

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043796.D
 Acq On : 9 Dec 2019 19:47
 Operator : JU
 Sample : 8270-SPIKE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8270-SPIKE

Manual Integrations
 APPROVED

mohammad
 12/10/2019 11:51:14 AM

Quant Time: Dec 10 11:18:37 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	8.01	152	117271	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	534990	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	394457	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	949260	20.00	ng	0.00
76) Chrysene-d12	21.64	240	806973	20.00	ng	0.00
87) Perylene-d12	24.80	264	905186	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0d	0.00	ng	
7) Phenol-d6	0.00	99	0d	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng	
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	0.00	244	0d	0.00	ng	

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	129674	45.243	ng	97
3) Pyridine	3.87	79	326462	41.219	ng	99
4) n-Nitrosodimethylamine	3.79	42	186780	49.186	ng	100
6) Aniline	7.32	93	548353	46.428	ng	100
8) 2-Chlorophenol	7.57	128	413572	57.338	ng	98
9) Benzaldehyde	7.14	77	331512	69.629	ng	92
10) Phenol	7.19	94	532653	57.799	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	379311	48.507	ng	98
12) 1,3-Dichlorobenzene	7.90	146	416100	48.139	ng	99
13) 1,4-Dichlorobenzene	8.04	146	418117	48.393	ng	99
14) 1,2-Dichlorobenzene	8.36	146	408854	49.115	ng	99
15) Benzyl Alcohol	8.24	79	370290	52.127	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	564283	45.025	ng	99
17) 2-Methylphenol	8.44	107	368850	56.070	ng	99
18) Hexachloroethane	9.10	117	147554	46.998	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	318701	46.702	ng	99
20) 3+4-Methylphenols	8.77	107	509188	55.588	ng	99
22) Acetophenone	8.82	105	562954	42.193	ng	100
24) Nitrobenzene	9.20	77	441849	45.526	ng	96
25) Isophorone	9.73	82	872599	45.855	ng	100
26) 2-Nitrophenol	9.91	139	180015	47.535	ng	99
27) 2,4-Dimethylphenol	9.98	122	406458	60.444	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	536673	44.059	ng	97
29) 2,4-Dichlorophenol	10.45	162	430097	52.084	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	425655	43.544	ng	98
31) Naphthalene	10.86	128	1176401	45.827	ng	100
32) Benzoic acid	10.11	122	229820	48.477	ng	98
33) 4-Chloroaniline	10.95	127	368323	29.593	ng	99
34) Hexachlorobutadiene	11.16	225	247966	41.865	ng	97
35) Caprolactam	11.72	113	176597m	54.491	ng	
36) 4-Chloro-3-methylphenol	12.08	107	456412	51.339	ng	98
37) 2-Methylnaphthalene	12.46	142	924216	46.451	ng	100
38) 1-Methylnaphthalene	12.68	142	882573	46.648	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	470236	39.672	ng	98

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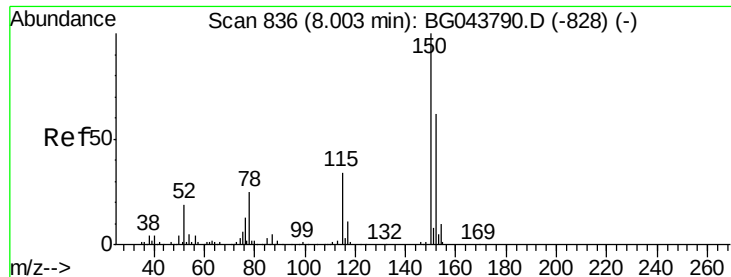
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	565100	101.573	nq	100
43) 2,4,6-Trichlorophenol	13.06	196	364883	48.433	nq	99
44) 2,4,5-Trichlorophenol	13.13	196	406384	51.487	nq	98
46) 1,1'-Biphenyl	13.47	154	1177620	43.304	nq	99
47) 2-Chloronaphthalene	13.51	162	942538	42.396	nq	99
48) 2-Nitroaniline	13.70	65	314490	47.966	nq	95
49) Acenaphthylene	14.36	152	1525856	46.074	nq	98
50) Dimethylphthalate	14.09	163	1291682	45.879	nq	99
51) 2,6-Dinitrotoluene	14.20	165	301643	49.716	nq	96
52) Acenaphthene	14.70	154	1052766	48.322	nq	98
53) 3-Nitroaniline	14.52	138	248801	35.834	nq	97
54) 2,4-Dinitrophenol	14.73	184	256524	95.564	nq	91
55) Dibenzofuran	15.03	168	1471724	45.636	nq	99
56) 4-Nitrophenol	14.83	139	591366	116.747	nq	97
57) 2,4-Dinitrotoluene	14.99	165	422877	51.581	nq	98
58) Fluorene	15.68	166	1200682	46.191	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	368379m	52.018	nq	
60) Diethylphthalate	15.46	149	1316756	46.822	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	649793	44.635	nq	99
62) 4-Nitroaniline	15.69	138	335686	46.662	nq	99
63) Azobenzene	15.97	77	1198078	46.373	nq	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	194176	52.026	nq	98
66) n-Nitrosodiphenylamine	15.88	169	1160780	43.997	nq	98
67) 4-Bromophenyl-phenylether	16.57	248	423087	41.689	nq	97
68) Hexachlorobenzene	16.69	284	441170	40.986	nq	98
69) Atrazine	16.84	200	479200	56.974	nq	99
70) Pentachlorophenol	17.03	266	596373	104.156	nq	98
71) Phenanthrene	17.42	178	1967279	43.777	nq	98
72) Anthracene	17.51	178	2031210	45.661	nq	95
73) Carbazole	17.77	167	1889696	45.444	nq	97
74) Di-n-butylphthalate	18.35	149	2176102	45.650	nq	97
75) Fluoranthene	19.43	202	2334433	45.388	nq	95
77) Benzidine	19.60	184	1940626	110.231	nq	# 91
78) Pyrene	19.79	202	2328615	44.155	nq	94
80) Butylbenzylphthalate	20.68	149	998235	45.449	nq	97
81) Benzo(a)anthracene	21.62	228	2234603	43.875	nq	96
82) 3,3'-Dichlorobenzidine	21.53	252	676580	35.960	nq	100
83) Chrysene	21.68	228	2125223	43.797	nq	96
84) Bis(2-ethylhexyl)phthalate	21.55	149	1413050	44.853	nq	98
85) Di-n-octyl phthalate	22.75	149	2393066	46.464	nq	99
86) Indeno(1,2,3-cd)pyrene	28.39	276	2732466	43.996	nq	99
88) Benzo(b)fluoranthene	23.80	252	2318247	44.482	nq	99
89) Benzo(k)fluoranthene	23.87	252	2220582	44.107	nq	97
90) Benzo(a)pyrene	24.65	252	2159700	43.483	nq	99
91) Dibenzo(a,h)anthracene	28.46	278	2247800	45.310	nq	98
92) Benzo(g,h,i)perylene	29.51	276	2271096	46.391	nq	99

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



#1

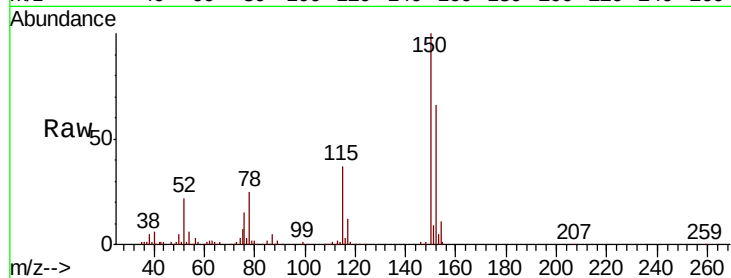
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

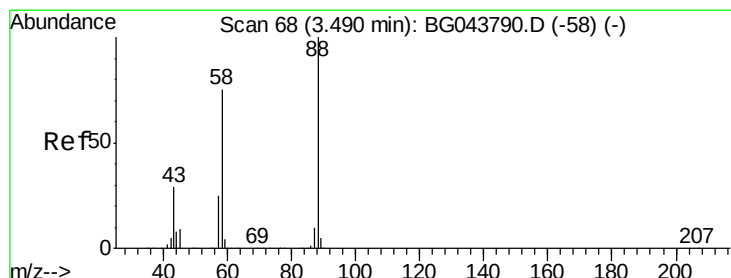
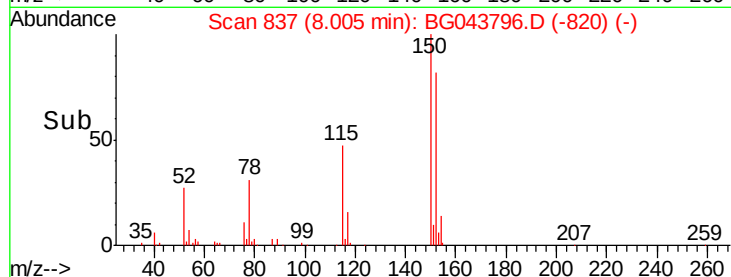
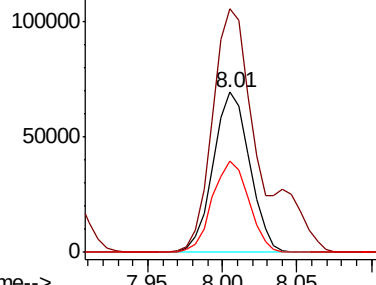
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	128.6	192.8
115	56.7	44.3	66.5

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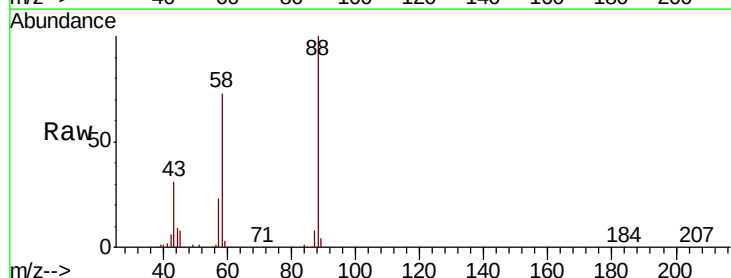
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



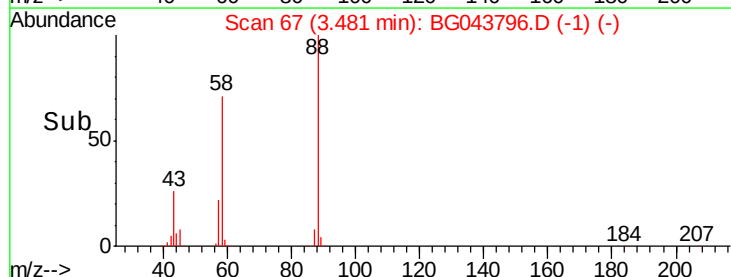
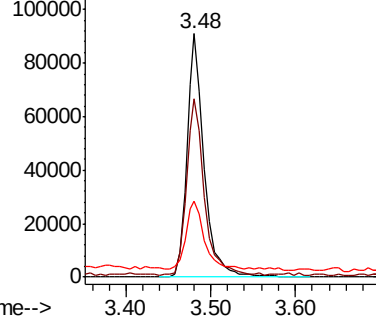
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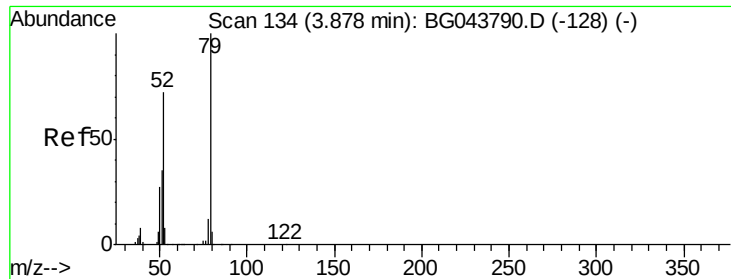
1,4-Dioxane
Concen: 45.243 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.0	62.2	93.4
43	29.3	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: 41.219 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

Instrument :

BNA_G

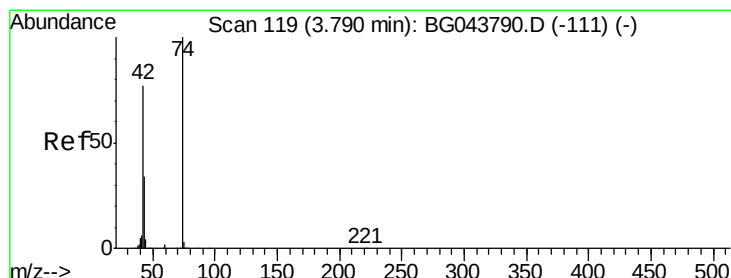
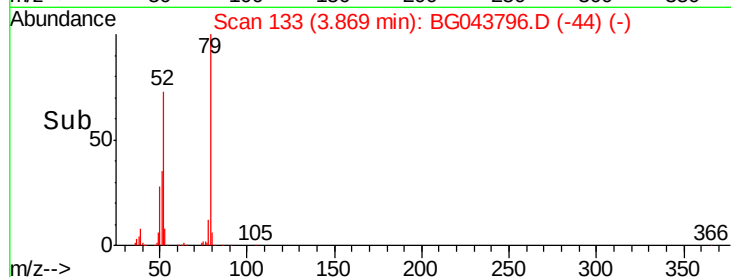
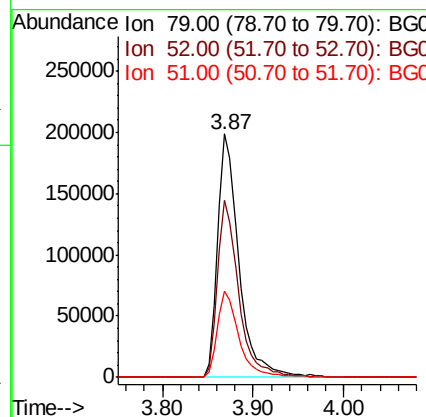
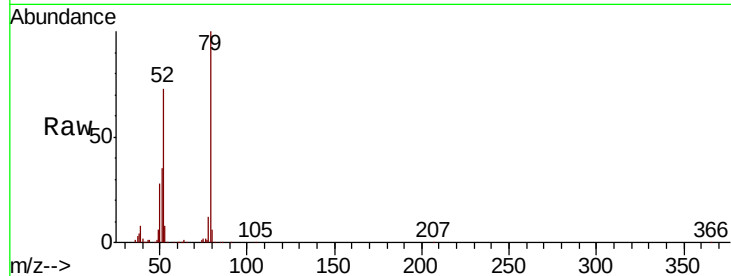
ClientSampleId :

8270-SPIKE

Tot Ion:	79	Resp:	326462
Ion Ratio	Lower	Upper	
79	100		
52	72.6	57.6	86.4
51	35.3	27.8	41.8

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#4

n-Nitrosodimethylamine

Concen: 49.186 ng

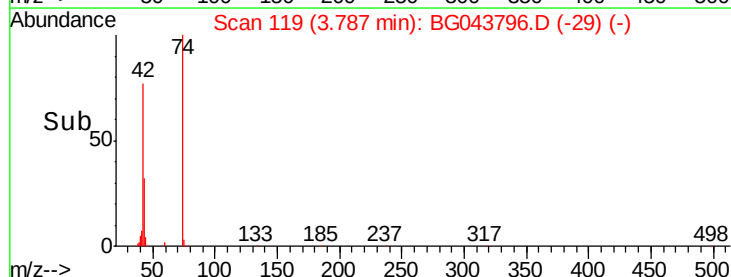
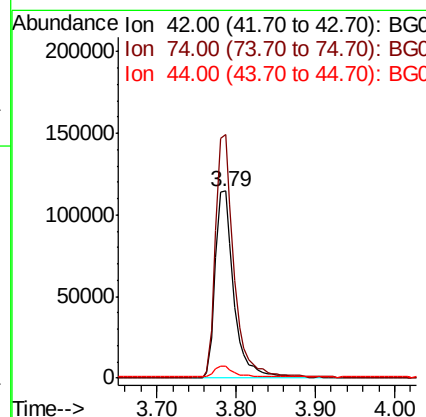
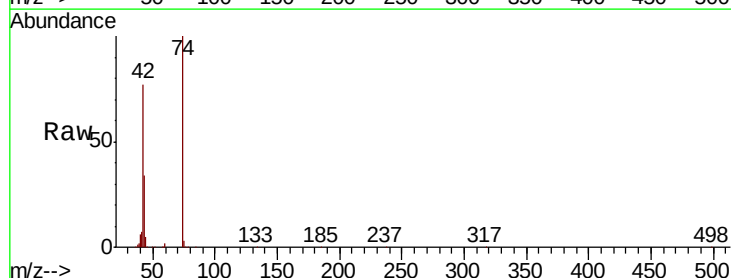
RT: 3.79 min Scan# 119

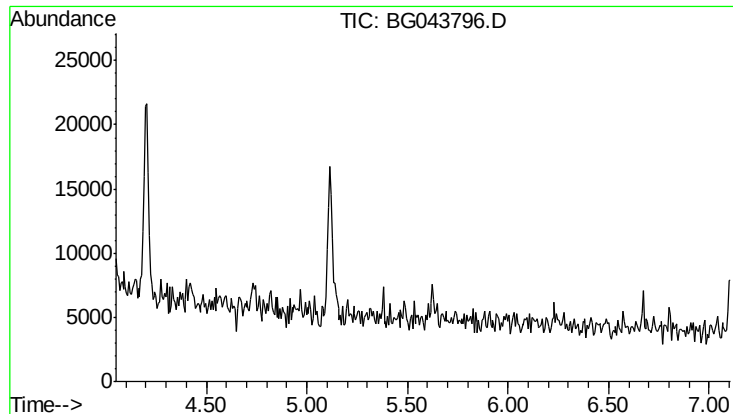
Delta R.T. -0.00 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

Tgt Ion:	42	Resp:	186780
Ion Ratio	Lower	Upper	
42	100		
74	130.1	104.2	156.4
44	6.6	5.6	8.4





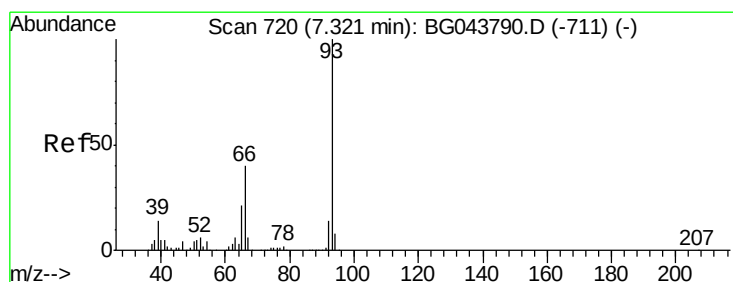
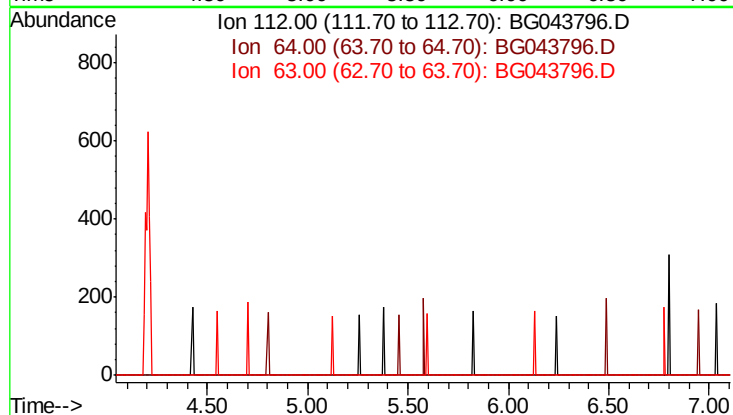
#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.58 min
 Lab File: BG043796.D
 Acq: 9 Dec 2019 19:47

Instrument :
 BNA_G
 ClientSampleId :
 8270-SPIKE

Manual Integrations
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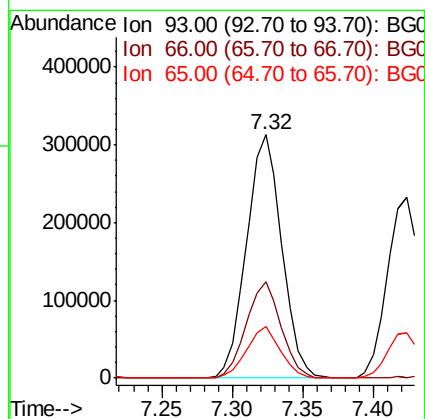
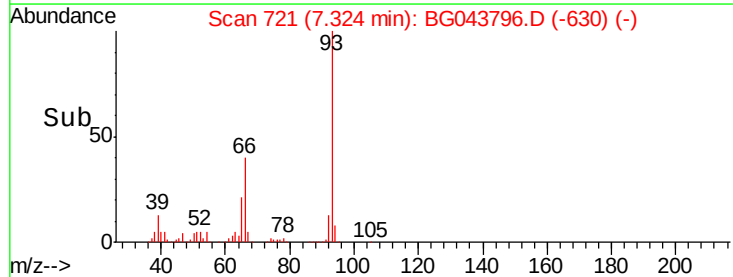
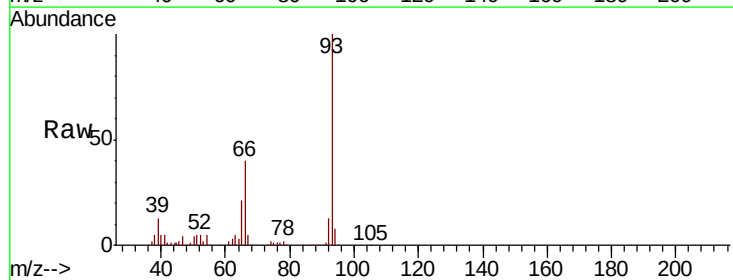
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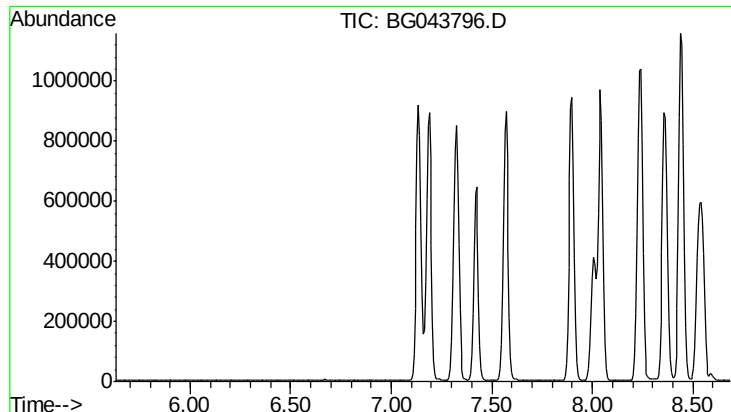
Tot Ion: 112
 Sig Exp Ratio
 112 100
 64 62.4
 63 32.5



#6
 Aniline
 Concen: 46.428 ng
 RT: 7.32 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BG043796.D
 Acq: 9 Dec 2019 19:47

Tgt Ion: 93 Resp: 548353
 Ion Ratio Lower Upper
 93 100
 66 39.5 31.9 47.9
 65 21.0 16.8 25.2





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.16 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

Tot Ion: 99

Sig Exp Ratio

99 100

42 20.2

71 33.3

Instrument :

BNA_G

ClientSampleId :

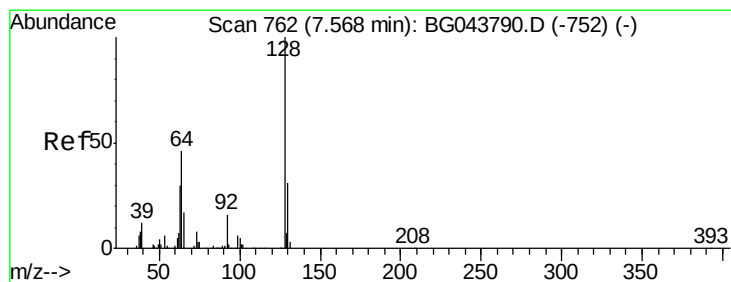
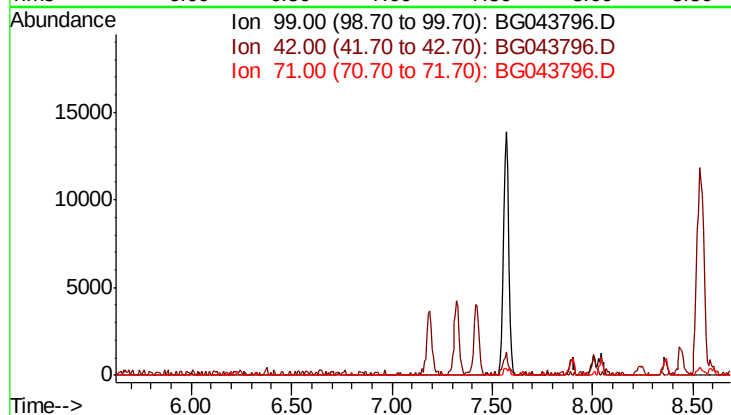
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#8

2-Chlorophenol

Concen: 57.338 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

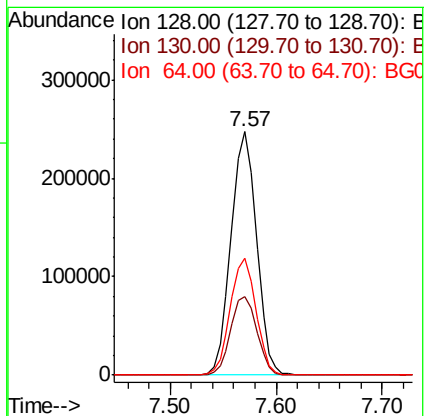
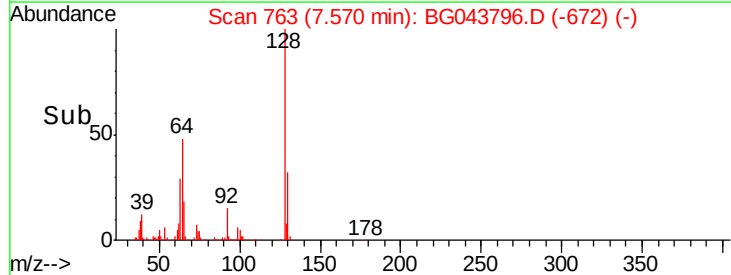
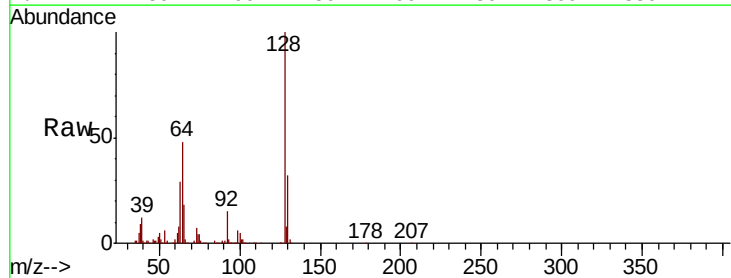
Tgt Ion:128 Resp: 413572

