

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
 Data File : BG039449.D
 Acq On : 12 Feb 2019 00:43
 Operator : JU/SJ
 Sample : PB116987BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

Manual Integrations
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Sohil
 2/12/2019 12:07:50 PM

Quant Time: Feb 12 04:31:20 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	51947	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	245209	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	173699	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	408962	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	402923	20.00	ng	-0.02
87) Perylene-d12	25.21	264	414995	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	295611	97.40	ng	0.00
7) Phenol-d6	7.31	99	421613	94.37	ng	-0.01
23) Nitrobenzene-d5	9.35	82	236048	60.14	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	165137	88.29	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	628308	51.89	ng	-0.02
79) Terphenyl-d14	20.13	244	968394	50.87	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.60	88	29669	22.347	ng	94
3) Pyridine	4.00	79	82004	23.329	ng	94
4) n-Nitrosodimethylamine	3.92	42	44201	25.144	ng	81
6) Aniline	7.50	93	57221	10.225	ng	99
8) 2-Chlorophenol	7.73	128	106981	32.245	ng	94
9) Benzaldehyde	7.31	77	43772	16.090	ng	97
10) Phenol	7.34	94	147002	31.564	ng	94
11) bis(2-Chloroethyl)ether	7.58	93	97645	26.534	ng	99
12) 1,3-Dichlorobenzene	8.06	146	100845	25.091	ng	94
13) 1,4-Dichlorobenzene	8.21	146	105261	26.276	ng	99
14) 1,2-Dichlorobenzene	8.52	146	101796	26.249	ng	98
15) Benzyl Alcohol	8.41	79	99510	28.371	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	185601	22.333	ng	98
17) 2-Methylphenol	8.60	107	95115	31.560	ng	93
18) Hexachloroethane	9.26	117	35172	25.520	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	81175	25.599	ng	94
20) 3+4-Methylphenols	8.92	107	130468	31.437	ng	97
22) Acetophenone	9.00	105	156952	23.829	ng	# 94
24) Nitrobenzene	9.39	77	122714	28.939	ng	98
25) Isophorone	9.90	82	236808	27.225	ng	98
26) 2-Nitrophenol	10.10	139	56884	37.342	ng	98
27) 2,4-Dimethylphenol	10.14	122	113833	32.352	ng	95
28) bis(2-Chloroethoxy)methane	10.39	93	146467	27.339	ng	98
29) 2,4-Dichlorophenol	10.63	162	119429	31.056	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	114795	26.589	ng	100
31) Naphthalene	11.04	128	329854	27.116	ng	99
32) Benzoic acid	10.22	122	26920m	18.509	ng	
33) 4-Chloroaniline	11.15	127	52204	9.255	ng	97
34) Hexachlorobutadiene	11.31	225	70735	24.636	ng	91
35) Caprolactam	11.92	113	41848	26.298	ng	# 85
36) 4-Chloro-3-methylphenol	12.25	107	131926	29.664	ng	97
37) 2-Methylnaphthalene	12.64	142	261495	29.023	ng	96
38) 1-Methylnaphthalene	12.85	142	249923	28.776	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	142967	25.869	ng	99

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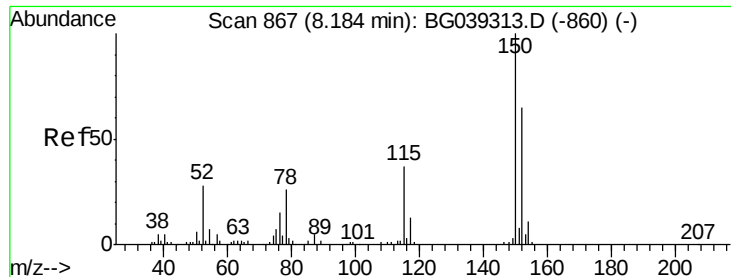
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	179116	59.477	nq	99
43) 2,4,6-Trichlorophenol	13.23	196	102921	30.288	nq	98
44) 2,4,5-Trichlorophenol	13.30	196	110882	31.134	nq	98
46) 1,1'-Biphenyl	13.63	154	358912	24.834	nq	99
47) 2-Chloronaphthalene	13.68	162	279613	25.718	nq	97
48) 2-Nitroaniline	13.88	65	91663	32.573	nq	98
49) Acenaphthylene	14.52	152	451281	27.509	nq	99
50) Dimethylphthalate	14.24	163	377920	26.939	nq	100
51) 2,6-Dinitrotoluene	14.37	165	84425	34.359	nq	95
52) Acenaphthene	14.86	154	280798	26.369	nq	99
53) 3-Nitroaniline	14.70	138	43334	19.262	nq #	91
54) 2,4-Dinitrophenol	14.90	184	15273	21.335	nq	93
55) Dibenzofuran	15.19	168	451899	26.468	nq	98
56) 4-Nitrophenol	14.99	139	131568	53.907	nq	87
57) 2,4-Dinitrotoluene	15.15	165	112324	35.818	nq #	84
58) Fluorene	15.84	166	358384	28.158	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	110733	33.207	nq	95
60) Diethylphthalate	15.59	149	374789	25.839	nq	99
61) 4-Chlorophenyl-phenylether	15.83	204	190282	26.403	nq	96
62) 4-Nitroaniline	15.86	138	81087	29.353	nq	95
63) Azobenzene	16.12	77	338664	23.889	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	21068	18.922	nq	94
66) n-Nitrosodiphenylamine	16.04	169	325541	26.179	nq	96
67) 4-Bromophenyl-phenylether	16.72	248	123168	27.148	nq	94
68) Hexachlorobenzene	16.83	284	125224	27.510	nq	96
69) Atrazine	16.98	200	122551	26.968	nq	96
70) Pentachlorophenol	17.18	266	111016	35.091	nq	98
71) Phenanthrene	17.58	178	583318	27.558	nq	99
72) Anthracene	17.67	178	590634	28.329	nq	99
73) Carbazole	17.94	167	504430	24.243	nq	97
74) Di-n-butylphthalate	18.47	149	598738	24.665	nq	99
75) Fluoranthene	19.58	202	679044	27.640	nq	99
77) Benzidine	19.76	184	148670	11.254	nq	98
78) Pyrene	19.94	202	678449	27.048	nq	99
80) Butylbenzylphthalate	20.81	149	274182	25.913	nq	92
81) Benzo(a)anthracene	21.81	228	665669	27.959	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	106216	12.032	nq	98
83) Chrysene	21.88	228	615469	27.156	nq	97
84) Bis(2-ethylhexyl)phthalate	21.68	149	384135	25.447	nq	99
85) Di-n-octyl phthalate	22.95	149	663218	26.594	nq	95
86) Indeno(1,2,3-cd)pyrene	29.10	276	735675	30.254	nq	99
88) Benzo(b)fluoranthene	24.13	252	645925	28.540	nq	98
89) Benzo(k)fluoranthene	24.20	252	627470	27.615	nq	98
90) Benzo(a)pyrene	25.05	252	624913	28.671	nq	99
91) Dibenzo(a,h)anthracene	29.17	278	596902	29.242	nq	98
92) Benzo(g,h,i)perylene	30.32	276	610796	30.021	nq	97

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



#1

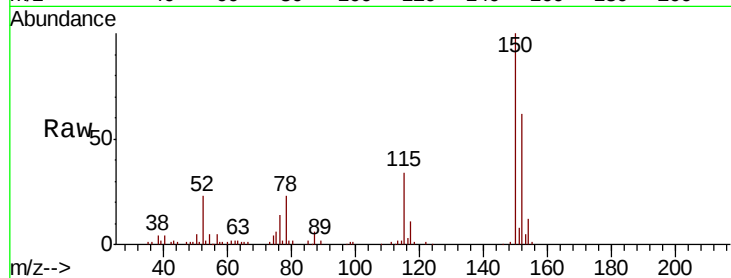
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	123.7	185.5
115	55.4	45.9	68.9

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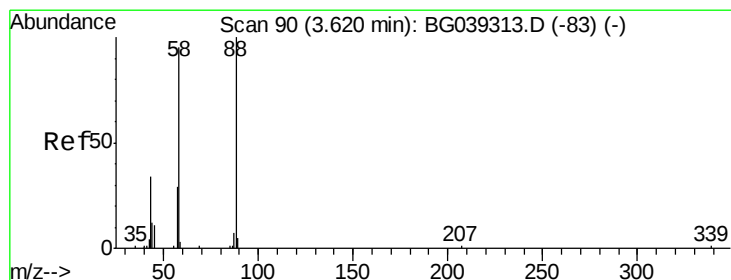
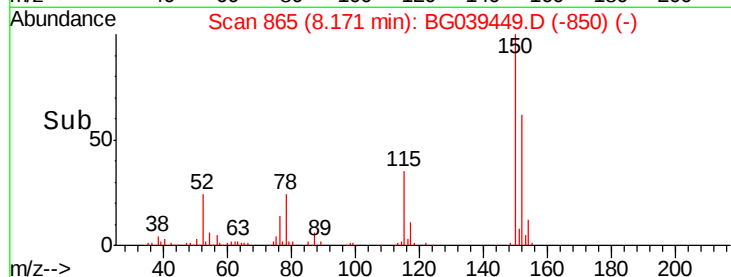
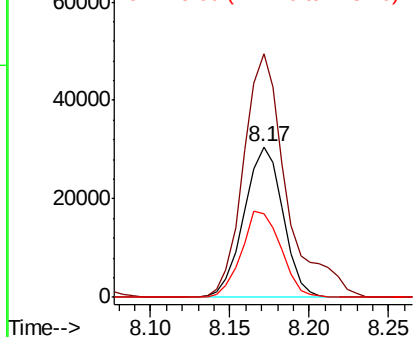


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

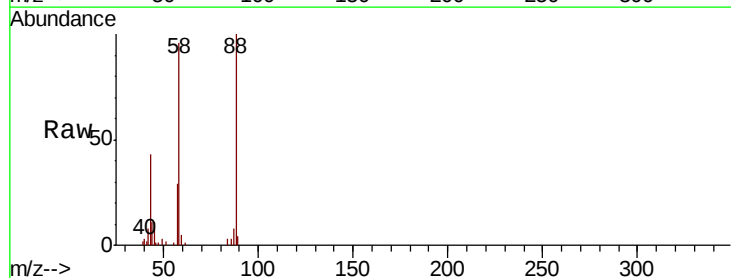
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 22.347 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.9	81.1	121.7
43	39.6	31.4	47.0

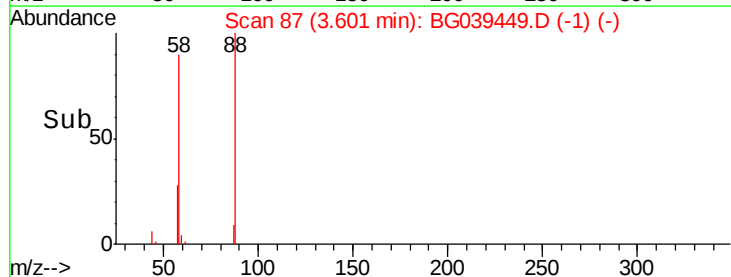
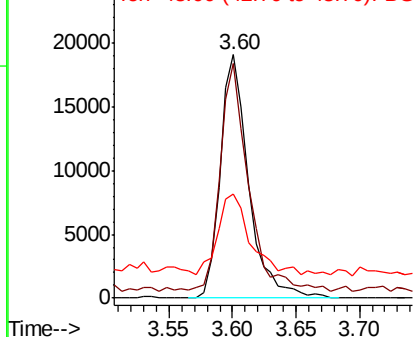


Abundance

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: 23.329 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

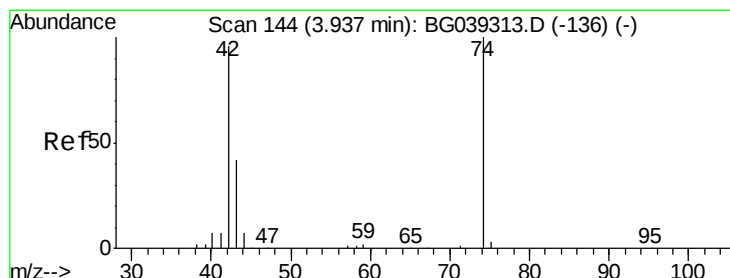
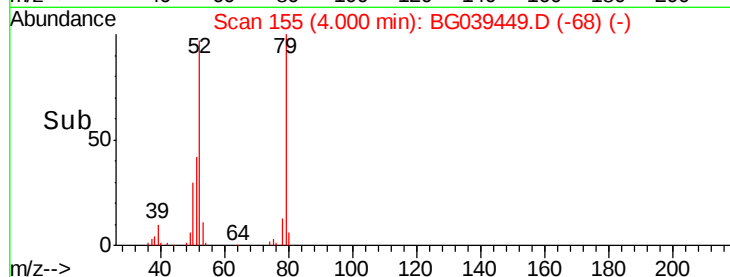
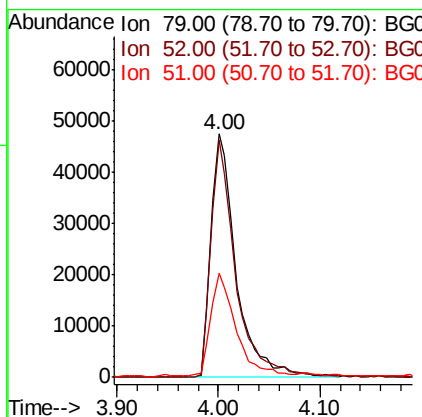
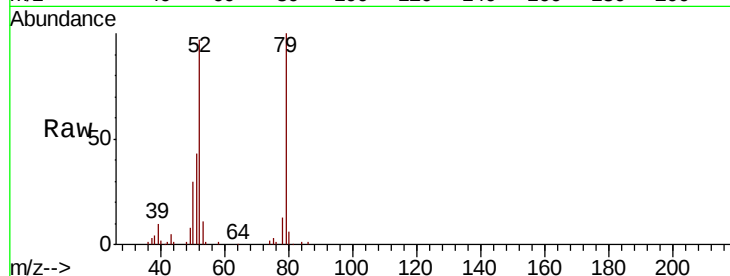
ClientSampleId :

PB116987BS

Tot Ion:	79	Resp:	82004
Ion	Ratio	Lower	Upper
79	100		
52	97.4	82.6	124.0
51	42.9	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 25.144 ng

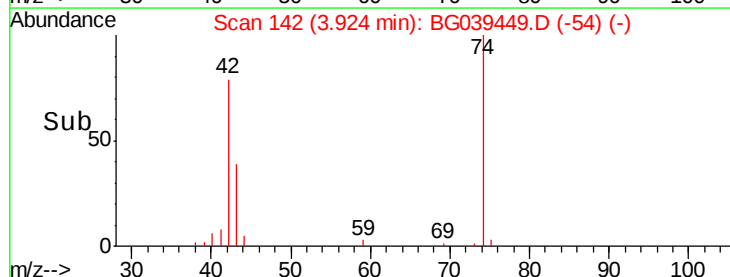
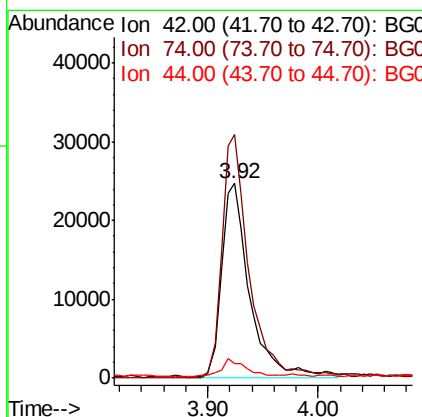
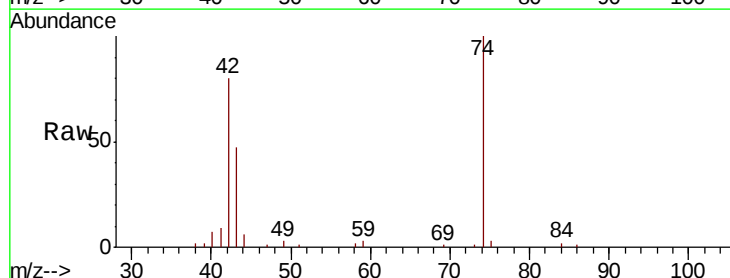
RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Tgt Ion:	42	Resp:	44201
Ion	Ratio	Lower	Upper
42	100		
74	125.1	83.6	125.4
44	7.8	6.9	10.3





#5

2-Fluorophenol

Concen: 97.396 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

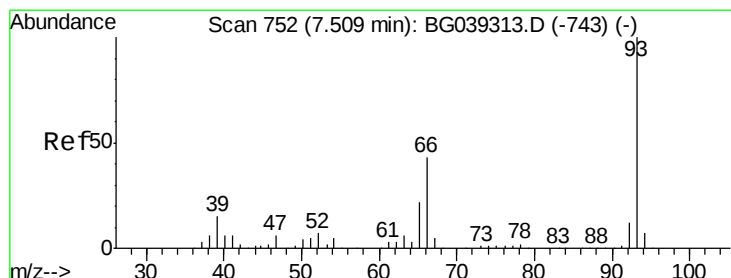
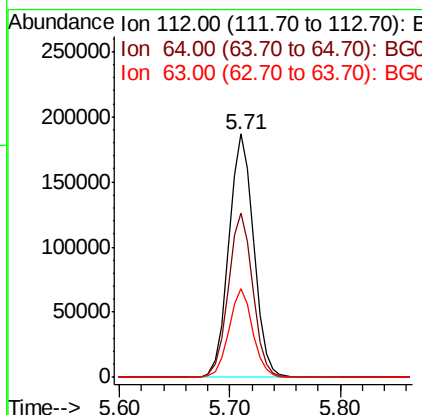
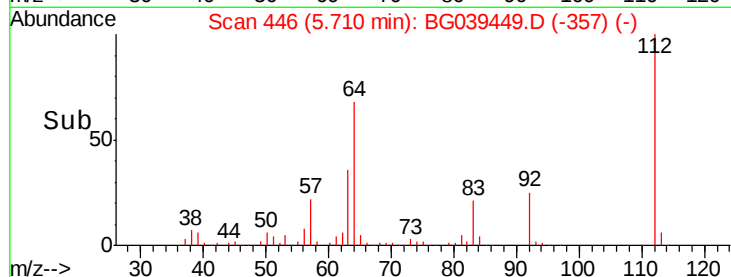
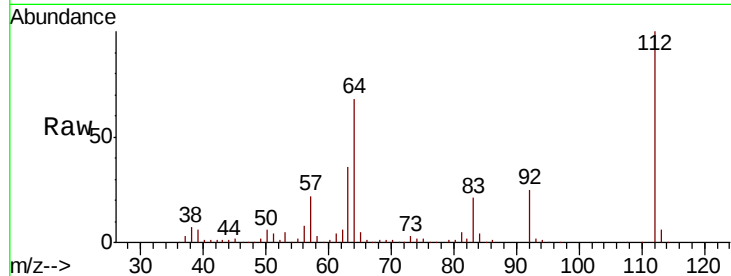
ClientSampled :

PB116987BS

Tot Ion:	112	Resp:	295611
Ion Ratio	Lower	Upper	
112	100		
64	67.7	57.8	86.8
63	36.3	29.8	44.6

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#6

Aniline

Concen: 10.225 ng

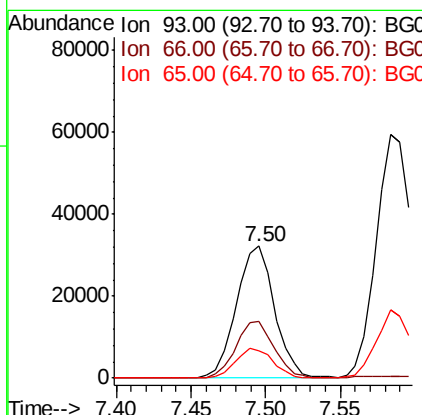
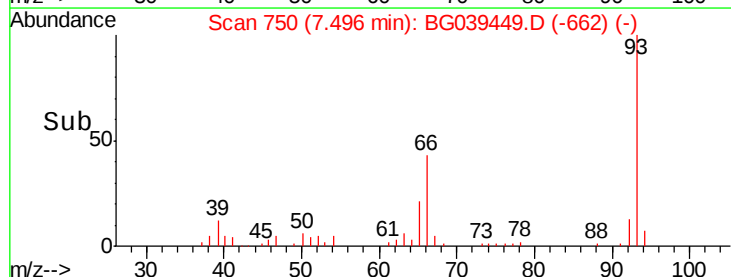
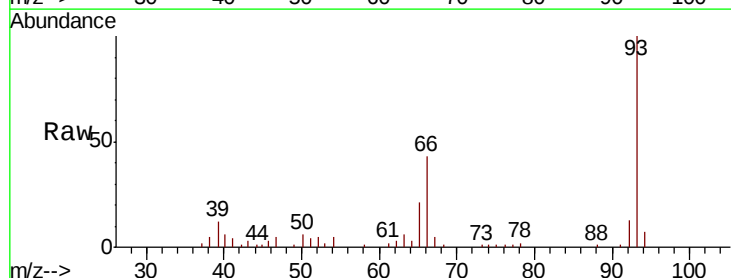
RT: 7.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Tgt Ion:	93	Resp:	57221
Ion Ratio	Lower	Upper	
93	100		
66	42.8	34.2	51.4
65	20.9	17.7	26.5





#7

Phenol-d6

Concen: 94.370 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

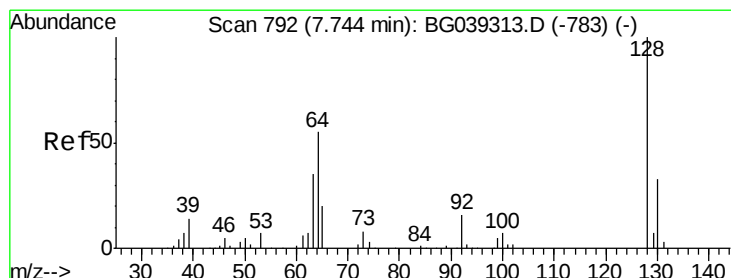
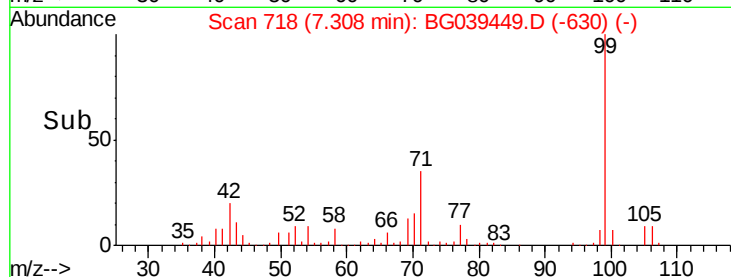
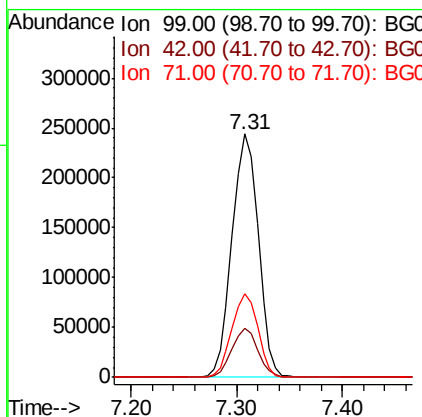
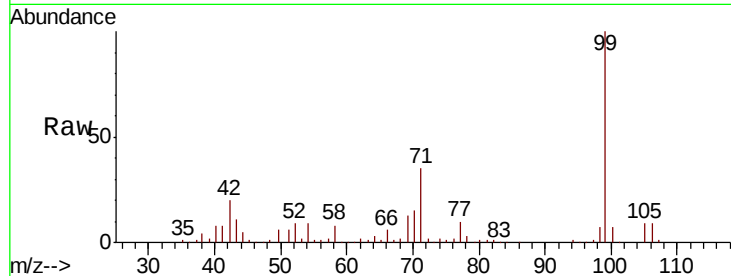
ClientSampled :

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Tot Ion:	99	Resp:	421613
Ion Ratio	Lower	Upper	
99	100		
42	20.4	18.2	27.2
71	34.5	28.0	42.0

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#8

2-Chlorophenol

Concen: 32.245 ng

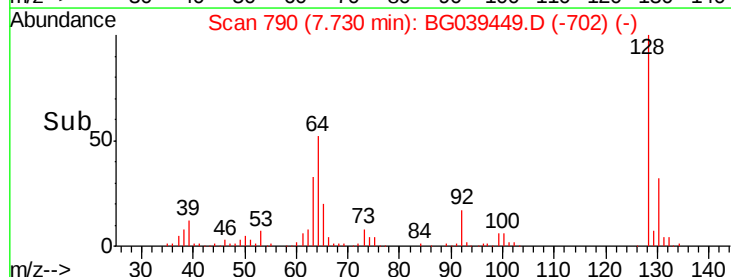
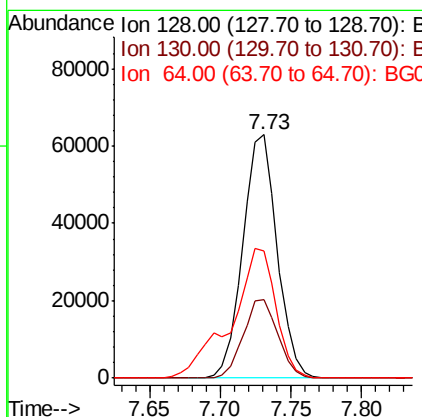
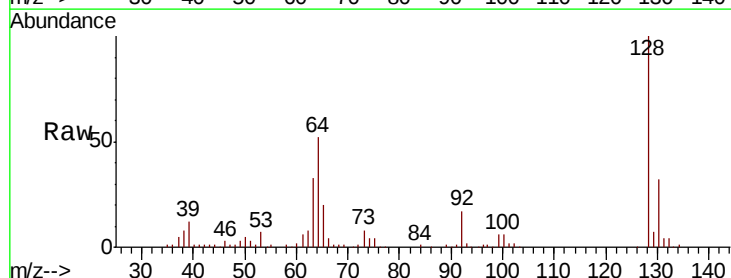
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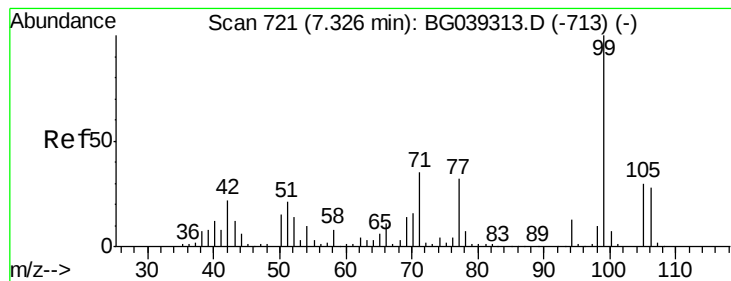
Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Tgt Ion:	128	Resp:	106981
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.9	52.9
64	52.4	38.7	78.7





#9

Benzaldehyde

Concen: 16.090 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

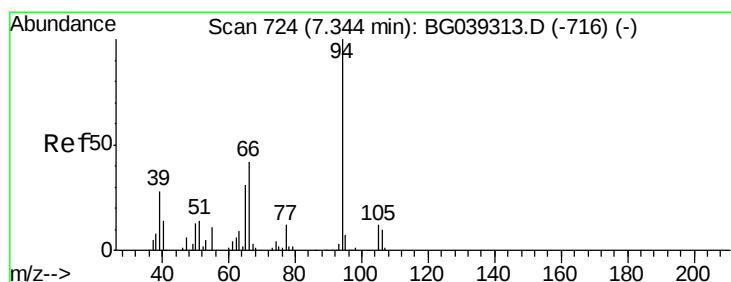
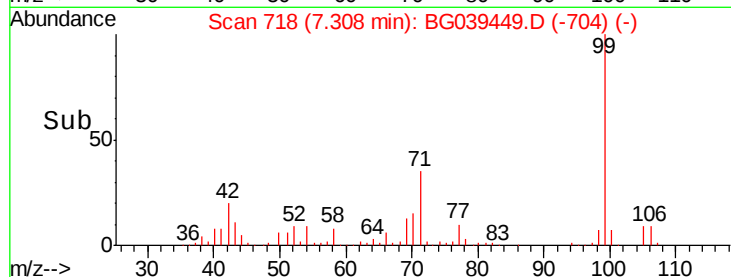
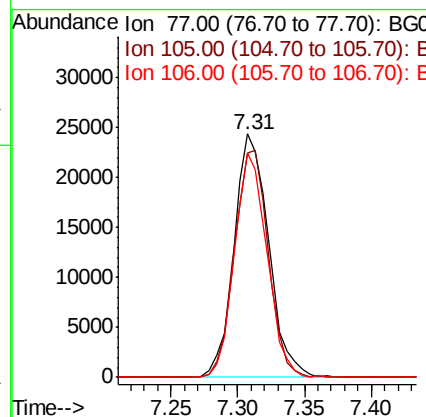
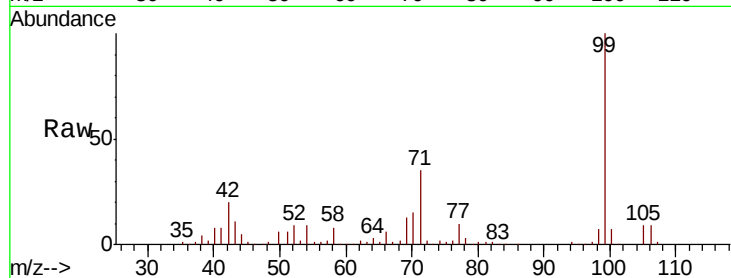
ClientSampled :

PB116987BS

Tot Ion:	77	Resp:	43772
Ion	Ratio	Lower	Upper
77	100		
105	92.1	74.5	114.5
106	92.1	68.0	108.0

