

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039307.D
 Acq On : 26 Jan 2019 11:42
 Operator : JU/SJ
 Sample : PB116618BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BS

Manual Integrations
 APPROVED

mohammad
 1/29/2019 12:26:10 AM

Quant Time: Jan 28 04:17:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	13312	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	52646	20.00	ng	-0.01
39) Acenaphthene-d10	14.65	164	38861	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	109647	20.00	ng	0.00
76) Chrysene-d12	21.67	240	117610	20.00	ng	-0.01
87) Perylene-d12	24.92	264	124042	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	60168	85.74	ng	0.00
7) Phenol-d6	7.17	99	108291	107.23	ng	0.00
23) Nitrobenzene-d5	9.18	82	69865	72.62	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	46048	70.69	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	195907	68.99	ng	0.00
79) Terphenyl-d14	20.00	244	376971	59.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	7797	28.373	ng	# 80
3) Pyridine	3.84	79	22469	30.091	ng	98
4) n-Nitrosodimethylamine	3.76	42	14334	42.659	ng	96
6) Aniline	7.33	93	20973	17.292	ng	98
8) 2-Chlorophenol	7.57	128	33109	40.025	ng	98
9) Benzaldehyde	7.15	77	8500	14.595	ng	91
10) Phenol	7.19	94	56510	55.812	ng	96
11) bis(2-Chloroethyl)ether	7.42	93	29866	38.594	ng	98
12) 1,3-Dichlorobenzene	7.89	146	32525	32.817	ng	96
13) 1,4-Dichlorobenzene	8.04	146	33775	33.649	ng	100
14) 1,2-Dichlorobenzene	8.35	146	32782	34.253	ng	93
15) Benzyl Alcohol	8.25	79	28424	37.374	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	53559	36.094	ng	98
17) 2-Methylphenol	8.45	107	27326	38.867	ng	97
18) Hexachloroethane	9.08	117	11955	35.058	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	21720	32.751	ng	# 96
20) 3+4-Methylphenols	8.78	107	37315	37.226	ng	98
22) Acetophenone	8.84	105	46391	33.742	ng	# 97
24) Nitrobenzene	9.22	77	34017	34.980	ng	95
25) Isophorone	9.74	82	65292	39.397	ng	97
26) 2-Nitrophenol	9.94	139	18272	34.737	ng	# 88
27) 2,4-Dimethylphenol	9.98	122	31751	42.906	ng	88
28) bis(2-Chloroethoxy)methane	10.22	93	37325	37.474	ng	99
29) 2,4-Dichlorophenol	10.47	162	36398	39.591	ng	95
30) 1,2,4-Trichlorobenzene	10.68	180	38592	34.937	ng	93
31) Naphthalene	10.87	128	99221	37.578	ng	99
32) Benzoic acid	10.18	122	5459m	19.081	ng	
33) 4-Chloroaniline	11.00	127	11989	10.147	ng	98
34) Hexachlorobutadiene	11.13	225	25727	33.848	ng	93
35) Caprolactam	11.77	113	12657m	34.333	ng	
36) 4-Chloro-3-methylphenol	12.11	107	39757	40.432	ng	95
37) 2-Methylnaphthalene	12.47	142	78306	39.556	ng	98
38) 1-Methylnaphthalene	12.69	142	76556m	40.290	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	49568	33.963	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	52510	65.038	nq	96
43) 2,4,6-Trichlorophenol	13.08	196	32664	35.560	nq	93
44) 2,4,5-Trichlorophenol	13.16	196	37452	38.578	nq	97
46) 1,1'-Biphenyl	13.48	154	104419	33.910	nq	99
47) 2-Chloronaphthalene	13.53	162	85953	34.494	nq	99
48) 2-Nitroaniline	13.74	65	26501	37.962	nq	98
49) Acenaphthylene	14.37	152	143169	38.226	nq	100
50) Dimethylphthalate	14.10	163	123978	37.753	nq	99
51) 2,6-Dinitrotoluene	14.23	165	27028	36.813	nq	98
52) Acenaphthene	14.71	154	80153	35.619	nq	95
53) 3-Nitroaniline	14.57	138	10229	13.734	nq	97
54) 2,4-Dinitrophenol	14.78	184	15639	38.615	nq	98
55) Dibenzofuran	15.05	168	142912	35.959	nq	99
56) 4-Nitrophenol	14.88	139	38664	72.147	nq	95
57) 2,4-Dinitrotoluene	15.02	165	39096	37.116	nq	97
58) Fluorene	15.69	166	114354	38.226	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.28	232	36778	40.132	nq	# 93
60) Diethylphthalate	15.45	149	125683	37.146	nq	98
61) 4-Chlorophenyl-phenylether	15.68	204	65430	34.717	nq	100
62) 4-Nitroaniline	15.73	138	28188	36.330	nq	93
63) Azobenzene	15.98	77	96930	36.633	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	20678	25.455	nq	97
66) n-Nitrosodiphenylamine	15.90	169	108379	33.342	nq	97
67) 4-Bromophenyl-phenylether	16.57	248	45722	32.439	nq	96
68) Hexachlorobenzene	16.69	284	49018	31.872	nq	96
69) Atrazine	16.84	200	48763	35.314	nq	99
70) Pentachlorophenol	17.04	266	39798	44.645	nq	99
71) Phenanthrene	17.44	178	212508	36.667	nq	100
72) Anthracene	17.53	178	213453	37.250	nq	99
73) Carbazole	17.81	167	193659	34.235	nq	100
74) Di-n-butylphthalate	18.33	149	227906	36.215	nq	99
75) Fluoranthene	19.45	202	272817	37.972	nq	98
77) Benzidine	19.64	184	48854	13.581	nq	99
78) Pyrene	19.81	202	276351	36.871	nq	98
80) Butylbenzylphthalate	20.68	149	101004	35.432	nq	99
81) Benzo(a)anthracene	21.65	228	278910	38.957	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	44690	15.320	nq	99
83) Chrysene	21.72	228	260861	38.309	nq	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	149660	37.810	nq	97
85) Di-n-octyl phthalate	22.72	149	244741	36.567	nq	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	400769	49.256	nq	# 93
88) Benzo(b)fluoranthene	23.88	252	264922	38.733	nq	100
89) Benzo(k)fluoranthene	23.95	252	265453	39.253	nq	99
90) Benzo(a)pyrene	24.77	252	259606	39.268	nq	98
91) Dibenzo(a,h)anthracene	28.71	278	334218	50.825	nq	99
92) Benzo(g,h,i)perylene	29.84	276	327318	50.279	nq	# 92

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



#1

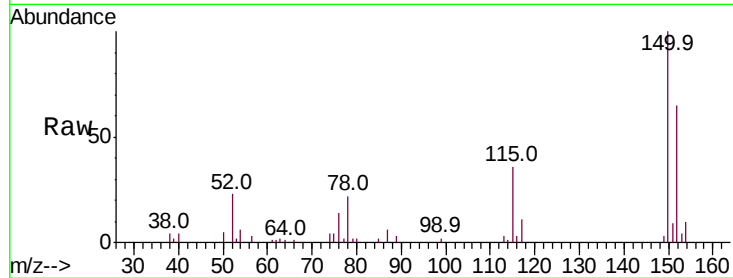
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG039307.D
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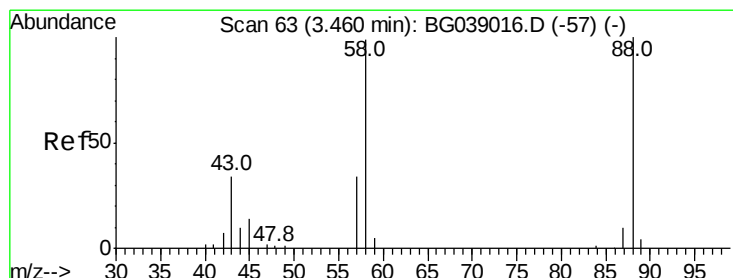
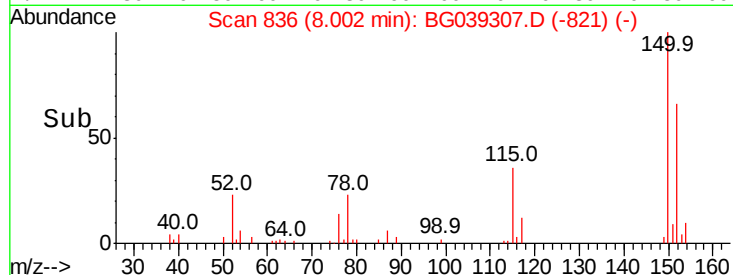
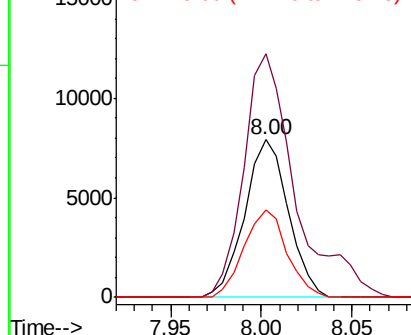
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.7	187.1
115	55.2	46.5	69.7

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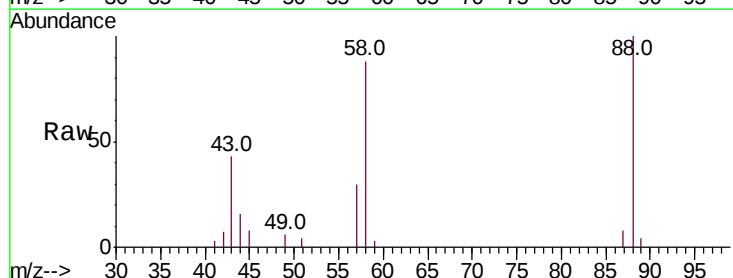
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



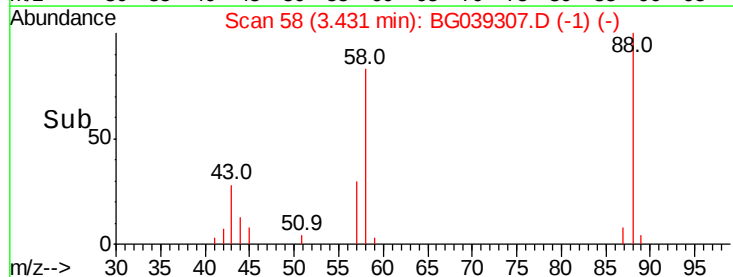
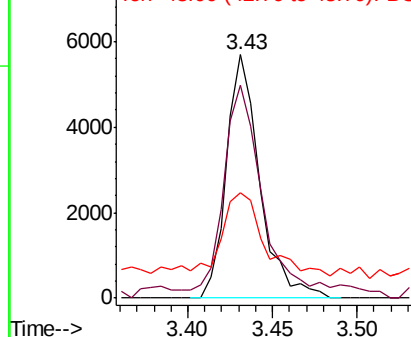
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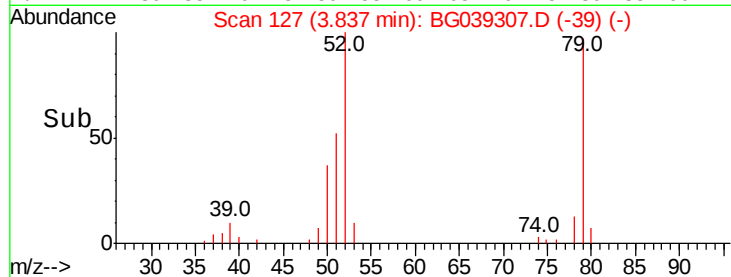
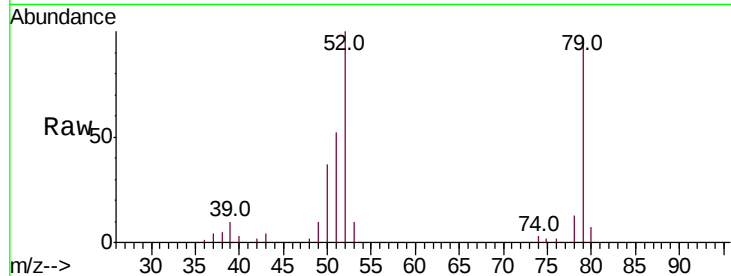
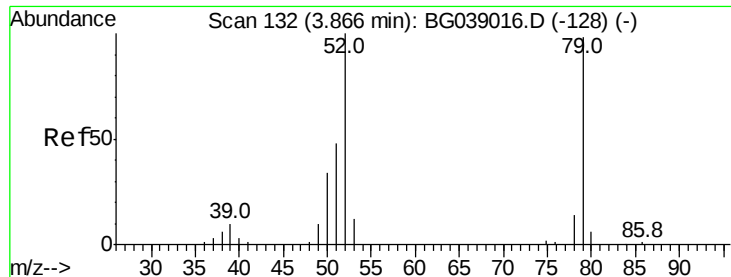
1,4-Dioxane
Concen: 28.373 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG039307.D
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Tgt Ion	Ratio	Lower	Upper
88	100		
58	109.2	72.4	108.6#
43	46.6	27.6	41.4#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





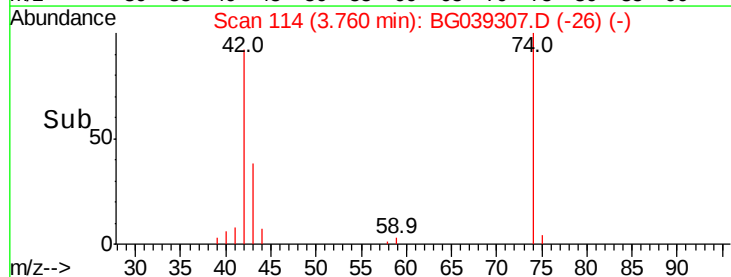
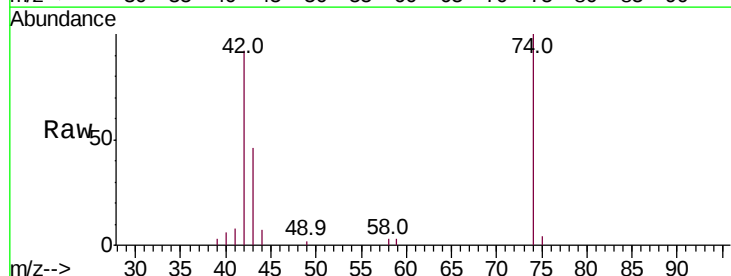
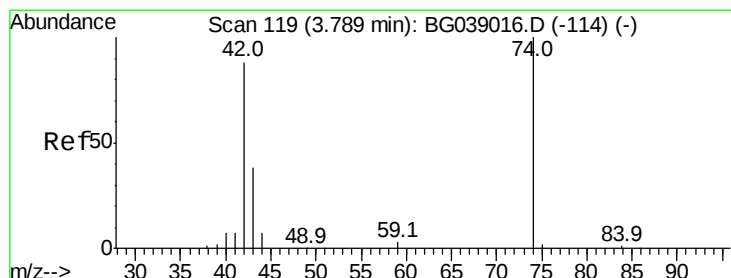
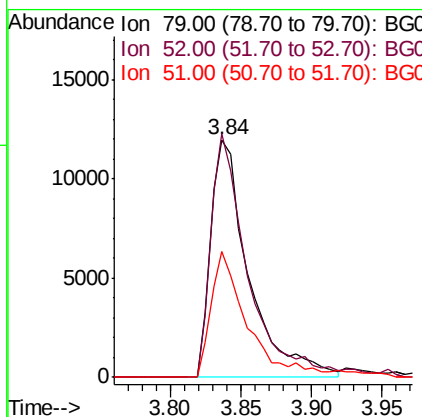
#3
Pvridine
Concen: 30.091 ng
RT: 3.84 min Scan# 127
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Tot Ion	Ratio	Lower	Upper
79	100		
52	102.6	81.5	122.3
51	53.1	39.8	59.6

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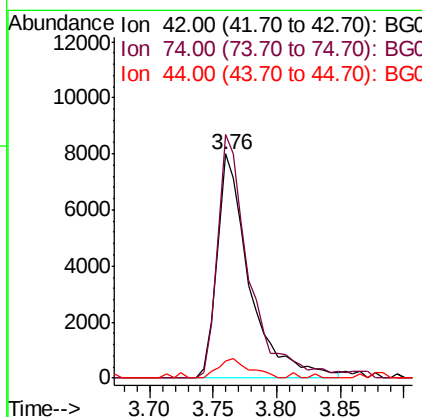
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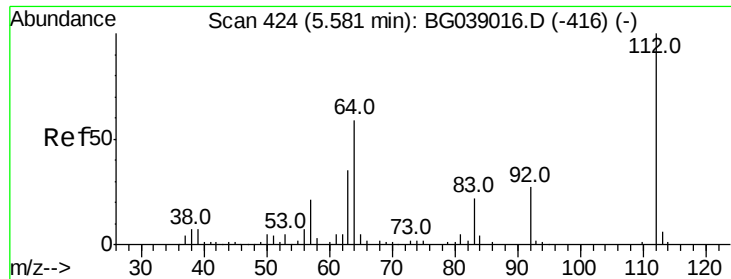
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#4
n-Nitrosodimethylamine
Concen: 42.659 ng
RT: 3.76 min Scan# 114
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Lower	Upper
42	100		
74	108.8	90.7	136.1
44	7.5	6.5	9.7





#5

2-Fluorophenol

Concen: 85.740 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Instrument :

BNA_G

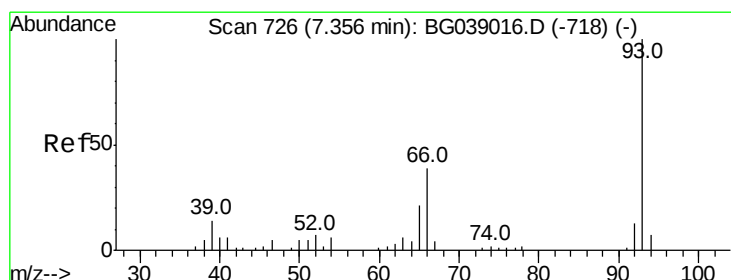
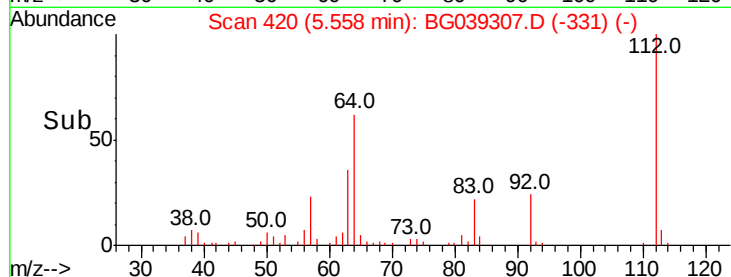
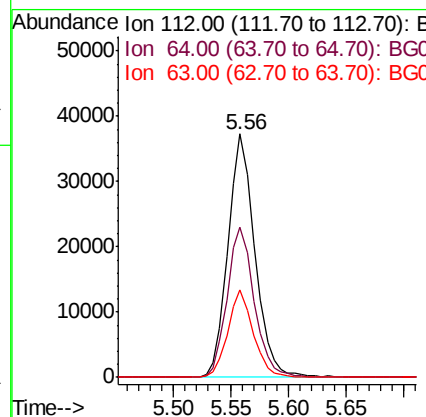
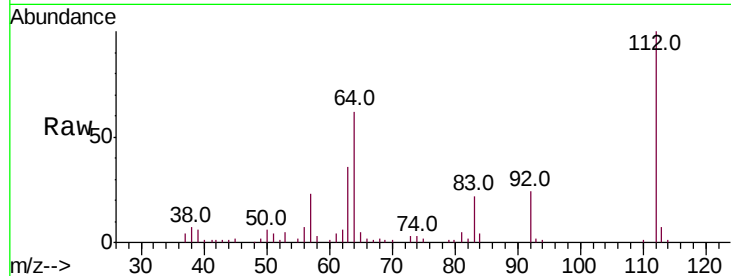
ClientSampleID :

PB116618BS

Tot Ion:	112	Resp:	60168
Ion Ratio	Lower	Upper	
112	100		
64	61.5	47.0	70.6
63	35.7	28.0	42.0

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#6

Aniline

Concen: 17.292 ng

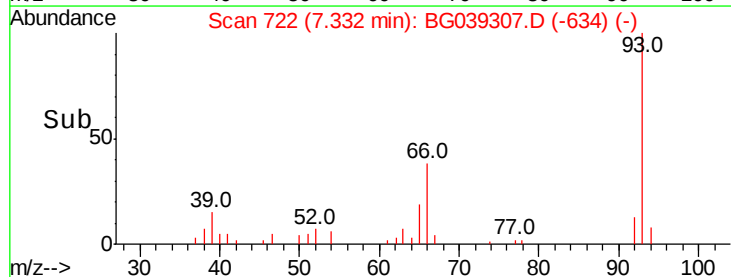
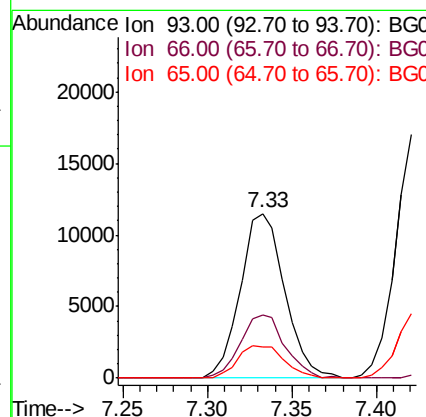
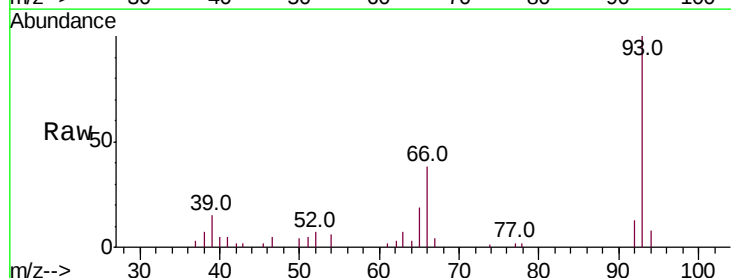
RT: 7.33 min Scan# 722

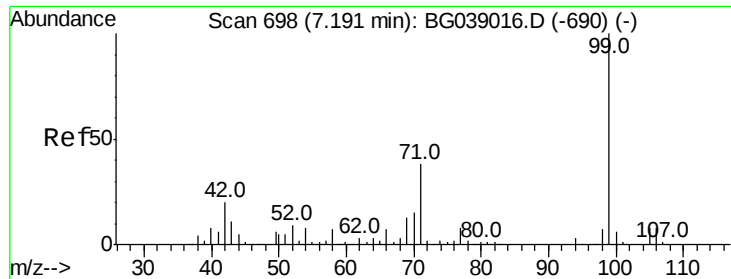
Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Tgt Ion:	93	Resp:	20973
Ion Ratio	Lower	Upper	
93	100		
66	38.3	30.9	46.3
65	19.1	17.0	25.4





#7

Phenol-d6

Concen: 107.229 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Instrument :

BNA_G

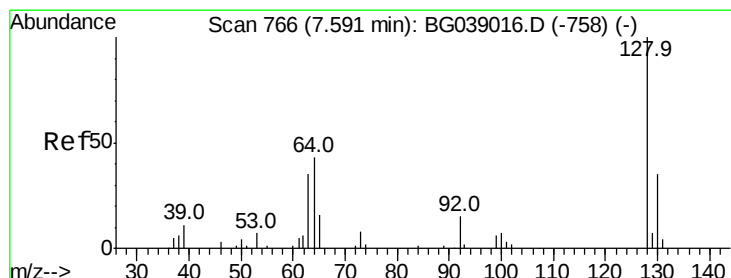
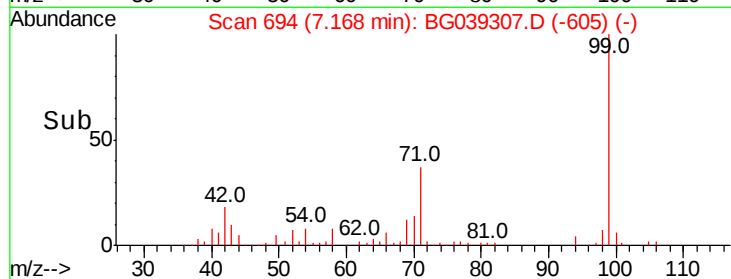
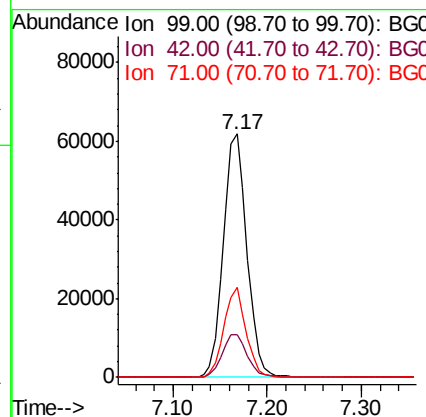
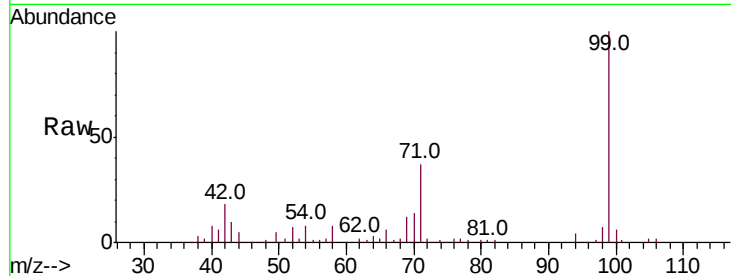
ClientSampleId :

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Tot Ion:	99	Resp:	108291
Ion Ratio	Lower	Upper	
99	100		
42	17.7	15.8	23.6
71	37.2	30.2	45.4

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#8

2-Chlorophenol

Concen: 40.025 ng

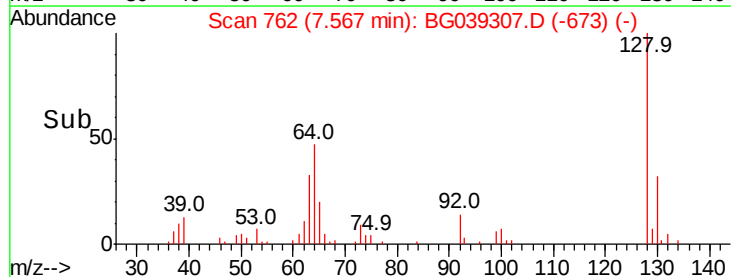
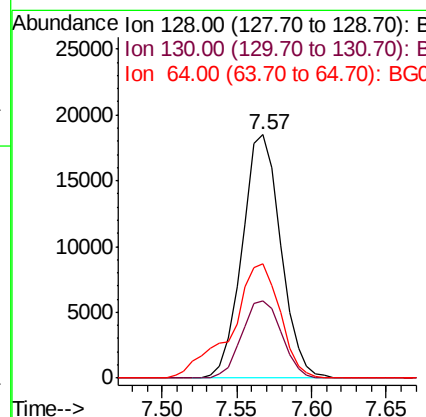
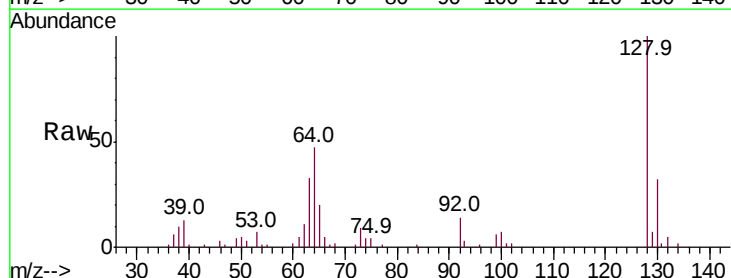
RT: 7.57 min Scan# 762

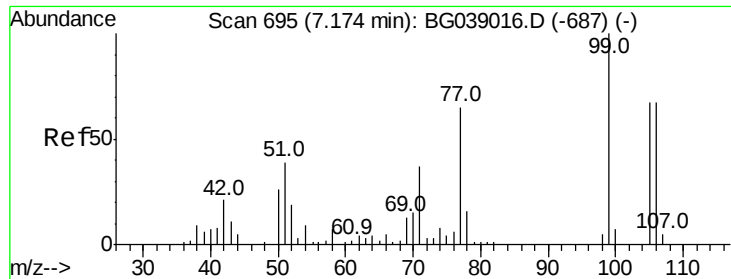
Delta R.T. -0.01 min

Lab File: BG039307.D

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Tgt Ion:	128	Resp:	33109
Ion Ratio	Lower	Upper	
128	100		
130	31.7	14.5	54.5
64	46.9	27.3	67.3





#9

Benzaldehyde

Concen: 14.595 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Instrument :

BNA_G

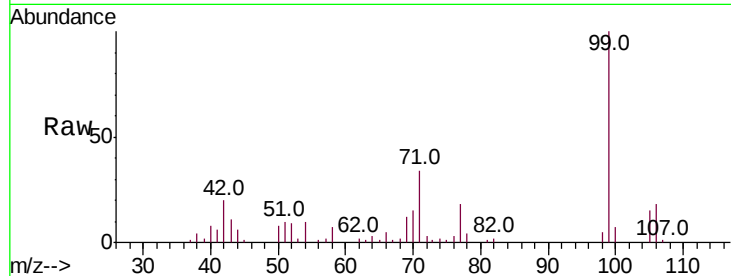
ClientSampleId :

PB116618BS

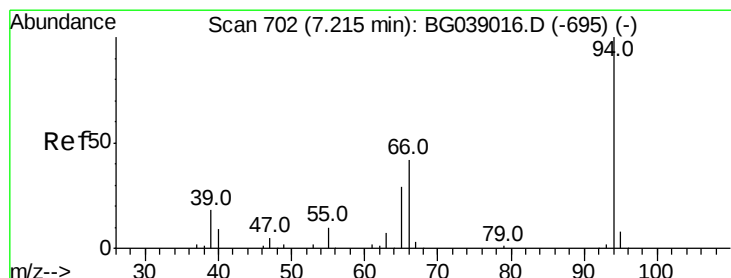
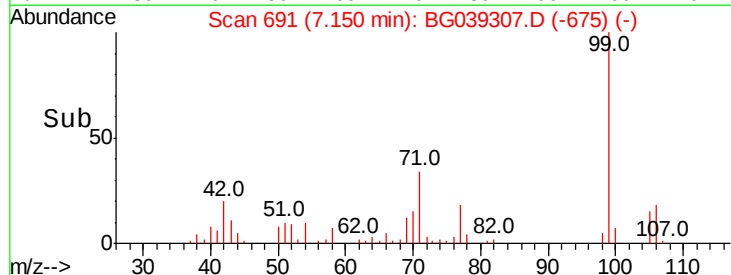
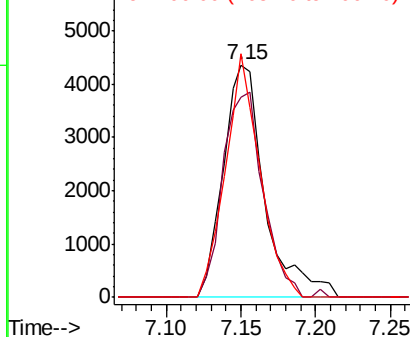
Tot Ion:	77	Resp:	8500
Ion	Ratio	Lower	Upper
77	100		
105	85.8	82.4	122.4
106	104.6	82.8	122.8

