 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Tgt Ion:	240	Resp:	505909
Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.0	10.6
236	26.3	21.0	31.4





#77

Benzidine

Concen: 55.435 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_G

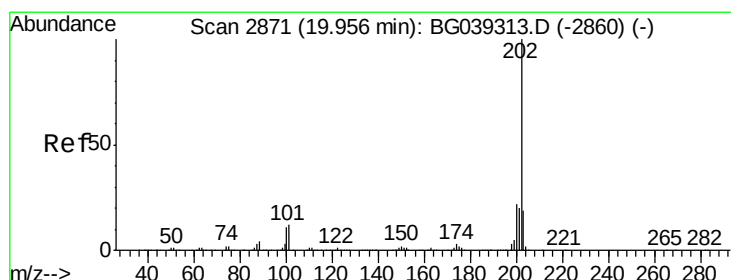
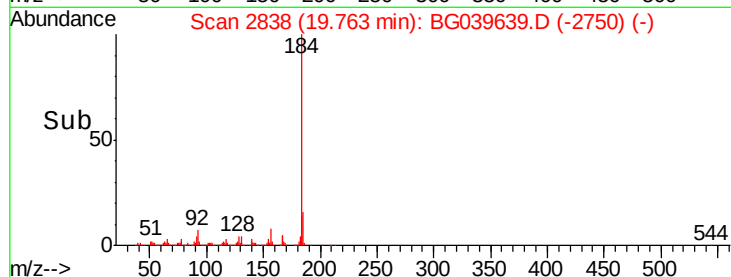
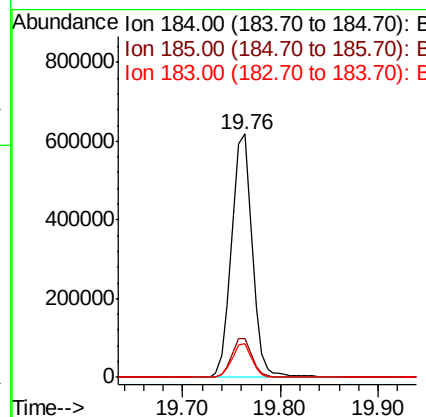
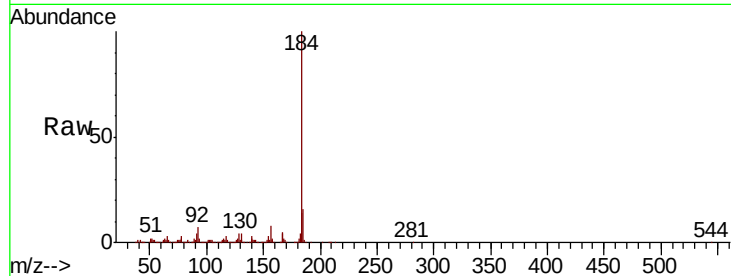
ClientSampleId :

PB117428BSD

Tot Ion:	184	Resp:	919479
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.2	18.2
183	13.8	10.6	15.8

Manual Integrations
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Sohil
2/28/2019 1:32:06 PM



#78

Pyrene

Concen: 41.667 ng

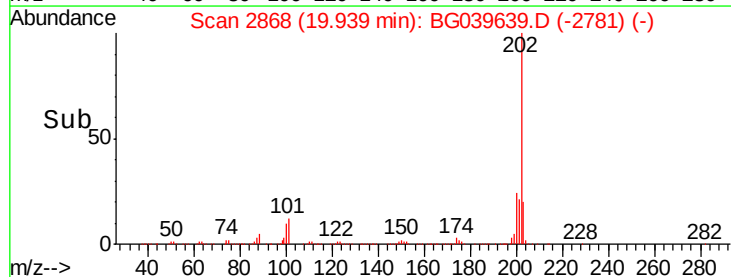
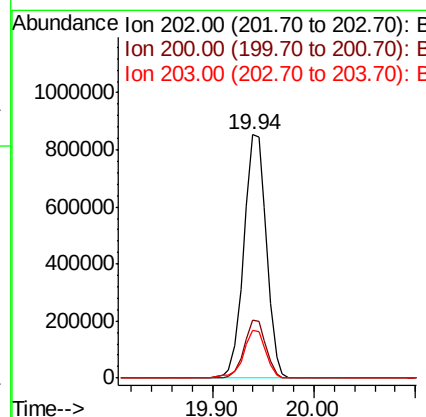
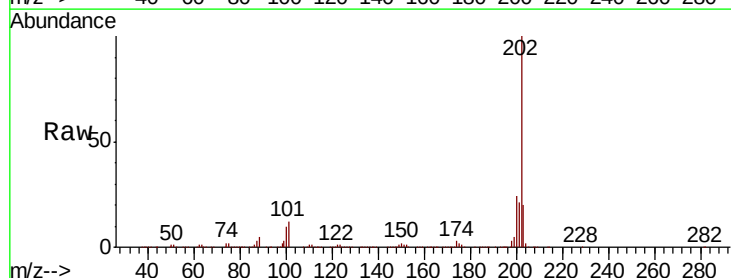
RT: 19.94 min Scan# 2868

