

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043823.D
 Acq On : 17 Dec 2019 17:22
 Operator : JU
 Sample : PB125517BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125517BS

Manual Integrations
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 12/18/2019 2:40:45 PM

Quant Time: Dec 18 01:26:33 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	108460	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	495928	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	376898	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	885644	20.00	ng	0.00
76) Chrysene-d12	21.63	240	758676	20.00	ng	0.00
87) Perylene-d12	24.79	264	791361	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	769680	134.46	ng	0.00
7) Phenol-d6	7.17	99	1076984	130.46	ng	0.01
23) Nitrobenzene-d5	9.16	82	668856	75.73	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	463610	129.03	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1612167	75.14	ng	0.00
79) Terphenyl-d14	19.99	244	2430442	77.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	99020	37.354	ng	98
3) Pyridine	3.88	79	253585	34.619	ng	99
4) n-Nitrosodimethylamine	3.79	42	137016	39.012	ng	94
6) Aniline	7.32	93	367402	33.634	ng	98
8) 2-Chlorophenol	7.57	128	333353	49.971	ng	97
9) Benzaldehyde	7.13	77	225408	55.359	ng	91
10) Phenol	7.20	94	429992	50.450	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	298122	41.222	ng	95
12) 1,3-Dichlorobenzene	7.90	146	326517	40.844	ng	99
13) 1,4-Dichlorobenzene	8.04	146	331900	41.535	ng	98
14) 1,2-Dichlorobenzene	8.36	146	318226	41.333	ng	99
15) Benzyl Alcohol	8.24	79	304374	46.329	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.54	45	452667	39.053	ng	98
17) 2-Methylphenol	8.45	107	307837	50.597	ng	100
18) Hexachloroethane	9.09	117	119384	41.115	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	259032	41.042	ng	99
20) 3+4-Methylphenols	8.77	107	431099	50.887	ng	98
22) Acetophenone	8.82	105	466558	37.723	ng	99
24) Nitrobenzene	9.20	77	363113	40.360	ng	97
25) Isophorone	9.73	82	708950	40.190	ng	98
26) 2-Nitrophenol	9.91	139	178467	50.258	ng	98
27) 2,4-Dimethylphenol	9.98	122	345031	55.351	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	447370	39.620	ng	100
29) 2,4-Dichlorophenol	10.45	162	368799	48.178	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	344520	38.020	ng	100
31) Naphthalene	10.86	128	993664	41.757	ng	99
32) Benzoic acid	10.10	122	192536	45.026	ng	98
33) 4-Chloroaniline	10.95	127	275674	23.894	ng	100
34) Hexachlorobutadiene	11.15	225	195869	35.674	ng	96
35) Caprolactam	11.72	113	147400m	49.065	ng	
36) 4-Chloro-3-methylphenol	12.08	107	406683	49.349	ng	100
37) 2-Methylnaphthalene	12.46	142	795015	43.104	ng	99
38) 1-Methylnaphthalene	12.68	142	757607	43.197	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	399337	35.260	ng	98

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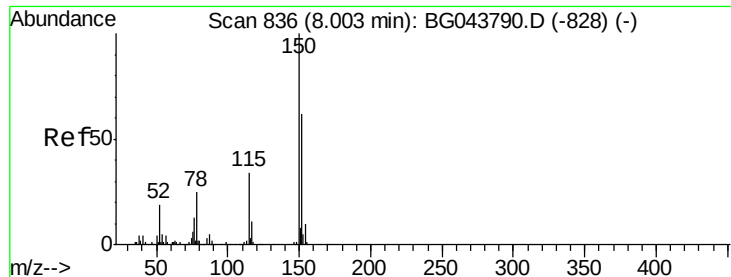
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	473851	89.140	nq	100
43) 2,4,6-Trichlorophenol	13.06	196	324647	45.100	nq	98
44) 2,4,5-Trichlorophenol	13.14	196	360846	47.848	nq	99
46) 1,1'-Biphenyl	13.47	154	1014488	39.043	nq	100
47) 2-Chloronaphthalene	13.51	162	818012	38.509	nq	99
48) 2-Nitroaniline	13.70	65	275043	43.904	nq	95
49) Acenaphthylene	14.35	152	1337893	42.281	nq	98
50) Dimethylphthalate	14.09	163	1104843	41.071	nq	99
51) 2,6-Dinitrotoluene	14.19	165	264051	45.548	nq	97
52) Acenaphthene	14.69	154	945269	45.409	nq	98
53) 3-Nitroaniline	14.52	138	194995	29.393	nq	93
54) 2,4-Dinitrophenol	14.73	184	260131	99.553	nq	92
55) Dibenzofuran	15.03	168	1305064	42.353	nq	99
56) 4-Nitrophenol	14.83	139	495295	102.336	nq	99
57) 2,4-Dinitrotoluene	14.98	165	369780	47.206	nq	96
58) Fluorene	15.67	166	1061780	42.750	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	325277m	48.071	nq	
60) Diethylphthalate	15.45	149	1124939	41.865	nq	100
61) 4-Chlorophenyl-phenylether	15.67	204	576020	41.411	nq	98
62) 4-Nitroaniline	15.69	138	277019	40.301	nq	99
63) Azobenzene	15.96	77	1052266	42.627	nq	100
65) 4,6-Dinitro-2-methylphenol	15.75	198	186167	53.200	nq	96
66) n-Nitrosodiphenylamine	15.88	169	1011741	41.102	nq	98
67) 4-Bromophenyl-phenylether	16.56	248	372300	39.319	nq	98
68) Hexachlorobenzene	16.69	284	385463	38.383	nq	99
69) Atrazine	16.83	200	399133	50.863	nq	99
70) Pentachlorophenol	17.03	266	473825	88.698	nq	98
71) Phenanthrene	17.41	178	1714271	40.887	nq	99
72) Anthracene	17.50	178	1759557	42.396	nq	99
73) Carbazole	17.77	167	1598472	41.202	nq	99
74) Di-n-butylphthalate	18.34	149	1831812	41.187	nq	100
75) Fluoranthene	19.42	202	1973059	41.118	nq	98
77) Benzidine	19.59	184	831860	50.259	nq	99
78) Pyrene	19.78	202	1991548	40.168	nq	97
80) Butylbenzylphthalate	20.67	149	888406	43.023	nq	97
81) Benzo(a)anthracene	21.61	228	1940282	40.521	nq	98
82) 3,3'-Dichlorobenzidine	21.53	252	573431	32.418	nq	99
83) Chrysene	21.67	228	1834136	40.205	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	1222405	41.272	nq	99
85) Di-n-octyl phthalate	22.74	149	2102104	43.413	nq	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	2040435	34.945	nq	# 93
88) Benzo(b)fluoranthene	23.79	252	1959167	42.999	nq	99
89) Benzo(k)fluoranthene	23.86	252	1956586	44.453	nq	99
90) Benzo(a)pyrene	24.64	252	1859972	42.835	nq	99
91) Dibenzo(a,h)anthracene	28.44	278	1839414	42.411	nq	99
92) Benzo(g,h,i)perylene	29.49	276	1650121	38.555	nq	98

(#) = 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: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA_G

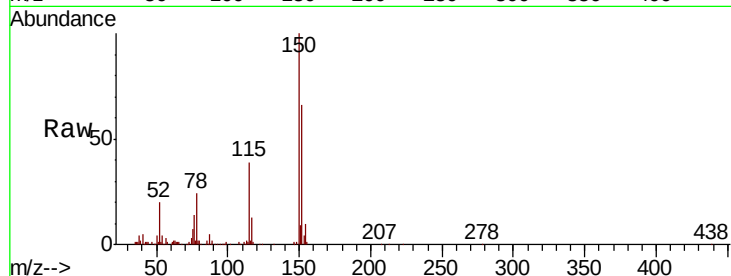
ClientSampleId :

PB125517BS

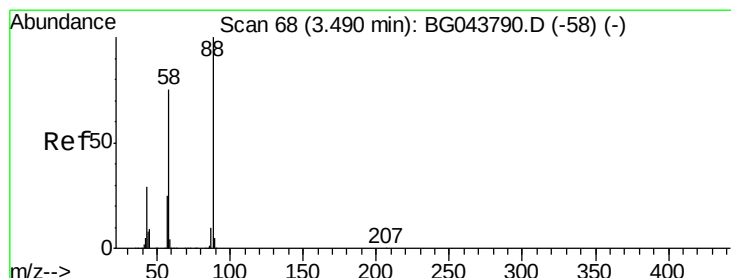
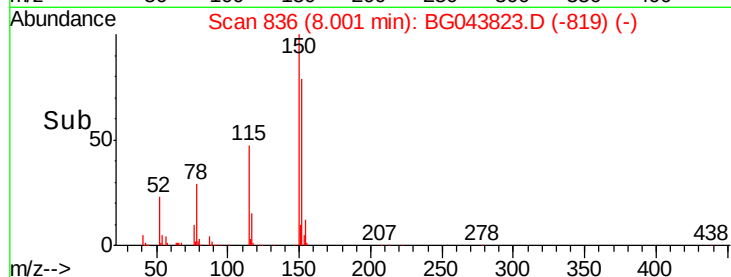
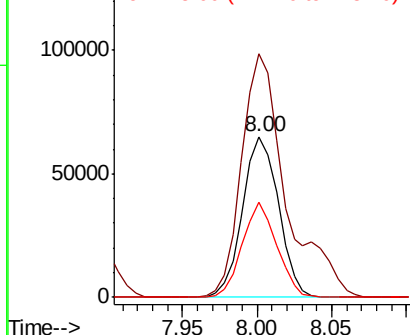
Tot Ion:	152	Resp:	108460
Ion	Ratio	Lower	Upper
152	100		
150	151.7	128.6	192.8
115	59.2	44.3	66.5

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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: 37.354 ng

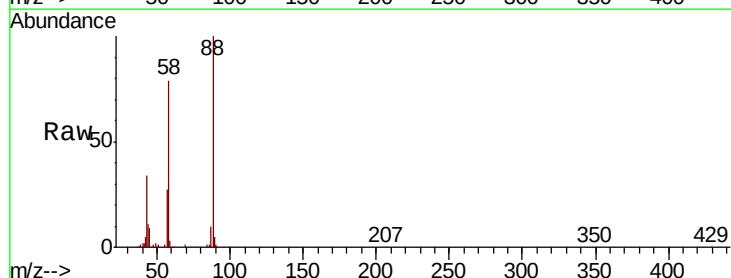
RT: 3.48 min Scan# 67

Delta R.T. -0.01 min

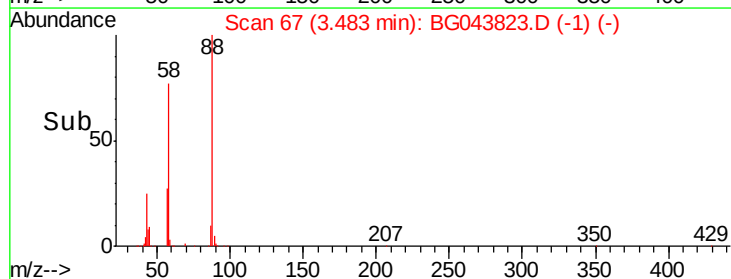
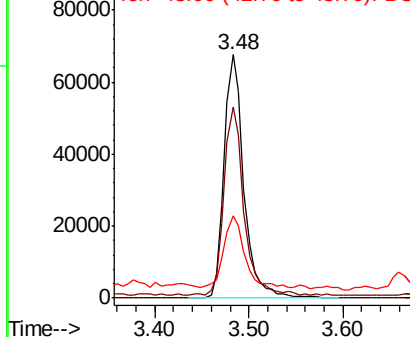
Lab File: BG043823.D

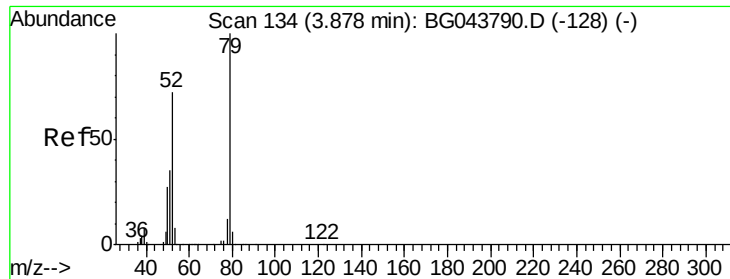
Acq: 17 Dec 2019 17:22

Tgt Ion:	88	Resp:	99020
Ion	Ratio	Lower	Upper
88	100		
58	79.5	62.2	93.4
43	29.9	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: 34.619 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA_G

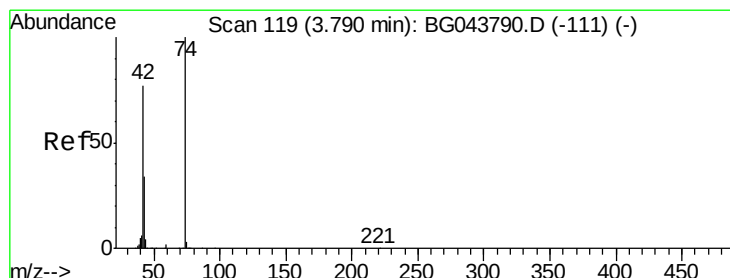
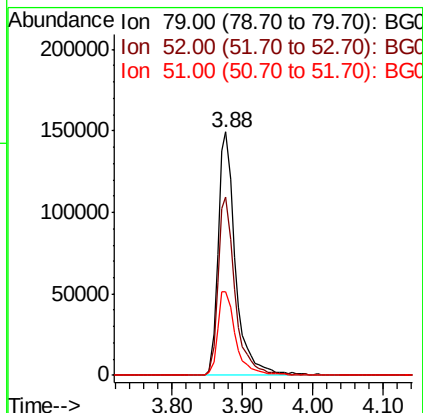
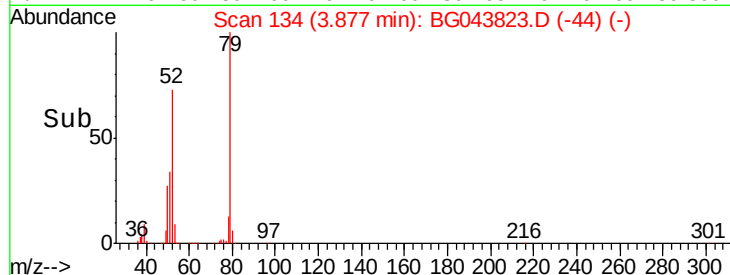
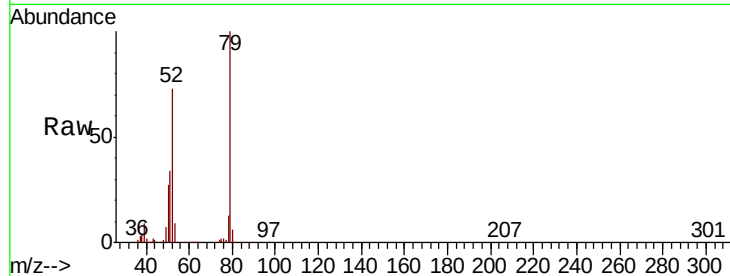
ClientSampleId :

PB125517BS

Tot Ion:	79	Resp:	253585
Ion Ratio	Lower	Upper	
79	100		
52	73.1	57.6	86.4
51	34.5	27.8	41.8

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#4

n-Nitrosodimethylamine

Concen: 39.012 ng

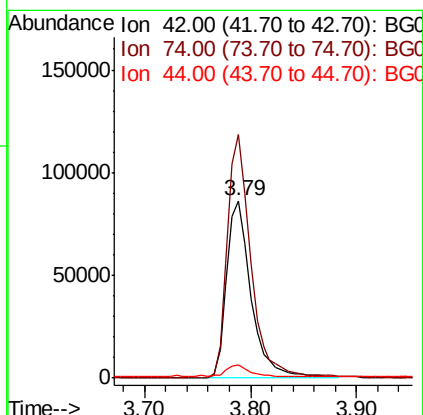
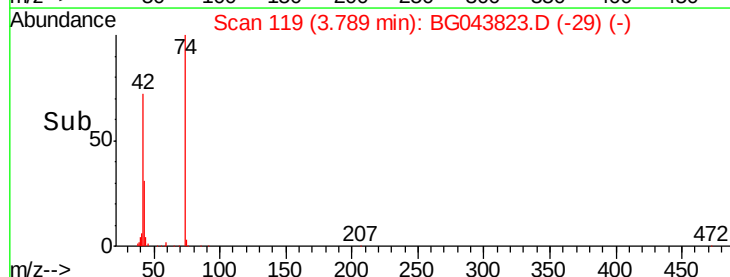
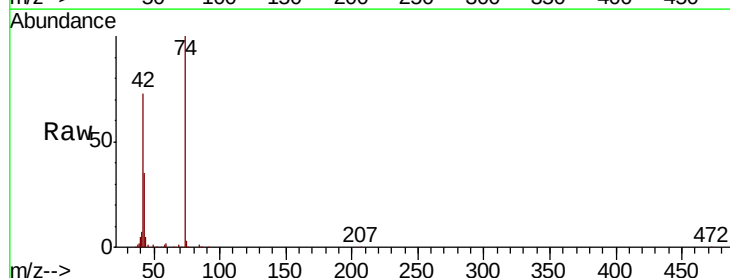
RT: 3.79 min Scan# 119

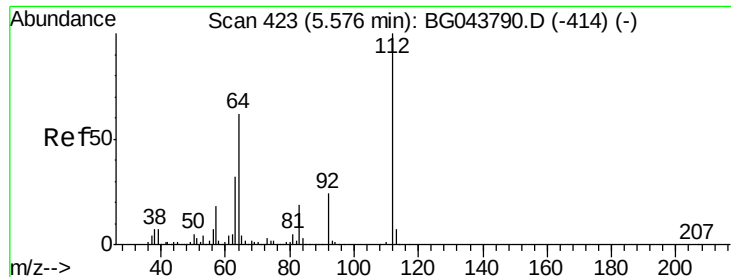
Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Tgt Ion:	42	Resp:	137016
Ion Ratio	Lower	Upper	
42	100		
74	137.2	104.2	156.4
44	7.1	5.6	8.4





#5

2-Fluorophenol

Concen: 134.458 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA_G

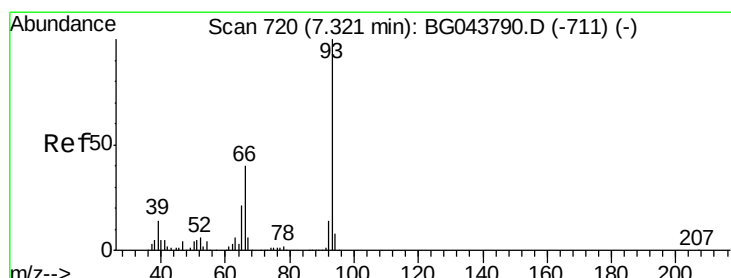
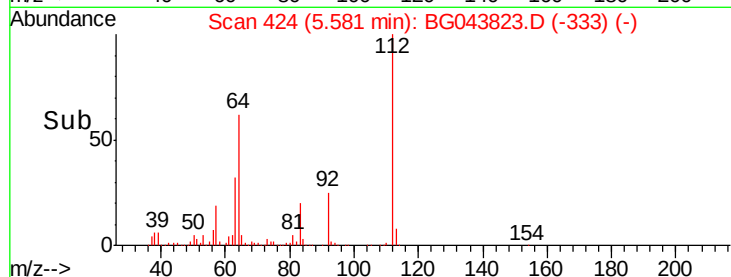
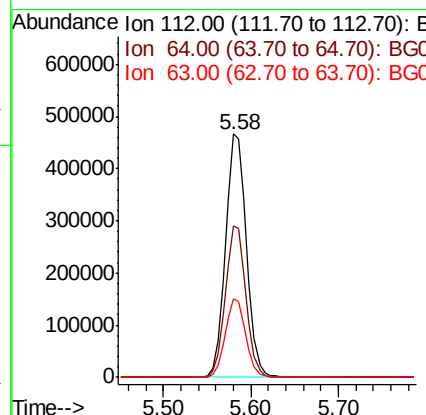
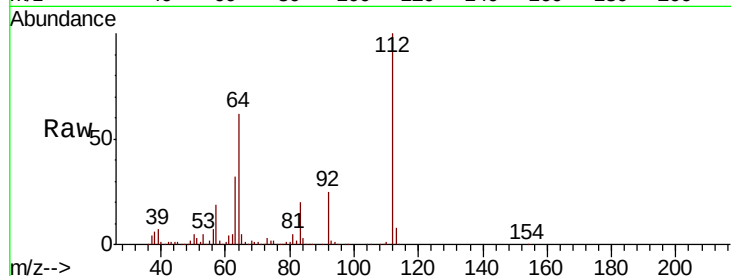
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
112	100	769680		
64	62.2	49.9	74.9	
63	32.2	26.0	39.0	

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#6

Aniline

Concen: 33.634 ng

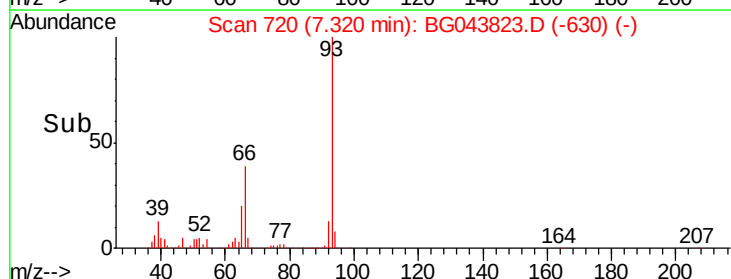
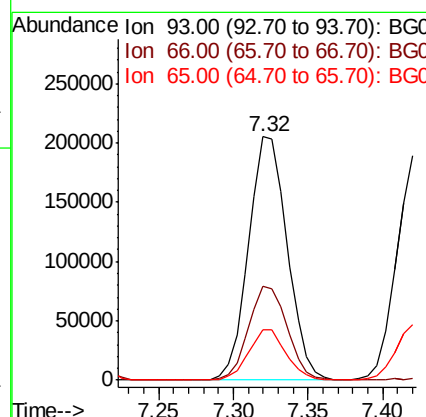
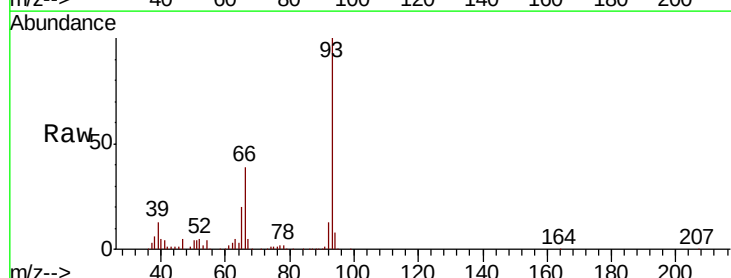
RT: 7.32 min Scan# 720

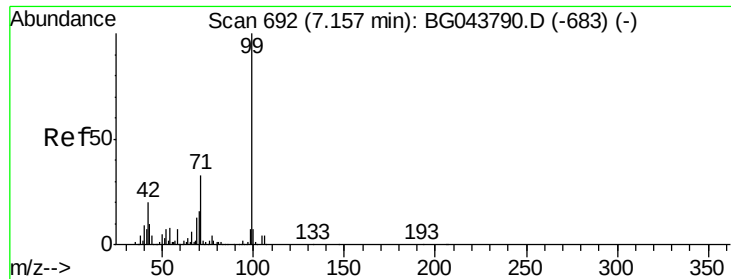
Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	367402		
66	38.5	31.9	47.9	
65	20.4	16.8	25.2	





#7

Phenol-d6

Concen: 130.456 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA_G

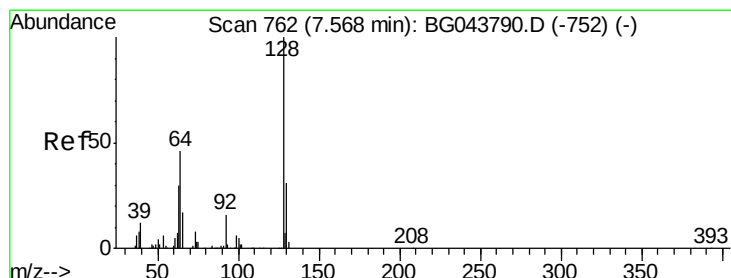
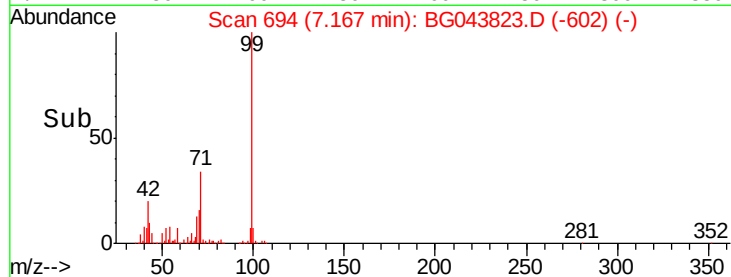
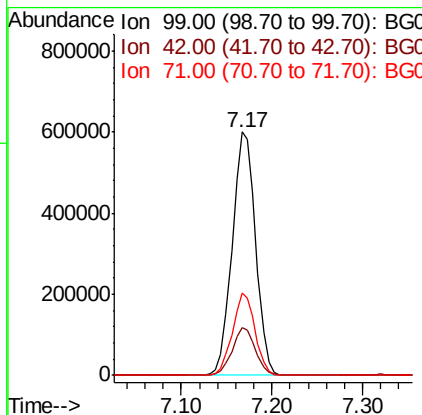
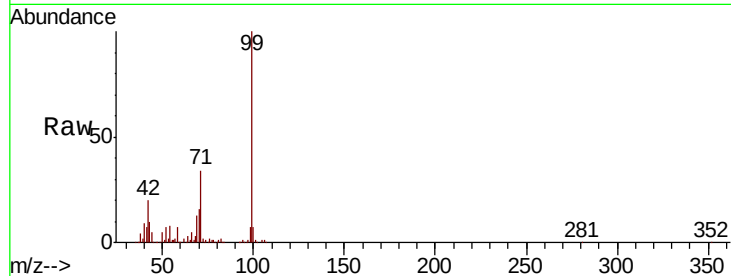
ClientSampleId :

PB125517BS

Tot Ion:	99	Resp:	1076984
Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.2	24.2
71	33.8	26.6	40.0

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#8

2-Chlorophenol

Concen: 49.971 ng

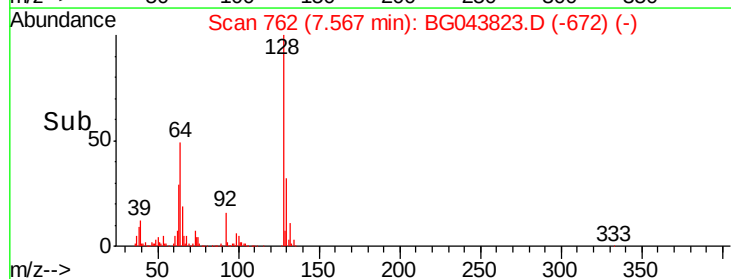
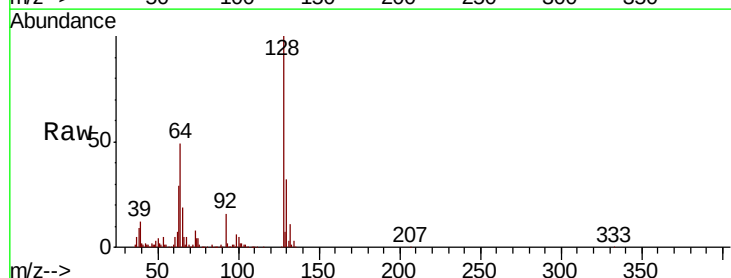
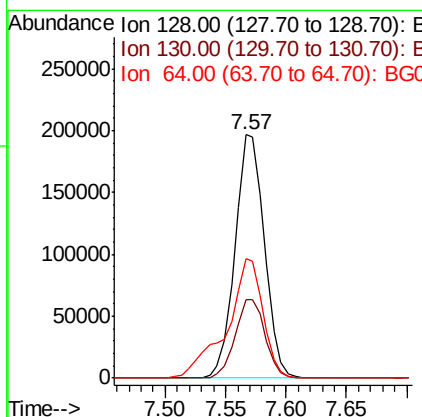
RT: 7.57 min Scan# 762

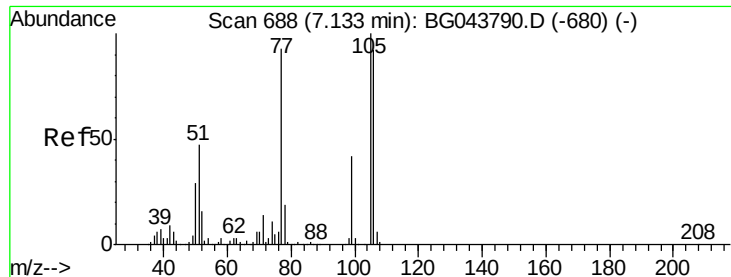
Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Tgt Ion:	128	Resp:	333353
Ion	Ratio	Lower	Upper
128	100		
130	32.0	11.1	51.1
64	48.9	26.5	66.5





#9

Benzaldehyde

Concen: 55.359 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA_G

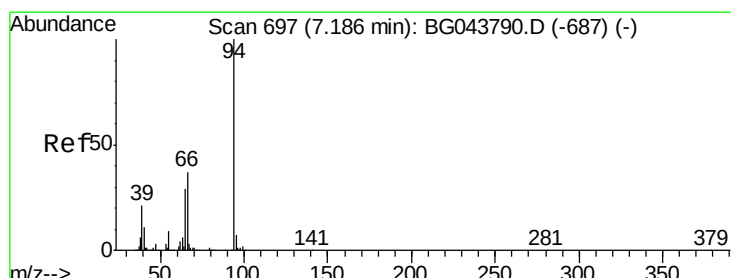
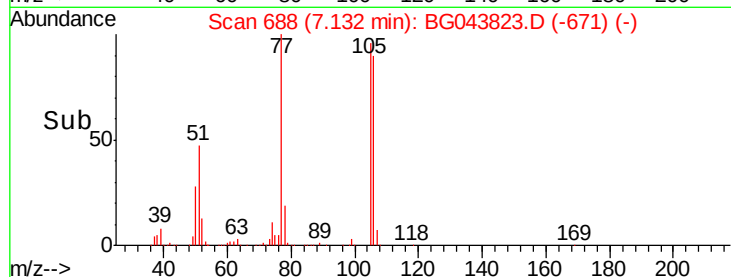
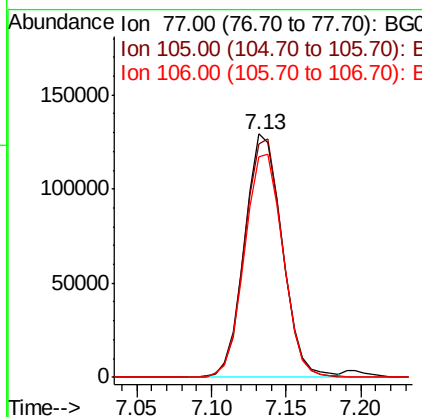
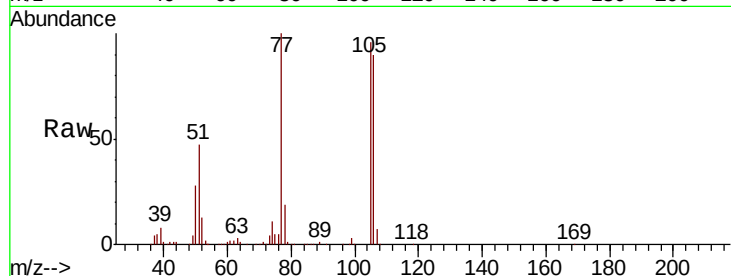
ClientSampleId :

PB125517BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	95.8	87.1	127.1	
106	90.4	78.2	118.2	