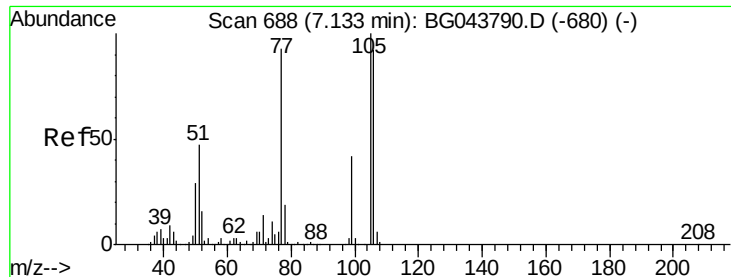
Ion Ratio Lower Upper

128 100

130 32.3 11.1 51.1

64 48.1 26.5 66.5





#9

Benzaldehyde

Concen: 69.629 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

Instrument :

BNA_G

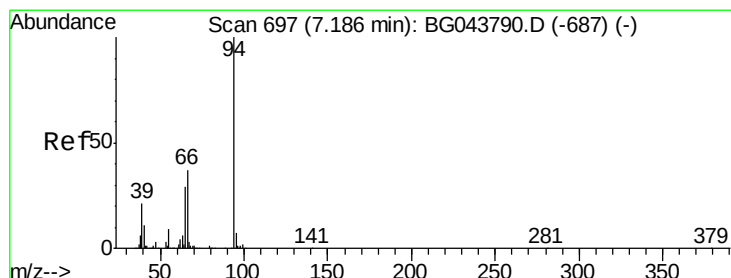
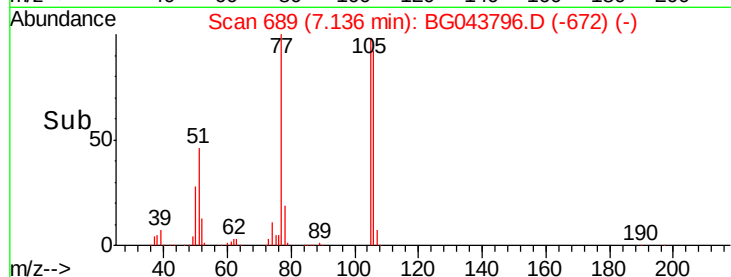
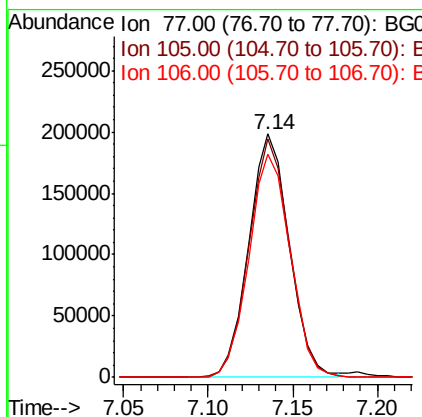
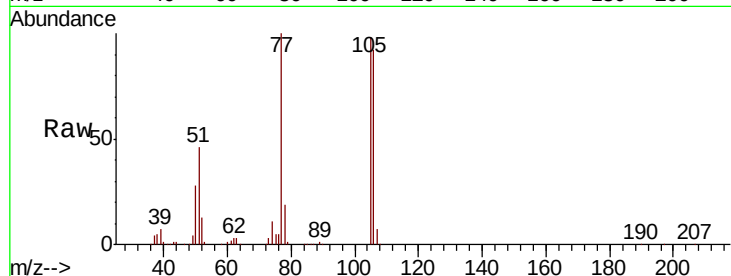
ClientSampleId :

8270-SPIKE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	97.8	87.1	127.1		
106	91.9	78.2	118.2		

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#10

Phenol

Concen: 57.799 ng

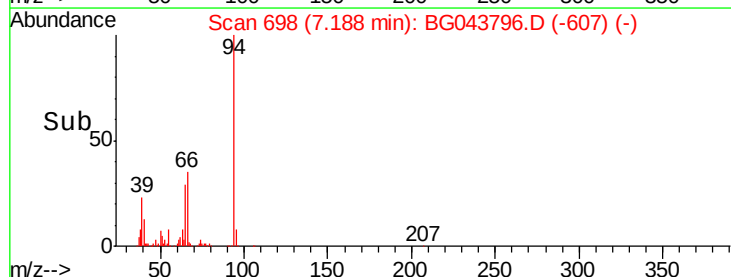
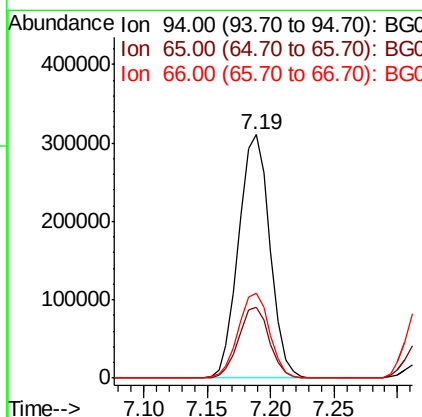
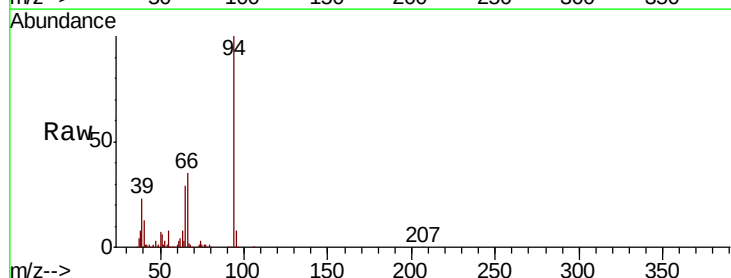
RT: 7.19 min Scan# 698

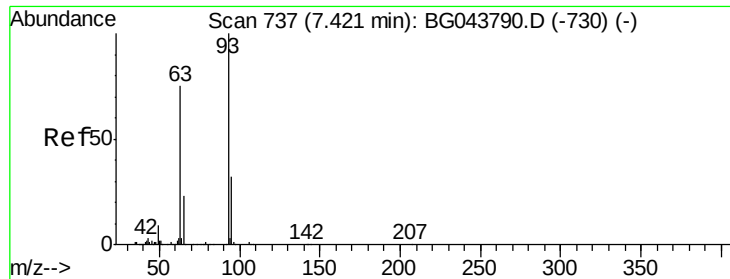
Delta R.T. 0.00 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.2	9.5	49.5		
66	34.9	16.8	56.8		





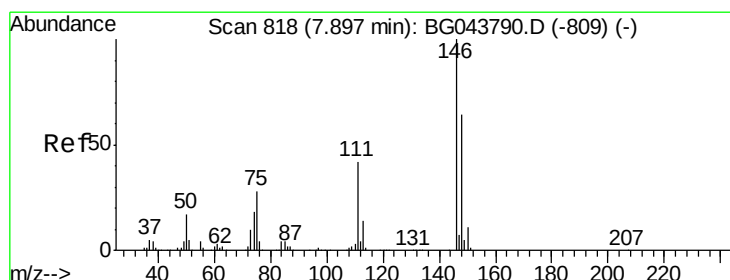
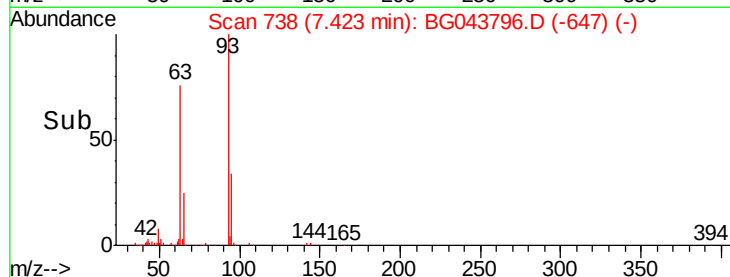
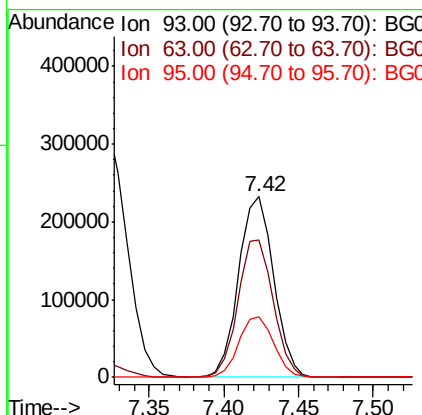
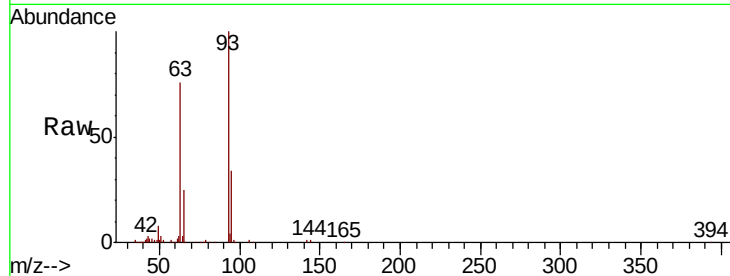
#11
bis(2-Chloroethyl)ether
Concen: 48.507 ng
RT: 7.42 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.9	54.7	94.7
95	33.8	11.3	51.3

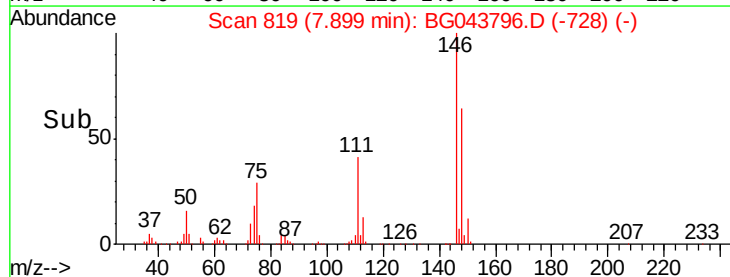
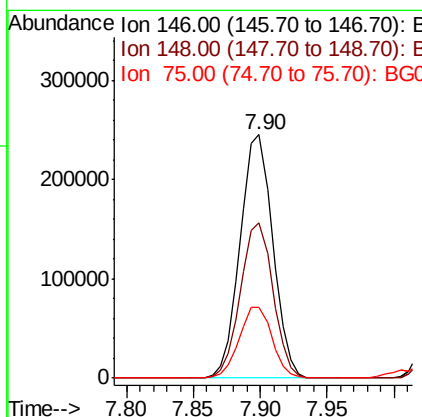
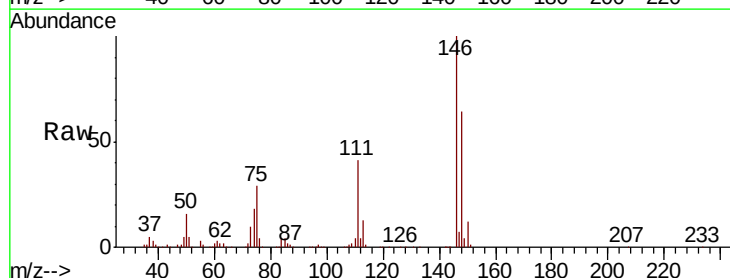
Manual Integrations
APPROVED

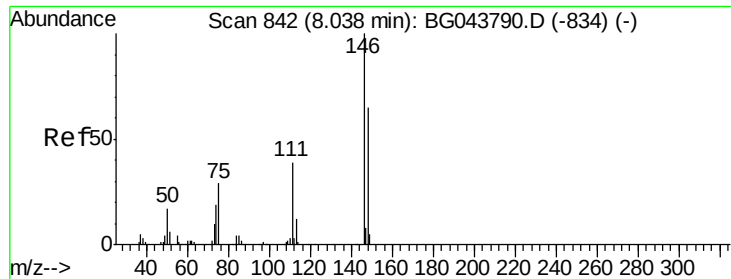
mohammad
12/10/2019 11:51:14 AM



#12
1,3-Dichlorobenzene
Concen: 48.139 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.2
75	28.9	22.4	33.6





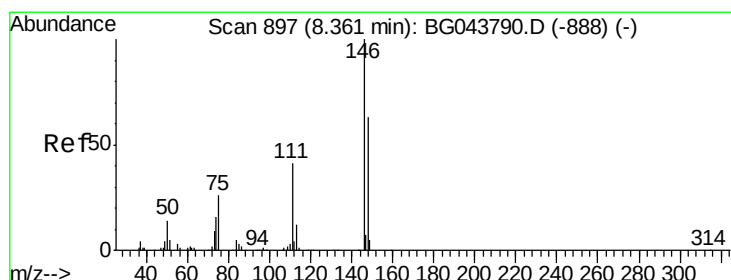
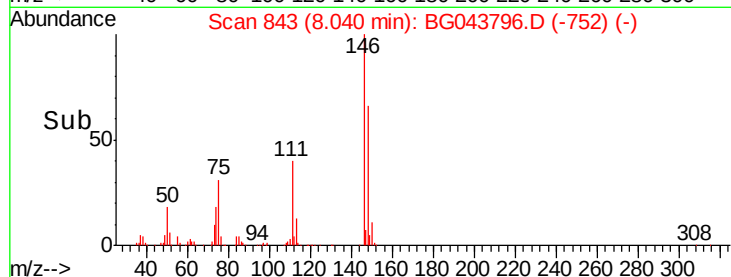
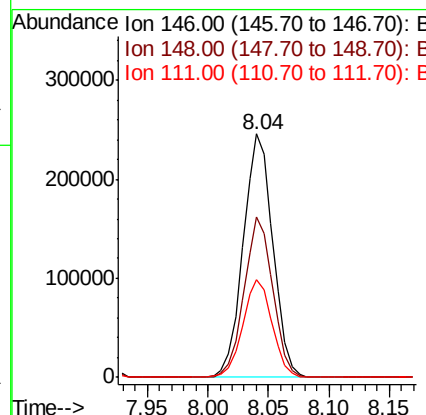
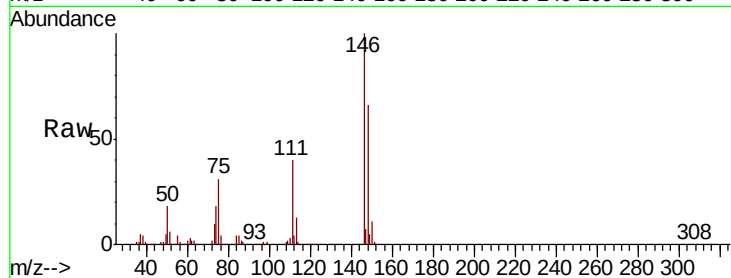
#13
 1,4-Dichlorobenzene
 Concen: 48.393 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG043796.D
 Acq: 9 Dec 2019 19:47

Instrument :
 BNA_G
 ClientSampleId :
 8270-SPIKE

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.8	77.8
111	40.1	31.4	47.2

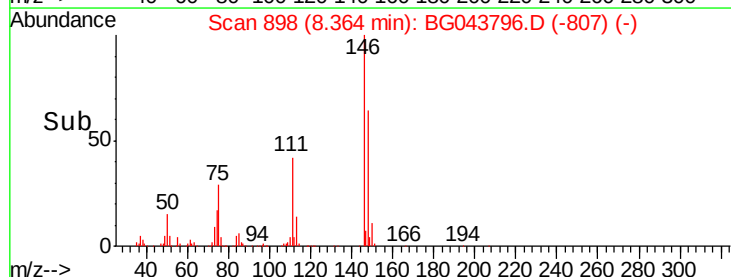
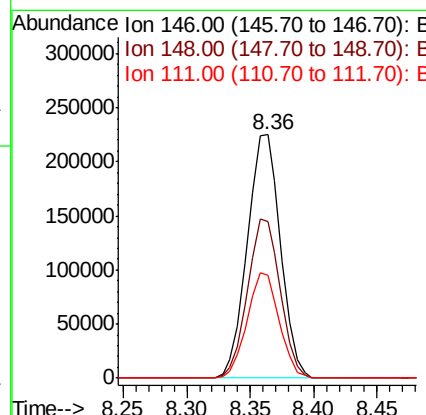
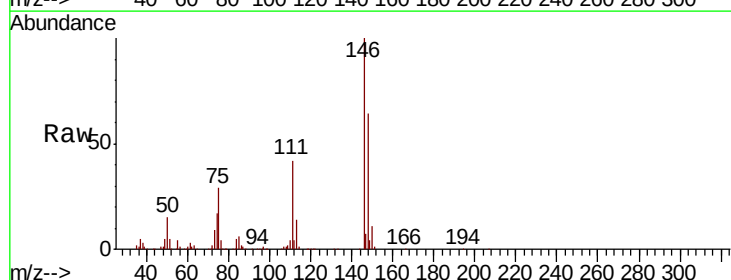
Manual Integrations
 APPROVED

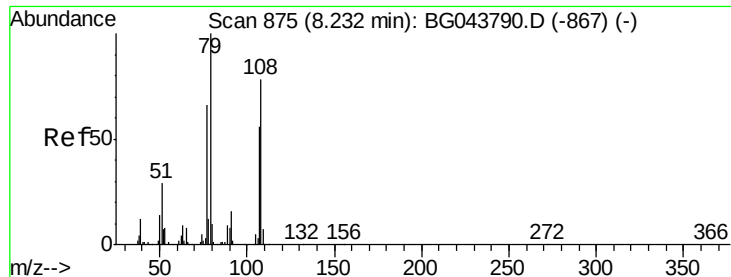
mohammad
 12/10/2019 11:51:14 AM



#14
 1,2-Dichlorobenzene
 Concen: 49.115 ng
 RT: 8.36 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BG043796.D
 Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.2	75.2
111	42.0	33.4	50.2





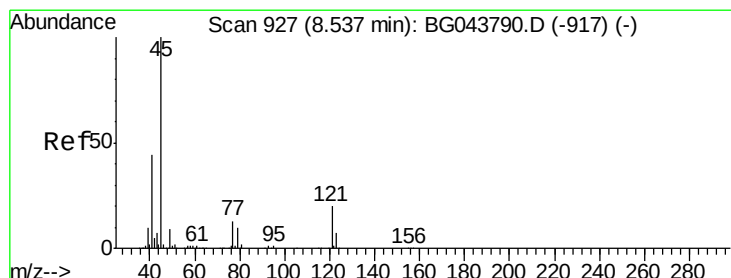
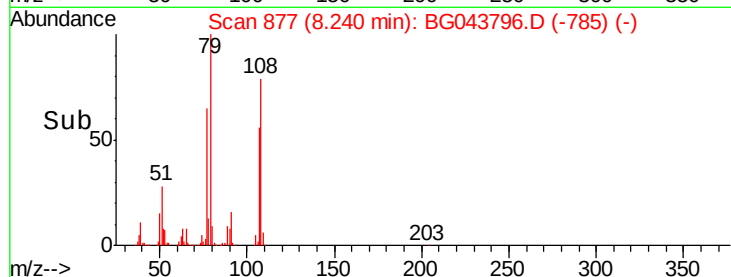
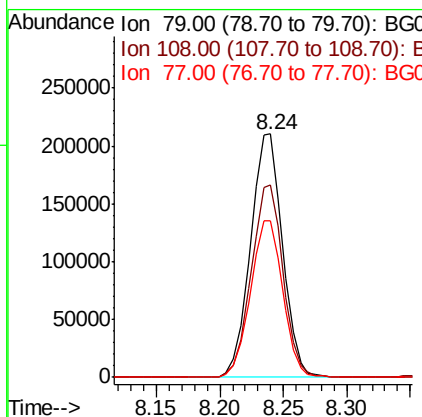
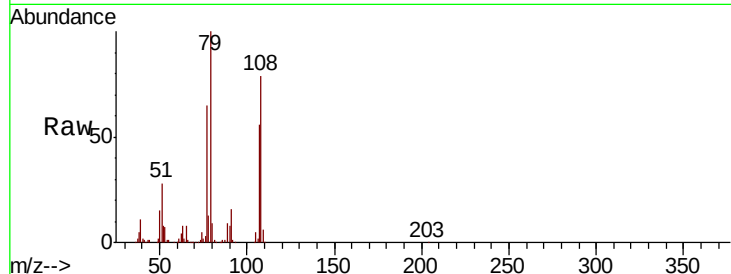
#15
Benzyl Alcohol
Concen: 52.127 ng
RT: 8.24 min Scan# 877
Delta R.T. 0.01 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampled :
8270-SPIKE

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.1	62.2	93.2	
77	64.5	52.8	79.2	

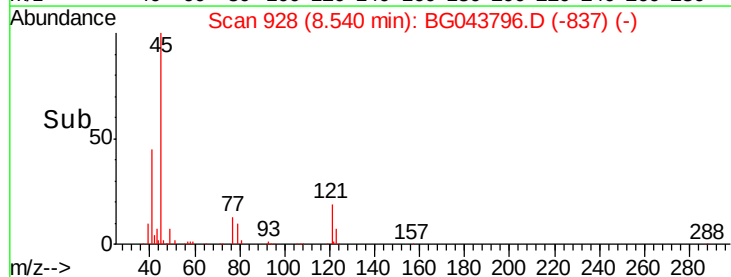
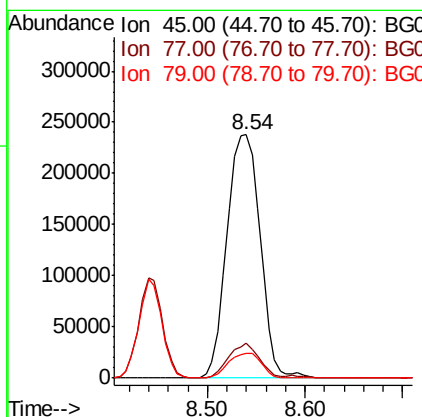
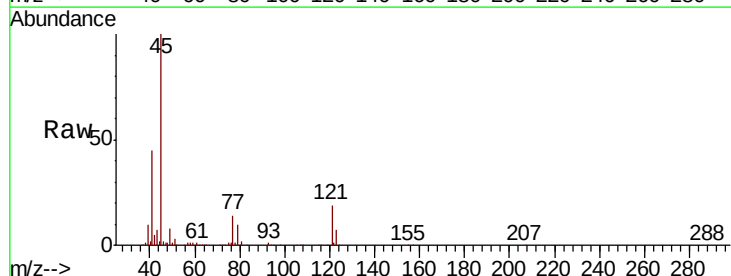
Manual Integrations
APPROVED

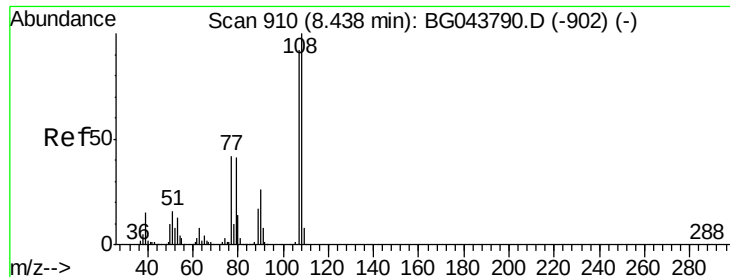
mohammad
12/10/2019 11:51:14 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.025 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.2	0.0	33.6	
79	10.2	0.0	29.9	





#17

2-Methylphenol

Concen: 56.070 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

Instrument :

BNA_G

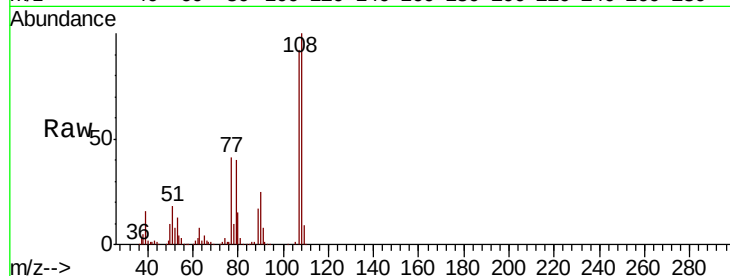
ClientSampled :

8270-SPIKE

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.1	87.2	130.8	
77	44.5	36.6	54.8	
79	44.1	35.5	53.3	

Manual Integrations
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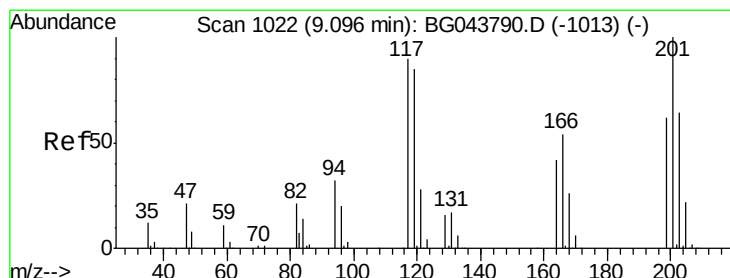
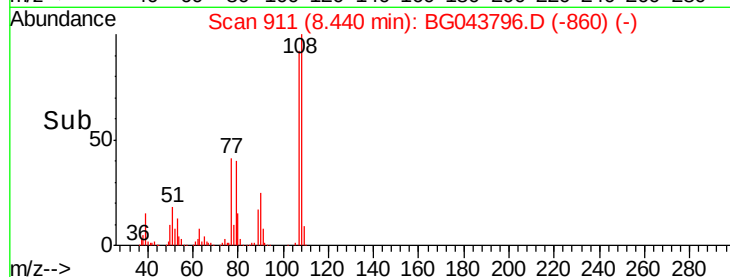
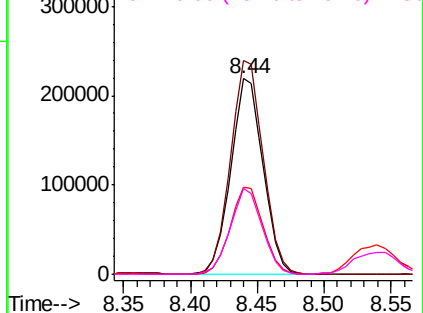
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 46.998 ng

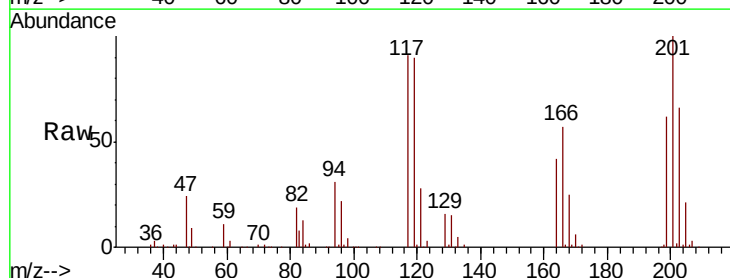
RT: 9.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.7	75.6	113.4	
201	110.0	88.6	133.0	

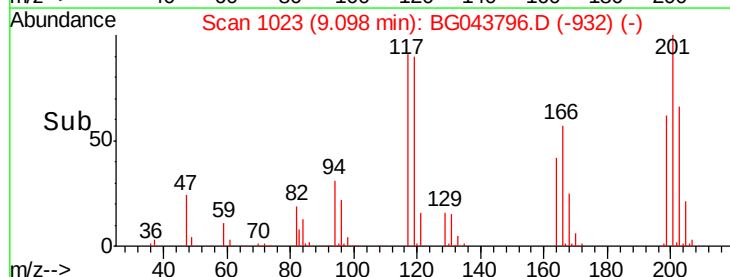
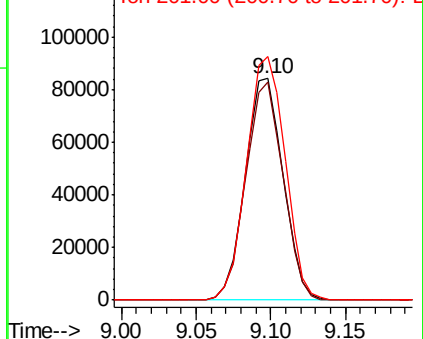