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#10

Phenol

Concen: 31.564 ng

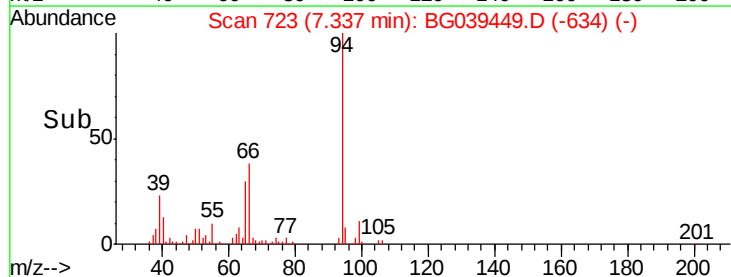
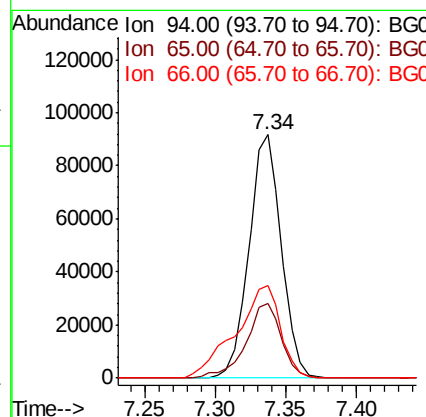
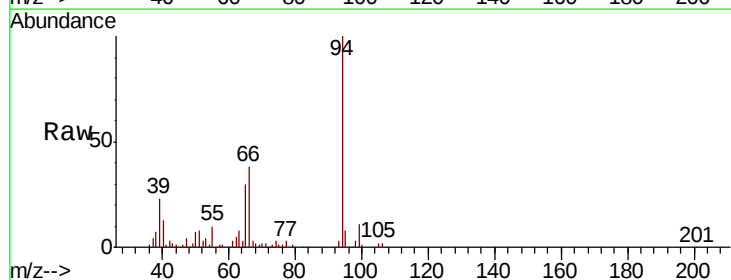
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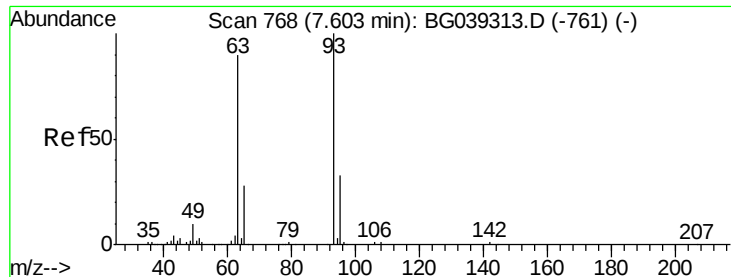
Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Tgt Ion:	94	Resp:	147002
Ion	Ratio	Lower	Upper
94	100		
65	30.4	11.7	51.7
66	38.0	23.7	63.7





#11

bis(2-Chloroethyl)ether

Concen: 26.534 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

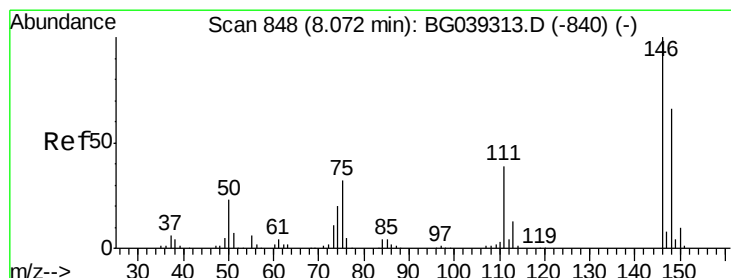
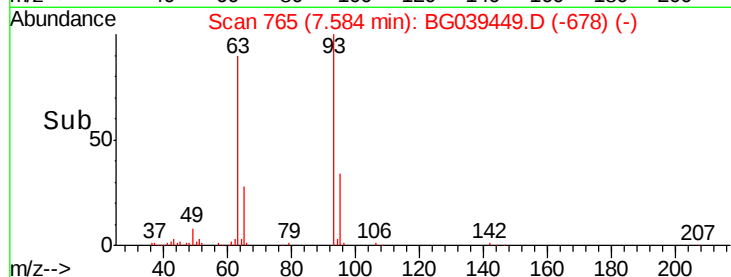
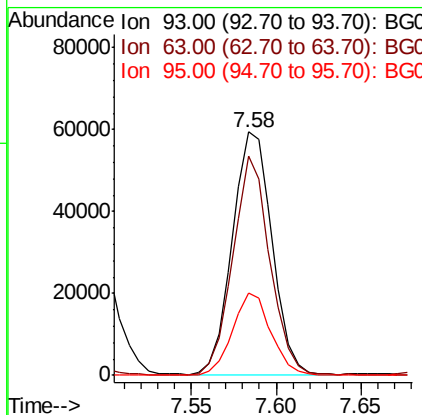
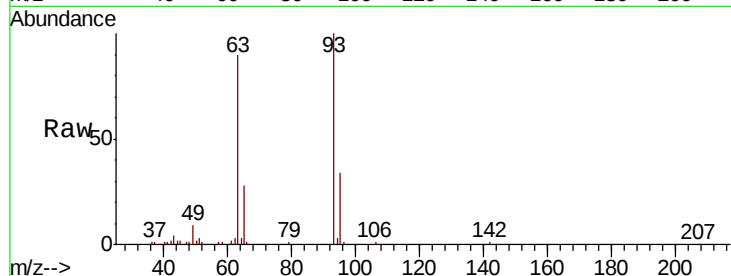
ClientSampleId :

PB116987BS

Tot Ion:	93	Resp:	97645
Ion	Ratio	Lower	Upper
93	100		
63	89.8	69.5	109.5
95	33.7	12.7	52.7

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#12

1,3-Dichlorobenzene

Concen: 25.091 ng

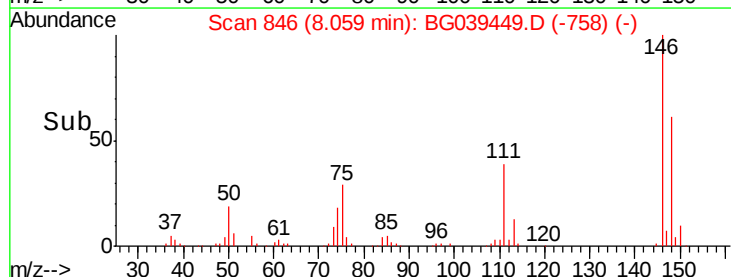
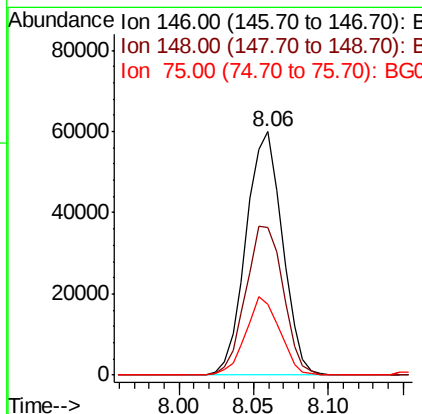
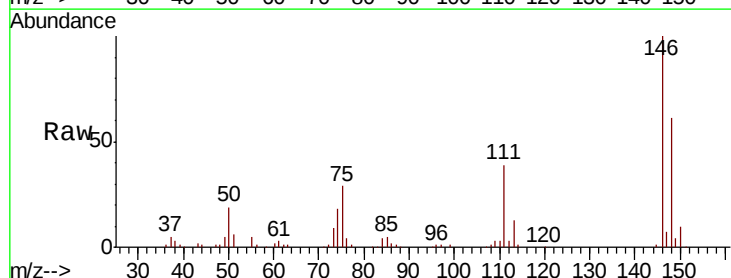
RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Tgt Ion:	146	Resp:	100845
Ion	Ratio	Lower	Upper
146	100		
148	60.7	52.6	79.0
75	29.2	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 26.276 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

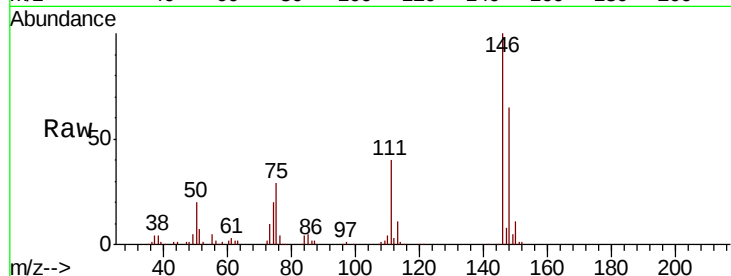
ClientSampleId :

PB116987BS

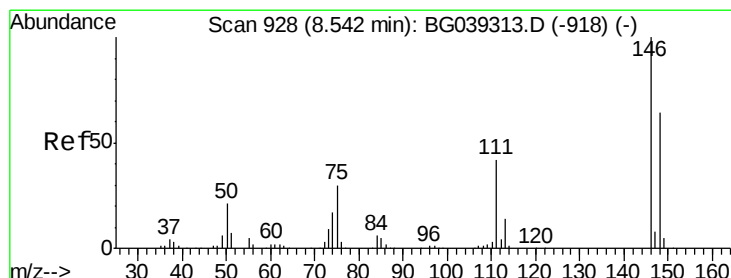
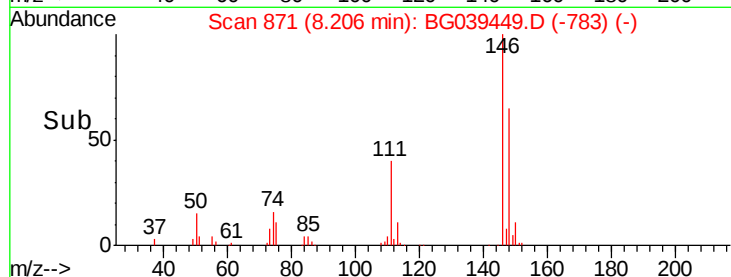
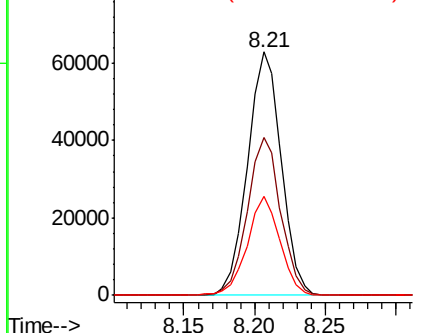
Tot Ion:	146	Resp:	105261
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.1	76.7
111	40.5	32.6	48.8

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 26.249 ng

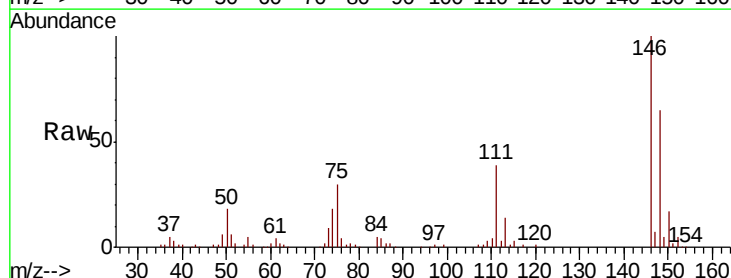
RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

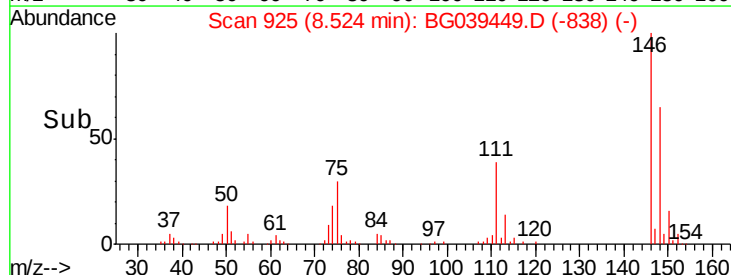
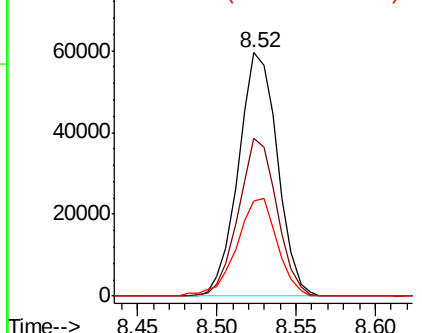
Lab File: BG039449.D

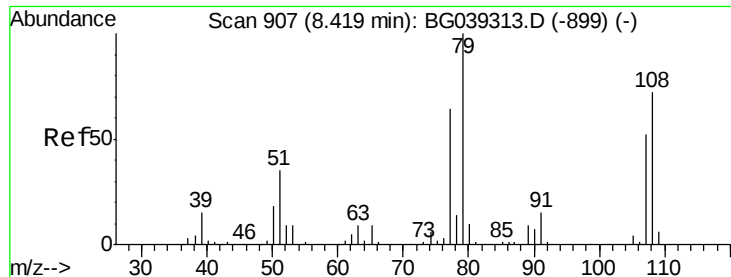
Acq: 12 Feb 2019 00:43

Tgt Ion:	146	Resp:	101796
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.5	77.3
111	38.9	33.8	50.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 28.371 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

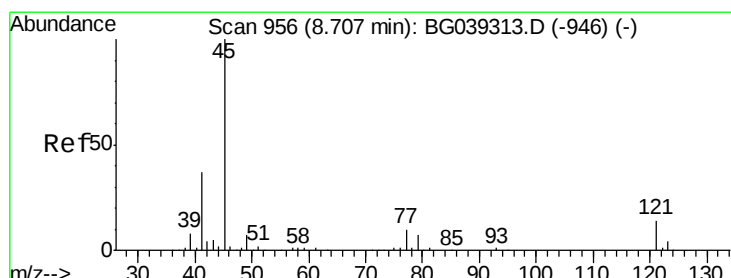
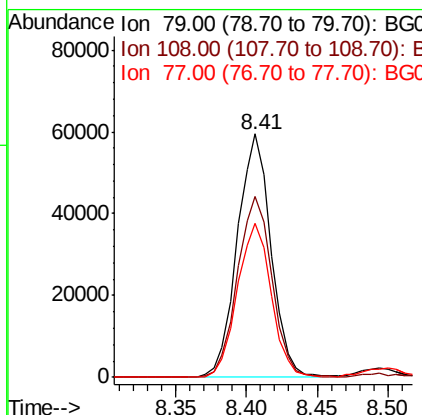
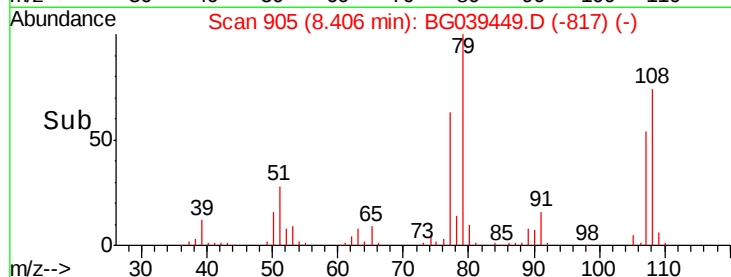
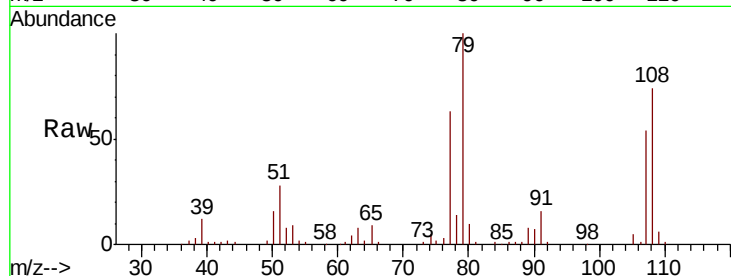
ClientSampled :

PB116987BS

Tot Ion:	79	Resp:	99510
Ion Ratio	Lower	Upper	
79	100		
108	74.3	57.8	86.6
77	63.2	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 22.333 ng

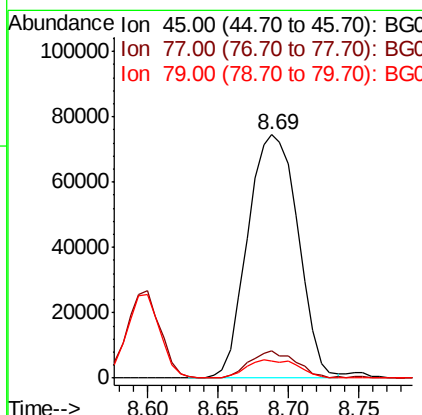
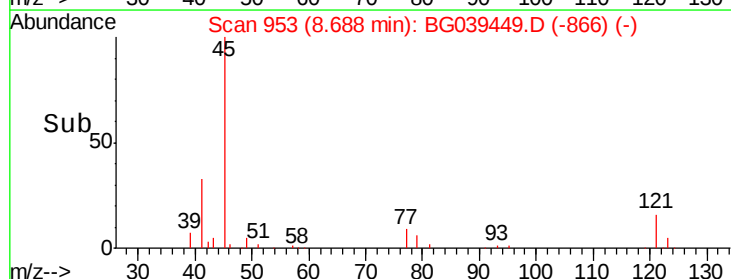
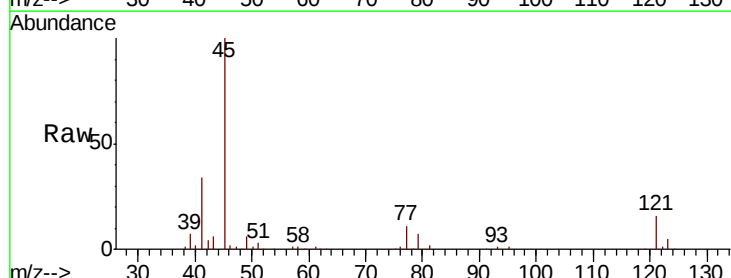
RT: 8.69 min Scan# 953

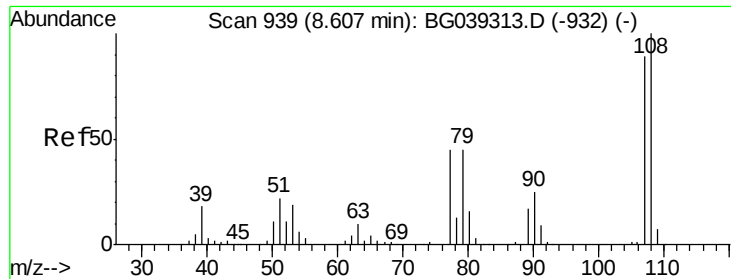
Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Tgt Ion:	45	Resp:	185601
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	30.0
79	7.2	0.0	27.5





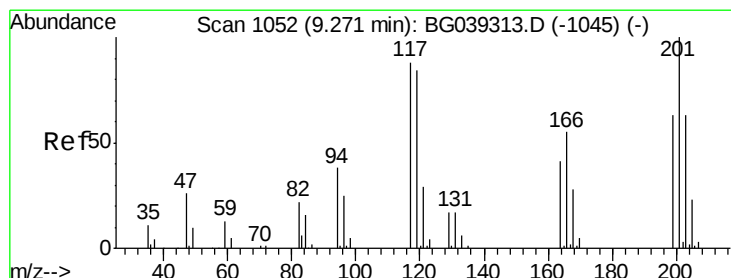
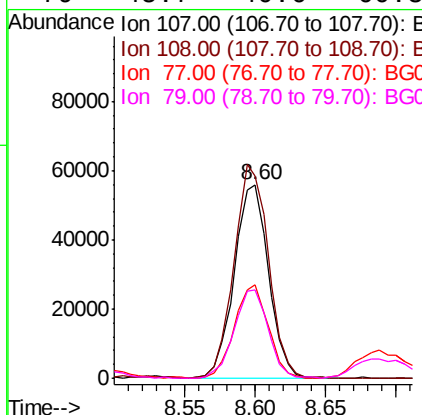
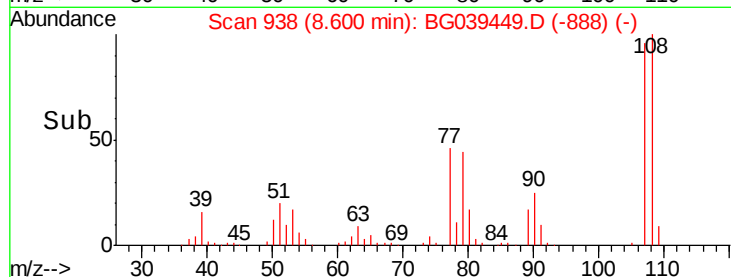
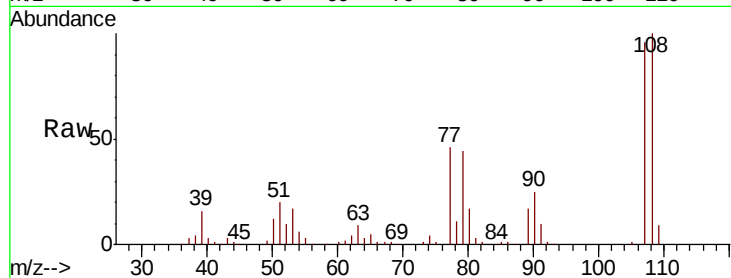
#17
2-Methylphenol
Concen: 31.560 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampled :
PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	104.2	90.8	136.2	
77	47.9	40.7	61.1	
79	45.7	40.6	60.8	

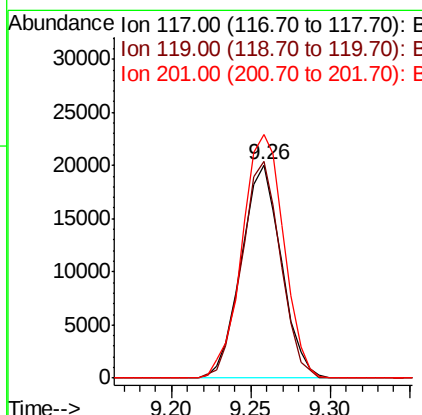
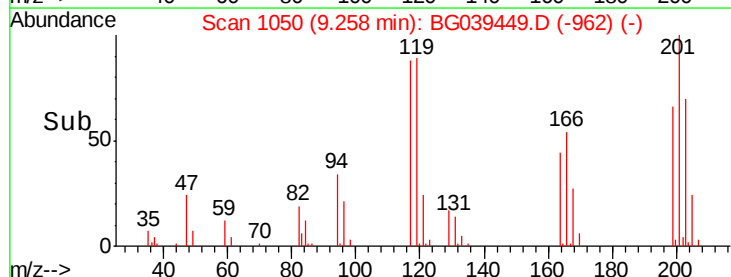
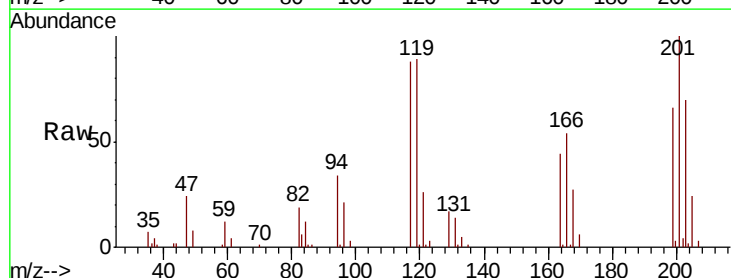
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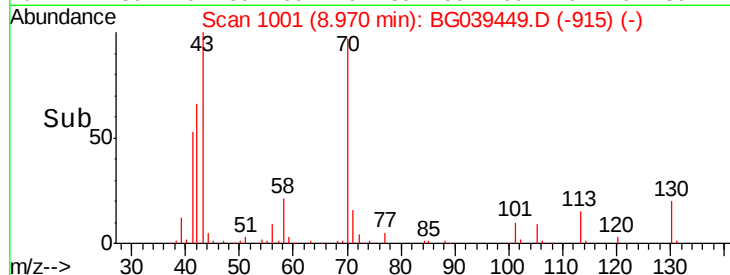
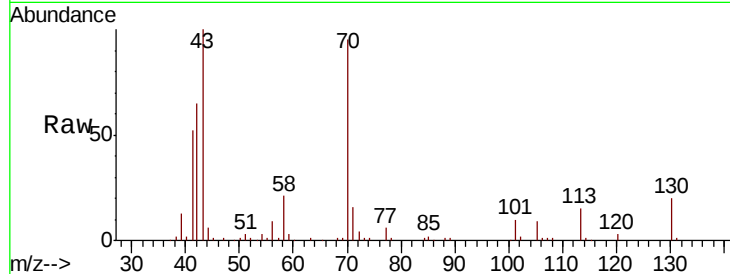
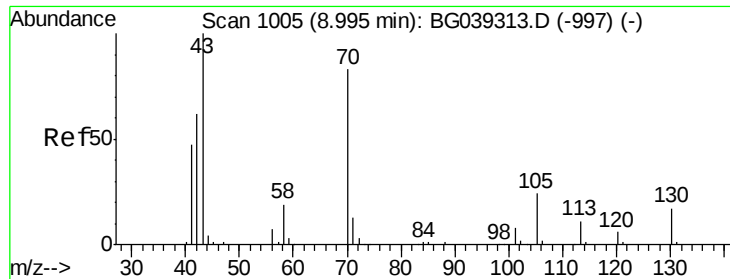
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#18
Hexachloroethane
Concen: 25.520 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.5	76.3	114.5	
201	114.1	91.1	136.7	





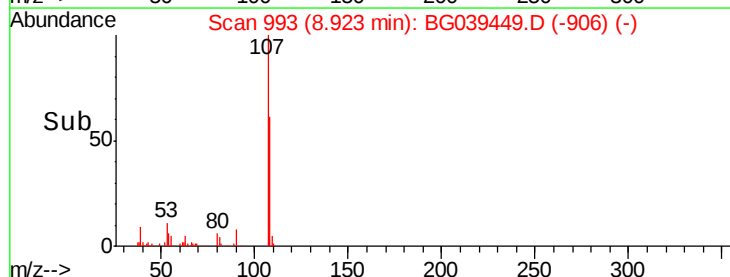
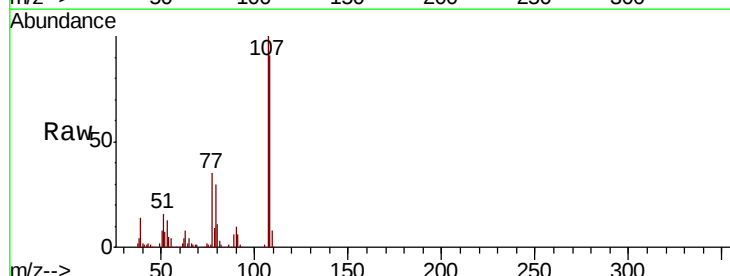
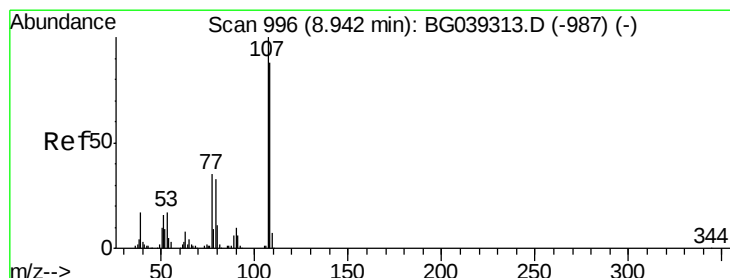
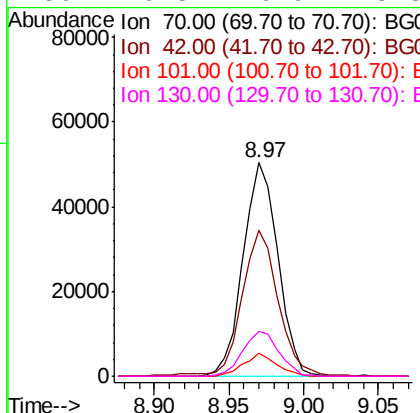
#19
n-Nitroso-di-n-propylamine
Concen: 25.599 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.6	60.4	90.6
101	10.7	7.5	11.3
130	20.8	16.9	25.3

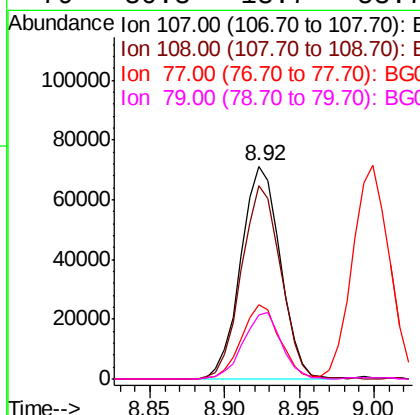
Manual Integrations
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#20
3+4-Methylphenols
Concen: 31.437 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.0	67.9	107.9
77	35.0	15.4	55.4
79	30.3	13.7	53.7





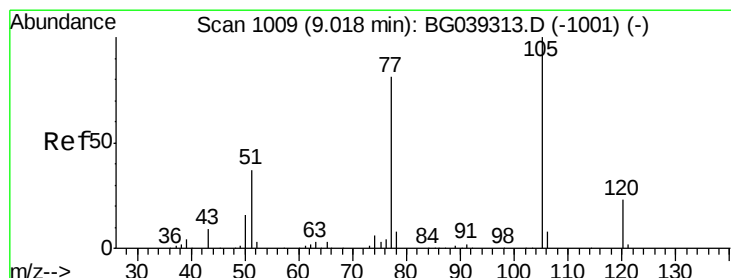
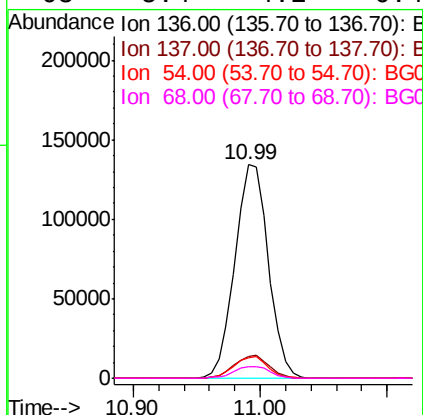
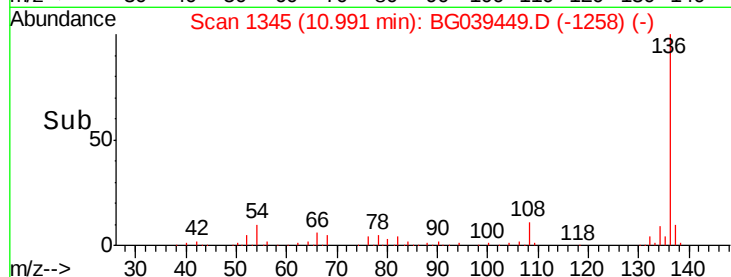
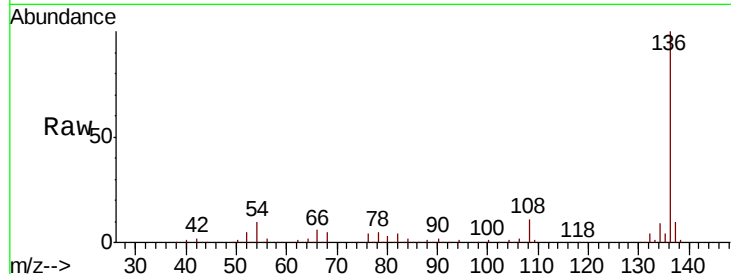
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	245209		
137	10.3		9.1	13.7
54	9.7		9.4	14.2
68	5.4		4.2	6.4