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#10

Phenol

Concen: 50.450 ng

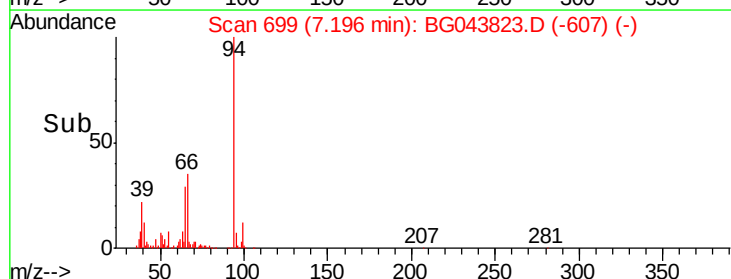
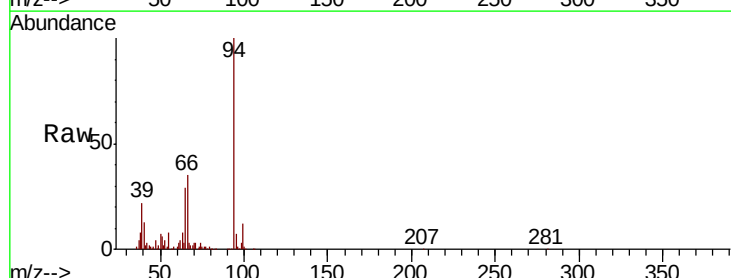
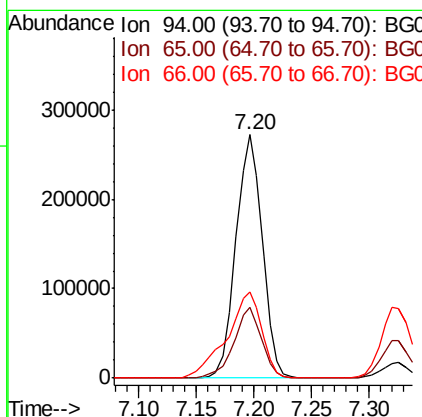
RT: 7.20 min Scan# 699

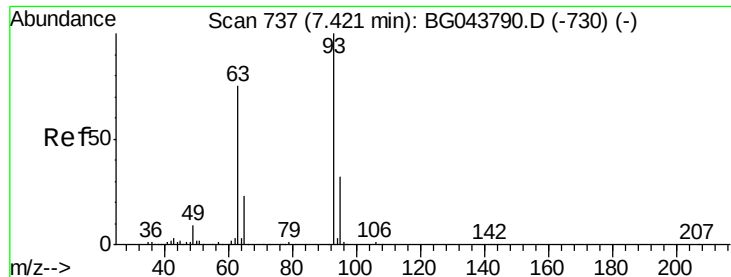
Delta R.T. 0.01 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	28.8	9.5	49.5	
66	35.4	16.8	56.8	





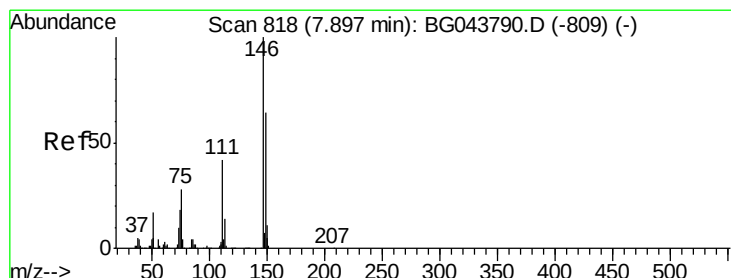
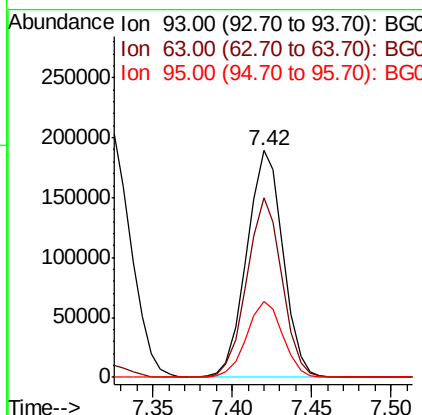
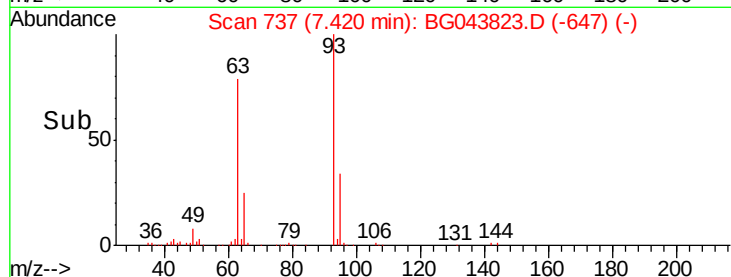
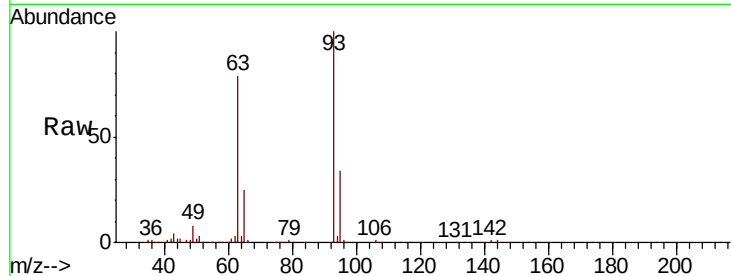
#11
bis(2-Chloroethyl)ether
Concen: 41.222 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB125517BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.2	54.7	94.7
95	33.6	11.3	51.3

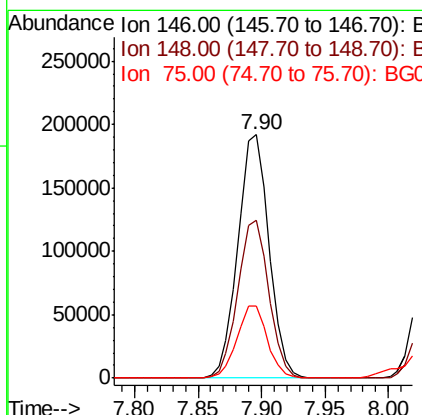
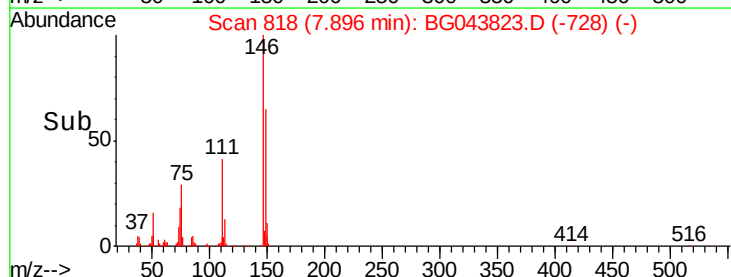
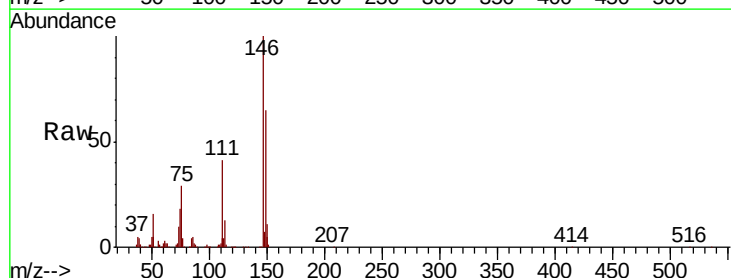
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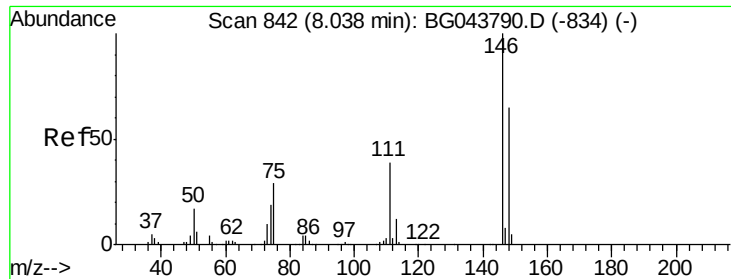
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.844 ng
RT: 7.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.2
75	29.4	22.4	33.6





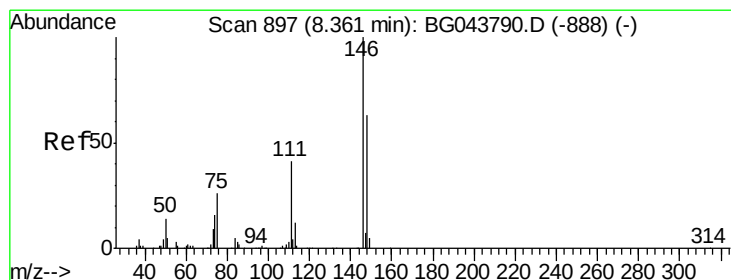
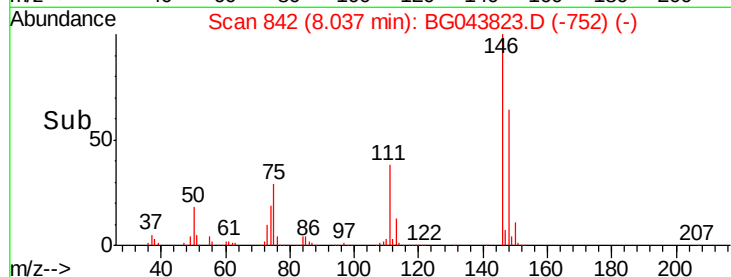
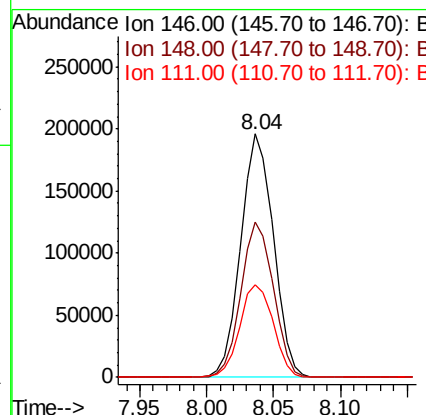
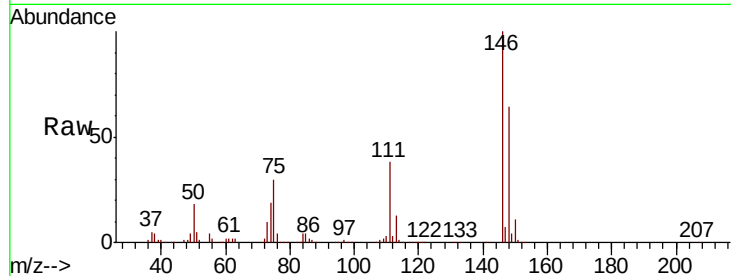
#13
 1,4-Dichlorobenzene
 Concen: 41.535 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG043823.D
 Acq: 17 Dec 2019 17:22

Instrument :
 BNA_G
 ClientSampleID :
 PB125517BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
111	38.0	31.4	47.2

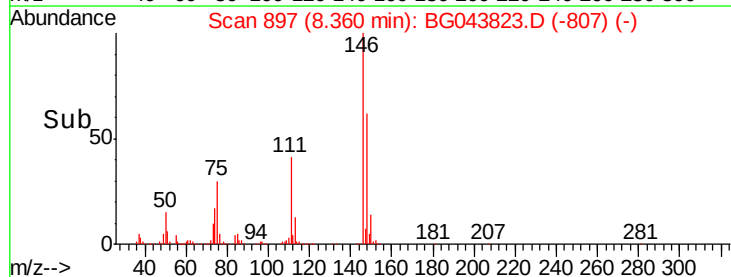
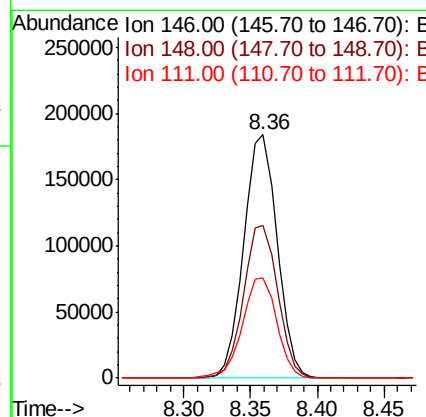
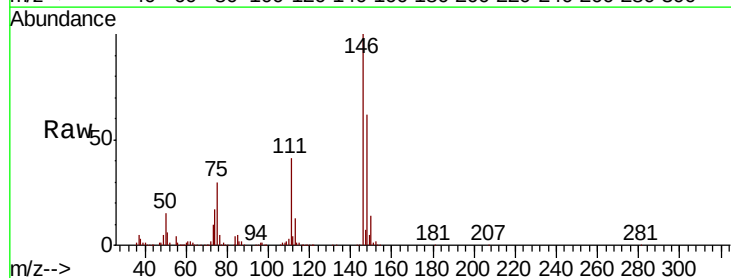
Manual Integrations
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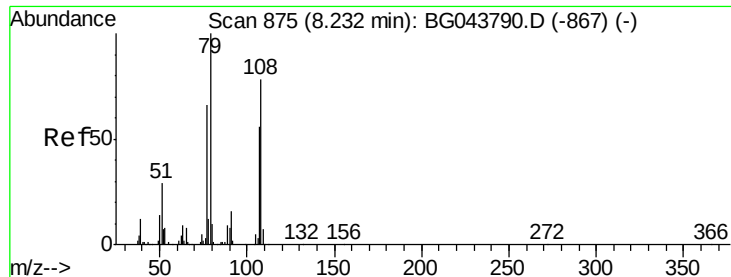
mohammad
 12/18/2019 2:40:45 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.333 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG043823.D
 Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.2	75.2
111	41.2	33.4	50.2





#15

Benzyl Alcohol

Concen: 46.329 ng

RT: 8.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA_G

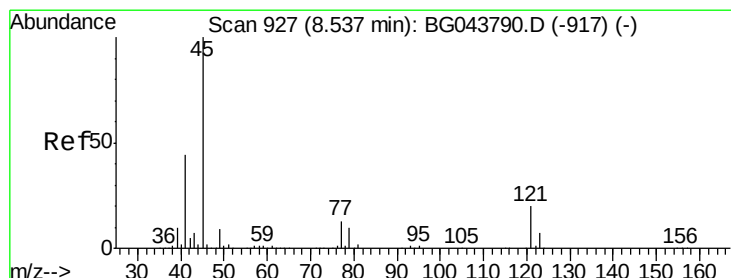
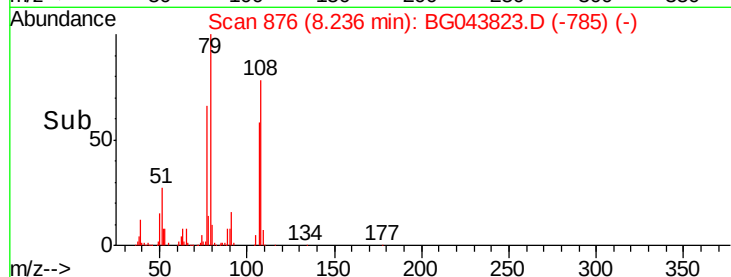
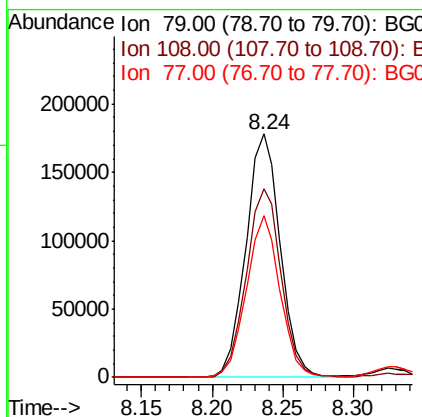
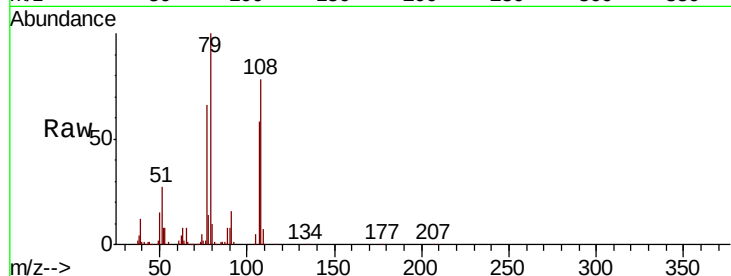
ClientSampleId :

PB125517BS

Tot Ion:	79	Resp:	304374
Ion Ratio	Lower	Upper	
79	100		
108	77.5	62.2	93.2
77	66.2	52.8	79.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.053 ng

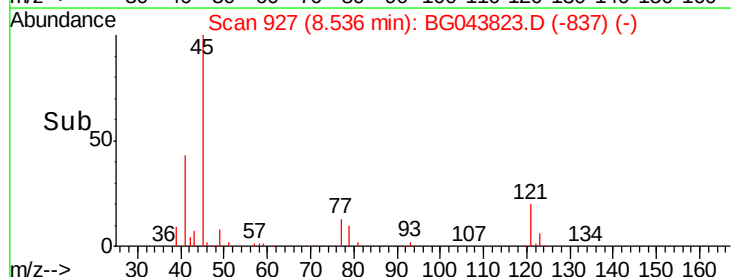
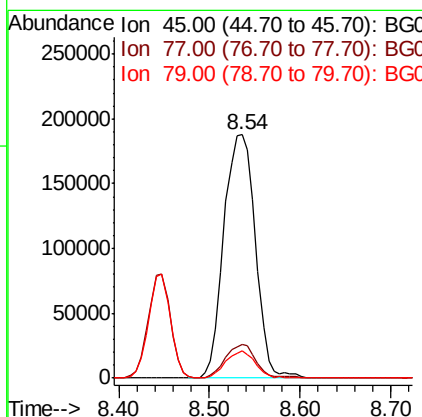
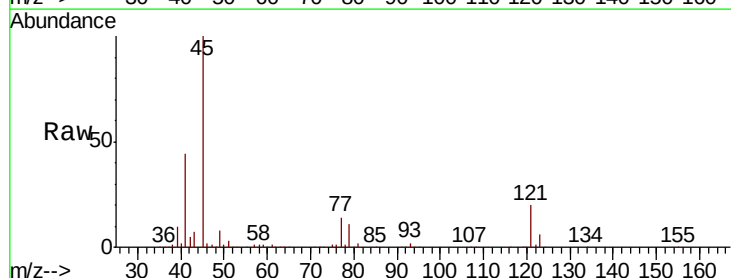
RT: 8.54 min Scan# 927

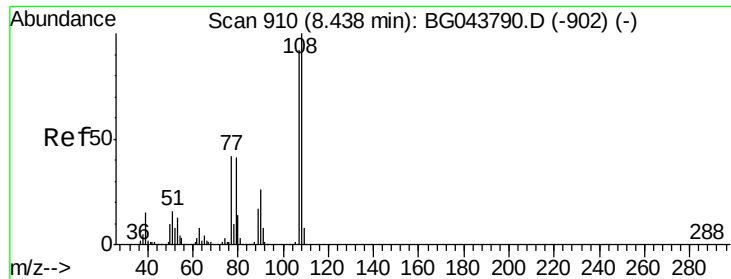
Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Tgt Ion:	45	Resp:	452667
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	33.6
79	11.0	0.0	29.9





#17

2-Methylphenol

Concen: 50.597 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA_G

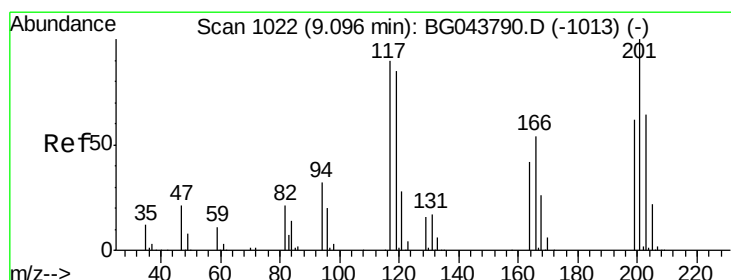
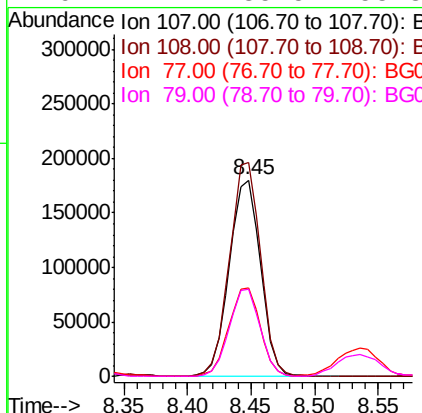
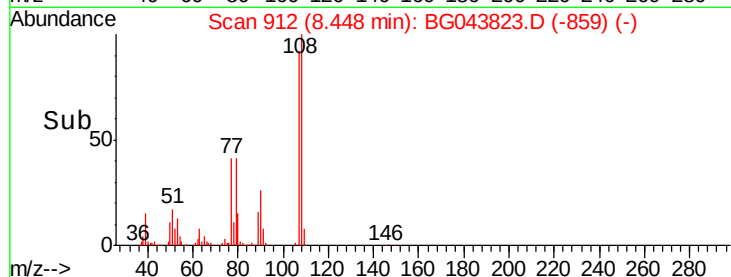
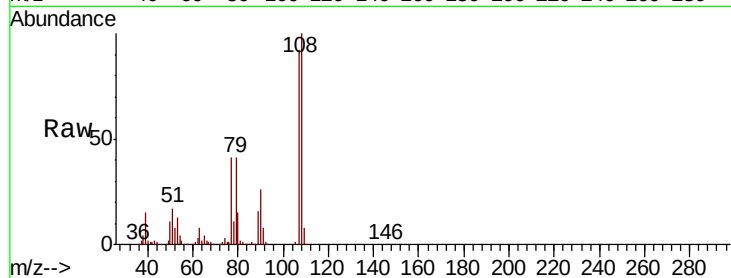
ClientSampleId :

PB125517BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.8	87.2	130.8	
77	44.8	36.6	54.8	
79	44.4	35.5	53.3	

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#18

Hexachloroethane

Concen: 41.115 ng

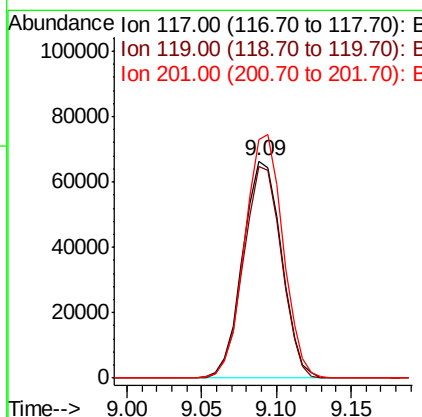
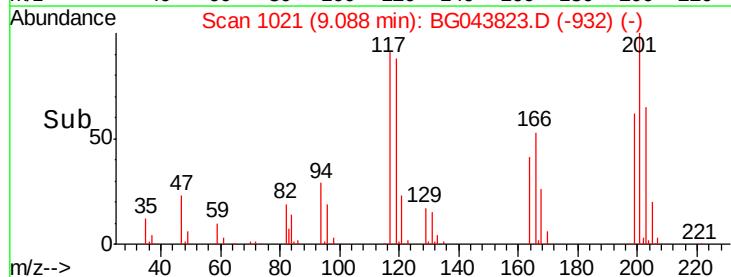
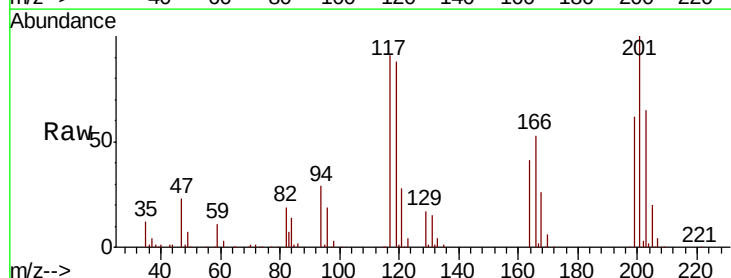
RT: 9.09 min Scan# 1021

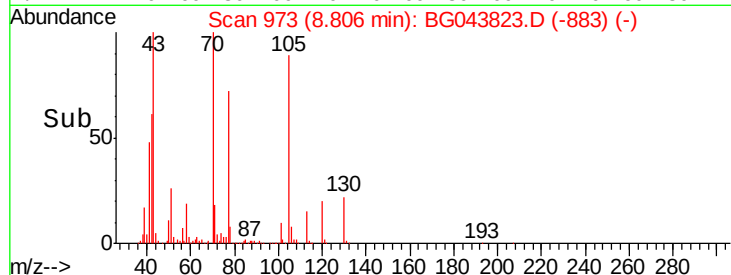
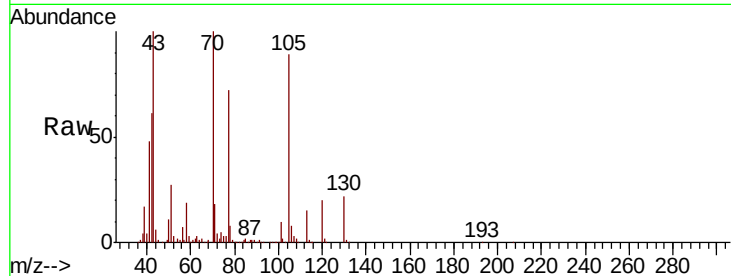
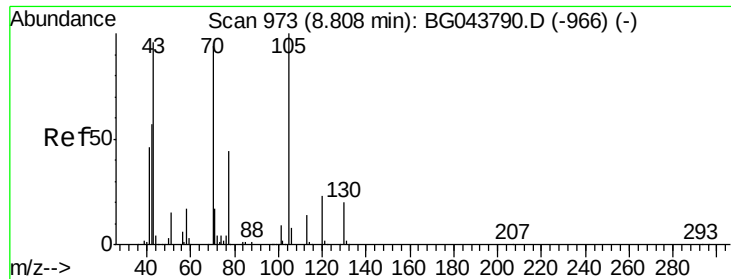
Delta R.T. -0.01 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	75.6	113.4	
201	110.1	88.6	133.0	





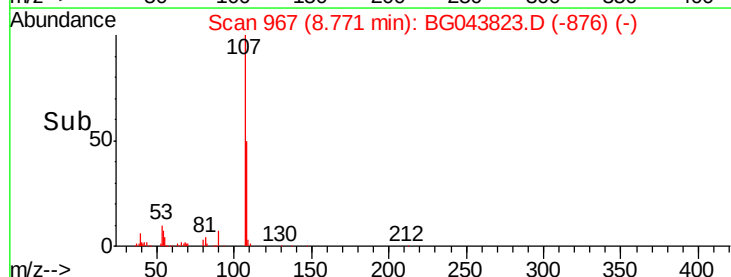
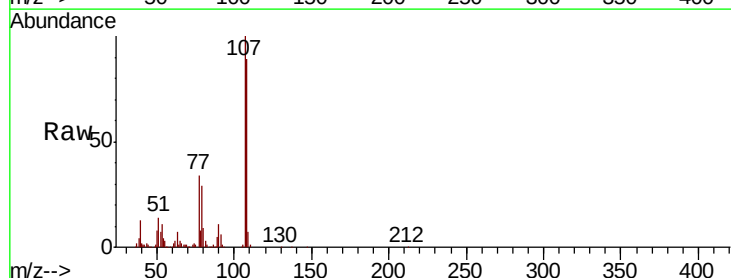
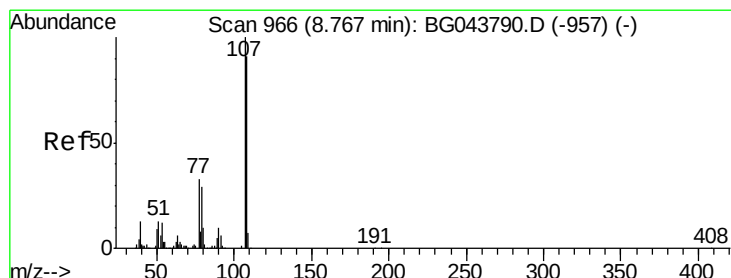
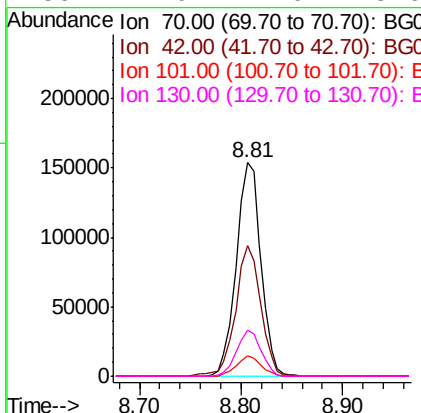
#19
n-Nitroso-di-n-propylamine
Concen: 41.042 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		259032		
42	60.9	49.2	73.8		
101	9.7	7.8	11.6		
130	21.6	17.0	25.6		

Instrument :
BNA_G
ClientSampleId :
PB125517BS

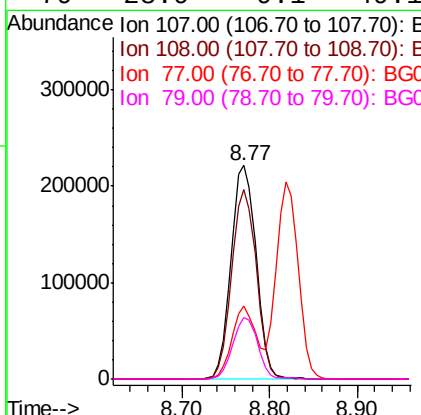
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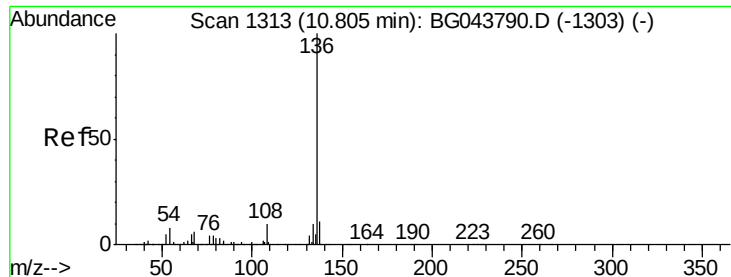
mohammad
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#20
3+4-Methylphenols
Concen: 50.887 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		431099		
108	88.9	70.9	110.9		
77	33.9	12.7	52.7		
79	28.9	9.1	49.1		





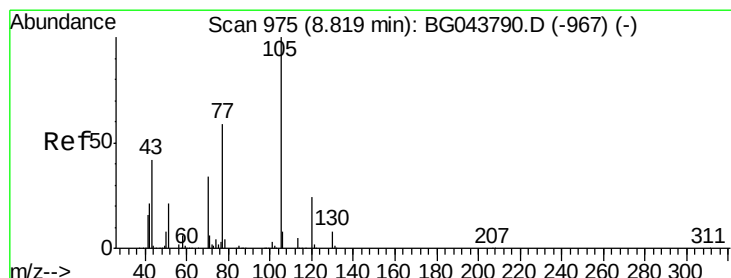
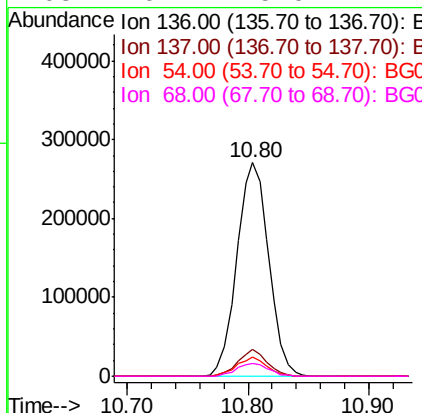
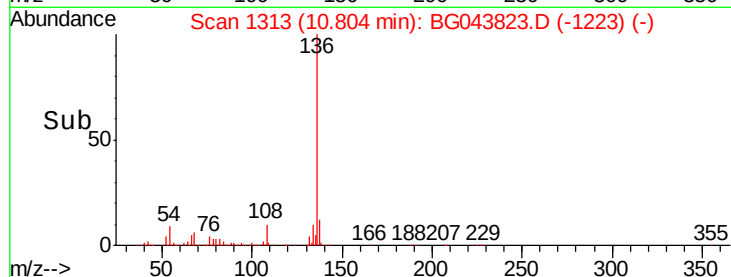
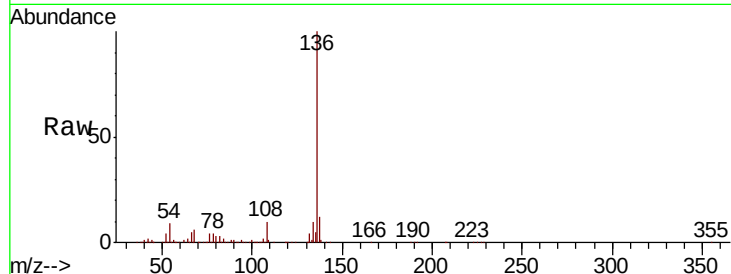
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB125517BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		495928		
137	12.3		8.7	13.1	
54	9.0		6.8	10.2	
68	6.2		5.0	7.4	