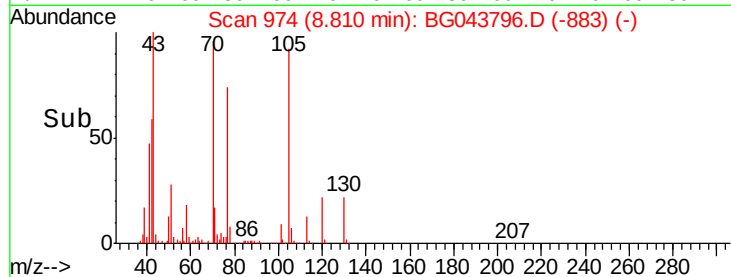
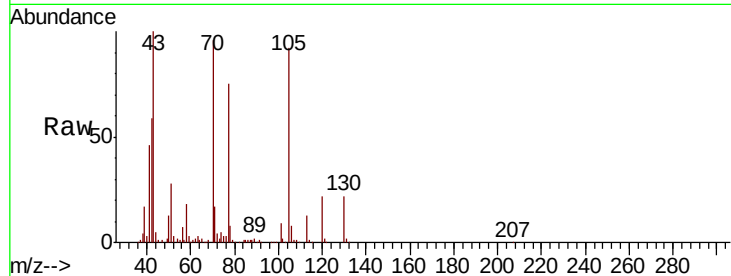
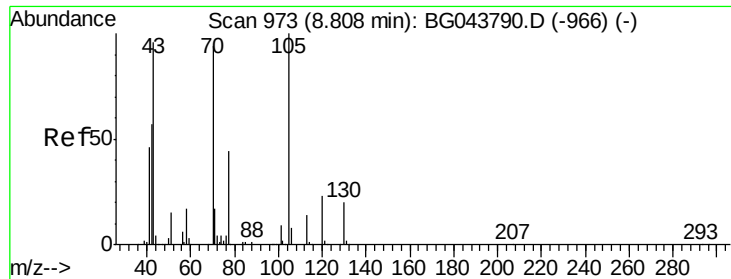
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





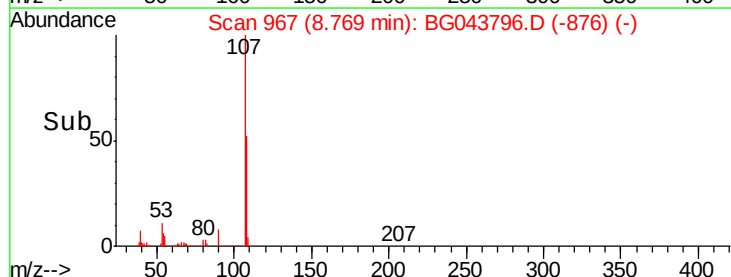
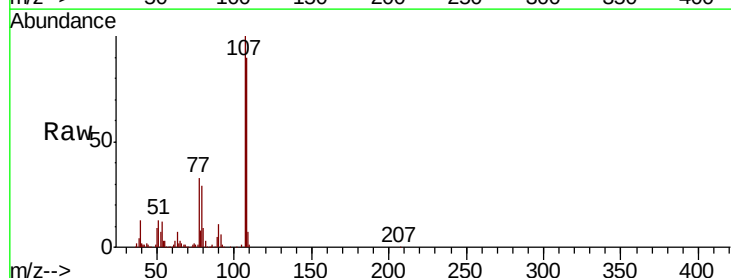
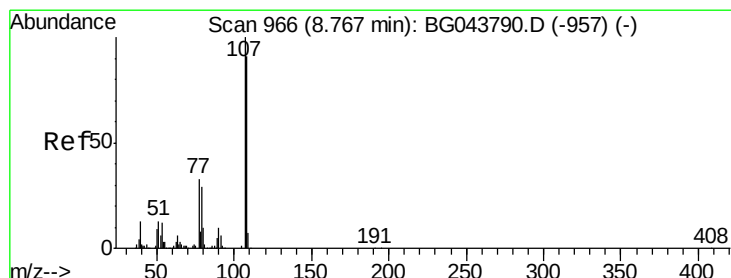
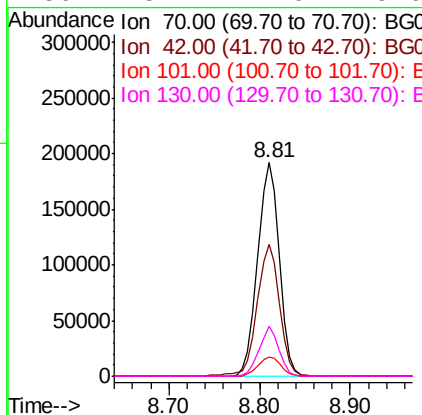
#19
n-Nitroso-di-n-propylamine
Concen: 46.702 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.5	49.2	73.8		
101	9.3	7.8	11.6		
130	23.1	17.0	25.6		

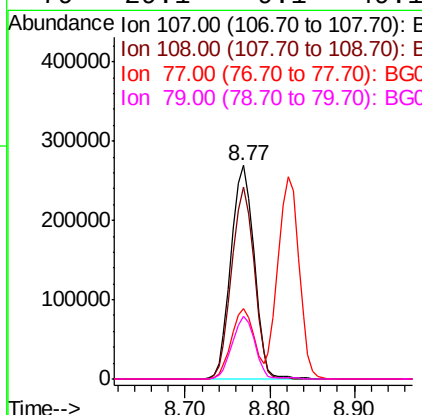
Manual Integrations
APPROVED

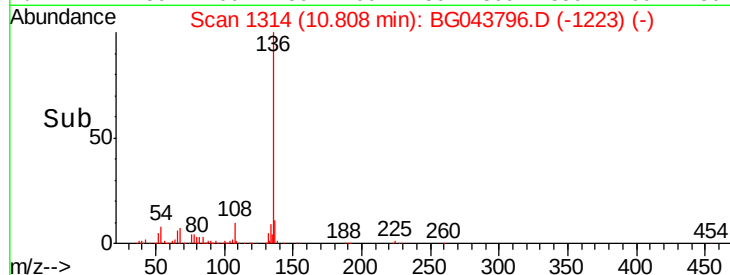
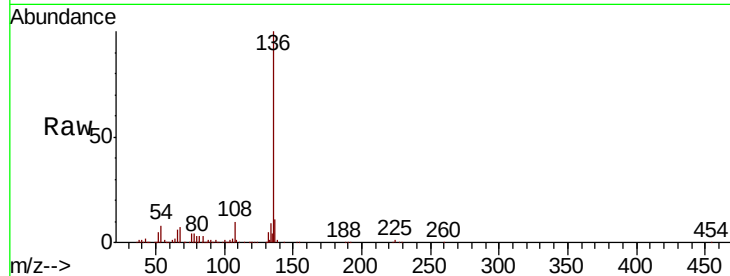
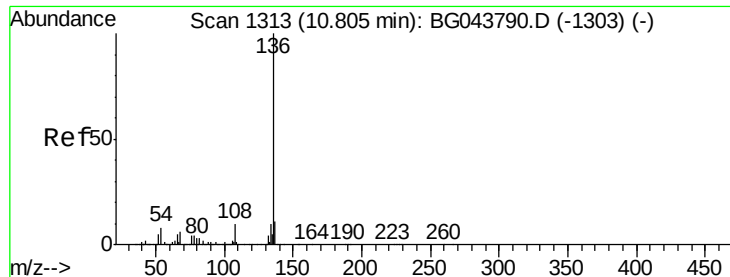
mohammad
12/10/2019 11:51:14 AM



#20
3+4-Methylphenols
Concen: 55.588 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.9	70.9	110.9		
77	33.0	12.7	52.7		
79	29.1	9.1	49.1		





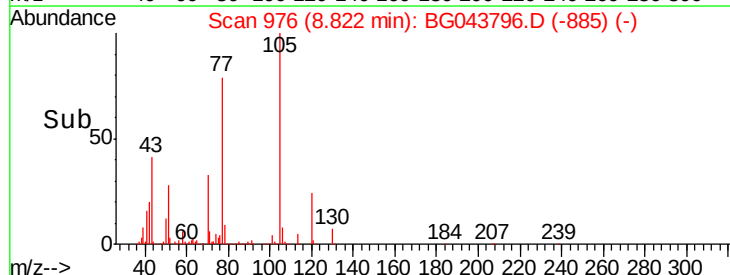
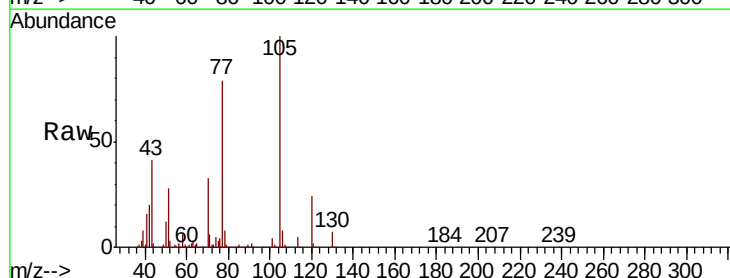
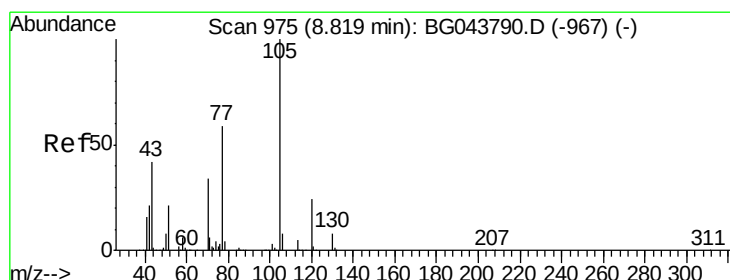
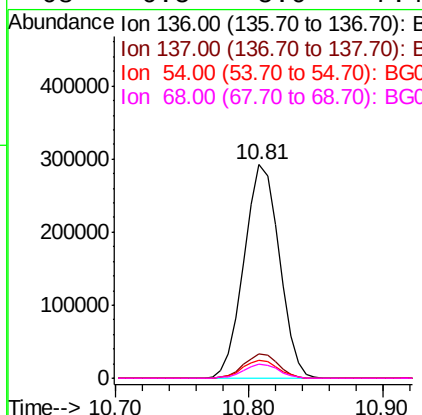
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tot Ion	136	Resp	534990
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.7	13.1
54	8.4	6.8	10.2
68	6.5	5.0	7.4

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

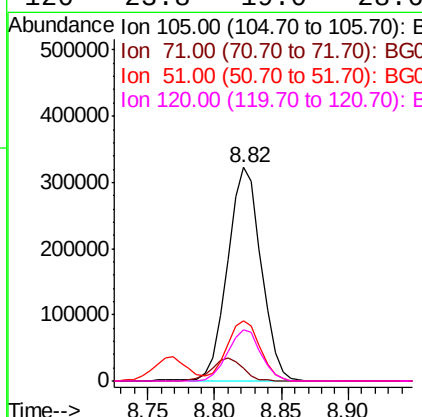
Manual Integrations
APPROVED

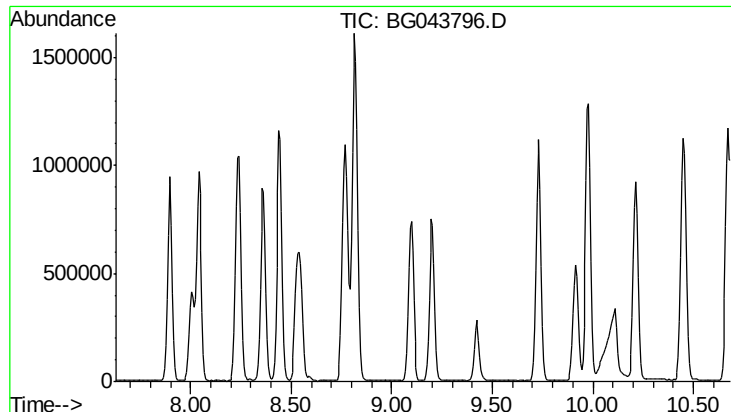
mohammad
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#22
Acetophenone
Concen: 42.193 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	105	Resp	562954
Ion Ratio	Lower	Upper	
105	100		
71	5.8	4.9	7.3
51	28.0	22.2	33.4
120	23.8	19.0	28.6





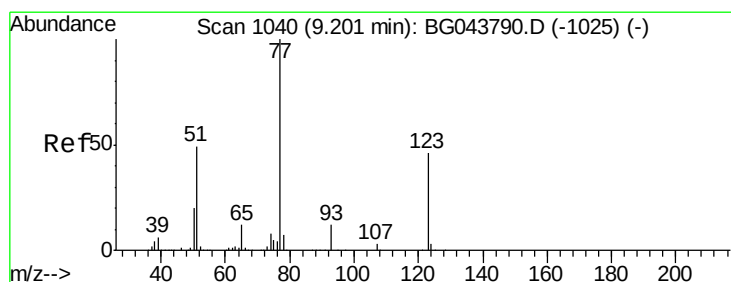
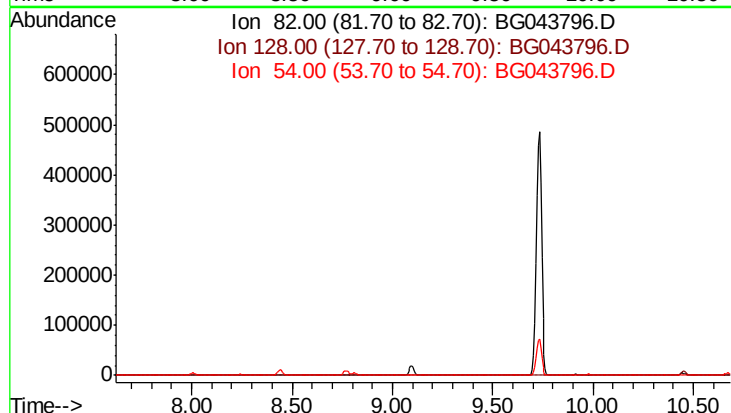
#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.15 min
 Lab File: BG043796.D
 Acq: 9 Dec 2019 19:47

Instrument :
 BNA_G
 ClientSampleId :
 8270-SPIKE

Tot Ion	82
Sig	Exp Ratio
82	100
128	42.0
54	52.6

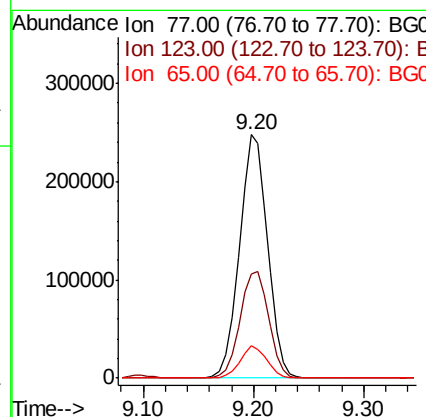
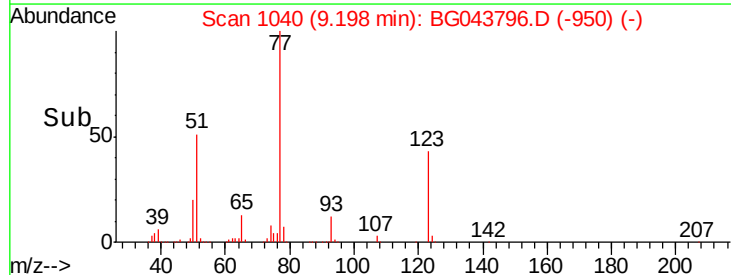
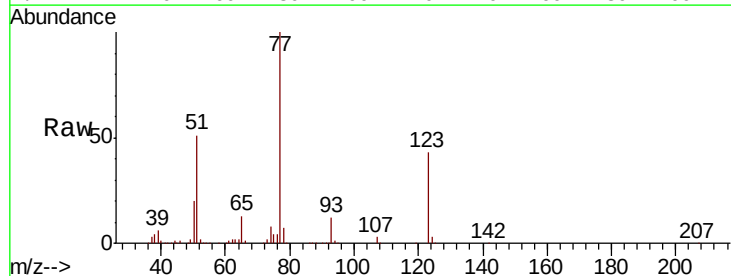
Manual Integrations
 APPROVED

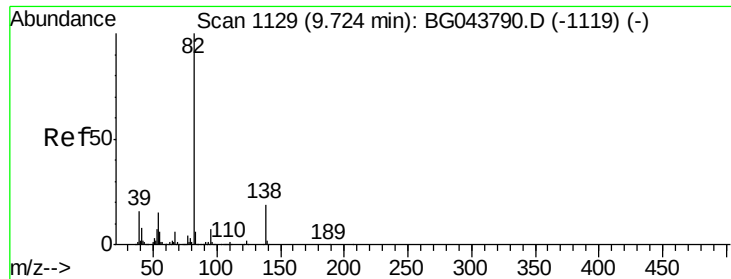
mohammad
 12/10/2019 11:51:14 AM



#24
 Nitrobenzene
 Concen: 45.526 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG043796.D
 Acq: 9 Dec 2019 19:47

Tgt Ion	77	Resp	441849
Ion Ratio	Lower	Upper	
77	100		
123	42.8	36.6	55.0
65	13.2	9.8	14.6





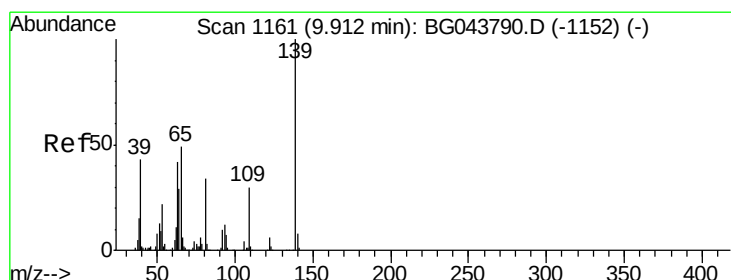
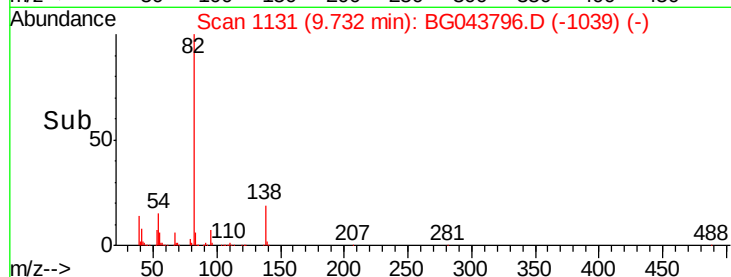
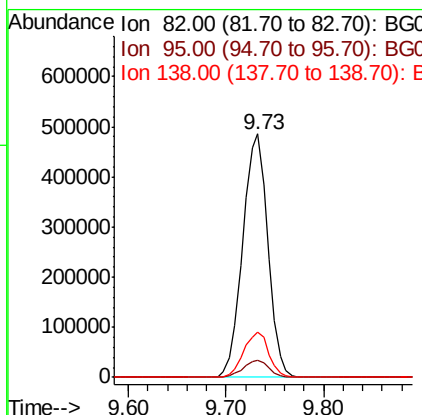
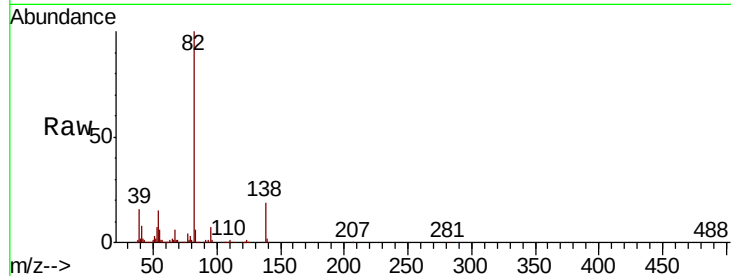
#25
Isophorone
Concen: 45.855 ng
RT: 9.73 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	18.5	14.8	22.2

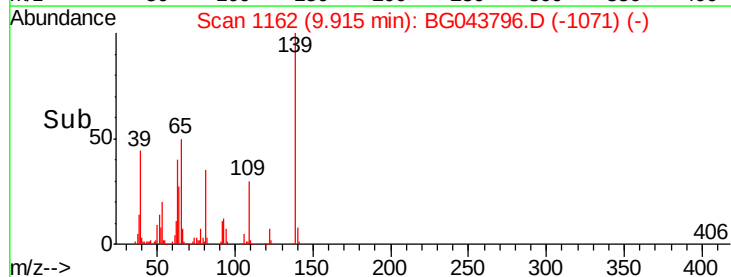
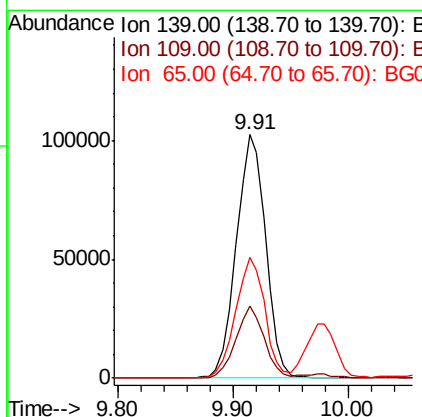
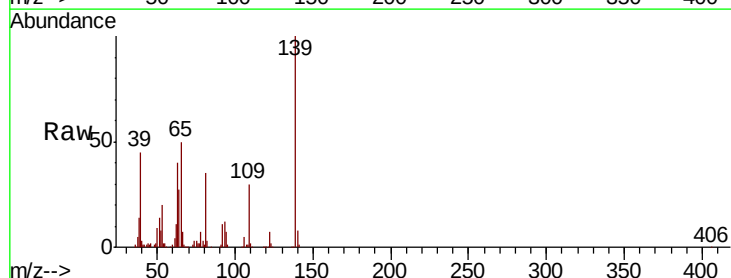
Manual Integrations
APPROVED

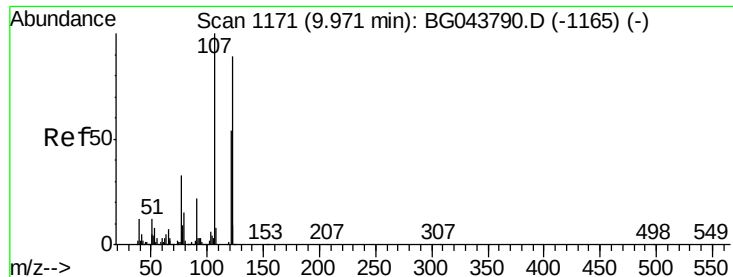
mohammad
12/10/2019 11:51:14 AM



#26
2-Nitrophenol
Concen: 47.535 ng
RT: 9.91 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.5	23.9	35.9
65	49.8	39.3	58.9





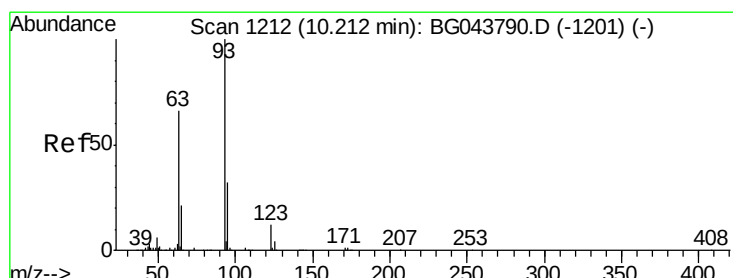
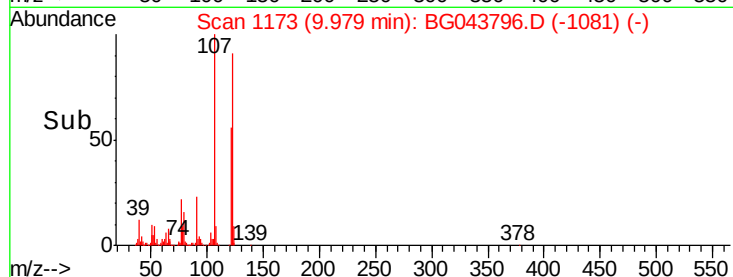
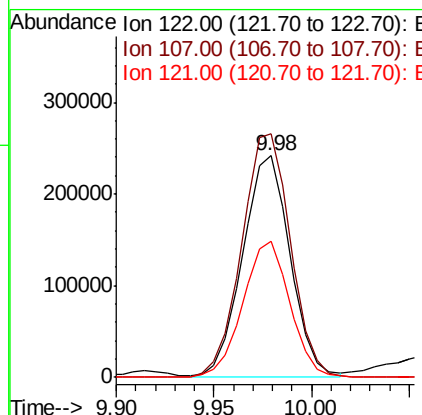
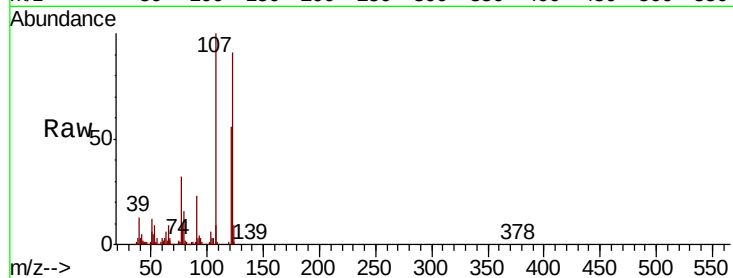
#27
2,4-Dimethylphenol
Concen: 60.444 ng
RT: 9.98 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	109.8	90.0	135.0	
121	61.2	48.6	73.0	

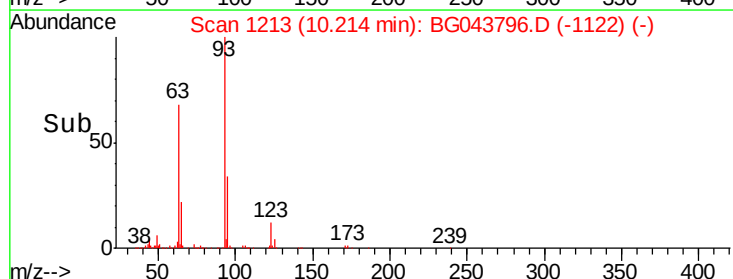
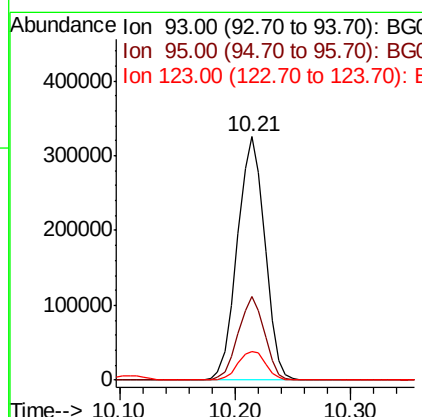
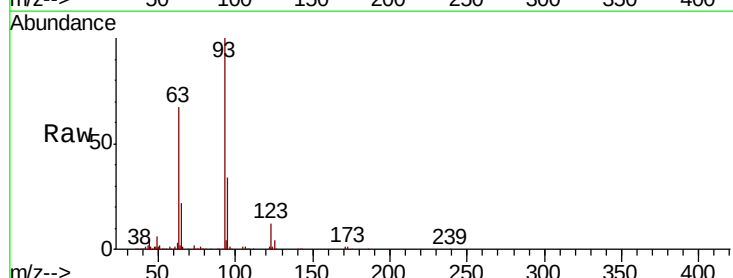
Manual Integrations
APPROVED