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



#10

Phenol

Concen: 55.812 ng

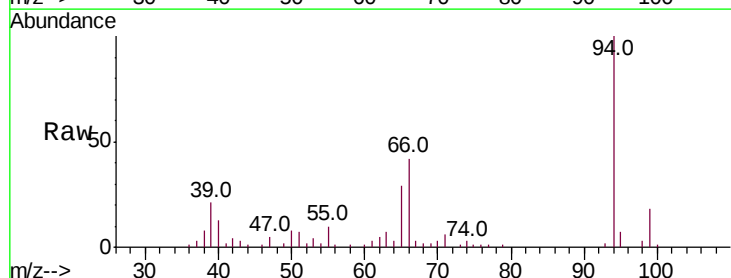
RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

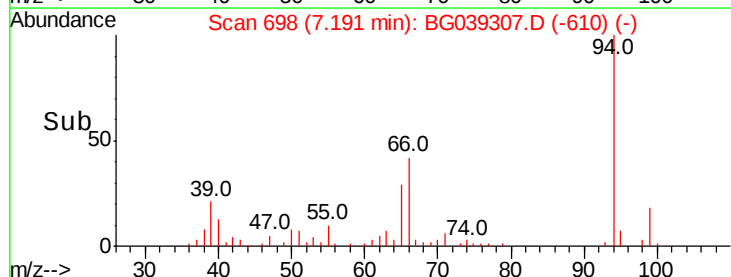
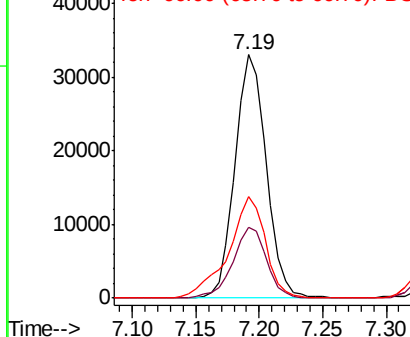
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Tgt Ion:	94	Resp:	56510
Ion	Ratio	Lower	Upper
94	100		
65	29.3	10.3	50.3
66	41.8	25.1	65.1



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





#11

bis(2-Chloroethyl)ether

Concen: 38.594 ng

RT: 7.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Instrument :

BNA_G

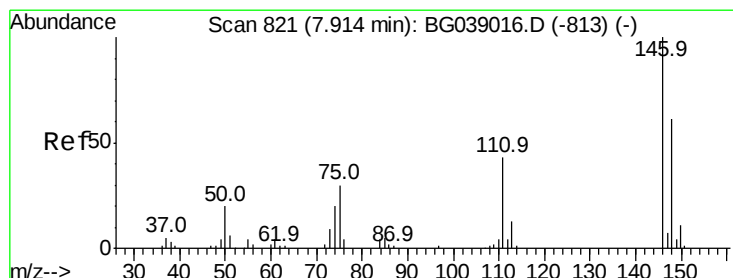
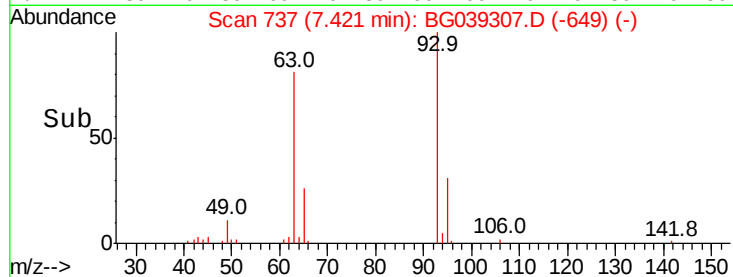
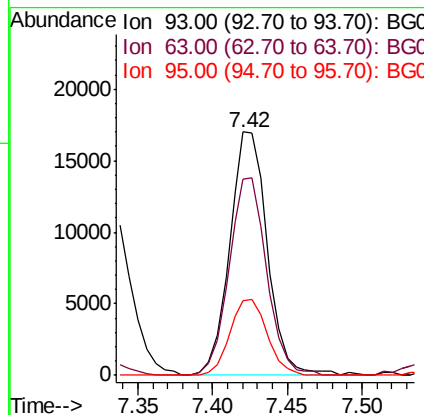
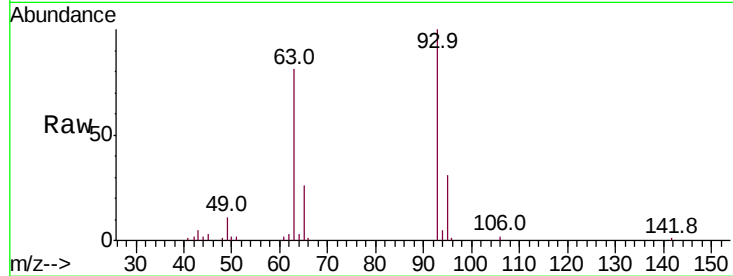
ClientSampleId :

PB116618BS

Tot Ion:	93	Resp:	29866
Ion	Ratio	Lower	Upper
93	100		
63	80.5	63.2	103.2
95	30.6	11.2	51.2

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#12

1,3-Dichlorobenzene

Concen: 32.817 ng

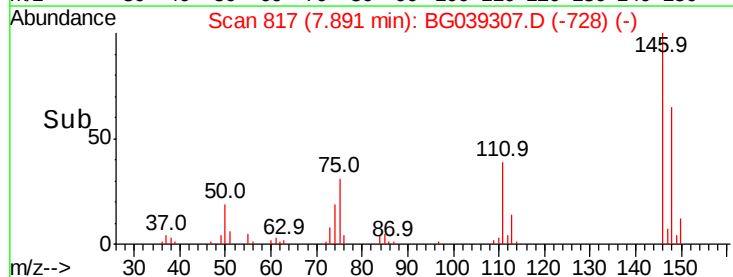
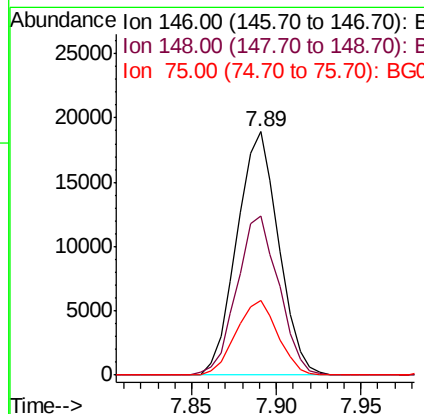
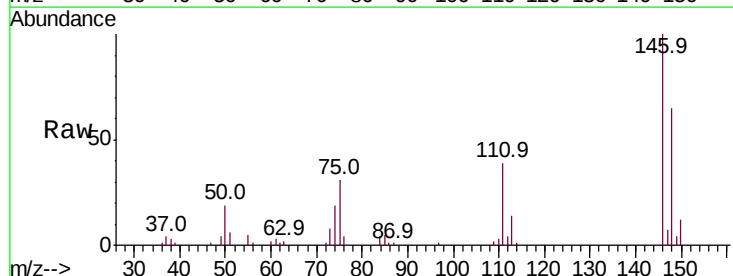
RT: 7.89 min Scan# 817

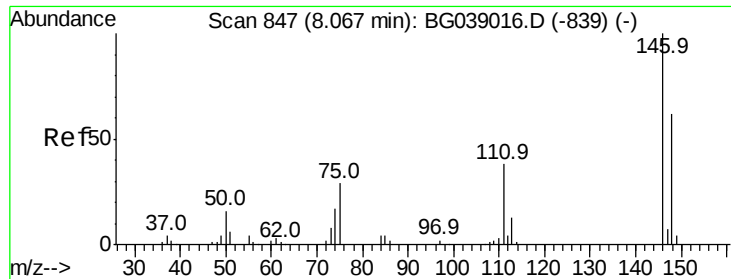
Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Tgt Ion:	146	Resp:	32525
Ion	Ratio	Lower	Upper
146	100		
148	65.4	49.1	73.7
75	30.6	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 33.649 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Instrument :

BNA_G

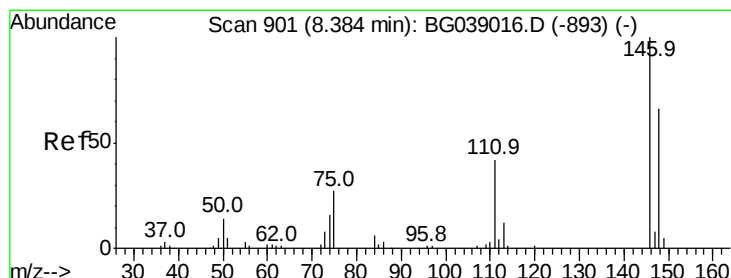
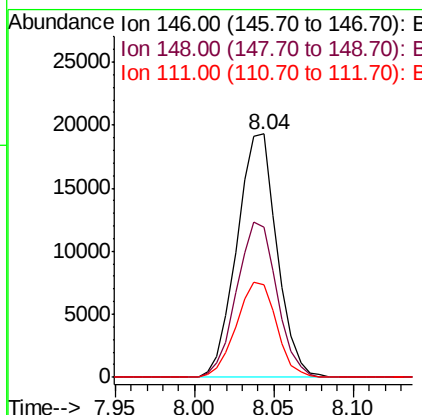
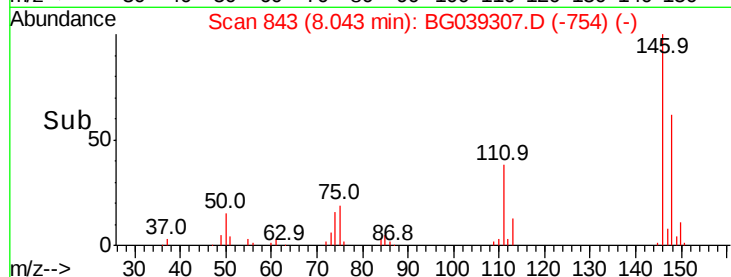
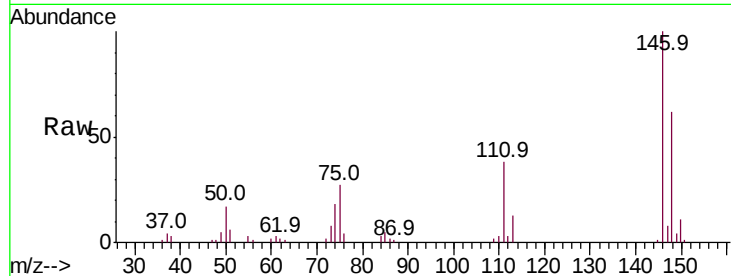
ClientSampleID :

PB116618BS

Tot Ion:	146	Resp:	33775
Ion Ratio	Lower	Upper	
146	100		
148	61.7	49.8	74.6
111	38.1	30.6	45.8

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#14

1,2-Dichlorobenzene

Concen: 34.253 ng

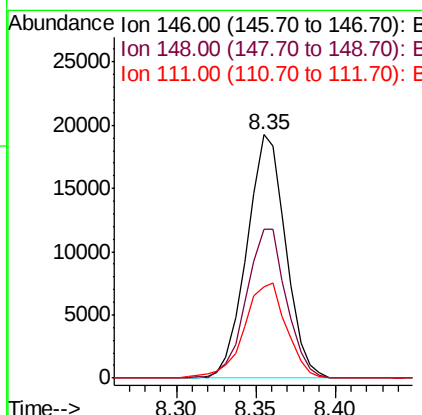
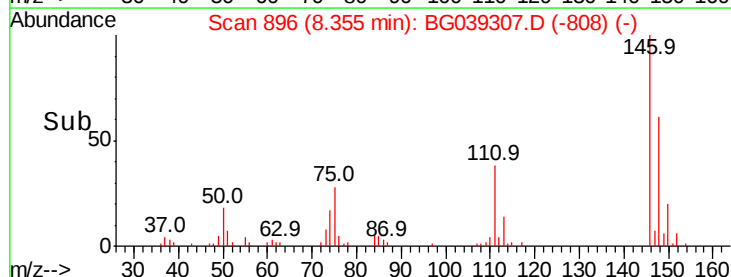
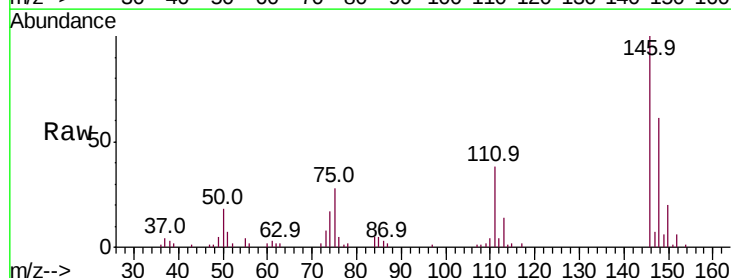
RT: 8.35 min Scan# 896

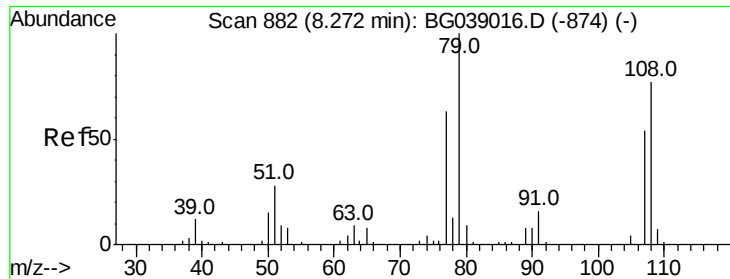
Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Tgt Ion:	146	Resp:	32782
Ion Ratio	Lower	Upper	
146	100		
148	61.2	52.6	79.0
111	37.7	34.6	51.8





#15

Benzyl Alcohol

Concen: 37.374 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Instrument :

BNA_G

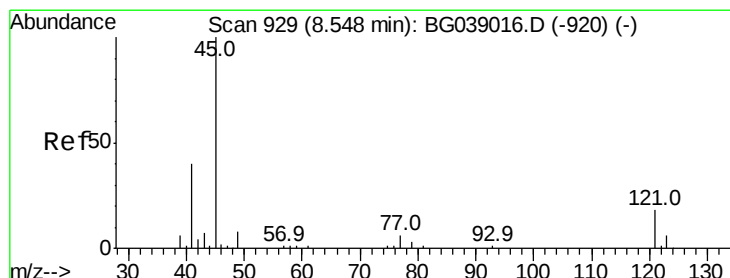
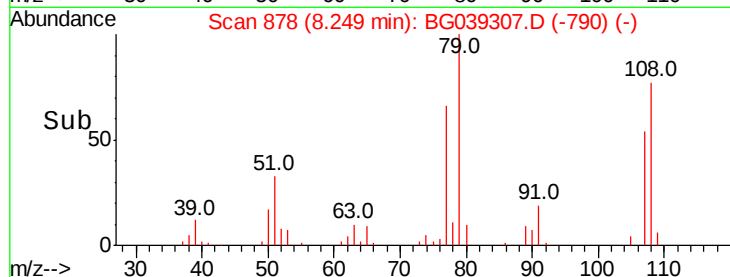
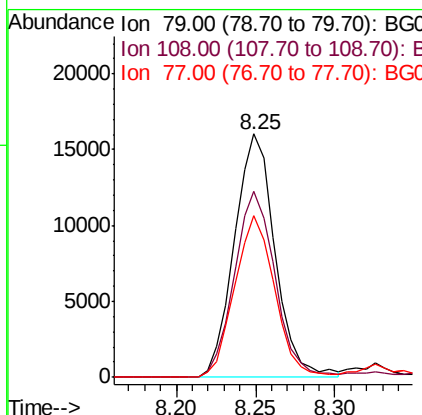
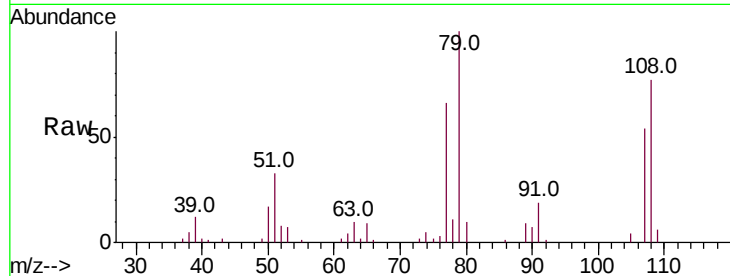
ClientSampleId :

PB116618BS

Tot Ion:	79	Resp:	28424
Ion Ratio	Lower	Upper	
79	100		
108	76.5	62.0	93.0
77	66.2	50.1	75.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.094 ng

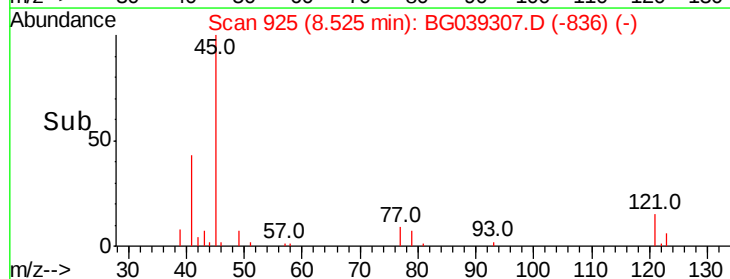
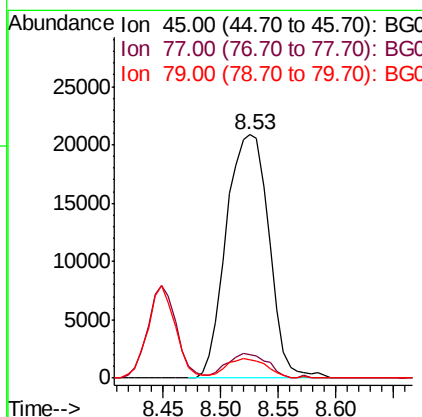
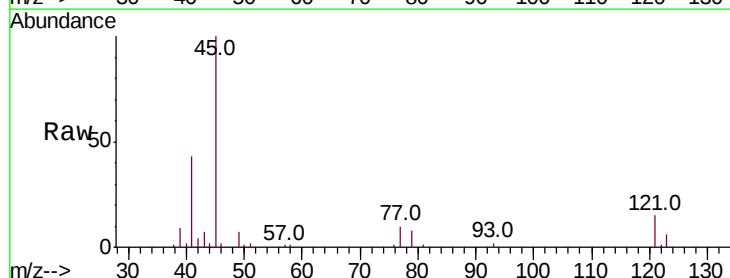
RT: 8.53 min Scan# 925

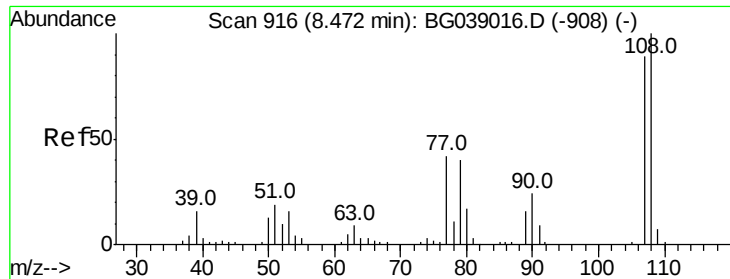
Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Tgt Ion:	45	Resp:	53559
Ion Ratio	Lower	Upper	
45	100		
77	9.8	0.0	30.7
79	7.7	0.0	28.5





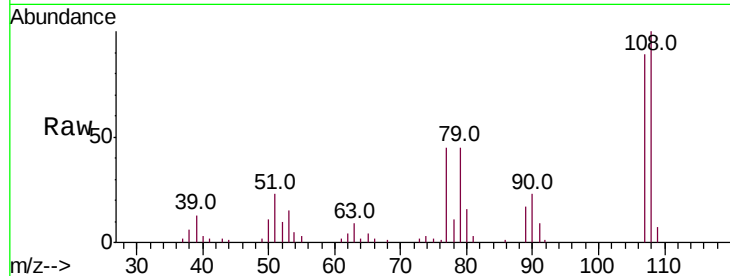
#17
2-Methylphenol
Concen: 38.867 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Instrument :
BNA_G
ClientSampleID :
PB116618BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.3	135.5
77	50.6	38.3	57.5
79	50.6	35.8	53.6

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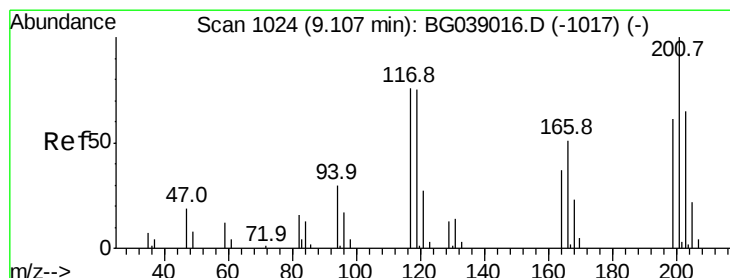
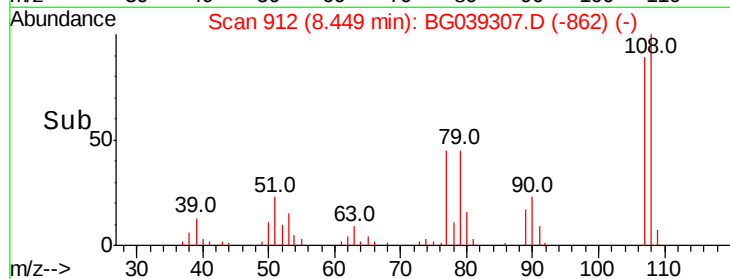
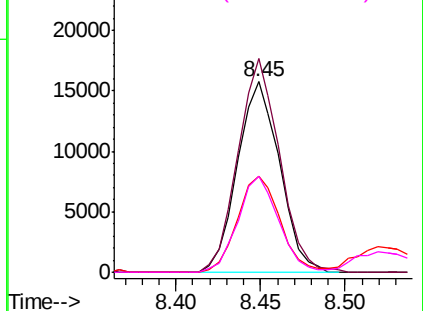
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 35.058 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

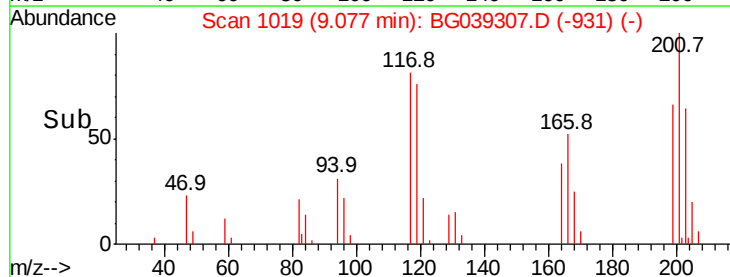
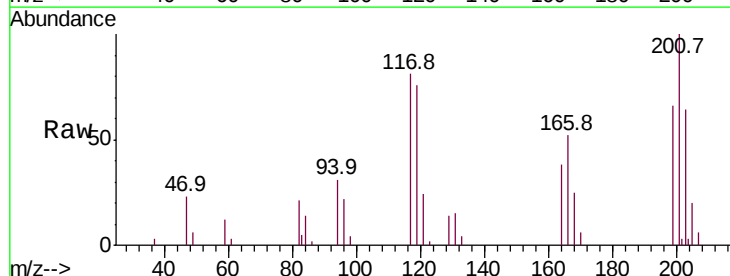
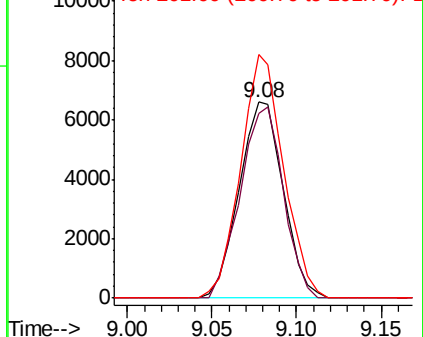
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	78.7	118.1
201	127.7	108.1	162.1

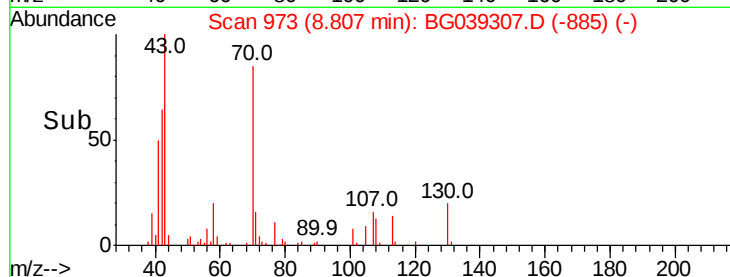
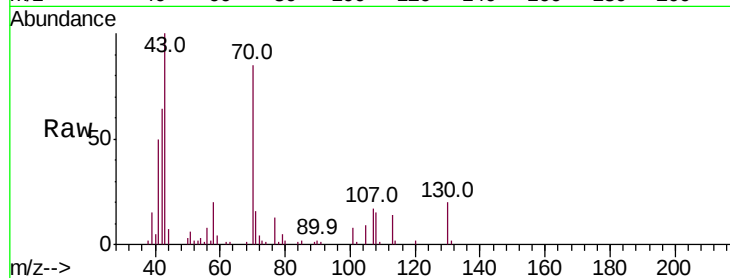
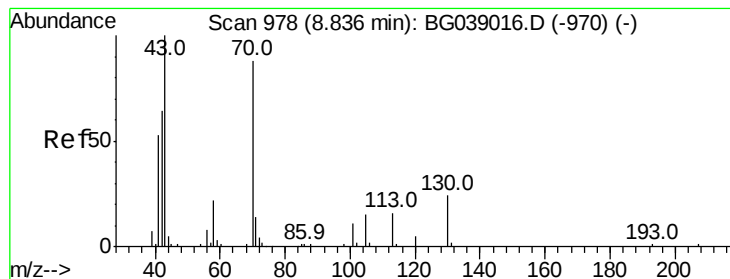
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 32.751 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Instrument :

BNA_G

ClientSampleId :

PB116618BS

Tot Ion: 70 Resp: 21720

Ion Ratio Lower Upper

70 100

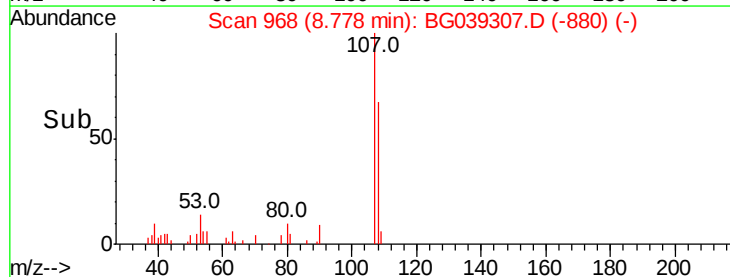
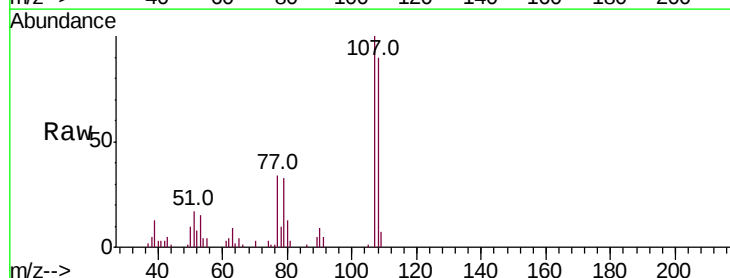
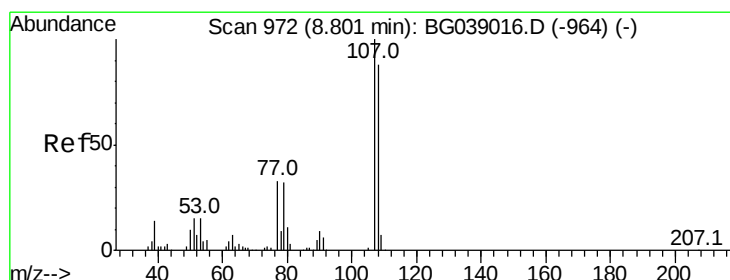
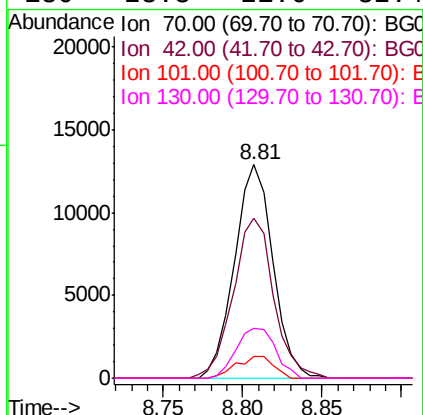
42 75.1 59.0 88.4

101 9.9 10.4 15.6

130 23.3 21.6 32.4

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#20

3+4-Methylphenols

Concen: 37.226 ng

RT: 8.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Tgt Ion: 107 Resp: 37315

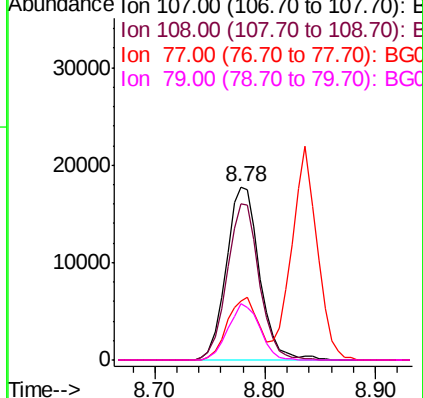
Ion Ratio Lower Upper

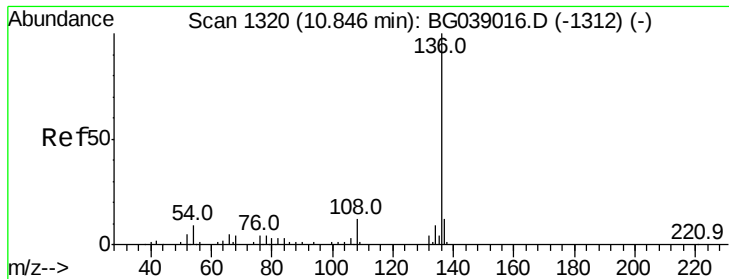
107 100

108 90.1 68.4 108.4

77 34.4 13.3 53.3

79 32.5 11.6 51.6





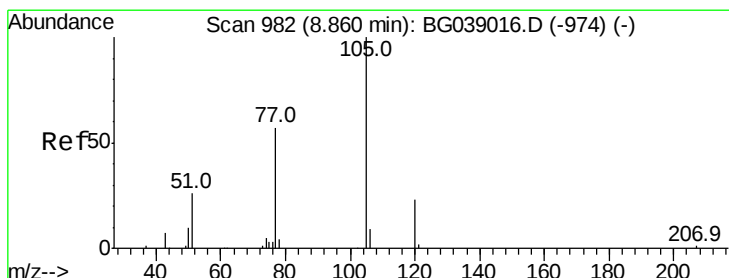
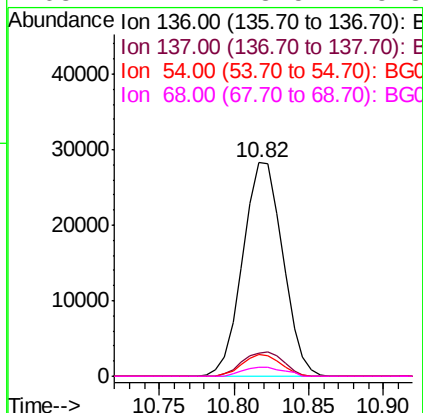
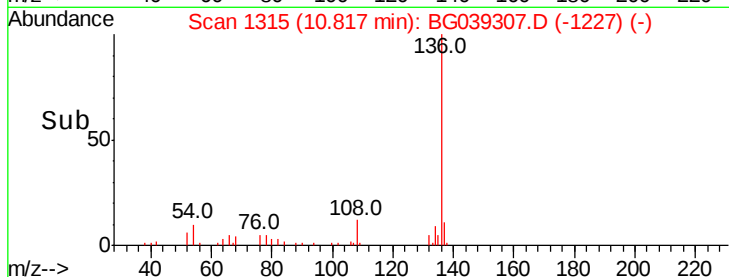
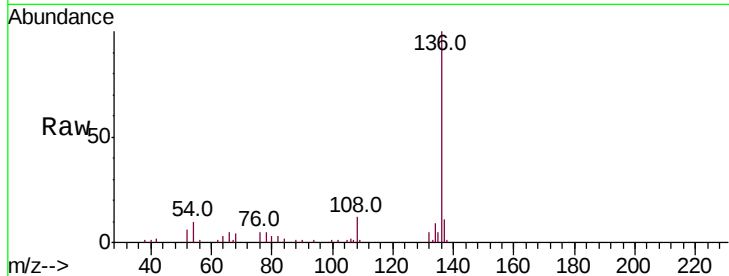
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Instrument :
BNA_G
ClientSampleId :
PB116618BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	52646		
137	10.8		9.4	14.2
54	10.3		7.2	10.8
68	4.1		3.5	5.3

