

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043819.D
 Acq On : 17 Dec 2019 14:30
 Operator : JU
 Sample : PB125483BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125483BS

Manual Integrations
 APPROVED

mohammad
 12/18/2019 2:40:40 PM

Quant Time: Dec 17 15:20:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	107200	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	492043	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	377712	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	883325	20.00	ng	0.00
76) Chrysene-d12	21.63	240	744272	20.00	ng	0.00
87) Perylene-d12	24.79	264	838563	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	802096	141.77	ng	0.00
7) Phenol-d6	7.17	99	1109020	135.92	ng	0.01
23) Nitrobenzene-d5	9.16	82	687104	78.41	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	474327	131.72	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1637422	76.15	ng	0.00
79) Terphenyl-d14	19.98	244	2460330	79.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	103792	39.615	ng	99
3) Pyridine	3.88	79	262790	36.297	ng	98
4) n-Nitrosodimethylamine	3.79	42	141666	40.810	ng	98
6) Aniline	7.32	93	371834	34.440	ng	97
8) 2-Chlorophenol	7.57	128	331064	50.211	ng	96
9) Benzaldehyde	7.13	77	222512	55.245	ng	94
10) Phenol	7.20	94	427589	50.758	ng	100
11) bis(2-Chloroethyl)ether	7.42	93	306789	42.919	ng	97
12) 1,3-Dichlorobenzene	7.89	146	331562	41.963	ng	98
13) 1,4-Dichlorobenzene	8.04	146	330100	41.796	ng	98
14) 1,2-Dichlorobenzene	8.36	146	314926	41.385	ng	99
15) Benzyl Alcohol	8.24	79	304293	46.861	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	457252	39.913	ng	97
17) 2-Methylphenol	8.45	107	303287	50.435	ng	99
18) Hexachloroethane	9.09	117	119504	41.640	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	258866	41.498	ng	99
20) 3+4-Methylphenols	8.77	107	422508	50.459	ng	98
22) Acetophenone	8.82	105	462285	37.673	ng	99
24) Nitrobenzene	9.20	77	368767	41.312	ng	98
25) Isophorone	9.73	82	713878	40.789	ng	98
26) 2-Nitrophenol	9.91	139	180648	51.105	ng	99
27) 2,4-Dimethylphenol	9.98	122	344290	55.668	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	442493	39.498	ng	99
29) 2,4-Dichlorophenol	10.45	162	363775	47.897	ng	100
30) 1,2,4-Trichlorobenzene	10.67	180	347447	38.646	ng	96
31) Naphthalene	10.86	128	986179	41.770	ng	99
32) Benzoic acid	10.11	122	190761	44.980	ng	93
33) 4-Chloroaniline	10.96	127	268125	23.423	ng	98
34) Hexachlorobutadiene	11.15	225	198994	36.529	ng	96
35) Caprolactam	11.73	113	146629m	49.193	ng	
36) 4-Chloro-3-methylphenol	12.08	107	401537	49.109	ng	99
37) 2-Methylnaphthalene	12.46	142	784688	42.880	ng	98
38) 1-Methylnaphthalene	12.68	142	752510	43.245	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	402377	35.452	ng	99

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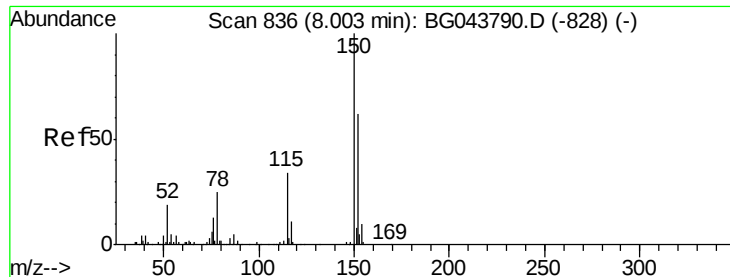
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Quant Time: Dec 17 15:20:23 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	519823	97.577	nq	100
43) 2,4,6-Trichlorophenol	13.06	196	324183	44.938	nq	99
44) 2,4,5-Trichlorophenol	13.14	196	342308	45.292	nq	94
46) 1,1'-Biphenyl	13.47	154	1011274	38.836	nq	100
47) 2-Chloronaphthalene	13.51	162	818433	38.446	nq	99
48) 2-Nitroaniline	13.70	65	271617	43.263	nq	95
49) Acenaphthylene	14.35	152	1327513	41.862	nq	98
50) Dimethylphthalate	14.08	163	1090338	40.444	nq	100
51) 2,6-Dinitrotoluene	14.19	165	257632	44.345	nq	100
52) Acenaphthene	14.69	154	927925	44.480	nq	97
53) 3-Nitroaniline	14.52	138	188594	28.367	nq	94
54) 2,4-Dinitrophenol	14.73	184	250075	96.750	nq	90
55) Dibenzofuran	15.03	168	1299945	42.096	nq	100
56) 4-Nitrophenol	14.84	139	487406	100.489	nq	99
57) 2,4-Dinitrotoluene	14.98	165	369314	47.045	nq	95
58) Fluorene	15.68	166	1056782	42.457	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	318037m	46.900	nq	
60) Diethylphthalate	15.45	149	1112836	41.325	nq	100
61) 4-Chlorophenyl-phenylether	15.67	204	570579	40.932	nq	99
62) 4-Nitroaniline	15.69	138	272074	39.496	nq	99
63) Azobenzene	15.96	77	1036387	41.893	nq	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	183087	52.590	nq	98
66) n-Nitrosodiphenylamine	15.88	169	1001745	40.803	nq	99
67) 4-Bromophenyl-phenylether	16.56	248	364100	38.554	nq	97
68) Hexachlorobenzene	16.69	284	376653	37.604	nq	98
69) Atrazine	16.83	200	393661	50.297	nq	99
70) Pentachlorophenol	17.03	266	451519	84.744	nq	98
71) Phenanthrene	17.41	178	1688036	40.367	nq	99
72) Anthracene	17.50	178	1755262	42.403	nq	99
73) Carbazole	17.77	167	1584233	40.942	nq	99
74) Di-n-butylphthalate	18.34	149	1833188	41.326	nq	100
75) Fluoranthene	19.42	202	1946690	40.675	nq	99
77) Benzidine	19.59	184	905068	55.740	nq	98
78) Pyrene	19.78	202	1959848	40.294	nq	99
80) Butylbenzylphthalate	20.68	149	874319	43.161	nq	98
81) Benzo(a)anthracene	21.61	228	1900726	40.463	nq	99
82) 3,3'-Dichlorobenzidine	21.53	252	565827	32.607	nq	100
83) Chrysene	21.67	228	1797040	40.154	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	1202674	41.391	nq	98
85) Di-n-octyl phthalate	22.74	149	2074940	43.682	nq	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	2002424	34.958	nq	# 95
88) Benzo(b)fluoranthene	23.80	252	1894321	39.235	nq	99
89) Benzo(k)fluoranthene	23.86	252	1920808	41.184	nq	99
90) Benzo(a)pyrene	24.65	252	1799715	39.114	nq	99
91) Dibenzo(a,h)anthracene	28.44	278	1632819	35.528	nq	98
92) Benzo(g,h,i)perylene	29.49	276	1588276	35.021	nq	99

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



#1

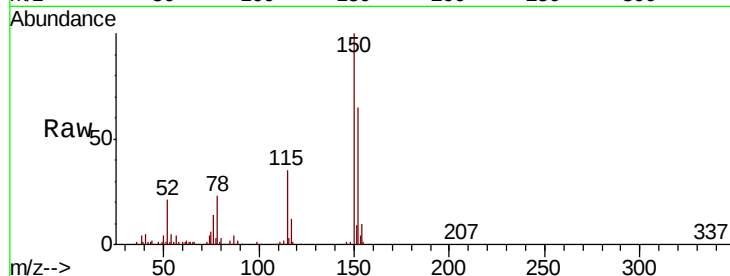
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB125483BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	128.6	192.8
115	54.0	44.3	66.5

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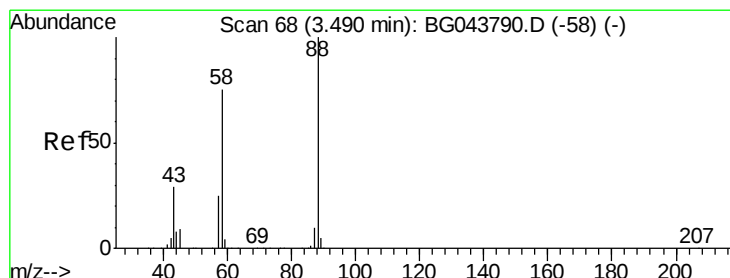
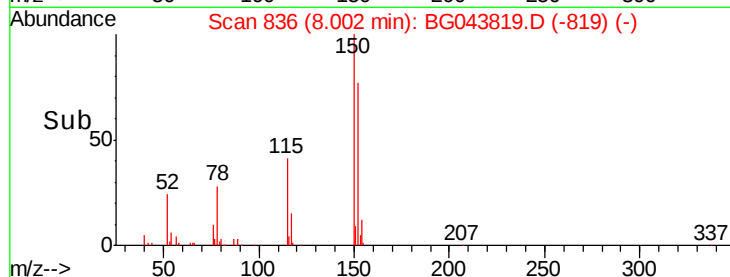
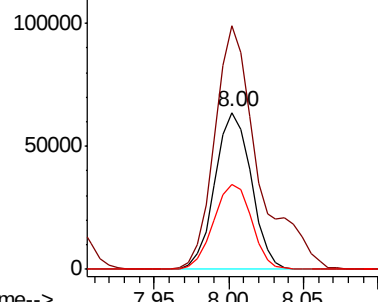


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

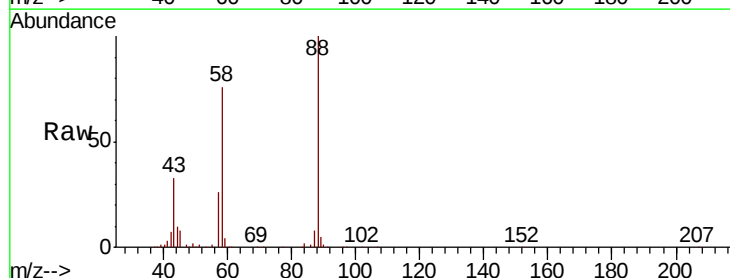
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.615 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.3	62.2	93.4
43	31.9	24.3	36.5

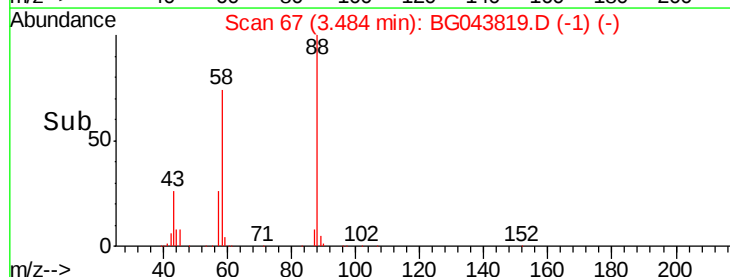
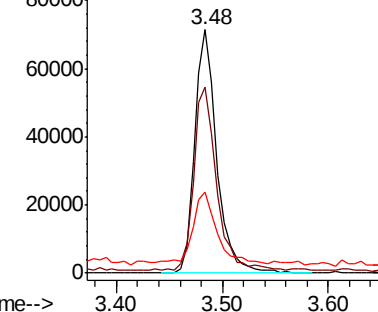


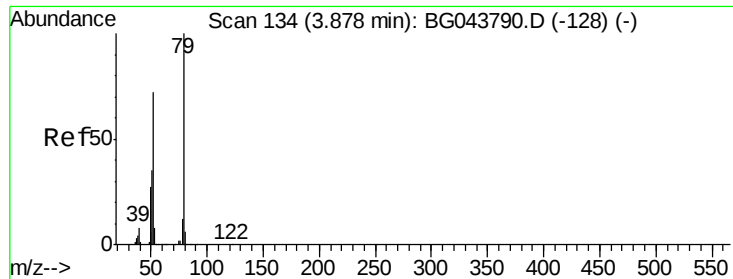
Abundance

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: 36.297 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

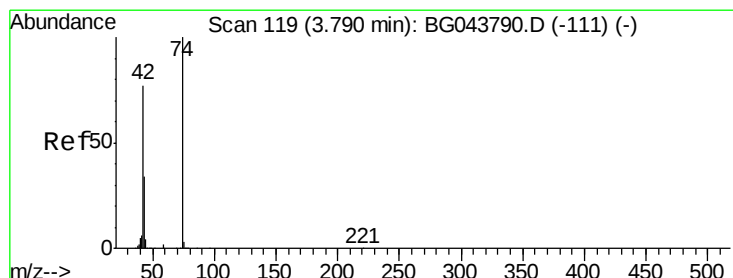
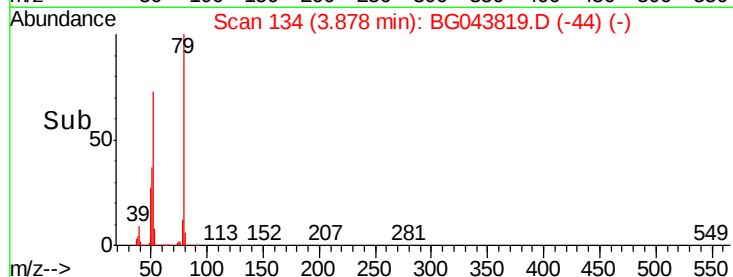
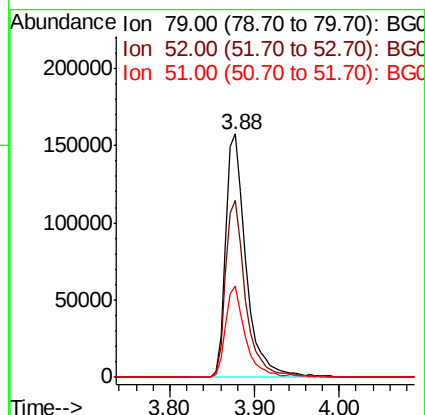
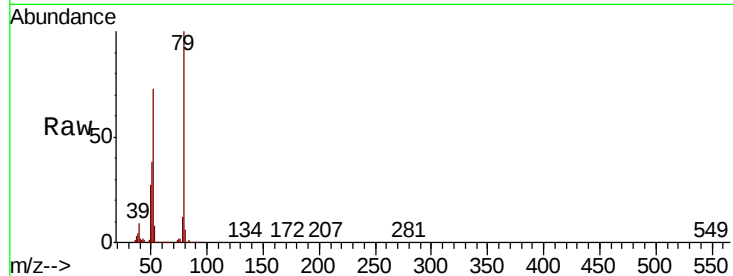
ClientSampleId :

PB125483BS

Tot Ion:	79	Resp:	262790
Ion	Ratio	Lower	Upper
79	100		
52	72.9	57.6	86.4
51	37.6	27.8	41.8

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#4

n-Nitrosodimethylamine

Concen: 40.810 ng

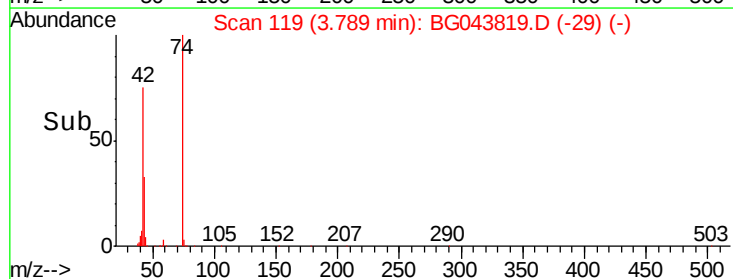
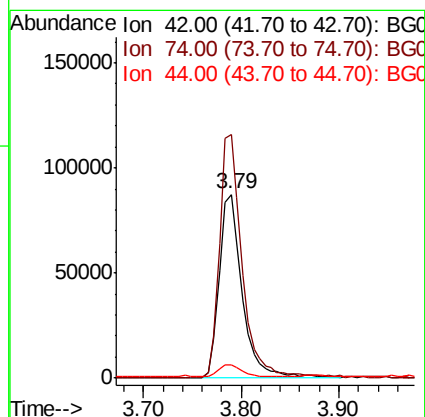
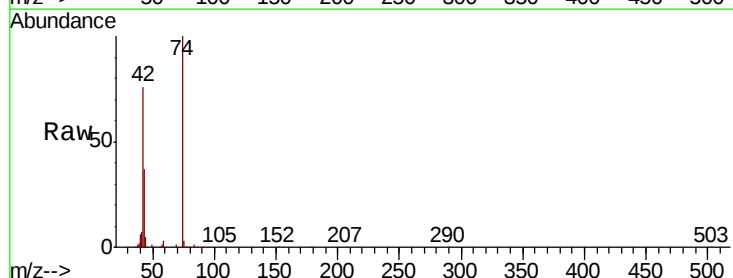
RT: 3.79 min Scan# 119

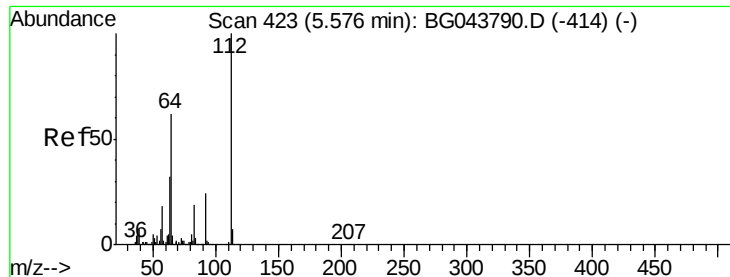
Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Tgt Ion:	42	Resp:	141666
Ion	Ratio	Lower	Upper
42	100		
74	132.3	104.2	156.4
44	7.2	5.6	8.4





#5

2-Fluorophenol

Concen: 141.768 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

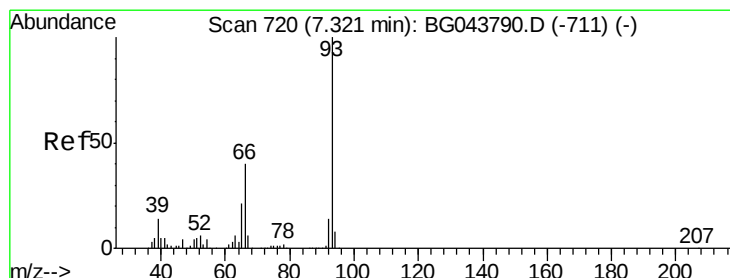
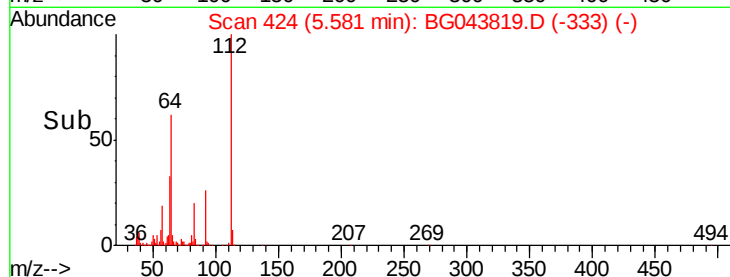
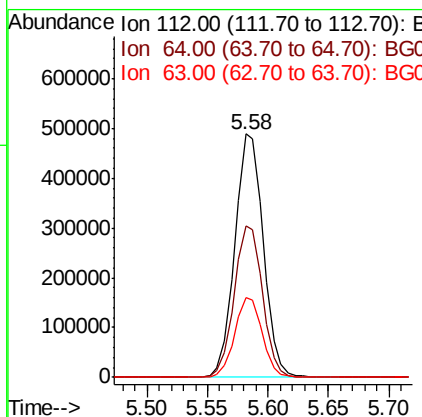
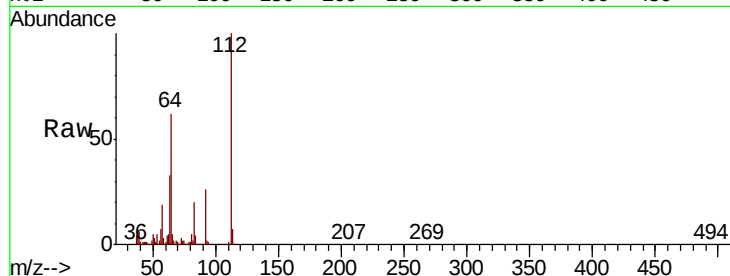
ClientSampleId :

PB125483BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	802096		
64	62.0		49.9	74.9
63	32.9		26.0	39.0

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#6

Aniline

Concen: 34.440 ng

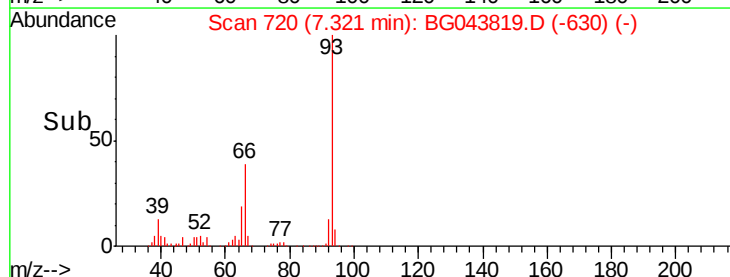
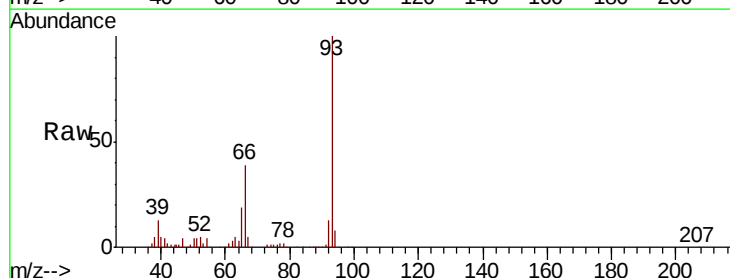
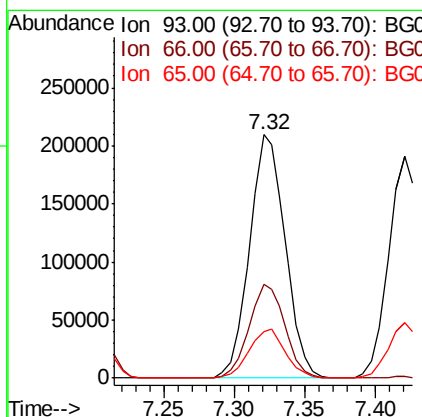
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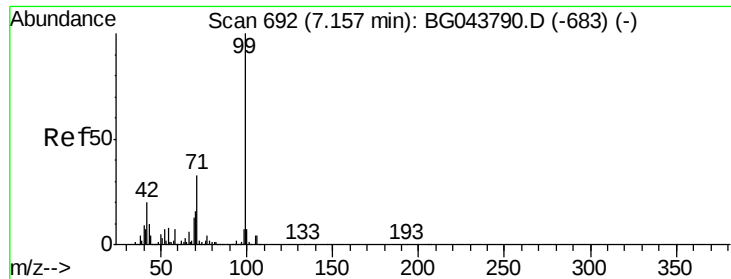
Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	371834		
66	38.6		31.9	47.9
65	19.1		16.8	25.2





#7

Phenol-d6

Concen: 135.916 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampleId :

PB125483BS

Tot Ion: 99 Resp: 1109020

Ion Ratio Lower Upper

99 100

42 19.8 16.2 24.2

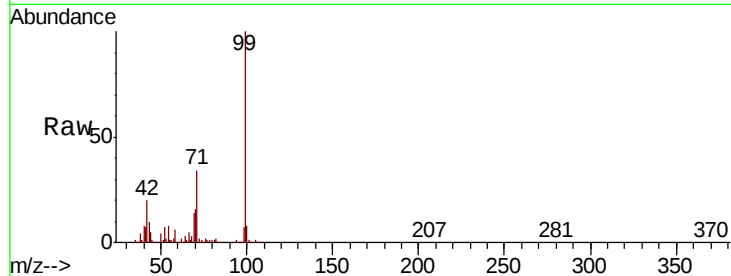
71 33.6 26.6 40.0

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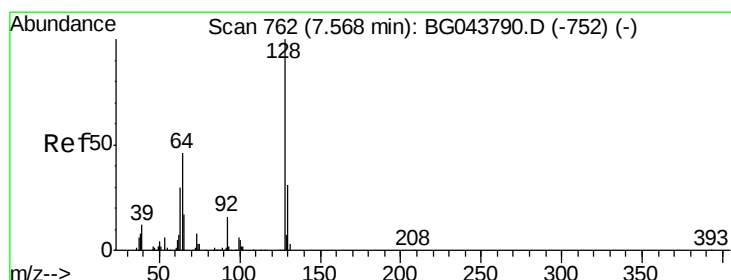
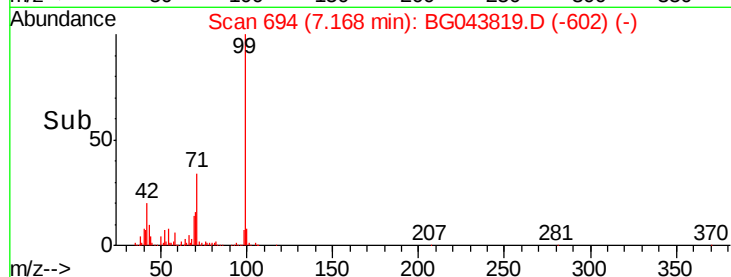
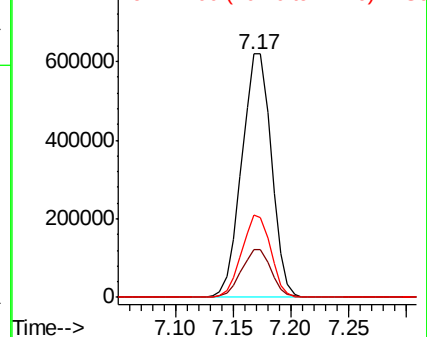


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 50.211 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

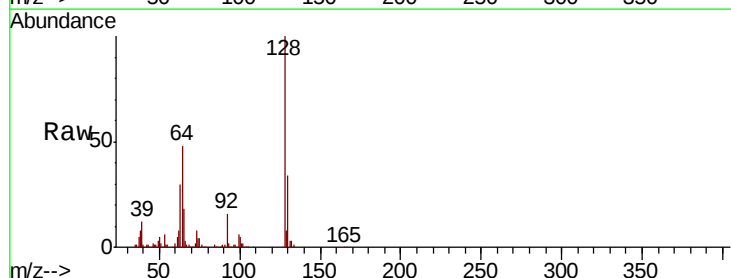
Tgt Ion:128 Resp: 331064

Ion Ratio Lower Upper

128 100

130 33.8 11.1 51.1

64 48.4 26.5 66.5

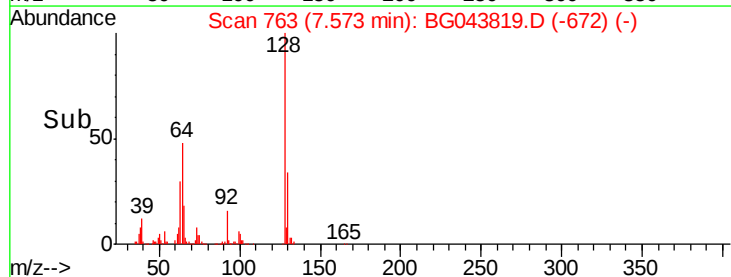
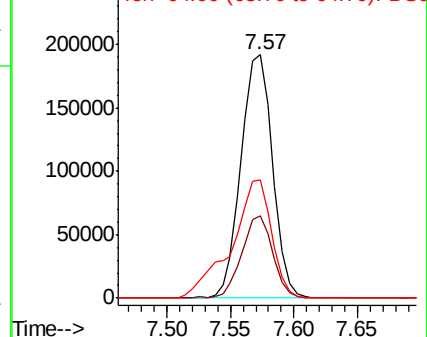


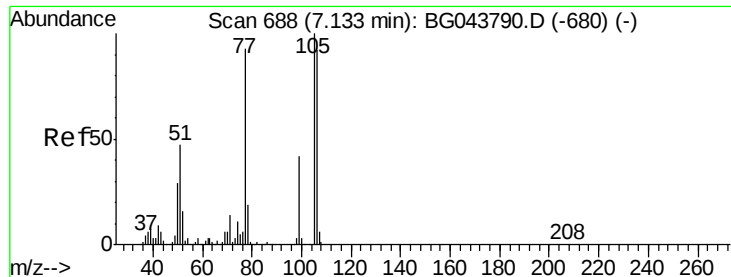
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 55.245 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

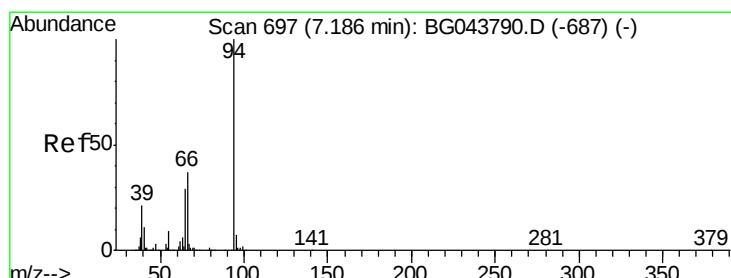
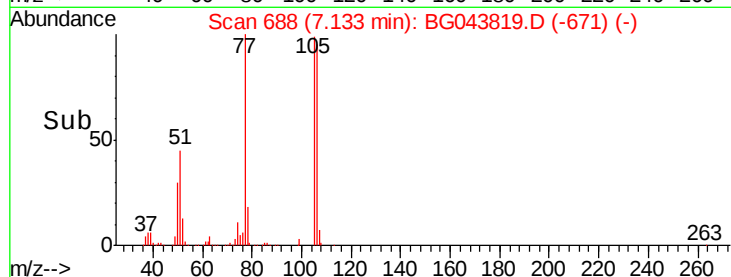
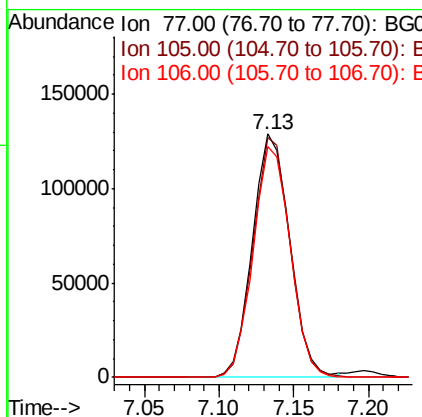
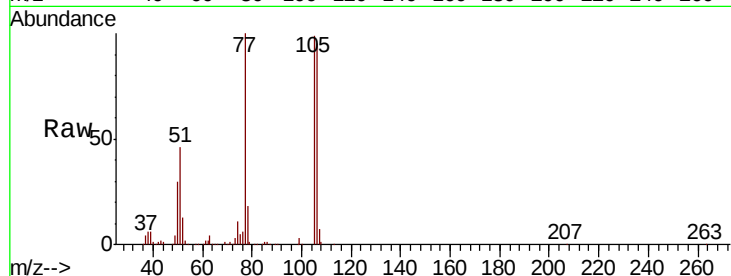
ClientSampleId :

PB125483BS

Tot Ion:	77	Resp:	222512
Ion Ratio	Lower	Upper	
77	100		
105	98.6	87.1	127.1
106	94.8	78.2	118.2