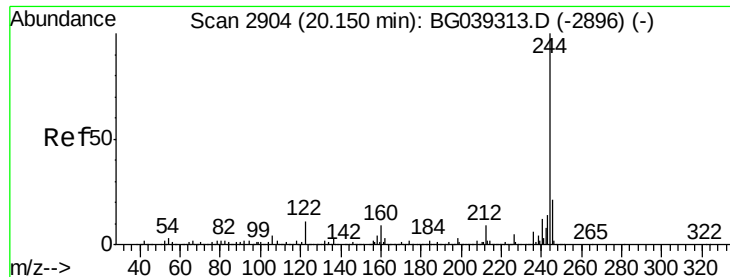
Delta R.T. -0.02 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Tgt Ion:	202	Resp:	1312280
Ion Ratio	Lower	Upper	
202	100		
200	23.7	17.8	26.8
203	19.6	15.3	22.9





#79

Terphenyl-d14

Concen: 70.262 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.02 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

Tot Ion:244 Resp: 1679328

Ion Ratio Lower Upper

244 100

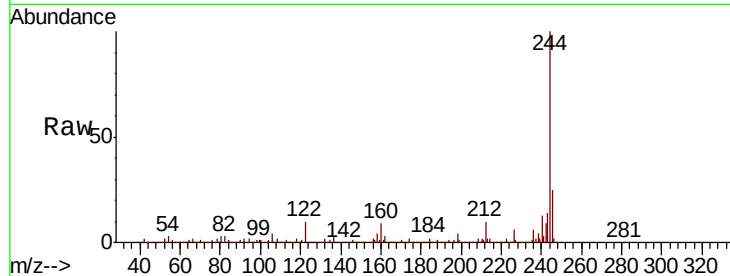
212 10.0 7.3 10.9

122 10.1 8.4 12.6

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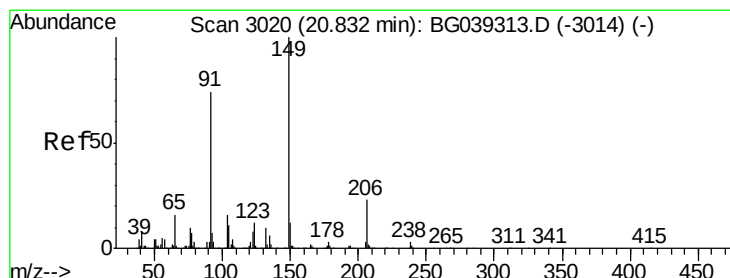
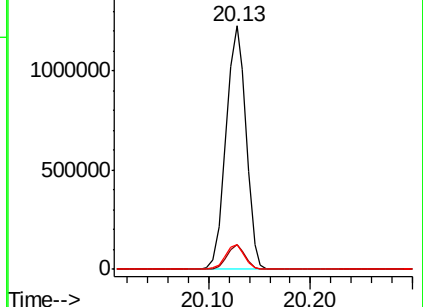
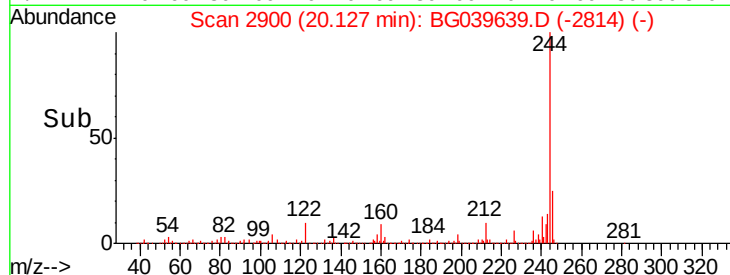
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.772 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.02 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

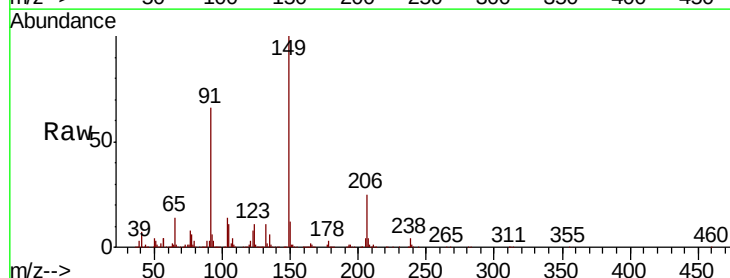
Tgt Ion:149 Resp: 568250

Ion Ratio Lower Upper

149 100

91 66.4 59.5 89.3

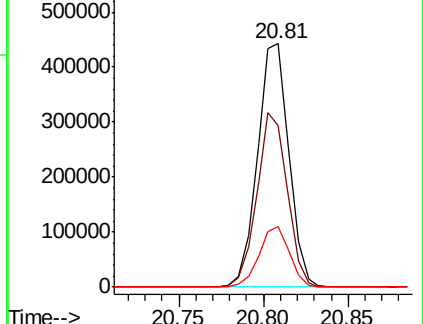
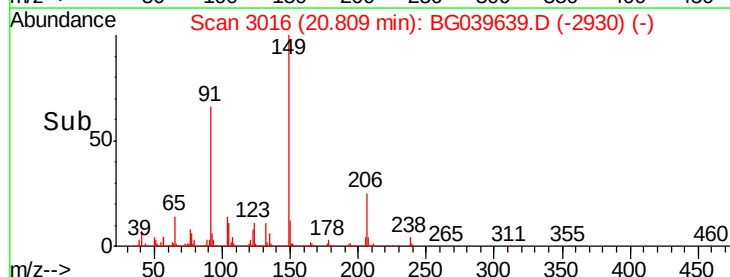
206 24.7 18.6 27.8

