

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
 Data File : BG040991.D
 Acq On : 1 Jun 2019 00:57
 Operator : HP/JU
 Sample : PB119943BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119943BSD

Manual Integrations
 APPROVED

mohammad
 6/3/2019 8:50:24 AM

Quant Time: Jun 01 05:59:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	64368	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	256335	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	192100	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	497299	20.00	ng	0.00
76) Chrysene-d12	21.78	240	500490	20.00	ng	0.00
87) Perylene-d12	25.12	264	446765	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	450941	126.33	ng	0.00
7) Phenol-d6	7.27	99	613339	111.25	ng	0.00
23) Nitrobenzene-d5	9.30	82	484090	83.84	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	332071	116.44	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1051243	78.81	ng	0.00
79) Terphenyl-d14	20.09	244	1941504	82.33	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.52	88	51144	31.574 ng	95
3) Pyridine	3.92	79	141180	29.455 ng	95
4) n-Nitrosodimethylamine	3.85	42	80756	36.303 ng	93
6) Aniline	7.44	93	161425	21.937 ng	96
8) 2-Chlorophenol	7.68	128	158563	37.259 ng	97
9) Benzaldehyde	7.26	77	43882	13.344 ng	91
10) Phenol	7.29	94	210922	35.683 ng	100
11) bis(2-Chloroethyl)ether	7.54	93	145635	33.963 ng	99
12) 1,3-Dichlorobenzene	8.01	146	171558	33.753 ng	98
13) 1,4-Dichlorobenzene	8.16	146	176200	34.247 ng	98
14) 1,2-Dichlorobenzene	8.48	146	164033	32.836 ng	96
15) Benzyl Alcohol	8.36	79	176476	34.605 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	235388	33.593 ng	97
17) 2-Methylphenol	8.55	107	149225	34.867 ng	98
18) Hexachloroethane	9.20	117	65375	32.969 ng	92
19) n-Nitroso-di-n-propylamine	8.93	70	139588	32.902 ng	97
20) 3+4-Methylphenols	8.88	107	203787	34.375 ng	97
22) Acetophenone	8.95	105	261840	36.414 ng	# 96
24) Nitrobenzene	9.35	77	216463	36.786 ng	100
25) Isophorone	9.86	82	386973	35.216 ng	97
26) 2-Nitrophenol	10.06	139	93901	38.709 ng	96
27) 2,4-Dimethylphenol	10.09	122	163848	40.897 ng	93
28) bis(2-Chloroethoxy)methane	10.34	93	208210	35.106 ng	97
29) 2,4-Dichlorophenol	10.58	162	183286	36.026 ng	97
30) 1,2,4-Trichlorobenzene	10.80	180	201237	34.770 ng	98
31) Naphthalene	11.00	128	489040	35.533 ng	98
32) Benzoic acid	10.23	122	97390	34.097 ng	98
33) 4-Chloroaniline	11.10	127	114076	17.864 ng	97
34) Hexachlorobutadiene	11.25	225	149201	33.692 ng	97
35) Caprolactam	11.89	113	58501m	34.821 ng	
36) 4-Chloro-3-methylphenol	12.21	107	206384	35.520 ng	97
37) 2-Methylnaphthalene	12.59	142	370900	34.991 ng	96
38) 1-Methylnaphthalene	12.81	142	354607	35.501 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	271179	35.024 ng	99

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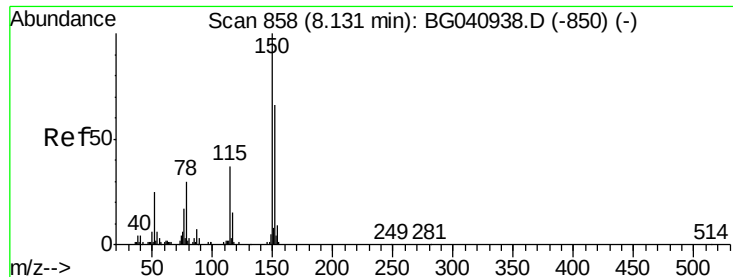
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	288908	70.505	ng	96
43) 2,4,6-Trichlorophenol	13.19	196	173471	34.633	ng	97
44) 2,4,5-Trichlorophenol	13.26	196	183136	34.668	ng	96
46) 1,1'-Biphenyl	13.59	154	500420	35.192	ng	97
47) 2-Chloronaphthalene	13.63	162	411329	33.695	ng	99
48) 2-Nitroaniline	13.84	65	151897	34.685	ng	93
49) Acenaphthylene	14.48	152	644921	35.102	ng	98
50) Dimethylphthalate	14.20	163	551667	33.925	ng	99
51) 2,6-Dinitrotoluene	14.33	165	120395	34.339	ng	98
52) Acenaphthene	14.82	154	375171	33.708	ng	95
53) 3-Nitroaniline	14.66	138	83813	23.906	ng	94
54) 2,4-Dinitrophenol	14.87	184	148058	80.722	ng	95
55) Dibenzofuran	15.15	168	655364	34.994	ng	97
56) 4-Nitrophenol	14.96	139	189723	78.894	ng	88
57) 2,4-Dinitrotoluene	15.12	165	177980	35.937	ng	99
58) Fluorene	15.80	166	523749	35.116	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	198555	38.247	ng	98
60) Diethylphthalate	15.56	149	564455	34.013	ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	329593	33.998	ng	96
62) 4-Nitroaniline	15.83	138	125328	33.766	ng	98
63) Azobenzene	16.08	77	534340	35.426	ng	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	107125	41.596	ng	98
66) n-Nitrosodiphenylamine	16.00	169	480345	34.360	ng	99
67) 4-Bromophenyl-phenylether	16.68	248	219964	32.775	ng	96
68) Hexachlorobenzene	16.79	284	225730	31.586	ng	98
69) Atrazine	16.94	200	202438	37.529	ng	99
70) Pentachlorophenol	17.14	266	278589	73.155	ng	98
71) Phenanthrene	17.54	178	904824	34.931	ng	99
72) Anthracene	17.63	178	919938	36.008	ng	99
73) Carbazole	17.90	167	815363	37.195	ng	99
74) Di-n-butylphthalate	18.43	149	969982	35.602	ng	99
75) Fluoranthene	19.54	202	1181958	36.942	ng	100
77) Benzidine	19.72	184	383667	32.135	ng	99
78) Pyrene	19.90	202	1193167	36.673	ng	99
80) Butylbenzylphthalate	20.77	149	450900	35.612	ng	99
81) Benzo(a)anthracene	21.75	228	1154297	34.647	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	304783	26.010	ng	99
83) Chrysene	21.82	228	1135209	35.607	ng	96
84) Bis(2-ethylhexyl)phthalate	21.63	149	613423	34.417	ng	100
85) Di-n-octyl phthalate	22.87	149	1028441	34.646	ng	100
86) Indeno(1,2,3-cd)pyrene	28.95	276	1355440	34.706	ng	99
88) Benzo(b)fluoranthene	24.05	252	1176330	43.410	ng	99
89) Benzo(k)fluoranthene	24.12	252	1146103	42.741	ng	98
90) Benzo(a)pyrene	24.96	252	1142421	44.189	ng	96
91) Dibenzo(a,h)anthracene	29.02	278	1121971	43.432	ng	99
92) Benzo(g,h,i)perylene	30.17	276	1124706	44.814	ng	97

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



#1

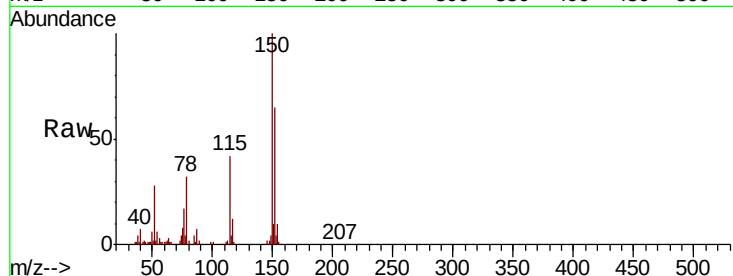
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	120.6	180.8
115	65.7	45.1	67.7

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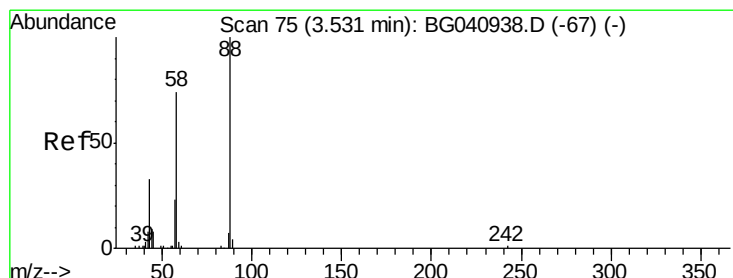
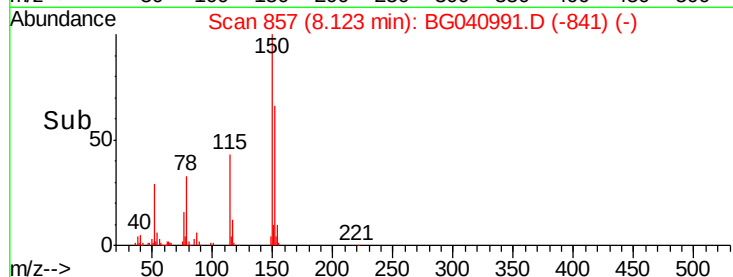
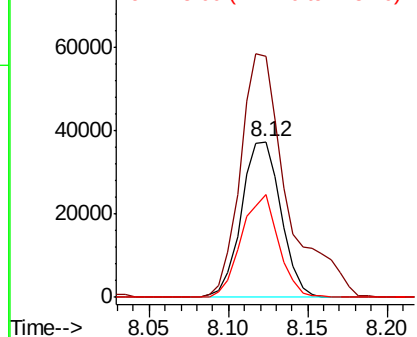


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

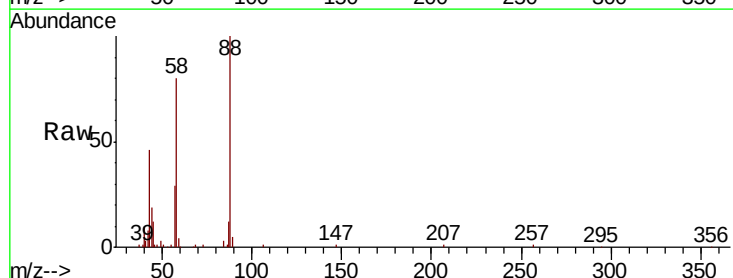
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.574 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.9	59.0	88.6
43	36.6	27.2	40.8

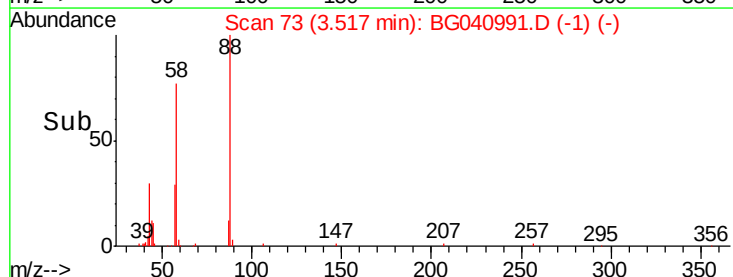
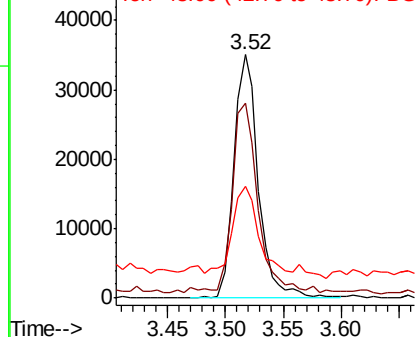


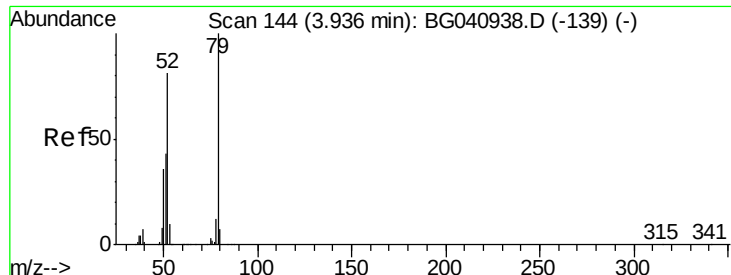
Abundance

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: 29.455 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Instrument :

BNA_G

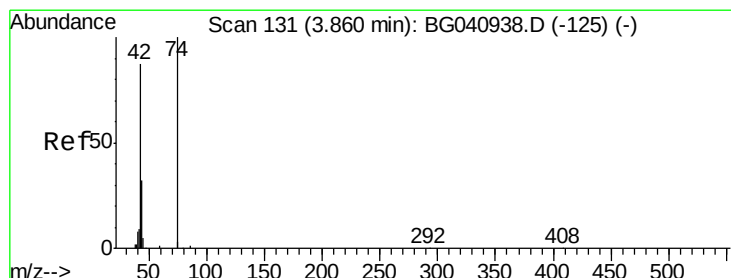
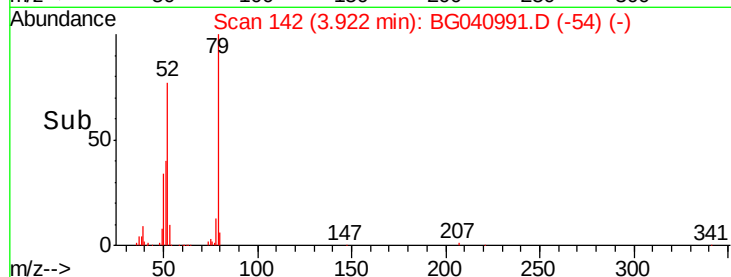
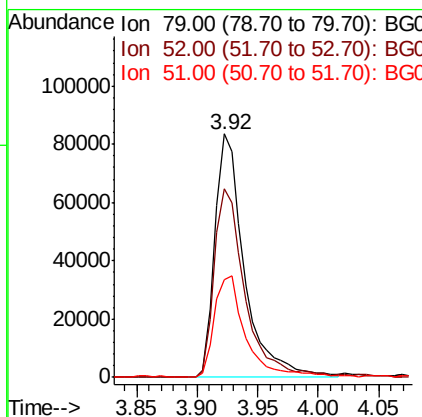
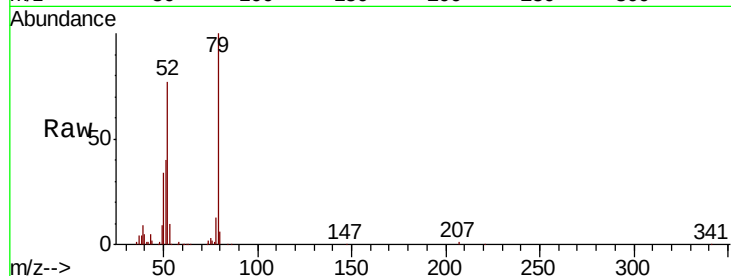
ClientSampleId :

PB119943BSD

Tot Ion:	79	Resp:	141180
Ion	Ratio	Lower	Upper
79	100		
52	77.4	64.8	97.2
51	40.2	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 36.303 ng

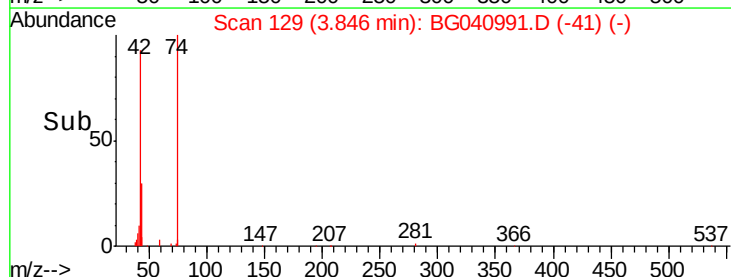
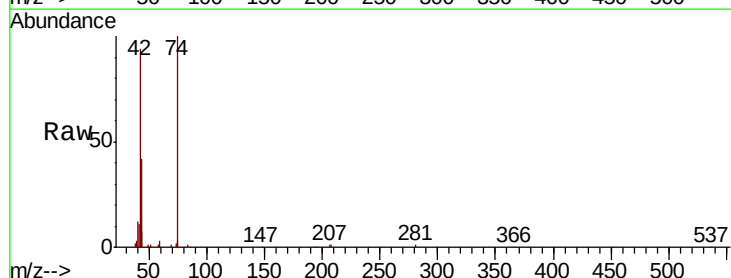
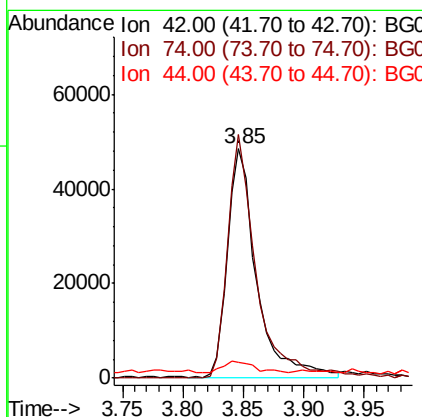
RT: 3.85 min Scan# 129

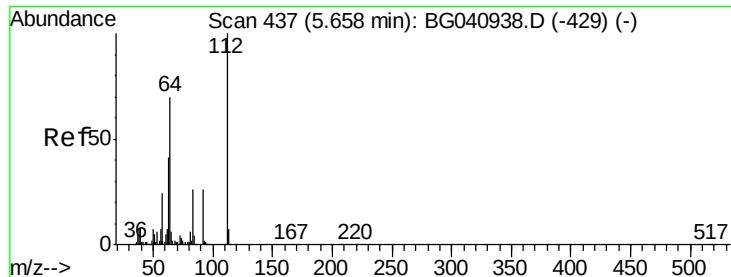
Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Tgt Ion:	42	Resp:	80756
Ion	Ratio	Lower	Upper
42	100		
74	106.2	91.8	137.6
44	7.0	6.0	9.0





#5

2-Fluorophenol

Concen: 126.327 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Instrument :

BNA_G

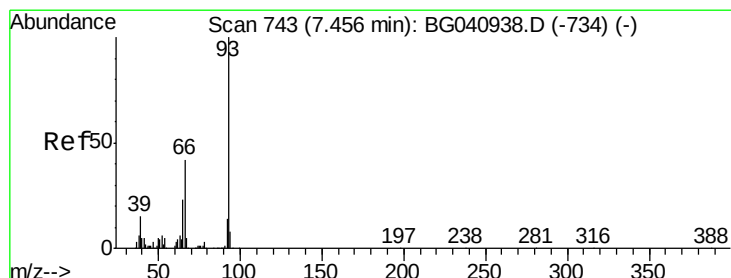
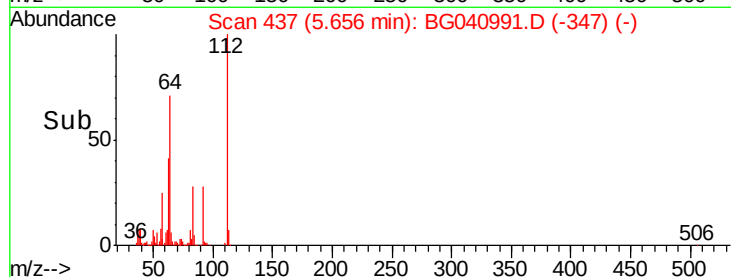
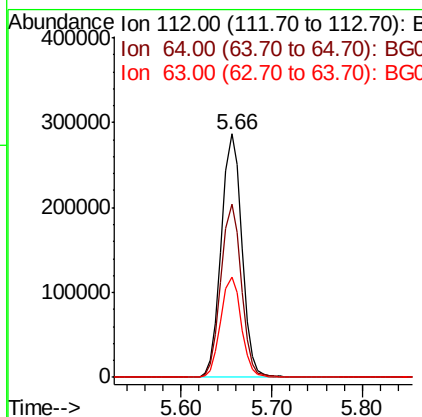
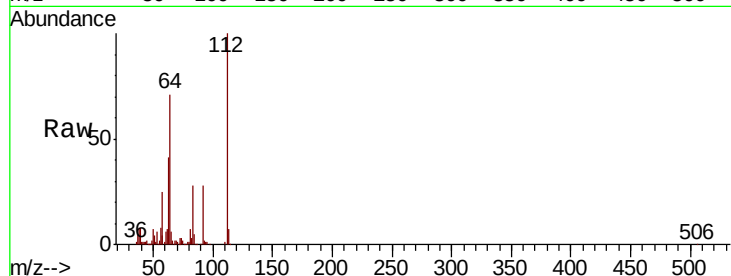
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Tot Ion:	112	Resp:	450941
Ion Ratio	Lower	Upper	
112	100		
64	71.0	56.2	84.2
63	41.1	32.8	49.2

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#6

Aniline

Concen: 21.937 ng

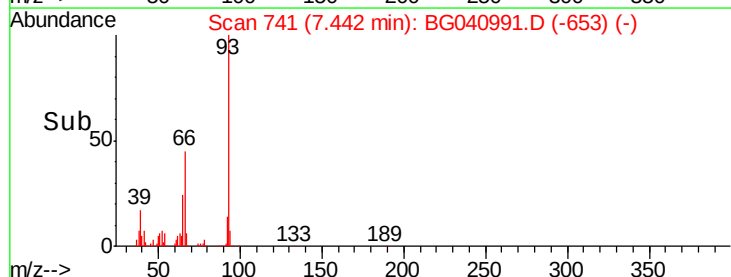
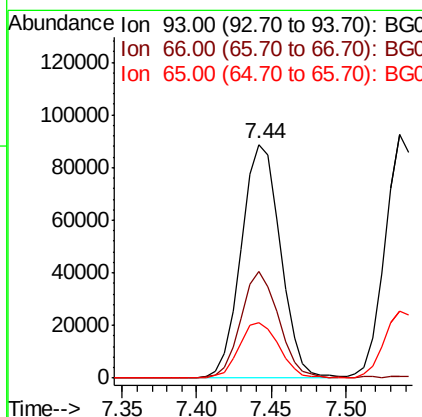
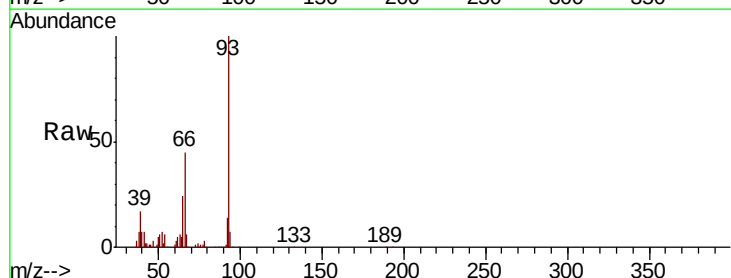
RT: 7.44 min Scan# 741

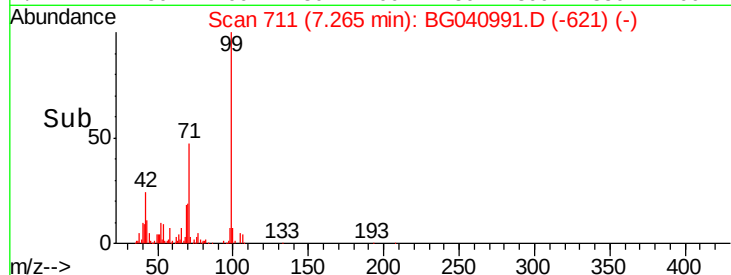
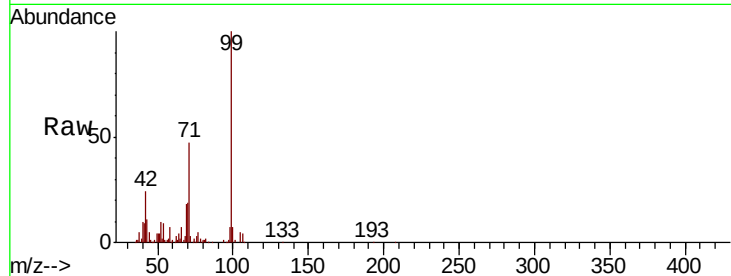
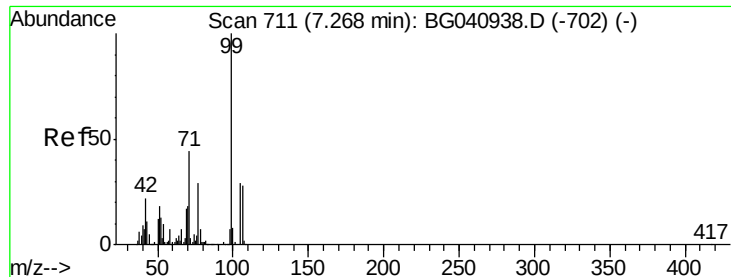
Delta R.T. -0.01 min

Lab File: BG040991.D

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Tgt Ion:	93	Resp:	161425
Ion Ratio	Lower	Upper	
93	100		
66	45.4	33.8	50.8
65	23.6	18.3	27.5





#7

Phenol-d6

Concen: 111.255 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Tot Ion:	99	Resp:	613339
Ion Ratio	Lower	Upper	
99	100		
42	24.2	17.9	26.9
71	46.8	35.4	53.0

Instrument :

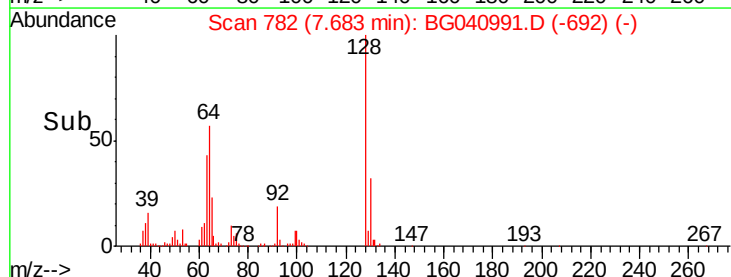
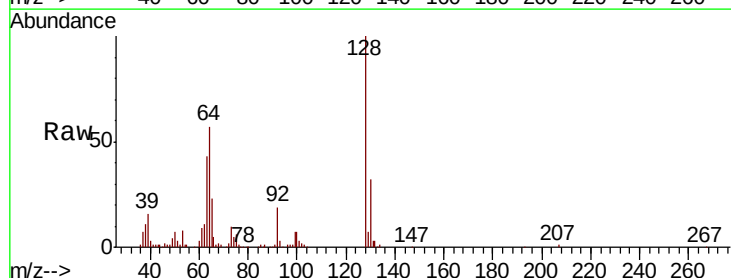
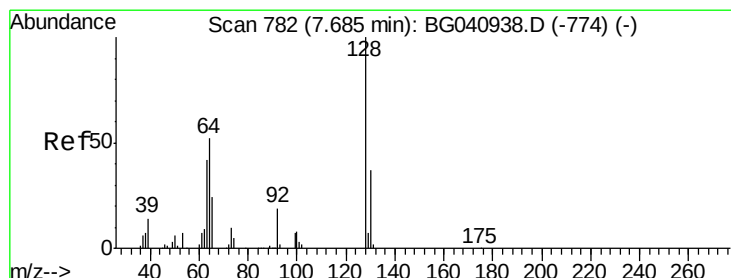
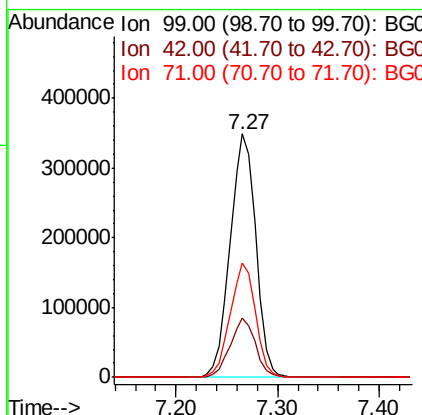
BNA_G

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#8

2-Chlorophenol

Concen: 37.259 ng

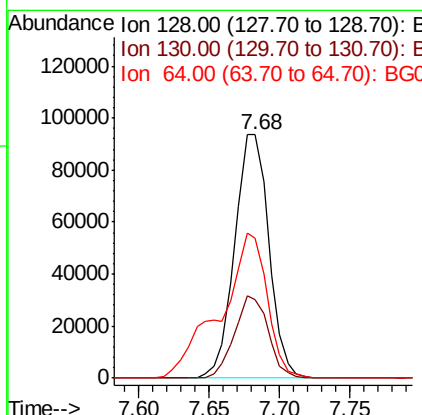
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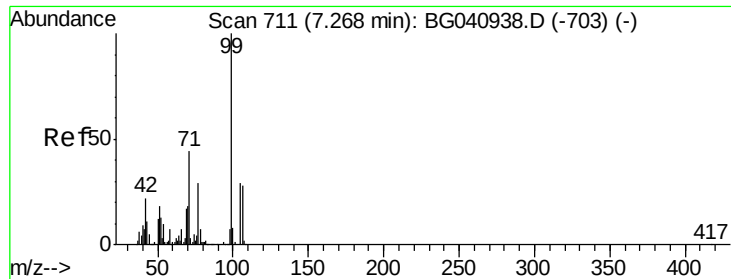
Delta R.T. -0.00 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Tgt Ion:	128	Resp:	158563
Ion Ratio	Lower	Upper	
128	100		
130	32.2	16.6	56.6
64	57.3	37.8	77.8





#9

Benzaldehyde

Concen: 13.344 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Instrument :

BNA_G

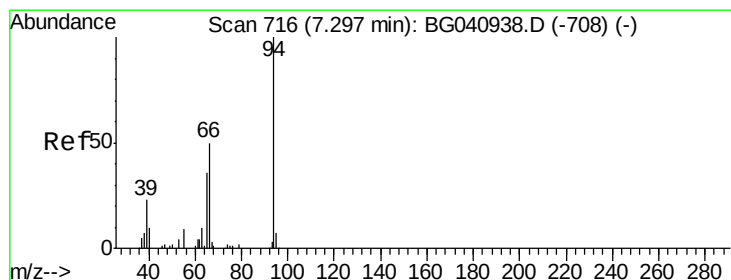
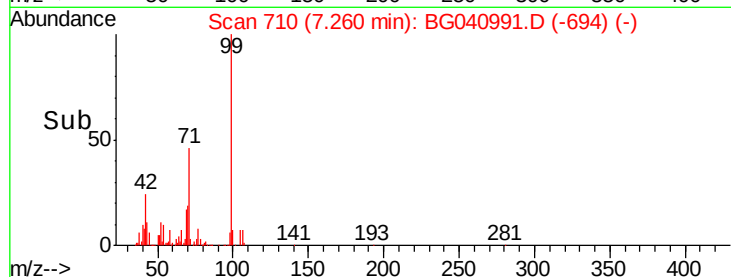
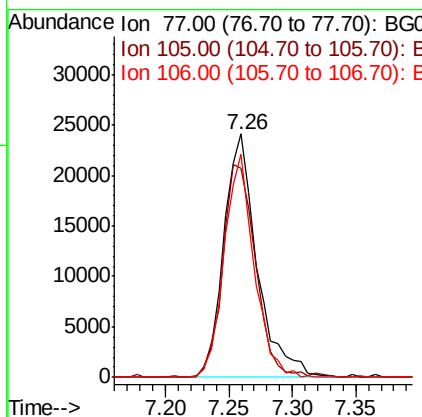
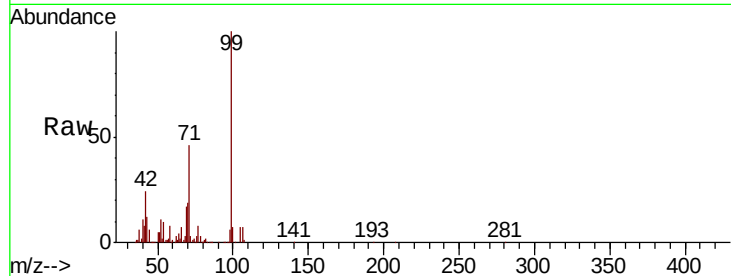
ClientSampleId :