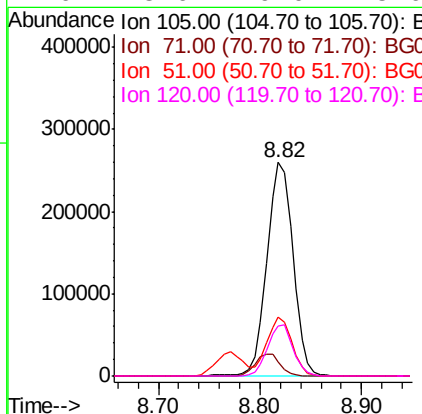
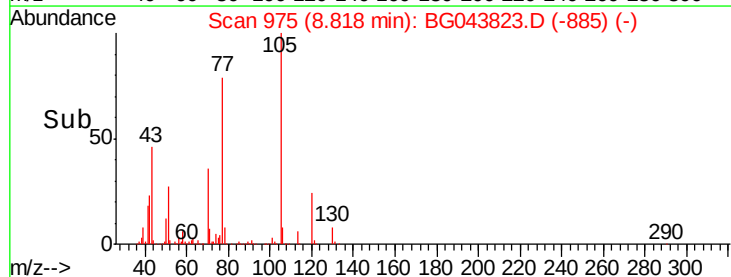
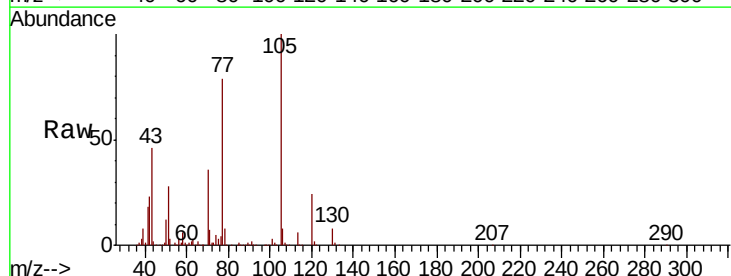
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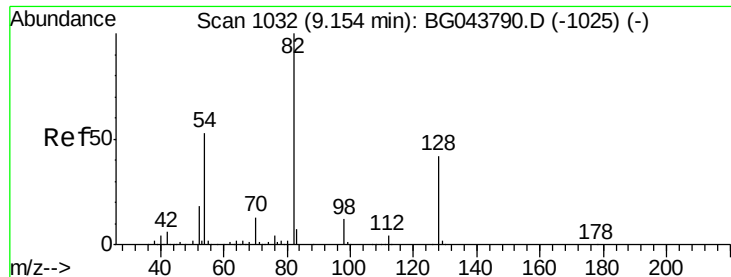
mohammad
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#22
Acetophenone
Concen: 37.723 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		466558		
71	6.7		4.9	7.3	
51	27.6		22.2	33.4	
120	23.6		19.0	28.6	





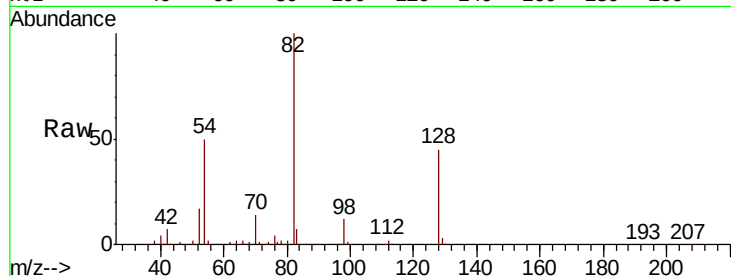
#23
 Nitrobenzene-d5
 Concen: 75.725 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG043823.D
 Acq: 17 Dec 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB125517BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	668856		
128	44.5	33.6	50.4	
54	50.3	42.1	63.1	

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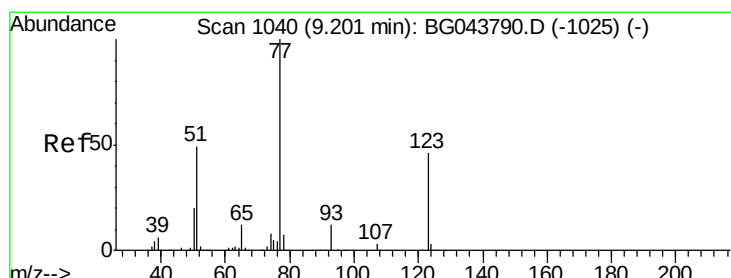
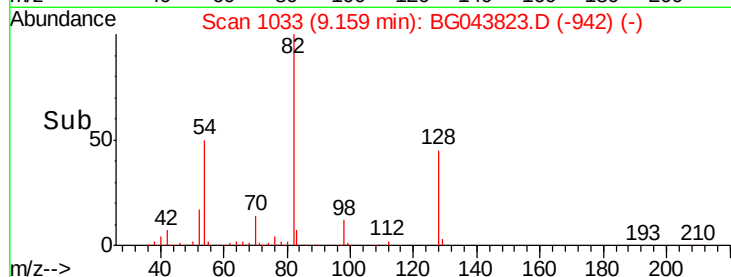
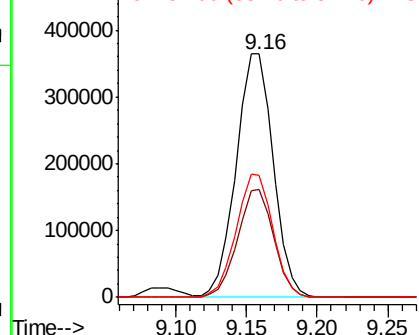


Abundance

Ion 82.00 (81.70 to 82.70): BGC

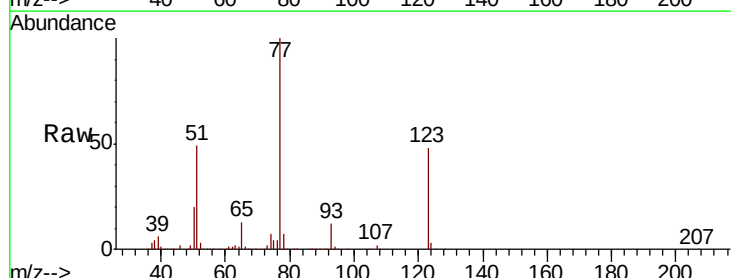
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
 Nitrobenzene
 Concen: 40.360 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG043823.D
 Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	363113		
123	47.7	36.6	55.0	
65	13.4	9.8	14.6	

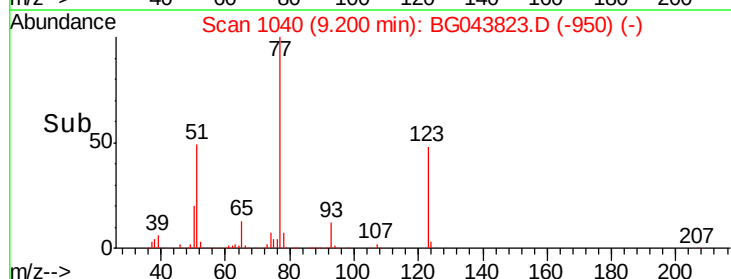
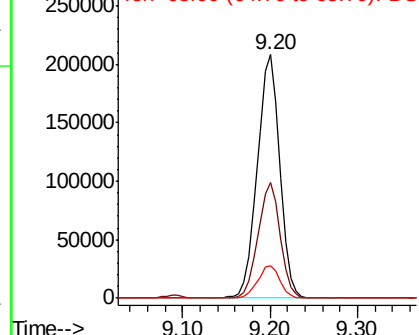


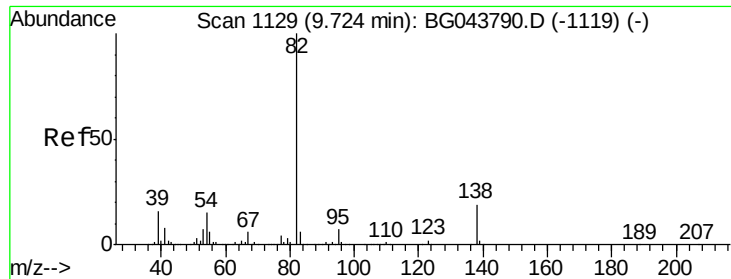
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





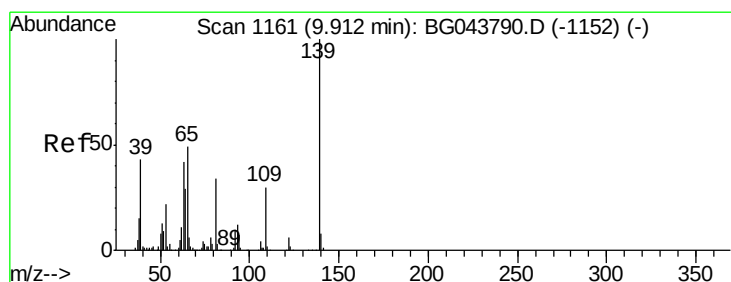
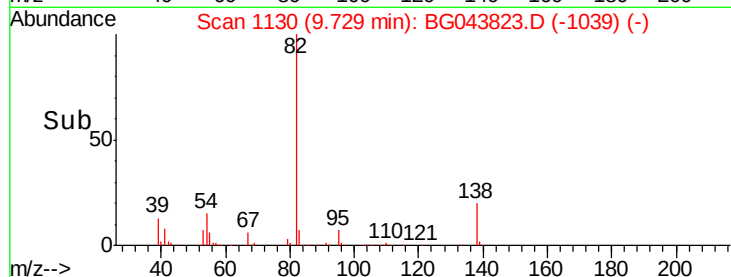
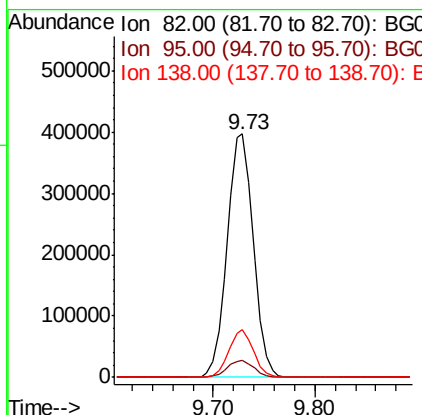
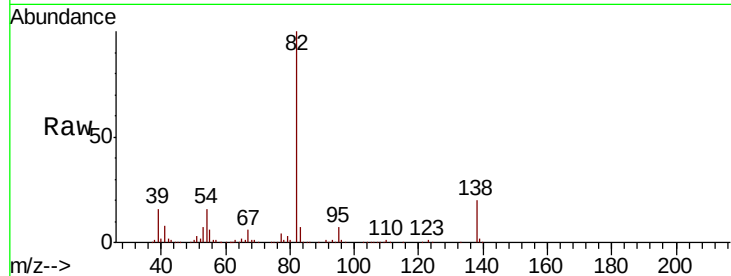
#25
Isophorone
Concen: 40.190 ng
RT: 9.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB125517BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	708950		
95	7.1		5.6	8.4
138	19.6		14.8	22.2

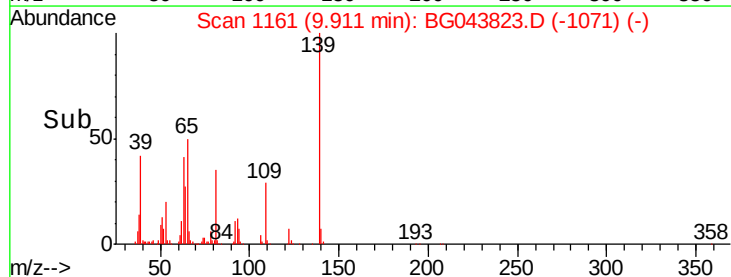
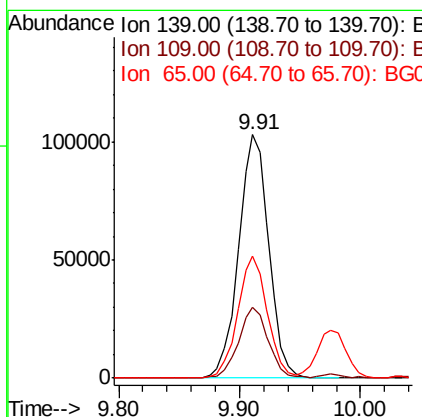
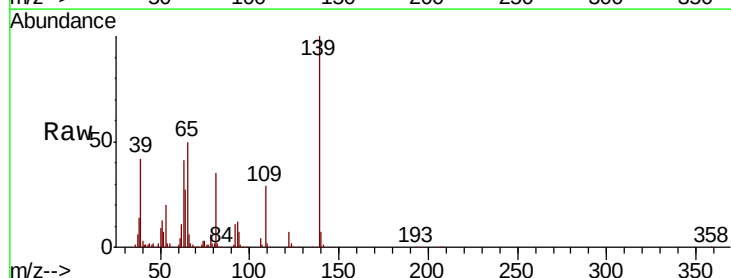
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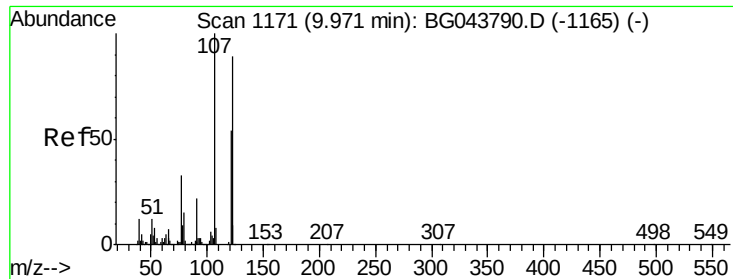
mohammad
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#26
2-Nitrophenol
Concen: 50.258 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	178467		
109	28.9		23.9	35.9
65	50.0		39.3	58.9





#27

2,4-Dimethylphenol

Concen: 55.351 ng

RT: 9.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA_G

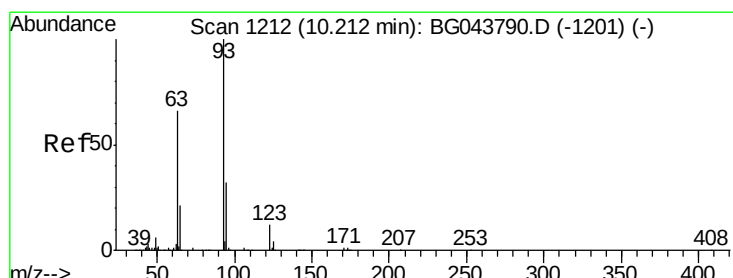
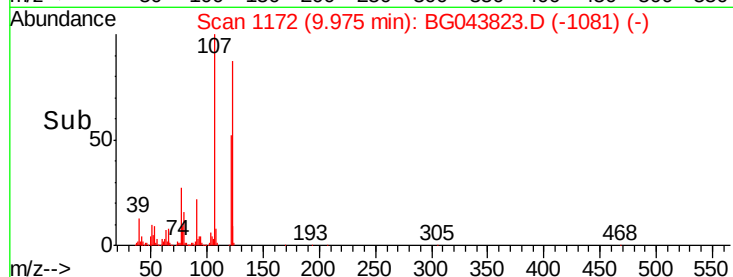
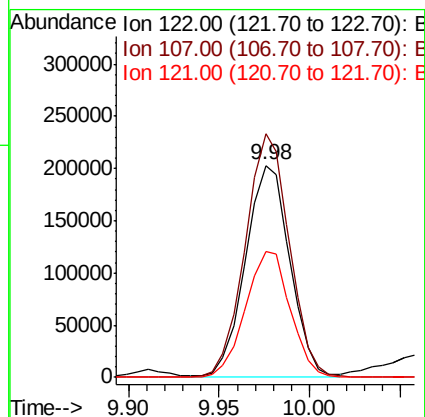
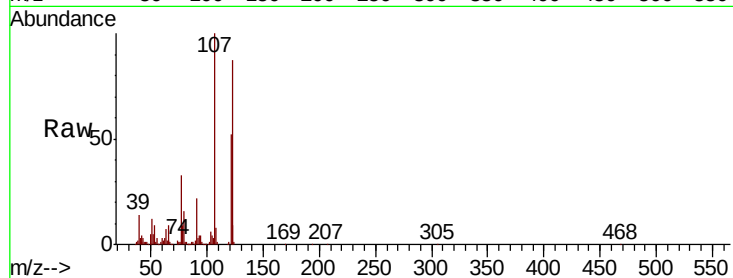
ClientSampleId :

PB125517BS

Tot Ion:	122	Resp:	345031
Ion Ratio	Lower	Upper	
122	100		
107	115.1	90.0	135.0
121	59.7	48.6	73.0

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#28

bis(2-Chloroethoxy)methane

Concen: 39.620 ng

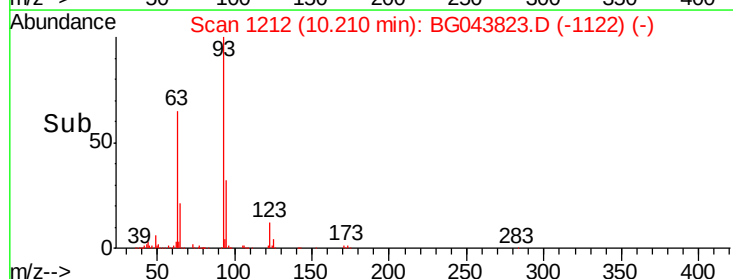
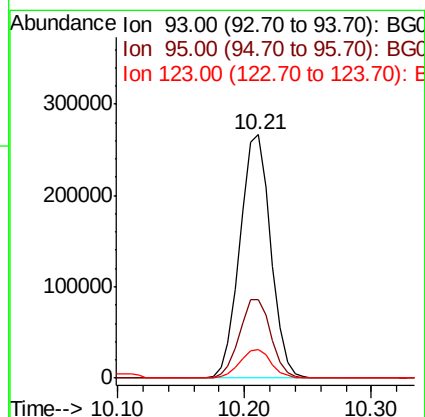
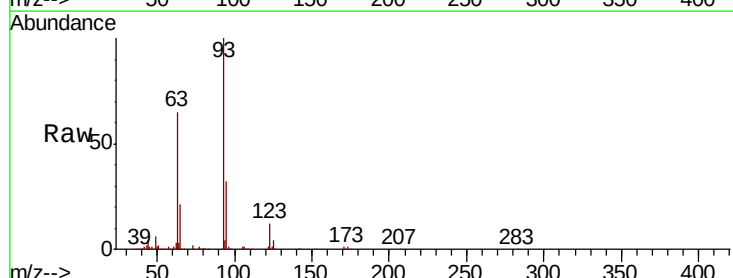
RT: 10.21 min Scan# 1212

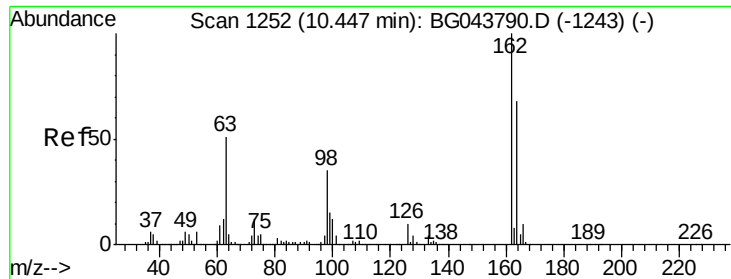
Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Tgt Ion:	93	Resp:	447370
Ion Ratio	Lower	Upper	
93	100		
95	32.3	25.7	38.5
123	11.5	9.5	14.3





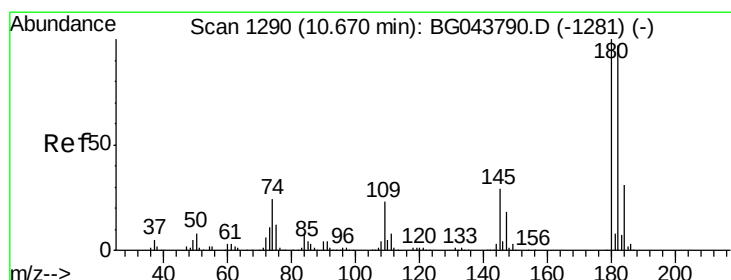
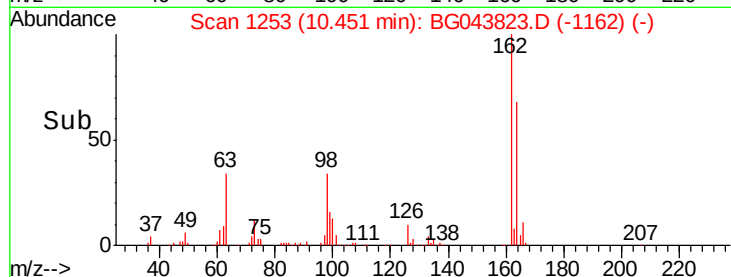
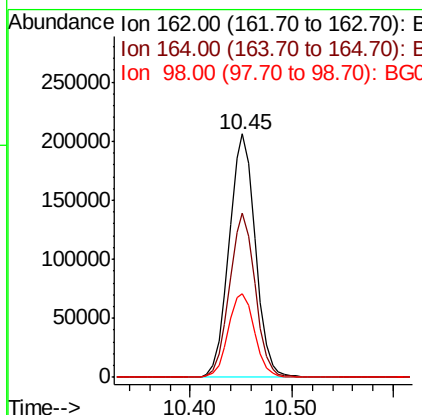
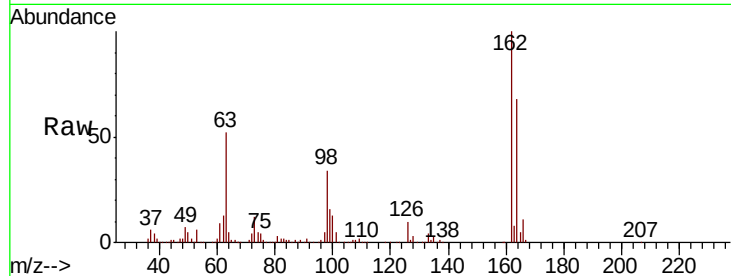
#29
2,4-Dichlorophenol
Concen: 48.178 ng
RT: 10.45 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB125517BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	368799		
164	67.7	48.0	88.0	
98	34.3	14.9	54.9	

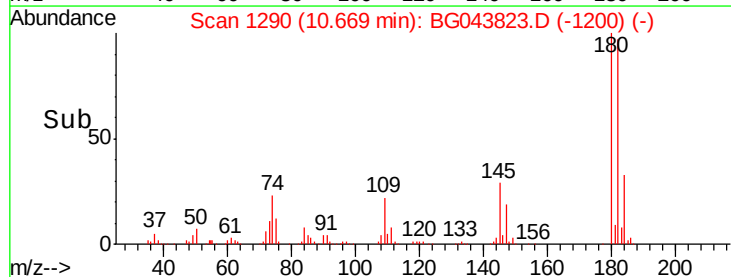
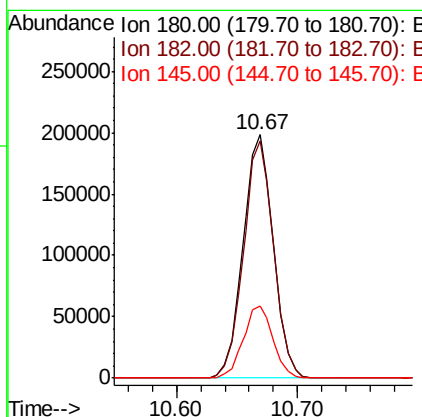
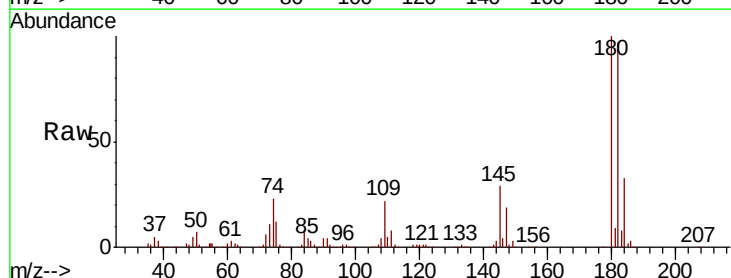
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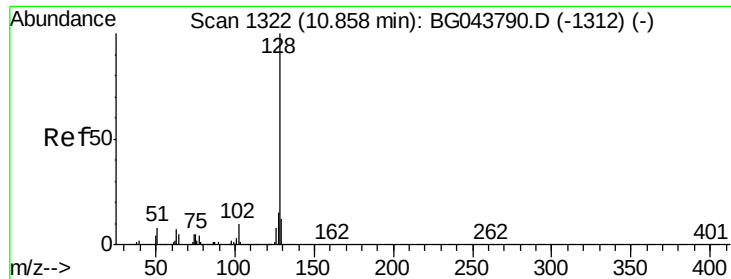
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#30
1,2,4-Trichlorobenzene
Concen: 38.020 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	344520		
182	97.4	77.8	116.8	
145	29.4	23.0	34.6	





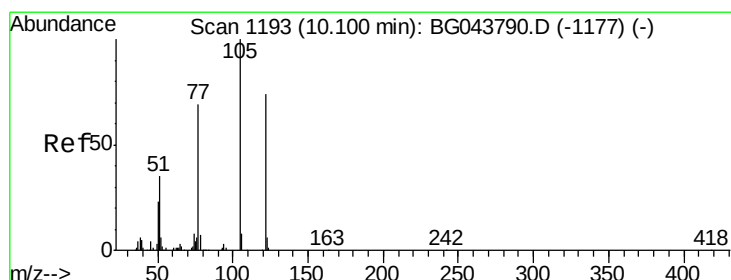
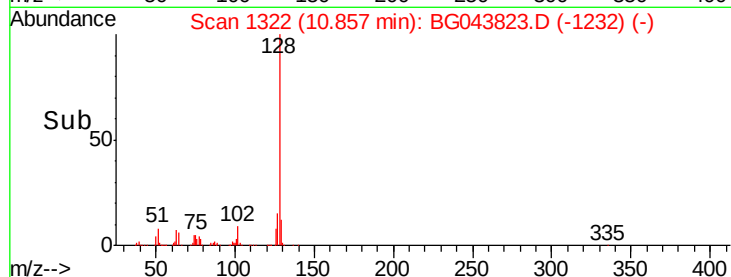
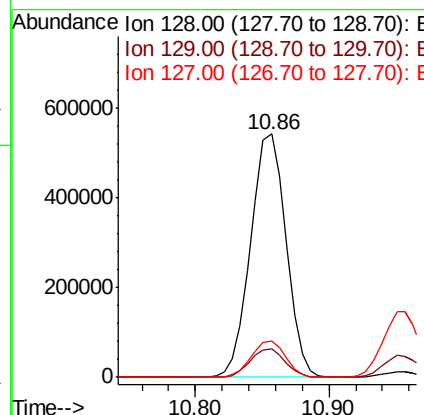
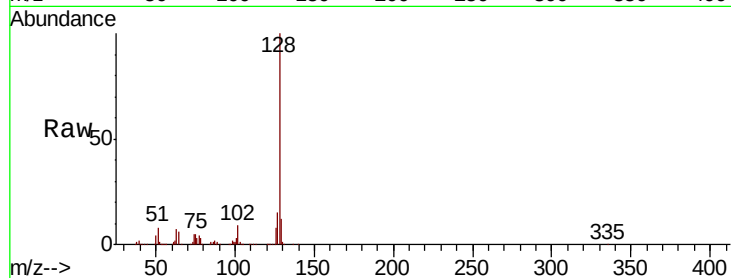
#31
Naphthalene
Concen: 41.757 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB125517BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	993664		
129	11.7		9.8	14.6
127	14.7		11.9	17.9

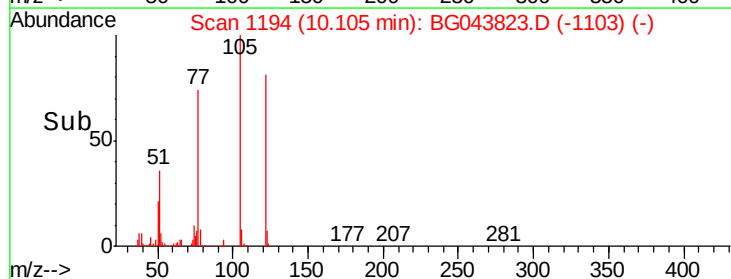
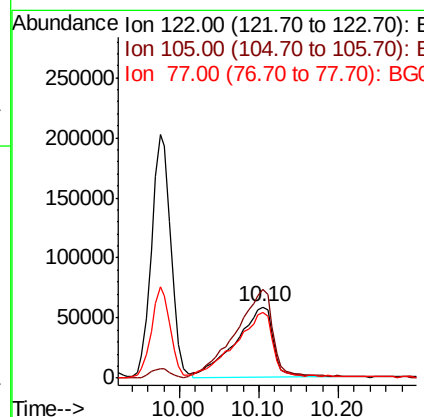
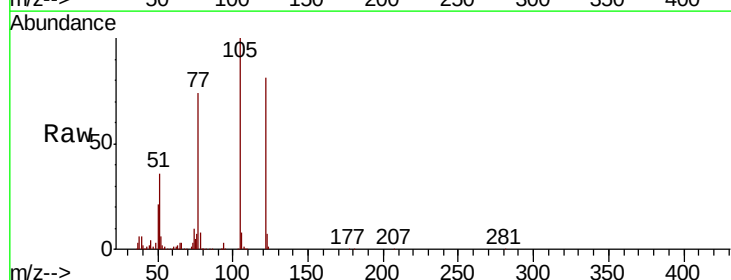
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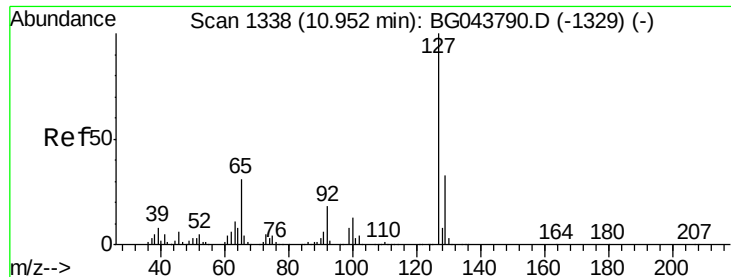
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#32
Benzoic acid
Concen: 45.026 ng
RT: 10.10 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	192536		
105	124.1		107.5	147.5
77	92.4		71.7	111.7





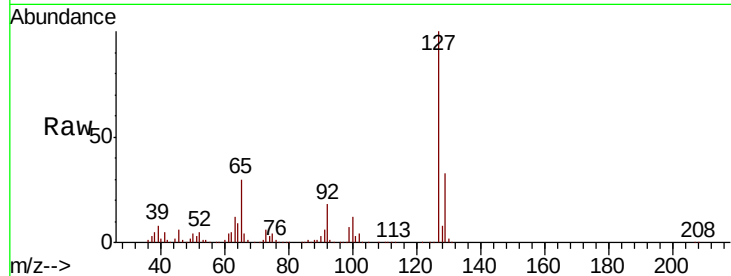
#33
4-Chloroaniline
Concen: 23.894 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB125517BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	30.3	24.4	36.6
92	18.3	14.6	22.0

