

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039308.D
 Acq On : 26 Jan 2019 12:21
 Operator : JU/SJ
 Sample : PB116618BSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BSD

Manual Integrations
 APPROVED

mohammad
 1/29/2019 12:26:14 AM

Quant Time: Jan 28 04:19:06 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	13266	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	62188	20.00	ng	-0.01
39) Acenaphthene-d10	14.65	164	38687	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	108024	20.00	ng	0.00
76) Chrysene-d12	21.67	240	115758	20.00	ng	-0.01
87) Perylene-d12	24.92	264	124093	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	58259	83.31	ng	0.00
7) Phenol-d6	7.17	99	84774	84.23	ng	0.00
23) Nitrobenzene-d5	9.18	82	71454	62.87	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	48531	74.84	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	205400	72.66	ng	0.00
79) Terphenyl-d14	20.00	244	405993	64.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	8201	29.946	ng	84
3) Pyridine	3.84	79	24671	33.154	ng	96
4) n-Nitrosodimethylamine	3.77	42	14831	44.291	ng	99
6) Aniline	7.33	93	15987	13.227	ng	97
8) 2-Chlorophenol	7.57	128	30132	36.552	ng	97
9) Benzaldehyde	7.15	77	6497	11.194	ng	# 83
10) Phenol	7.19	94	39746	39.391	ng	94
11) bis(2-Chloroethyl)ether	7.42	93	25001	32.419	ng	97
12) 1,3-Dichlorobenzene	7.89	146	31868	32.266	ng	96
13) 1,4-Dichlorobenzene	8.04	146	33057	33.047	ng	97
14) 1,2-Dichlorobenzene	8.36	146	31922	33.470	ng	99
15) Benzyl Alcohol	8.25	79	28673	37.832	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	50885	34.411	ng	98
17) 2-Methylphenol	8.45	107	28581	40.793	ng	98
18) Hexachloroethane	9.08	117	11640	34.252	ng	92
19) n-Nitroso-di-n-propylamine	8.81	70	22082	33.413	ng	# 97
20) 3+4-Methylphenols	8.78	107	37756	37.797	ng	96
22) Acetophenone	8.84	105	45070	27.752	ng	# 97
24) Nitrobenzene	9.22	77	33420	29.093	ng	95
25) Isophorone	9.74	82	75893	38.767	ng	98
26) 2-Nitrophenol	9.94	139	19835	31.923	ng	93
27) 2,4-Dimethylphenol	9.98	122	34267	39.200	ng	92
28) bis(2-Chloroethoxy)methane	10.22	93	39549	33.614	ng	100
29) 2,4-Dichlorophenol	10.47	162	37332	34.376	ng	95
30) 1,2,4-Trichlorobenzene	10.68	180	39698	30.424	ng	96
31) Naphthalene	10.87	128	108770	34.873	ng	98
32) Benzoic acid	10.19	122	6111m	18.577	ng	
33) 4-Chloroaniline	10.99	127	12511	8.964	ng	98
34) Hexachlorobutadiene	11.13	225	26415	29.421	ng	98
35) Caprolactam	11.77	113	14291m	32.817	ng	
36) 4-Chloro-3-methylphenol	12.11	107	46785	40.279	ng	88
37) 2-Methylnaphthalene	12.47	142	83090	35.532	ng	100
38) 1-Methylnaphthalene	12.69	142	77628	34.585	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	50189	34.544	ng	98

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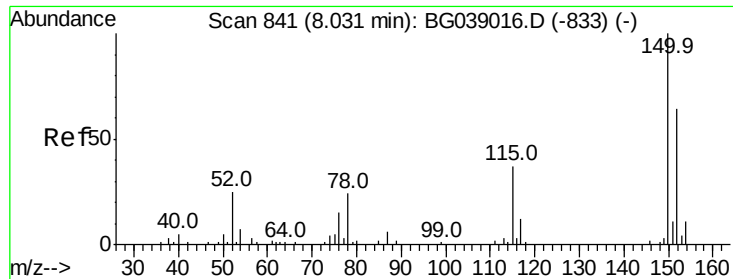
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	53420	66.337	nq	99
43) 2,4,6-Trichlorophenol	13.08	196	32918	35.998	nq	98
44) 2,4,5-Trichlorophenol	13.16	196	36526	37.793	nq	96
46) 1,1'-Biphenyl	13.48	154	104335	34.036	nq	99
47) 2-Chloronaphthalene	13.53	162	84041	33.878	nq	97
48) 2-Nitroaniline	13.74	65	25844	37.187	nq	93
49) Acenaphthylene	14.37	152	138242	37.076	nq	99
50) Dimethylphthalate	14.10	163	118993	36.398	nq	98
51) 2,6-Dinitrotoluene	14.23	165	27099	37.076	nq	95
52) Acenaphthene	14.71	154	79423	35.453	nq	98
53) 3-Nitroaniline	14.57	138	9334	12.589	nq #	95
54) 2,4-Dinitrophenol	14.78	184	16126	39.804	nq	96
55) Dibenzofuran	15.04	168	141729	35.822	nq	98
56) 4-Nitrophenol	14.88	139	39108	73.304	nq	98
57) 2,4-Dinitrotoluene	15.02	165	39211	37.393	nq #	95
58) Fluorene	15.69	166	115082	38.642	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	35076	38.447	nq #	99
60) Diethylphthalate	15.45	149	128794	38.237	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	67130	35.779	nq	98
62) 4-Nitroaniline	15.73	138	27722	35.890	nq	93
63) Azobenzene	15.98	77	96408	36.600	nq	96
65) 4,6-Dinitro-2-methylphenol	15.78	198	20346	25.423	nq	98
66) n-Nitrosodiphenylamine	15.90	169	106100	33.132	nq	97
67) 4-Bromophenyl-phenylether	16.57	248	46731	33.653	nq	96
68) Hexachlorobenzene	16.69	284	51810	34.193	nq	98
69) Atrazine	16.84	200	48351	35.541	nq	97
70) Pentachlorophenol	17.04	266	40801	46.222	nq	99
71) Phenanthrene	17.44	178	211785	37.091	nq	99
72) Anthracene	17.53	178	218852	38.766	nq	100
73) Carbazole	17.81	167	197417	35.423	nq	99
74) Di-n-butylphthalate	18.33	149	237056	38.235	nq	99
75) Fluoranthene	19.45	202	325232	45.947	nq	99
77) Benzidine	19.64	184	56734	16.024	nq	99
78) Pyrene	19.81	202	302119	40.954	nq	99
80) Butylbenzylphthalate	20.68	149	104650	37.298	nq	99
81) Benzo(a)anthracene	21.65	228	274133	38.902	nq	98
82) 3,3'-Dichlorobenzidine	21.56	252	42650	14.855	nq	99
83) Chrysene	21.72	228	256278	38.238	nq	100
84) Bis(2-ethylhexyl)phthalate	21.52	149	144768	37.159	nq	95
85) Di-n-octyl phthalate	22.72	149	252226	38.288	nq	100
86) Indeno(1,2,3-cd)pyrene	28.66	276	394682	49.284	nq #	92
88) Benzo(b)fluoranthene	23.88	252	279871	40.902	nq	100
89) Benzo(k)fluoranthene	23.95	252	273362	40.406	nq	98
90) Benzo(a)pyrene	24.77	252	264142	39.938	nq	99
91) Dibenzo(a,h)anthracene	28.71	278	324696	49.357	nq	99
92) Benzo(g,h,i)perylene	29.83	276	264406	40.599	nq	97

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



#1

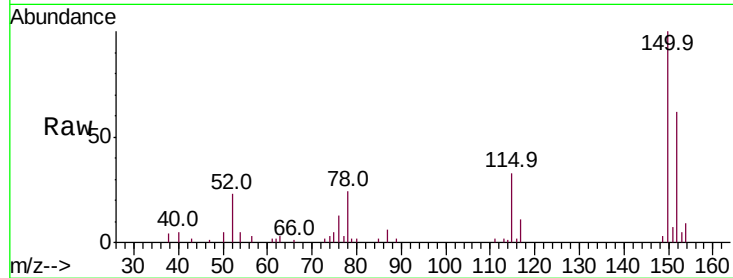
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.6	124.7	187.1
115	53.8	46.5	69.7

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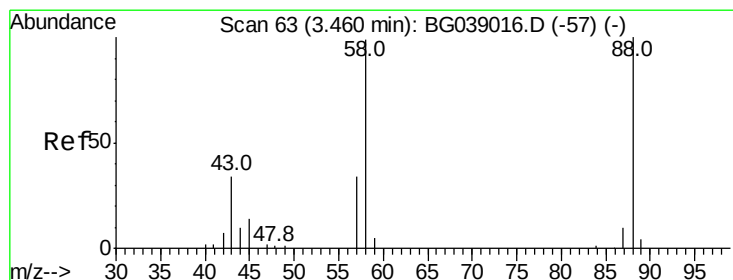
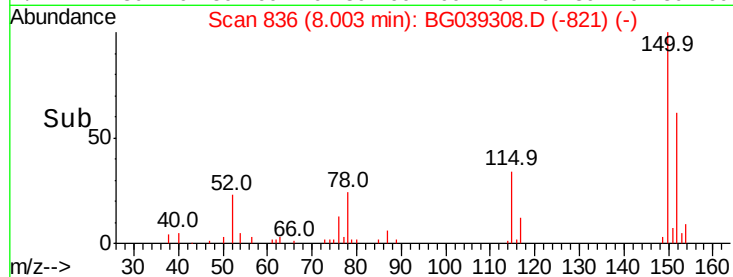
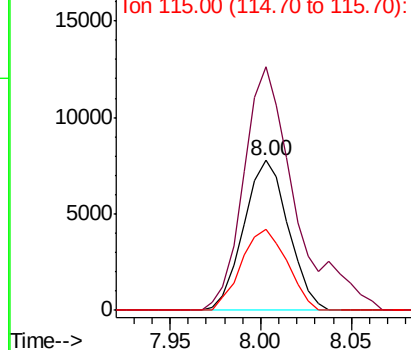


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

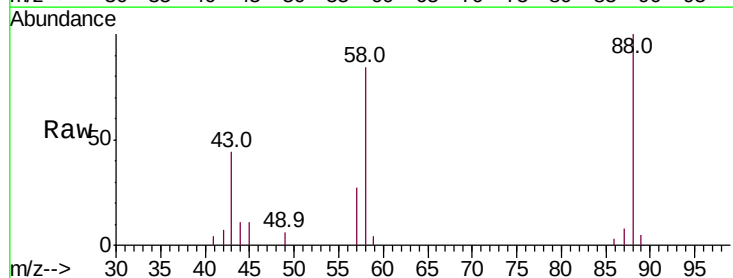
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.946 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	108.5	72.4	108.6
43	39.1	27.6	41.4

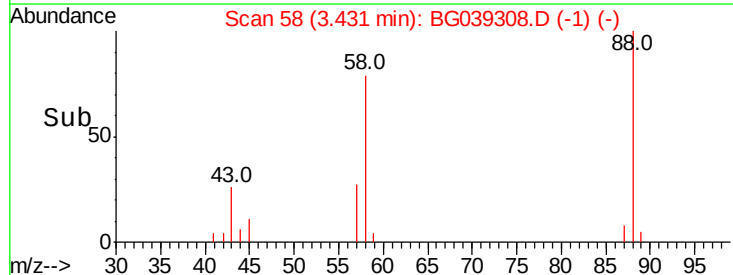
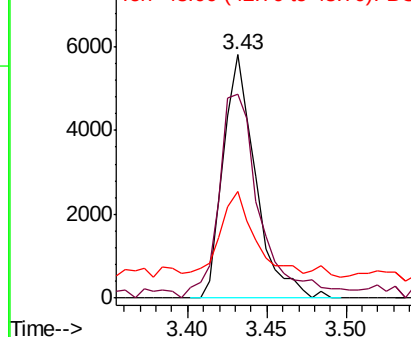


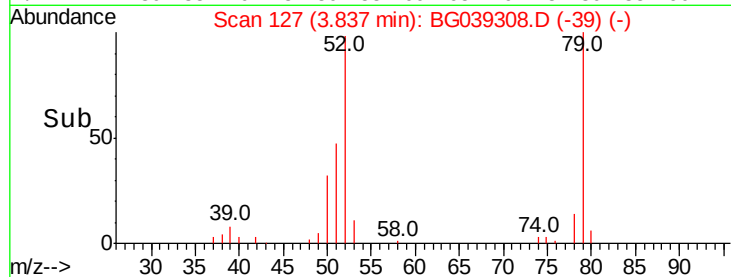
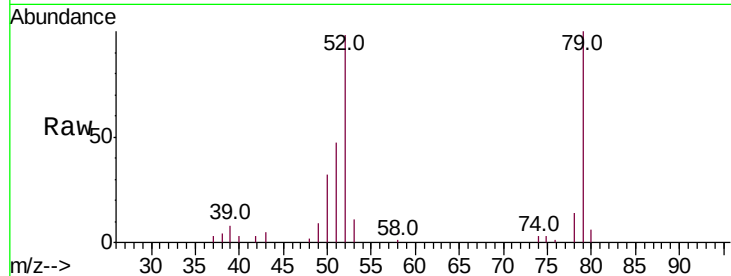
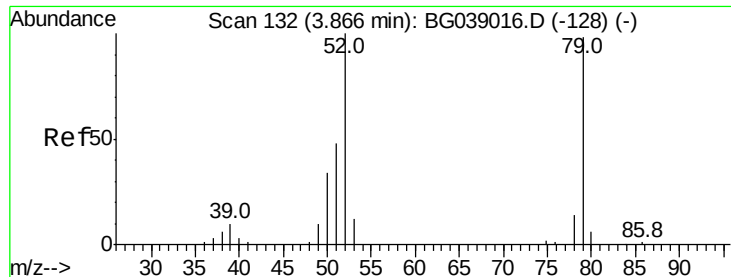
Abundance

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





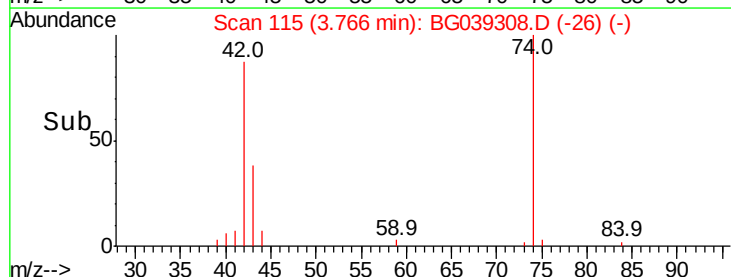
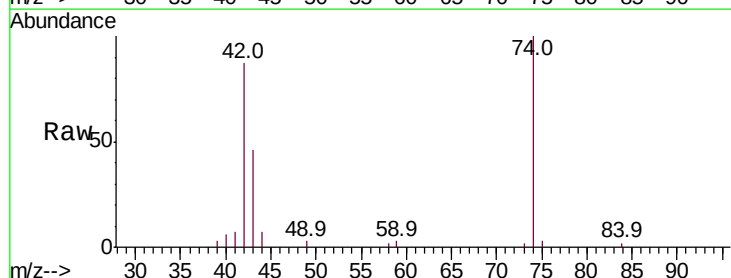
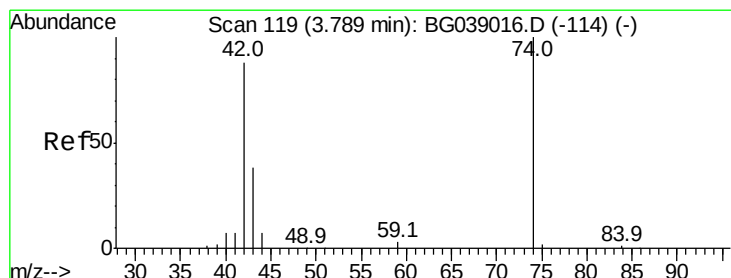
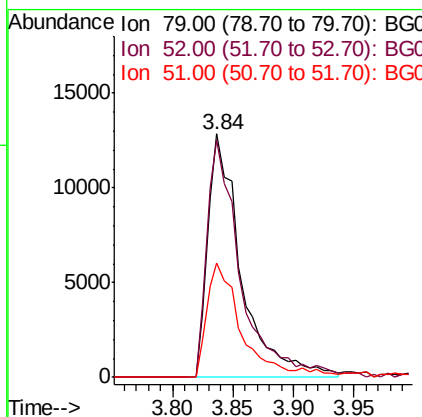
#3
 Pvridine
 Concen: 33.154 ng
 RT: 3.84 min Scan# 127
 Delta R.T. -0.01 min
 Lab File: BG039308.D
 Acq: 26 Jan 2019 12:21

Tot Ion:	79	Resp:	24671
Ion	Ratio	Lower	Upper
79	100		
52	97.6	81.5	122.3
51	47.0	39.8	59.6

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BSD

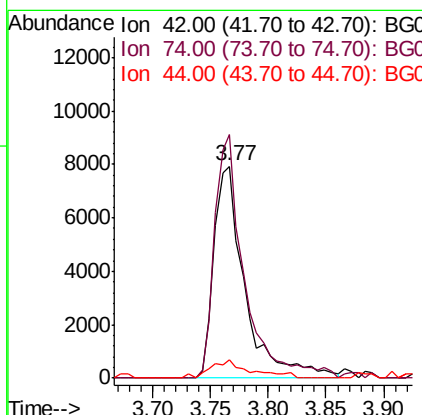
Manual Integrations
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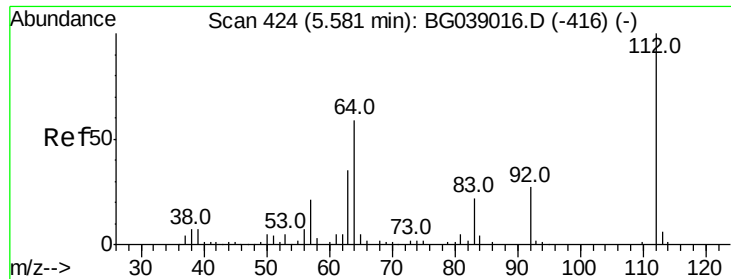
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#4
 n-Nitrosodimethylamine
 Concen: 44.291 ng
 RT: 3.77 min Scan# 115
 Delta R.T. -0.01 min
 Lab File: BG039308.D
 Acq: 26 Jan 2019 12:21

Tgt Ion:	42	Resp:	14831
Ion	Ratio	Lower	Upper
42	100		
74	114.8	90.7	136.1
44	8.6	6.5	9.7





#5

2-Fluorophenol

Concen: 83.308 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA_G

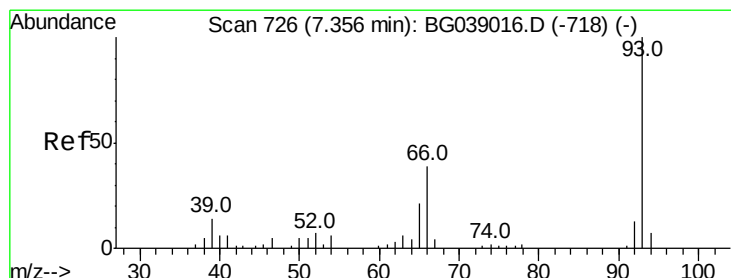
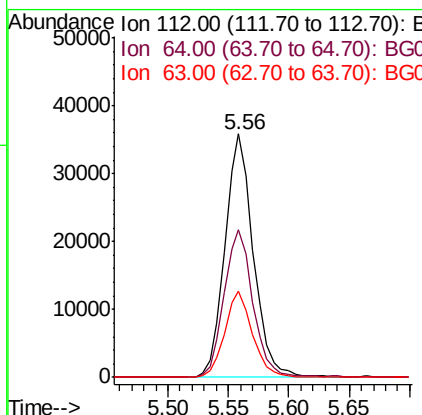
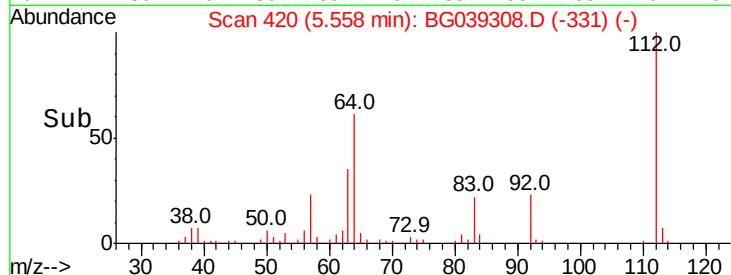
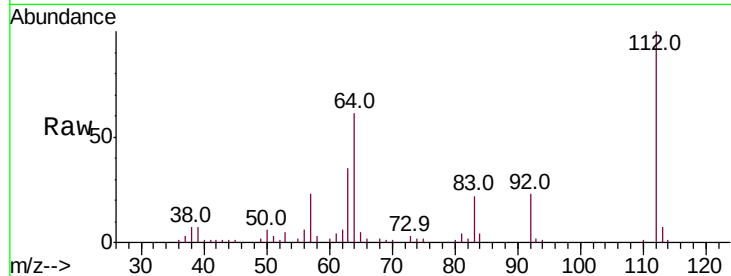
ClientSampleId :

PB116618BSD

Tot Ion:	112	Resp:	58259
Ion Ratio	Lower	Upper	
112	100		
64	60.6	47.0	70.6
63	35.5	28.0	42.0

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#6

Aniline

Concen: 13.227 ng

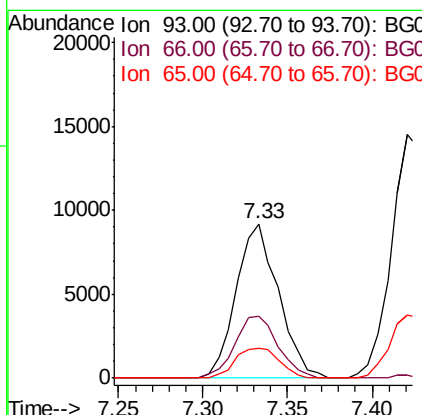
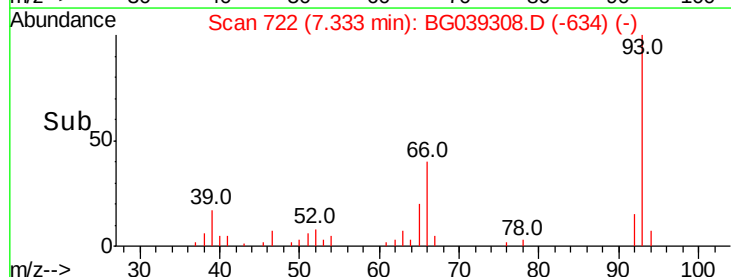
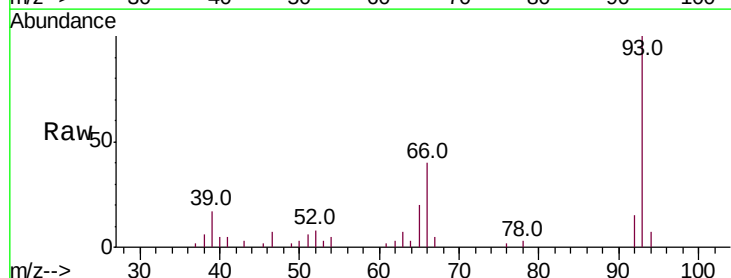
RT: 7.33 min Scan# 722

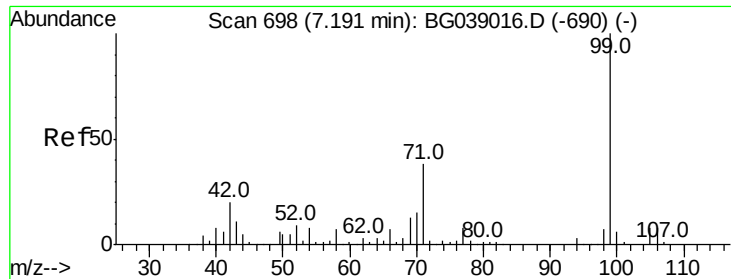
Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Tgt Ion:	93	Resp:	15987
Ion Ratio	Lower	Upper	
93	100		
66	39.8	30.9	46.3
65	19.5	17.0	25.4





#7

Phenol-d6

Concen: 84.234 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA_G

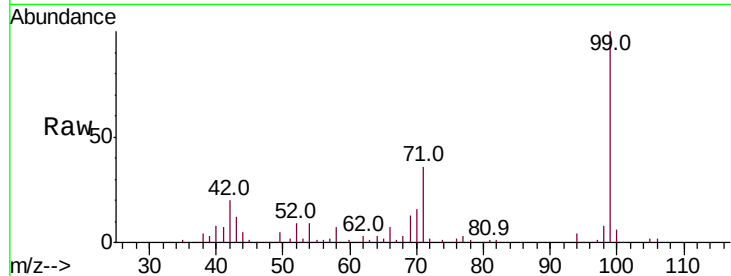
ClientSampleId :

PB116618BSD

Tot Ion:	99	Resp:	84774
Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.8	23.6
71	36.3	30.2	45.4

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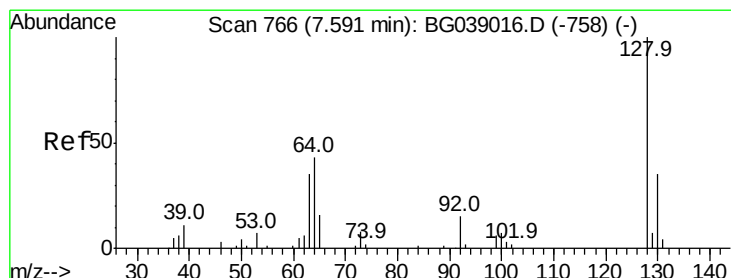
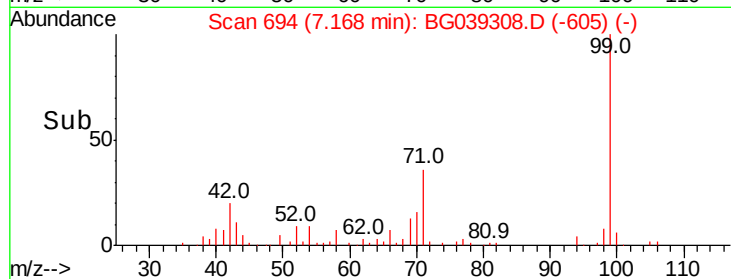
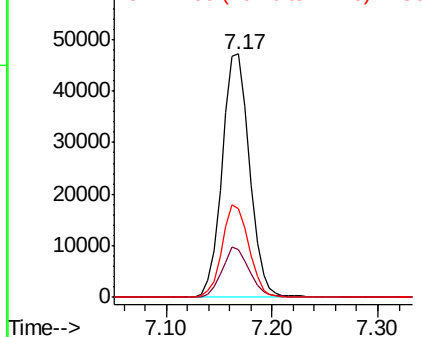


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 36.552 ng

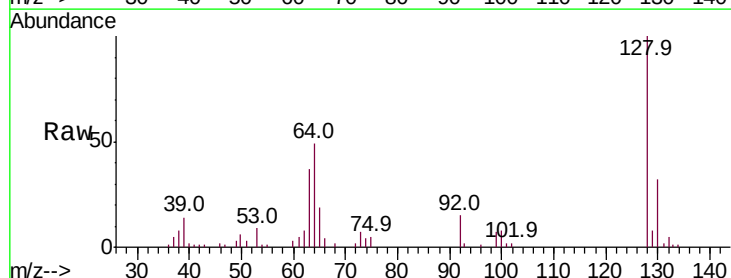
RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Tgt Ion:	128	Resp:	30132
Ion	Ratio	Lower	Upper
128	100		
130	31.7	14.5	54.5
64	48.6	27.3	67.3

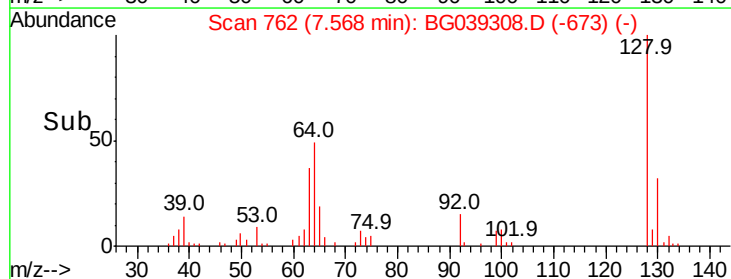
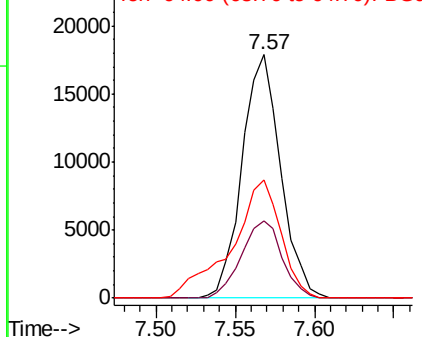


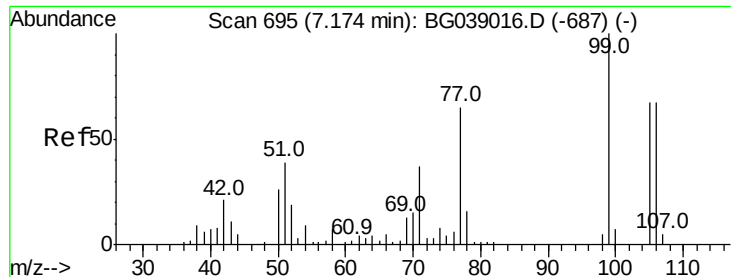
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 11.194 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA_G

ClientSampleID :

PB116618BSD

Tot Ion: 77 Resp: 6497

Ion Ratio Lower Upper

77 100

105 88.9 82.4 122.4

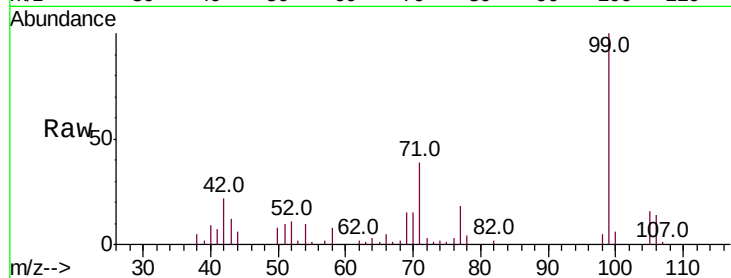
106 81.6 82.8 122.8#

Manual Integrations

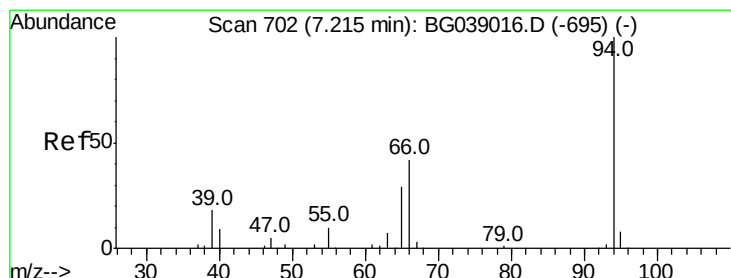
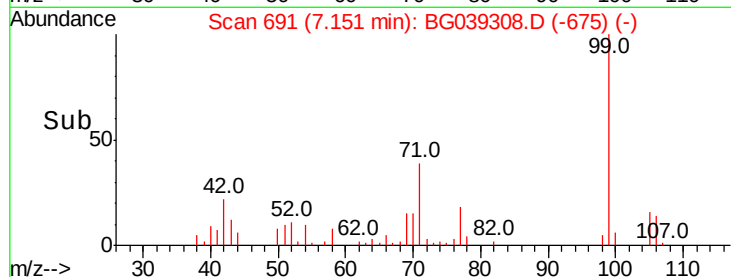
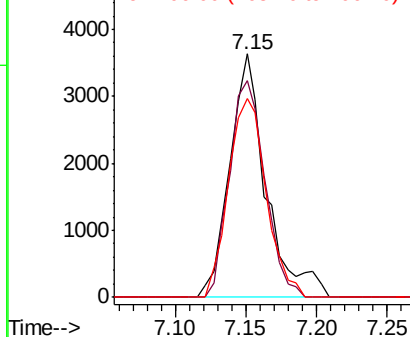
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.391 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