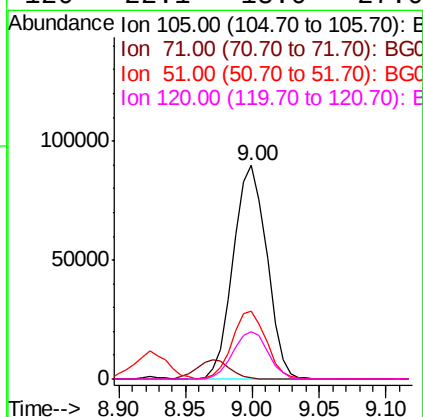
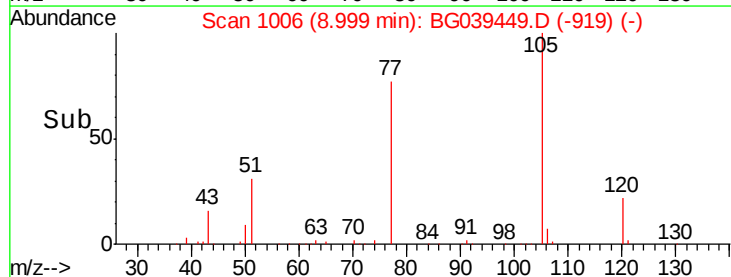
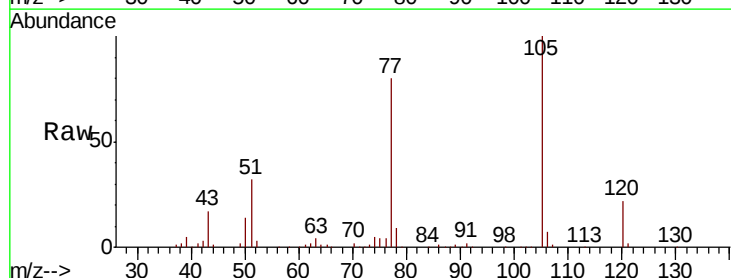
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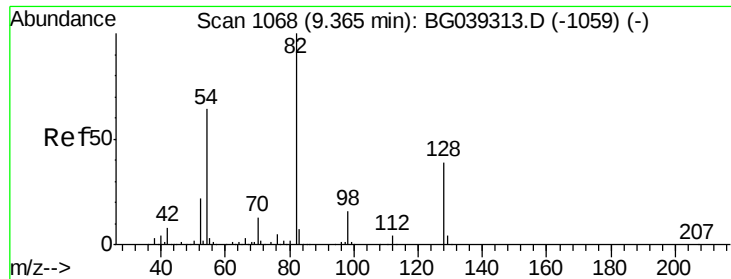
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#22
Acetophenone
Concen: 23.829 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	156952		
71	0.3		0.8	1.2#
51	31.8		30.2	45.2
120	22.1		18.0	27.0





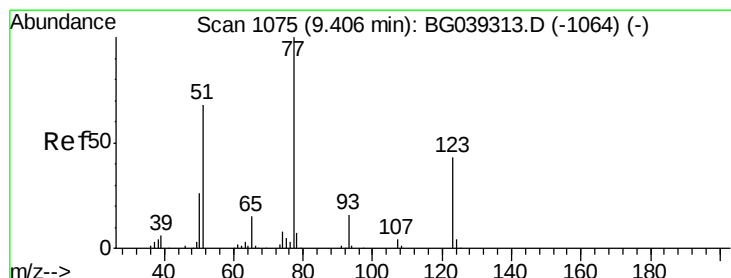
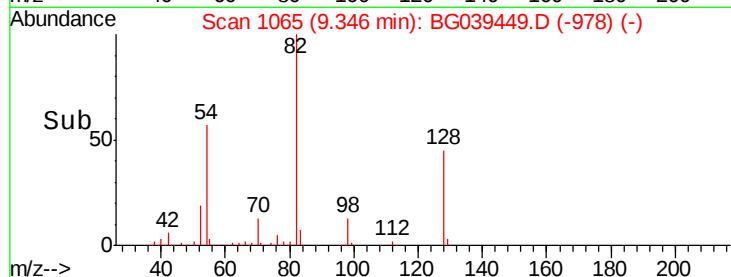
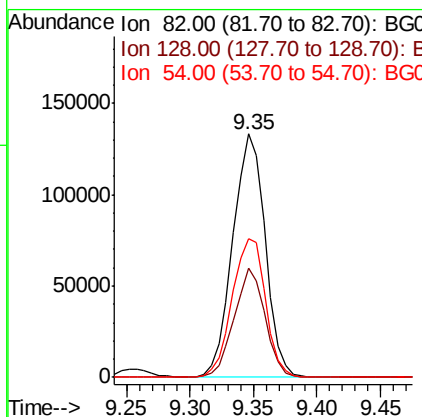
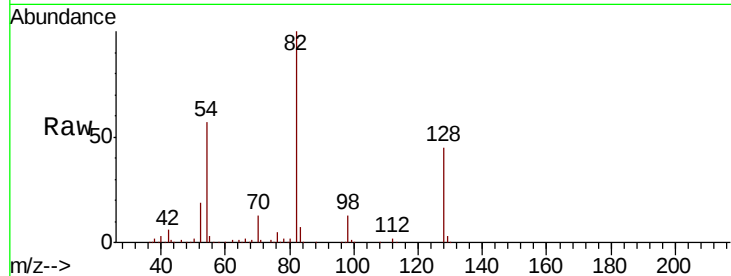
#23
Nitrobenzene-d5
Concen: 60.138 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	236048		
128	44.6	31.3	46.9	
54	56.9	50.9	76.3	

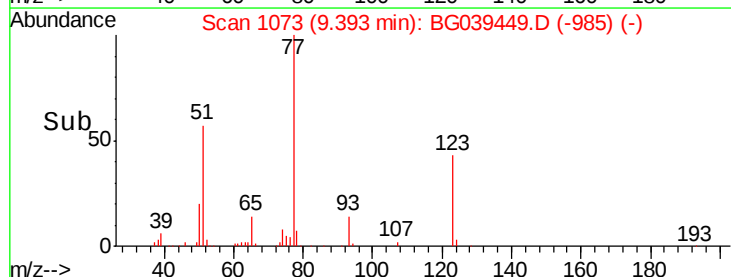
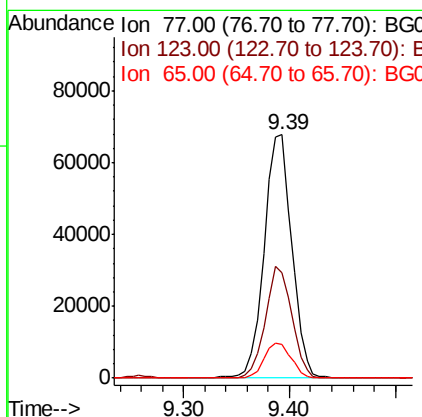
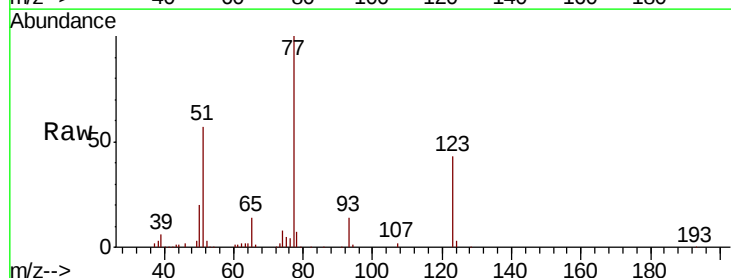
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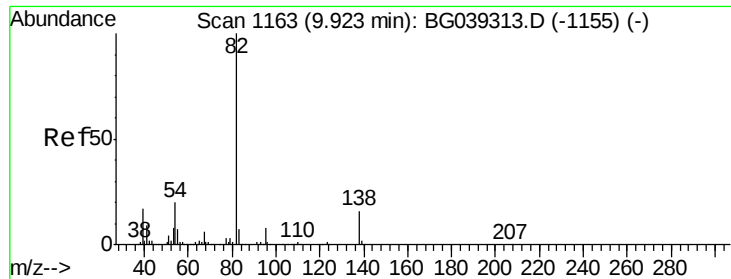
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#24
Nitrobenzene
Concen: 28.939 ng
RT: 9.39 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	122714		
123	43.3	34.1	51.1	
65	14.0	12.3	18.5	





#25

Isophorone

Concen: 27.225 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

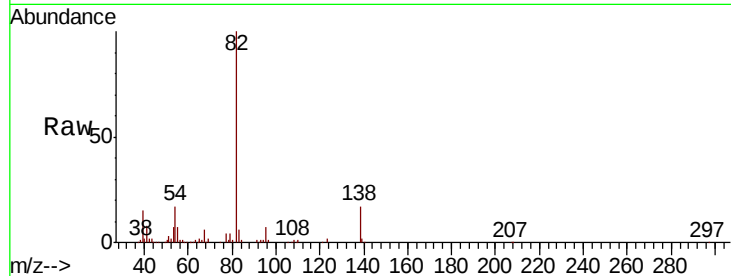
ClientSampleId :

PB116987BS

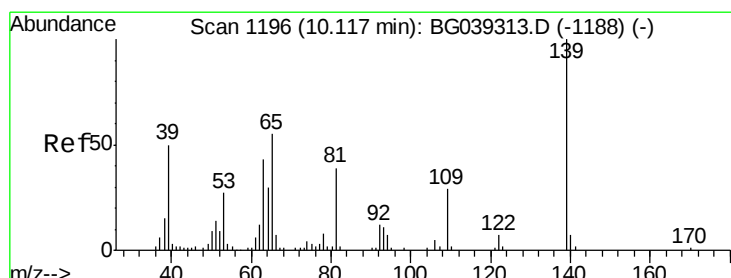
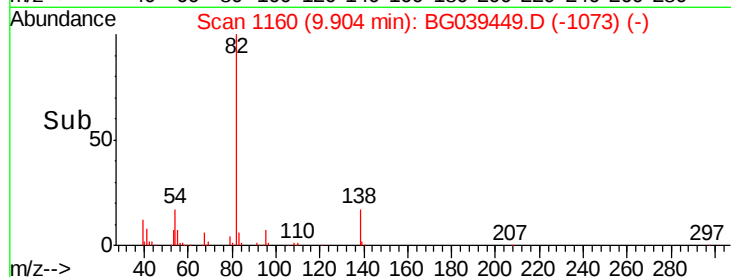
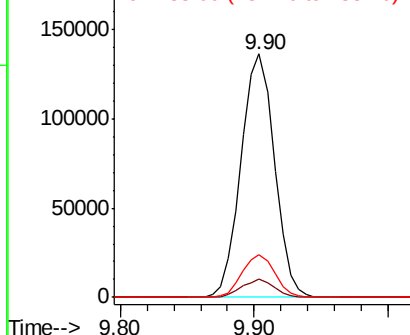
Tot Ion:	82	Resp:	236808
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.2	9.2
138	17.4	13.0	19.4

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 37.342 ng

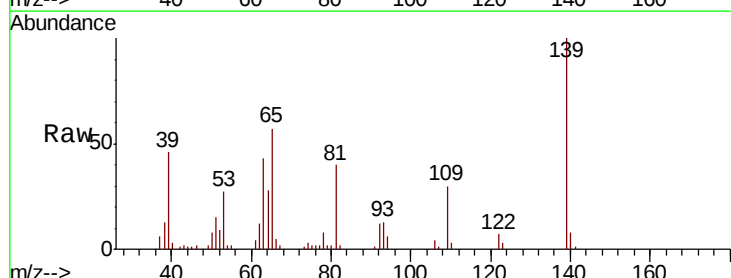
RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

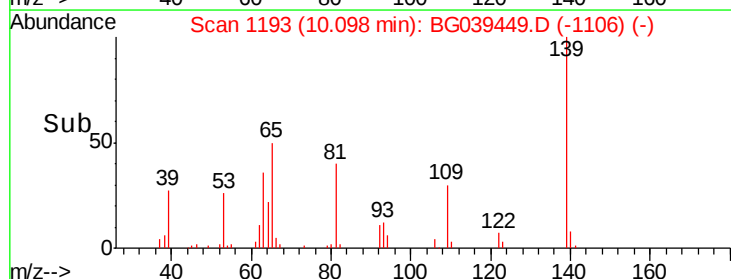
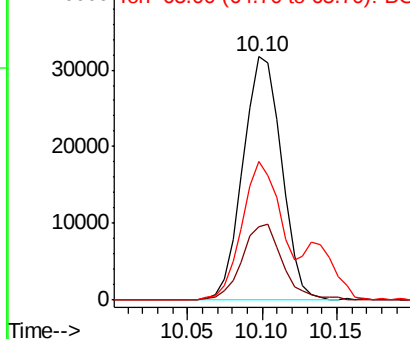
Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Tgt Ion:	139	Resp:	56884
Ion Ratio	Lower	Upper	
139	100		
109	30.0	23.4	35.0
65	56.8	44.3	66.5



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





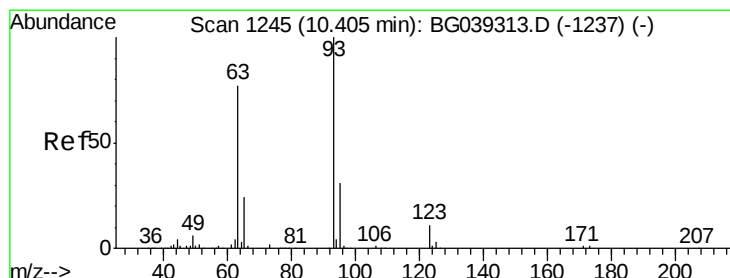
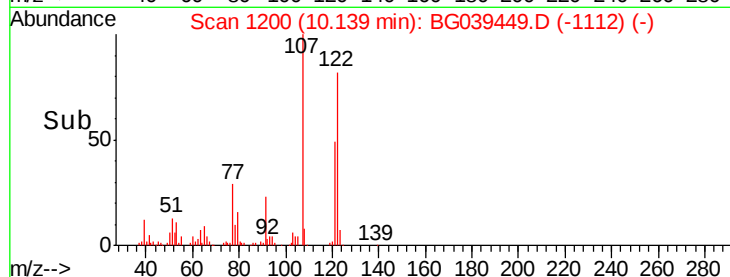
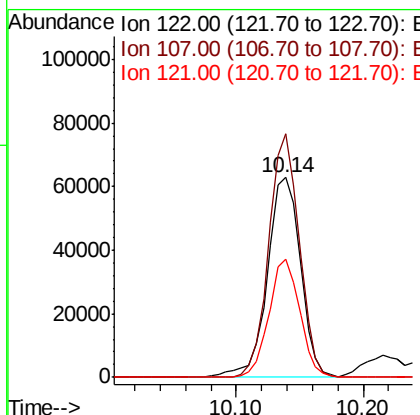
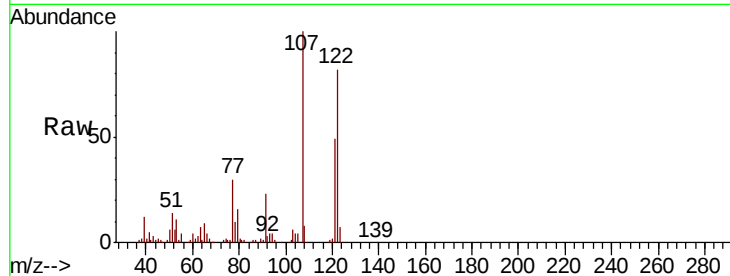
#27
2,4-Dimethylphenol
Concen: 32.352 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampled :
PB116987BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.7	91.7	137.5
121	59.0	46.4	69.6

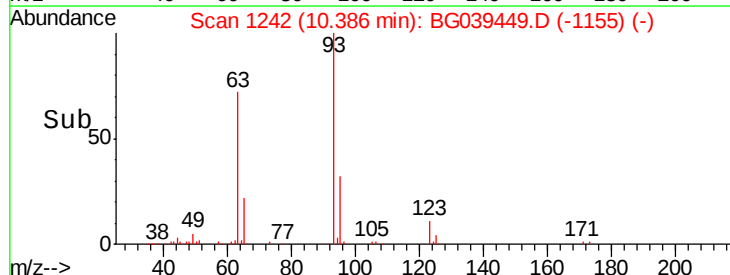
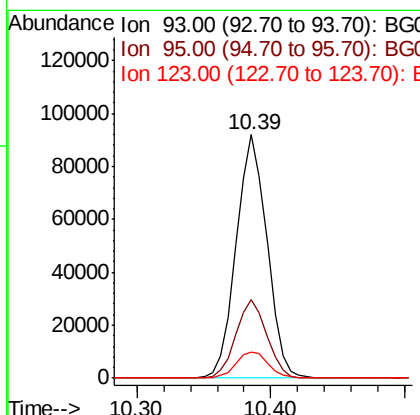
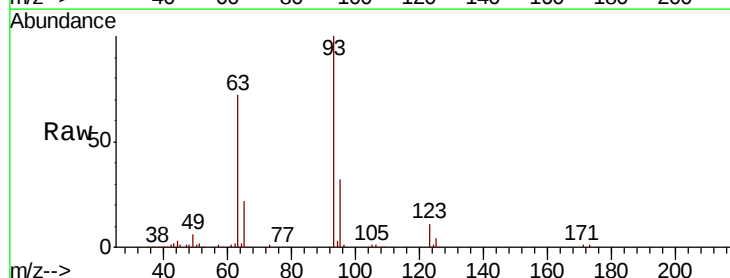
Manual Integrations
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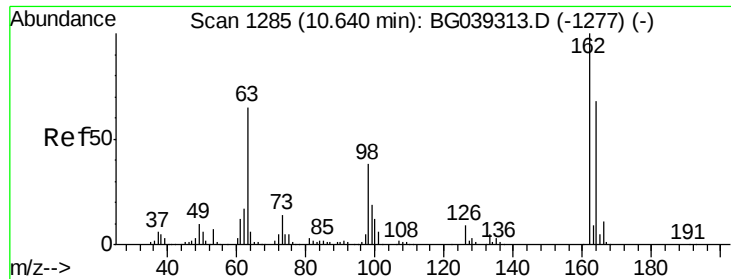
Sohil
2/12/2019 12:07:50 PM



#28
bis(2-Chloroethoxy)methane
Concen: 27.339 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.0	37.4
123	10.5	8.6	12.8





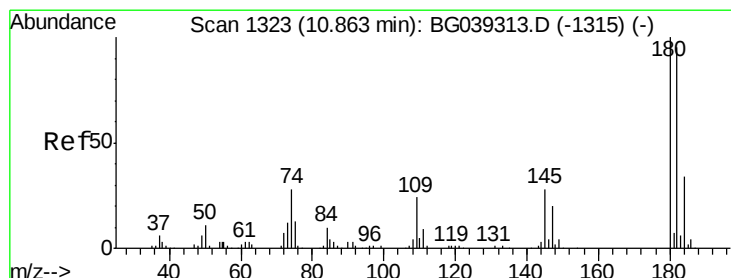
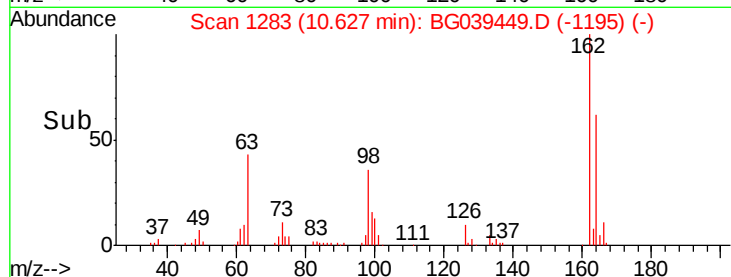
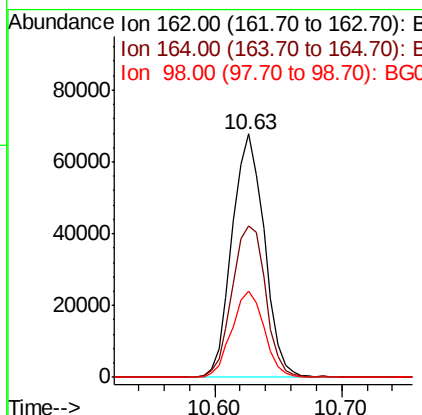
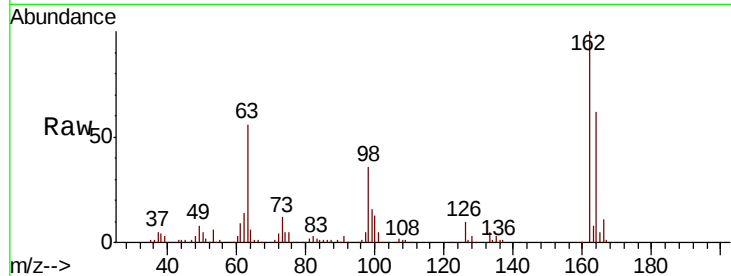
#29
2,4-Dichlorophenol
Concen: 31.056 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	119429		
164	62.3	48.1	88.1	
98	35.6	18.1	58.1	

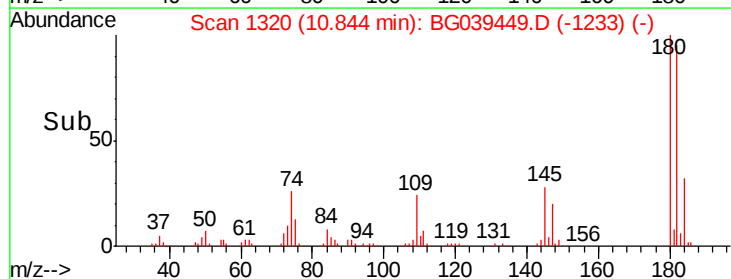
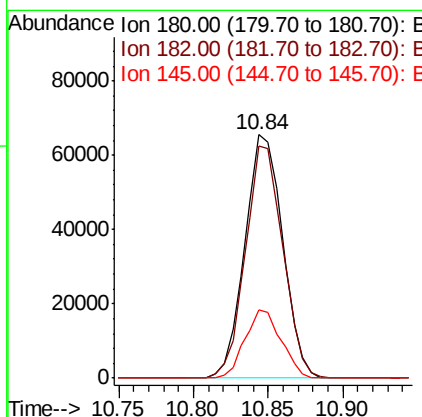
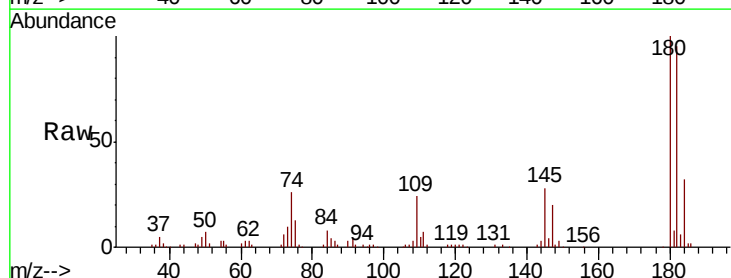
Manual Integrations
APPROVED

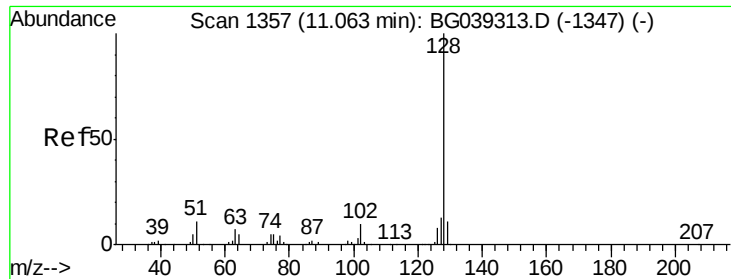
Sohil
2/12/2019 12:07:50 PM



#30
1,2,4-Trichlorobenzene
Concen: 26.589 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	114795		
182	95.2	76.0	114.0	
145	27.8	22.7	34.1	





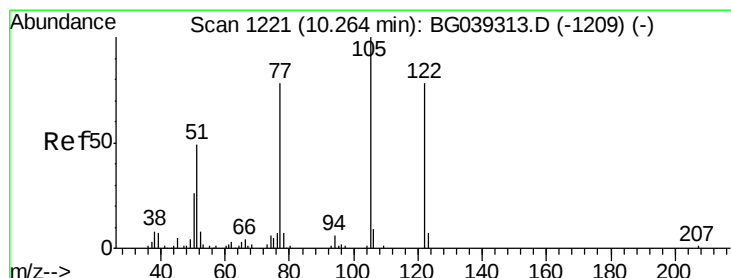
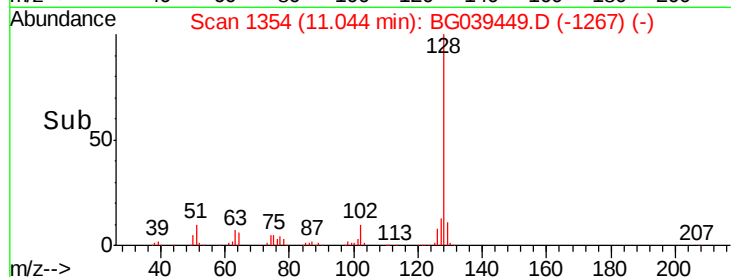
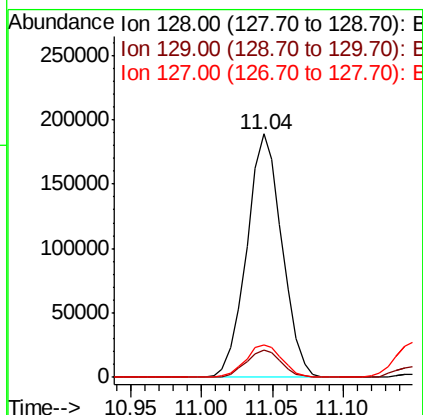
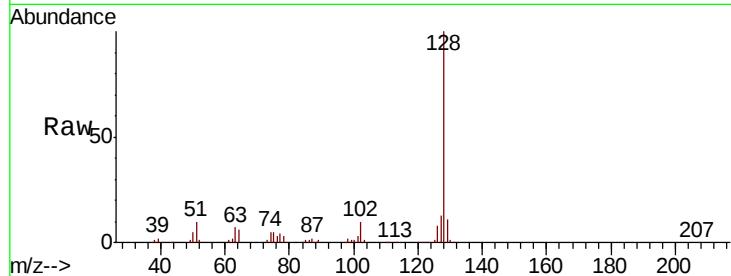
#31
Naphthalene
Concen: 27.116 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	13.3	10.8	16.2

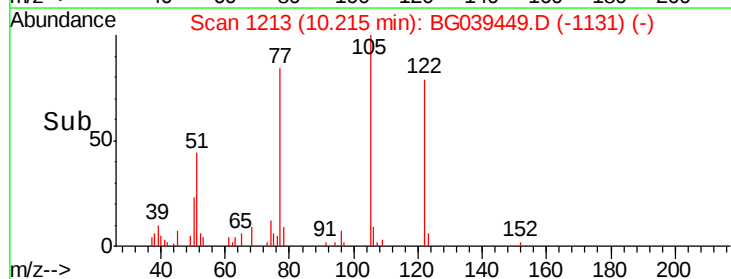
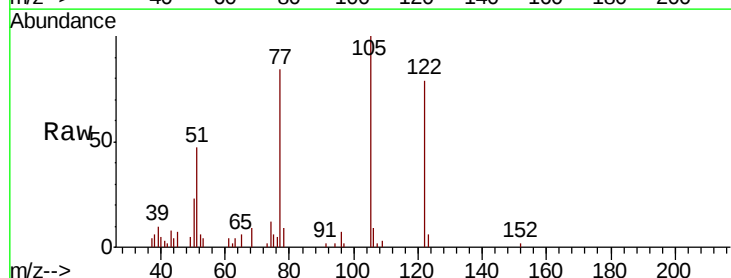
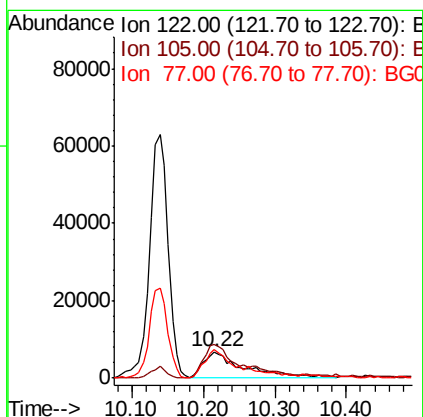
Manual Integrations
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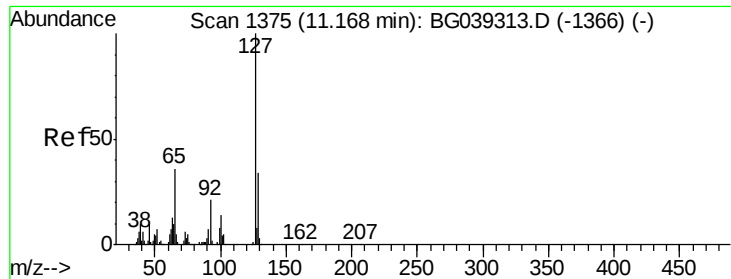
Sohil
2/12/2019 12:07:50 PM



#32
Benzoic acid
Concen: 18.509 ng m
RT: 10.22 min Scan# 1213
Delta R.T. -0.05 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.0	101.8	141.8
77	106.9	76.3	116.3