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#10

Phenol

Concen: 50.758 ng

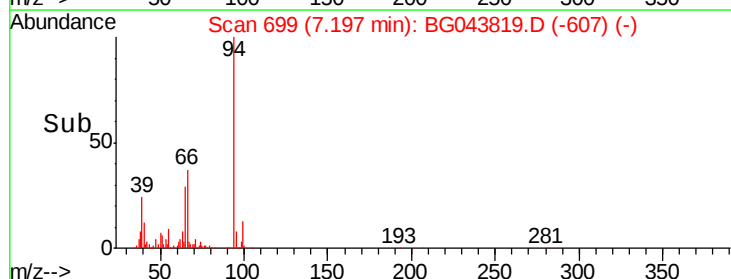
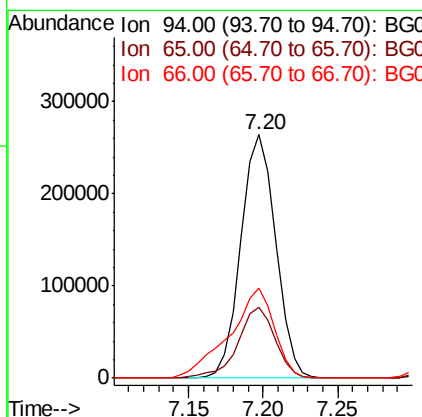
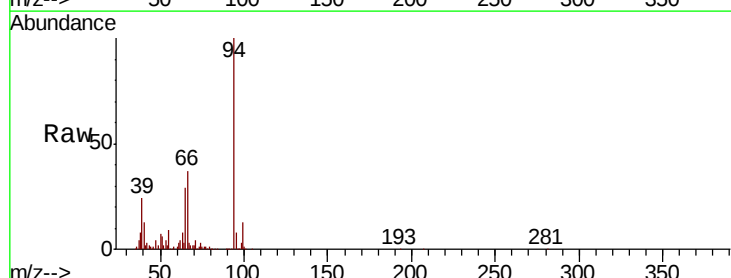
RT: 7.20 min Scan# 699

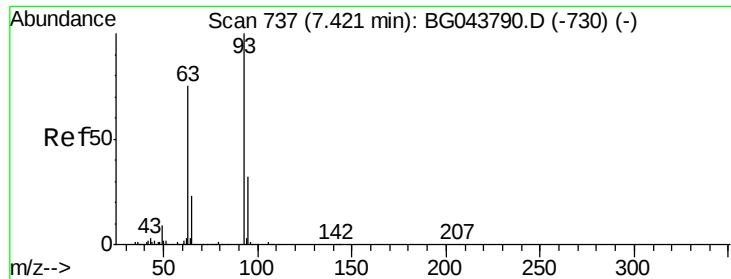
Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Tgt Ion:	94	Resp:	427589
Ion Ratio	Lower	Upper	
94	100		
65	29.1	9.5	49.5
66	37.0	16.8	56.8





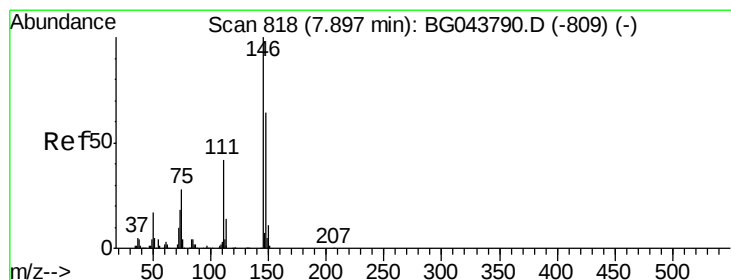
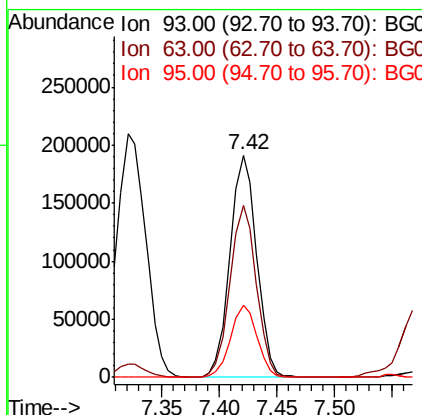
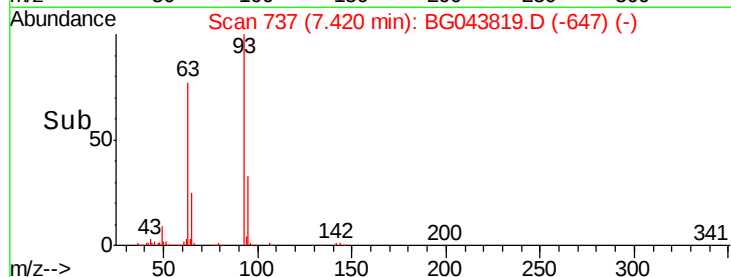
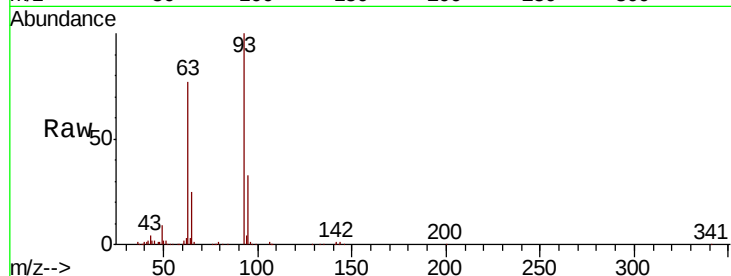
#11
bis(2-Chloroethyl)ether
Concen: 42.919 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB125483BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.2	54.7	94.7
95	32.5	11.3	51.3

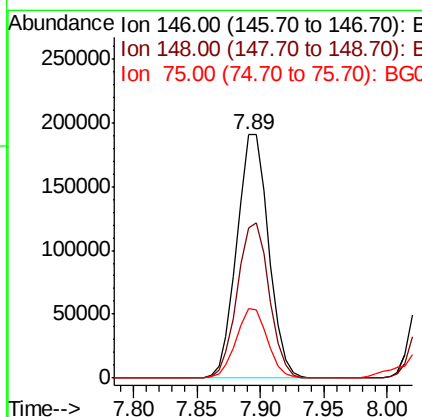
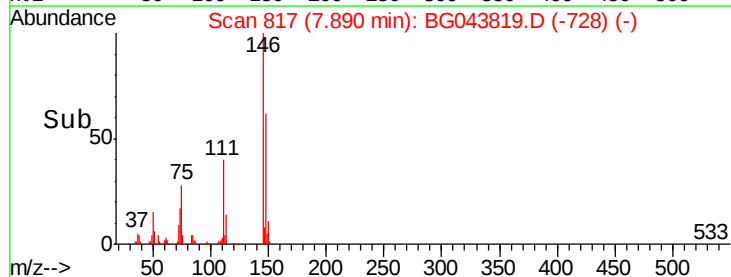
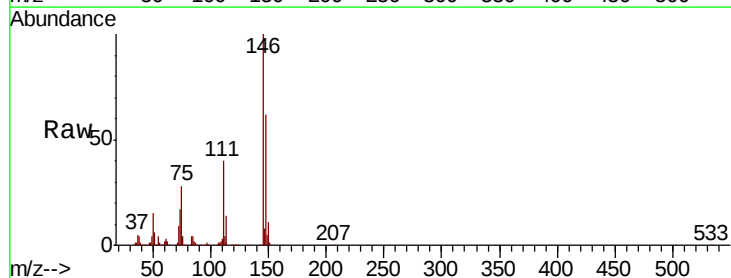
Manual Integrations
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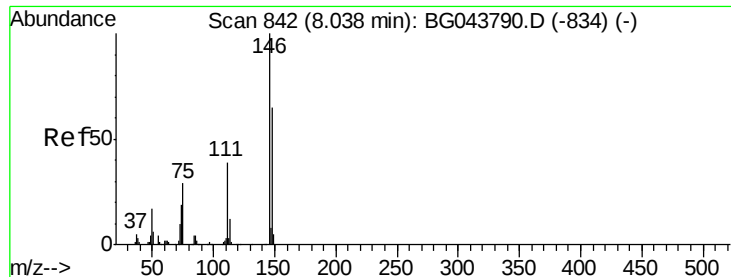
mohammad
12/18/2019 2:40:40 PM



#12
1,3-Dichlorobenzene
Concen: 41.963 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.4	77.2
75	28.4	22.4	33.6





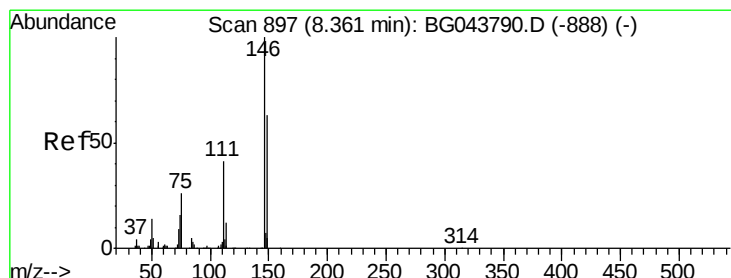
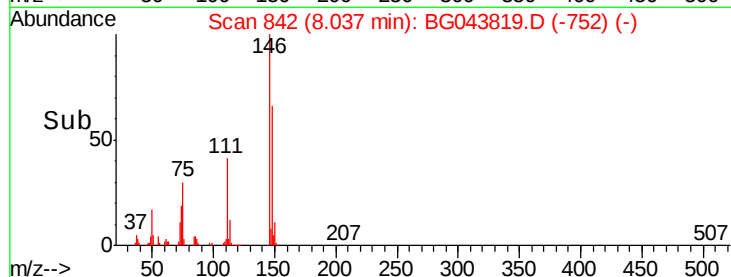
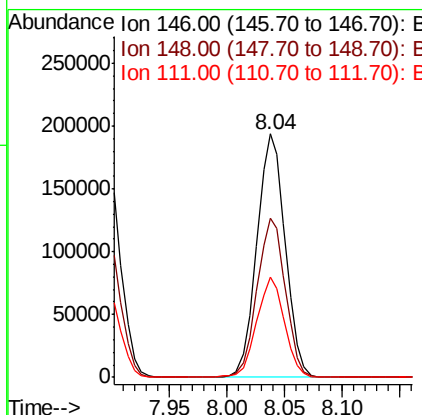
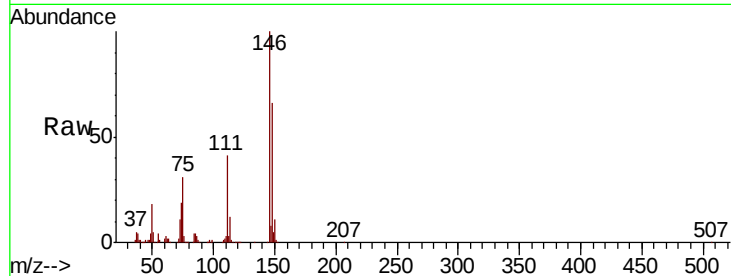
#13
 1,4-Dichlorobenzene
 Concen: 41.796 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Instrument :
 BNA_G
 ClientSampleId :
 PB125483BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.8	77.8
111	41.0	31.4	47.2

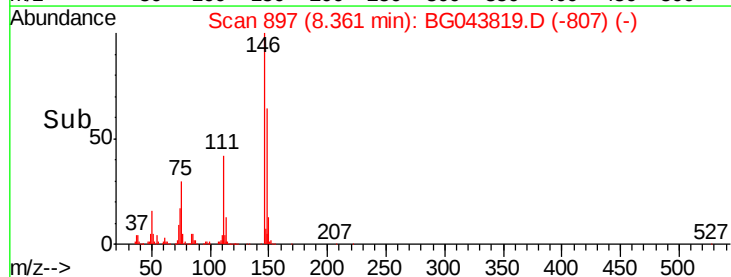
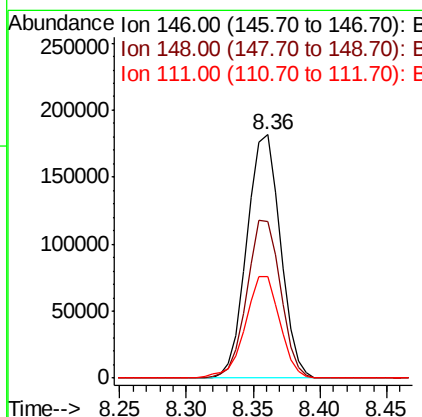
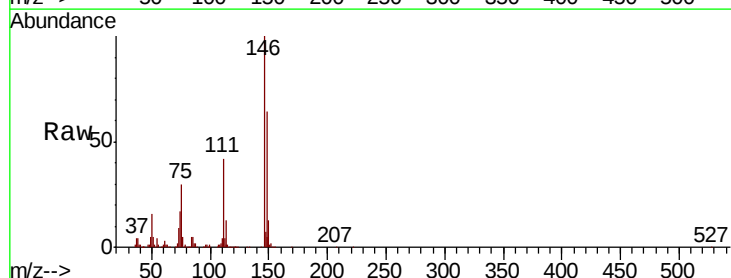
Manual Integrations
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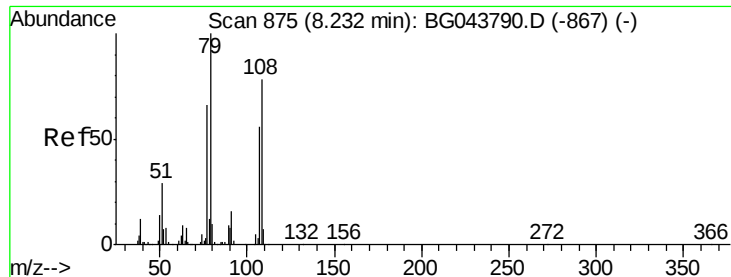
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.385 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.2	75.2
111	41.9	33.4	50.2





#15

Benzyl Alcohol

Concen: 46.861 ng

RT: 8.24 min Scan# 876

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

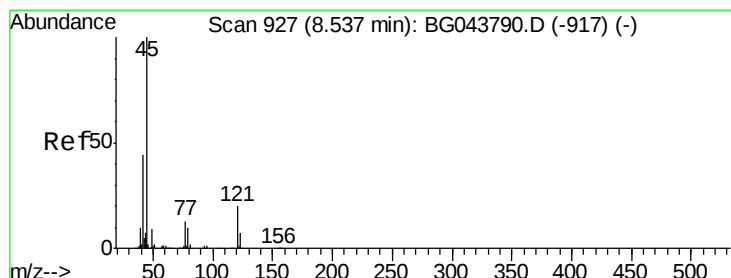
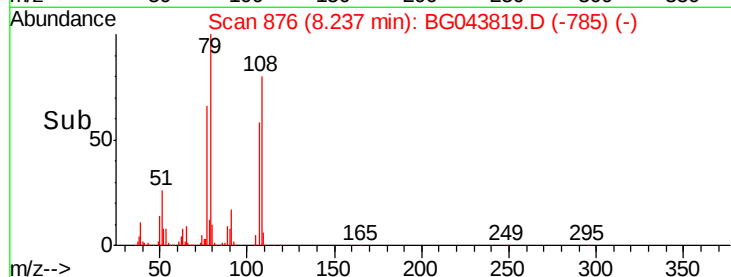
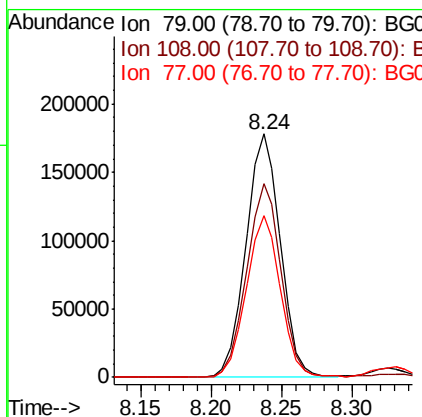
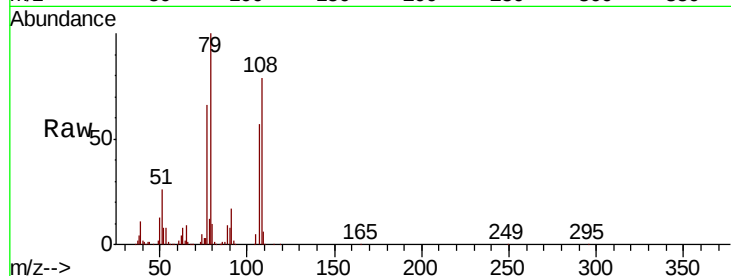
ClientSampleId :

PB125483BS

Tot Ion:	79	Resp:	304293
Ion Ratio	Lower	Upper	
79	100		
108	79.5	62.2	93.2
77	66.2	52.8	79.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.913 ng

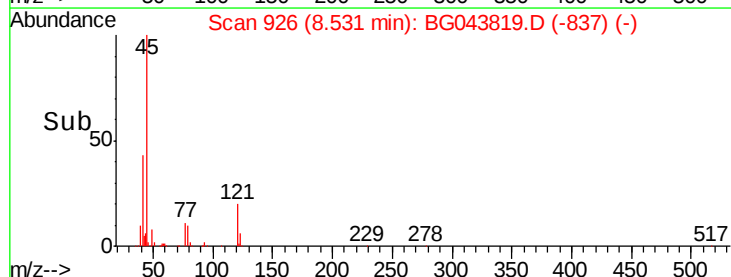
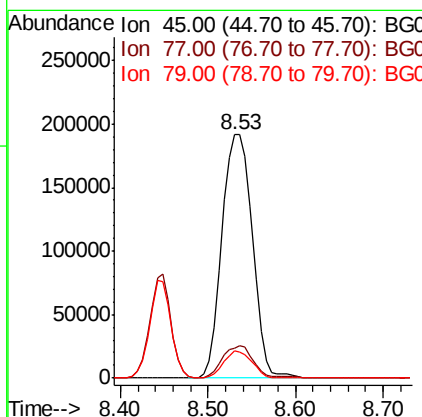
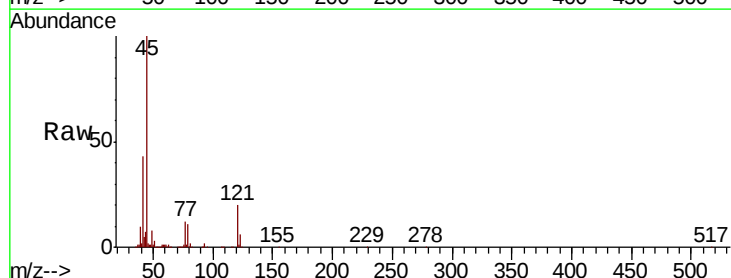
RT: 8.53 min Scan# 926

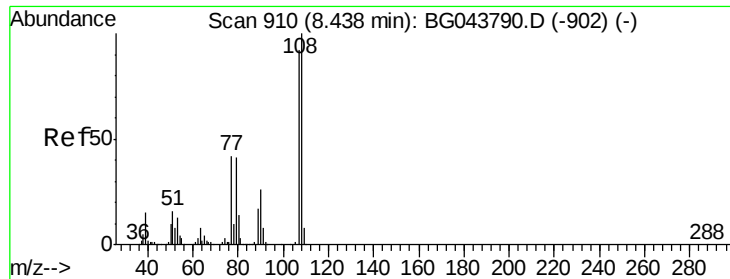
Delta R.T. -0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Tgt Ion:	45	Resp:	457252
Ion Ratio	Lower	Upper	
45	100		
77	12.5	0.0	33.6
79	11.0	0.0	29.9





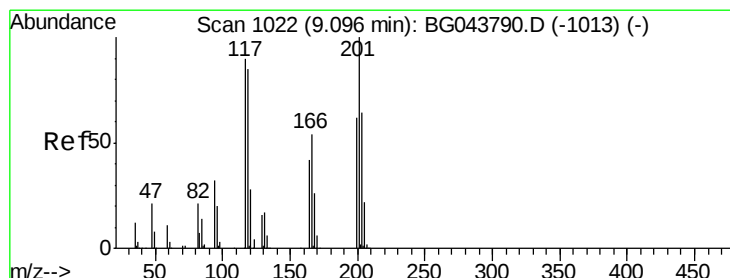
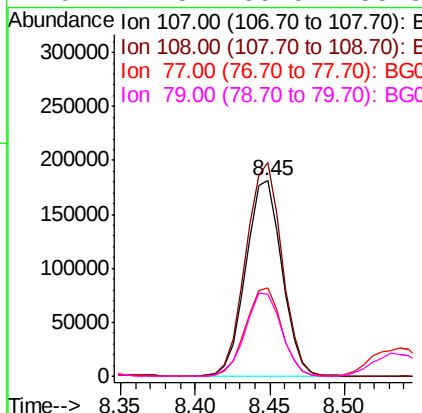
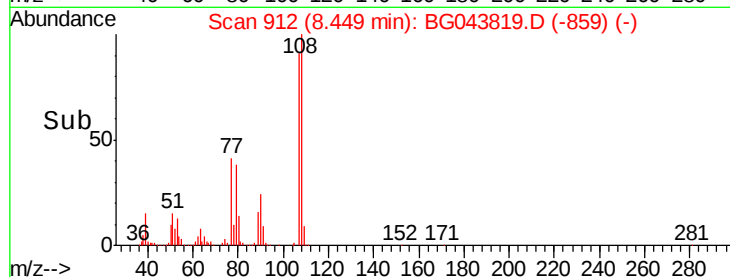
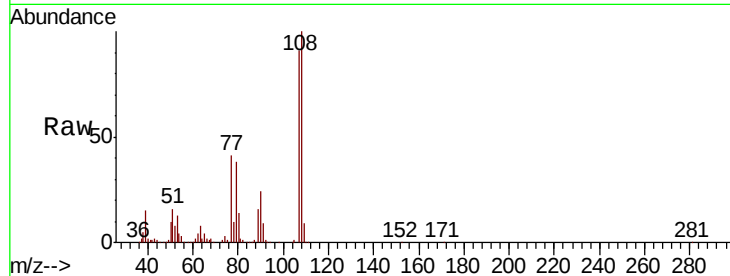
#17
2-Methylphenol
Concen: 50.435 ng
RT: 8.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB125483BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	87.2	130.8	
77	45.2	36.6	54.8	
79	41.8	35.5	53.3	

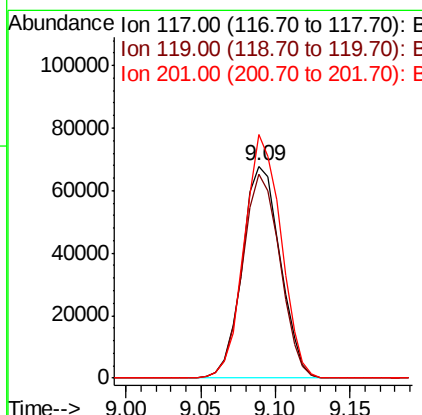
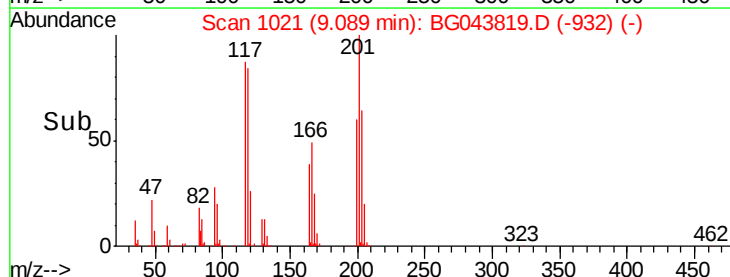
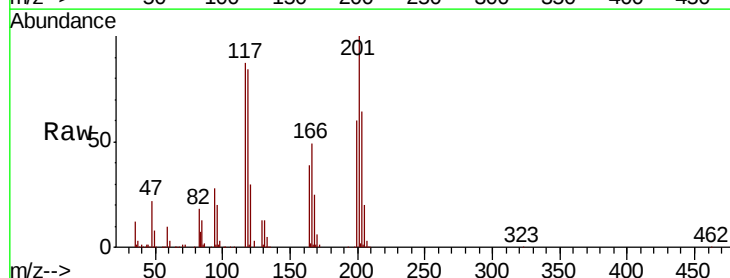
Manual Integrations
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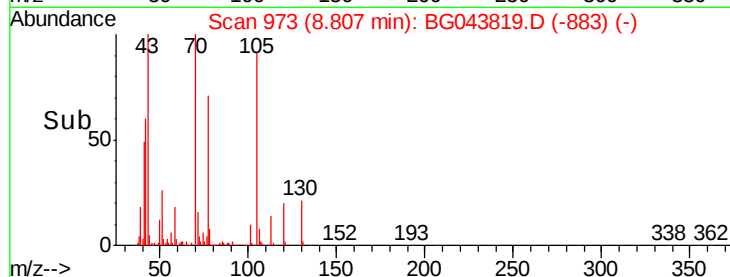
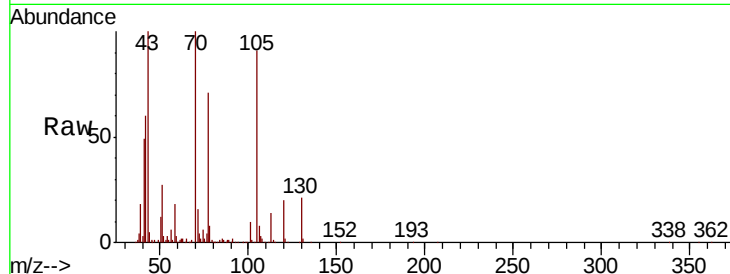
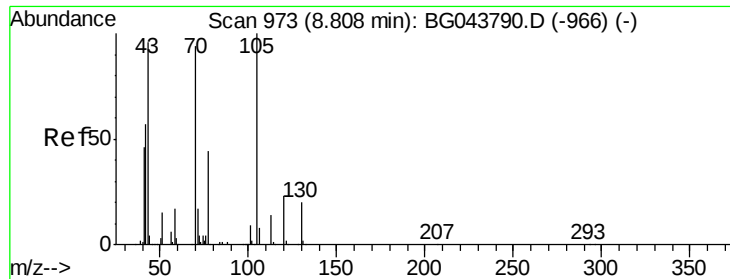
mohammad
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#18
Hexachloroethane
Concen: 41.640 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	75.6	113.4	
201	115.0	88.6	133.0	





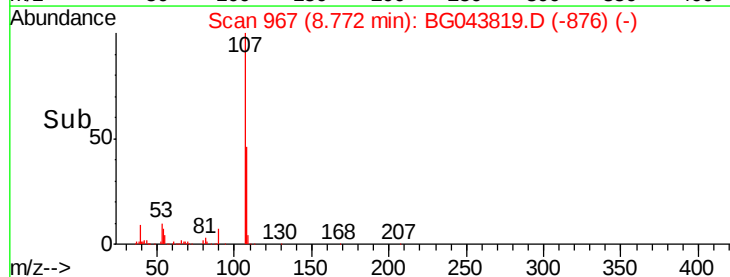
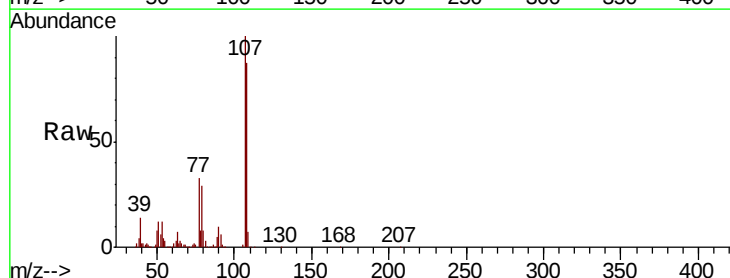
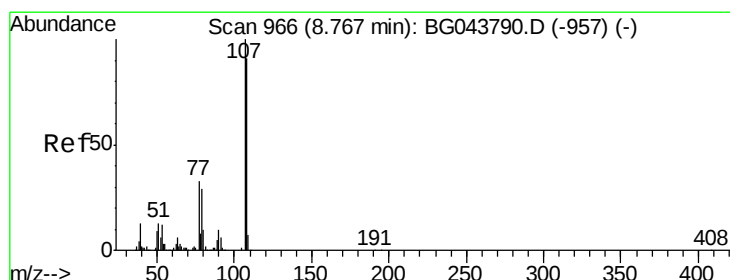
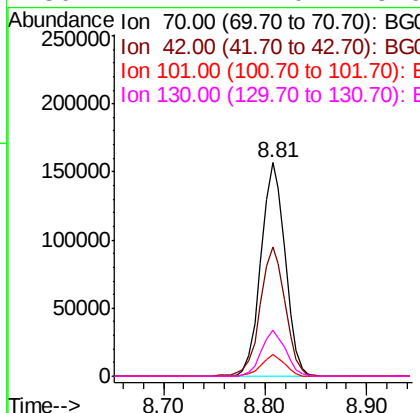
#19
n-Nitroso-di-n-propylamine
Concen: 41.498 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.3	49.2	73.8
101	10.1	7.8	11.6
130	21.4	17.0	25.6

Instrument :
BNA_G
ClientSampleId :
PB125483BS

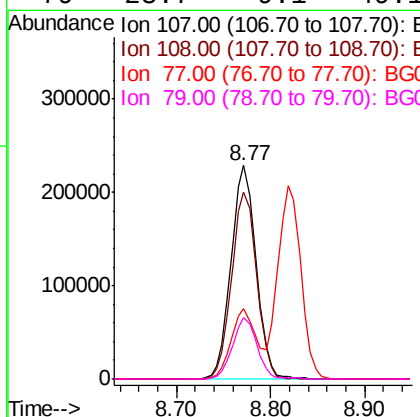
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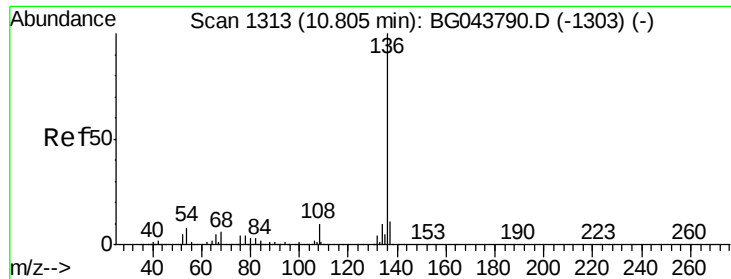
mohammad
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#20
3+4-Methylphenols
Concen: 50.459 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	70.9	110.9
77	32.9	12.7	52.7
79	28.7	9.1	49.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

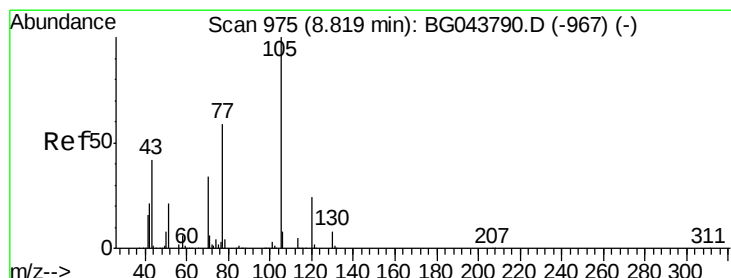
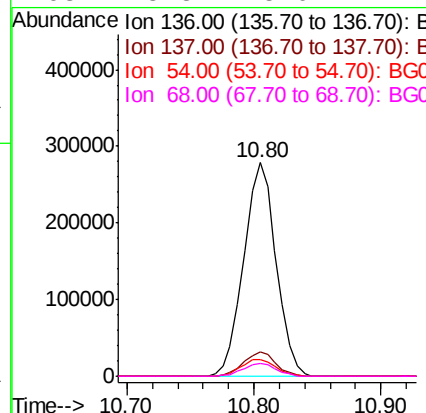
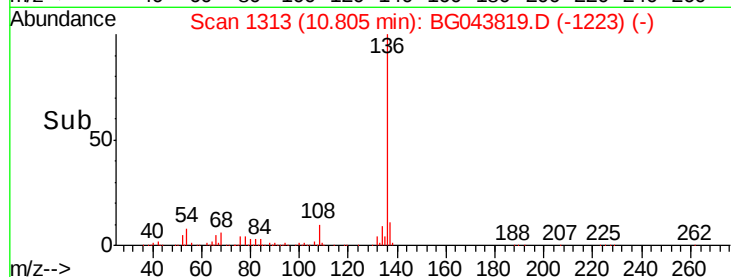
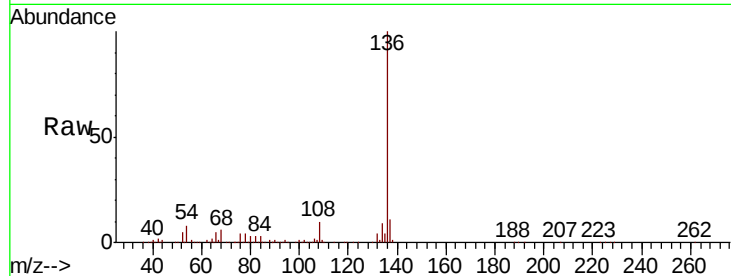
ClientSampleId :