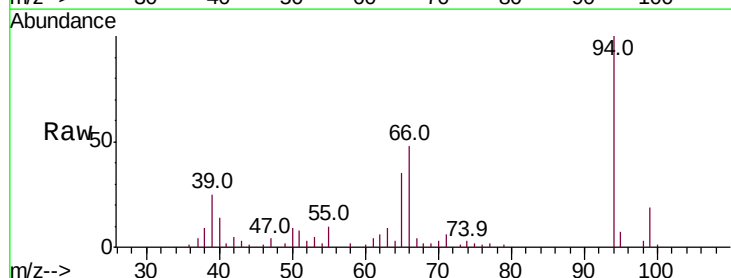
Tgt Ion: 94 Resp: 39746

Ion Ratio Lower Upper

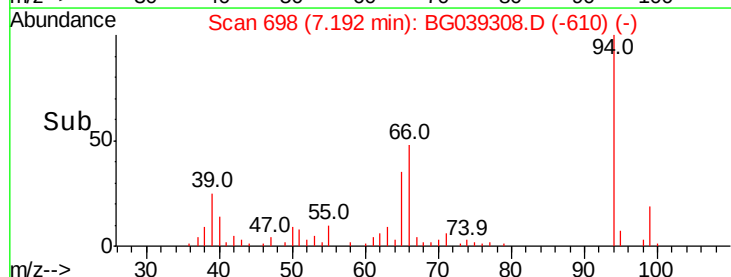
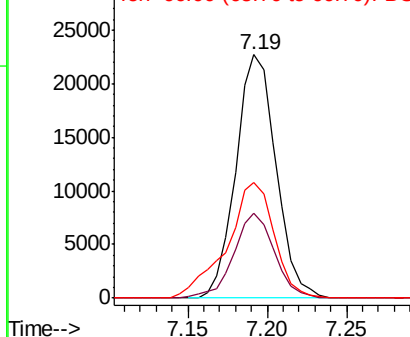
94 100

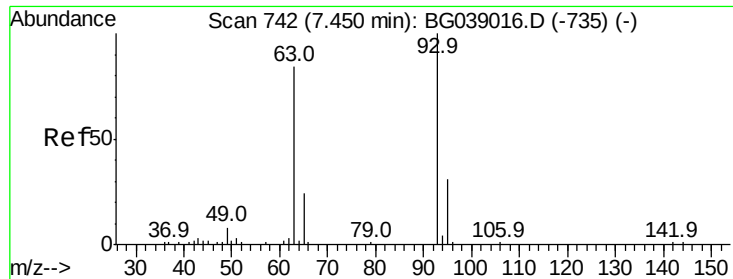
65 35.0 10.3 50.3

66 47.7 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





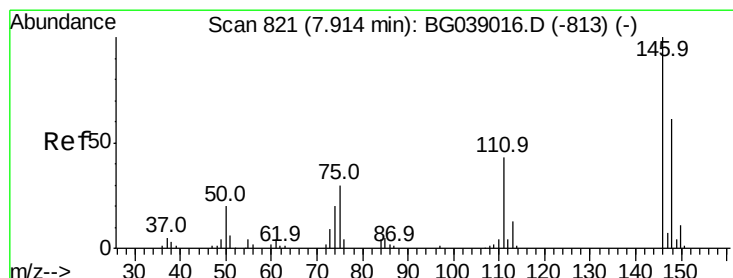
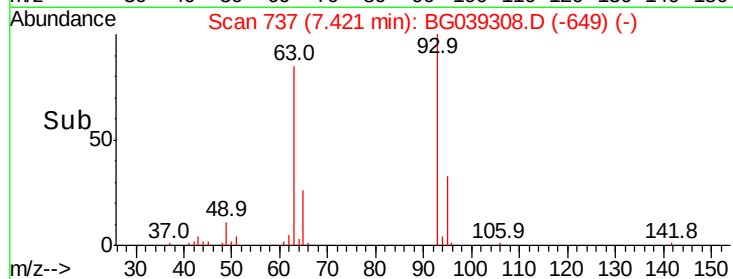
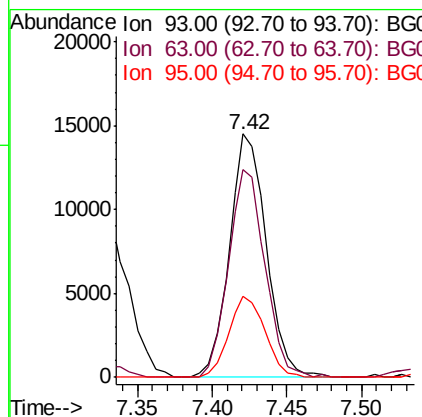
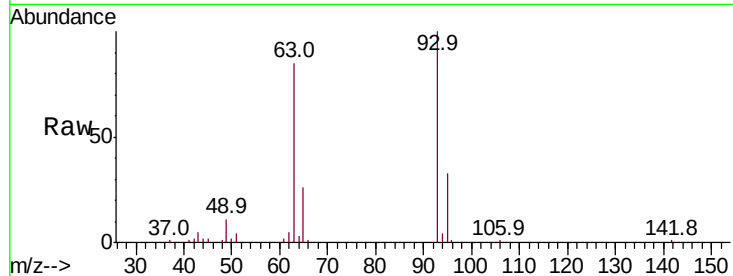
#11
bis(2-Chloroethyl)ether
Concen: 32.419 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.3	63.2	103.2
95	33.1	11.2	51.2

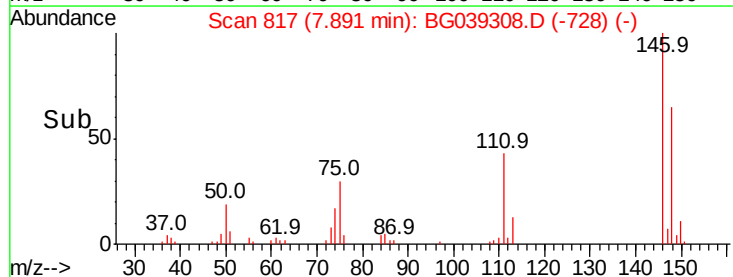
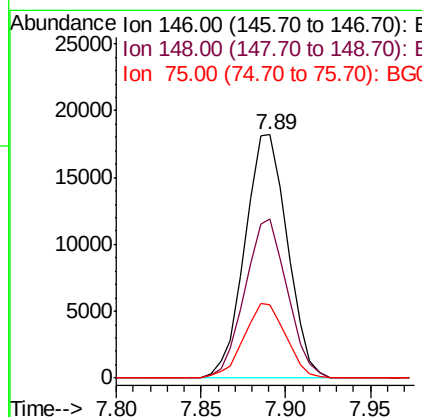
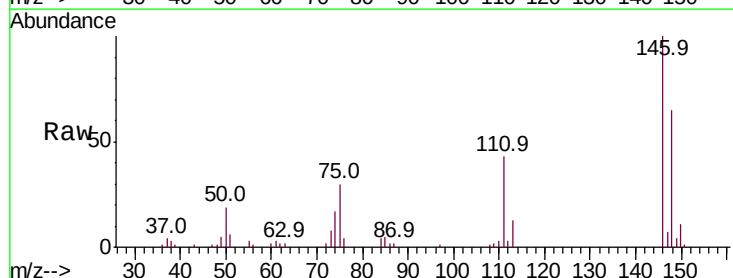
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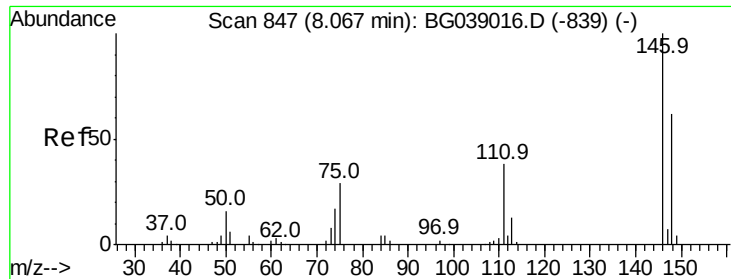
mohammad
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#12
1,3-Dichlorobenzene
Concen: 32.266 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	49.1	73.7
75	30.2	23.9	35.9





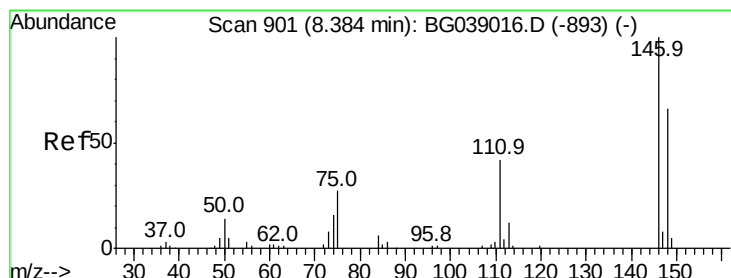
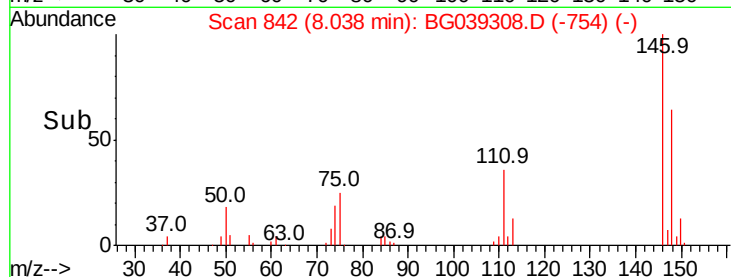
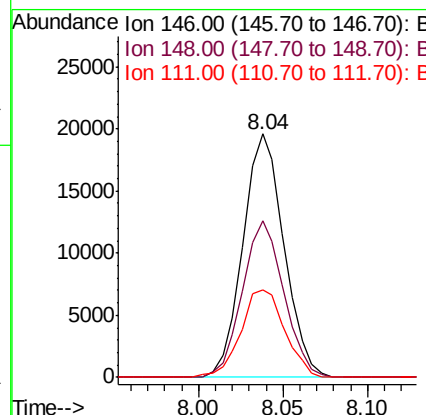
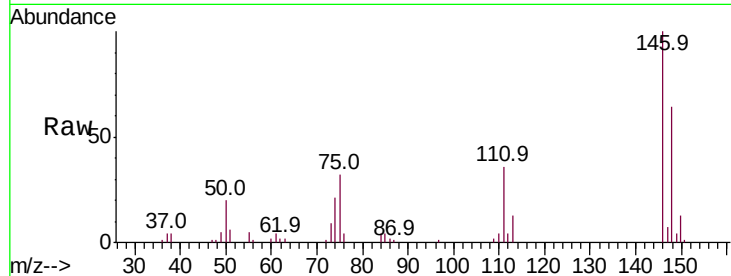
#13
 1,4-Dichlorobenzene
 Concen: 33.047 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG039308.D
 Acq: 26 Jan 2019 12:21

Instrument :
 BNA_G
 ClientSampleID :
 PB116618BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	49.8	74.6
111	36.0	30.6	45.8

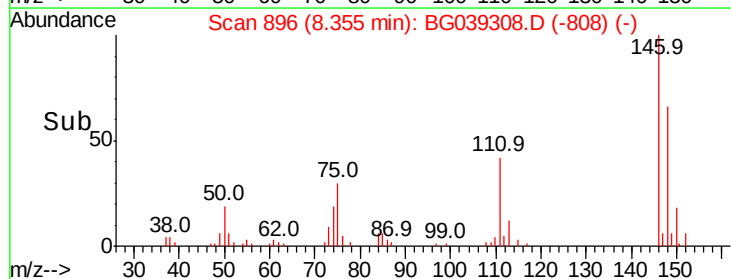
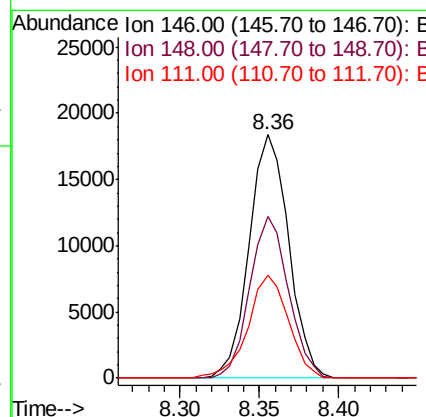
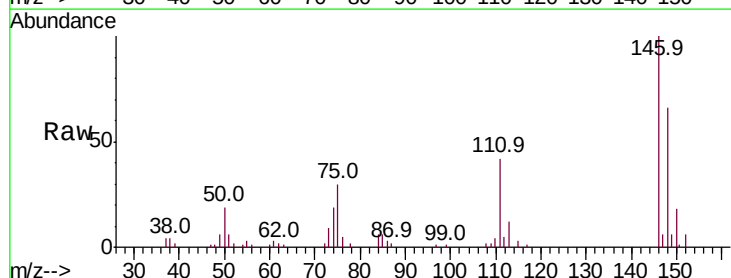
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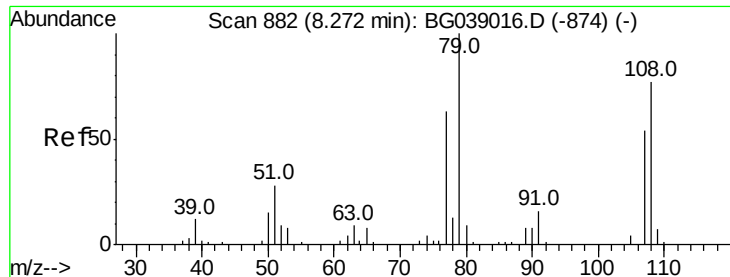
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#14
 1,2-Dichlorobenzene
 Concen: 33.470 ng
 RT: 8.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG039308.D
 Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.6	79.0
111	42.5	34.6	51.8





#15

Benzyl Alcohol

Concen: 37.832 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA_G

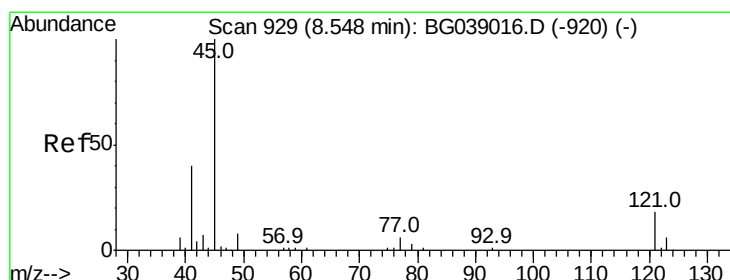
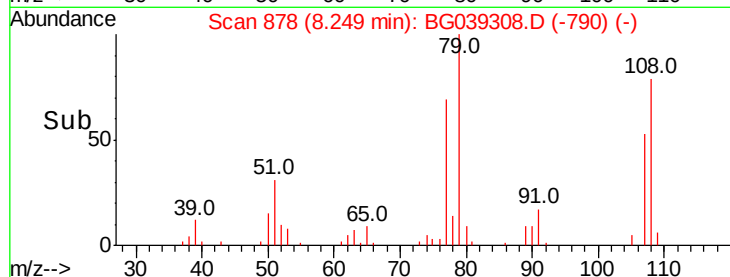
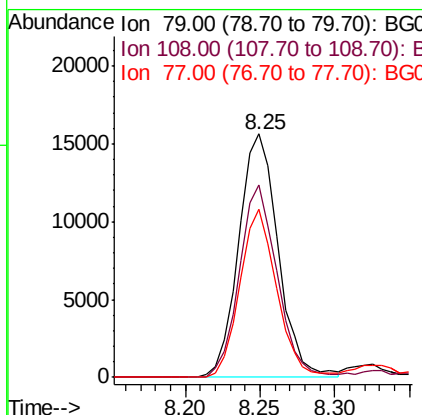
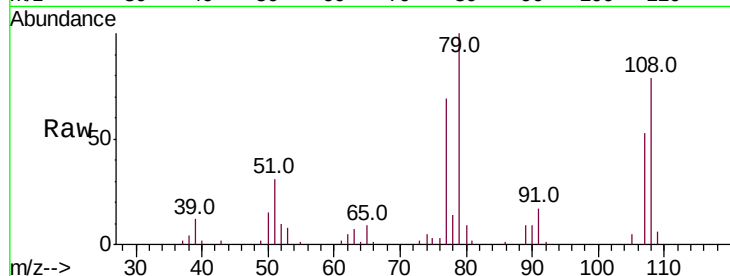
ClientSampleId :

PB116618BSD

Tot Ion:	79	Resp:	28673
Ion Ratio	Lower	Upper	
79	100		
108	78.8	62.0	93.0
77	68.8	50.1	75.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.411 ng

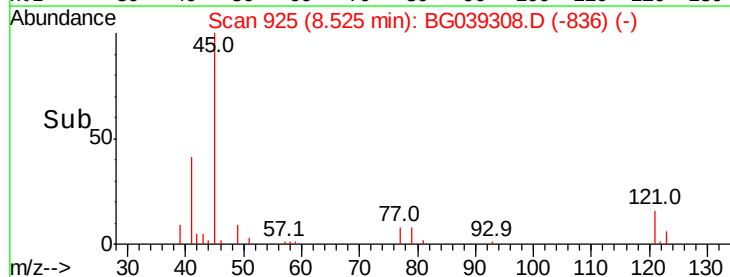
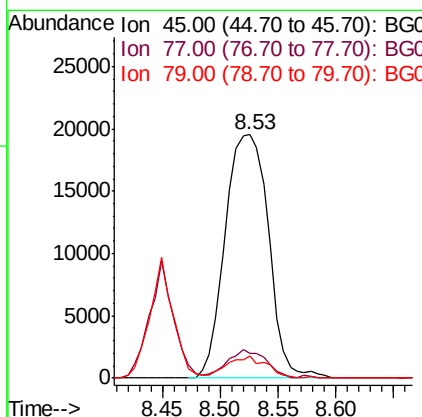
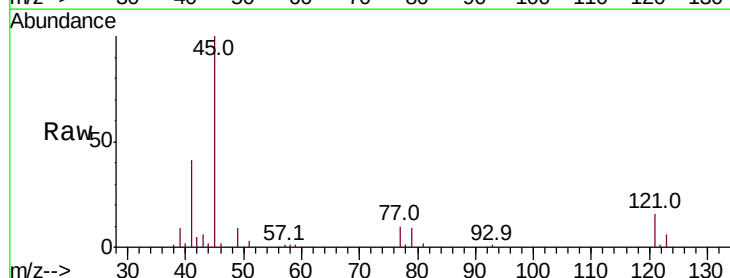
RT: 8.53 min Scan# 925

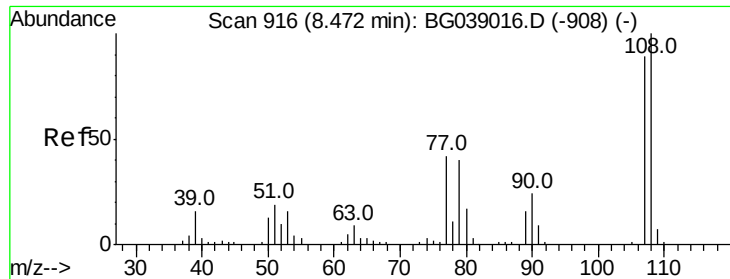
Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Tgt Ion:	45	Resp:	50885
Ion Ratio	Lower	Upper	
45	100		
77	10.1	0.0	30.7
79	9.2	0.0	28.5





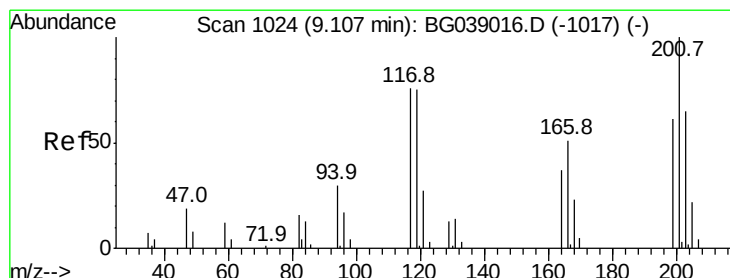
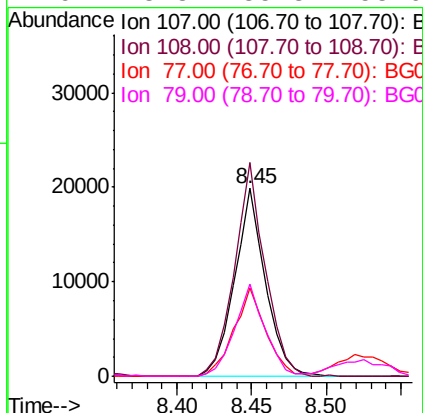
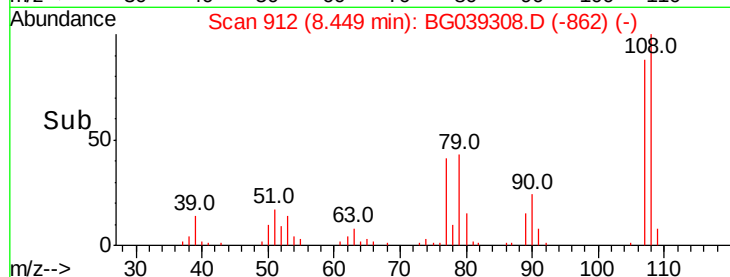
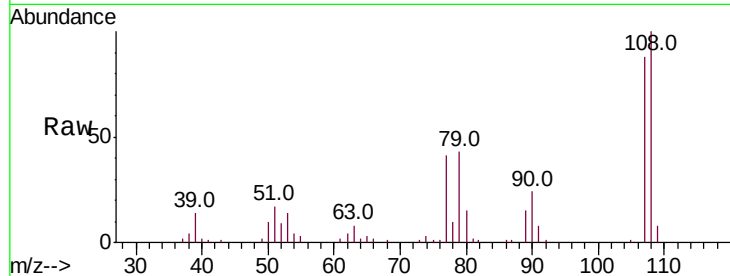
#17
2-Methylphenol
Concen: 40.793 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

Tot Ion:	107	Resp:	28581
Ion Ratio	Lower	Upper	
107	100		
108	113.7	90.3	135.5
77	47.1	38.3	57.5
79	48.8	35.8	53.6

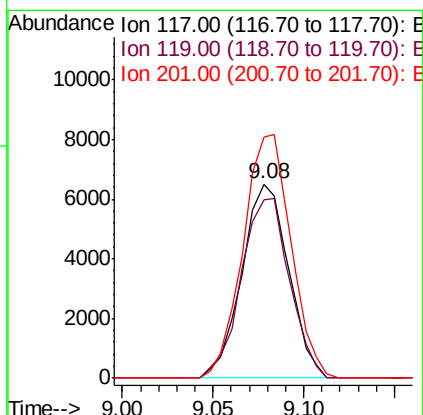
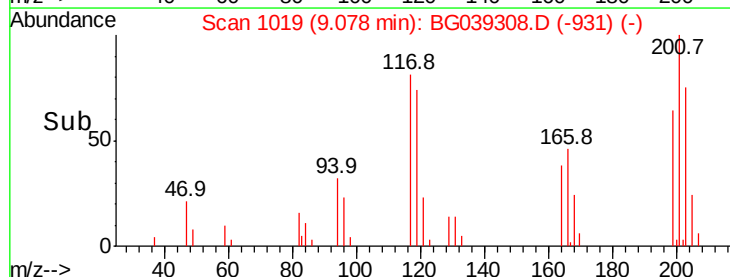
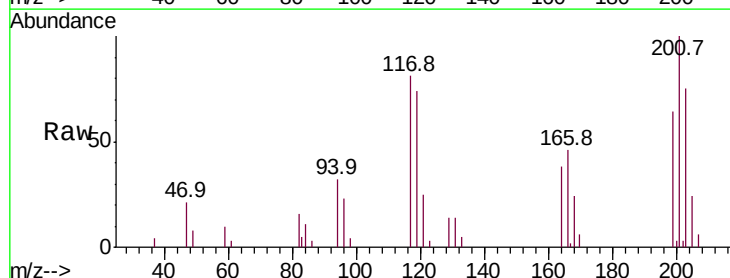
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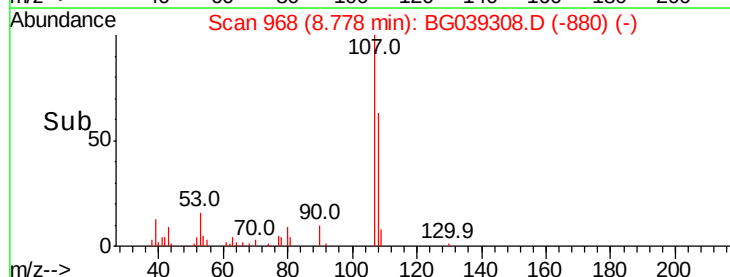
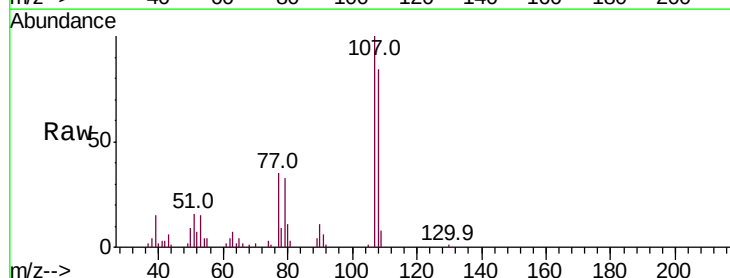
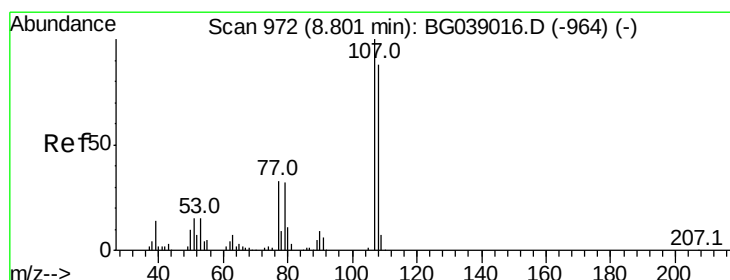
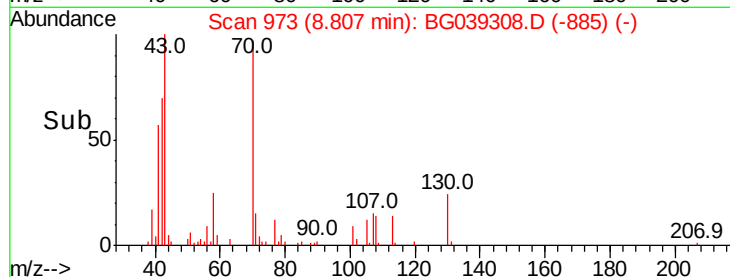
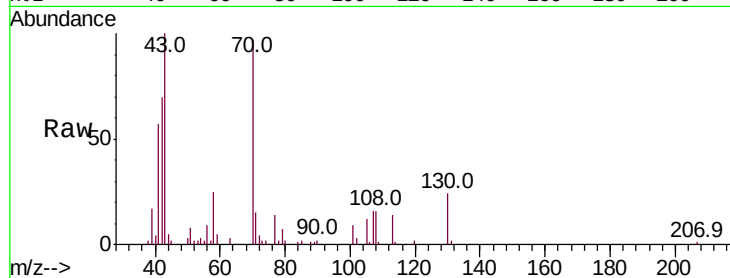
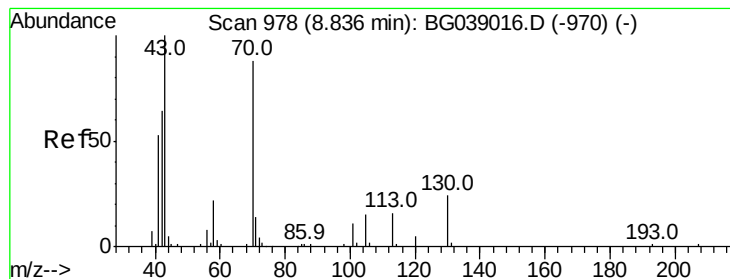
mohammad
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#18
Hexachloroethane
Concen: 34.252 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion:	117	Resp:	11640
Ion Ratio	Lower	Upper	
117	100		
119	91.6	78.7	118.1
201	124.1	108.1	162.1





#19

n-Nitroso-di-n-propylamine

Concen: 33.413 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA_G

ClientSampleId :

PB116618BSD

Tot Ion: 70 Resp: 22082

Ion Ratio Lower Upper

70 100

42 72.2 59.0 88.4

101 9.0 10.4 15.6#

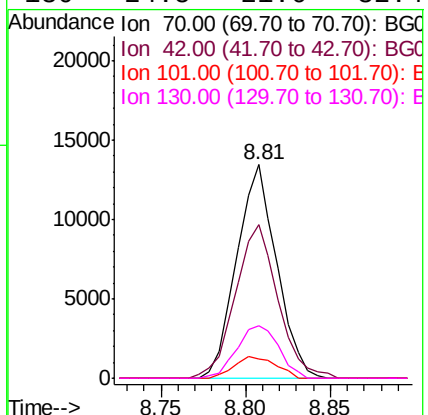
130 24.5 21.6 32.4

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#20

3+4-Methylphenols

Concen: 37.797 ng

RT: 8.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Tgt Ion: 107 Resp: 37756

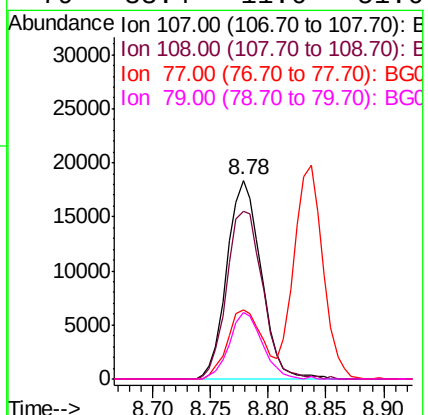
Ion Ratio Lower Upper

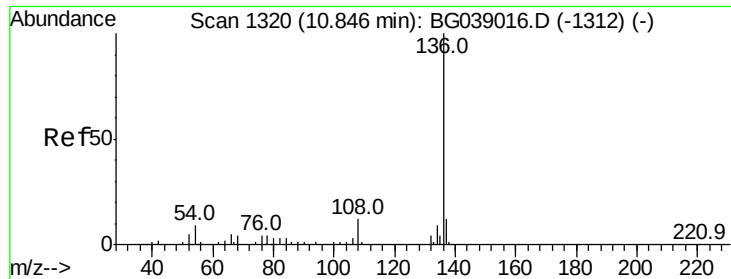
107 100

108 84.0 68.4 108.4

77 34.7 13.3 53.3

79 33.4 11.6 51.6





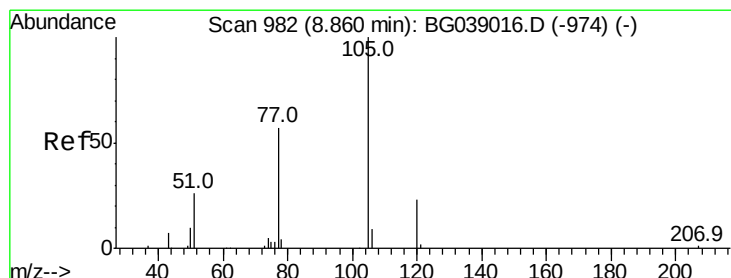
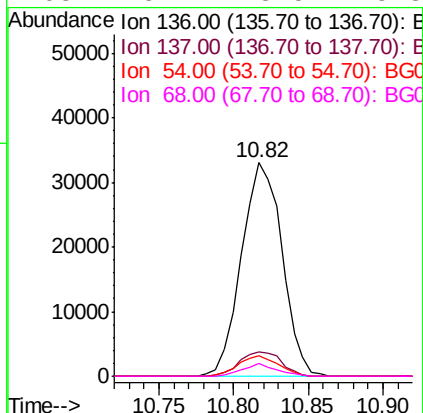
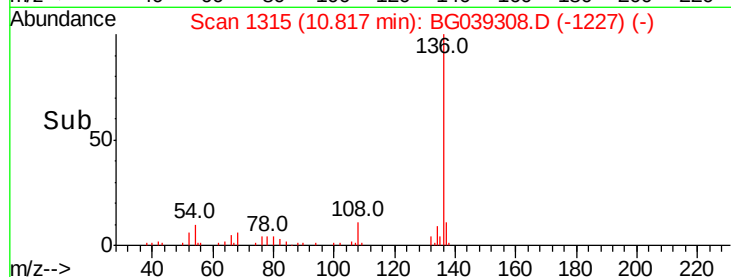
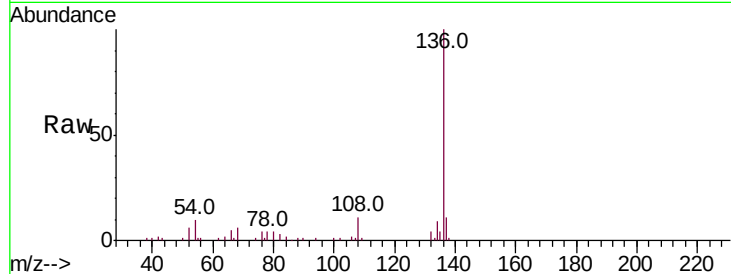
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	62188		
137	11.4		9.4	14.2
54	9.8		7.2	10.8
68	5.7		3.5	5.3#