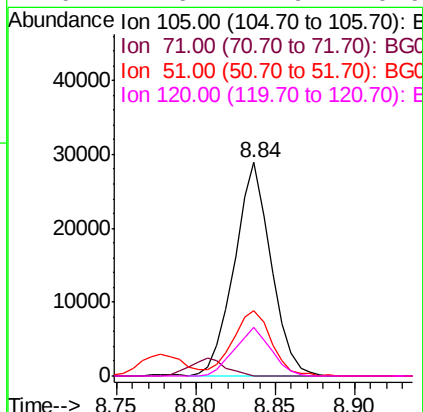
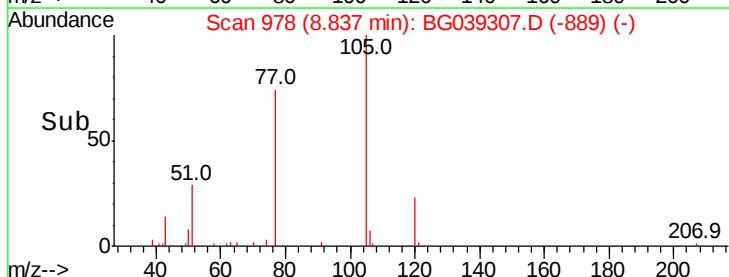
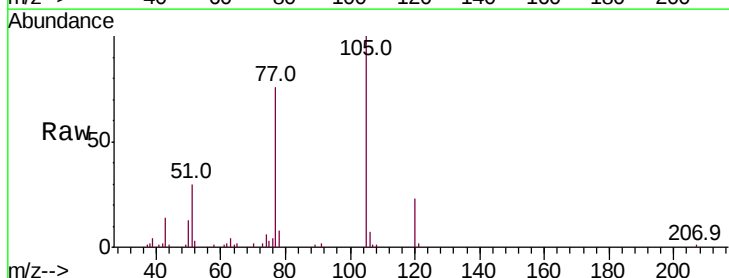
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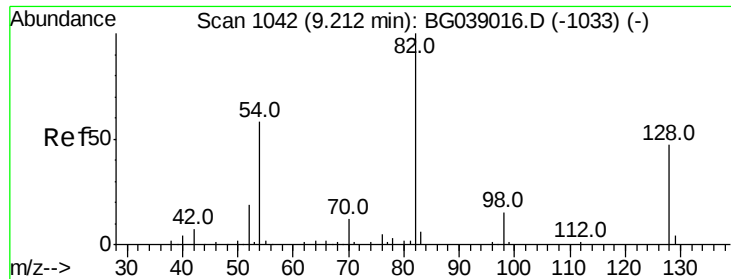
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#22
Acetophenone
Concen: 33.742 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	46391		
71	0.0		0.6	1.0#
51	30.4		26.6	39.8
120	22.6		17.9	26.9





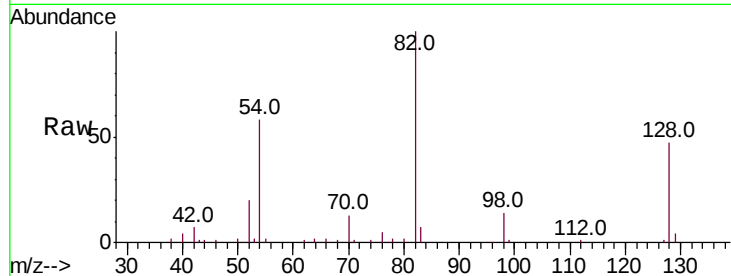
#23
Nitrobenzene-d5
Concen: 72.617 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Instrument :
BNA_G
ClientSampleID :
PB116618BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.3	55.9
54	58.2	46.4	69.6

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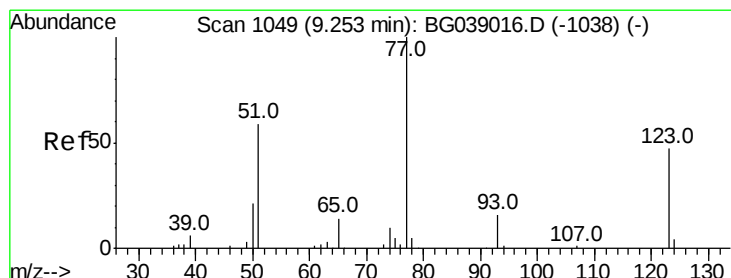
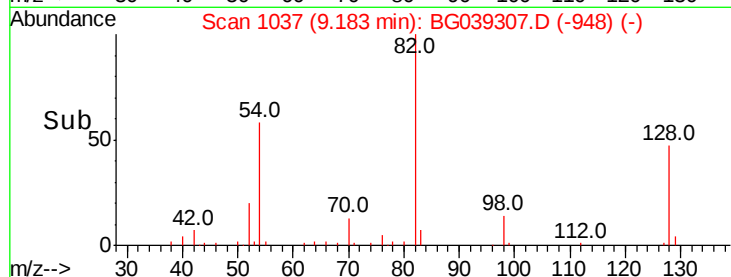
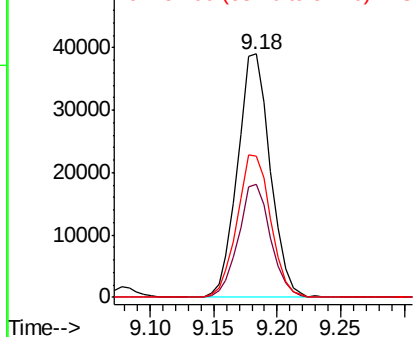


Abundance

Ion 82.00 (81.70 to 82.70): BGC

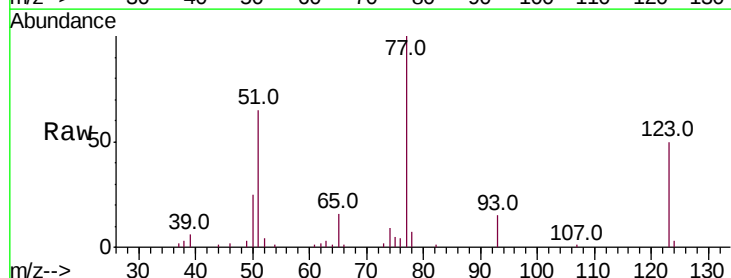
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 34.980 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.4	37.6	56.4
65	15.6	11.0	16.6

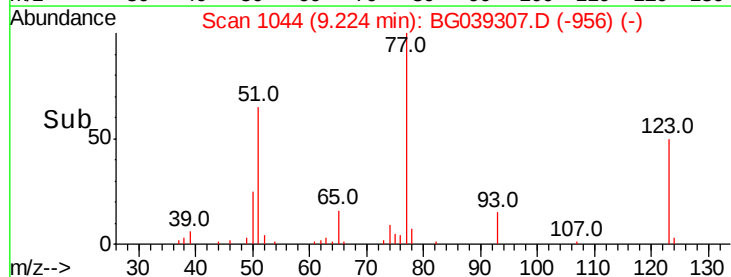
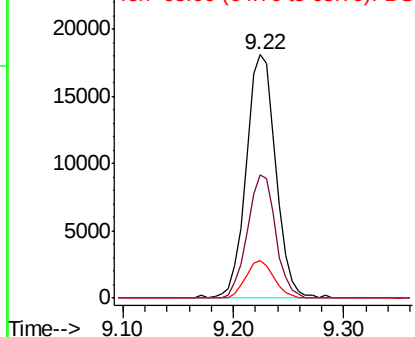


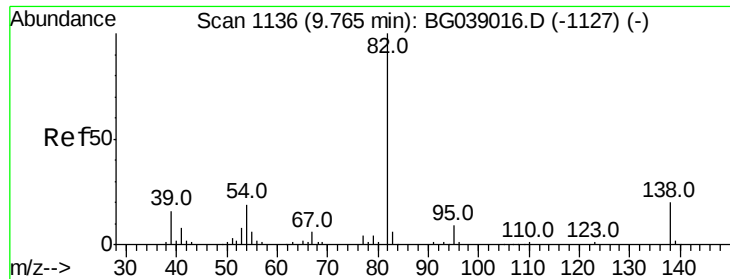
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 39.397 ng

RT: 9.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Instrument :

BNA_G

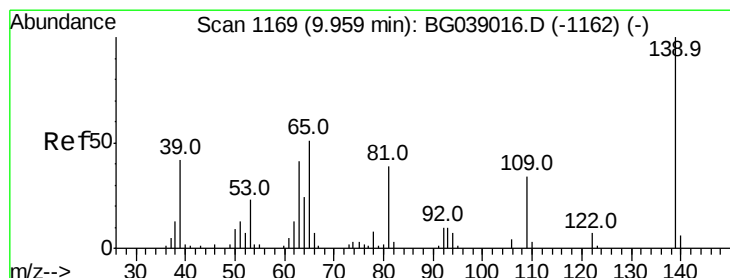
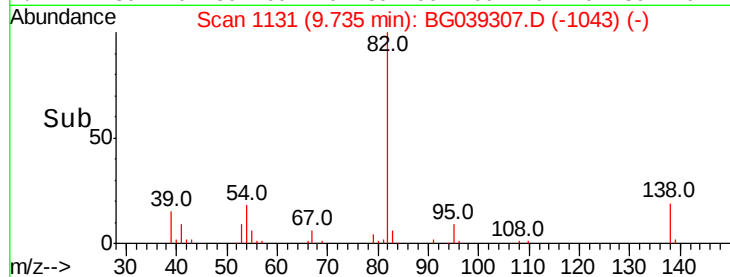
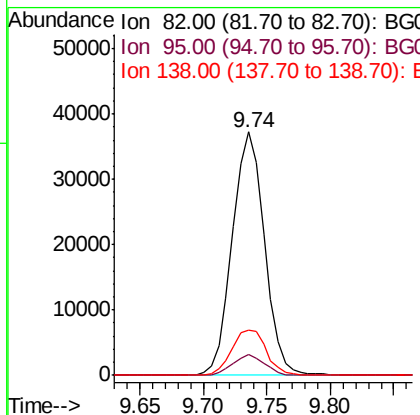
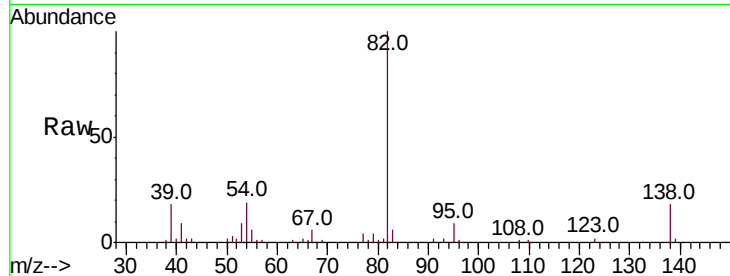
ClientSampleId :

PB116618BS

Tot Ion:	82	Resp:	65292
Ion Ratio	Lower	Upper	
82	100		
95	8.7	7.0	10.6
138	18.4	16.2	24.4

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#26

2-Nitrophenol

Concen: 34.737 ng

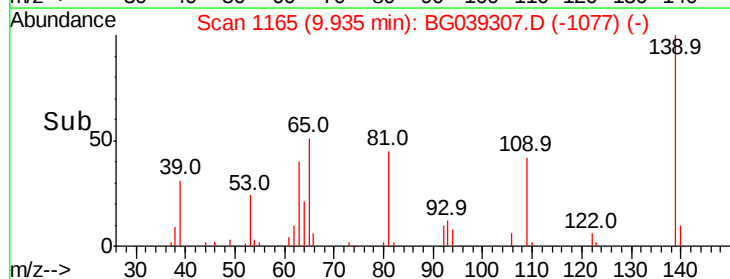
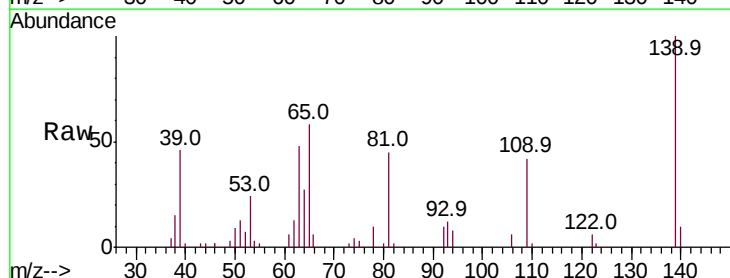
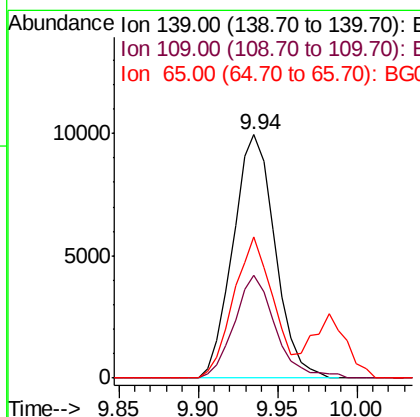
RT: 9.94 min Scan# 1165

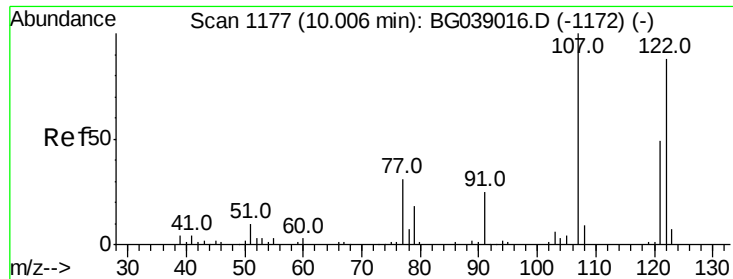
Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Tgt Ion:	139	Resp:	18272
Ion Ratio	Lower	Upper	
139	100		
109	42.5	27.3	40.9#
65	58.2	40.6	61.0





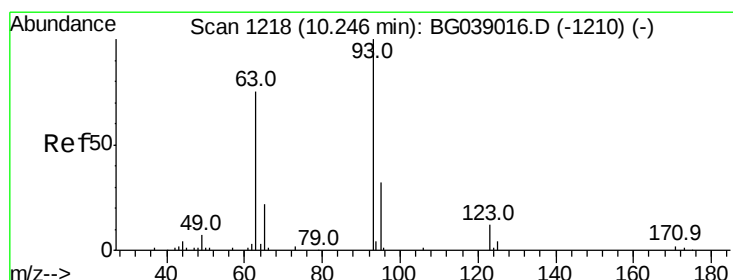
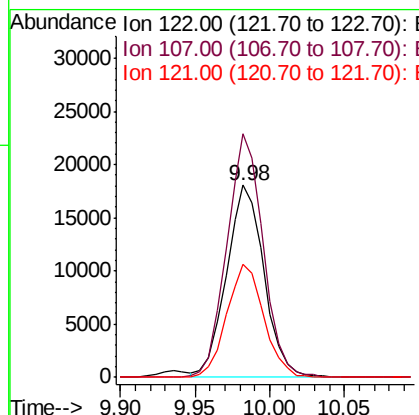
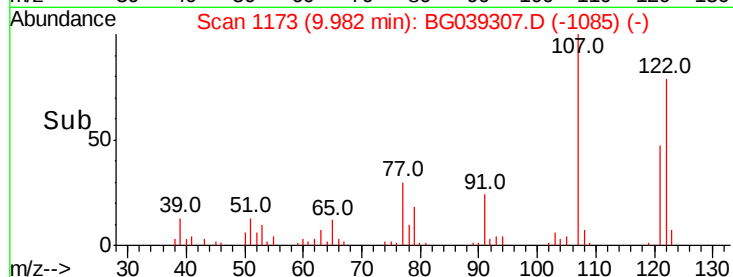
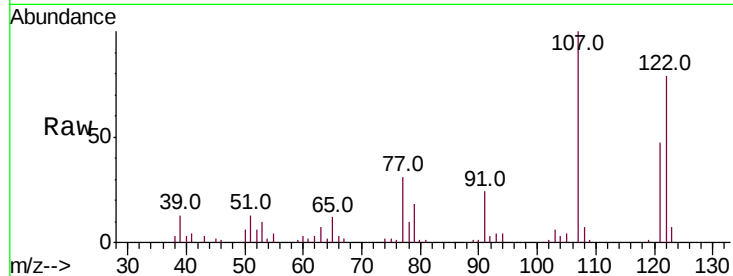
#27
 2,4-Dimethylphenol
 Concen: 42.906 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.6	88.8	133.2
121	59.0	43.1	64.7

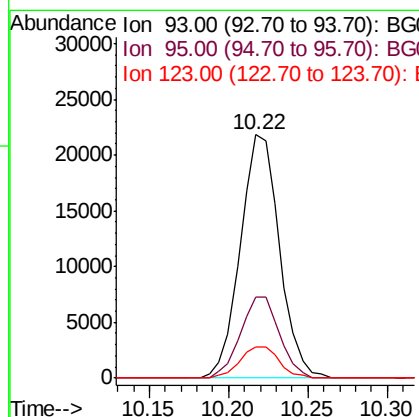
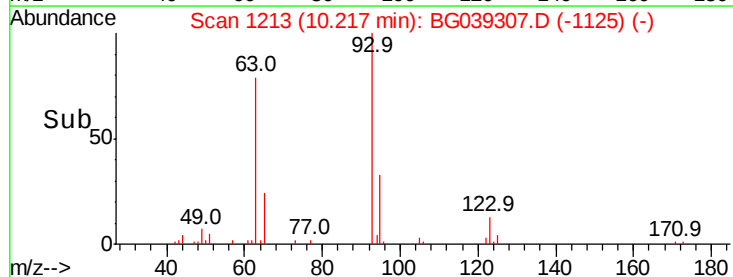
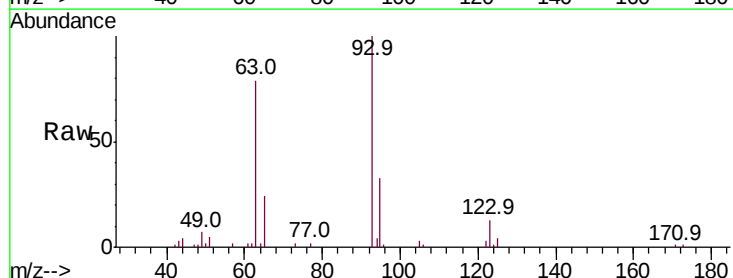
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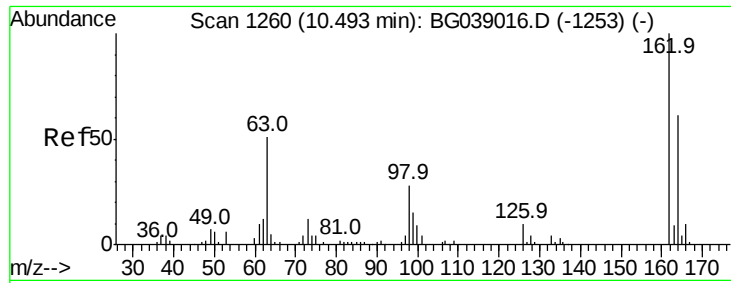
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.474 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.6	38.4
123	12.8	10.1	15.1





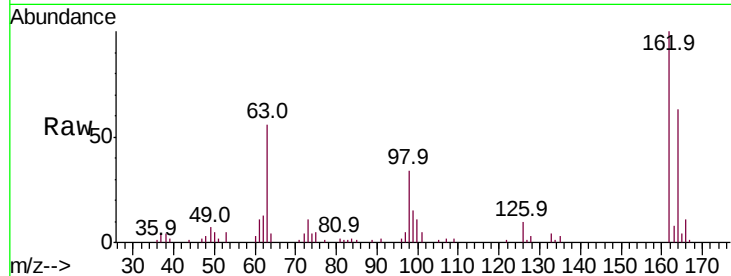
#29
2,4-Dichlorophenol
Concen: 39.591 ng
RT: 10.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Instrument :
BNA_G
ClientSampleID :
PB116618BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.9	41.3	81.3
98	33.5	8.3	48.3

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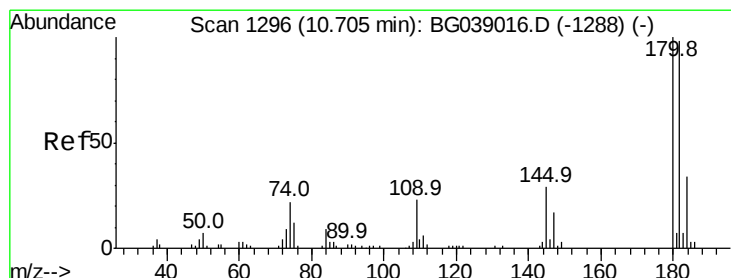
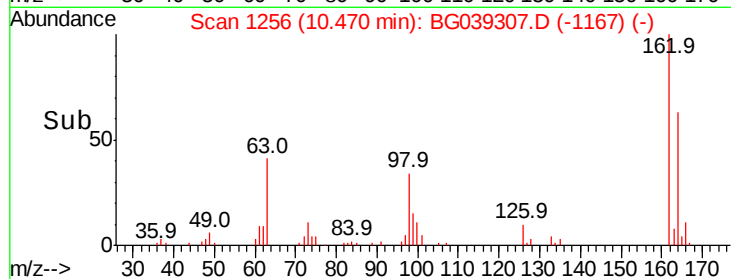
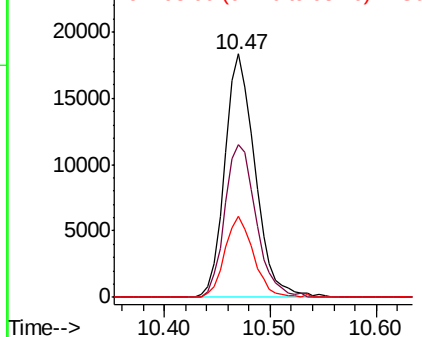


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 34.937 ng
RT: 10.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

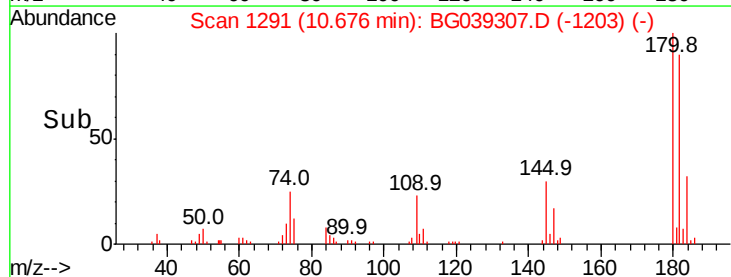
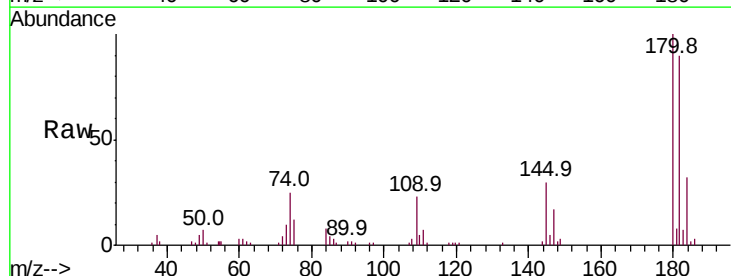
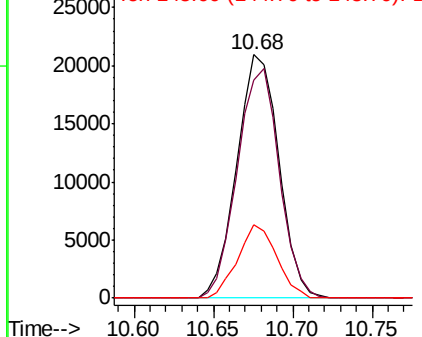
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	89.8	78.1	117.1
145	30.2	23.1	34.7

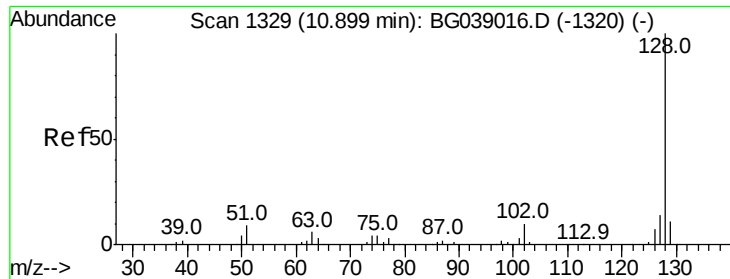
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





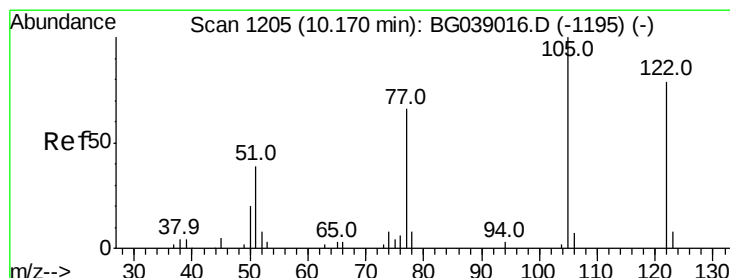
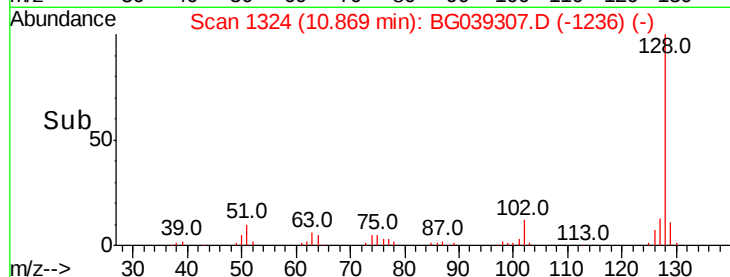
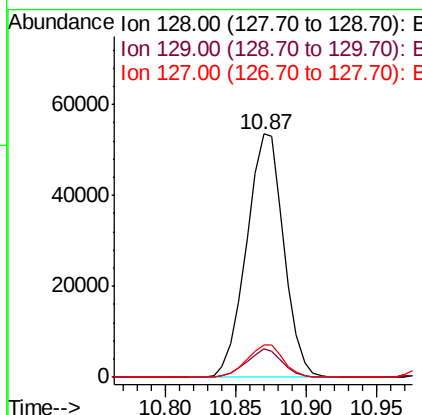
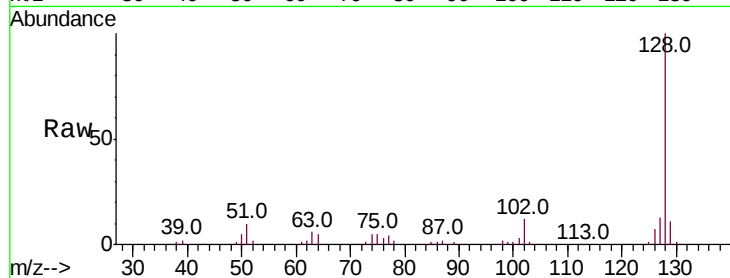
#31
Naphthalene
Concen: 37.578 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Instrument :
BNA_G
ClientSampleId :
PB116618BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.2	11.2	16.8

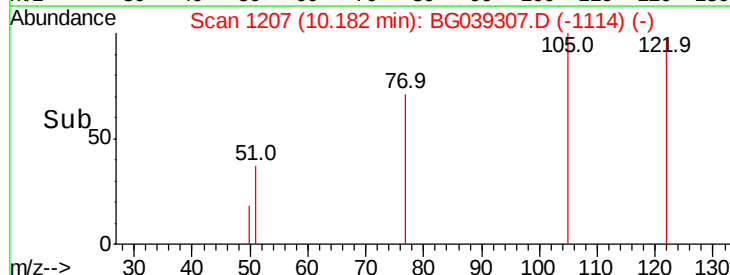
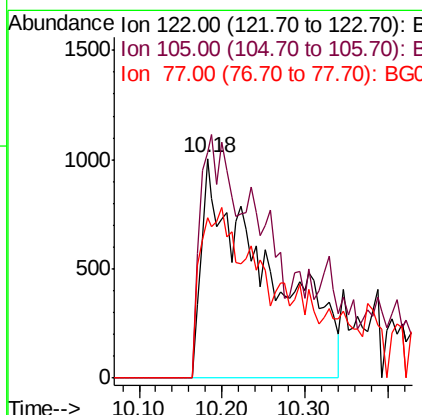
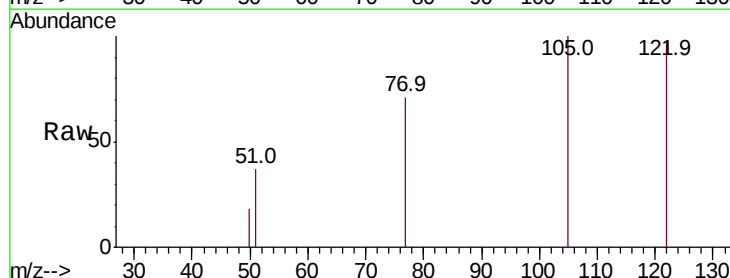
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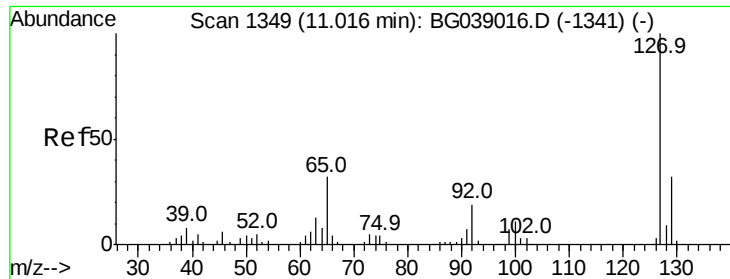
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#32
Benzoic acid
Concen: 19.081 ng m
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	103.0	106.4	146.4#
77	73.0	63.6	103.6