PB119943BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	86.0	78.9	118.9
106	91.4	76.7	116.7

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#10

Phenol

Concen: 35.683 ng

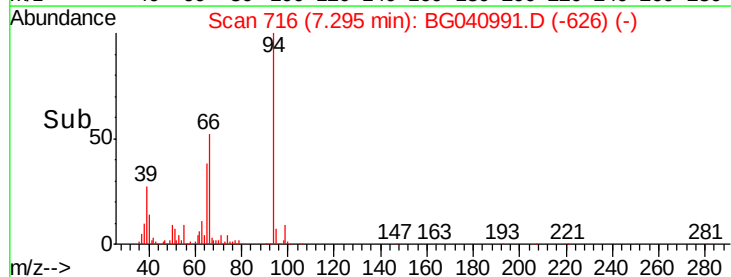
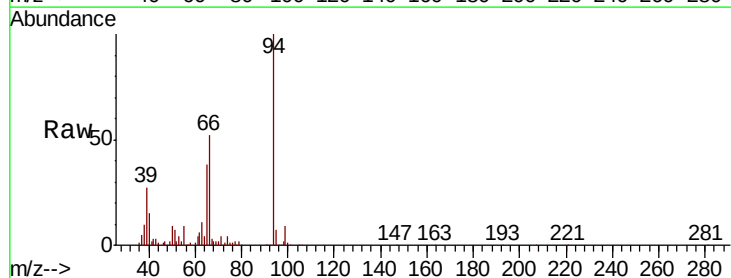
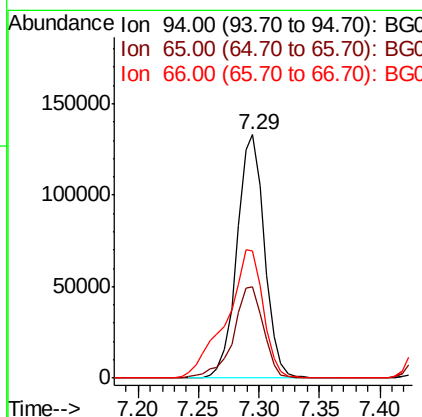
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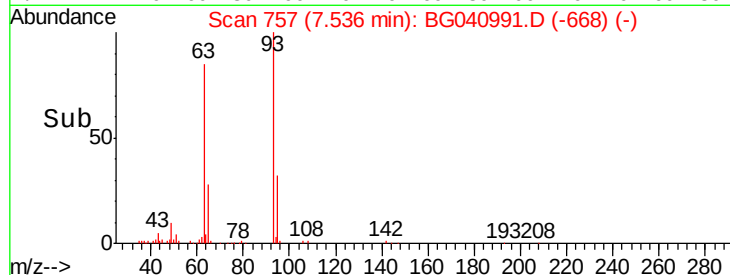
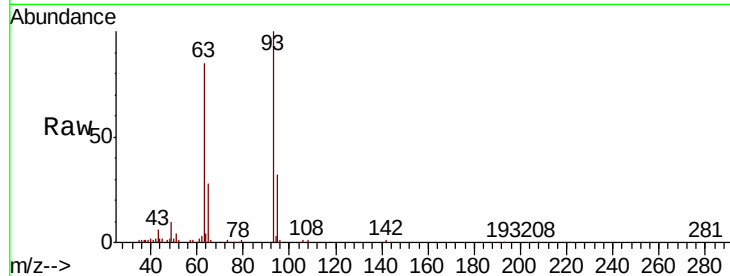
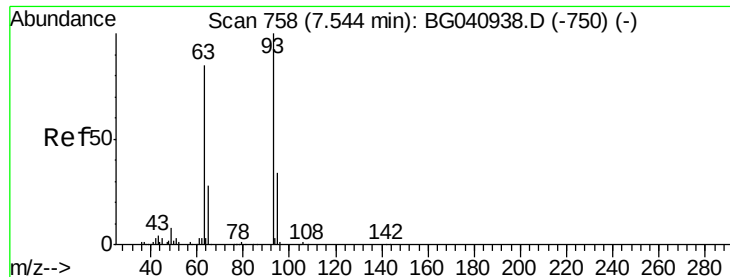
Delta R.T. -0.00 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.5	17.0	57.0
66	52.3	32.4	72.4





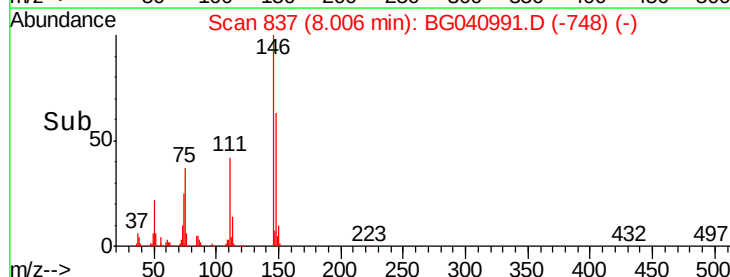
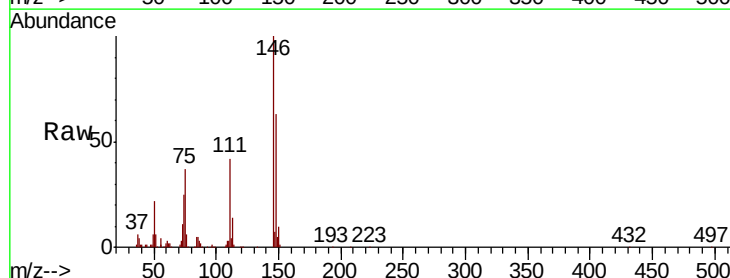
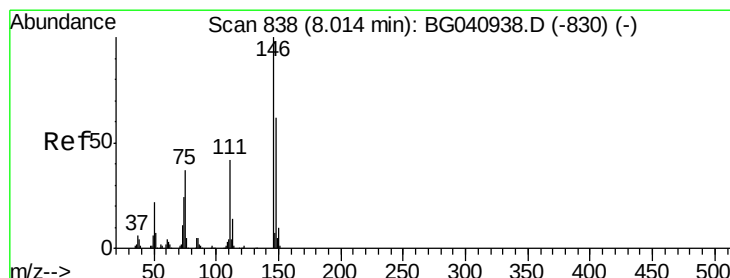
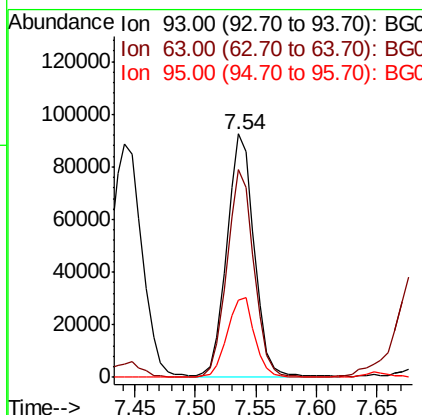
#11
bis(2-Chloroethyl)ether
Concen: 33.963 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tot Ion:	93	Resp:	145635
Ion	Ratio	Lower	Upper
93	100		
63	85.5	64.5	104.5
95	31.9	13.3	53.3

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

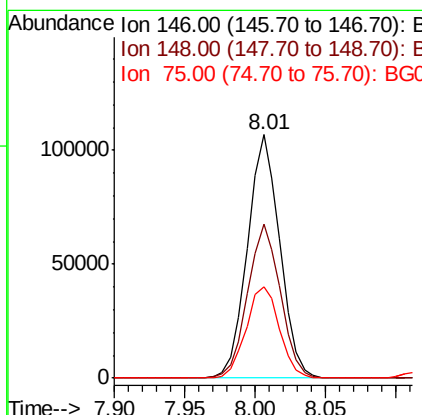
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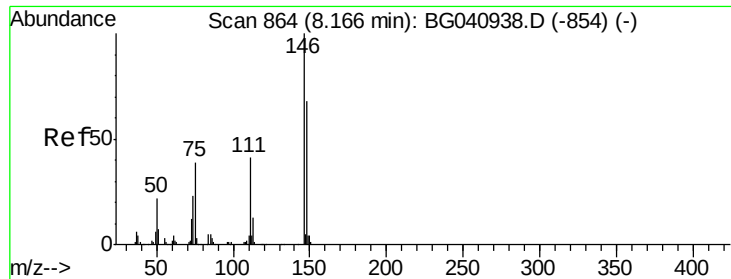
mohammad
6/3/2019 8:50:24 AM



#12
1,3-Dichlorobenzene
Concen: 33.753 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion:	146	Resp:	171558
Ion	Ratio	Lower	Upper
146	100		
148	63.0	49.2	73.8
75	37.4	29.4	44.0





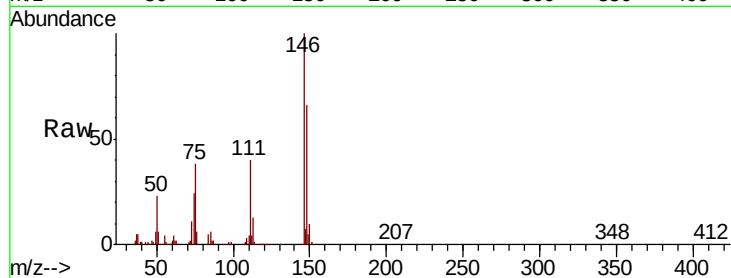
#13
1,4-Dichlorobenzene
Concen: 34.247 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.3	54.2	81.4
111	40.0	32.9	49.3

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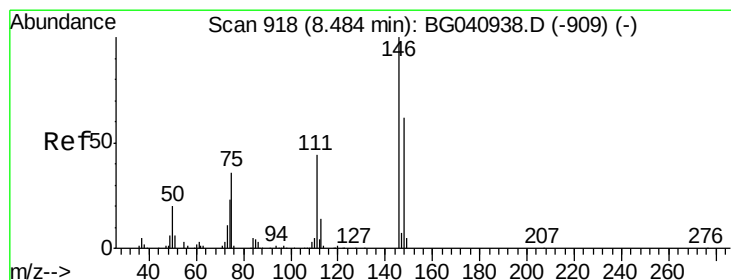
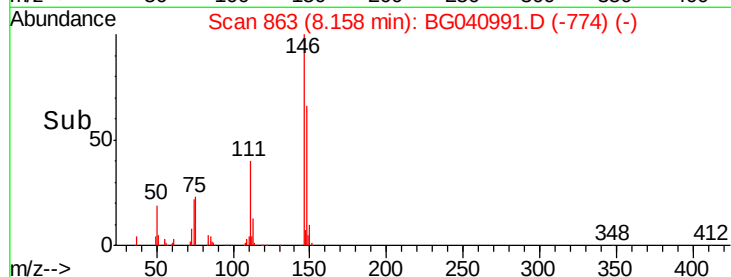
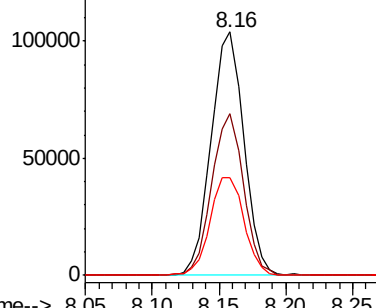


Abundance

Ion 146.00 (145.70 to 146.70): E

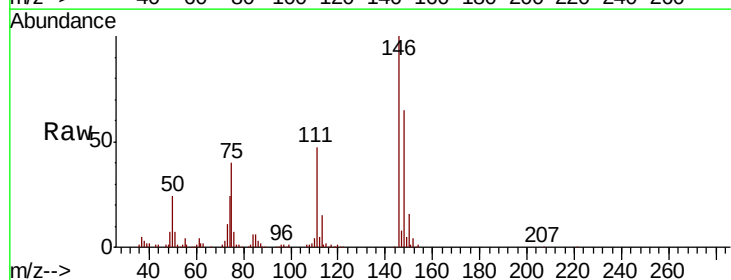
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 32.836 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	49.8	74.6
111	46.7	35.0	52.4

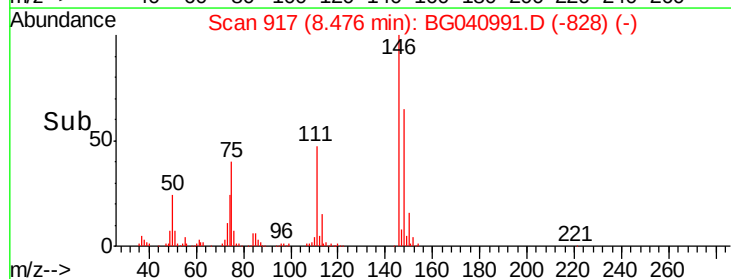
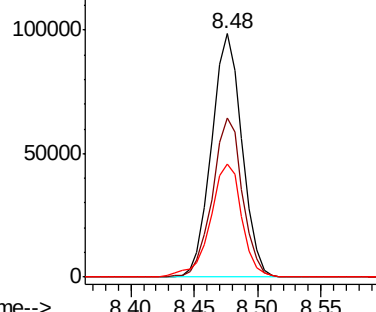


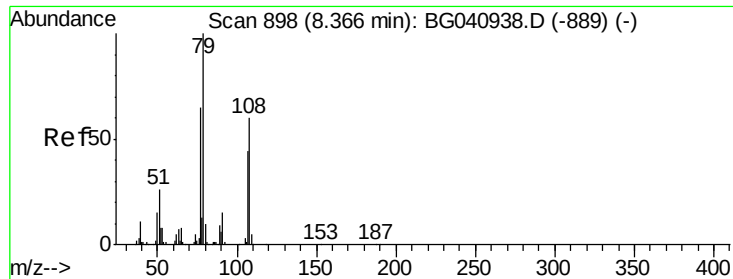
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





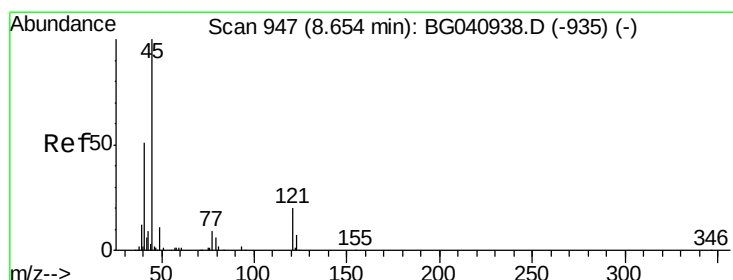
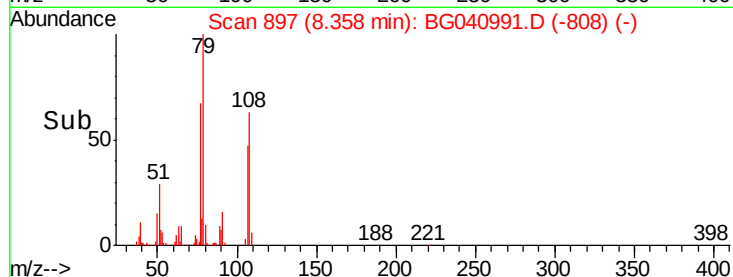
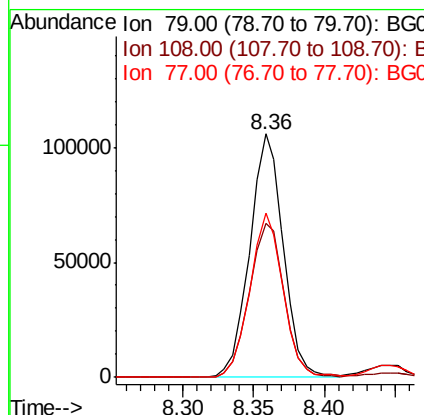
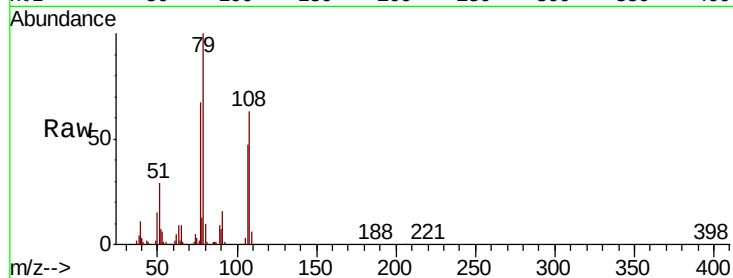
#15
Benzyl Alcohol
Concen: 34.605 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	63.5	48.3	72.5
77	67.4	52.3	78.5

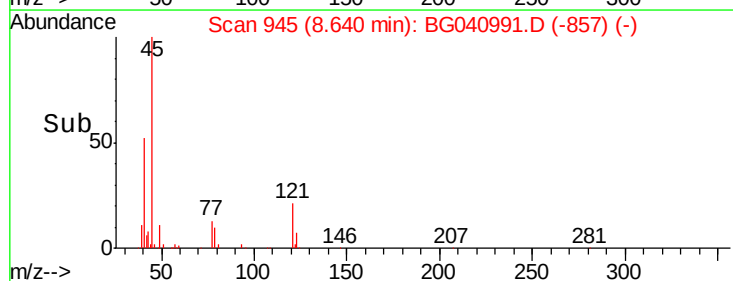
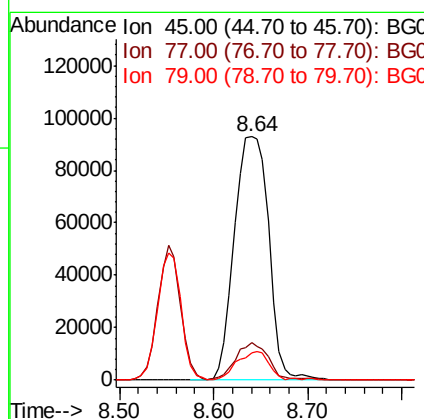
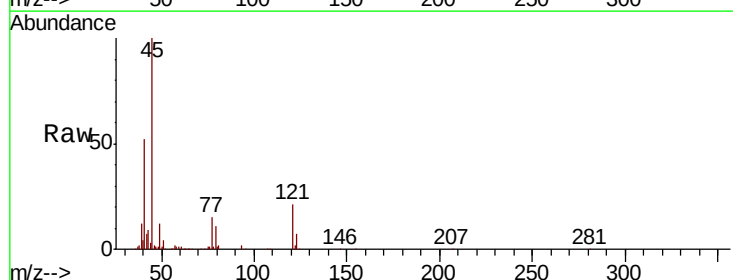
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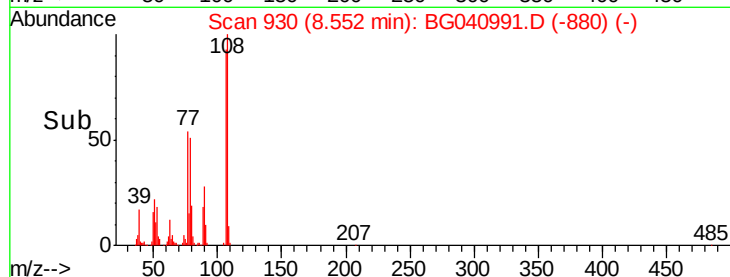
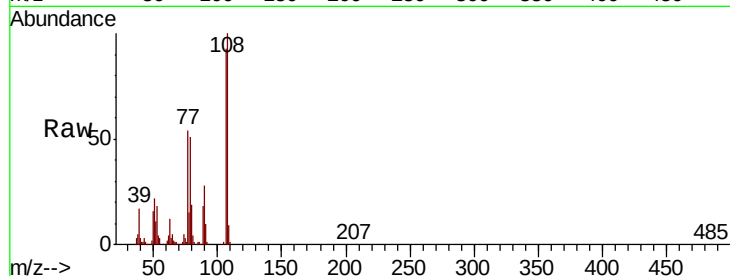
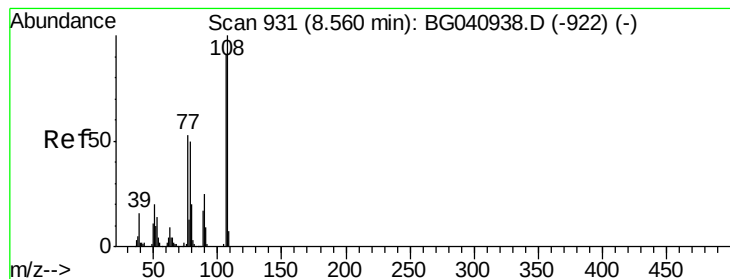
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.593 ng
RT: 8.64 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	33.7
79	11.1	0.0	30.2





#17

2-Methylphenol

Concen: 34.867 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.4	87.7	131.5	
77	57.7	46.6	70.0	
79	54.8	44.6	66.8	

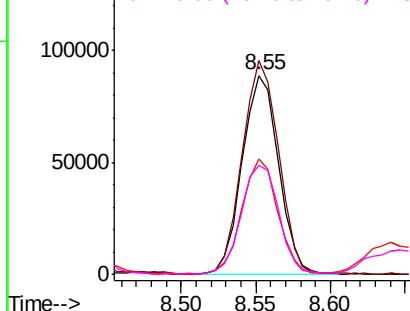
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Instrument :

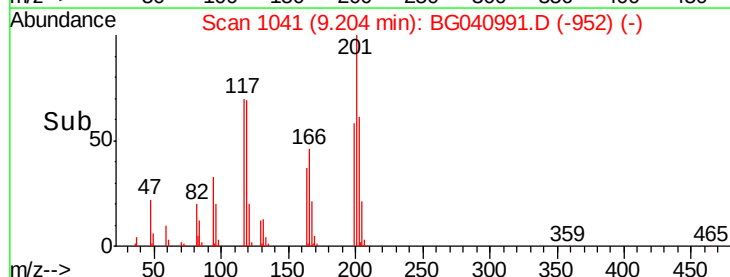
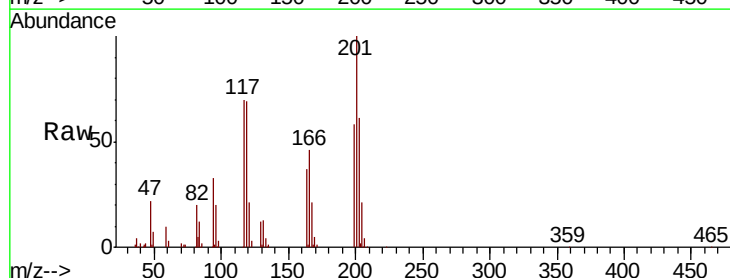
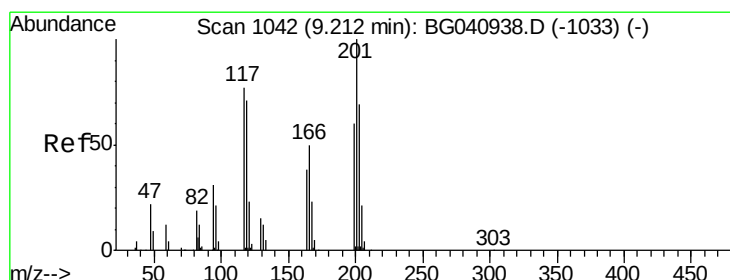
BNA_G

ClientSampleId :

PB119943BSD

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#18

Hexachloroethane

Concen: 32.969 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

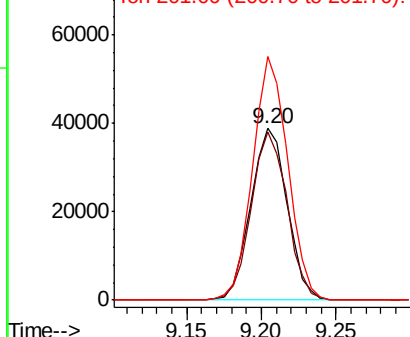
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.1	75.0	112.6	
201	141.9	103.5	155.3	

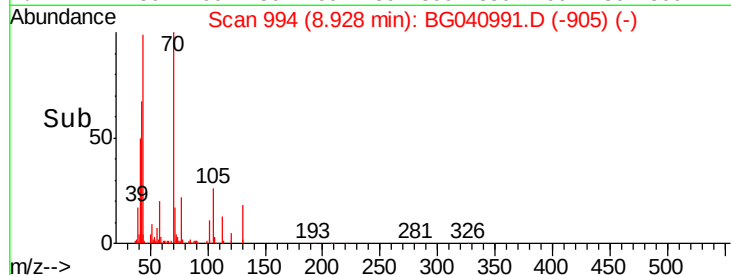
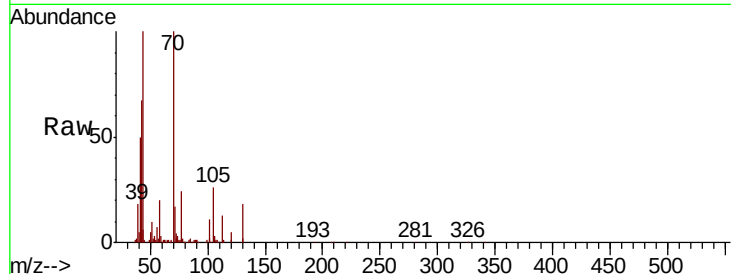
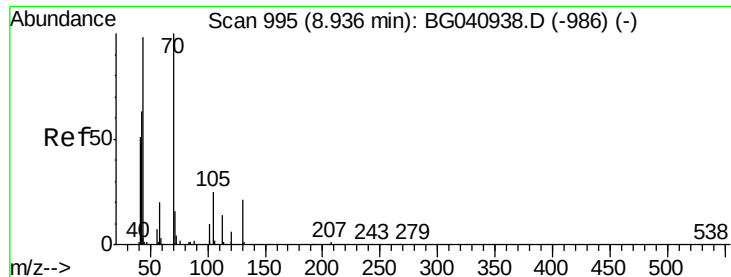
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





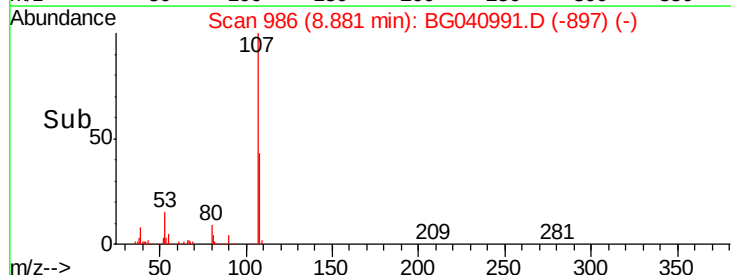
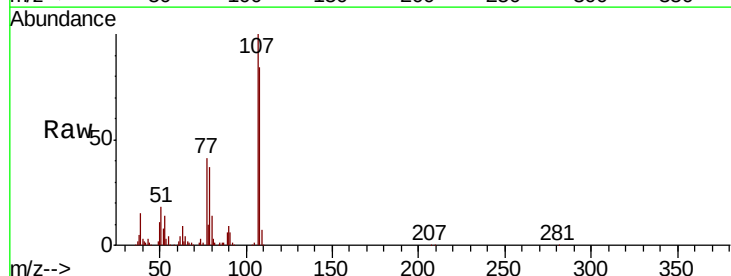
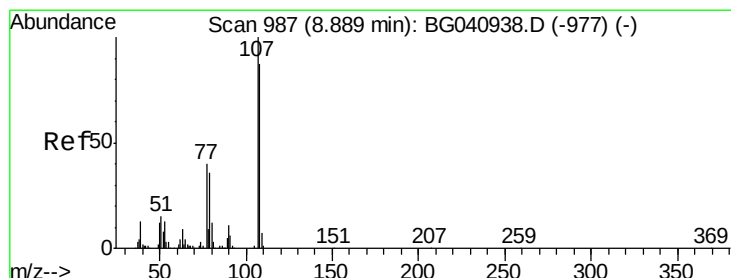
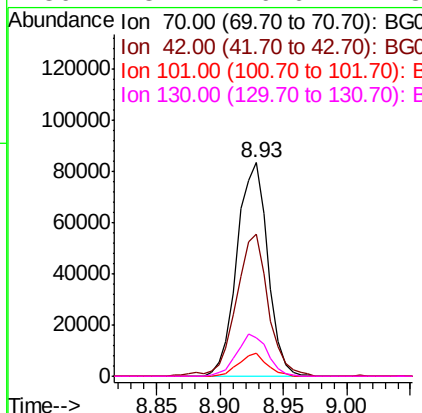
#19
n-Nitroso-di-n-propylamine
Concen: 32.902 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

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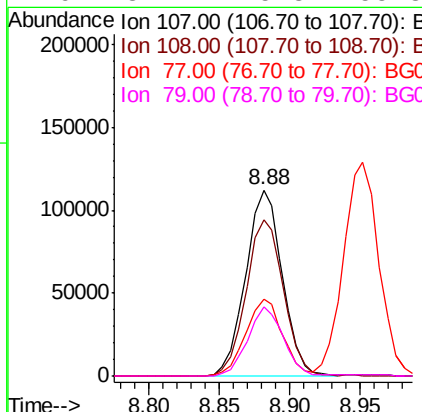
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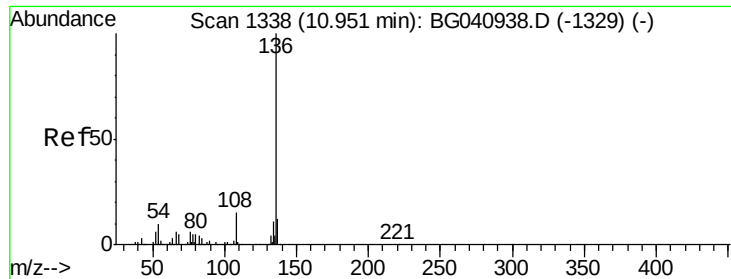
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.8	51.5	77.3	
101	10.6	8.1	12.1	
130	18.2	16.6	24.8	



#20
3+4-Methylphenols
Concen: 34.375 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.6	66.8	106.8	
77	41.2	20.5	60.5	
79	37.4	15.8	55.8	





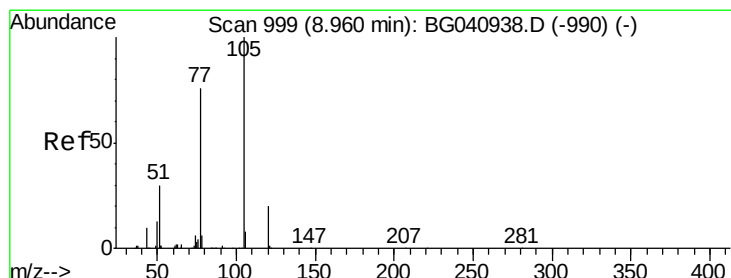
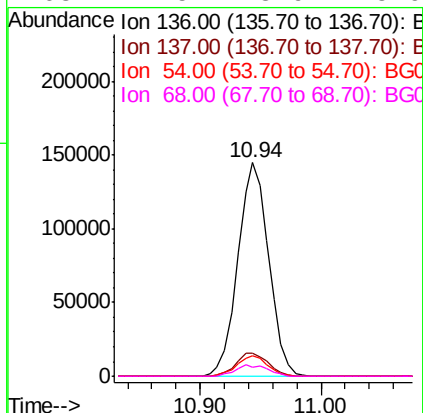
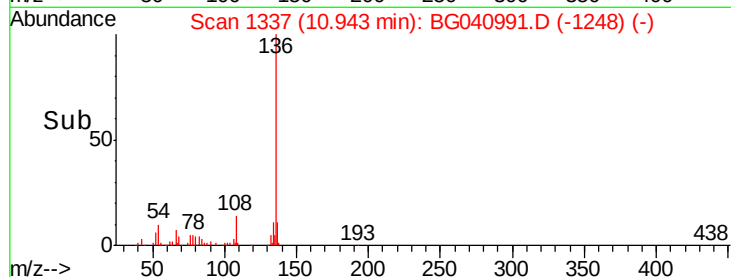
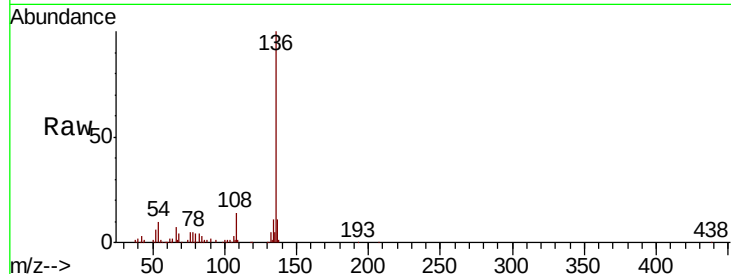
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.5	14.3	
54	9.7	7.6	11.4	
68	4.5	3.9	5.9	