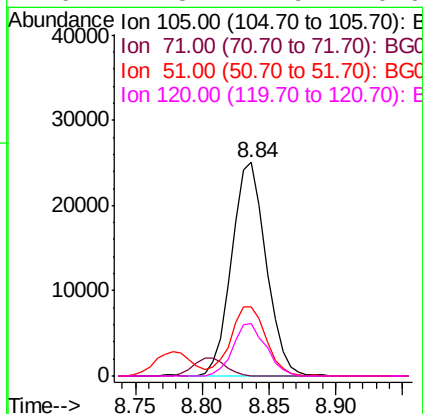
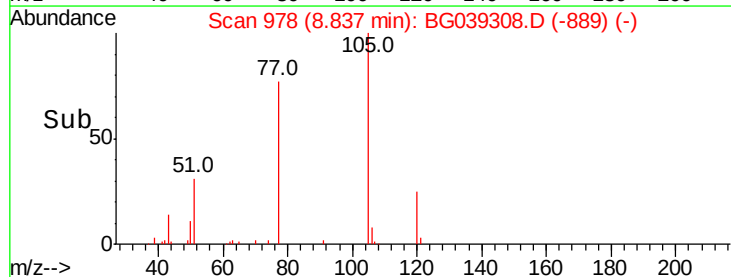
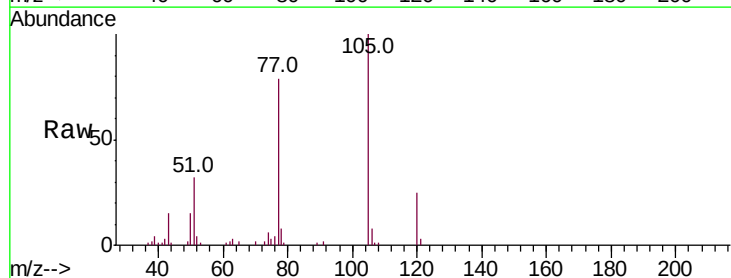
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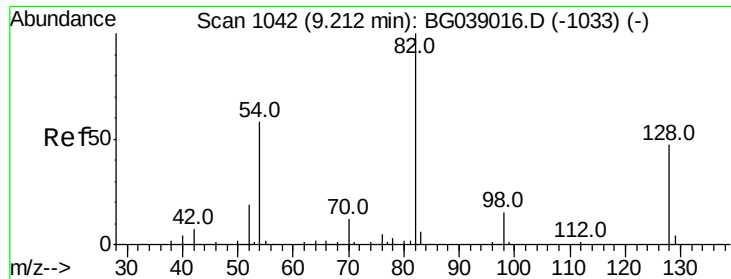
mohammad
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#22
Acetophenone
Concen: 27.752 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	45070		
71	0.0		0.6	1.0#
51	32.4		26.6	39.8
120	24.8		17.9	26.9





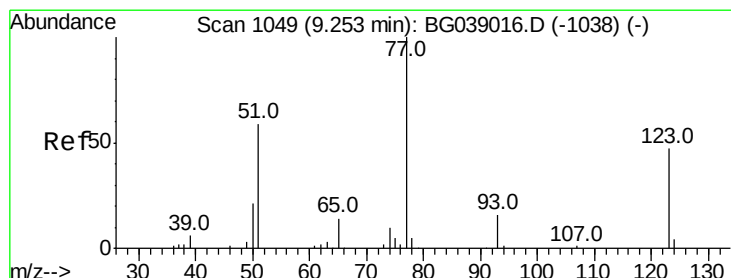
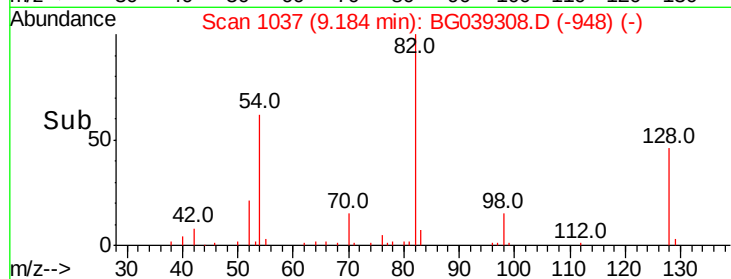
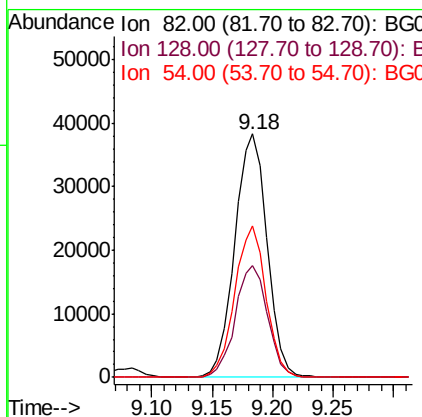
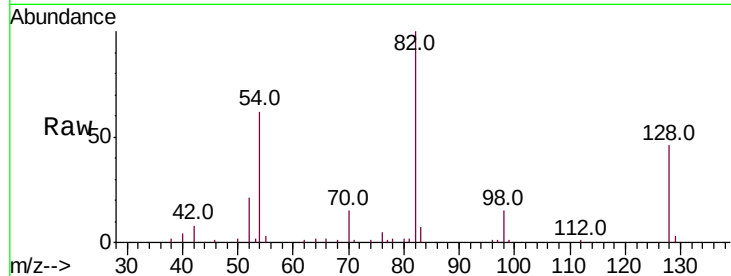
#23
Nitrobenzene-d5
Concen: 62.873 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.3	55.9
54	62.1	46.4	69.6

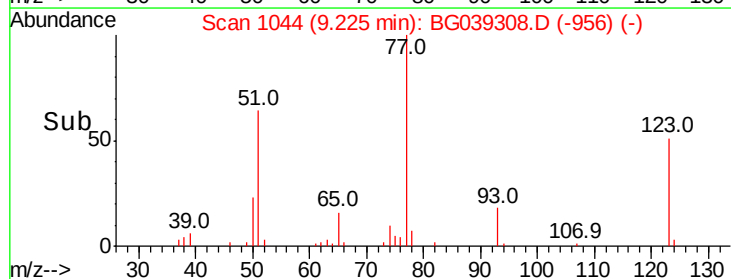
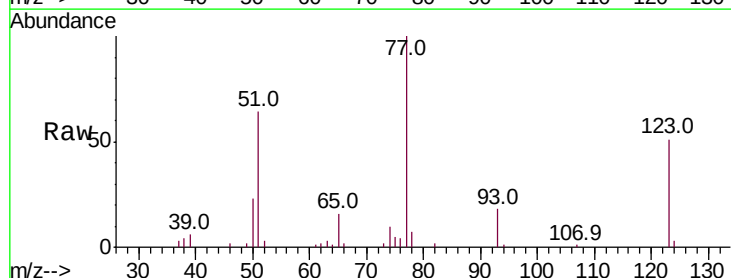
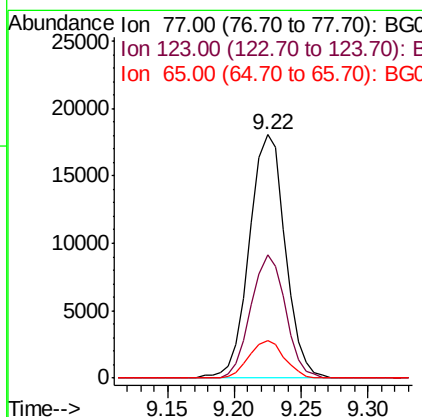
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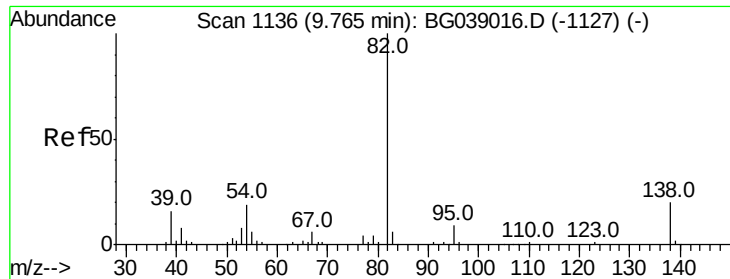
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#24
Nitrobenzene
Concen: 29.093 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.6	37.6	56.4
65	15.6	11.0	16.6





#25

Isophorone

Concen: 38.767 ng

RT: 9.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA_G

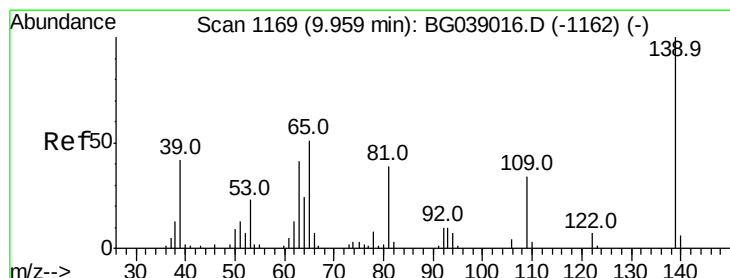
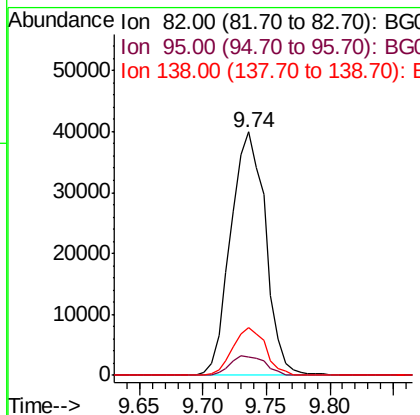
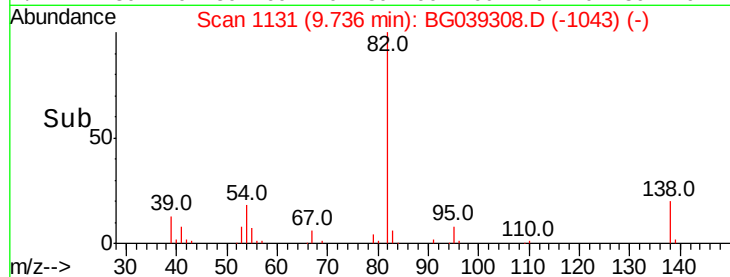
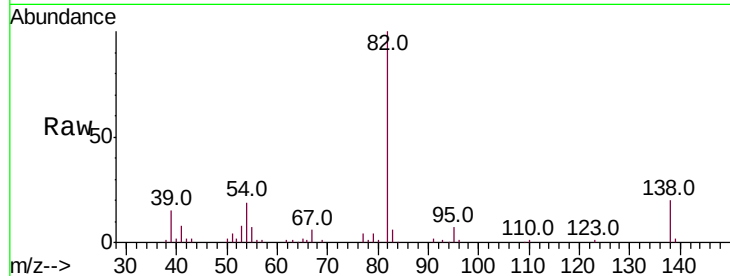
ClientSampleId :

PB116618BSD

Tot Ion:	82	Resp:	75893
Ion	Ratio	Lower	Upper
82	100		
95	7.4	7.0	10.6
138	19.8	16.2	24.4

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#26

2-Nitrophenol

Concen: 31.923 ng

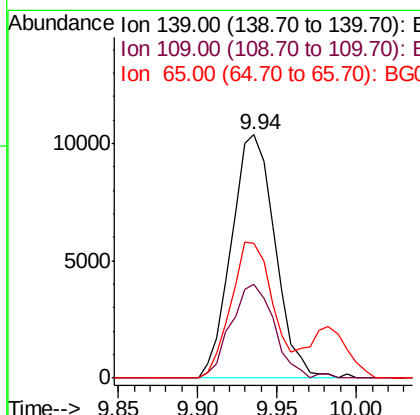
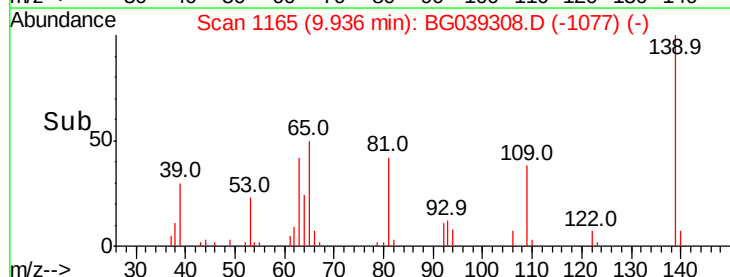
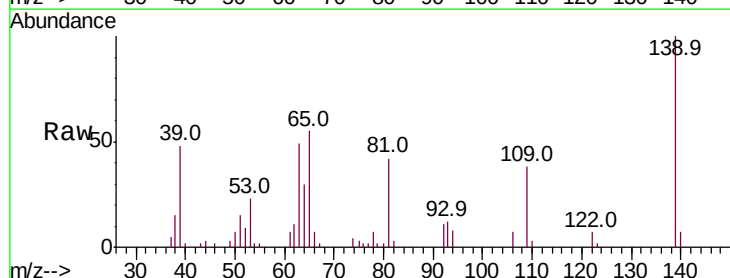
RT: 9.94 min Scan# 1165

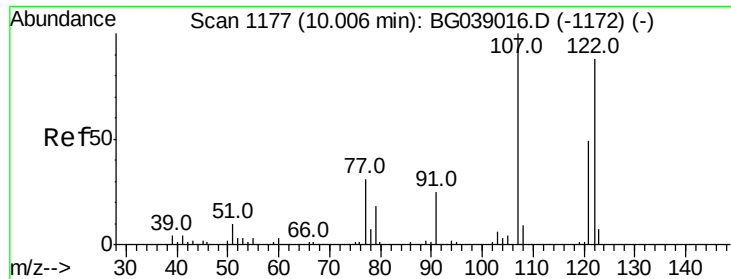
Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Tgt Ion:	139	Resp:	19835
Ion	Ratio	Lower	Upper
139	100		
109	38.3	27.3	40.9
65	55.3	40.6	61.0





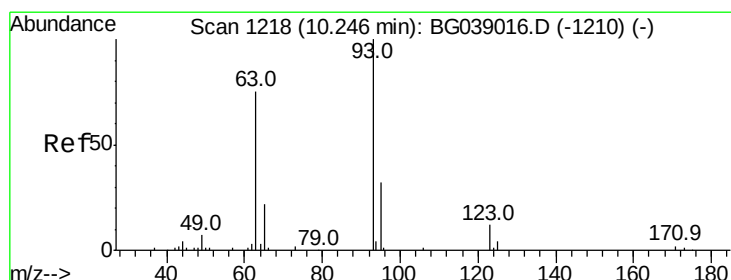
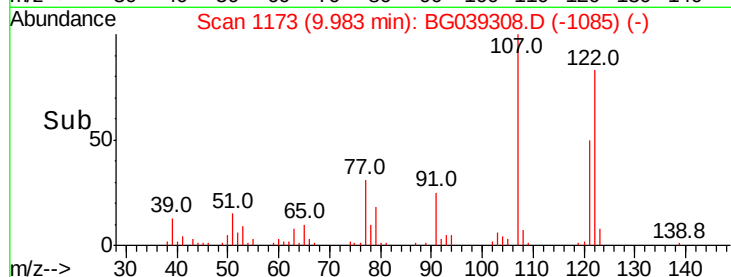
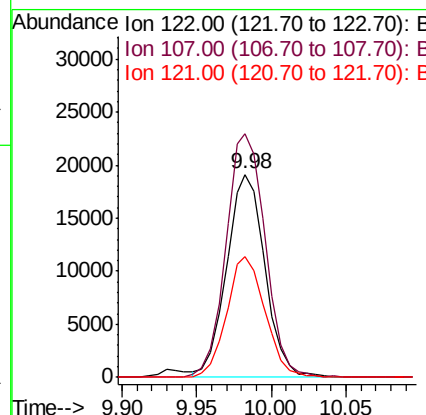
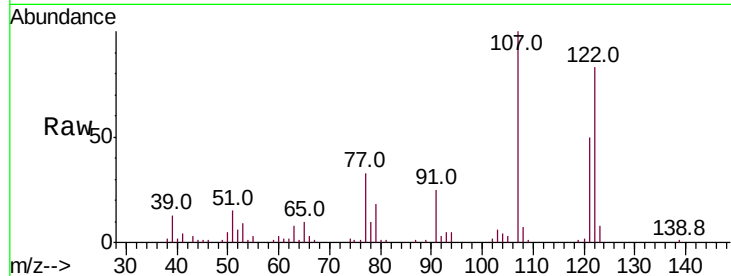
#27
2,4-Dimethylphenol
Concen: 39.200 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	119.9	88.8	133.2		
121	59.7	43.1	64.7		

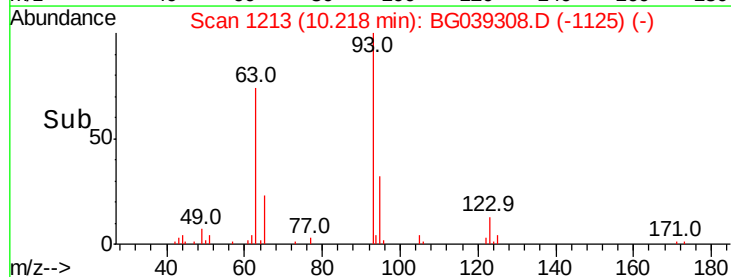
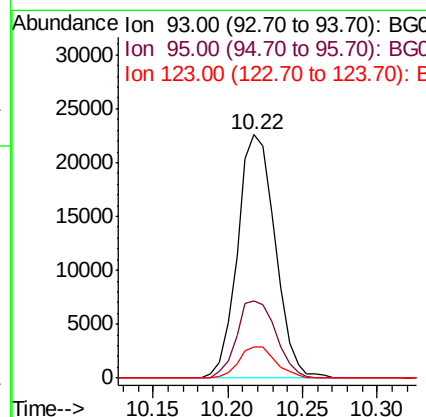
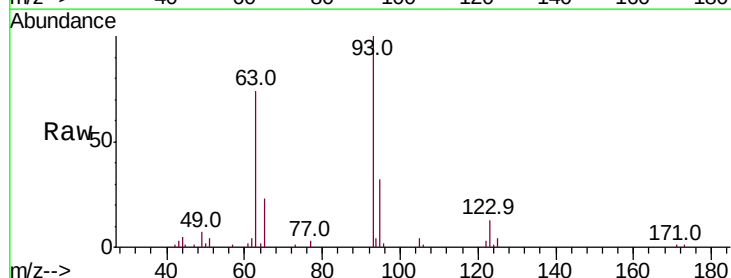
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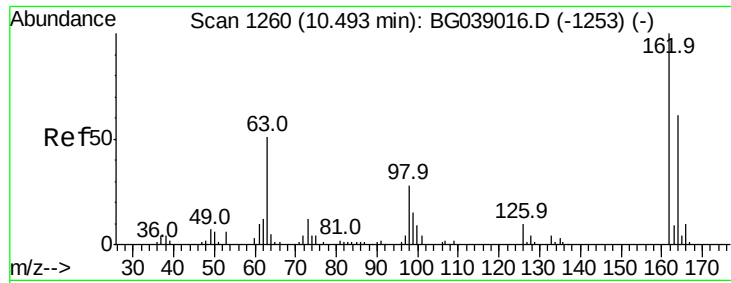
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#28
bis(2-Chloroethoxy)methane
Concen: 33.614 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	31.9	25.6	38.4		
123	12.7	10.1	15.1		





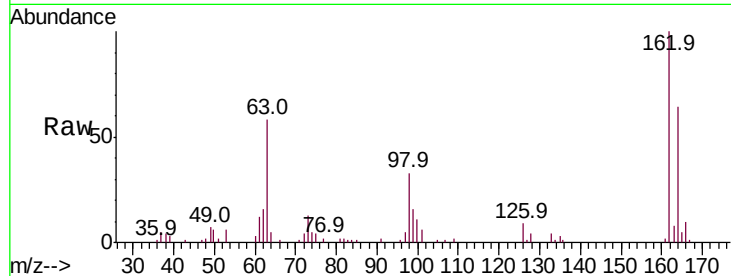
#29
 2,4-Dichlorophenol
 Concen: 34.376 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG039308.D
 Acq: 26 Jan 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.1	41.3	81.3
98	33.0	8.3	48.3

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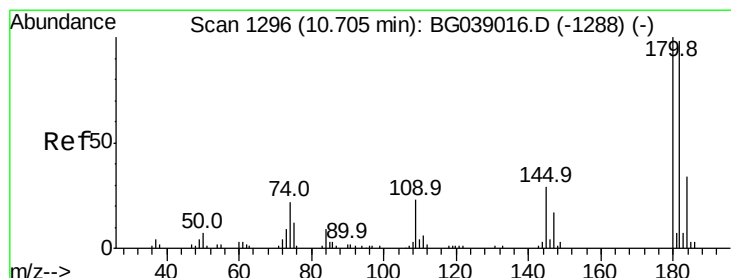
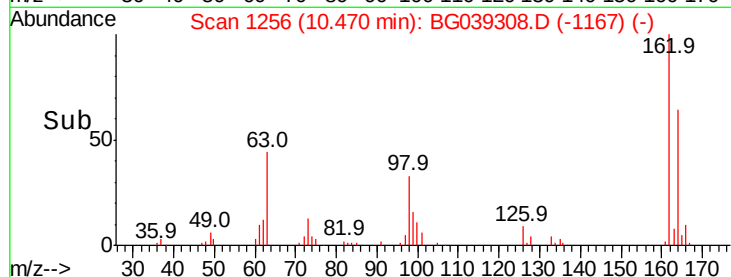
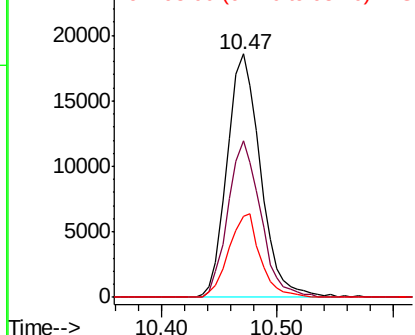


Abundance

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): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 30.424 ng
 RT: 10.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BG039308.D
 Acq: 26 Jan 2019 12:21

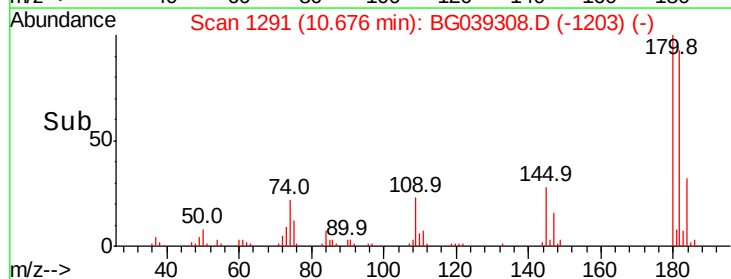
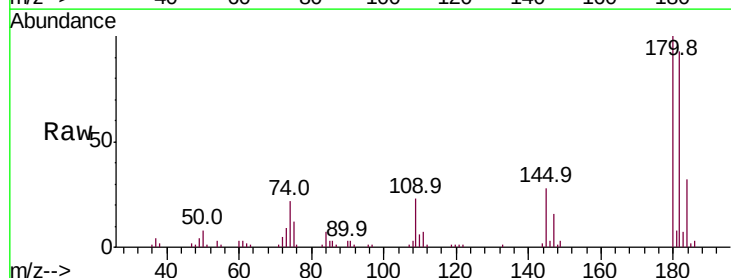
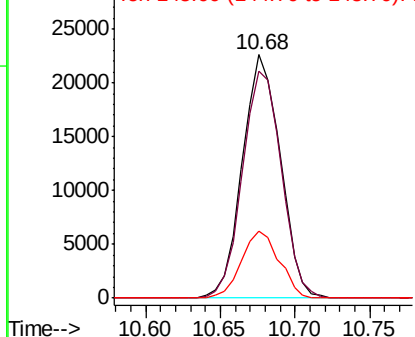
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.5	78.1	117.1
145	27.7	23.1	34.7

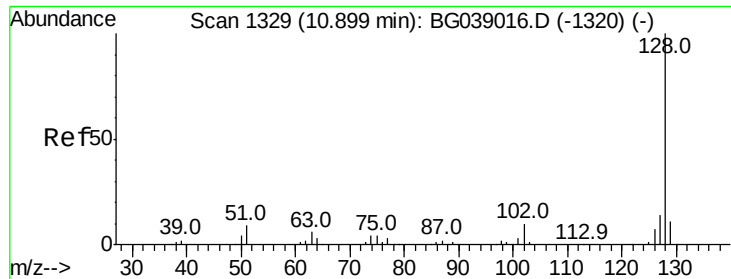
Abundance

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





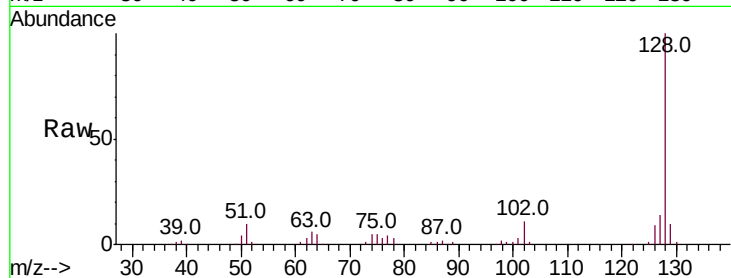
#31
Naphthalene
Concen: 34.873 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.1	13.7
127	13.8	11.2	16.8

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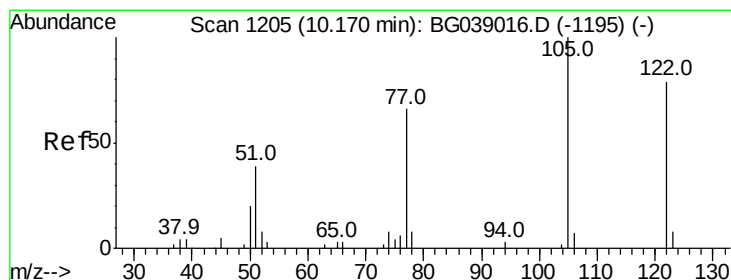
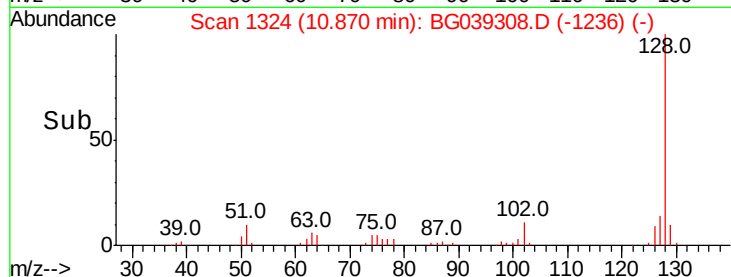
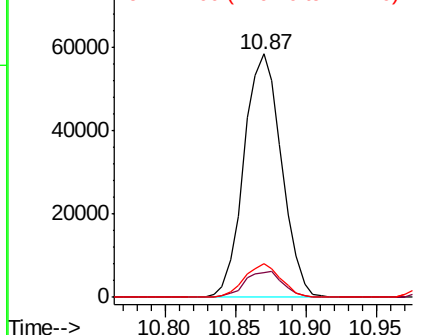


Abundance

Ion 128.00 (127.70 to 128.70): E

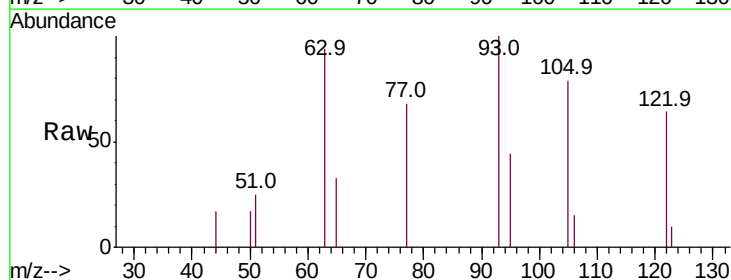
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 18.577 ng m
RT: 10.19 min Scan# 1209
Delta R.T. 0.03 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.1	106.4	146.4
77	106.2	63.6	103.6

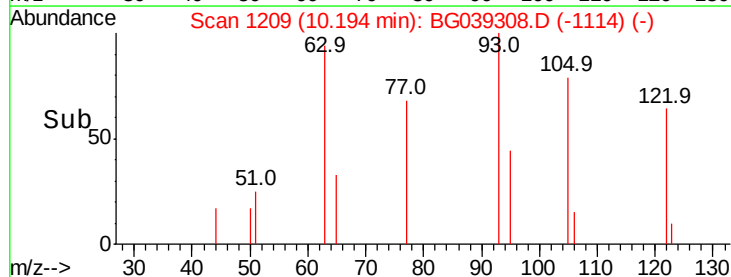
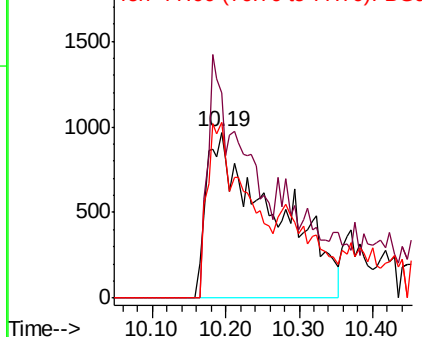


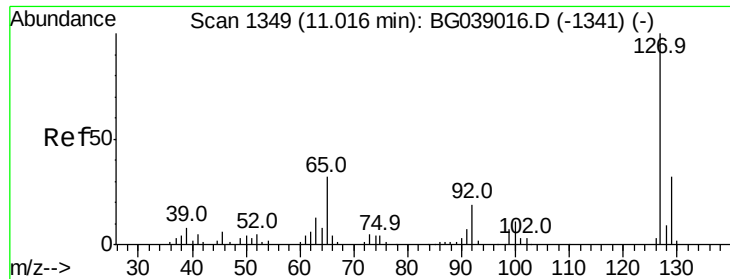
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





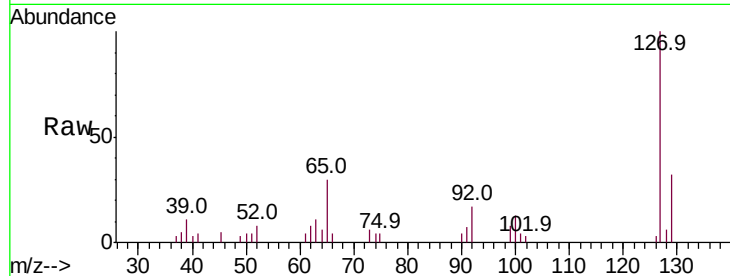
#33
4-Chloroaniline
Concen: 8.964 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.0
65	30.4	25.4	38.0
92	17.4	15.2	22.8