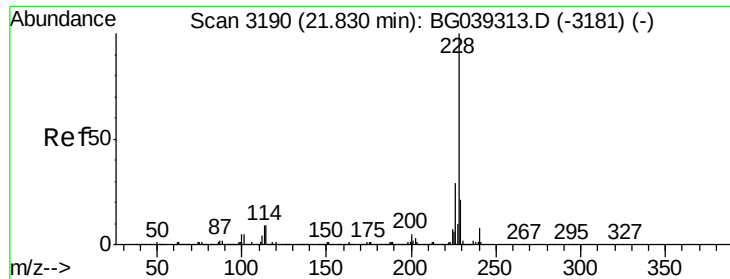


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.168 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_G

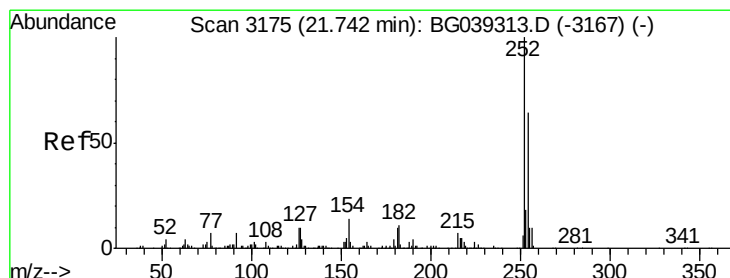
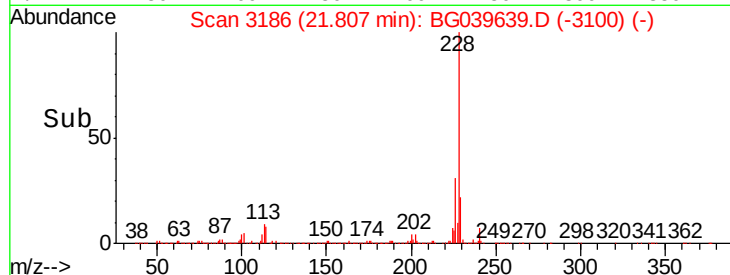
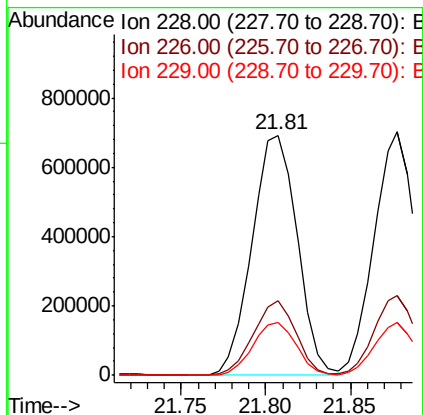
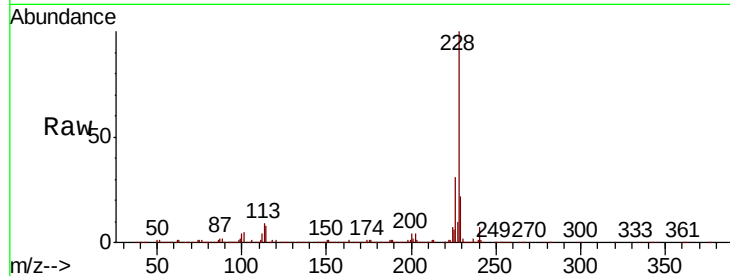
ClientSampleId :

PB117428BSD

Tot Ion:	228	Resp:	1290454
Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.0	34.6
229	21.8	16.9	25.3

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 42.894 ng

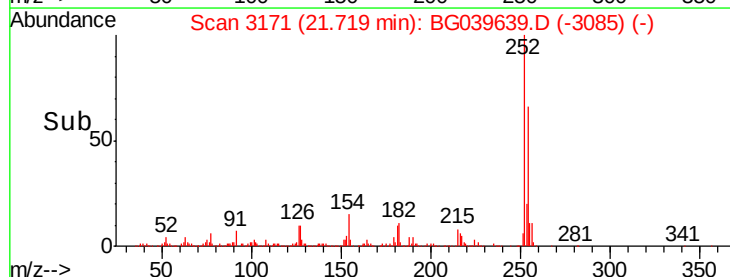
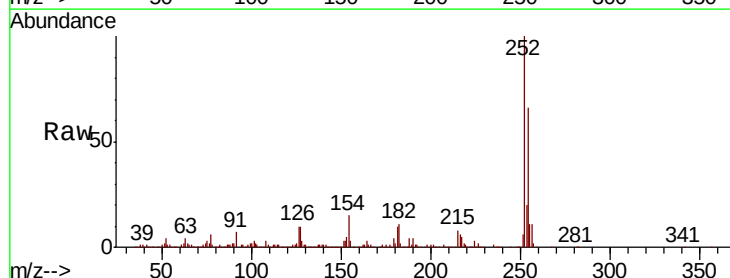
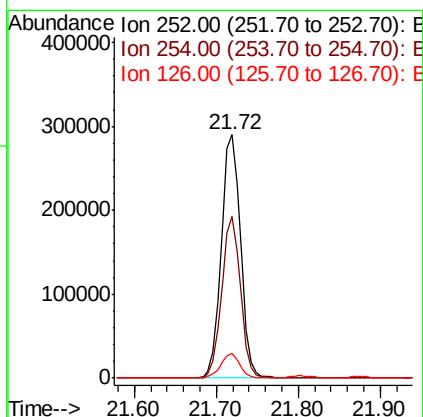
RT: 21.72 min Scan# 3171