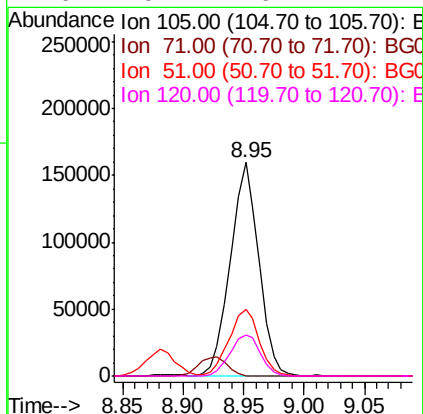
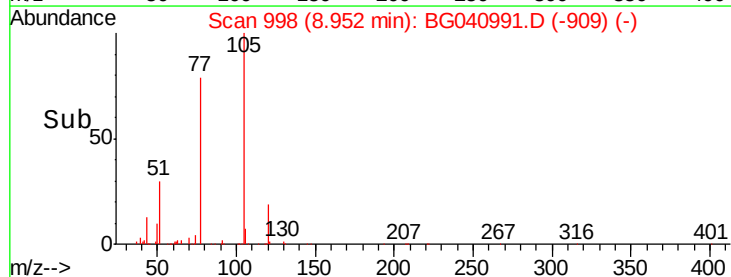
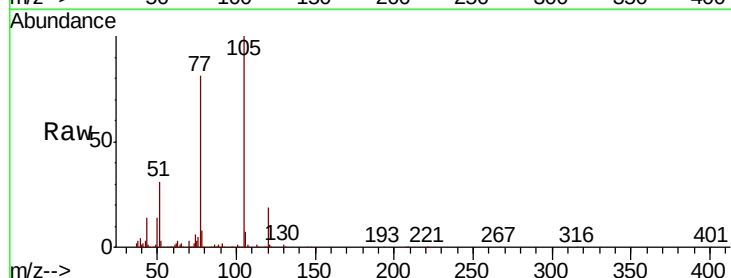
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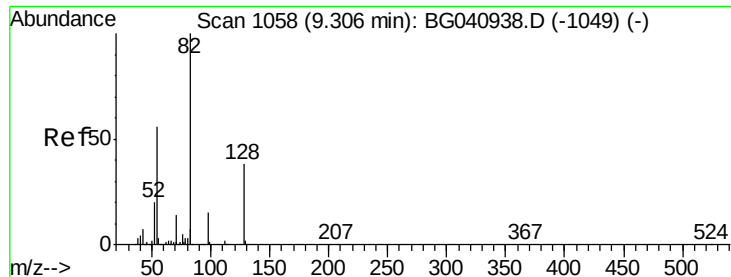
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#22
Acetophenone
Concen: 36.414 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.2	0.4	0.6#	
51	31.2	27.0	40.6	
120	19.2	16.2	24.4	





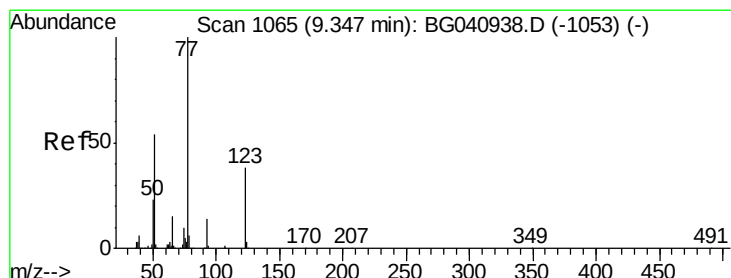
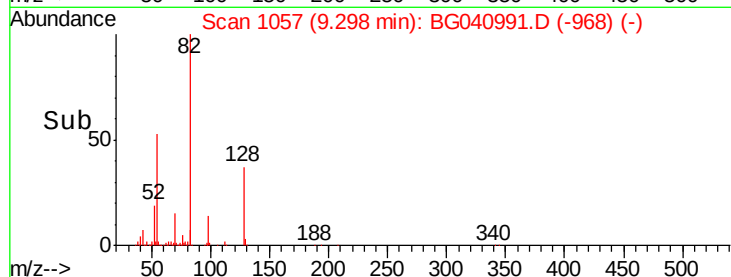
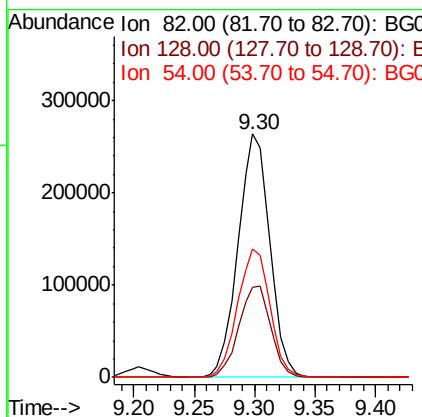
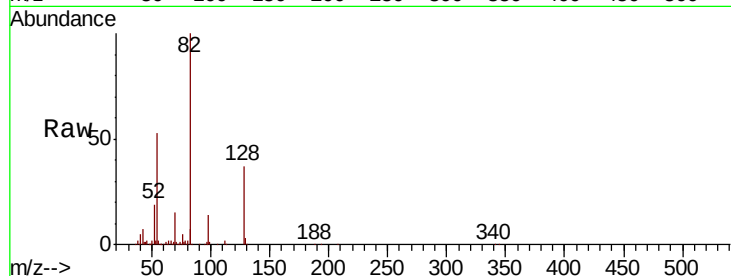
#23
 Nitrobenzene-d5
 Concen: 83.838 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG040991.D
 Acq: 1 Jun 2019 00:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119943BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.2	30.5	45.7
54	52.8	44.6	66.8

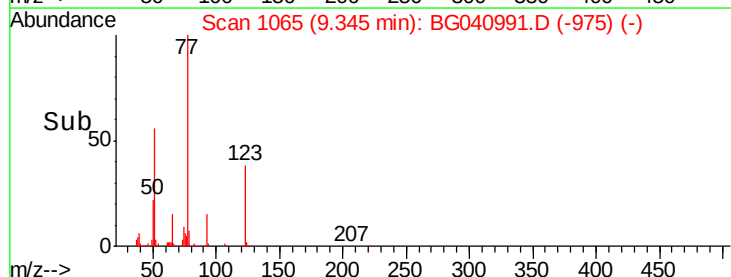
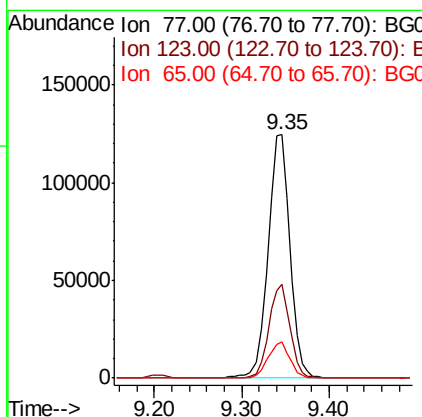
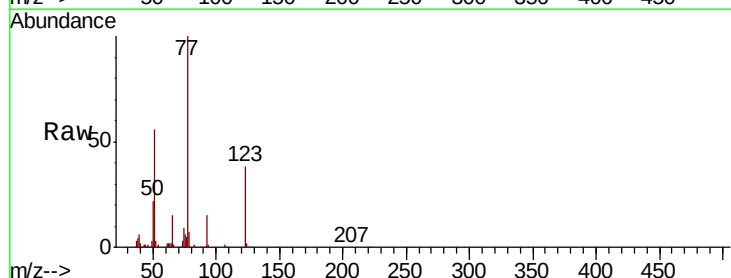
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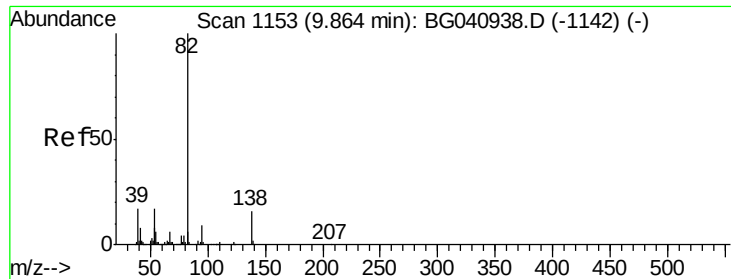
mohammad
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#24
 Nitrobenzene
 Concen: 36.786 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG040991.D
 Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.3	30.6	46.0
65	15.0	12.3	18.5





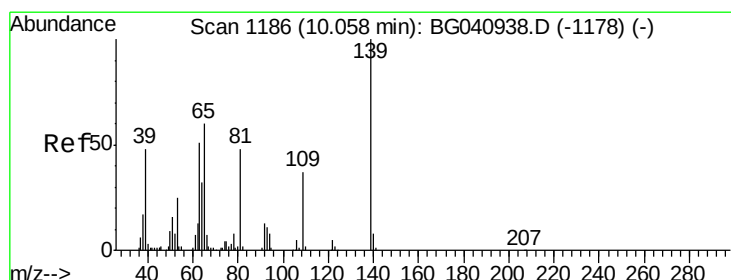
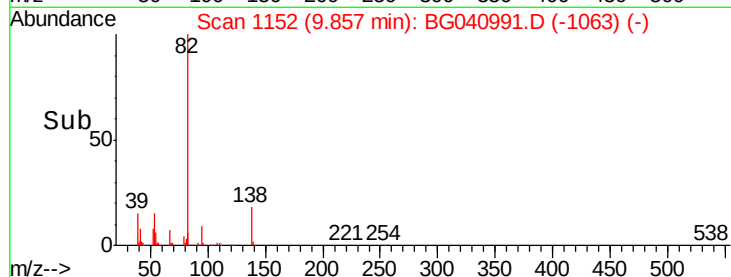
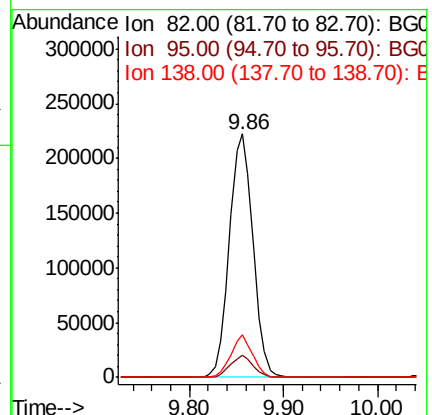
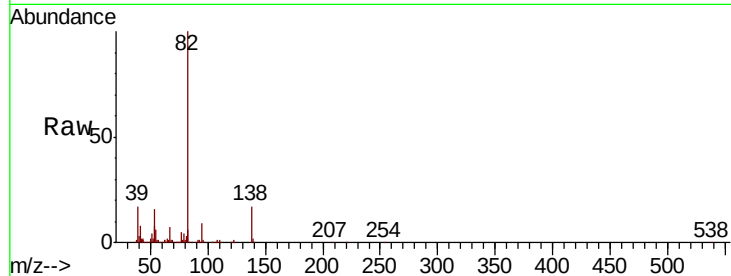
#25
Isophorone
Concen: 35.216 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.1	7.0	10.4	
138	17.3	12.6	19.0	

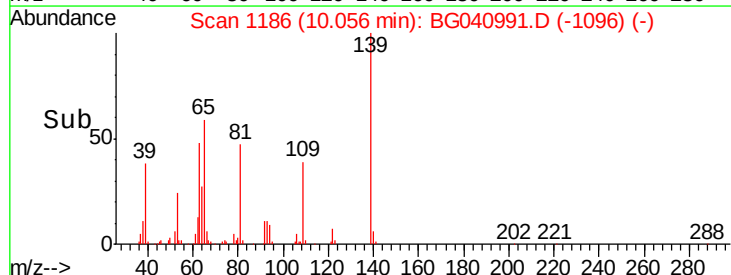
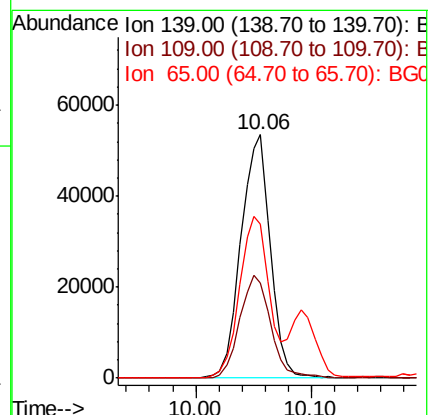
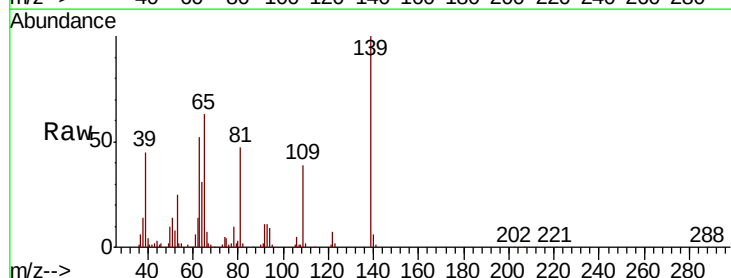
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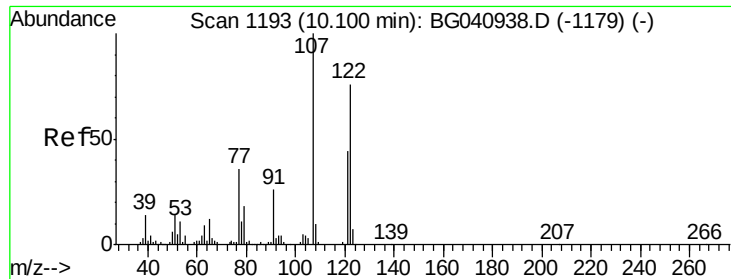
mohammad
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#26
2-Nitrophenol
Concen: 38.709 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	38.9	29.8	44.6	
65	63.0	47.8	71.6	





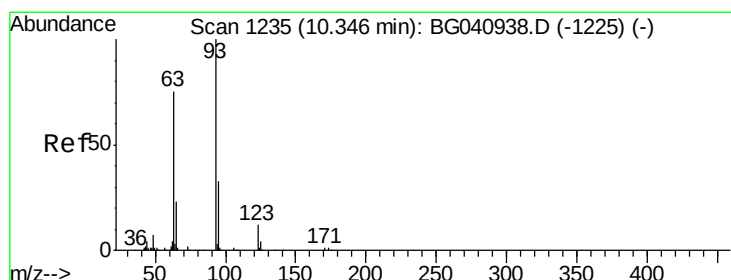
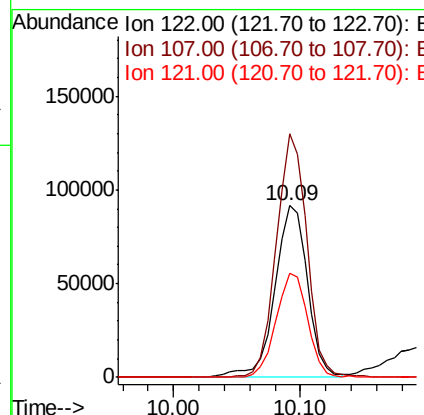
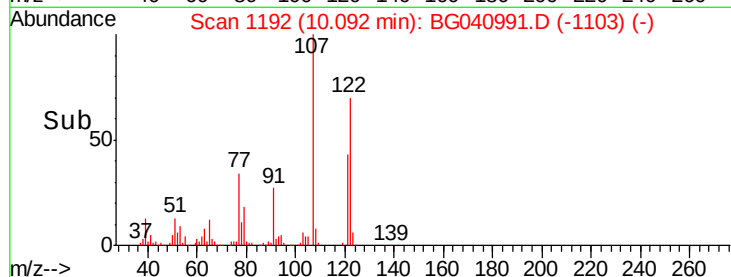
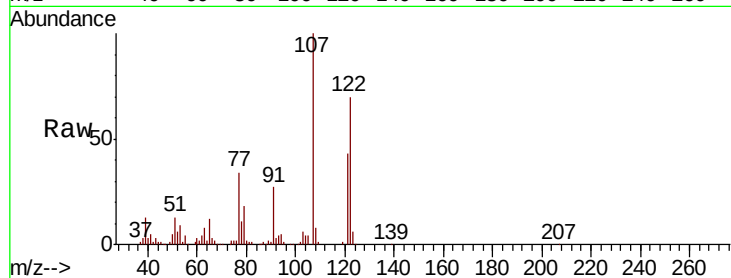
#27
2,4-Dimethylphenol
Concen: 40.897 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	142.1	105.9	158.9
121	60.9	46.2	69.4

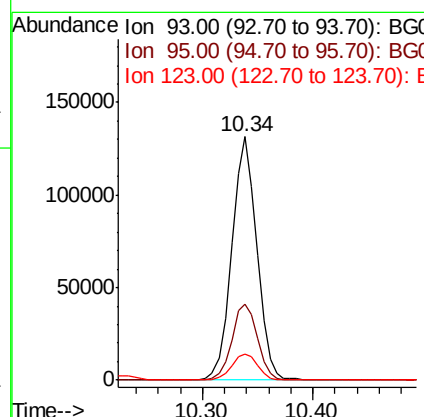
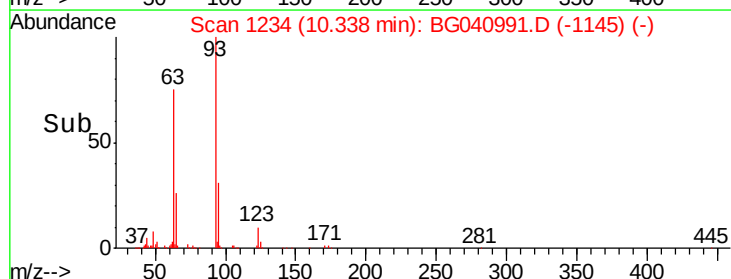
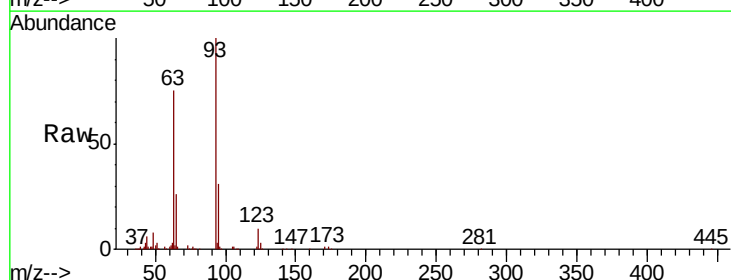
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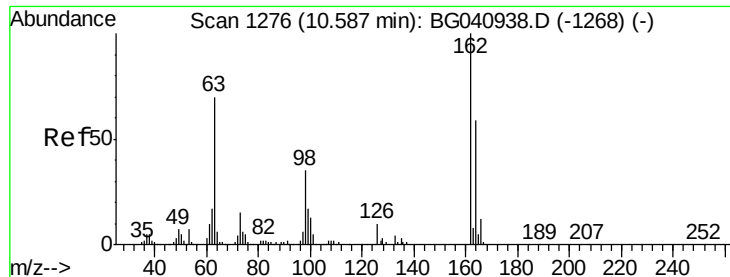
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 35.106 ng
RT: 10.34 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	26.2	39.2
123	10.5	9.5	14.3





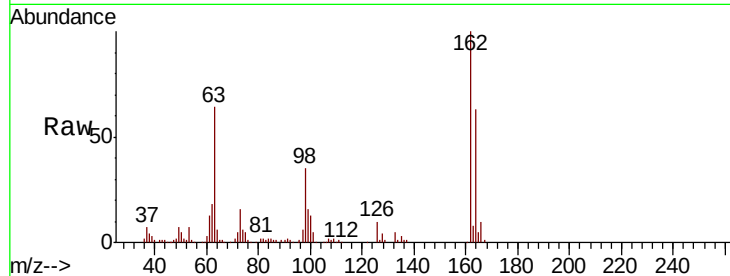
#29
2,4-Dichlorophenol
Concen: 36.026 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	183286		
164	63.0	39.4	79.4	
98	35.4	15.3	55.3	

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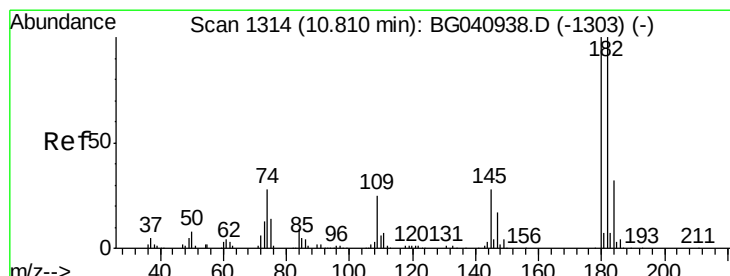
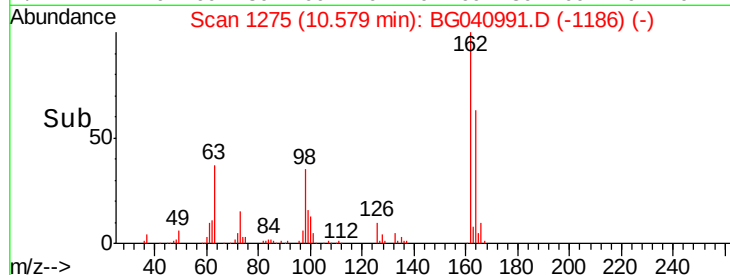
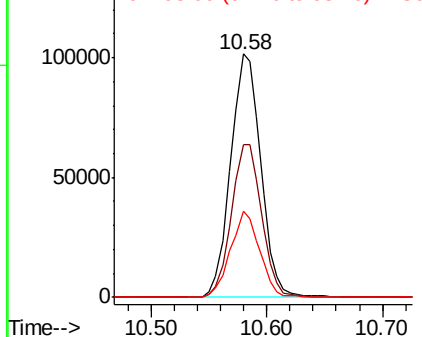


Abundance

Ion 162.00 (161.70 to 162.70): E

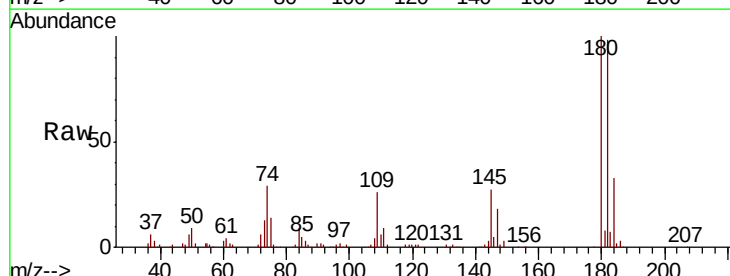
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 34.770 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	201237		
182	97.7	79.7	119.5	
145	27.2	22.6	34.0	

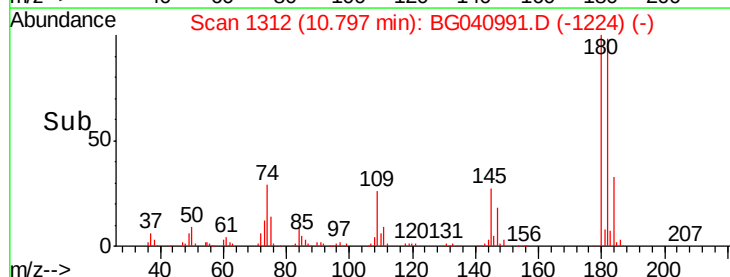
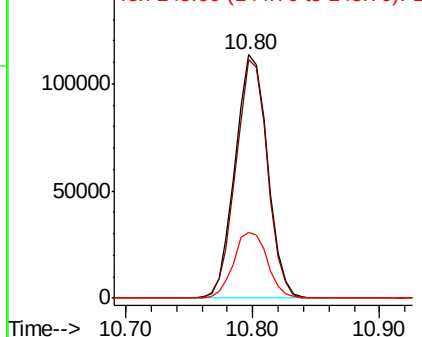


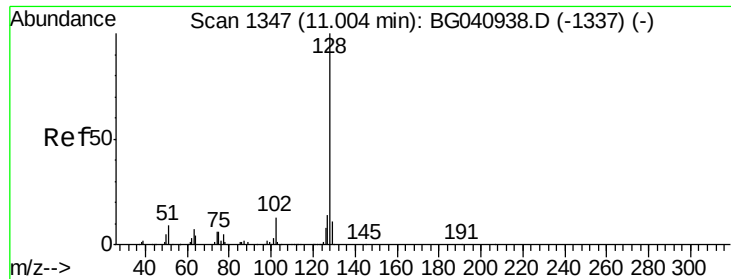
Abundance

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





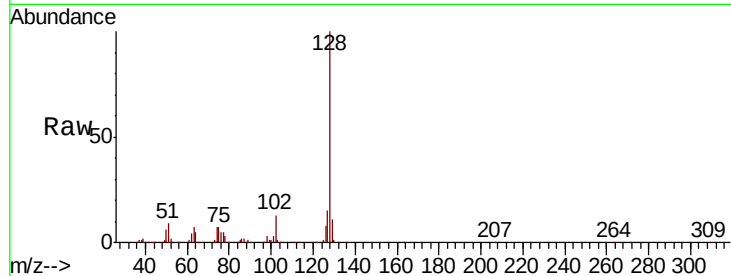
#31
Naphthalene
Concen: 35.533 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

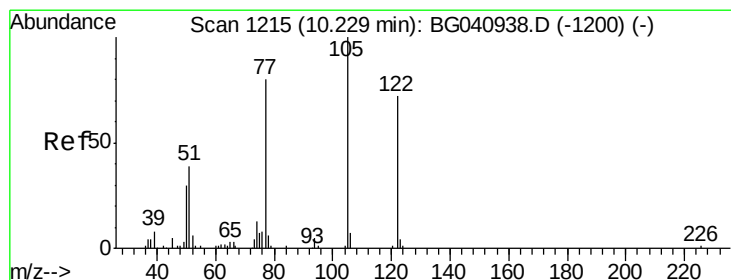
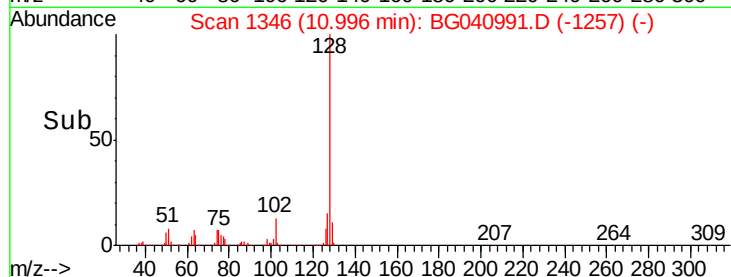
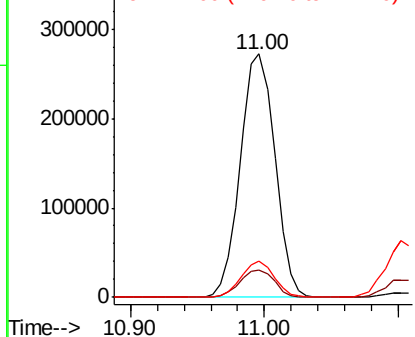
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.5	12.7
127	15.1	11.4	17.2

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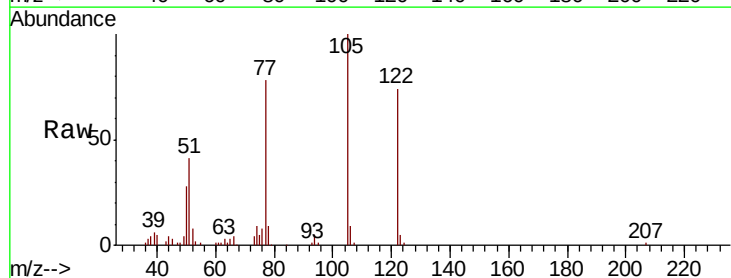


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

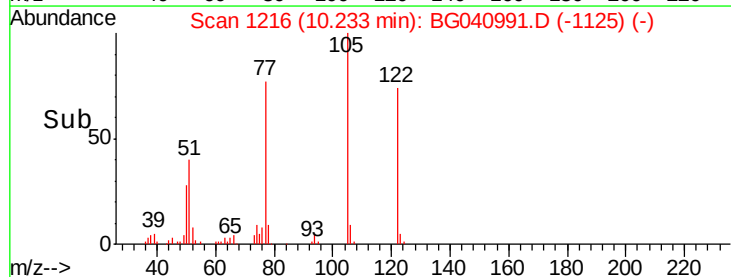
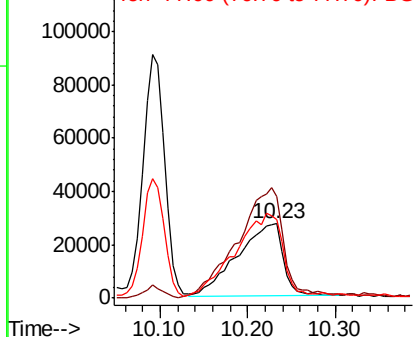


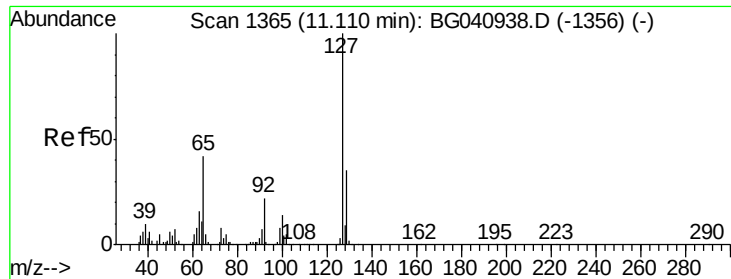
#32
Benzoic acid
Concen: 34.097 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.9	114.8	154.8
77	105.8	89.9	129.9



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): BGO





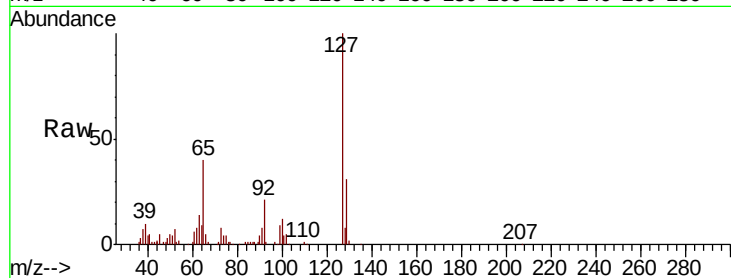
#33
4-Chloroaniline
Concen: 17.864 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.9	27.7	41.5
65	40.3	33.2	49.8
92	21.4	17.2	25.8