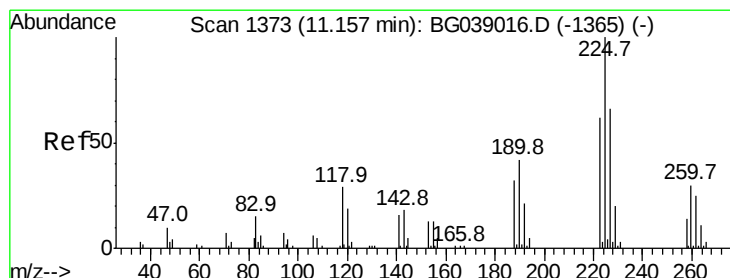
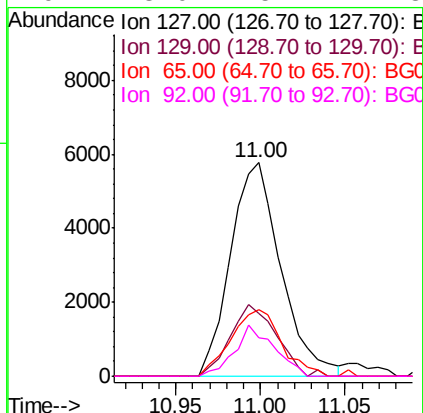
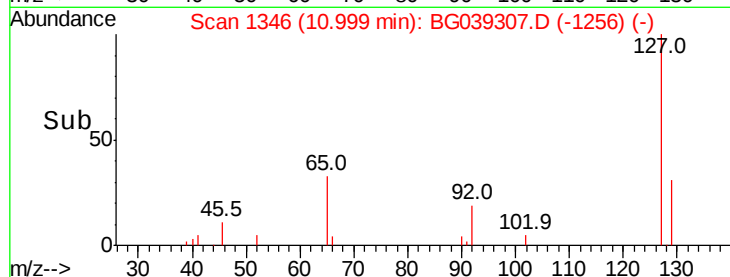
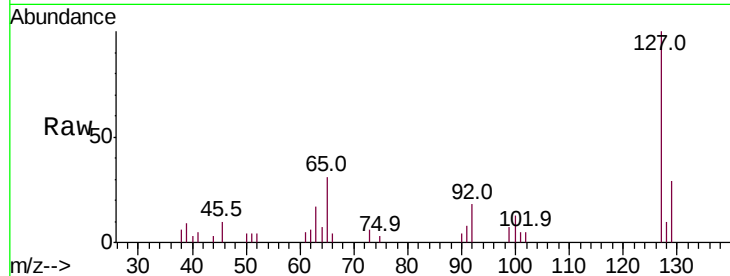
#33
4-Chloroaniline
Concen: 10.147 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Instrument :
BNA_G
ClientSampleId :
PB116618BS

Tot Ion:	127	Resp:	11989
Ion Ratio	Lower	Upper	
127	100		
129	29.4	25.4	38.0
65	31.4	25.4	38.0
92	18.0	15.2	22.8

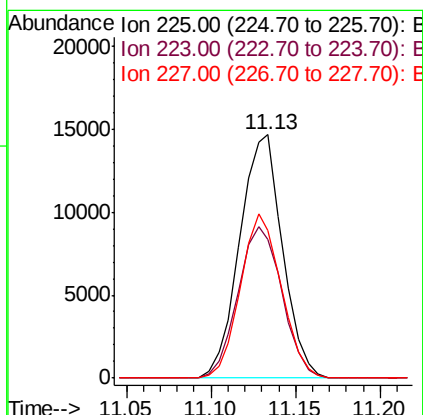
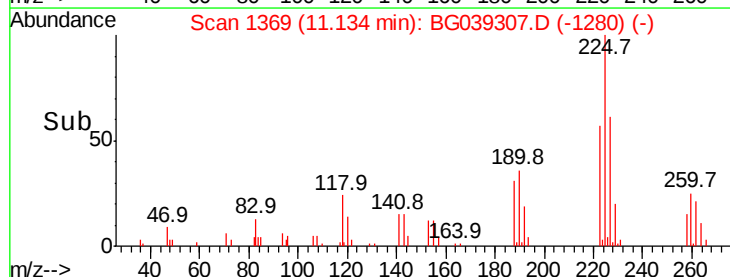
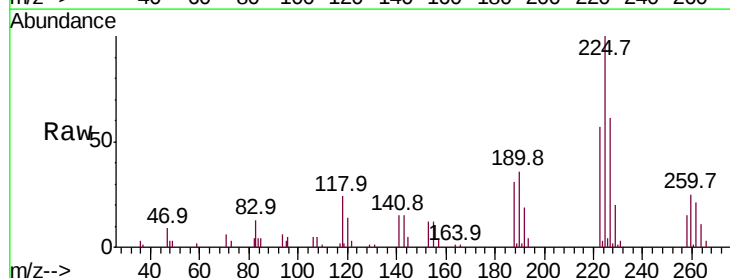
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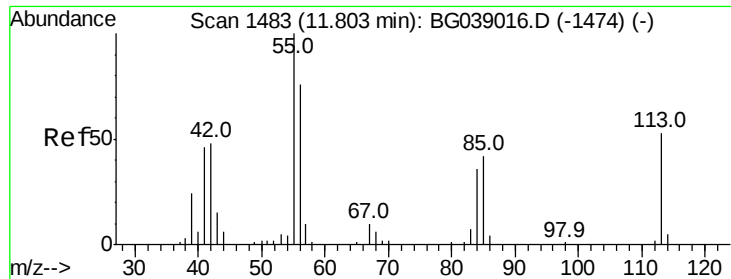
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#34
Hexachlorobutadiene
Concen: 33.848 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Tgt Ion:	225	Resp:	25727
Ion Ratio	Lower	Upper	
225	100		
223	58.3	50.2	75.4
227	60.5	53.2	79.8





#35

Caprolactam

Concen: 34.333 ng/mL

RT: 11.77 min Scan# 1477

Delta R.T. -0.02 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Instrument :

BNA_G

ClientSampleID :

PB116618BS

Tot Ion:113 Resp: 12657

Ion Ratio Lower Upper

113 100

55 203.9 168.6 208.6

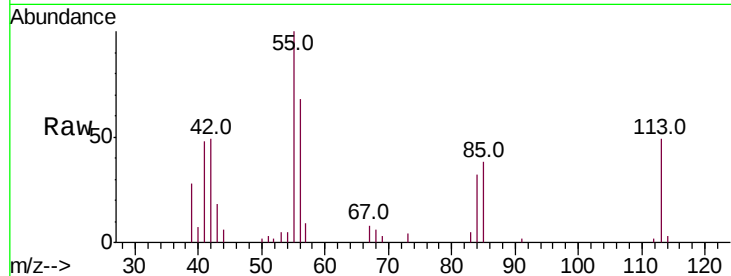
56 137.7 123.2 163.2

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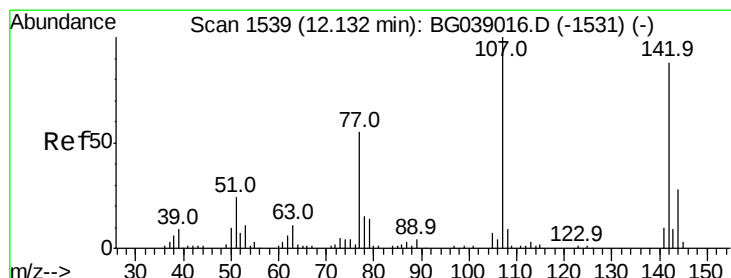
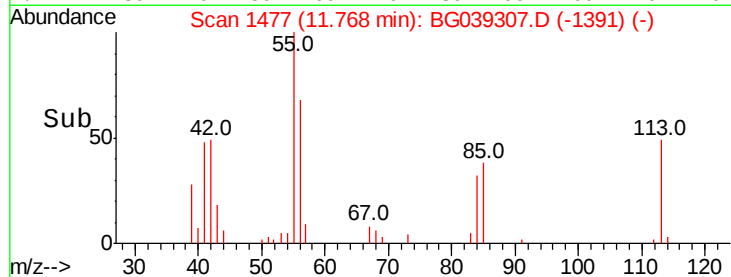
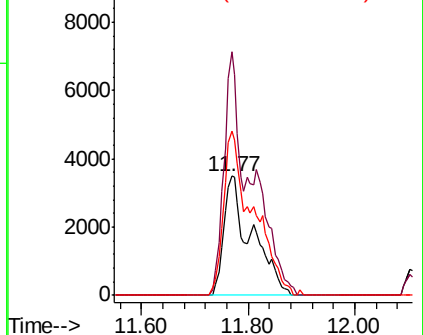
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.432 ng/mL

RT: 12.11 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

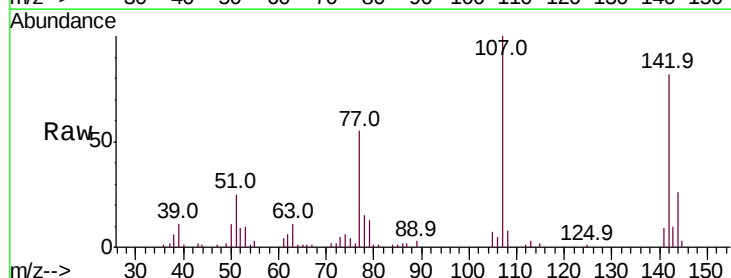
Tgt Ion:107 Resp: 39757

Ion Ratio Lower Upper

107 100

144 26.5 22.6 34.0

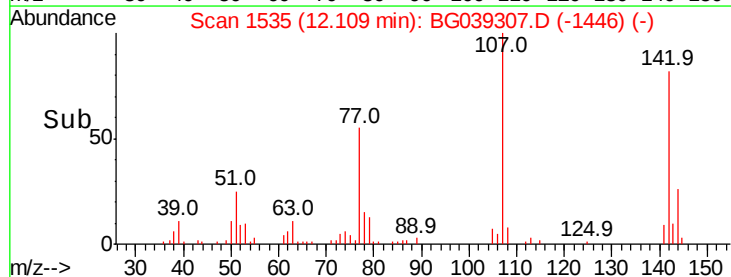
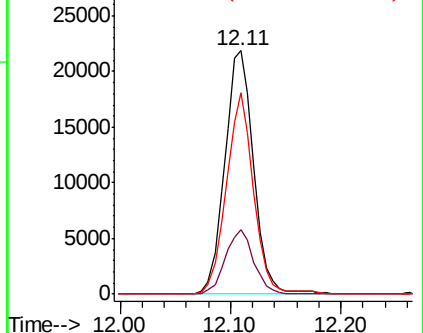
142 82.4 70.2 105.4

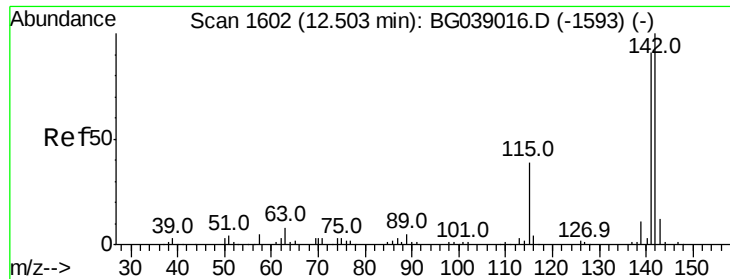


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





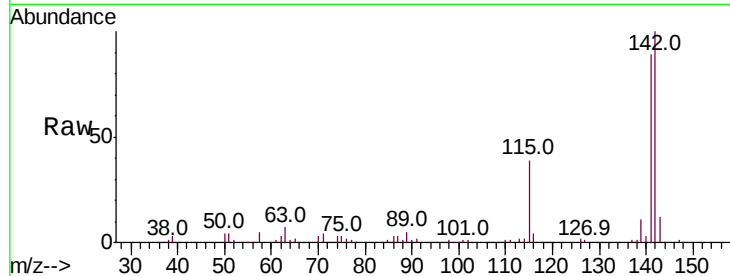
#37
2-Methylnaphthalene
Concen: 39.556 ng
RT: 12.47 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Instrument :
BNA_G
ClientSampleId :
PB116618BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.6	109.0
115	39.0	31.1	46.7

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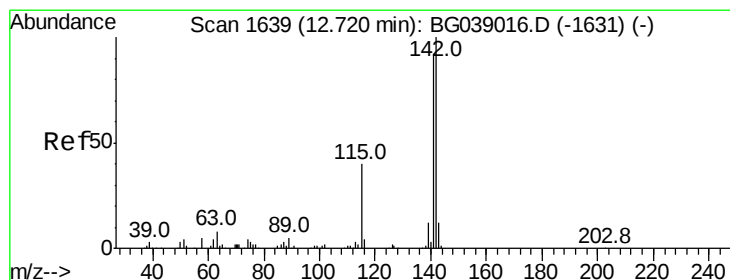
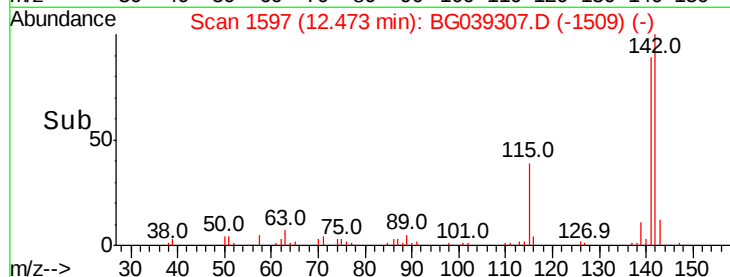
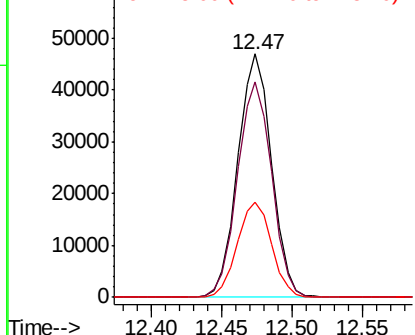


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.290 ng m
RT: 12.69 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

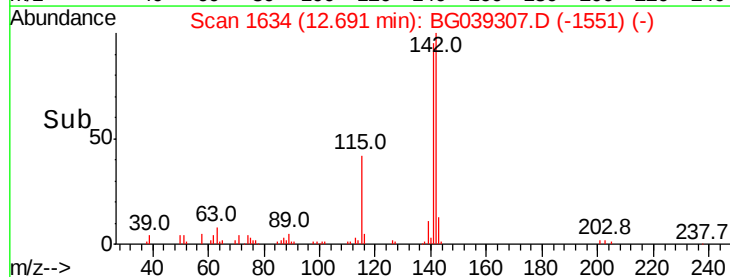
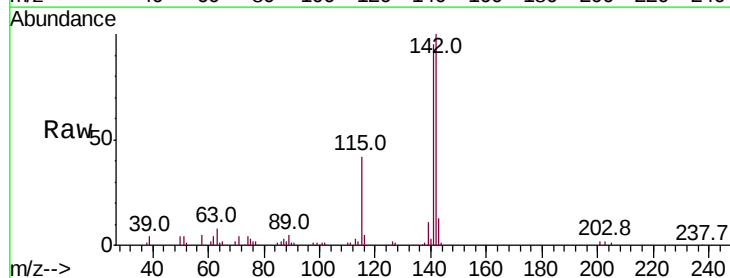
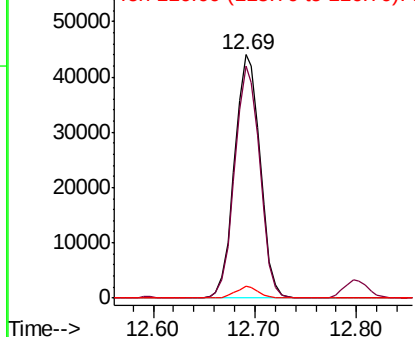
Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	73.3	109.9
116	4.7	3.1	4.7#

Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





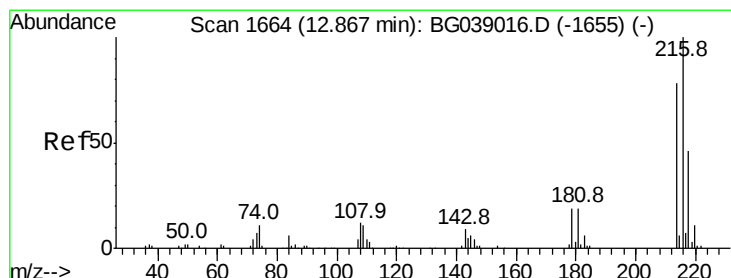
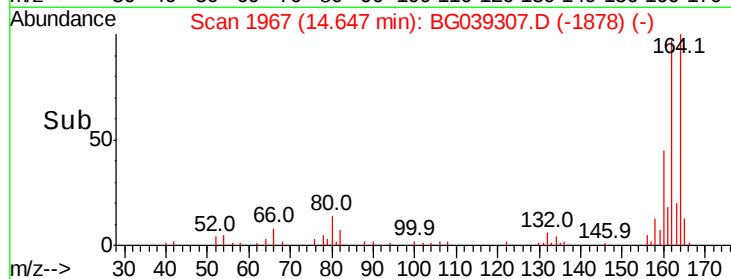
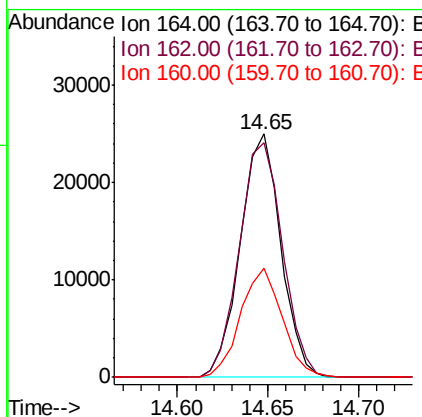
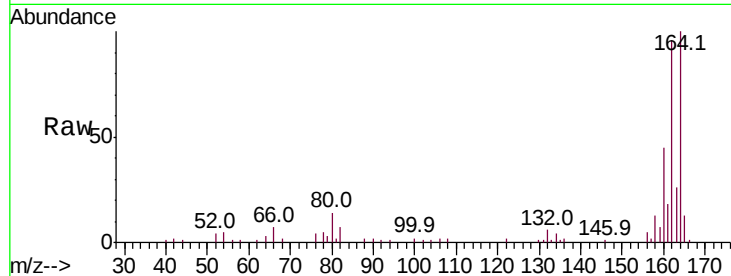
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Instrument :
BNA_G
ClientSampleId :
PB116618BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.4	87.2	130.8
160	45.0	33.3	49.9

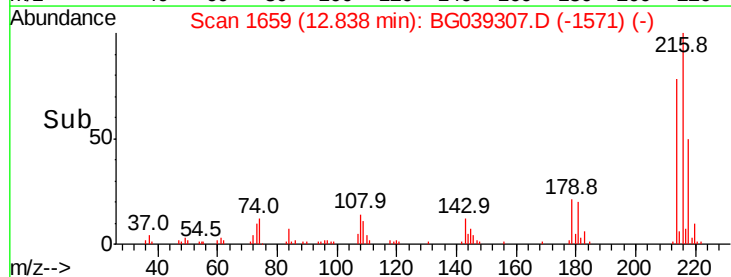
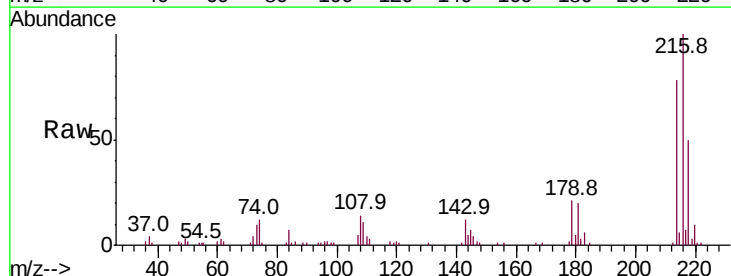
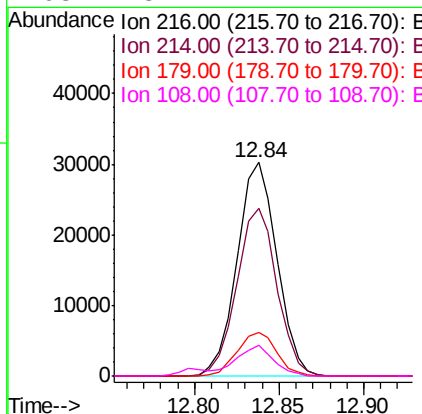
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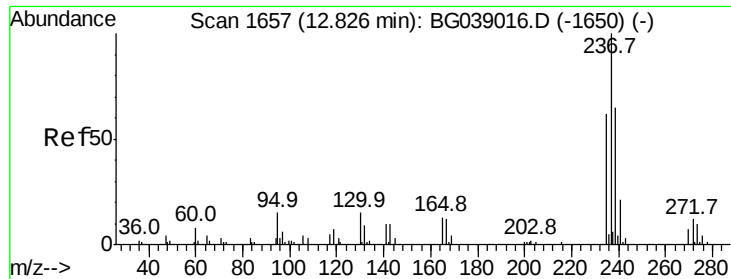
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.963 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.2
179	20.2	15.5	23.3
108	15.7	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 65.038 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Instrument :

BNA_G

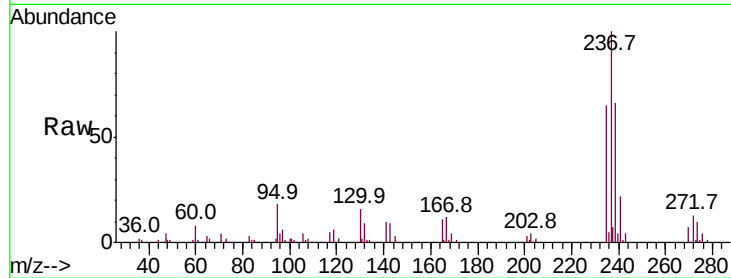
ClientSampleId :

PB116618BS

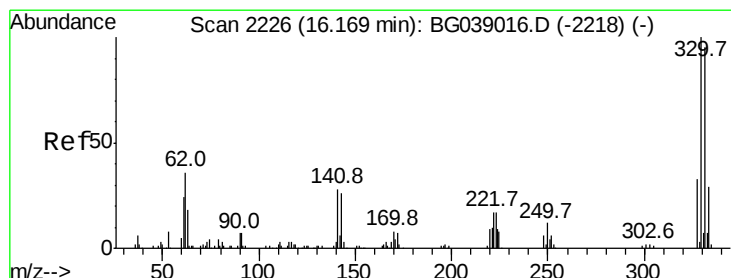
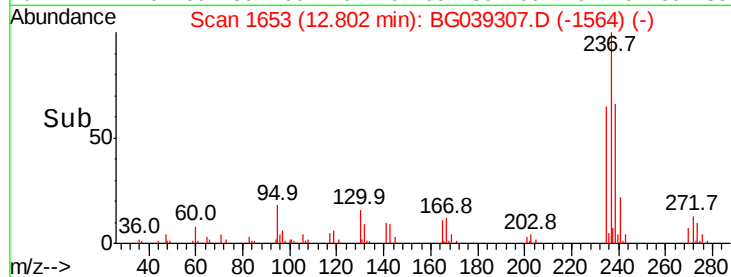
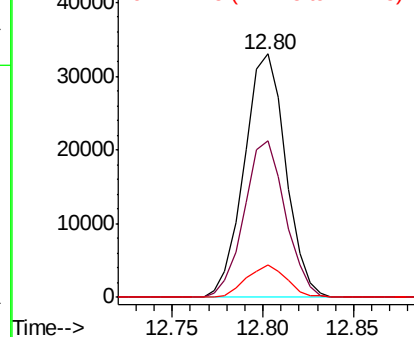
Tot Ion:	237	Resp:	52510
Ion Ratio	Lower	Upper	
237	100		
235	64.6	41.7	81.7
272	13.5	0.0	32.1

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



#42

2,4,6-Tribromophenol

Concen: 70.689 ng

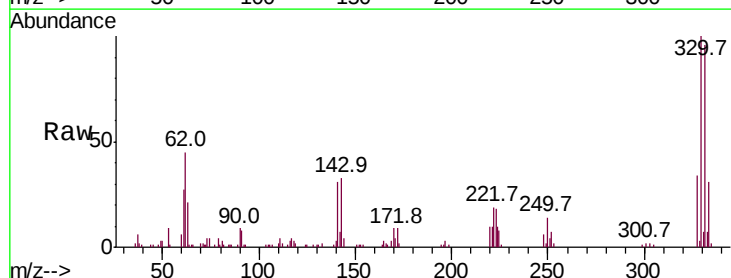
RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

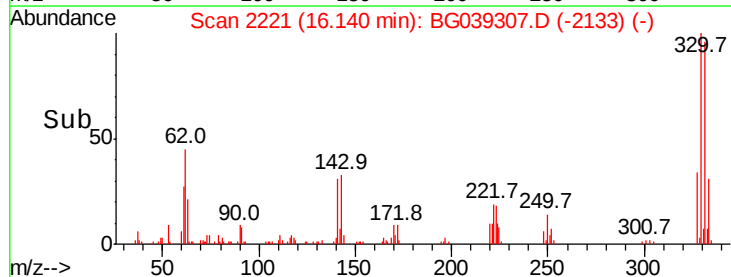
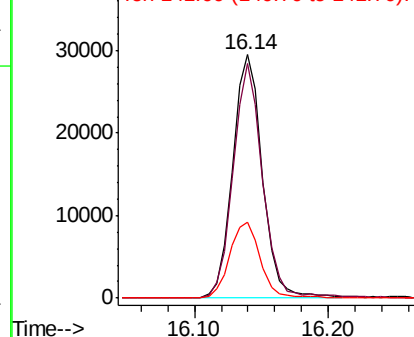
Lab File: BG039307.D

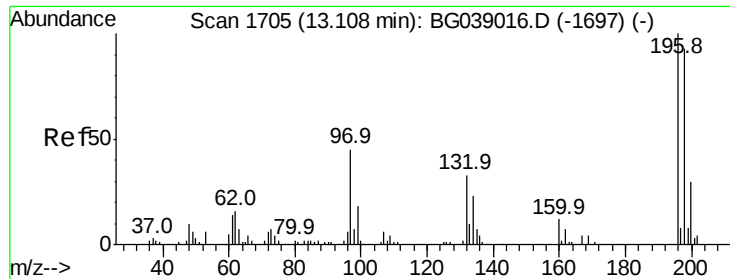
Acq: 26 Jan 2019 11:42

Tgt Ion:	330	Resp:	46048
Ion Ratio	Lower	Upper	
330	100		
332	95.9	75.7	113.5
141	32.1	24.9	37.3



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





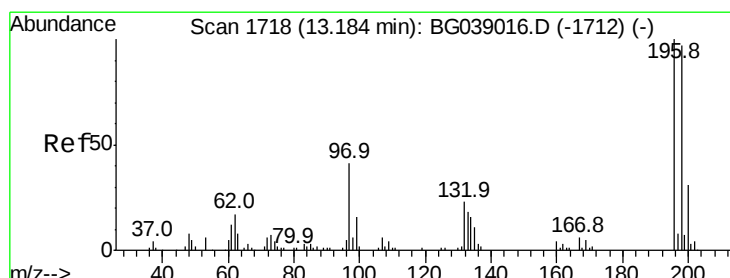
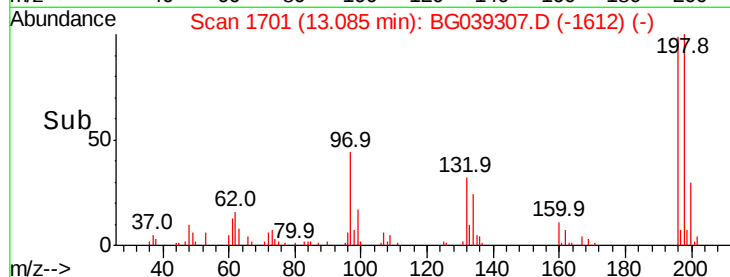
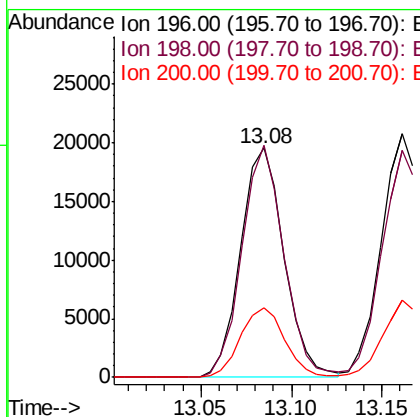
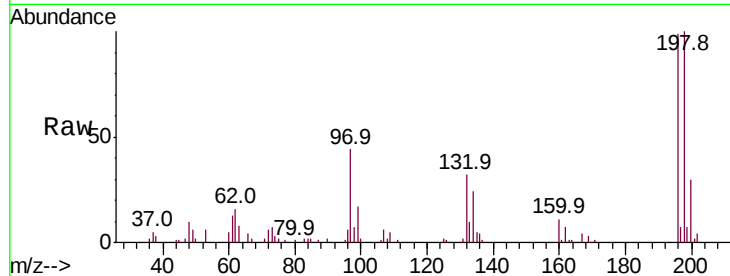
#43
 2,4,6-Trichlorophenol
 Concen: 35.560 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.1	74.5	111.7	
200	30.1	23.8	35.6	

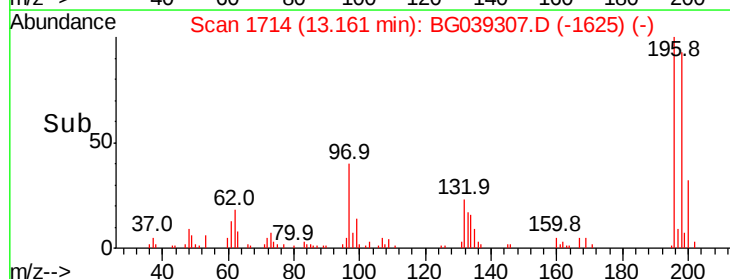
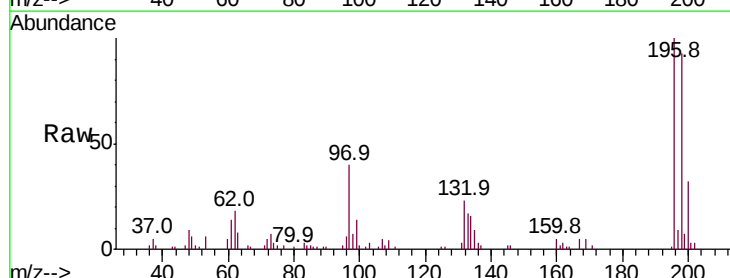
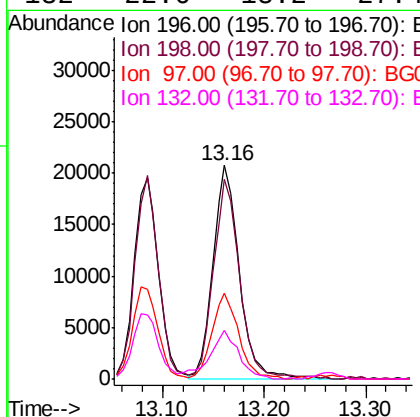
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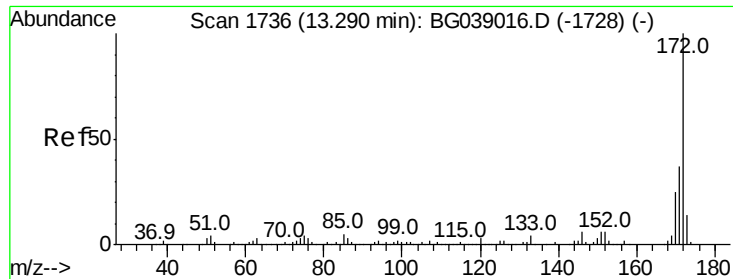
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.578 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.3	78.1	117.1	
97	40.1	33.2	49.8	
132	22.6	18.2	27.4	