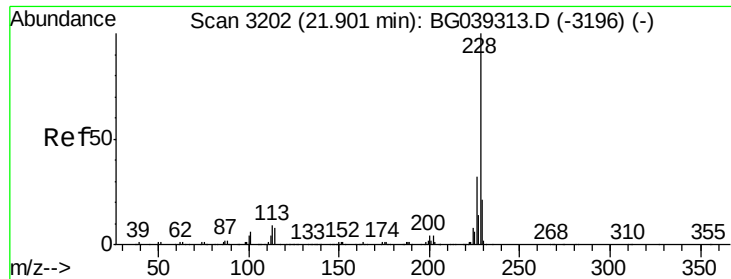
Delta R.T. -0.02 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Tgt Ion:	252	Resp:	475451
Ion	Ratio	Lower	Upper
252	100		
254	66.3	51.3	76.9
126	10.2	8.0	12.0





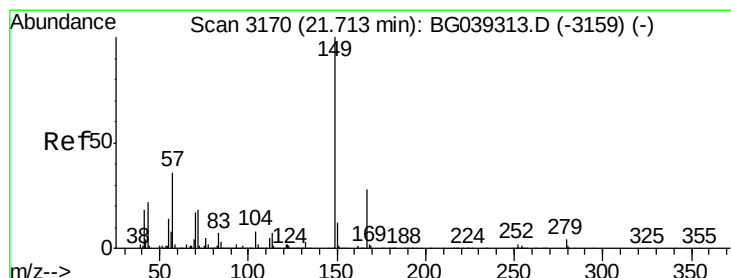
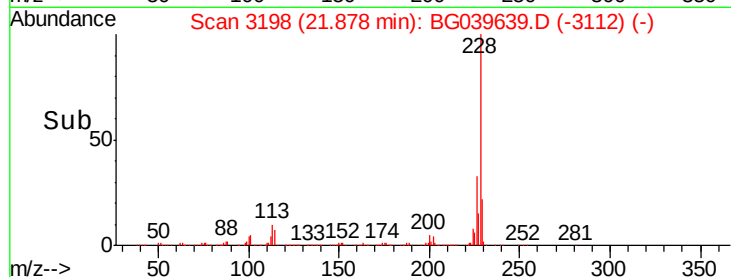
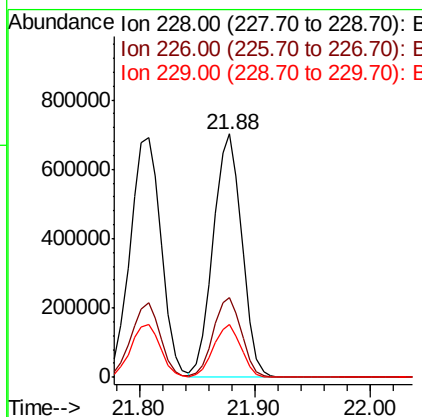
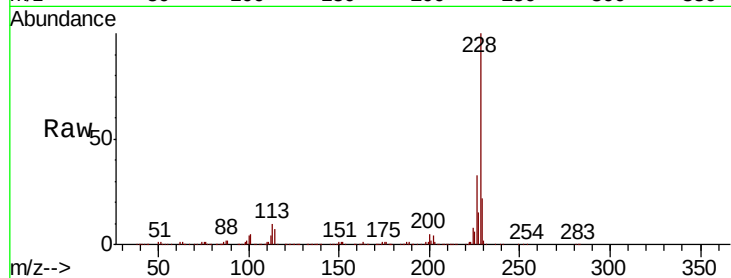
#83
 Chrysene
 Concen: 42.308 ng
 RT: 21.88 min Scan# 3198
 Delta R.T. -0.02 min
 Lab File: BG039639.D
 Acq: 27 Feb 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.8	38.6
229	21.6	16.6	25.0