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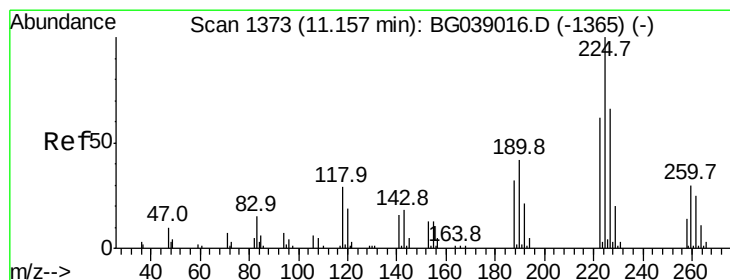
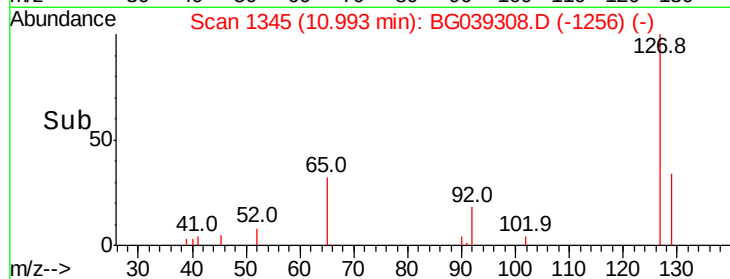
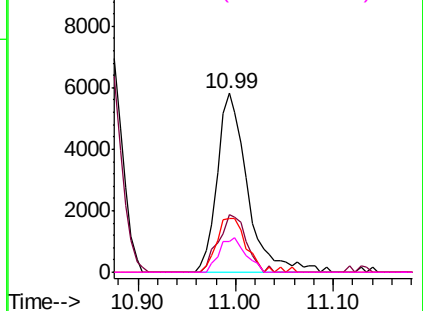
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

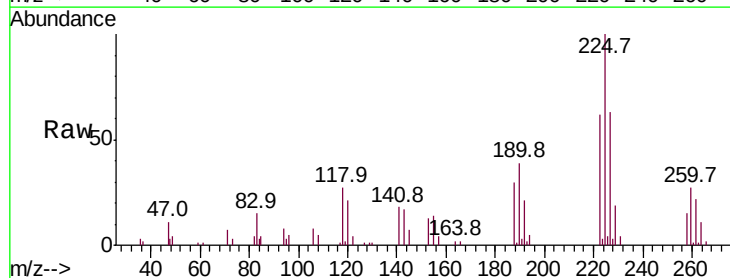
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 29.421 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.2	75.4
227	63.7	53.2	79.8

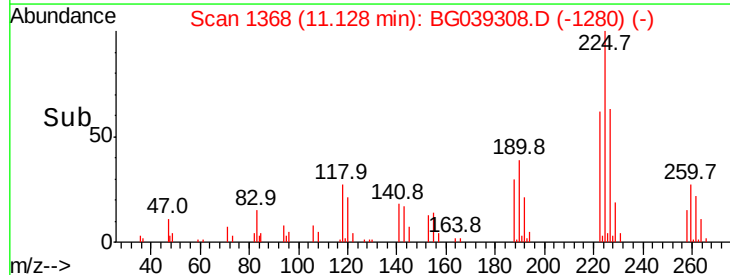
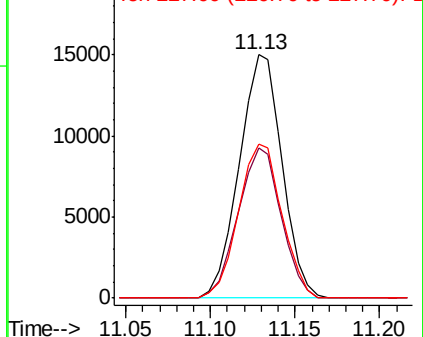


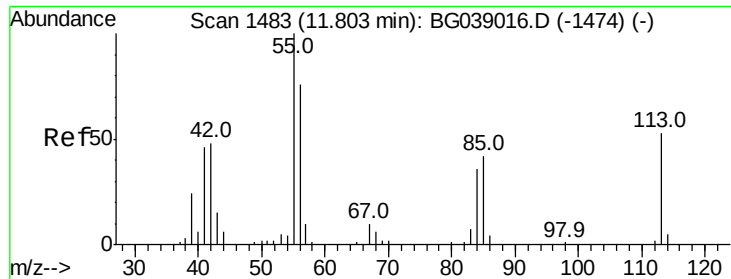
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





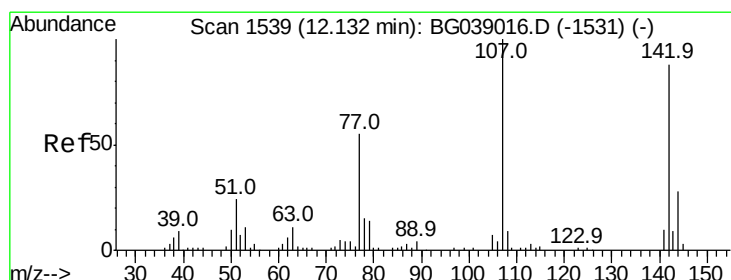
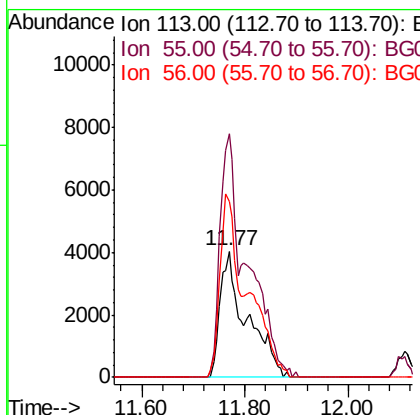
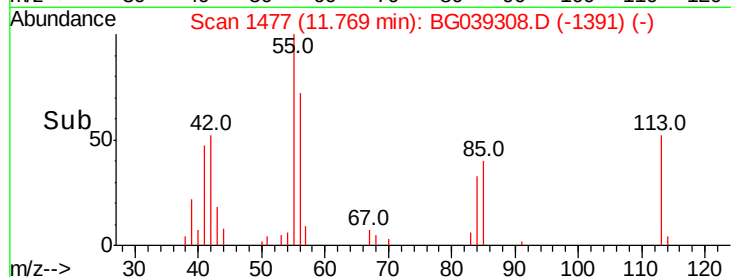
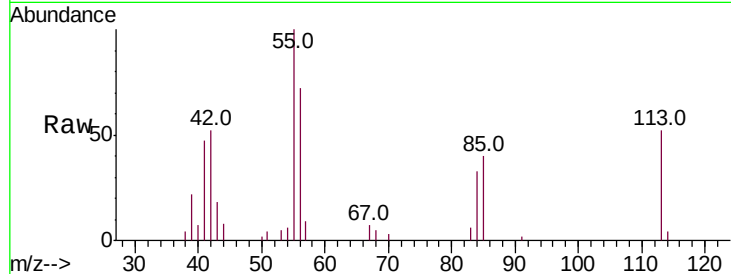
#35
Caprolactam
Concen: 32.817 ng/ml
RT: 11.77 min Scan# 1477
Delta R.T. -0.02 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleID :
PB116618BSD

Tot Ion: 113 Resp: 14291
Ion Ratio Lower Upper
113 100
55 193.2 168.6 208.6
56 139.0 123.2 163.2

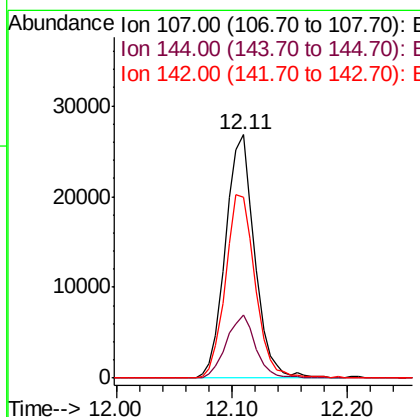
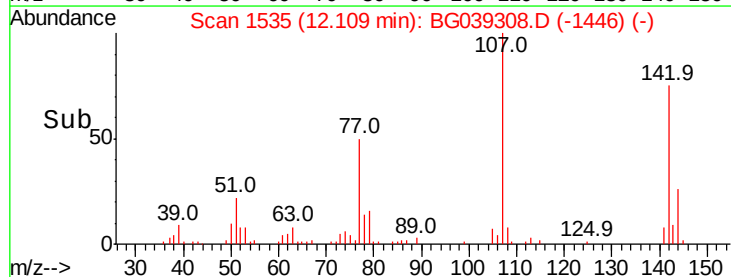
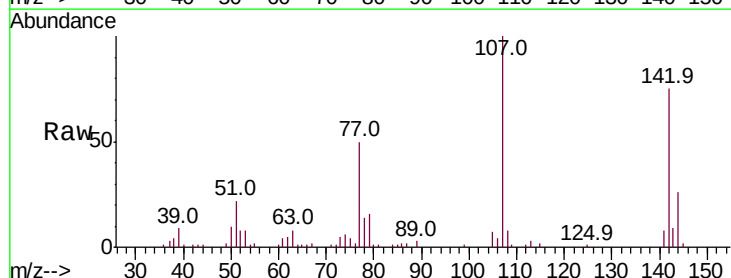
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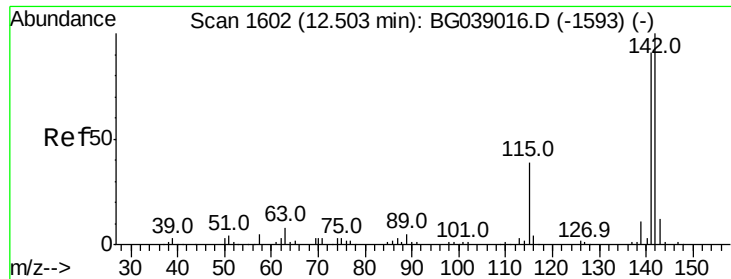
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#36
4-Chloro-3-methylphenol
Concen: 40.279 ng/ml
RT: 12.11 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion: 107 Resp: 46785
Ion Ratio Lower Upper
107 100
144 26.2 22.6 34.0
142 74.5 70.2 105.4





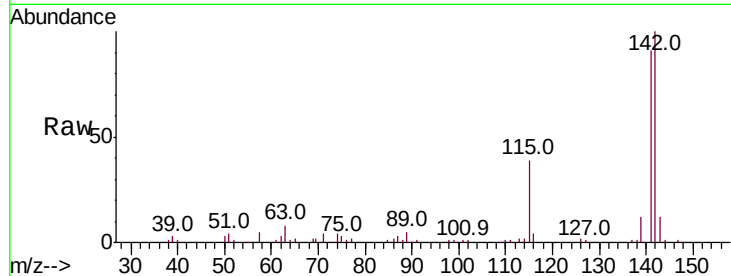
#37
2-Methylnaphthalene
Concen: 35.532 ng
RT: 12.47 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.6	109.0
115	38.9	31.1	46.7

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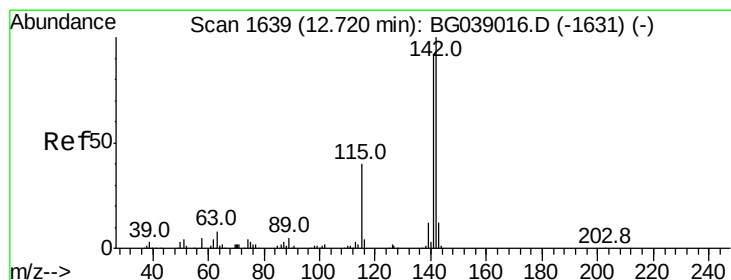
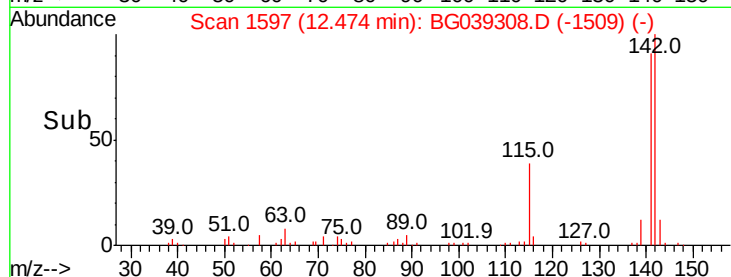
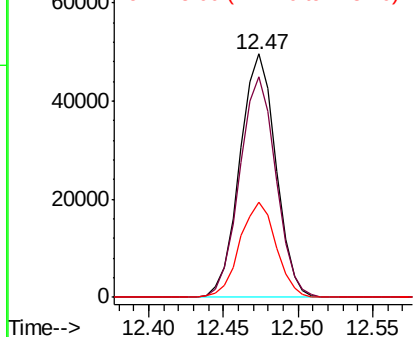


Abundance

Ion 142.00 (141.70 to 142.70): E

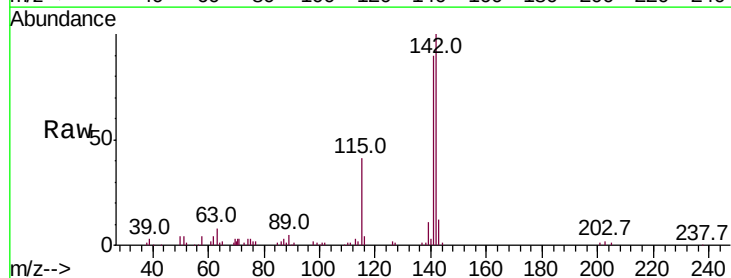
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 34.585 ng
RT: 12.69 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.3	109.9
116	4.2	3.1	4.7

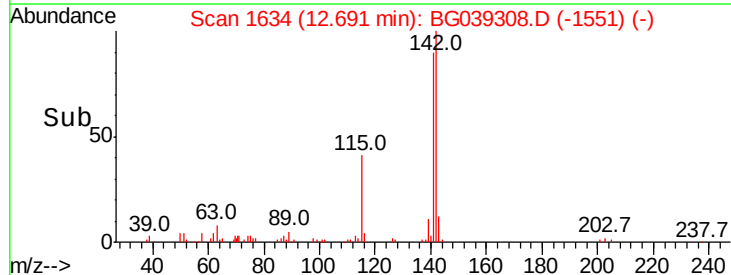
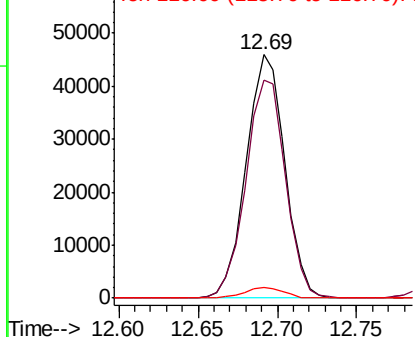


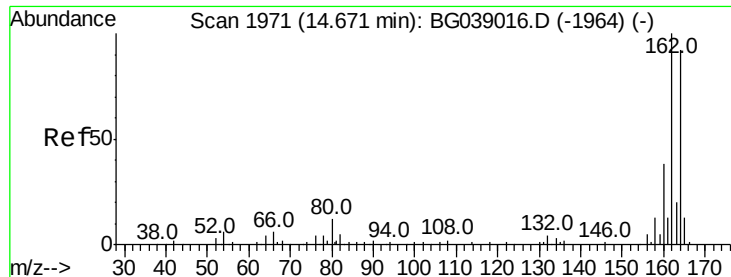
Abundance

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





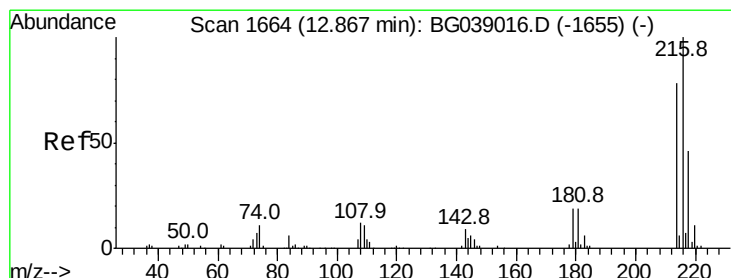
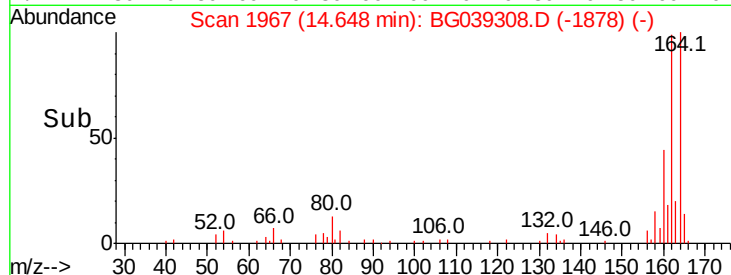
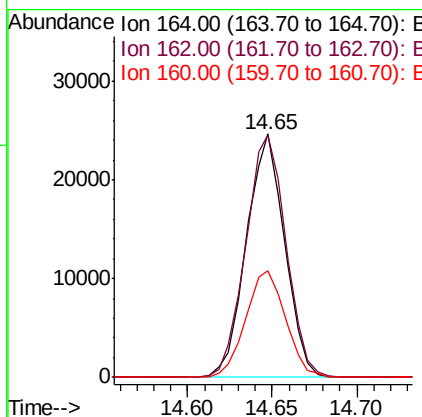
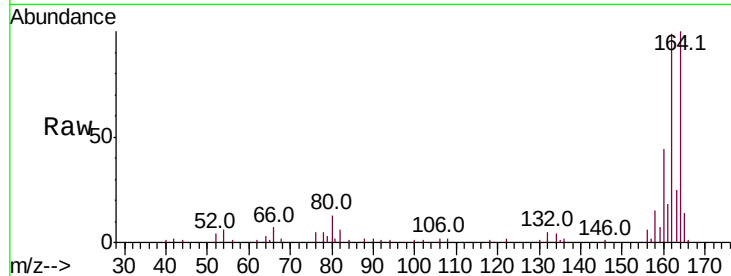
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	87.2	130.8
160	44.0	33.3	49.9

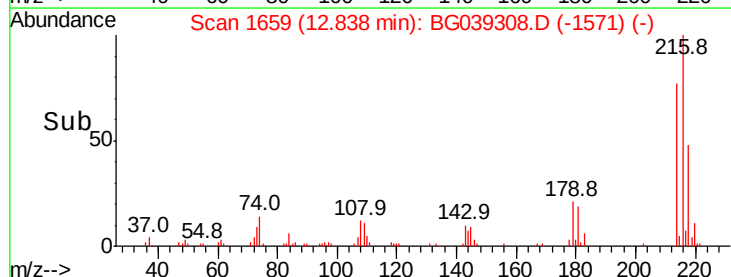
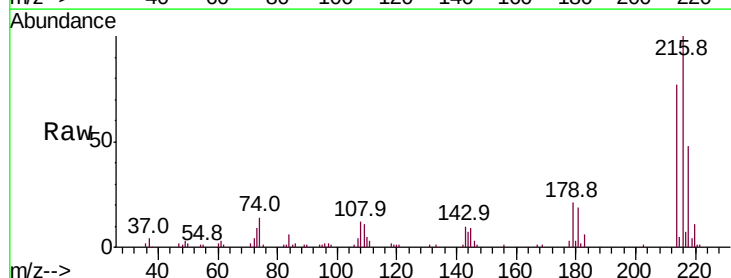
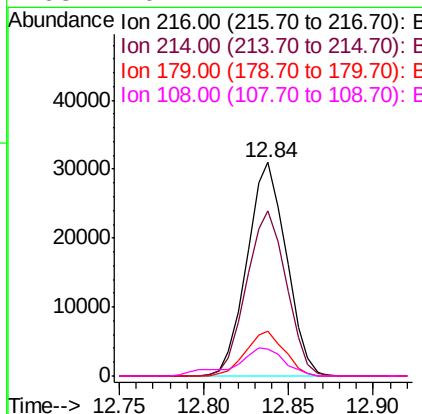
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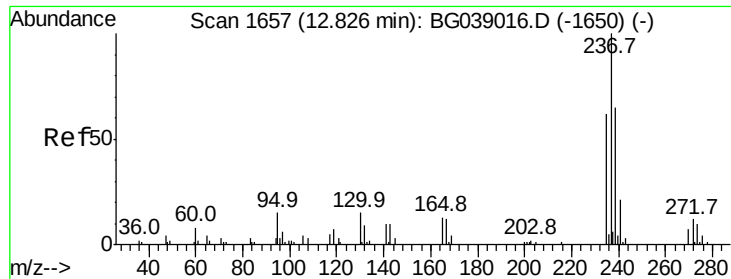
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.544 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.4	95.2
179	20.4	15.5	23.3
108	16.1	11.4	17.2





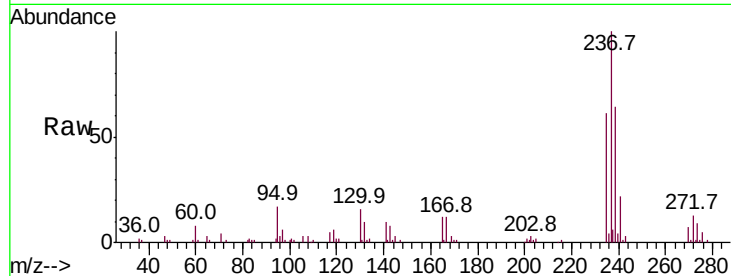
#41
Hexachlorocyclopentadiene
Concen: 66.337 ng
RT: 12.80 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

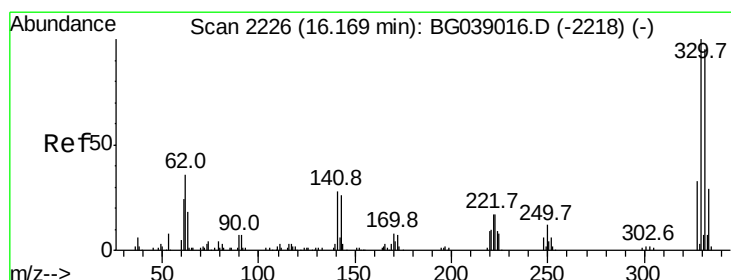
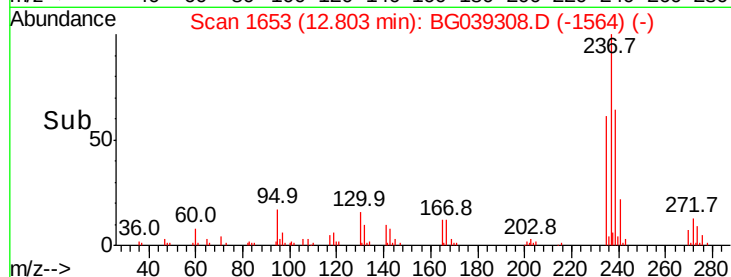
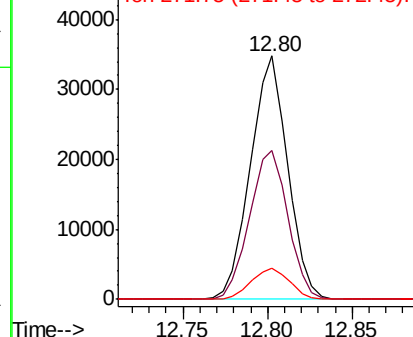
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	60.9	41.7	81.7	
272	12.5	0.0	32.1	

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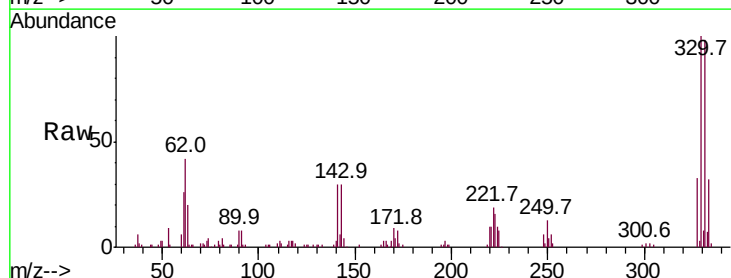


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

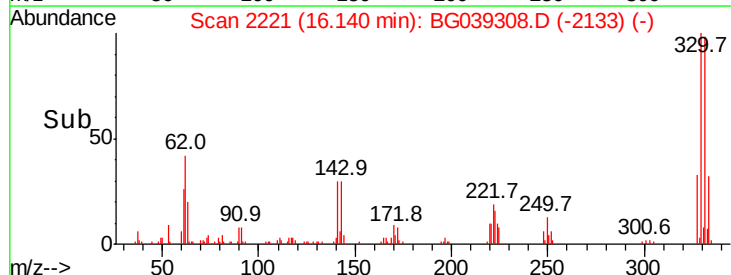
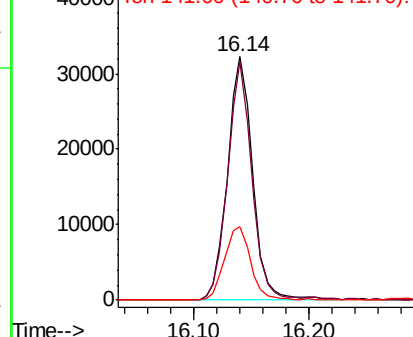


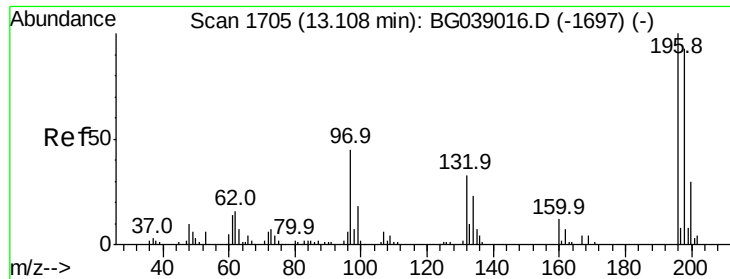
#42
2,4,6-Tribromophenol
Concen: 74.836 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.8	75.7	113.5	
141	31.2	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





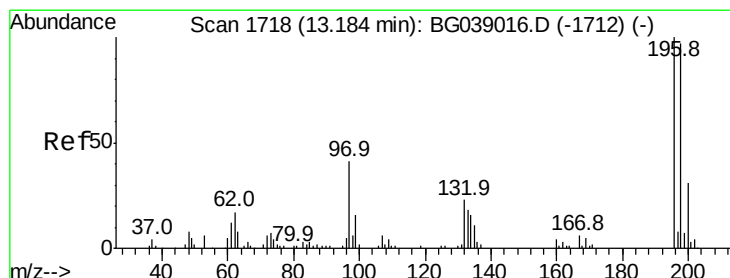
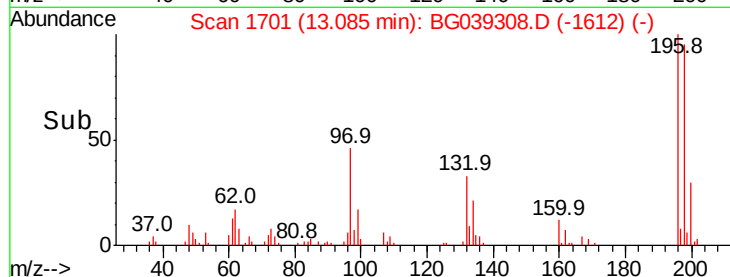
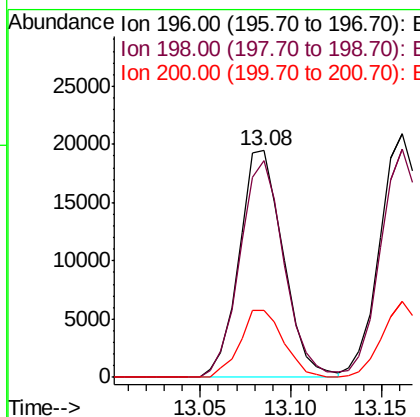
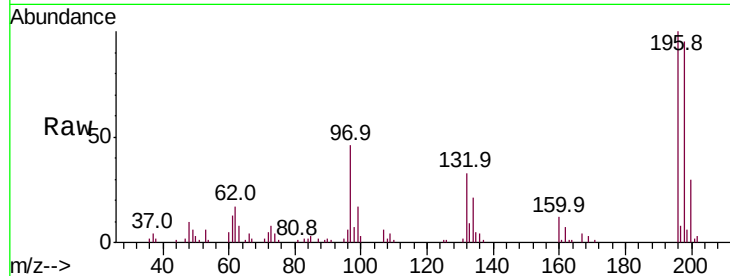
#43
 2,4,6-Trichlorophenol
 Concen: 35.998 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG039308.D
 Acq: 26 Jan 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	32918		
198	95.4	74.5	111.7	
200	29.6	23.8	35.6	

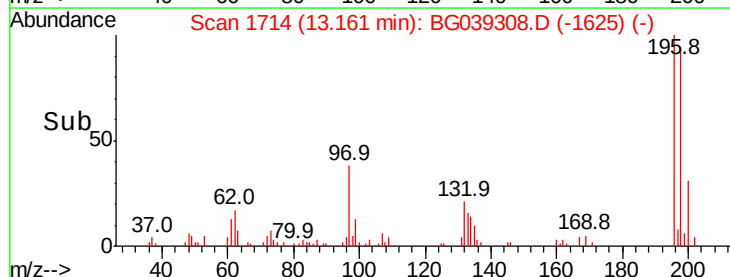
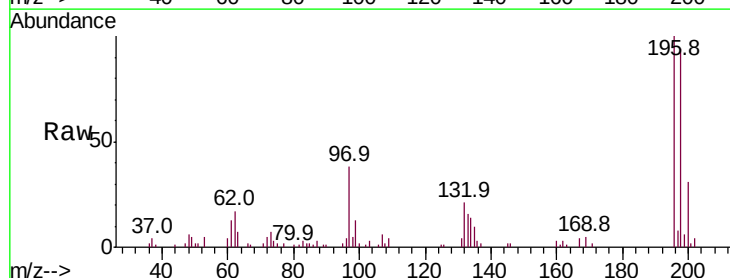
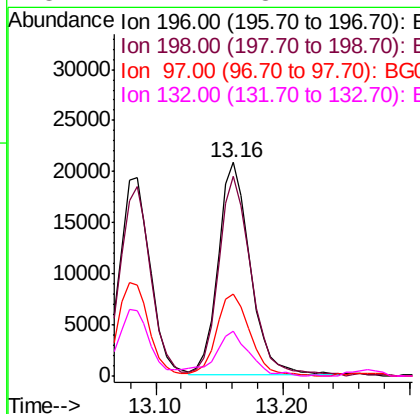
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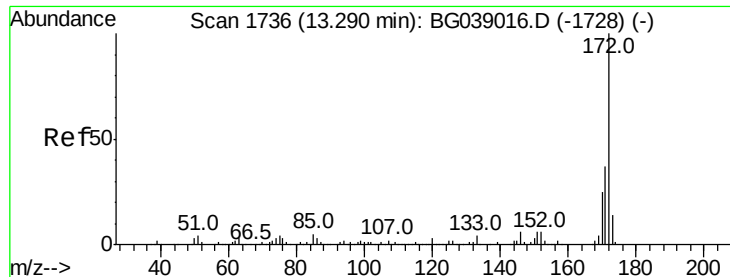
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#44
 2,4,5-Trichlorophenol
 Concen: 37.793 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG039308.D
 Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	36526		
198	93.7	78.1	117.1	
97	38.5	33.2	49.8	
132	21.1	18.2	27.4	