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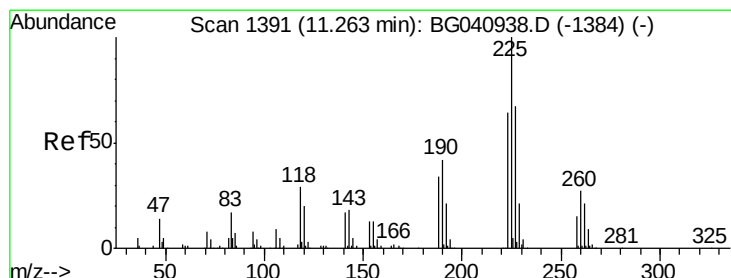
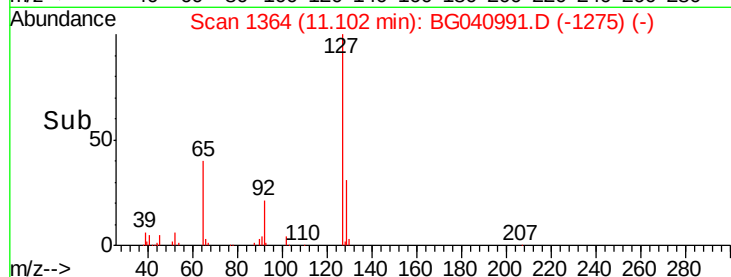
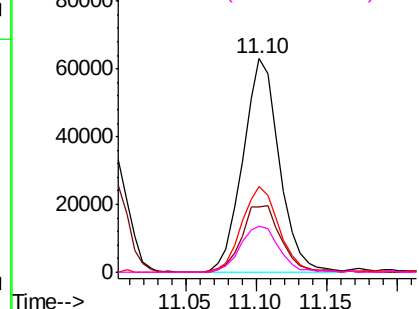
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

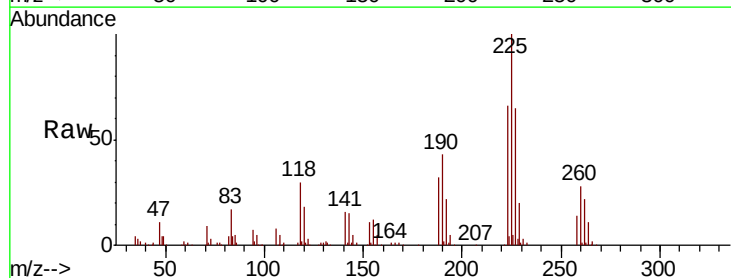
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 33.692 ng
RT: 11.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.8	48.8	73.2
227	64.5	51.4	77.0

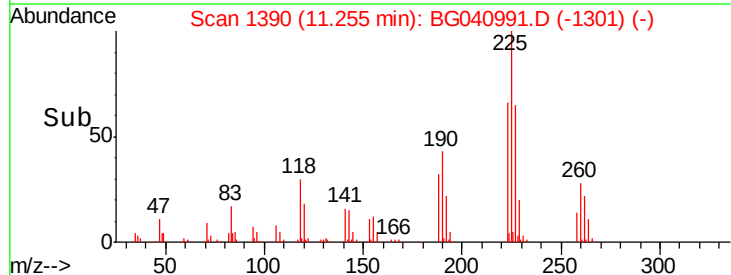
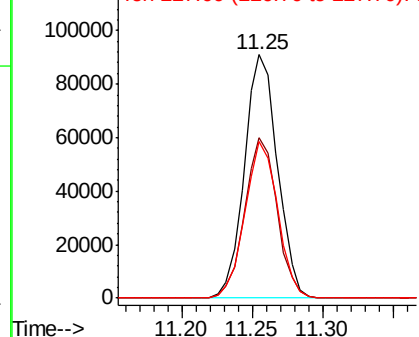


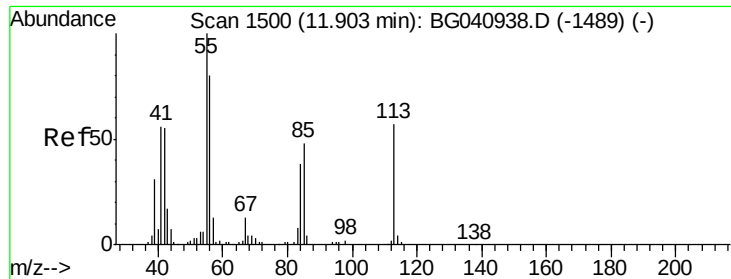
Abundance

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: 34.821 ng/ml

RT: 11.89 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Instrument :

BNA_G

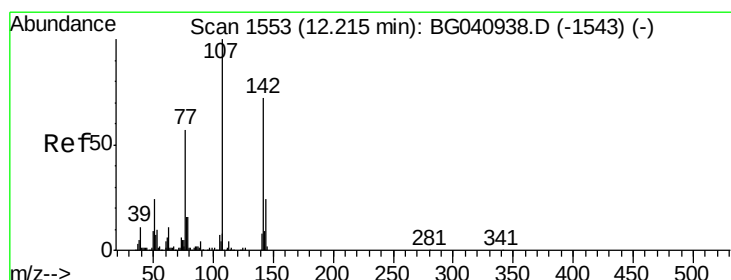
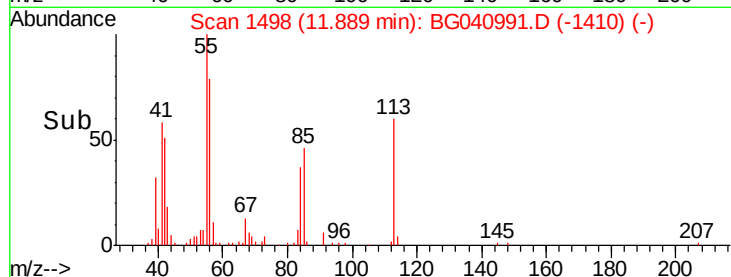
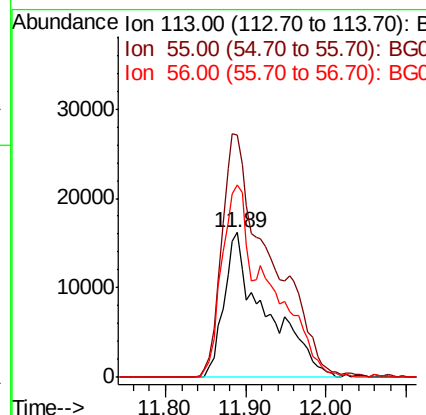
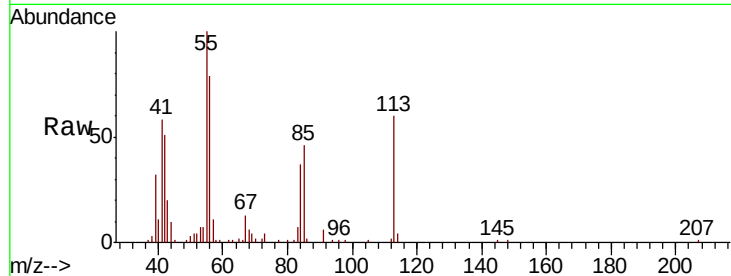
ClientSampleId :

PB119943BSD

Tot Ion:	113	Resp:	58501
Ion	Ratio	Lower	Upper
113	100		
55	167.5	155.9	195.9
56	132.9	119.9	159.9

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#36

4-Chloro-3-methylphenol

Concen: 35.520 ng/ml

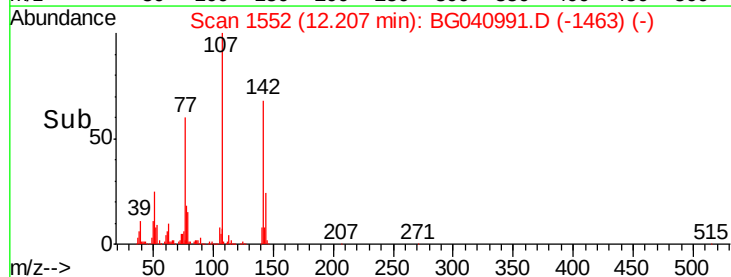
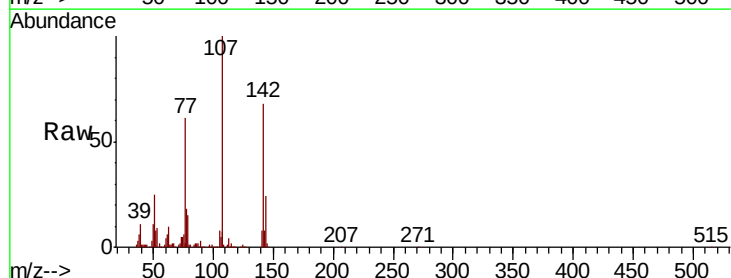
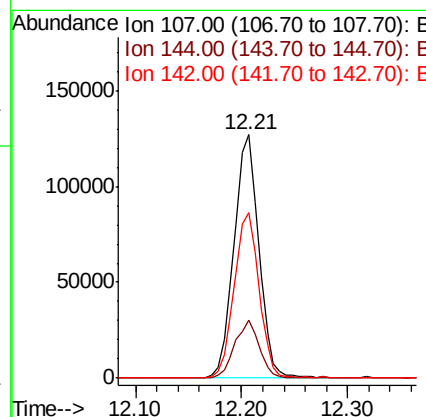
RT: 12.21 min Scan# 1552

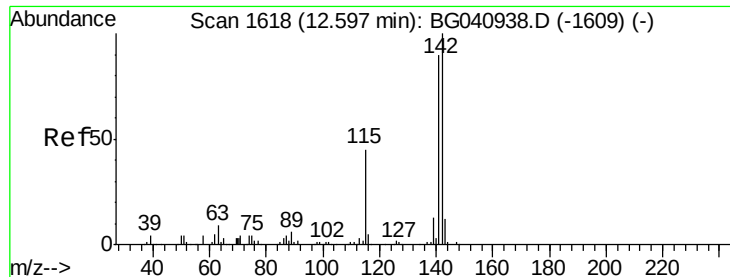
Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Tgt Ion:	107	Resp:	206384
Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.4	29.0
142	68.0	57.3	85.9





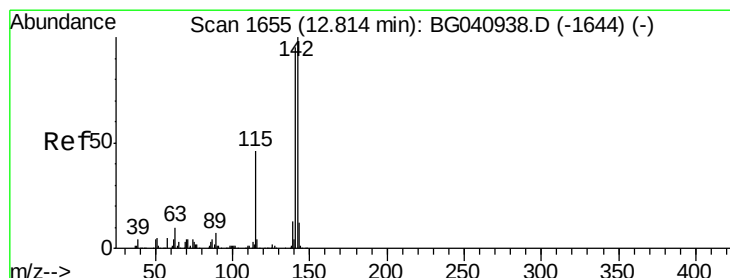
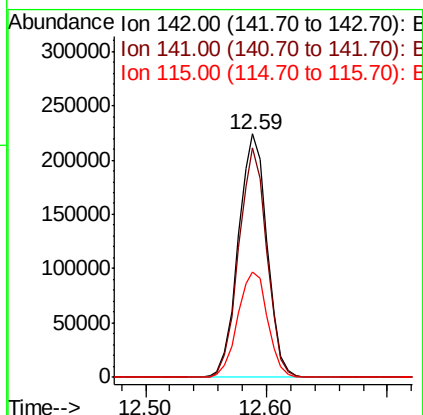
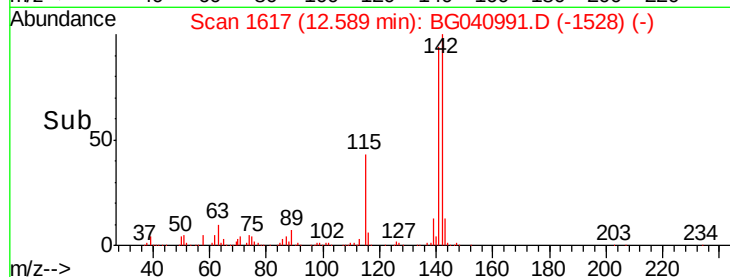
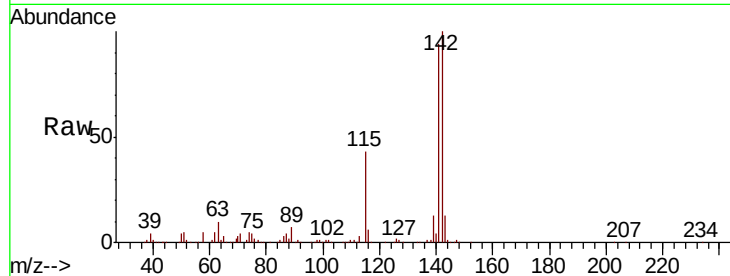
#37
2-Methylnaphthalene
Concen: 34.991 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.2	72.2	108.4
115	43.5	36.2	54.4

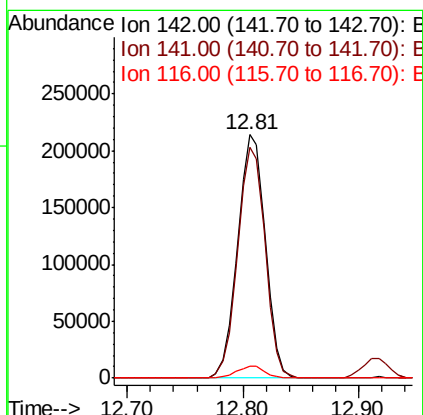
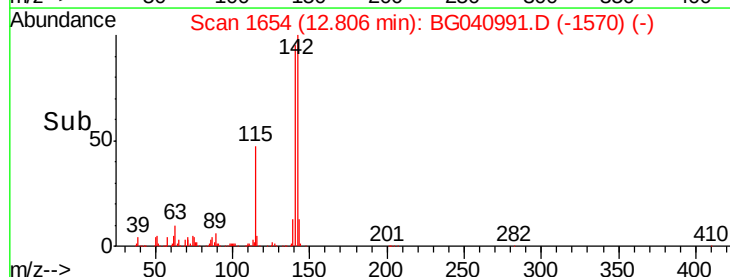
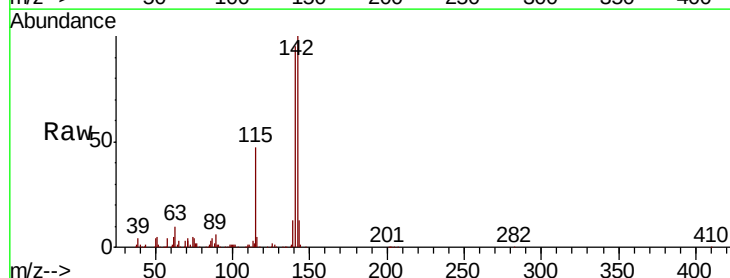
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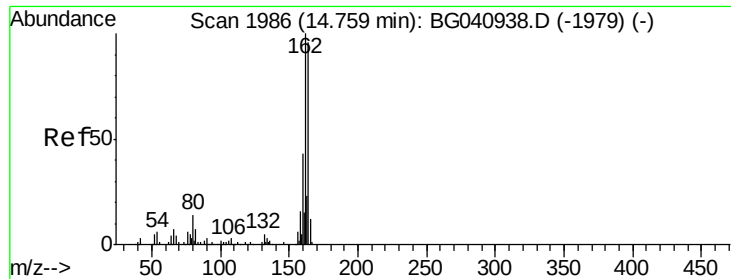
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#38
1-Methylnaphthalene
Concen: 35.501 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	75.7	113.5
116	4.9	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Instrument :

BNA_G

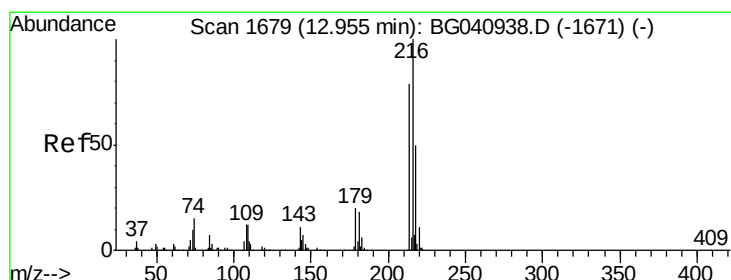
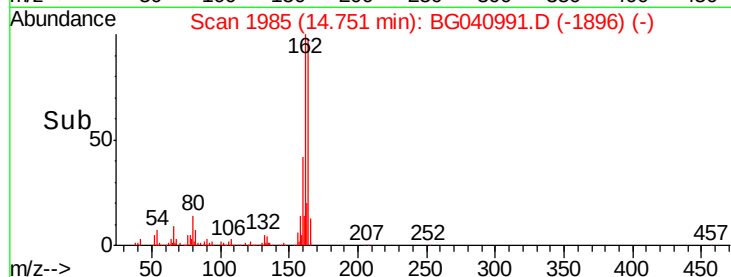
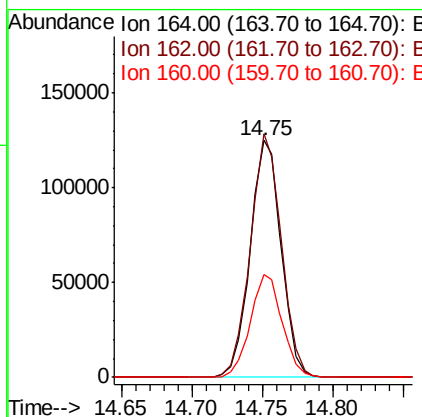
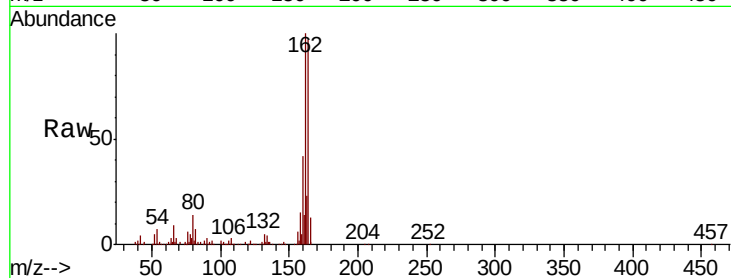
ClientSampleId :

PB119943BSD

Tot Ion:	164	Resp:	192100
Ion Ratio	Lower	Upper	
164	100		
162	102.8	83.0	124.4
160	43.2	35.6	53.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.024 ng

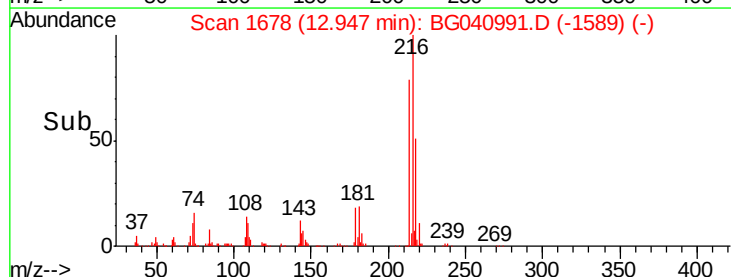
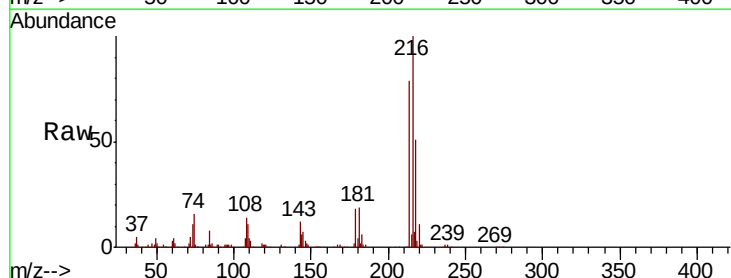
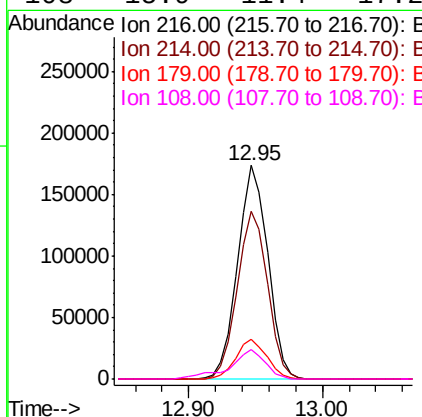
RT: 12.95 min Scan# 1678

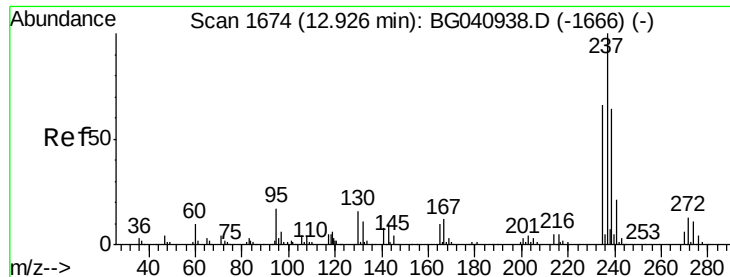
Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Tgt Ion:	216	Resp:	271179
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.4	95.2
179	18.8	15.2	22.8
108	15.9	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 70.505 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Instrument :

BNA_G

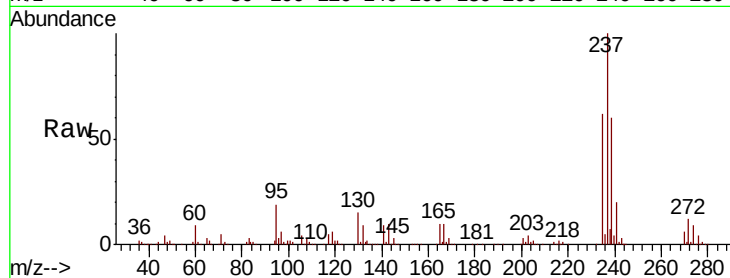
ClientSampleId :

PB119943BSD

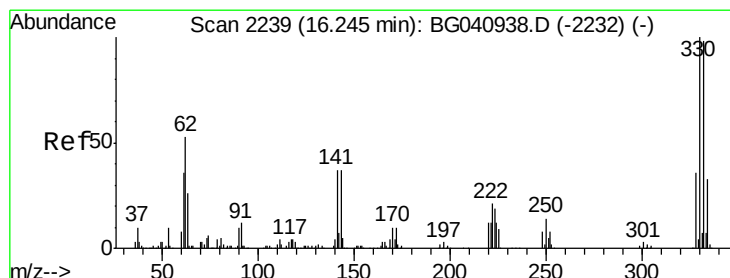
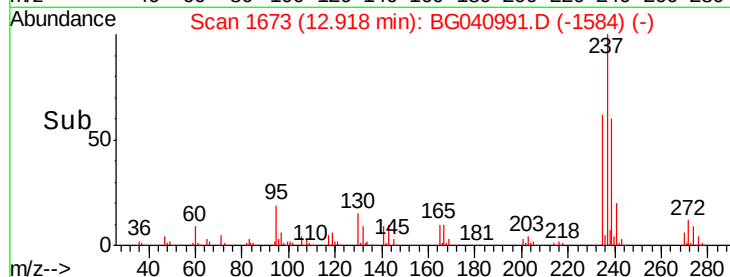
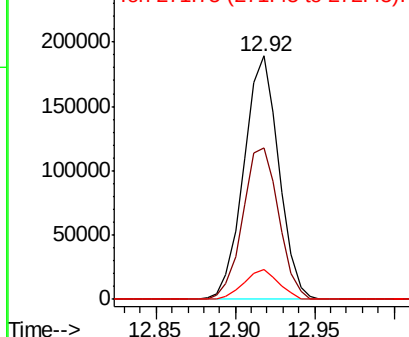
Tot Ion:	237	Resp:	288908
Ion Ratio	Lower	Upper	
237	100		
235	62.4	45.5	85.5
272	12.1	0.0	32.9

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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: 116.440 ng

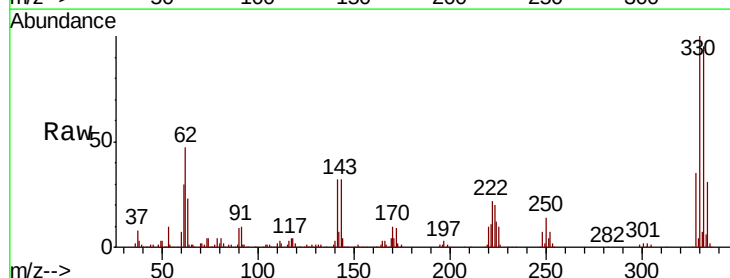
RT: 16.24 min Scan# 2239

Delta R.T. -0.00 min

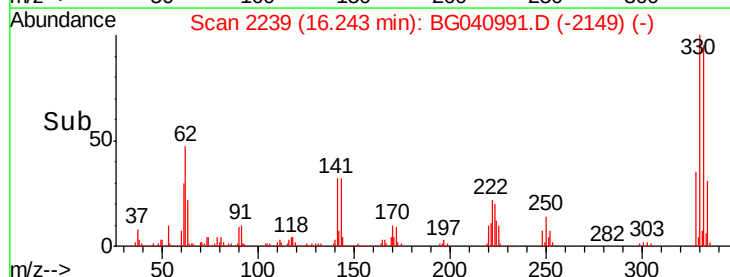
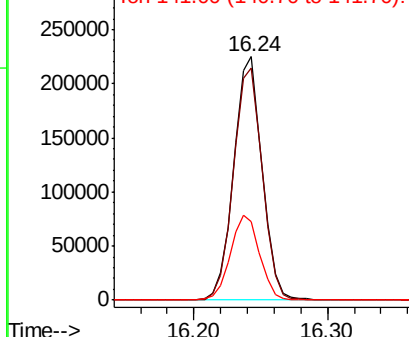
Lab File: BG040991.D

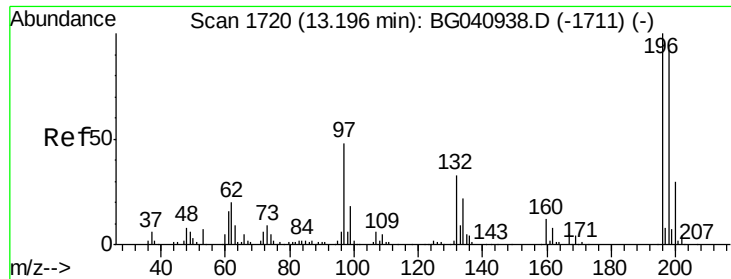
Acq: 1 Jun 2019 00:57

Tgt Ion:	330	Resp:	332071
Ion Ratio	Lower	Upper	
330	100		
332	96.9	78.5	117.7
141	35.8	28.7	43.1



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





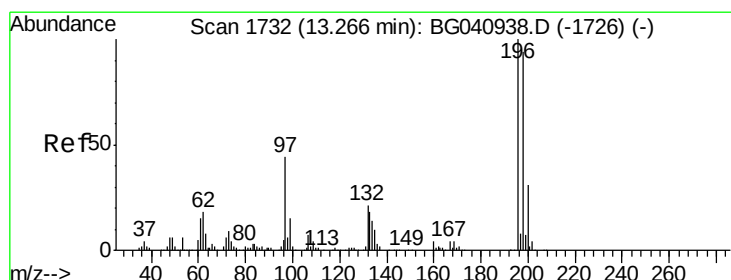
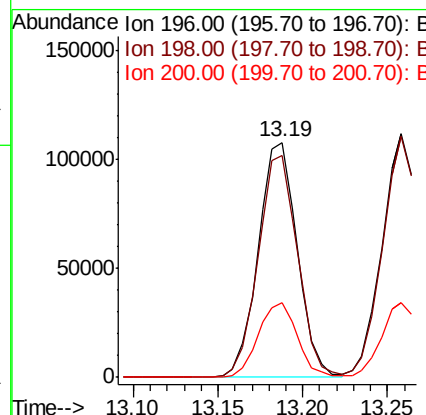
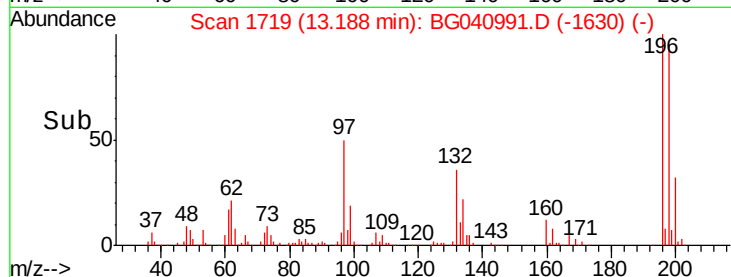
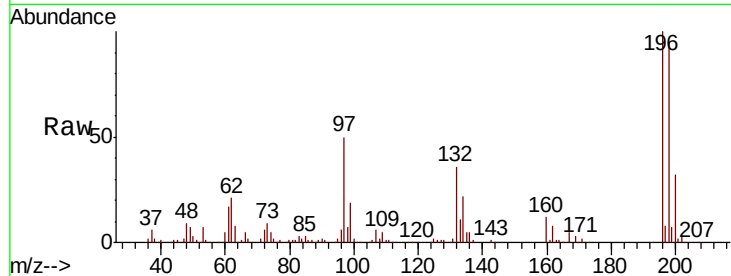
#43
 2,4,6-Trichlorophenol
 Concen: 34.633 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG040991.D
 Acq: 1 Jun 2019 00:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119943BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	173471		
198	94.7	73.8	110.6	
200	32.1	24.1	36.1	

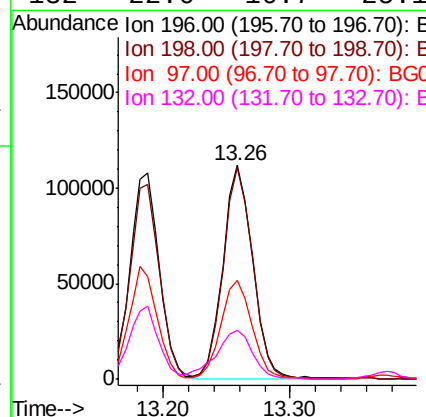
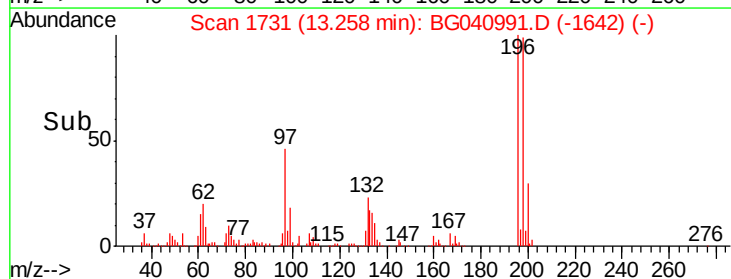
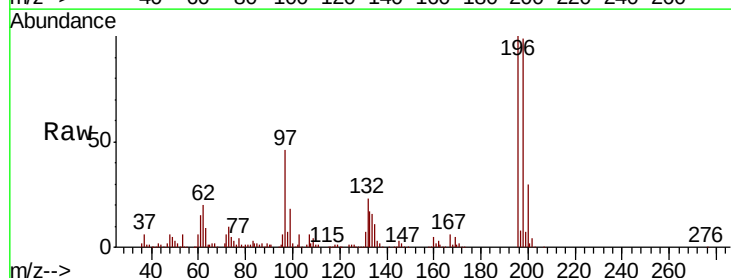
Manual Integrations
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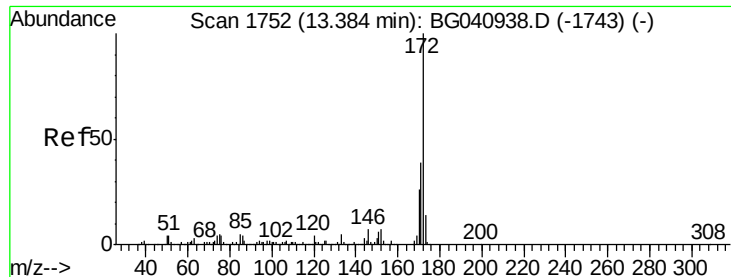
mohammad
 6/3/2019 8:50:24 AM