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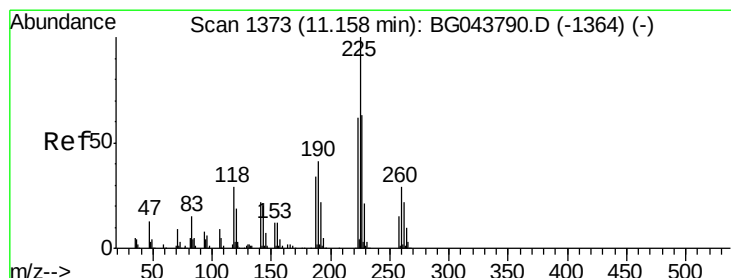
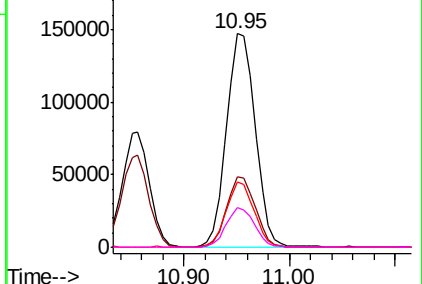
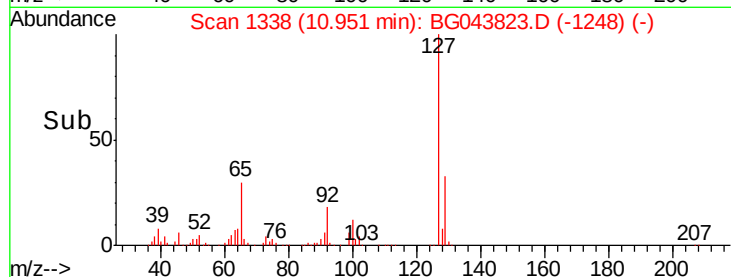
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

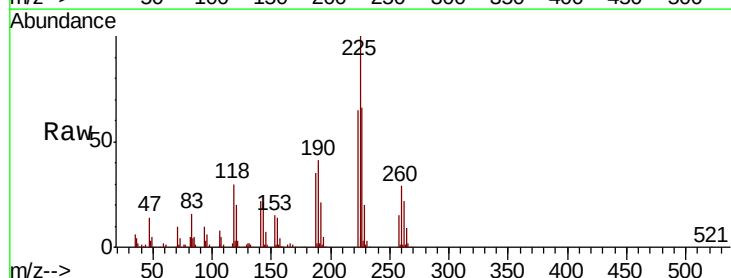
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 35.674 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.3	73.9
227	65.7	50.2	75.2

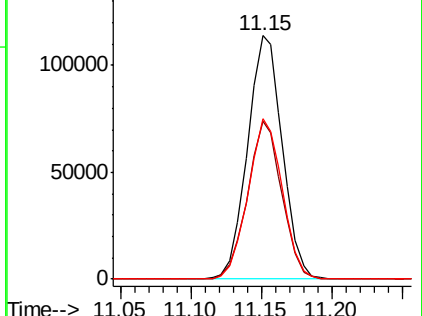
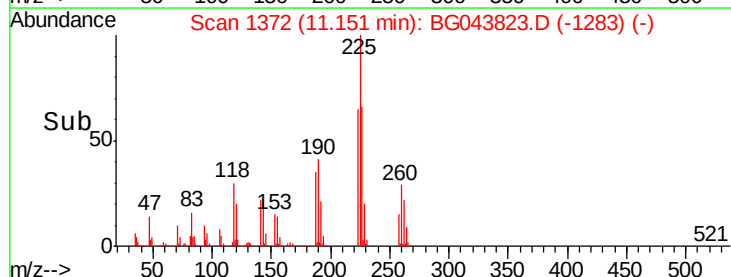


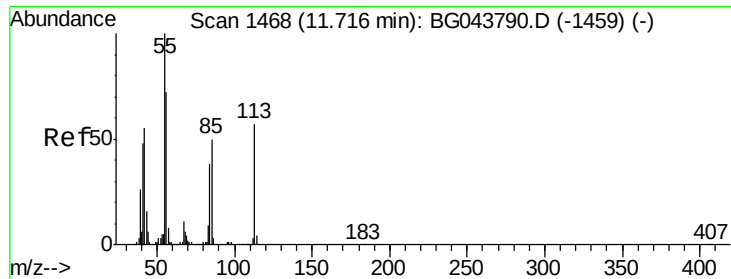
Abundance

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





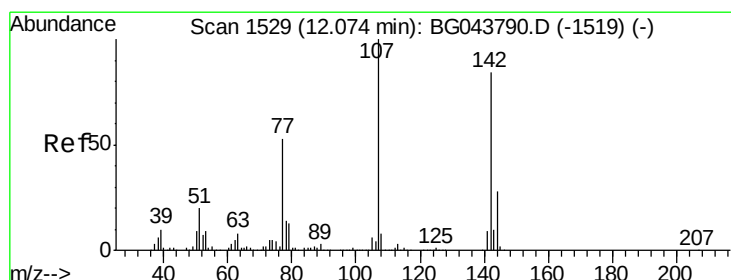
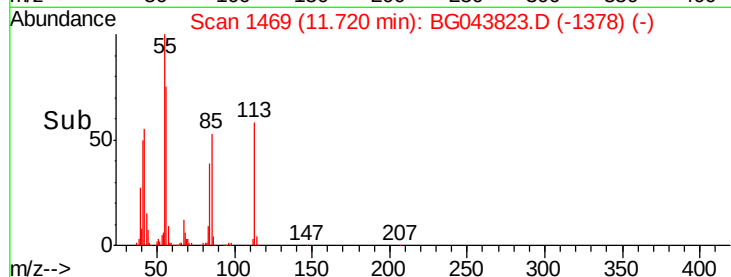
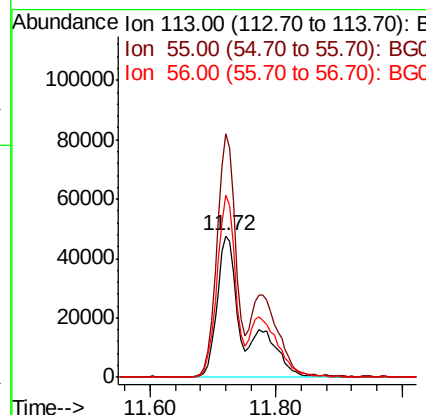
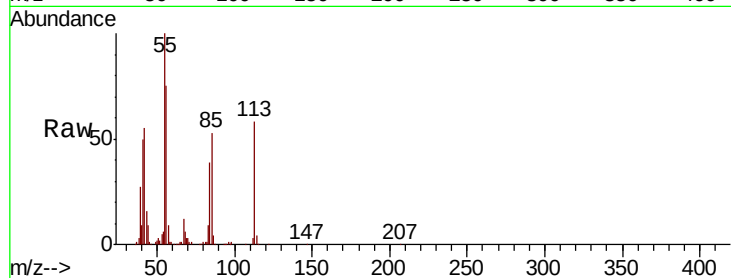
#35
Caprolactam
Concen: 49.065 ng/ml
RT: 11.72 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB125517BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	147400		
55	172.3	154.2	194.2	
56	128.8	105.6	145.6	

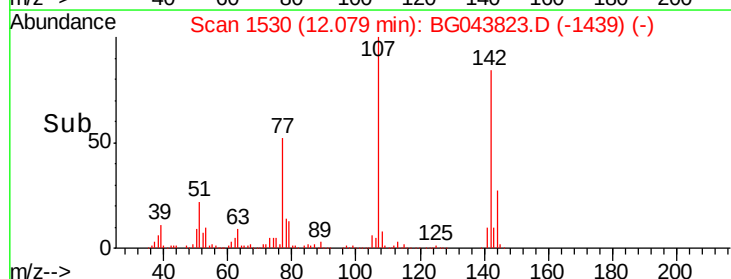
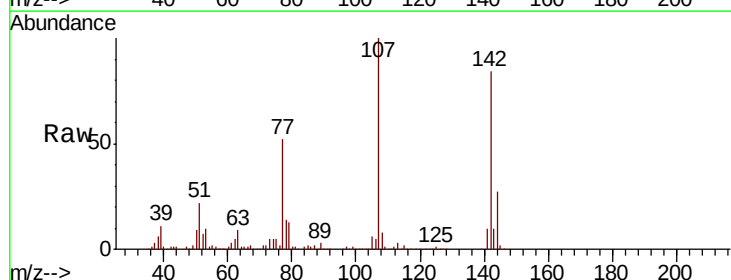
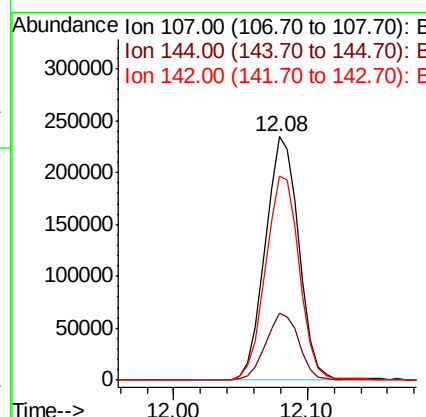
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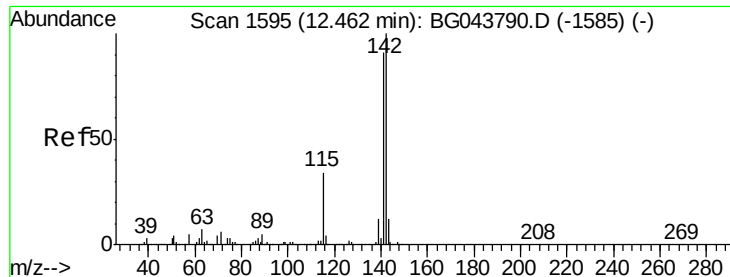
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#36
4-Chloro-3-methylphenol
Concen: 49.349 ng/ml
RT: 12.08 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	406683		
144	27.4	22.2	33.4	
142	83.8	67.0	100.6	





#37

2-Methylnaphthalene

Concen: 43.104 ng

RT: 12.46 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA_G

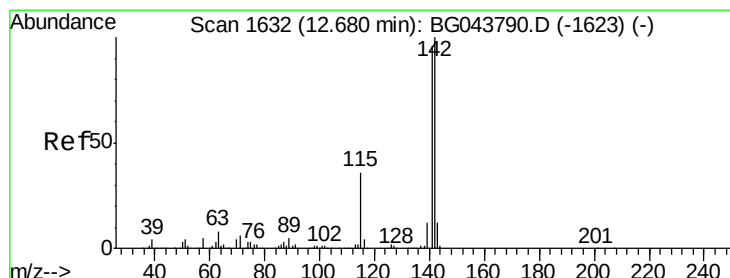
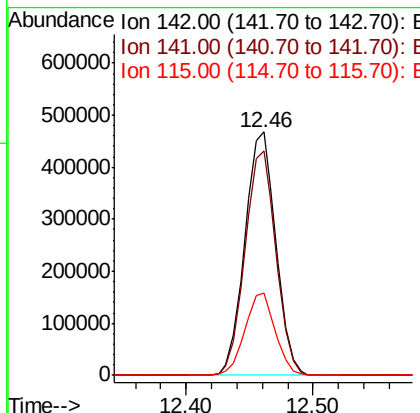
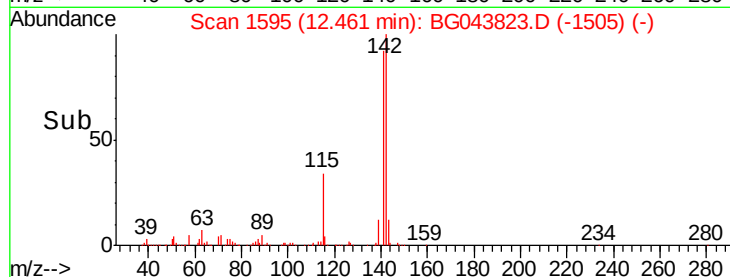
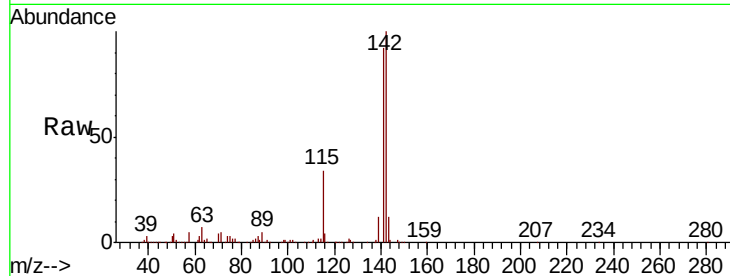
ClientSampleId :

PB125517BS

Tot Ion:	142	Resp:	795015
Ion Ratio	Lower	Upper	
142	100		
141	92.4	73.2	109.8
115	33.9	27.3	40.9

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#38

1-Methylnaphthalene

Concen: 43.197 ng

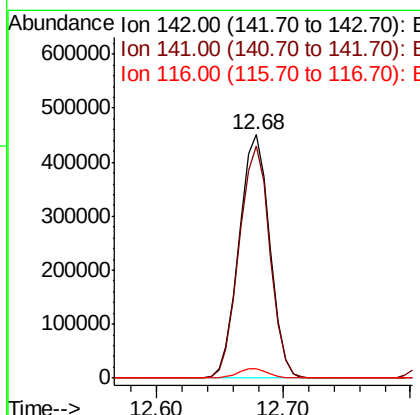
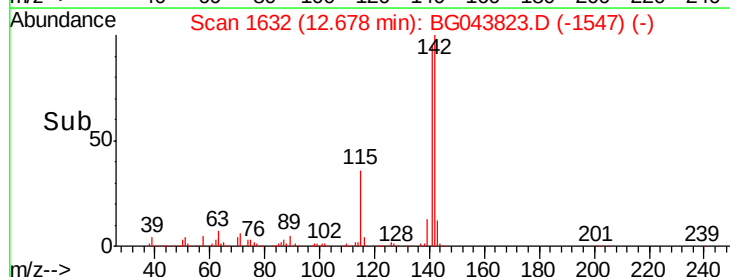
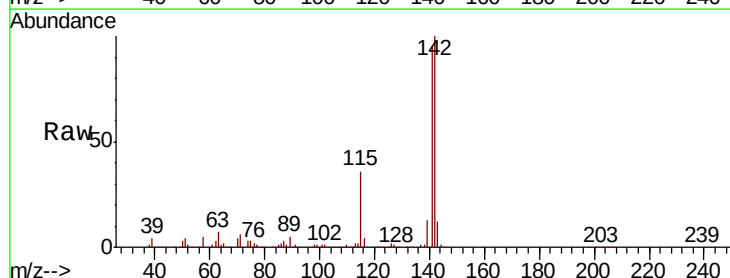
RT: 12.68 min Scan# 1632

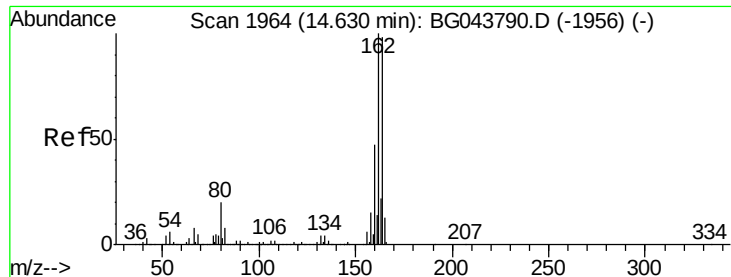
Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Tgt Ion:	142	Resp:	757607
Ion Ratio	Lower	Upper	
142	100		
141	95.1	76.9	115.3
116	3.9	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: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA_G

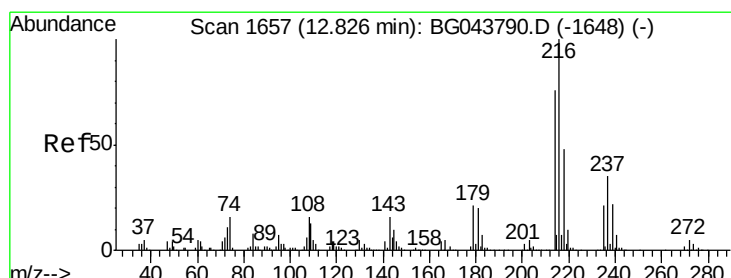
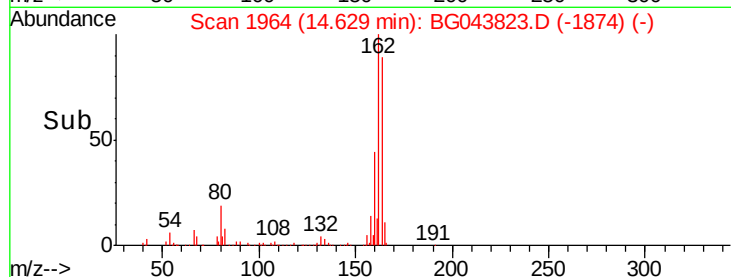
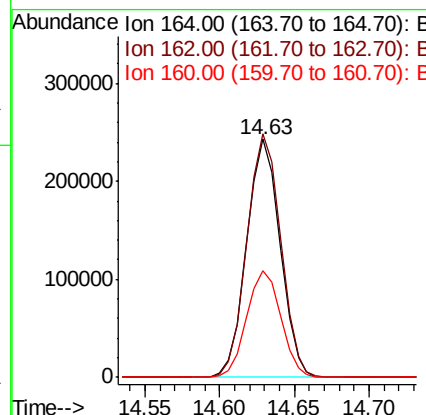
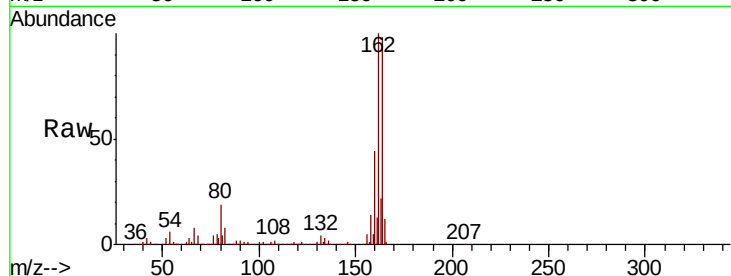
ClientSampleId :

PB125517BS

Tot Ion:	164	Resp:	376898
Ion Ratio	Lower	Upper	
164	100		
162	102.1	81.9	122.9
160	44.7	38.3	57.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.260 ng

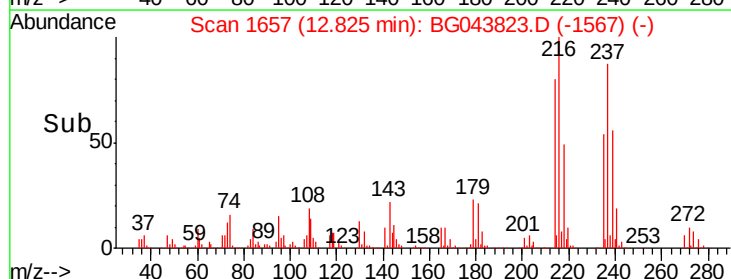
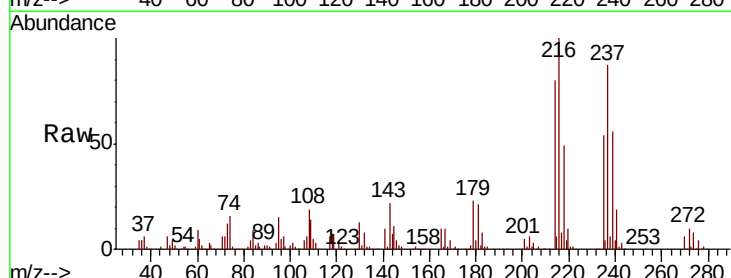
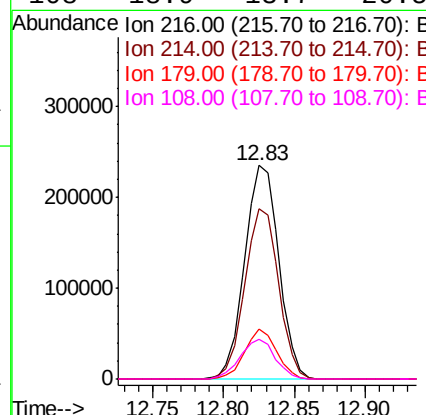
RT: 12.83 min Scan# 1657

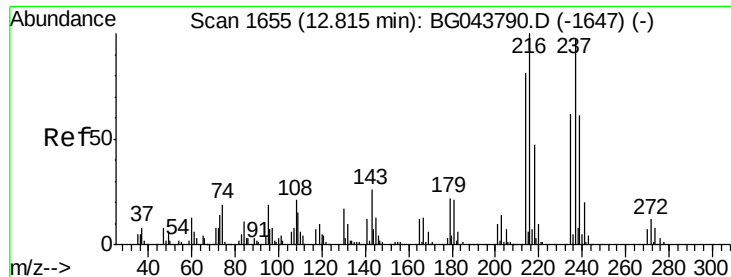
Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Tgt Ion:	216	Resp:	399337
Ion Ratio	Lower	Upper	
216	100		
214	79.1	62.2	93.4
179	21.6	16.6	25.0
108	18.9	13.7	20.5





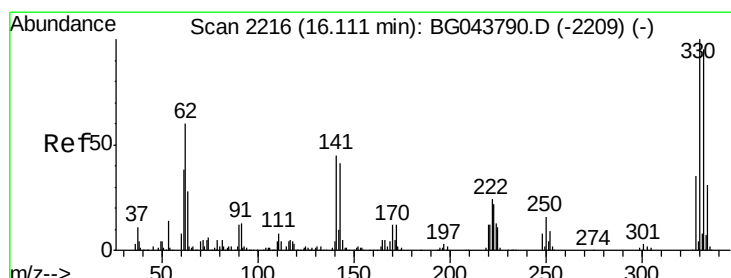
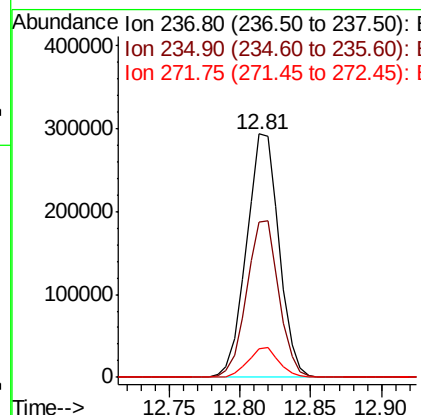
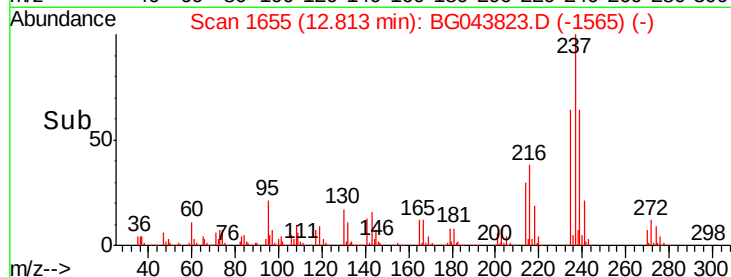
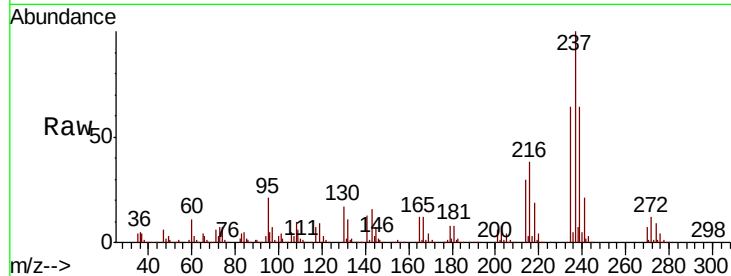
#41
Hexachlorocyclopentadiene
Concen: 89.140 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB125517BS

Tot Ion:	237	Resp:	473851
Ion Ratio	Lower	Upper	
237	100		
235	63.8	43.9	83.9
272	11.6	0.0	32.0

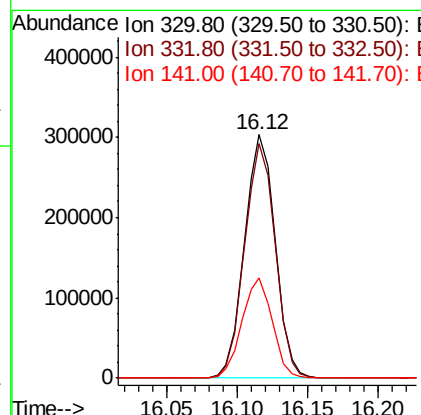
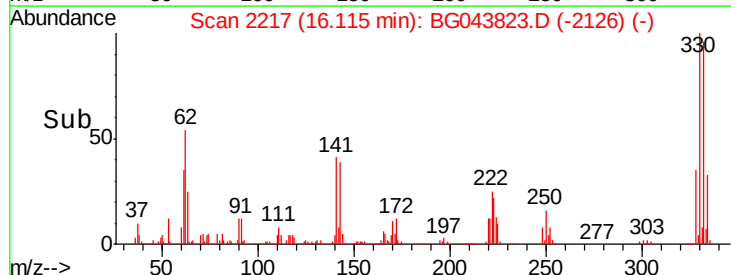
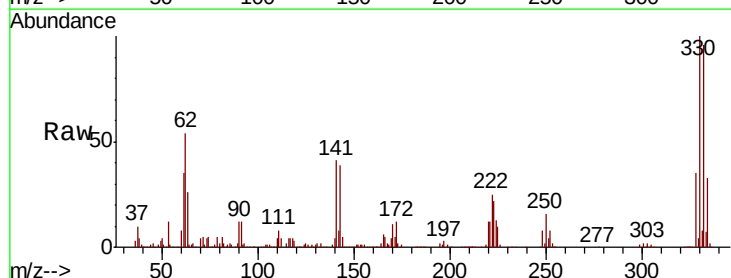
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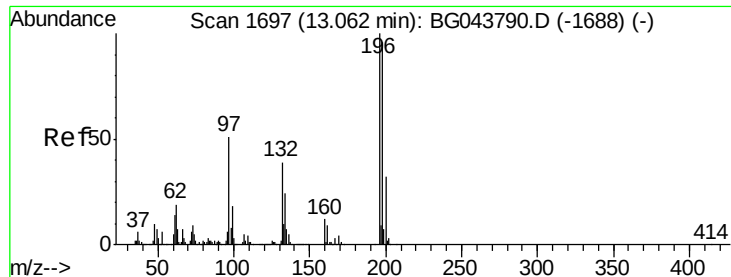
mohammad
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#42
2,4,6-Tribromophenol
Concen: 129.026 ng
RT: 16.12 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Tgt Ion:	330	Resp:	463610
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.9	115.3
141	40.7	33.8	50.8





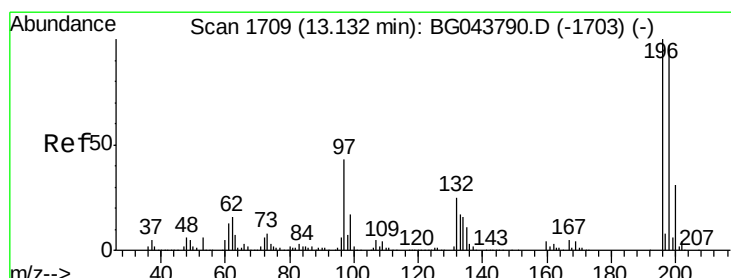
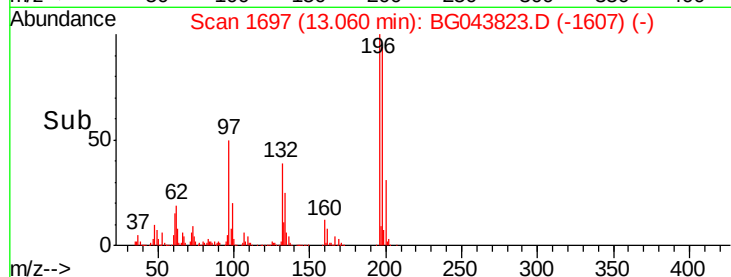
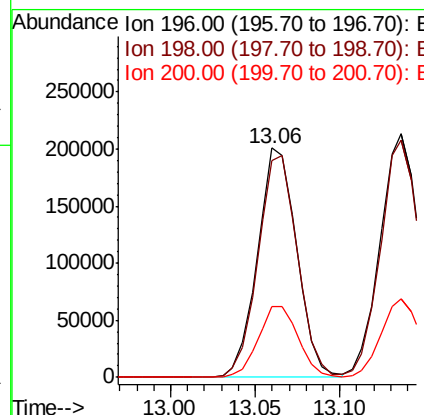
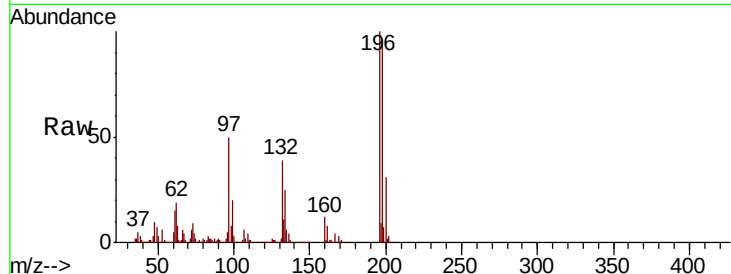
#43
 2,4,6-Trichlorophenol
 Concen: 45.100 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG043823.D
 Acq: 17 Dec 2019 17:22

Instrument :
 BNA_G
 ClientSampleID :
 PB125517BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	324647		
198	94.3	77.0	115.6	
200	31.1	25.7	38.5	

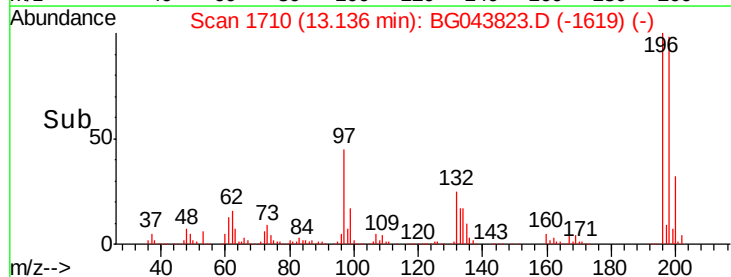
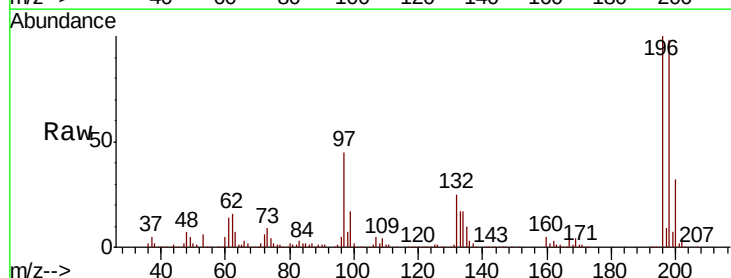
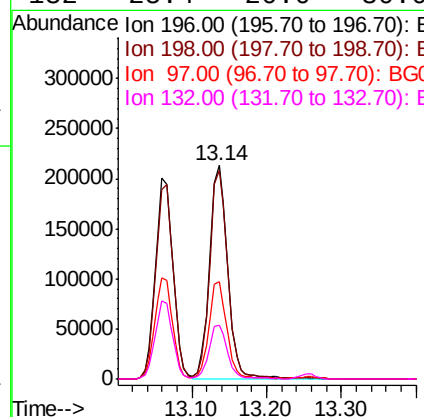
Manual Integrations
 APPROVED

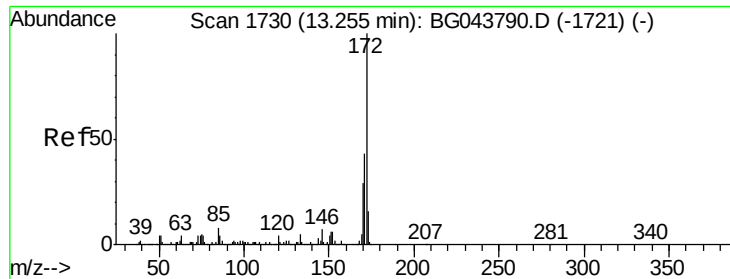
mohammad
 12/18/2019 2:40:45 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.848 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG043823.D
 Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	360846		
198	97.6	77.4	116.0	
97	45.4	34.7	52.1	
132	25.4	20.0	30.0	