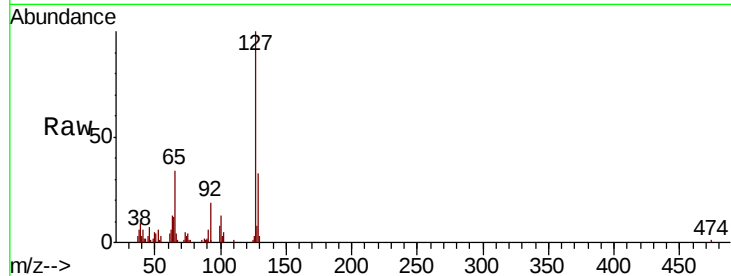
#33
4-Chloroaniline
Concen: 9.255 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6		27.0	40.4	
65	34.3		28.8	43.2	
92	19.3		16.6	25.0	

Manual Integrations
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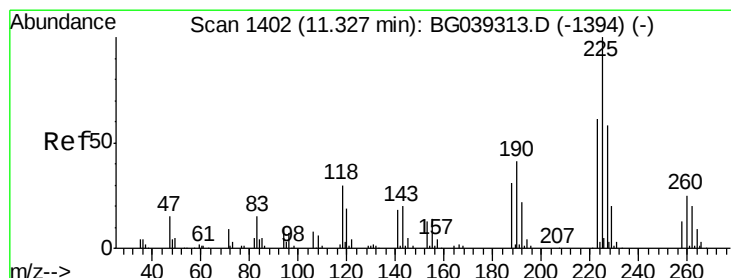
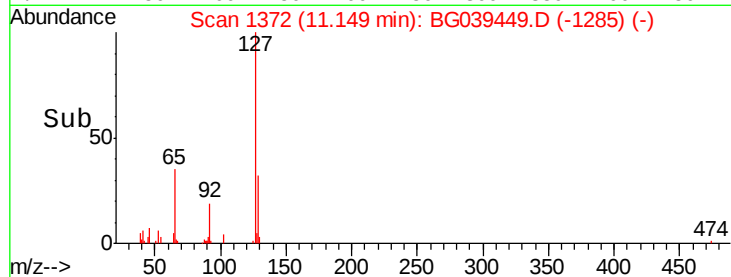
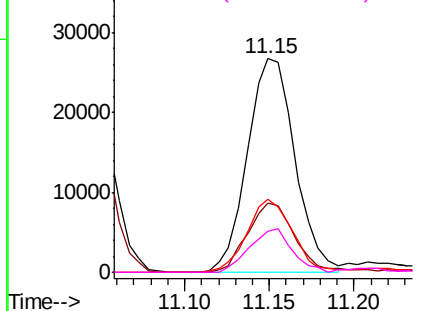
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

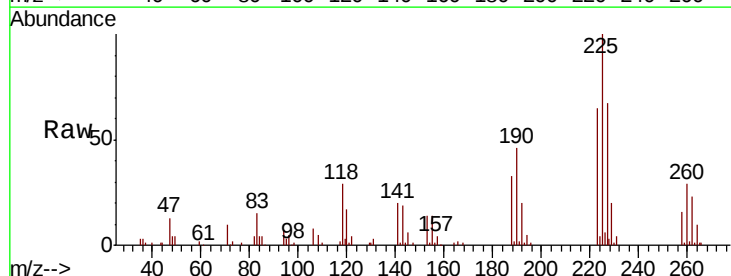
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 24.636 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.3		49.0	73.6	
227	67.5		46.3	69.5	

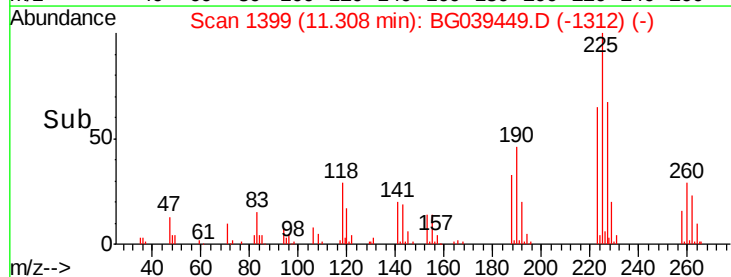
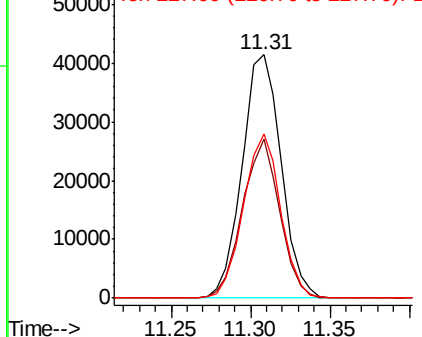


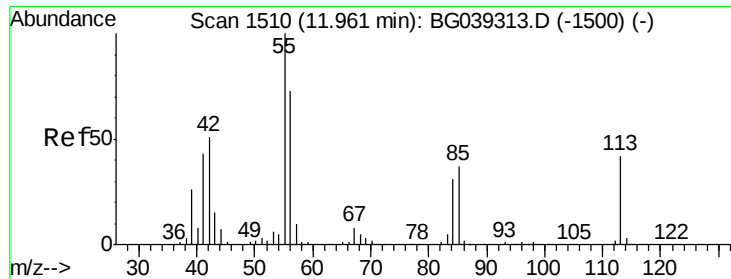
Abundance

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: 26.298 ng

RT: 11.92 min Scan# 1504

Delta R.T. -0.04 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

Tot Ion:113 Resp: 41848

Ion Ratio Lower Upper

113 100

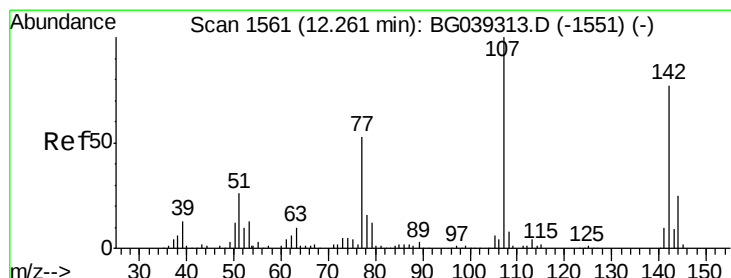
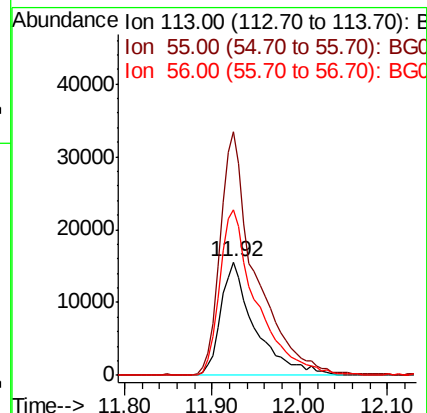
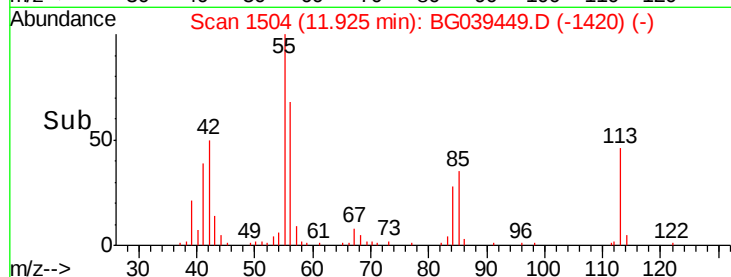
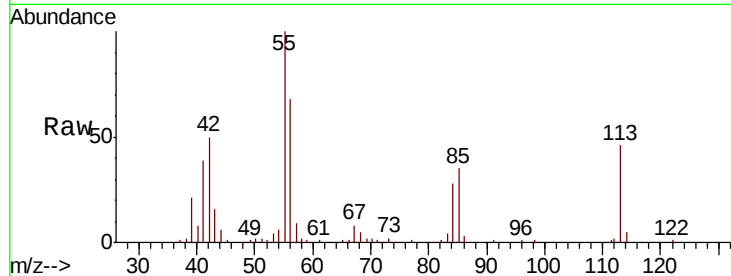
55 215.4 216.9 256.9#

56 146.2 152.6 192.6#

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#36

4-Chloro-3-methylphenol

Concen: 29.664 ng

RT: 12.25 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

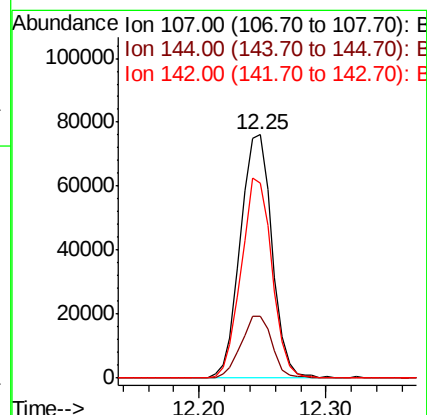
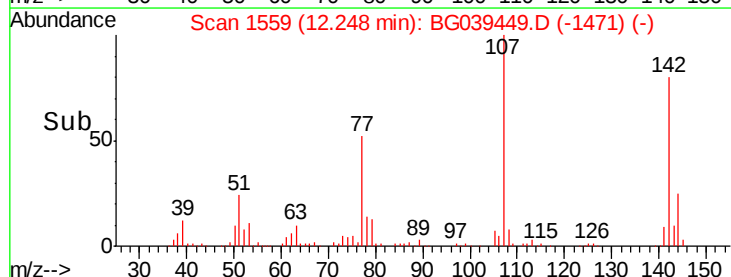
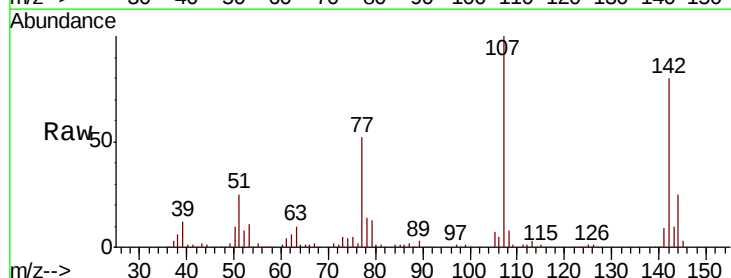
Tgt Ion:107 Resp: 131926

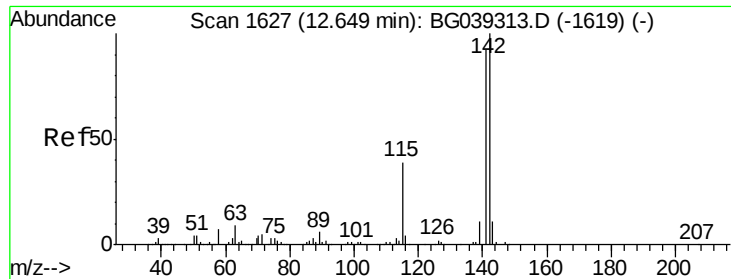
Ion Ratio Lower Upper

107 100

144 25.2 20.2 30.2

142 79.9 61.4 92.2





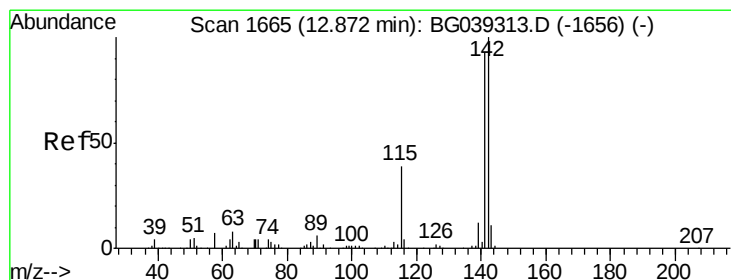
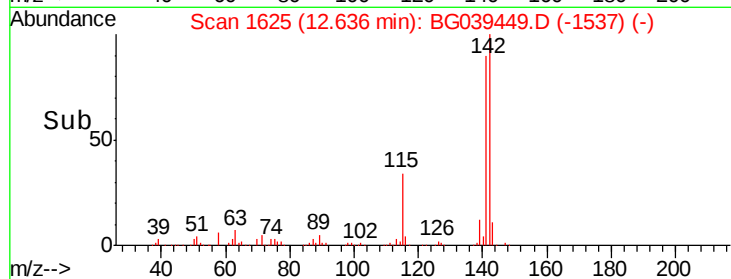
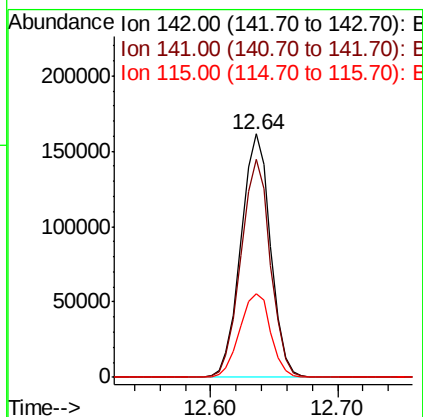
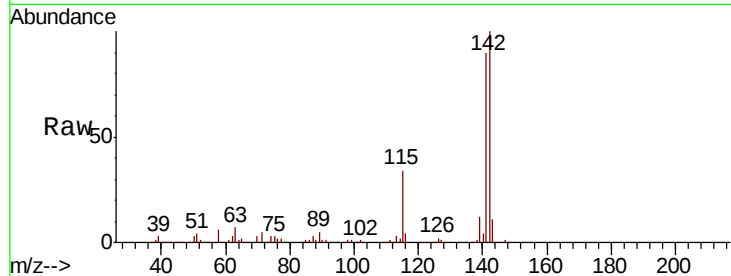
#37
2-Methylnaphthalene
Concen: 29.023 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.5	110.3
115	34.4	30.8	46.2

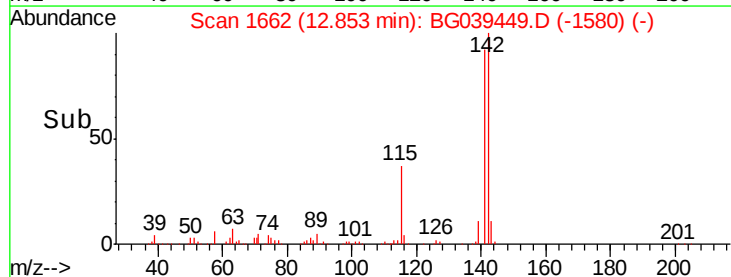
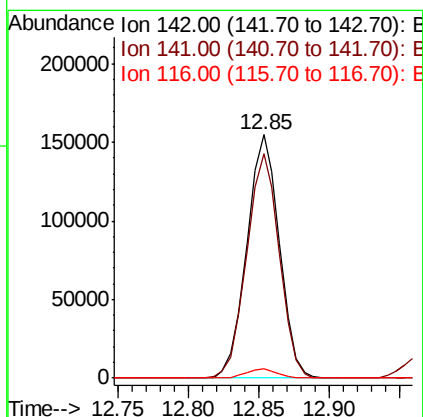
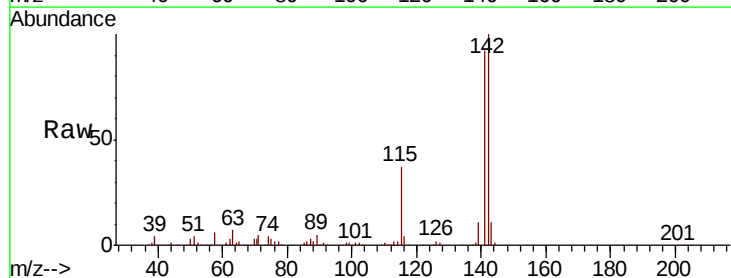
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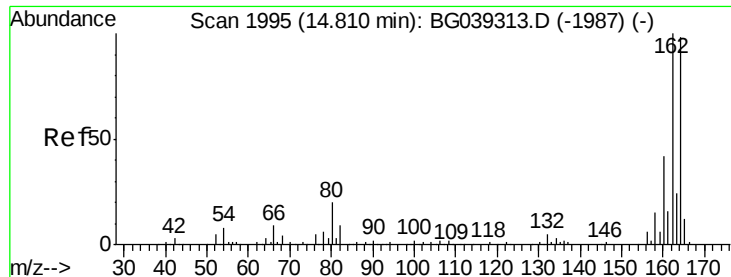
Sohil
2/12/2019 12:07:50 PM



#38
1-Methylnaphthalene
Concen: 28.776 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.2	111.4
116	4.0	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

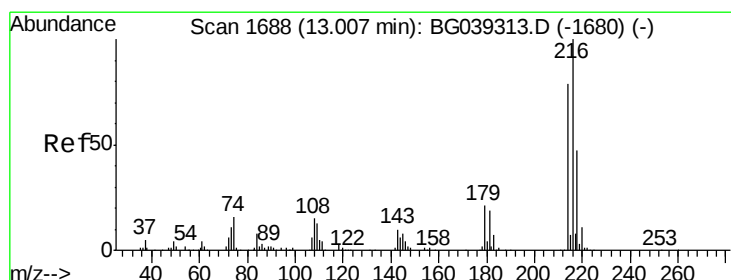
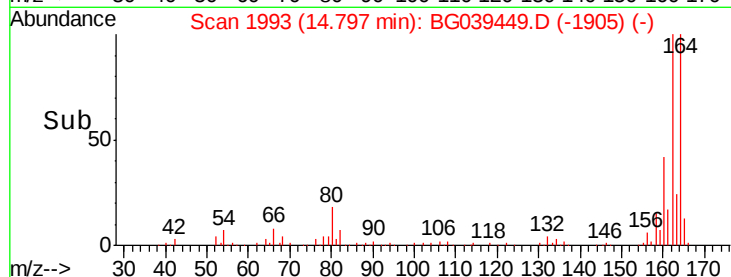
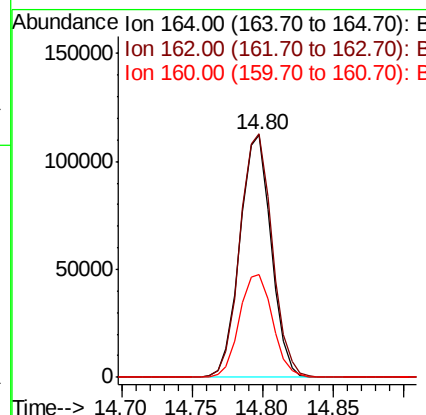
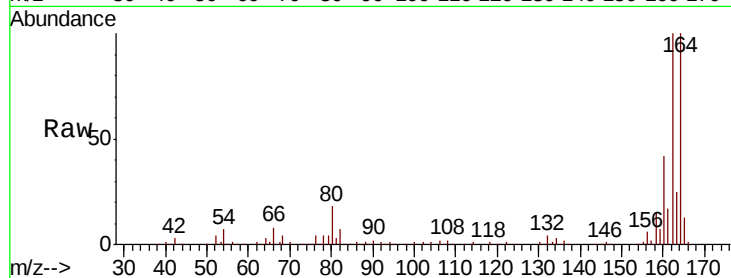
ClientSampleId :

PB116987BS

Tot Ion:	164	Resp:	173699
Ion Ratio	Lower	Upper	
164	100		
162	100.3	81.6	122.4
160	42.6	34.2	51.2

Manual Integrations
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2/12/2019 12:07:50 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 25.869 ng

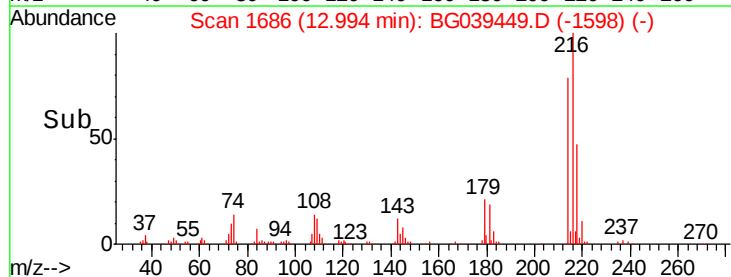
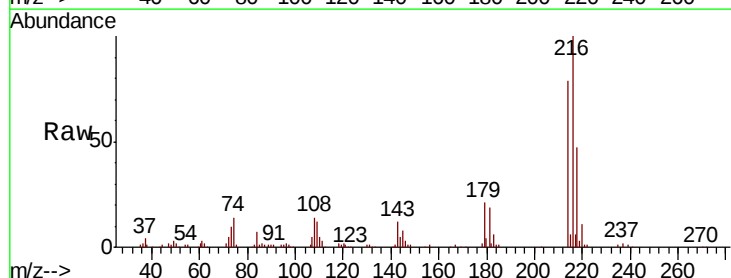
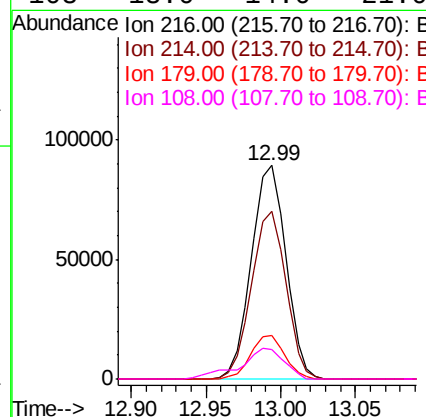
RT: 12.99 min Scan# 1686

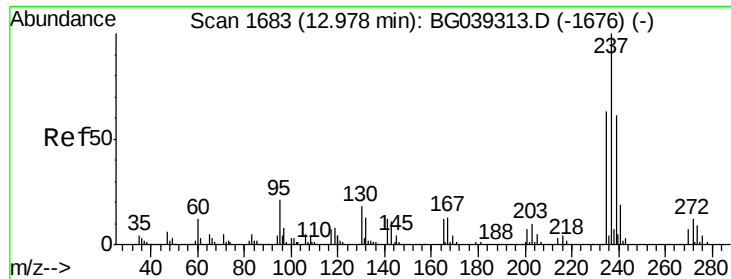
Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Tgt Ion:	216	Resp:	142967
Ion Ratio	Lower	Upper	
216	100		
214	78.5	62.6	94.0
179	20.0	16.6	25.0
108	18.0	14.0	21.0





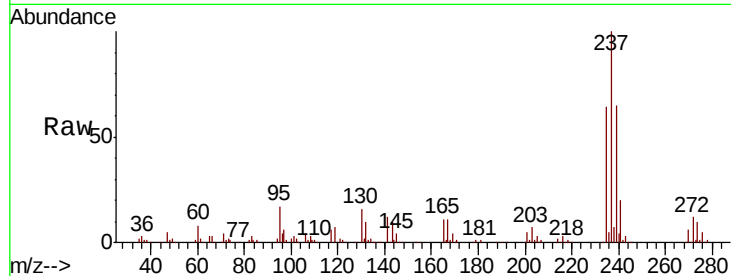
#41
Hexachlorocyclopentadiene
Concen: 59.477 ng
RT: 12.96 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampled :
PB116987BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.2	43.3	83.3
272	11.6	0.0	32.3

Manual Integrations
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Sohil
2/12/2019 12:07:50 PM

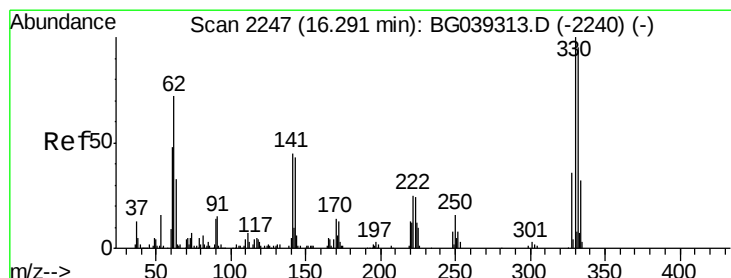
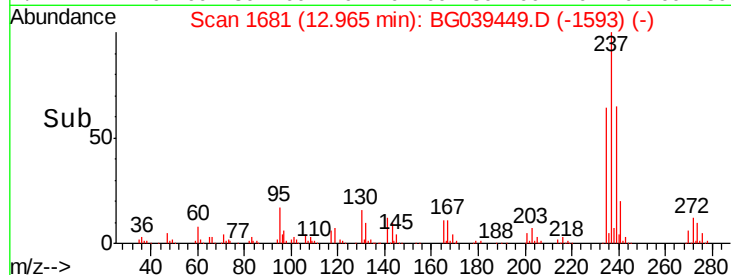
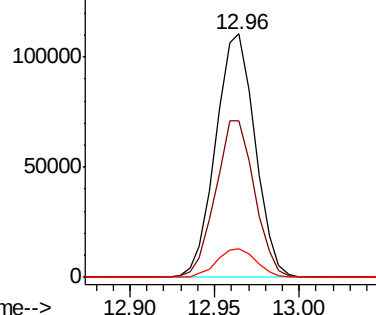


Abundance

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: 88.288 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

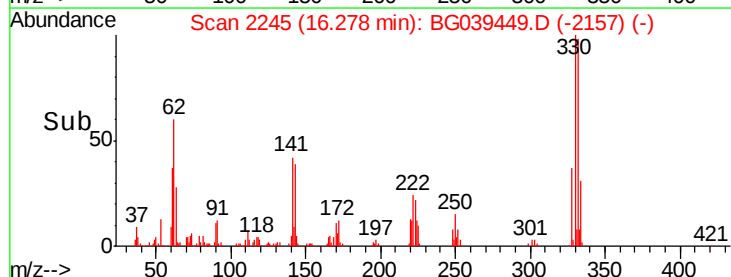
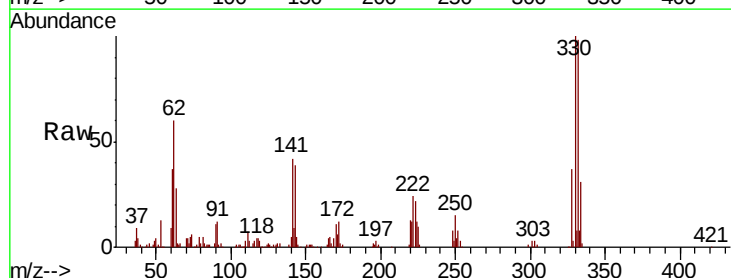
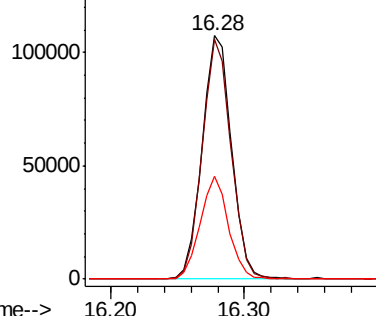
Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.4	75.7	113.5
141	40.5	35.6	53.4

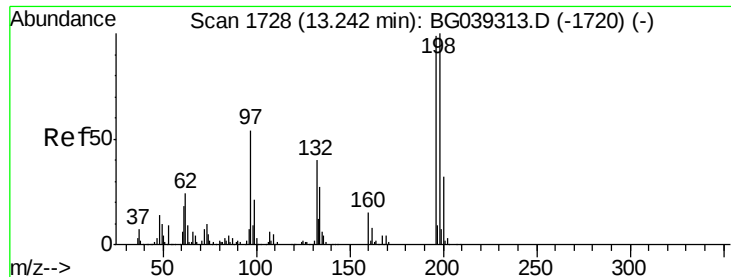
Abundance

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





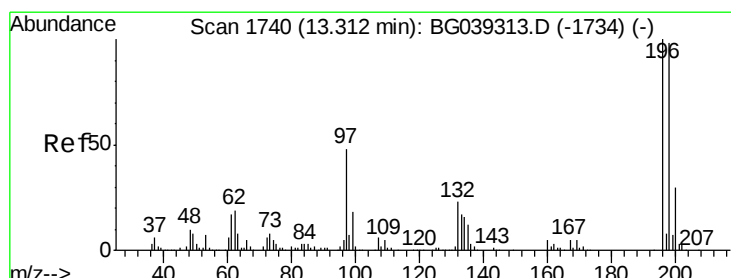
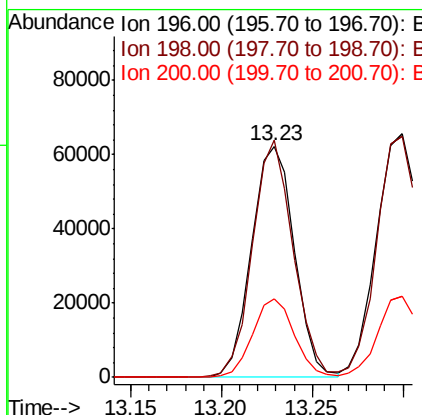
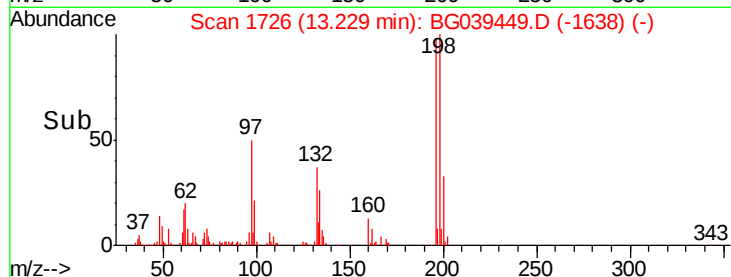
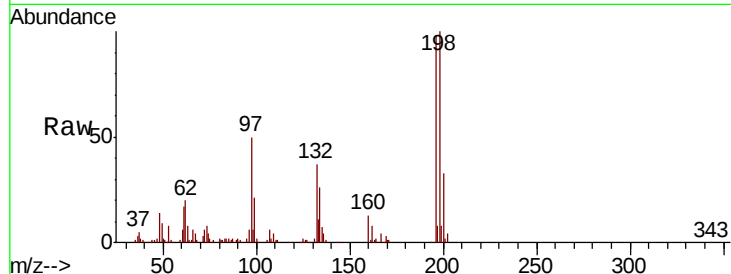
#43
 2,4,6-Trichlorophenol
 Concen: 30.288 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	102921		
198	102.6	80.6	121.0	
200	33.7	26.1	39.1	