PB125483BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	492043		
137	11.2	8.7	13.1	
54	8.1	6.8	10.2	
68	5.8	5.0	7.4	

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#22

Acetophenone

Concen: 37.673 ng

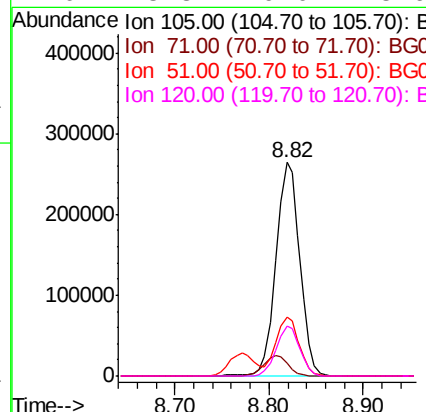
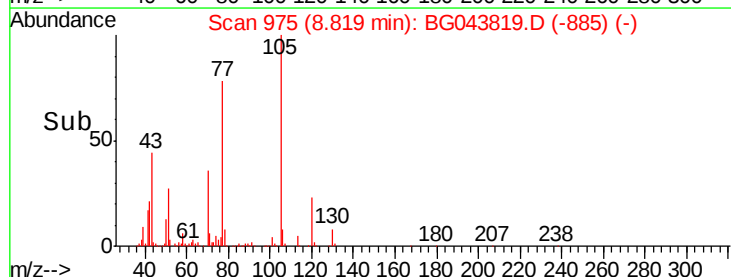
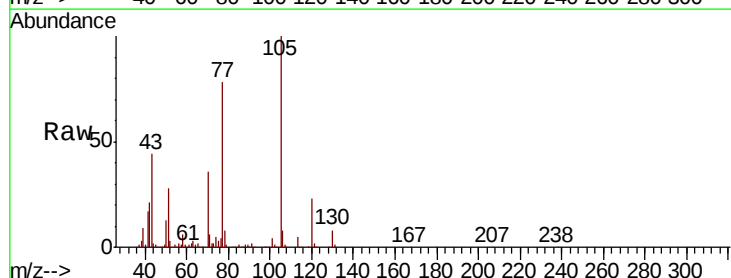
RT: 8.82 min Scan# 975

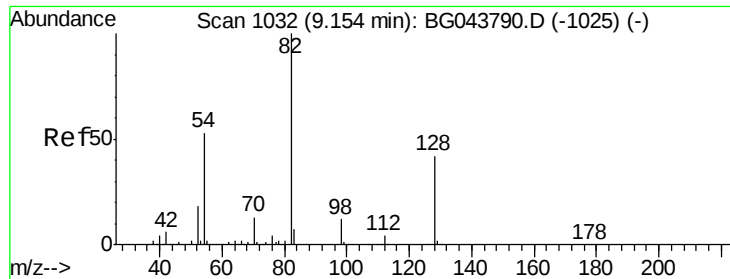
Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	462285		
71	5.9	4.9	7.3	
51	27.6	22.2	33.4	
120	23.3	19.0	28.6	





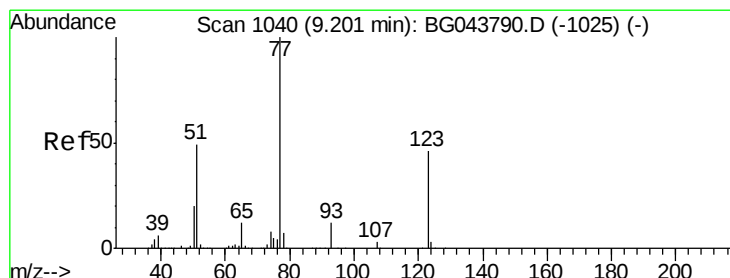
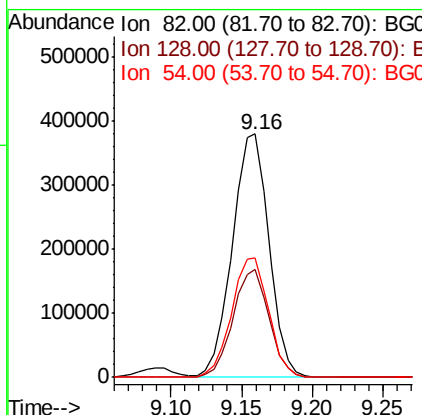
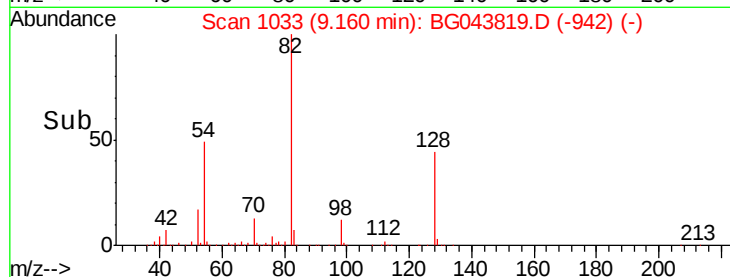
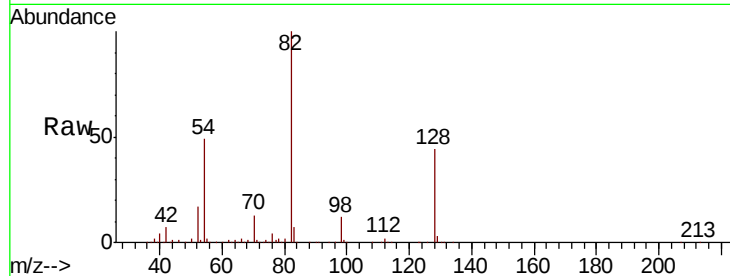
#23
Nitrobenzene-d5
Concen: 78.406 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB125483BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	687104		
128	44.3	33.6	50.4	
54	49.2	42.1	63.1	

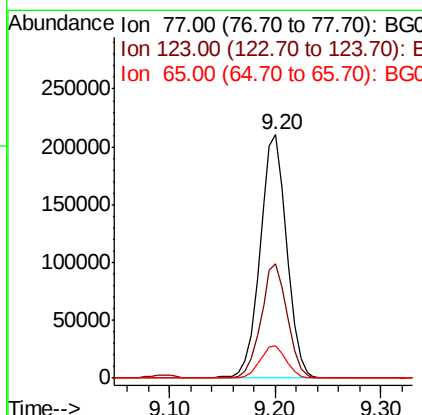
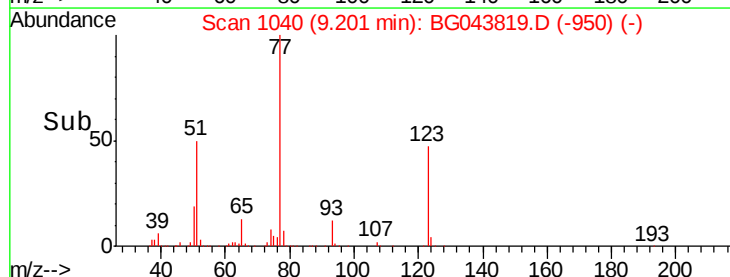
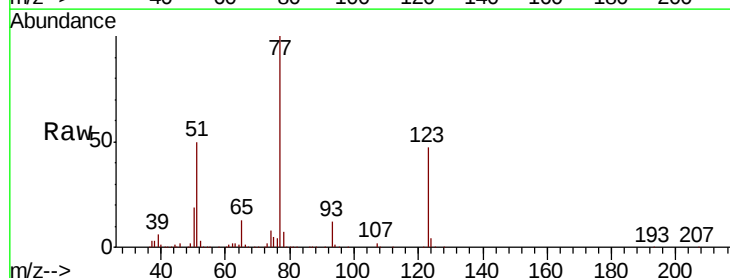
Manual Integrations
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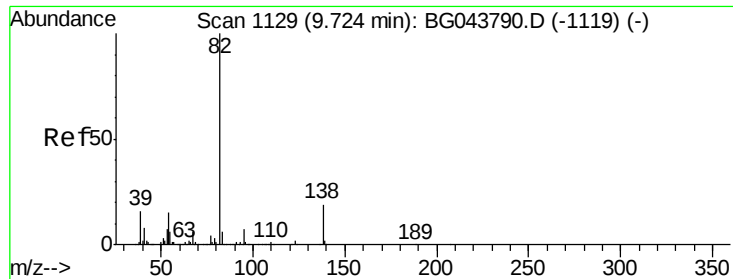
mohammad
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#24
Nitrobenzene
Concen: 41.312 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	368767		
123	46.9	36.6	55.0	
65	13.4	9.8	14.6	





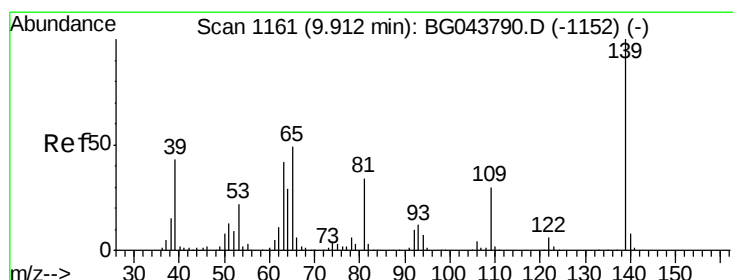
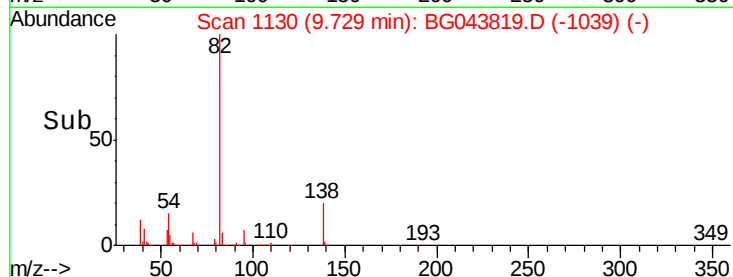
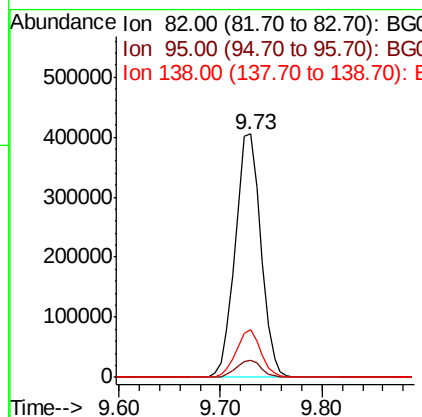
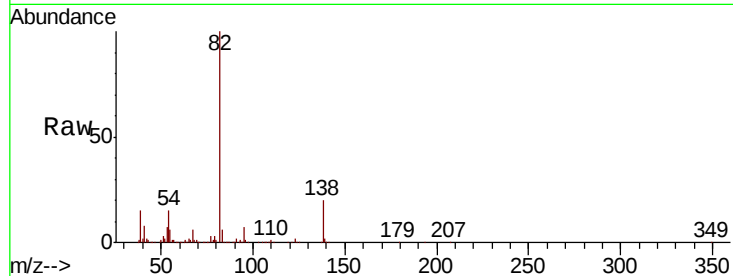
#25
Isophorone
Concen: 40.789 ng
RT: 9.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB125483BS

Tot Ion	82	Resp	713878
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.6	8.4
138	19.5	14.8	22.2

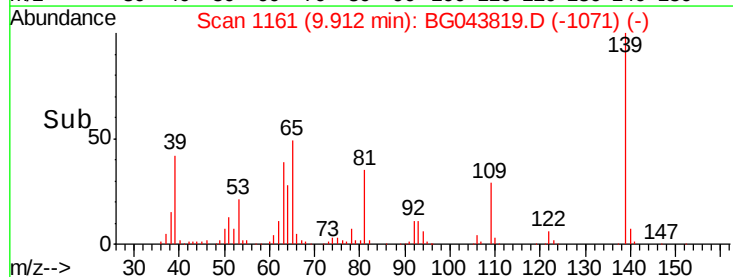
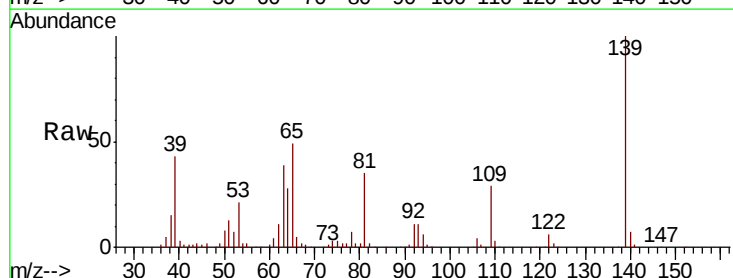
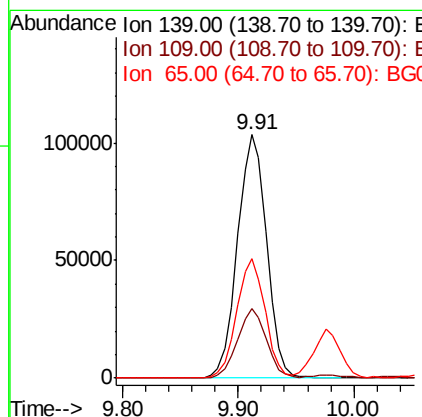
Manual Integrations
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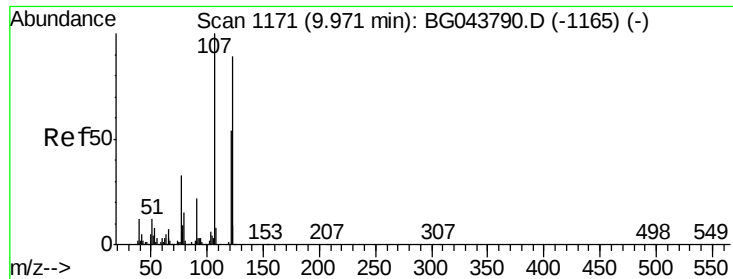
mohammad
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#26
2-Nitrophenol
Concen: 51.105 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion	139	Resp	180648
Ion Ratio	Lower	Upper	
139	100		
109	28.8	23.9	35.9
65	49.1	39.3	58.9





#27

2,4-Dimethylphenol

Concen: 55.668 ng

RT: 9.98 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

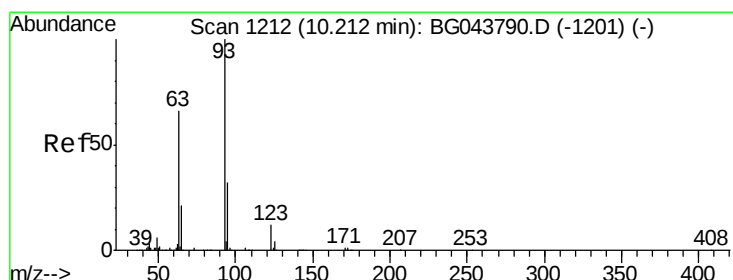
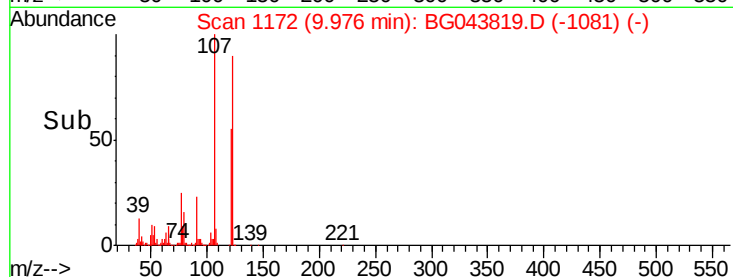
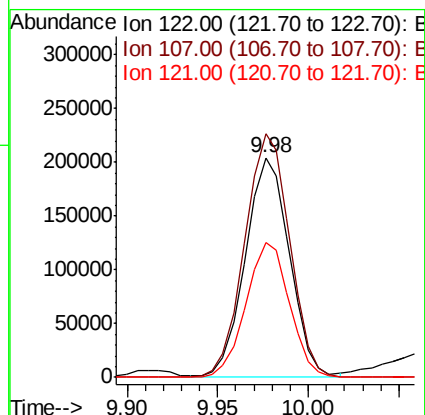
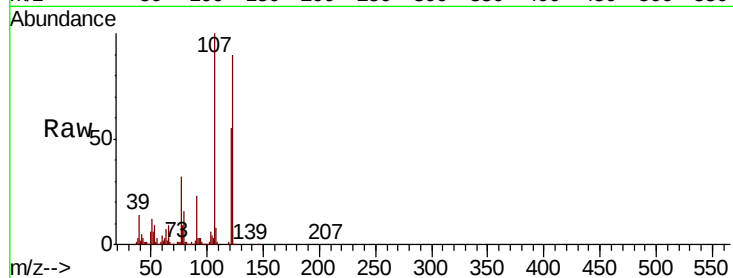
ClientSampleId :

PB125483BS

Tot Ion:	122	Resp:	344290
Ion Ratio	Lower	Upper	
122	100		
107	110.7	90.0	135.0
121	61.2	48.6	73.0

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#28

bis(2-Chloroethoxy)methane

Concen: 39.498 ng

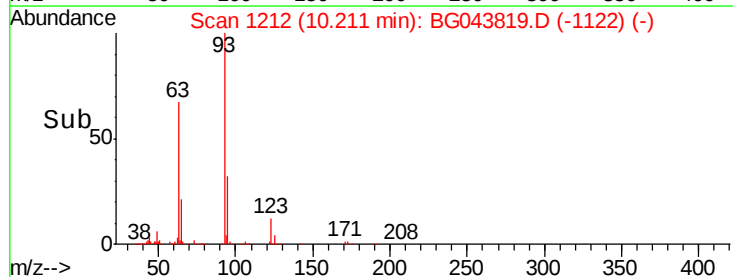
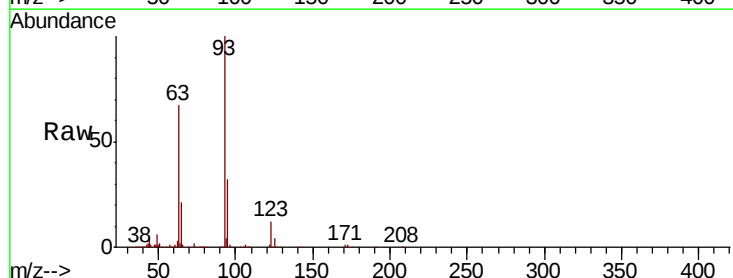
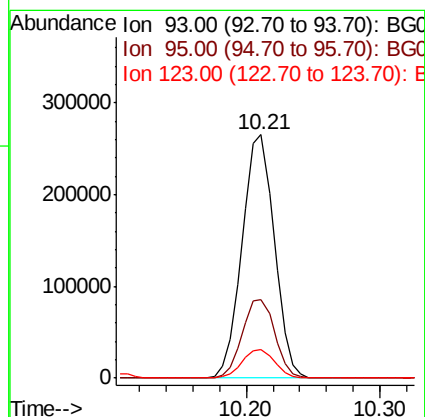
RT: 10.21 min Scan# 1212

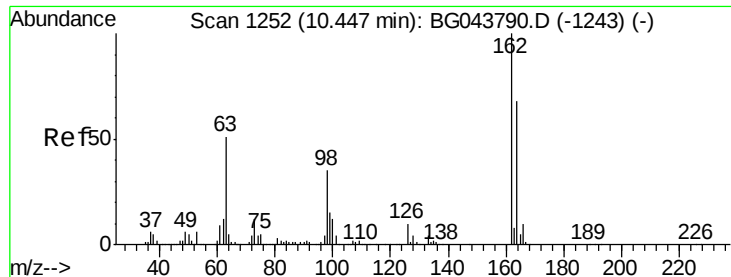
Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Tgt Ion:	93	Resp:	442493
Ion Ratio	Lower	Upper	
93	100		
95	32.5	25.7	38.5
123	11.8	9.5	14.3





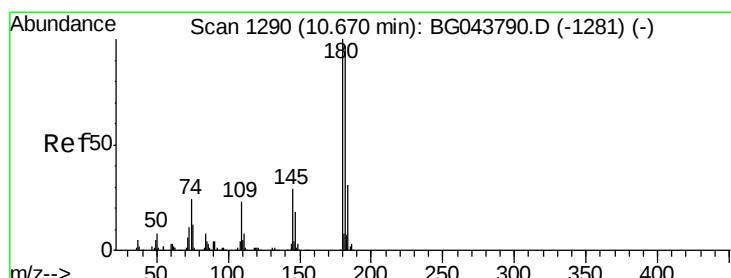
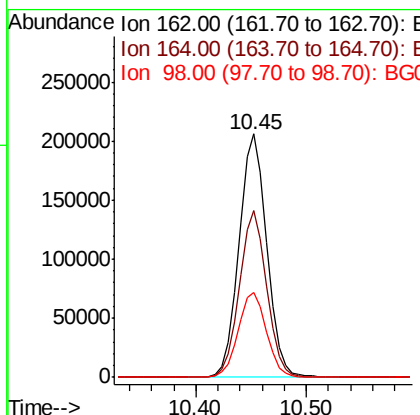
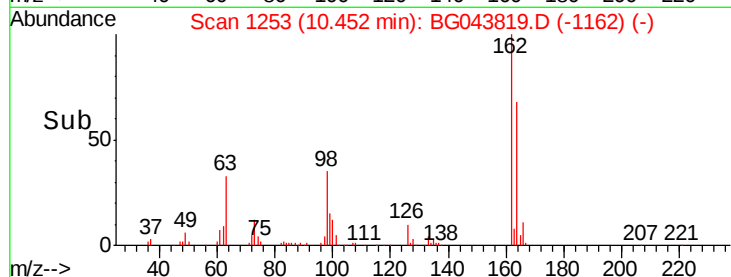
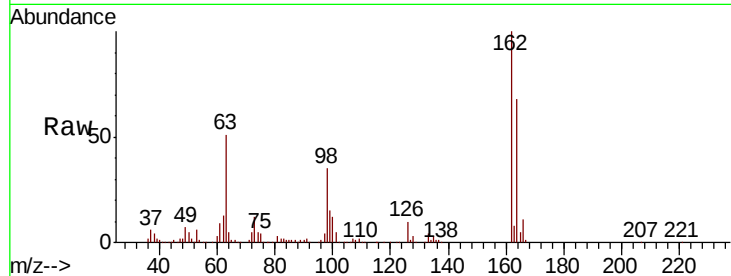
#29
 2,4-Dichlorophenol
 Concen: 47.897 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.01 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Instrument :
 BNA_G
 ClientSampleID :
 PB125483BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	363775		
164	68.4	48.0	88.0	
98	34.7	14.9	54.9	

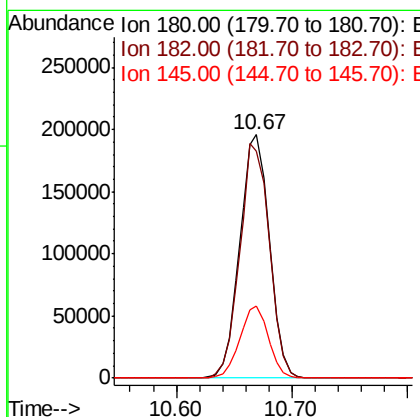
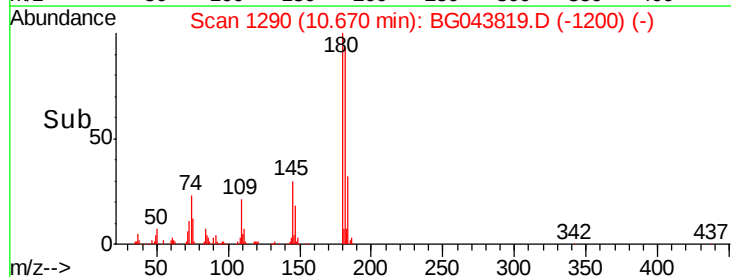
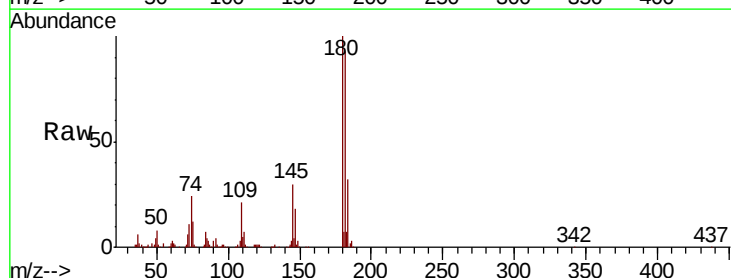
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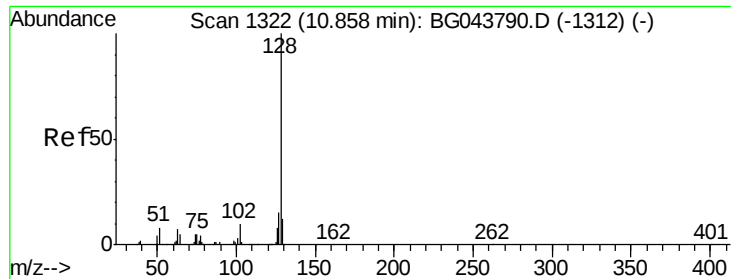
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.646 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	347447		
182	93.1	77.8	116.8	
145	29.8	23.0	34.6	





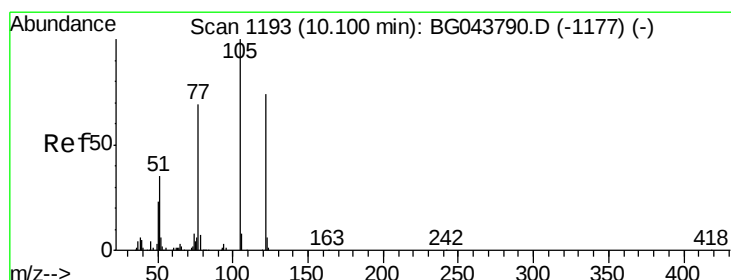
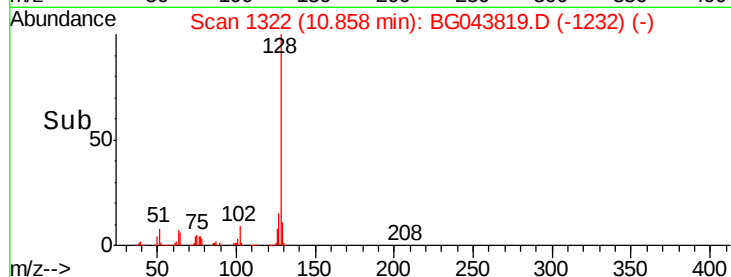
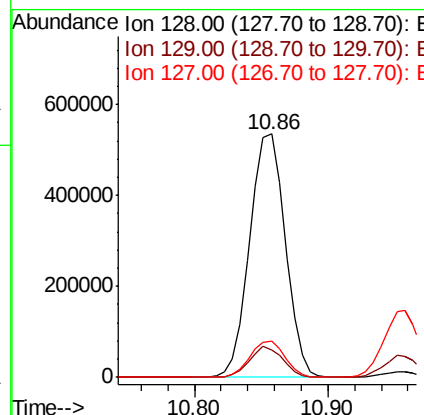
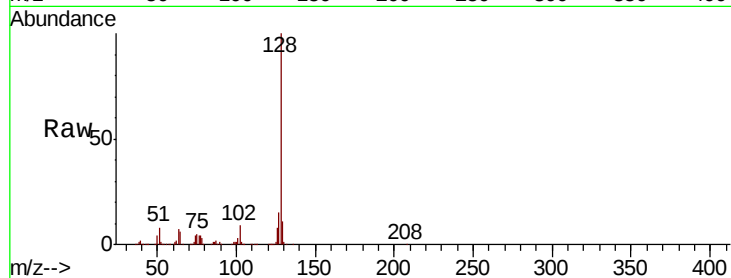
#31
Naphthalene
Concen: 41.770 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB125483BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	9.8	14.6	
127	14.9	11.9	17.9	

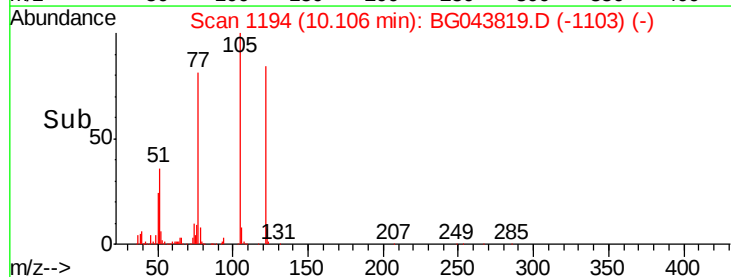
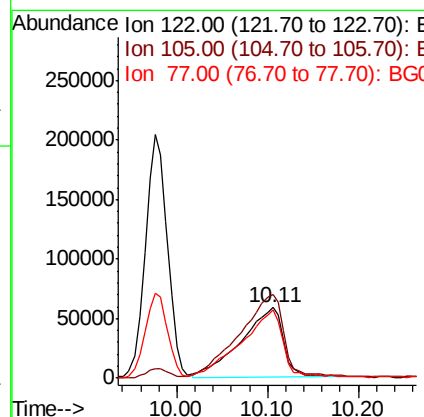
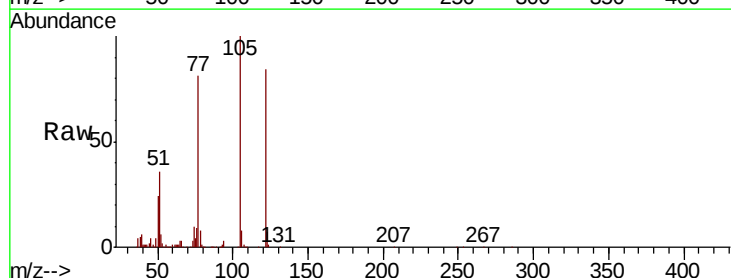
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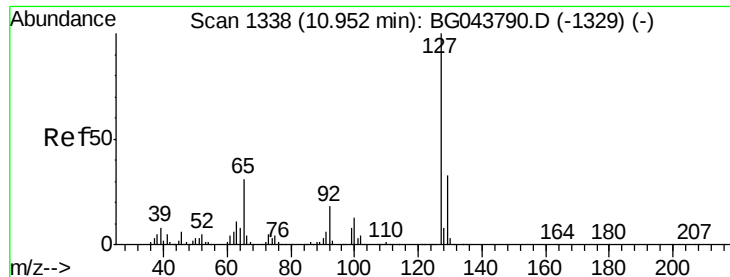
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#32
Benzoic acid
Concen: 44.980 ng
RT: 10.11 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	118.6	107.5	147.5	
77	96.3	71.7	111.7	





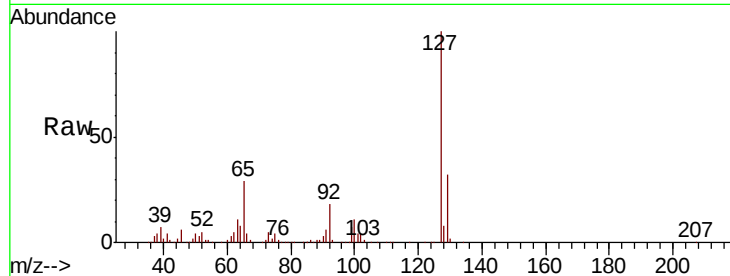
#33
4-Chloroaniline
Concen: 23.423 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB125483BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	268125		
129	31.9	26.1	39.1	
65	28.5	24.4	36.6	
92	17.6	14.6	22.0	