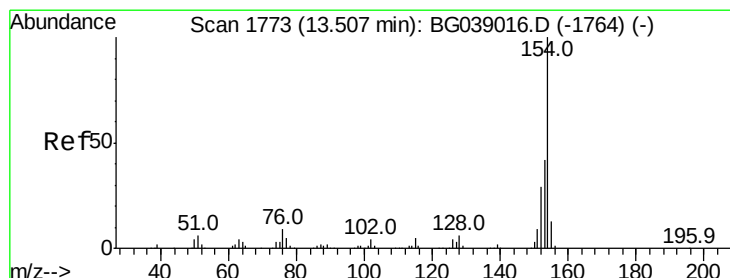
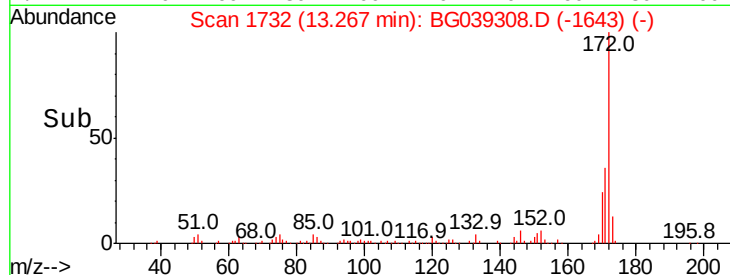
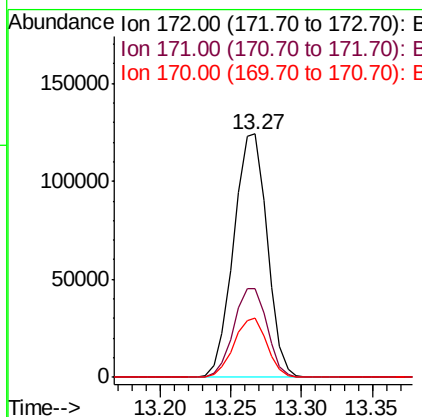
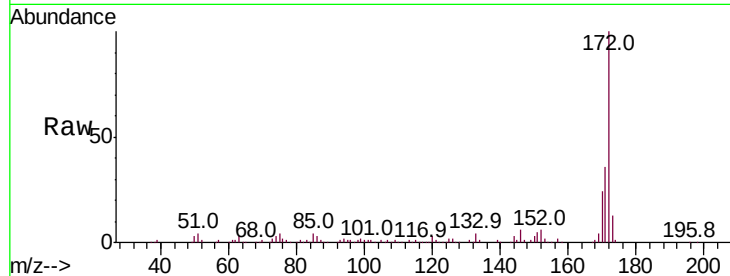
#45
2-Fluorobiphenyl
Concen: 72.661 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.3	20.1	30.1

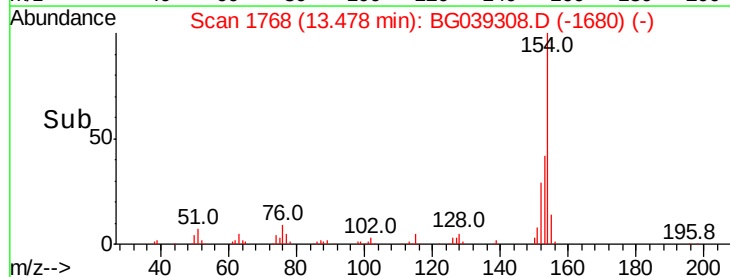
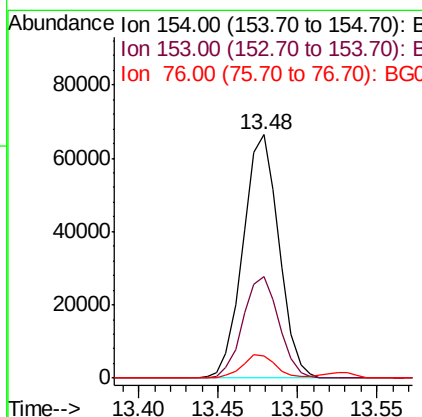
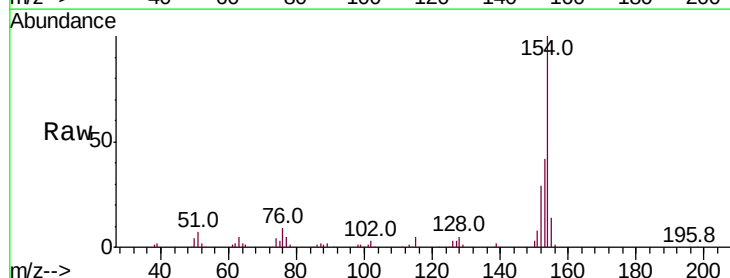
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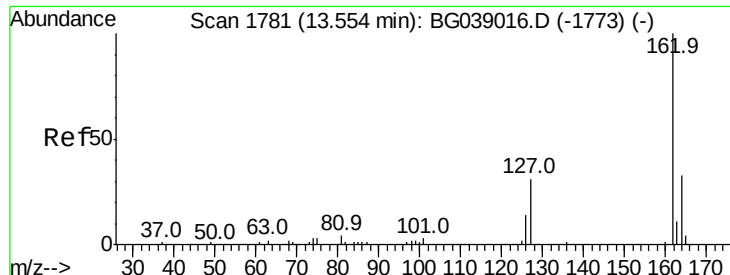
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#46
1,1'-Biphenyl
Concen: 34.036 ng
RT: 13.48 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.4	62.4
76	9.3	0.0	29.4





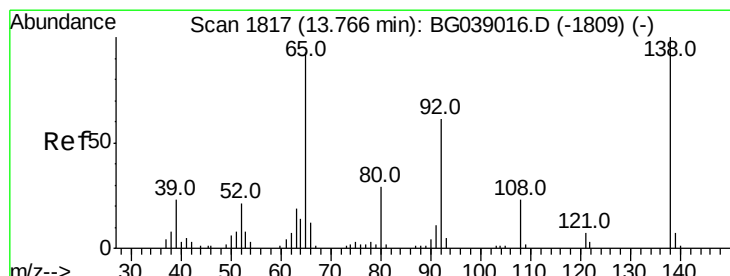
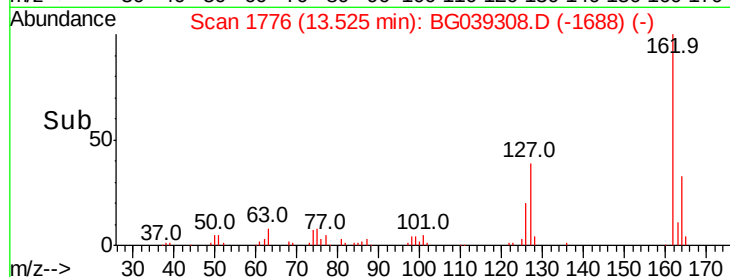
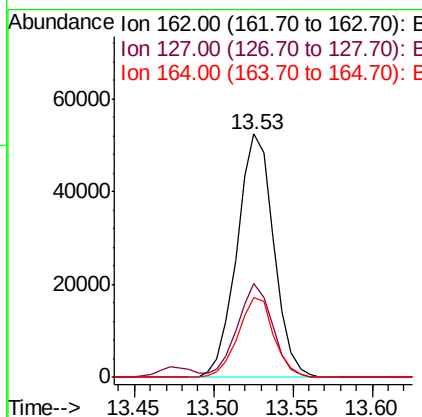
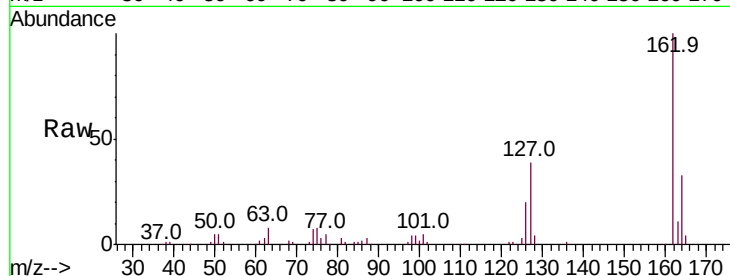
#47
2-Chloronaphthalene
Concen: 33.878 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	28.4	42.6
164	32.5	26.3	39.5

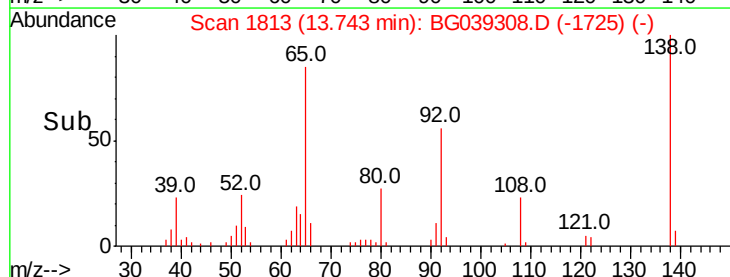
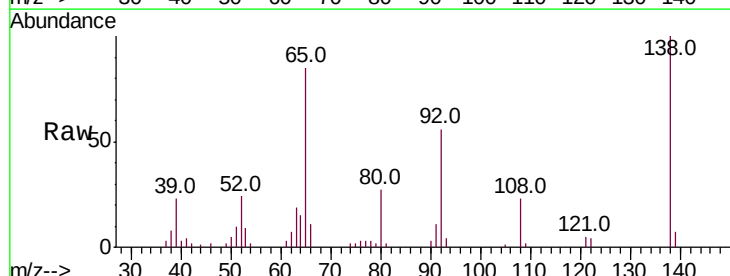
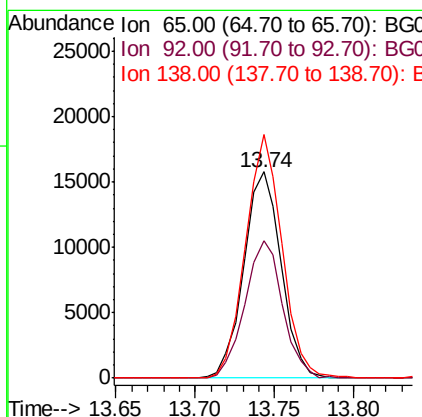
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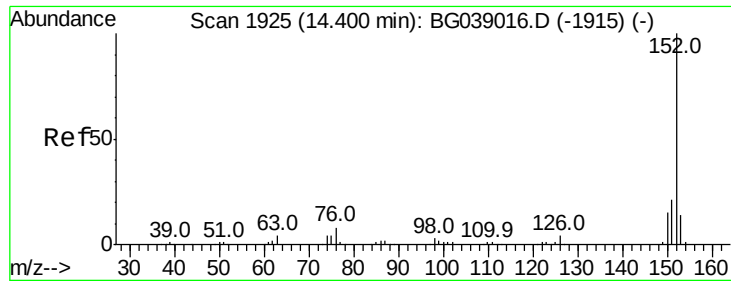
mohammad
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#48
2-Nitroaniline
Concen: 37.187 ng
RT: 13.74 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.4	52.2	78.4
138	118.0	86.0	129.0





#49

Acenaphthylene

Concen: 37.076 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA_G

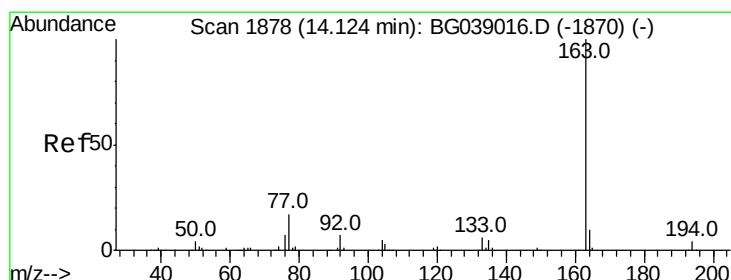
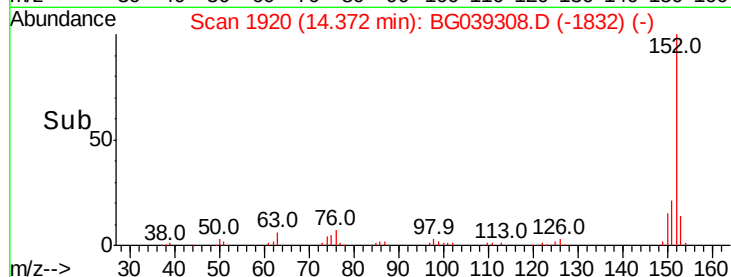
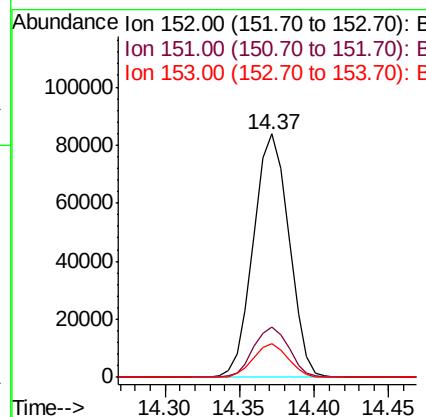
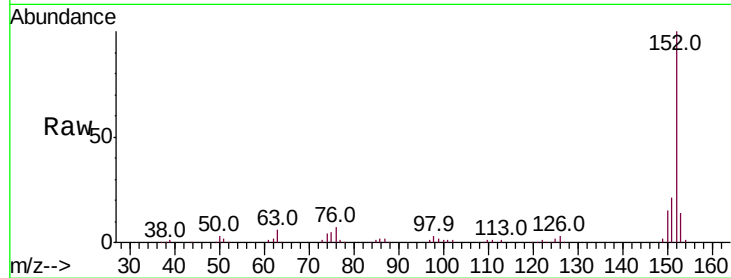
ClientSampleId :

PB116618BSD

Tot Ion:	152	Resp:	138242
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.0	25.4
153	13.7	11.2	16.8

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#50

Dimethylphthalate

Concen: 36.398 ng

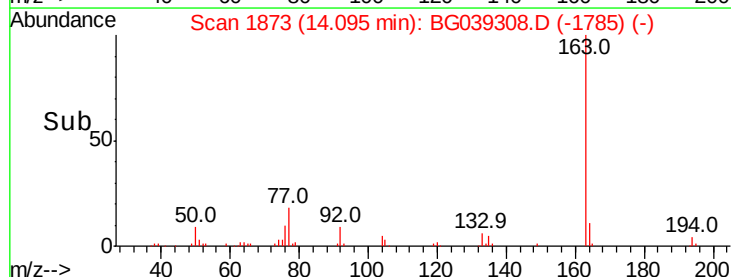
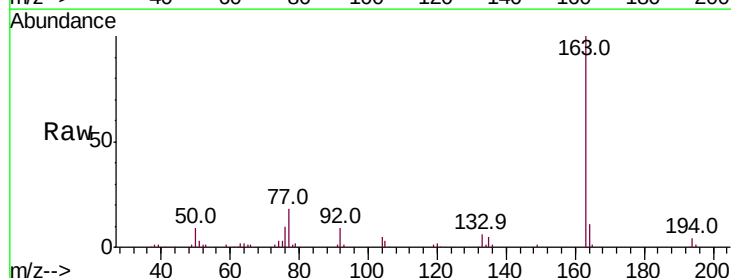
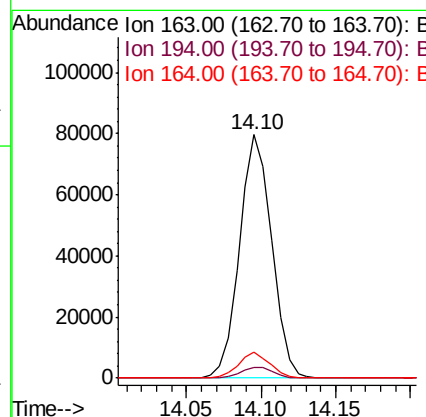
RT: 14.10 min Scan# 1873

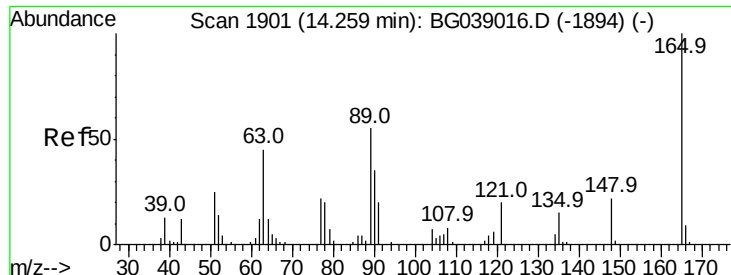
Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Tgt Ion:	163	Resp:	118993
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.6	5.4
164	10.9	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 37.076 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA_G

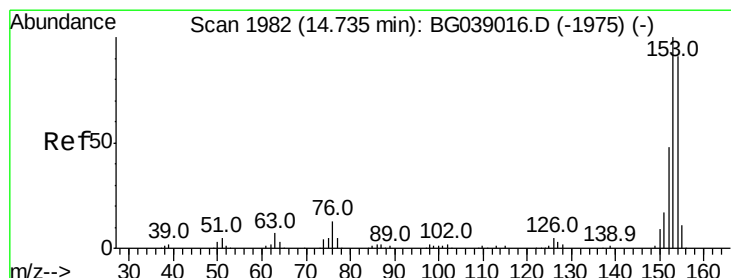
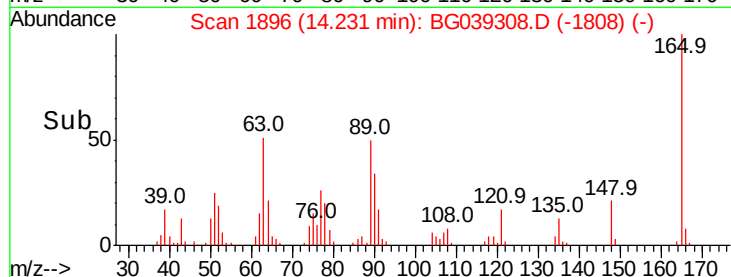
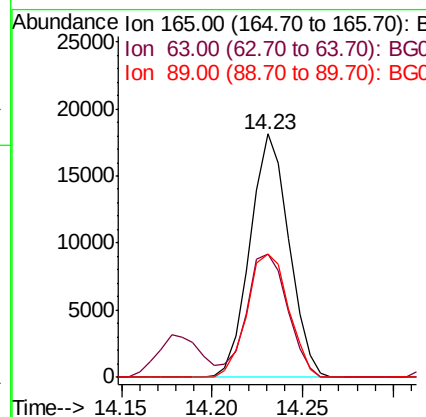
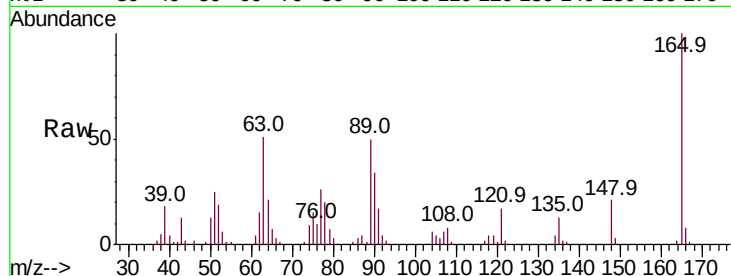
ClientSampleId :

PB116618BSD

Tot Ion:	165	Resp:	27099
Ion Ratio	Lower	Upper	
165	100		
63	50.9	43.6	65.4
89	50.4	43.7	65.5

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#52

Acenaphthene

Concen: 35.453 ng

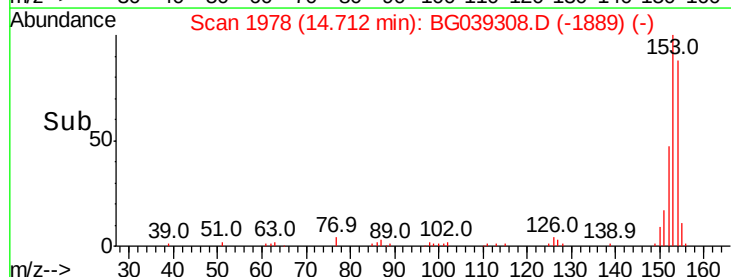
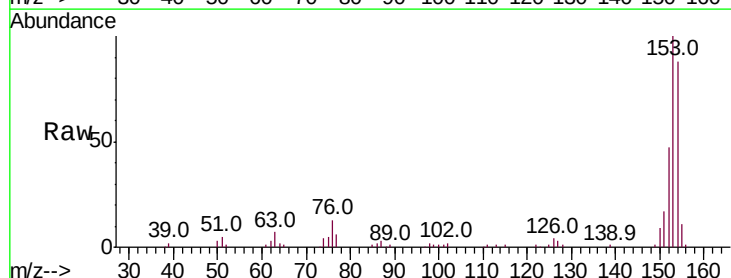
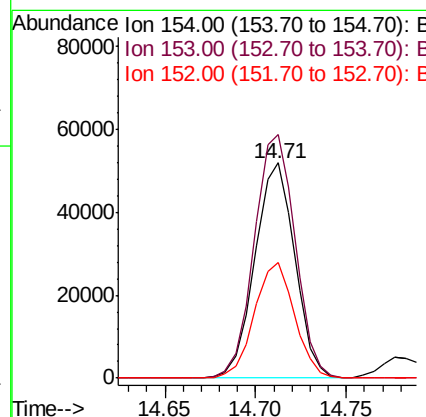
RT: 14.71 min Scan# 1978

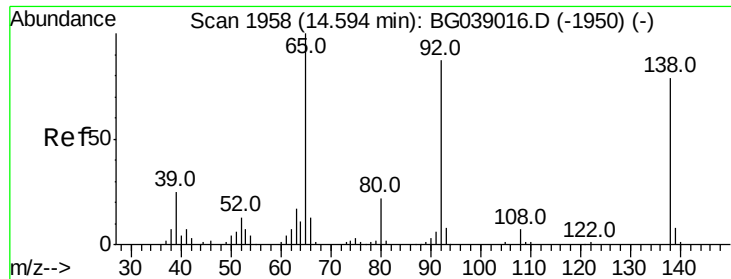
Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Tgt Ion:	154	Resp:	79423
Ion Ratio	Lower	Upper	
154	100		
153	113.1	87.9	131.9
152	53.6	42.2	63.2





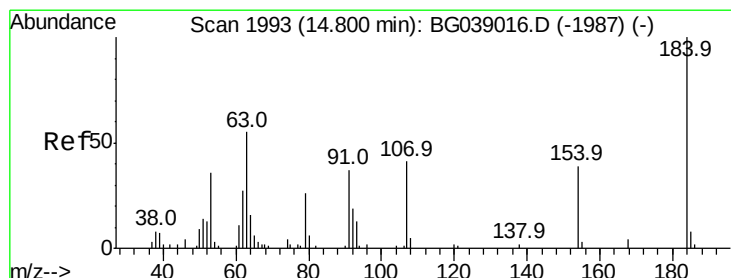
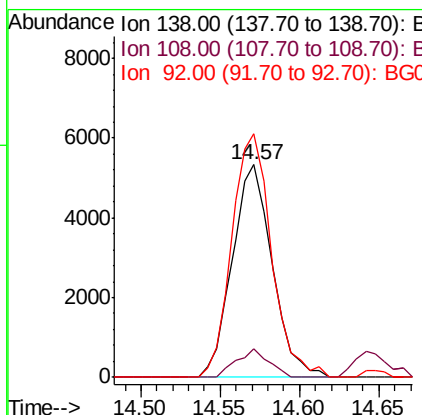
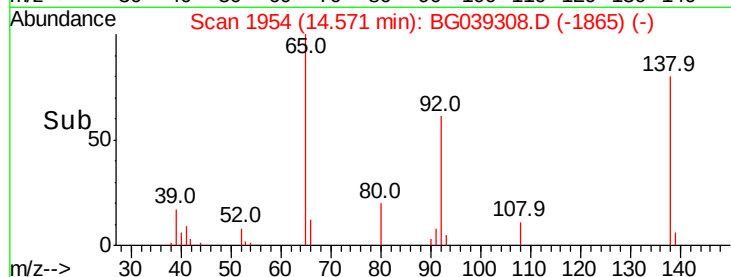
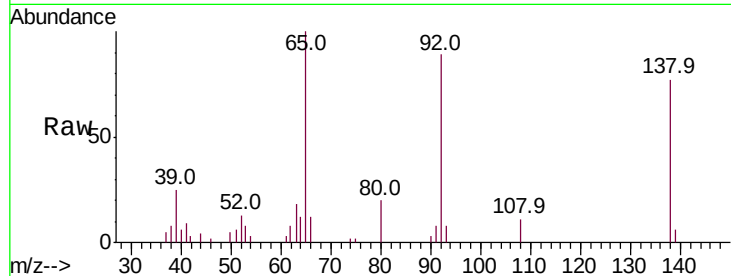
#53
 3-Nitroaniline
 Concen: 12.589 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG039308.D
 Acq: 26 Jan 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.8	7.4	11.0
92	114.6	88.2	132.4

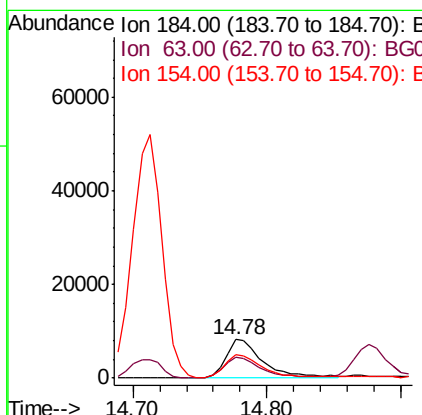
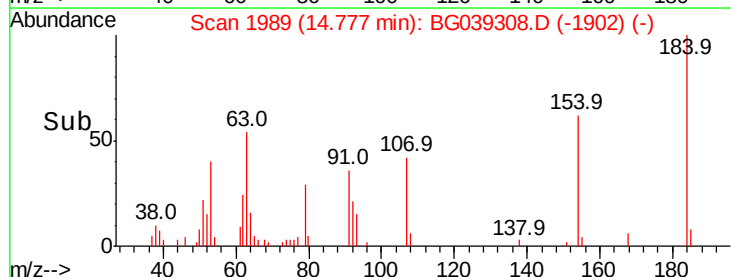
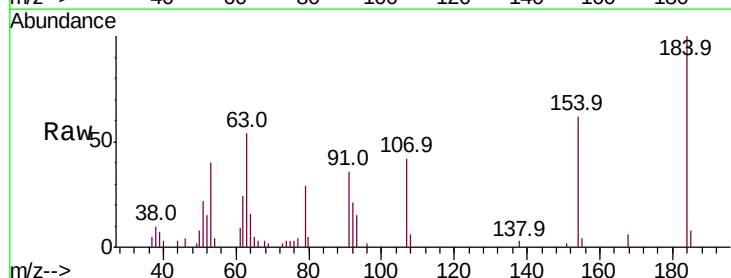
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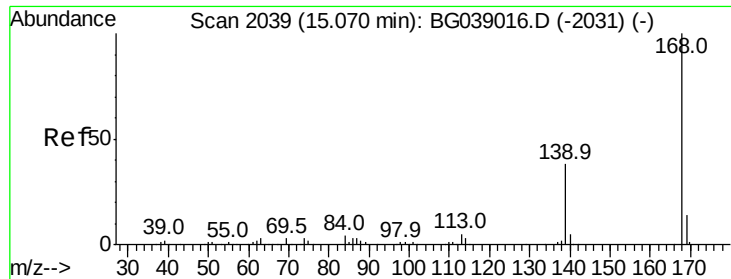
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#54
 2,4-Dinitrophenol
 Concen: 39.804 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG039308.D
 Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.8	44.0	66.0
154	62.1	46.1	69.1





#55

Dibenzofuran

Concen: 35.822 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA_G

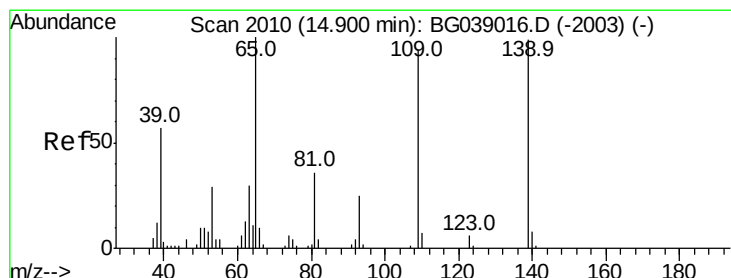
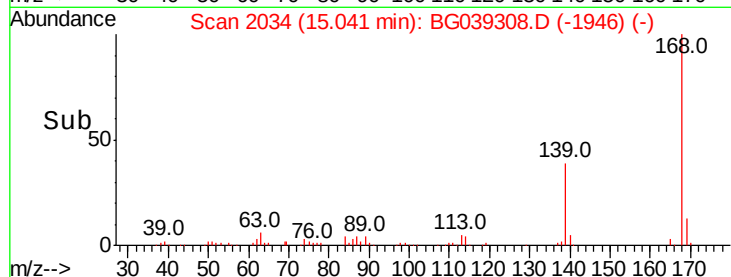
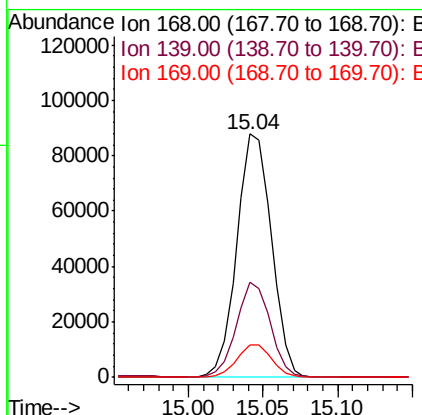
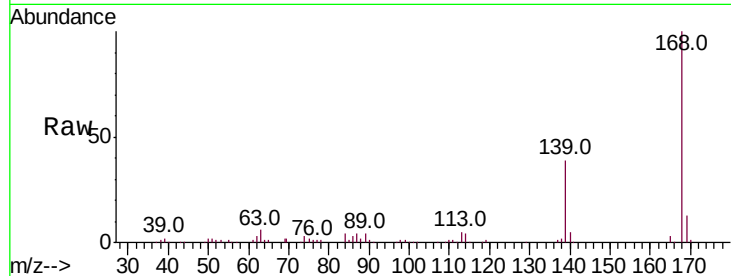
ClientSampleId :

PB116618BSD

Tot Ion:	168	Resp:	141729
Ion Ratio	Lower	Upper	
168	100		
139	38.9	30.1	45.1
169	13.5	10.9	16.3

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#56

4-Nitrophenol

Concen: 73.304 ng

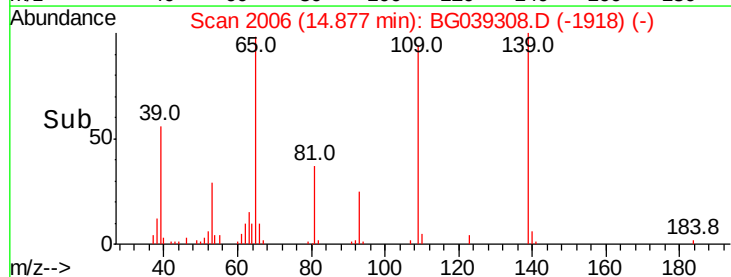
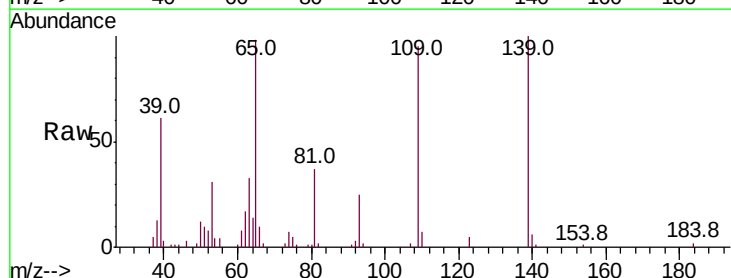
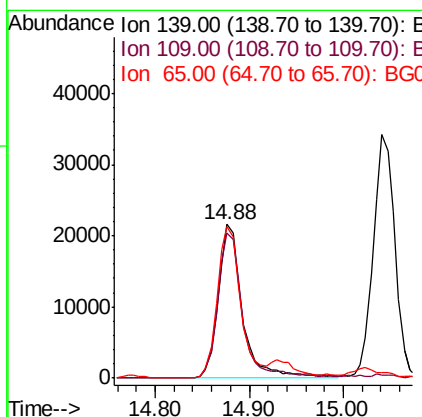
RT: 14.88 min Scan# 2006