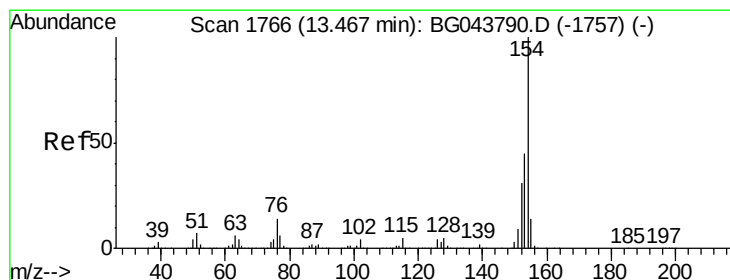
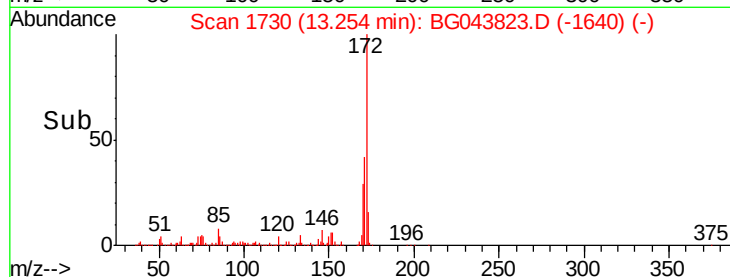
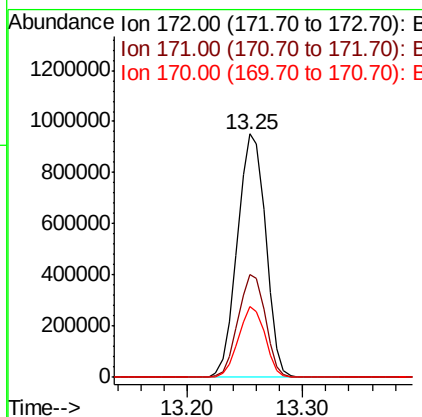
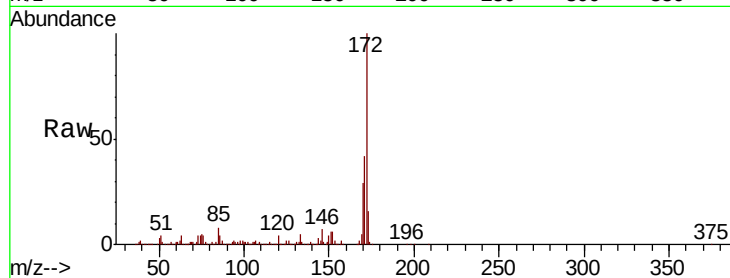
#45
2-Fluorobiphenyl
Concen: 75.137 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB125517BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	42.5	34.6	51.8
170	28.9	23.3	34.9

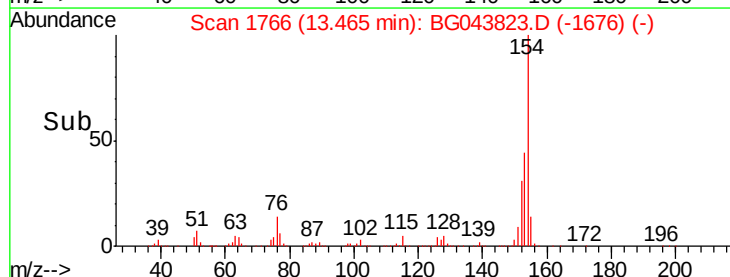
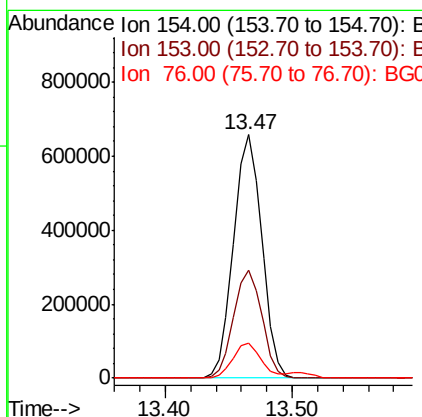
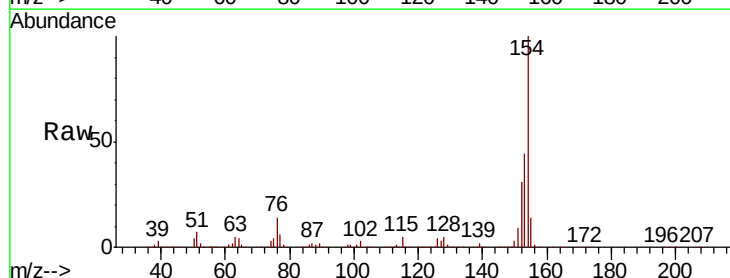
Manual Integrations
APPROVED

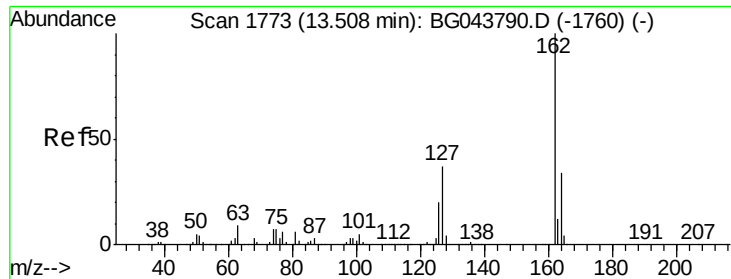
mohammad
12/18/2019 2:40:45 PM



#46
1,1'-Biphenyl
Concen: 39.043 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.4	24.5	64.5
76	14.2	0.0	33.9





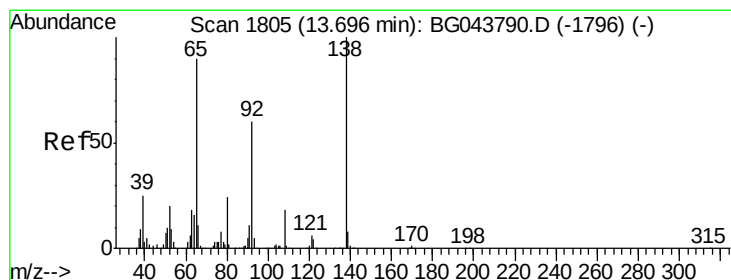
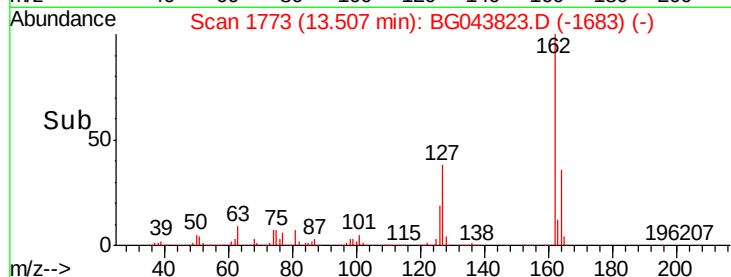
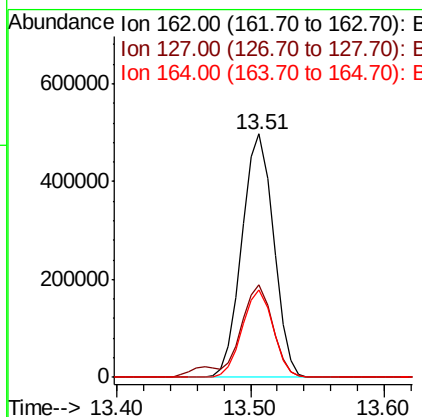
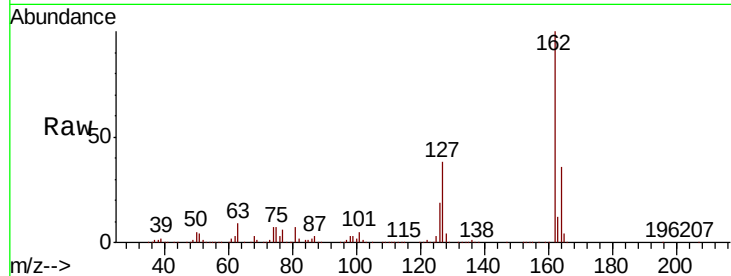
#47
2-Chloronaphthalene
Concen: 38.509 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB125517BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.0	45.0
164	35.9	27.6	41.4

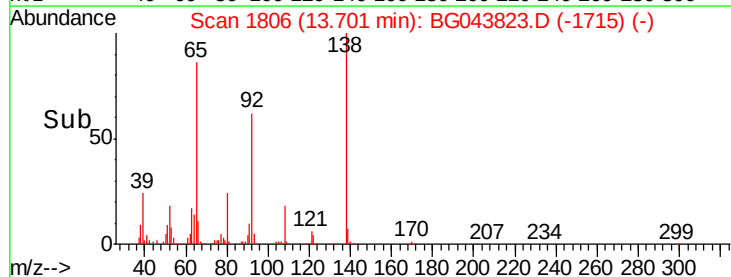
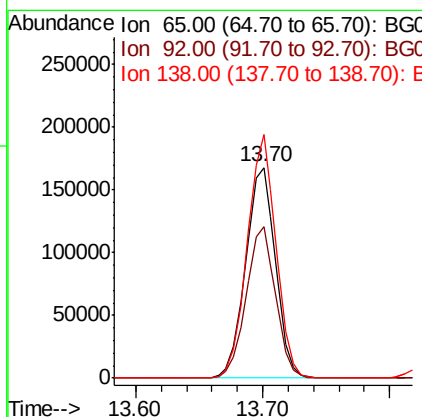
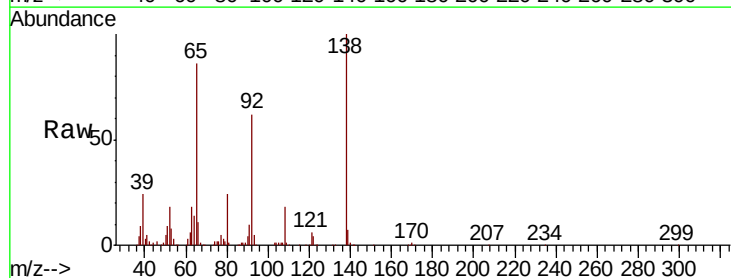
Manual Integrations
APPROVED

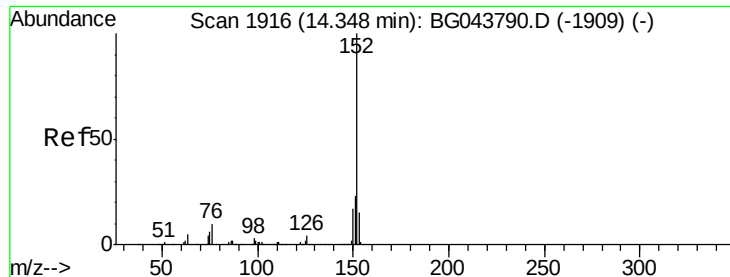
mohammad
12/18/2019 2:40:45 PM



#48
2-Nitroaniline
Concen: 43.904 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	53.7	80.5
138	115.7	88.8	133.2





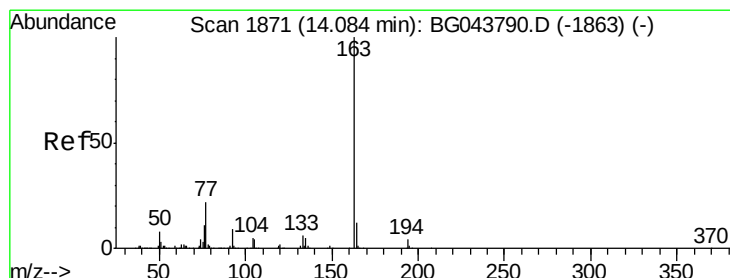
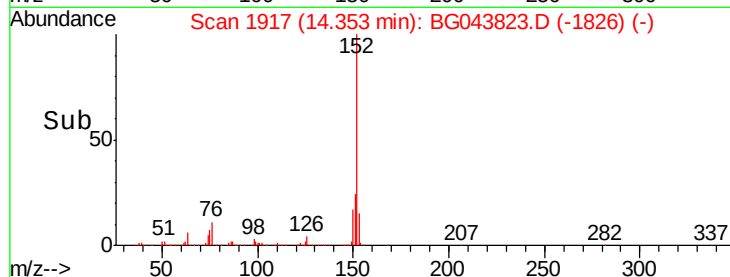
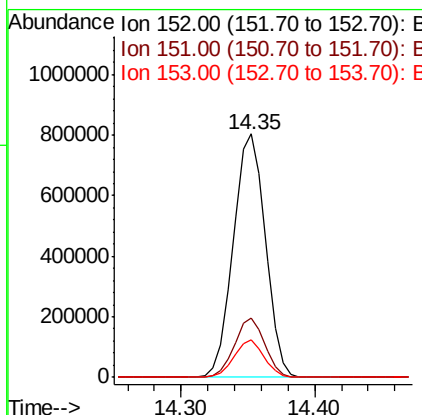
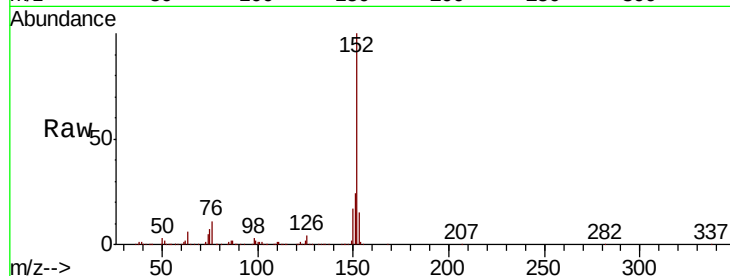
#49
Acenaphthylene
Concen: 42.281 ng
RT: 14.35 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB125517BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	24.1	18.5	27.7
153	15.3	11.8	17.8

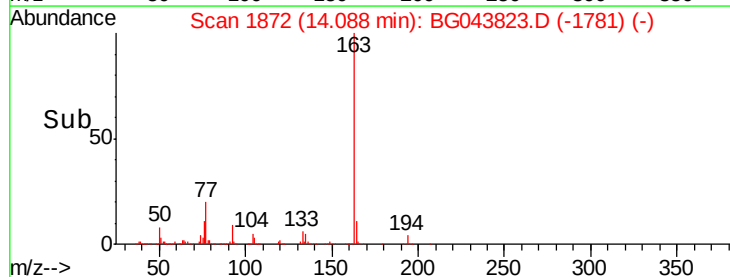
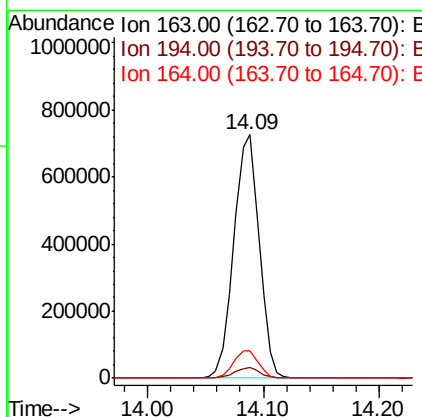
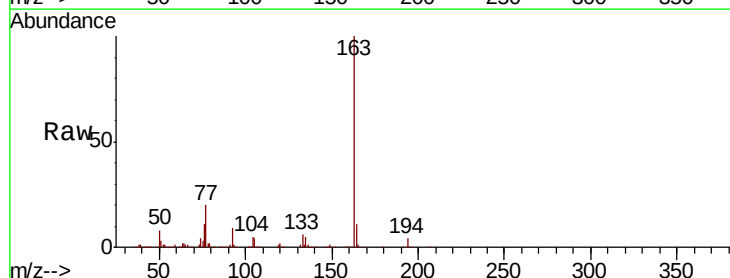
Manual Integrations
APPROVED

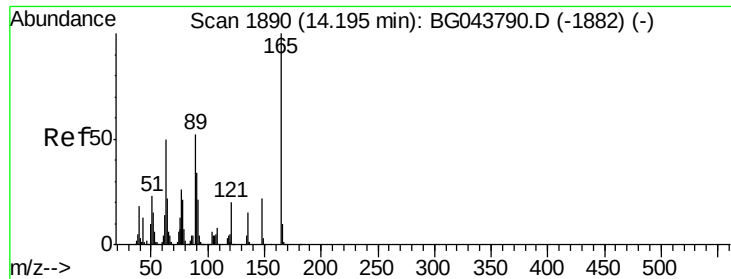
mohammad
12/18/2019 2:40:45 PM



#50
Dimethylphthalate
Concen: 41.071 ng
RT: 14.09 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	11.2	9.4	14.0





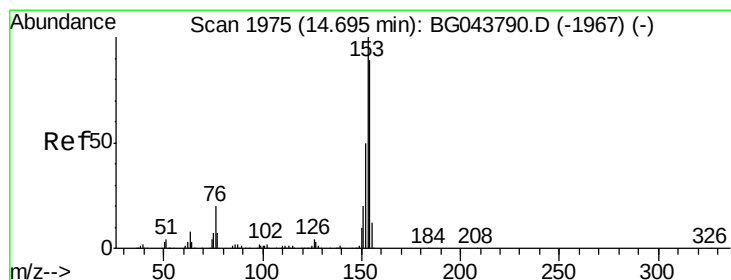
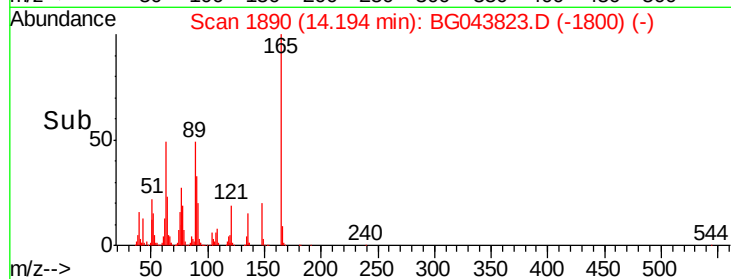
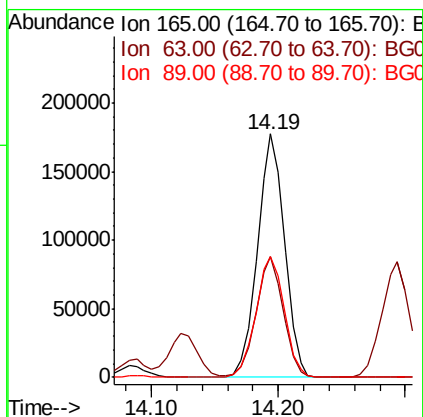
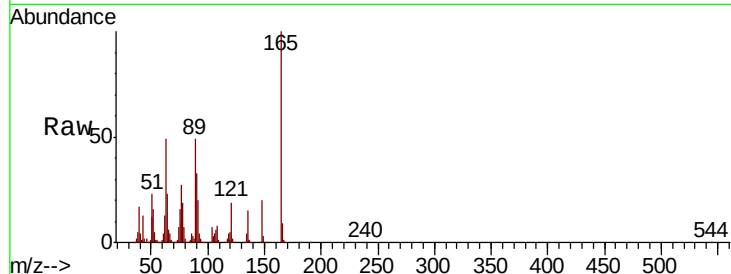
#51
2,6-Dinitrotoluene
Concen: 45.548 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB125517BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.5	40.3	60.5
89	49.3	41.8	62.8

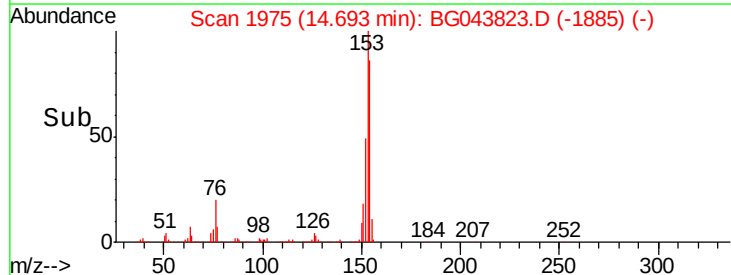
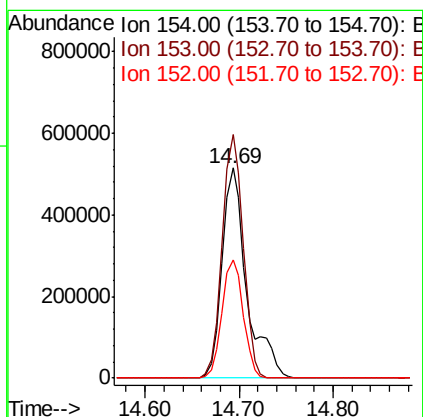
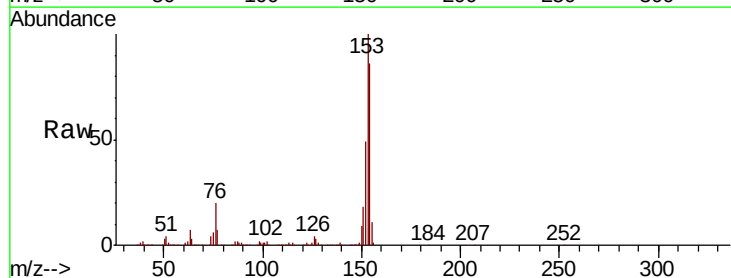
Manual Integrations
APPROVED

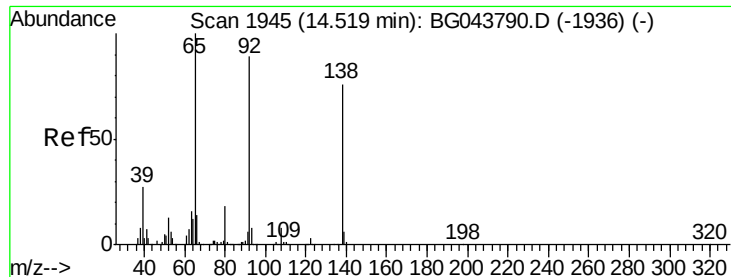
mohammad
12/18/2019 2:40:45 PM



#52
Acenaphthene
Concen: 45.409 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.8	89.5	134.3
152	56.4	45.0	67.4





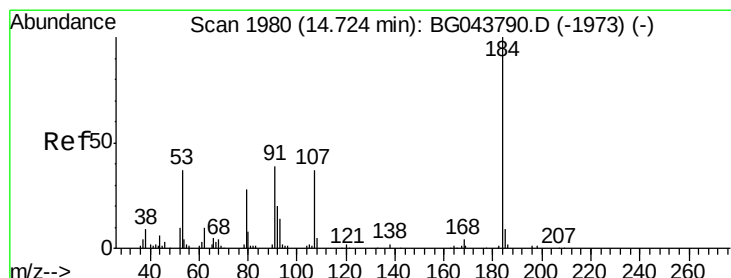
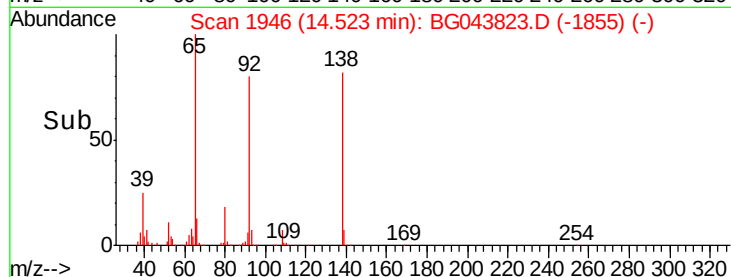
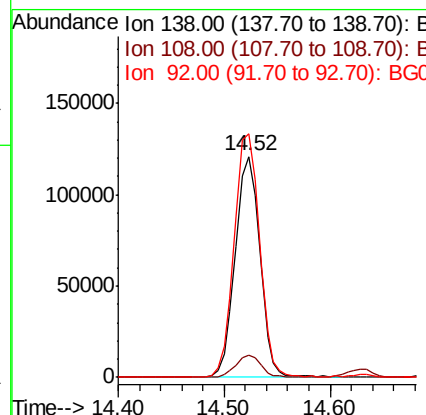
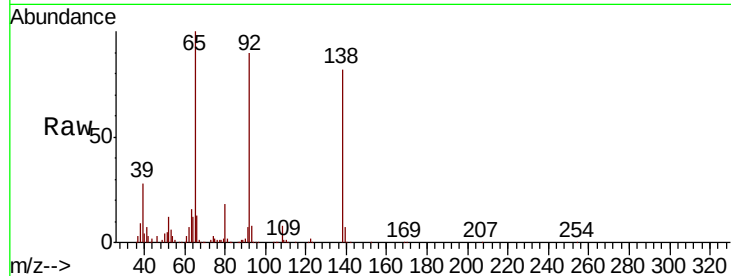
#53
3-Nitroaniline
Concen: 29.393 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB125517BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	194995		
108	10.3	8.1	12.1	
92	110.1	94.6	141.8	

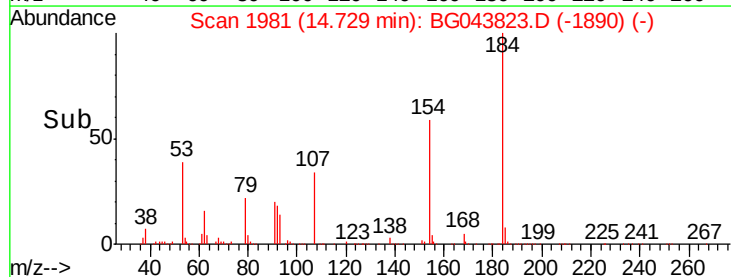
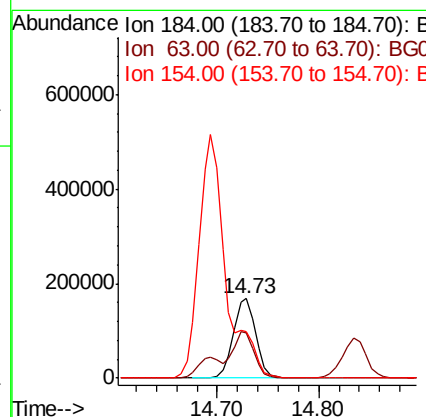
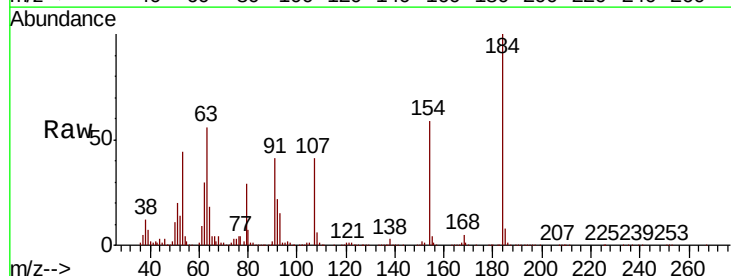
Manual Integrations
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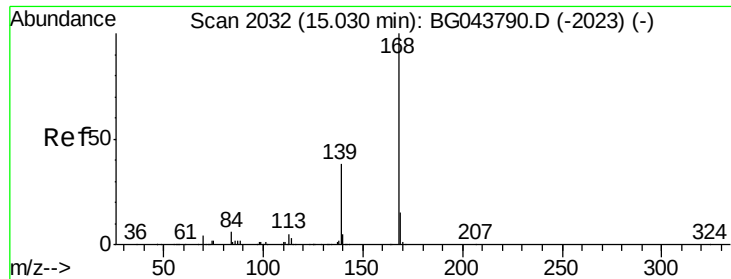
mohammad
12/18/2019 2:40:45 PM



#54
2,4-Dinitrophenol
Concen: 99.553 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	260131		
63	56.2	43.4	65.0	
154	58.8	54.8	82.2	





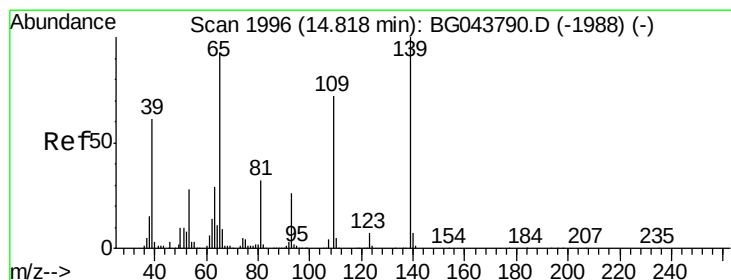
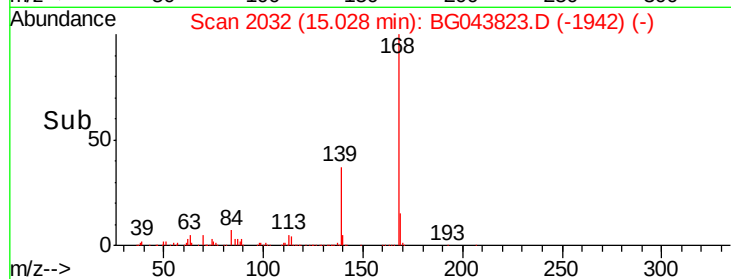
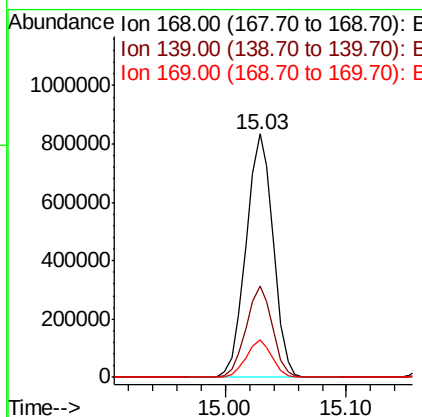
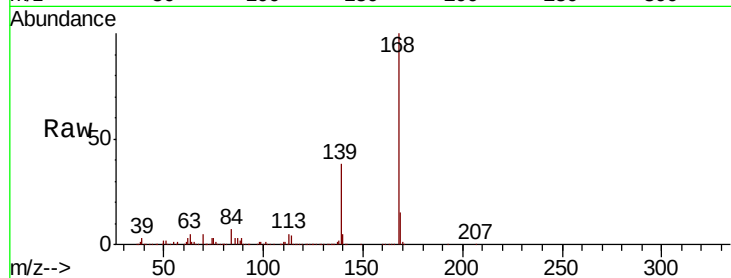
#55
Dibenzenofuran
Concen: 42.353 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB125517BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.4	45.6
169	15.4	12.0	18.0

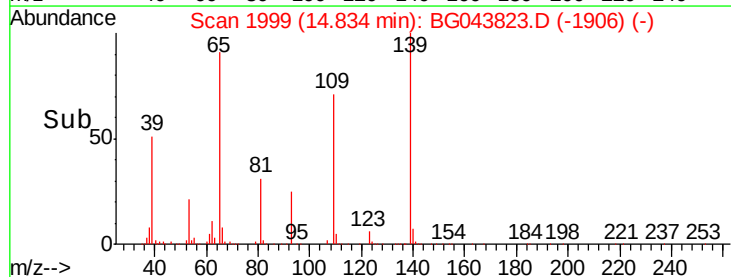
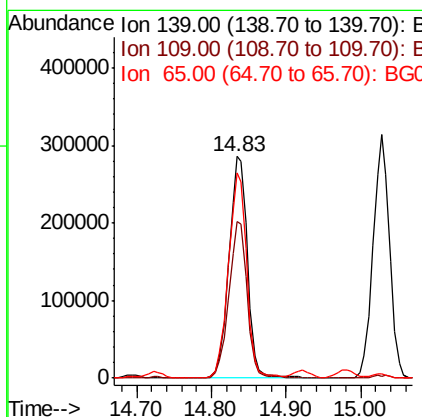
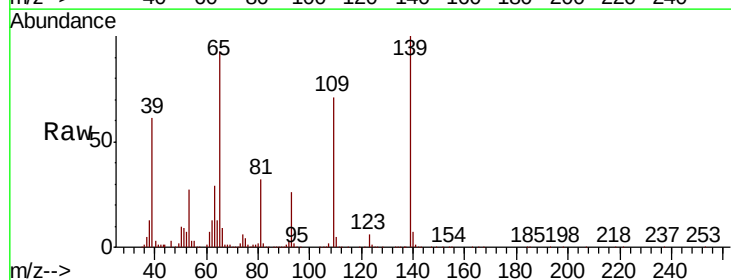
Manual Integrations
APPROVED