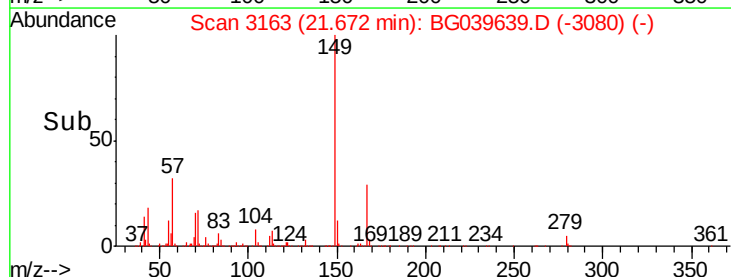
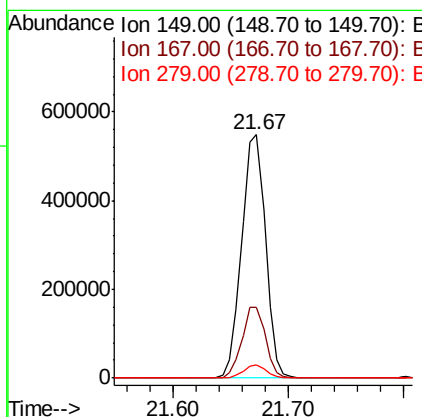
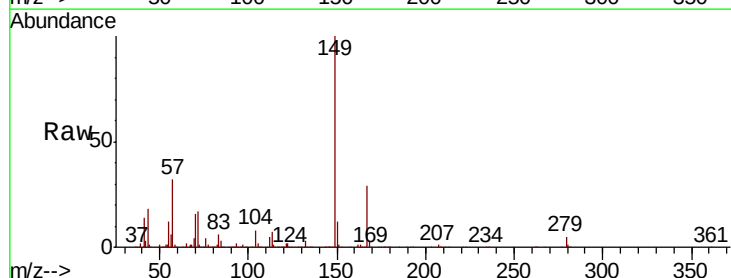
Manual Integrations
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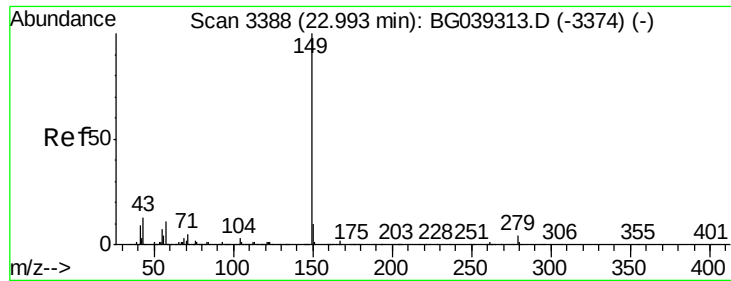
Sohil
 2/28/2019 1:32:06 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.624 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.04 min
 Lab File: BG039639.D
 Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.6	34.0
279	5.2	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 42.696 ng

RT: 22.93 min Scan# 3377

Delta R.T. -0.06 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

Tot Ion:149 Resp: 1336957

Ion Ratio Lower Upper

149 100

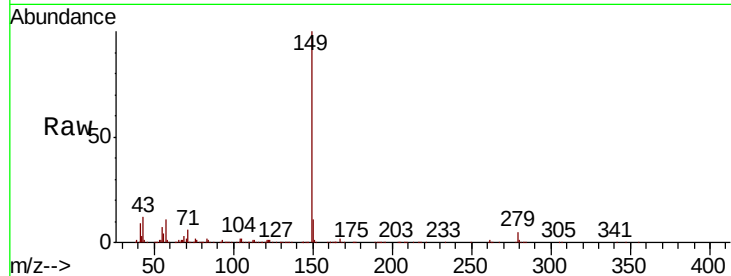
167 1.7 1.3 1.9

43 11.1 10.2 15.4

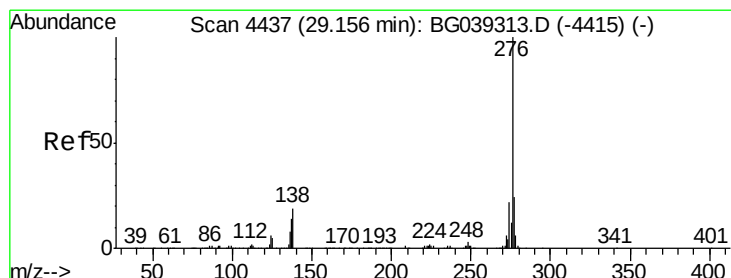
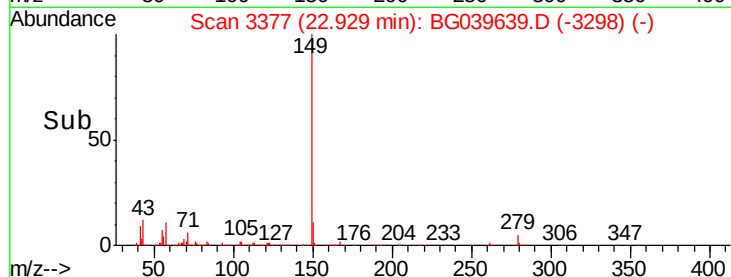
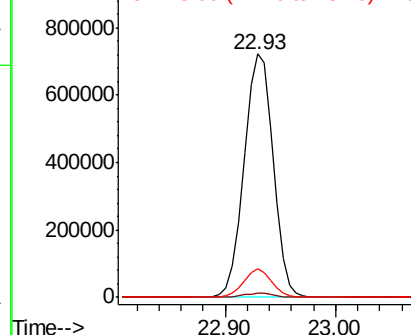
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.203 ng