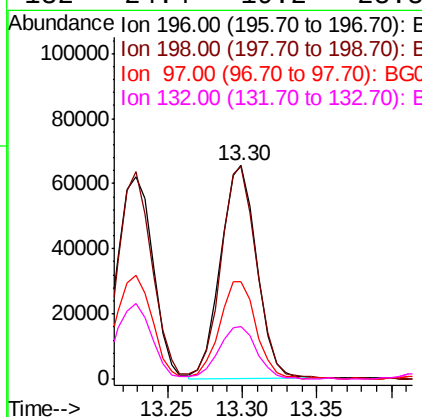
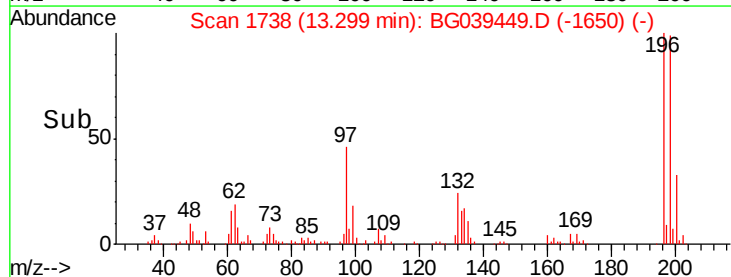
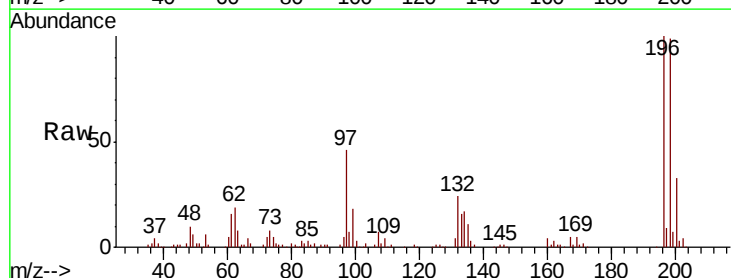
Manual Integrations
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#44
 2,4,5-Trichlorophenol
 Concen: 31.134 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	110882		
198	99.2	78.5	117.7	
97	45.8	38.4	57.6	
132	24.4	19.2	28.8	





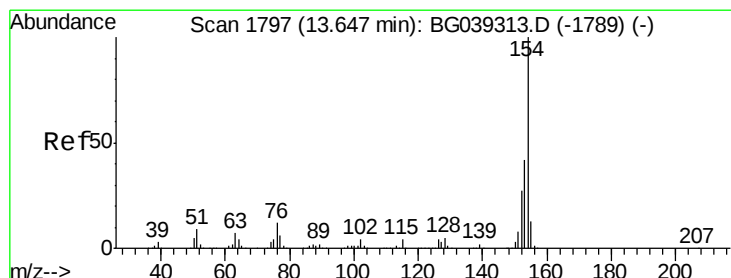
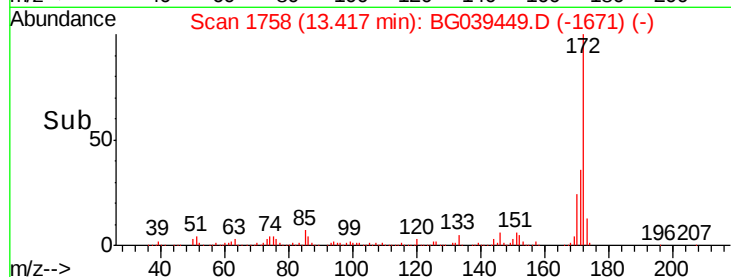
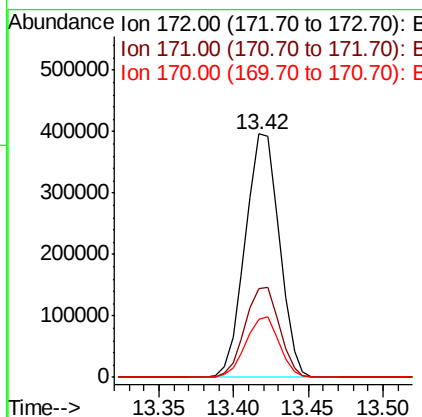
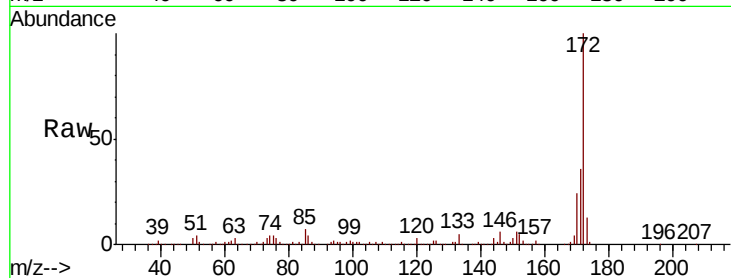
#45
2-Fluorobiphenyl
Concen: 51.891 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampled :
PB116987BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.8	46.2
170	23.6	20.2	30.4

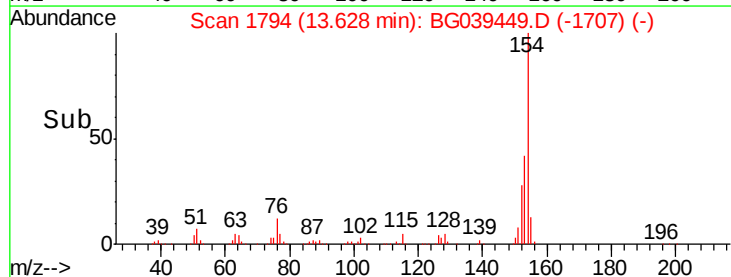
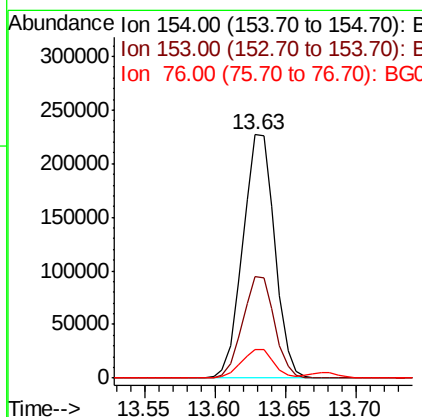
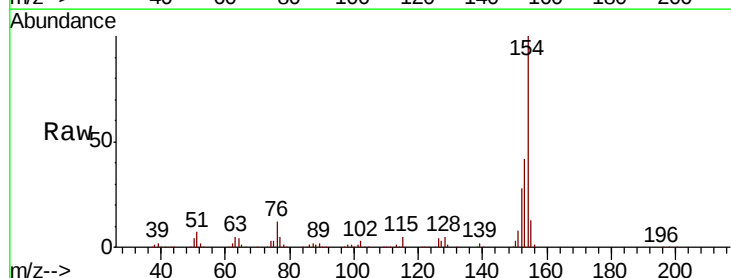
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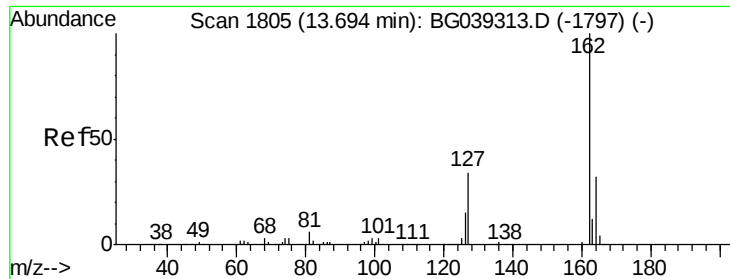
Sohil
2/12/2019 12:07:50 PM



#46
1,1'-Biphenyl
Concen: 24.834 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.1	62.1
76	11.9	0.0	32.4





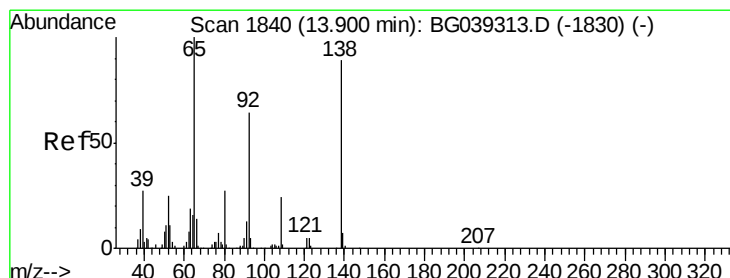
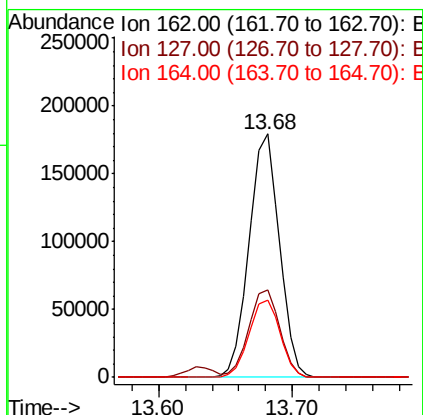
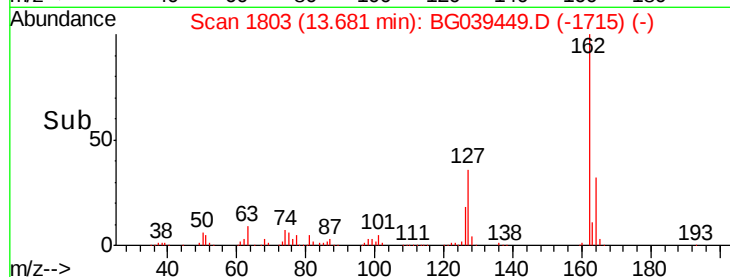
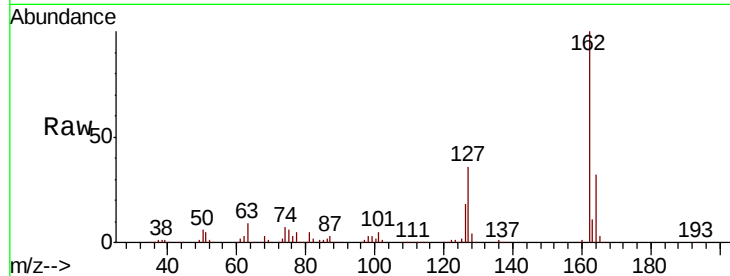
#47
2-Chloronaphthalene
Concen: 25.718 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.0	31.0	46.6
164	31.8	25.7	38.5

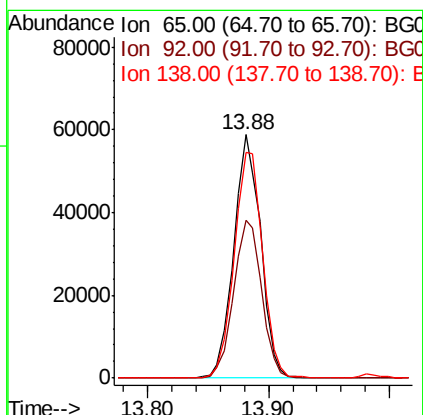
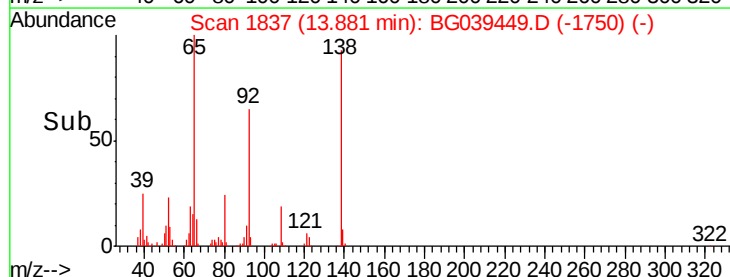
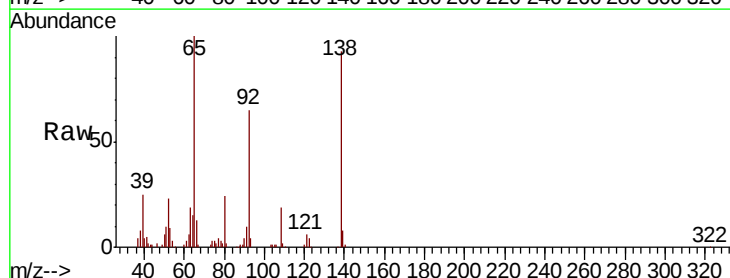
Manual Integrations
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#48
2-Nitroaniline
Concen: 32.573 ng
RT: 13.88 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.6	51.4	77.2
138	92.6	71.4	107.2





#49

Acenaphthylene

Concen: 27.509 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

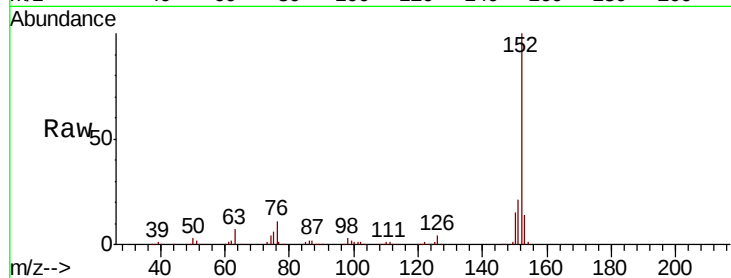
ClientSampleId :

PB116987BS

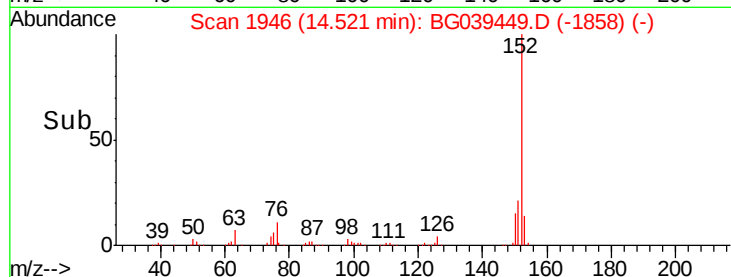
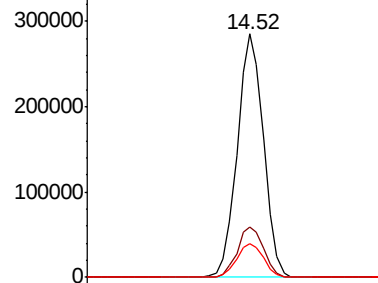
Tot Ion:	152	Resp:	451281
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.8	25.2
153	14.1	11.7	17.5

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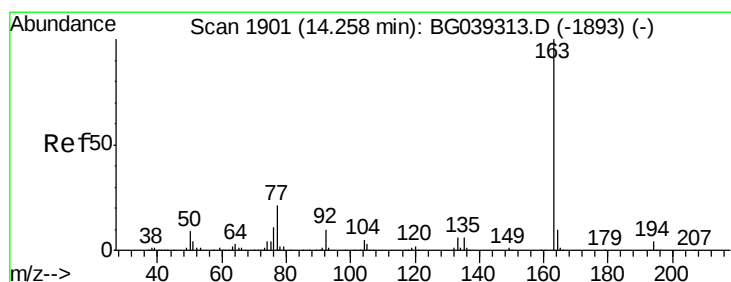
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 26.939 ng

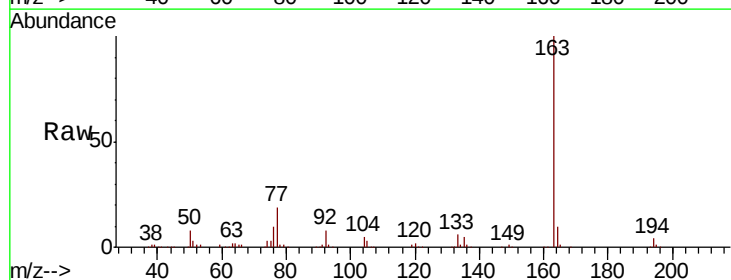
RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

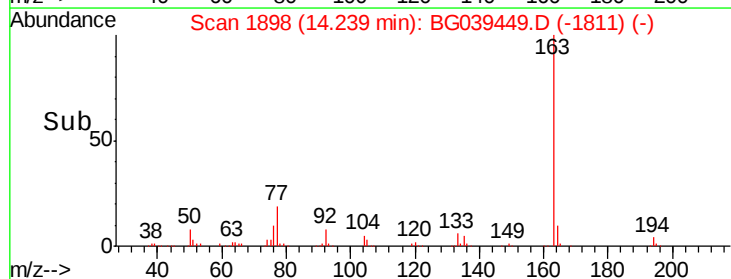
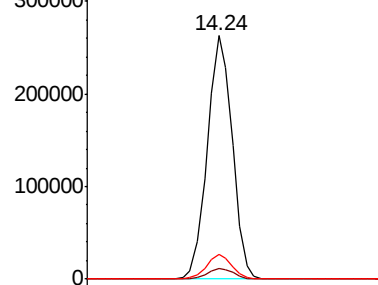
Lab File: BG039449.D

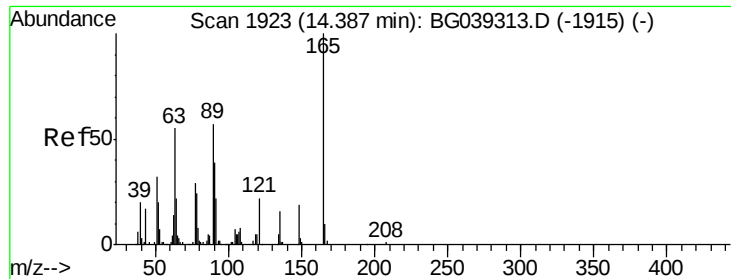
Acq: 12 Feb 2019 00:43

Tgt Ion:	163	Resp:	377920
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.6	5.4
164	10.4	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





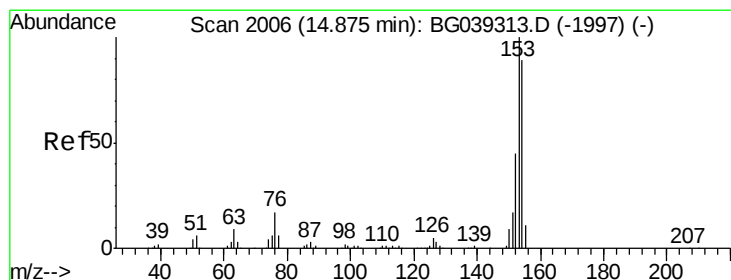
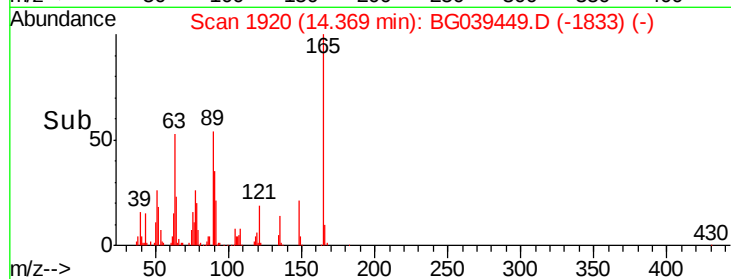
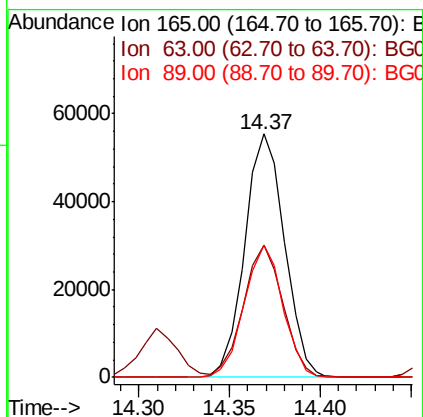
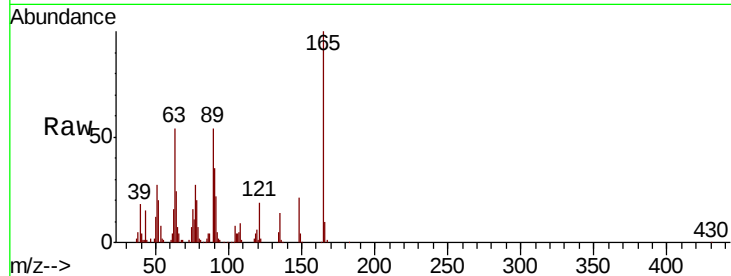
#51
2,6-Dinitrotoluene
Concen: 34.359 ng
RT: 14.37 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.4	47.0	70.6
89	54.4	45.8	68.8

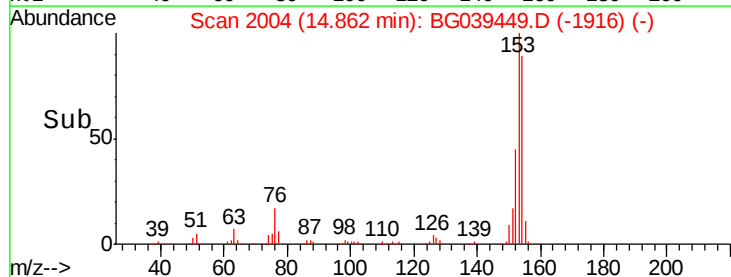
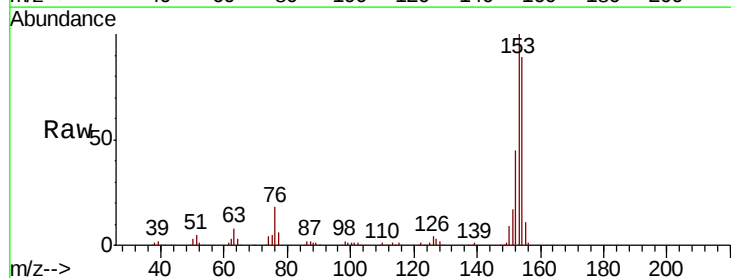
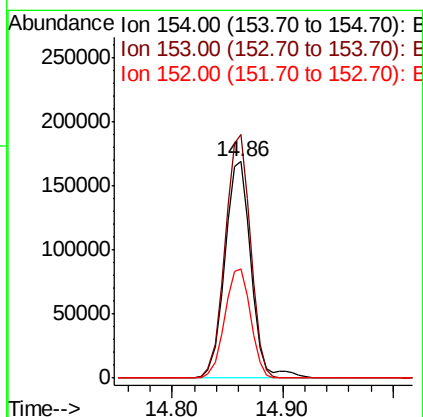
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#52
Acenaphthene
Concen: 26.369 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.1	135.1
152	50.3	40.9	61.3





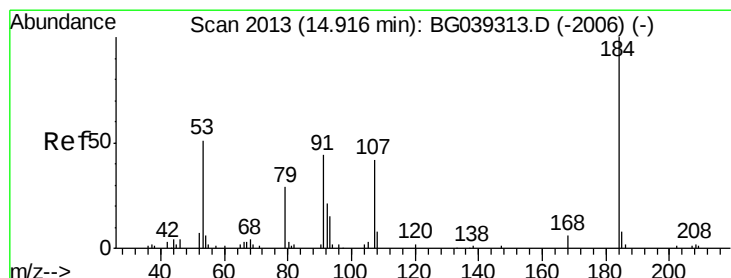
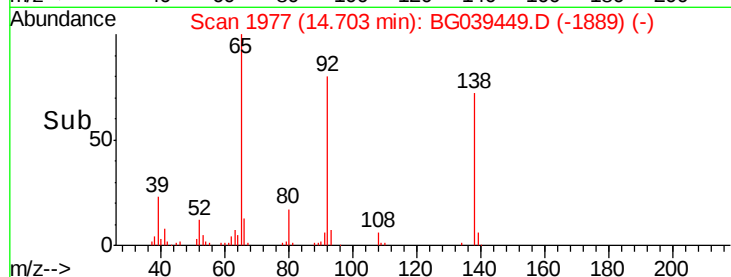
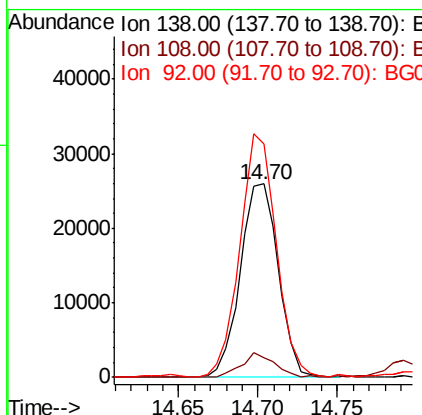
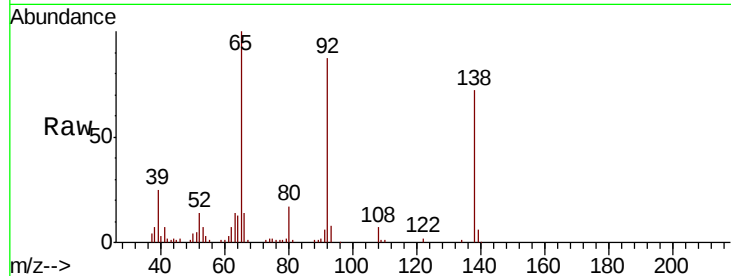
#53
3-Nitroaniline
Concen: 19.262 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion:138 Resp: 43334
Ion Ratio Lower Upper
138 100
108 9.9 13.8 20.8#
92 120.3 103.7 155.5

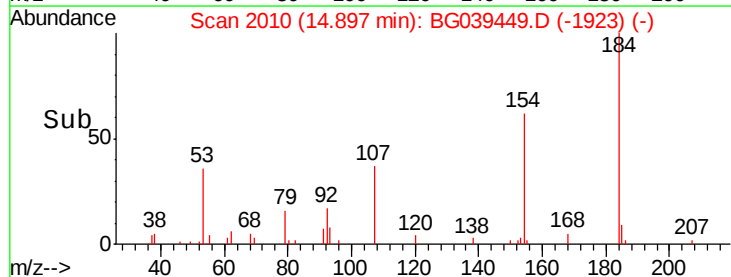
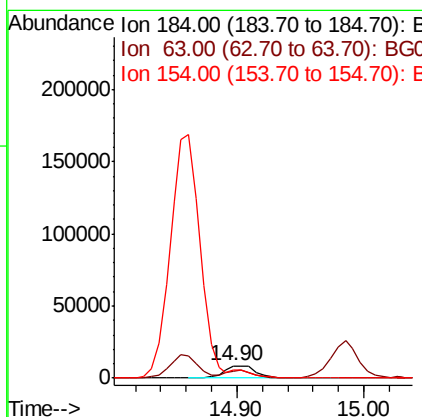
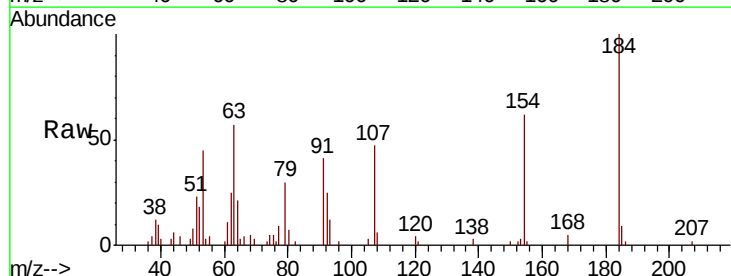
Manual Integrations
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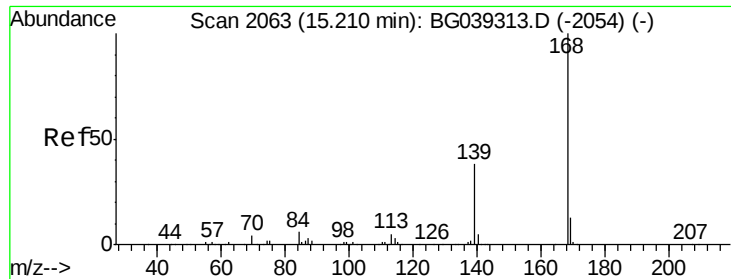
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#54
2,4-Dinitrophenol
Concen: 21.335 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion:184 Resp: 15273
Ion Ratio Lower Upper
184 100
63 56.9 50.9 76.3
154 61.8 53.0 79.6





#55

Dibenzofuran

Concen: 26.468 ng

RT: 15.19 min Scan# 2060

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

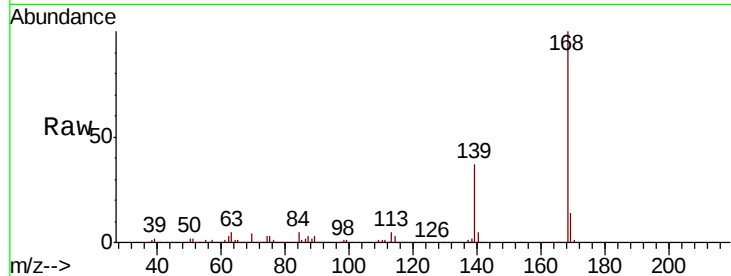
ClientSampleId :

PB116987BS

Tot Ion:	168	Resp:	451899
Ion Ratio	Lower	Upper	
168	100		
139	36.6	30.1	45.1
169	14.1	10.6	16.0

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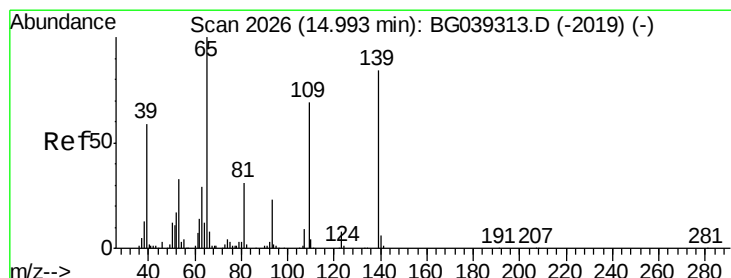
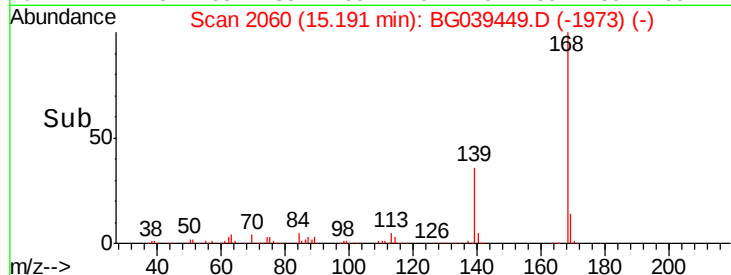
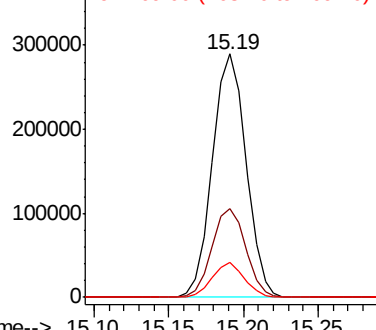