#44
 2,4,5-Trichlorophenol
 Concen: 34.668 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG040991.D
 Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	183136		
198	99.1	75.1	112.7	
97	46.0	35.6	53.4	
132	22.6	16.7	25.1	





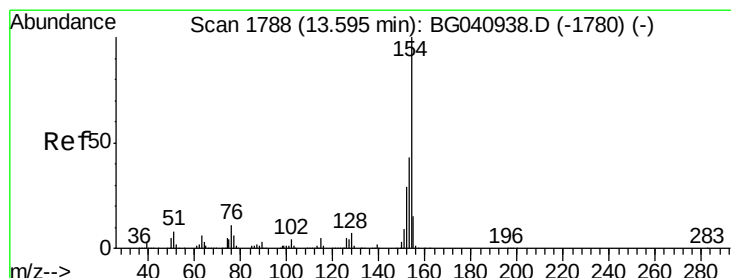
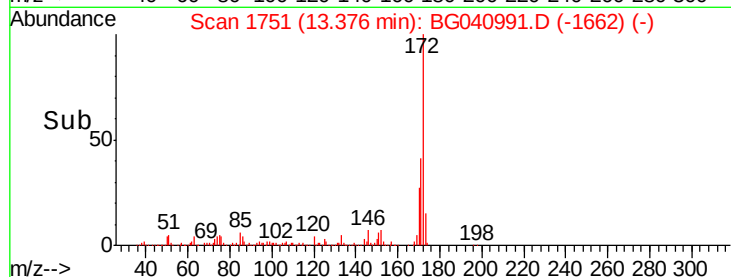
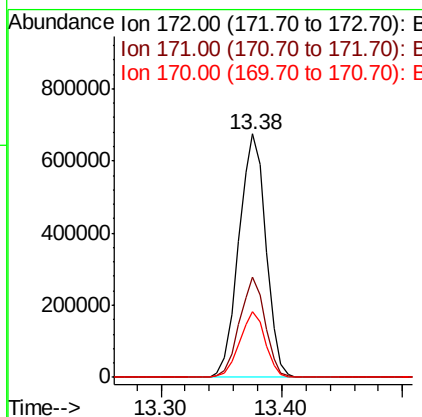
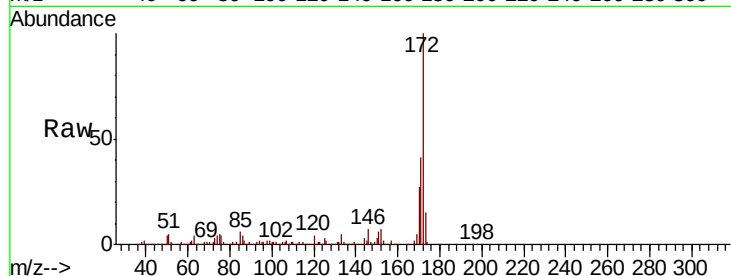
#45
2-Fluorobiphenyl
Concen: 78.808 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.0	31.1	46.7
170	27.1	20.5	30.7

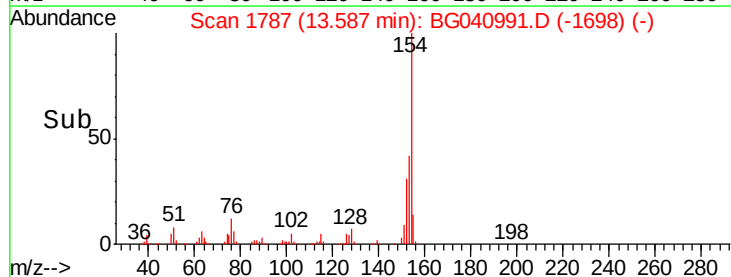
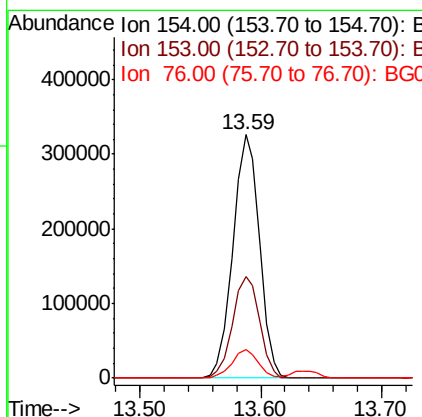
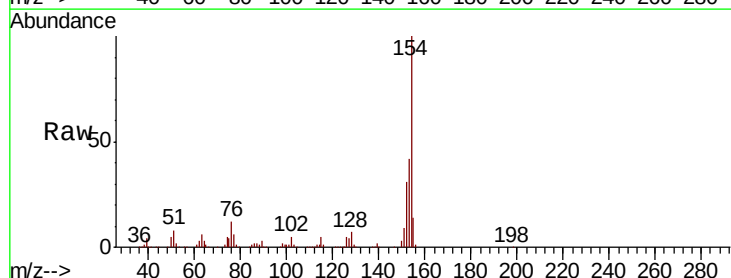
Manual Integrations
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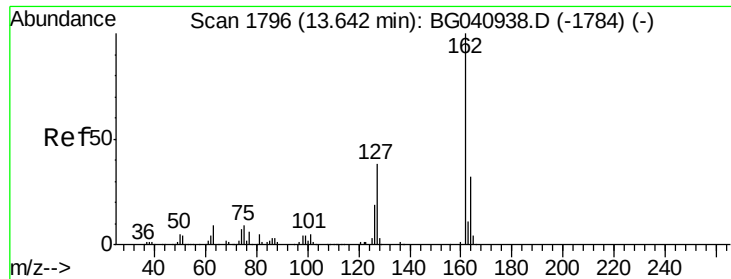
mohammad
6/3/2019 8:50:24 AM



#46
1,1'-Biphenyl
Concen: 35.192 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	23.3	63.3
76	11.8	0.0	31.1





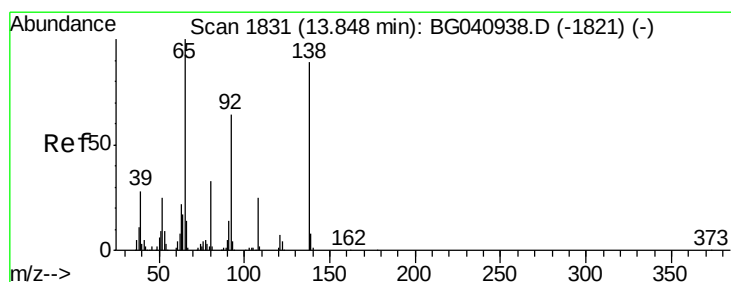
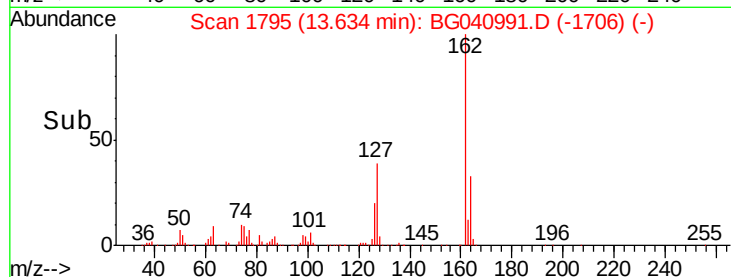
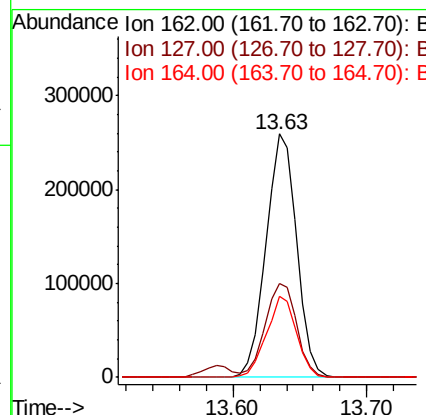
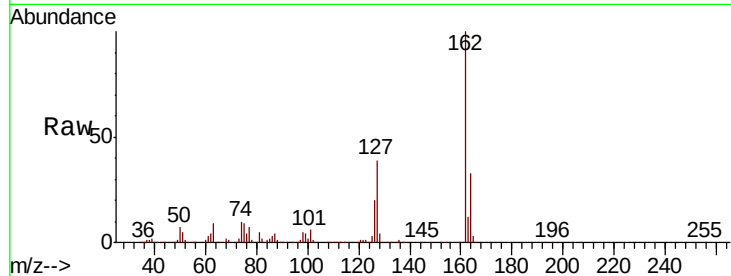
#47
 2-Chloronaphthalene
 Concen: 33.695 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG040991.D
 Acq: 1 Jun 2019 00:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119943BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	30.5	45.7
164	33.4	25.8	38.6

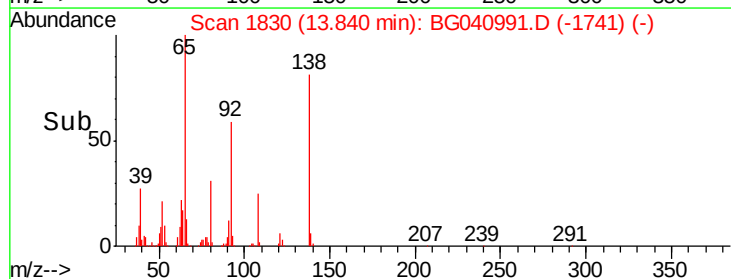
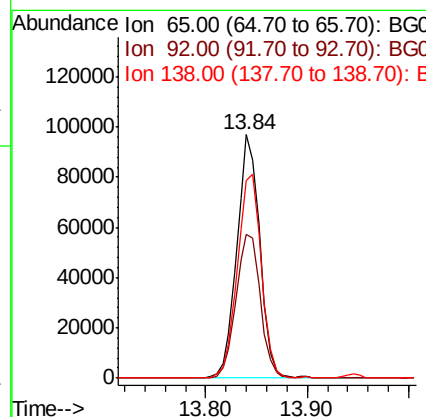
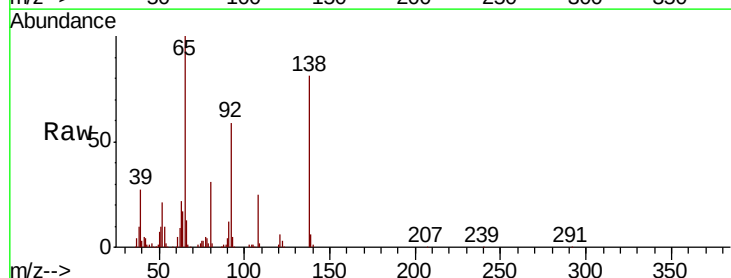
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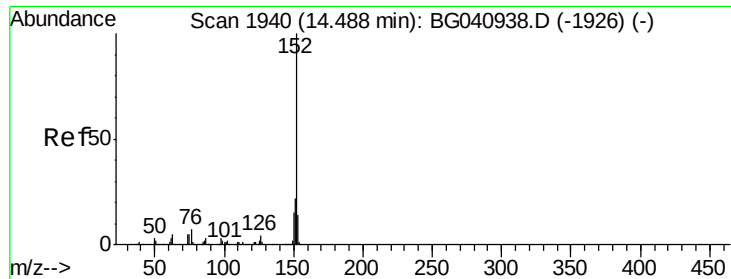
mohammad
 6/3/2019 8:50:24 AM



#48
 2-Nitroaniline
 Concen: 34.685 ng
 RT: 13.84 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG040991.D
 Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.2	51.0	76.6
138	81.0	71.2	106.8





#49

Acenaphthylene

Concen: 35.102 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Instrument :

BNA_G

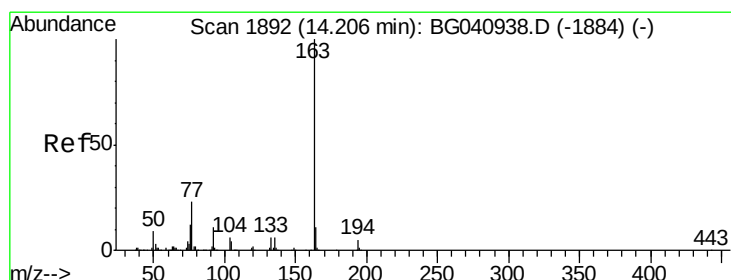
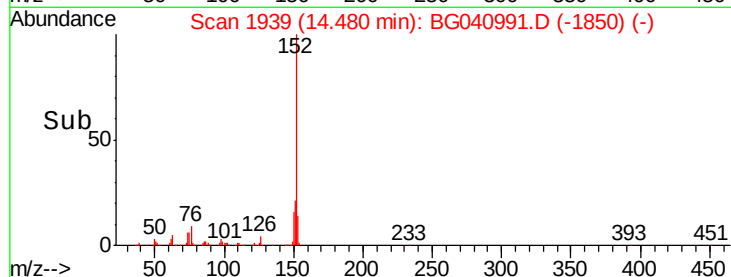
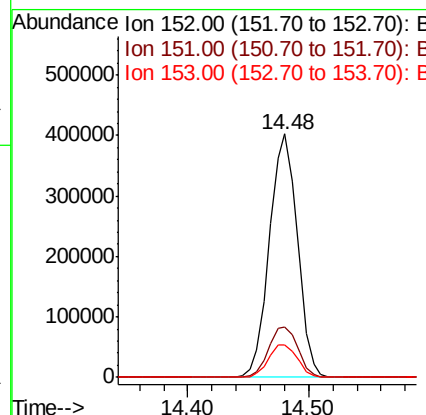
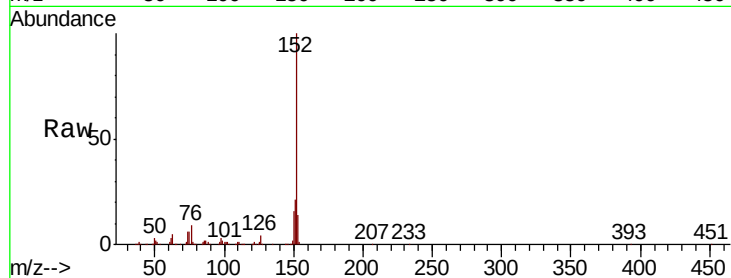
ClientSampleId :

PB119943BSD

Tot Ion:	152	Resp:	644921
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.4	26.0
153	13.5	11.0	16.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 33.925 ng

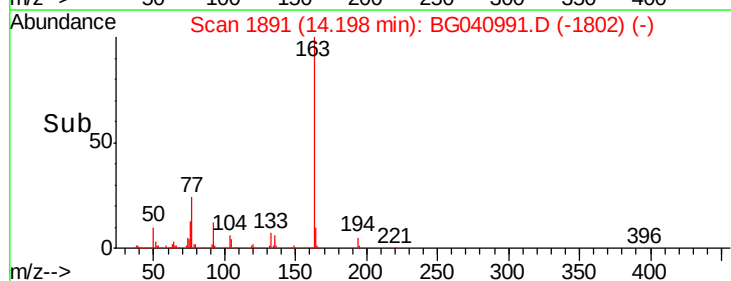
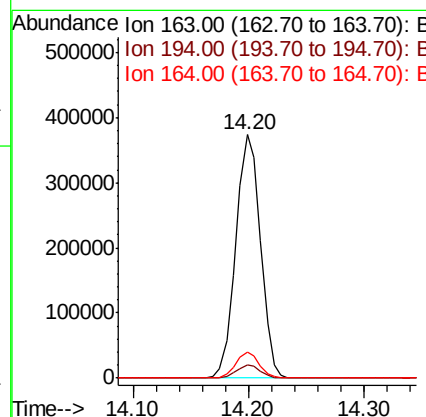
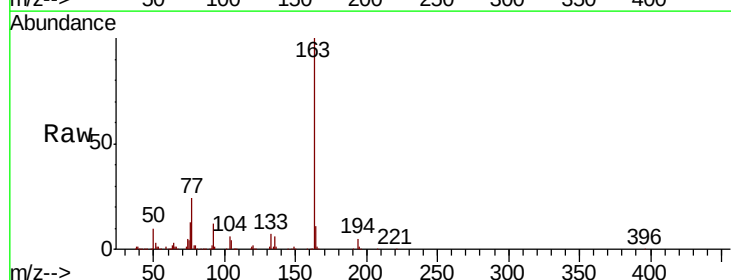
RT: 14.20 min Scan# 1891

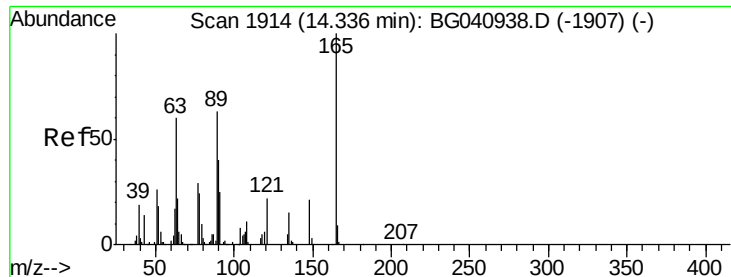
Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Tgt Ion:	163	Resp:	551667
Ion Ratio	Lower	Upper	
163	100		
194	5.4	3.8	5.8
164	10.5	8.7	13.1





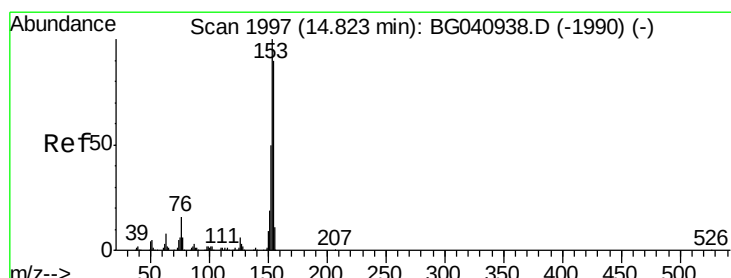
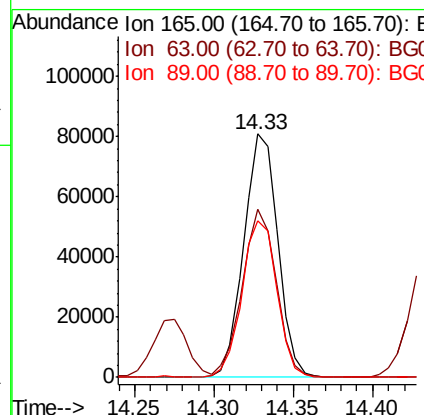
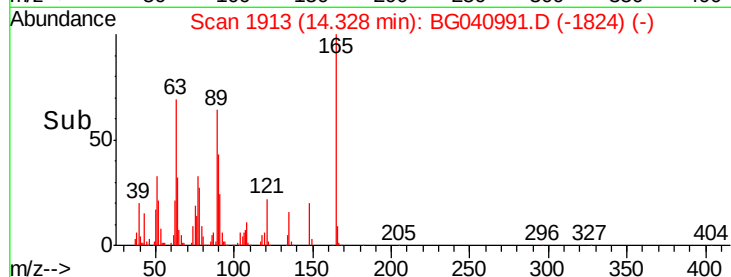
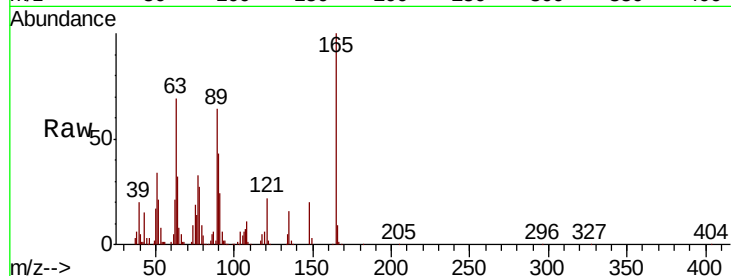
#51
 2,6-Dinitrotoluene
 Concen: 34.339 ng
 RT: 14.33 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BG040991.D
 Acq: 1 Jun 2019 00:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119943BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	120395		
63	69.2		53.6	80.4
89	64.4		50.4	75.6

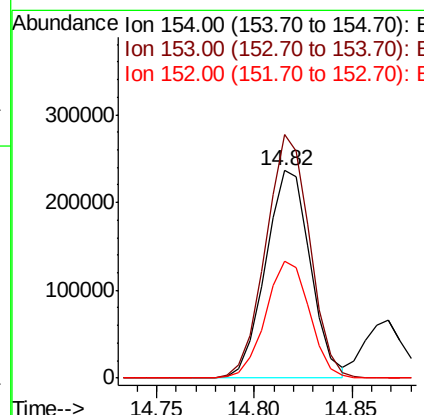
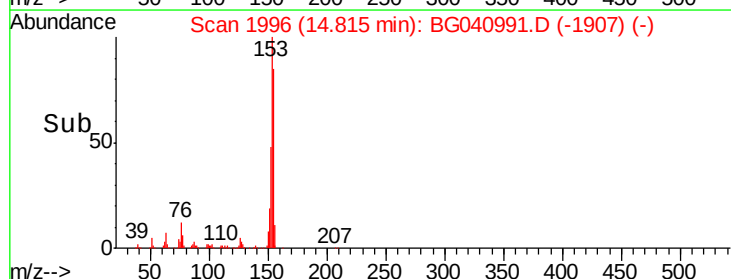
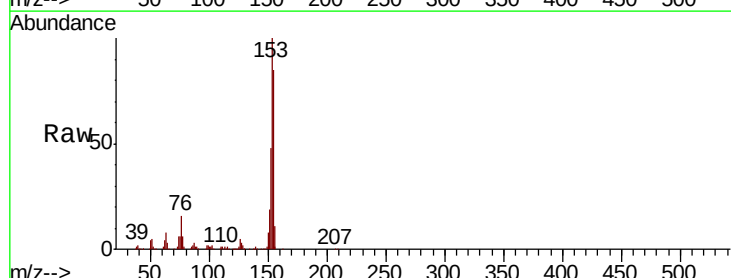
Manual Integrations
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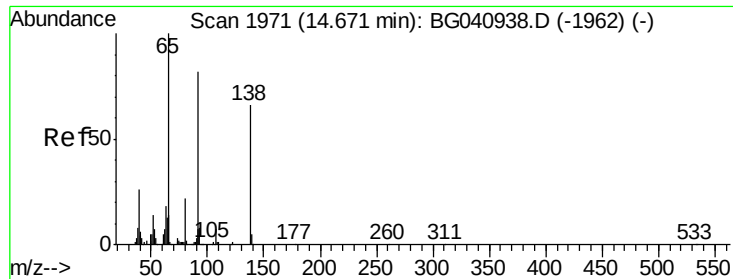
mohammad
 6/3/2019 8:50:24 AM



#52
 Acenaphthene
 Concen: 33.708 ng
 RT: 14.82 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BG040991.D
 Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	375171		
153	117.3		88.6	133.0
152	56.3		44.2	66.4





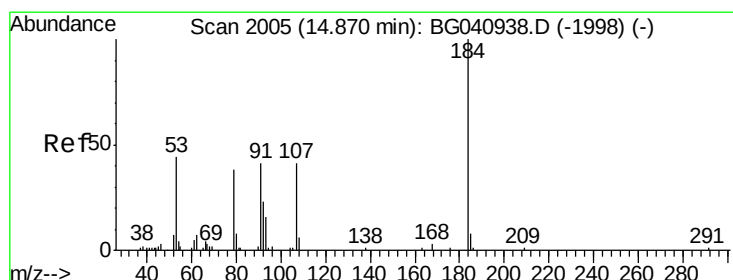
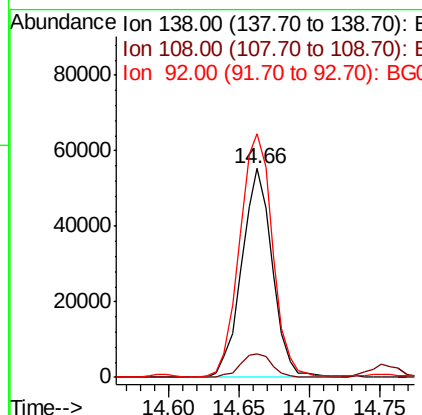
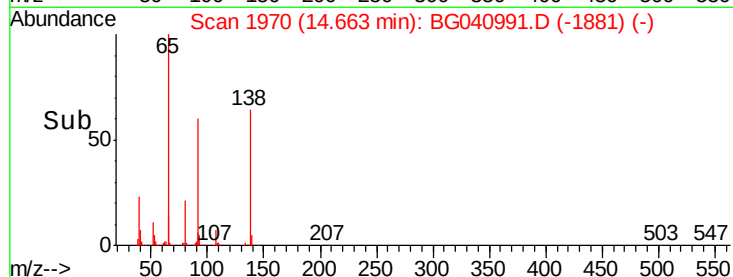
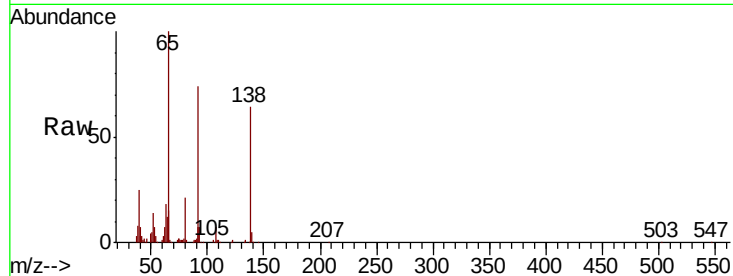
#53
3-Nitroaniline
Concen: 23.906 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.5	12.7
92	116.7	99.0	148.6

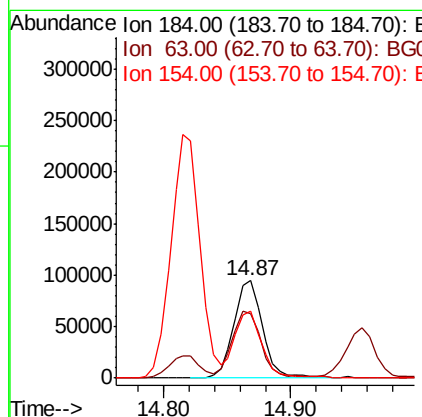
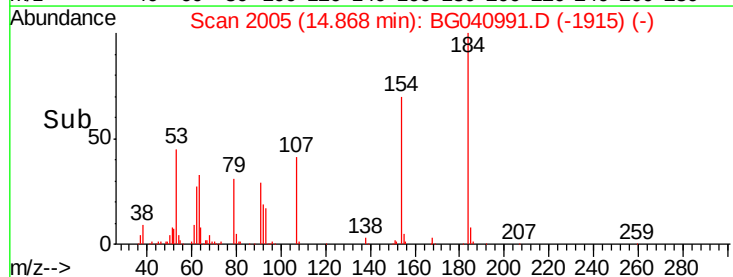
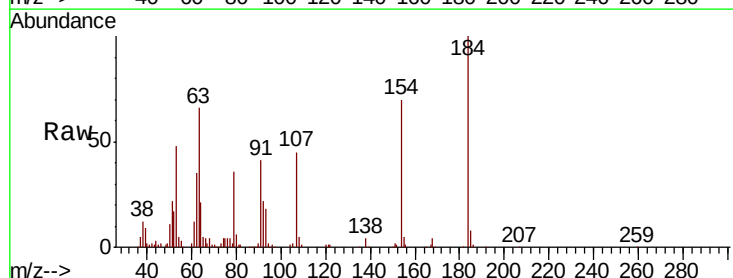
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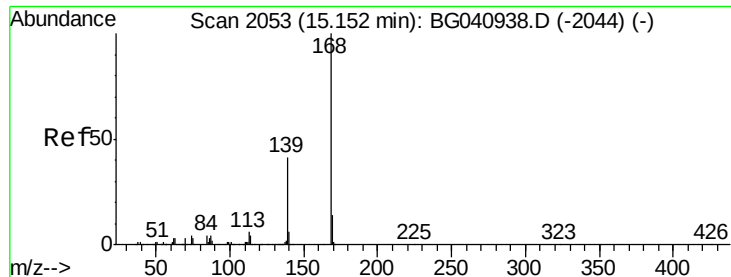
mohammad
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#54
2,4-Dinitrophenol
Concen: 80.722 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.2	49.8	74.6
154	69.5	52.2	78.4





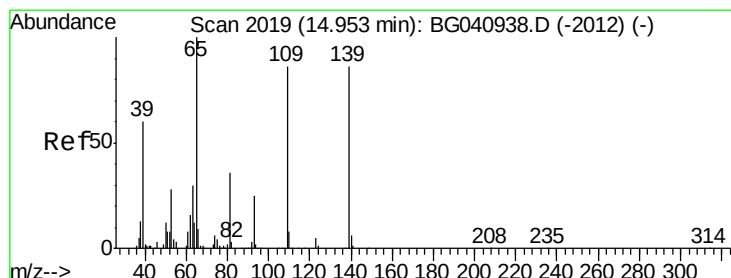
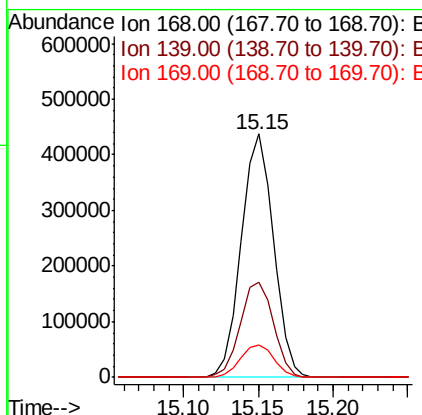
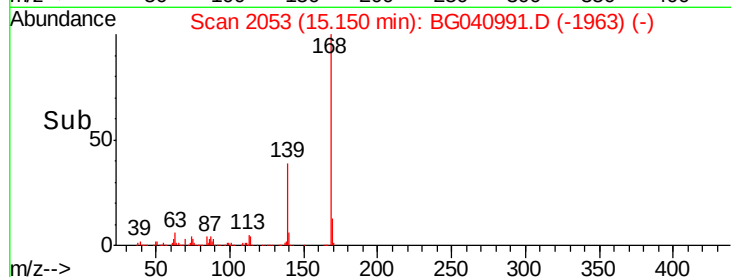
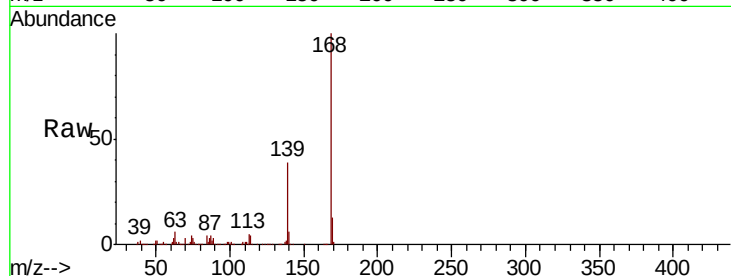
#55
Dibenzofuran
Concen: 34.994 ng
RT: 15.15 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	32.8	49.2
169	13.3	11.3	16.9