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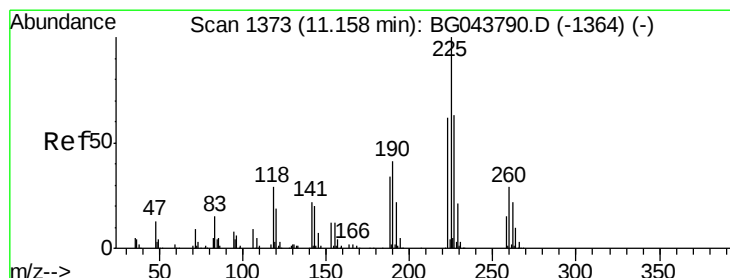
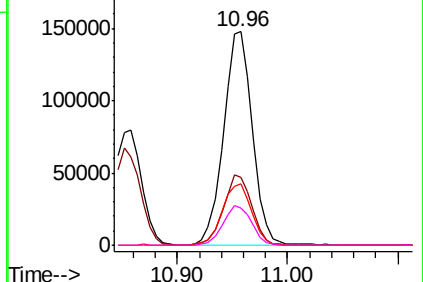
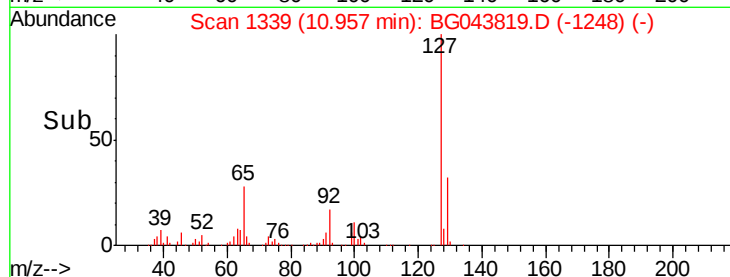
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

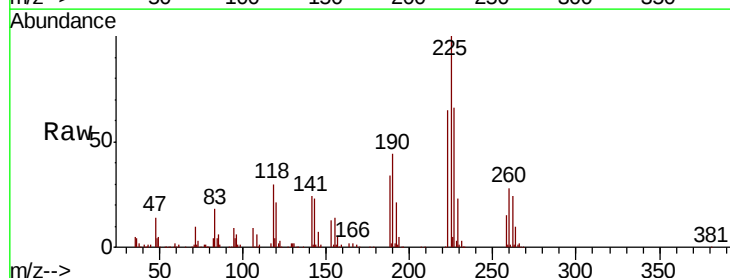
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 36.529 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	198994		
223	65.1	49.3	73.9	
227	66.1	50.2	75.2	

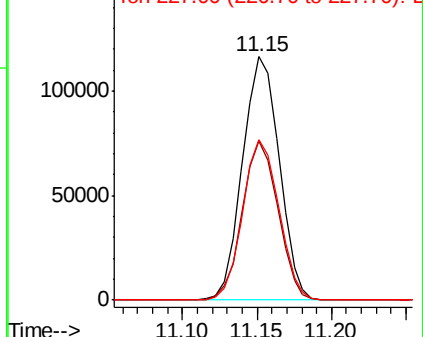
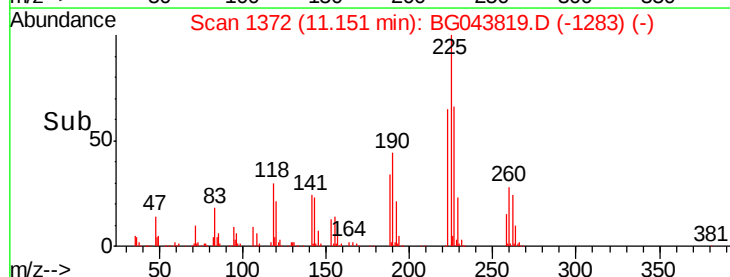


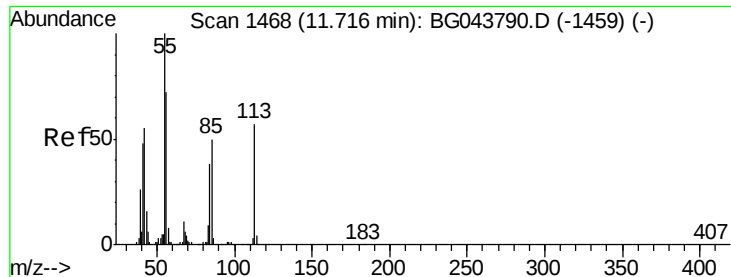
Abundance

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: 49.193 ng/ml

RT: 11.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampleId :

PB125483BS

Tot Ion:113 Resp: 146629

Ion Ratio Lower Upper

113 100

55 172.6 154.2 194.2

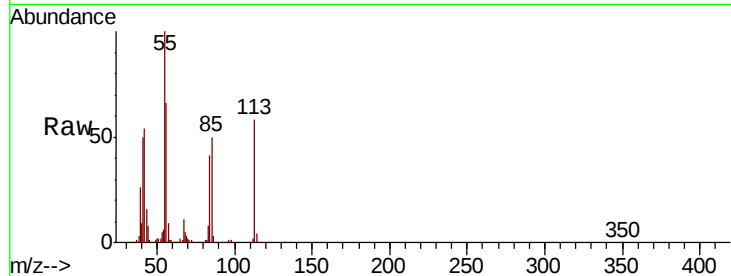
56 114.7 105.6 145.6

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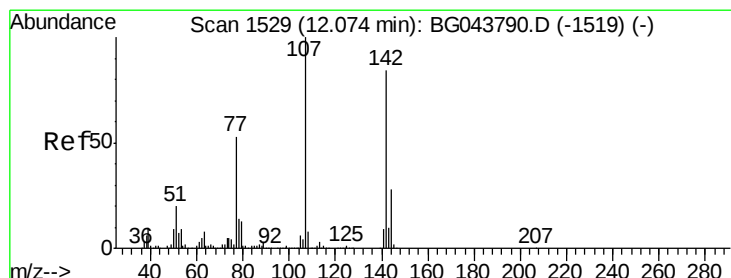
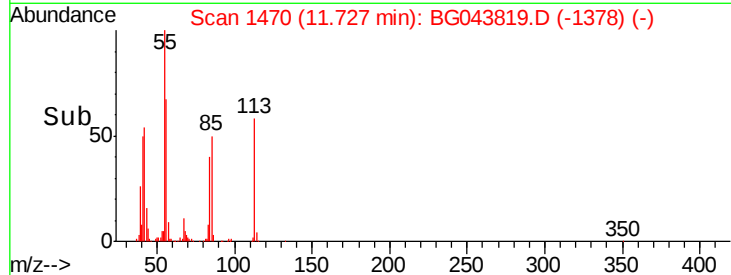
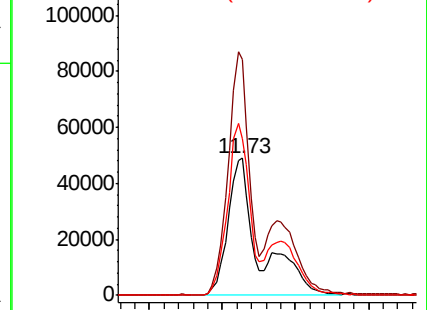


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 49.109 ng/ml

RT: 12.08 min Scan# 1530

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

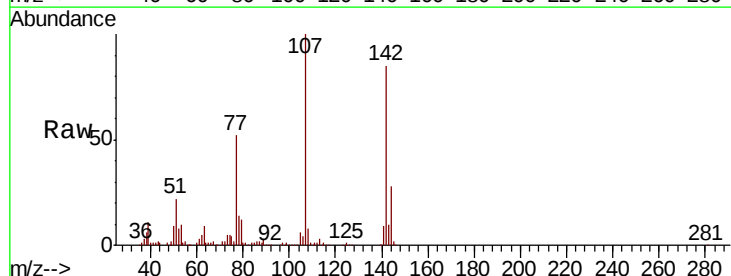
Tgt Ion:107 Resp: 401537

Ion Ratio Lower Upper

107 100

144 27.9 22.2 33.4

142 85.0 67.0 100.6

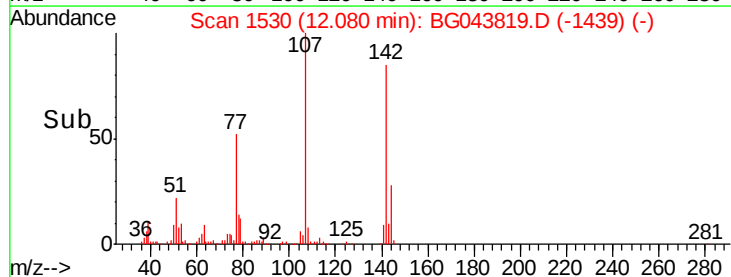
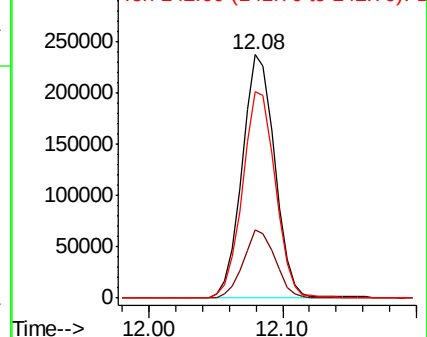


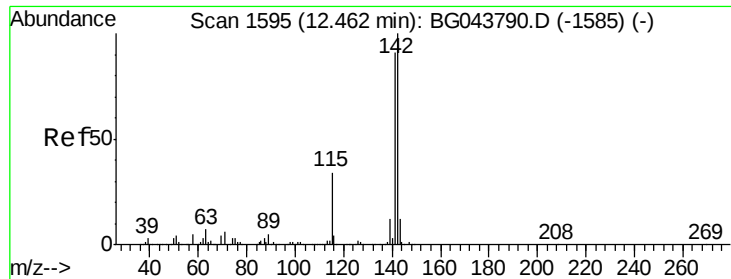
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





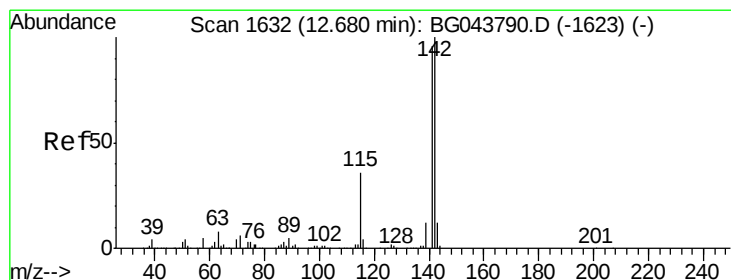
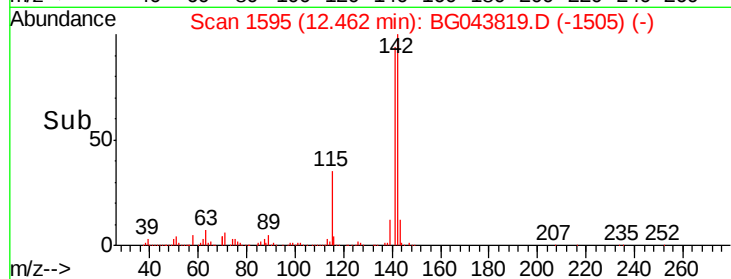
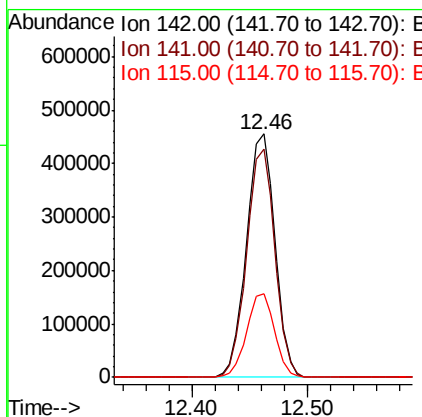
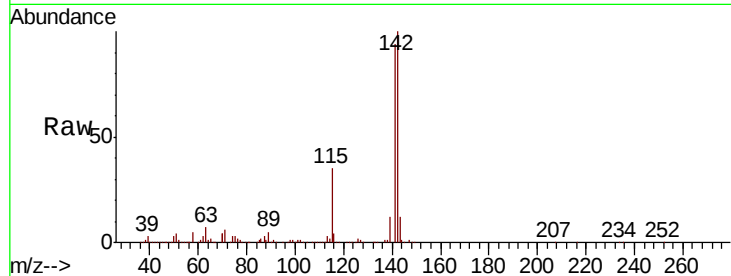
#37
2-Methylnaphthalene
Concen: 42.880 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB125483BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.2	109.8
115	34.5	27.3	40.9

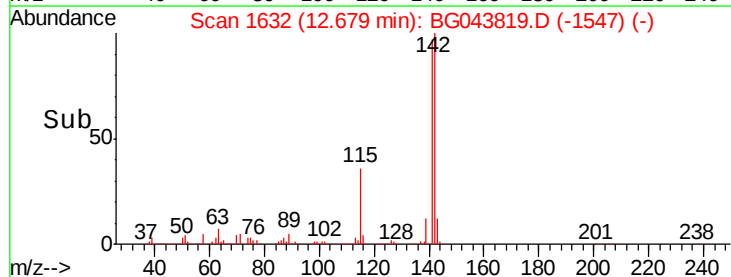
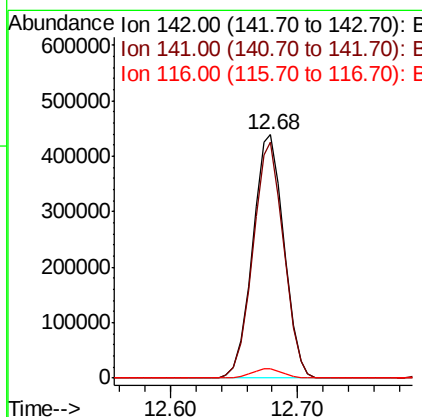
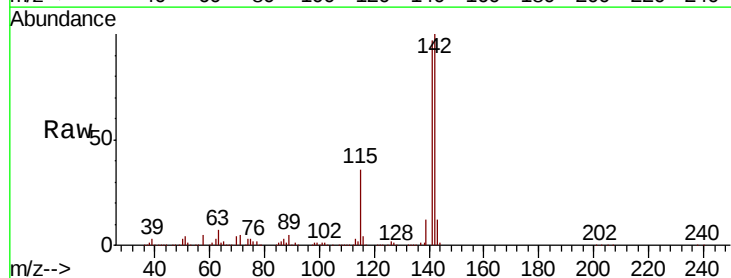
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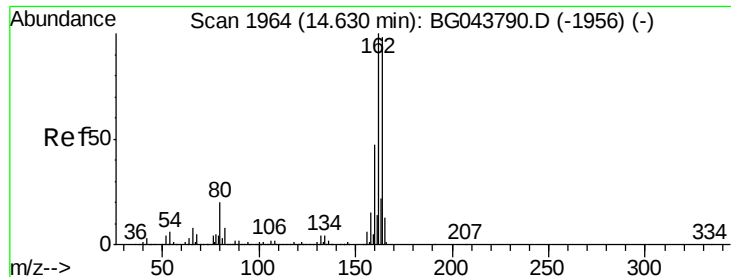
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#38
1-Methylnaphthalene
Concen: 43.245 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.0	76.9	115.3
116	3.8	3.2	4.8





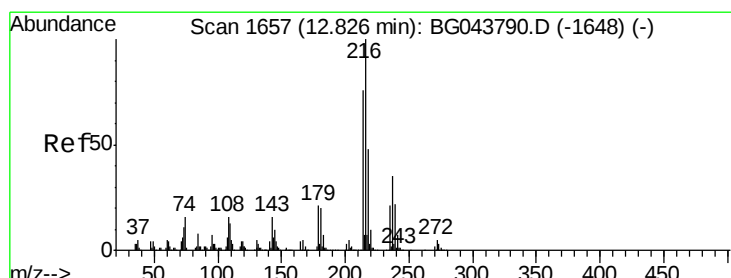
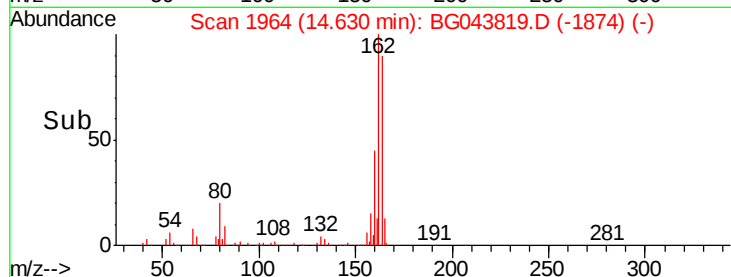
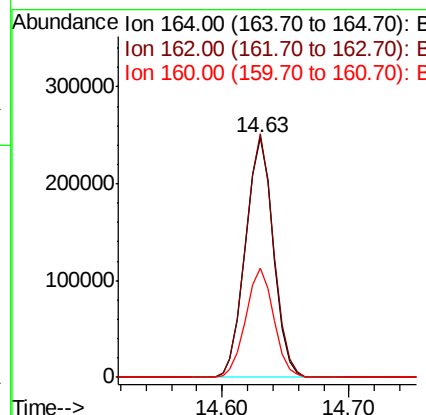
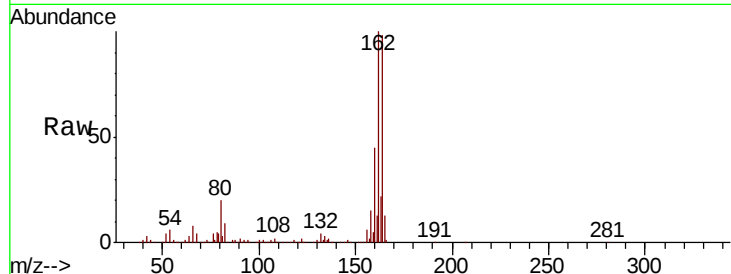
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB125483BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.9	122.9
160	45.8	38.3	57.5

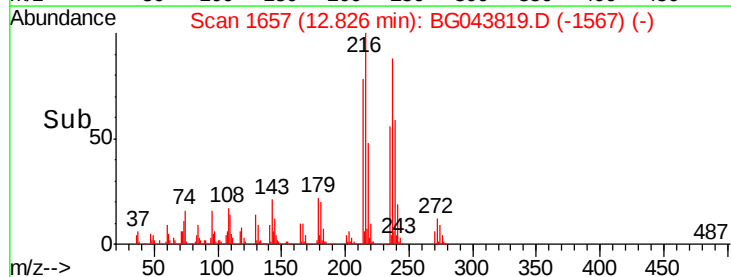
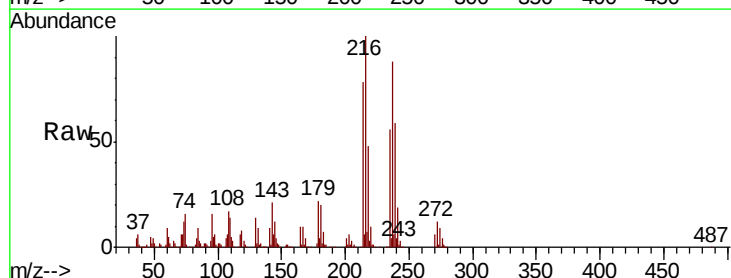
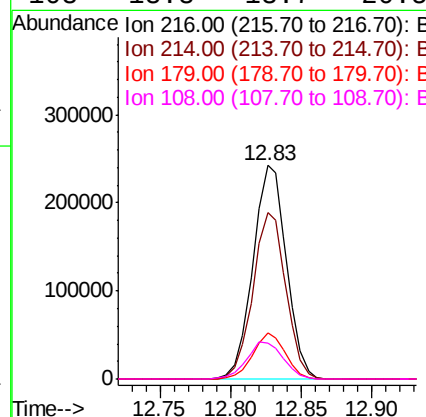
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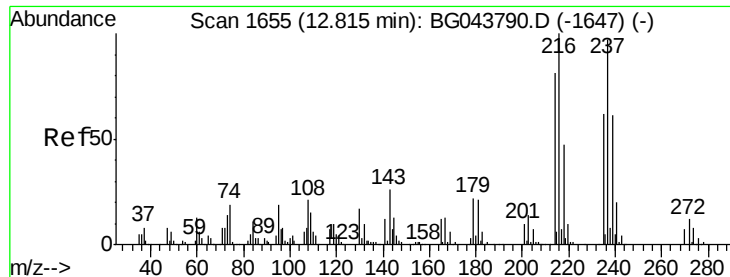
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.452 ng
RT: 12.83 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.0	62.2	93.4
179	20.9	16.6	25.0
108	18.8	13.7	20.5





#41

Hexachlorocyclopentadiene

Concen: 97.577 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

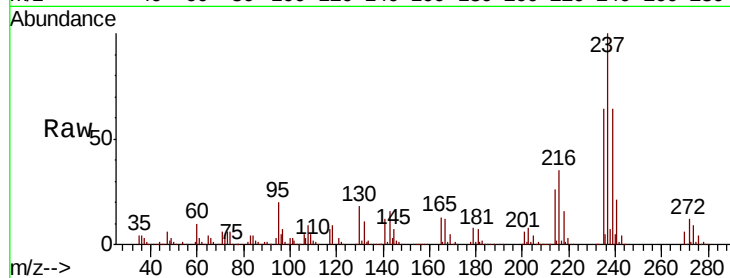
ClientSampleId :

PB125483BS

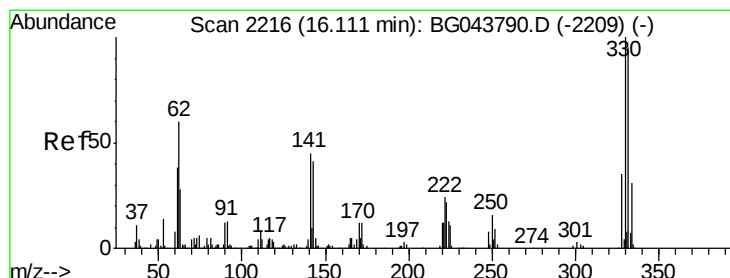
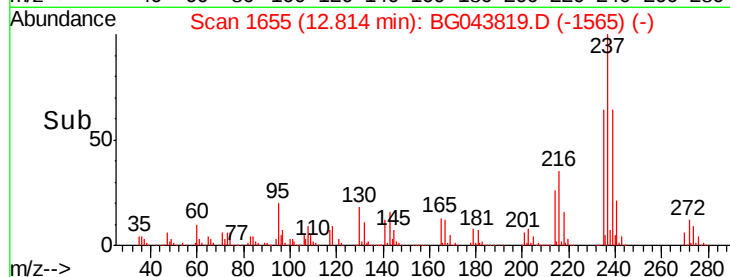
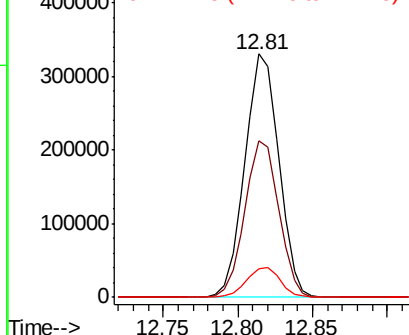
Tot Ion:	237	Resp:	519823
Ion Ratio	Lower	Upper	
237	100		
235	64.1	43.9	83.9
272	11.9	0.0	32.0

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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: 131.724 ng

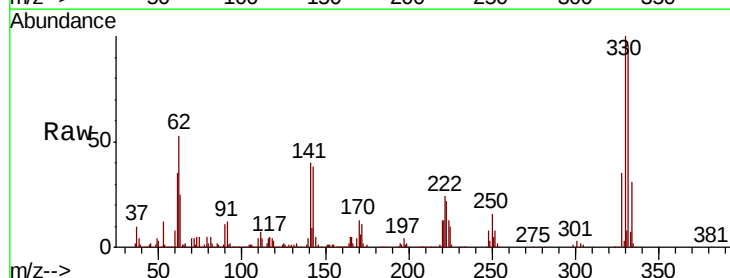
RT: 16.12 min Scan# 2217

Delta R.T. 0.01 min

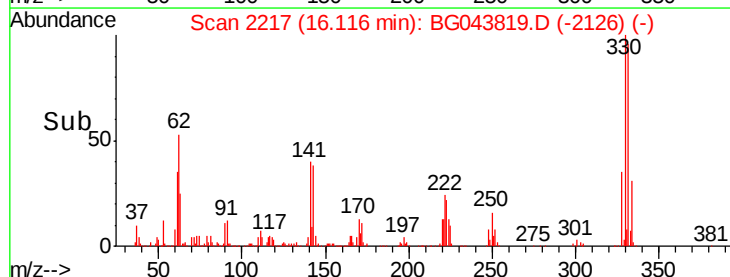
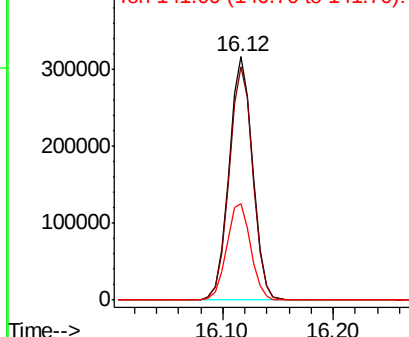
Lab File: BG043819.D

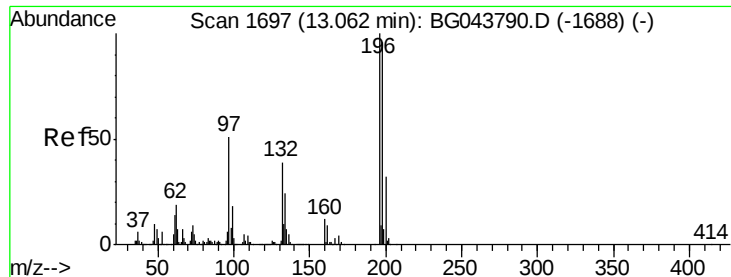
Acq: 17 Dec 2019 14:30

Tgt Ion:	330	Resp:	474327
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.9	115.3
141	40.7	33.8	50.8



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





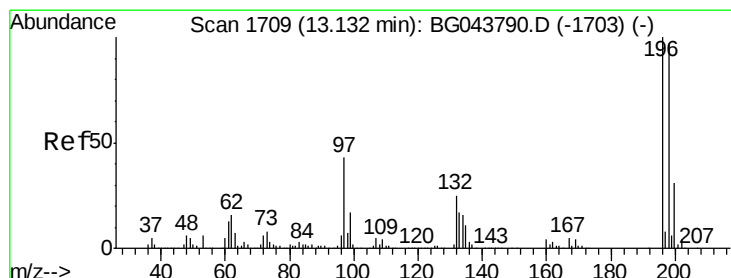
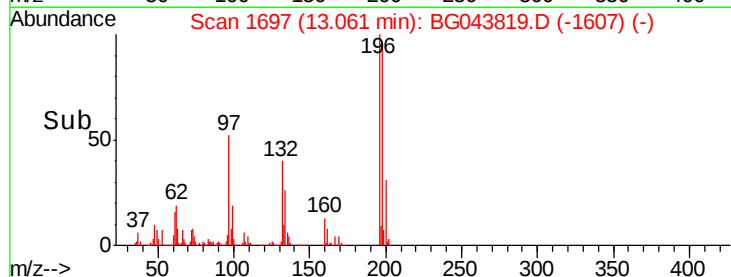
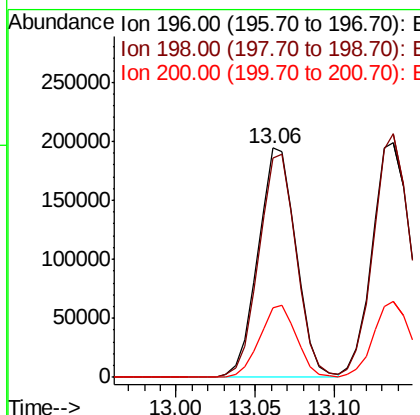
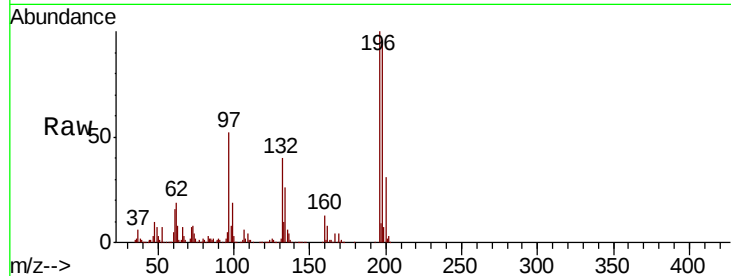
#43
 2,4,6-Trichlorophenol
 Concen: 44.938 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Instrument :
 BNA_G
 ClientSampleId :
 PB125483BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	324183		
198	95.8	77.0	115.6	
200	30.6	25.7	38.5	

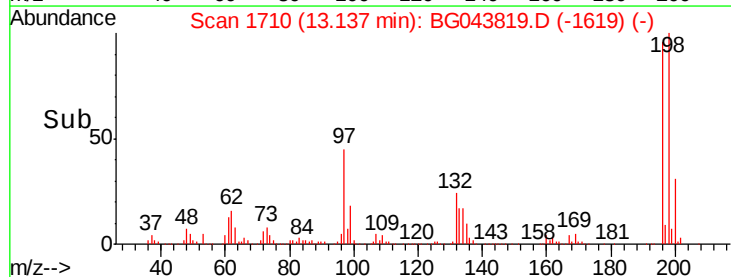
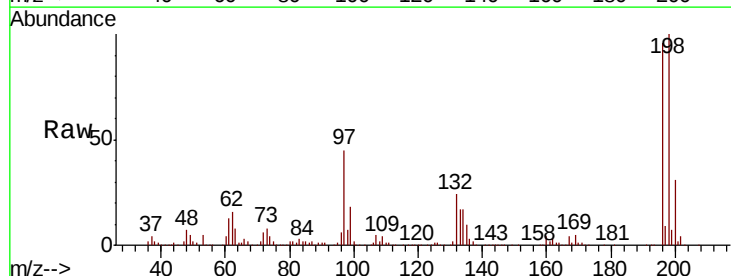
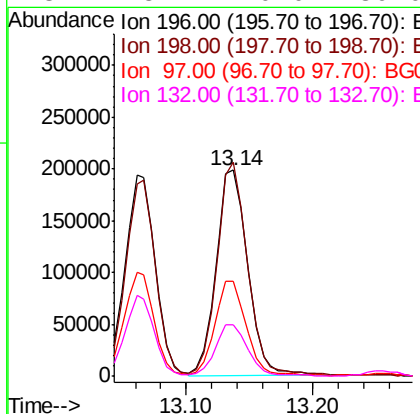
Manual Integrations
 APPROVED

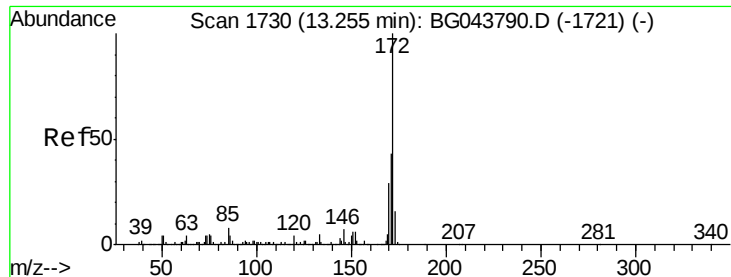
mohammad
 12/18/2019 2:40:40 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.292 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	342308		
198	103.9	77.4	116.0	
97	46.4	34.7	52.1	
132	25.2	20.0	30.0	