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 53.907 ng

RT: 14.99 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

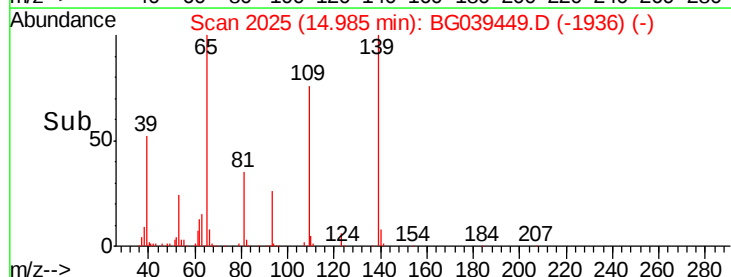
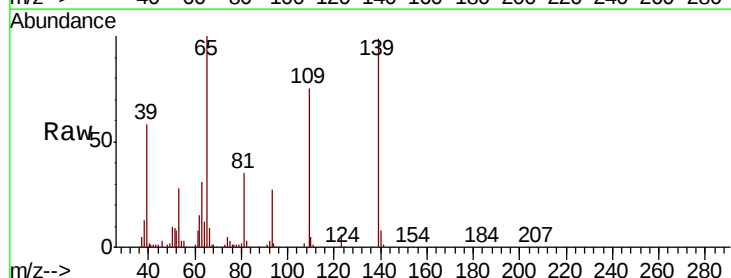
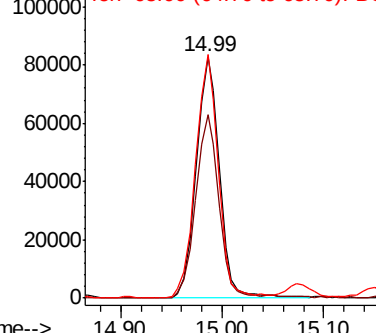
Tgt Ion:	139	Resp:	131568
Ion Ratio	Lower	Upper	
139	100		
109	75.8	61.9	101.9
65	100.8	99.1	139.1

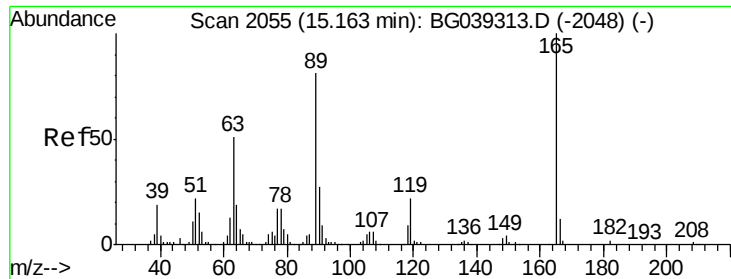
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





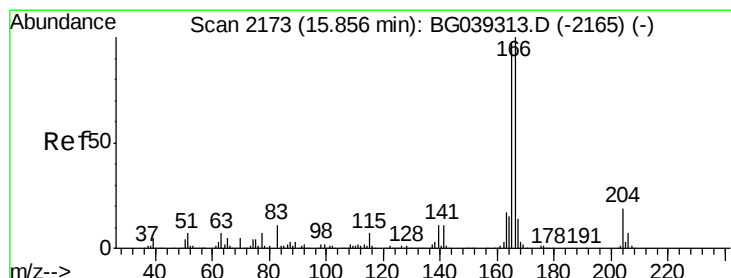
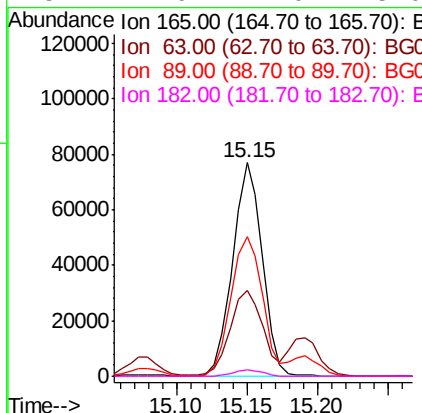
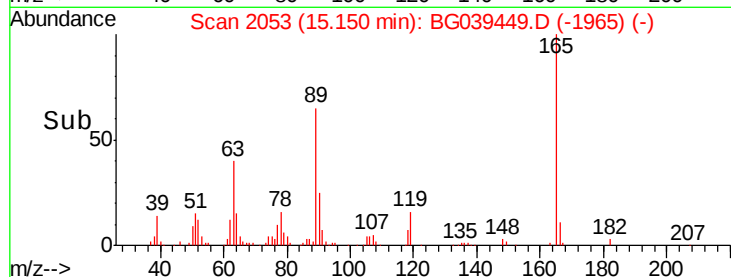
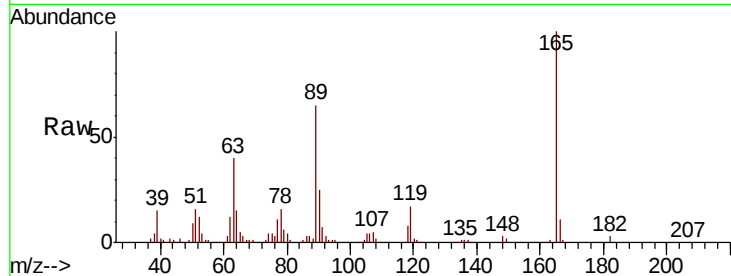
#57
 2,4-Dinitrotoluene
 Concen: 35.818 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.2	41.0	61.6#
89	65.3	64.6	96.8
182	2.9	2.0	3.0

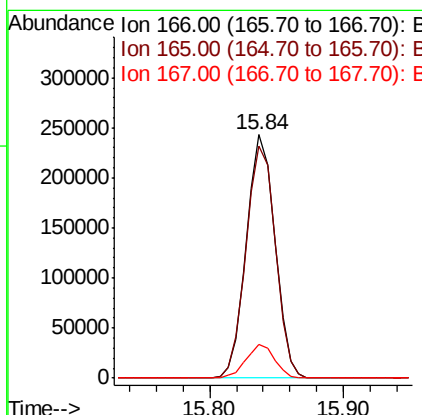
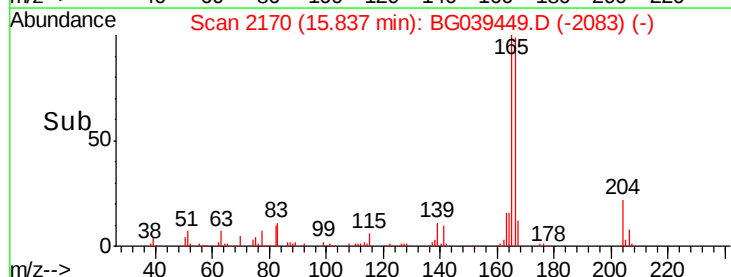
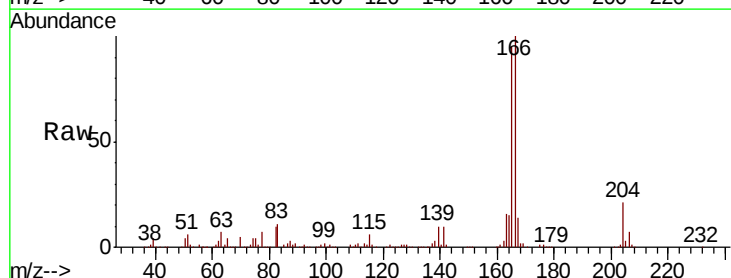
Manual Integrations
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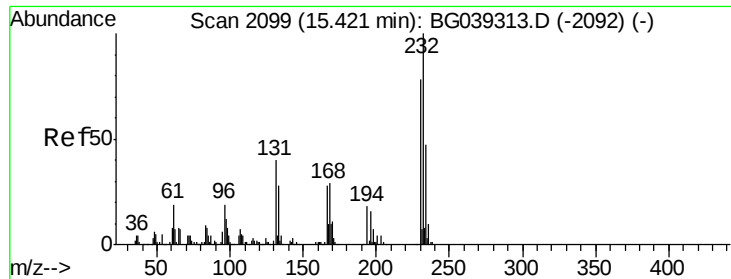
Sohil
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#58
 Fluorene
 Concen: 28.158 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.4	77.9	116.9
167	13.7	10.8	16.2





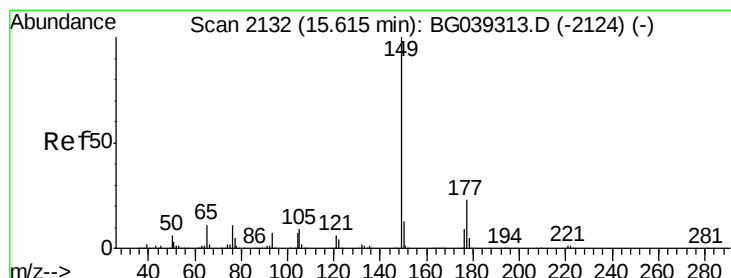
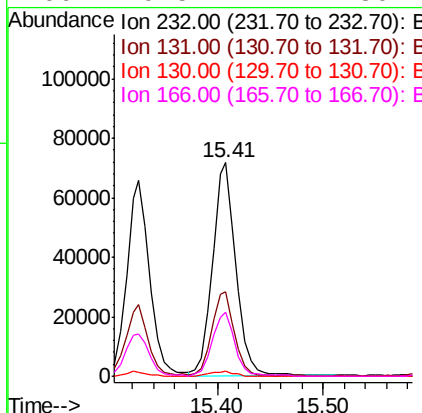
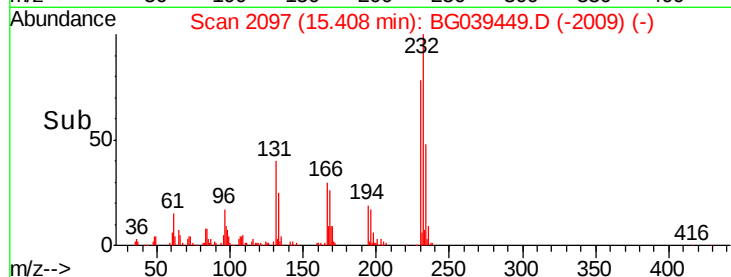
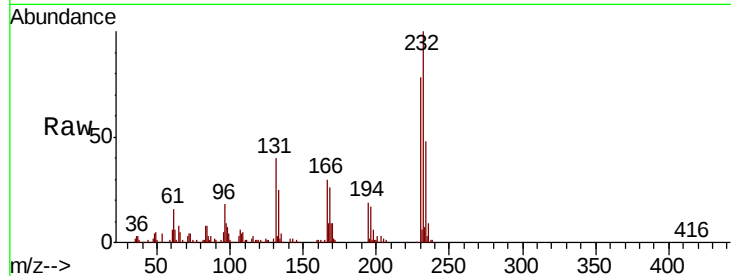
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.207 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Instrument :
 BNA_G
 ClientSampled :
 PB116987BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		110733		
131	38.1	34.9	52.3		
130	2.4	2.0	3.0		
166	29.5	24.1	36.1		

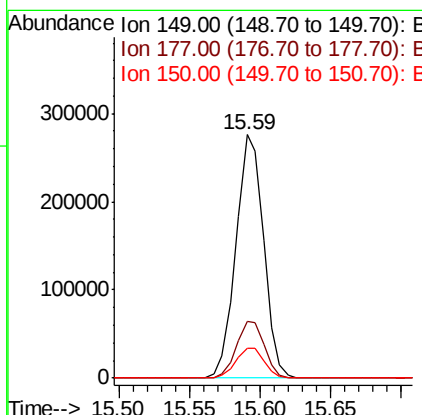
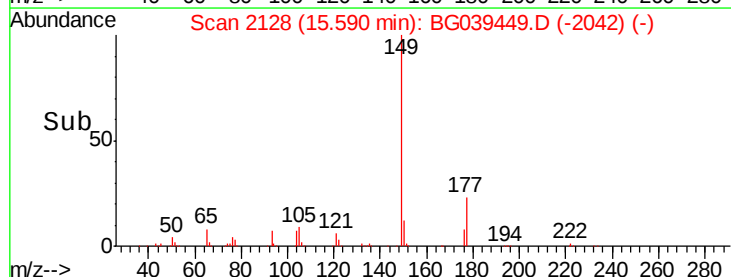
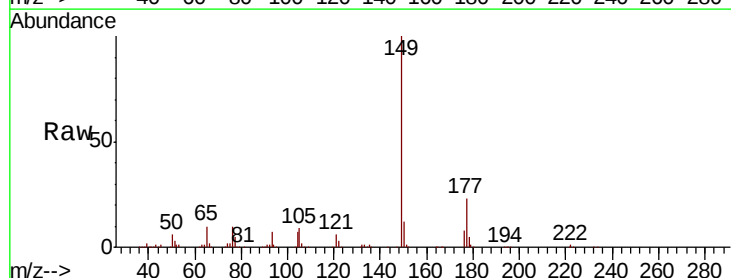
Manual Integrations
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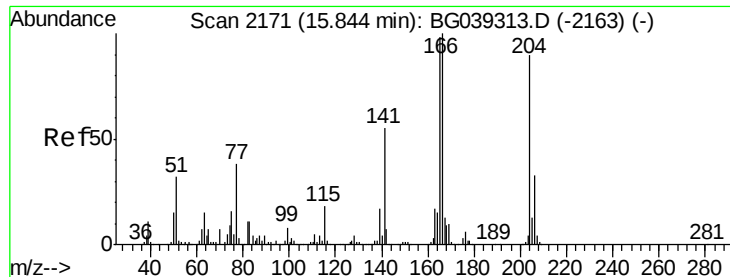
Sohil
 2/12/2019 12:07:50 PM



#60
 Diethylphthalate
 Concen: 25.839 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		374789		
177	23.4	18.3	27.5		
150	12.0	10.2	15.2		





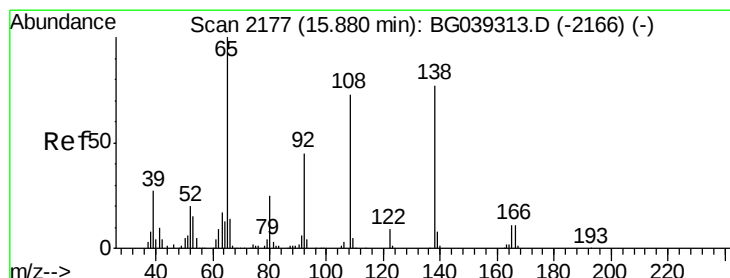
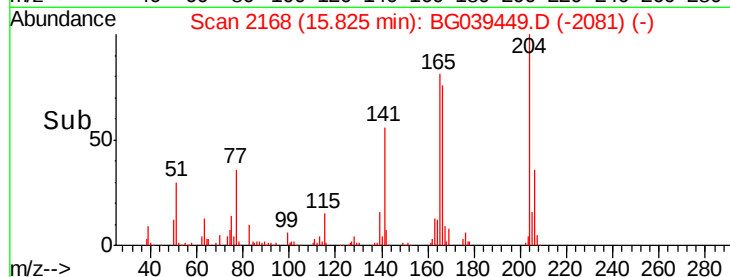
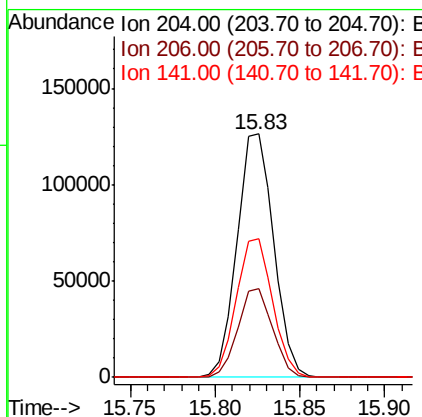
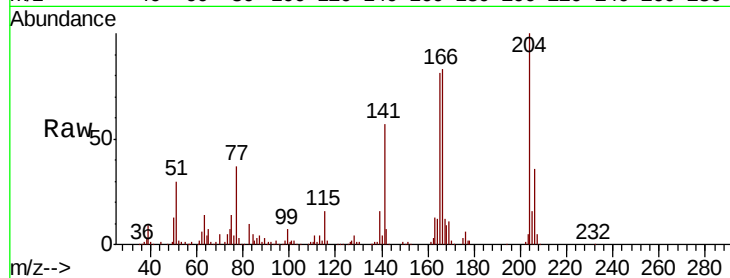
#61
4-Chlorophenyl-phenylether
Concen: 26.403 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.2	29.2	43.8
141	56.8	49.0	73.4

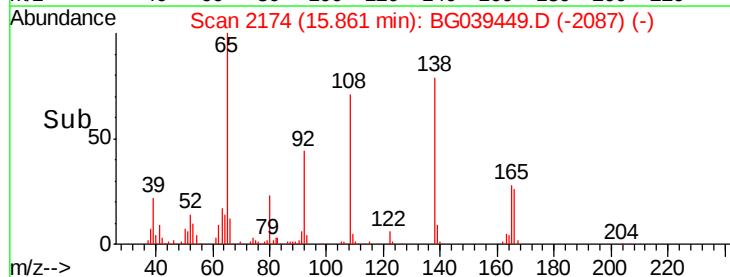
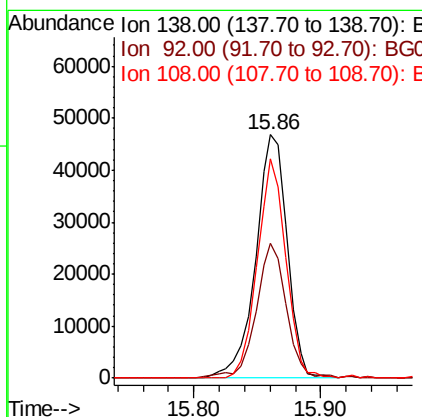
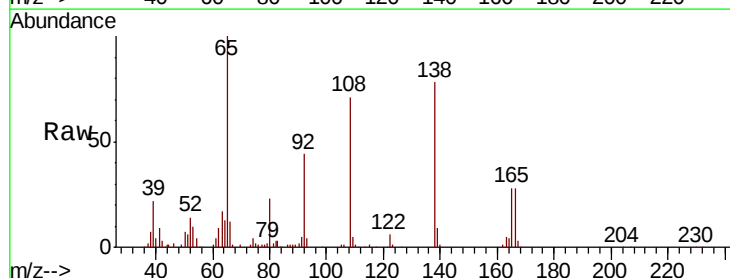
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#62
4-Nitroaniline
Concen: 29.353 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.4	38.7	78.7
108	89.9	74.6	114.6





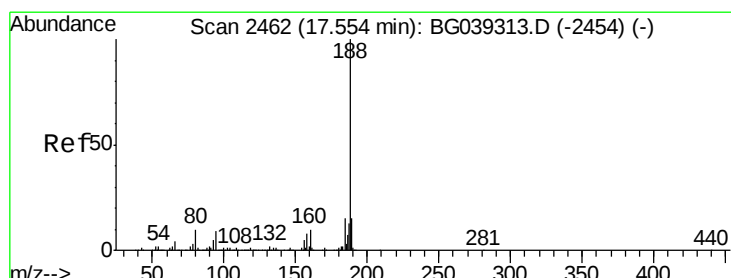
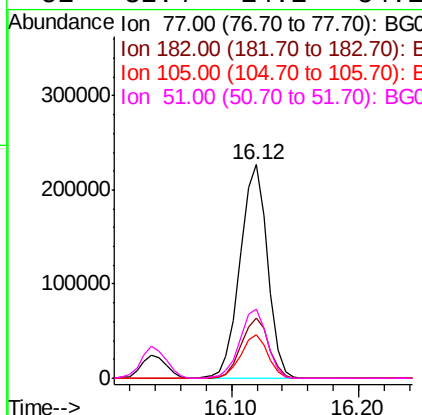
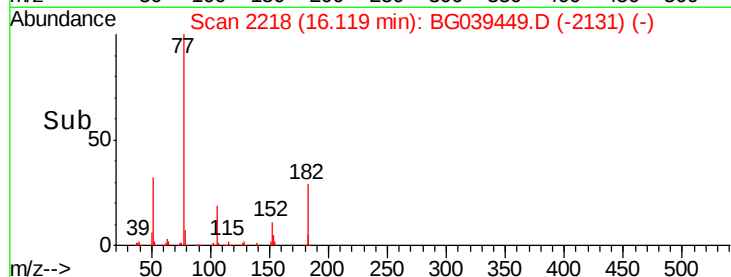
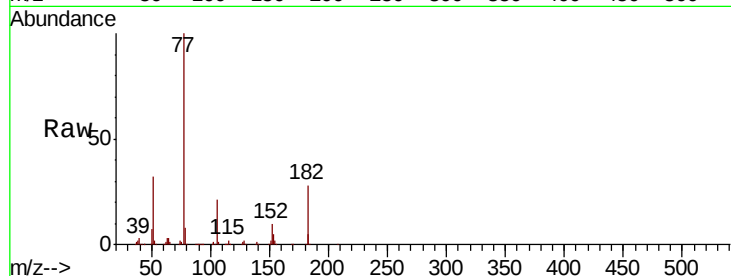
#63
Azobenzene
Concen: 23.889 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.4	6.4	46.4		
105	20.6	0.0	39.8		
51	32.4	14.1	54.1		

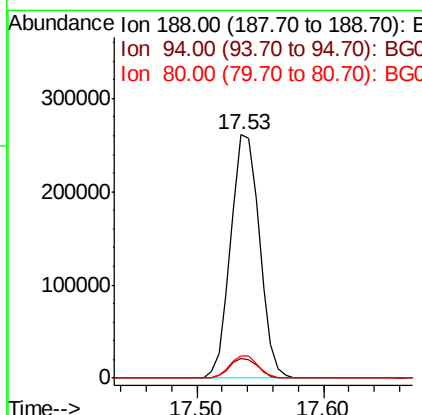
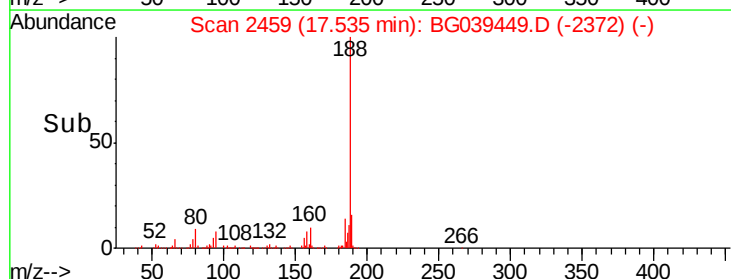
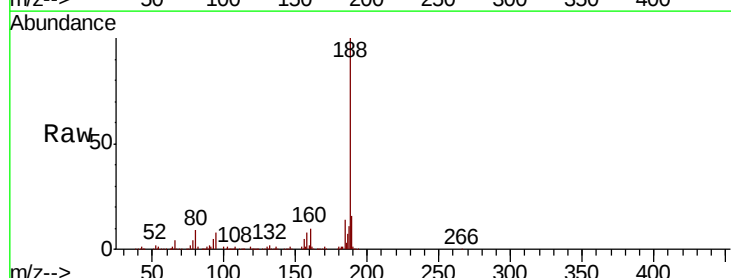
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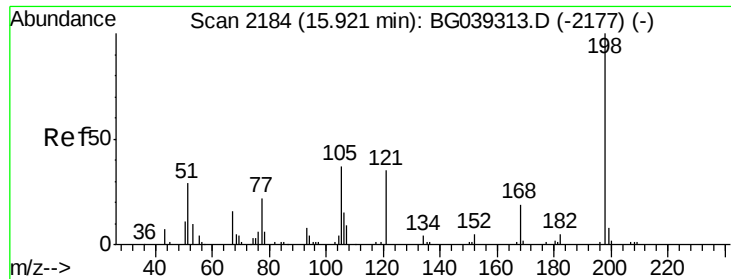
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.1	6.9	10.3		
80	9.1	8.1	12.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 18.922 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

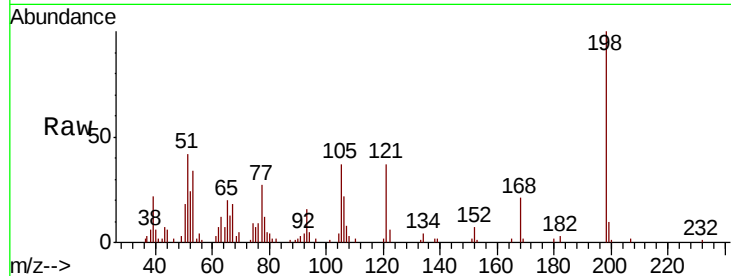
ClientSampled :

PB116987BS

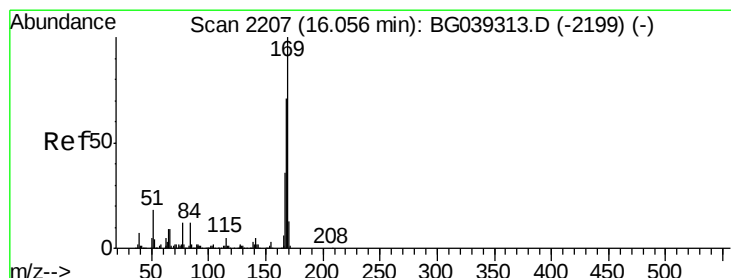
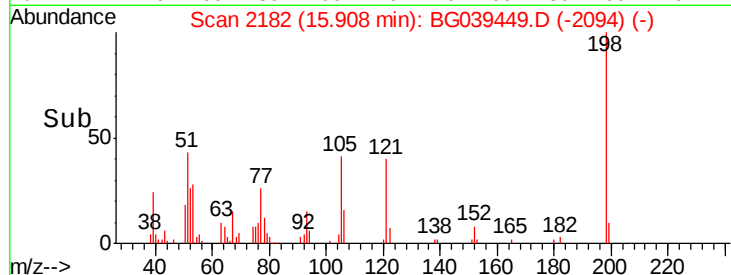
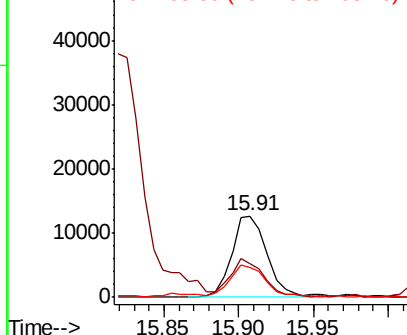
Tot Ion:	198	Resp:	21068
Ion Ratio	Lower	Upper	
198	100		
51	41.6	27.4	67.4
105	37.3	19.7	59.7

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



#66

n-Nitrosodiphenylamine

Concen: 26.179 ng

RT: 16.04 min Scan# 2205

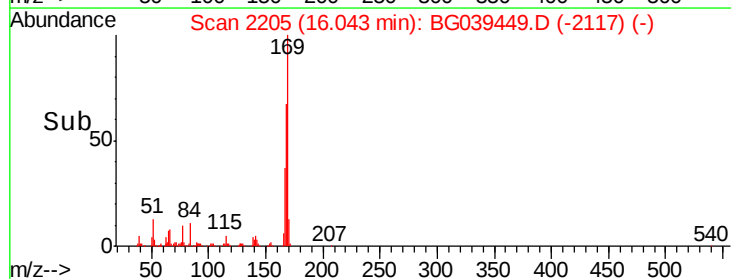
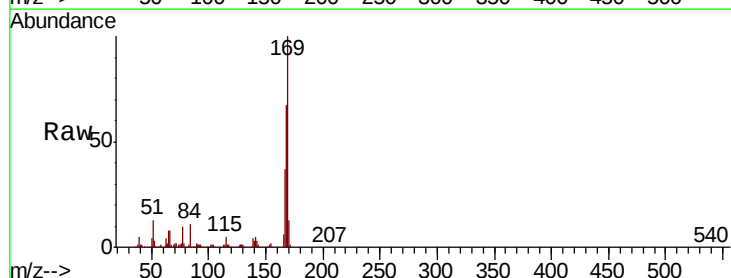
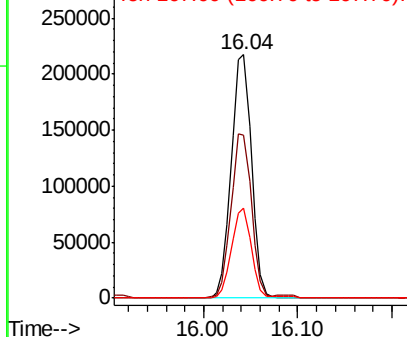
Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Tgt Ion:	169	Resp:	325541
Ion Ratio	Lower	Upper	
169	100		
168	67.0	56.6	85.0
167	37.1	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: 27.148 ng

RT: 16.72 min Scan# 2320

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

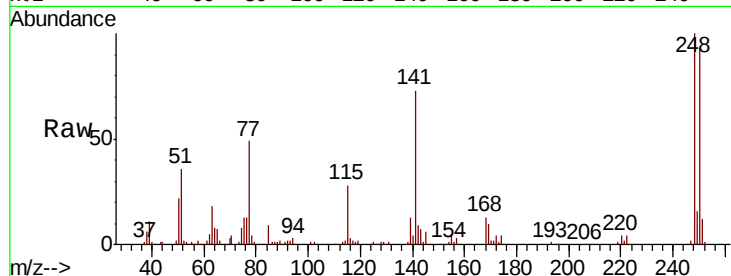
ClientSampleId :

PB116987BS

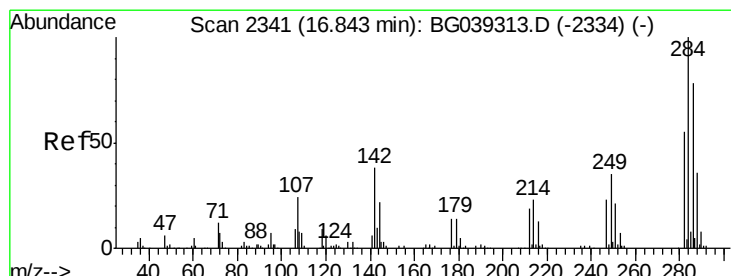
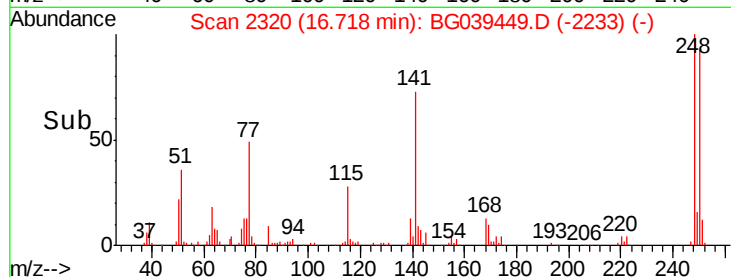
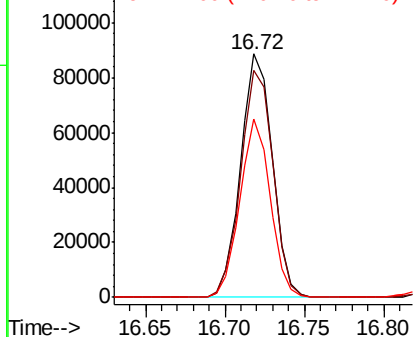
Tot Ion:	248	Resp:	123168
Ion Ratio	Lower	Upper	
248	100		
250	93.3	77.6	116.4
141	73.1	63.9	95.9