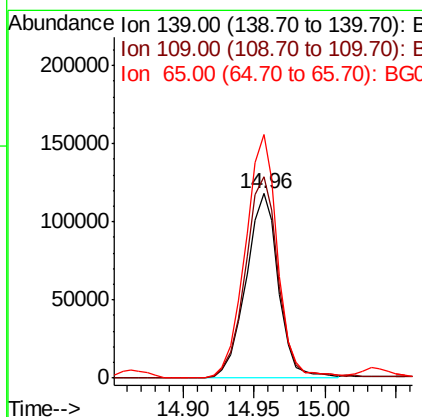
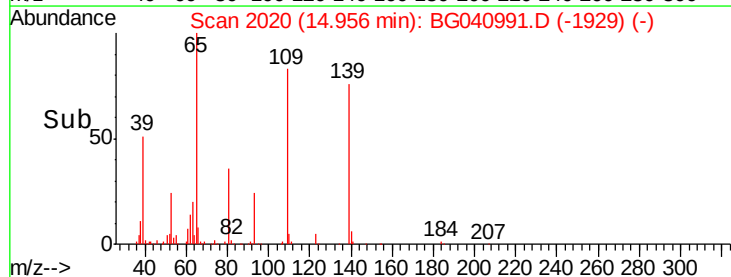
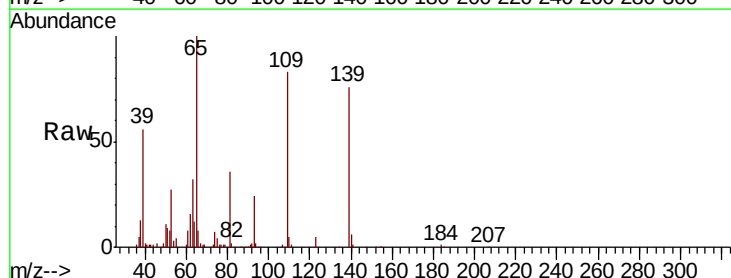
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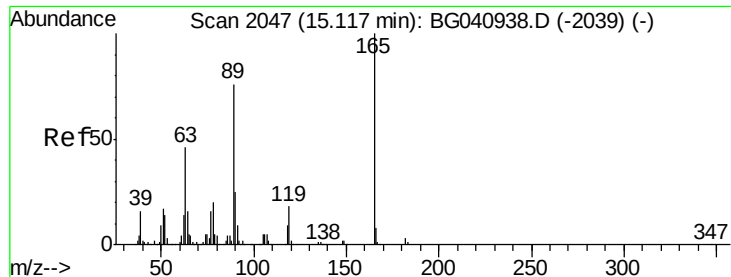
mohammad
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#56
4-Nitrophenol
Concen: 78.894 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	109.0	79.6	119.6
65	132.1	96.9	136.9





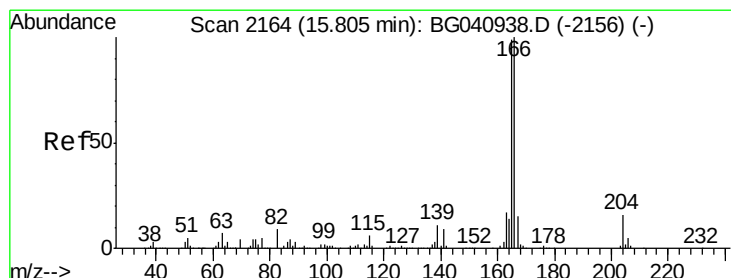
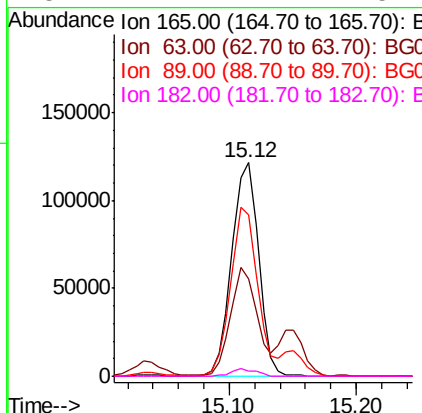
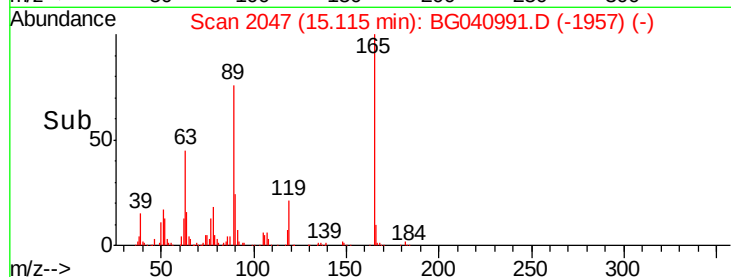
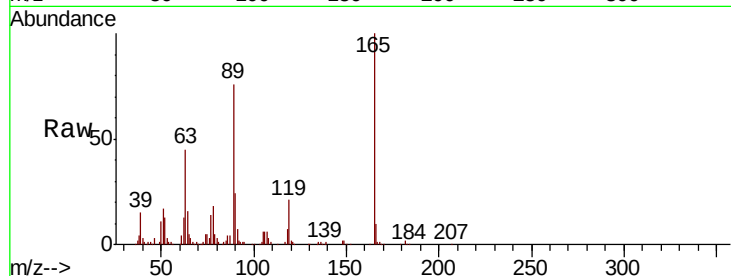
#57
2,4-Dinitrotoluene
Concen: 35.937 ng
RT: 15.12 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		177980		
63	45.4		37.3	55.9	
89	75.8		61.0	91.6	
182	2.4		2.2	3.2	

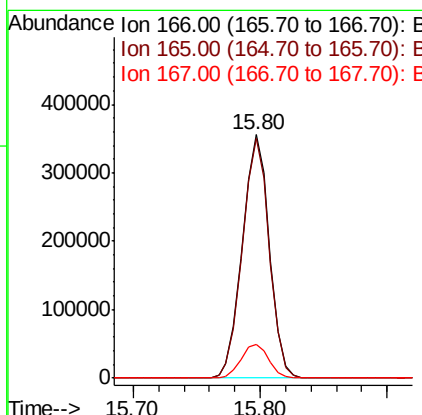
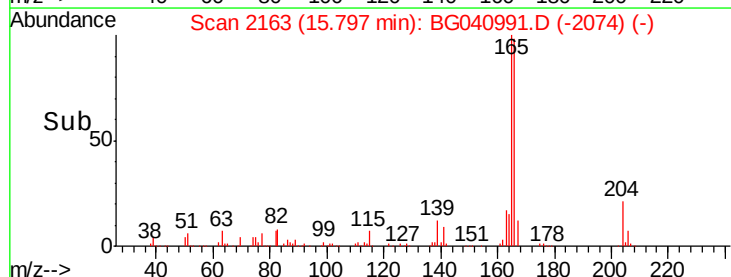
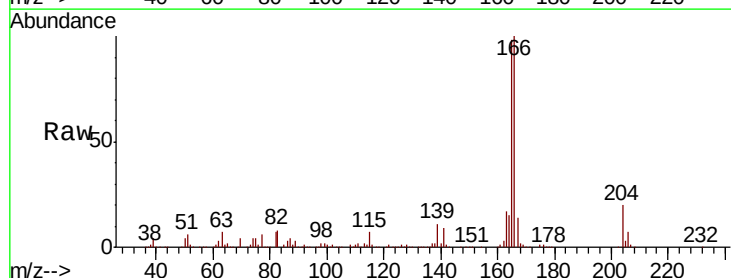
Manual Integrations
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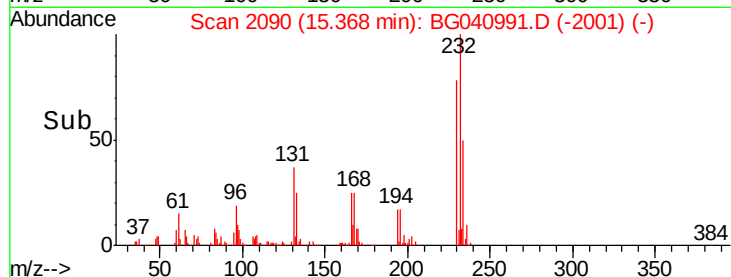
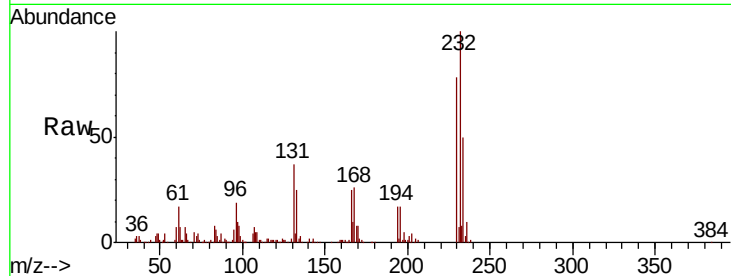
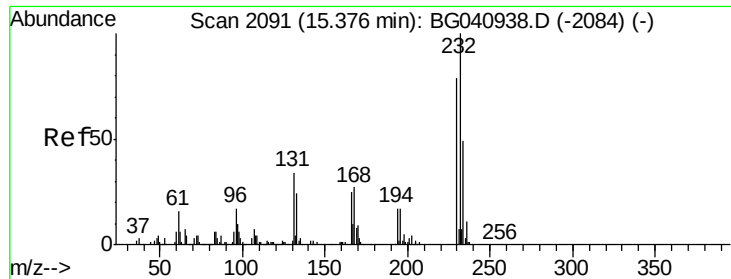
mohammad
6/3/2019 8:50:24 AM



#58
Fluorene
Concen: 35.116 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		523749		
165	98.2		79.2	118.8	
167	13.7		11.8	17.6	





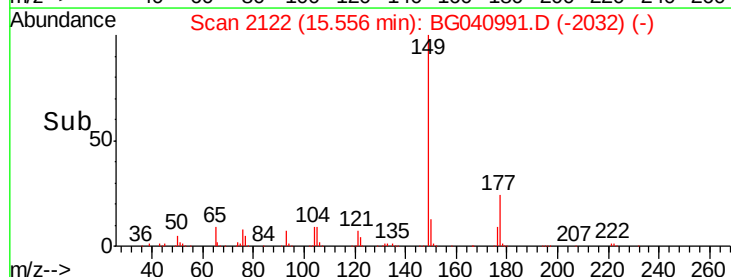
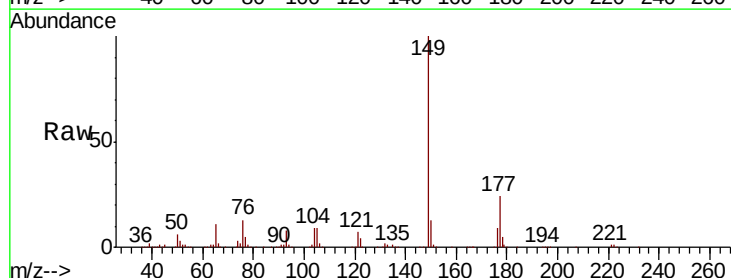
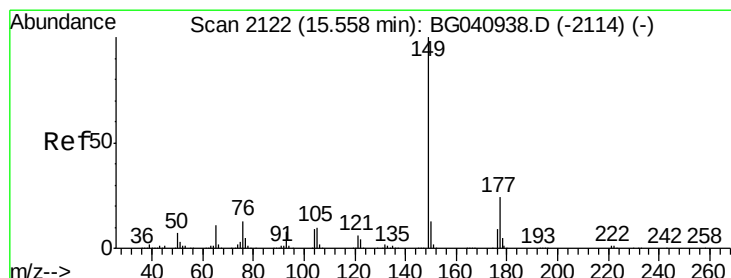
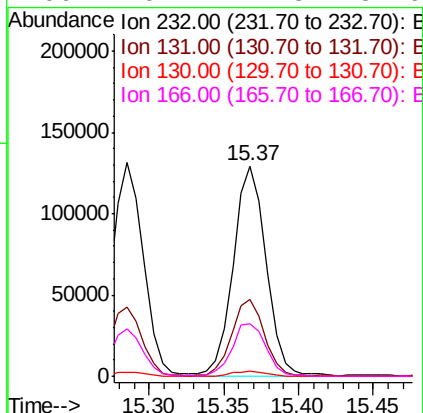
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.247 ng
RT: 15.37 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	36.1	30.3	45.5
130	2.3	1.8	2.8
166	26.1	21.3	31.9

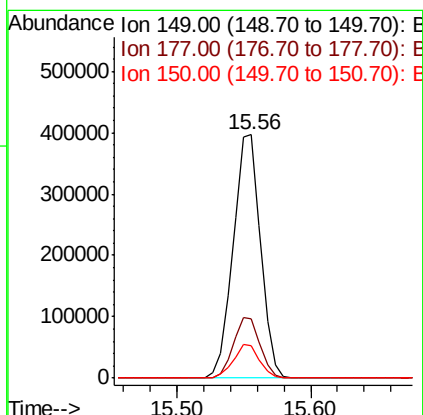
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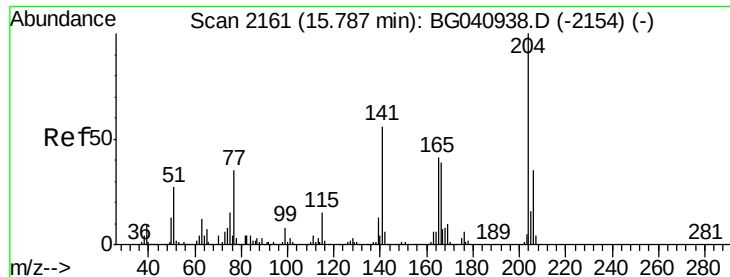
mohammad
6/3/2019 8:50:24 AM



#60
Diethylphthalate
Concen: 34.013 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	24.2	19.4	29.0
150	13.5	10.3	15.5





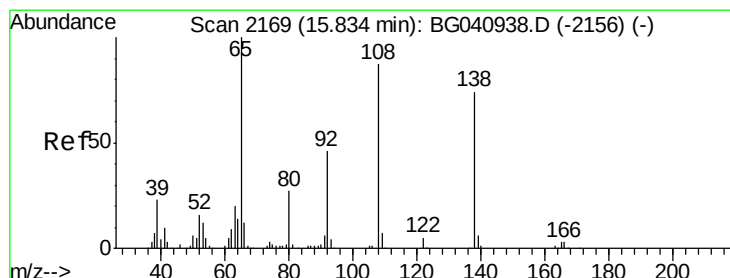
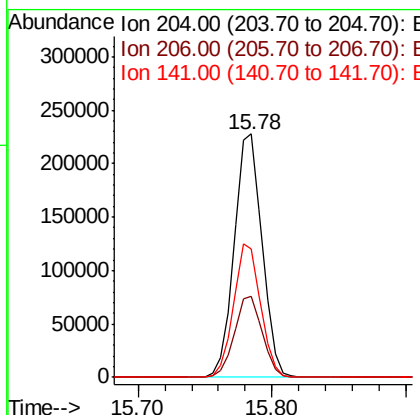
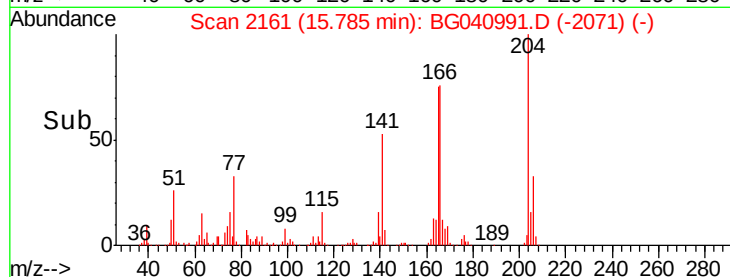
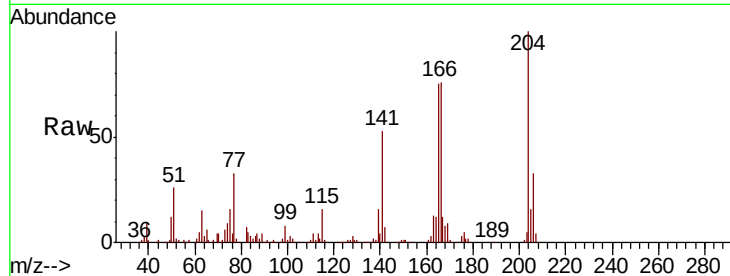
#61
4-Chlorophenyl-phenylether
Concen: 33.998 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.6	41.4
141	52.5	45.1	67.7

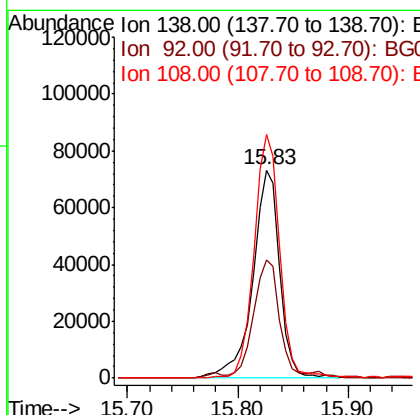
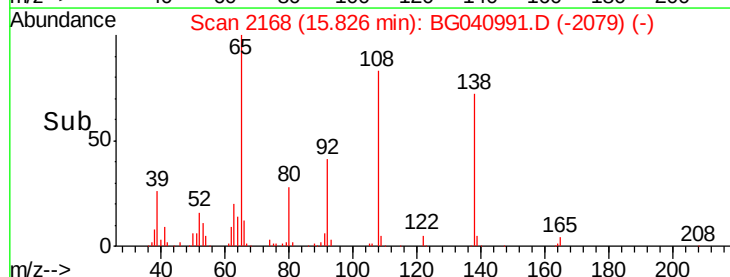
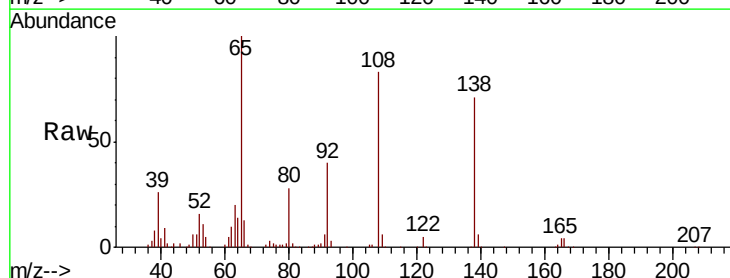
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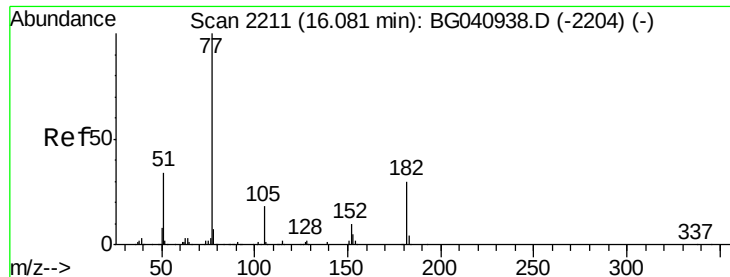
mohammad
6/3/2019 8:50:24 AM



#62
4-Nitroaniline
Concen: 33.766 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.0	42.4	82.4
108	117.0	96.9	136.9





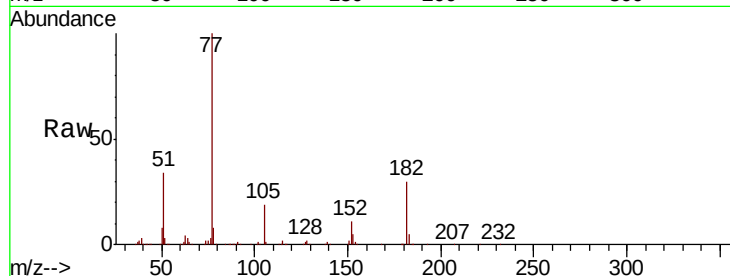
#63
Azobenzene
Concen: 35.426 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

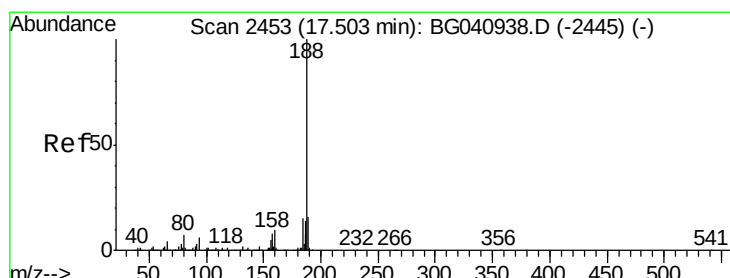
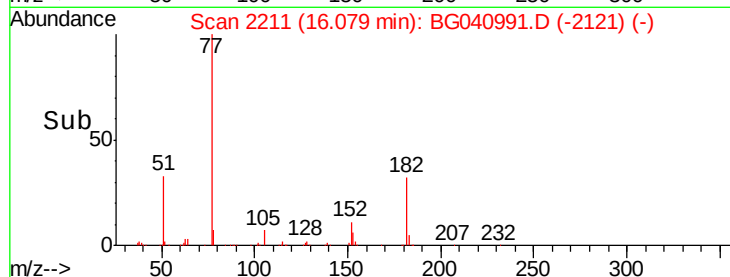
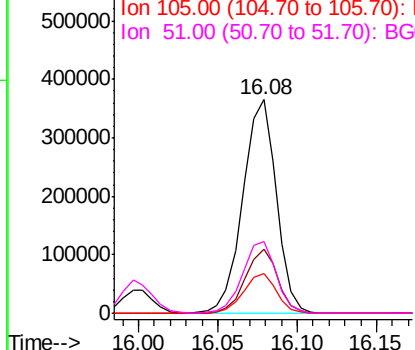
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	29.8	9.6	49.6		
105	18.5	0.0	37.5		
51	33.8	13.7	53.7		

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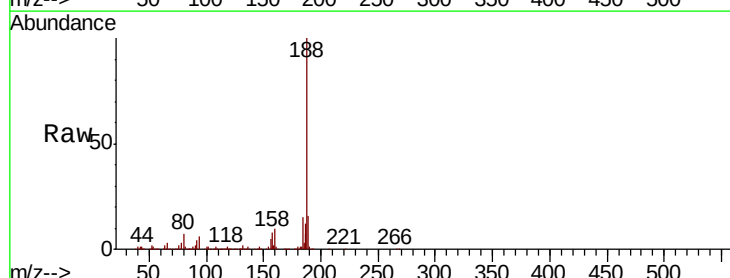


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

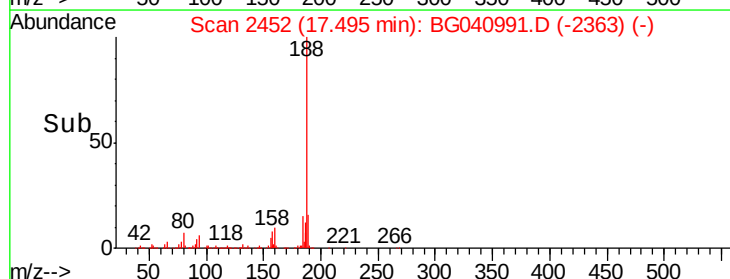
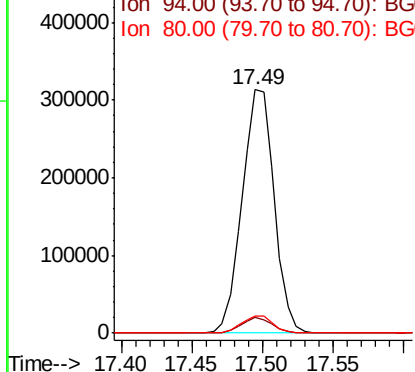


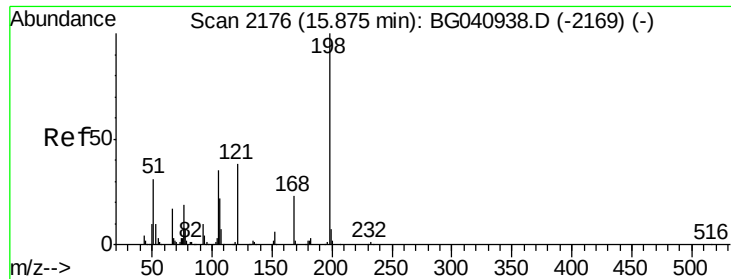
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.4	4.7	7.1		
80	6.8	5.8	8.8		



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





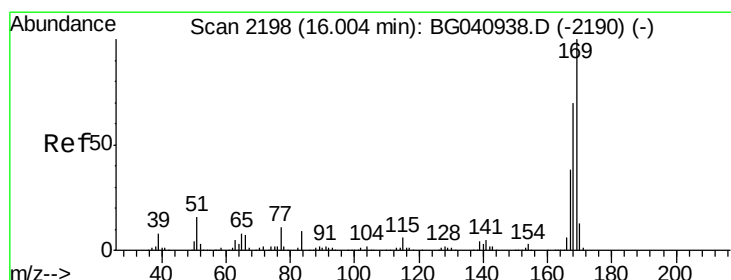
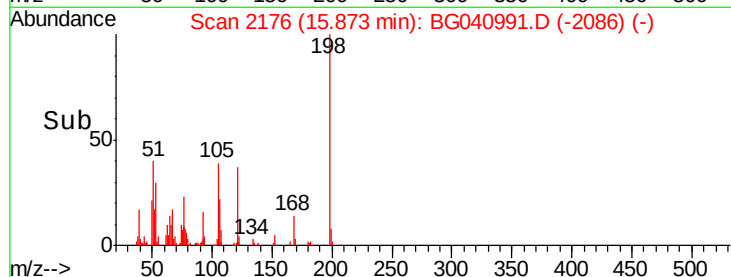
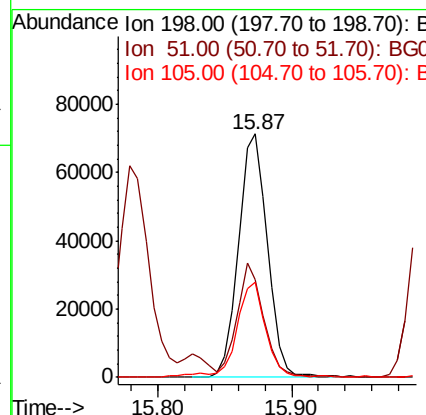
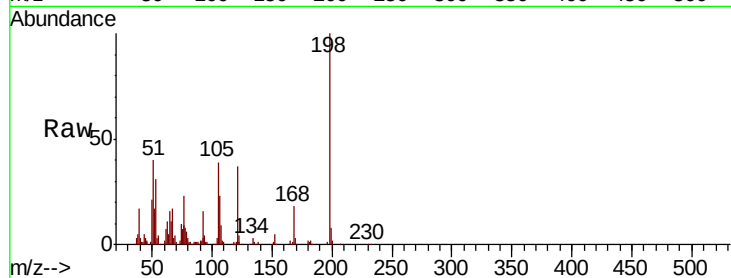
#65
4,6-Dinitro-2-methylphenol
Concen: 41.596 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	107125		
51	40.1		21.6	61.6
105	38.9		17.5	57.5

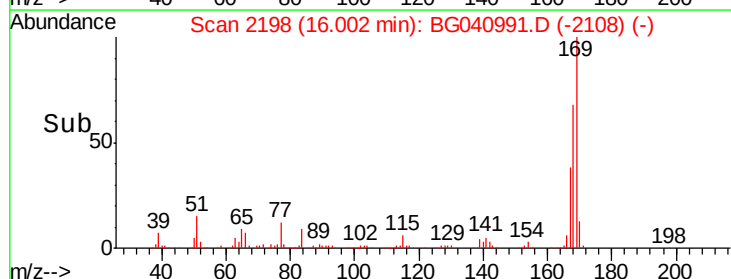
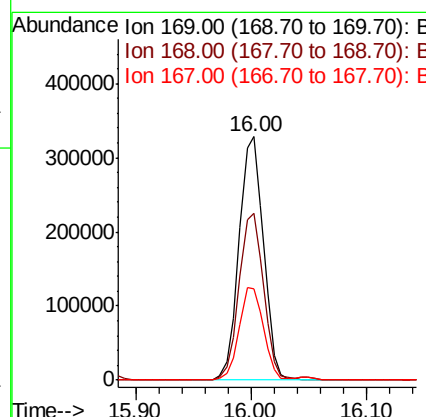
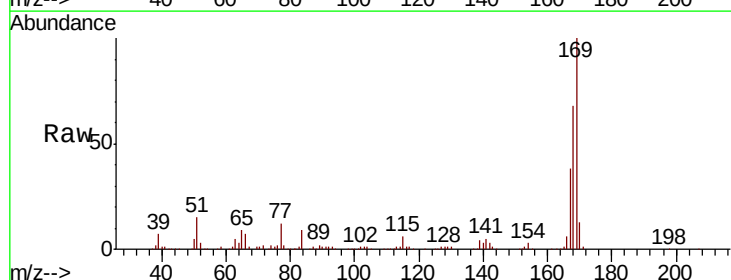
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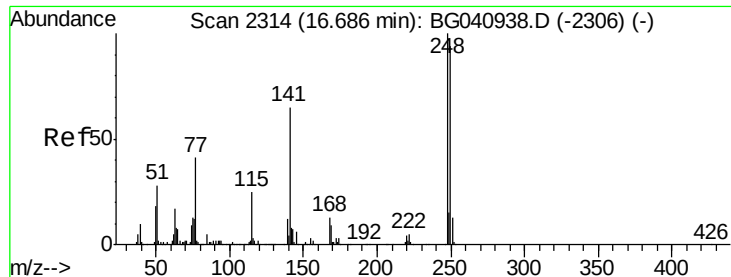
mohammad
6/3/2019 8:50:24 AM



#66
n-Nitrosodiphenylamine
Concen: 34.360 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	480345		
168	68.4		55.7	83.5
167	37.5		30.2	45.2





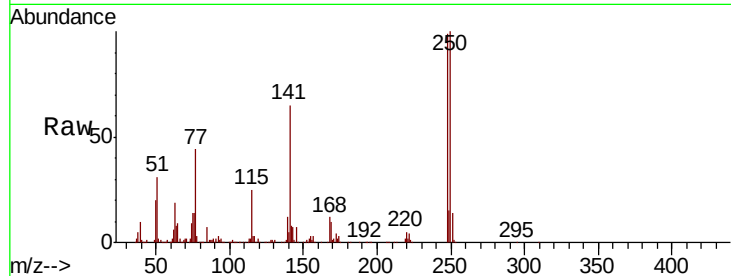
#67
4-Bromophenyl-phenylether
Concen: 32.775 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.7	75.0	112.4
141	65.6	52.4	78.6

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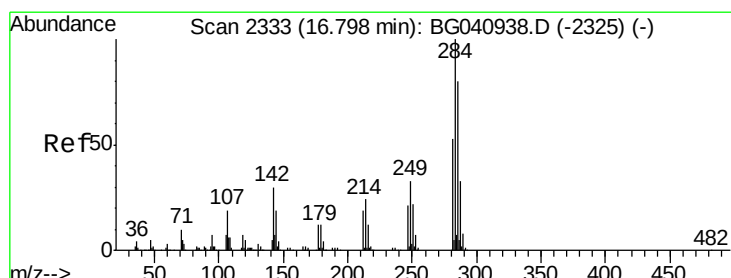
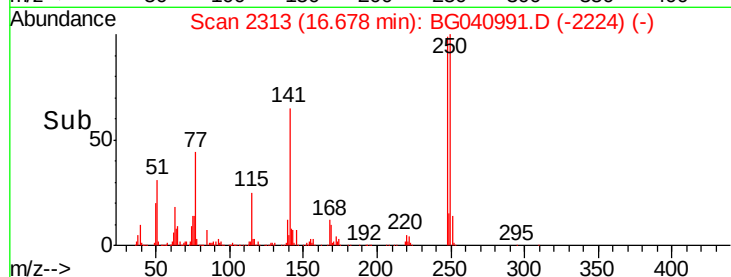
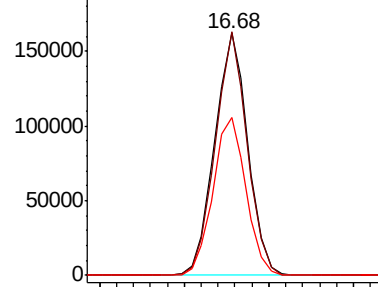