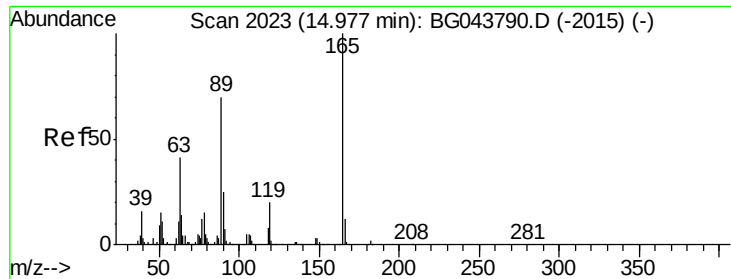
mohammad
12/18/2019 2:40:45 PM



#56
4-Nitrophenol
Concen: 102.336 ng
RT: 14.83 min Scan# 1999
Delta R.T. 0.02 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.9	51.5	91.5
65	92.7	73.7	113.7





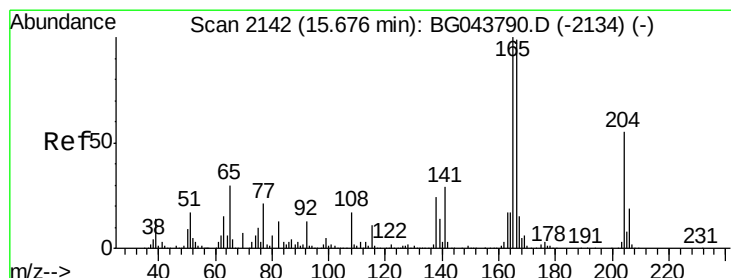
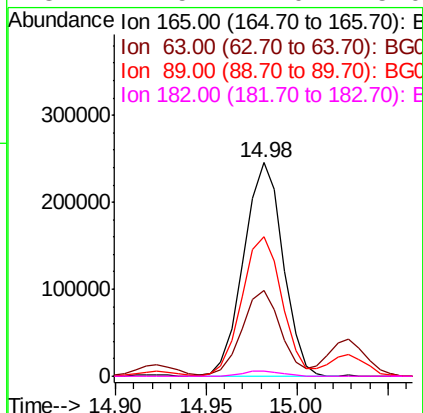
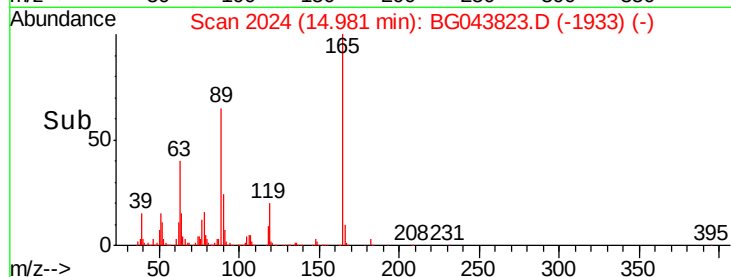
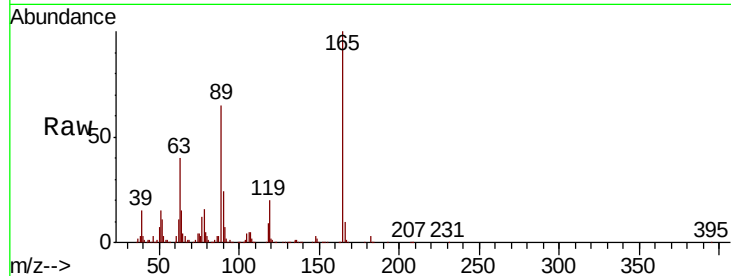
#57
2,4-Dinitrotoluene
Concen: 47.206 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB125517BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		369780		
63	40.1		32.7	49.1	
89	65.4		56.1	84.1	
182	2.5		2.0	3.0	

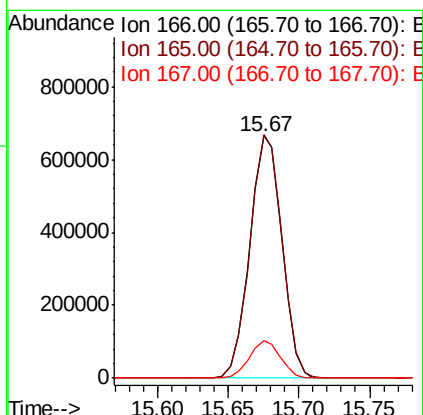
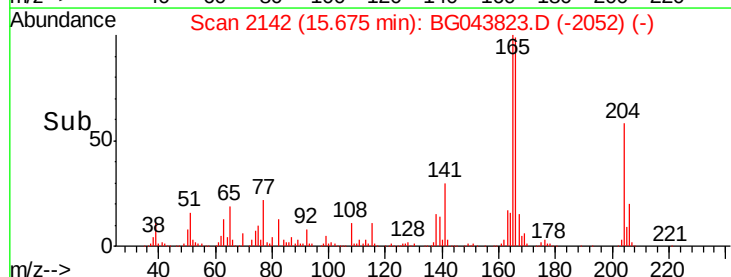
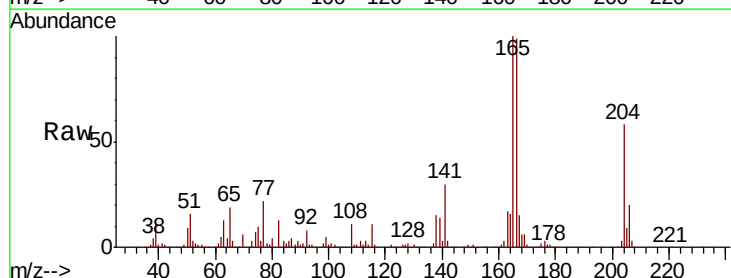
Manual Integrations
APPROVED

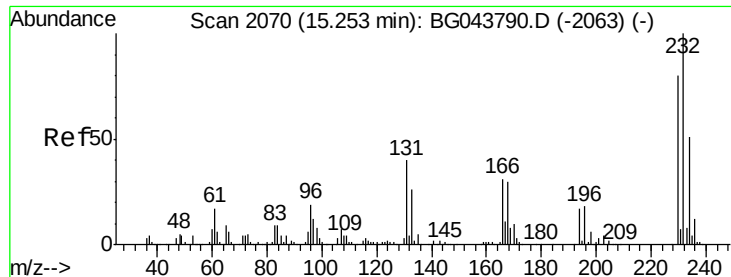
mohammad
12/18/2019 2:40:45 PM



#58
Fluorene
Concen: 42.750 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1061780		
165	100.5		80.5	120.7	
167	15.3		12.1	18.1	





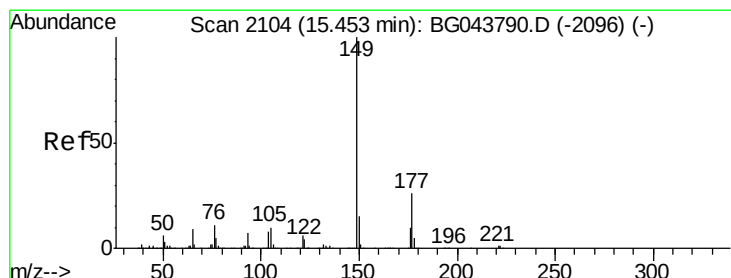
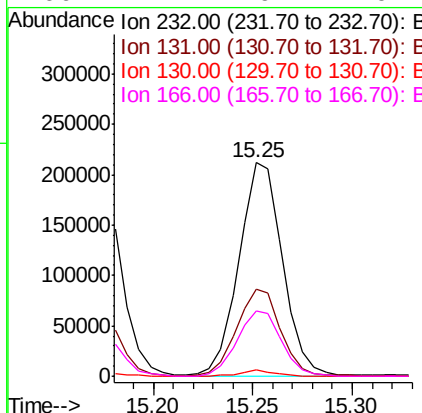
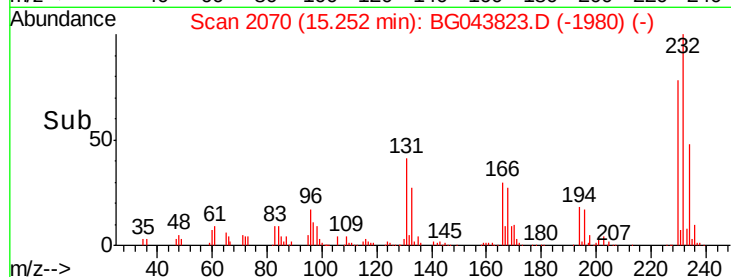
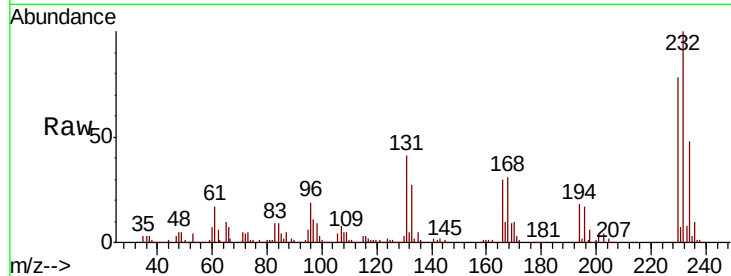
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.071 ng/ml
RT: 15.25 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB125517BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	325277		
131	35.7		27.9	41.9
130	2.2		1.8	2.8
166	24.7		19.4	29.2

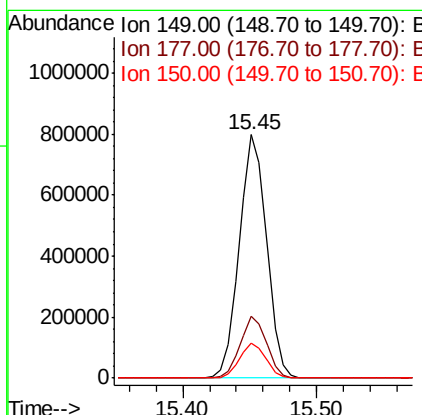
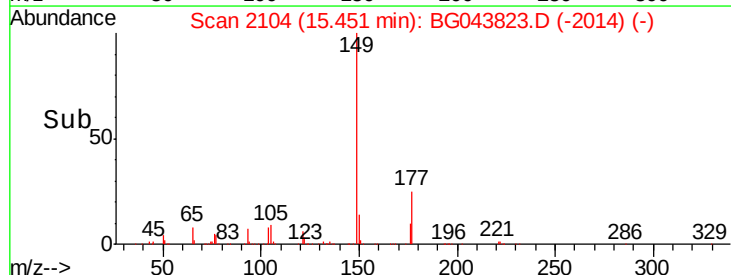
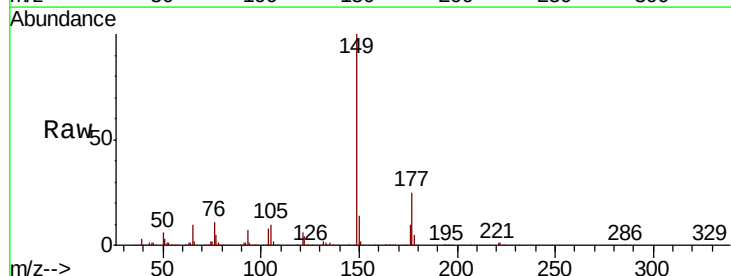
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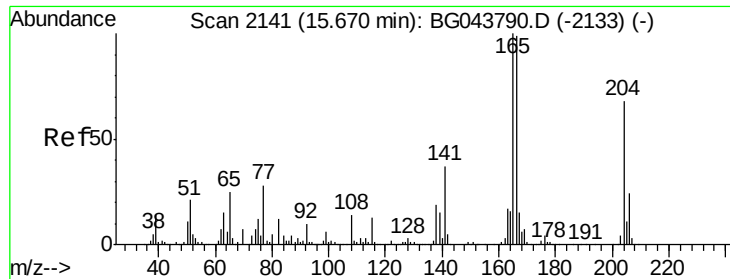
mohammad
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#60
Diethylphthalate
Concen: 41.865 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1124939		
177	25.2		20.4	30.6
150	14.4		11.6	17.4





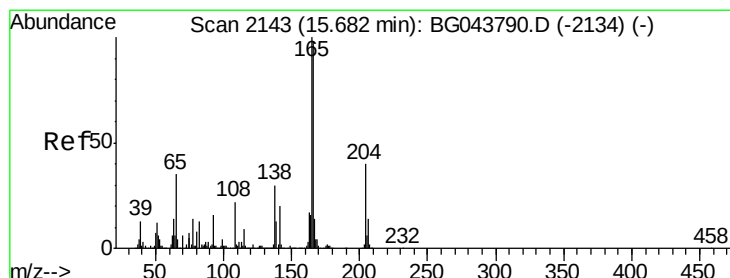
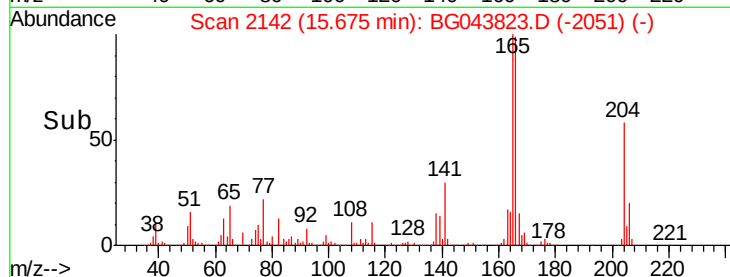
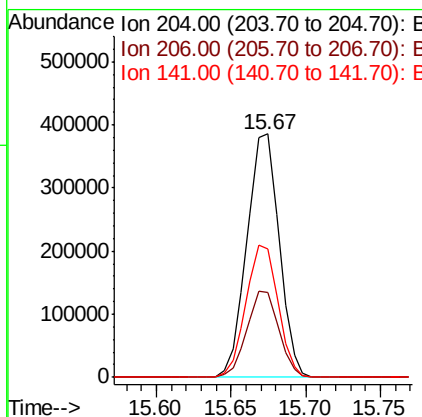
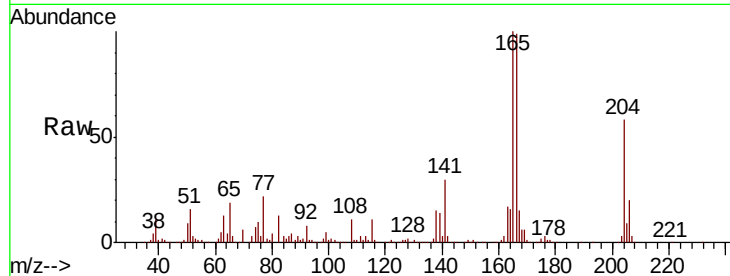
#61
 4-Chlorophenyl-phenylether
 Concen: 41.411 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BG043823.D
 Acq: 17 Dec 2019 17:22

Instrument :
 BNA_G
 ClientSampleID :
 PB125517BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	28.1	42.1
141	52.6	44.1	66.1

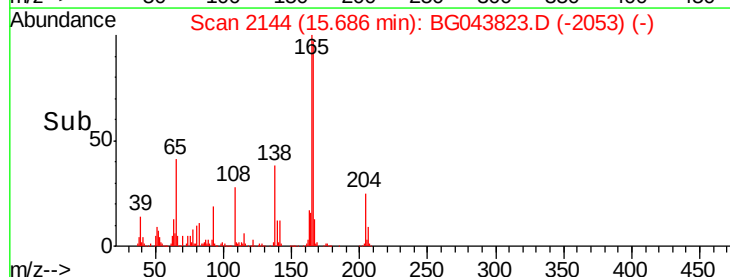
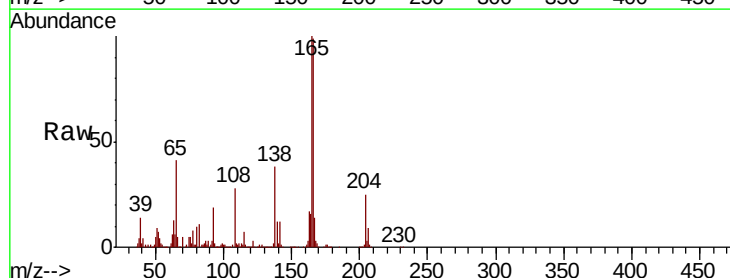
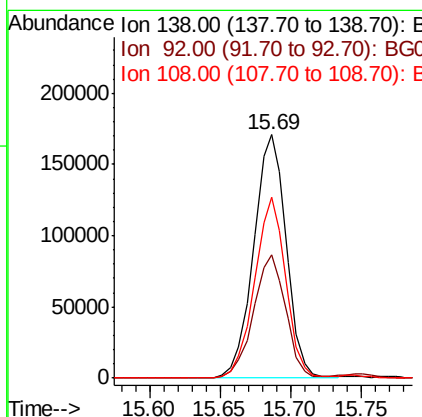
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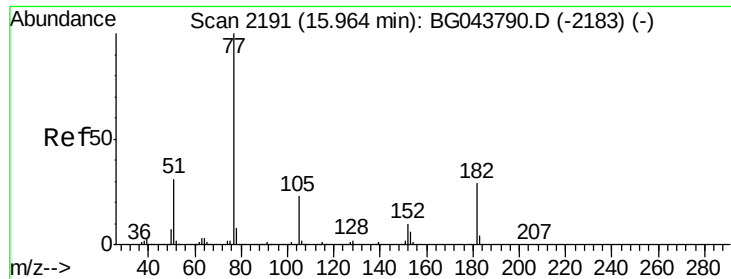
mohammad
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#62
 4-Nitroaniline
 Concen: 40.301 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG043823.D
 Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	31.5	71.5
108	74.1	53.1	93.1





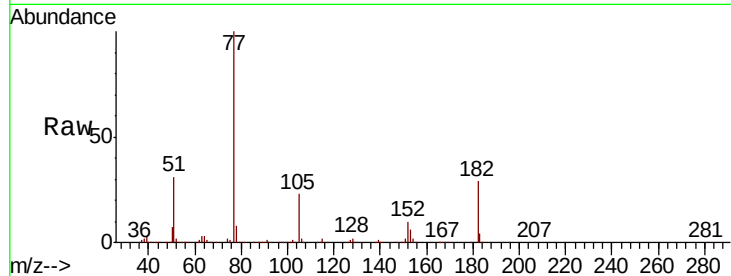
#63
Azobenzene
Concen: 42.627 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB125517BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.9	9.0	49.0
105	23.1	2.9	42.9
51	30.8	10.6	50.6

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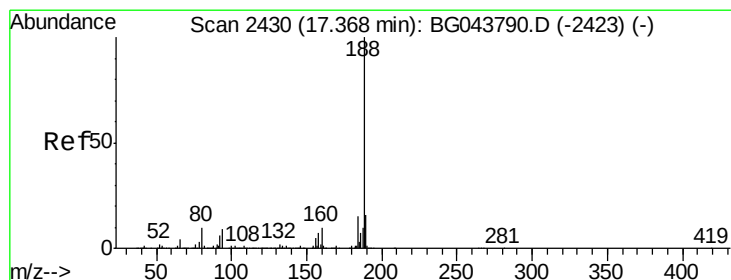
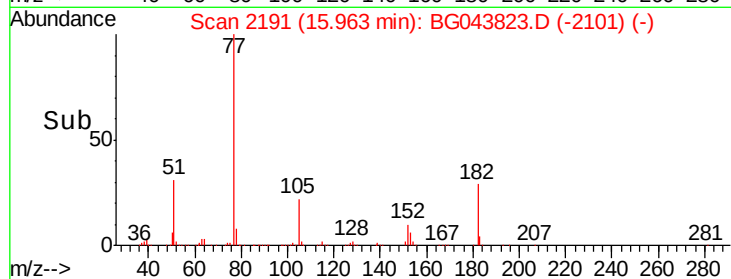
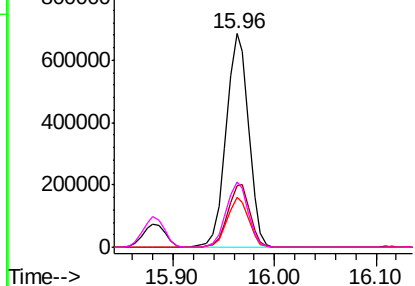
Abundance

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. 0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

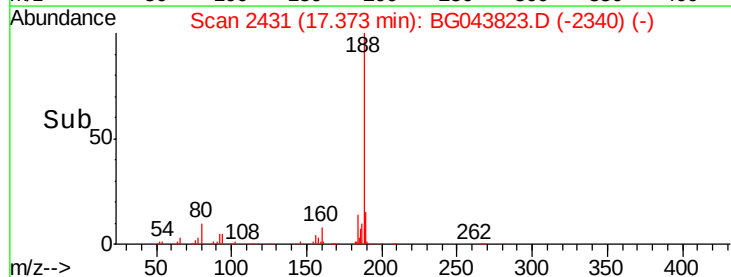
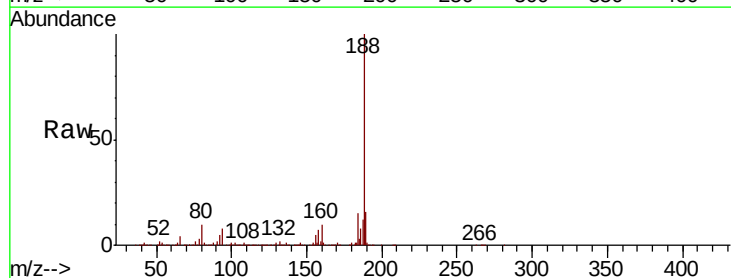
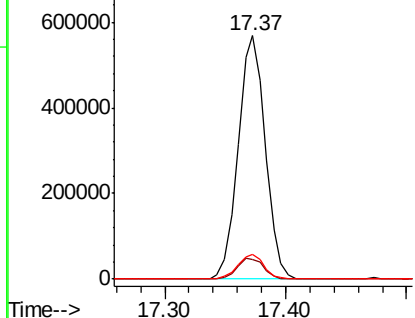
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	10.0	7.8	11.8

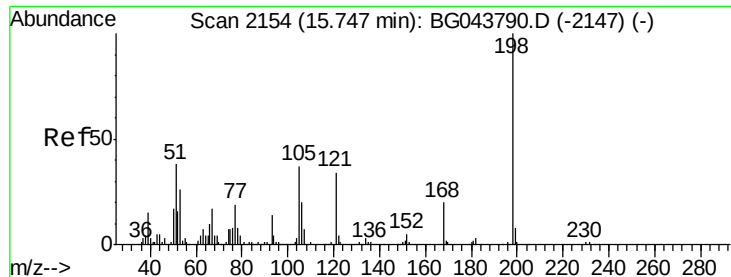
Abundance

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





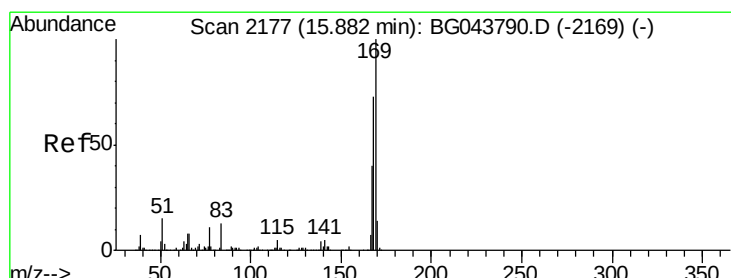
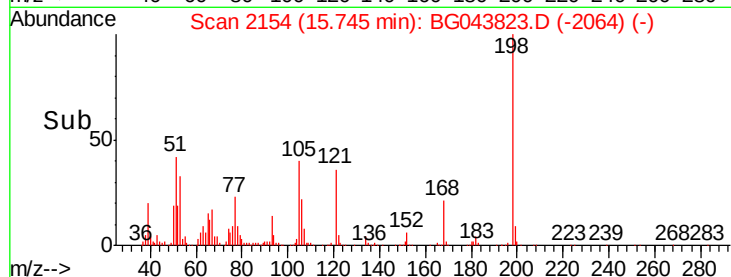
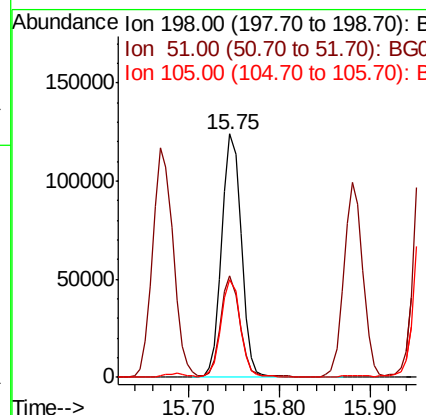
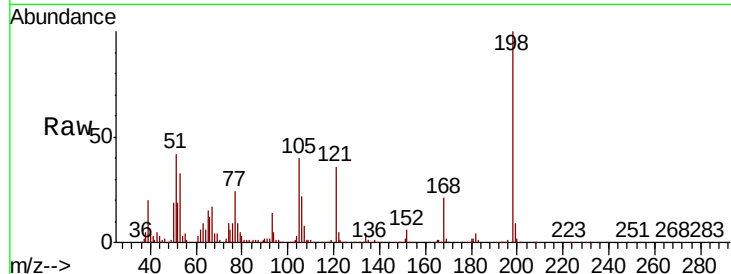
#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.200 ng
 RT: 15.75 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG043823.D
 Acq: 17 Dec 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB125517BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	186167		
51	41.7	18.9	58.9	
105	40.1	18.1	58.1	

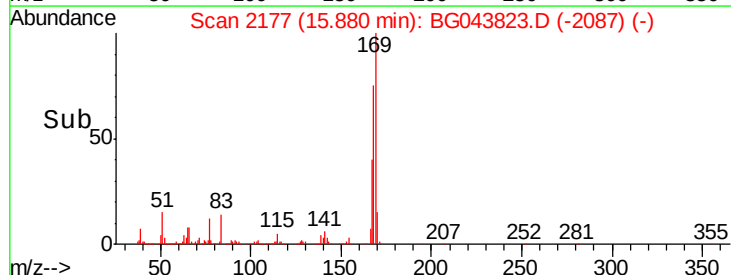
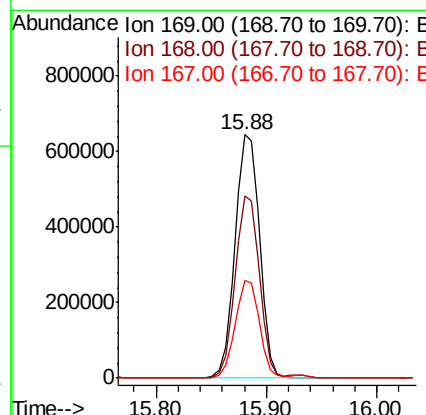
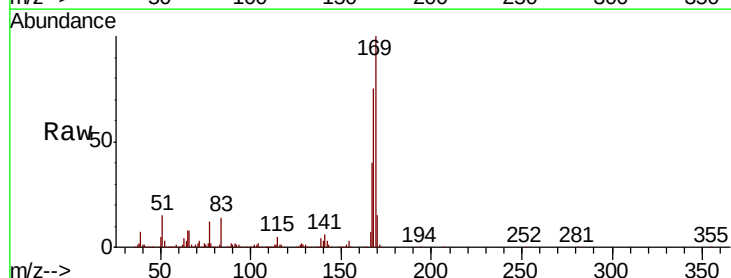
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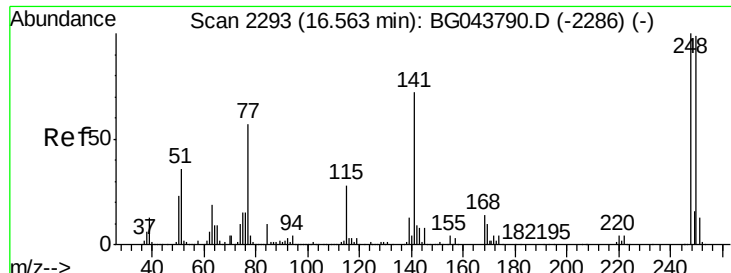
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#66
 n-Nitrosodiphenylamine
 Concen: 41.102 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BG043823.D
 Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1011741		
168	75.1	58.5	87.7	
167	40.2	32.1	48.1	





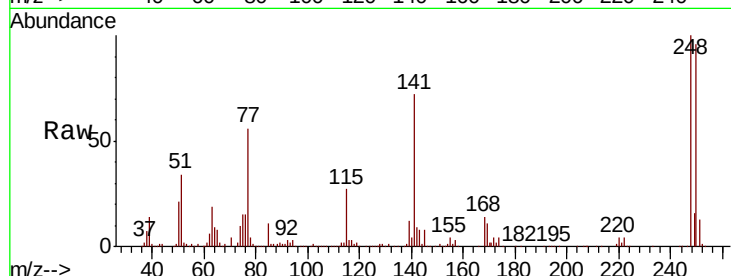
#67
 4-Bromophenyl-phenylether
 Concen: 39.319 ng
 RT: 16.56 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG043823.D
 Acq: 17 Dec 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB125517BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	79.0	118.6
141	72.0	57.8	86.6

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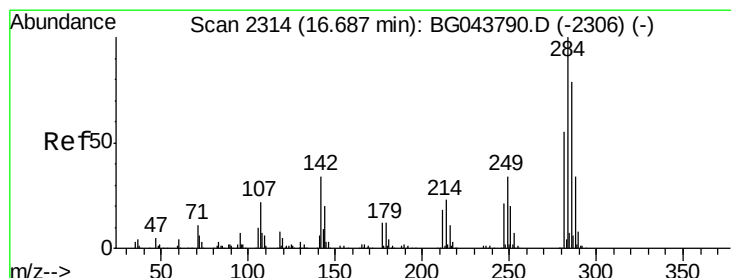
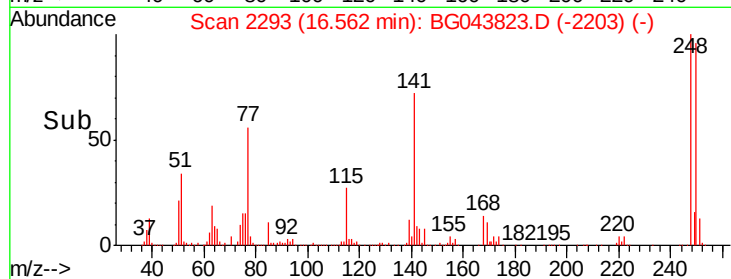
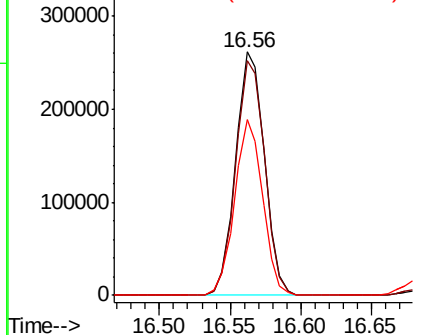


Abundance

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: 38.383 ng
 RT: 16.69 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BG043823.D
 Acq: 17 Dec 2019 17:22

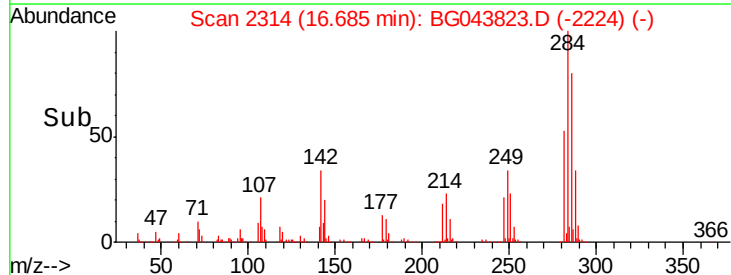
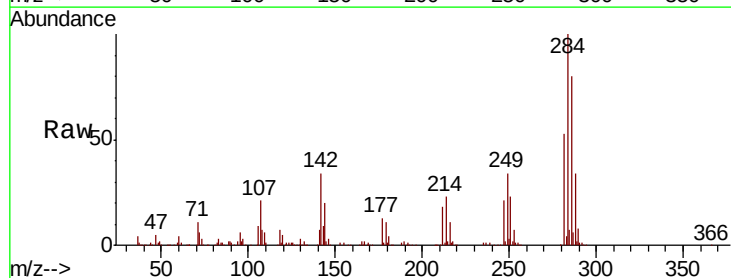
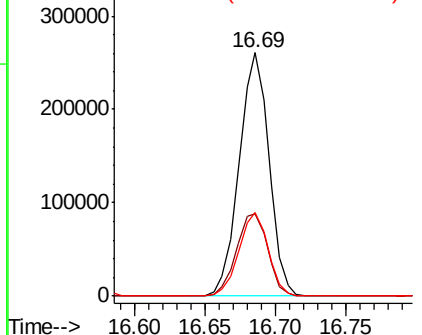
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	27.0	40.6
249	34.5	27.2	40.8