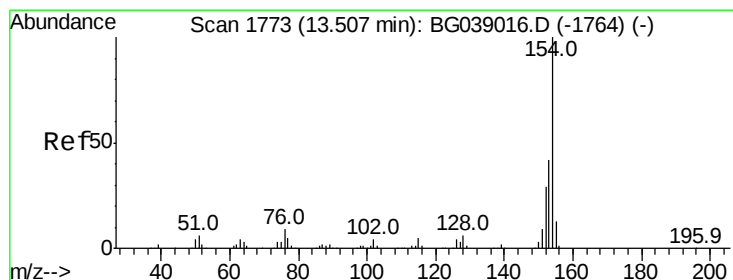
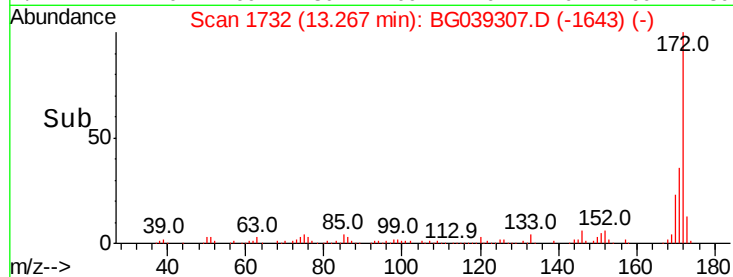
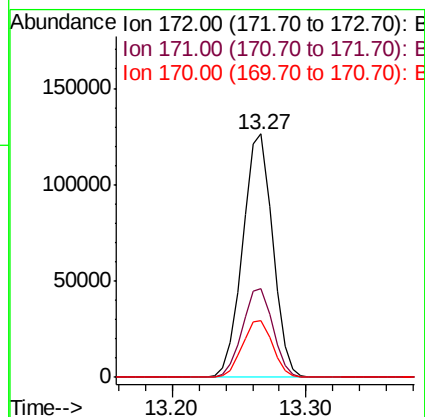
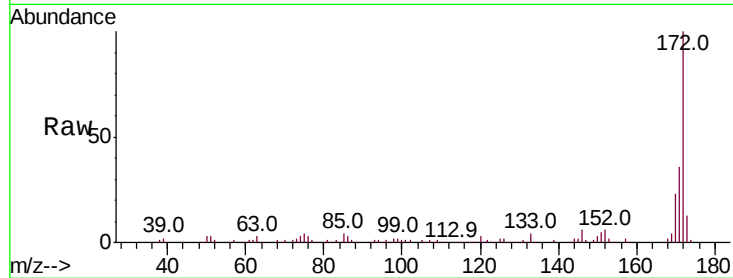
#45
2-Fluorobiphenyl
Concen: 68.992 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Instrument :
BNA_G
ClientSampleId :
PB116618BS

Tot Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.4	29.4	44.0
170	23.4	20.1	30.1

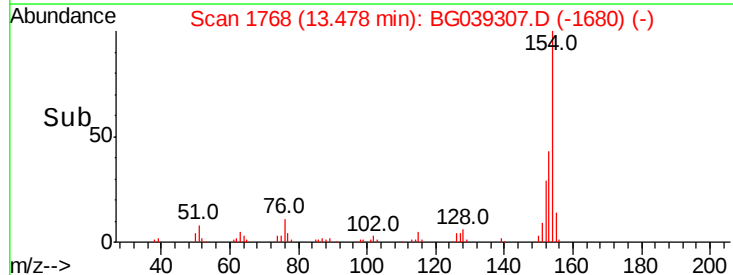
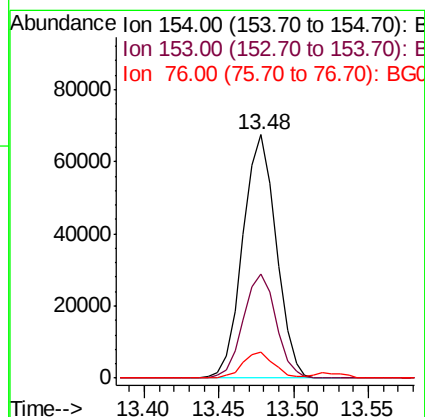
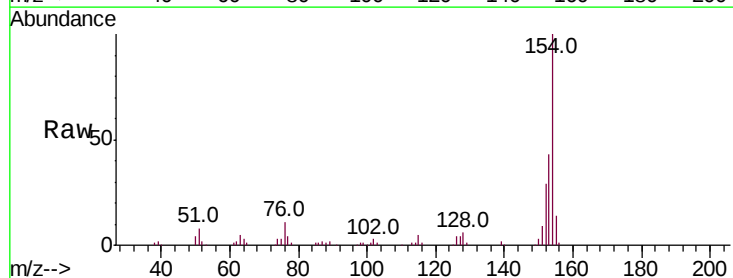
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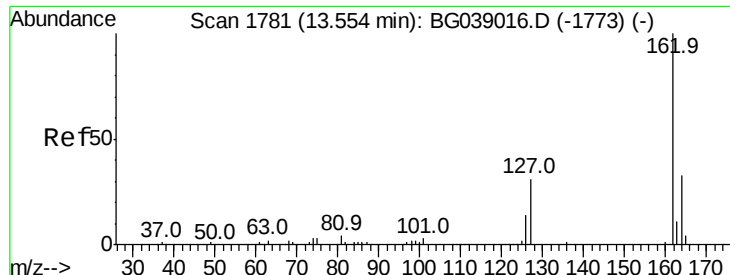
mohammad
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#46
1,1'-Biphenyl
Concen: 33.910 ng
RT: 13.48 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	42.5	22.4	62.4
76	10.6	0.0	29.4





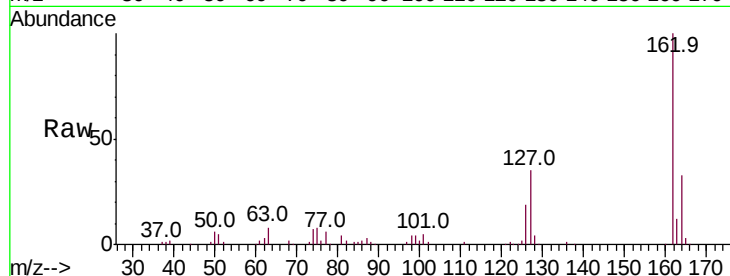
#47
2-Chloronaphthalene
Concen: 34.494 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Instrument :
BNA_G
ClientSampleId :
PB116618BS

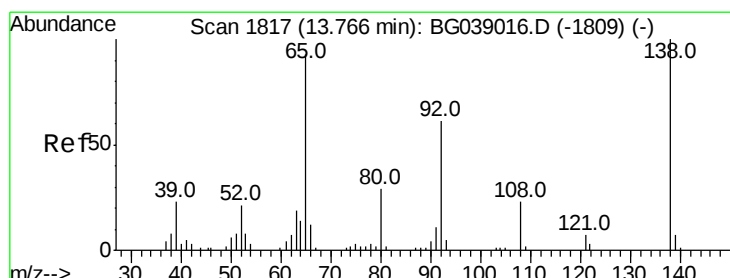
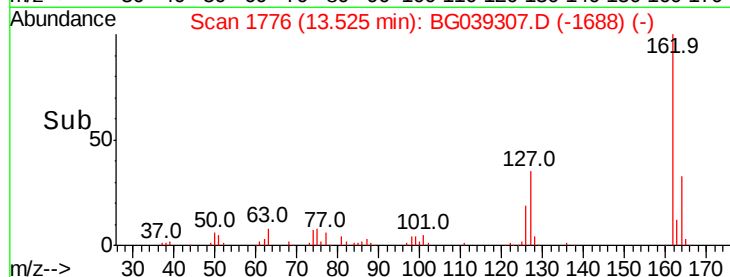
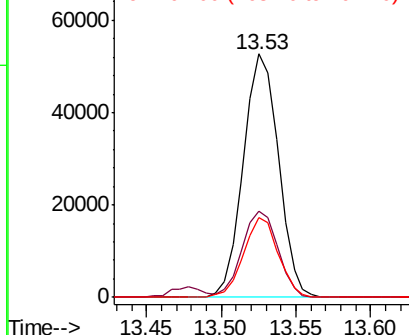
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.1	28.4	42.6
164	32.6	26.3	39.5

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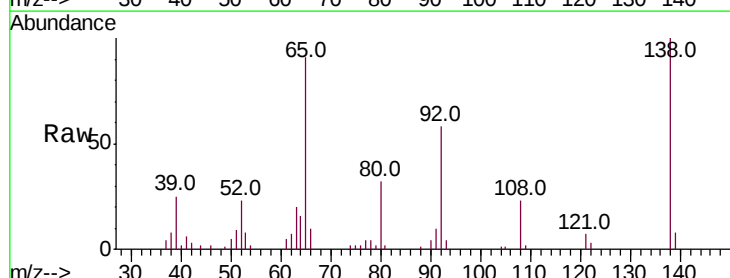


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

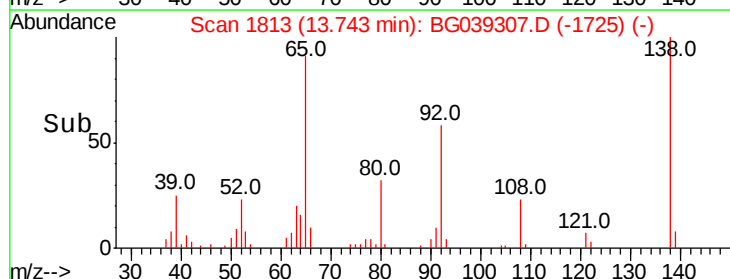
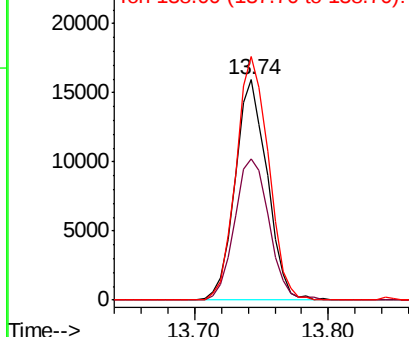


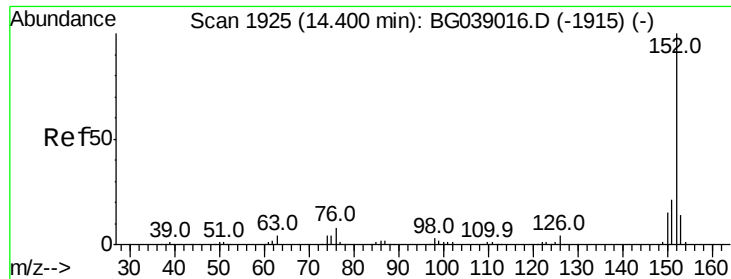
#48
2-Nitroaniline
Concen: 37.962 ng
RT: 13.74 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.2	52.2	78.4
138	110.5	86.0	129.0



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





#49

Acenaphthylene

Concen: 38.226 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Instrument :

BNA_G

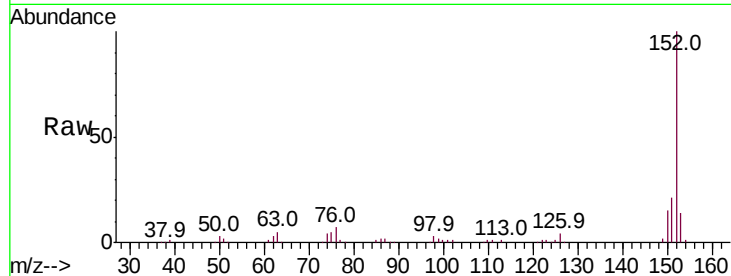
ClientSampleId :

PB116618BS

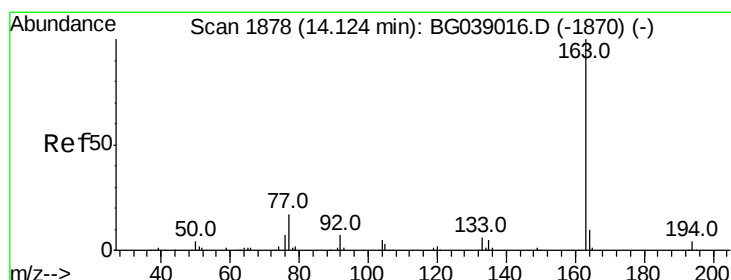
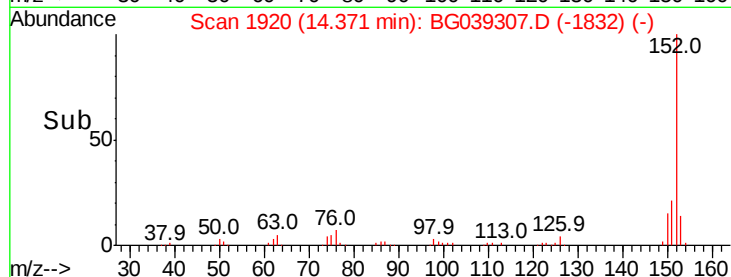
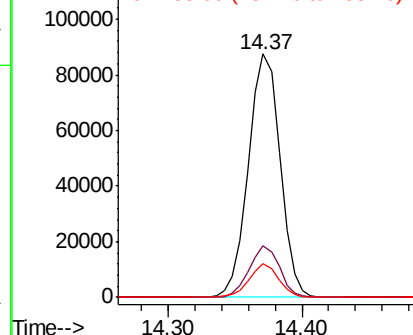
Tot Ion:	152	Resp:	143169
Ion Ratio	Lower	Upper	
152	100		
151	21.0	17.0	25.4
153	13.8	11.2	16.8

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



#50

Dimethylphthalate

Concen: 37.753 ng

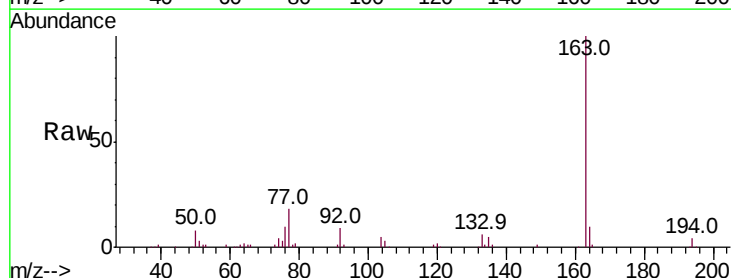
RT: 14.10 min Scan# 1873

Delta R.T. -0.01 min

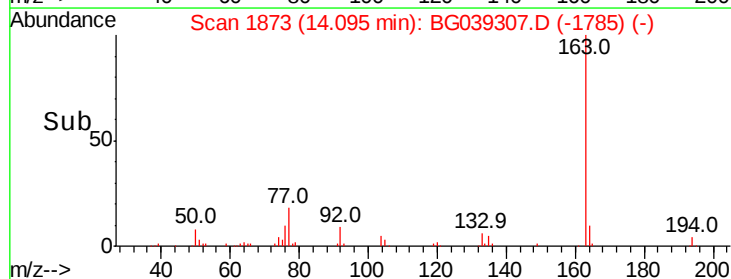
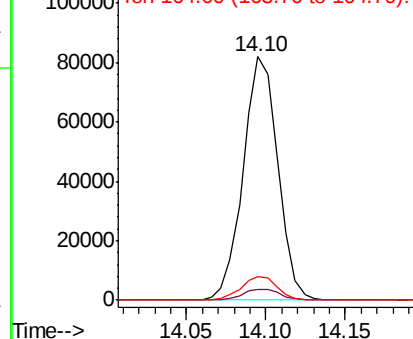
Lab File: BG039307.D

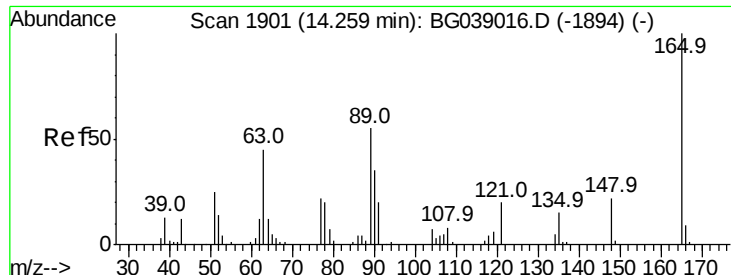
Acq: 26 Jan 2019 11:42

Tgt Ion:	163	Resp:	123978
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	9.8	8.2	12.2



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





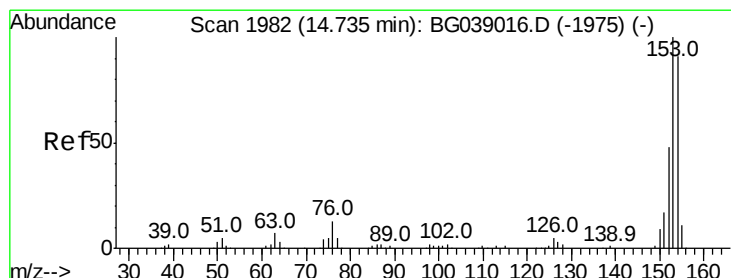
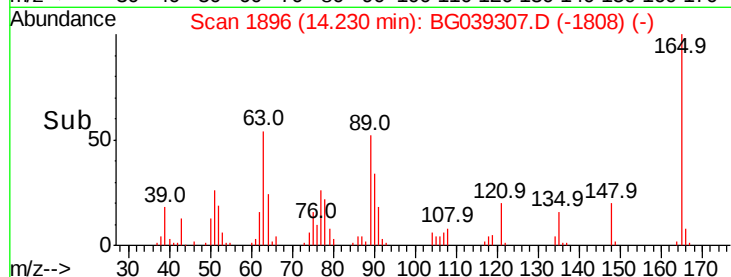
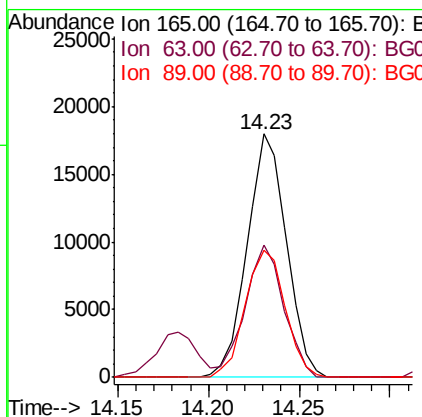
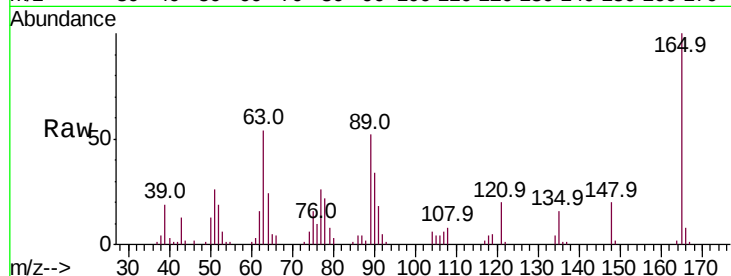
#51
 2,6-Dinitrotoluene
 Concen: 36.813 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BS

Tot Ion:	165	Resp:	27028
Ion Ratio	Lower	Upper	
165	100		
63	54.4	43.6	65.4
89	52.3	43.7	65.5

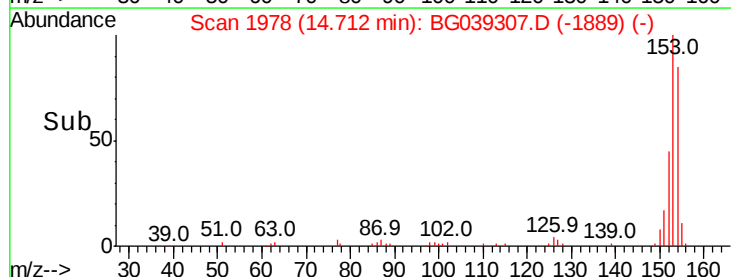
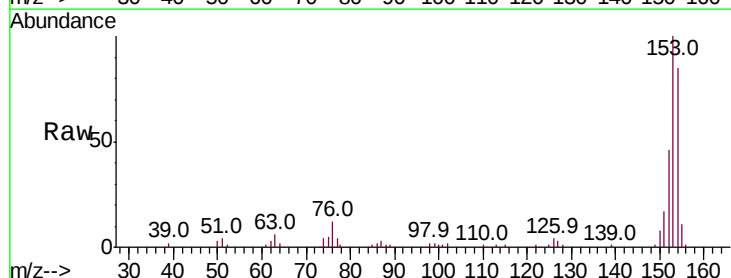
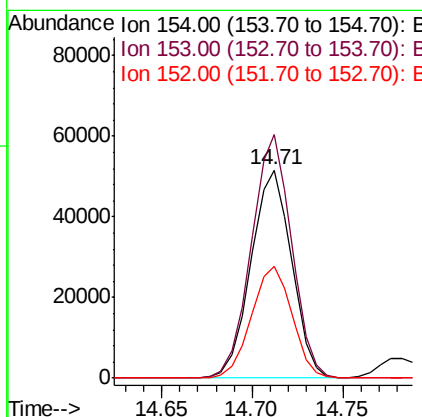
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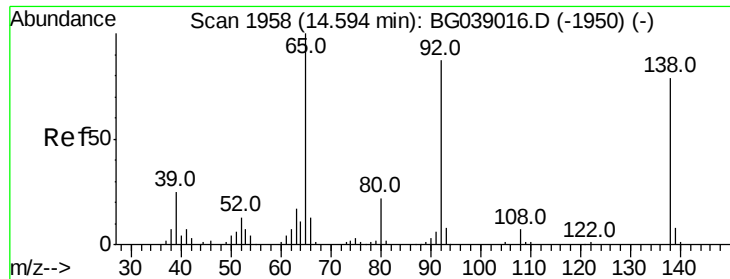
mohammad
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#52
 Acenaphthene
 Concen: 35.619 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Tgt Ion:	154	Resp:	80153
Ion Ratio	Lower	Upper	
154	100		
153	117.2	87.9	131.9
152	53.7	42.2	63.2





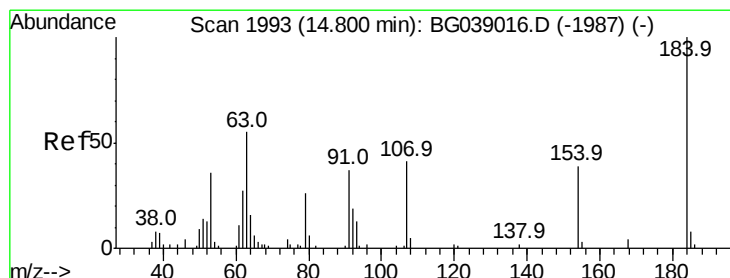
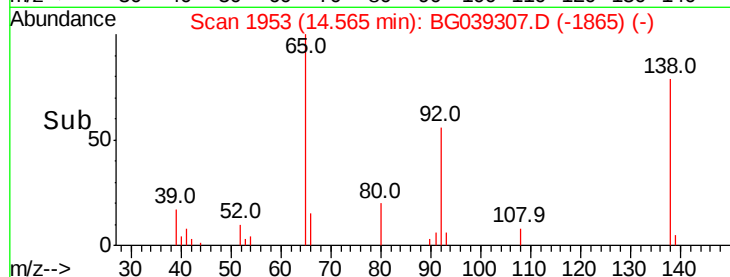
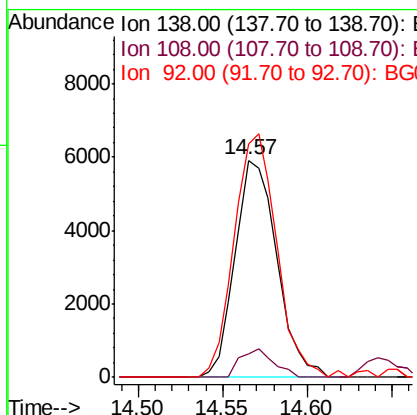
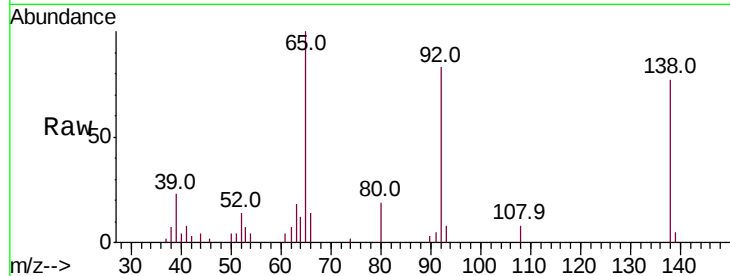
#53
 3-Nitroaniline
 Concen: 13.734 ng
 RT: 14.57 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.4	11.0
92	107.4	88.2	132.4

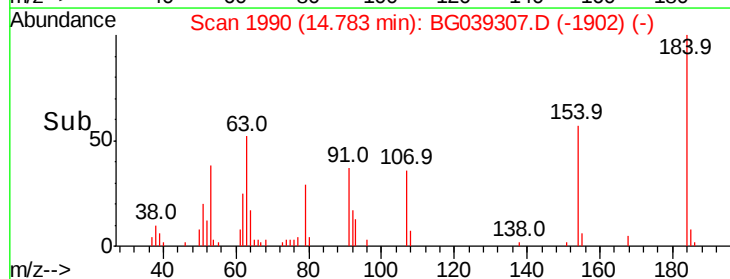
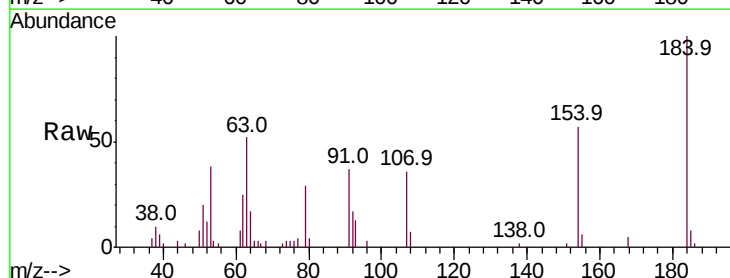
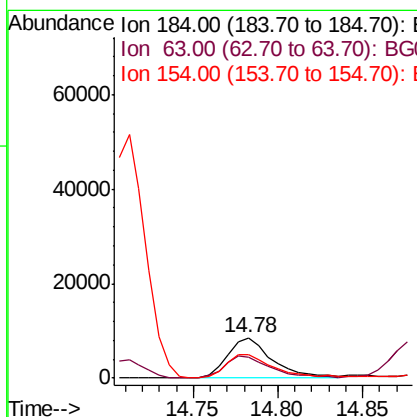
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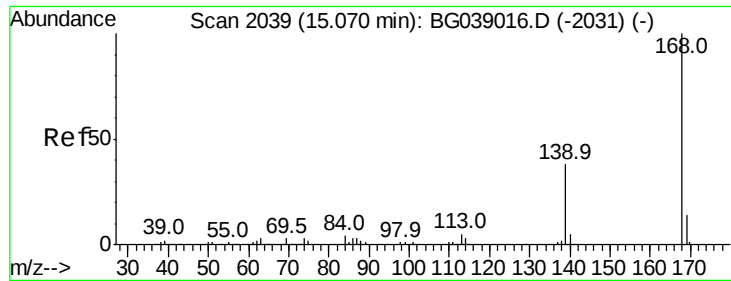
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#54
 2,4-Dinitrophenol
 Concen: 38.615 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.4	44.0	66.0
154	57.2	46.1	69.1





#55

Dibenzenofuran

Concen: 35.959 ng

RT: 15.05 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Instrument :

BNA_G

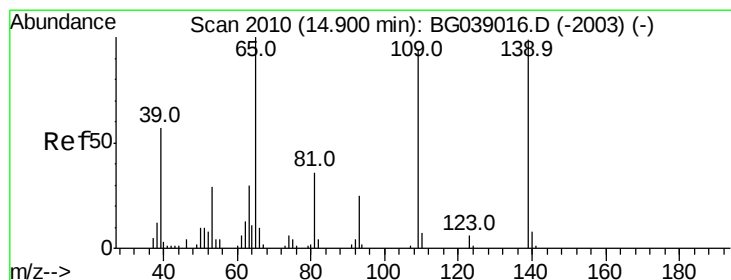
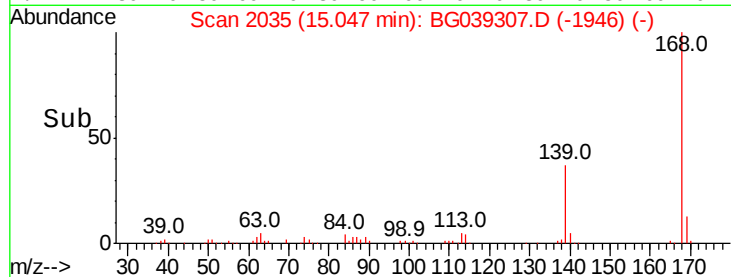
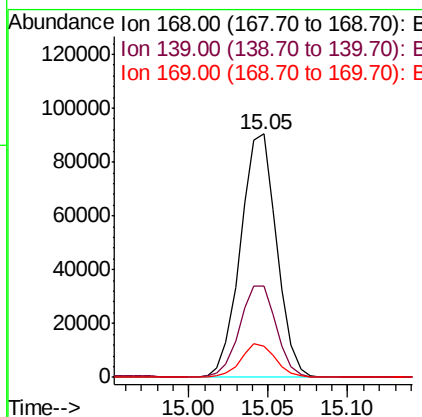
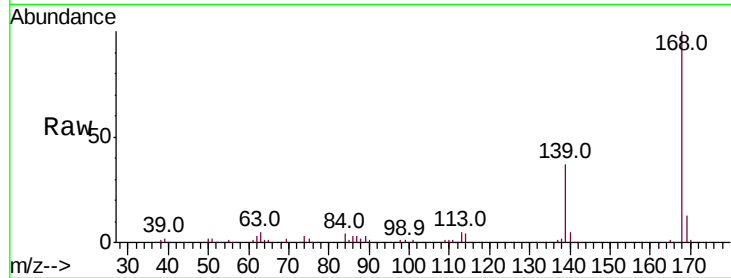
ClientSampleId :

PB116618BS

Tot Ion:	168	Resp:	142912
Ion Ratio	Lower	Upper	
168	100		
139	37.3	30.1	45.1
169	12.6	10.9	16.3

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#56

4-Nitrophenol

Concen: 72.147 ng

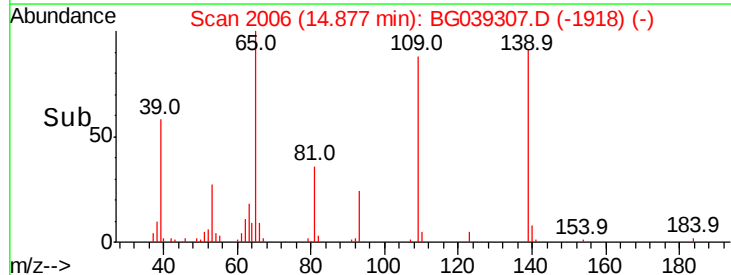
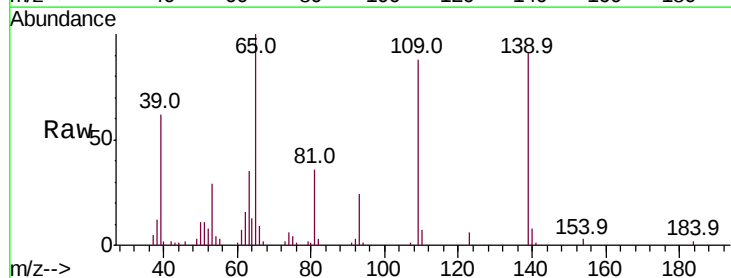
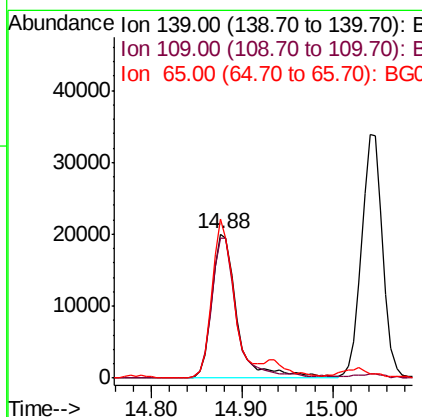
RT: 14.88 min Scan# 2006