RT: 29.09 min Scan# 4426

Delta R.T. -0.06 min

Lab File: BG039639.D

Acq: 27 Feb 2019 17:57

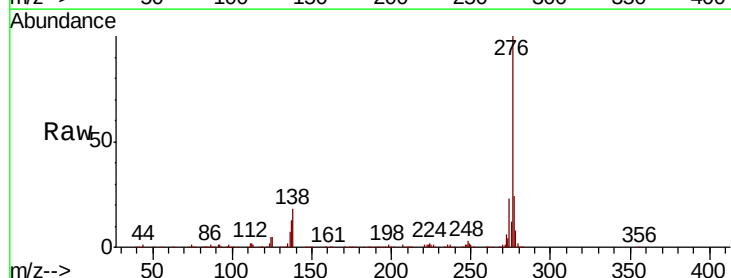
Tgt Ion:276 Resp: 1471739

Ion Ratio Lower Upper

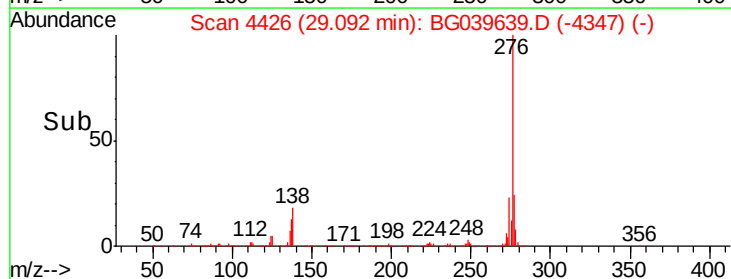
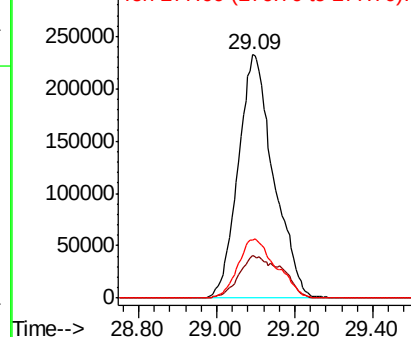
276 100

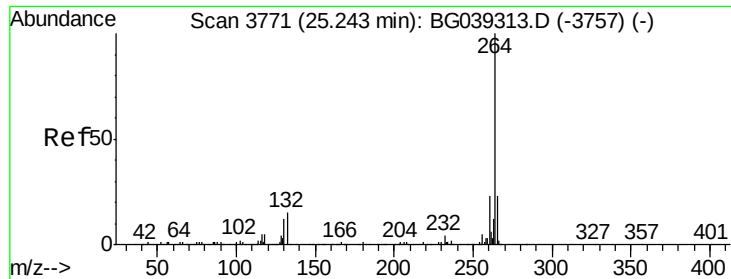
138 21.0 12.6 19.0#

277 26.1 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





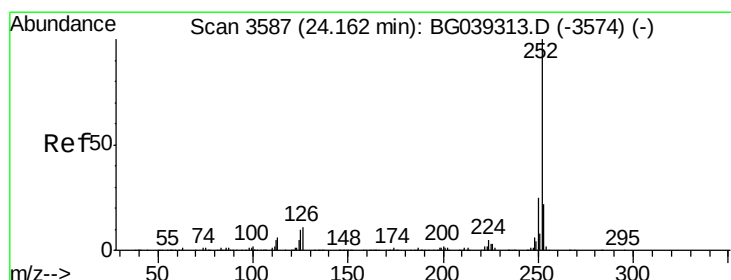
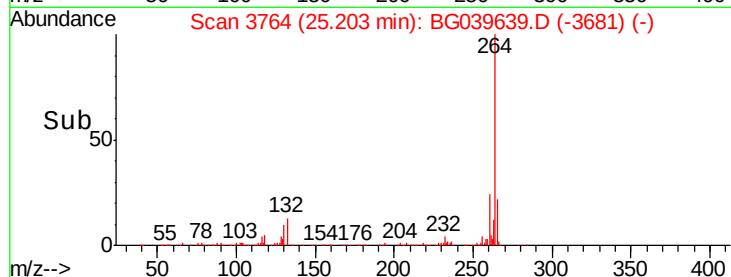
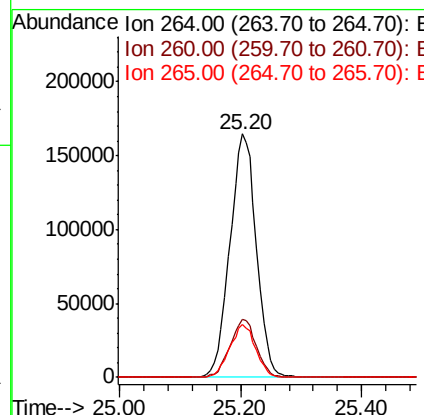
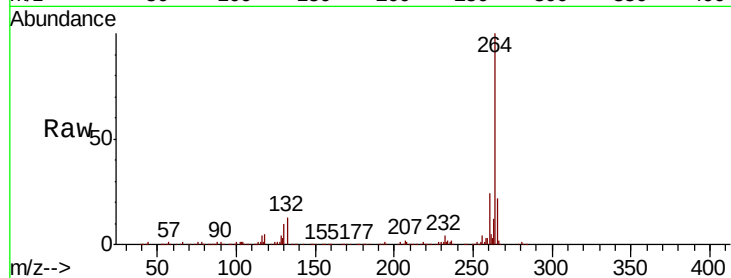
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.7	18.5	27.7