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 27.510 ng

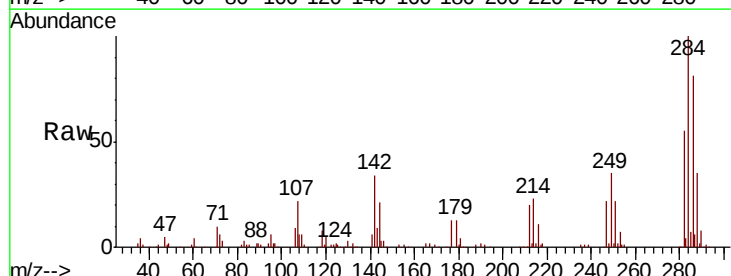
RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

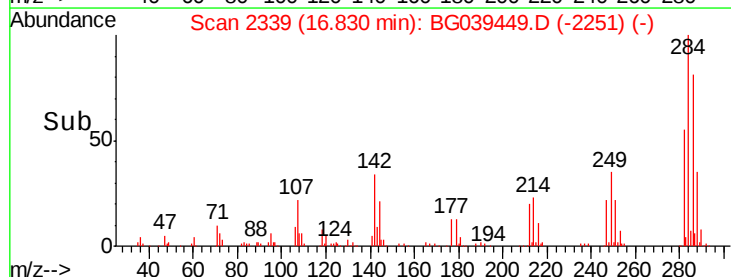
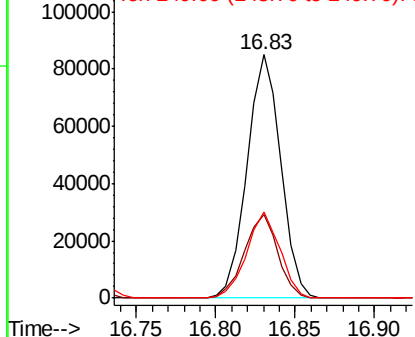
Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Tgt Ion:	284	Resp:	125224
Ion Ratio	Lower	Upper	
284	100		
142	34.2	30.6	45.8
249	35.3	28.2	42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 26.968 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

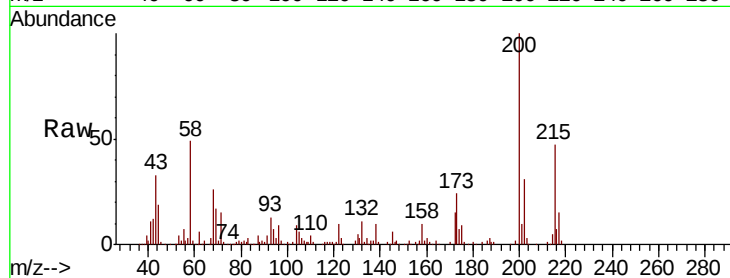
ClientSampleId :

PB116987BS

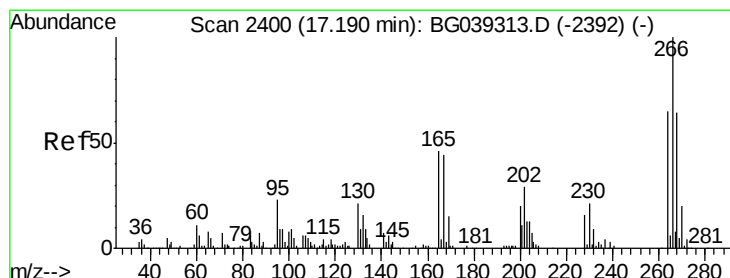
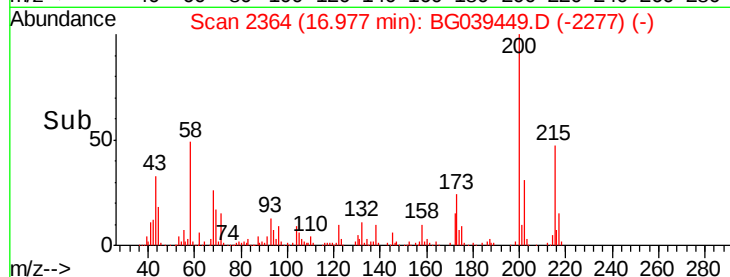
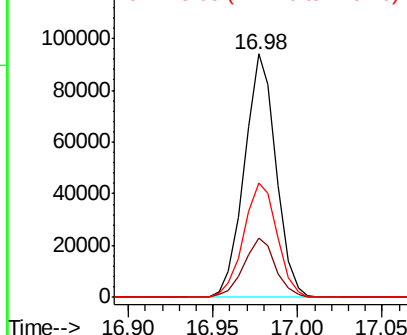
Tot Ion:	200	Resp:	122551
Ion Ratio	Lower	Upper	
200	100		
173	24.4	3.9	43.9
215	47.2	30.9	70.9

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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: 35.091 ng

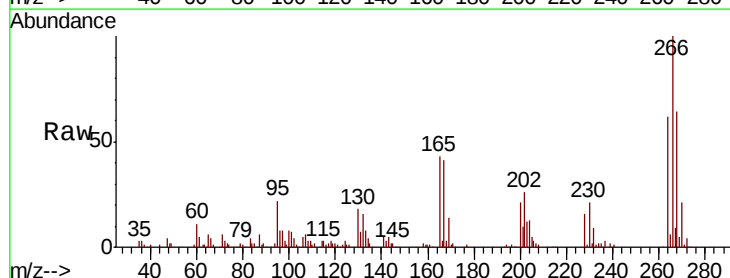
RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

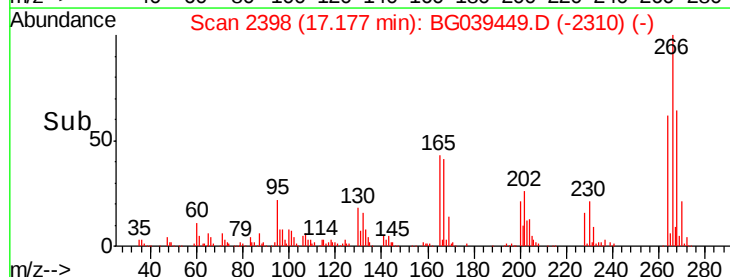
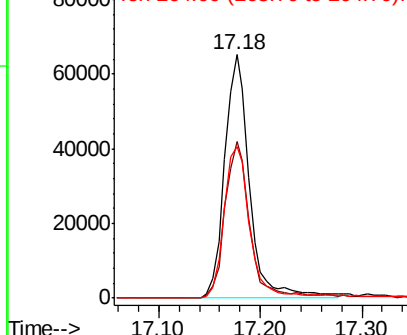
Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Tgt Ion:	266	Resp:	111016
Ion Ratio	Lower	Upper	
266	100		
268	64.2	51.1	76.7
264	62.3	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: 27.558 ng

RT: 17.58 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

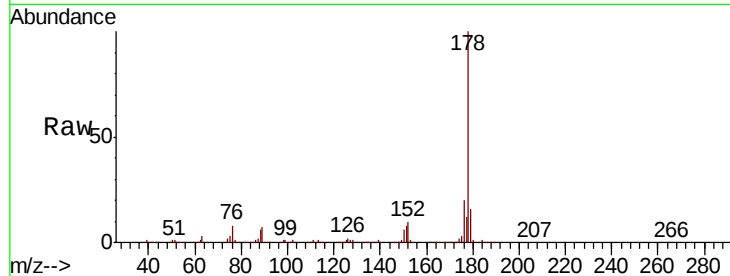
ClientSampled :

PB116987BS

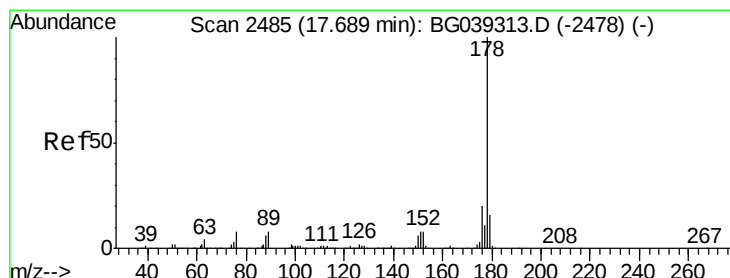
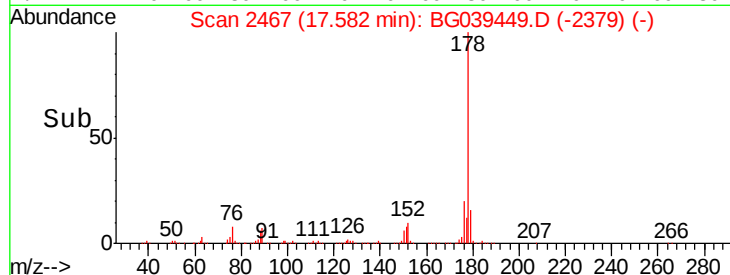
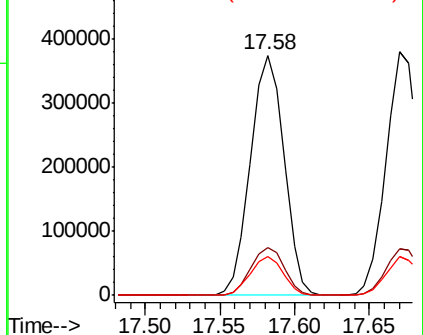
Tot Ion:178	Resp:	583318
Ion Ratio	Lower	Upper
178	100	
176	20.2	16.2 24.4
179	16.4	12.6 19.0

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



#72

Anthracene

Concen: 28.329 ng

RT: 17.67 min Scan# 2482

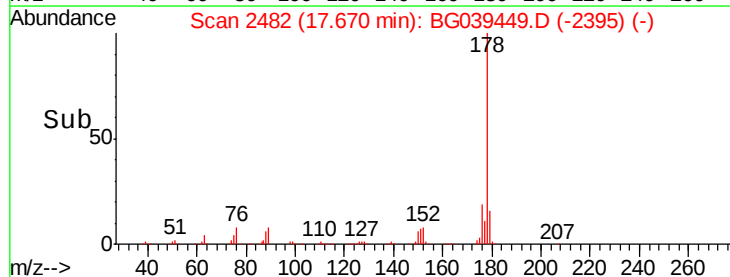
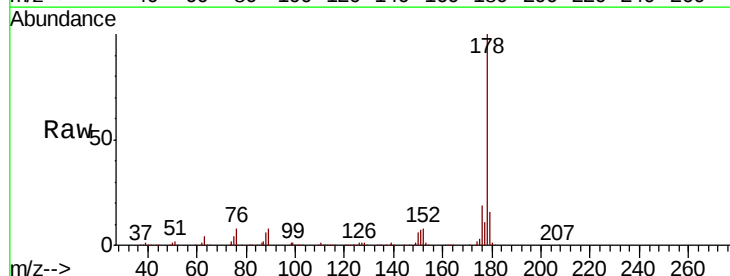
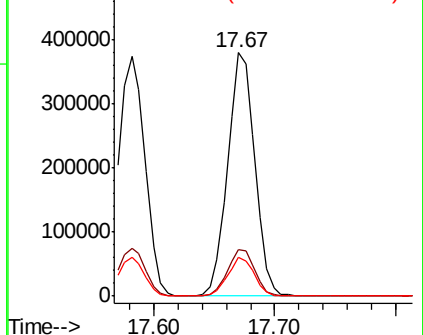
Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Tgt Ion:178	Resp:	590634
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.8 23.6
179	16.2	12.5 18.7

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





#73

Carbazole

Concen: 24.243 ng

RT: 17.94 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

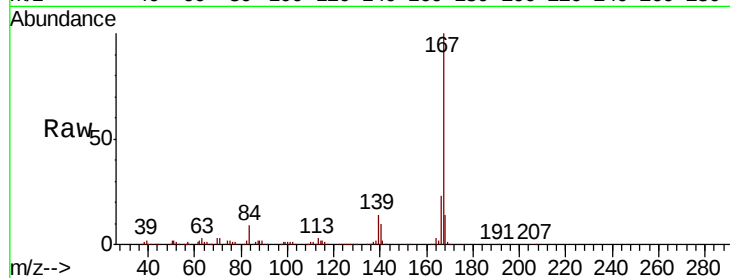
ClientSampleId :

PB116987BS

Tot Ion:	167	Resp:	504430
Ion Ratio		Lower	Upper
167	100		
166	22.7	19.4	29.2
139	14.2	10.8	16.2

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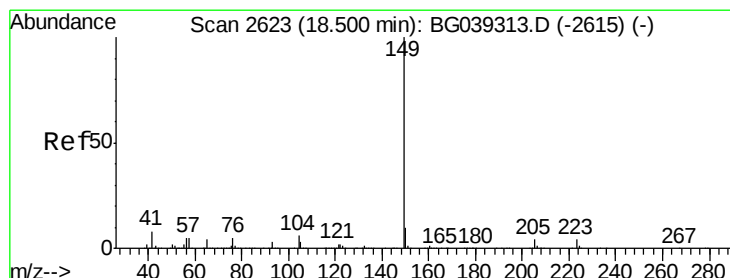
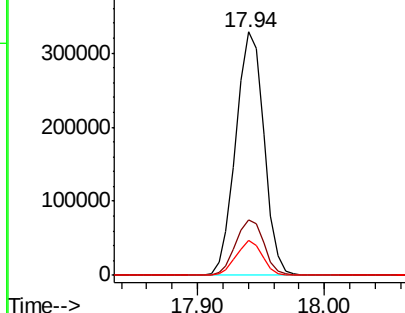
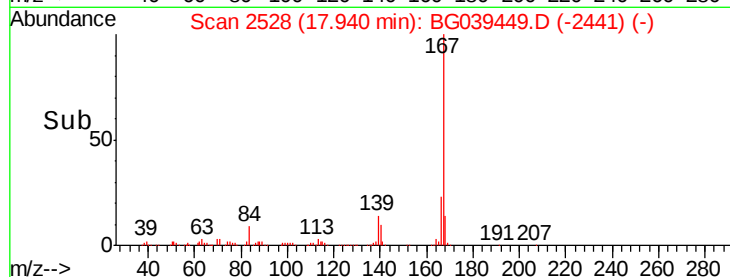


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 24.665 ng

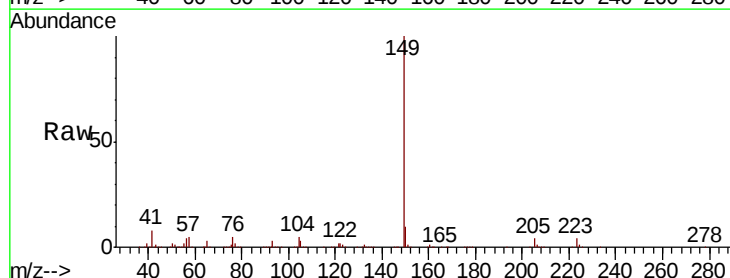
RT: 18.47 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Tgt Ion:	149	Resp:	598738
Ion Ratio		Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.3	4.5	6.7

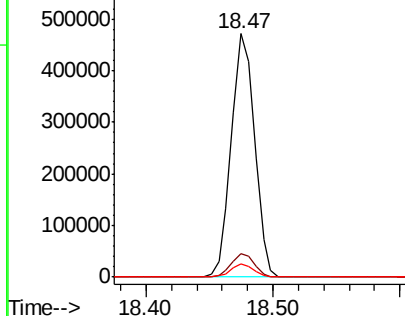
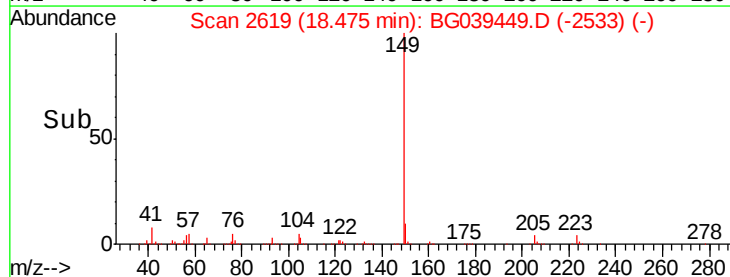


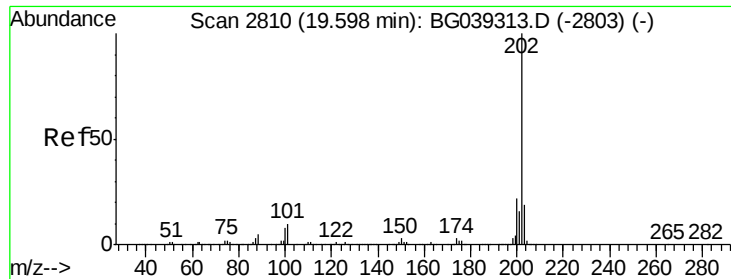
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 27.640 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

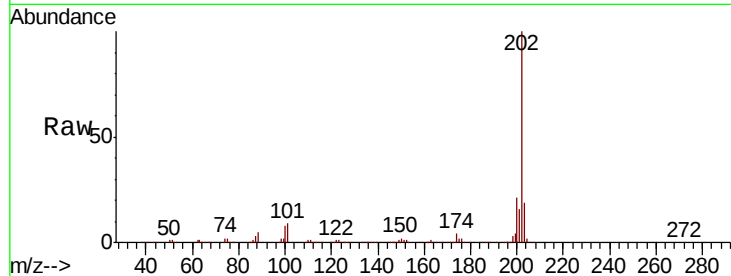
ClientSampleId :

PB116987BS

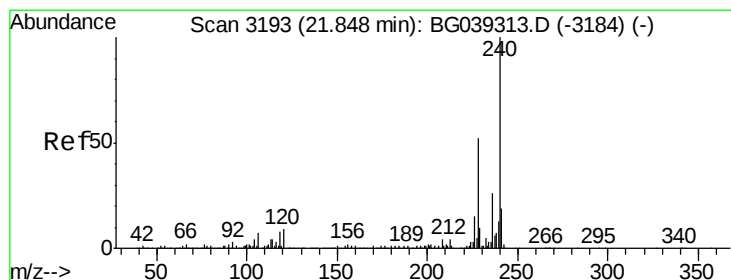
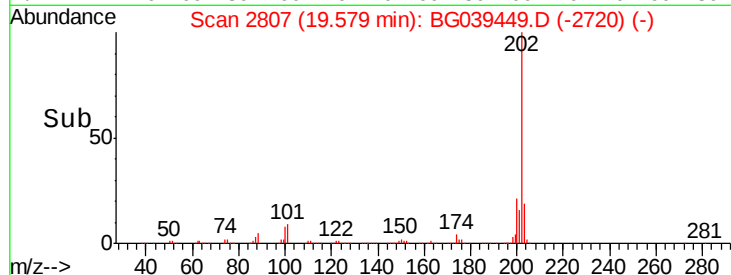
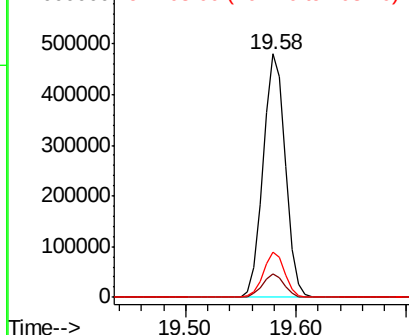
Tot Ion:	202	Resp:	679044
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	30.0
203	18.7	0.0	38.9

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



#76

Chrysene-d12

Concen: 20.000 ng

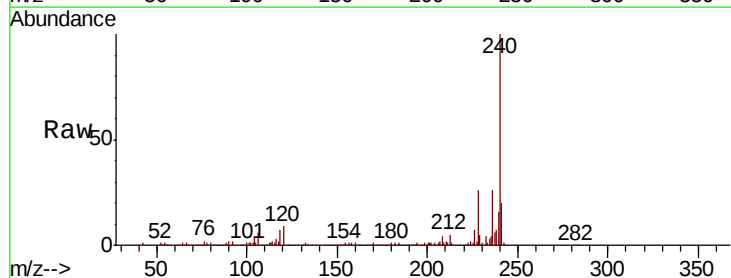
RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

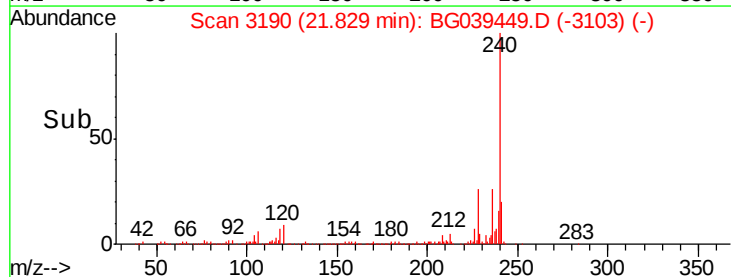
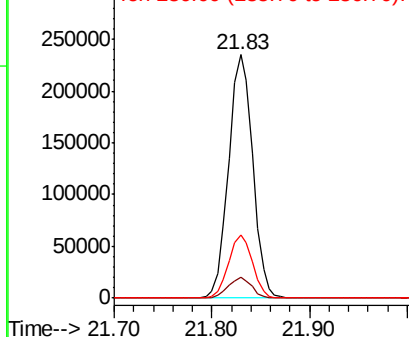
Lab File: BG039449.D

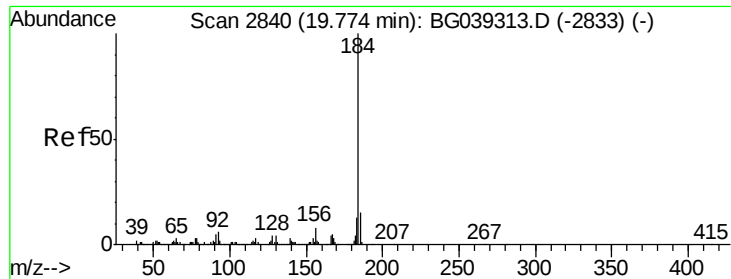
Acq: 12 Feb 2019 00:43

Tgt Ion:	240	Resp:	402923
Ion Ratio	Lower	Upper	
240	100		
120	8.6	7.0	10.6
236	26.2	21.0	31.4



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





#77

Benzidine

Concen: 11.254 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

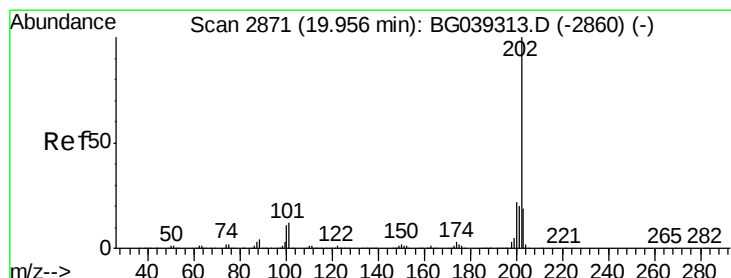
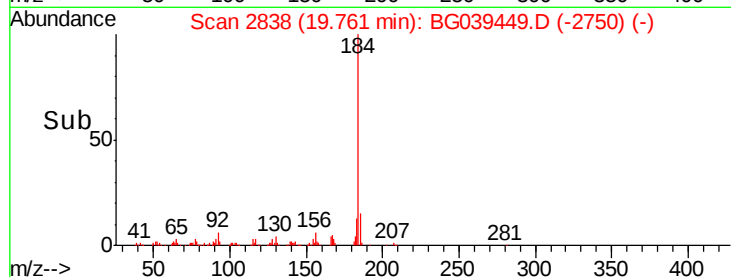
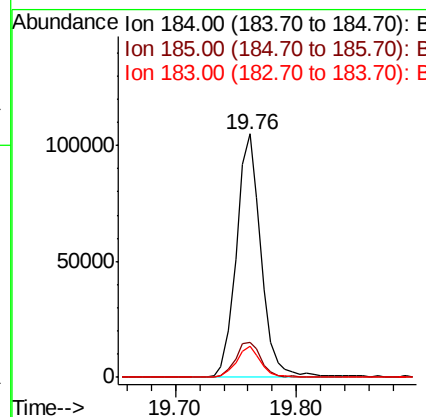
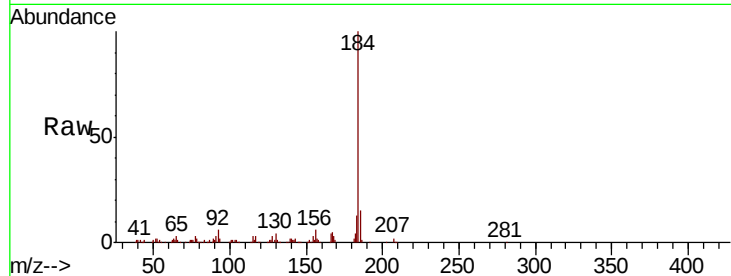
ClientSampled :

PB116987BS

Tot Ion:	184	Resp:	148670
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.2	18.2
183	12.6	10.6	15.8

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#78

Pyrene

Concen: 27.048 ng

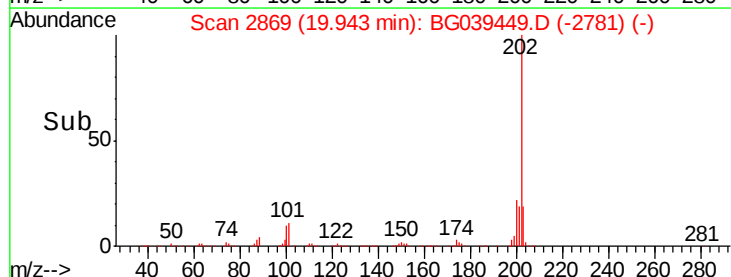
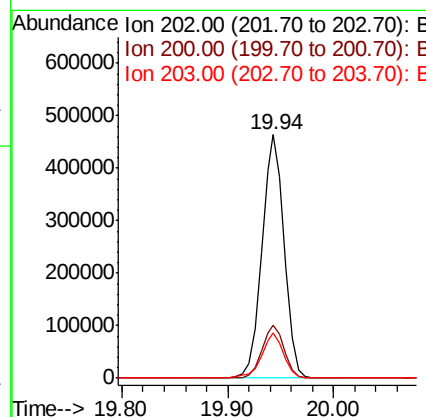
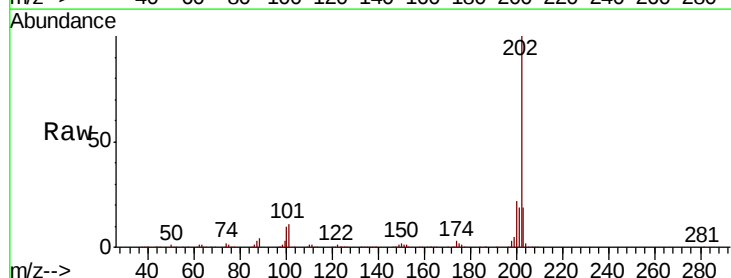
RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Tgt Ion:	202	Resp:	678449
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.8	26.8
203	18.8	15.3	22.9





#79

Terphenyl-d14

Concen: 50.873 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

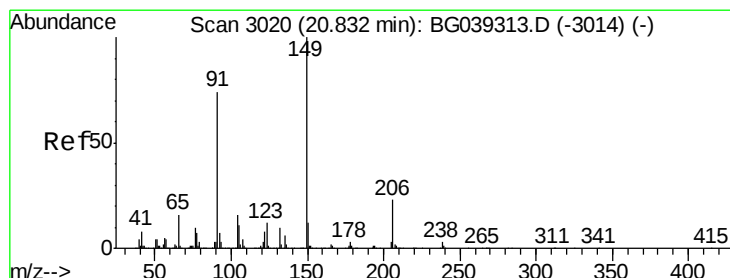
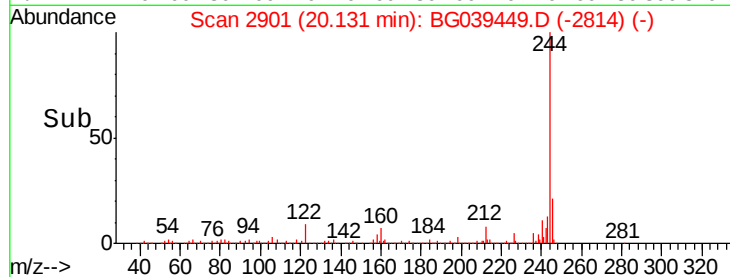
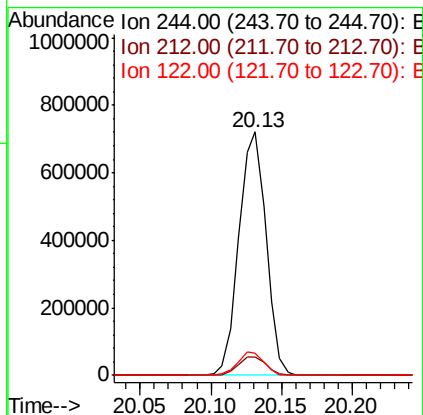
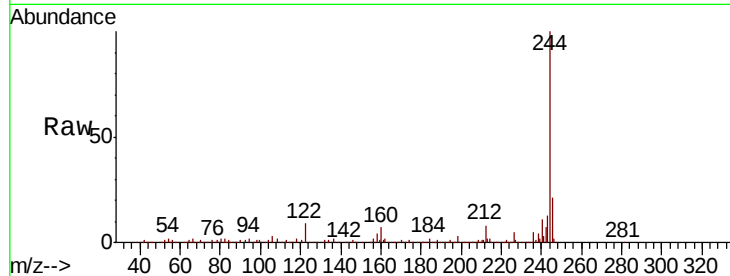
ClientSampleId :

PB116987BS

Tot Ion:	244	Resp:	968394
Ion Ratio		Lower	Upper
244	100		
212	7.7	7.3	10.9
122	9.3	8.4	12.6