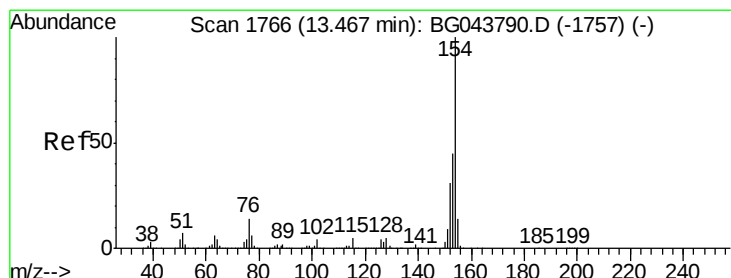
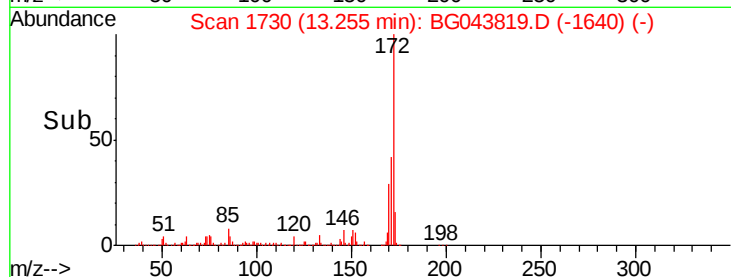
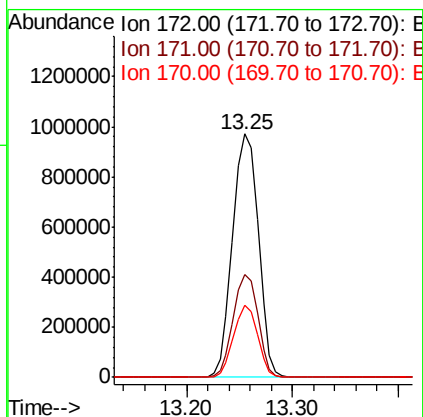
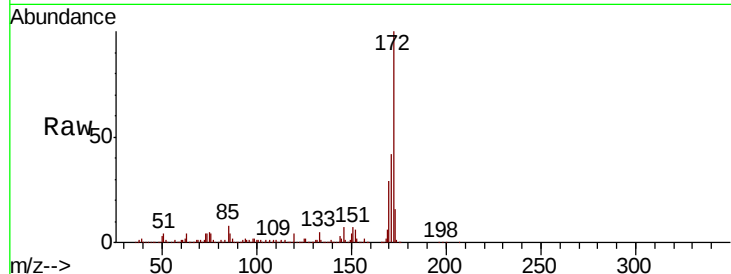
#45
2-Fluorobiphenyl
Concen: 76.149 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB125483BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	42.4	34.6	51.8
170	29.5	23.3	34.9

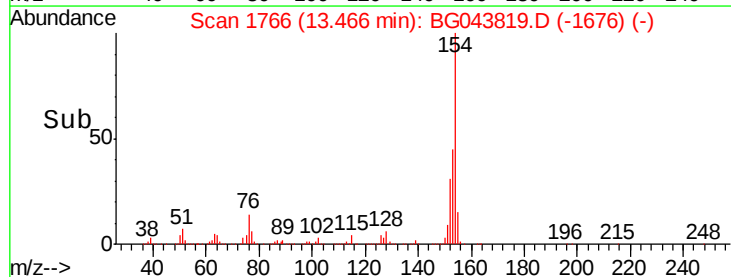
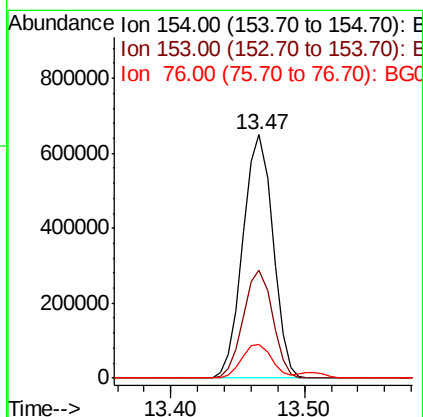
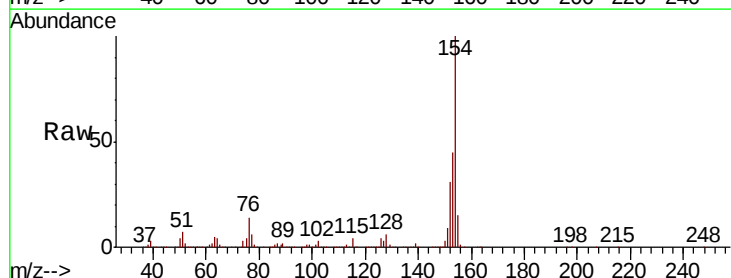
Manual Integrations
APPROVED

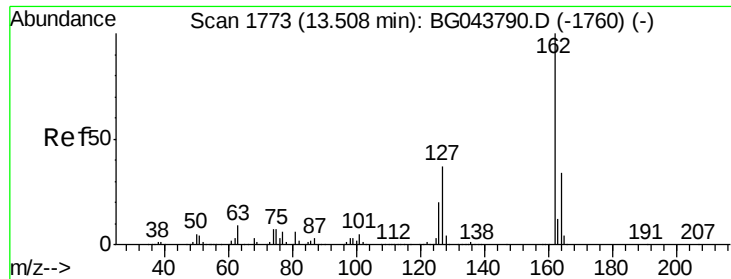
mohammad
12/18/2019 2:40:40 PM



#46
1,1'-Biphenyl
Concen: 38.836 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.6	24.5	64.5
76	14.1	0.0	33.9





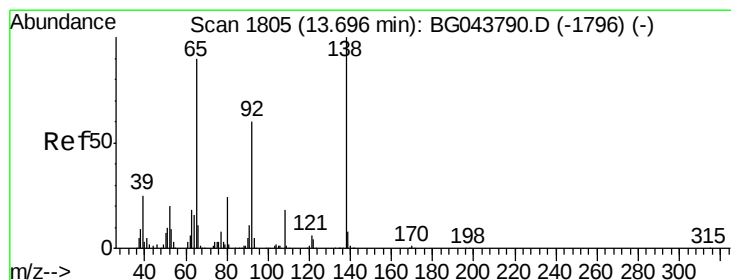
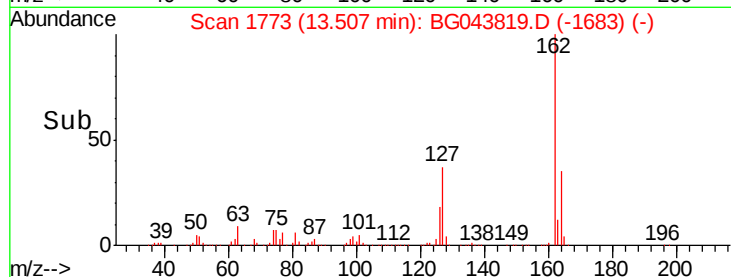
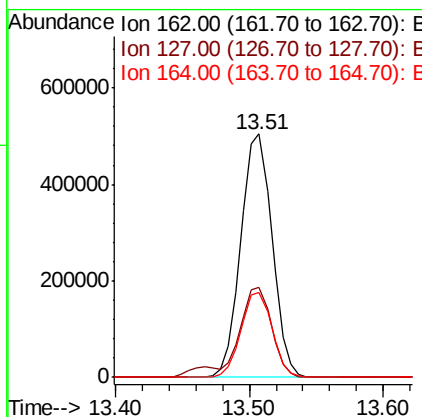
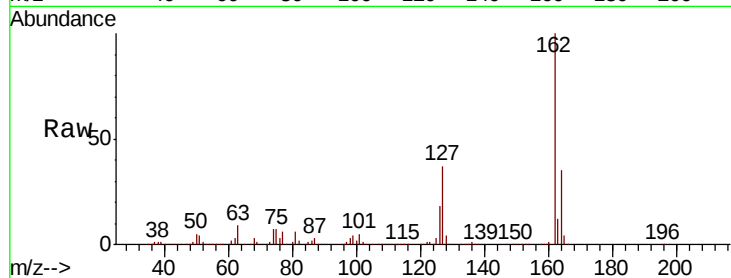
#47
2-Chloronaphthalene
Concen: 38.446 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB125483BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	30.0	45.0
164	34.7	27.6	41.4

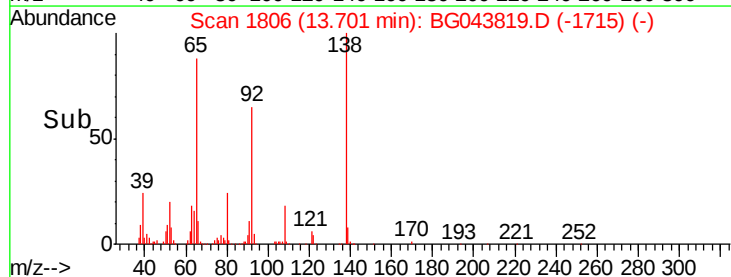
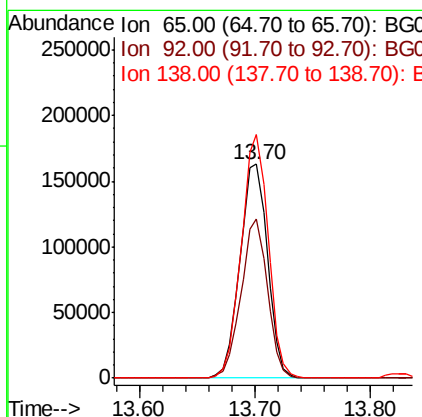
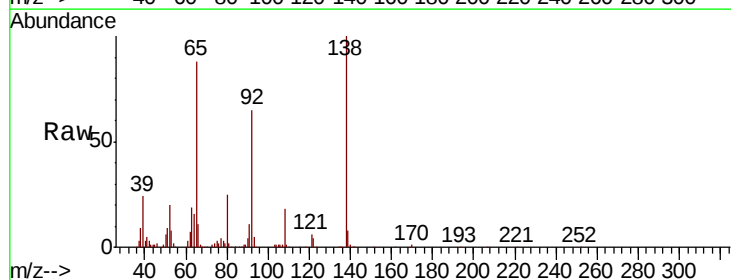
Manual Integrations
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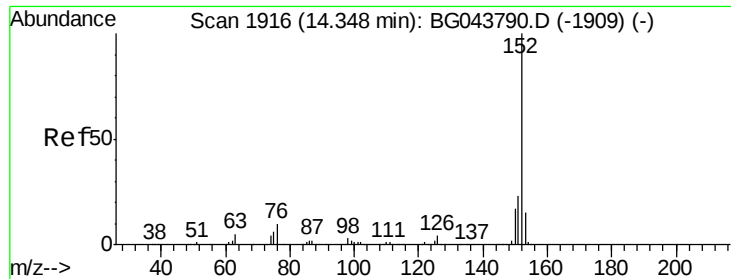
mohammad
12/18/2019 2:40:40 PM



#48
2-Nitroaniline
Concen: 43.263 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.4	53.7	80.5
138	114.0	88.8	133.2





#49

Acenaphthylene

Concen: 41.862 ng

RT: 14.35 min Scan# 1917

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampleId :

PB125483BS

Tot Ion:152 Resp: 1327513

Ion Ratio Lower Upper

152 100

151 24.4 18.5 27.7

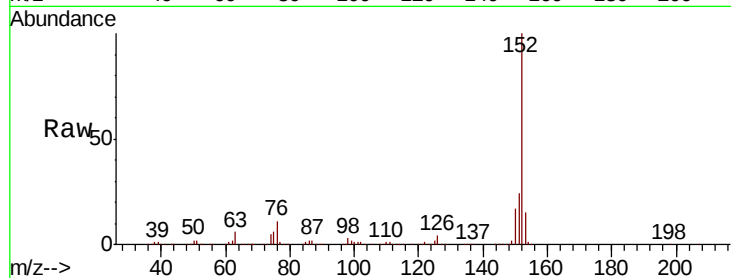
153 14.6 11.8 17.8

Manual Integrations

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mohammad

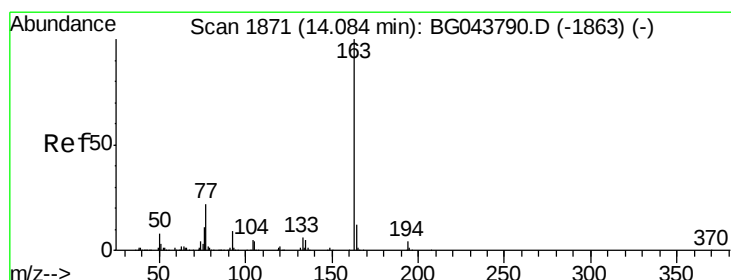
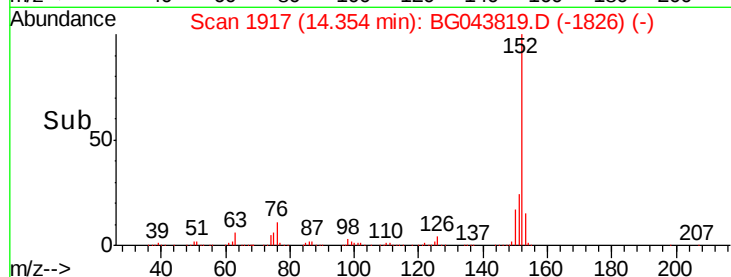
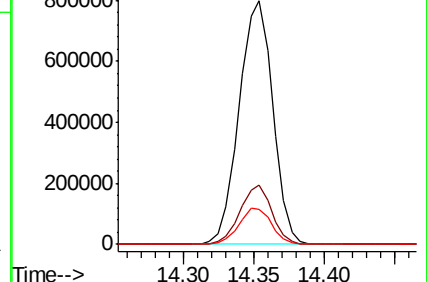
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.444 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

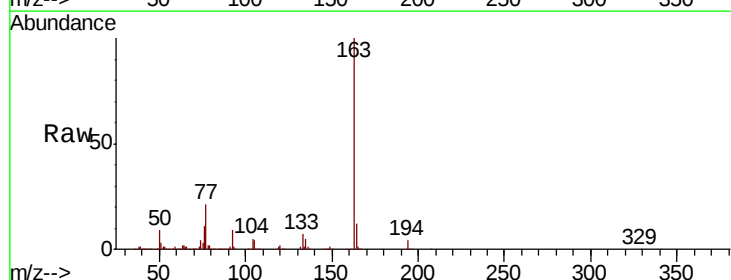
Tgt Ion:163 Resp: 1090338

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

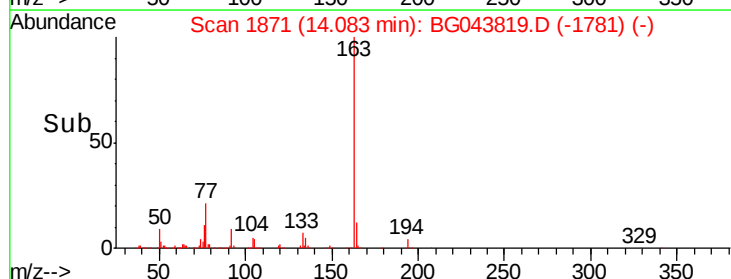
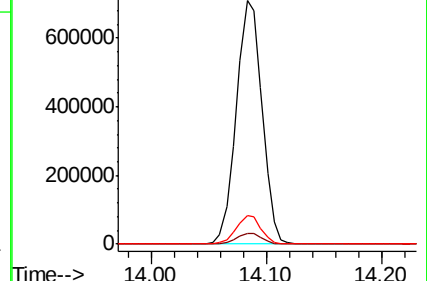
164 11.8 9.4 14.0

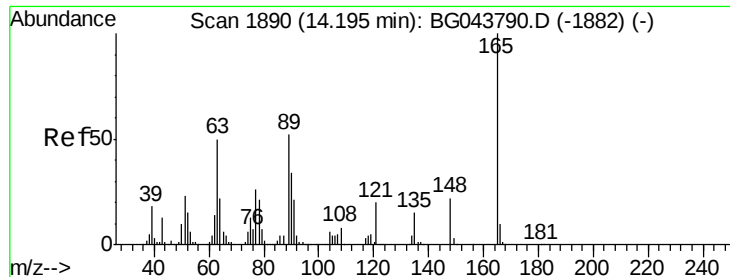


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





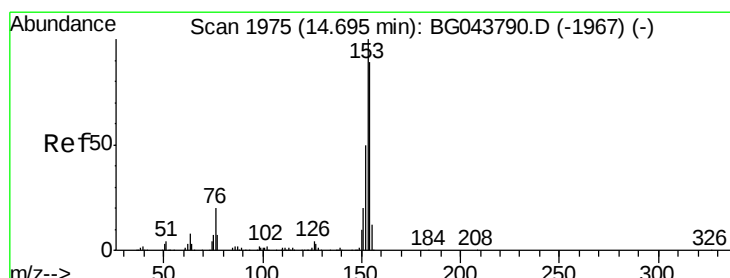
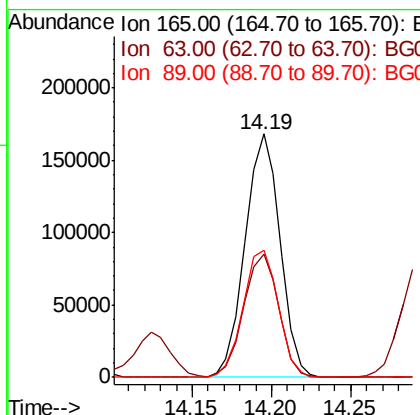
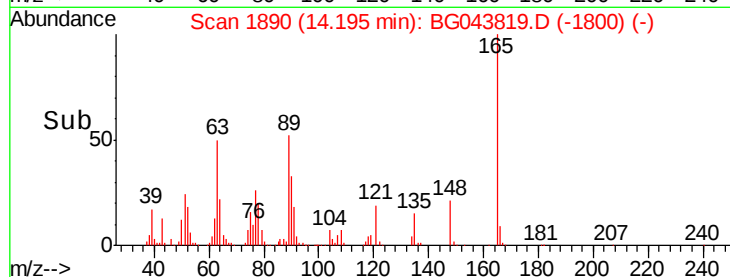
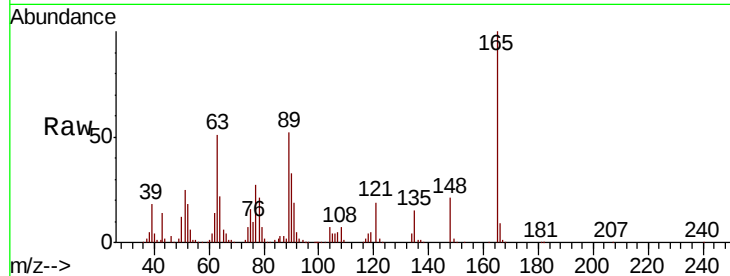
#51
 2,6-Dinitrotoluene
 Concen: 44.345 ng
 RT: 14.19 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Instrument :
 BNA_G
 ClientSampleId :
 PB125483BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	257632		
63	50.9		40.3	60.5
89	52.2		41.8	62.8

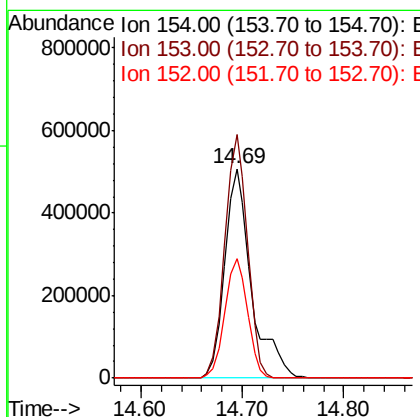
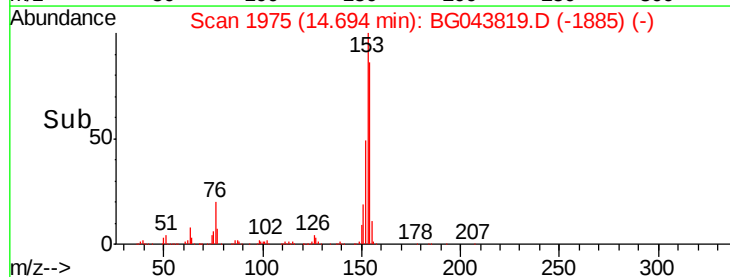
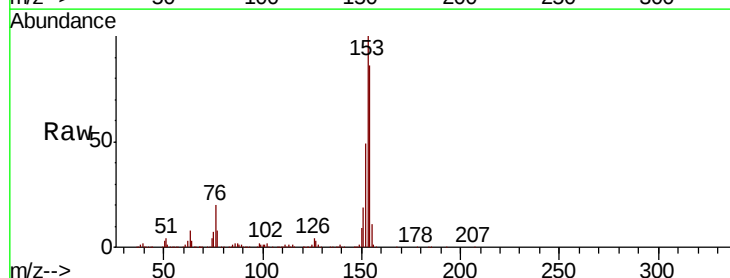
Manual Integrations
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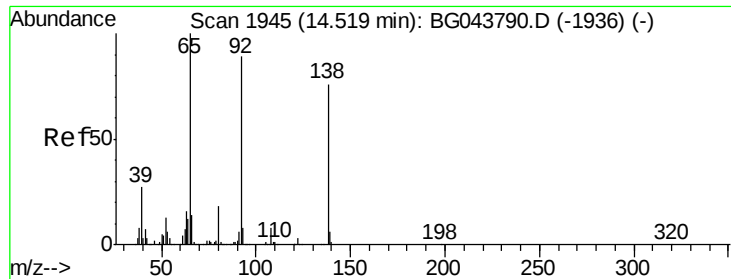
mohammad
 12/18/2019 2:40:40 PM



#52
 Acenaphthene
 Concen: 44.480 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	927925		
153	116.2		89.5	134.3
152	56.9		45.0	67.4





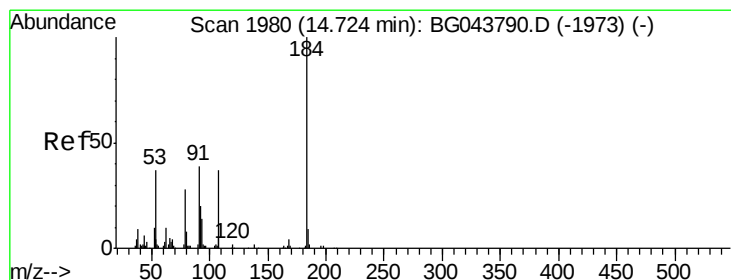
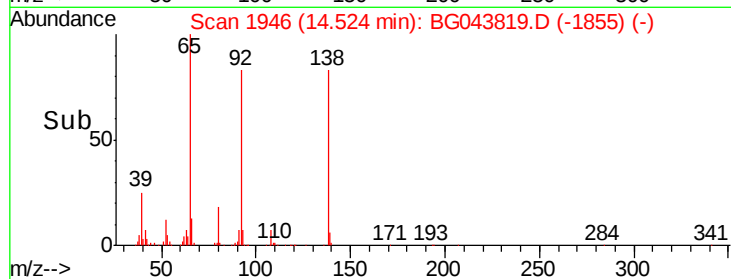
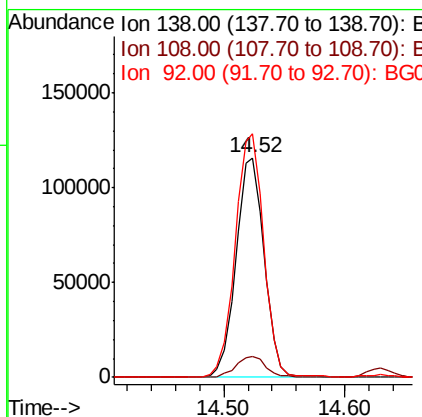
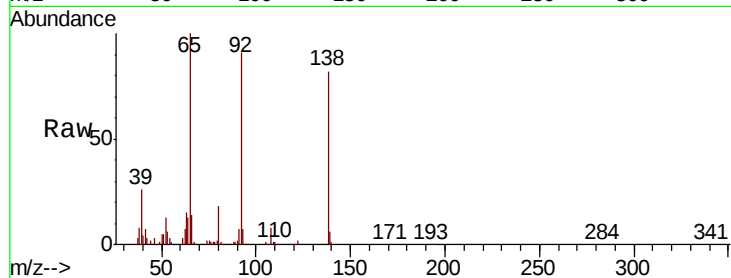
#53
3-Nitroaniline
Concen: 28.367 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB125483BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	9.2	8.1	12.1	
92	110.8	94.6	141.8	

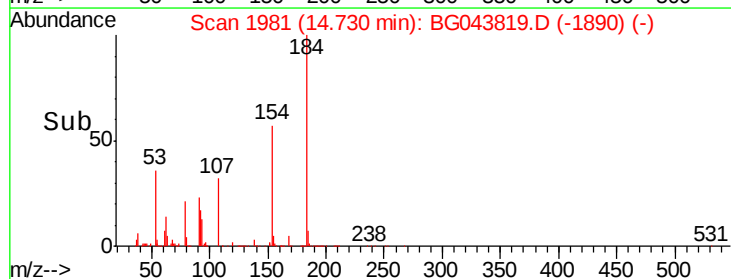
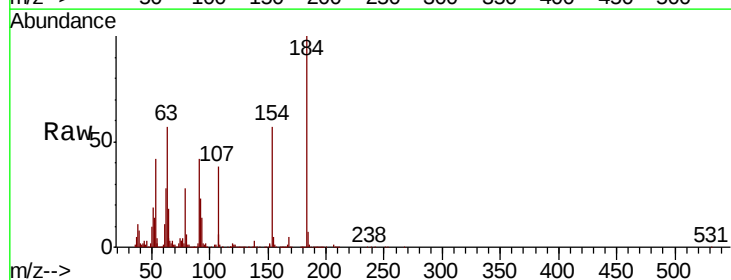
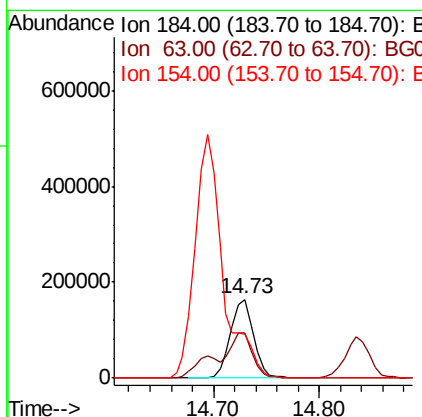
Manual Integrations
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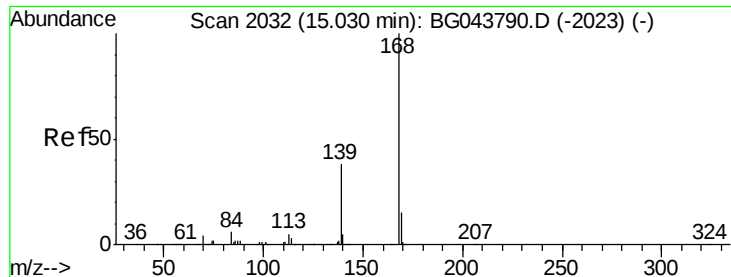
mohammad
12/18/2019 2:40:40 PM



#54
2,4-Dinitrophenol
Concen: 96.750 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	57.0	43.4	65.0	
154	56.7	54.8	82.2	





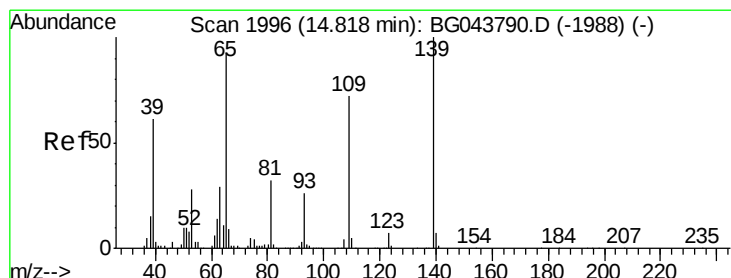
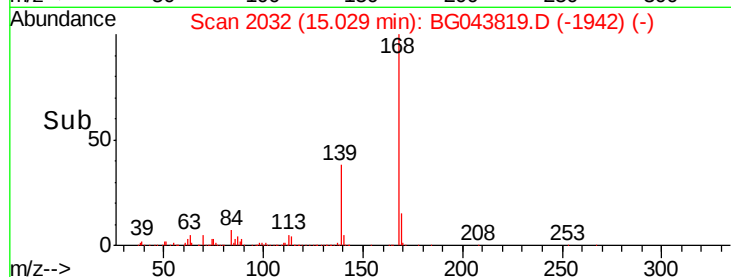
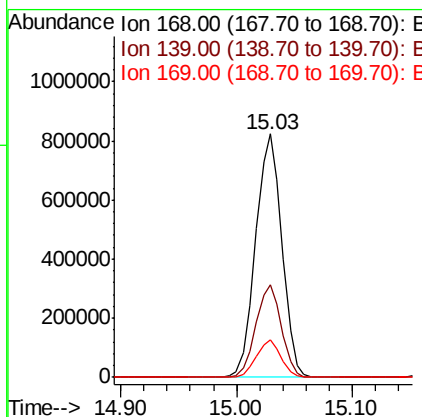
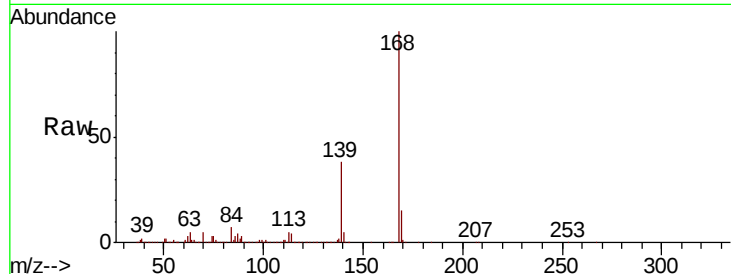
#55
Dibenzenofuran
Concen: 42.096 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB125483BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.4	45.6
169	15.2	12.0	18.0

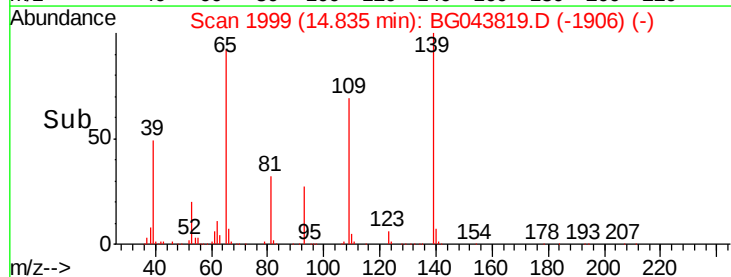
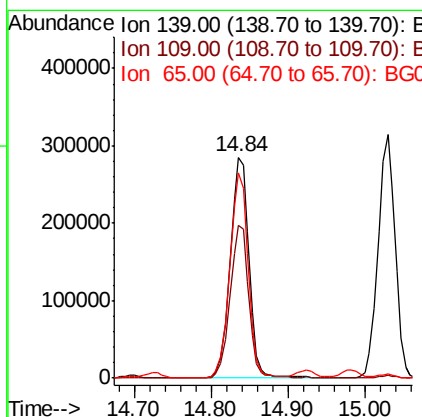
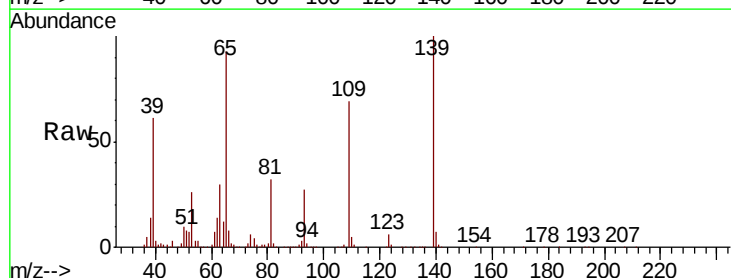
Manual Integrations
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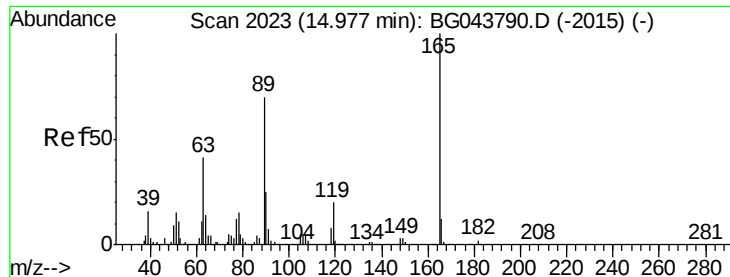
mohammad
12/18/2019 2:40:40 PM