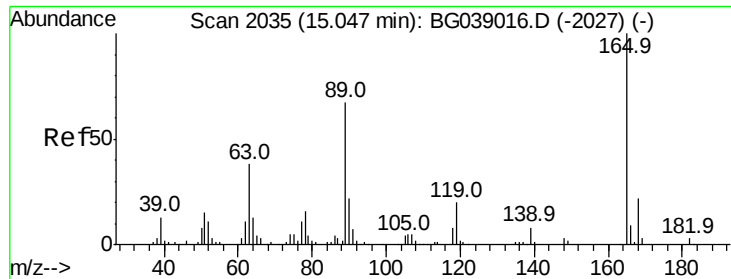
Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Tgt Ion:	139	Resp:	38664
Ion Ratio	Lower	Upper	
139	100		
109	96.7	75.6	115.6
65	109.9	81.2	121.2





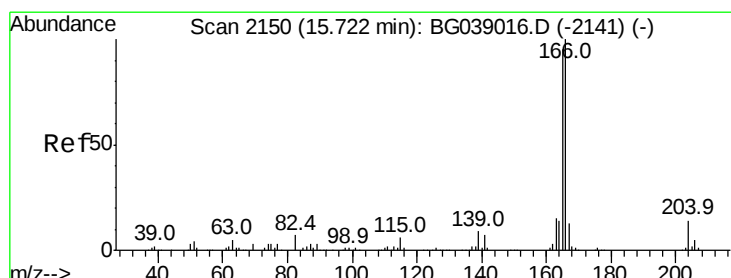
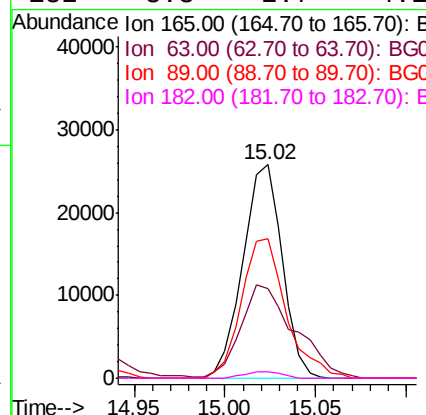
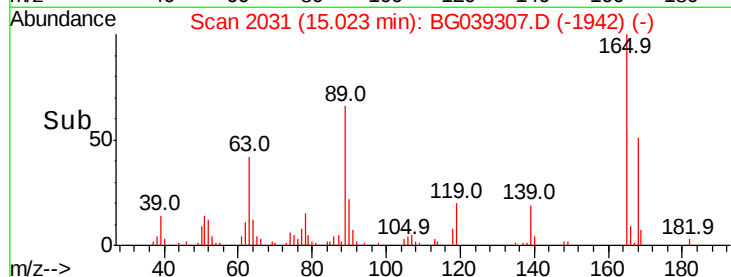
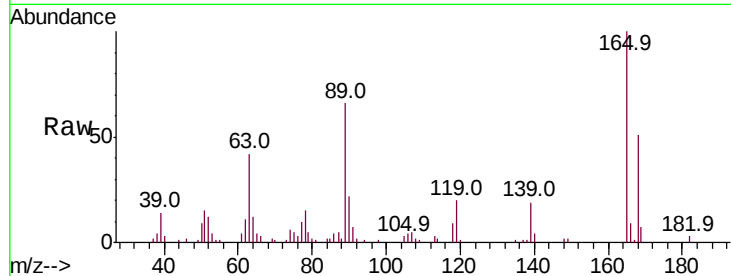
#57
 2,4-Dinitrotoluene
 Concen: 37.116 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.3	30.2	45.4	
89	65.6	53.2	79.8	
182	3.3	2.7	4.1	

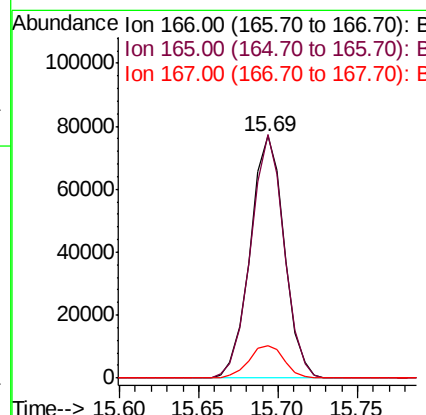
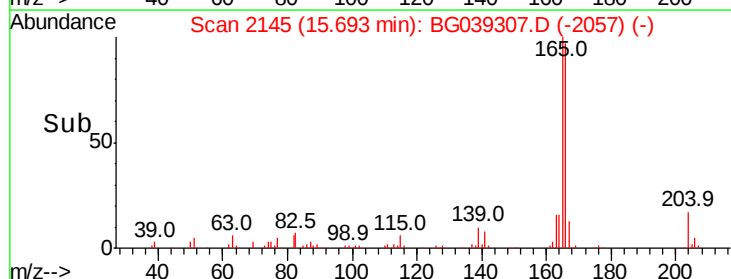
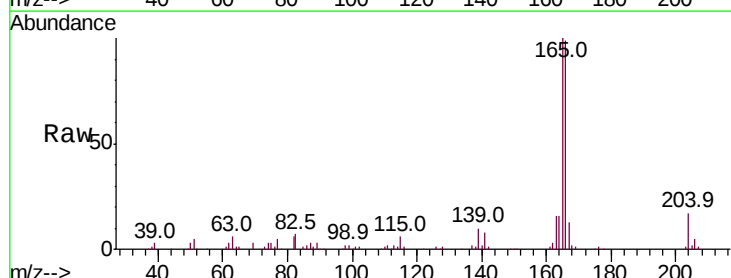
Manual Integrations
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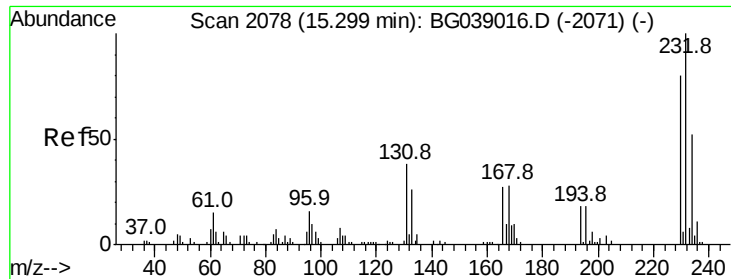
mohammad
 1/29/2019 12:26:10 AM



#58
 Fluorene
 Concen: 38.226 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.7	76.2	114.2	
167	13.4	10.6	16.0	





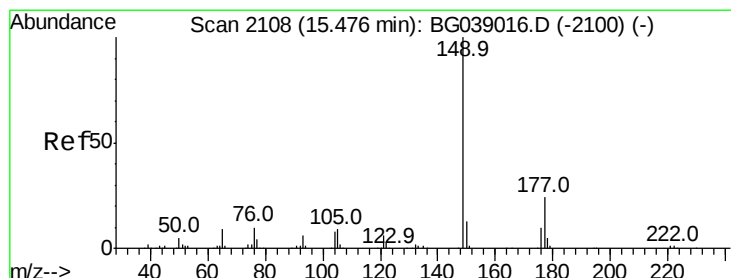
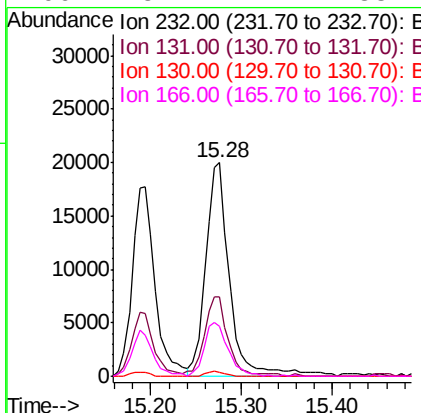
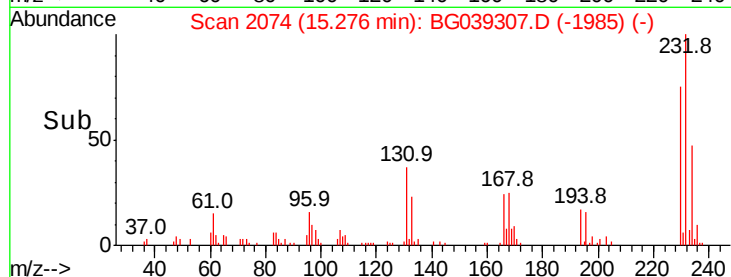
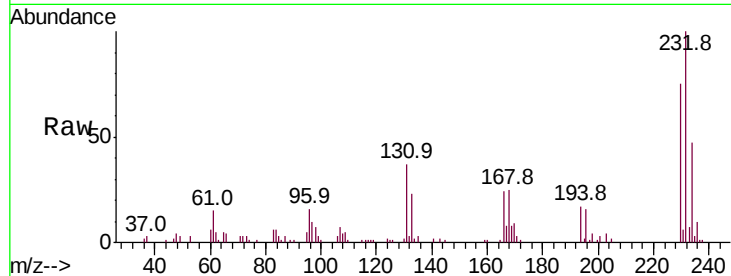
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.132 ng
 RT: 15.28 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	36778		
131	33.2		30.9	46.3
130	1.8		1.9	2.9
166	25.1		22.1	33.1

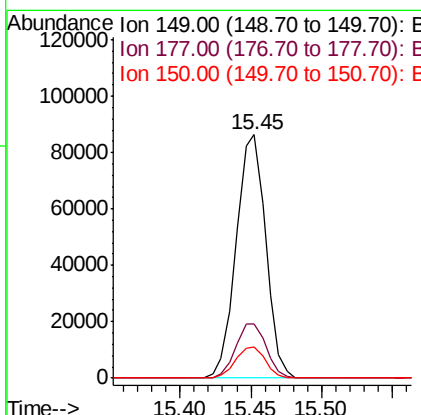
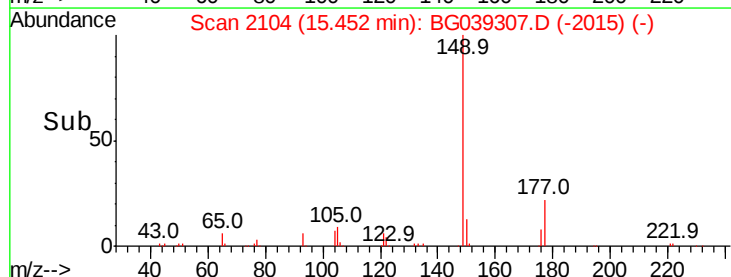
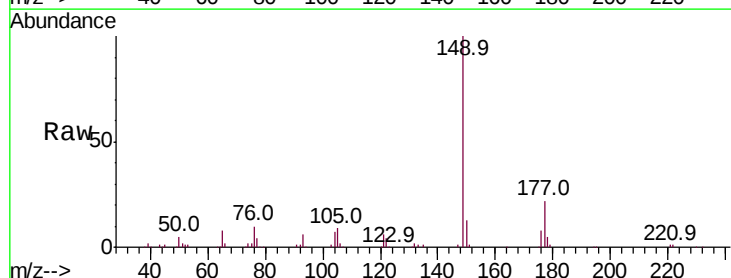
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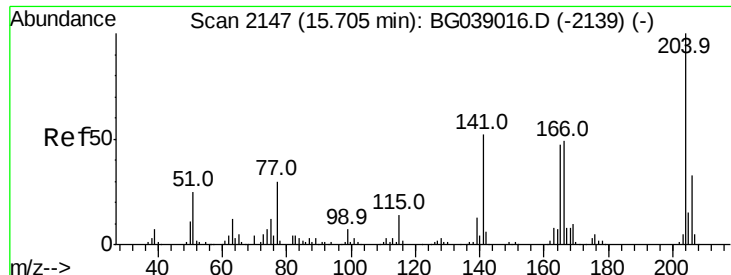
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#60
 Diethylphthalate
 Concen: 37.146 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	125683		
177	22.5		19.0	28.6
150	12.6		10.2	15.4





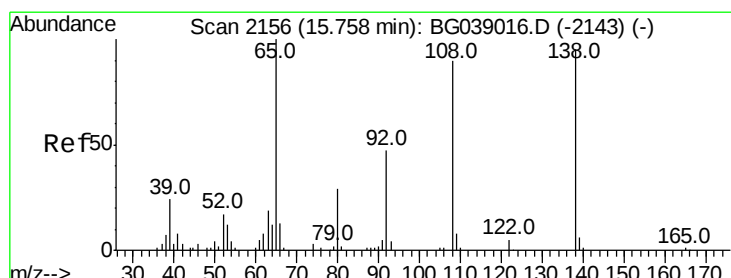
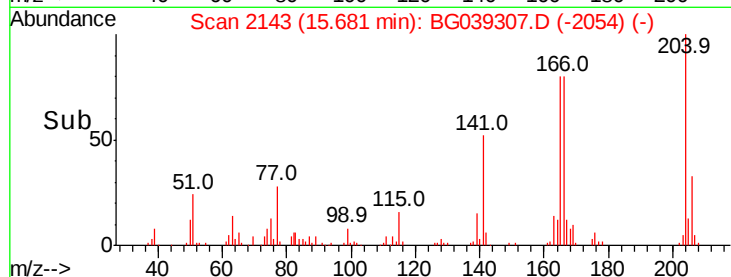
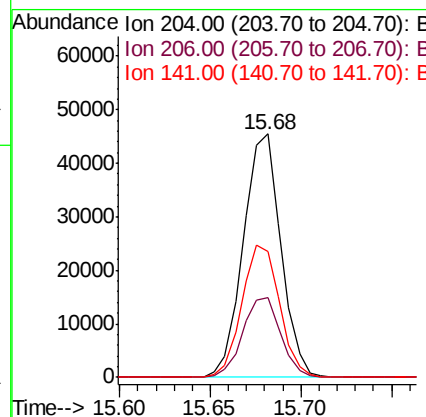
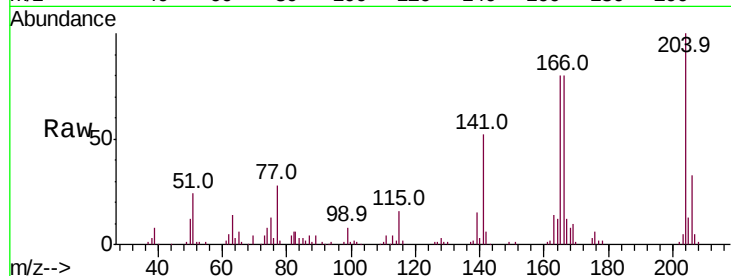
#61
 4-Chlorophenyl-phenylether
 Concen: 34.717 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.6	39.8
141	51.7	41.4	62.0

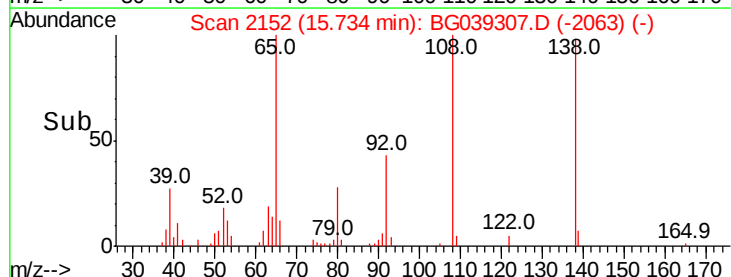
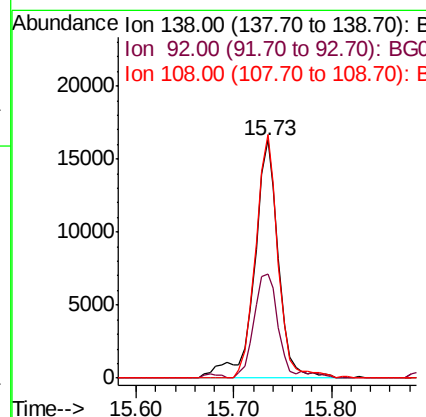
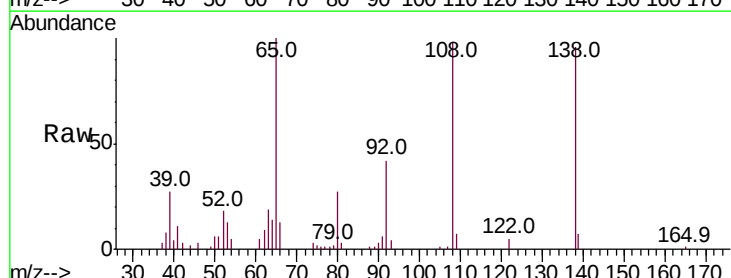
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#62
 4-Nitroaniline
 Concen: 36.330 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.6	29.7	69.7
108	102.3	75.7	115.7





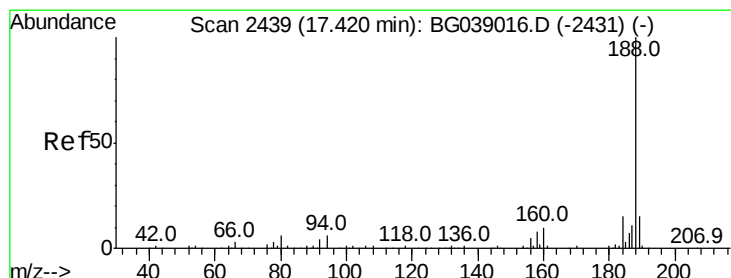
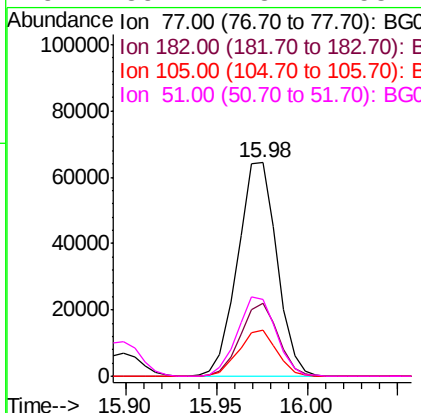
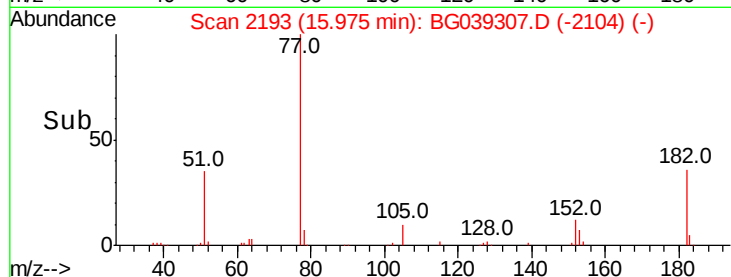
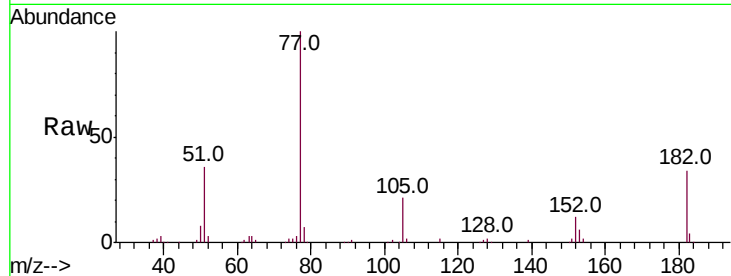
#63
Azobenzene
Concen: 36.633 ng
RT: 15.98 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Instrument :
BNA_G
ClientSampled :
PB116618BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	34.1	12.2	52.2
105	21.4	1.2	41.2
51	35.7	13.4	53.4

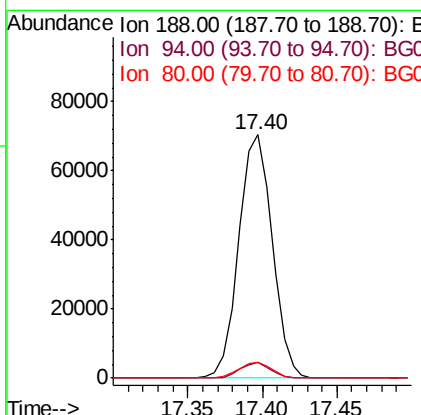
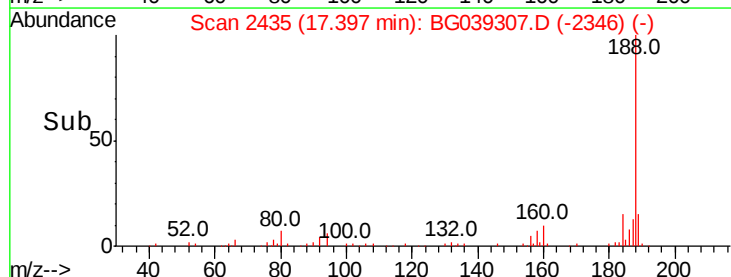
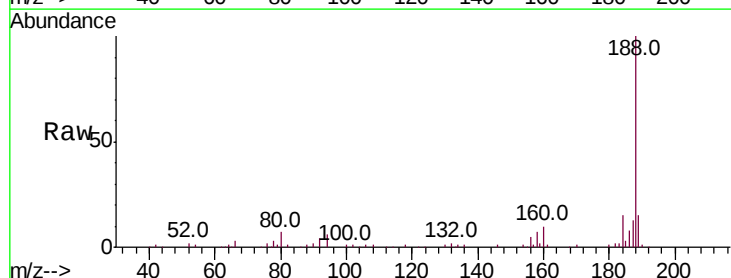
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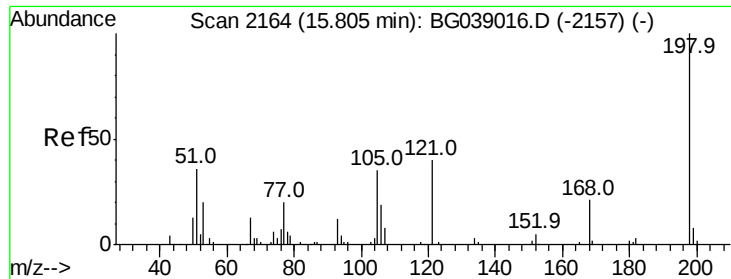
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.0	7.4
80	6.6	4.7	7.1





#65

4,6-Dinitro-2-methylphenol

Concen: 25.455 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Instrument :

BNA_G

ClientSampleId :

PB116618BS

Tot Ion:198 Resp: 20678

Ion Ratio Lower Upper

198 100

51 44.1 20.8 60.8

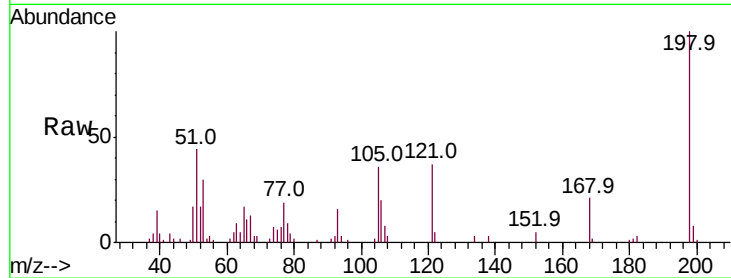
105 35.8 16.1 56.1

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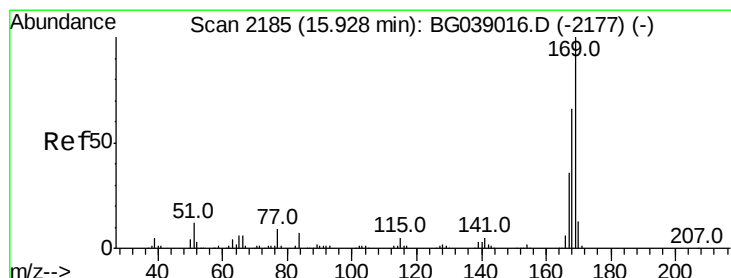
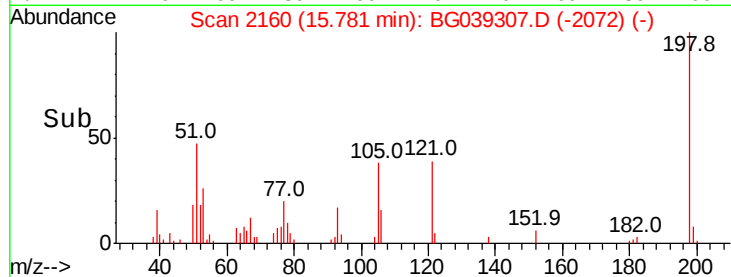
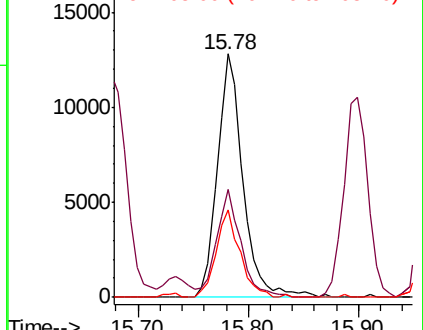
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 33.342 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

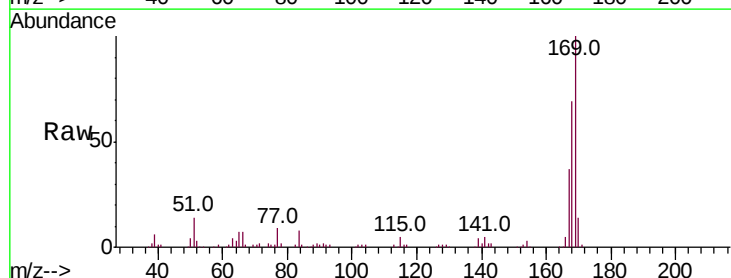
Tgt Ion:169 Resp: 108379

Ion Ratio Lower Upper

169 100

168 69.0 53.2 79.8

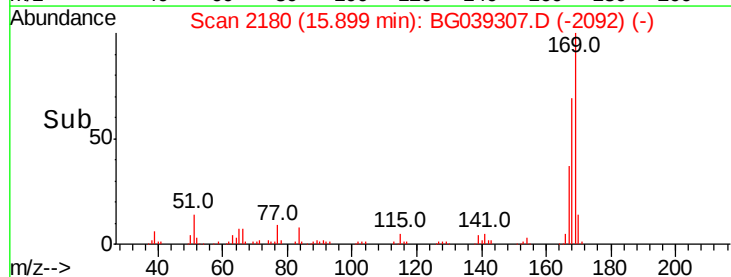
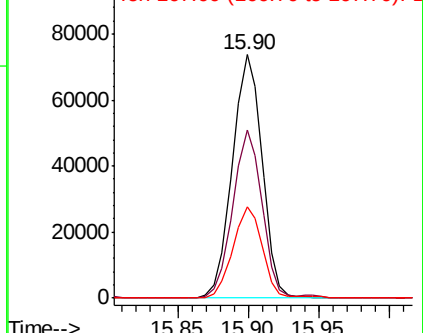
167 37.3 29.1 43.7

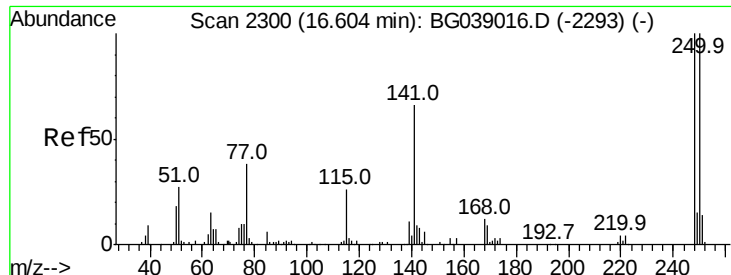


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





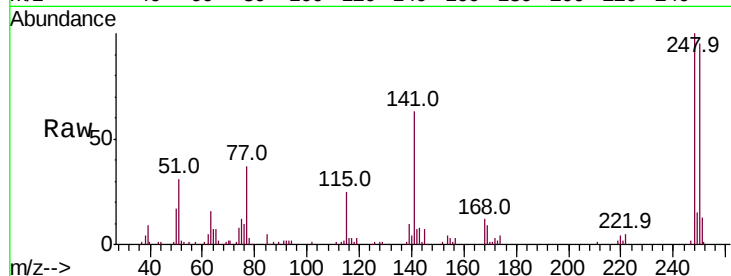
#67
 4-Bromophenyl-phenylether
 Concen: 32.439 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.2	79.9	119.9
141	63.1	52.7	79.1

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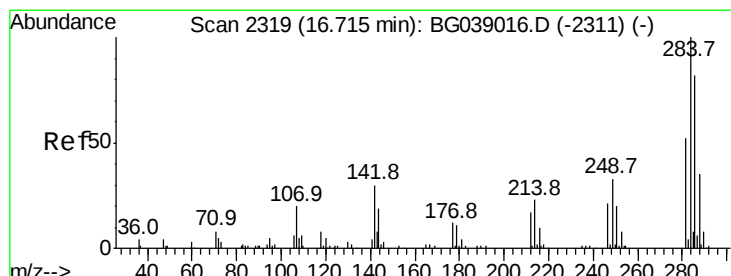
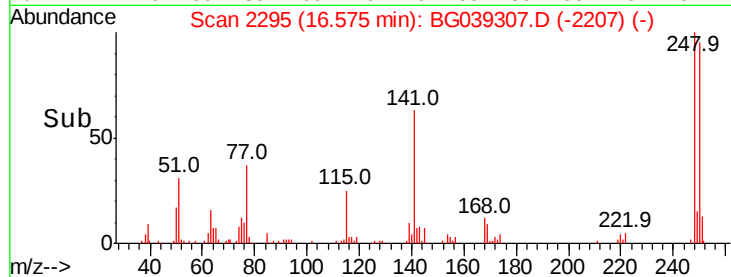
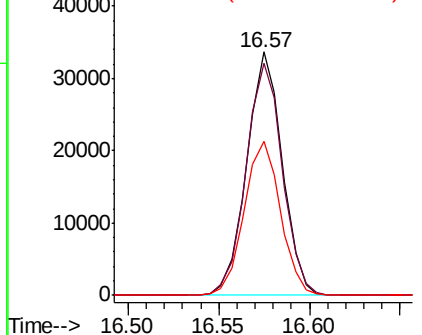


Abundance

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: 31.872 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

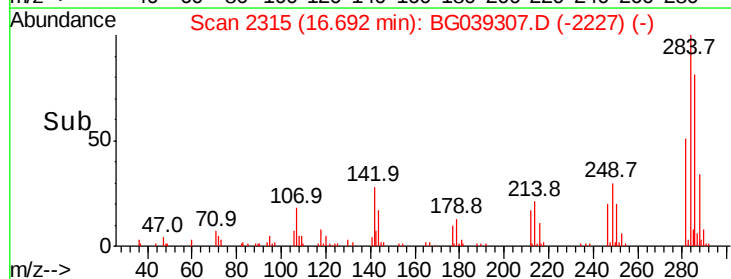
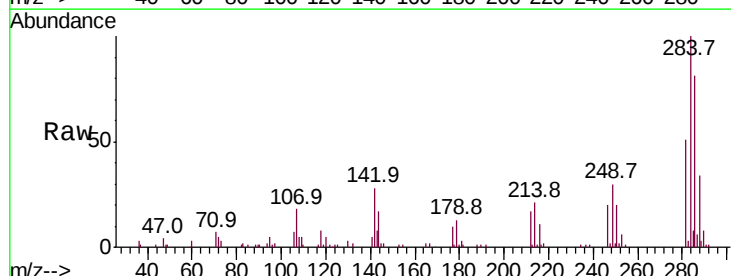
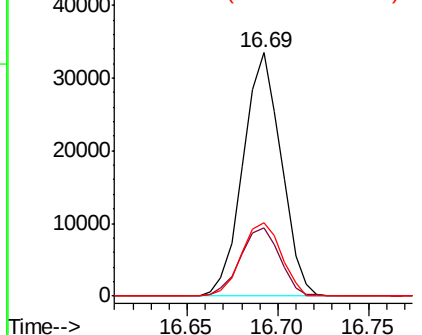
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.0	24.3	36.5
249	32.2	27.8	41.8