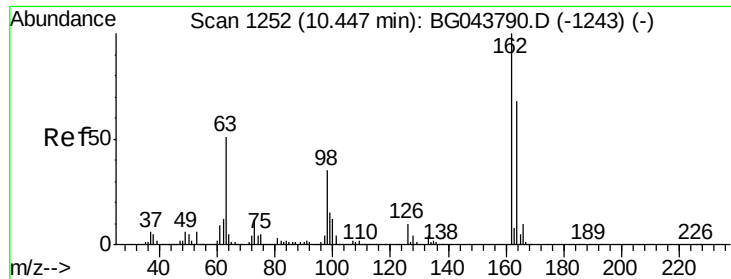
mohammad
12/10/2019 11:51:14 AM



#28
bis(2-Chloroethoxy)methane
Concen: 44.059 ng
RT: 10.21 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	34.1	25.7	38.5	
123	11.9	9.5	14.3	





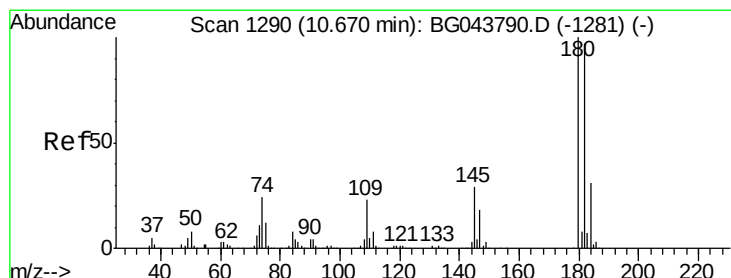
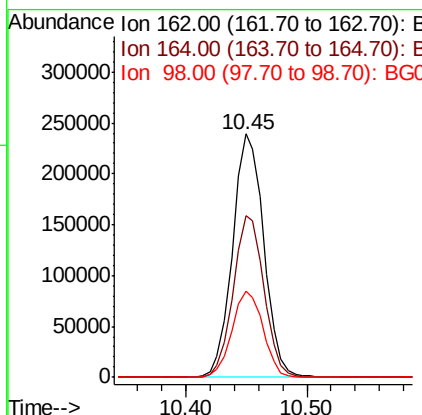
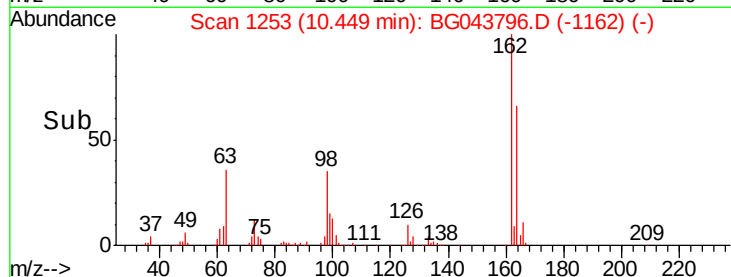
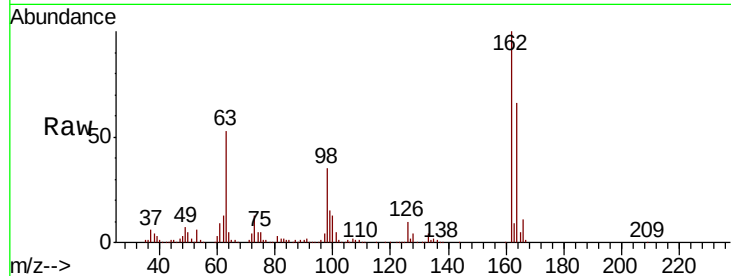
#29
2,4-Dichlorophenol
Concen: 52.084 ng
RT: 10.45 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	48.0	88.0
98	35.4	14.9	54.9

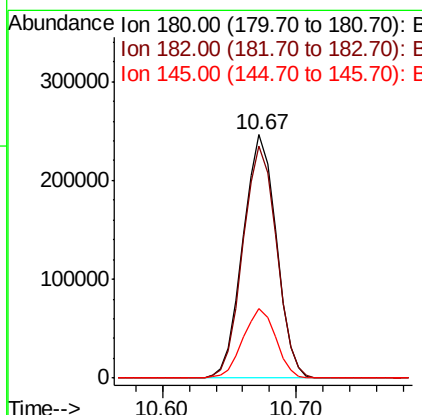
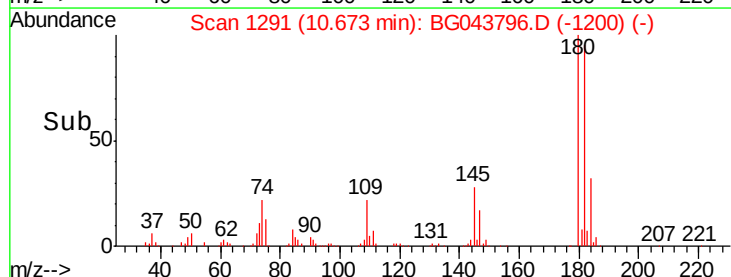
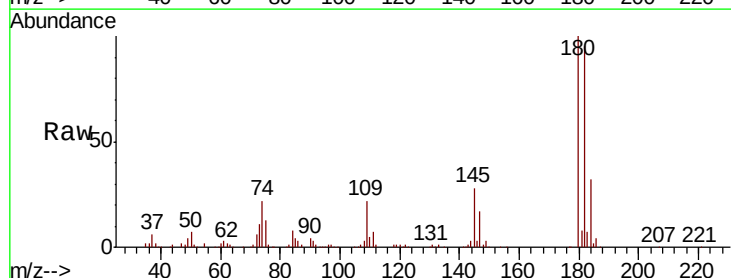
Manual Integrations
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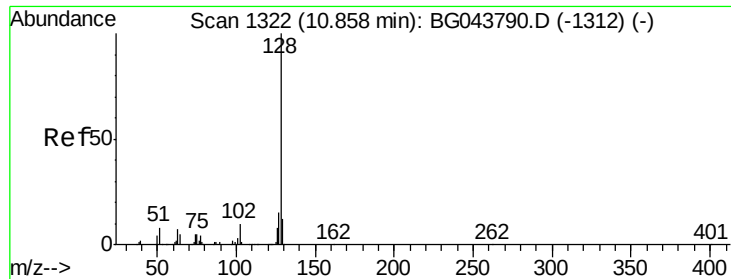
mohammad
12/10/2019 11:51:14 AM



#30
1,2,4-Trichlorobenzene
Concen: 43.544 ng
RT: 10.67 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.8	116.8
145	28.4	23.0	34.6





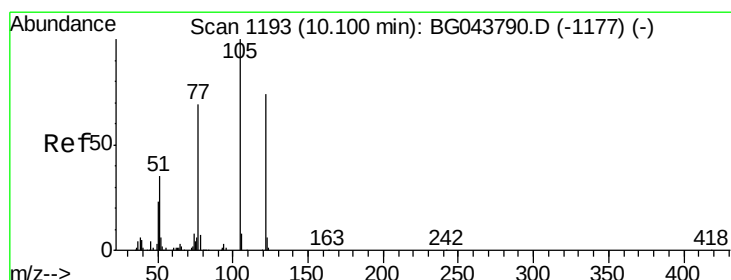
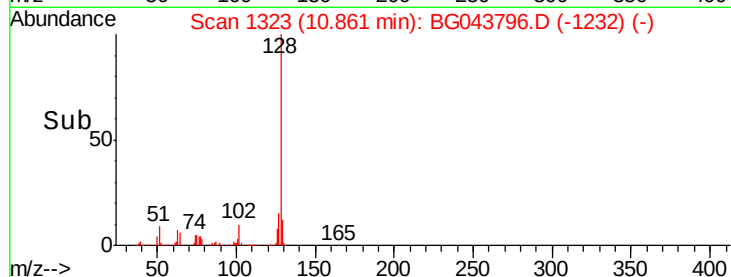
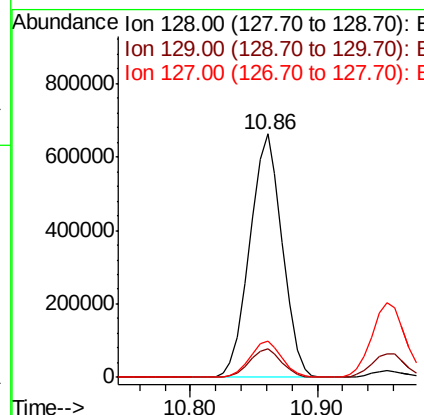
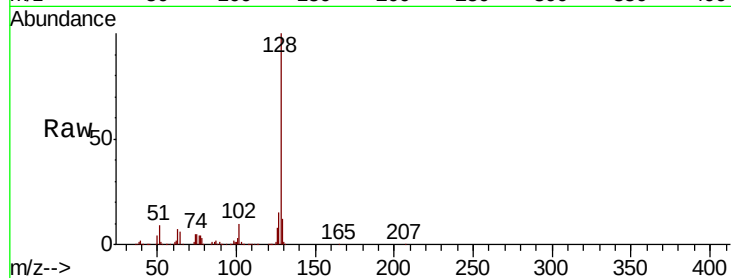
#31
Naphthalene
Concen: 45.827 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.6
127	15.0	11.9	17.9

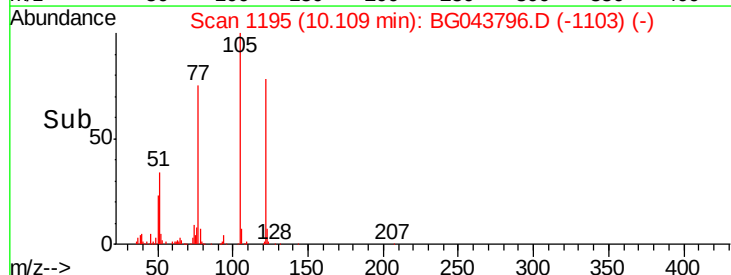
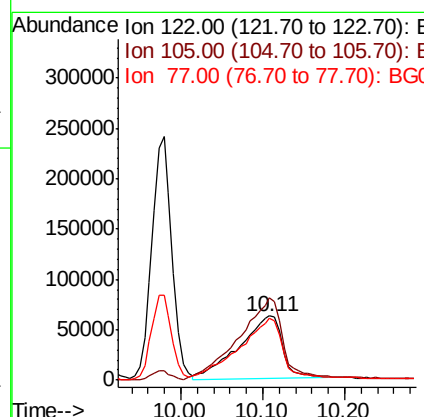
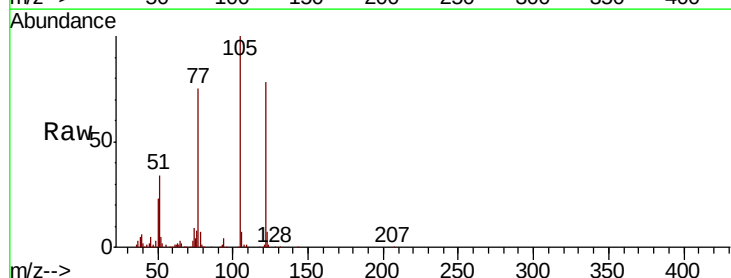
Manual Integrations
APPROVED

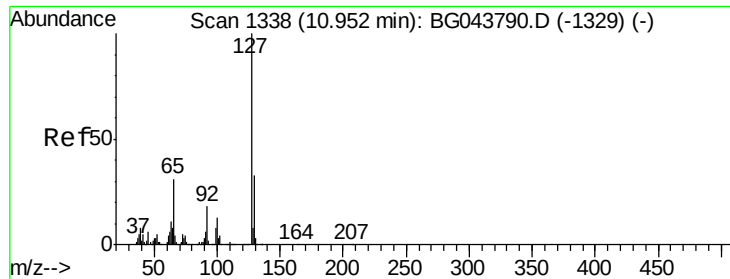
mohammad
12/10/2019 11:51:14 AM



#32
Benzoic acid
Concen: 48.477 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.1	107.5	147.5
77	95.9	71.7	111.7





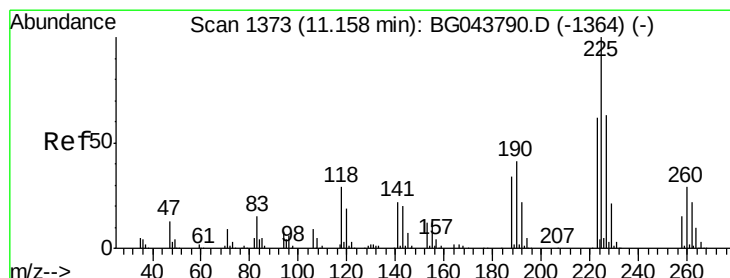
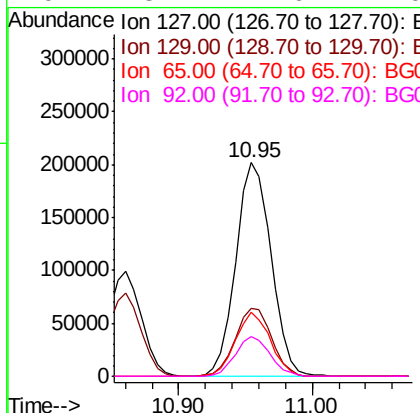
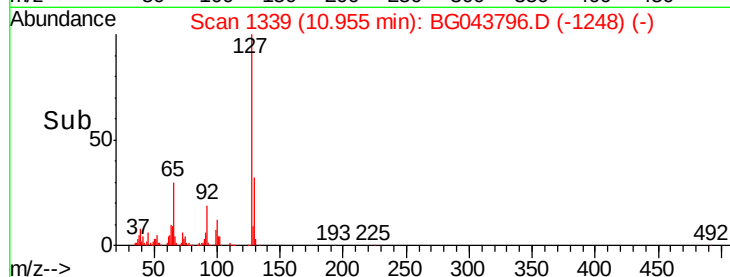
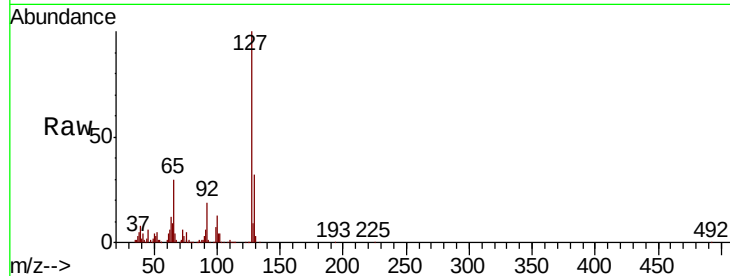
#33
4-Chloroaniline
Concen: 29.593 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.1	39.1		
65	30.2	24.4	36.6		
92	18.7	14.6	22.0		

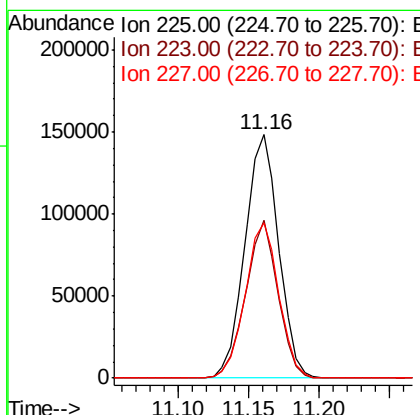
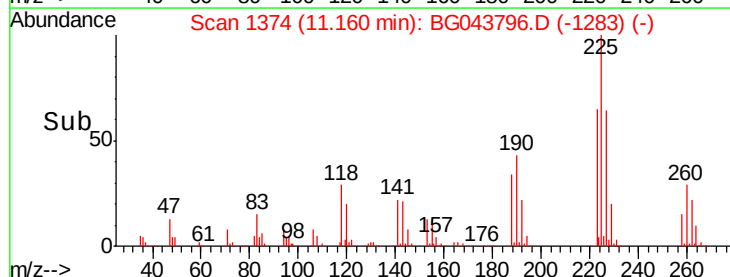
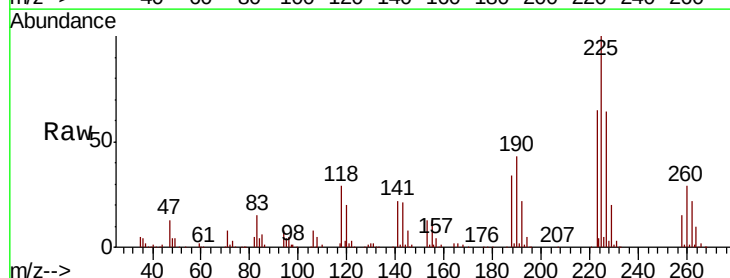
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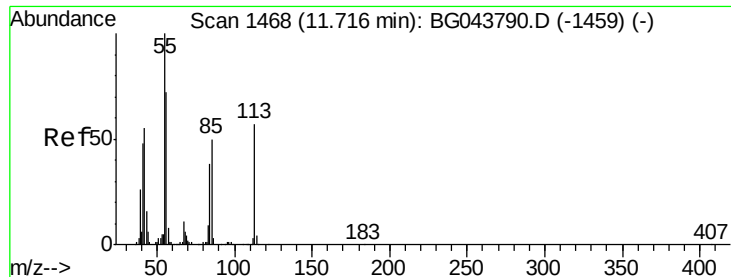
mohammad
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#34
Hexachlorobutadiene
Concen: 41.865 ng
RT: 11.16 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.7	49.3	73.9		
227	63.9	50.2	75.2		





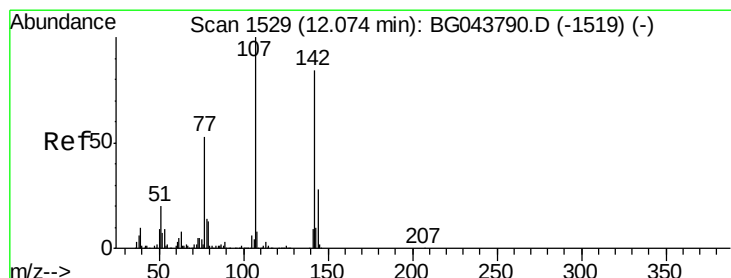
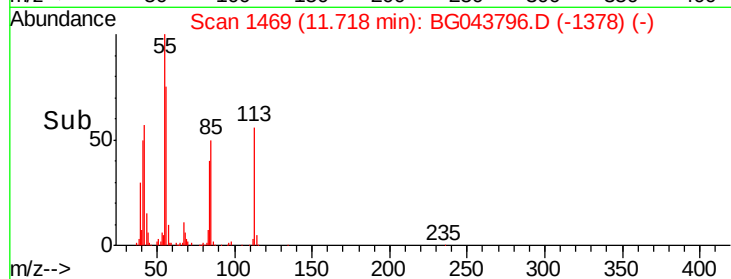
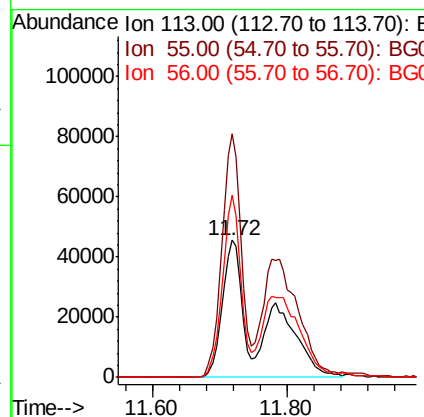
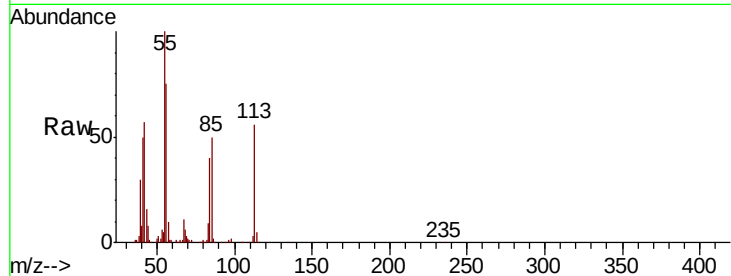
#35
Caprolactam
Concen: 54.491 ng/ml
RT: 11.72 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
113	100		
55	177.8	154.2	194.2
56	132.6	105.6	145.6

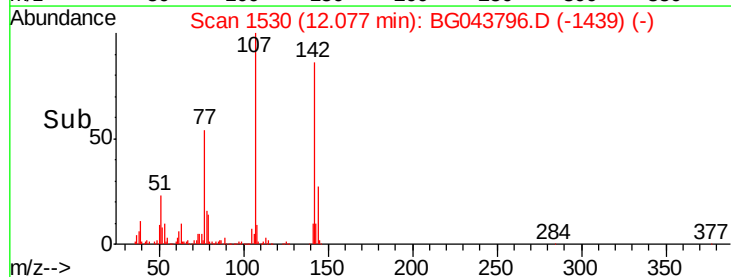
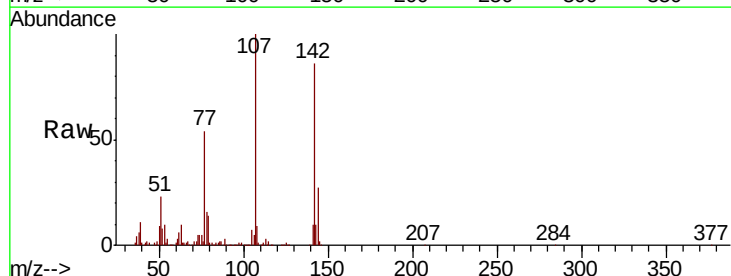
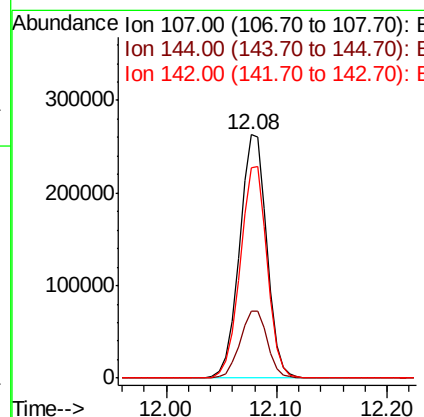
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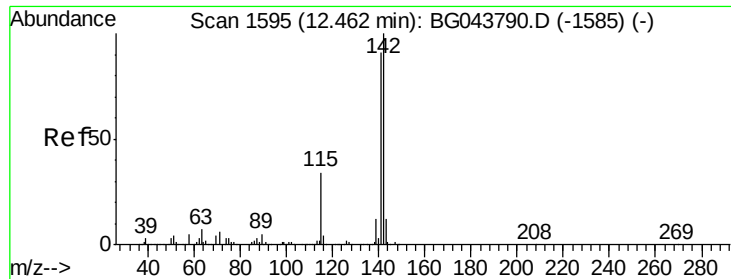
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 51.339 ng/ml
RT: 12.08 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	22.2	33.4
142	86.2	67.0	100.6





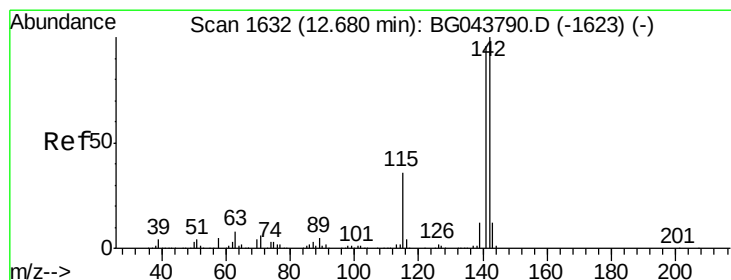
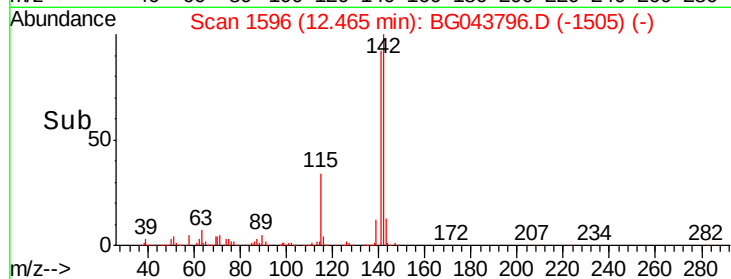
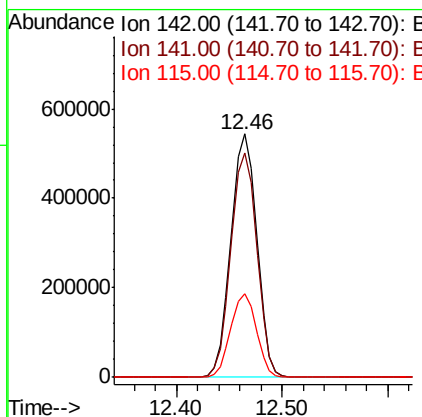
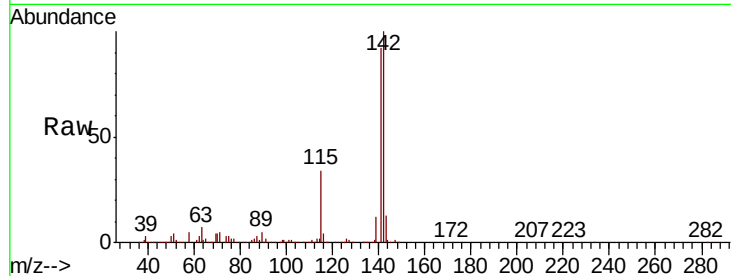
#37
2-Methylnaphthalene
Concen: 46.451 ng
RT: 12.46 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.2	109.8
115	34.3	27.3	40.9

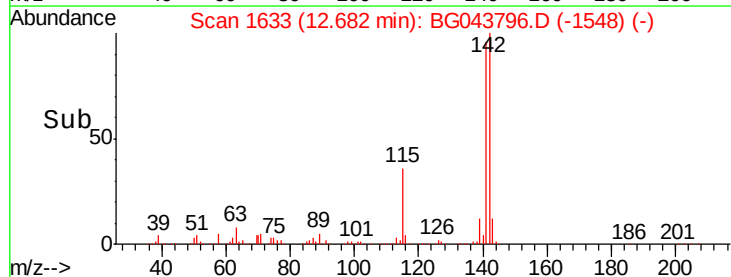
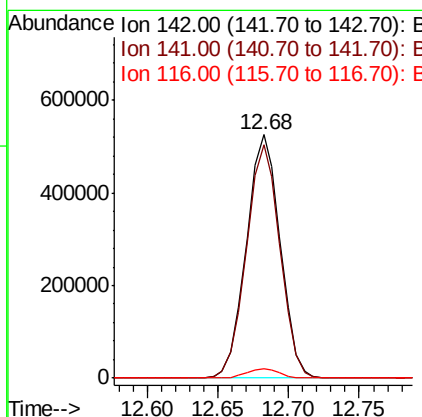
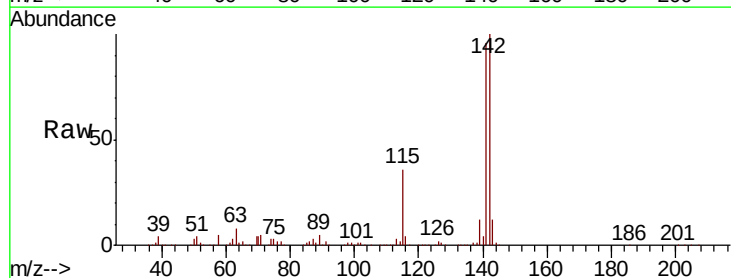
Manual Integrations
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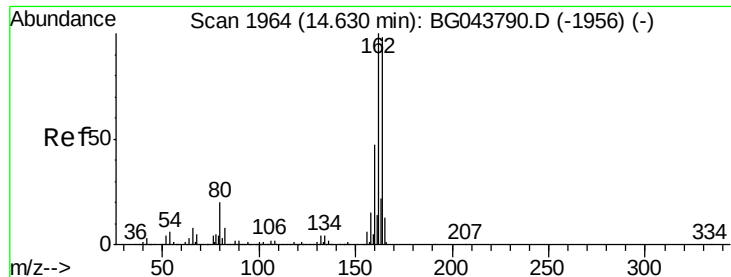
mohammad
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#38
1-Methylnaphthalene
Concen: 46.648 ng
RT: 12.68 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.6	76.9	115.3
116	3.8	3.2	4.8