#56
4-Nitrophenol
Concen: 100.489 ng
RT: 14.84 min Scan# 1999
Delta R.T. 0.02 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.5	51.5	91.5
65	93.3	73.7	113.7





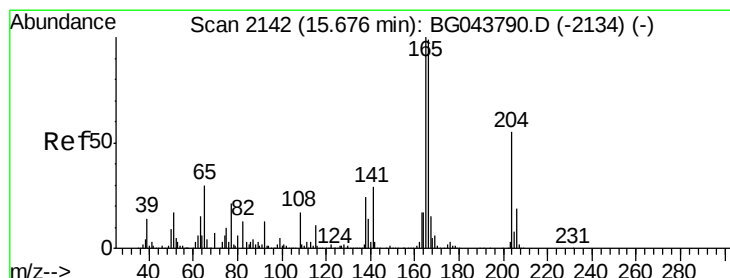
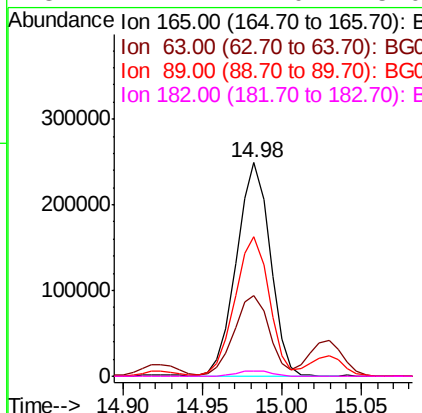
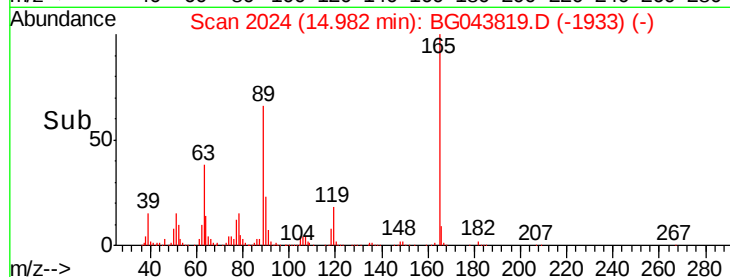
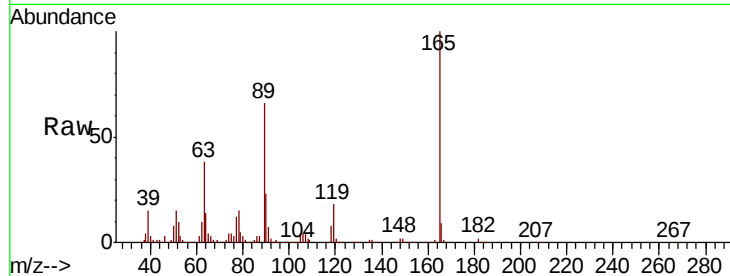
#57
 2,4-Dinitrotoluene
 Concen: 47.045 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Instrument :
 BNA_G
 ClientSampleId :
 PB125483BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	369314		
63	37.7		32.7	49.1
89	65.6		56.1	84.1
182	2.4		2.0	3.0

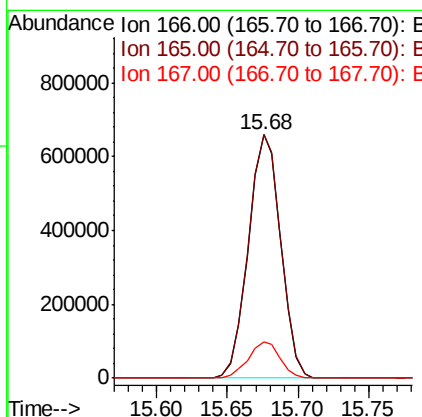
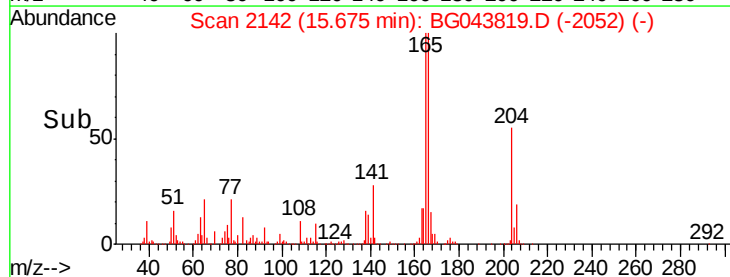
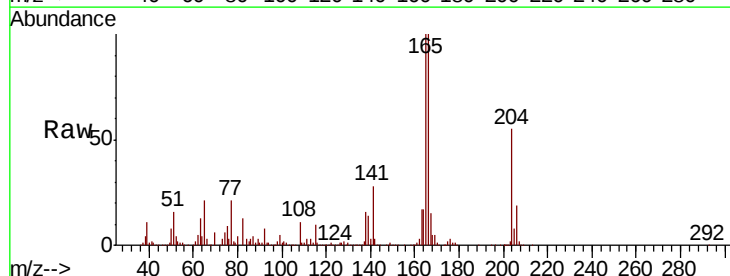
Manual Integrations
 APPROVED

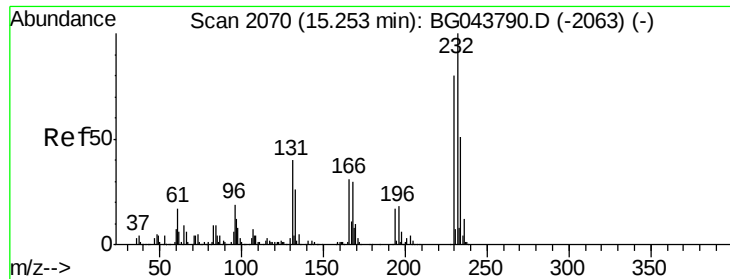
mohammad
 12/18/2019 2:40:40 PM



#58
 Fluorene
 Concen: 42.457 ng
 RT: 15.68 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1056782		
165	100.1		80.5	120.7
167	15.1		12.1	18.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.900 ng/ml

RT: 15.25 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

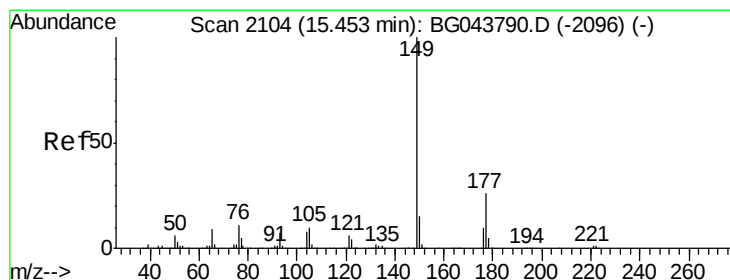
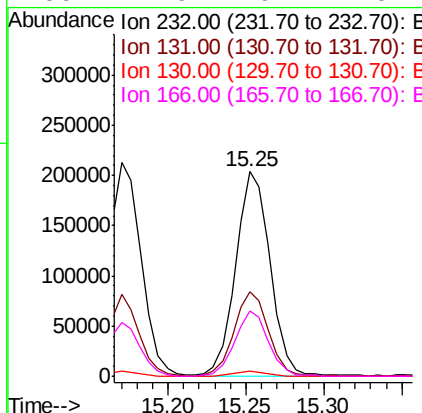
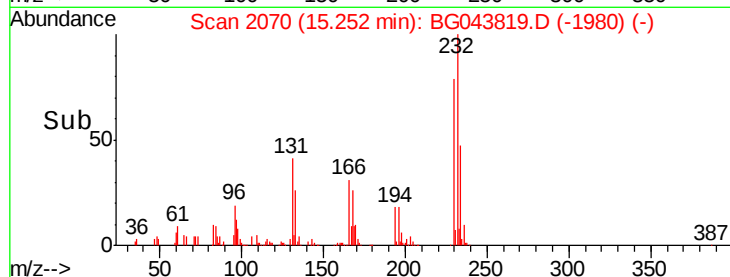
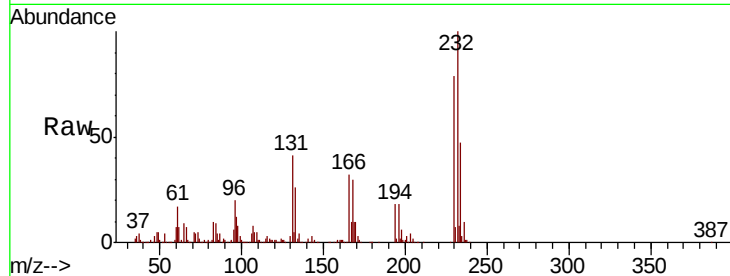
ClientSampleId :

PB125483BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		318037		
131	36.0	27.9	41.9		
130	2.4	1.8	2.8		
166	24.9	19.4	29.2		

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#60

Diethylphthalate

Concen: 41.325 ng/ml

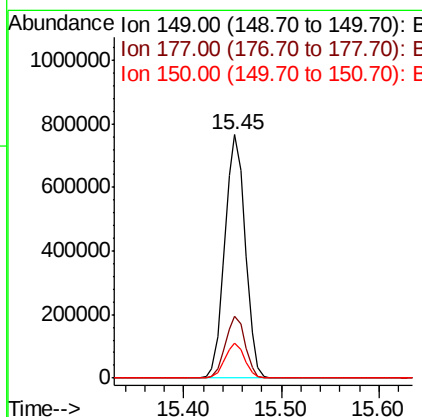
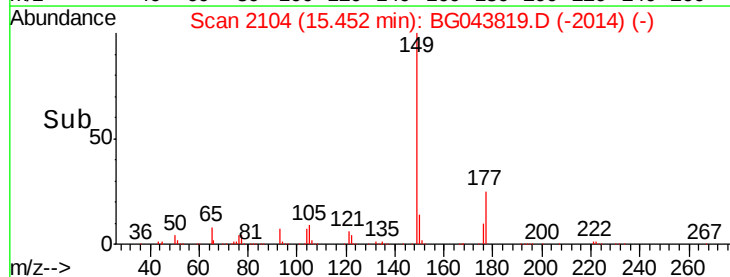
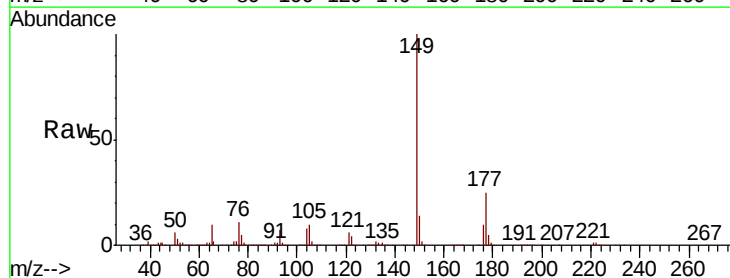
RT: 15.45 min Scan# 2104

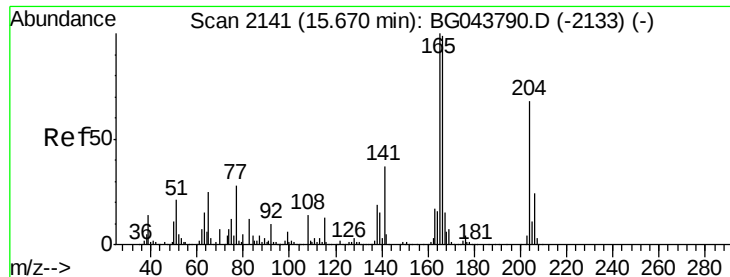
Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1112836		
177	25.3	20.4	30.6		
150	14.5	11.6	17.4		





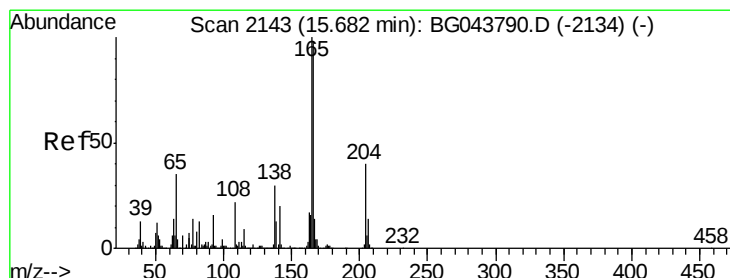
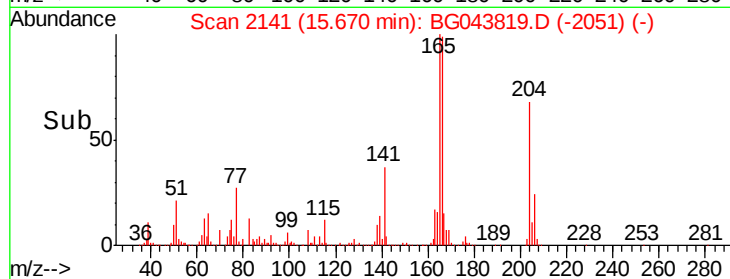
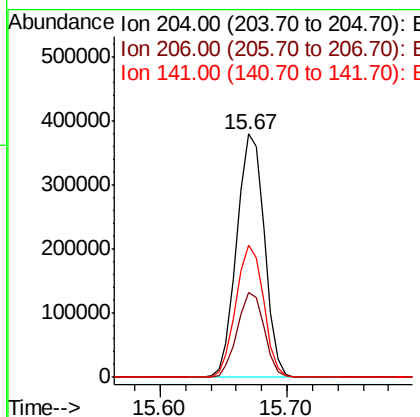
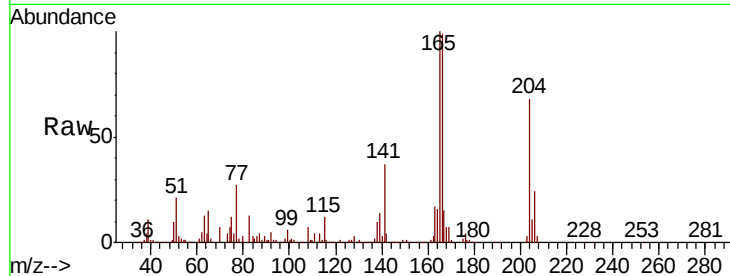
#61
4-Chlorophenyl-phenylether
Concen: 40.932 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB125483BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	28.1	42.1
141	54.5	44.1	66.1

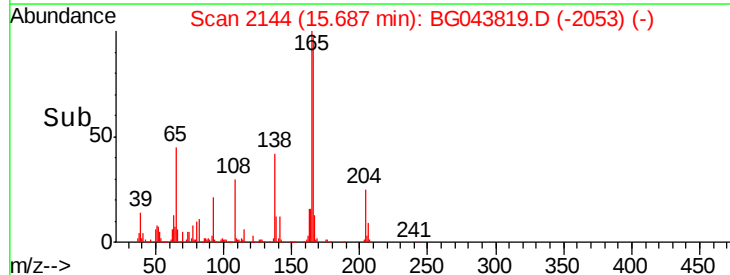
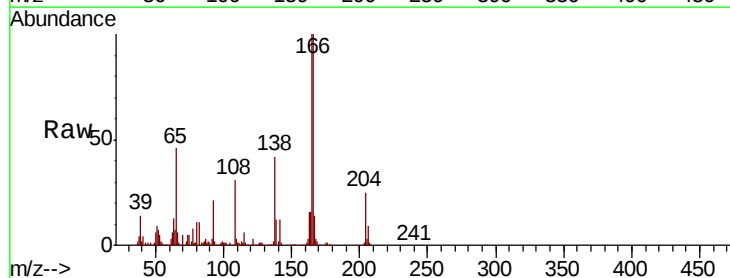
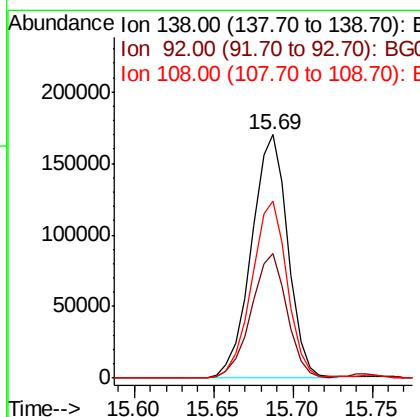
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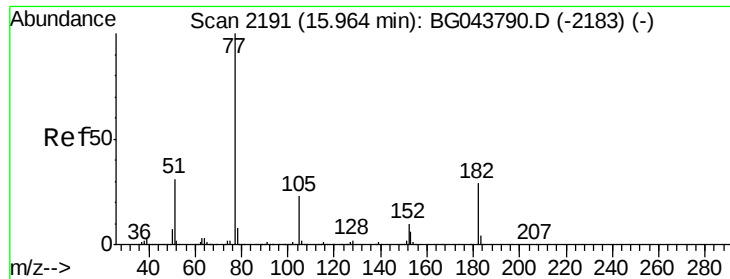
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#62
4-Nitroaniline
Concen: 39.496 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	31.5	71.5
108	72.7	53.1	93.1





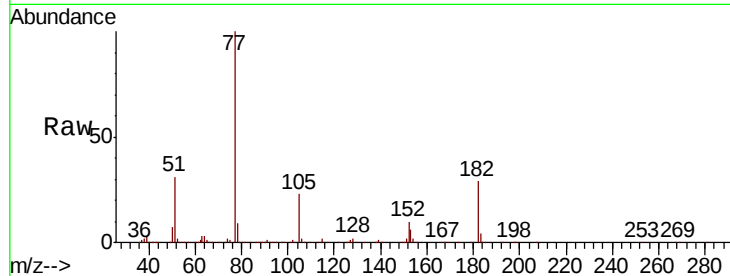
#63
Azobenzene
Concen: 41.893 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB125483BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.1	9.0	49.0
105	23.4	2.9	42.9
51	31.4	10.6	50.6

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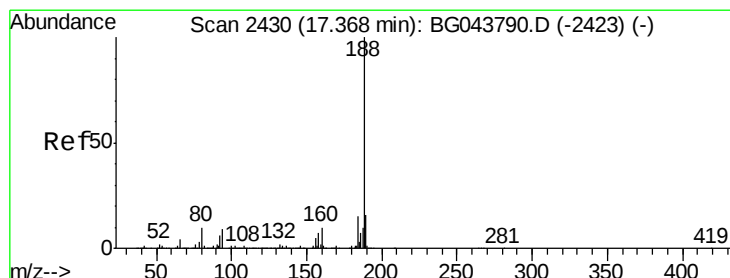
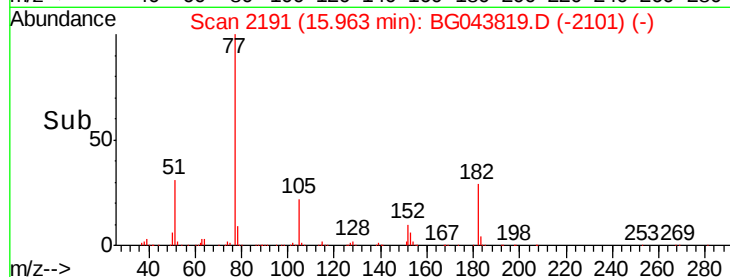
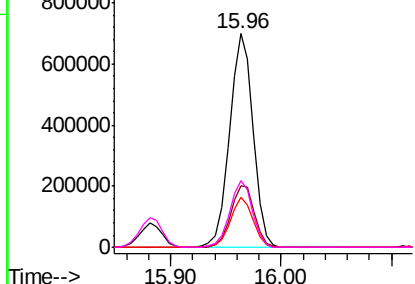
Abundance

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: 17.37 min Scan# 2431
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

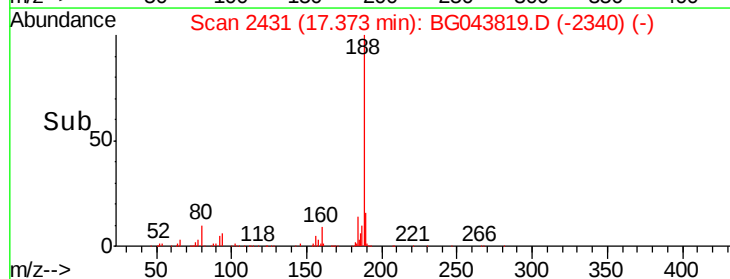
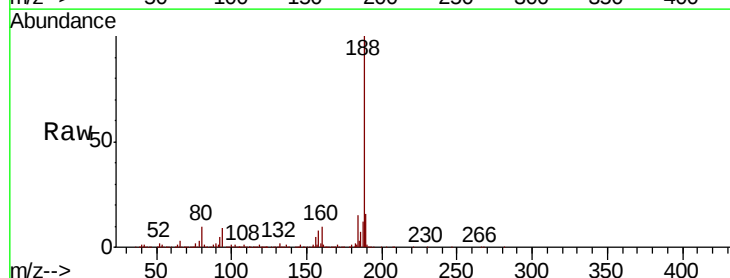
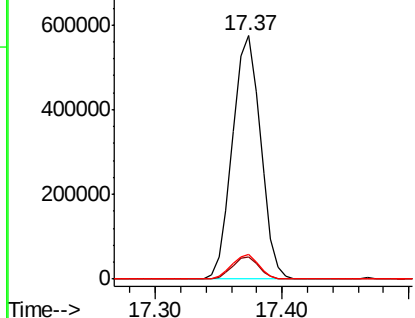
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.9	10.3
80	10.1	7.8	11.8

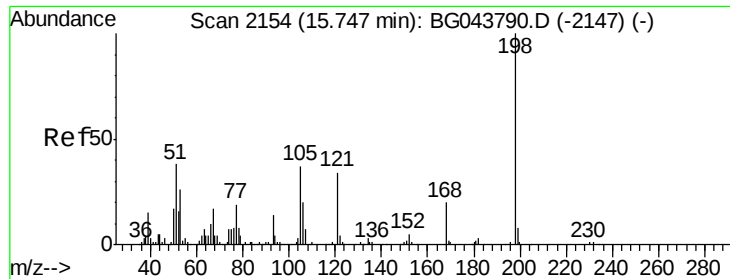
Abundance

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: 52.590 ng

RT: 15.75 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

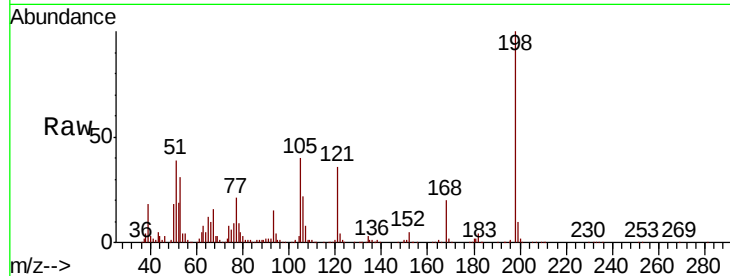
ClientSampleId :

PB125483BS

Tot Ion:	198	Resp:	183087
Ion Ratio	Lower	Upper	
198	100		
51	39.5	18.9	58.9
105	39.6	18.1	58.1

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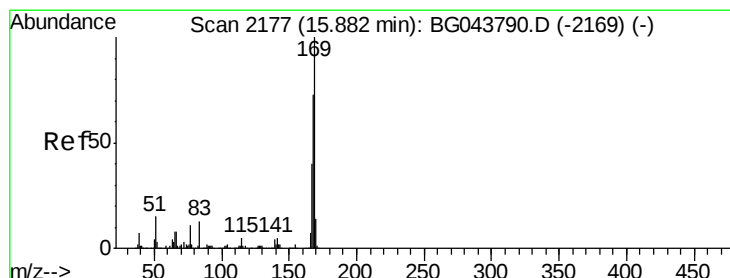
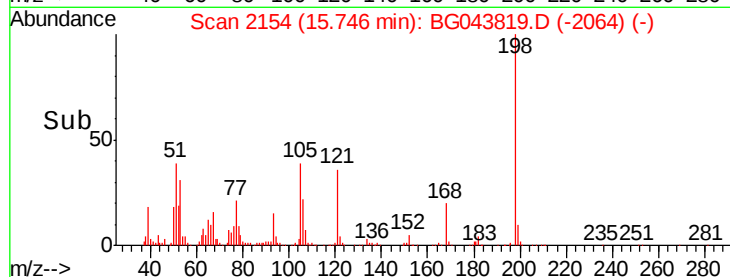
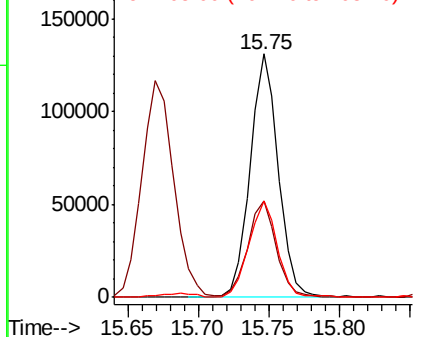
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.803 ng

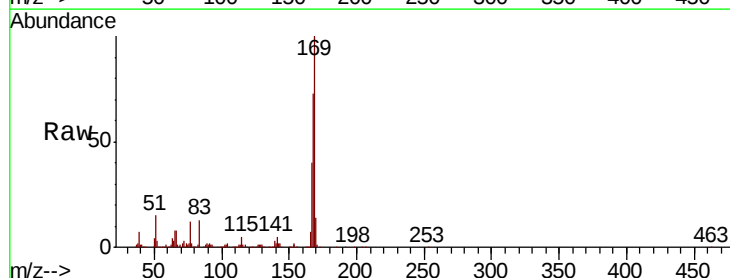
RT: 15.88 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

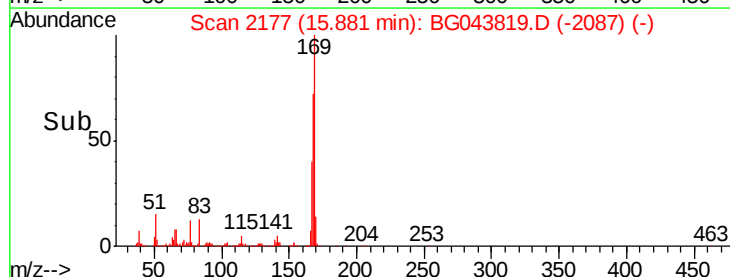
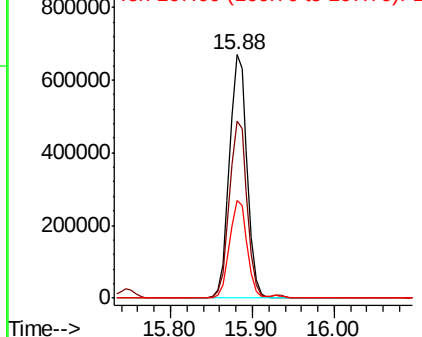
Tgt Ion:	169	Resp:	1001745
Ion Ratio	Lower	Upper	
169	100		
168	72.5	58.5	87.7
167	40.2	32.1	48.1

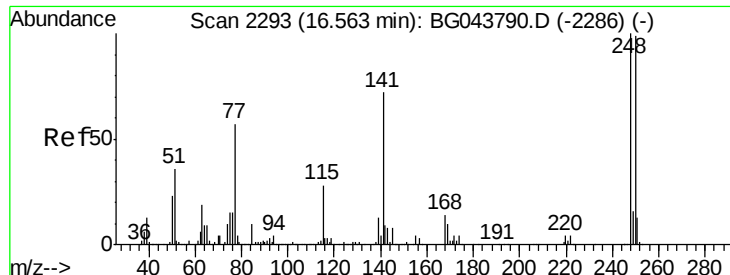


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





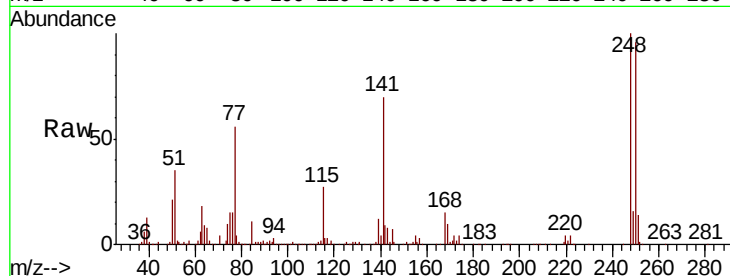
#67
4-Bromophenyl-phenylether
Concen: 38.554 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB125483BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	79.0	118.6
141	70.0	57.8	86.6

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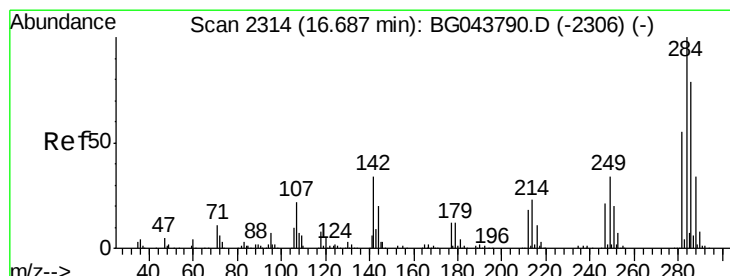
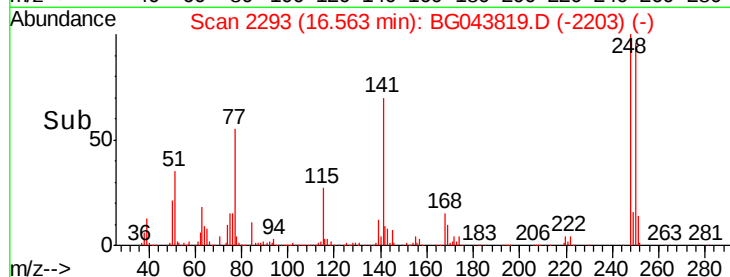
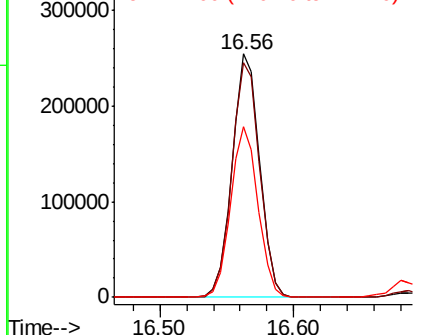


Abundance

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: 37.604 ng
RT: 16.69 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

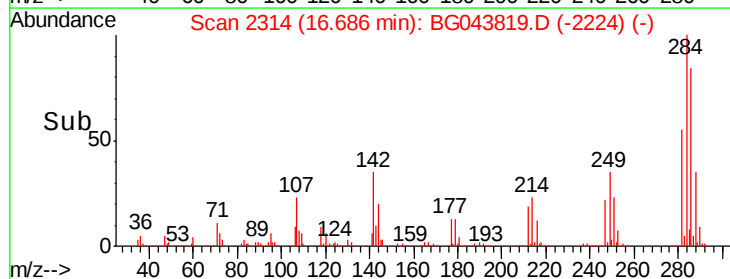
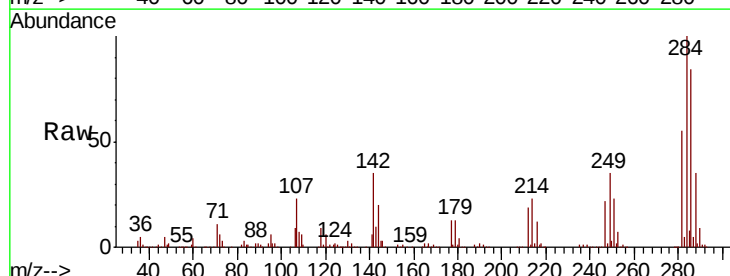
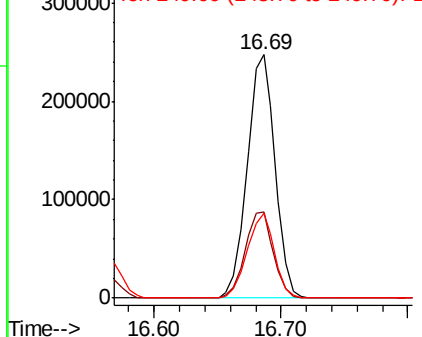
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	27.0	40.6
249	34.9	27.2	40.8