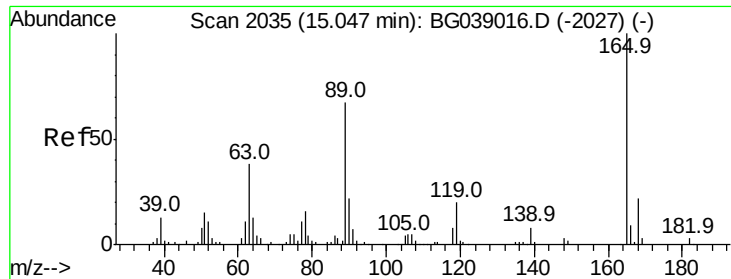
Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Tgt Ion:	139	Resp:	39108
Ion Ratio	Lower	Upper	
139	100		
109	94.5	75.6	115.6
65	98.4	81.2	121.2





#57

2,4-Dinitrotoluene

Concen: 37.393 ng

RT: 15.02 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA_G

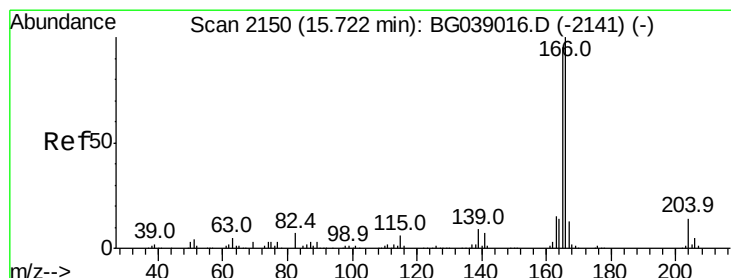
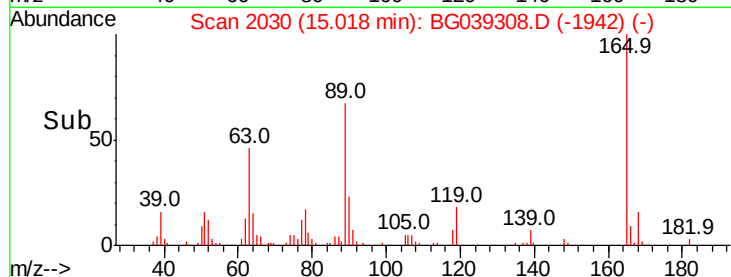
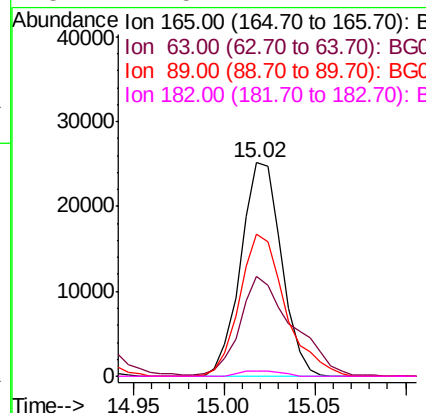
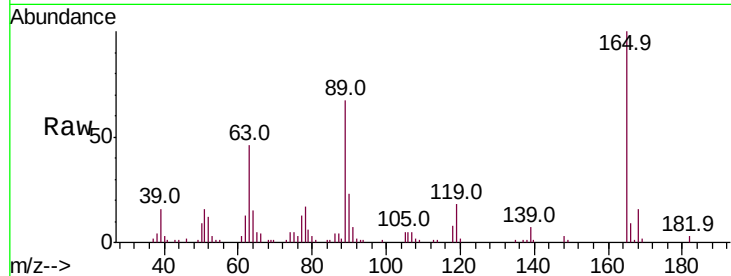
ClientSampleId :

PB116618BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.5	30.2	45.4#	
89	66.8	53.2	79.8	
182	2.5	2.7	4.1#	

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#58

Fluorene

Concen: 38.642 ng

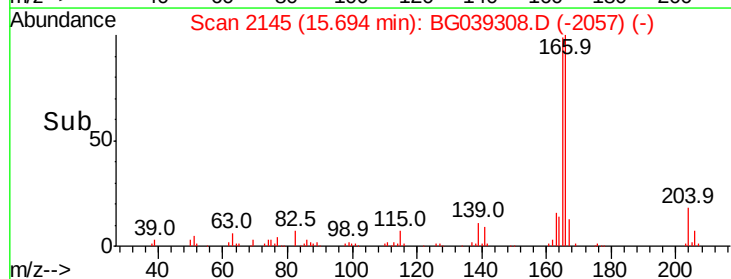
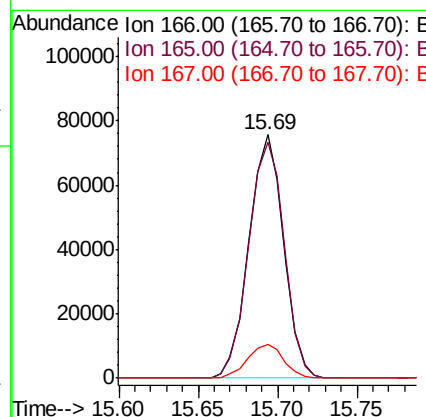
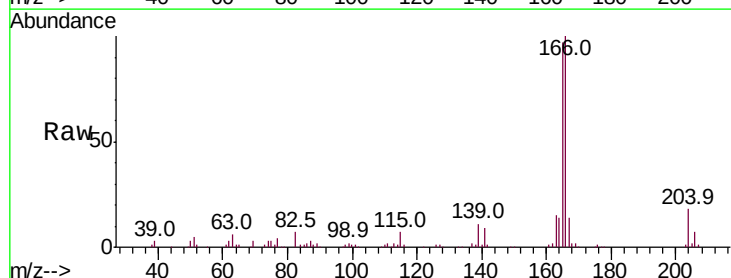
RT: 15.69 min Scan# 2145

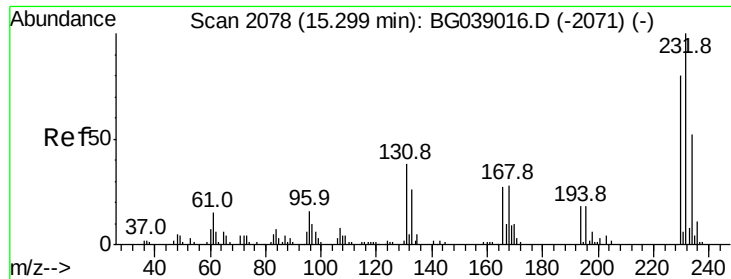
Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.0	76.2	114.2	
167	13.8	10.6	16.0	





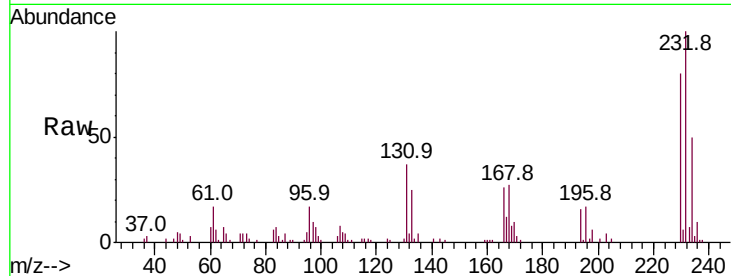
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.447 ng
RT: 15.27 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	38.1	30.9	46.3
130	1.9	1.9	2.9
166	27.3	22.1	33.1

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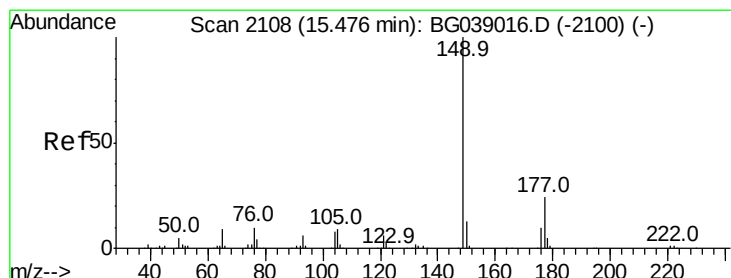
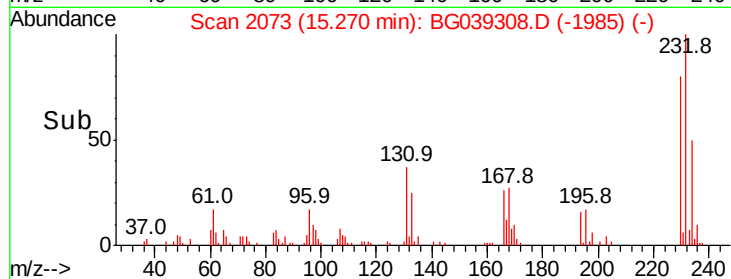
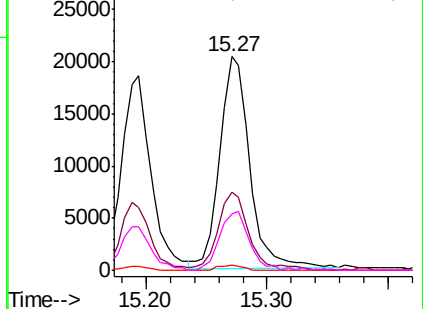
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.237 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

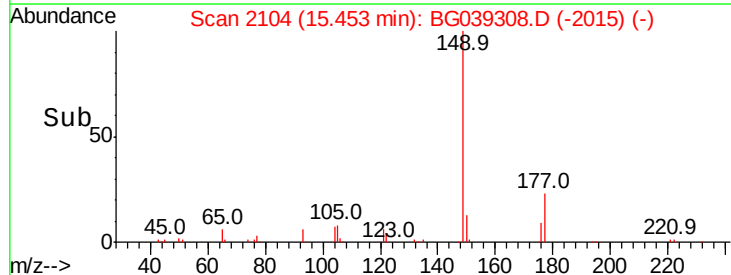
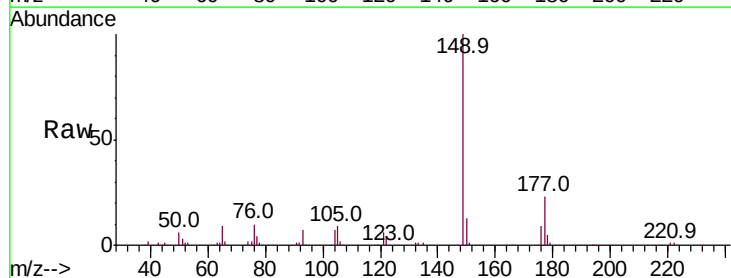
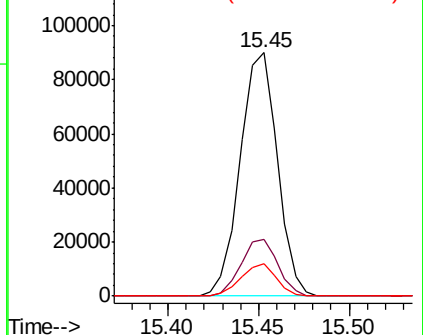
Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	23.3	19.0	28.6
150	13.1	10.2	15.4

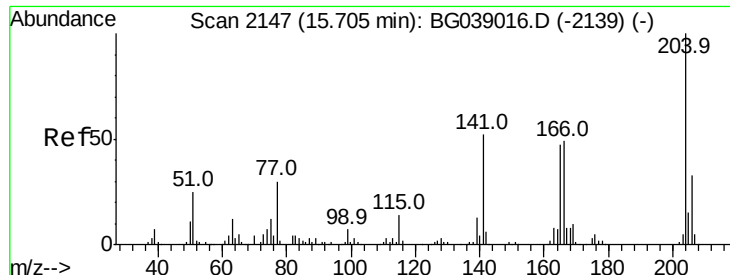
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





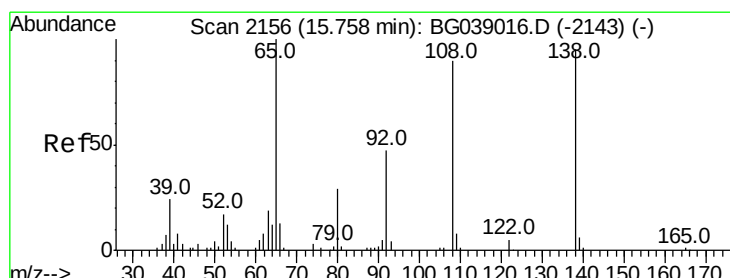
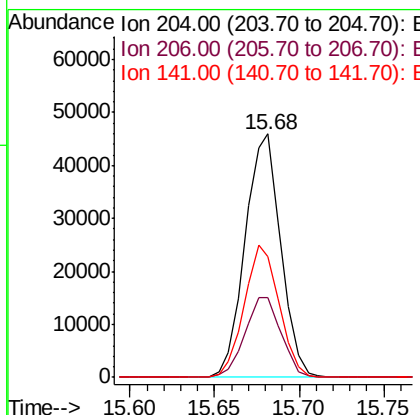
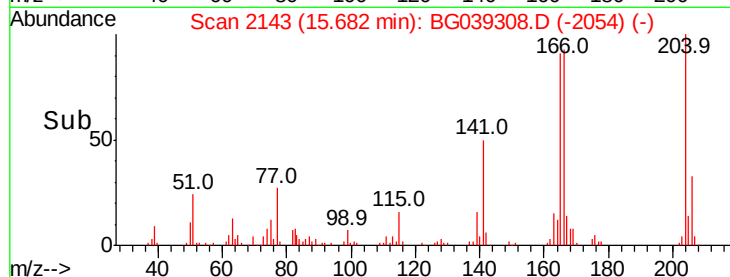
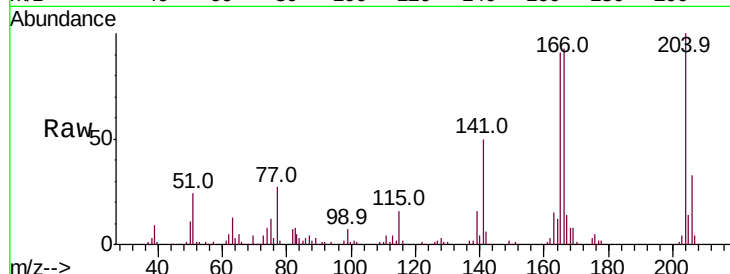
#61
4-Chlorophenyl-phenylether
Concen: 35.779 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	49.6	41.4	62.0

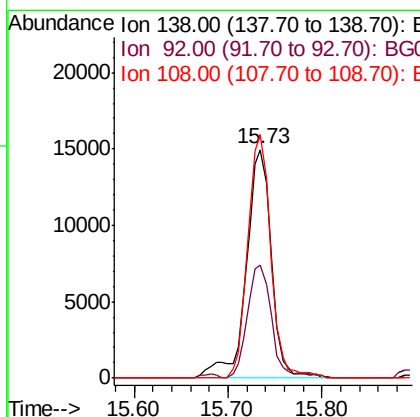
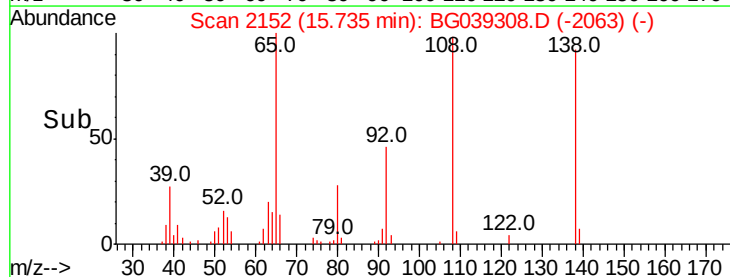
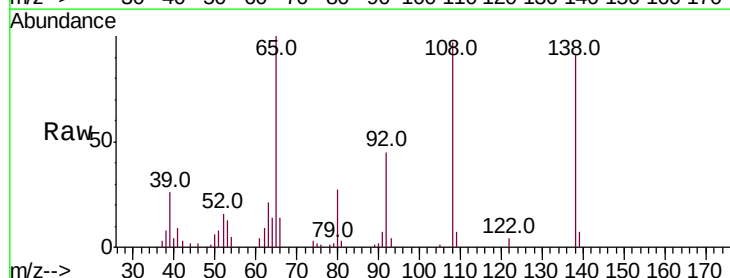
Manual Integrations
APPROVED

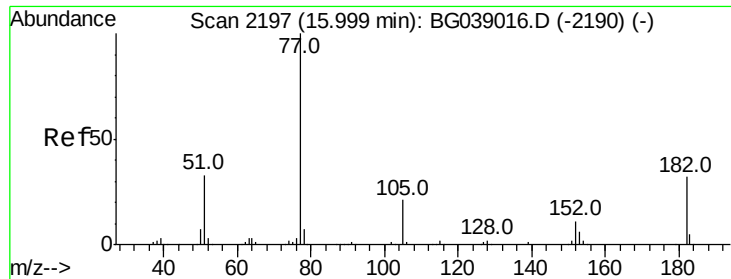
mohammad
1/29/2019 12:26:14 AM



#62
4-Nitroaniline
Concen: 35.890 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	29.7	69.7
108	106.4	75.7	115.7





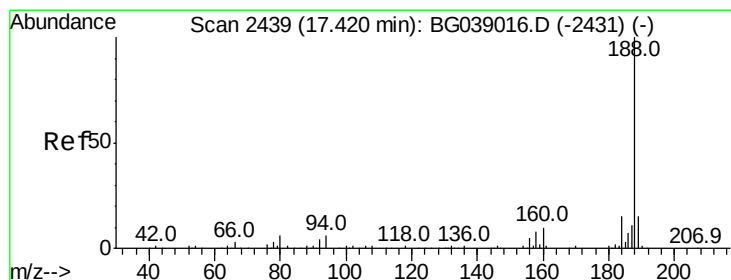
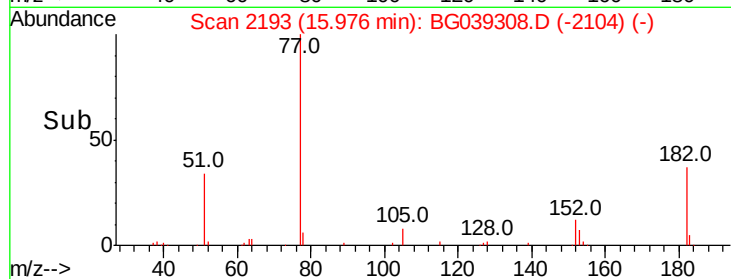
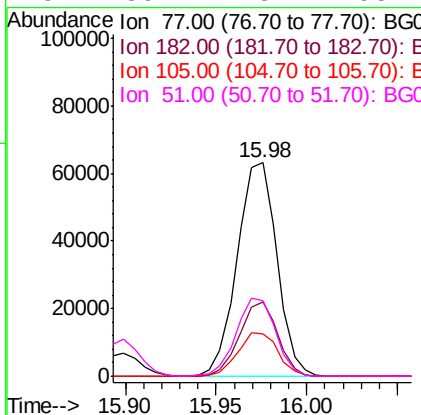
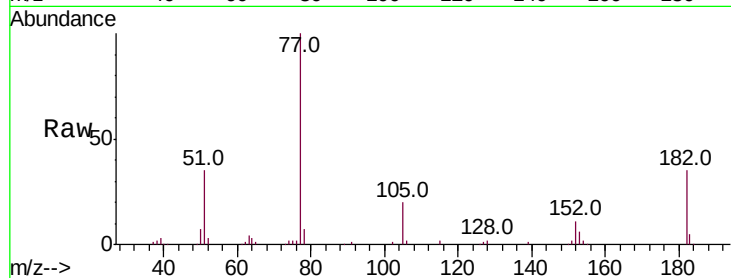
#63
Azobenzene
Concen: 36.600 ng
RT: 15.98 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

Tot Ion:	77	Resp:	96408
Ion Ratio	Lower	Upper	
77	100		
182	34.9	12.2	52.2
105	19.6	1.2	41.2
51	35.1	13.4	53.4

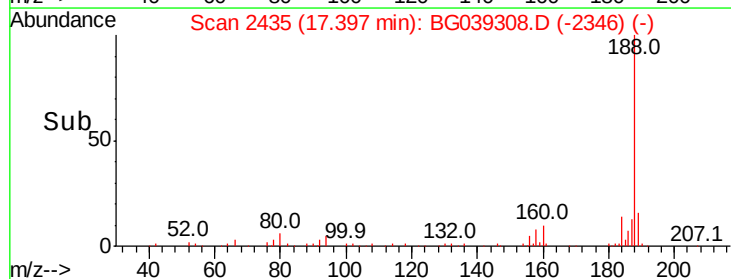
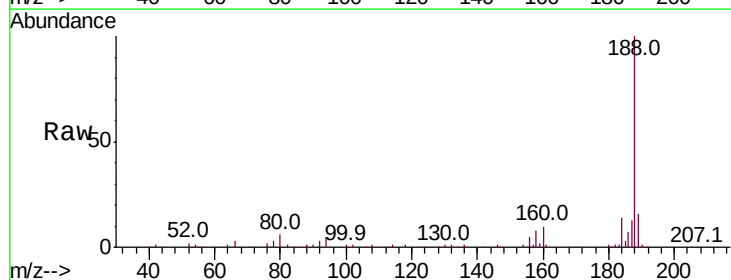
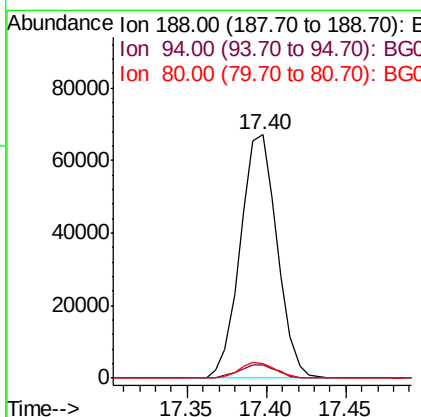
Manual Integrations
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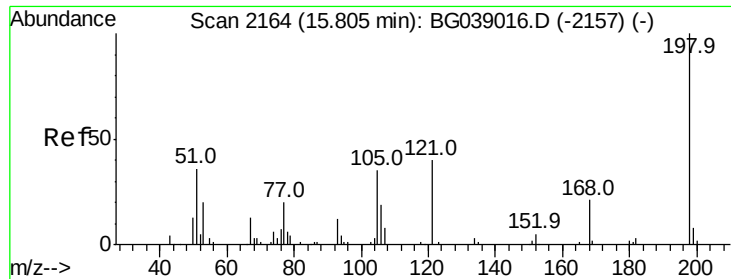
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion:	188	Resp:	108024
Ion Ratio	Lower	Upper	
188	100		
94	5.5	5.0	7.4
80	6.0	4.7	7.1





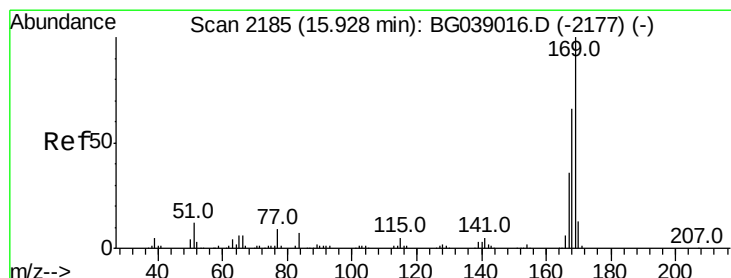
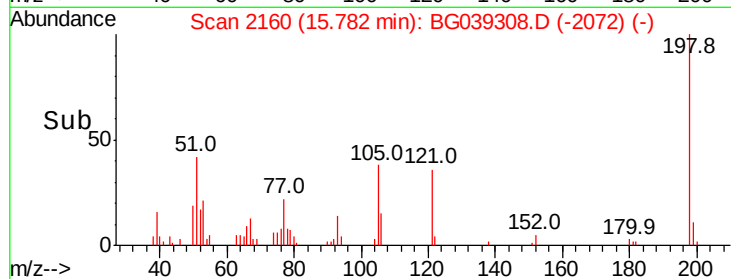
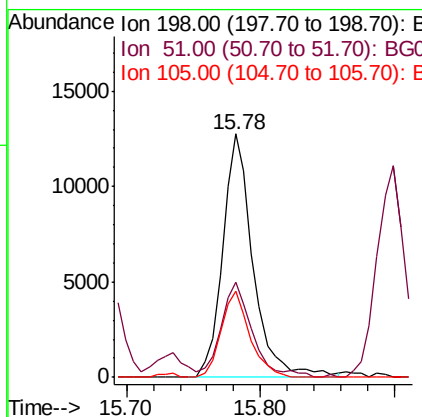
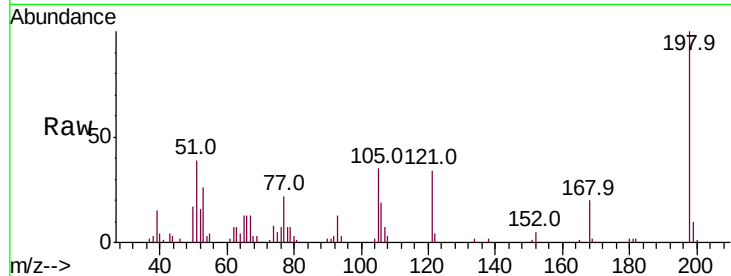
#65
 4,6-Dinitro-2-methylphenol
 Concen: 25.423 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG039308.D
 Acq: 26 Jan 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	20346		
51	39.1		20.8	60.8
105	35.5		16.1	56.1

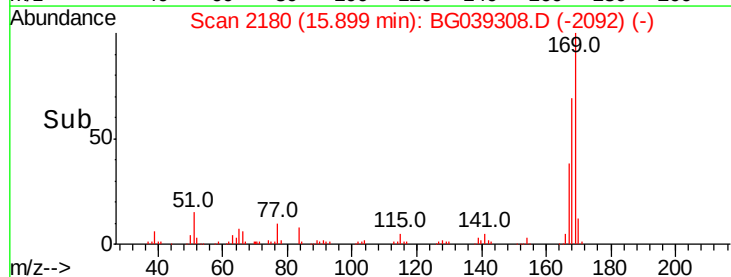
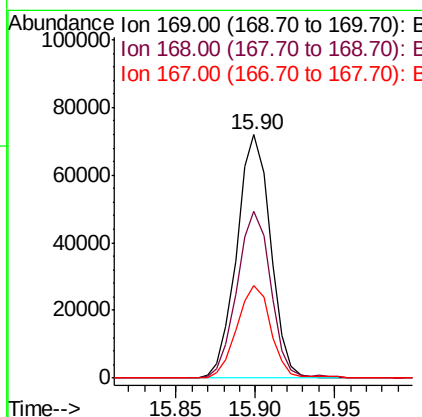
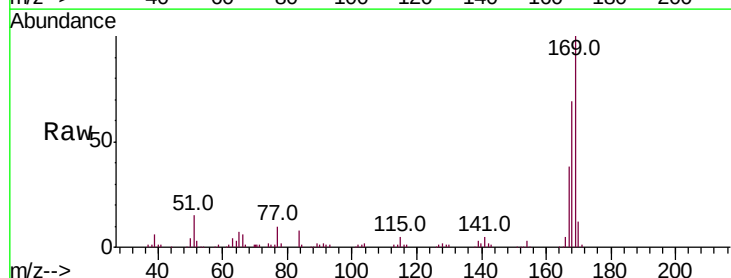
Manual Integrations
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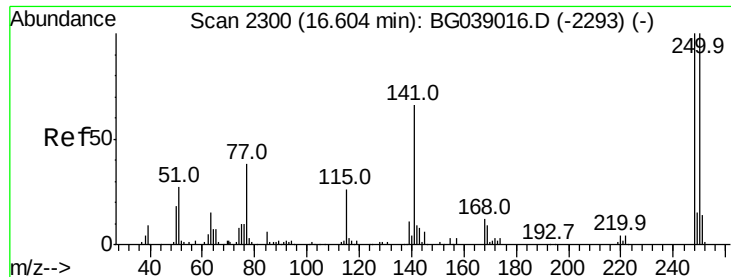
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 33.132 ng
 RT: 15.90 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BG039308.D
 Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	106100		
168	68.6		53.2	79.8
167	38.0		29.1	43.7





#67

4-Bromophenyl-phenylether

Concen: 33.653 ng

RT: 16.57 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA_G

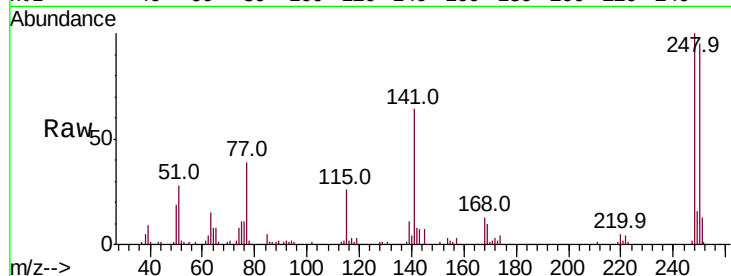
ClientSampleId :

PB116618BSD

Tot Ion:	248	Resp:	46731
Ion Ratio	Lower	Upper	
248	100		
250	95.3	79.9	119.9
141	63.7	52.7	79.1

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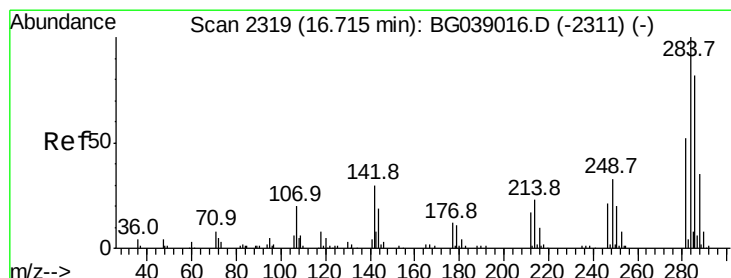
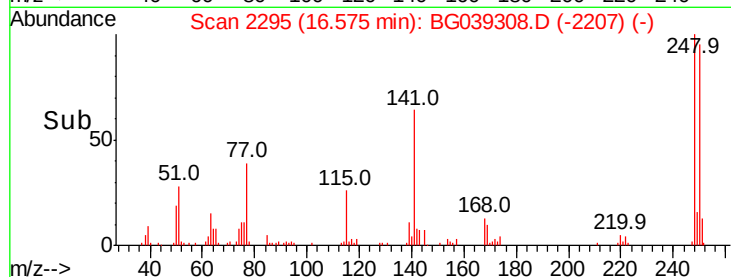
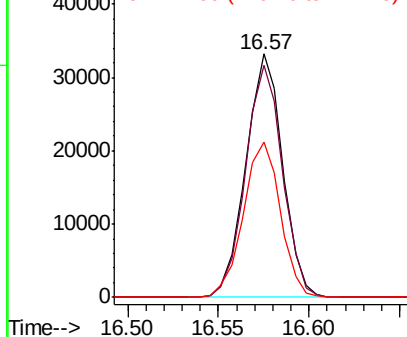


Abundance

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: 34.193 ng

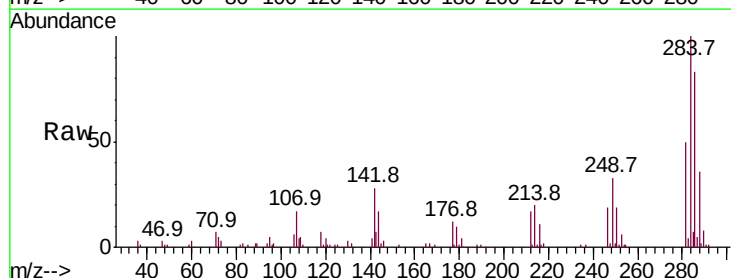
RT: 16.69 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Tgt Ion:	284	Resp:	51810
Ion Ratio	Lower	Upper	
284	100		
142	27.8	24.3	36.5
249	34.7	27.8	41.8