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#80

Butylbenzylphthalate

Concen: 25.913 ng

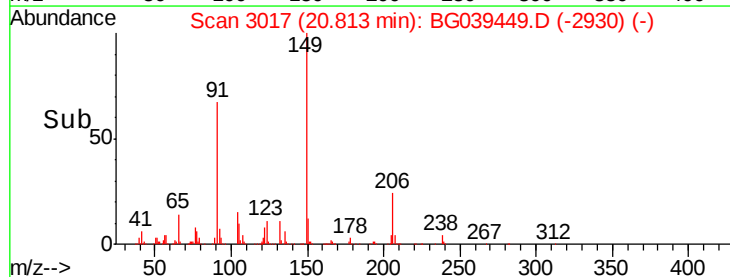
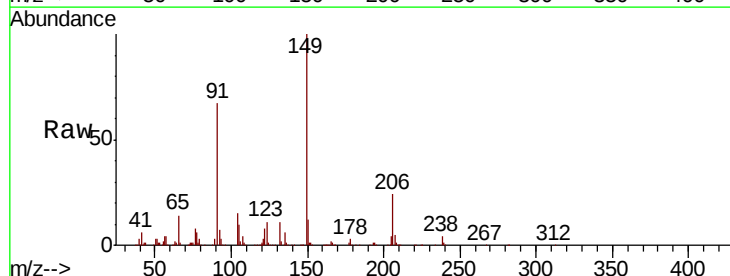
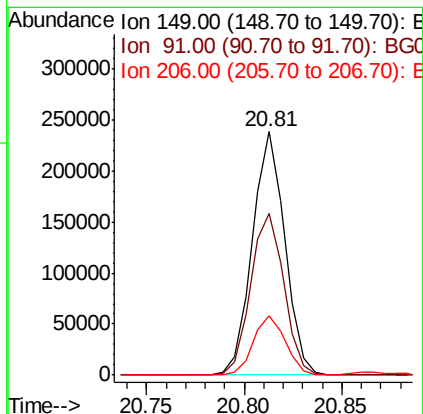
RT: 20.81 min Scan# 3017

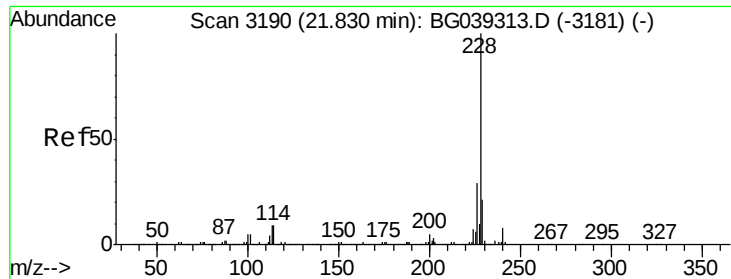
Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Tgt Ion:	149	Resp:	274182
Ion Ratio		Lower	Upper
149	100		
91	66.5	59.5	89.3
206	24.2	18.6	27.8





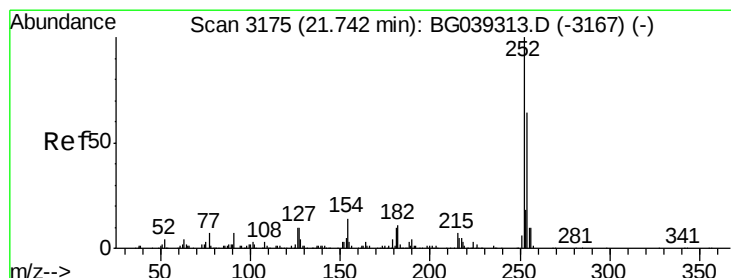
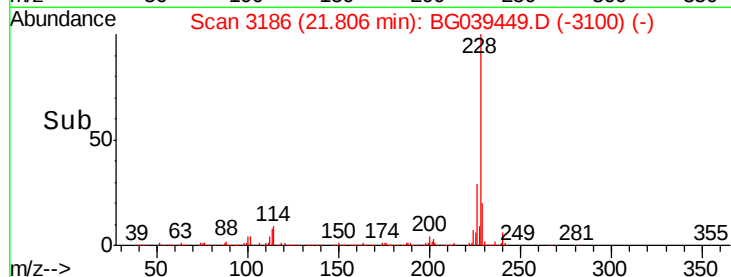
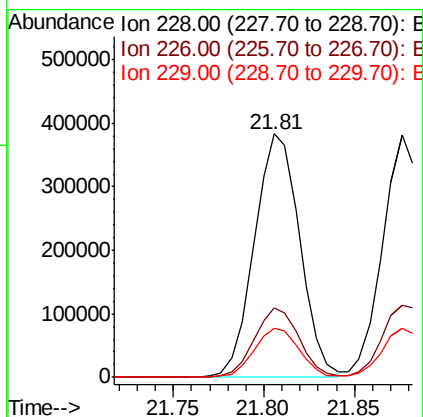
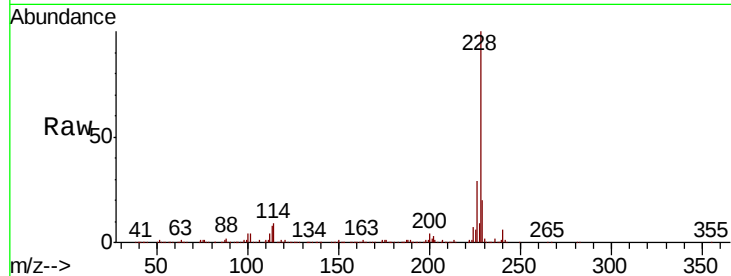
#81
Benzo(a)anthracene
Concen: 27.959 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.6
229	20.0	16.9	25.3

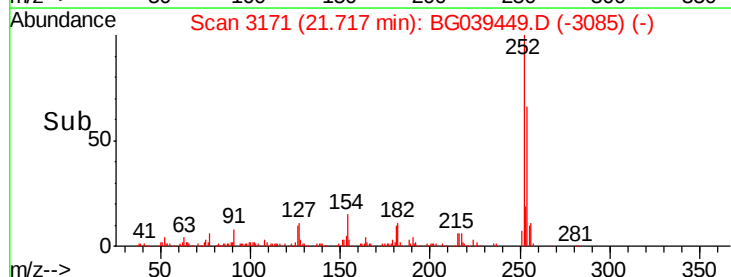
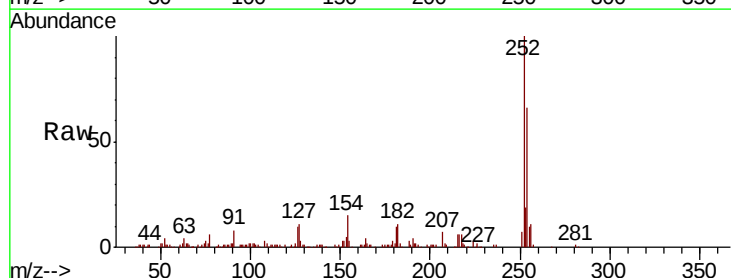
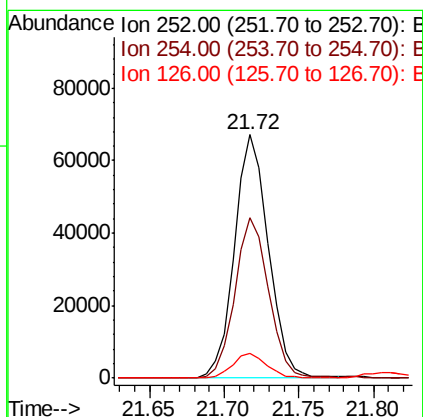
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#82
3,3'-Dichlorobenzidine
Concen: 12.032 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.3	76.9
126	10.3	8.0	12.0





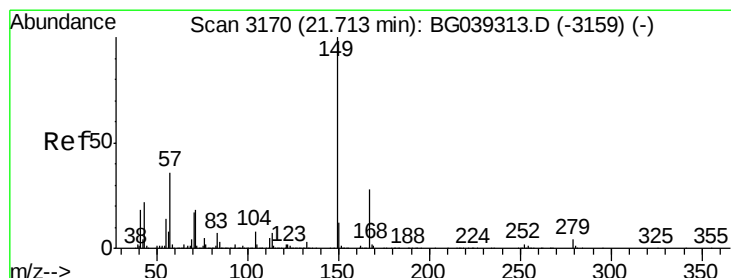
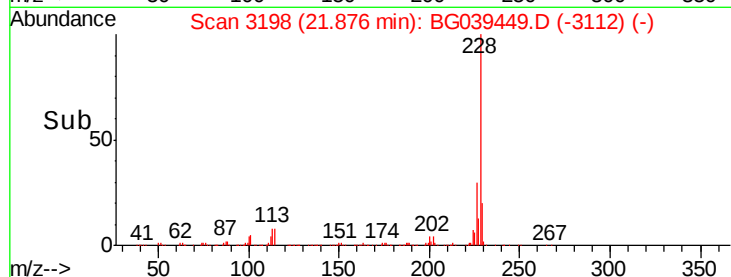
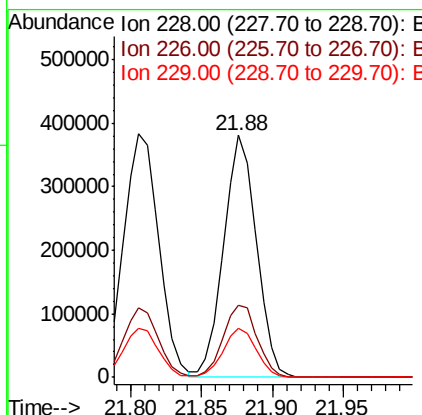
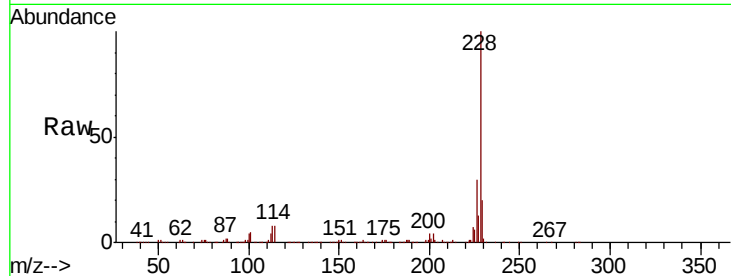
#83
Chrysene
Concen: 27.156 ng
RT: 21.88 min Scan# 3198
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampled :
PB116987BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.8	38.6
229	20.2	16.6	25.0

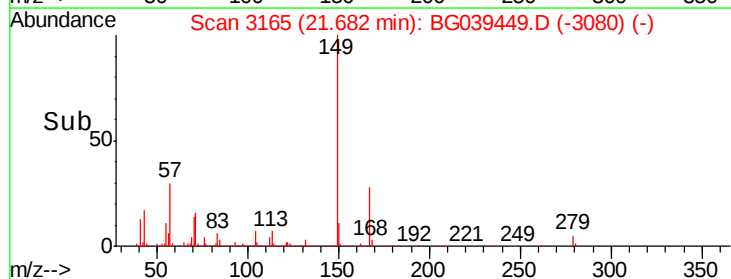
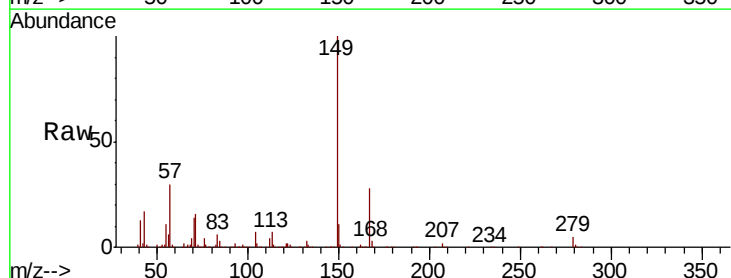
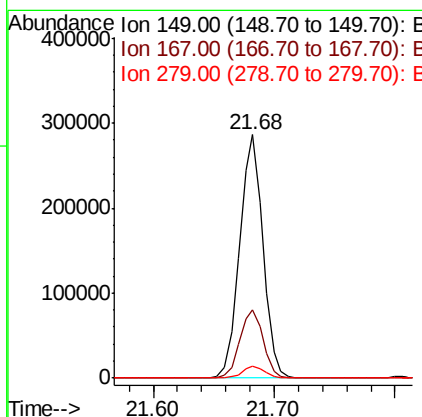
Manual Integrations
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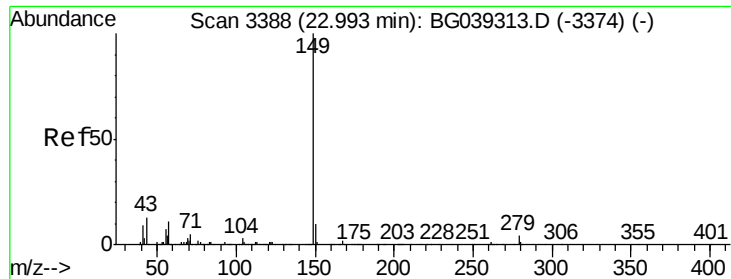
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#84
Bis(2-ethylhexyl)phthalate
Concen: 25.447 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.03 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.6	34.0
279	4.8	3.5	5.3





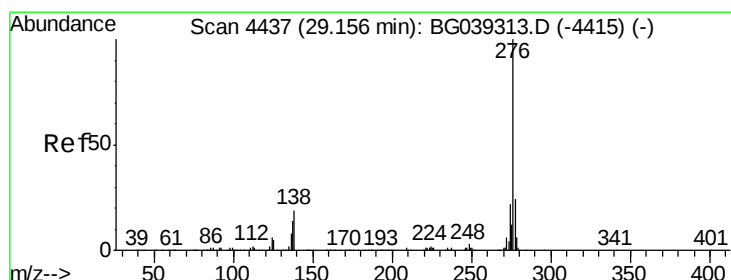
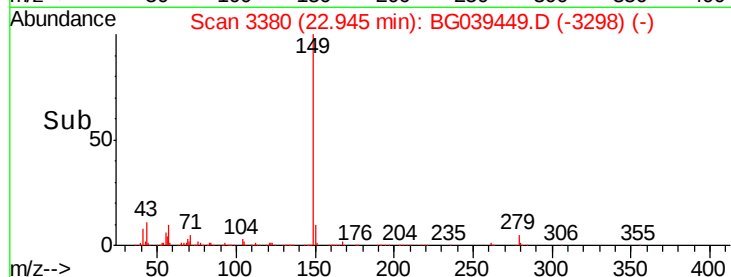
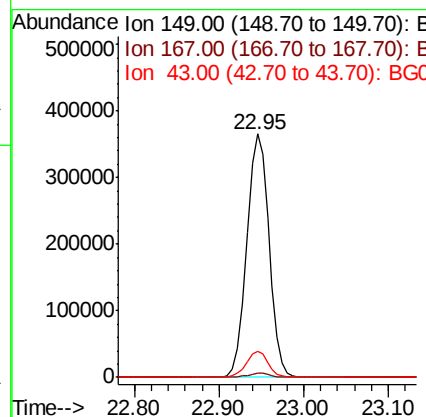
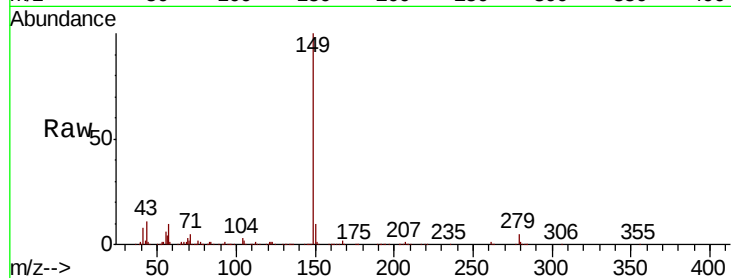
#85
Di-n-octyl phthalate
Concen: 26.594 ng
RT: 22.95 min Scan# 3380
Delta R.T. -0.05 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	663218		
167	1.7		1.3	1.9
43	10.7		10.2	15.4

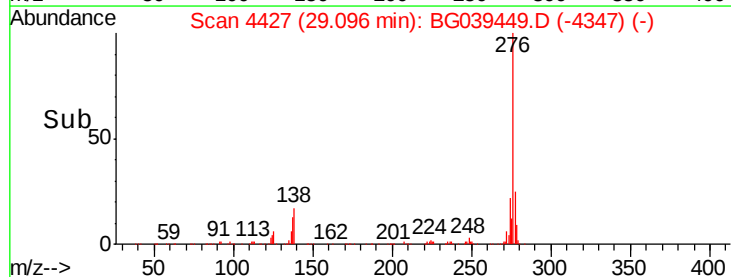
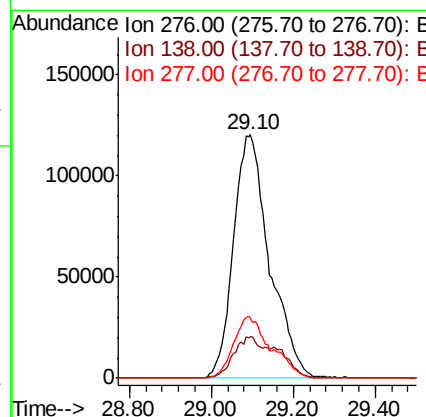
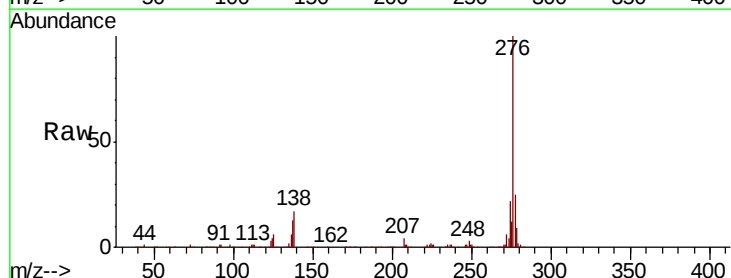
Manual Integrations
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#86
Indeno(1,2,3-cd)pyrene
Concen: 30.254 ng
RT: 29.10 min Scan# 4427
Delta R.T. -0.06 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	735675		
138	14.4		12.6	19.0
277	26.0		20.8	31.2





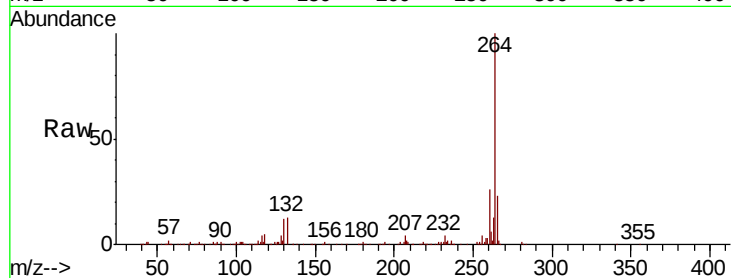
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3765
Delta R.T. -0.04 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PB116987BS

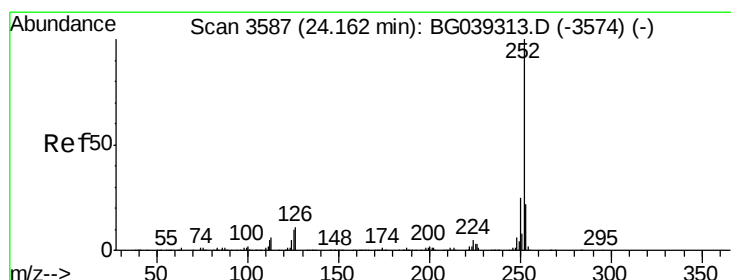
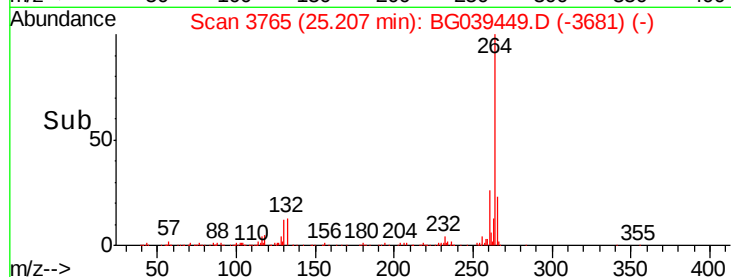
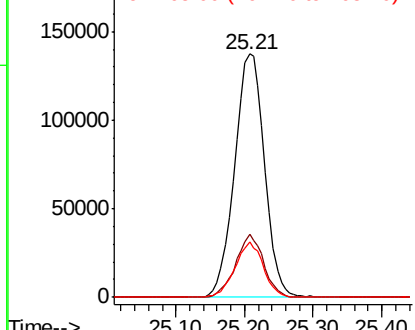
Tot Ion:	264	Resp:	414995
Ion Ratio	Lower	Upper	
264	100		
260	25.9	18.2	27.4
265	22.5	18.5	27.7

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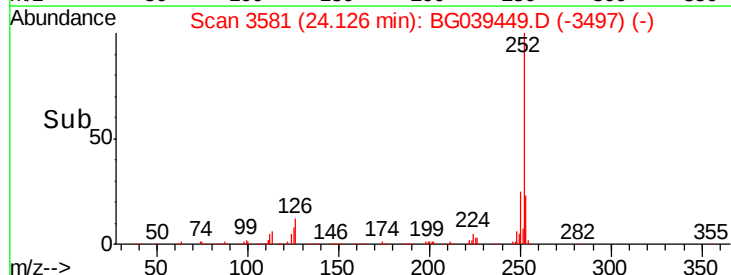
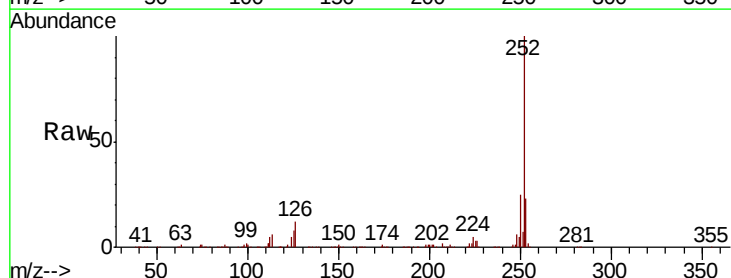
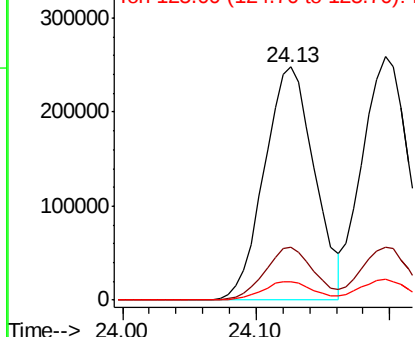
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 28.540 ng
RT: 24.13 min Scan# 3581
Delta R.T. -0.04 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion:	252	Resp:	645925
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	8.1	7.8	11.6

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





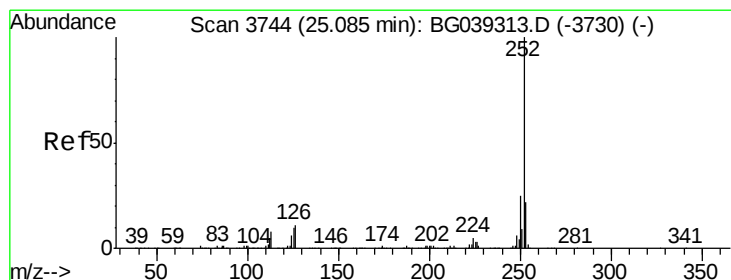
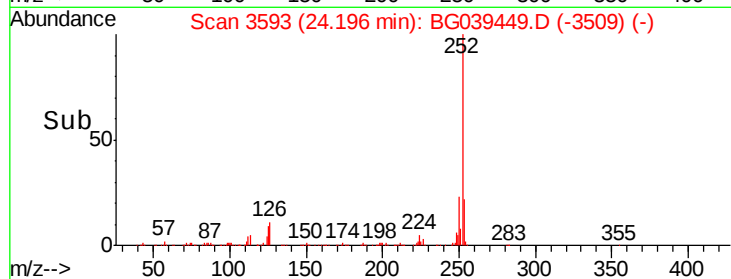
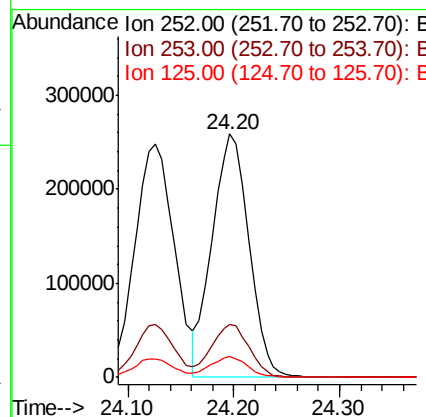
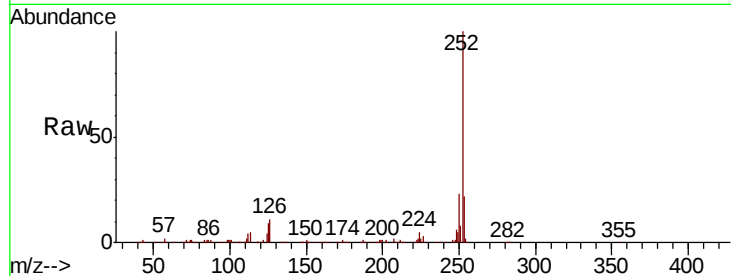
#89
Benzo(k)fluoranthene
Concen: 27.615 ng
RT: 24.20 min Scan# 3593
Delta R.T. -0.04 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	8.7	7.4	11.2

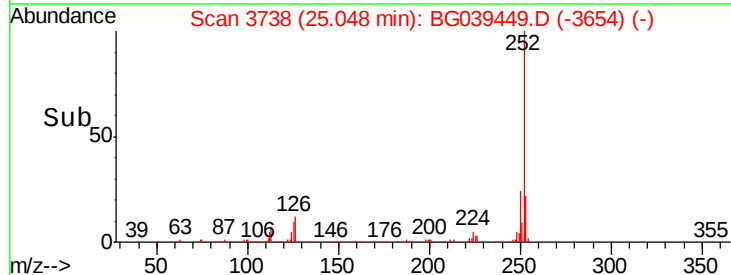
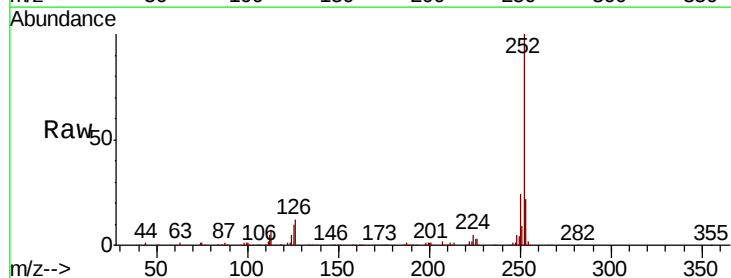
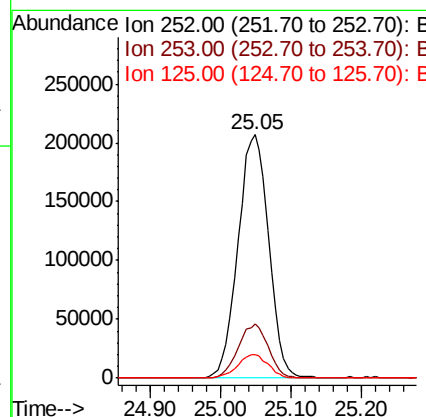
Manual Integrations
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2/12/2019 12:07:50 PM



#90
Benzo(a)pyrene
Concen: 28.671 ng
RT: 25.05 min Scan# 3738
Delta R.T. -0.04 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.7	8.3	12.5





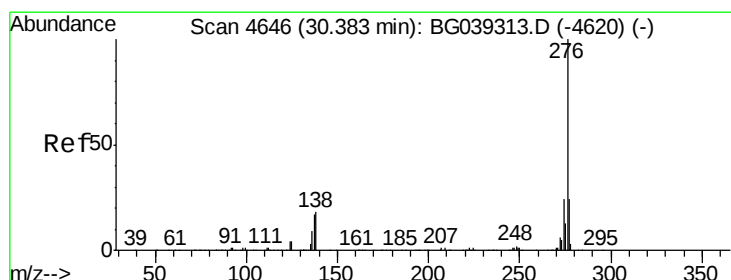
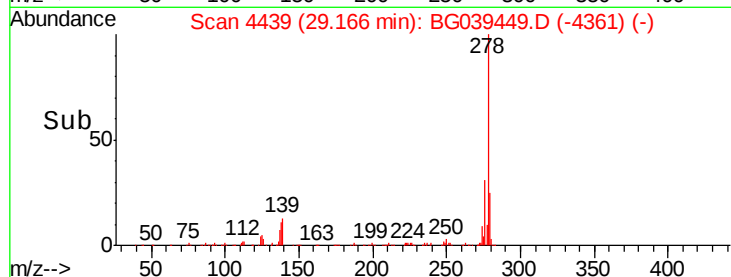
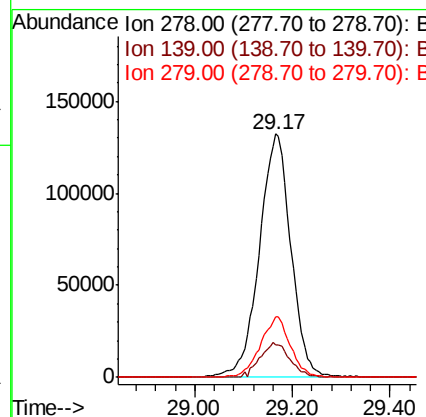
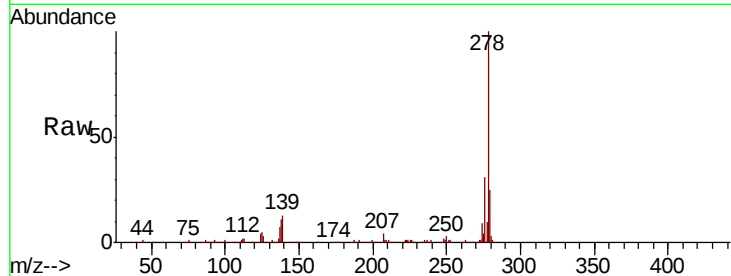
#91
Dibenzo(a,h)anthracene
Concen: 29.242 ng
RT: 29.17 min Scan# 4439
Delta R.T. -0.07 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.7	17.5
279	24.8	19.1	28.7

Manual Integrations
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2/12/2019 12:07:50 PM



#92
Benzo(g,h,i)perylene
Concen: 30.021 ng
RT: 30.32 min Scan# 4636
Delta R.T. -0.06 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.6	29.4
138	17.3	14.7	22.1