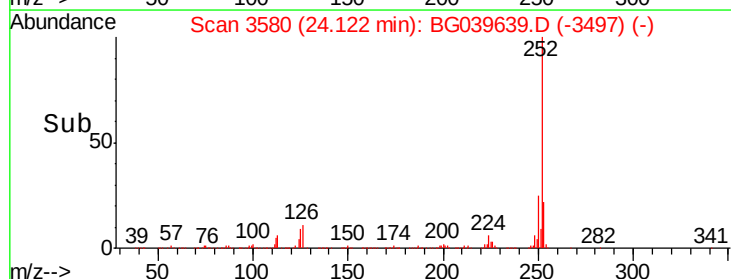
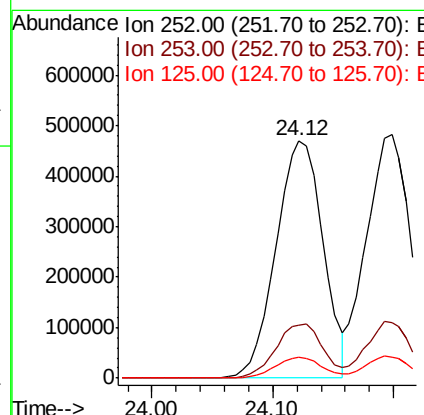
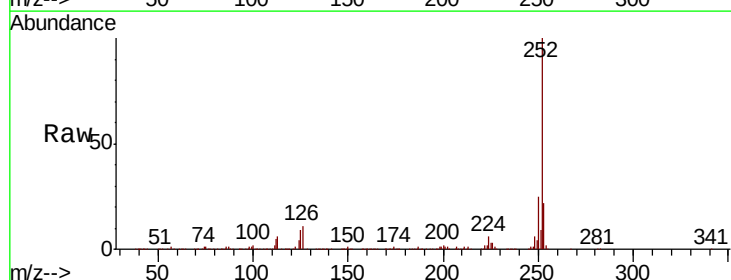
Manual Integrations
APPROVED

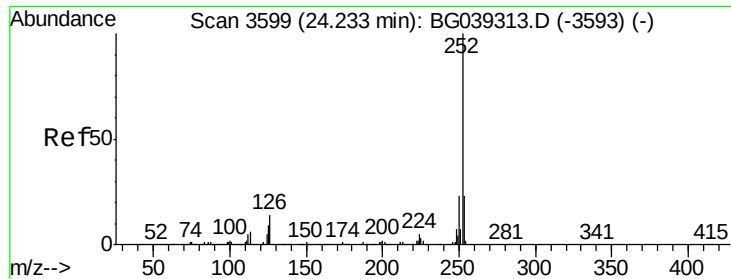
Sohil
2/28/2019 1:32:06 PM



#88
Benzo(b)fluoranthene
Concen: 46.604 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.04 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	8.8	7.8	11.6





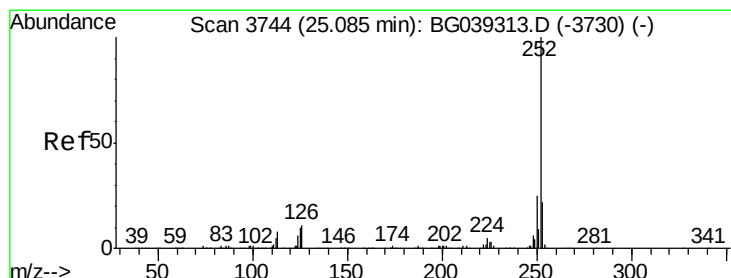
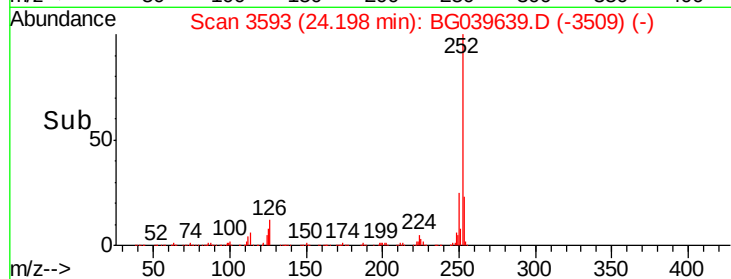
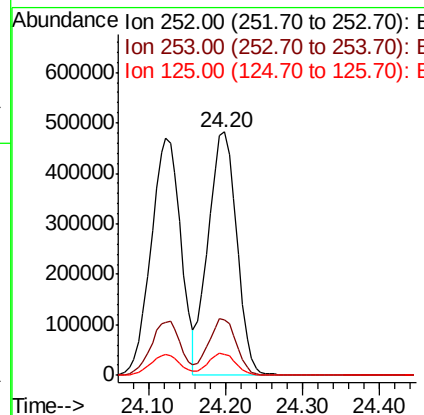
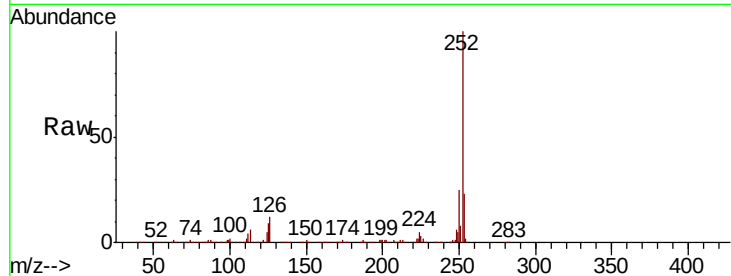
#89
Benzo(k)fluoranthene
Concen: 45.182 ng
RT: 24.20 min Scan# 3593
Delta R.T. -0.03 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	8.5	7.4	11.2