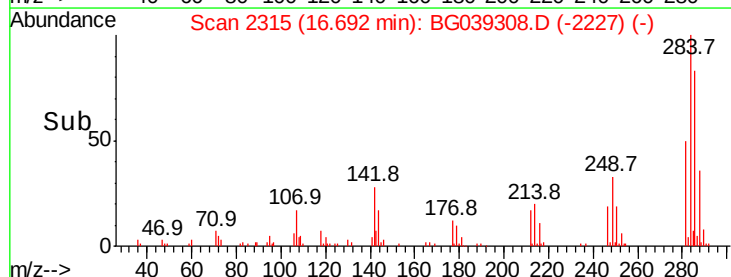
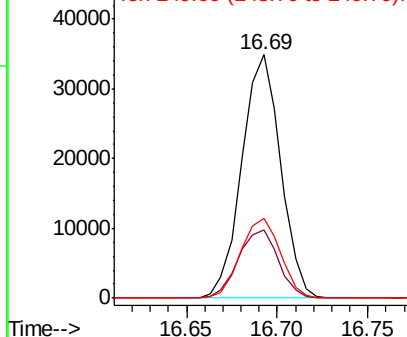


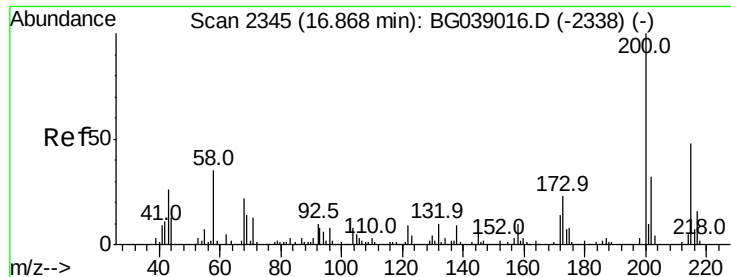
Abundance

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





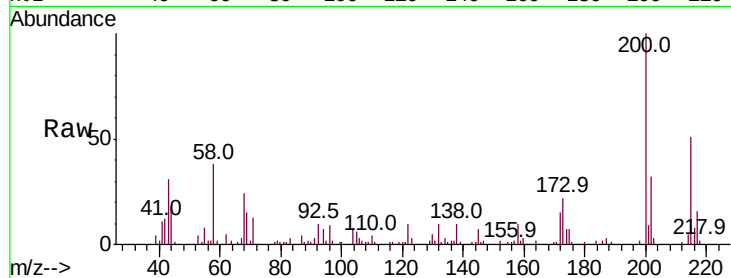
#69
Atrazine
Concen: 35.541 ng
RT: 16.84 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

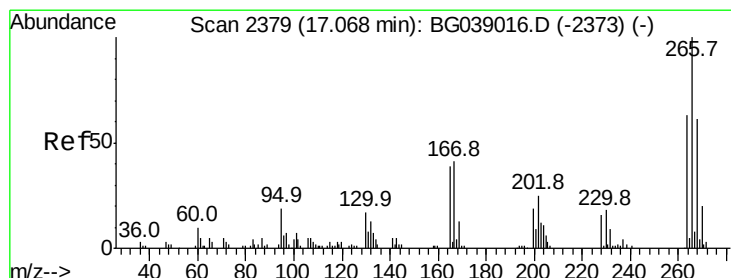
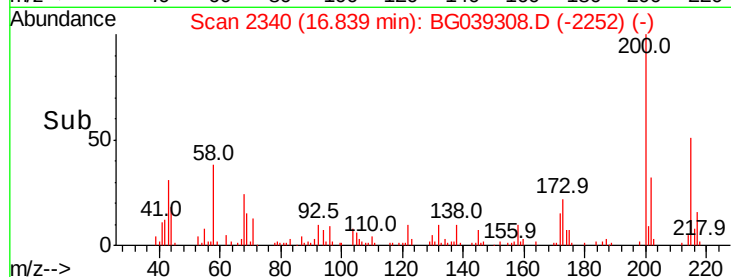
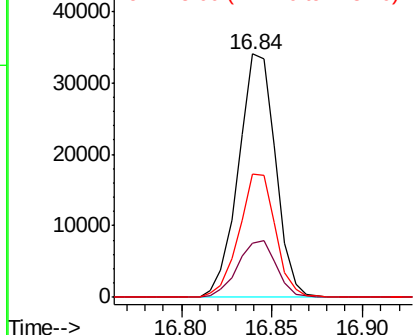
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.0	2.6	42.6
215	50.5	28.0	68.0

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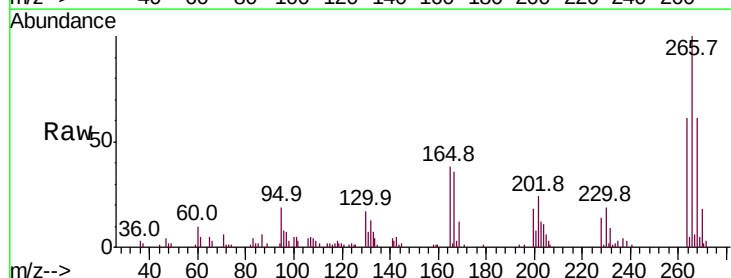


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

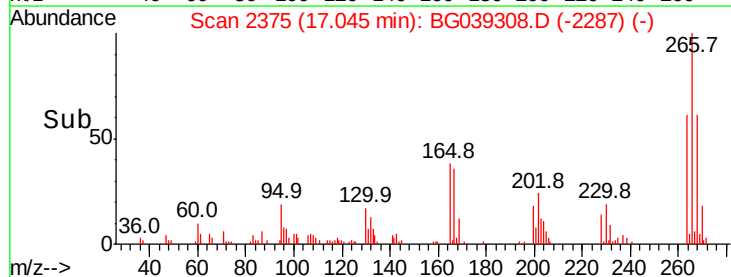
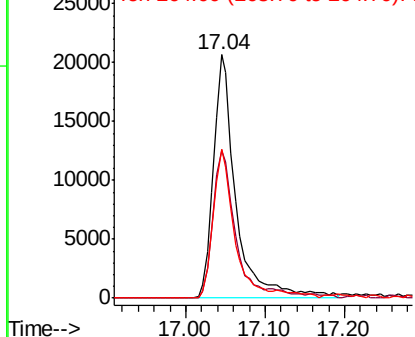


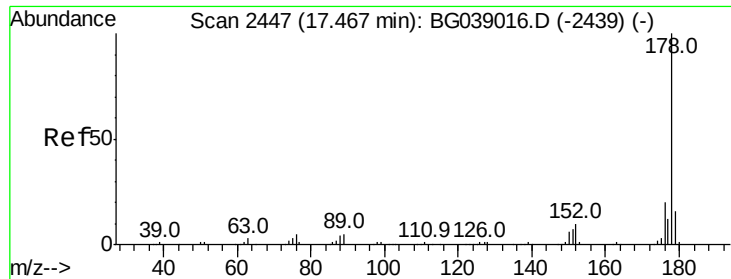
#70
Pentachlorophenol
Concen: 46.222 ng
RT: 17.04 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	52.0	78.0
264	66.7	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





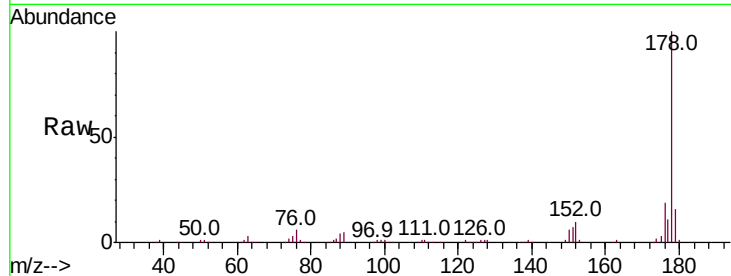
#71
Phenanthrene
Concen: 37.091 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

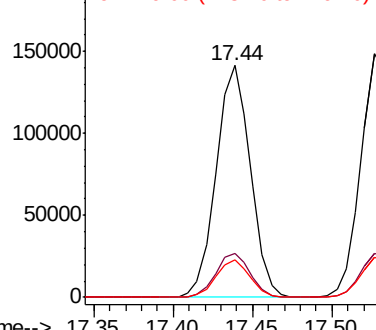
Tot Ion	Ratio	Resp	Lower	Upper
178	100	211785		
176	18.9		15.7	23.5
179	16.2		12.9	19.3

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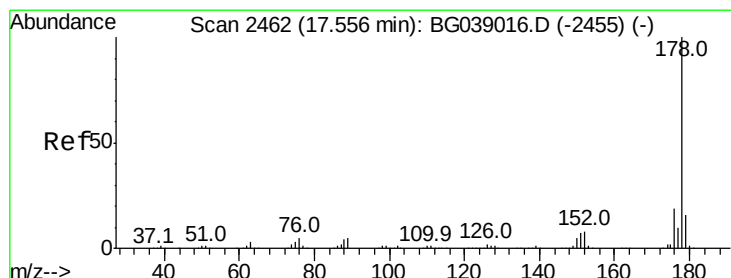
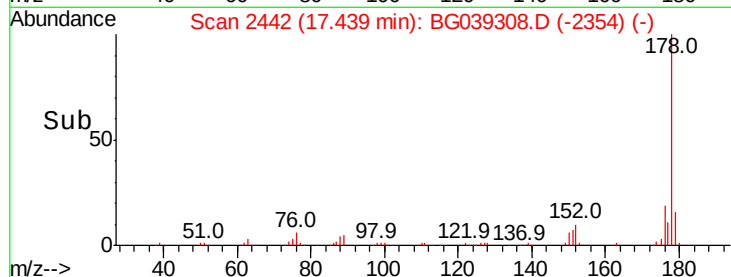
mohammad
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



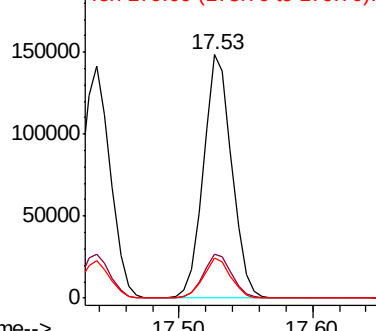
Time--> 17.35 17.40 17.45 17.50



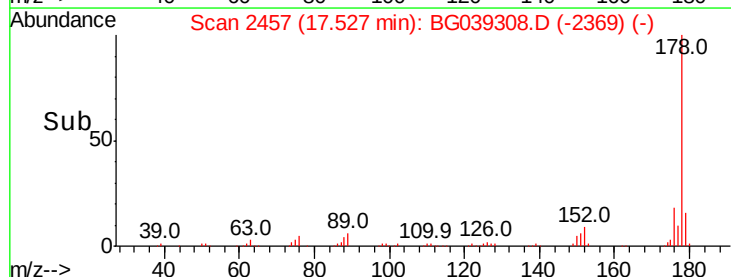
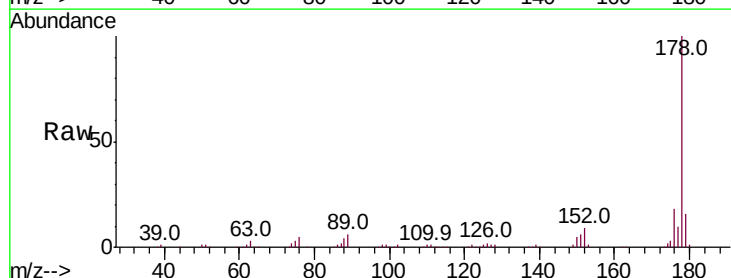
#72
Anthracene
Concen: 38.766 ng
RT: 17.53 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

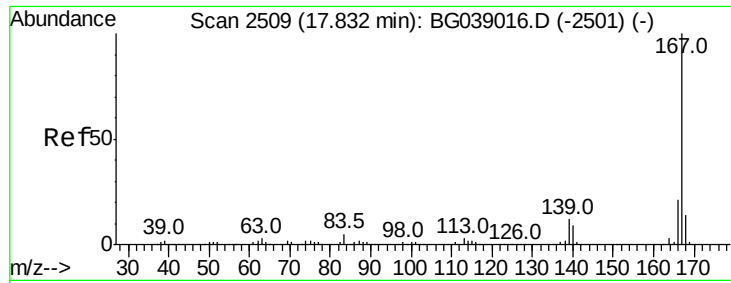
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	218852		
176	18.3		14.9	22.3
179	16.2		13.0	19.4

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--> 17.50 17.60





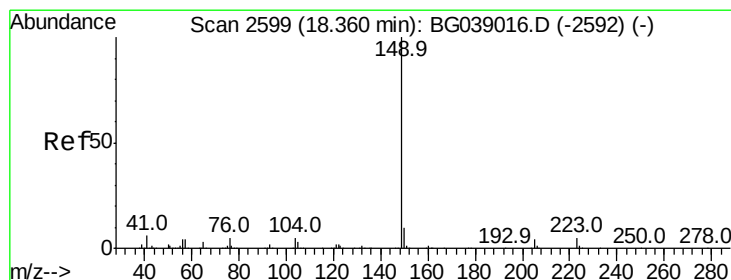
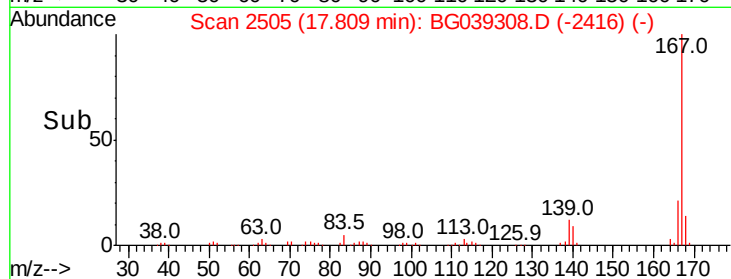
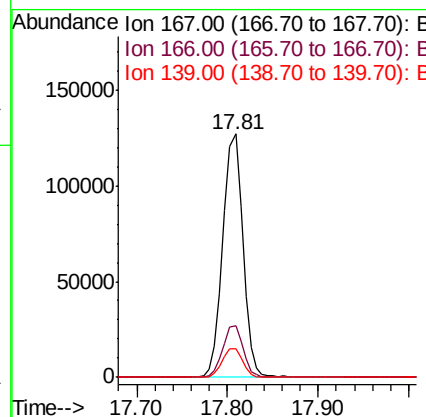
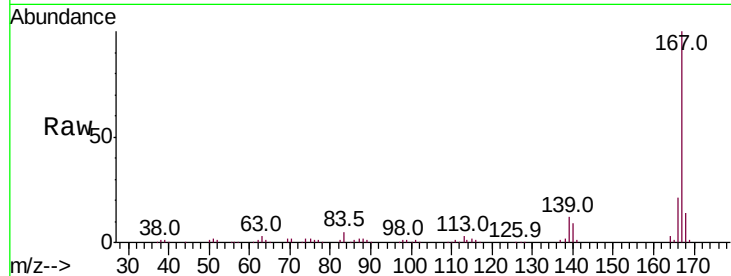
#73
 Carbazole
 Concen: 35.423 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BG039308.D
 Acq: 26 Jan 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	197417		
166	21.2	16.9	25.3	
139	11.5	10.0	15.0	

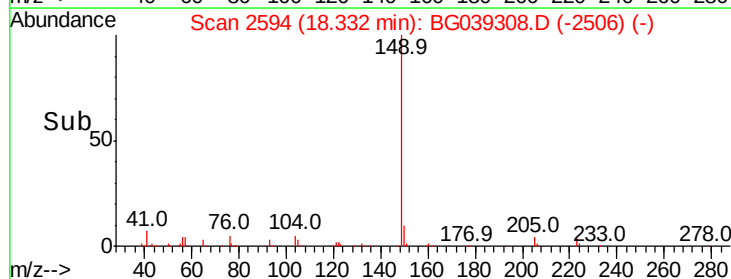
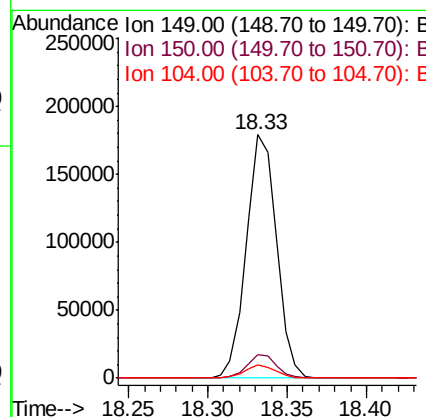
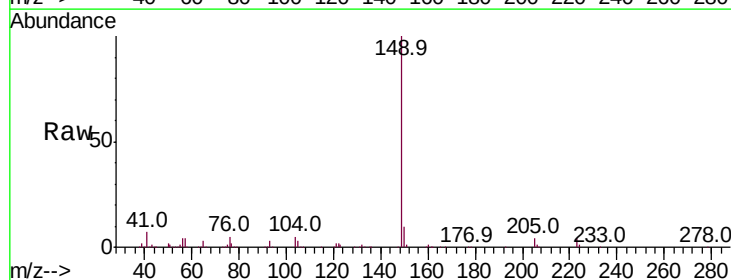
Manual Integrations
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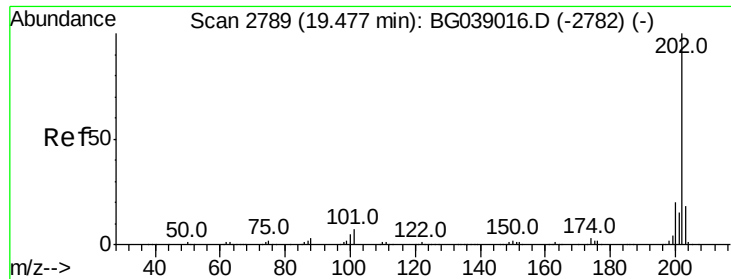
mohammad
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#74
 Di-n-butylphthalate
 Concen: 38.235 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BG039308.D
 Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	237056		
150	9.6	7.9	11.9	
104	5.5	4.2	6.2	





#75

Fluoranthene

Concen: 45.947 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA_G

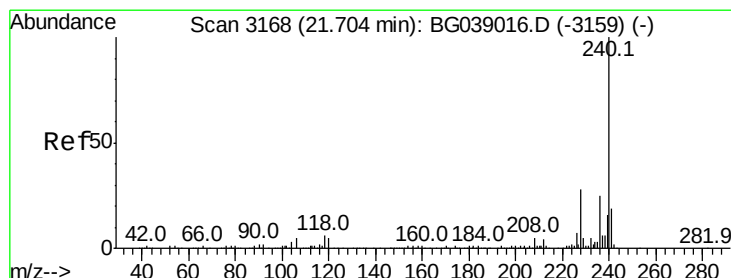
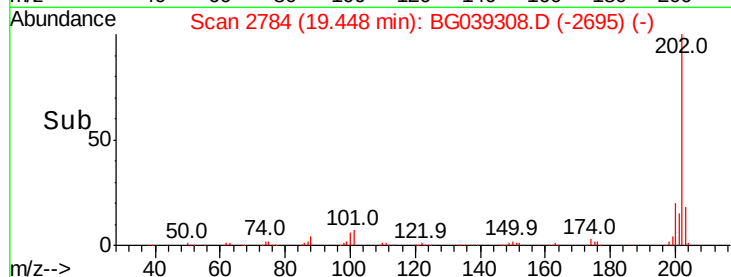
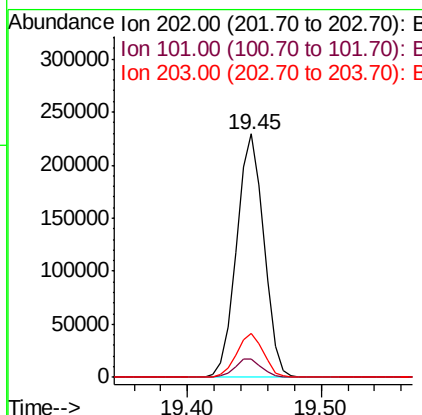
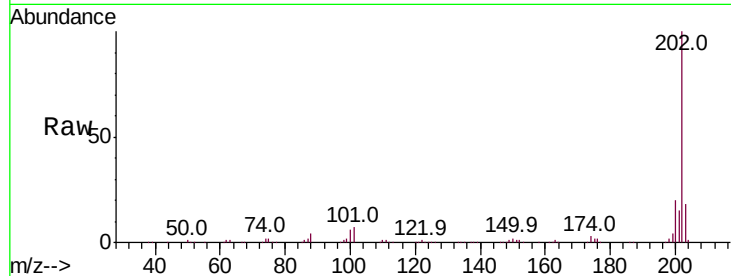
ClientSampleId :

PB116618BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	325232		
101	7.3	0.0	26.9	
203	17.8	0.0	38.1	

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#76

Chrysene-d12

Concen: 20.000 ng

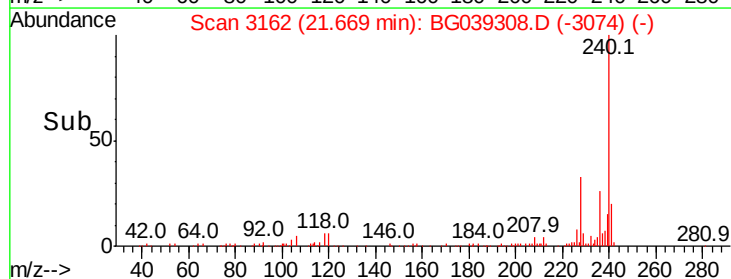
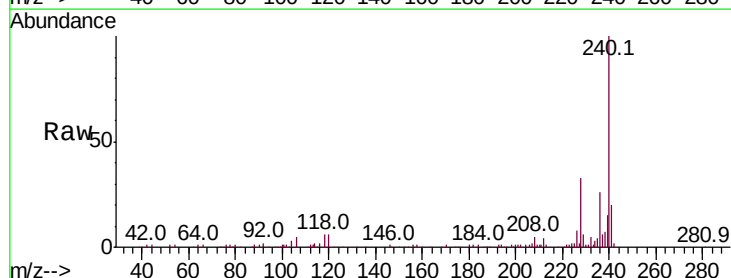
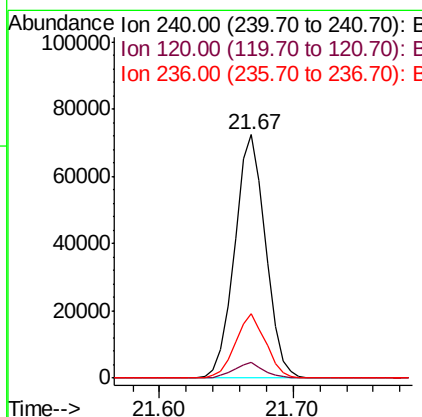
RT: 21.67 min Scan# 3162

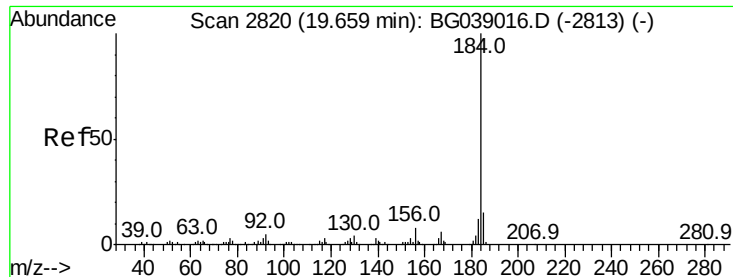
Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	115758		
120	6.3	4.3	6.5	
236	26.4	20.1	30.1	





#77

Benzidine

Concen: 16.024 ng

RT: 19.64 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA_G

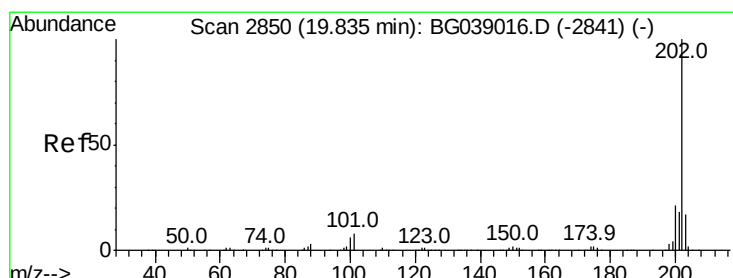
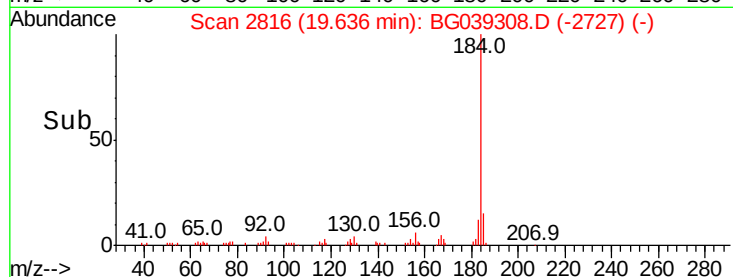
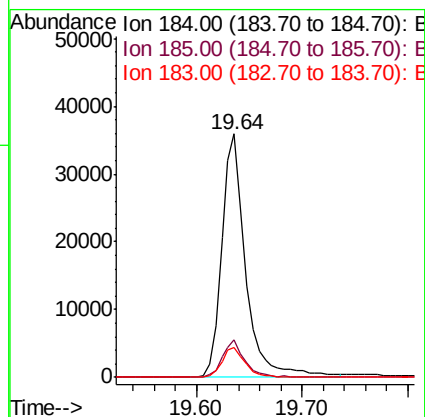
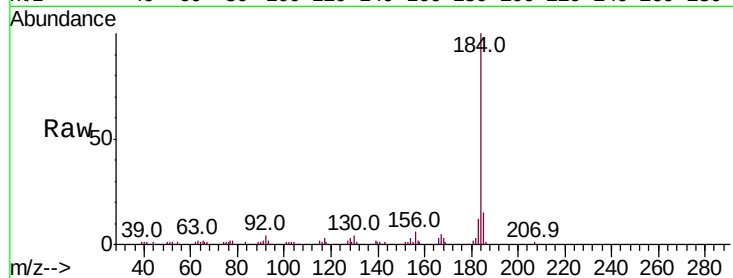
ClientSampleId :

PB116618BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.1	18.1
183	12.1	9.5	14.3

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#78

Pyrene

Concen: 40.954 ng

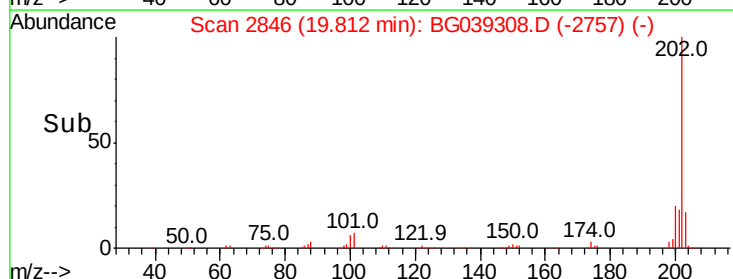
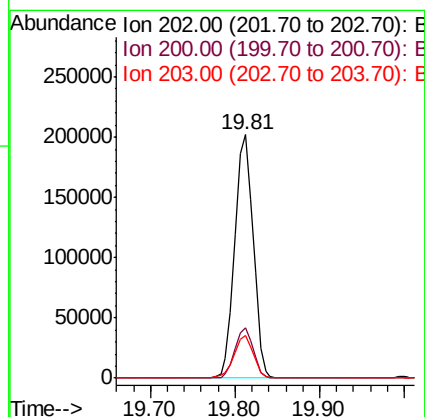
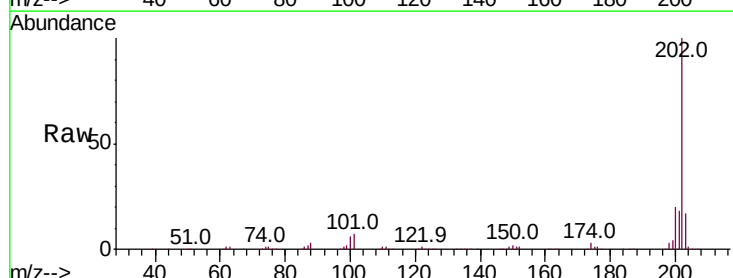
RT: 19.81 min Scan# 2846

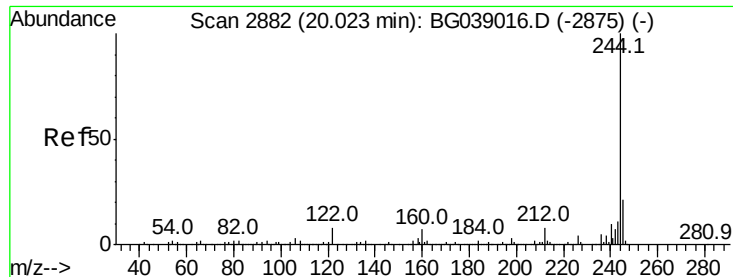
Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.6
203	17.3	14.0	21.0





#79

Terphenyl-d14

Concen: 64.880 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA_G

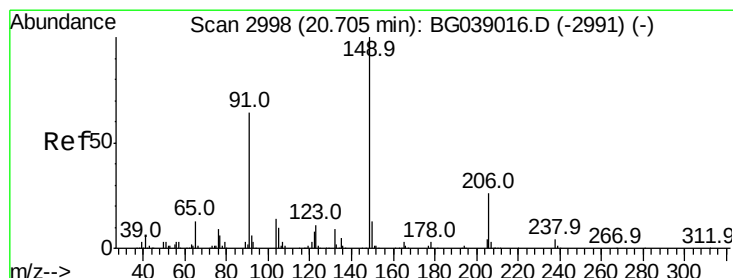
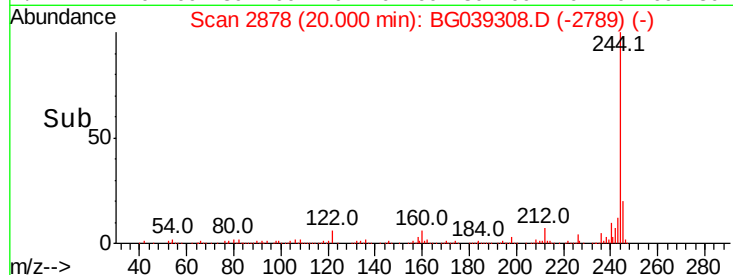
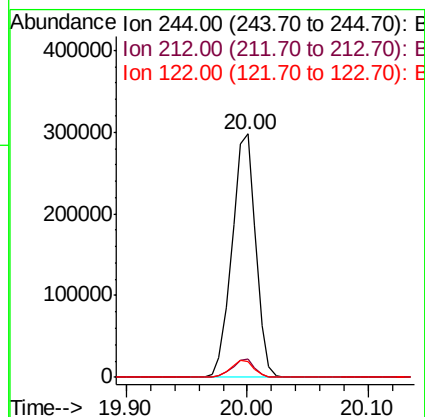
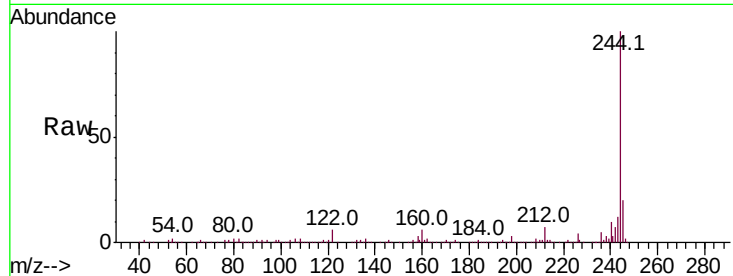
ClientSampleId :

PB116618BSD

Tot Ion:	244	Resp:	405993
Ion Ratio		Lower	Upper
244	100		
212	7.3	6.1	9.1
122	6.3	6.1	9.1