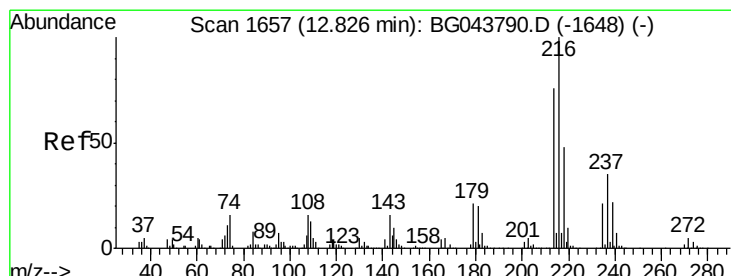
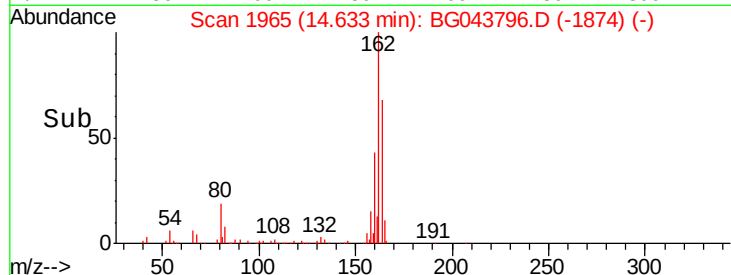
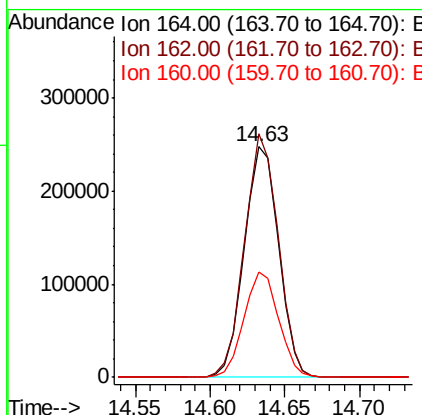
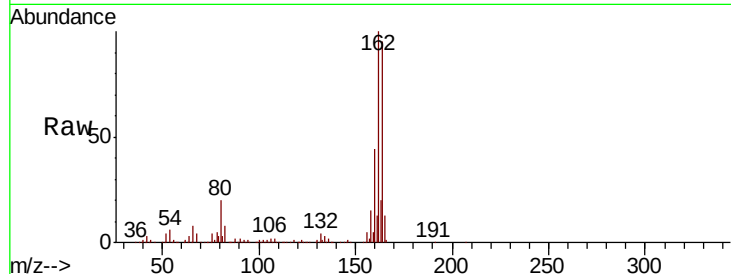
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.5	81.9	122.9	
160	45.9	38.3	57.5	

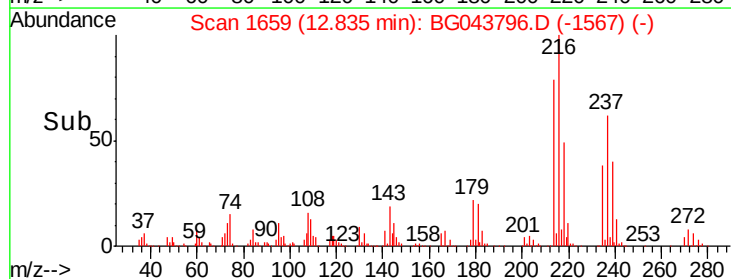
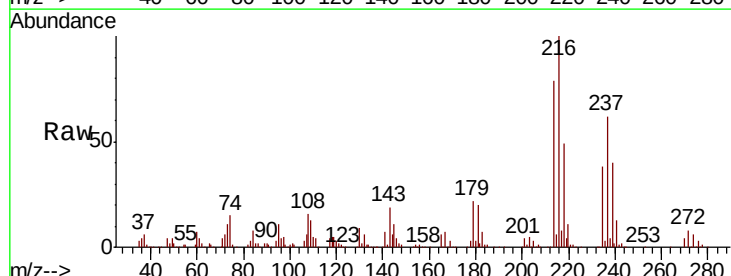
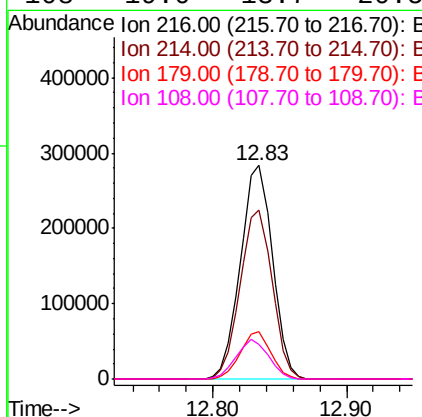
Manual Integrations
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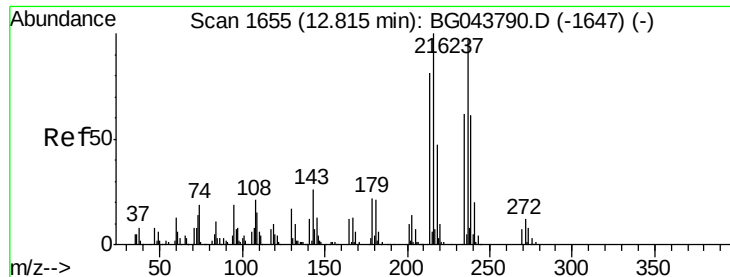
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.672 ng
RT: 12.83 min Scan# 1659
Delta R.T. 0.01 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	62.2	93.4	
179	21.2	16.6	25.0	
108	19.0	13.7	20.5	





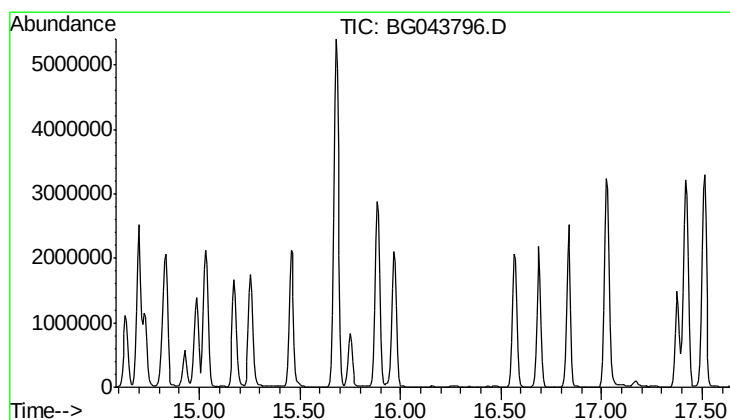
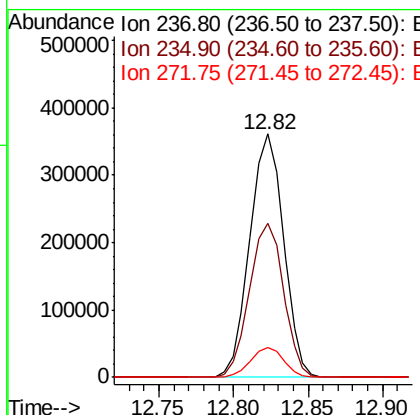
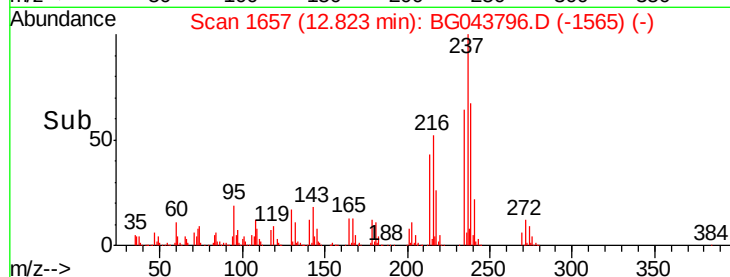
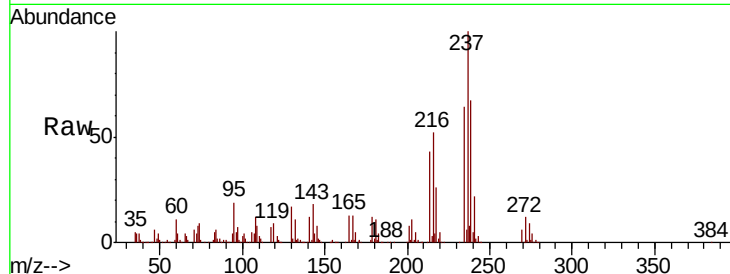
#41
Hexachlorocyclopentadiene
Concen: 101.573 ng
RT: 12.82 min Scan# 1657
Delta R.T. 0.01 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.5	43.9	83.9
272	12.1	0.0	32.0

Manual Integrations
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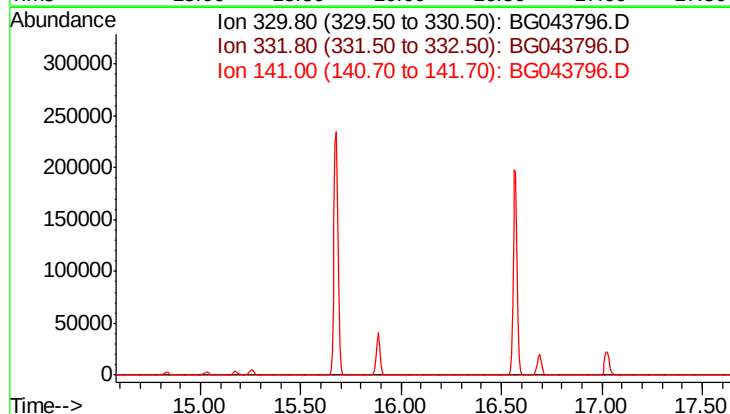
mohammad
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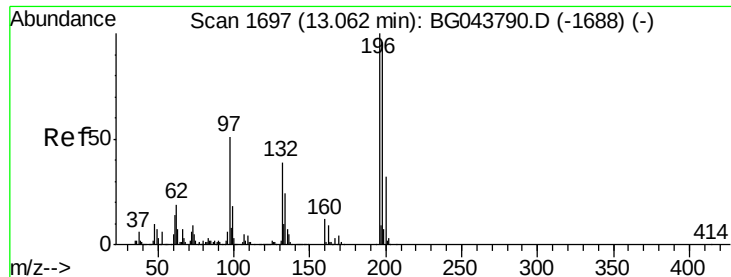


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.11 min

Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Exp Ratio
330	100
332	96.1
141	42.3





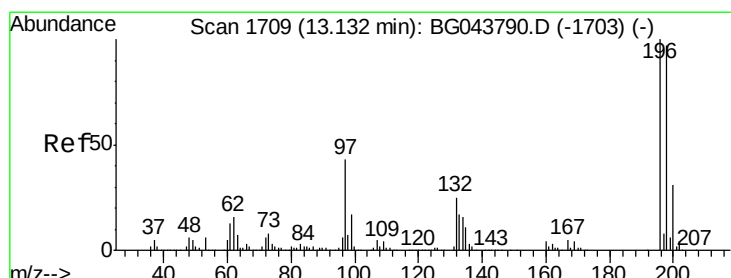
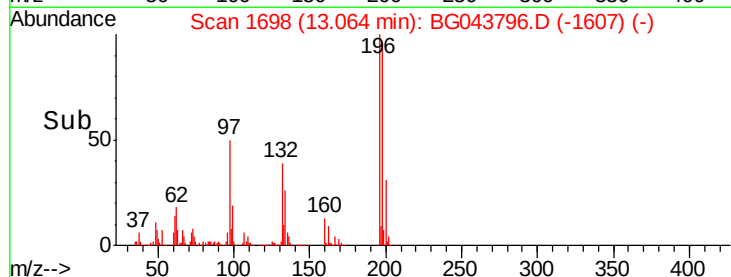
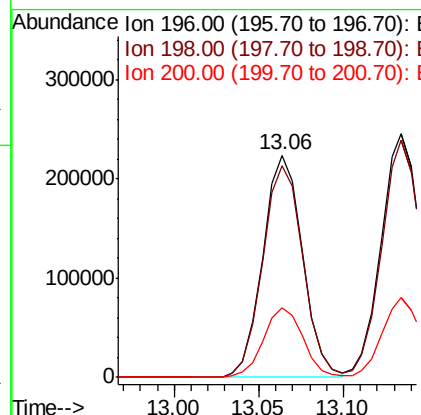
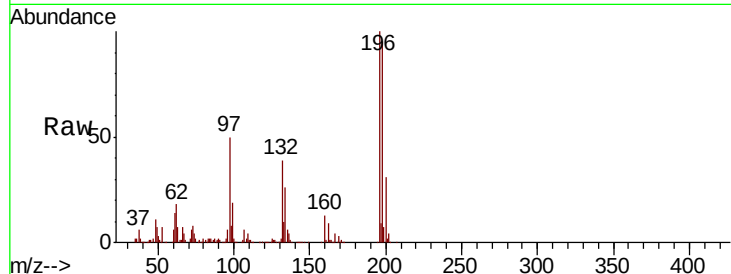
#43
2,4,6-Trichlorophenol
Concen: 48.433 ng
RT: 13.06 min Scan# 1698
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Resp	Lower	Upper
196	100	364883		
198	95.2	77.0	115.6	
200	31.5	25.7	38.5	

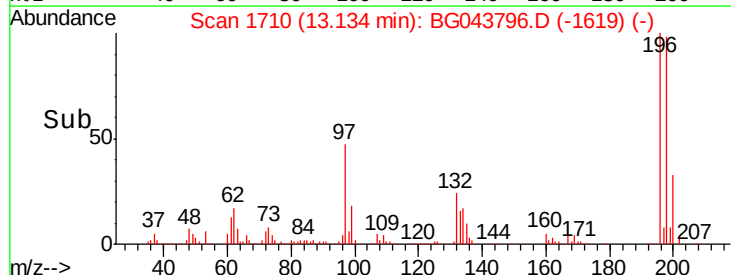
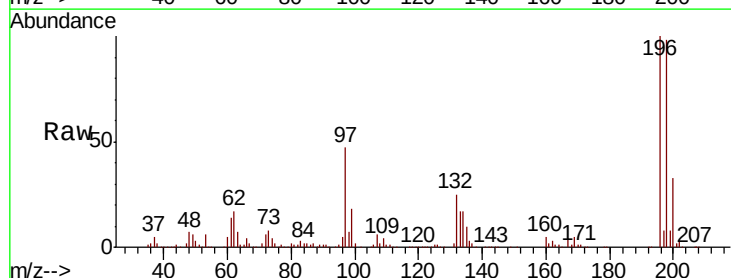
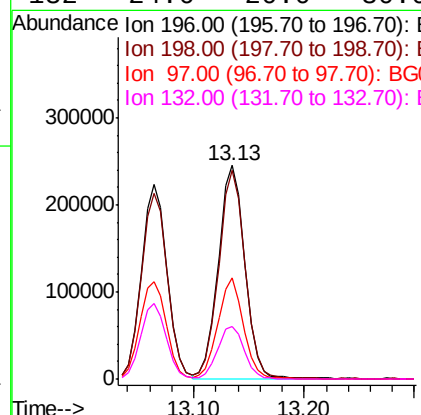
Manual Integrations
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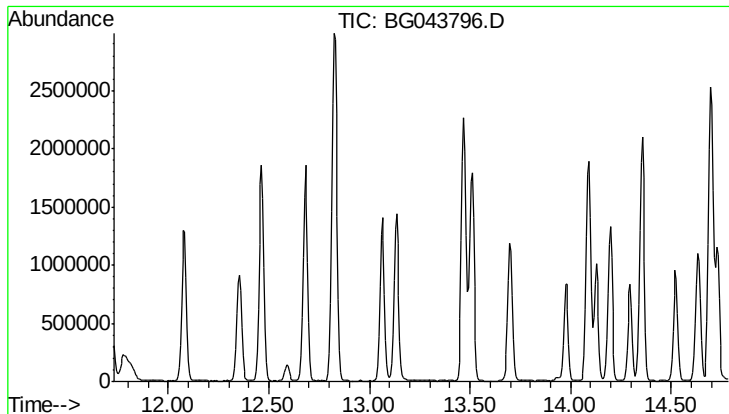
mohammad
12/10/2019 11:51:14 AM



#44
2,4,5-Trichlorophenol
Concen: 51.487 ng
RT: 13.13 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	406384		
198	97.6	77.4	116.0	
97	47.3	34.7	52.1	
132	24.6	20.0	30.0	





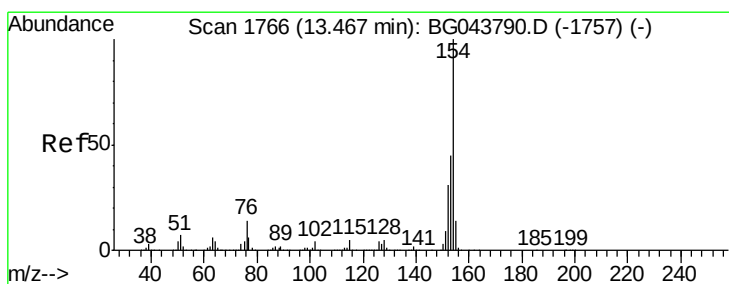
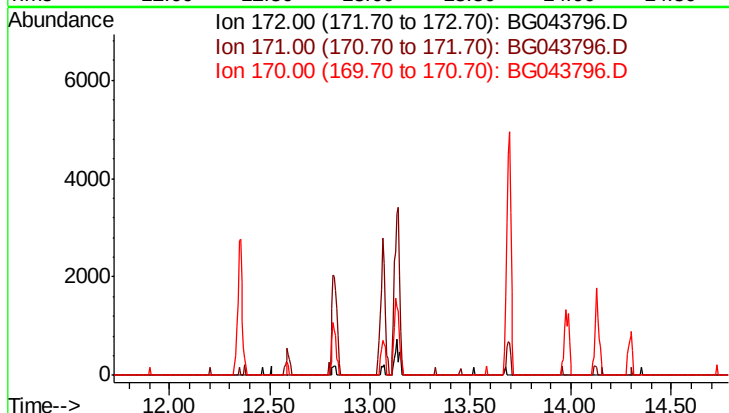
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.26 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion: 172
Sig Exp Ratio
172 100
171 43.2
170 29.1

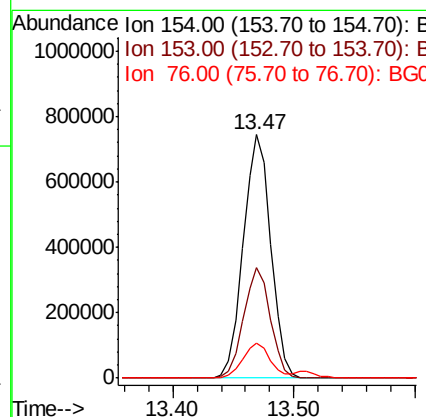
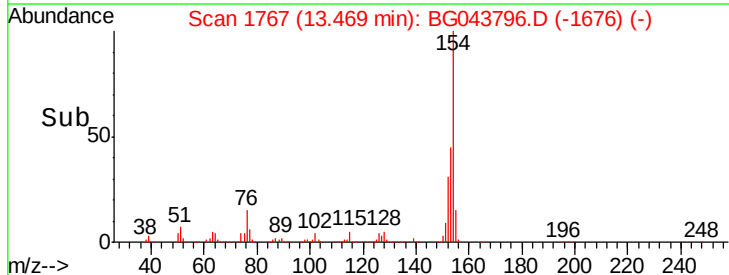
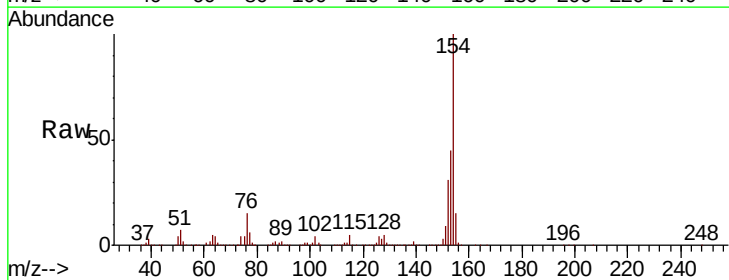
Manual Integrations
APPROVED

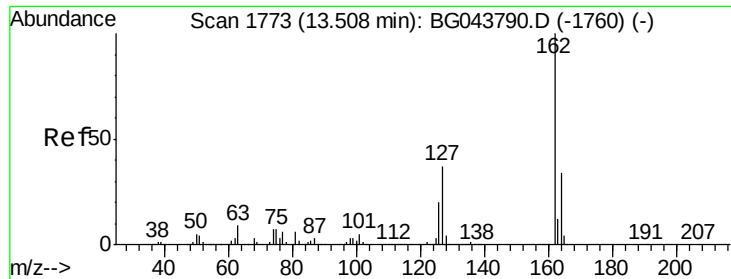
mohammad
12/10/2019 11:51:14 AM



#46
1,1'-Biphenyl
Concen: 43.304 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion: 154 Resp: 1177620
Ion Ratio Lower Upper
154 100
153 45.1 24.5 64.5
76 14.5 0.0 33.9





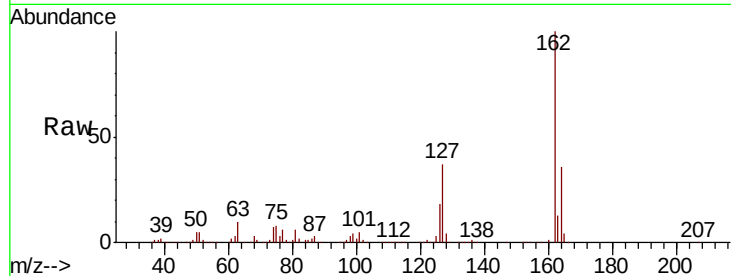
#47
2-Chloronaphthalene
Concen: 42.396 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

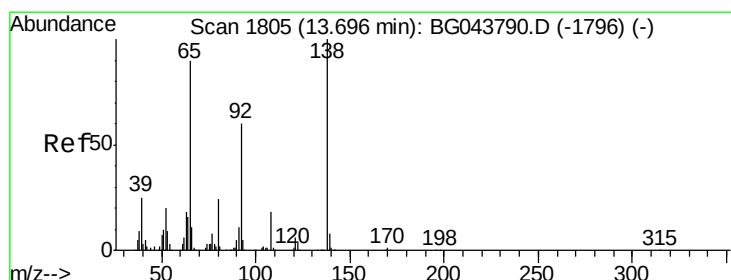
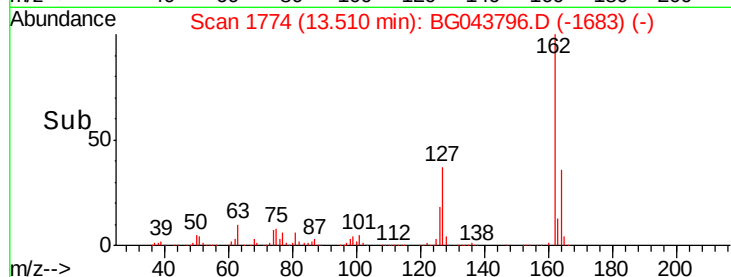
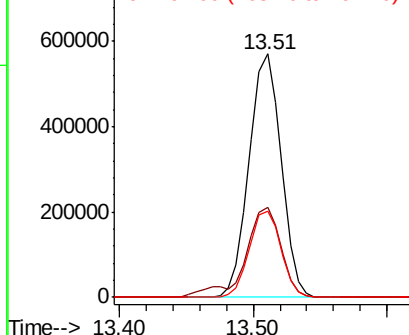
Tot Ion	Ratio	Resp	Lower	Upper
162	100	942538		
127	37.1		30.0	45.0
164	35.5		27.6	41.4

Manual Integrations
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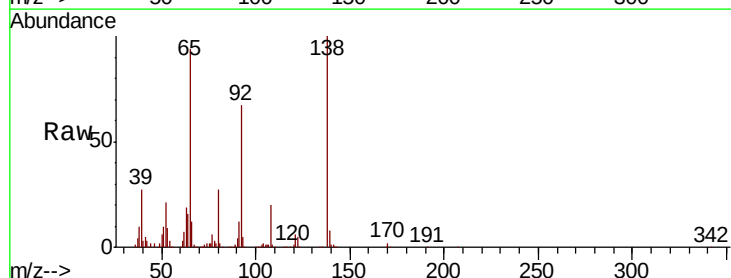


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

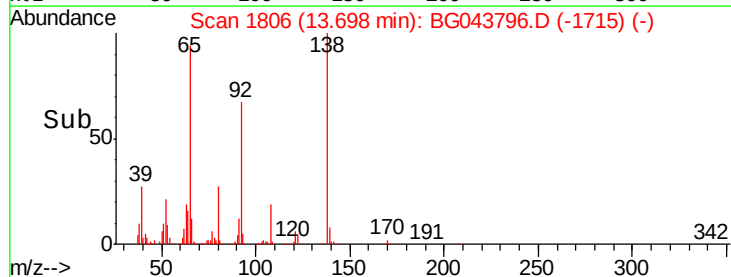
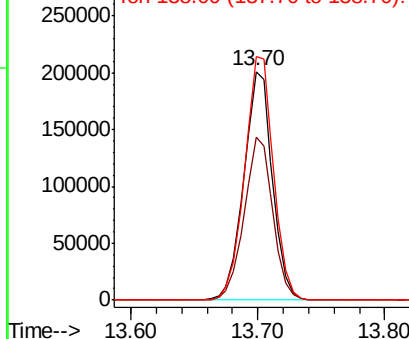


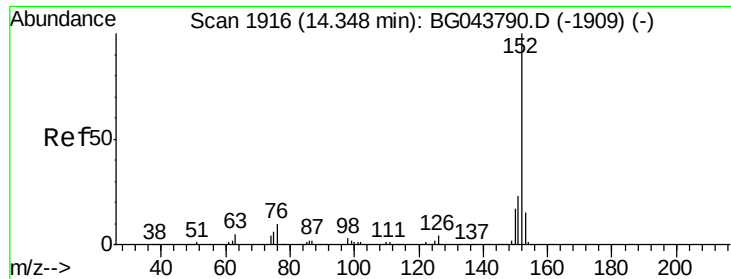
#48
2-Nitroaniline
Concen: 47.966 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	314490		
92	71.2		53.7	80.5
138	106.4		88.8	133.2