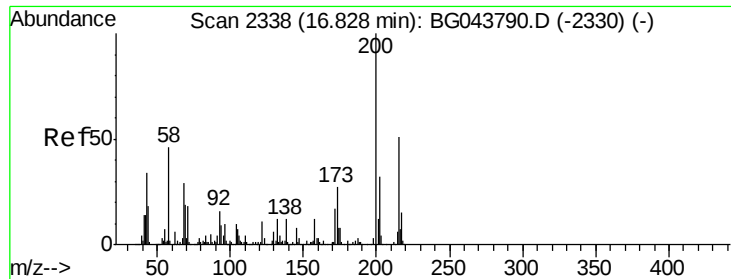
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





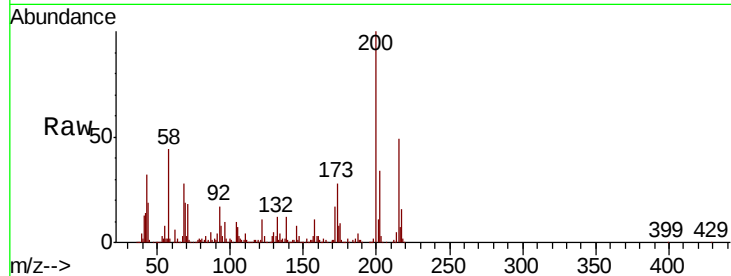
#69
Atrazine
Concen: 50.297 ng
RT: 16.83 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB125483BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	393661		
173	27.6	7.4	47.4	
215	49.3	30.5	70.5	

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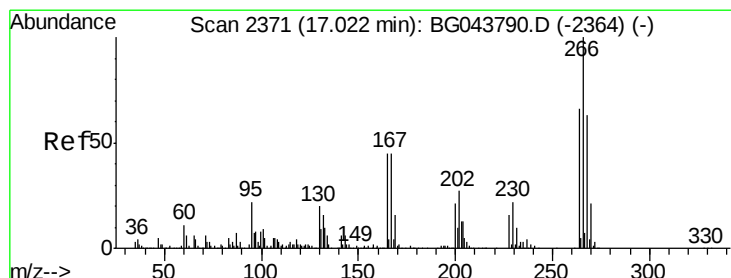
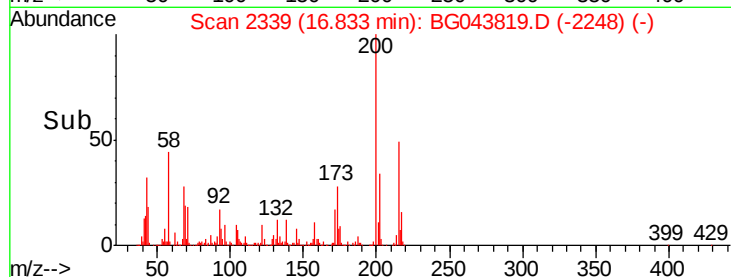
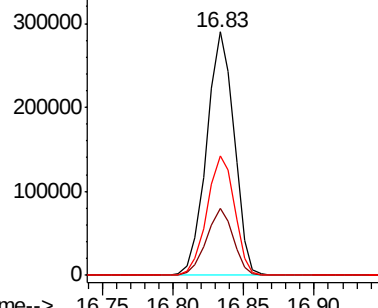


Abundance

Ion 200.00 (199.70 to 200.70): E

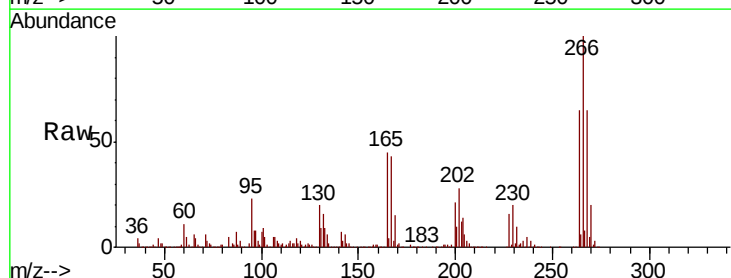
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 84.744 ng
RT: 17.03 min Scan# 2372
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	451519		
268	64.8	50.8	76.2	
264	64.6	53.0	79.4	

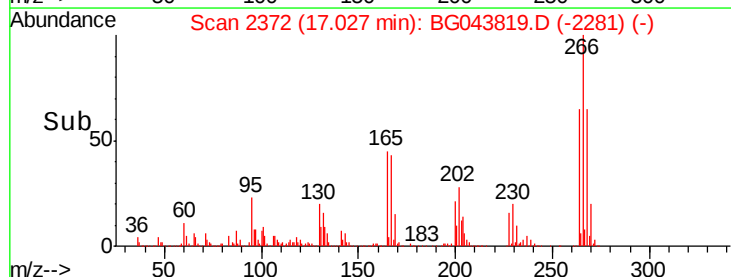
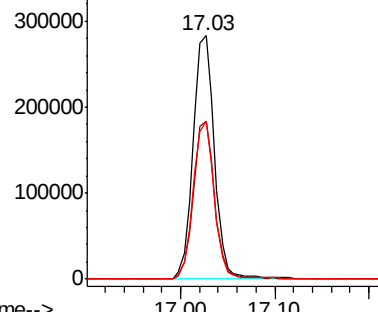


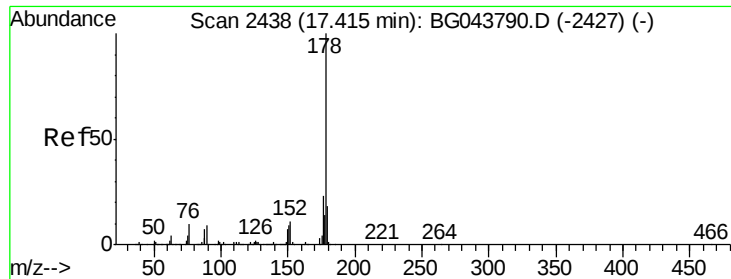
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





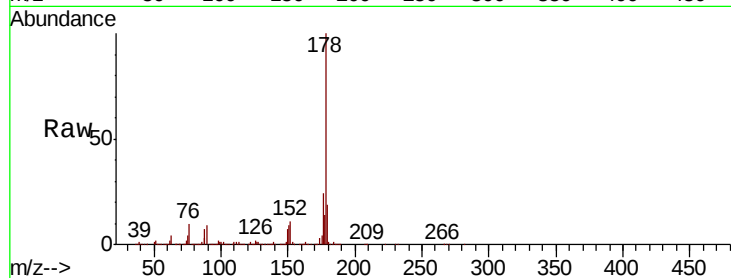
#71
Phenanthrene
Concen: 40.367 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB125483BS

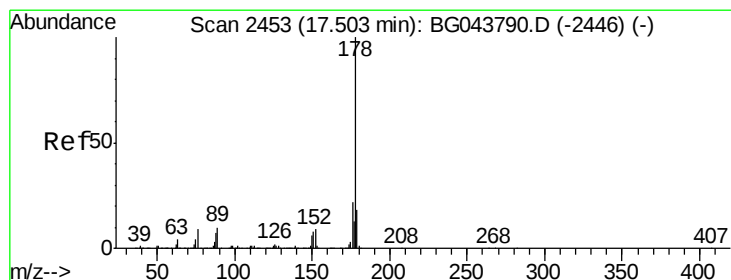
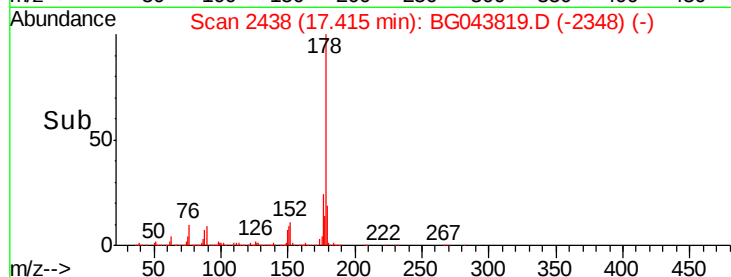
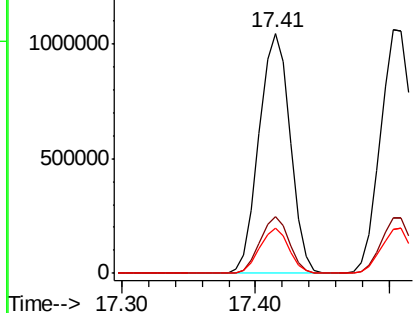
Tot Ion:178 Resp: 1688036
Ion Ratio Lower Upper
178 100
176 23.7 18.6 27.8
179 19.0 14.7 22.1

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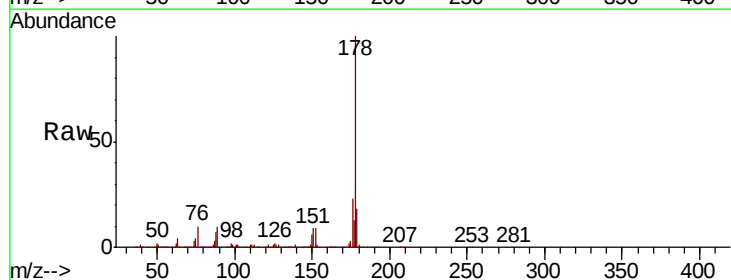


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

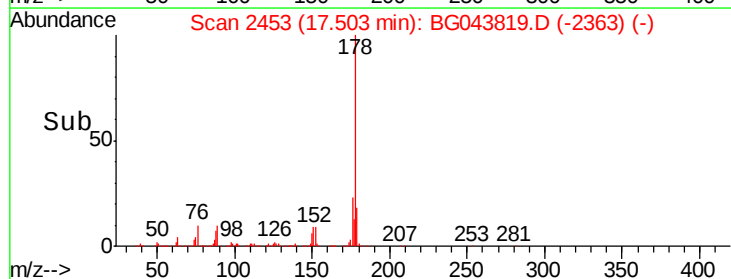
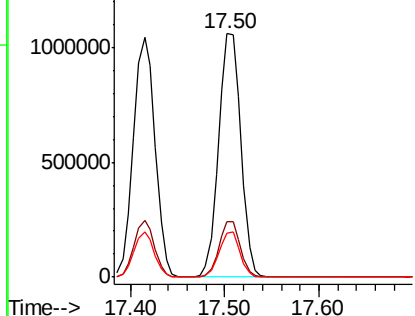


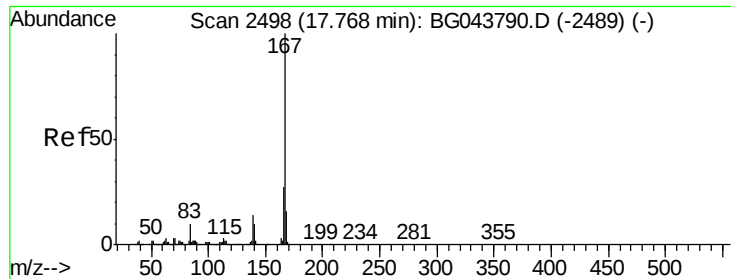
#72
Anthracene
Concen: 42.403 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion:178 Resp: 1755262
Ion Ratio Lower Upper
178 100
176 22.8 17.7 26.5
179 18.2 14.5 21.7



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





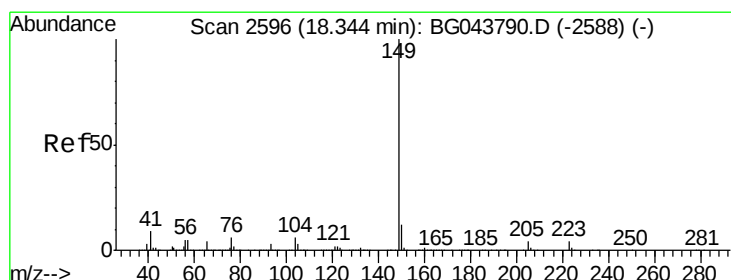
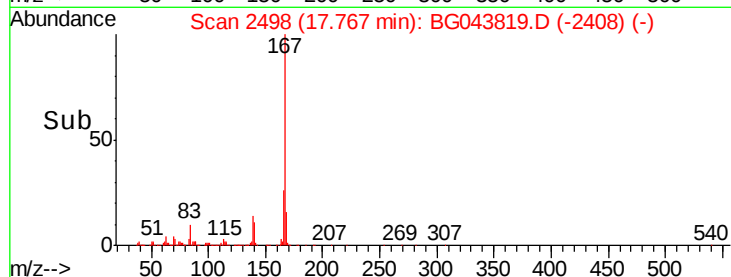
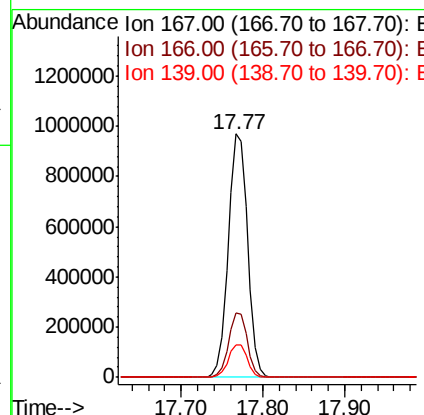
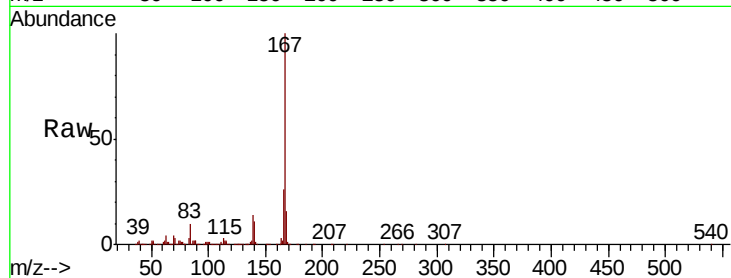
#73
 Carbazole
 Concen: 40.942 ng
 RT: 17.77 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Instrument :
 BNA_G
 ClientSampleId :
 PB125483BS

Tot Ion:167 Resp: 1584233
 Ion Ratio Lower Upper
 167 100
 166 26.5 21.4 32.2
 139 13.5 11.0 16.4

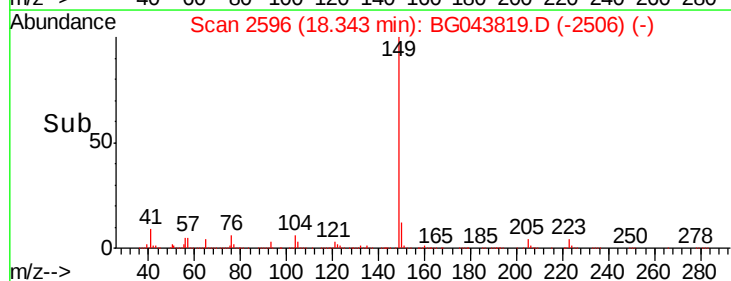
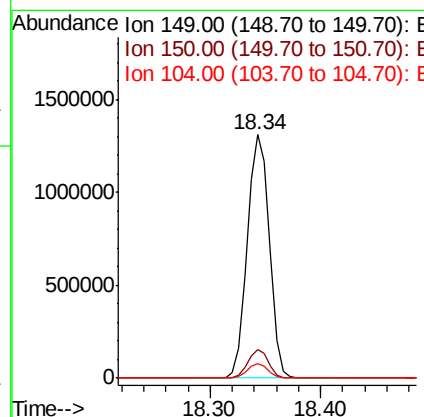
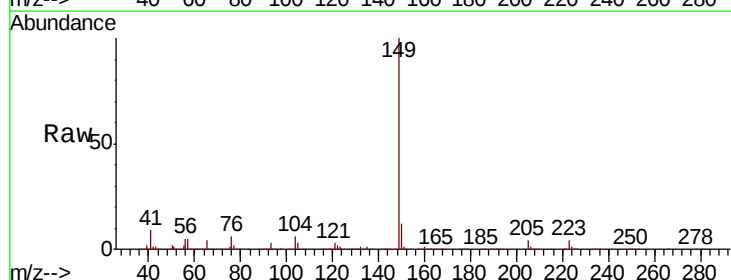
Manual Integrations
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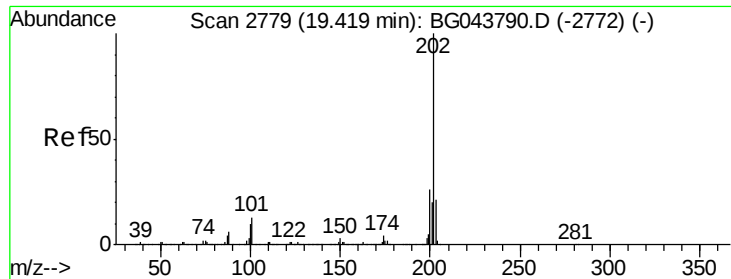
mohammad
 12/18/2019 2:40:40 PM



#74
 Di-n-butylphthalate
 Concen: 41.326 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Tgt Ion:149 Resp: 1833188
 Ion Ratio Lower Upper
 149 100
 150 11.9 9.4 14.0
 104 6.1 4.8 7.2





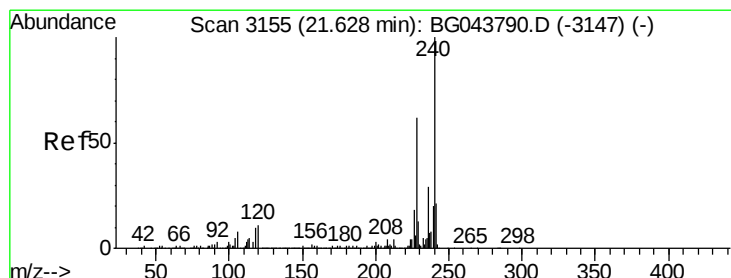
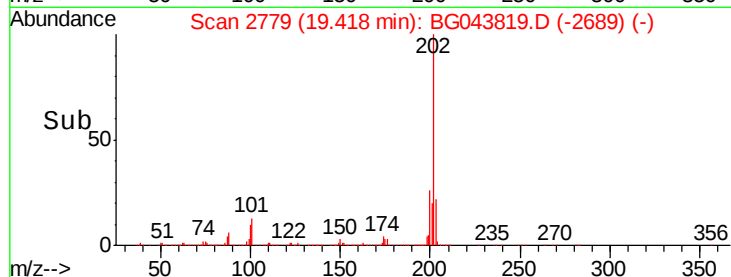
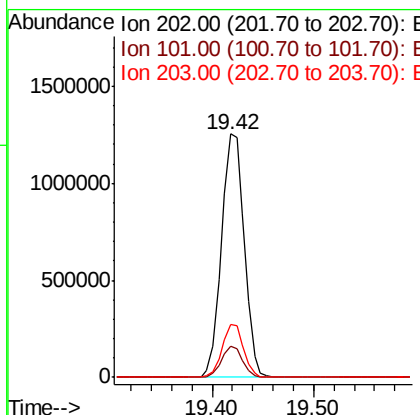
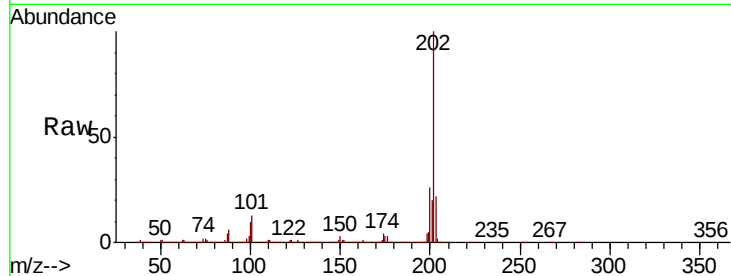
#75
Fluoranthene
Concen: 40.675 ng
RT: 19.42 min Scan# 2779
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB125483BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	32.7
203	21.9	1.0	41.0

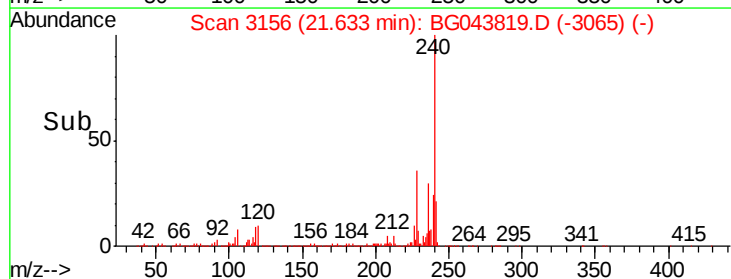
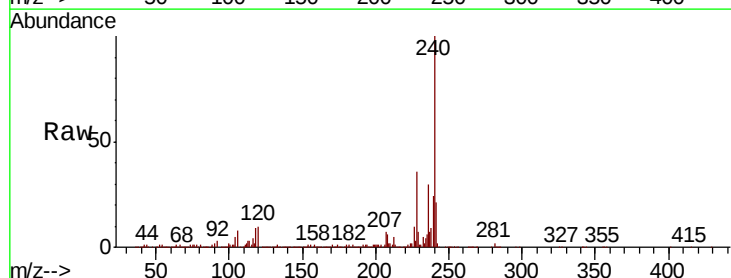
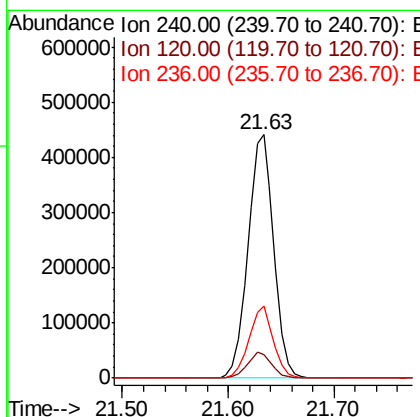
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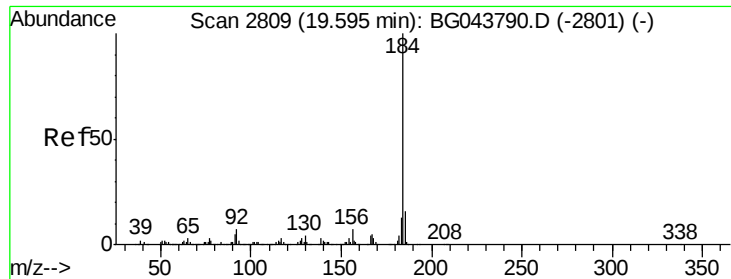
mohammad
12/18/2019 2:40:40 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.6	12.8
236	29.7	23.1	34.7





#77

Benzidine

Concen: 55.740 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

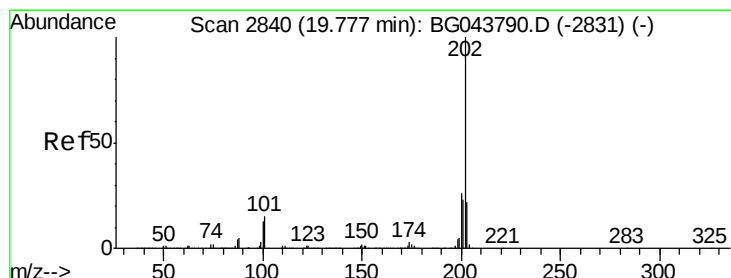
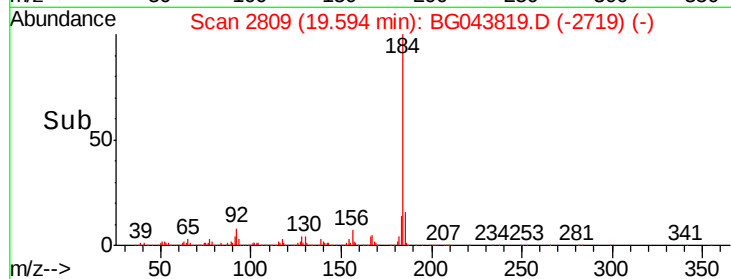
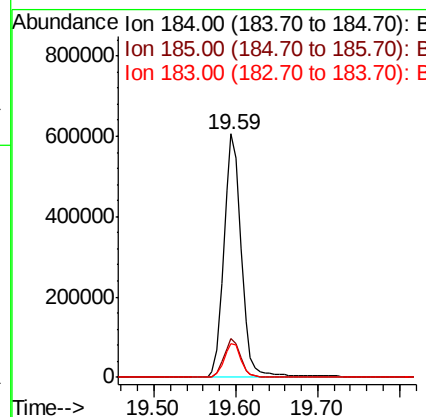
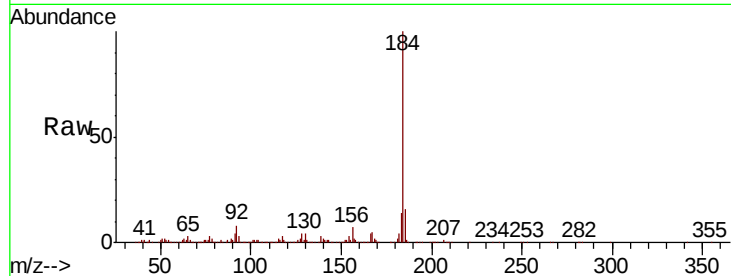
ClientSampleId :

PB125483BS

Tot Ion:	184	Resp:	905068
Ion Ratio	Lower	Upper	
184	100		
185	15.8	12.9	19.3
183	14.0	10.3	15.5

Manual Integrations
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#78

Pyrene

Concen: 40.294 ng

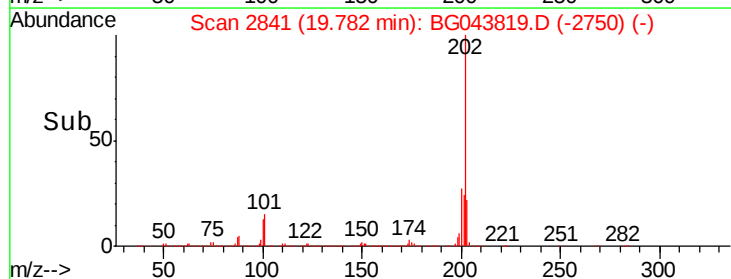
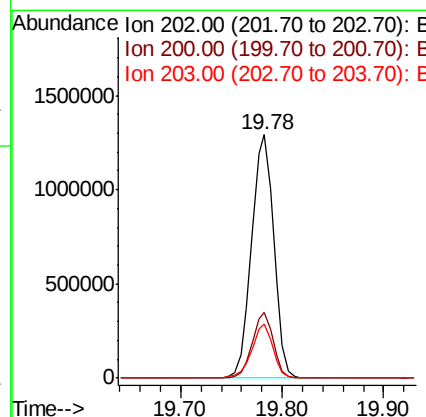
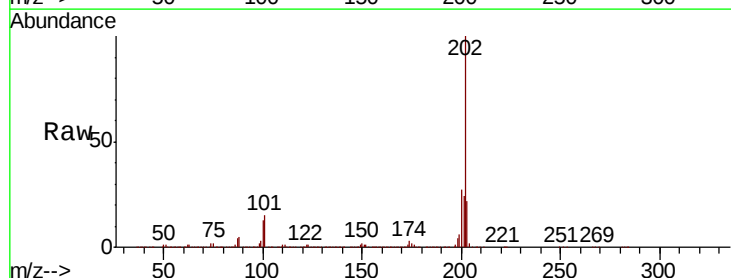
RT: 19.78 min Scan# 2841

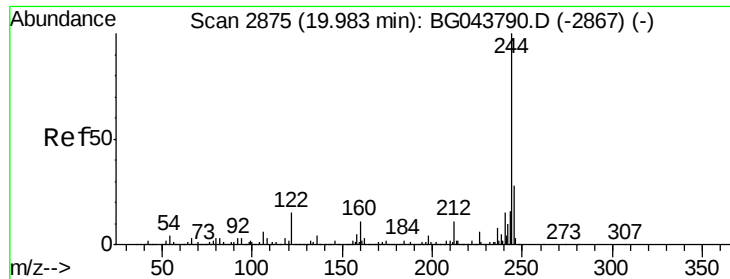
Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Tgt Ion:	202	Resp:	1959848
Ion Ratio	Lower	Upper	
202	100		
200	27.1	20.8	31.2
203	22.4	17.7	26.5





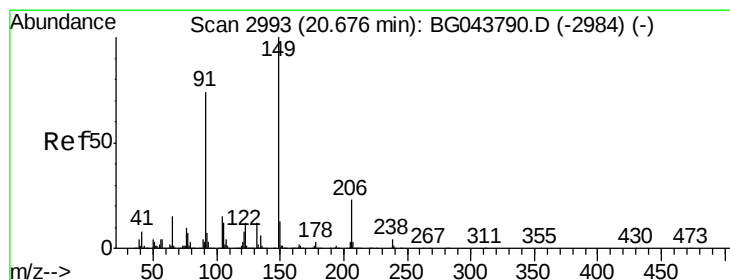
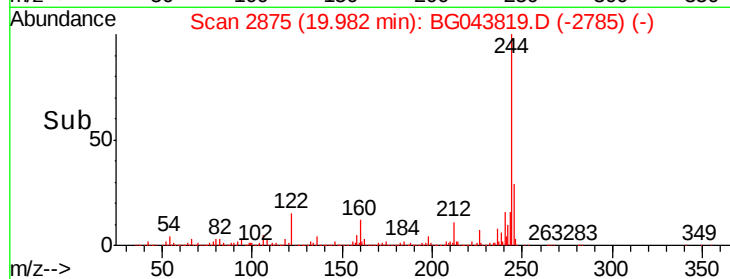
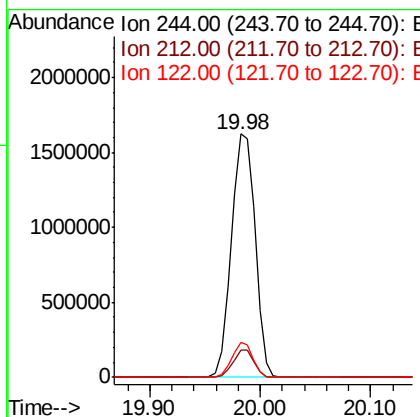
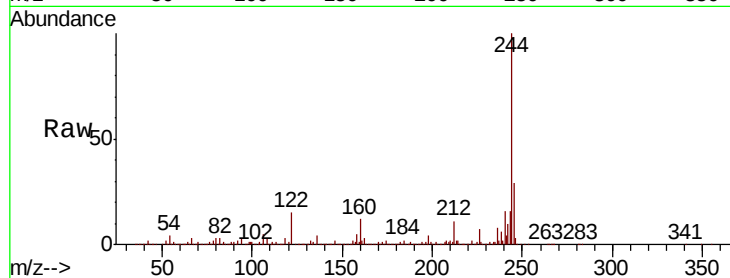
#79
 Terphenyl-d14
 Concen: 79.527 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Instrument :
 BNA_G
 ClientSampleId :
 PB125483BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	11.3	9.1	13.7
122	14.6	11.6	17.4