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#80

Butylbenzylphthalate

Concen: 37.298 ng

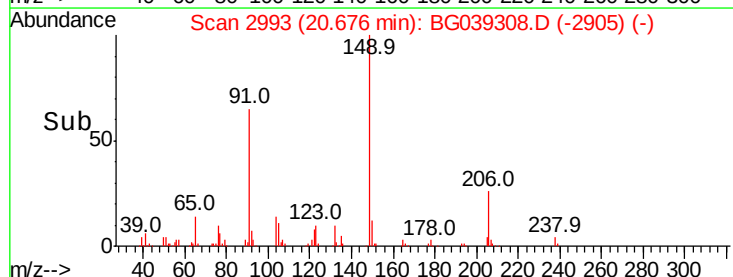
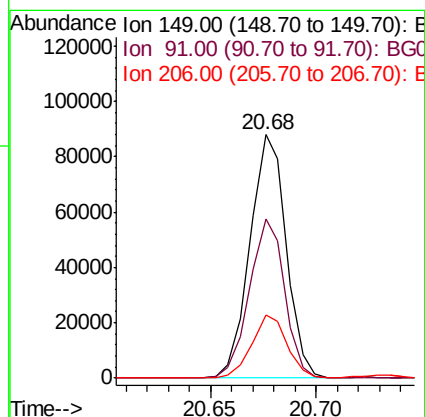
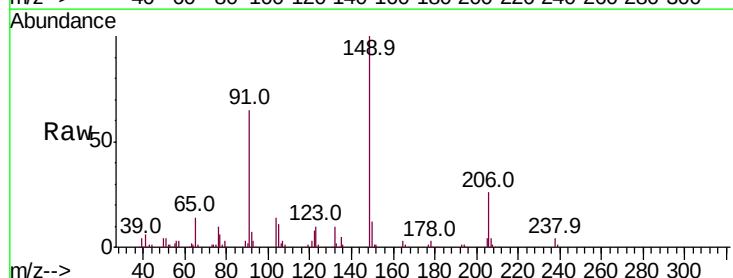
RT: 20.68 min Scan# 2993

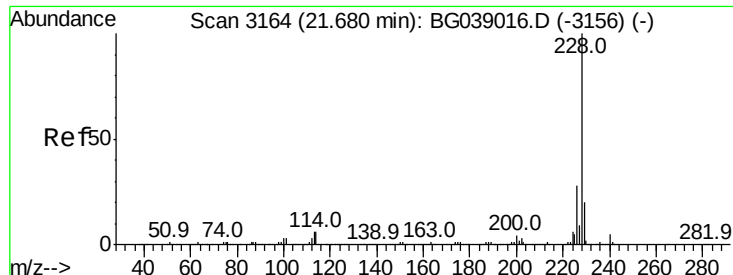
Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Tgt Ion:	149	Resp:	104650
Ion Ratio		Lower	Upper
149	100		
91	65.1	51.4	77.0
206	26.0	20.4	30.6





#81

Benzo(a)anthracene

Concen: 38.902 ng

RT: 21.65 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA_G

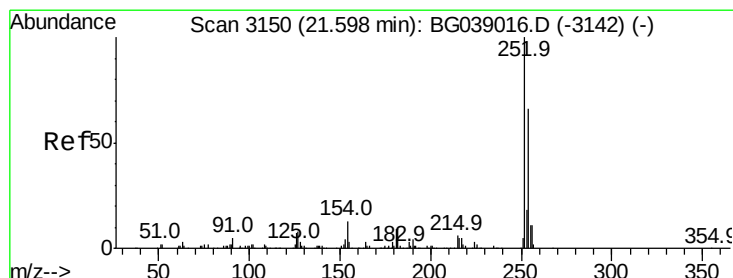
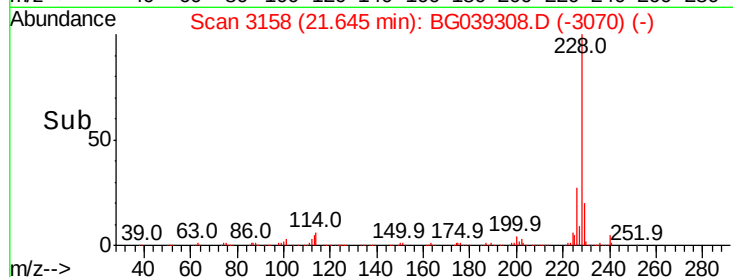
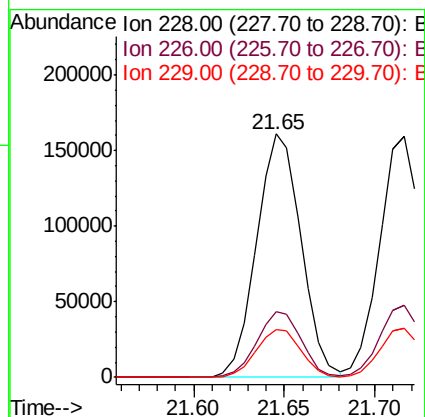
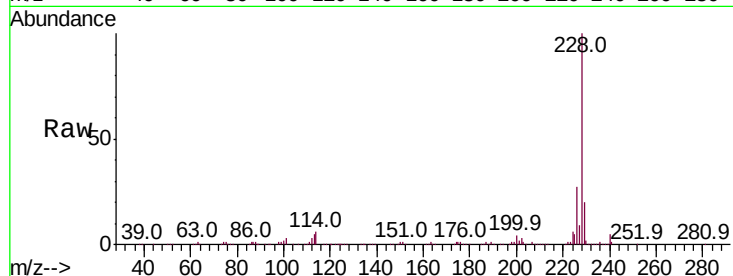
ClientSampleId :

PB116618BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.4	33.6
229	19.8	16.2	24.2

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#82

3,3'-Dichlorobenzidine

Concen: 14.855 ng

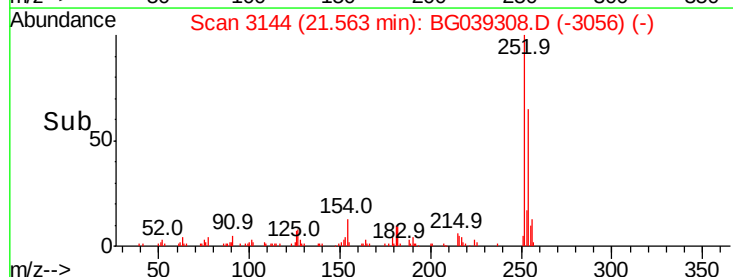
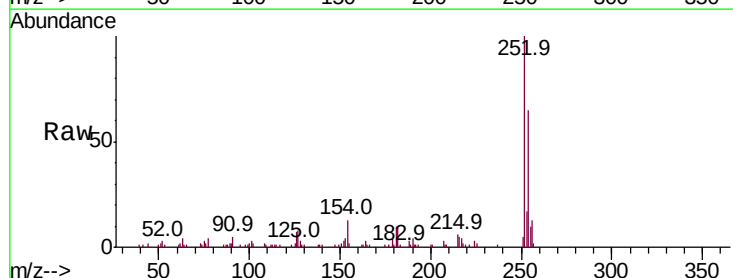
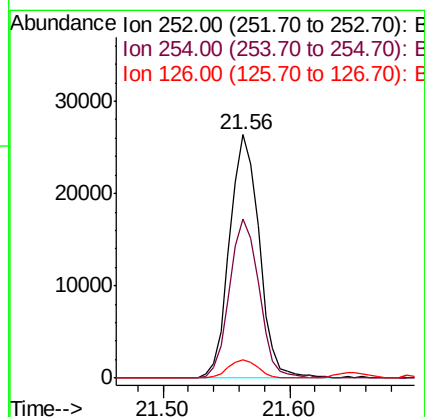
RT: 21.56 min Scan# 3144

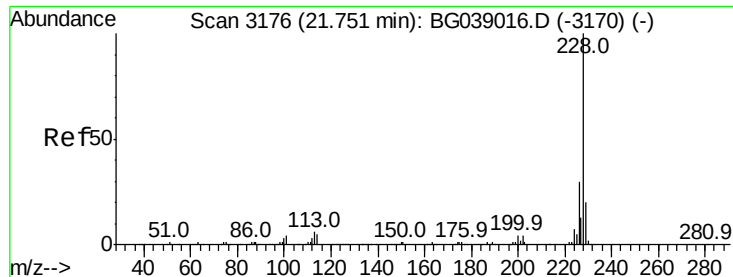
Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	53.0	79.6
126	7.3	6.0	9.0





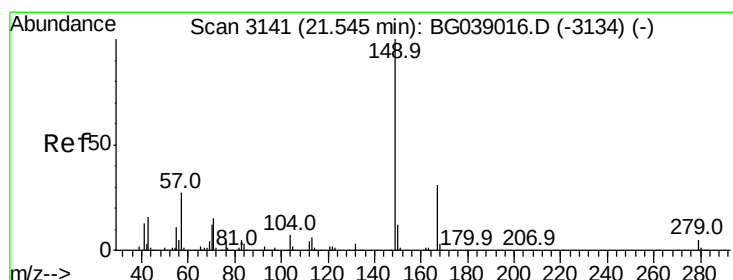
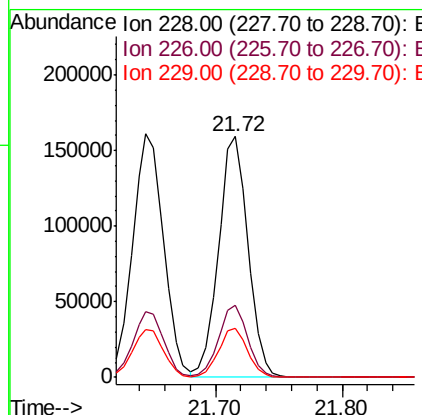
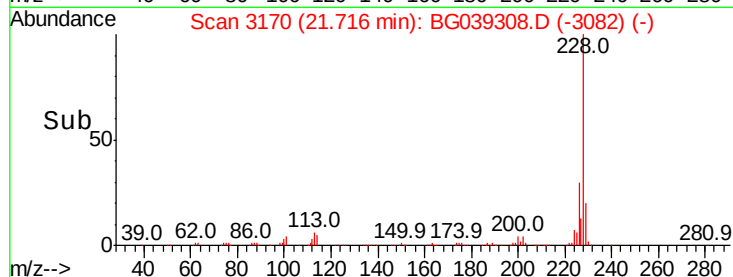
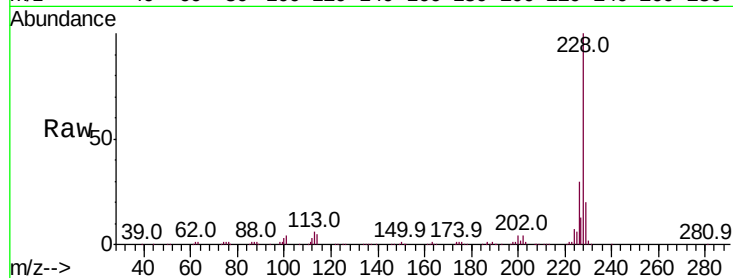
#83
Chrysene
Concen: 38.238 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	20.2	16.0	24.0

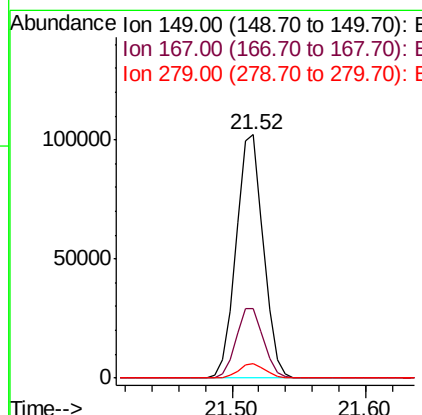
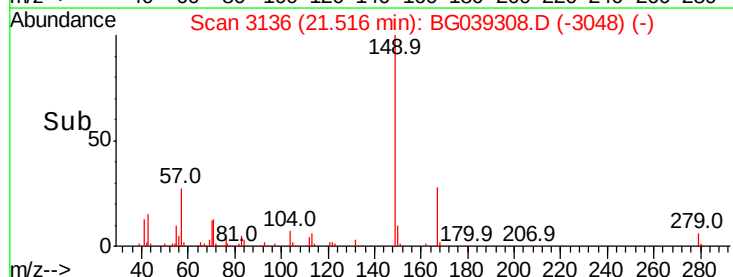
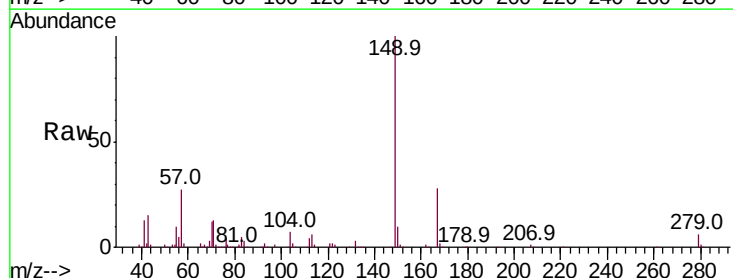
Manual Integrations
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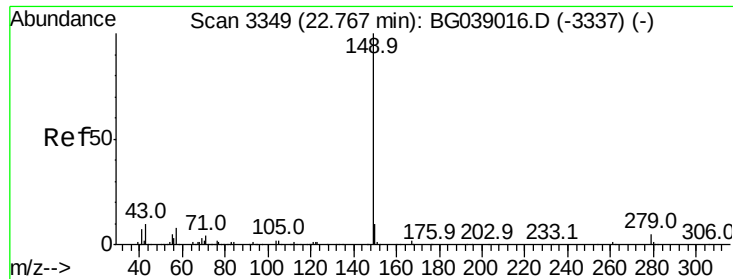
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.159 ng
RT: 21.52 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	25.0	37.4
279	5.7	4.3	6.5





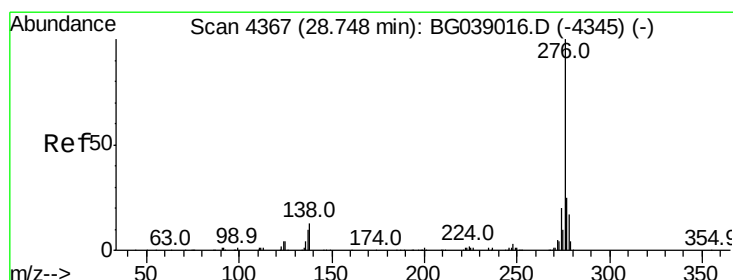
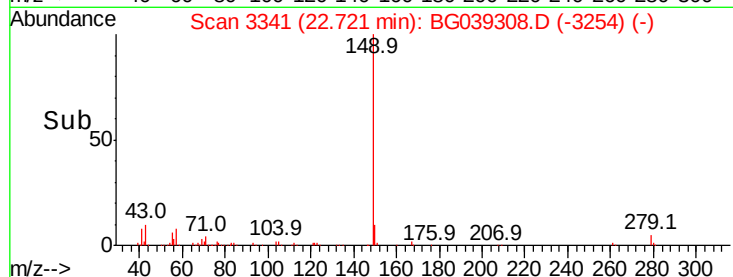
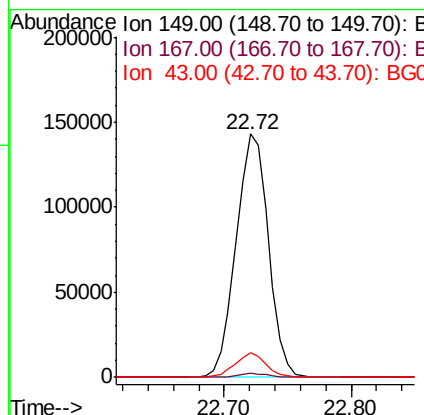
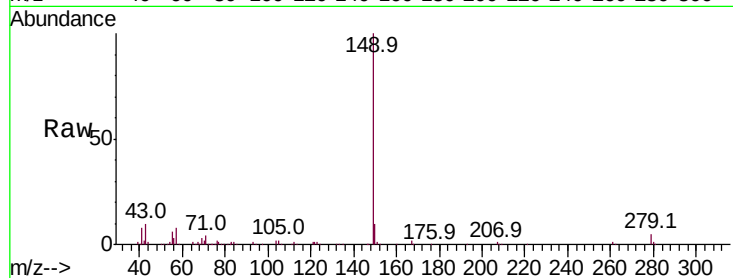
#85
Di-n-octyl phthalate
Concen: 38.288 ng
RT: 22.72 min Scan# 3341
Delta R.T. -0.02 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	252226		
167	1.6		1.3	1.9
43	9.6		7.5	11.3

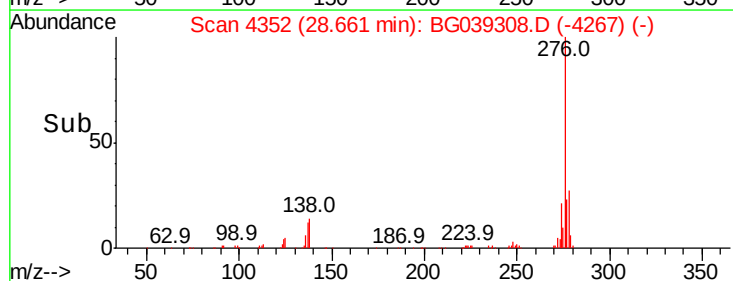
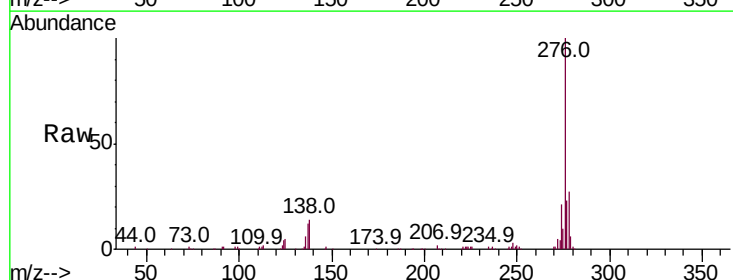
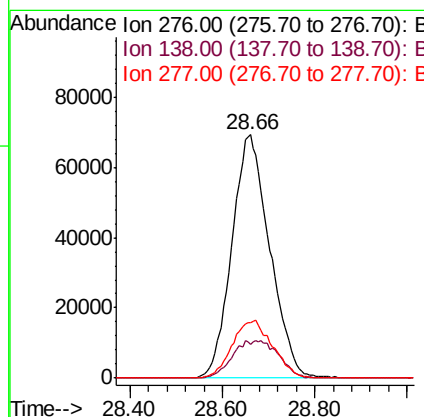
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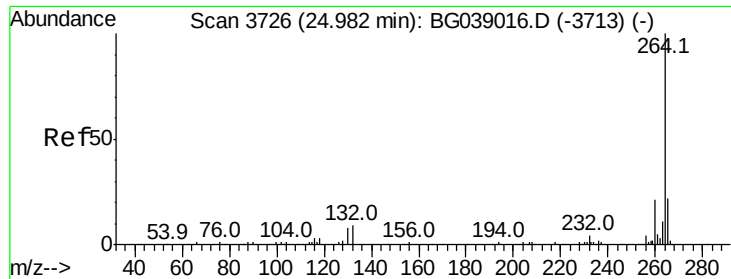
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 49.284 ng
RT: 28.66 min Scan# 4352
Delta R.T. -0.03 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	394682		
138	0.0		8.0	12.0#
277	25.3		20.3	30.5





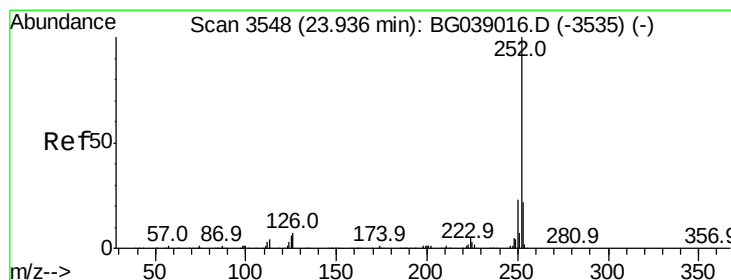
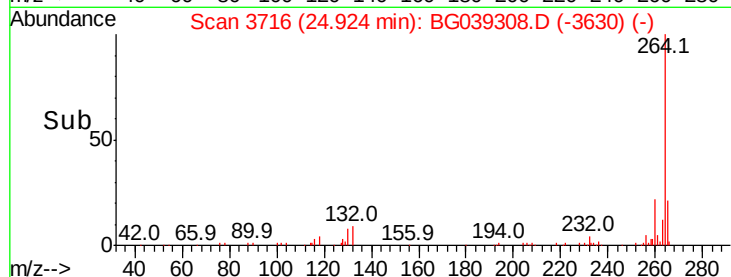
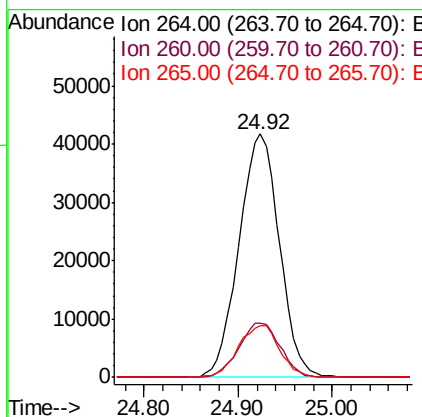
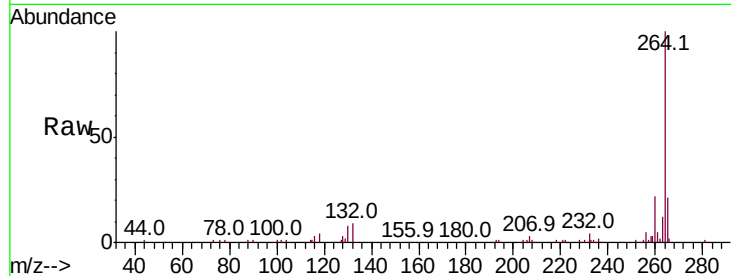
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.0	25.6
265	21.1	17.2	25.8

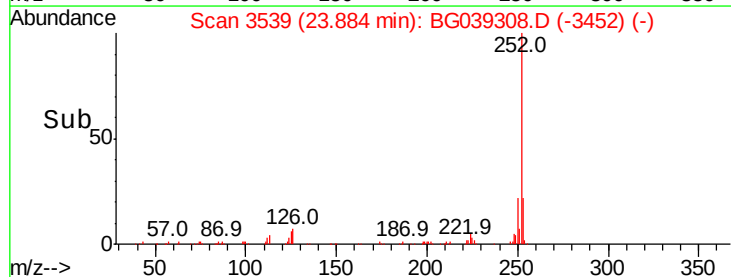
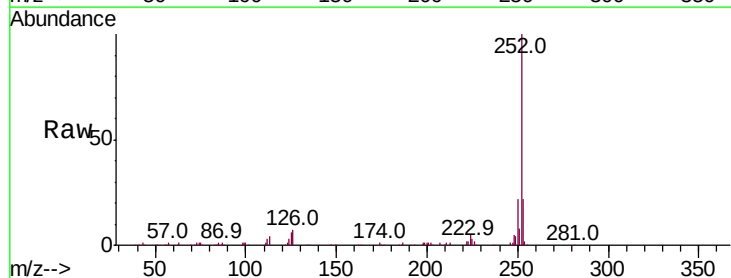
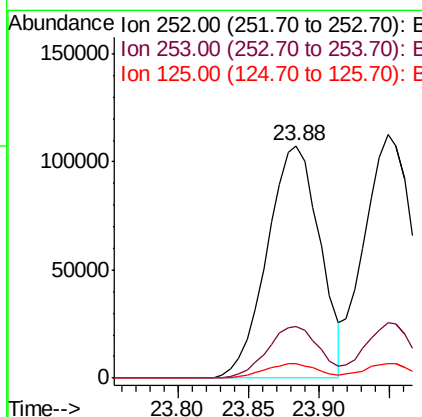
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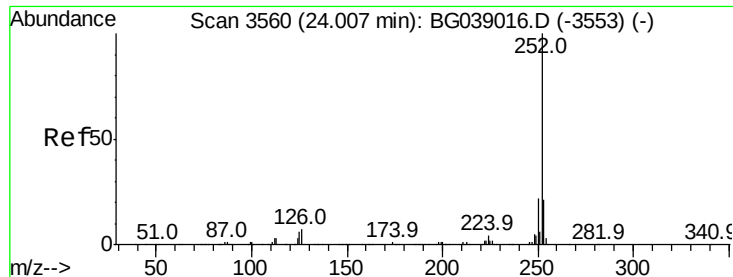
mohammad
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#88
Benzo(b)fluoranthene
Concen: 40.902 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.02 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	6.1	4.9	7.3





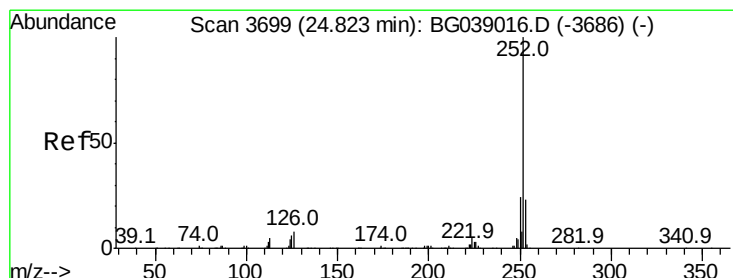
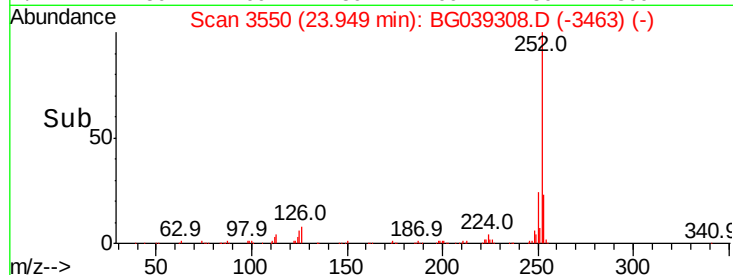
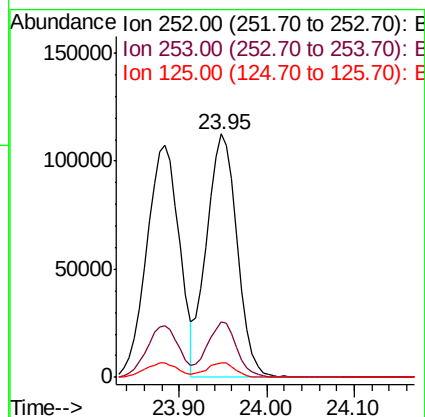
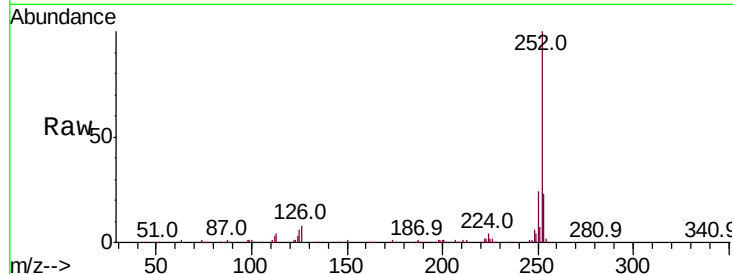
#89
Benzo(k)fluoranthene
Concen: 40.406 ng
RT: 23.95 min Scan# 3550
Delta R.T. -0.02 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	6.1	4.6	7.0

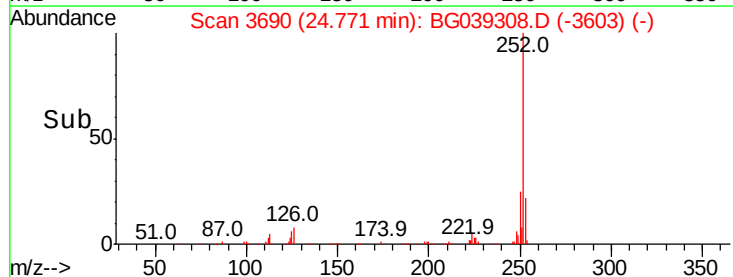
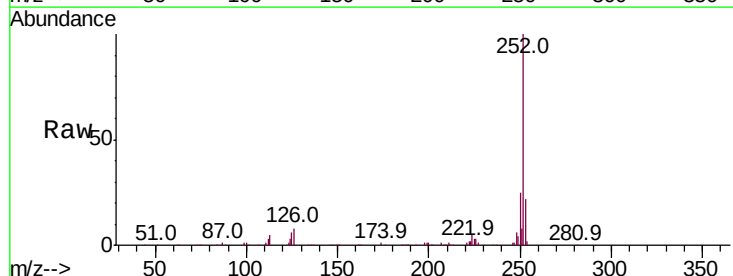
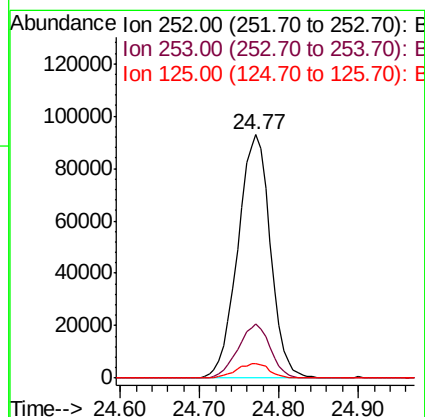
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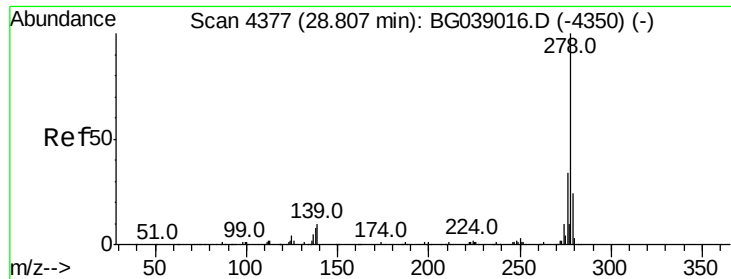
mohammad
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#90
Benzo(a)pyrene
Concen: 39.938 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	5.8	4.9	7.3





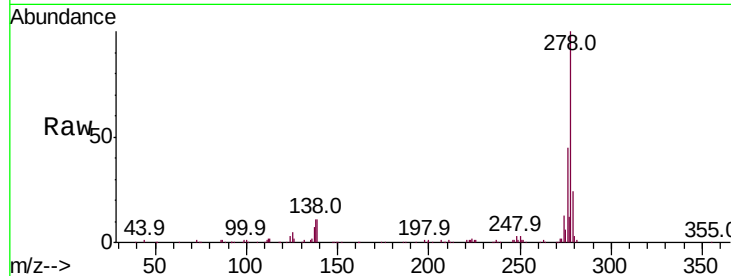
#91
Dibenzo(a,h)anthracene
Concen: 49.357 ng
RT: 28.71 min Scan# 4360
Delta R.T. -0.04 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.1	7.9	11.9
279	24.3	19.3	28.9

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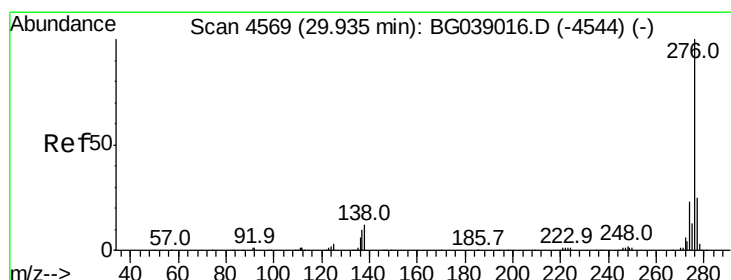
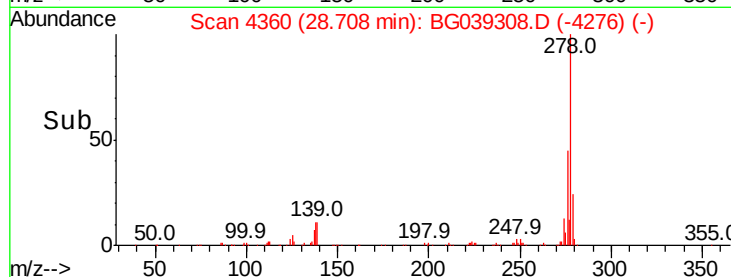
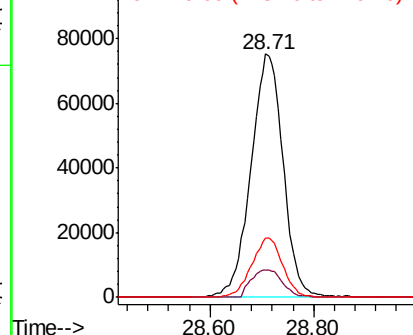


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.599 ng
RT: 29.83 min Scan# 4551
Delta R.T. -0.04 min
Lab File: BG039308.D
Acq: 26 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	20.3	30.5
138	11.5	9.4	14.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