Abundance

Ion 248.00 (247.70 to 248.70): E

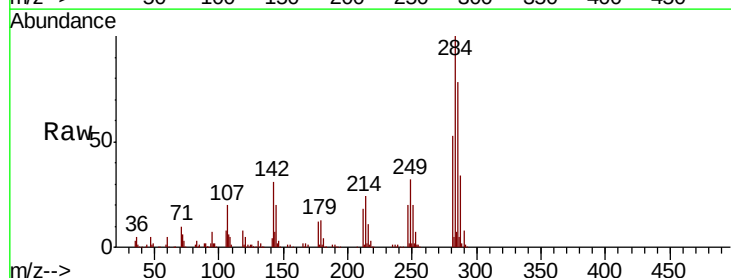
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 31.586 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	23.9	35.9
249	32.0	26.8	40.2

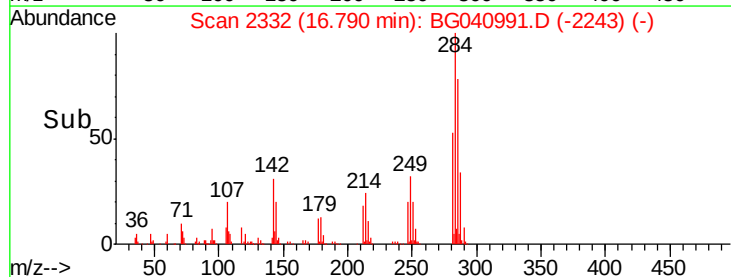
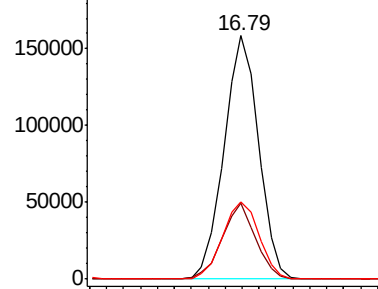


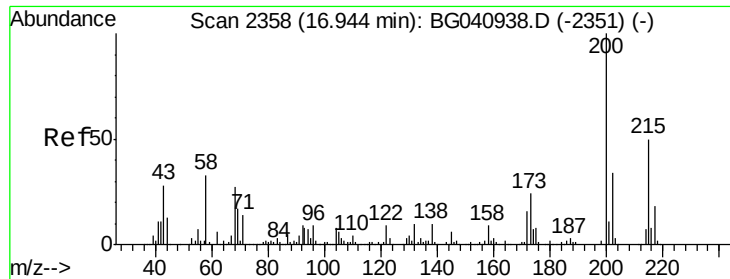
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





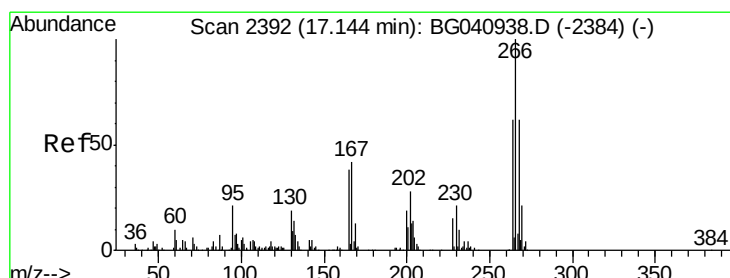
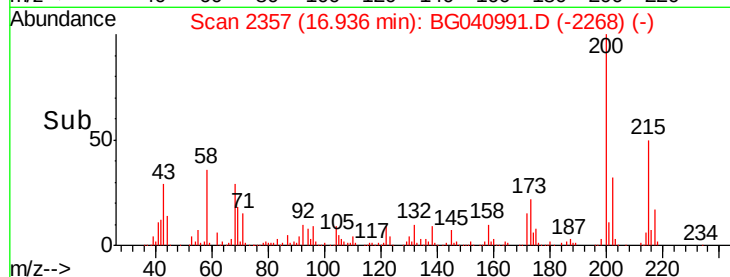
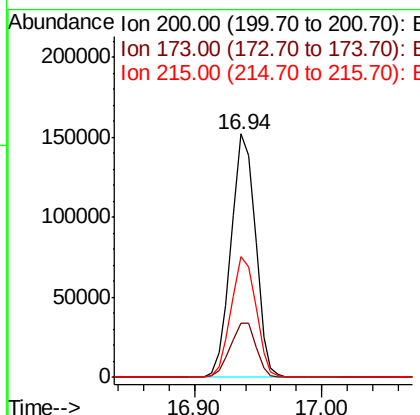
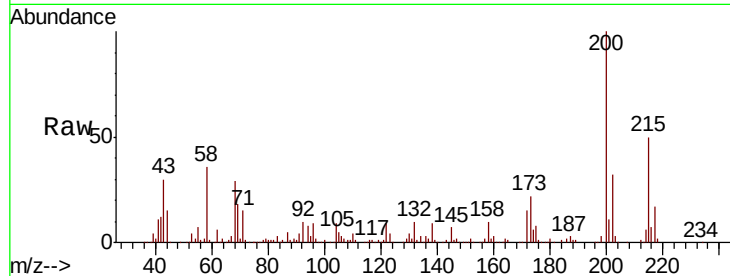
#69
Atrazine
Concen: 37.529 ng
RT: 16.94 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.3	3.6	43.6
215	49.6	29.6	69.6

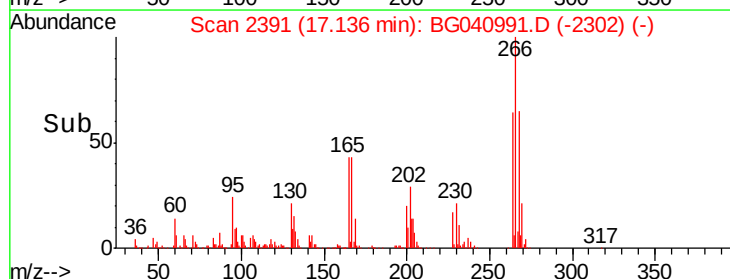
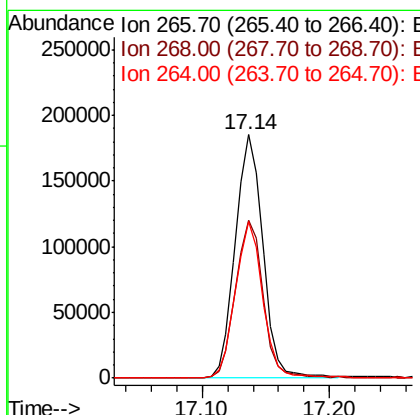
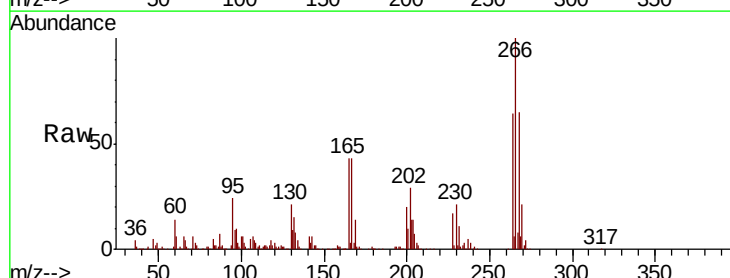
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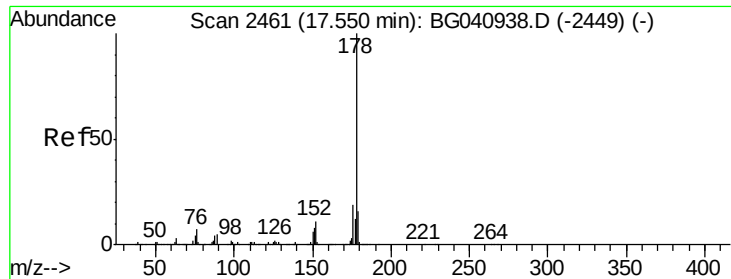
mohammad
6/3/2019 8:50:24 AM



#70
Pentachlorophenol
Concen: 73.155 ng
RT: 17.14 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	53.1	79.7
264	64.4	49.9	74.9





#71

Phenanthrene

Concen: 34.931 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Instrument :

BNA_G

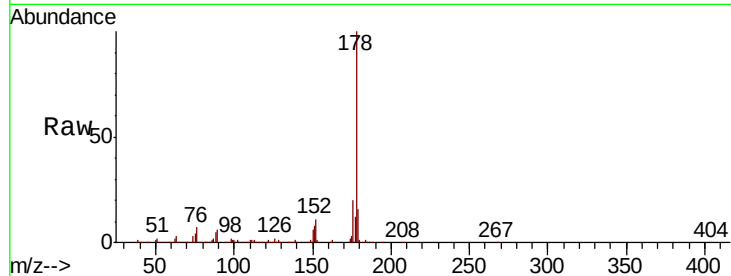
ClientSampleId :

PB119943BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.5	23.3
179	15.7	12.7	19.1

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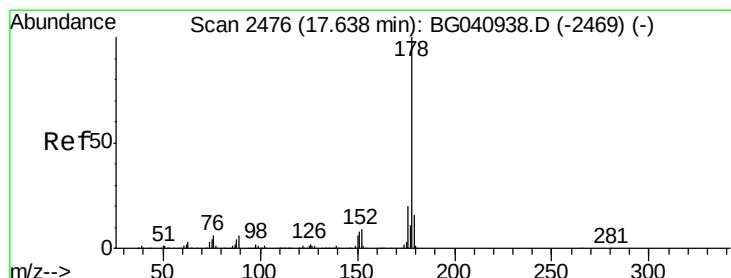
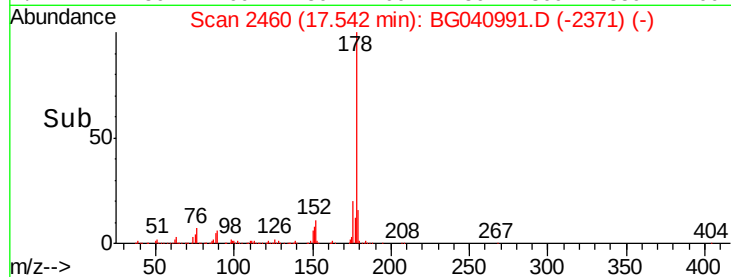
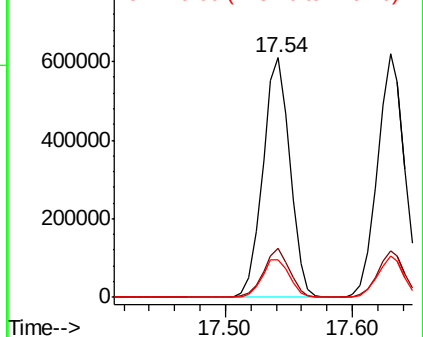


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.008 ng

RT: 17.63 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

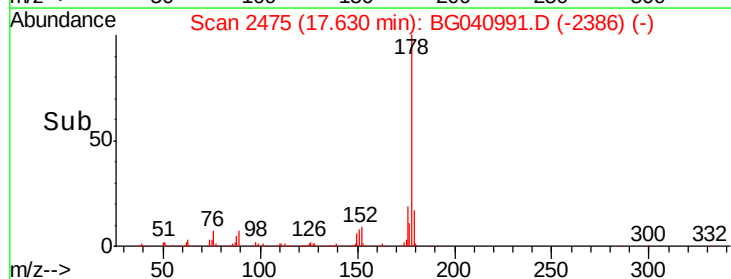
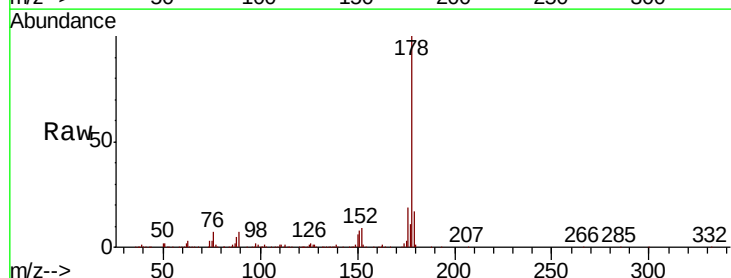
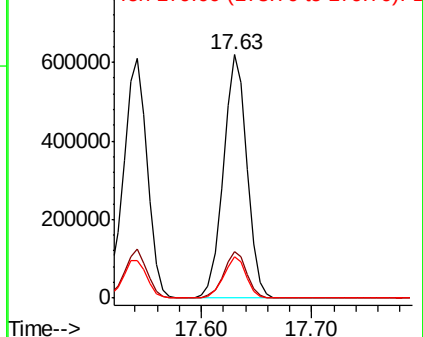
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	16.8	13.0	19.4

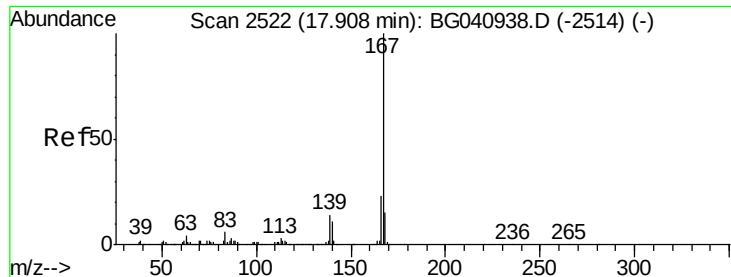
Abundance

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





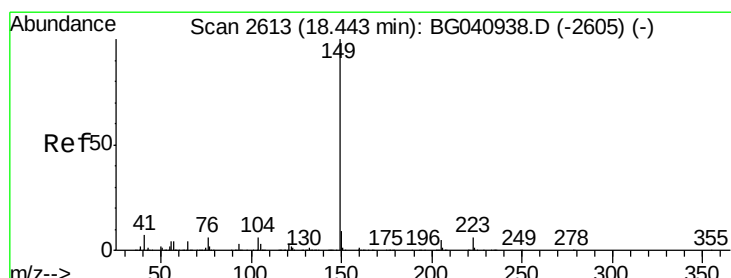
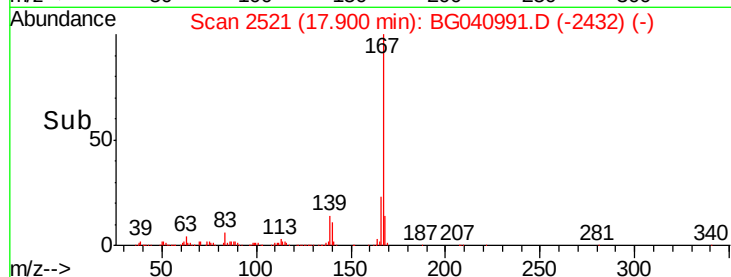
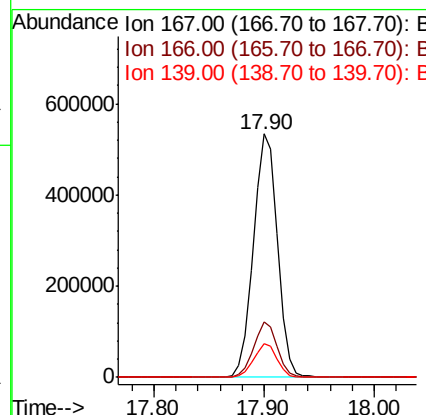
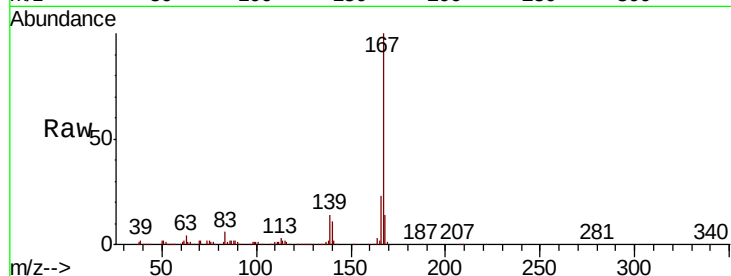
#73
 Carbazole
 Concen: 37.195 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG040991.D
 Acq: 1 Jun 2019 00:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119943BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.4
139	14.1	10.8	16.2

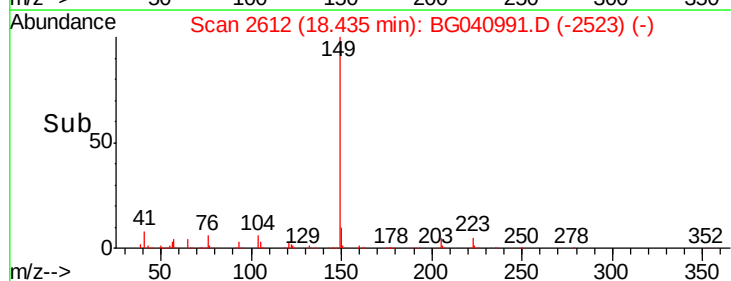
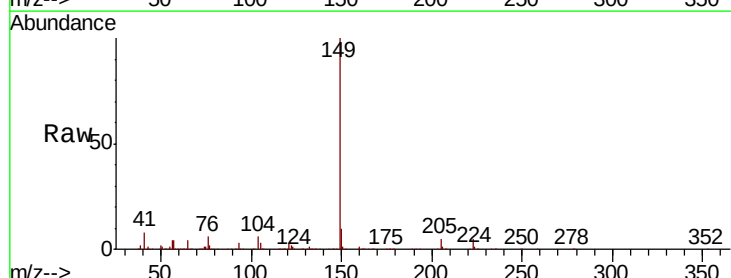
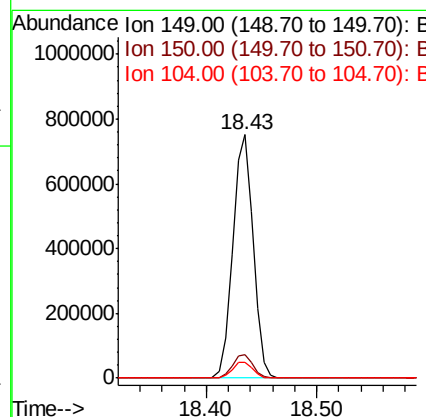
Manual Integrations
 APPROVED

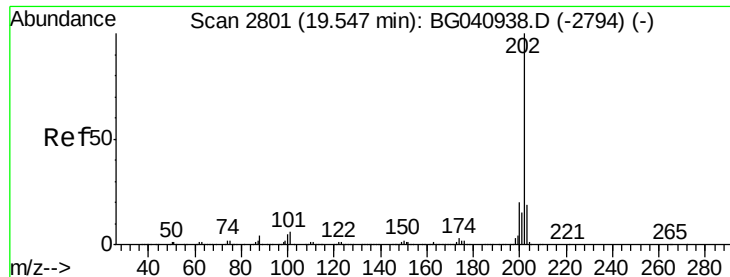
mohammad
 6/3/2019 8:50:24 AM



#74
 Di-n-butylphthalate
 Concen: 35.602 ng
 RT: 18.43 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG040991.D
 Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.4	11.2
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 36.942 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

Tot Ion:202 Resp: 1181958

Ion Ratio Lower Upper

202 100

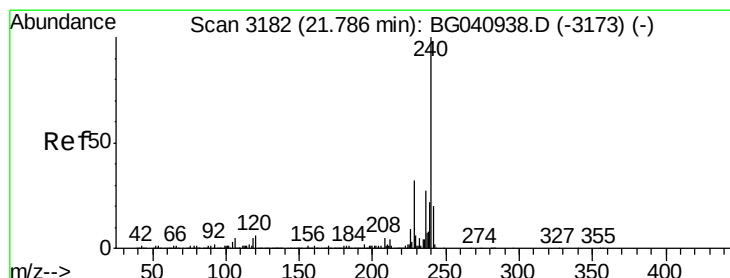
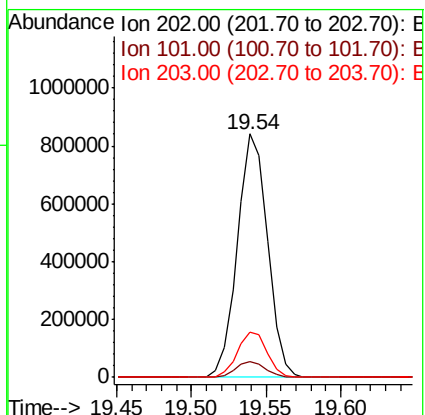
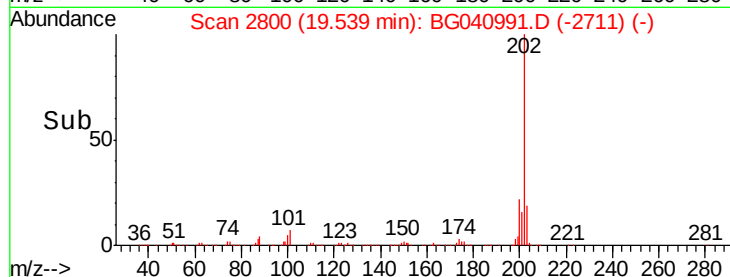
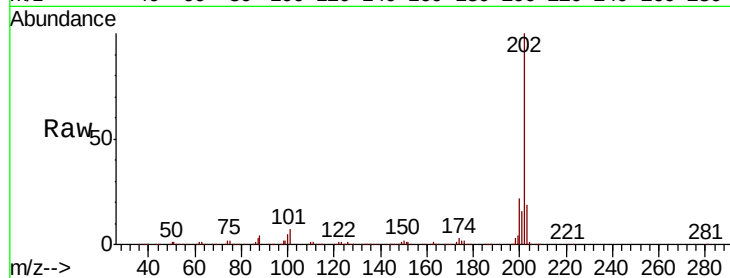
101 6.6 0.0 26.2

203 18.8 0.0 38.7

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

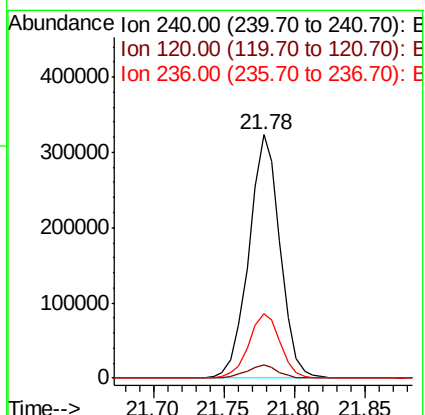
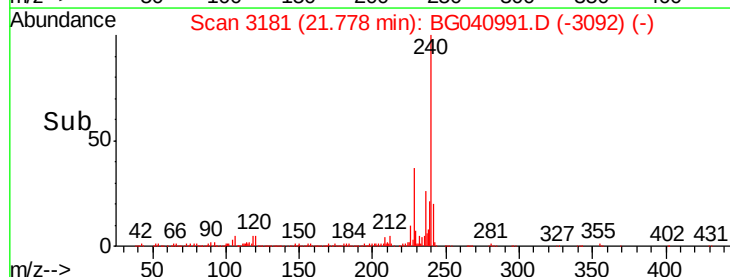
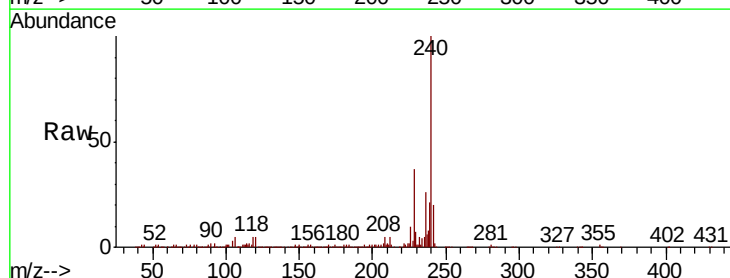
Tgt Ion:240 Resp: 500490

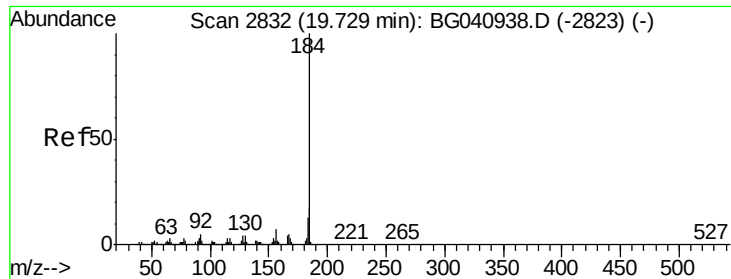
Ion Ratio Lower Upper

240 100

120 5.4 4.5 6.7

236 26.2 21.3 31.9





#77

Benzidine

Concen: 32.135 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Instrument :

BNA_G

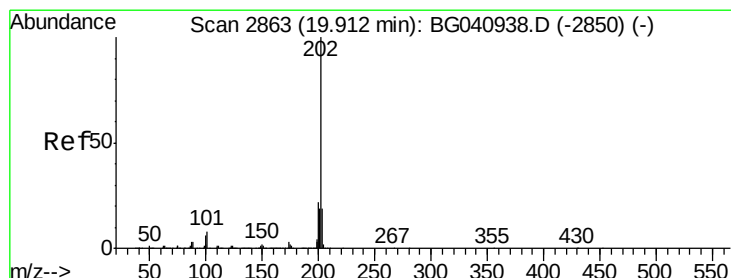
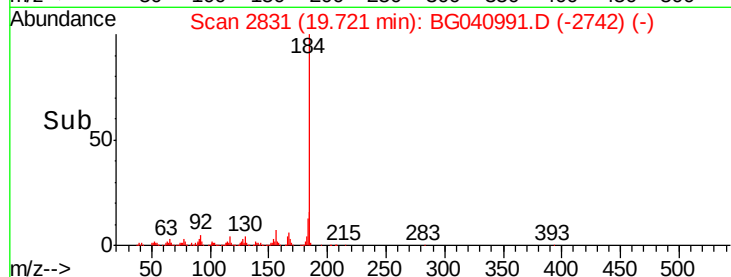
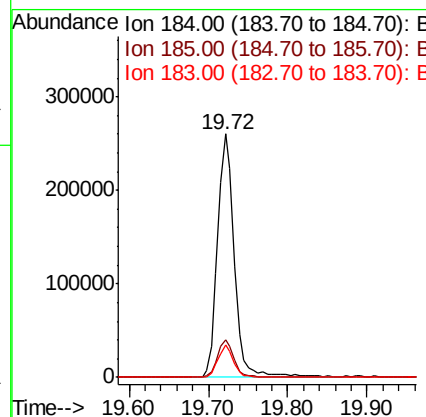
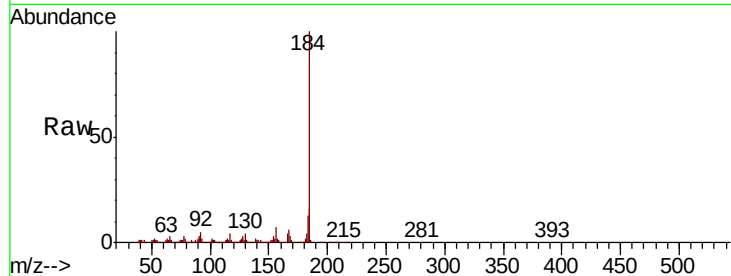
ClientSampleId :

PB119943BSD

Tot Ion:	184	Resp:	383667
Ion Ratio		Lower	Upper
184	100		
185	15.6	13.3	19.9
183	13.2	10.7	16.1

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#78

Pyrene

Concen: 36.673 ng

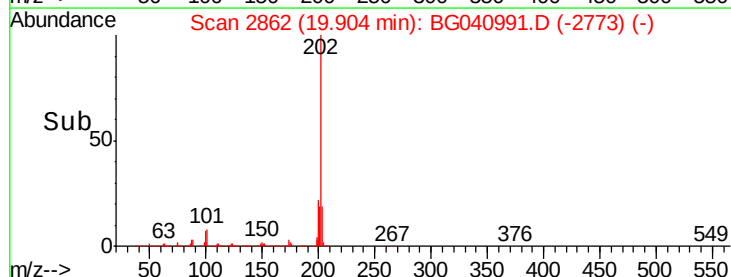
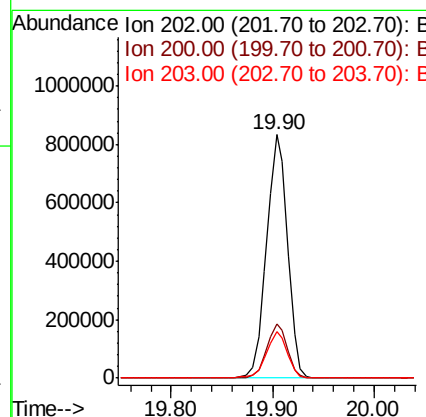
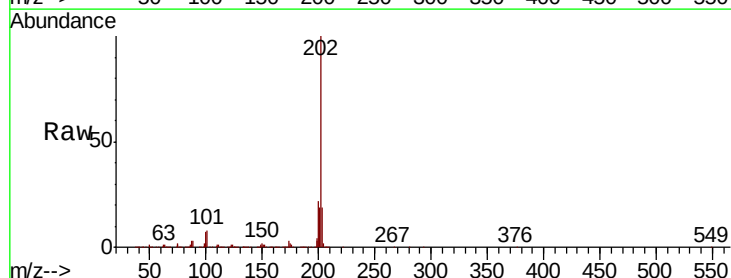
RT: 19.90 min Scan# 2862

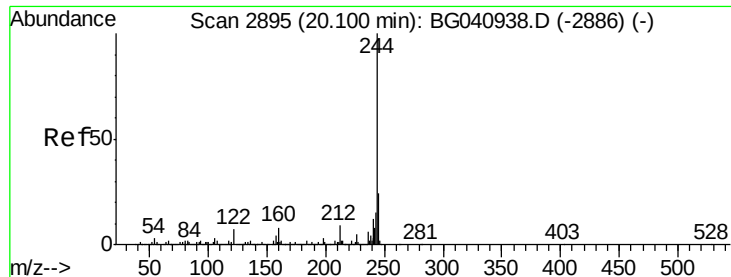
Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Tgt Ion:	202	Resp:	1193167
Ion Ratio		Lower	Upper
202	100		
200	22.3	17.5	26.3
203	19.3	15.6	23.4





#79

Terphenyl-d14

Concen: 82.330 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

Tot Ion:244 Resp: 1941504

Ion Ratio Lower Upper

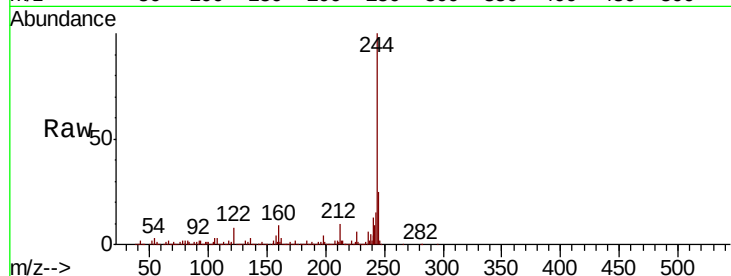
244 100

212 9.6 7.0 10.4

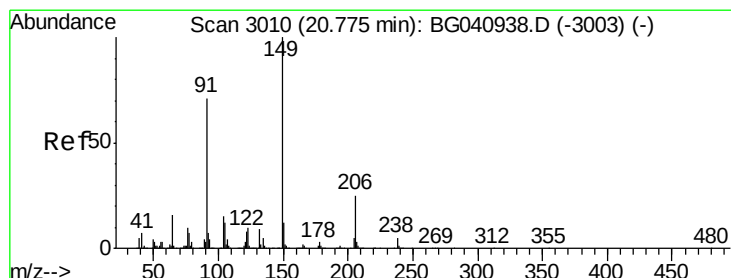
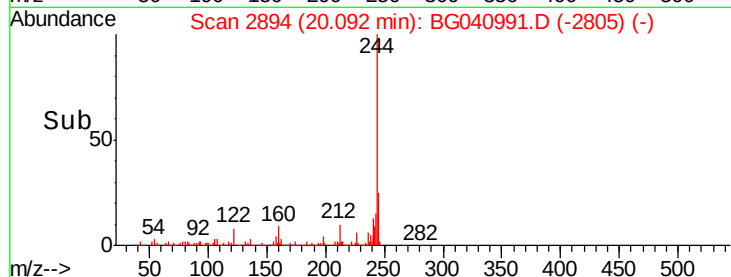
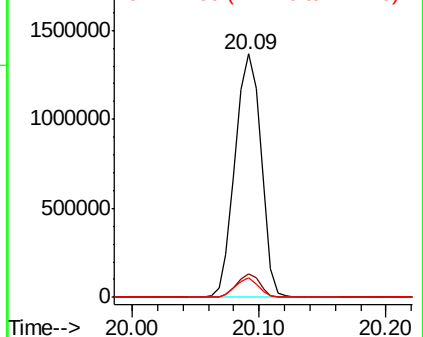
122 8.2 5.4 8.0#