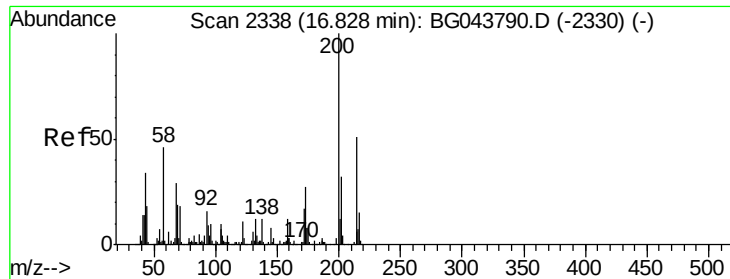
Abundance

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: 50.863 ng

RT: 16.83 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA_G

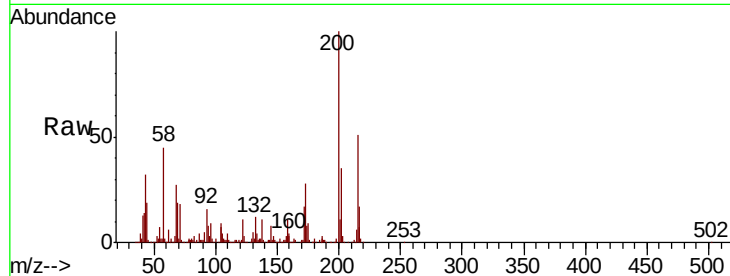
ClientSampleId :

PB125517BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	7.4	47.4
215	50.9	30.5	70.5

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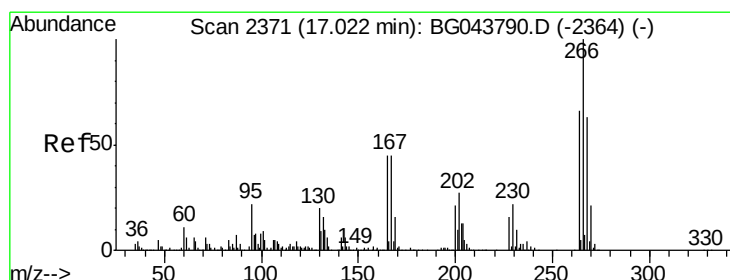
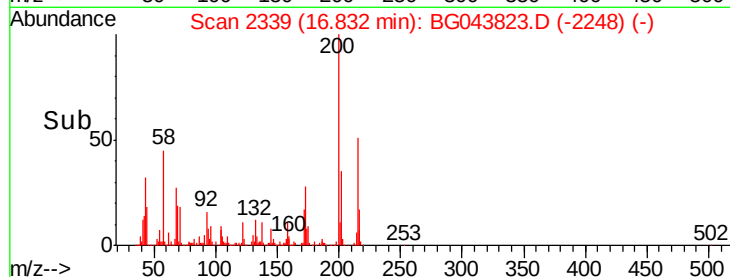
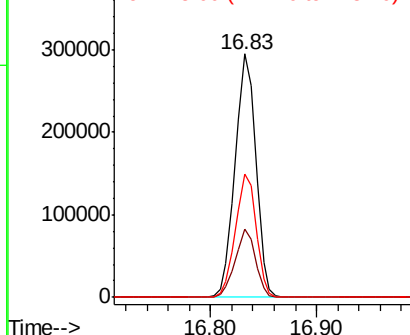


Abundance

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: 88.698 ng

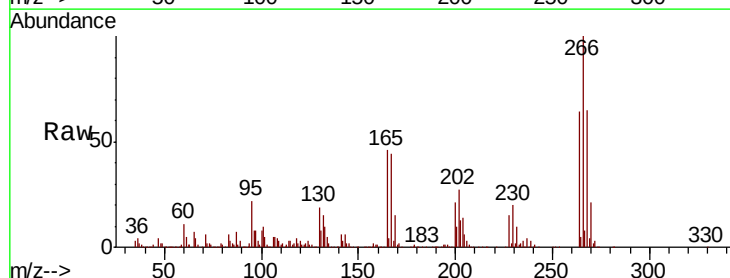
RT: 17.03 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	50.8	76.2
264	64.2	53.0	79.4

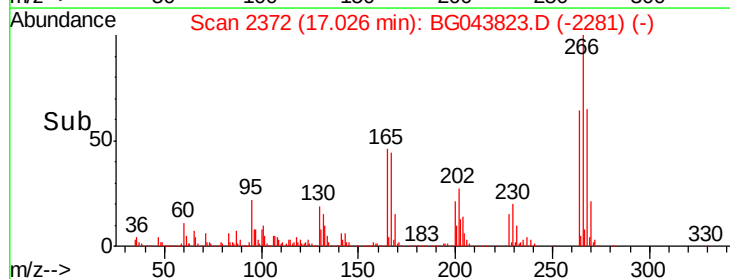
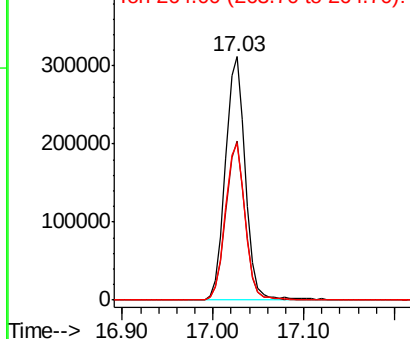


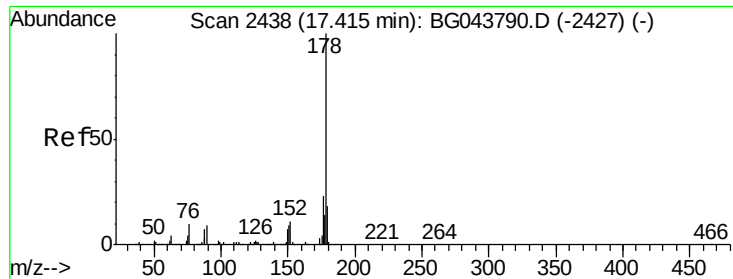
Abundance

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





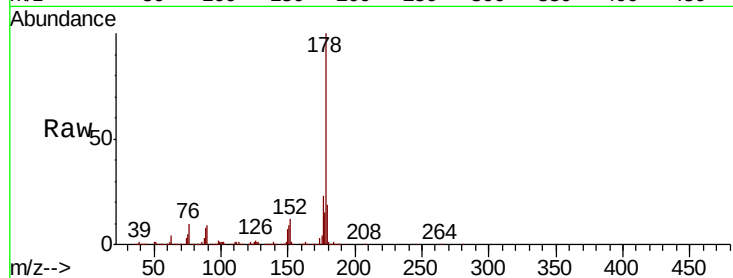
#71
Phenanthrene
Concen: 40.887 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB125517BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.5	18.6	27.8
179	19.0	14.7	22.1

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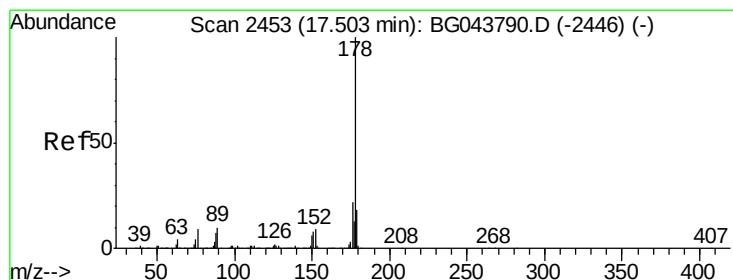
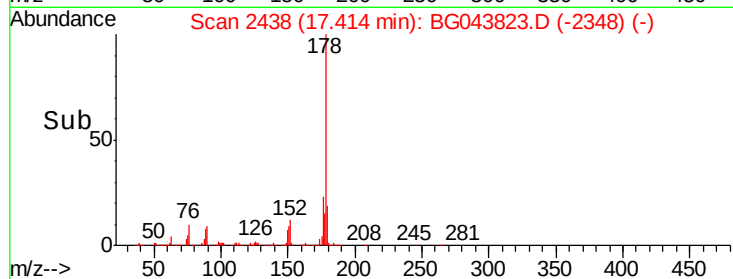
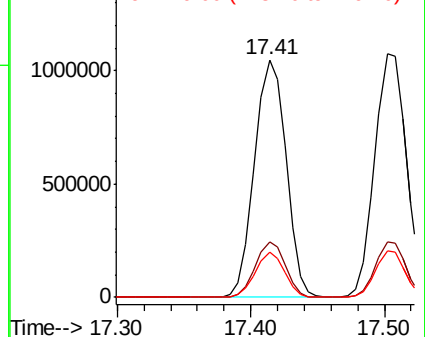


Abundance

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: 42.396 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

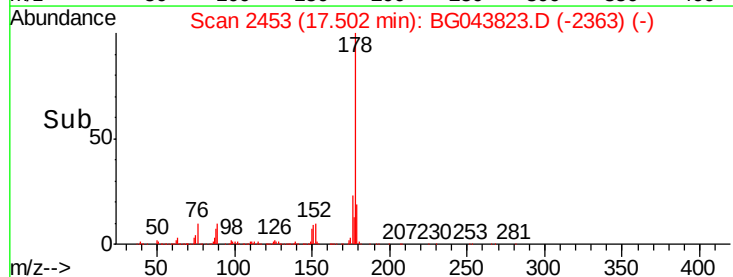
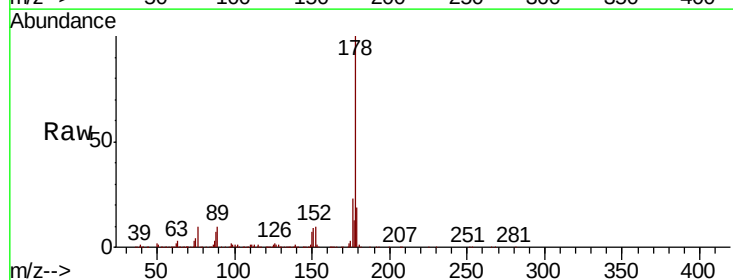
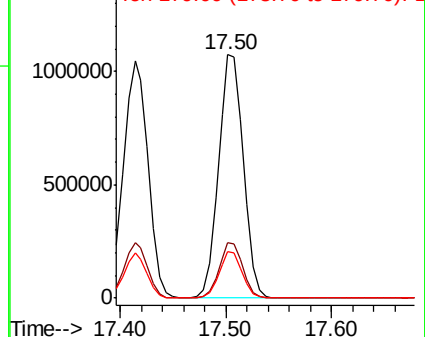
Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.6	17.7	26.5
179	18.8	14.5	21.7

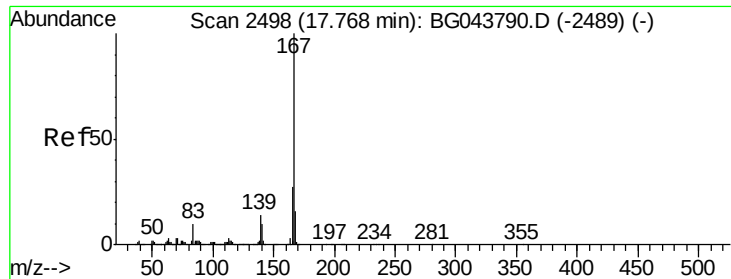
Abundance

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: 41.202 ng

RT: 17.77 min Scan# 2498

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB125517BS

Tot Ion:167 Resp: 1598472

Ion Ratio Lower Upper

167 100

166 27.0 21.4 32.2

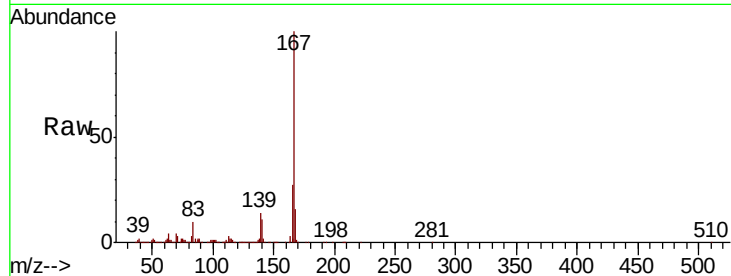
139 14.4 11.0 16.4

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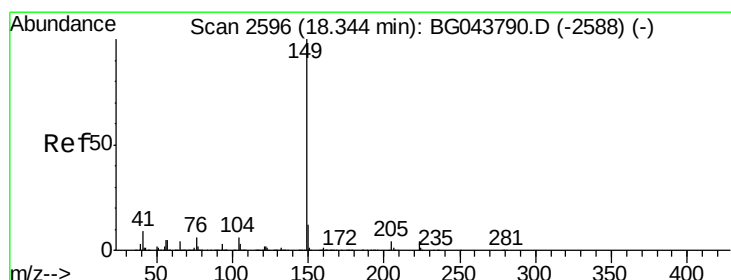
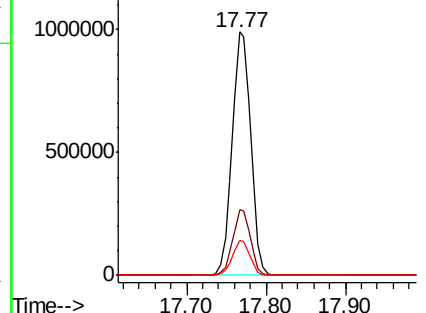
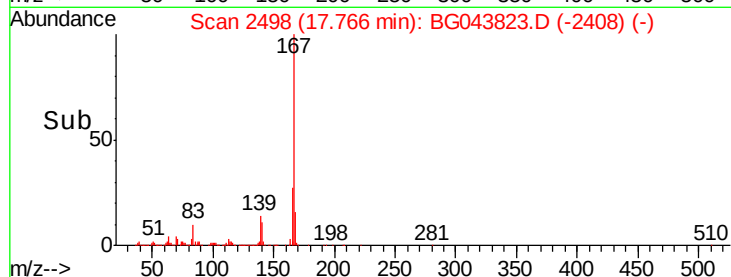
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.187 ng

RT: 18.34 min Scan# 2596

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

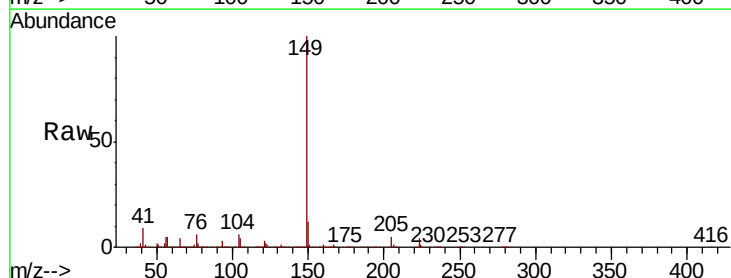
Tgt Ion:149 Resp: 1831812

Ion Ratio Lower Upper

149 100

150 11.7 9.4 14.0

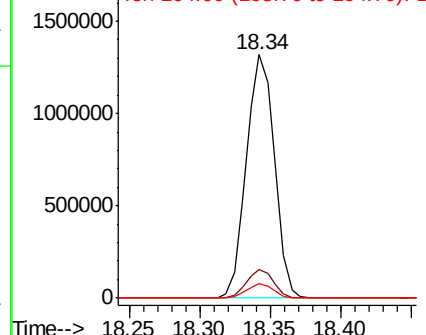
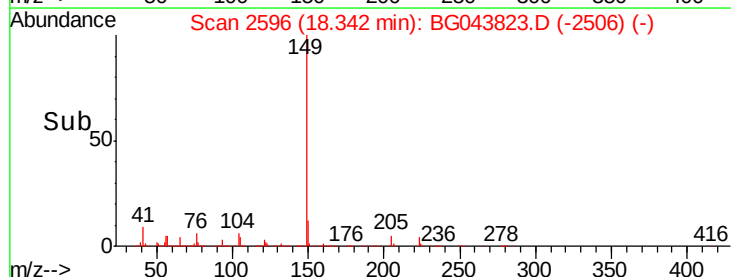
104 6.1 4.8 7.2

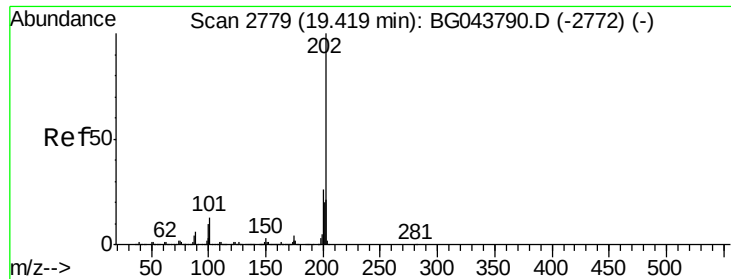


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.118 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB125517BS

Tot Ion:202 Resp: 1973059

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.7

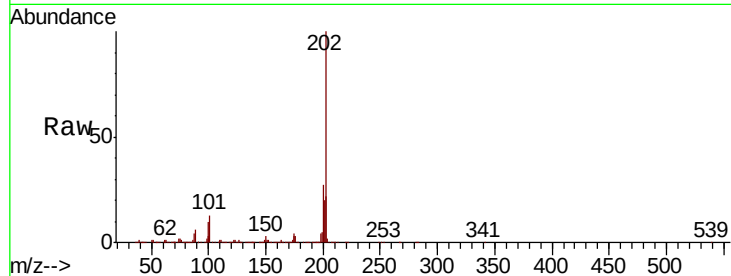
203 22.5 1.0 41.0

Manual Integrations

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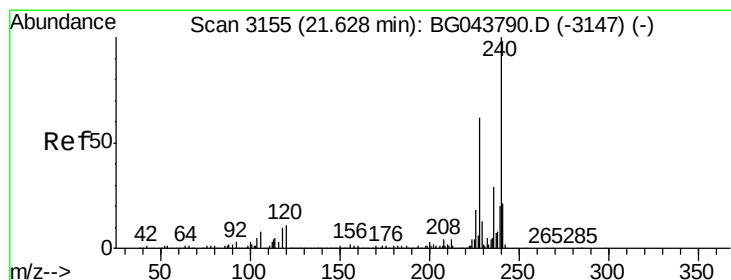
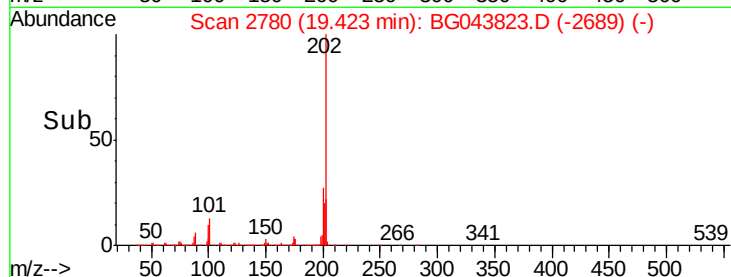
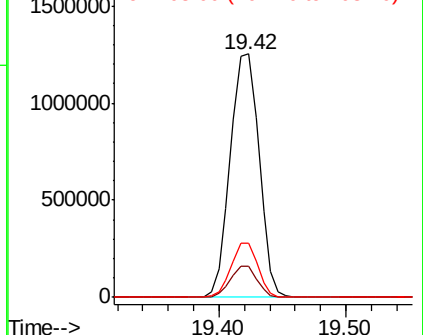
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

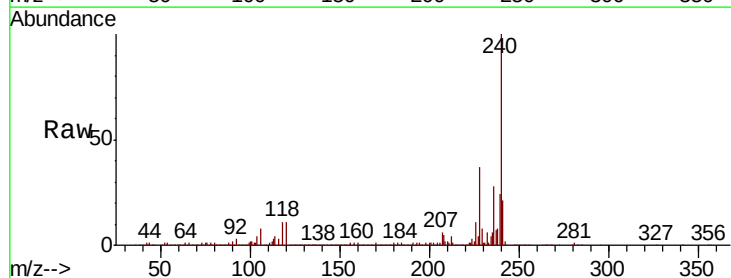
Tgt Ion:240 Resp: 758676

Ion Ratio Lower Upper

240 100

120 11.3 8.6 12.8

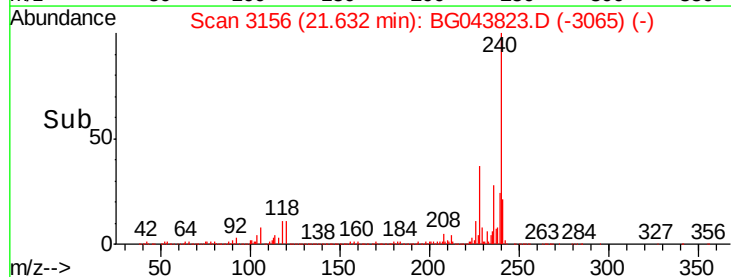
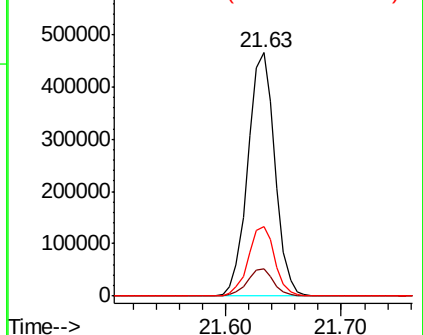
236 28.4 23.1 34.7

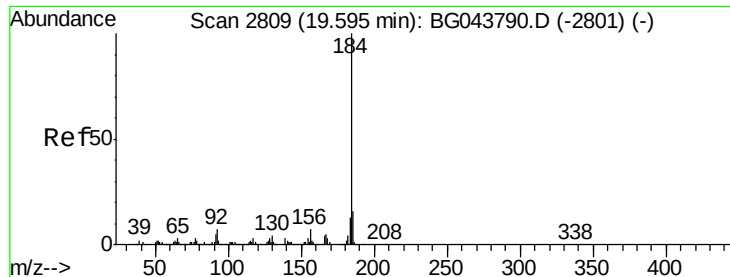


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.259 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA_G

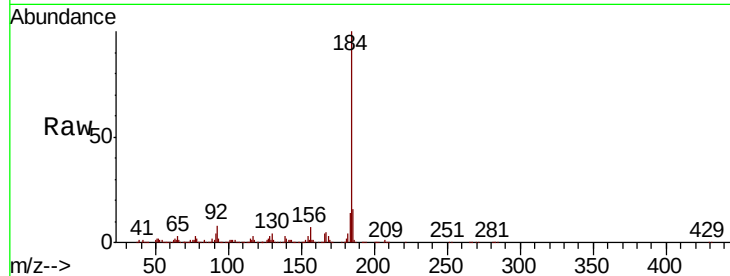
ClientSampleId :

PB125517BS

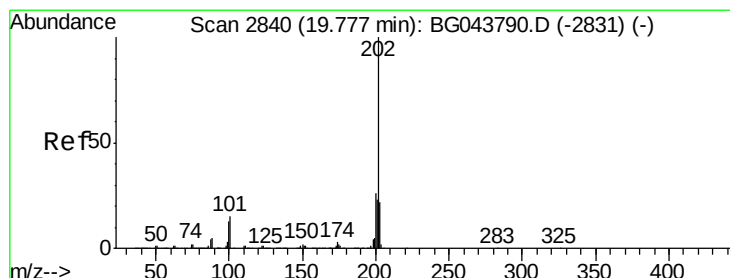
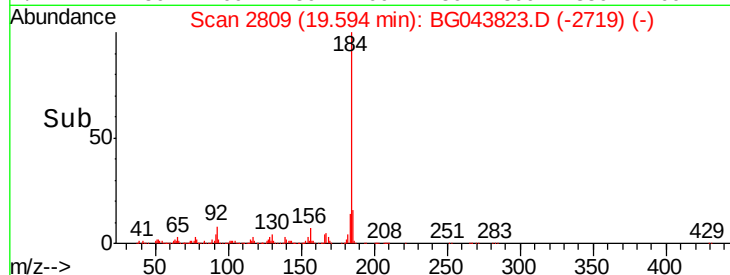
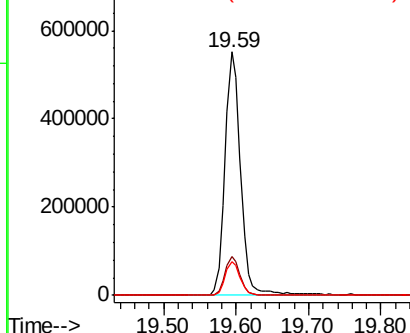
Tot Ion:	184	Resp:	831860
Ion Ratio	Lower	Upper	
184	100		
185	16.2	12.9	19.3
183	14.1	10.3	15.5

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.168 ng

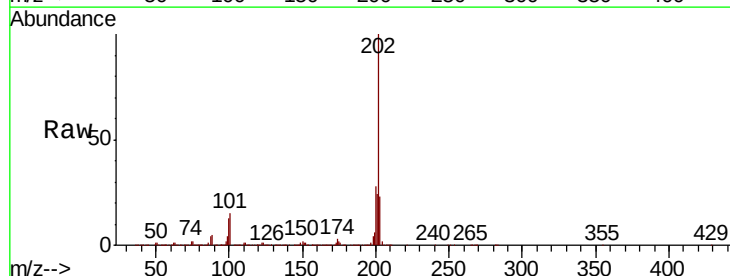
RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

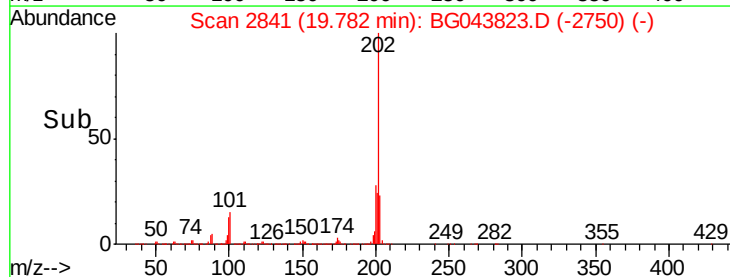
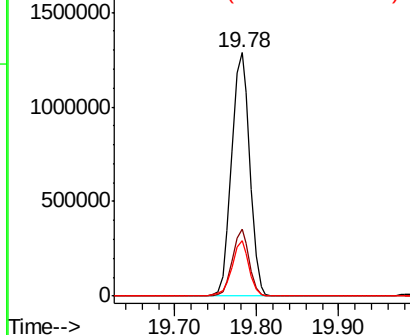
Lab File: BG043823.D

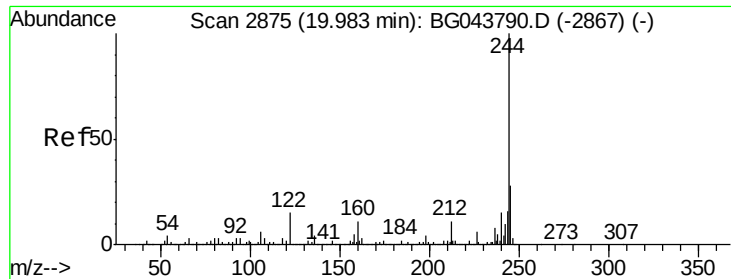
Acq: 17 Dec 2019 17:22

Tgt Ion:	202	Resp:	1991548
Ion Ratio	Lower	Upper	
202	100		
200	27.7	20.8	31.2
203	22.9	17.7	26.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.070 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB125517BS

Tot Ion:244 Resp: 2430442

Ion Ratio Lower Upper

244 100

212 11.7 9.1 13.7

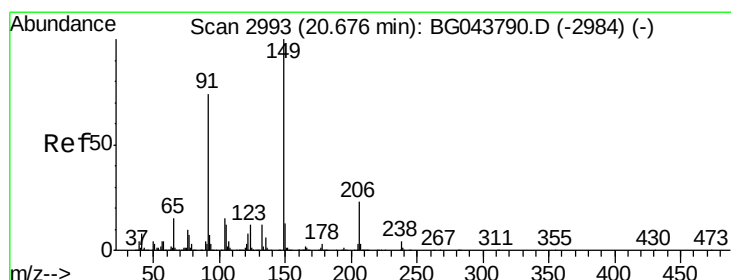
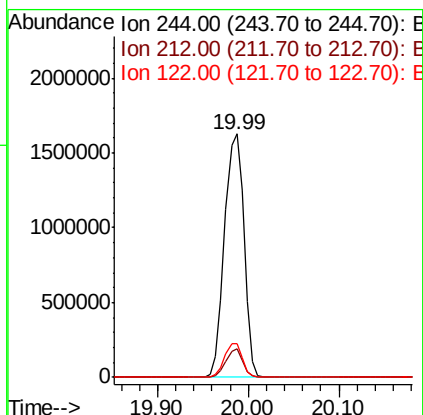
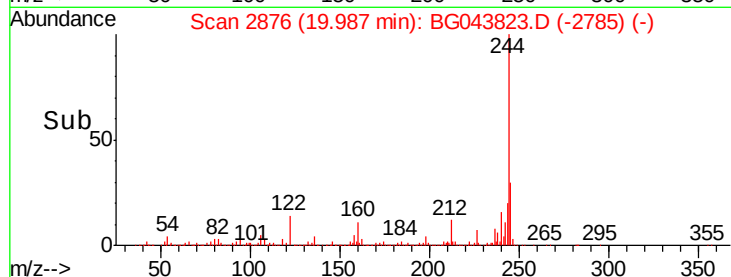
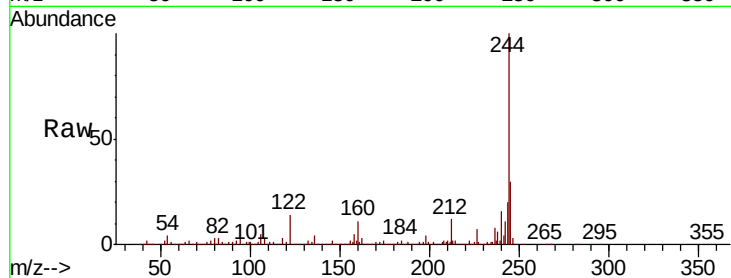
122 13.8 11.6 17.4

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#80

Butylbenzylphthalate

Concen: 43.023 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

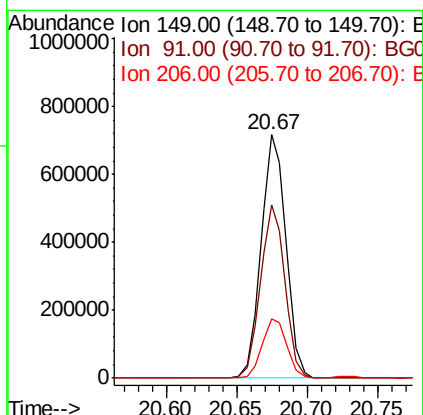
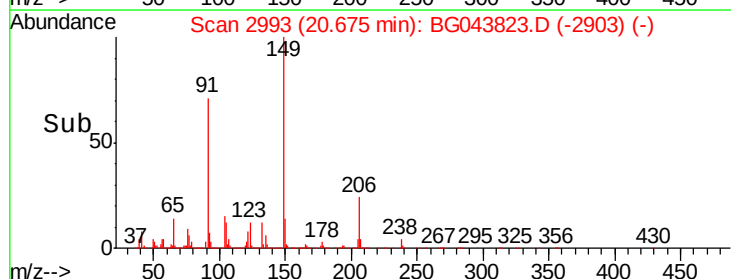
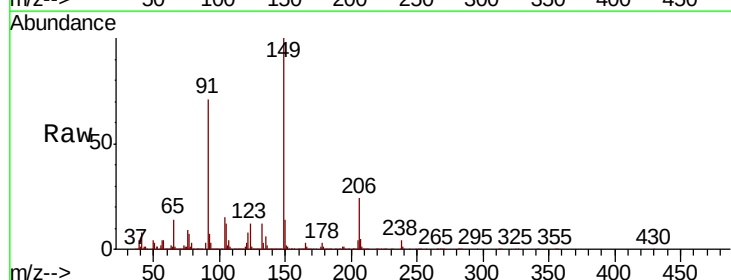
Tgt Ion:149 Resp: 888406