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





#49

Acenaphthylene

Concen: 46.074 ng

RT: 14.36 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

Instrument :

BNA_G

ClientSampleId :

8270-SPIKE

Tot Ion:152 Resp: 1525856

Ion Ratio Lower Upper

152 100

151 24.6 18.5 27.7

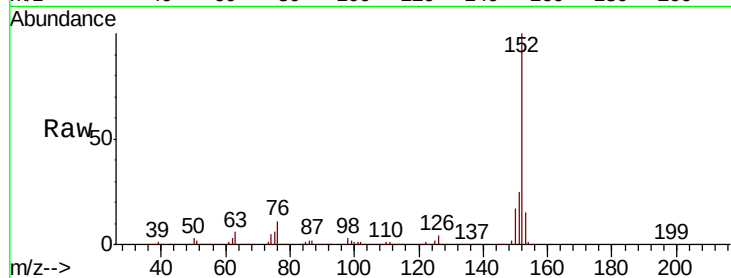
153 14.9 11.8 17.8

Manual Integrations

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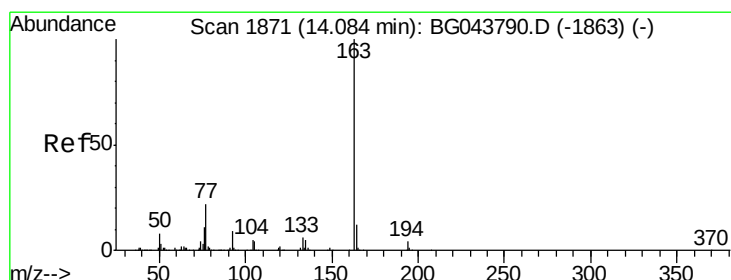
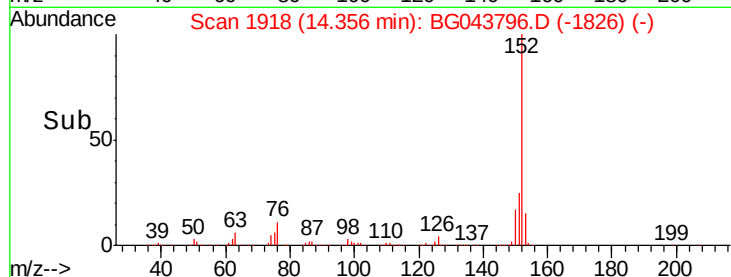
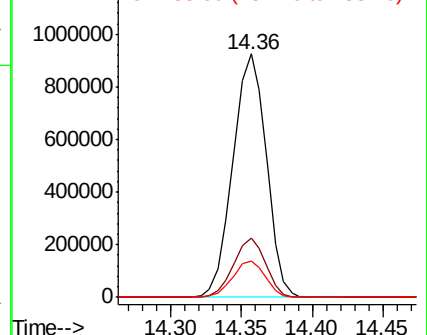


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.879 ng

RT: 14.09 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

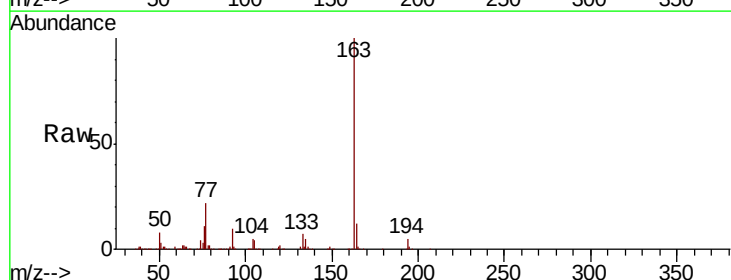
Tgt Ion:163 Resp: 1291682

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

164 12.0 9.4 14.0

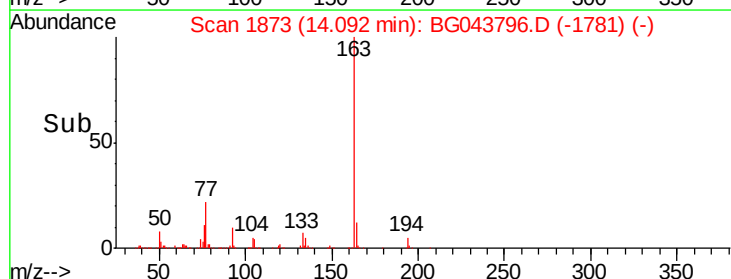
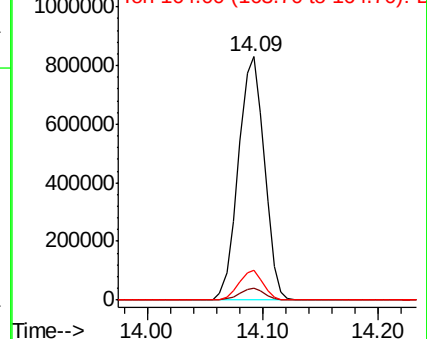


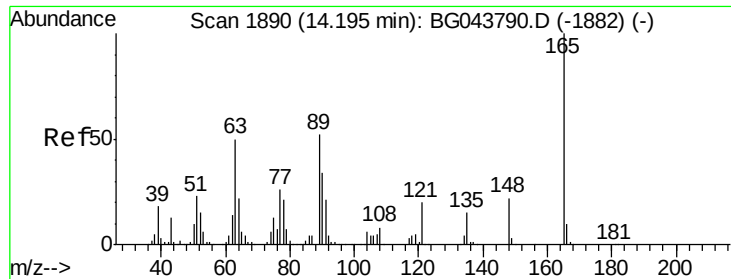
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





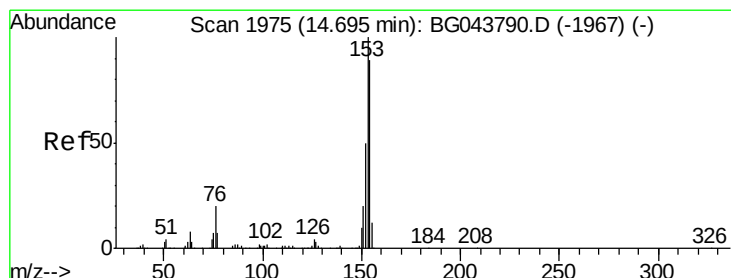
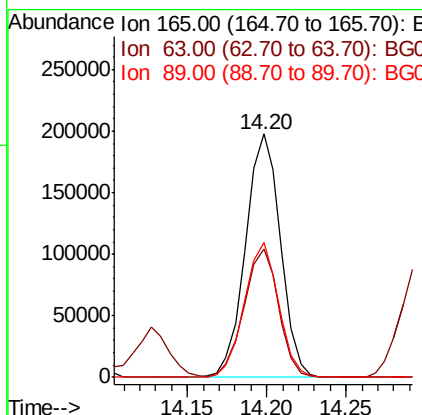
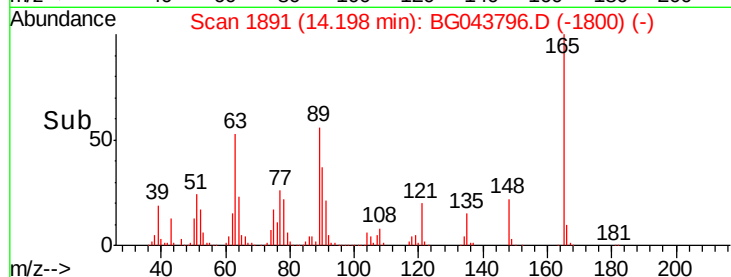
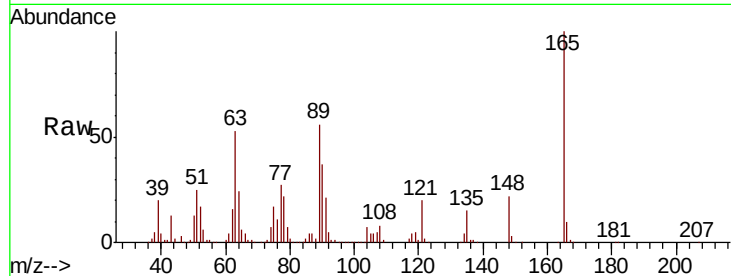
#51
2,6-Dinitrotoluene
Concen: 49.716 ng
RT: 14.20 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.9	40.3	60.5
89	55.5	41.8	62.8

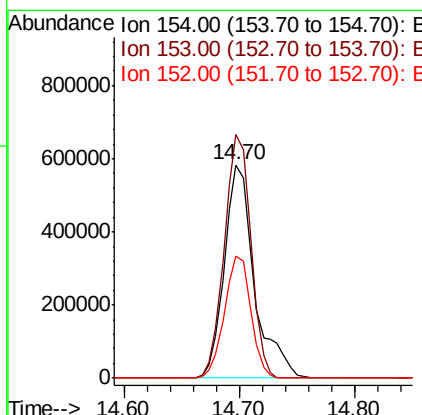
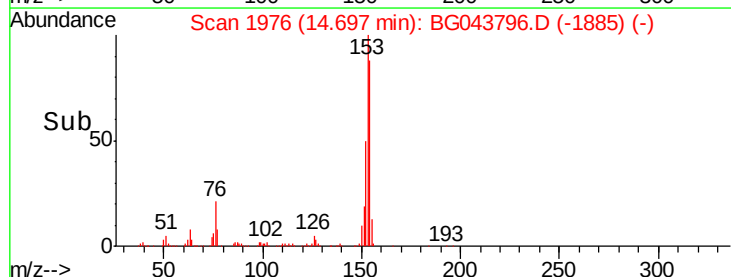
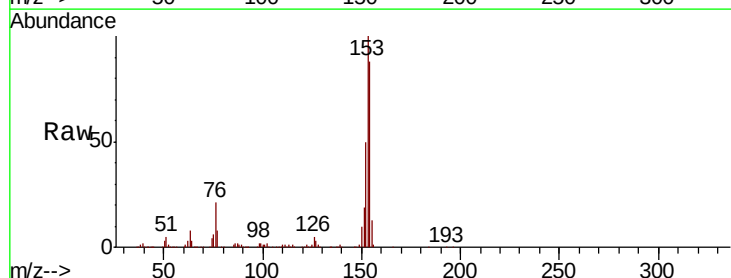
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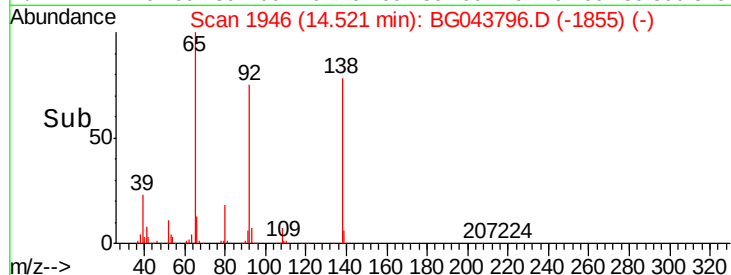
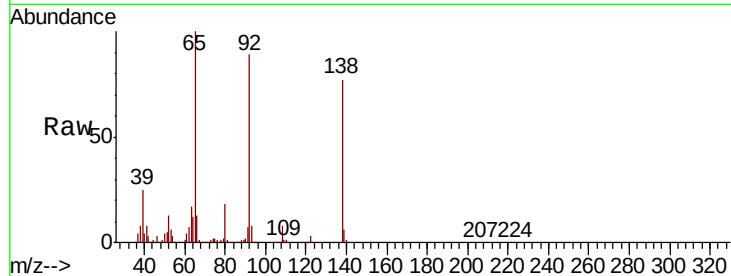
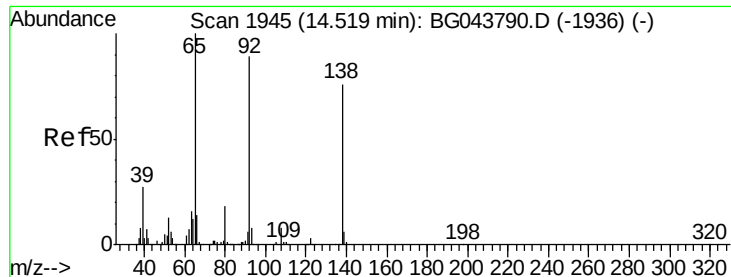
mohammad
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#52
Acenaphthene
Concen: 48.322 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.5	134.3
152	57.1	45.0	67.4





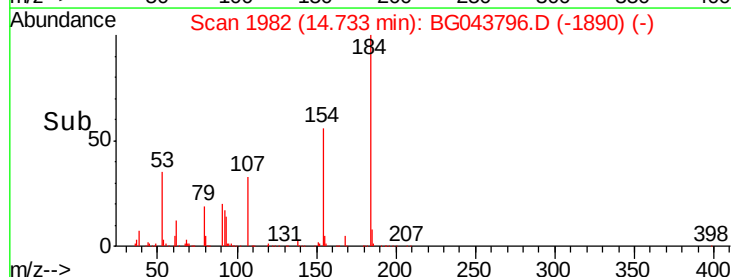
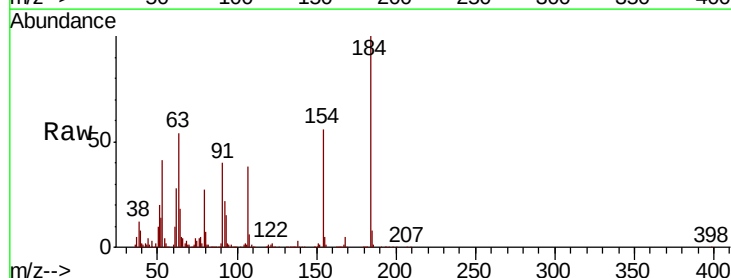
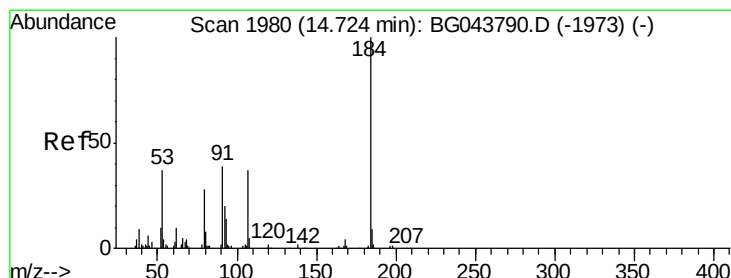
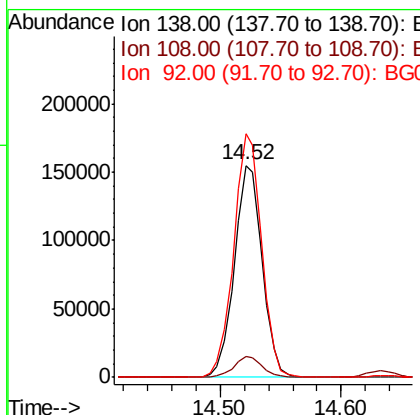
#53
3-Nitroaniline
Concen: 35.834 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.1	12.1
92	115.0	94.6	141.8

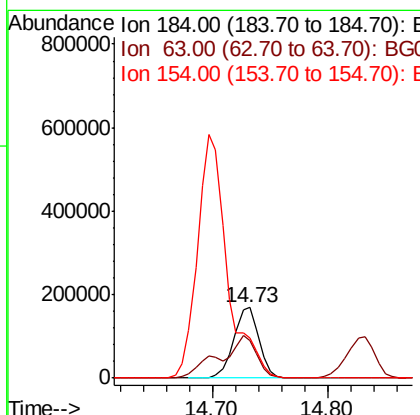
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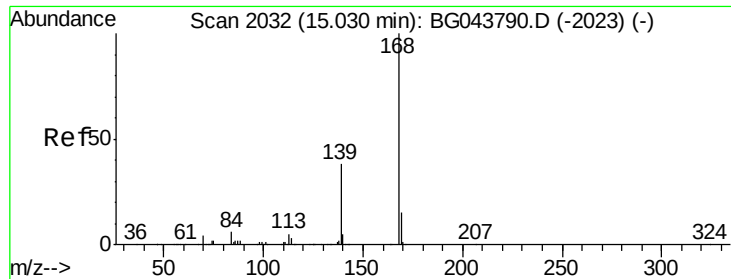
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#54
2,4-Dinitrophenol
Concen: 95.564 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.9	43.4	65.0
154	56.3	54.8	82.2





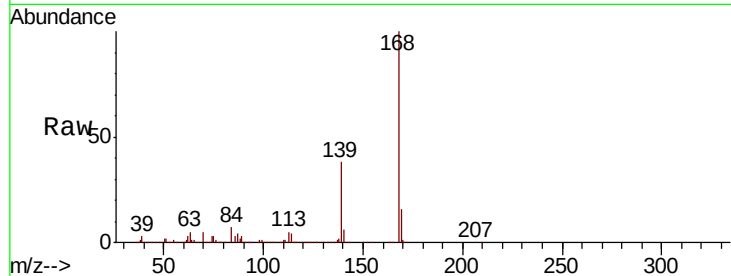
#55
Dibenzofuran
Concen: 45.636 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.4	45.6
169	15.9	12.0	18.0

Manual Integrations
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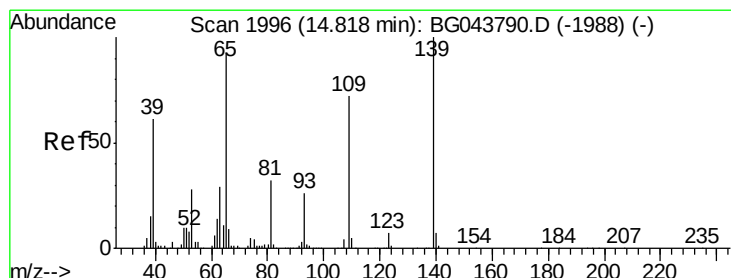
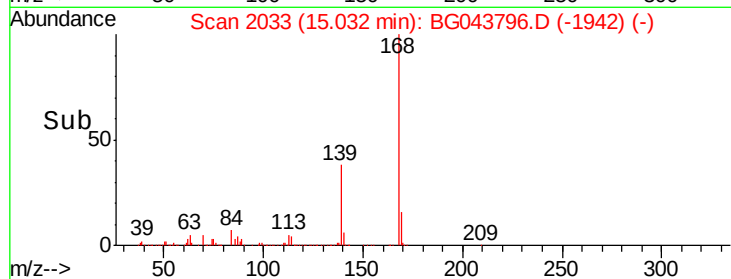
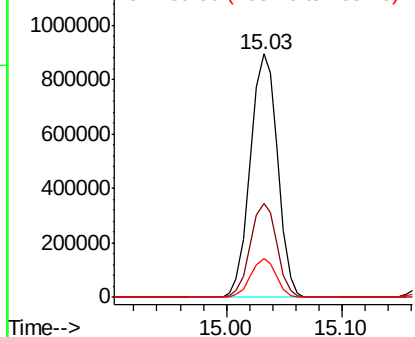


Abundance

Ion 168.00 (167.70 to 168.70): E

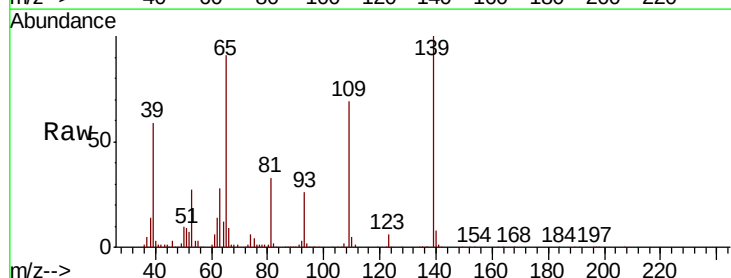
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 116.747 ng
RT: 14.83 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.2	51.5	91.5
65	91.4	73.7	113.7

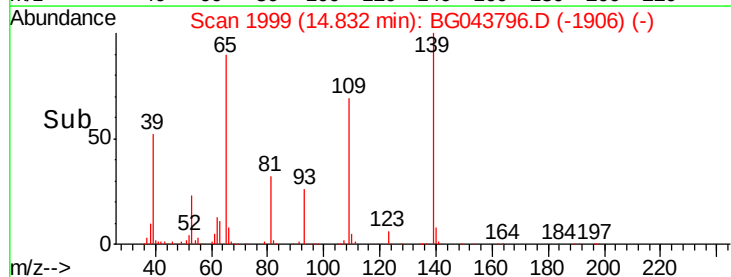
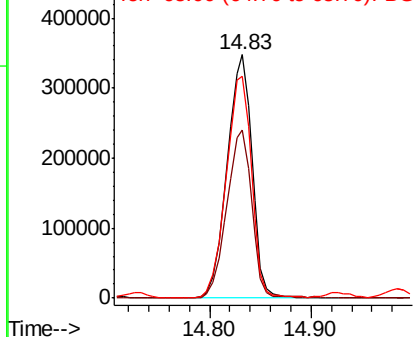


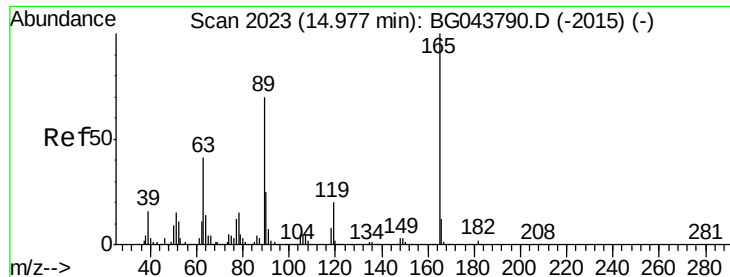
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





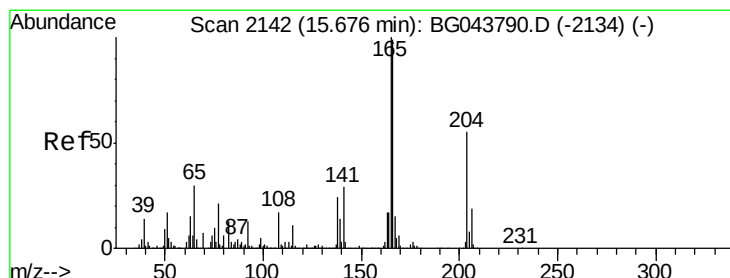
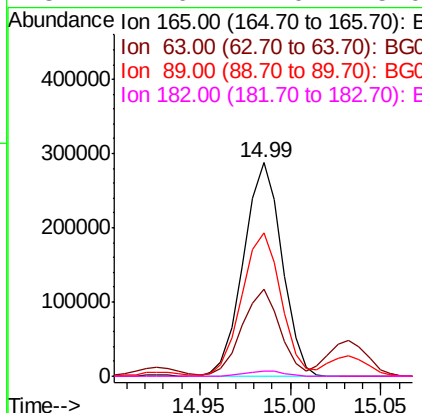
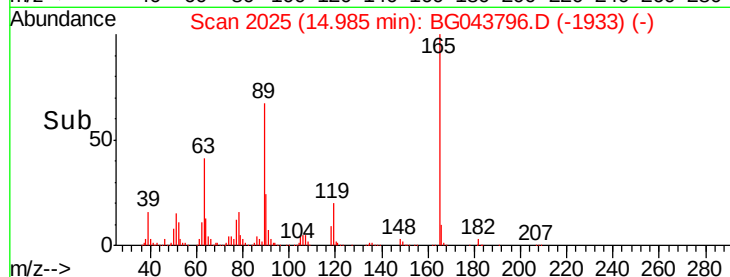
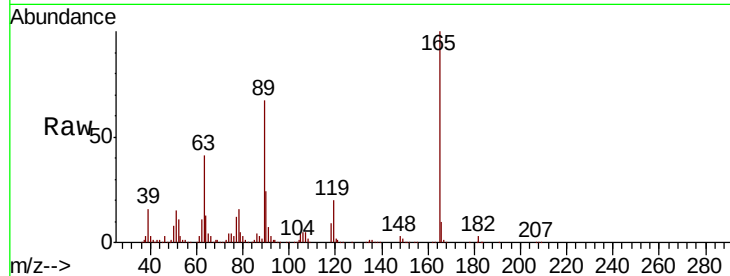
#57
2,4-Dinitrotoluene
Concen: 51.581 ng
RT: 14.99 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Resp	Lower	Upper
165	100	422877		
63	40.5	32.7	49.1	
89	67.1	56.1	84.1	
182	2.6	2.0	3.0	

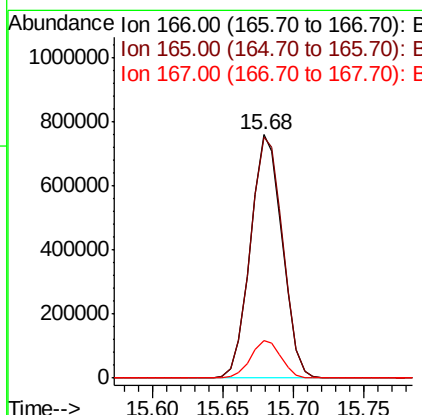
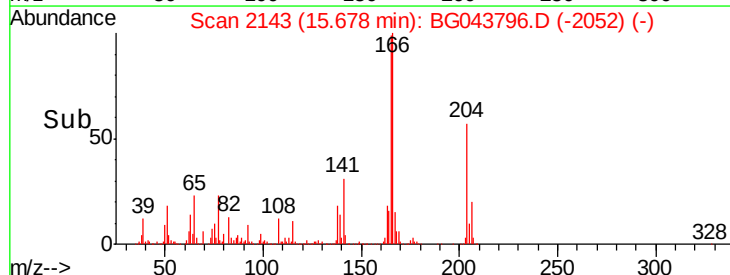
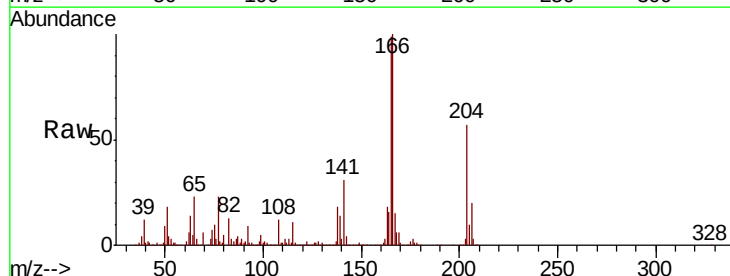
Manual Integrations
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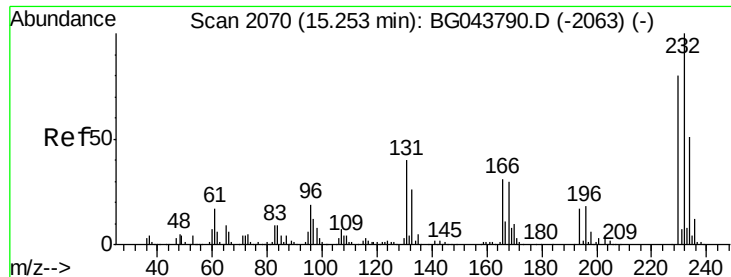
mohammad
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#58
Fluorene
Concen: 46.191 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1200682		
165	99.1	80.5	120.7	
167	15.3	12.1	18.1	