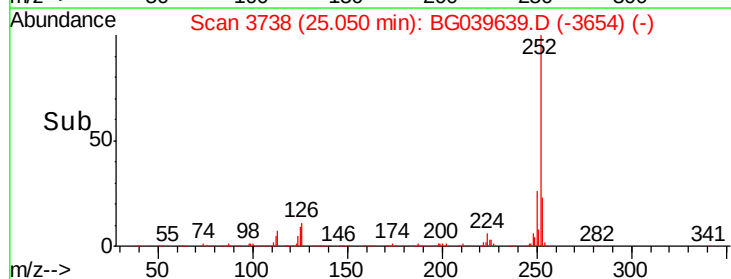
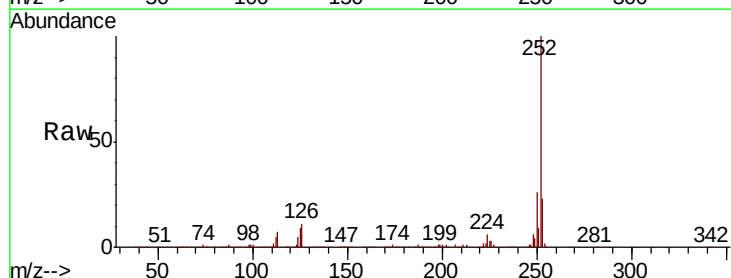
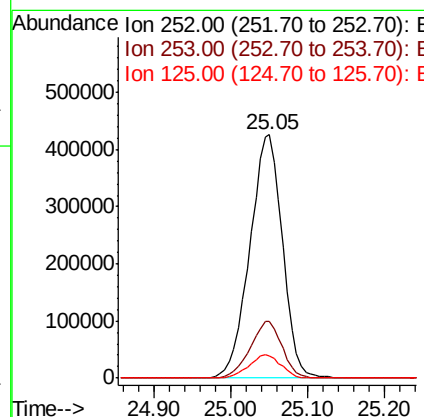
Manual Integrations
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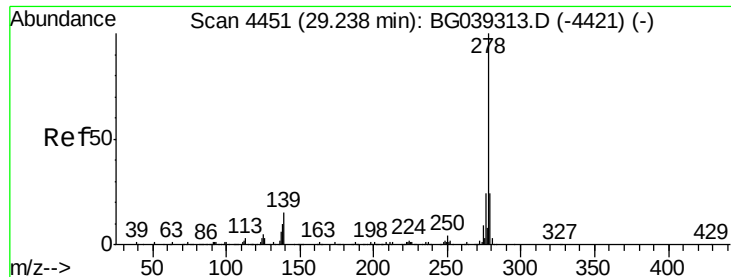
Sohil
2/28/2019 1:32:06 PM



#90
Benzo(a)pyrene
Concen: 48.170 ng
RT: 25.05 min Scan# 3738
Delta R.T. -0.03 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	9.3	8.3	12.5





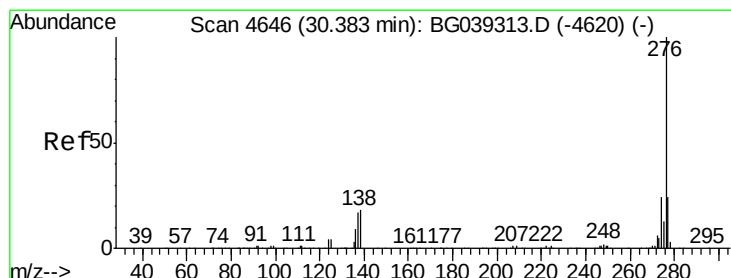
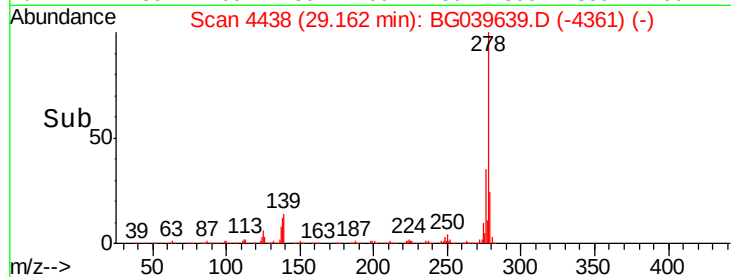
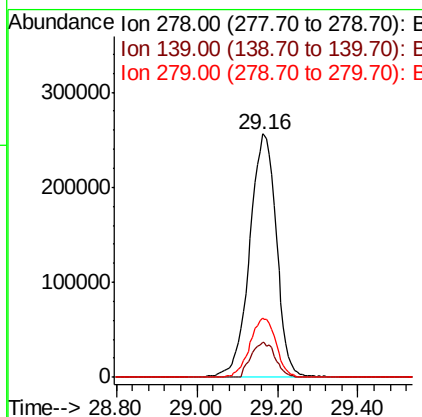
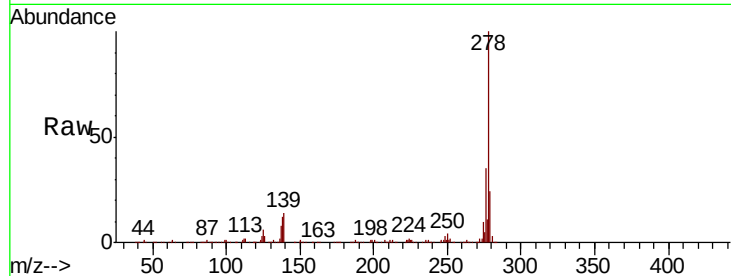
#91
Dibenzo(a,h)anthracene
Concen: 48.373 ng
RT: 29.16 min Scan# 4438
Delta R.T. -0.08 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.7	17.5
279	24.1	19.1	28.7

Manual Integrations
APPROVED

Sohil
2/28/2019 1:32:06 PM



#92
Benzo(g,h,i)perylene
Concen: 49.594 ng
RT: 30.33 min Scan# 4637
Delta R.T. -0.05 min
Lab File: BG039639.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	17.9	14.7	22.1