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





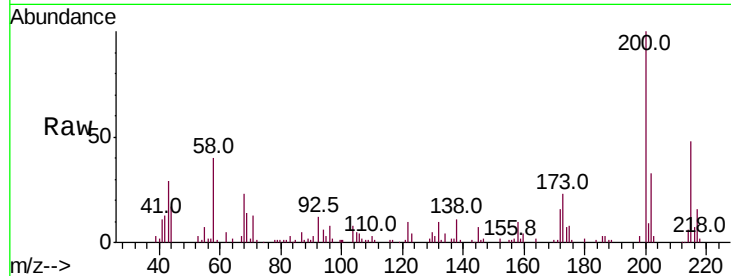
#69
Atrazine
Concen: 35.314 ng
RT: 16.84 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Instrument :
BNA_G
ClientSampleId :
PB116618BS

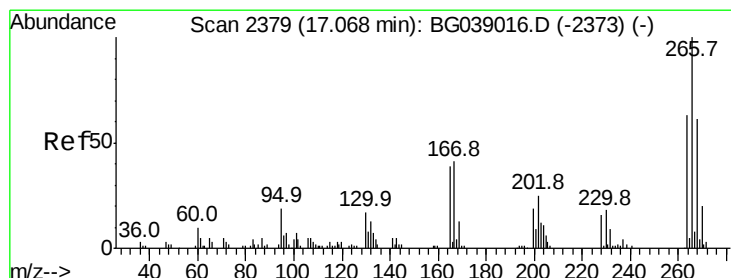
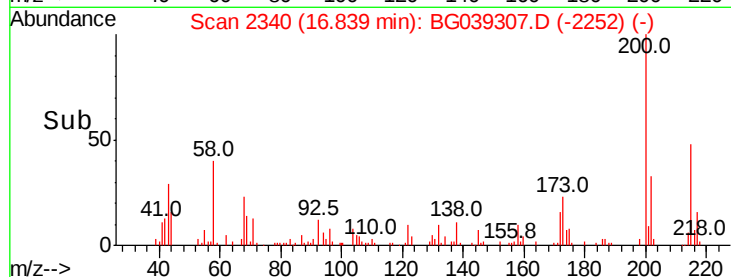
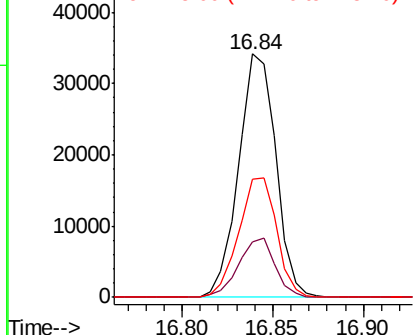
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.0	2.6	42.6
215	48.5	28.0	68.0

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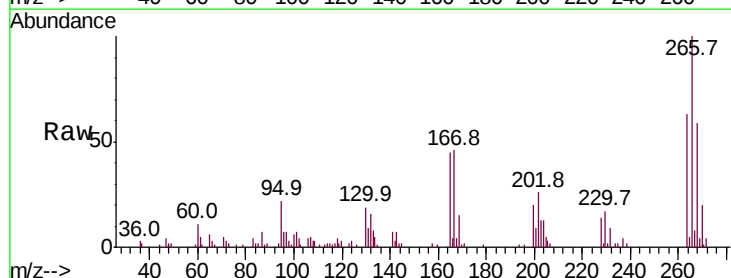


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

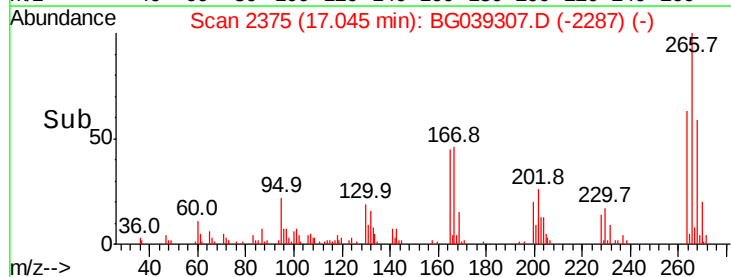
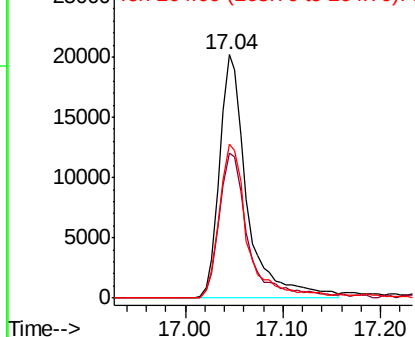


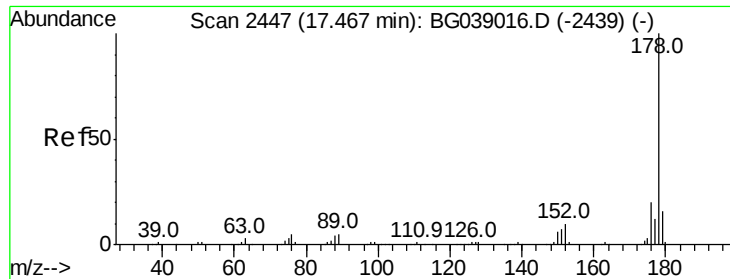
#70
Pentachlorophenol
Concen: 44.645 ng
RT: 17.04 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	52.0	78.0
264	68.5	54.6	81.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





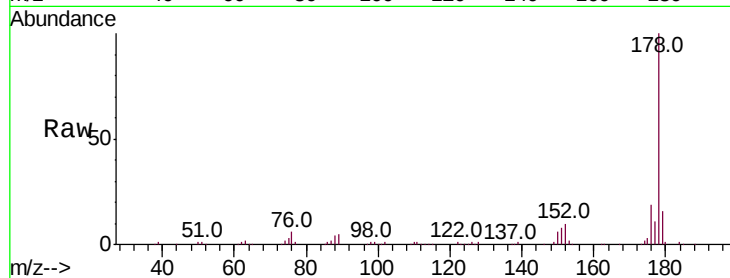
#71
Phenanthrene
Concen: 36.667 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Instrument :
BNA_G
ClientSampleId :
PB116618BS

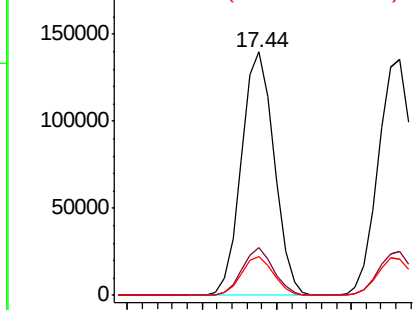
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	16.1	12.9	19.3

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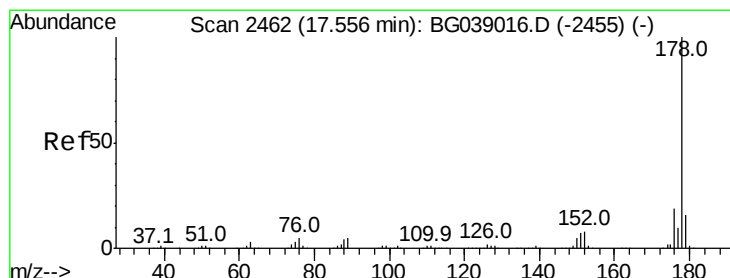
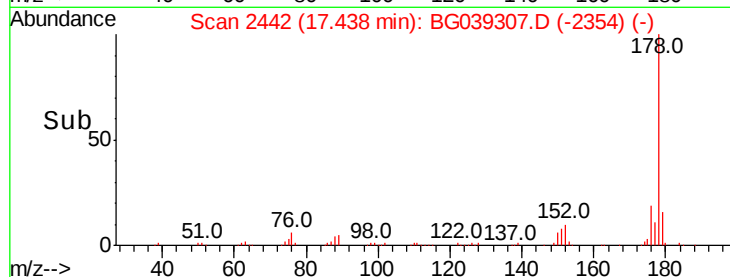
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



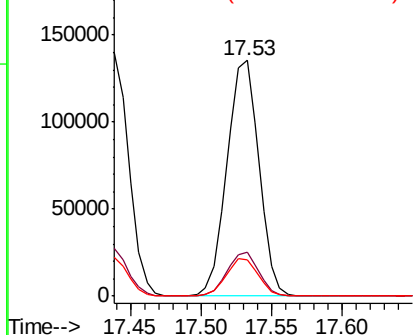
Time--> 17.35 17.40 17.45 17.50



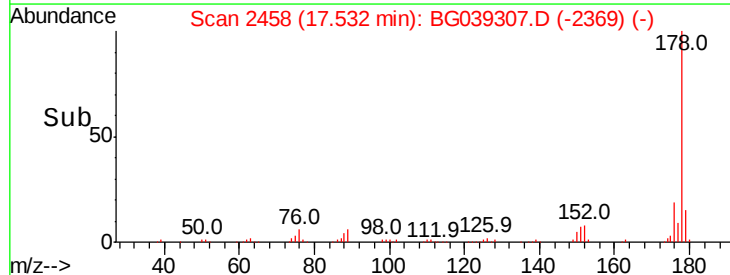
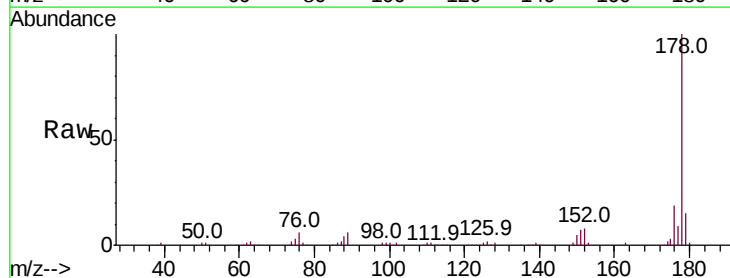
#72
Anthracene
Concen: 37.250 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

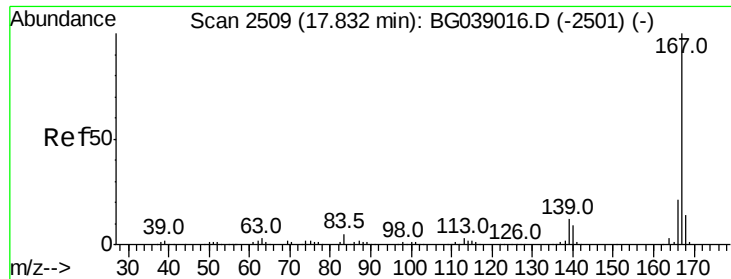
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.5	13.0	19.4

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



Time--> 17.45 17.50 17.55 17.60





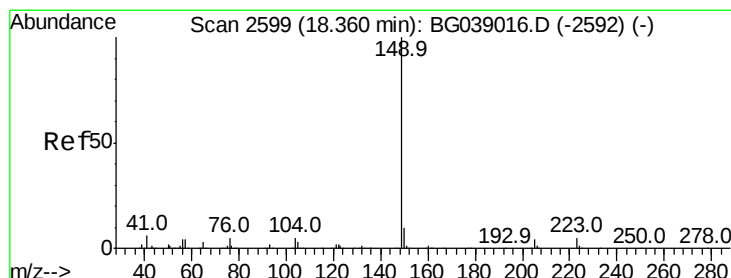
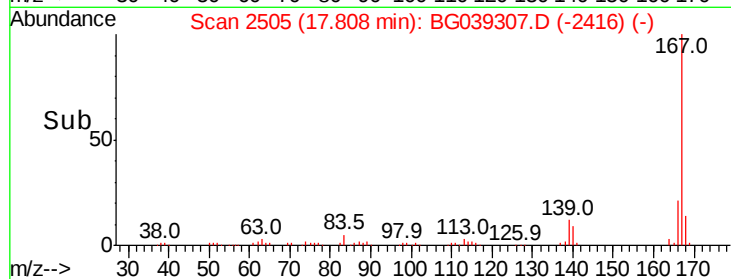
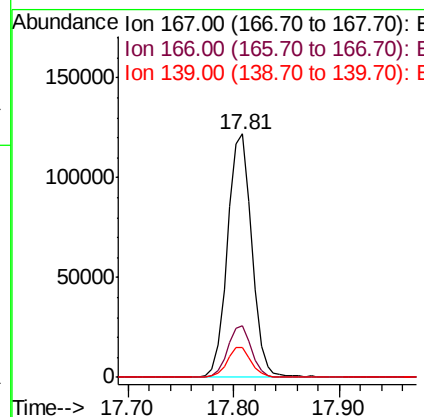
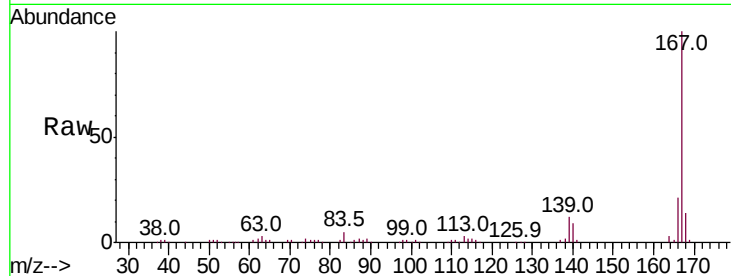
#73
 Carbazole
 Concen: 34.235 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.1	16.9	25.3	
139	12.1	10.0	15.0	

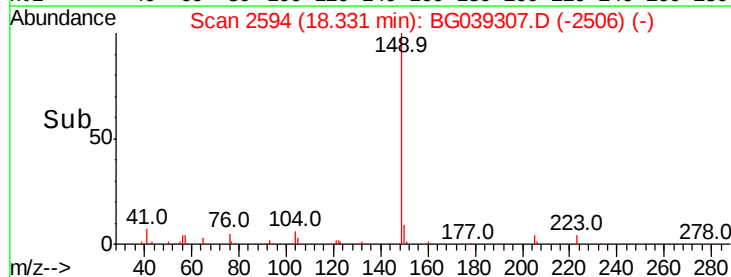
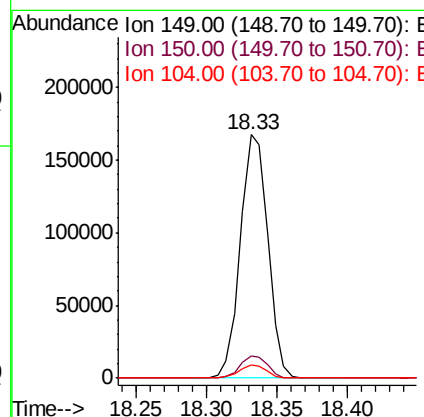
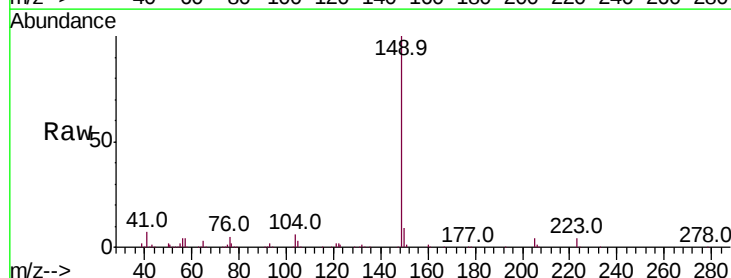
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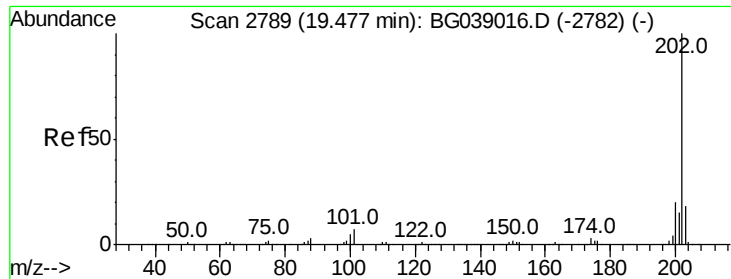
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#74
 Di-n-butylphthalate
 Concen: 36.215 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.9	11.9	
104	5.6	4.2	6.2	





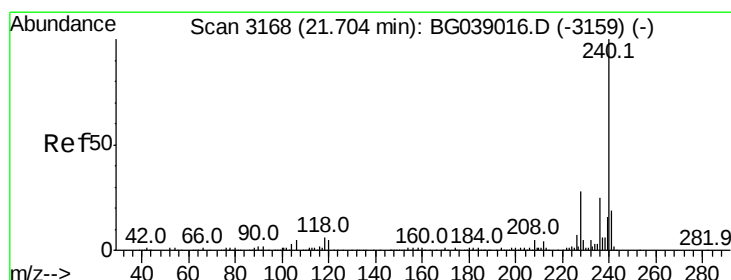
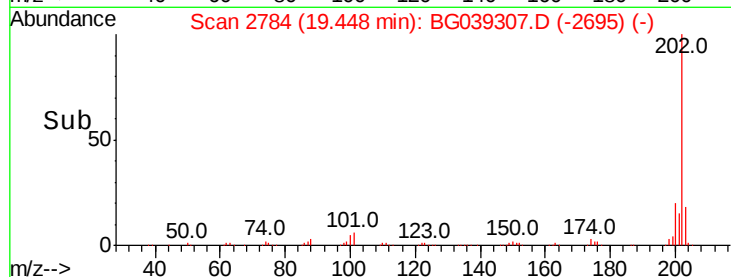
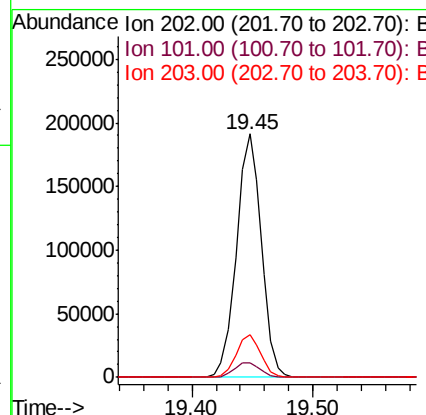
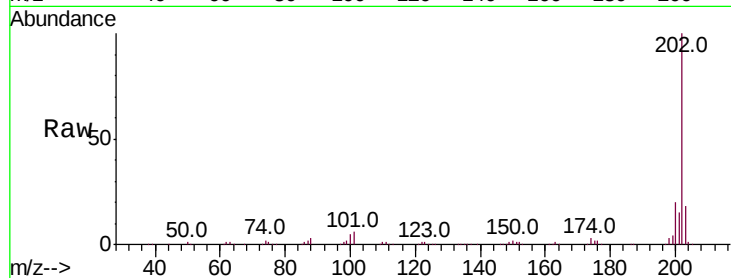
#75
 Fluoranthene
 Concen: 37.972 ng
 RT: 19.45 min Scan# 2784
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Instrument :
 BNA_G
 ClientSampleID :
 PB116618BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	272817		
101	5.9	0.0	26.9	
203	17.6	0.0	38.1	

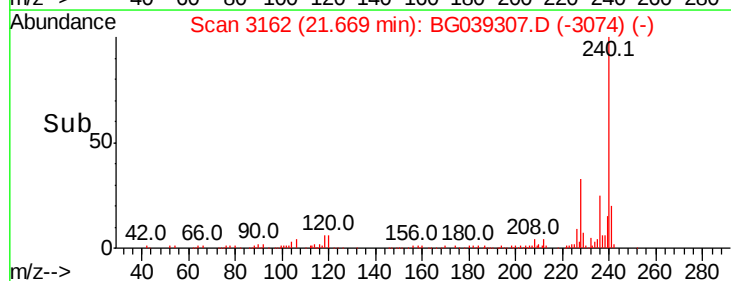
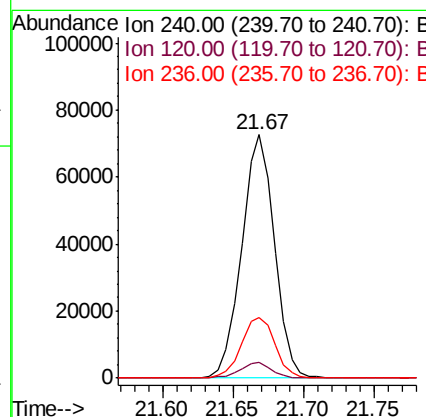
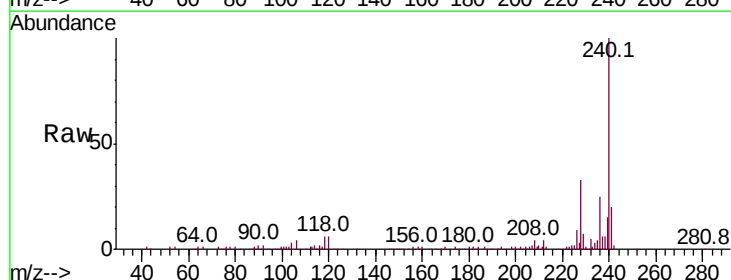
Manual Integrations
 APPROVED

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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	117610		
120	6.3	4.3	6.5	
236	24.7	20.1	30.1	





#77

Benzidine

Concen: 13.581 ng

RT: 19.64 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Instrument :

BNA_G

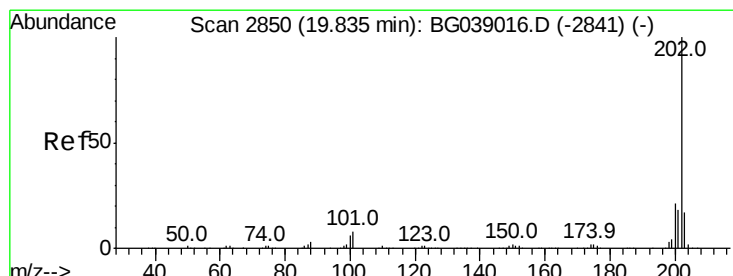
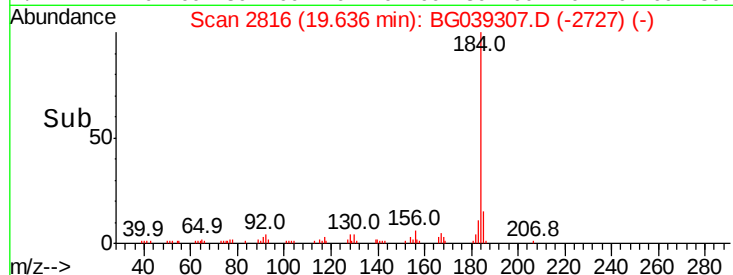
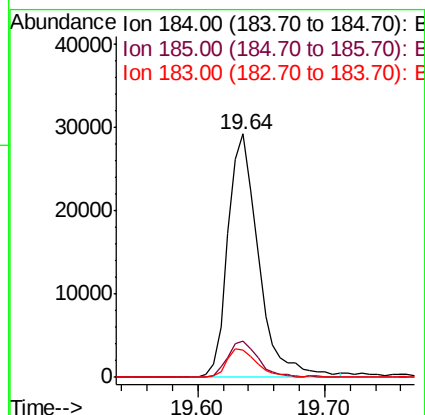
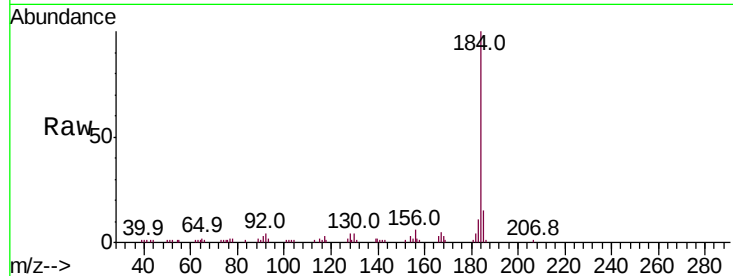
ClientSampleId :

PB116618BS

Tot Ion:	184	Resp:	48854
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.1	18.1
183	11.3	9.5	14.3

Manual Integrations
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#78

Pyrene

Concen: 36.871 ng

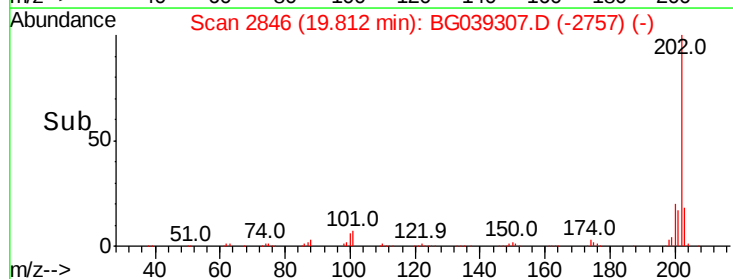
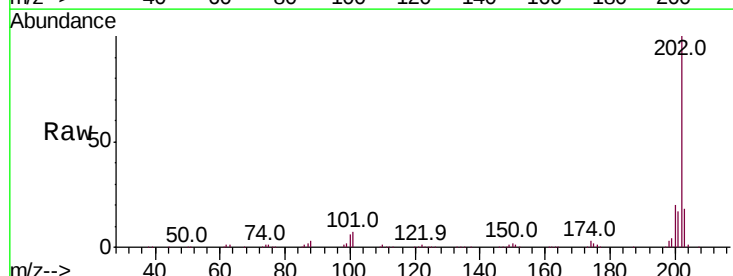
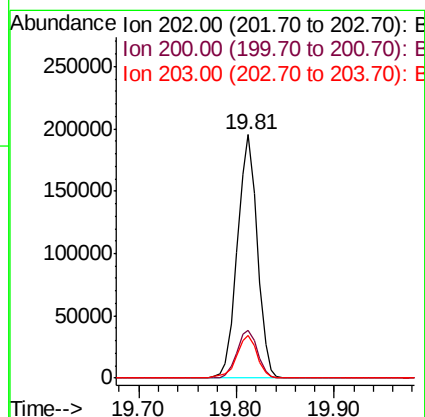
RT: 19.81 min Scan# 2846

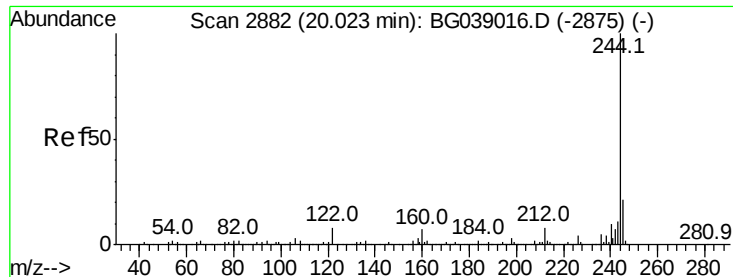
Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Tgt Ion:	202	Resp:	276351
Ion Ratio	Lower	Upper	
202	100		
200	19.9	17.0	25.6
203	17.6	14.0	21.0





#79

Terphenyl-d14

Concen: 59.294 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

Instrument :

BNA_G

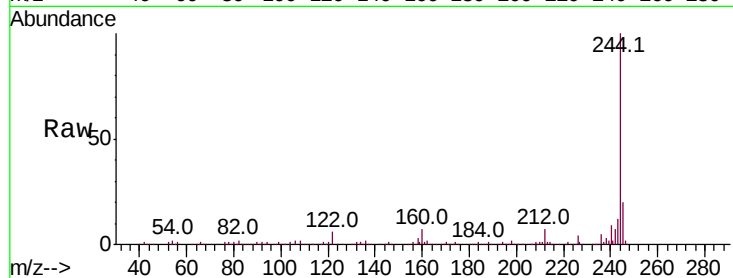
ClientSampleId :

PB116618BS

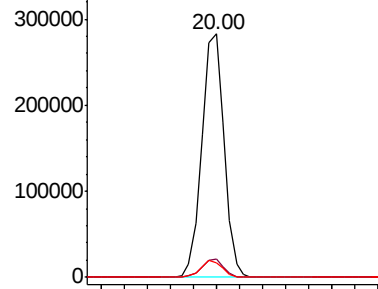
Tot Ion:	244	Resp:	376971
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.1	9.1
122	6.1	6.1	9.1

Manual Integrations
APPROVED

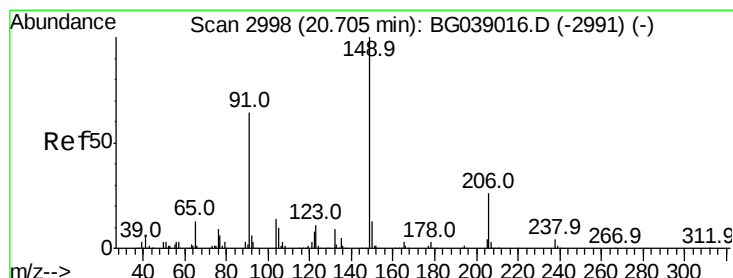
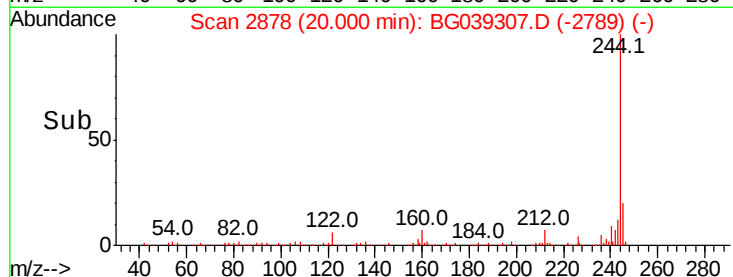
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.00 20.10



#80

Butylbenzylphthalate

Concen: 35.432 ng

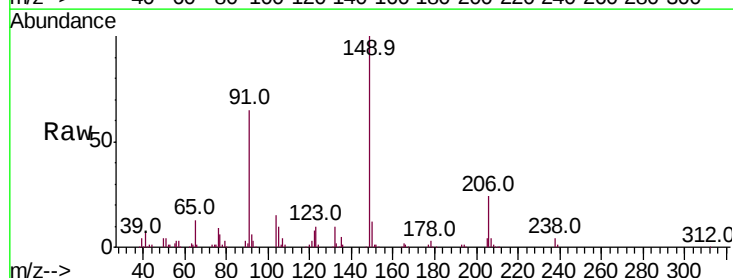
RT: 20.68 min Scan# 2993

Delta R.T. -0.01 min

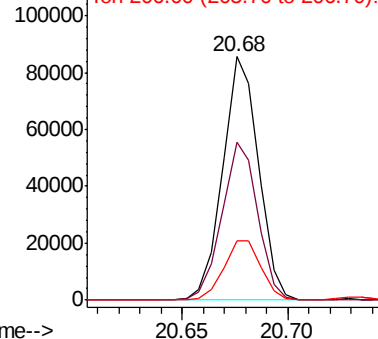
Lab File: BG039307.D

Acq: 26 Jan 2019 11:42

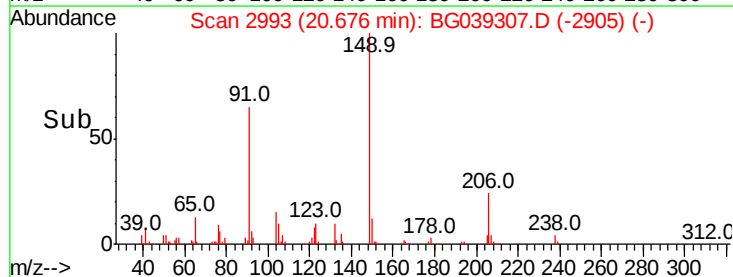
Tgt Ion:	149	Resp:	101004
Ion Ratio	Lower	Upper	
149	100		
91	64.8	51.4	77.0
206	24.4	20.4	30.6