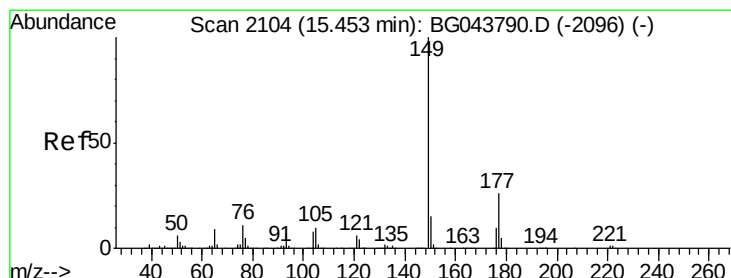
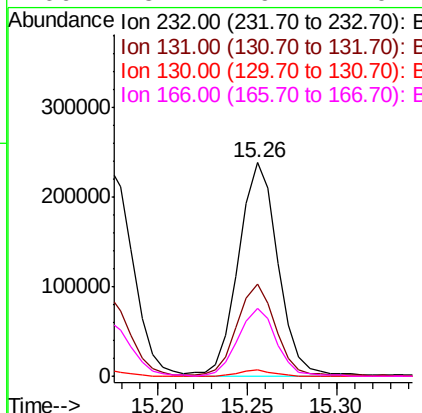
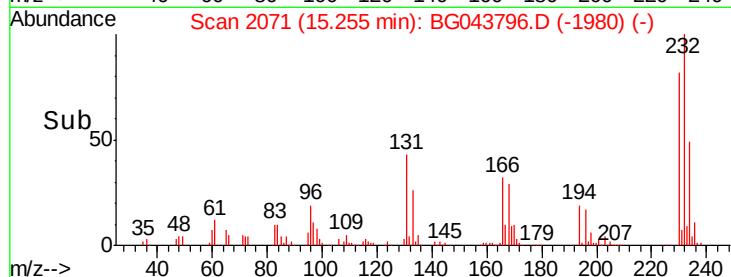
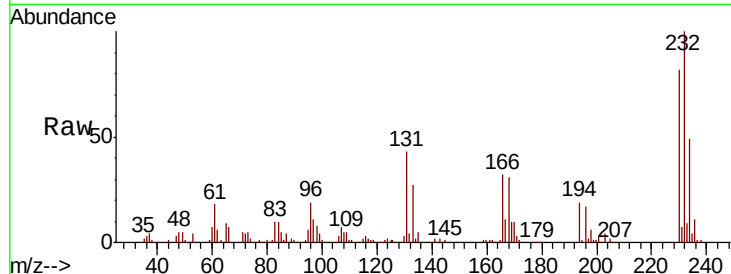
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.018 ng/ml
 RT: 15.26 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: BG043796.D
 Acq: 9 Dec 2019 19:47

Instrument :
 BNA_G
 ClientSampleId :
 8270-SPIKE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		368379		
131	36.2	27.9	41.9		
130	2.4	1.8	2.8		
166	25.1	19.4	29.2		

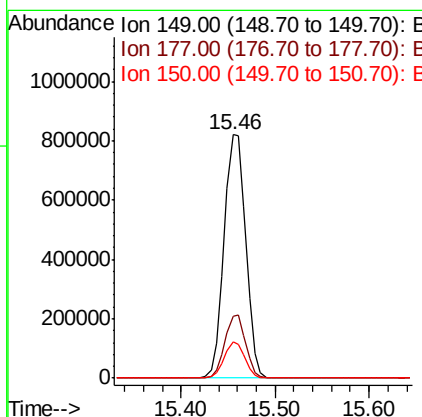
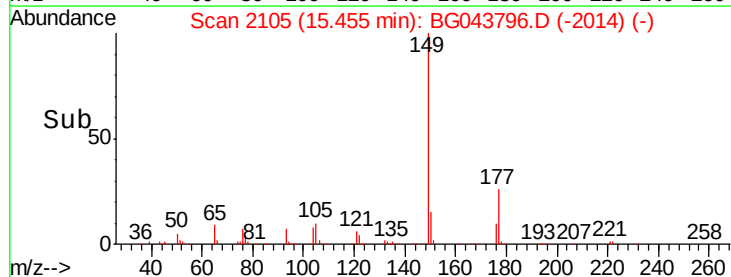
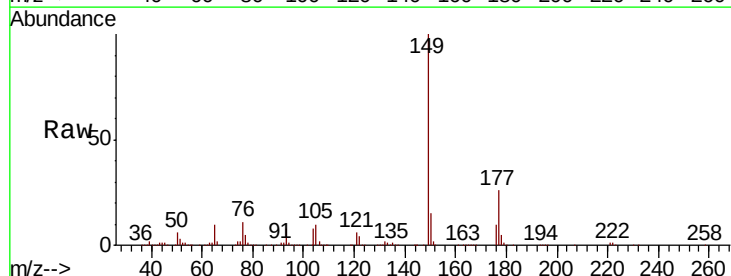
Manual Integrations
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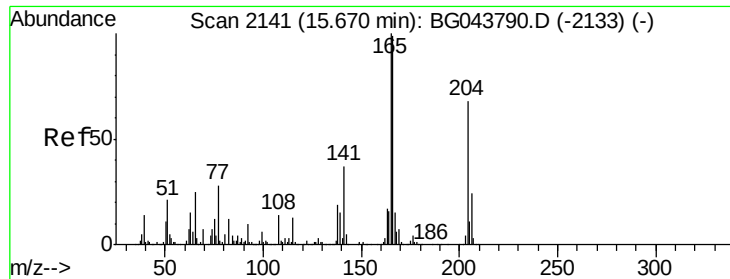
mohammad
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#60
 Diethylphthalate
 Concen: 46.822 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG043796.D
 Acq: 9 Dec 2019 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1316756		
177	25.7	20.4	30.6		
150	14.9	11.6	17.4		





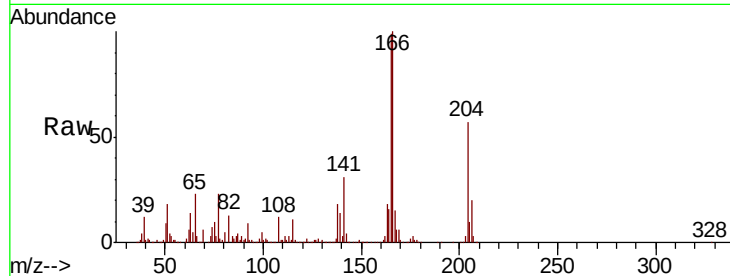
#61
4-Chlorophenyl-phenylether
Concen: 44.635 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Resp	Lower	Upper
204	100	649793		
206	35.2		28.1	42.1
141	54.5		44.1	66.1

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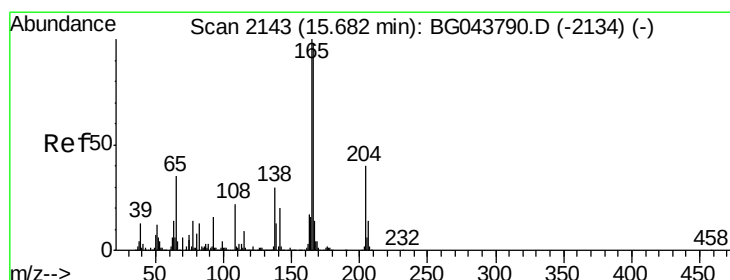
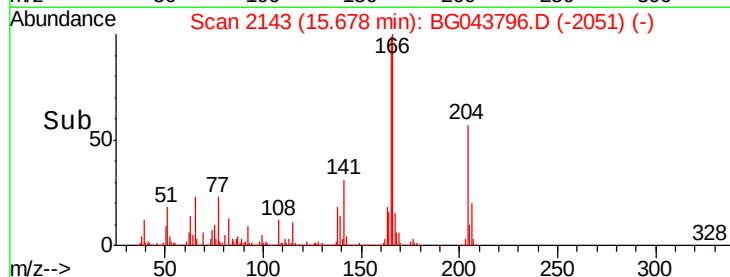
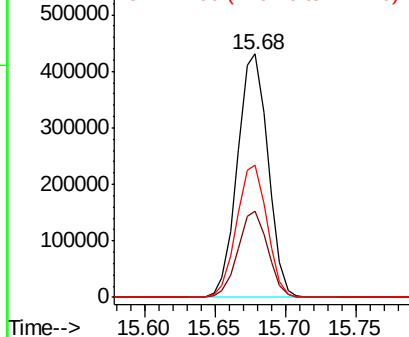


Abundance

Ion 204.00 (203.70 to 204.70): E

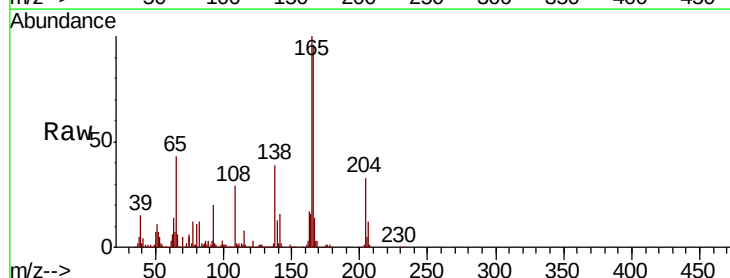
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 46.662 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	335686		
92	51.4		31.5	71.5
108	74.0		53.1	93.1

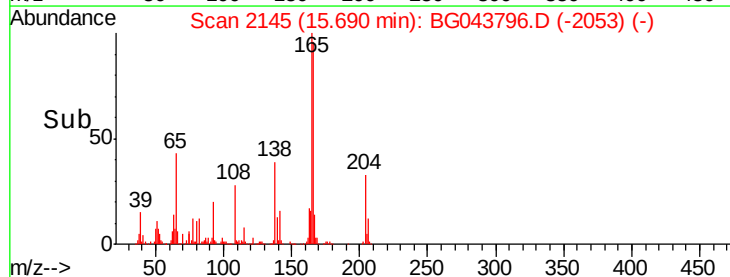
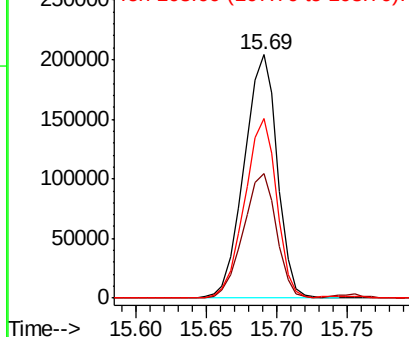


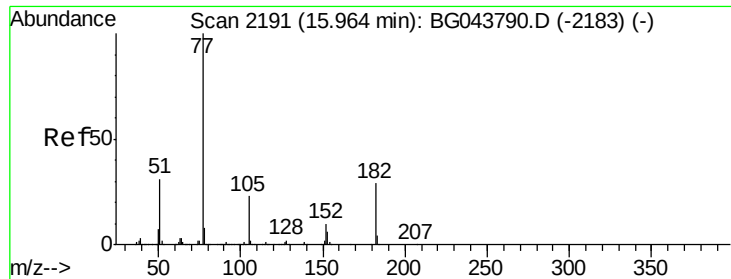
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 46.373 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

Instrument :

BNA_G

ClientSampleId :

8270-SPIKE

Tot Ion: 77 Resp: 1198078

Ion Ratio Lower Upper

77 100

182 29.9 9.0 49.0

105 23.7 2.9 42.9

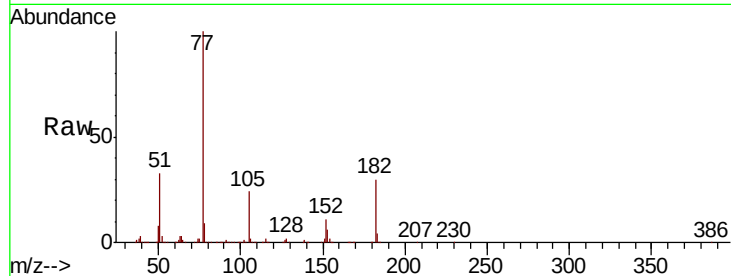
51 32.6 10.6 50.6

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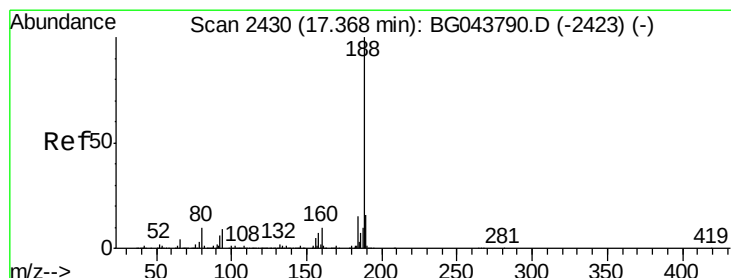
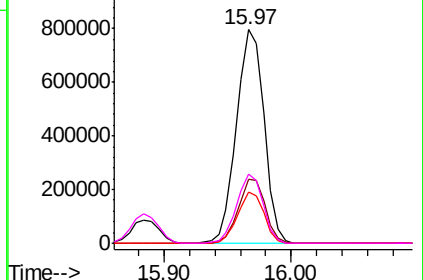
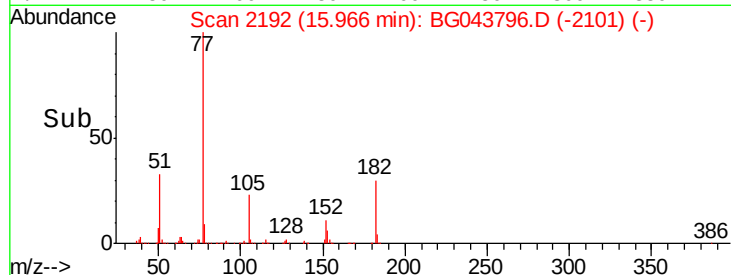


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.38 min Scan# 2432

Delta R.T. 0.01 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

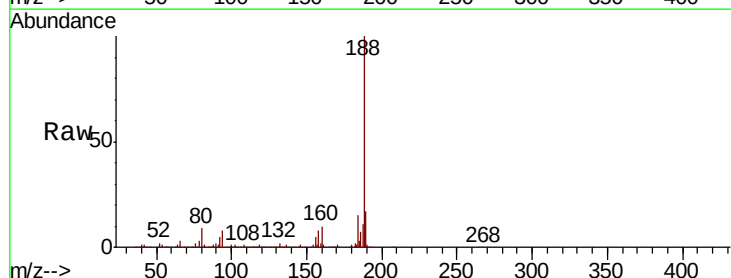
Tgt Ion: 188 Resp: 949260

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

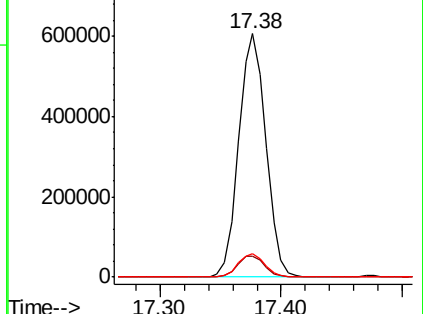
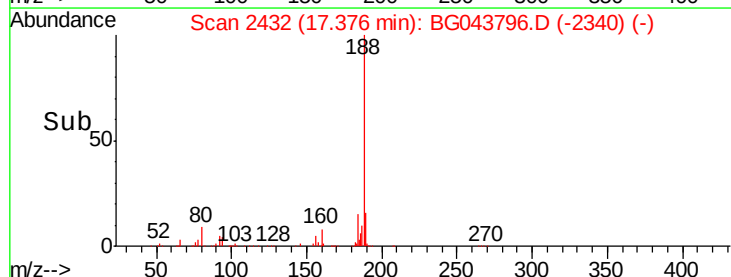
80 9.5 7.8 11.8

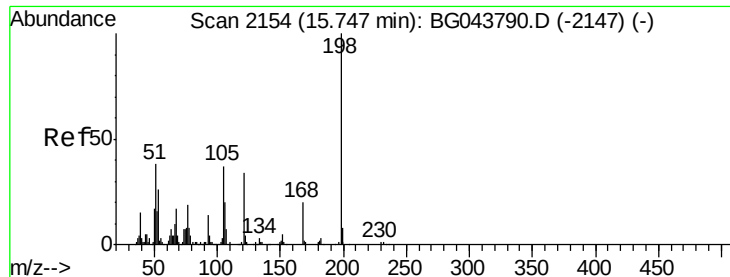


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





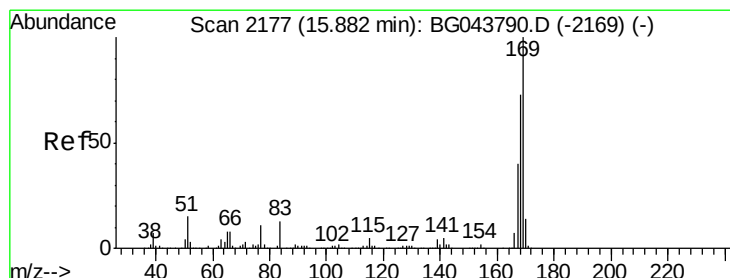
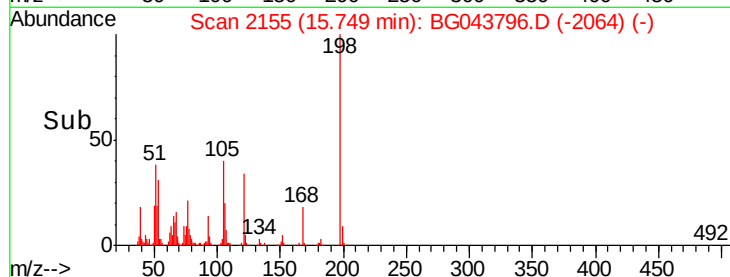
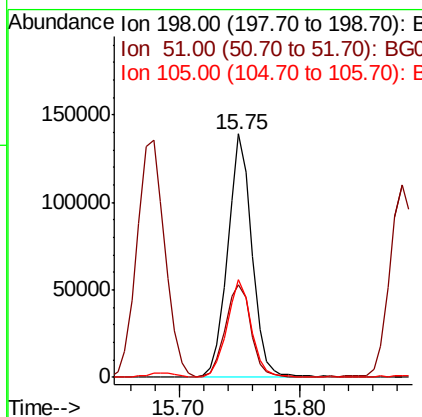
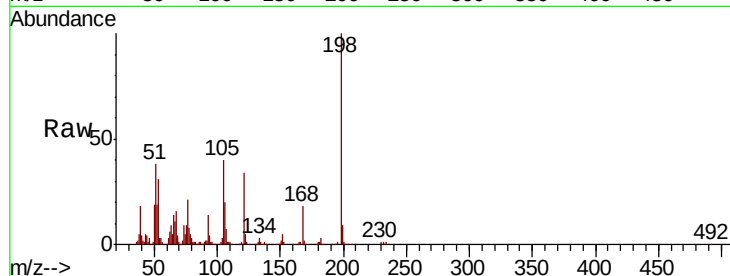
#65
4,6-Dinitro-2-methylphenol
Concen: 52.026 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Resp	Lower	Upper
198	100	194176		
51	38.2		18.9	58.9
105	40.0		18.1	58.1

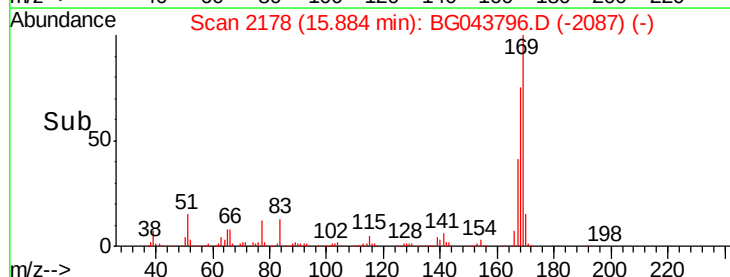
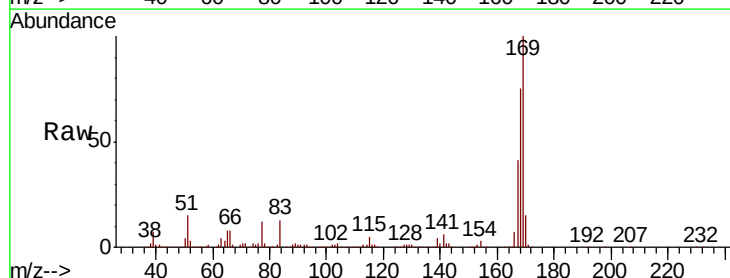
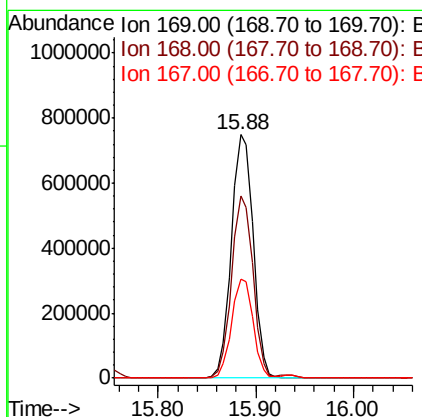
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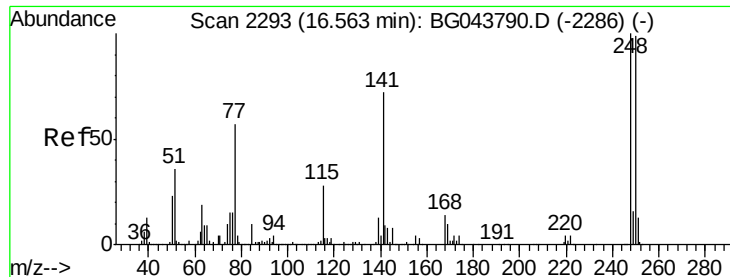
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 43.997 ng
RT: 15.88 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1160780		
168	74.7		58.5	87.7
167	40.6		32.1	48.1





#67

4-Bromophenyl-phenylether

Concen: 41.689 ng

RT: 16.57 min Scan# 2295

Delta R.T. 0.01 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

Instrument :

BNA_G

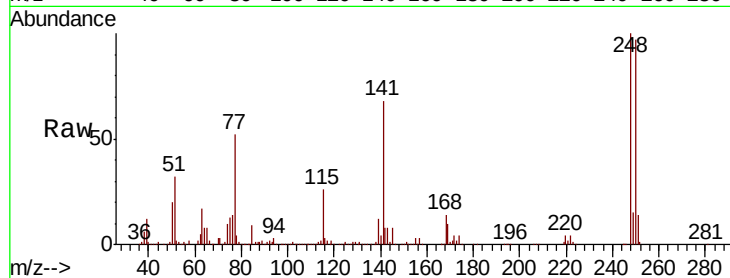
ClientSampleId :

8270-SPIKE

Tot Ion:	248	Resp:	423087
Ion Ratio	Lower	Upper	
248	100		
250	97.3	79.0	118.6
141	68.1	57.8	86.6

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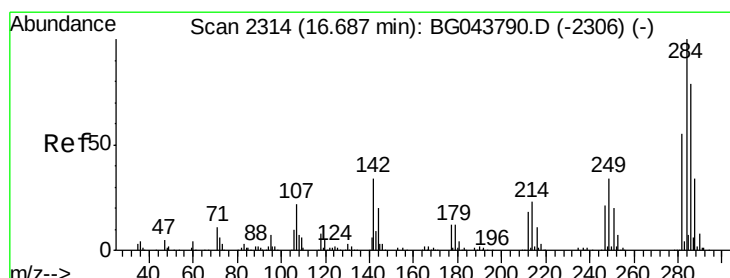
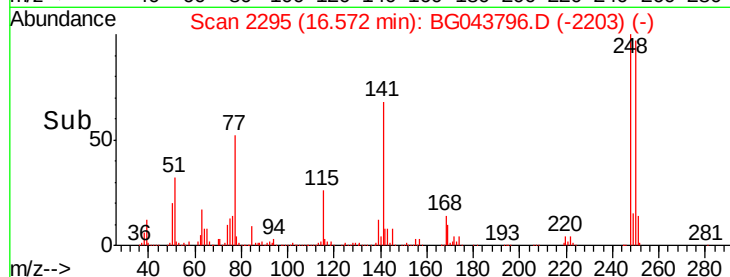
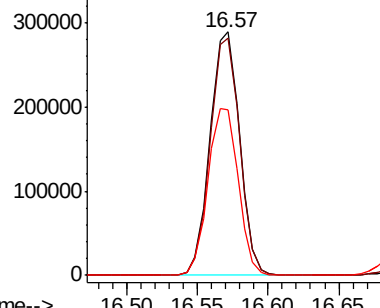


Abundance

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: 40.986 ng

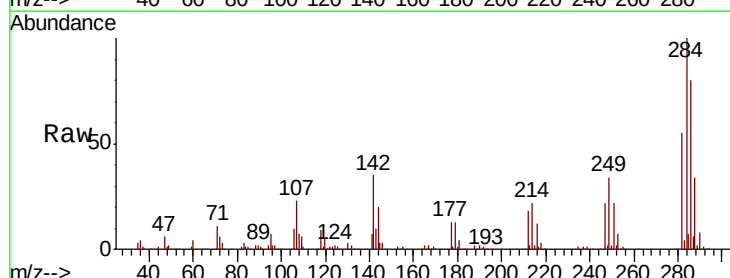
RT: 16.69 min Scan# 2315

Delta R.T. 0.00 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

Tgt Ion:	284	Resp:	441170
Ion Ratio	Lower	Upper	
284	100		
142	35.5	27.0	40.6
249	34.4	27.2	40.8

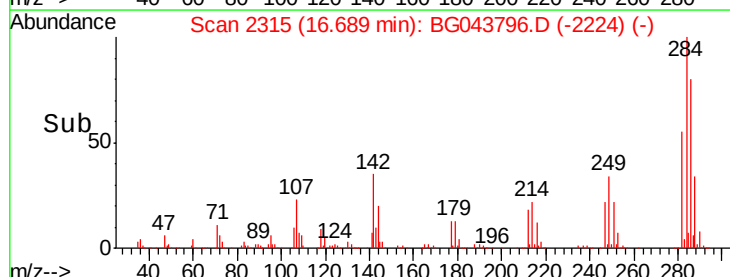
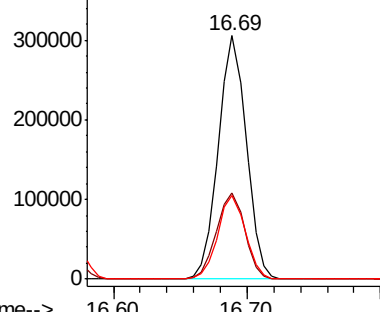


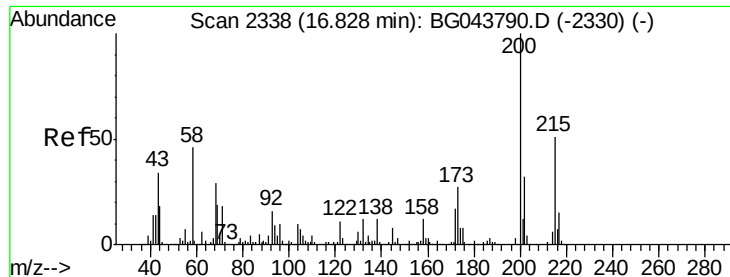
Abundance

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: 56.974 ng

RT: 16.84 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

Instrument :