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



#80

Butylbenzylphthalate

Concen: 35.612 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

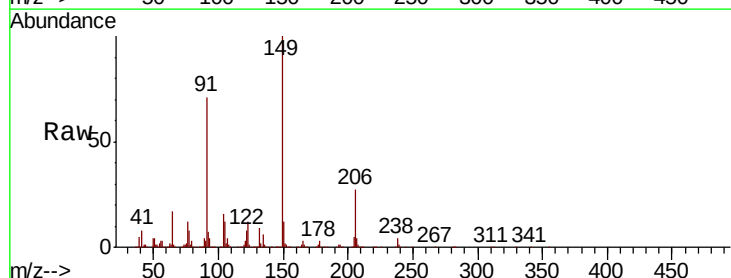
Tgt Ion:149 Resp: 450900

Ion Ratio Lower Upper

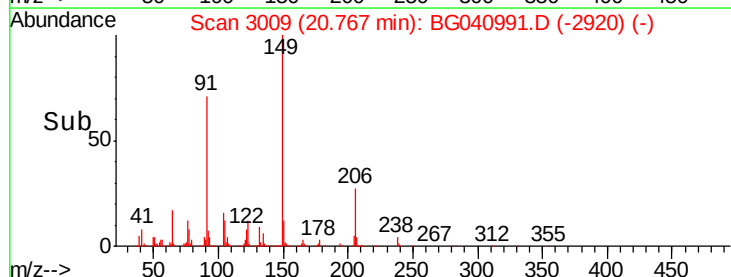
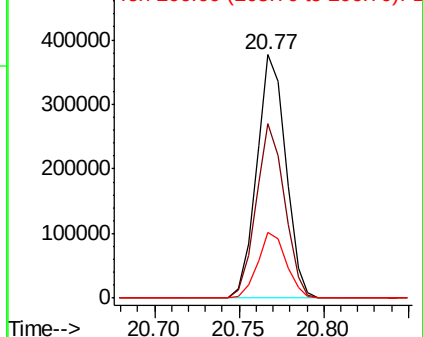
149 100

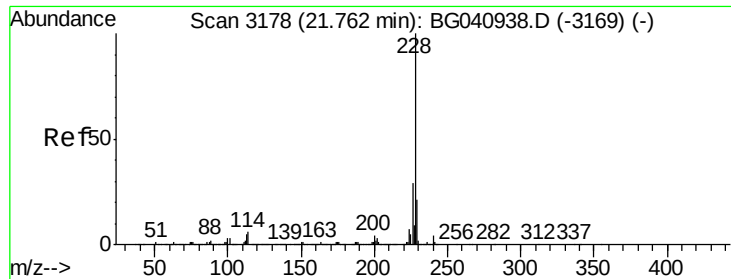
91 71.4 56.5 84.7

206 26.8 20.3 30.5



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





#81

Benzo(a)anthracene

Concen: 34.647 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

Tot Ion:228 Resp: 1154297

Ion Ratio Lower Upper

228 100

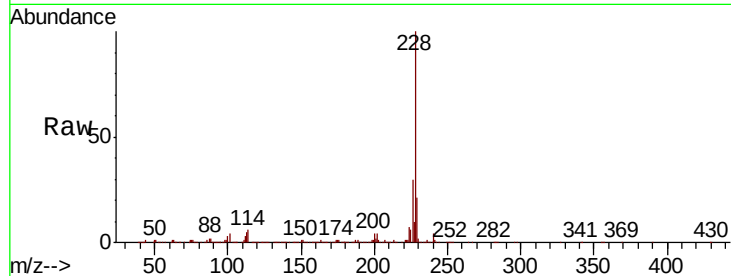
226 29.6 23.5 35.3

229 21.5 16.7 25.1

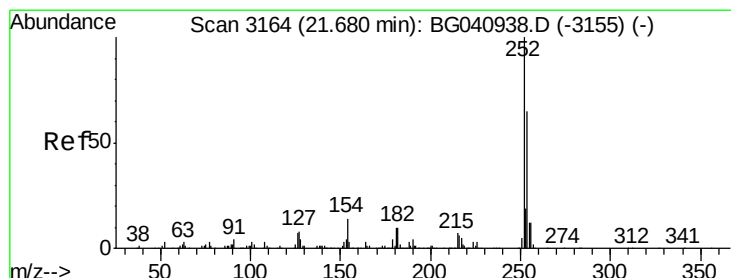
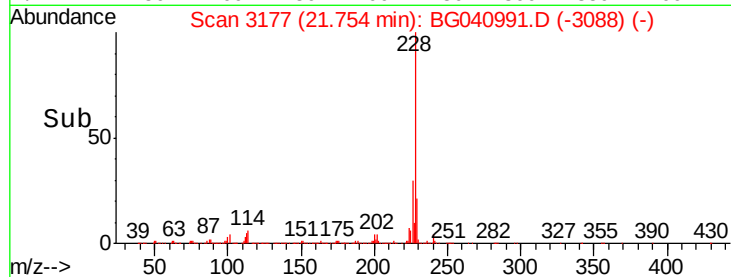
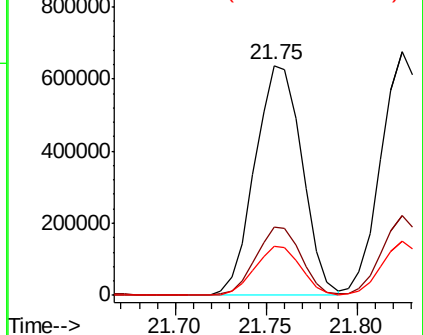
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.010 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

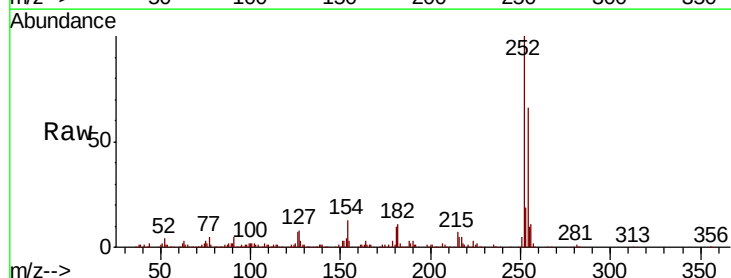
Tgt Ion:252 Resp: 304783

Ion Ratio Lower Upper

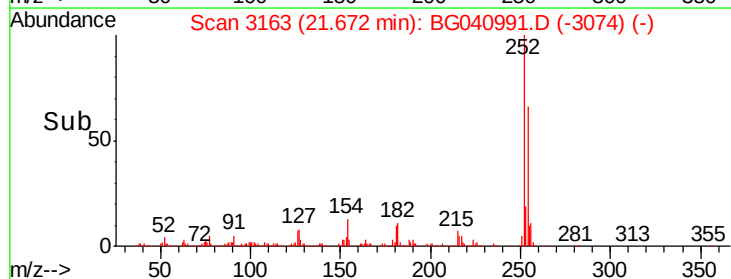
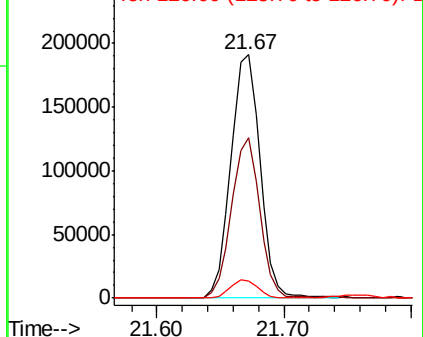
252 100

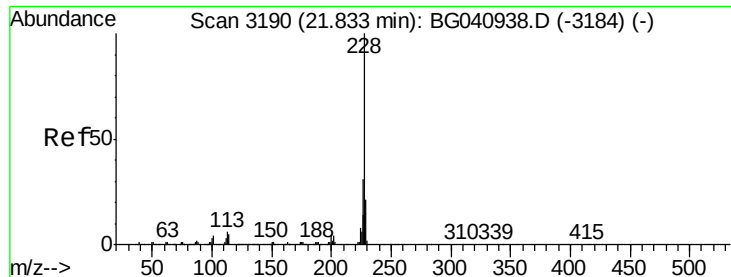
254 66.1 52.1 78.1

126 6.9 5.5 8.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.607 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

Tot Ion:228 Resp: 1135209

Ion Ratio Lower Upper

228 100

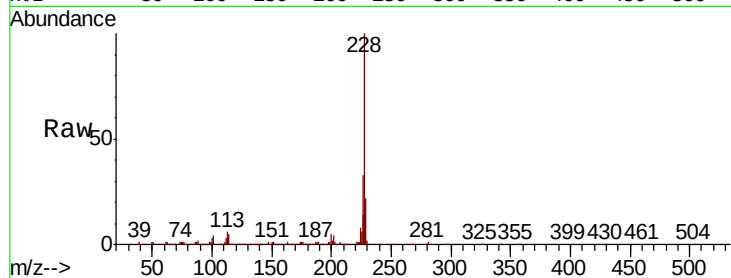
226 32.7 24.6 37.0

229 22.5 16.6 24.8

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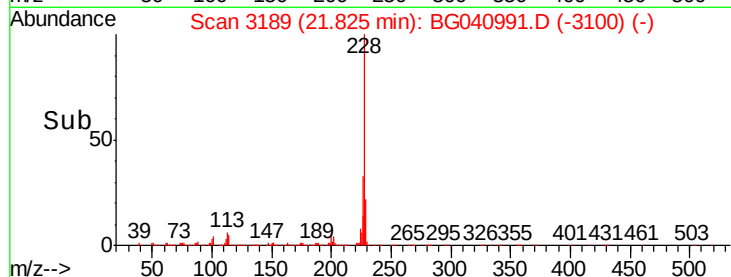


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.82



Abundance

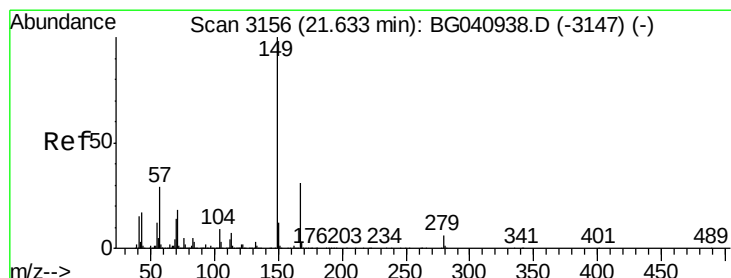
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.82

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.417 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

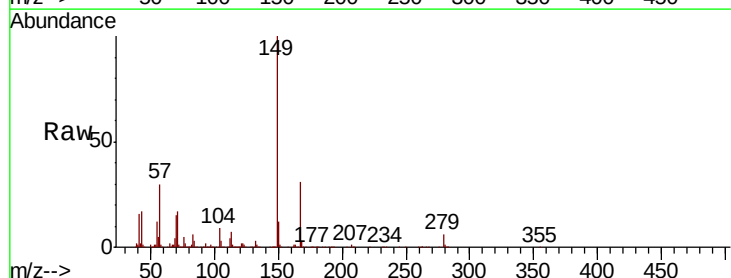
Tgt Ion:149 Resp: 613423

Ion Ratio Lower Upper

149 100

167 30.8 24.6 37.0

279 6.4 5.0 7.6

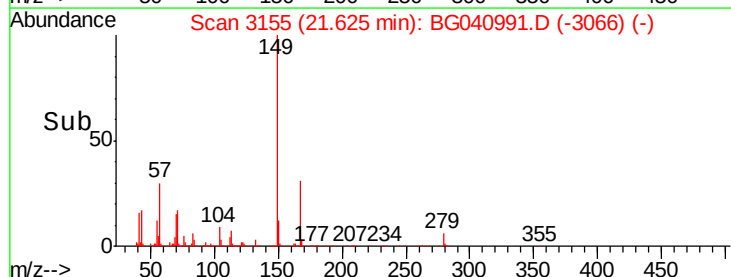


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.63



Abundance

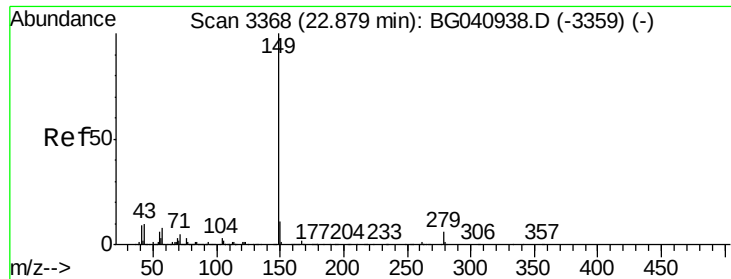
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.63

Time-->



#85

Di-n-octyl phthalate

Concen: 34.646 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB119943BSD

Tot Ion:149 Resp: 1028441

Ion Ratio Lower Upper

149 100

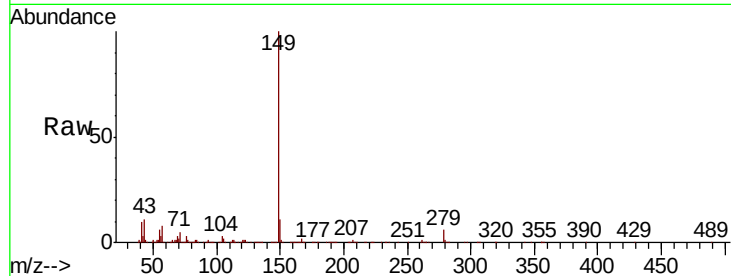
167 1.8 1.4 2.0

43 10.2 8.1 12.1

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

800000

600000

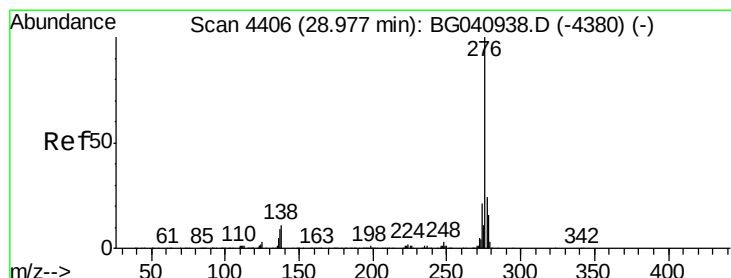
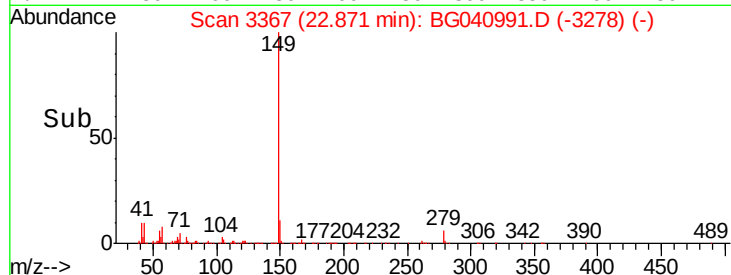
400000

200000

0

22.87

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.706 ng

RT: 28.95 min Scan# 4402

Delta R.T. -0.03 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

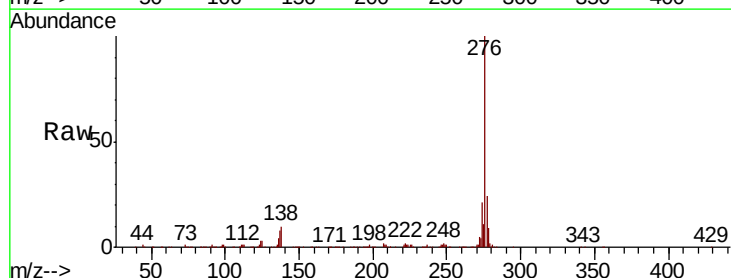
Tgt Ion:276 Resp: 1355440

Ion Ratio Lower Upper

276 100

138 5.9 5.7 8.5

277 25.9 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

300000

250000

200000

150000

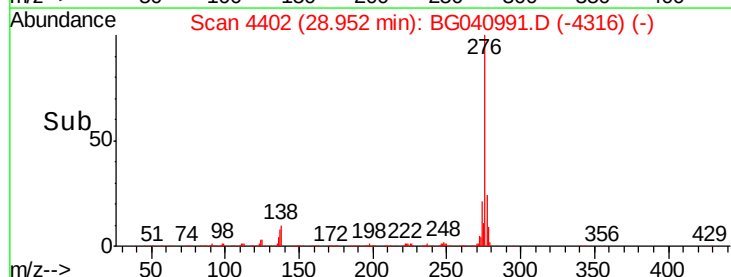
100000

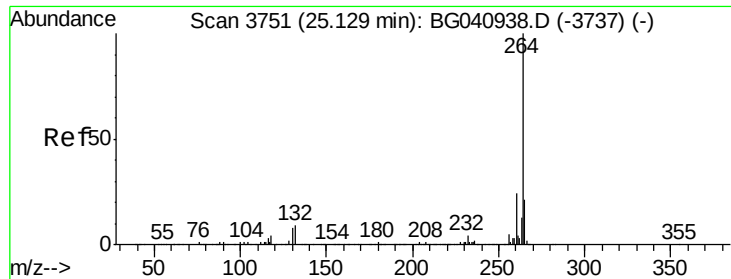
50000

0

28.95

Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3749

Delta R.T. -0.01 min

Lab File: BG040991.D

Acq: 1 Jun 2019 00:57

Instrument :

BNA_G

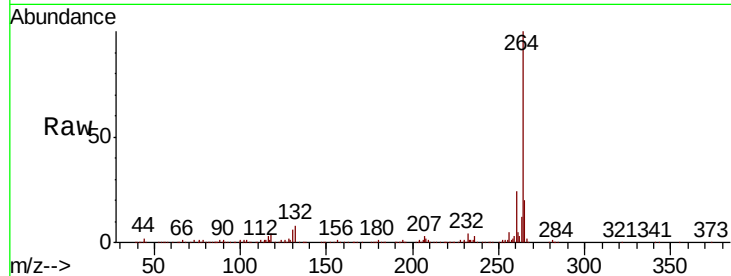
ClientSampleId :

PB119943BSD

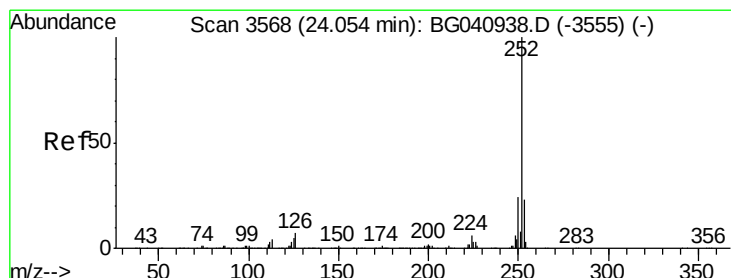
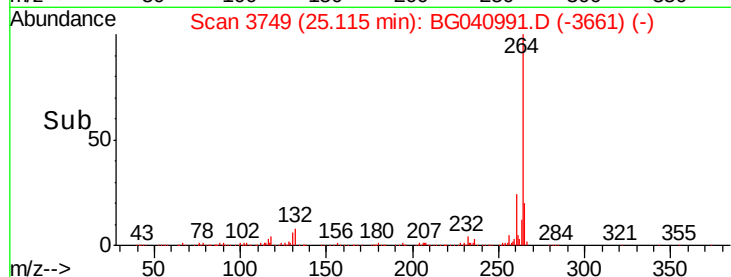
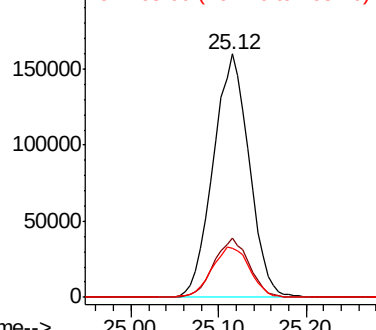
Tot Ion:	264	Resp:	446765
Ion Ratio		Lower	Upper
264	100		
260	24.2	19.0	28.4
265	20.4	17.0	25.4

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



#88

Benzo(b)fluoranthene

Concen: 43.410 ng

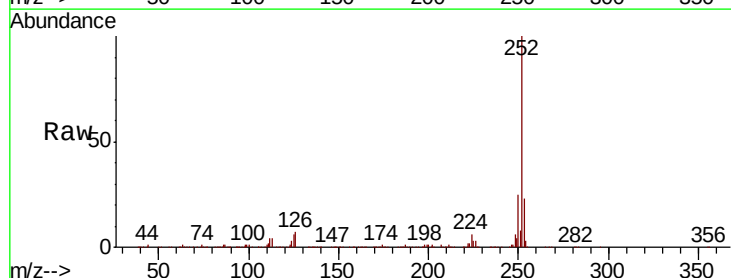
RT: 24.05 min Scan# 3567

Delta R.T. -0.01 min

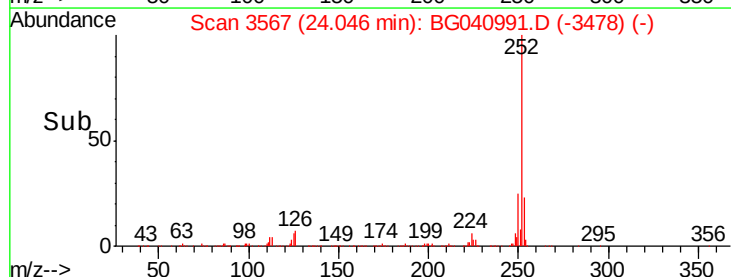
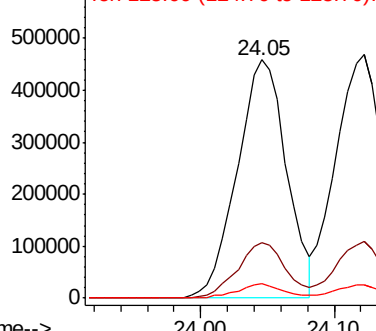
Lab File: BG040991.D

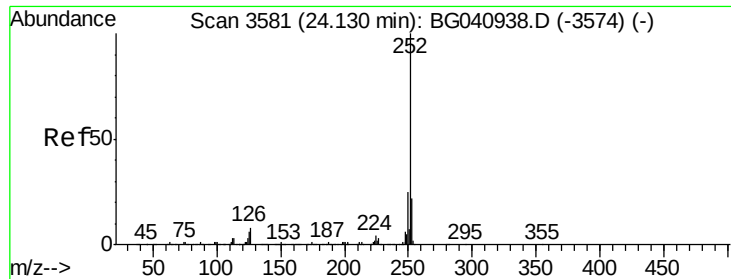
Acq: 1 Jun 2019 00:57

Tgt Ion:	252	Resp:	1176330
Ion Ratio		Lower	Upper
252	100		
253	23.5	18.4	27.6
125	5.9	4.3	6.5



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





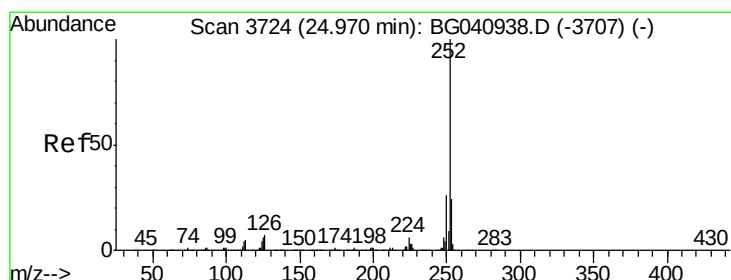
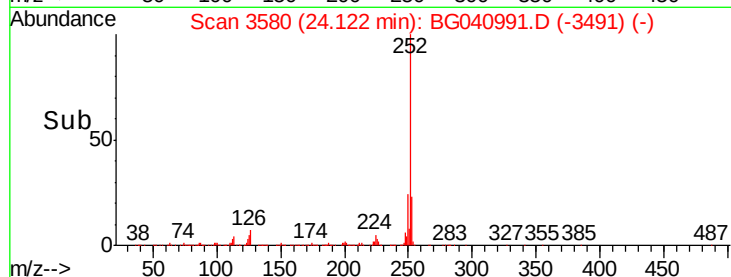
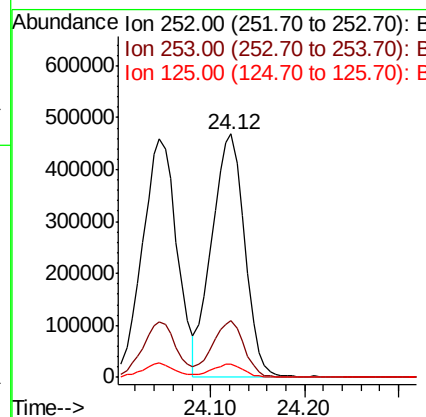
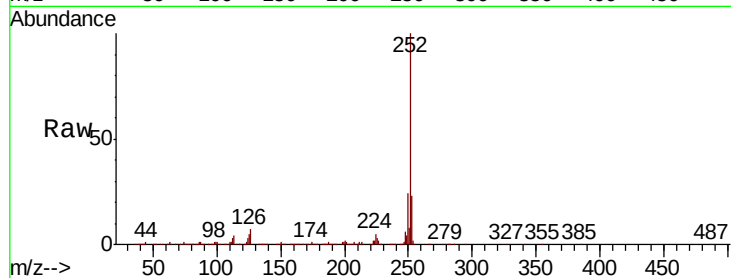
#89
Benzo(k)fluoranthene
Concen: 42.741 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	5.5	4.7	7.1

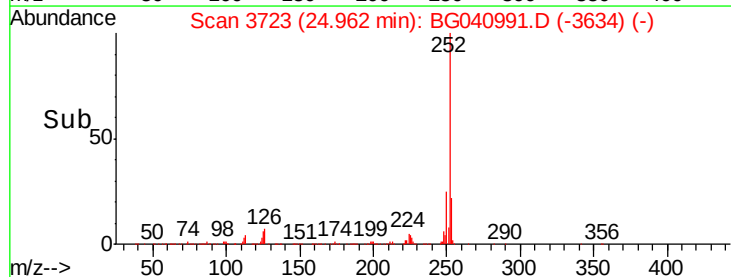
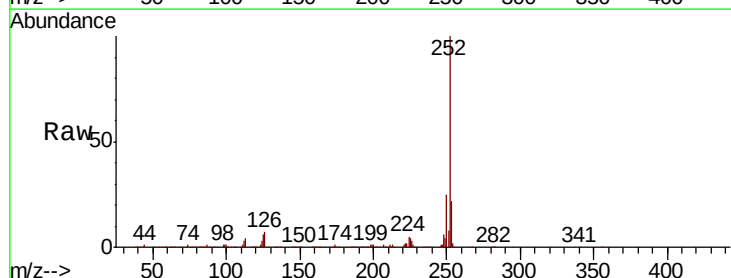
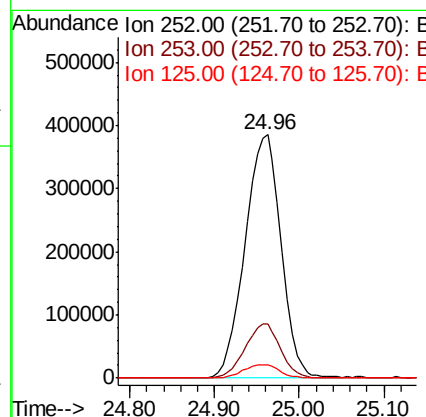
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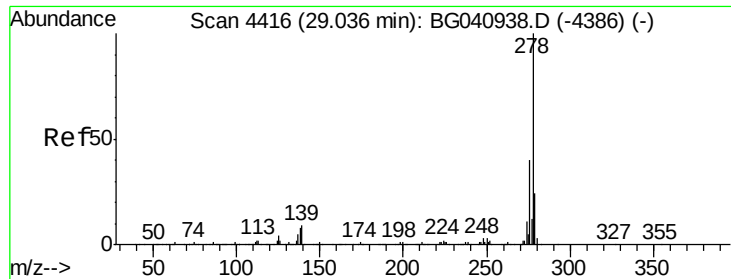
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#90
Benzo(a)pyrene
Concen: 44.189 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.5	29.3
125	5.6	5.1	7.7





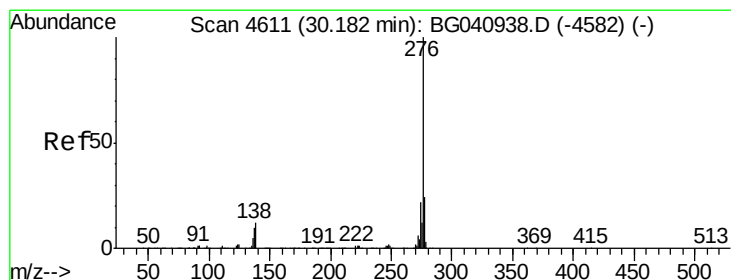
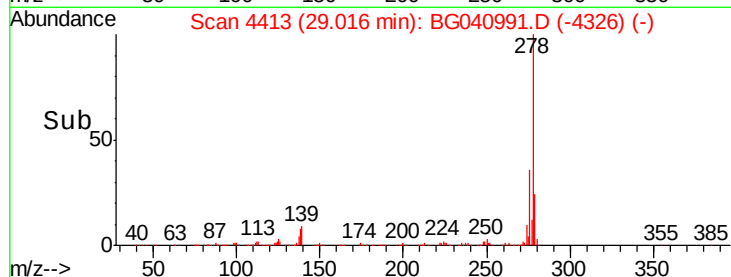
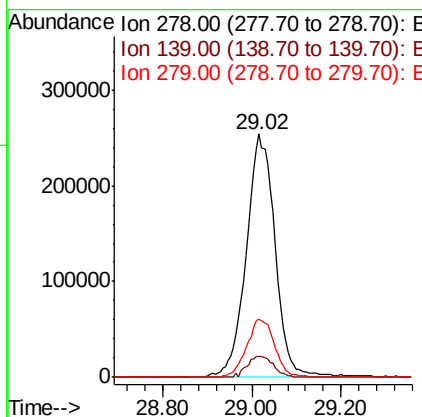
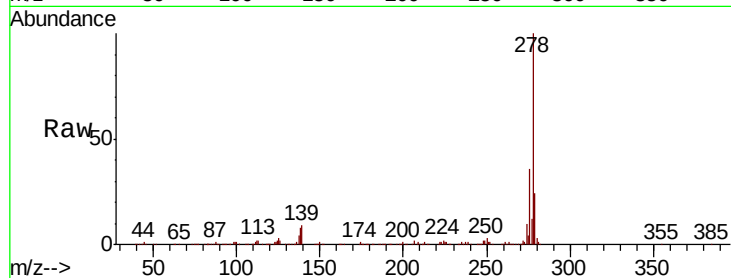
#91
Dibenzo(a,h)anthracene
Concen: 43.432 ng
RT: 29.02 min Scan# 4413
Delta R.T. -0.02 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.6	7.1	10.7
279	23.7	19.4	29.2

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#92
Benzo(g,h,i)perylene
Concen: 44.814 ng
RT: 30.17 min Scan# 4609
Delta R.T. -0.01 min
Lab File: BG040991.D
Acq: 1 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.4	29.0
138	10.9	9.7	14.5