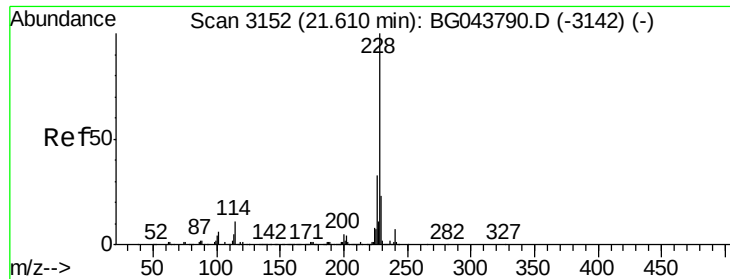
Ion Ratio Lower Upper

149 100

91 71.3 59.0 88.4

206 24.4 18.6 28.0





#81

Benzo(a)anthracene

Concen: 40.521 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB125517BS

Tot Ion:228 Resp: 1940282

Ion Ratio Lower Upper

228 100

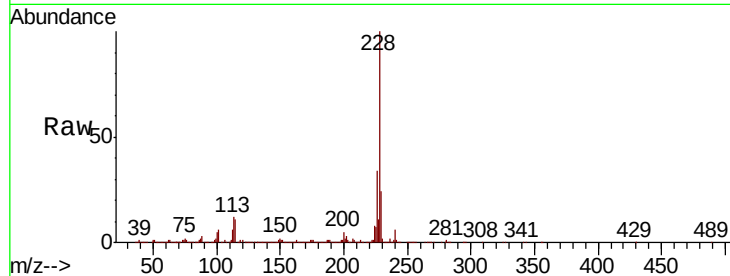
226 34.0 26.1 39.1

229 23.9 18.6 27.8

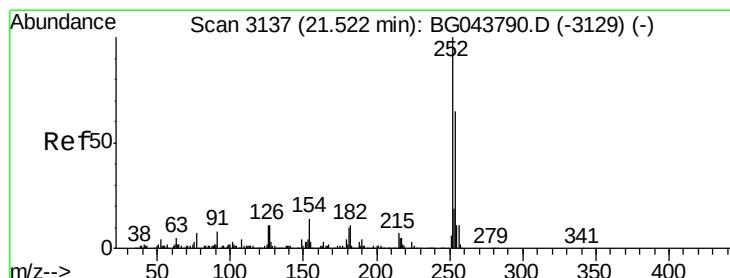
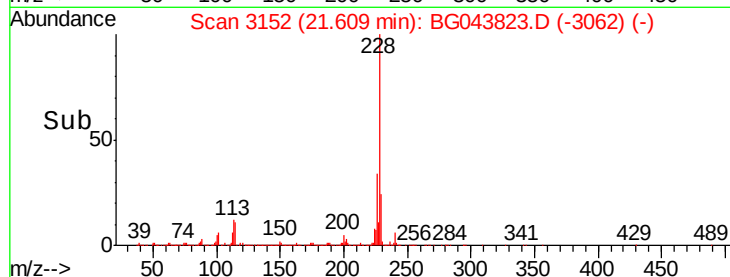
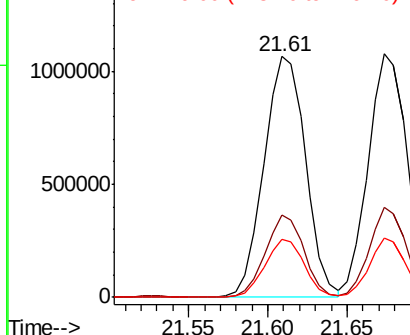
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.418 ng

RT: 21.53 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

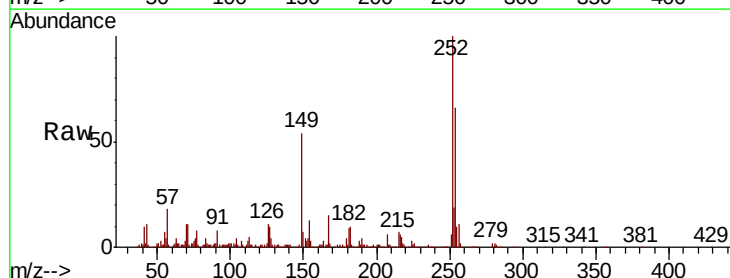
Tgt Ion:252 Resp: 573431

Ion Ratio Lower Upper

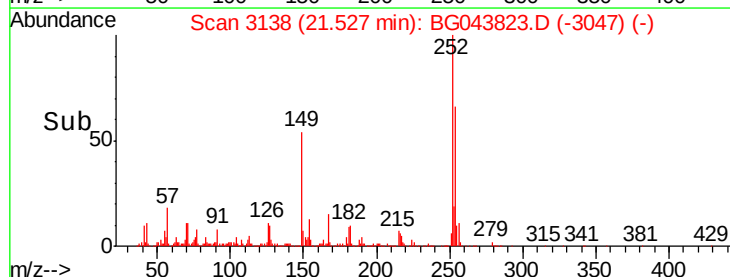
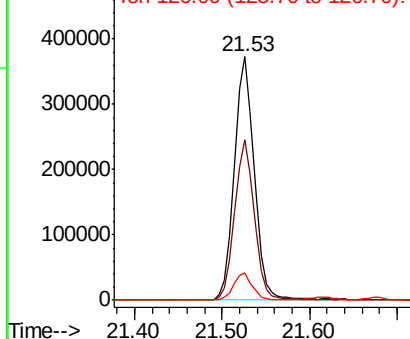
252 100

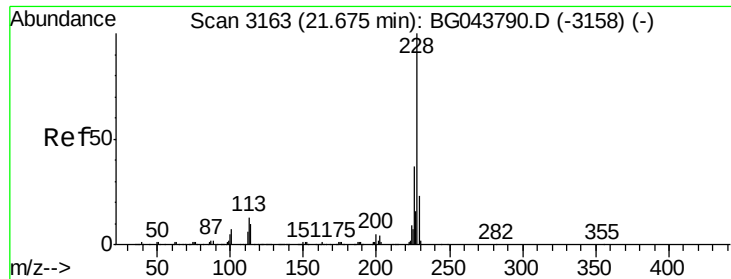
254 65.7 52.2 78.2

126 11.0 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

Chrysene

Concen: 40.205 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA_G

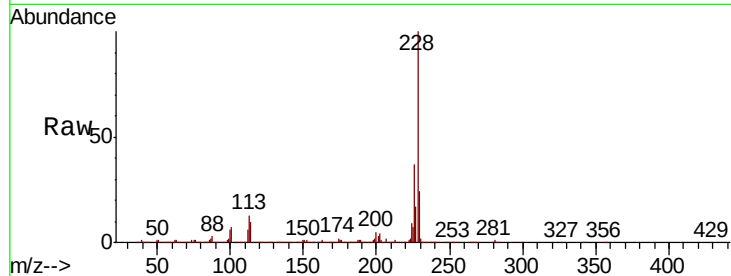
ClientSampleId :

PB125517BS

Tot Ion:	228	Resp:	1834136
Ion	Ratio	Lower	Upper
228	100		
226	36.7	29.1	43.7
229	24.4	18.6	28.0

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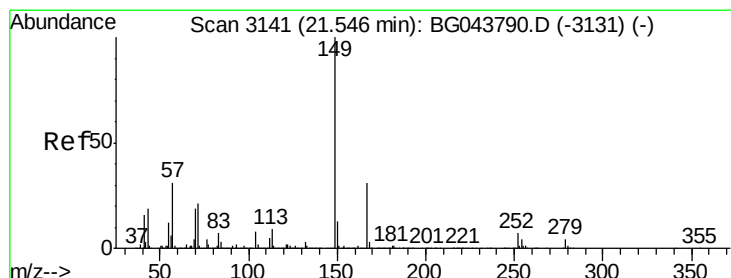
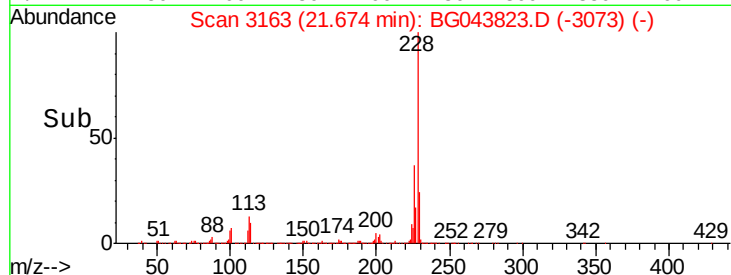
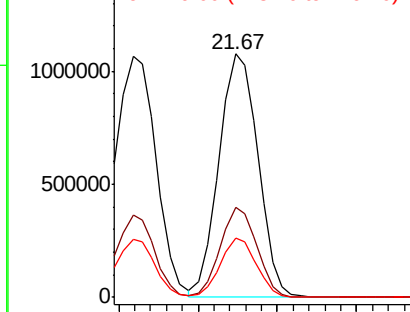


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.272 ng

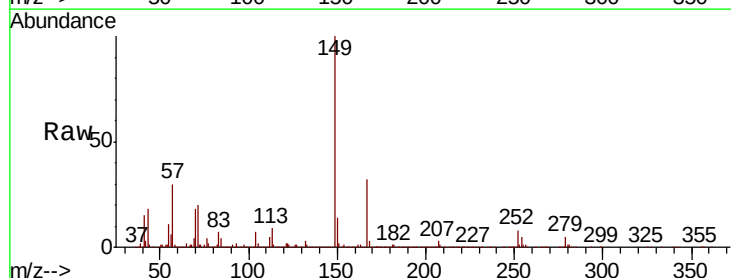
RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Tgt Ion:	149	Resp:	1222405
Ion	Ratio	Lower	Upper
149	100		
167	31.9	25.1	37.7
279	4.8	3.5	5.3

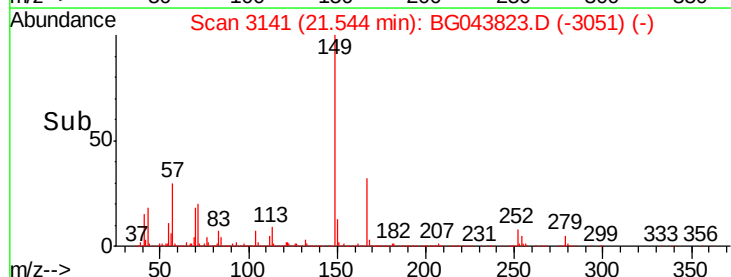
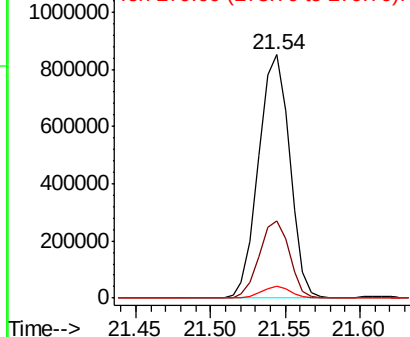


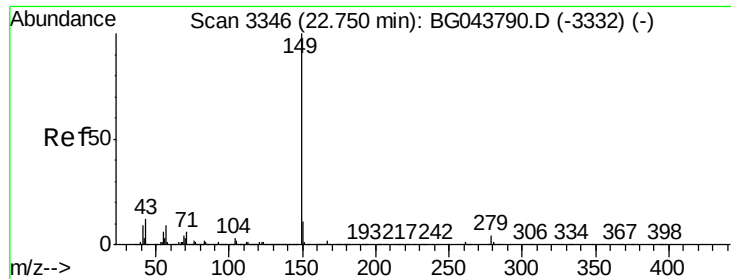
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





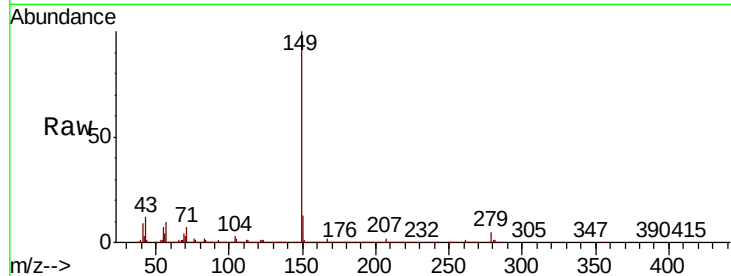
#85
Di-n-octyl phthalate
Concen: 43.413 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB125517BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.4	2.2
43	11.1	8.8	13.2

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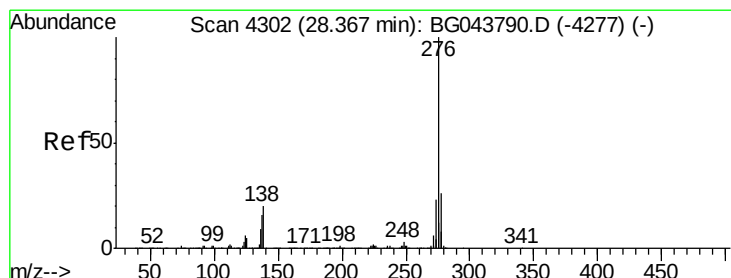
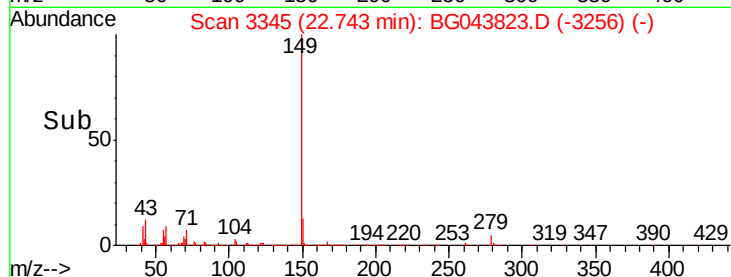
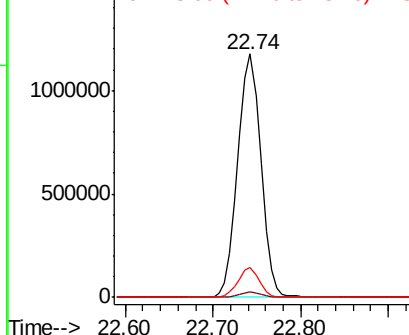


Abundance

Ion 149.00 (148.70 to 149.70): E

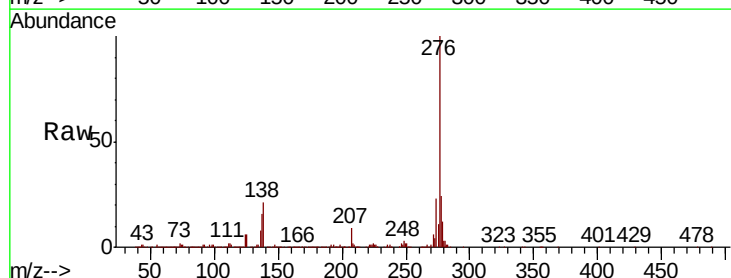
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.945 ng
RT: 28.38 min Scan# 4304
Delta R.T. 0.01 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.6	14.6	21.8#
277	25.5	21.2	31.8

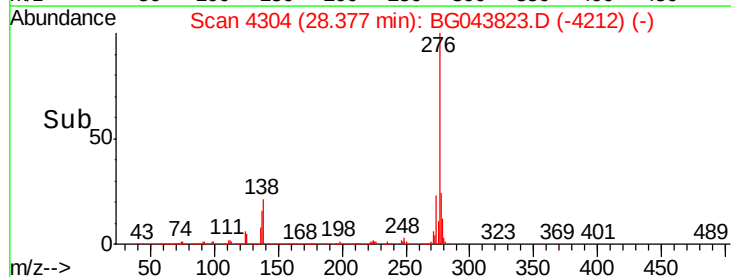
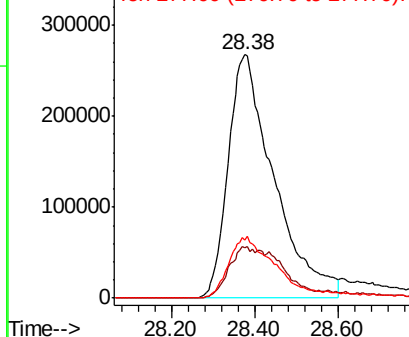


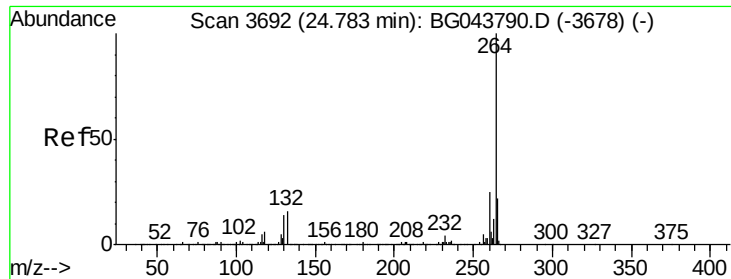
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA_G

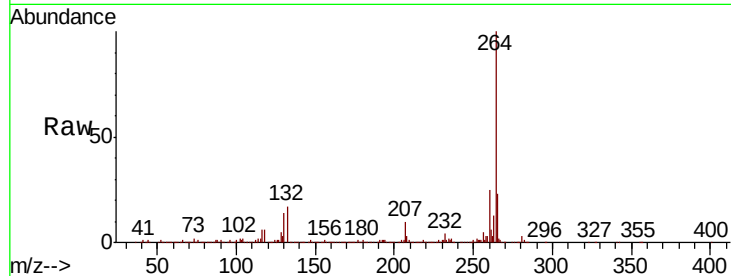
ClientSampleId :

PB125517BS

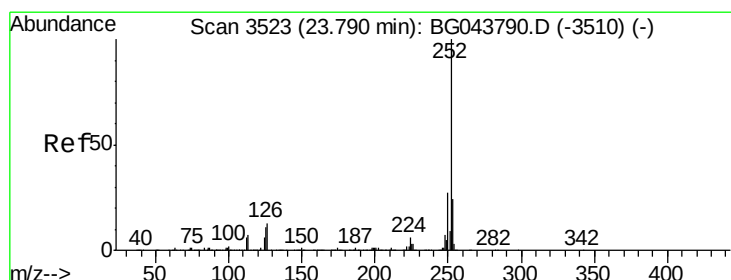
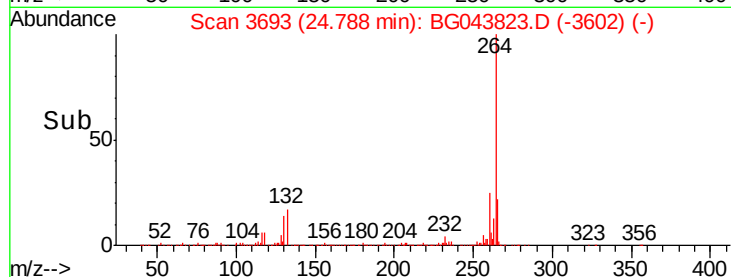
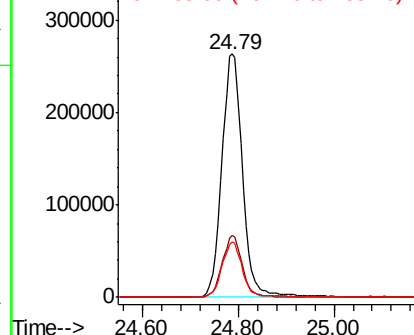
Tot Ion:	264	Resp:	791361
Ion Ratio	Lower	Upper	
264	100		
260	25.2	19.8	29.8
265	22.8	17.9	26.9

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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: 42.999 ng

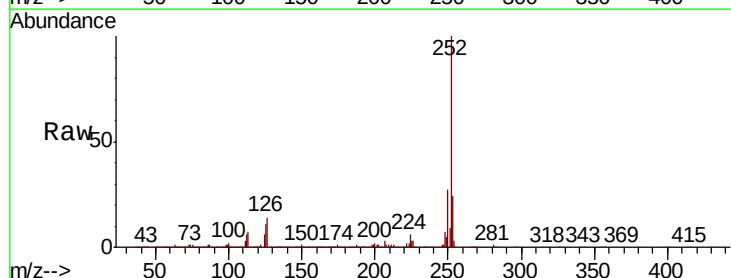
RT: 23.79 min Scan# 3524

Delta R.T. 0.00 min

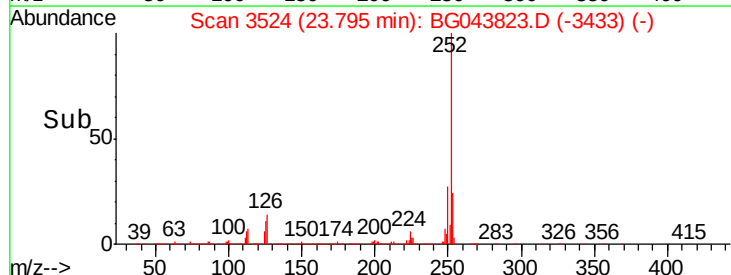
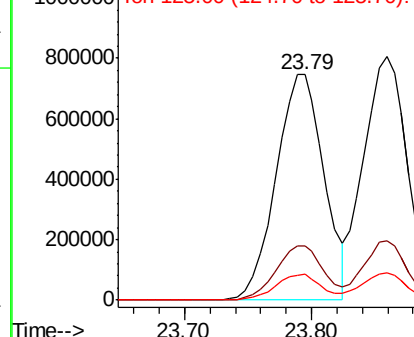
Lab File: BG043823.D

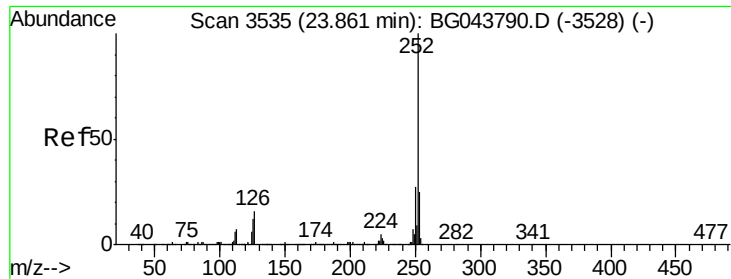
Acq: 17 Dec 2019 17:22

Tgt Ion:	252	Resp:	1959167
Ion Ratio	Lower	Upper	
252	100		
253	24.1	19.5	29.3
125	11.5	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





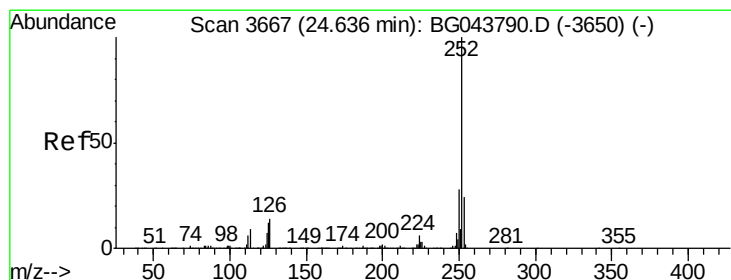
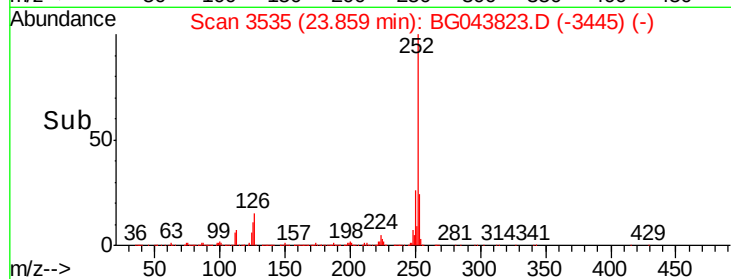
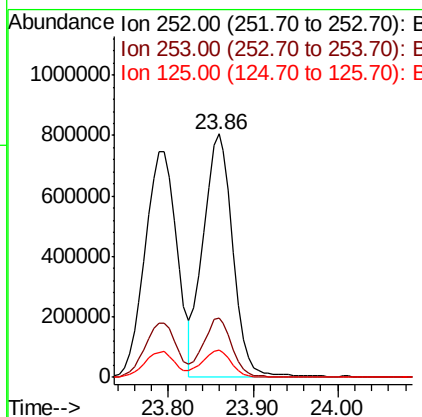
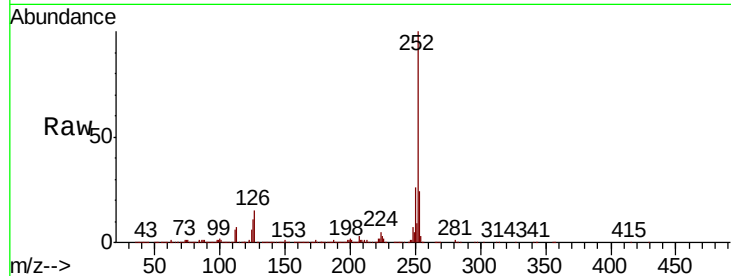
#89
Benzo(k)fluoranthene
Concen: 44.453 ng
RT: 23.86 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB125517BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.4	29.0
125	11.4	8.9	13.3

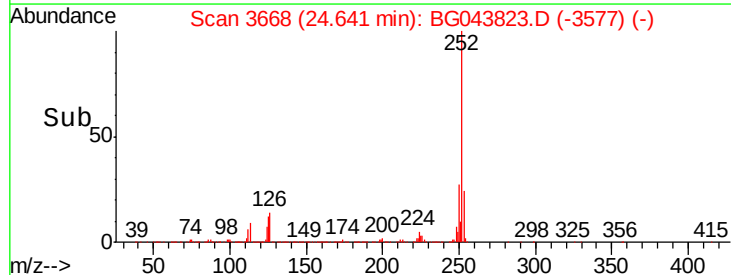
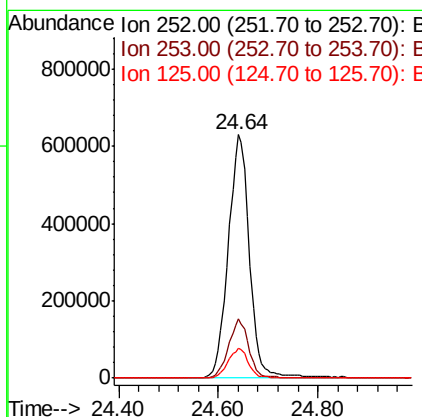
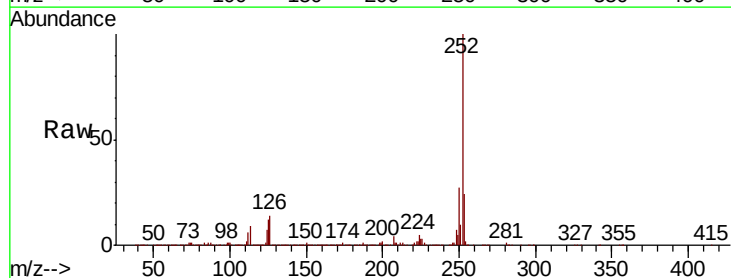
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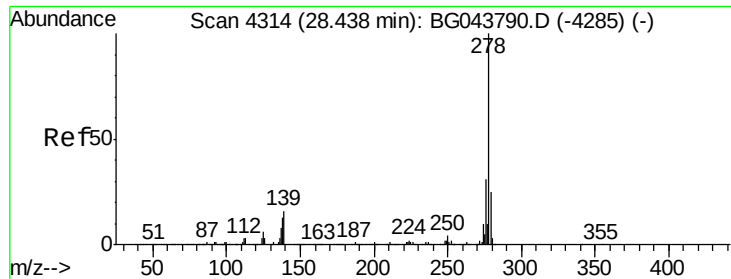
mohammad
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#90
Benzo(a)pyrene
Concen: 42.835 ng
RT: 24.64 min Scan# 3668
Delta R.T. 0.00 min
Lab File: BG043823.D
Acq: 17 Dec 2019 17:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.1	28.7
125	12.3	9.4	14.0





#91

Dibenzo(a,h)anthracene

Concen: 42.411 ng

RT: 28.44 min Scan# 4315

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB125517BS

Tot Ion:278 Resp: 1839414

Ion Ratio Lower Upper

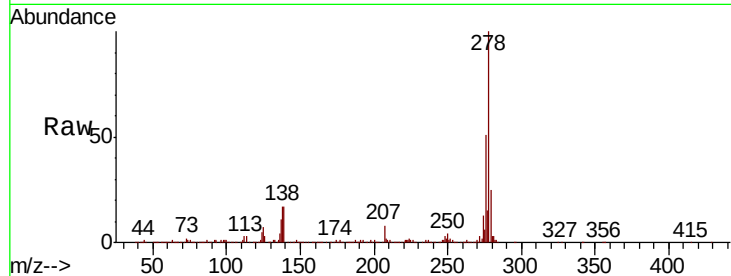
278 100

139 17.3 13.2 19.8

279 25.0 19.8 29.6

Manual Integrations
APPROVED

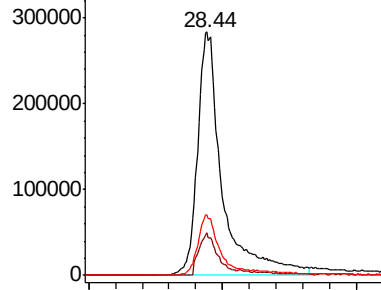
mohammad
12/18/2019 2:40:45 PM



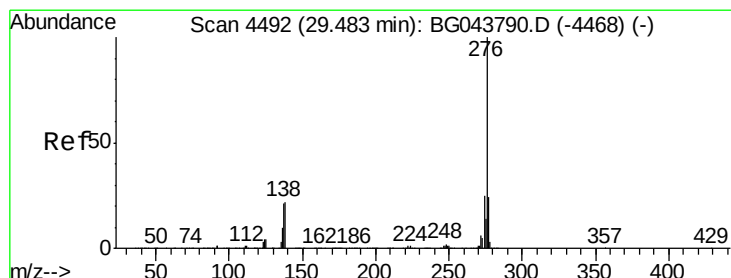
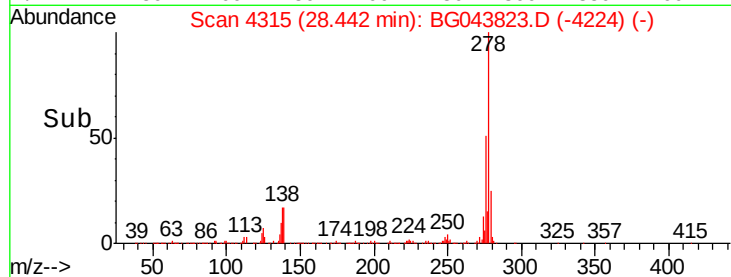
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 28.00 28.50 29.00



#92

Benzo(g,h,i)perylene

Concen: 38.555 ng

RT: 29.49 min Scan# 4493

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

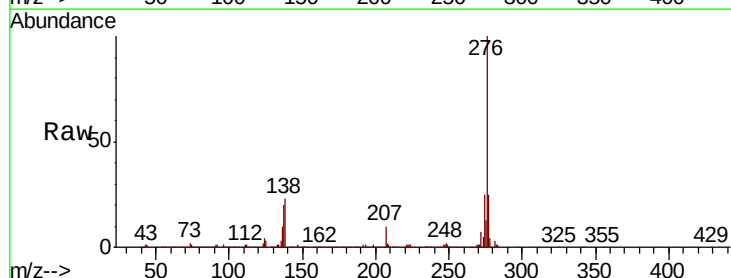
Tgt Ion:276 Resp: 1650121

Ion Ratio Lower Upper

276 100

277 25.1 19.3 28.9

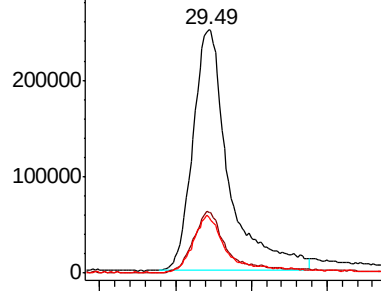
138 22.5 17.6 26.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time--> 29.20 29.40 29.60 29.80