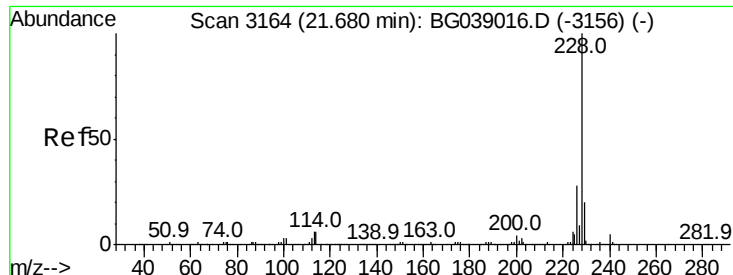


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E



Time--> 20.65 20.70





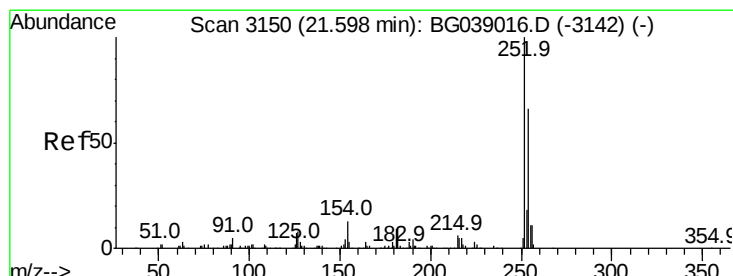
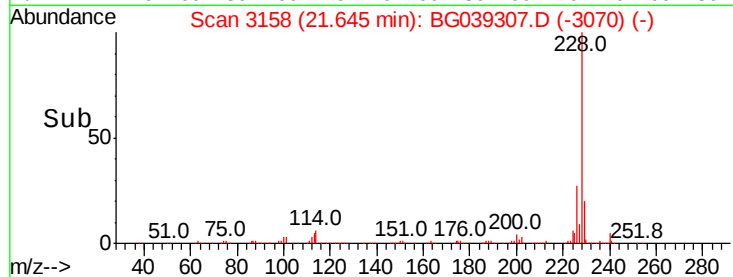
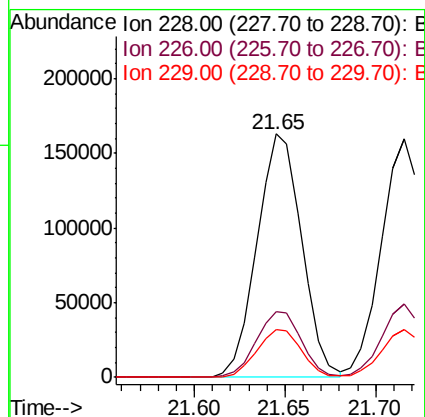
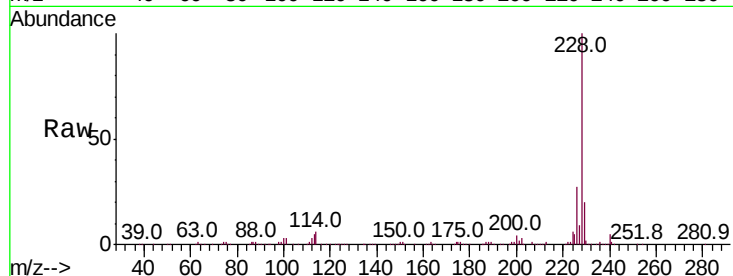
#81
Benzo(a)anthracene
Concen: 38.957 ng
RT: 21.65 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Instrument :
BNA_G
ClientSampleId :
PB116618BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.4	33.6
229	19.8	16.2	24.2

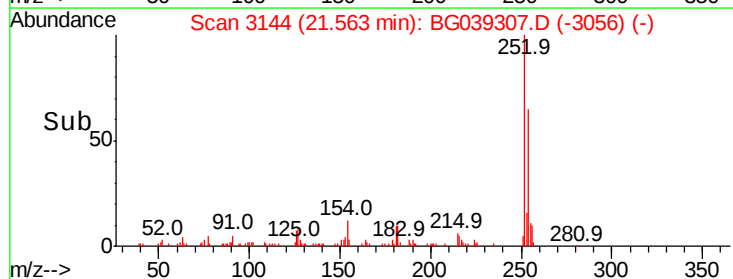
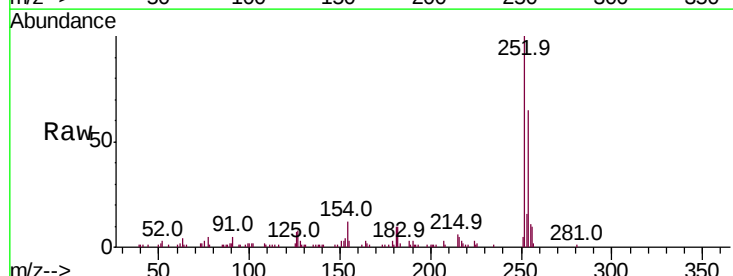
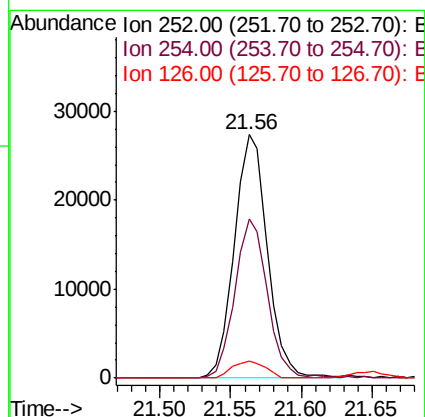
Manual Integrations
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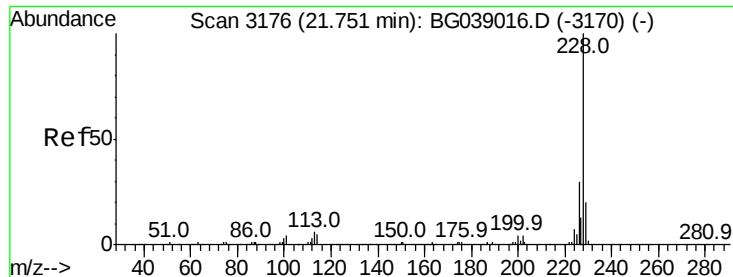
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 15.320 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	53.0	79.6
126	7.1	6.0	9.0





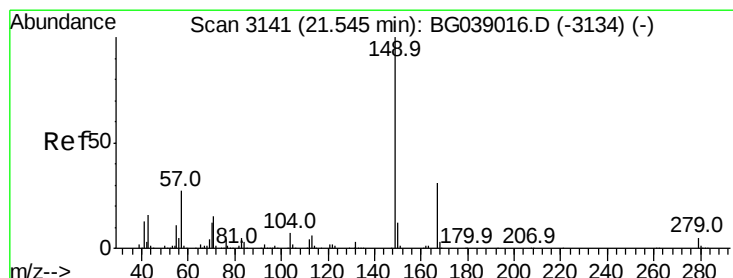
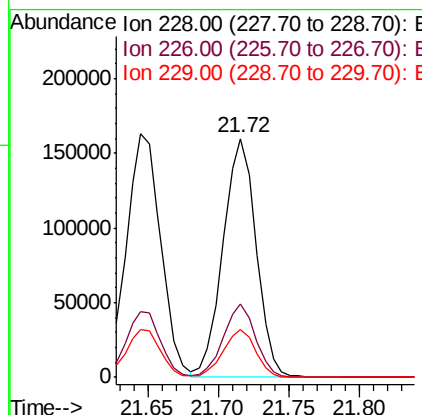
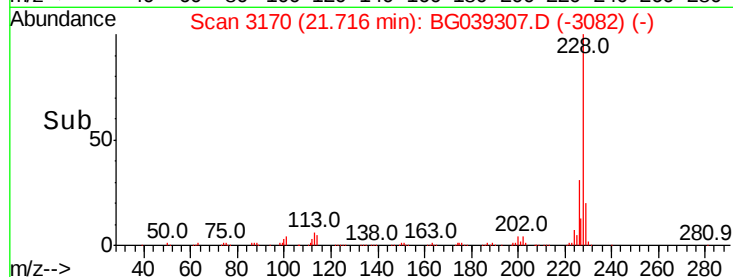
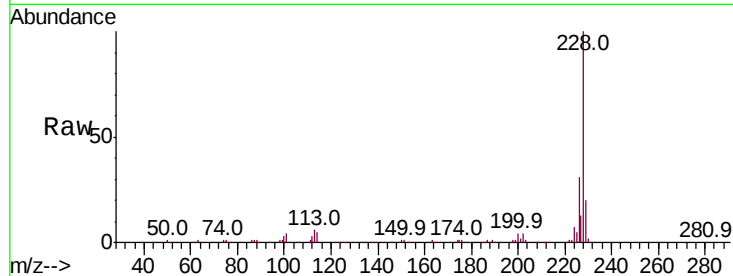
#83
 Chrysene
 Concen: 38.309 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	19.9	16.0	24.0

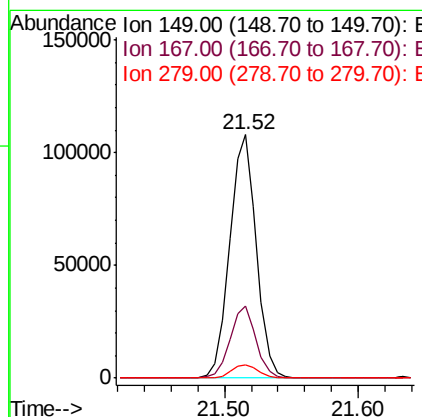
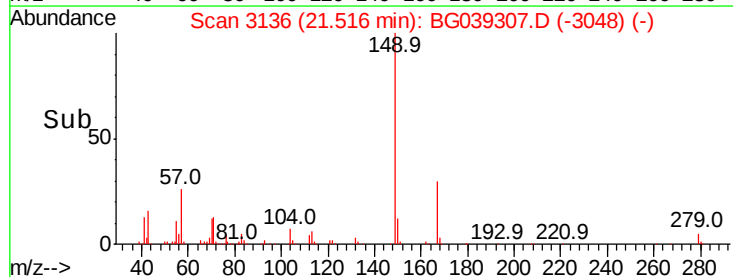
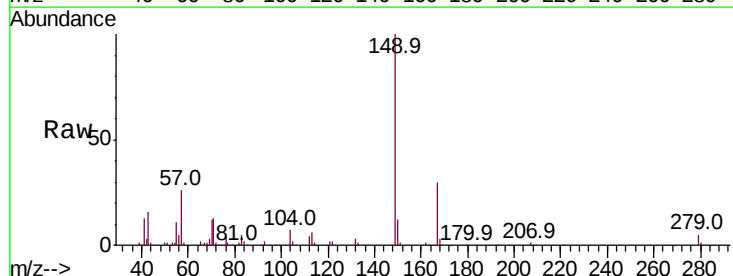
Manual Integrations
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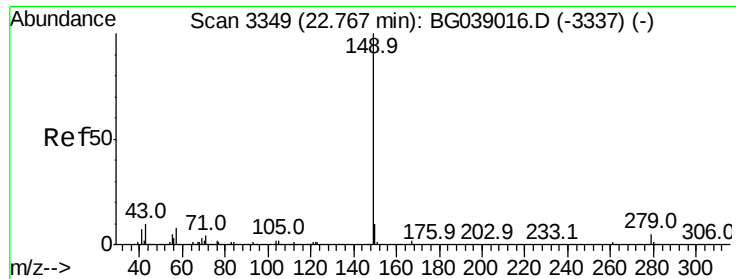
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.810 ng
 RT: 21.52 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	25.0	37.4
279	5.5	4.3	6.5





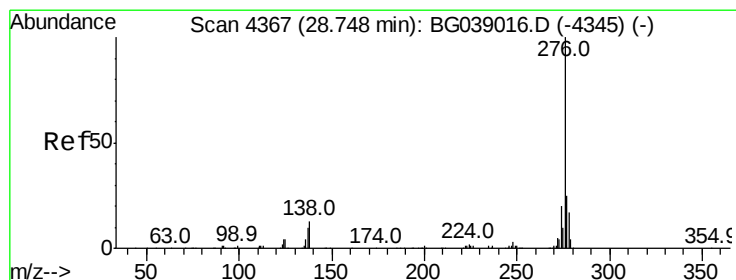
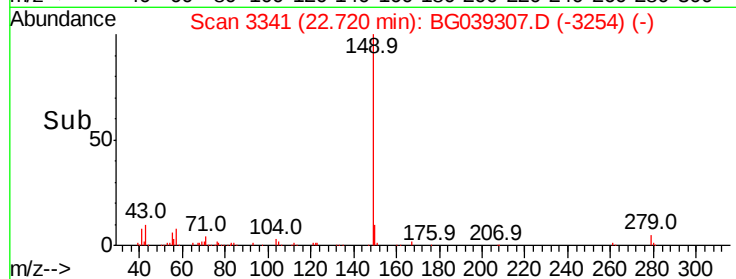
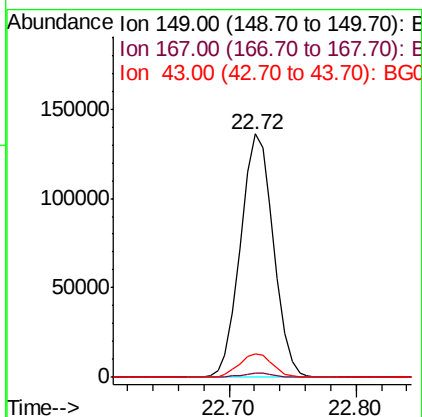
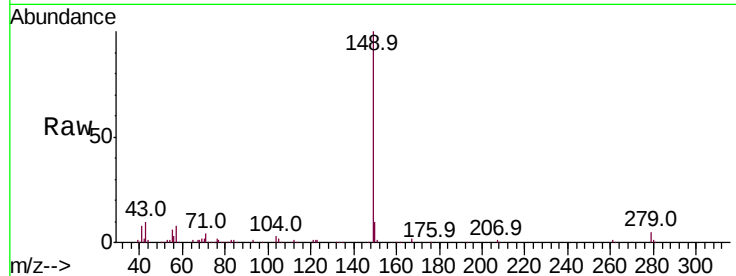
#85
Di-n-octyl phthalate
Concen: 36.567 ng
RT: 22.72 min Scan# 3341
Delta R.T. -0.02 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Instrument :
BNA_G
ClientSampleId :
PB116618BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	244741		
167	1.7		1.3	1.9
43	9.9		7.5	11.3

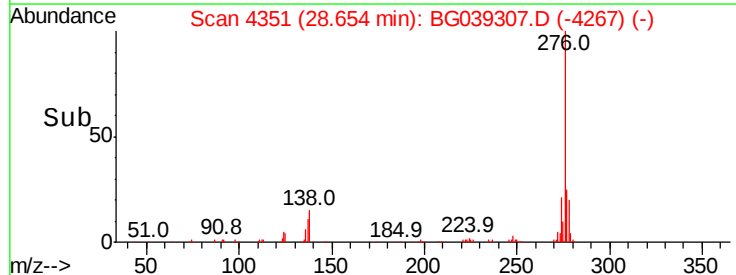
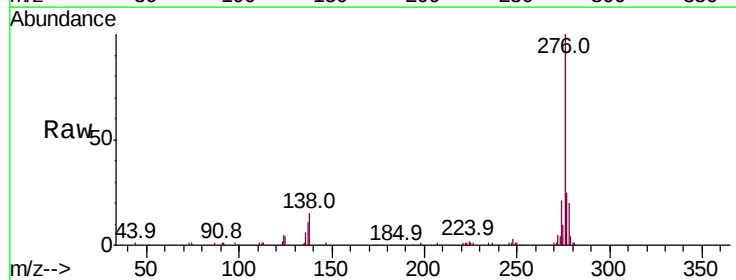
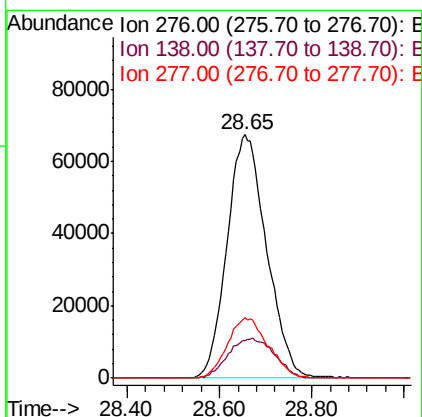
Manual Integrations
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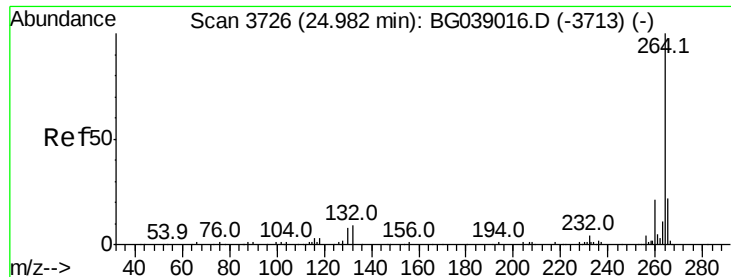
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 49.256 ng
RT: 28.65 min Scan# 4351
Delta R.T. -0.04 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	400769		
138	19.0		8.0	12.0#
277	25.4		20.3	30.5





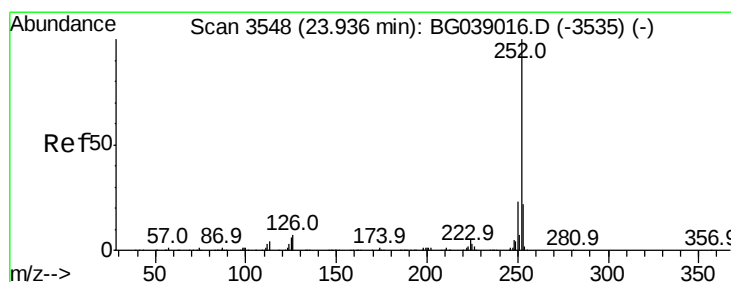
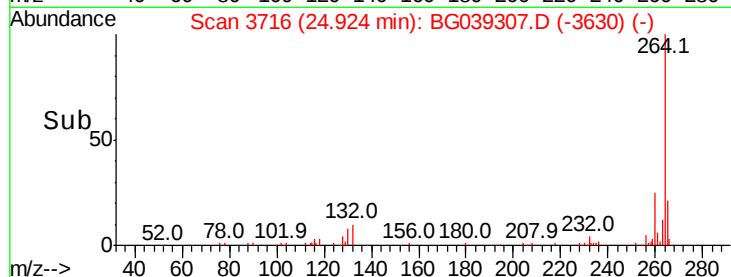
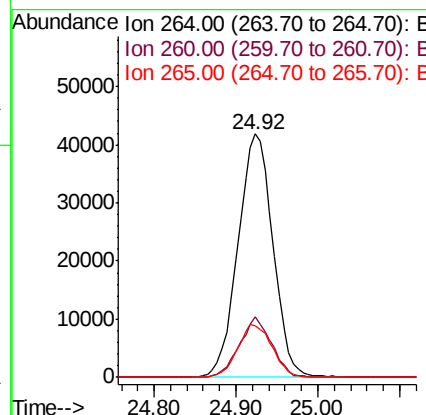
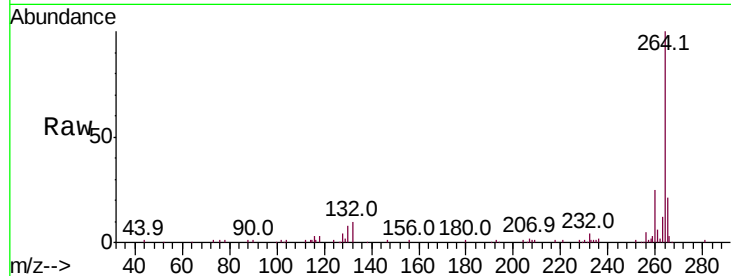
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Instrument :
BNA_G
ClientSampleId :
PB116618BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.0	25.6
265	21.1	17.2	25.8

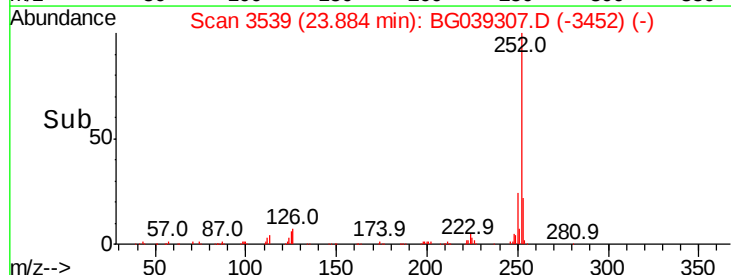
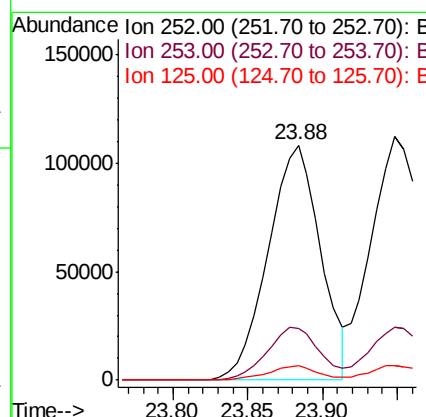
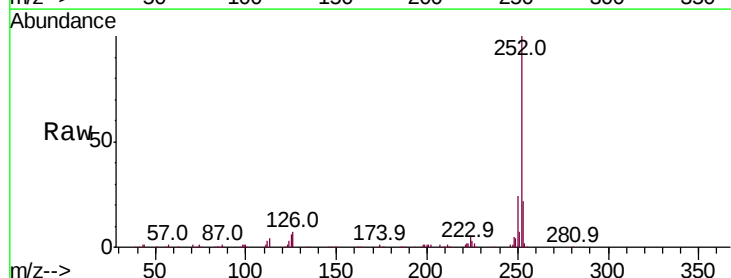
Manual Integrations
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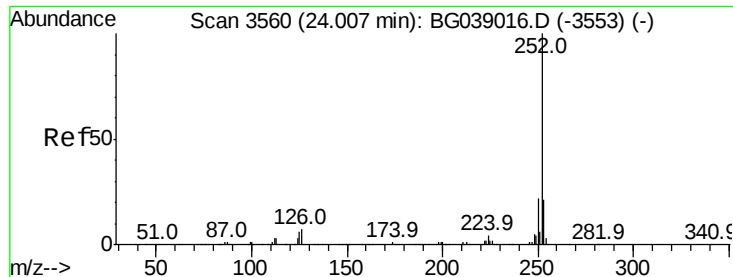
mohammad
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#88
Benzo(b)fluoranthene
Concen: 38.733 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.02 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	6.2	4.9	7.3





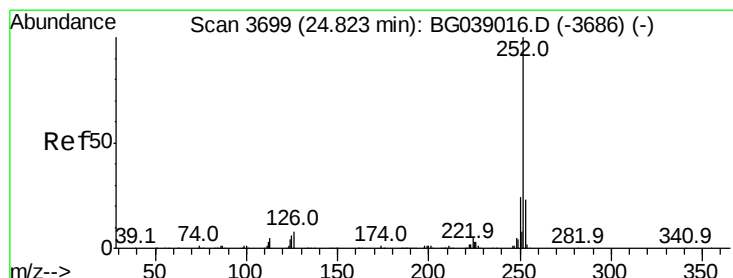
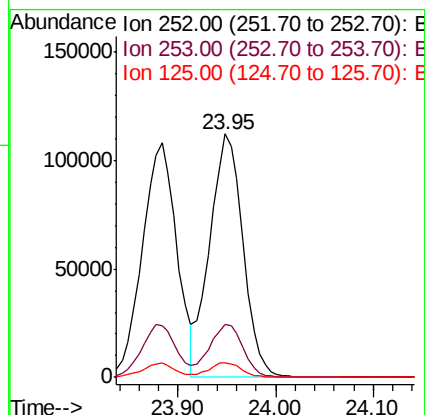
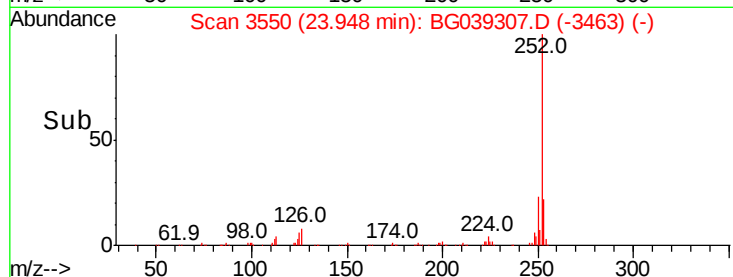
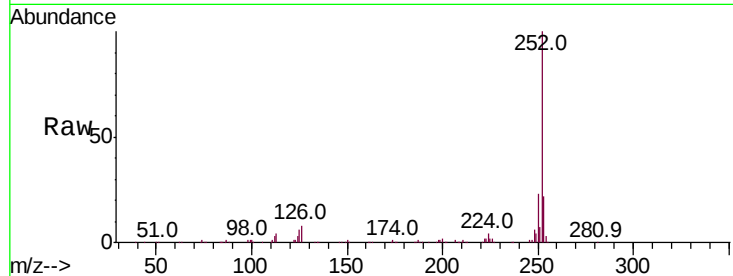
#89
Benzo(k)fluoranthene
Concen: 39.253 ng
RT: 23.95 min Scan# 3550
Delta R.T. -0.02 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Instrument :
BNA_G
ClientSampleId :
PB116618BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	5.7	4.6	7.0

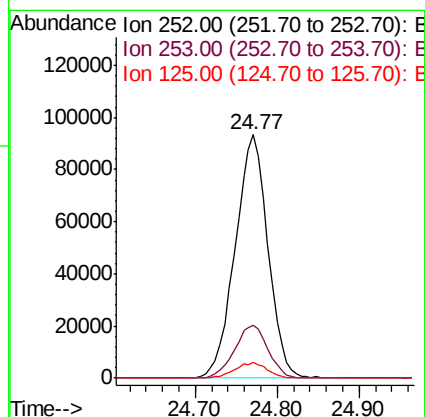
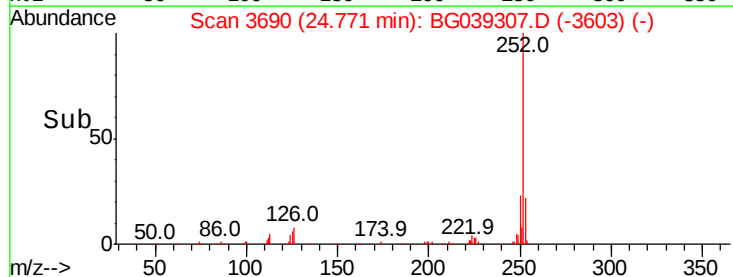
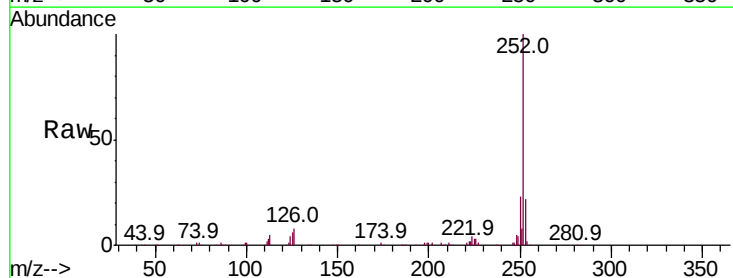
Manual Integrations
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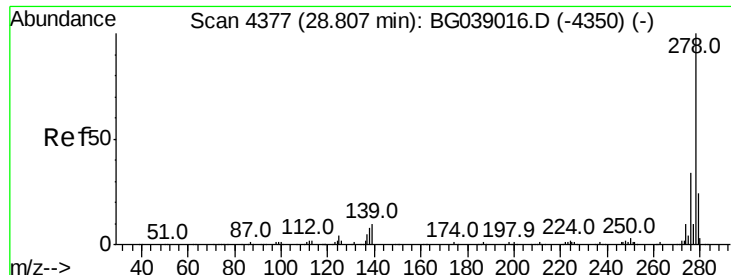
mohammad
1/29/2019 12:26:10 AM



#90
Benzo(a)pyrene
Concen: 39.268 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG039307.D
Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.3	27.5
125	6.4	4.9	7.3





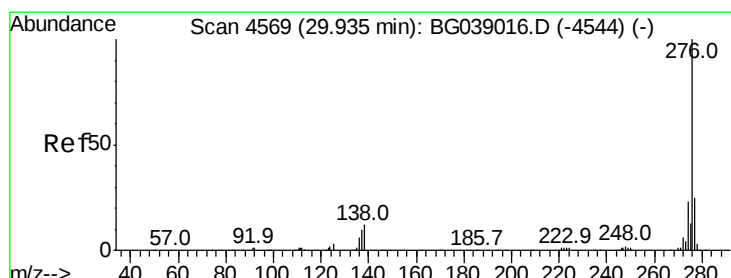
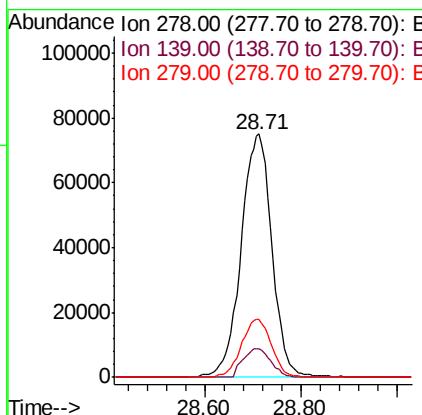
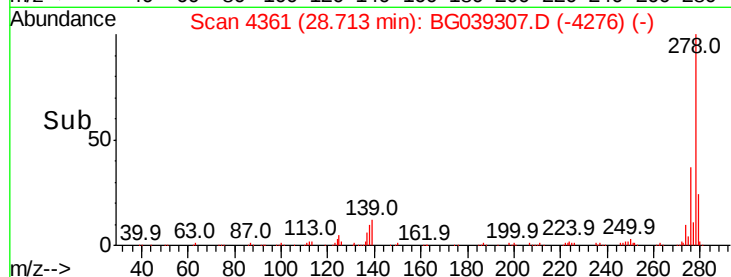
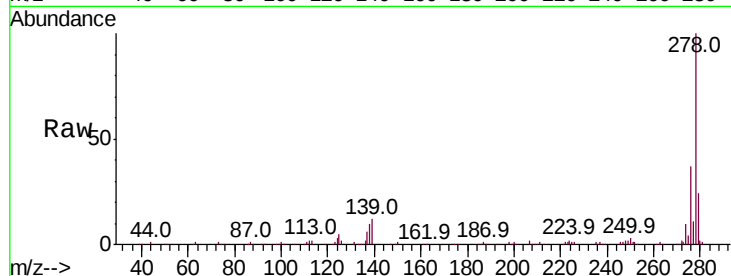
#91
 Dibenzo(a,h)anthracene
 Concen: 50.825 ng
 RT: 28.71 min Scan# 4361
 Delta R.T. -0.03 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.6	7.9	11.9
279	24.0	19.3	28.9

Manual Integrations
 APPROVED

mohammad
 1/29/2019 12:26:10 AM



#92
 Benzo(g,h,i)perylene
 Concen: 50.279 ng
 RT: 29.84 min Scan# 4552
 Delta R.T. -0.04 min
 Lab File: BG039307.D
 Acq: 26 Jan 2019 11:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	20.3	30.5
138	16.1	9.4	14.2#