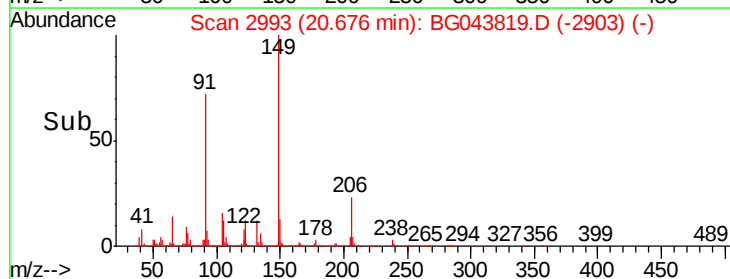
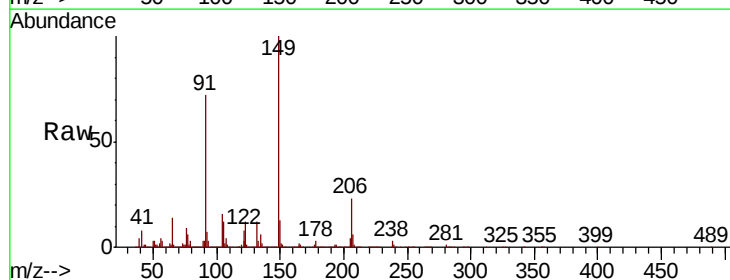
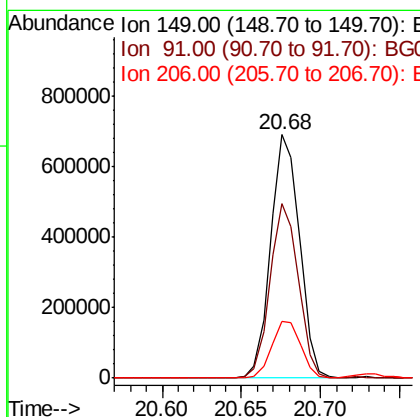
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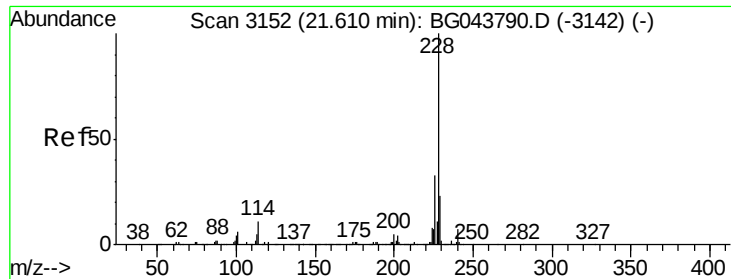
mohammad
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#80
 Butylbenzylphthalate
 Concen: 43.161 ng
 RT: 20.68 min Scan# 2993
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.9	59.0	88.4
206	23.4	18.6	28.0





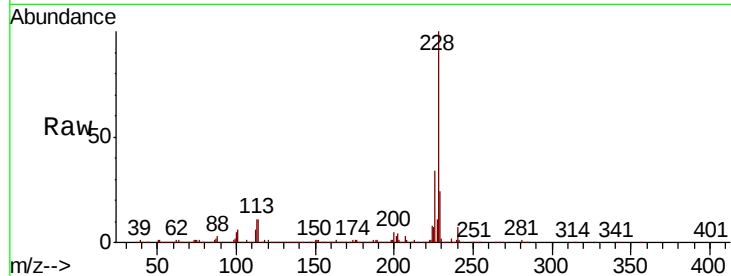
#81
Benzo(a)anthracene
Concen: 40.463 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB125483BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.7	26.1	39.1
229	23.6	18.6	27.8

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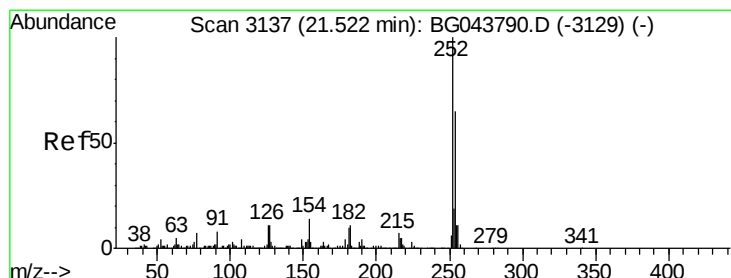
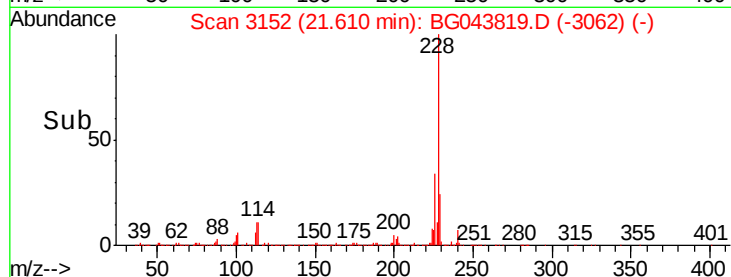
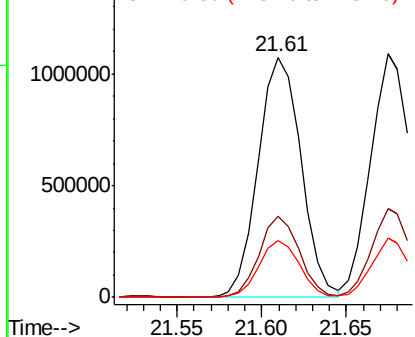


Abundance

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



#82
3,3'-Dichlorobenzidine
Concen: 32.607 ng
RT: 21.53 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

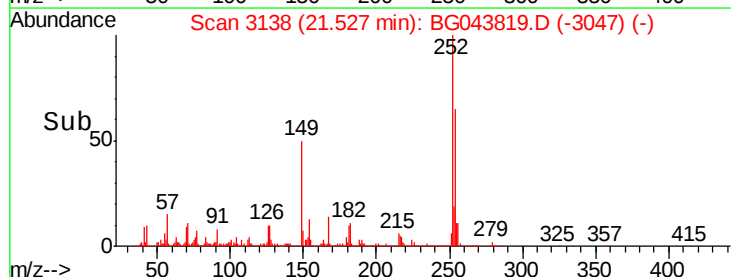
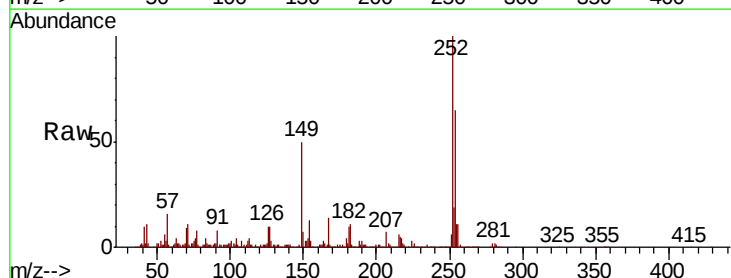
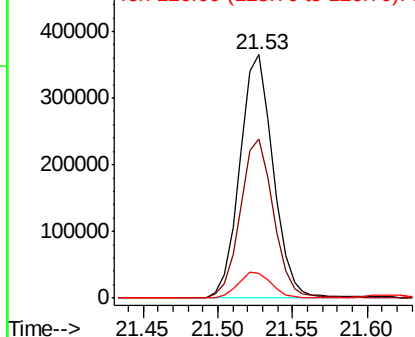
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.2	78.2
126	10.4	8.7	13.1

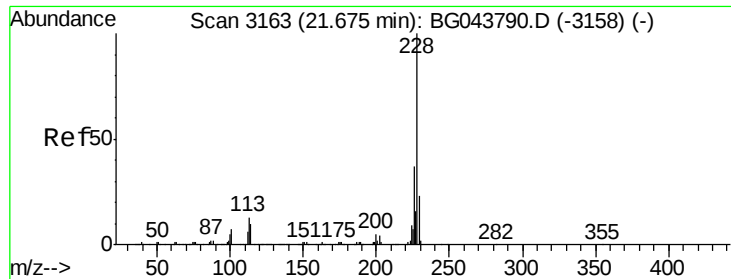
Abundance

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

Chrvsene

Concen: 40.154 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

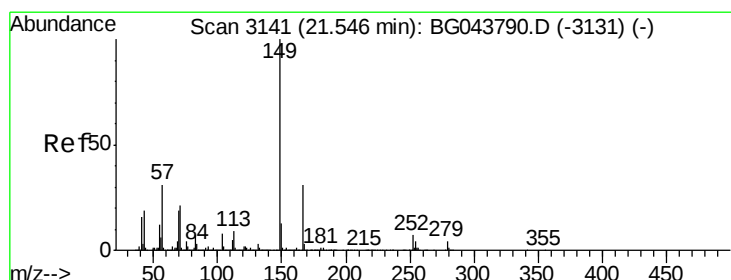
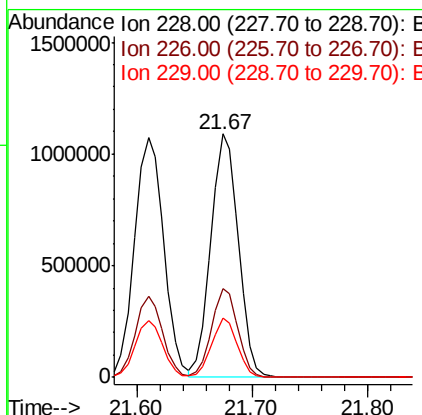
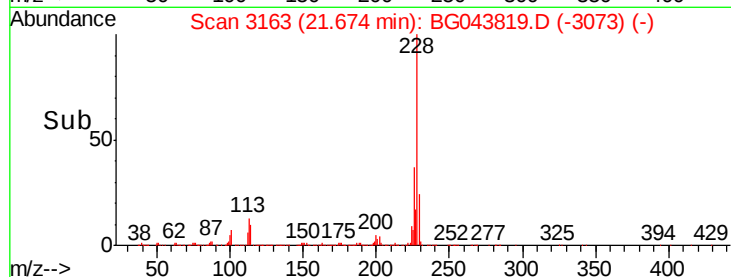
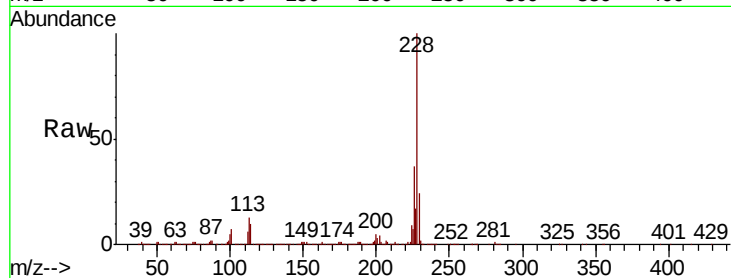
ClientSampled :

PB125483BS

Tot Ion:	228	Resp:	1797040
Ion	Ratio	Lower	Upper
228	100		
226	36.6	29.1	43.7
229	24.2	18.6	28.0

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#84

Bis(2-ethylhexyl)phthalate

Concen: 41.391 ng

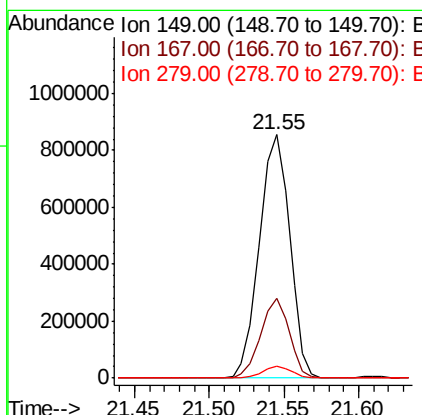
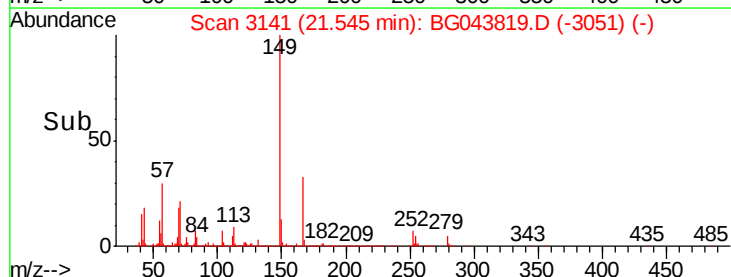
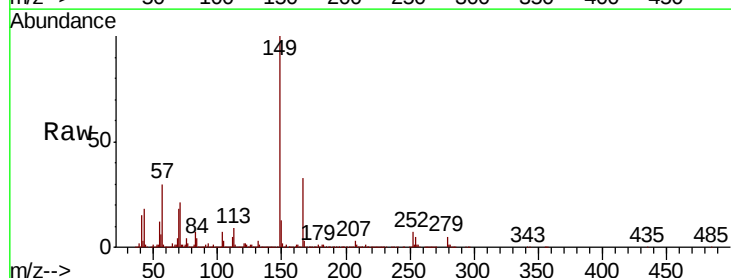
RT: 21.55 min Scan# 3141

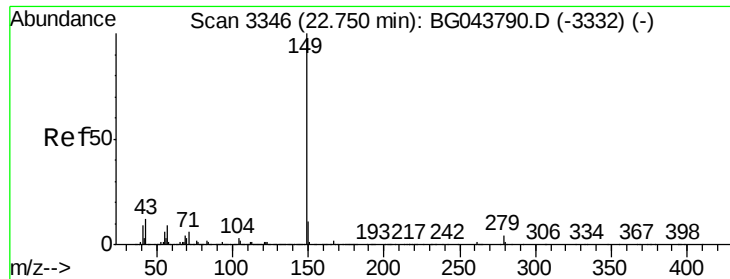
Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Tgt Ion:	149	Resp:	1202674
Ion	Ratio	Lower	Upper
149	100		
167	32.7	25.1	37.7
279	4.9	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 43.682 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampleId :

PB125483BS

Tot Ion:149 Resp: 2074940

Ion Ratio Lower Upper

149 100

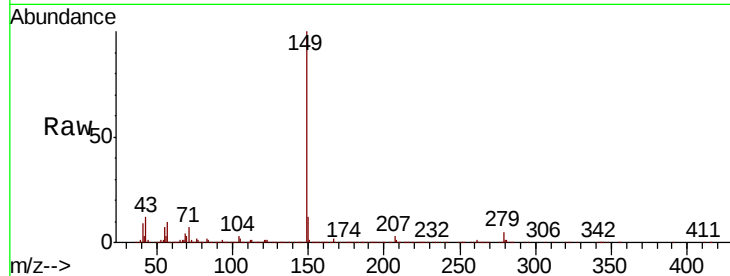
167 1.9 1.4 2.2

43 10.9 8.8 13.2

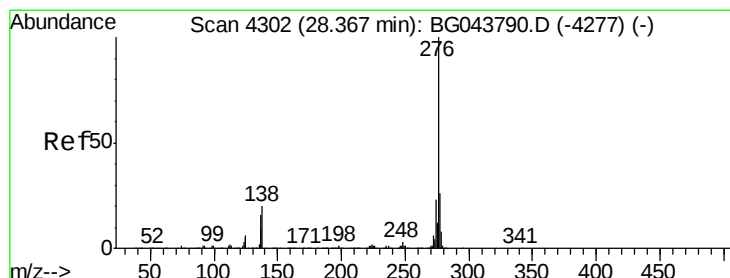
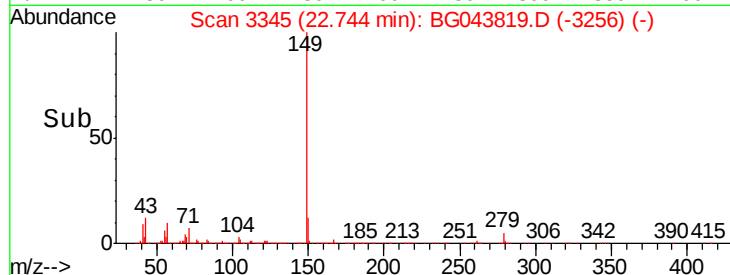
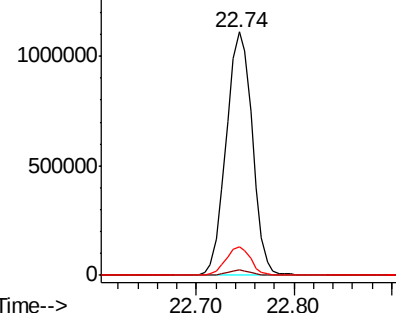
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Abundance Ion 149.00 (148.70 to 149.70): E
1500000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.958 ng

RT: 28.38 min Scan# 4304

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

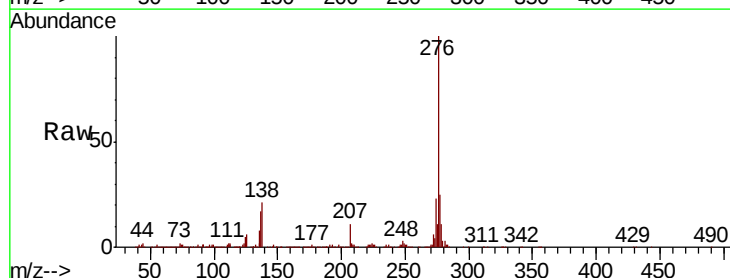
Tgt Ion:276 Resp: 2002424

Ion Ratio Lower Upper

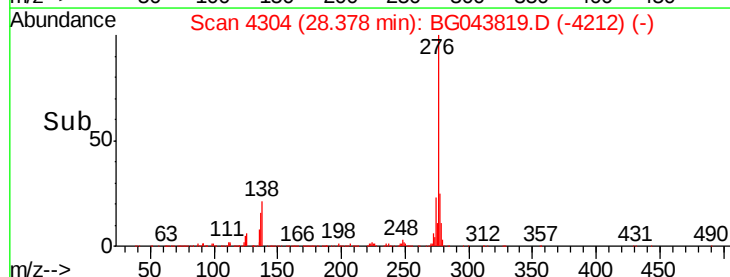
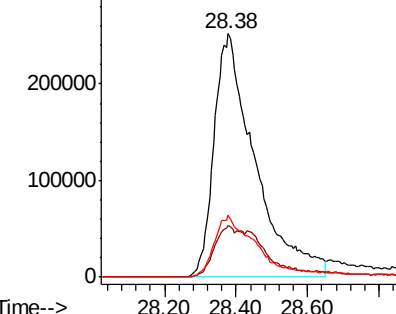
276 100

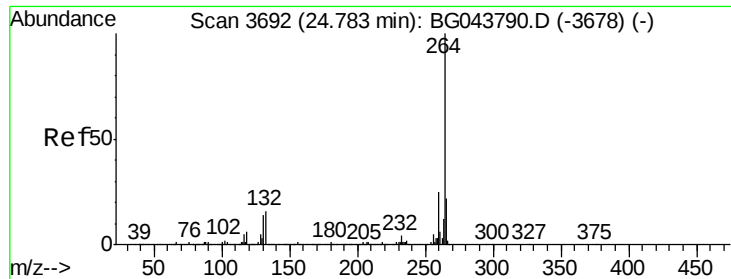
138 14.3 14.6 21.8#

277 25.5 21.2 31.8



Abundance Ion 276.00 (275.70 to 276.70): E
300000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

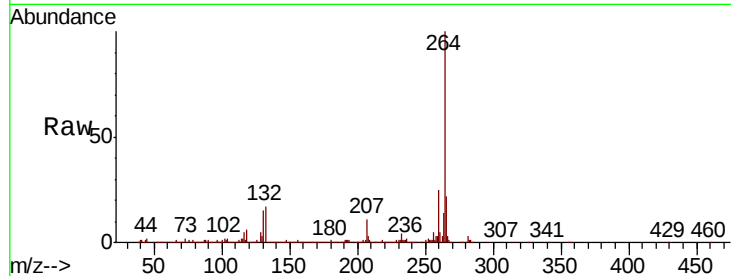
ClientSampleId :

PB125483BS

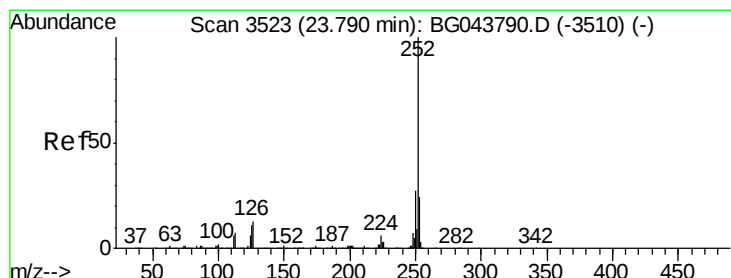
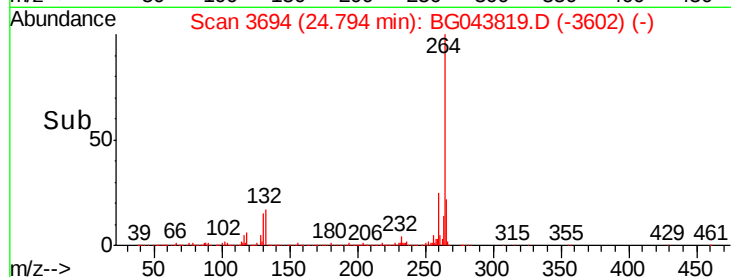
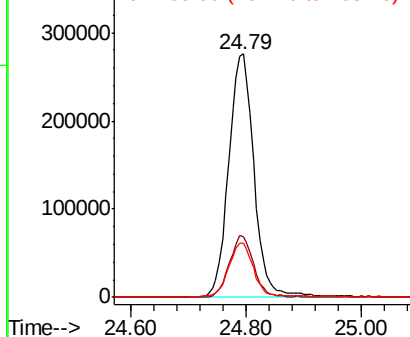
Tot Ion:	264	Resp:	838563
Ion Ratio		Lower	Upper
264	100		
260	24.7	19.8	29.8
265	22.1	17.9	26.9

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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: 39.235 ng

RT: 23.80 min Scan# 3524

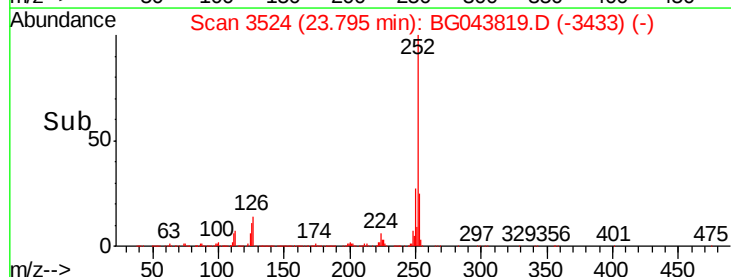
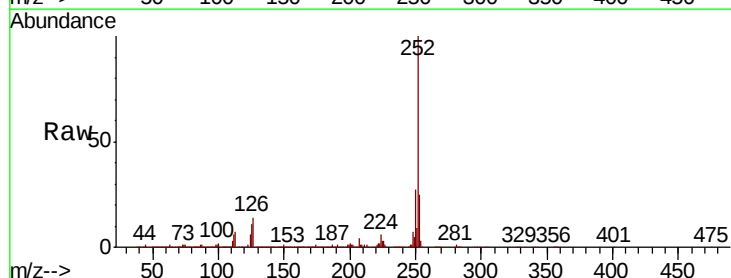
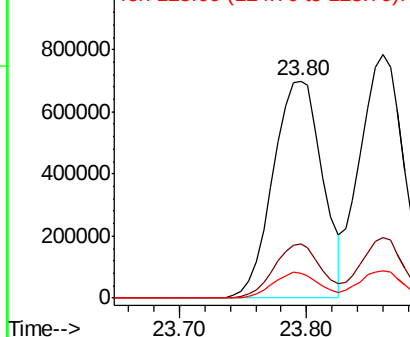
Delta R.T. 0.01 min

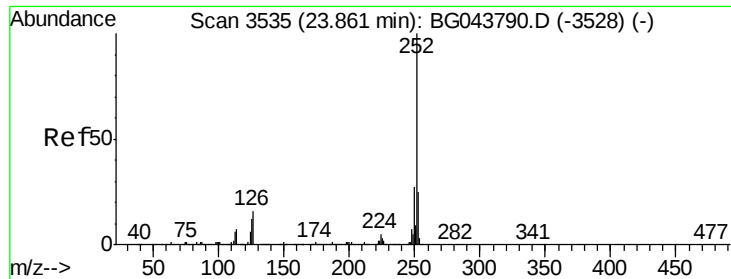
Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Tgt Ion:	252	Resp:	1894321
Ion Ratio		Lower	Upper
252	100		
253	24.8	19.5	29.3
125	11.3	9.0	13.4

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: 41.184 ng

RT: 23.86 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampleId :

PB125483BS

Tot Ion:252 Resp: 1920808

Ion Ratio Lower Upper

252 100

253 24.8 19.4 29.0

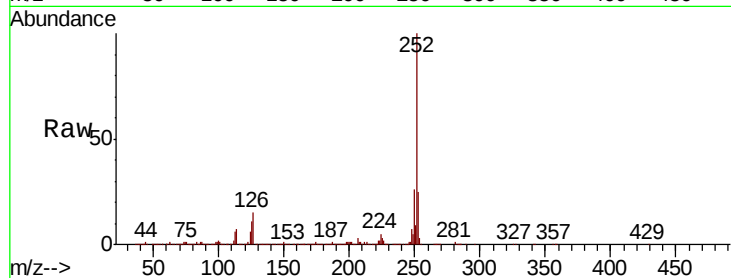
125 11.3 8.9 13.3

Manual Integrations

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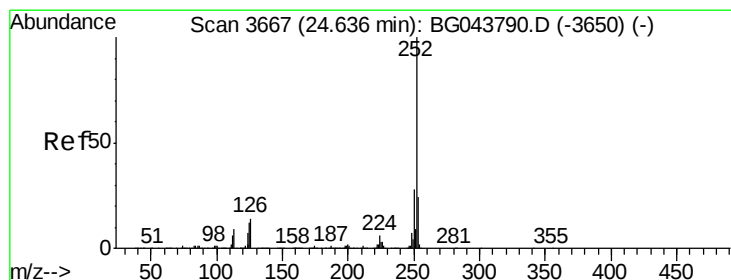
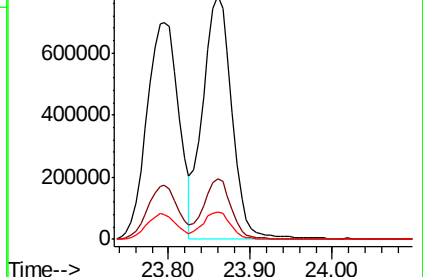
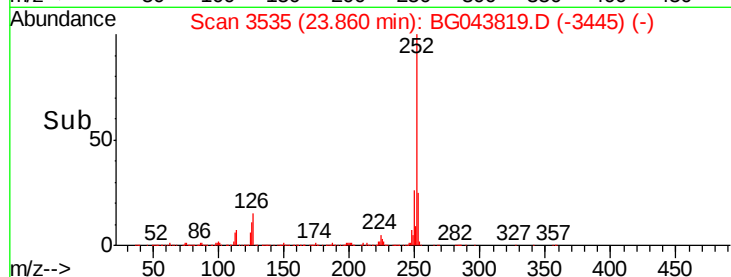
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.114 ng

RT: 24.65 min Scan# 3669

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

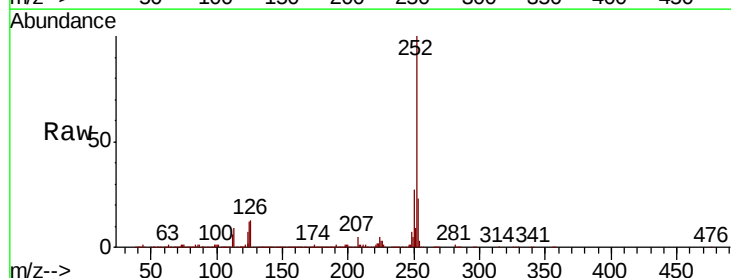
Tgt Ion:252 Resp: 1799715

Ion Ratio Lower Upper

252 100

253 23.4 19.1 28.7

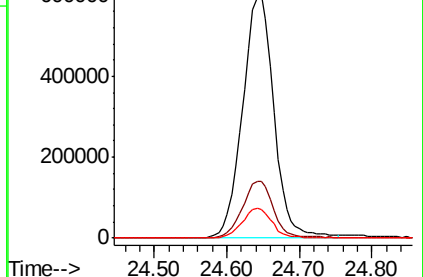
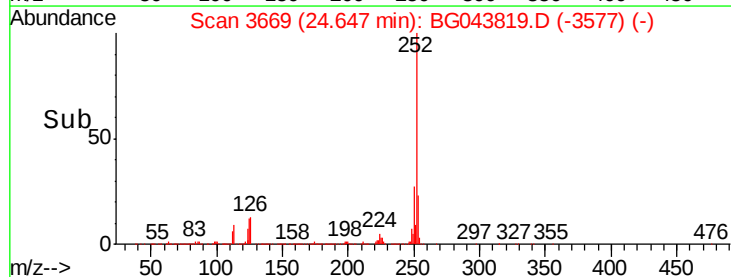
125 11.9 9.4 14.0

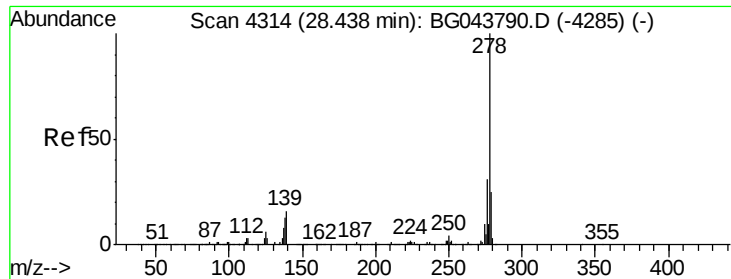


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





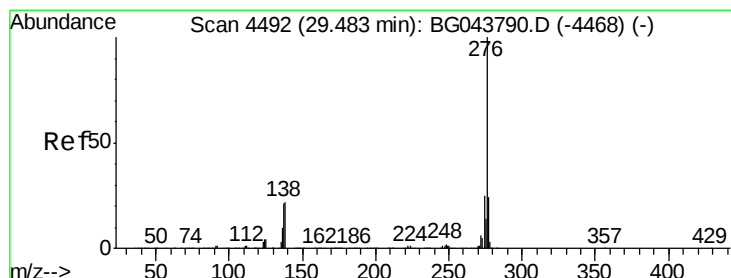
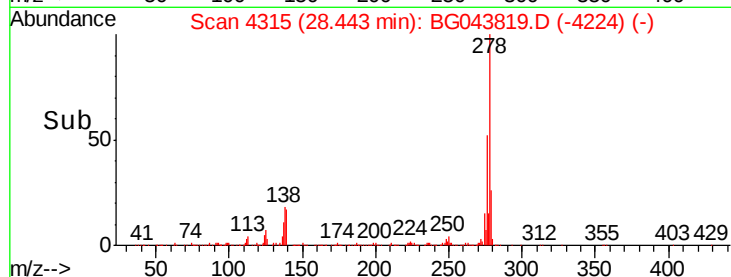
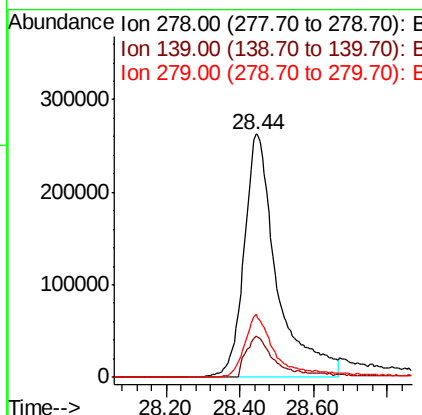
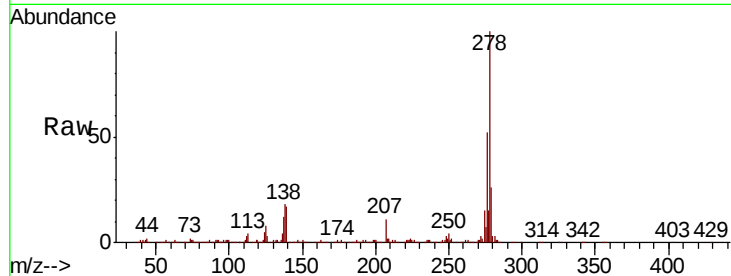
#91
Dibenzo(a,h)anthracene
Concen: 35.528 ng
RT: 28.44 min Scan# 4315
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :
PB125483BS

Tot Ion:278 Resp: 1632819
Ion Ratio Lower Upper
278 100
139 16.9 13.2 19.8
279 26.1 19.8 29.6

Manual Integrations
APPROVED

mohammad
12/18/2019 2:40:40 PM



#92
Benzo(g,h,i)perylene
Concen: 35.021 ng
RT: 29.49 min Scan# 4493
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion:276 Resp: 1588276
Ion Ratio Lower Upper
276 100
277 24.7 19.3 28.9
138 22.5 17.6 26.4