BNA_G

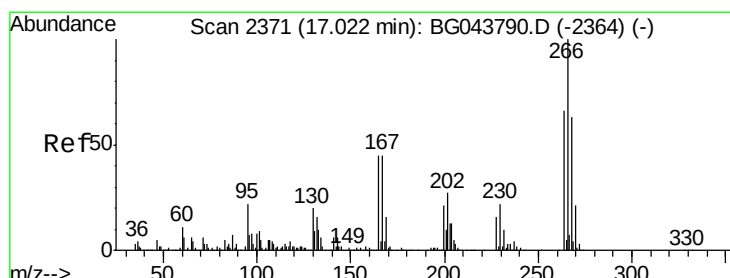
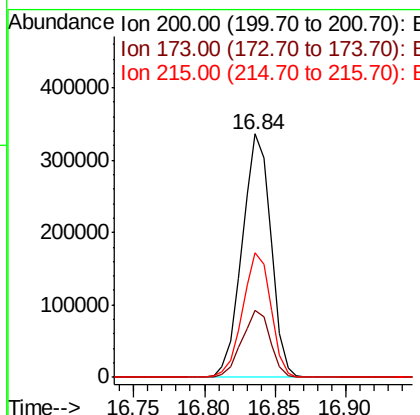
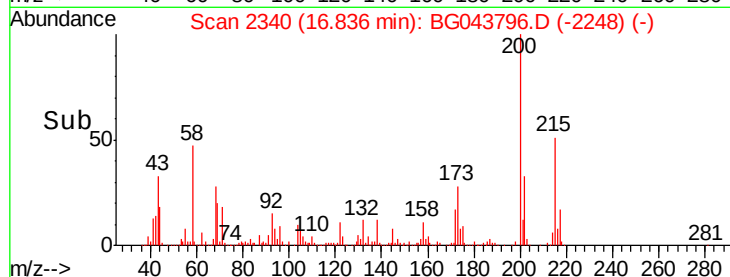
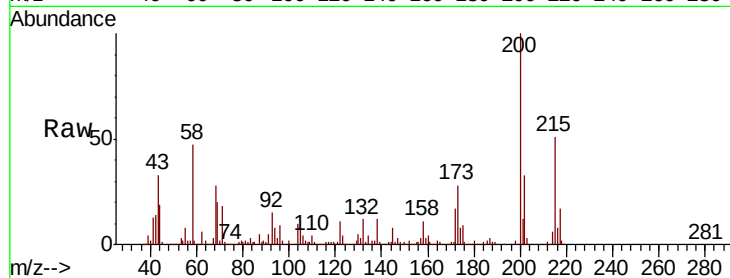
ClientSampleId :

8270-SPIKE

Tot Ion:	200	Resp:	479200
Ion Ratio	Lower	Upper	
200	100		
173	27.6	7.4	47.4
215	50.9	30.5	70.5

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#70

Pentachlorophenol

Concen: 104.156 ng

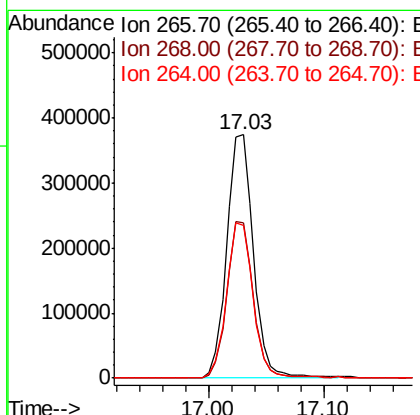
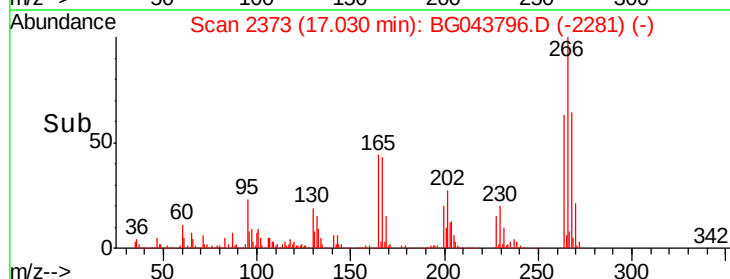
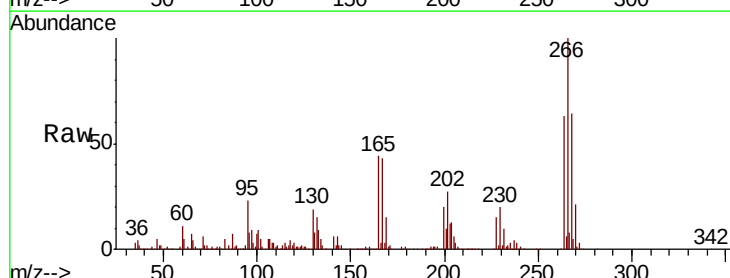
RT: 17.03 min Scan# 2373

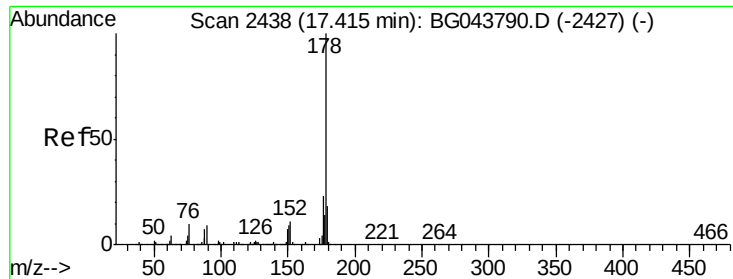
Delta R.T. 0.01 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

Tgt Ion:	266	Resp:	596373
Ion Ratio	Lower	Upper	
266	100		
268	63.8	50.8	76.2
264	62.8	53.0	79.4





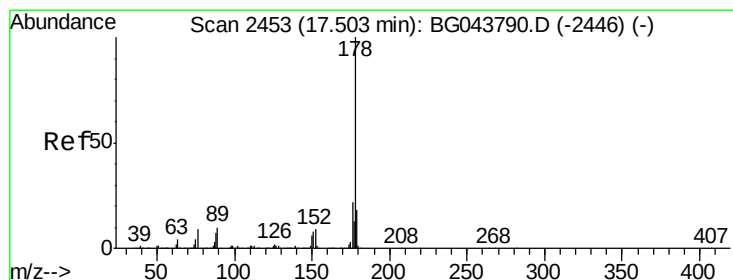
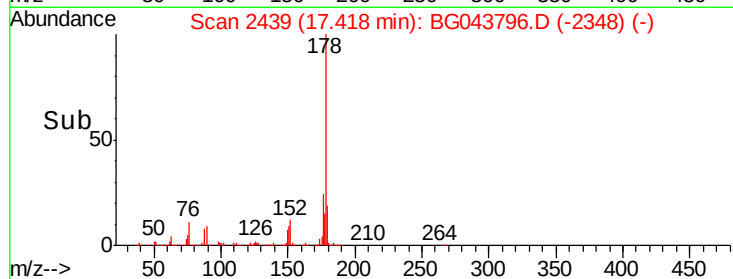
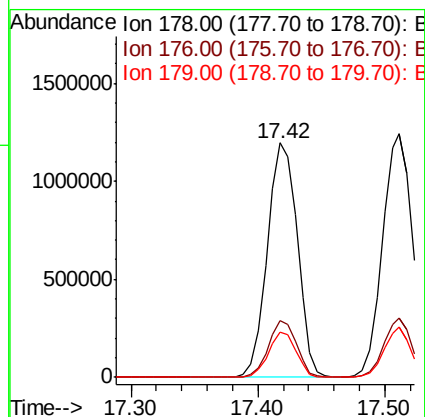
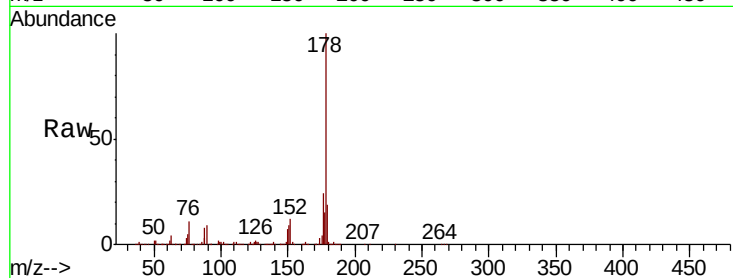
#71
Phenanthrene
Concen: 43.777 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
178	100		
176	24.2	18.6	27.8
179	19.1	14.7	22.1

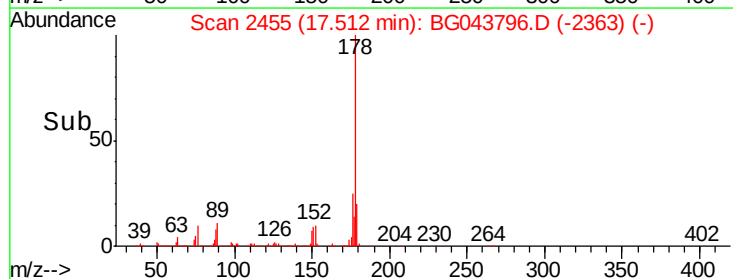
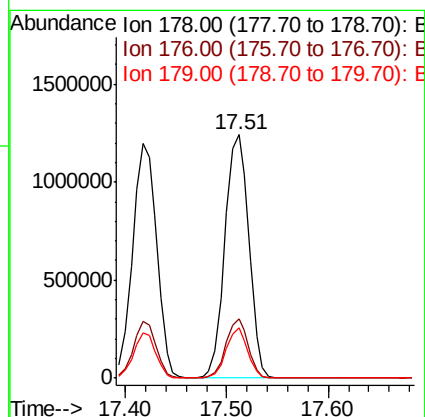
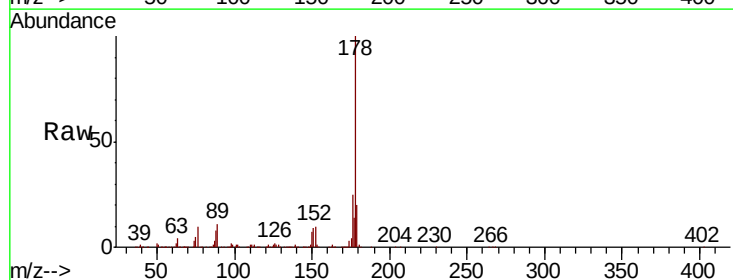
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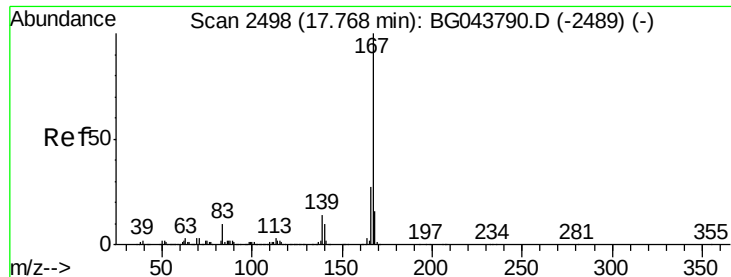
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#72
Anthracene
Concen: 45.661 ng
RT: 17.51 min Scan# 2455
Delta R.T. 0.01 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	24.5	17.7	26.5
179	20.5	14.5	21.7





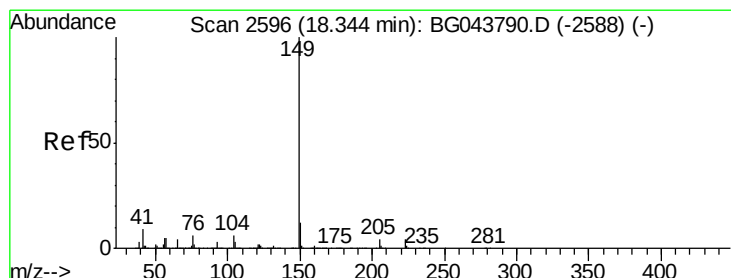
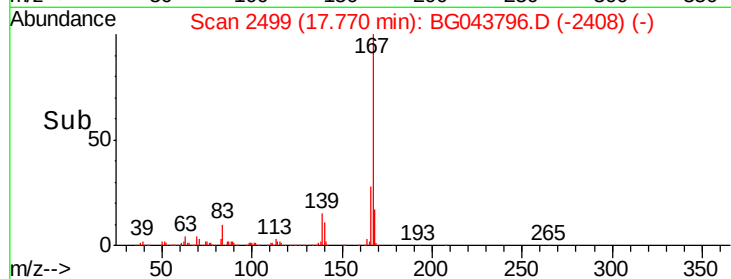
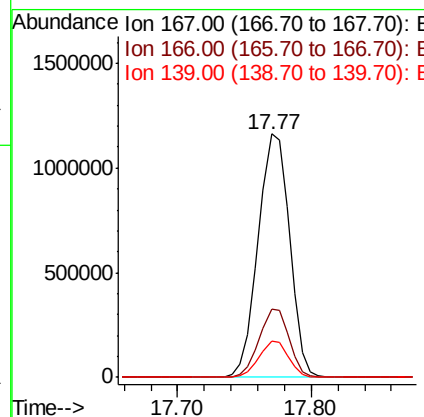
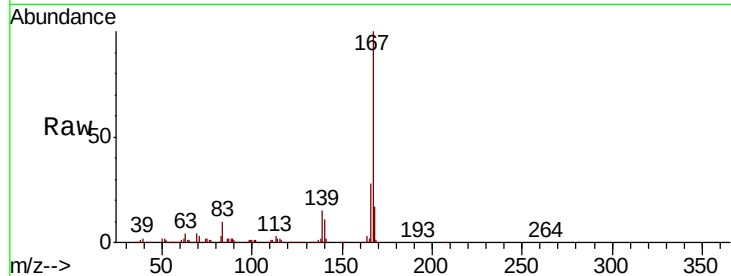
#73
 Carbazole
 Concen: 45.444 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BG043796.D
 Acq: 9 Dec 2019 19:47

Instrument :
 BNA_G
 ClientSampleId :
 8270-SPIKE

Tot Ion	Ratio	Lower	Upper
167	100		
166	28.1	21.4	32.2
139	15.0	11.0	16.4

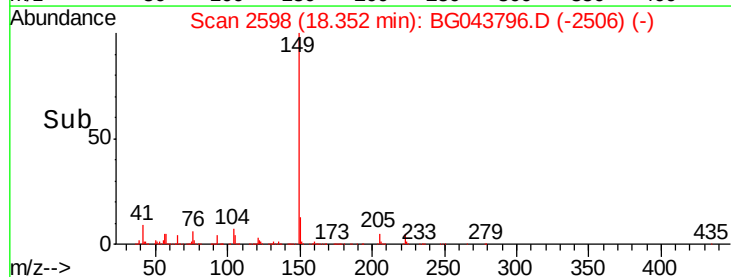
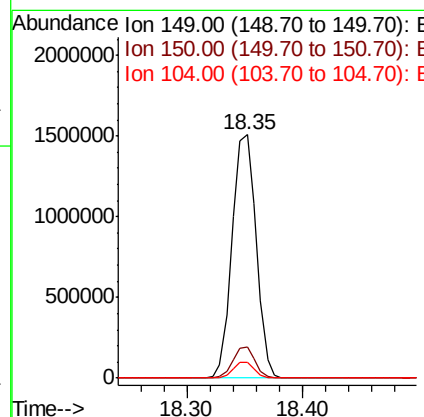
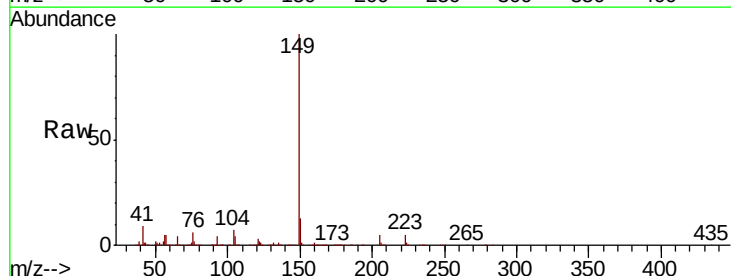
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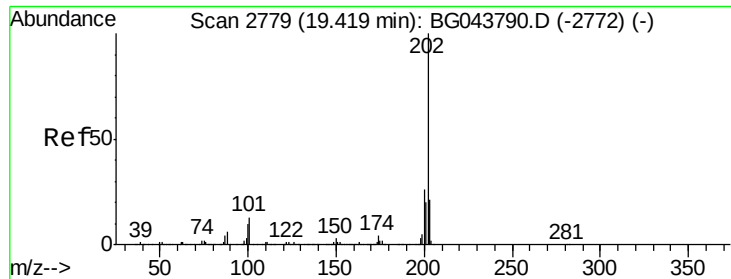
mohammad
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#74
 Di-n-butylphthalate
 Concen: 45.650 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. 0.01 min
 Lab File: BG043796.D
 Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.8	9.4	14.0
104	6.7	4.8	7.2





#75

Fluoranthene

Concen: 45.388 ng

RT: 19.43 min Scan# 2781

Delta R.T. 0.01 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

Instrument :

BNA_G

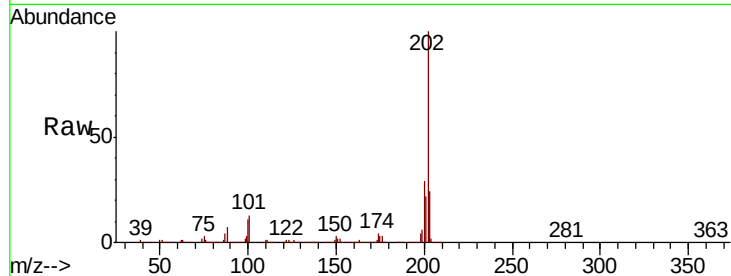
ClientSampleId :

8270-SPIKE

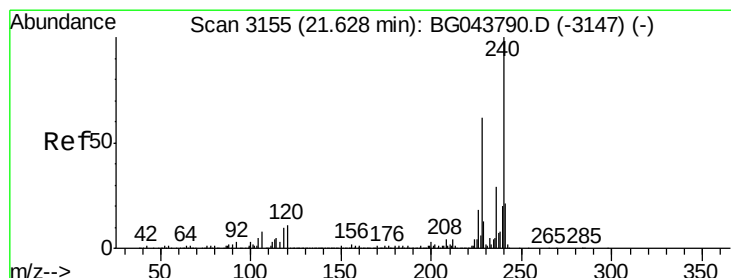
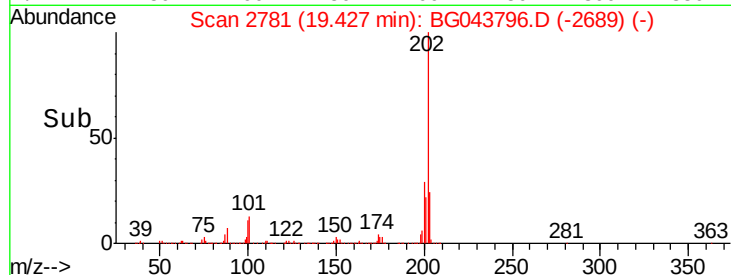
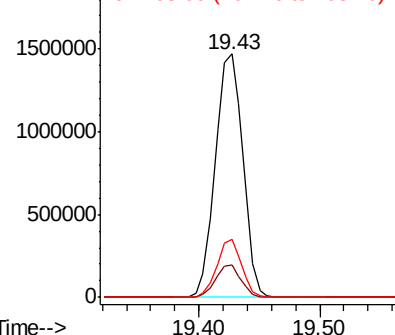
Tot Ion:	202	Resp:	2334433
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	32.7
203	24.1	1.0	41.0

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Abundance Ion 202.00 (201.70 to 202.70): E
2000000
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

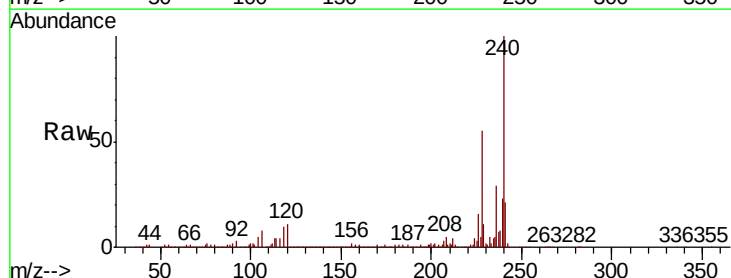
RT: 21.64 min Scan# 3157

Delta R.T. 0.01 min

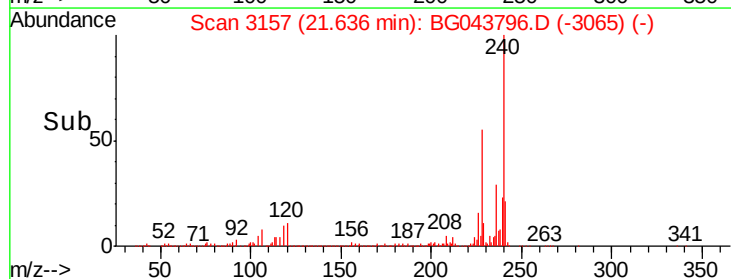
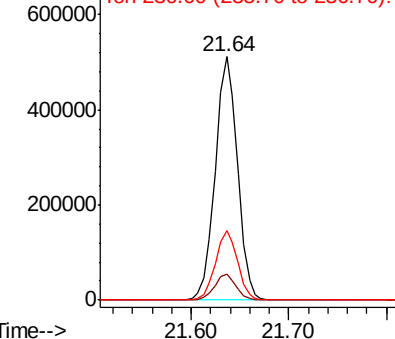
Lab File: BG043796.D

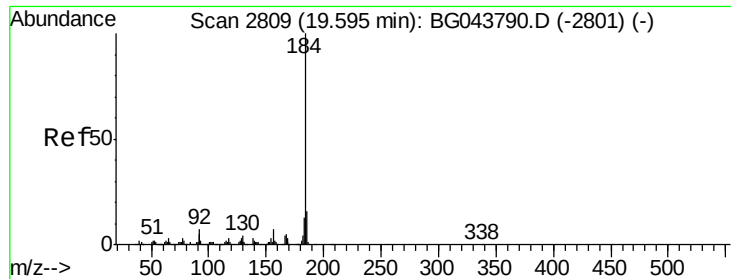
Acq: 9 Dec 2019 19:47

Tgt Ion:	240	Resp:	806973
Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.6	12.8
236	28.6	23.1	34.7



Abundance Ion 240.00 (239.70 to 240.70): E
600000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 110.231 ng

RT: 19.60 min Scan# 2811

Delta R.T. 0.01 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

Instrument :

BNA_G

ClientSampleId :

8270-SPIKE

Tot Ion:184 Resp: 1940626

Ion Ratio Lower Upper

184 100

185 19.7 12.9 19.3#

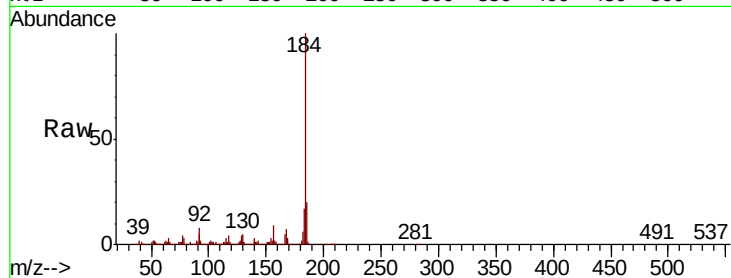
183 16.7 10.3 15.5#

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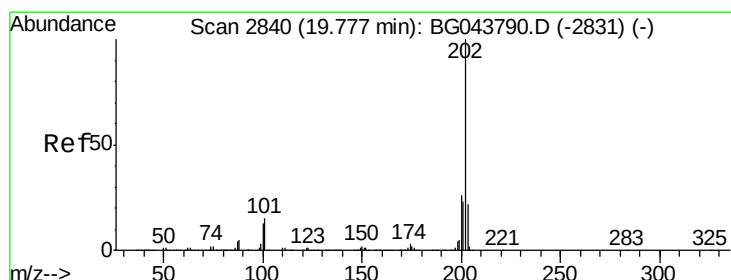
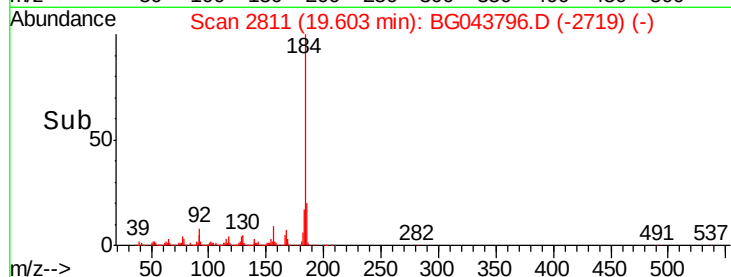
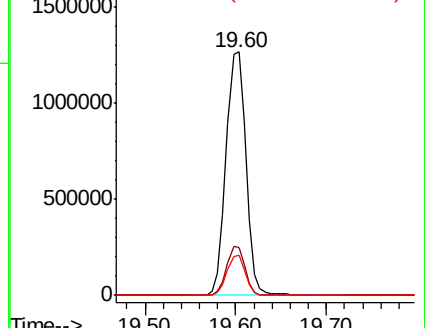
12/10/2019 11:51:14 AM



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: 44.155 ng

RT: 19.79 min Scan# 2842

Delta R.T. 0.01 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

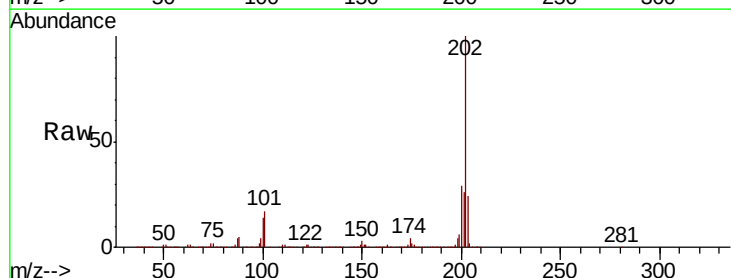
Tgt Ion:202 Resp: 2328615

Ion Ratio Lower Upper

202 100

200 29.2 20.8 31.2

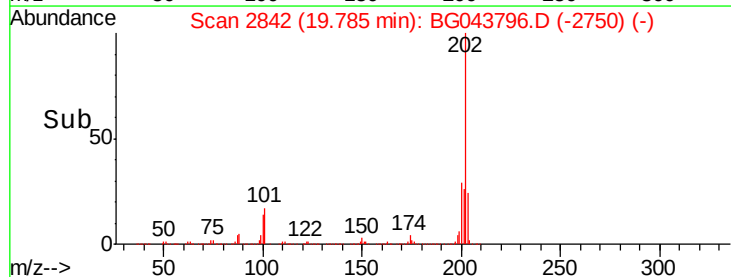
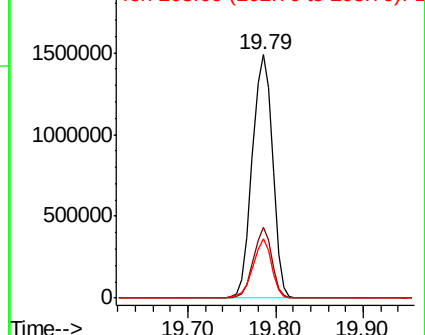
203 24.5 17.7 26.5

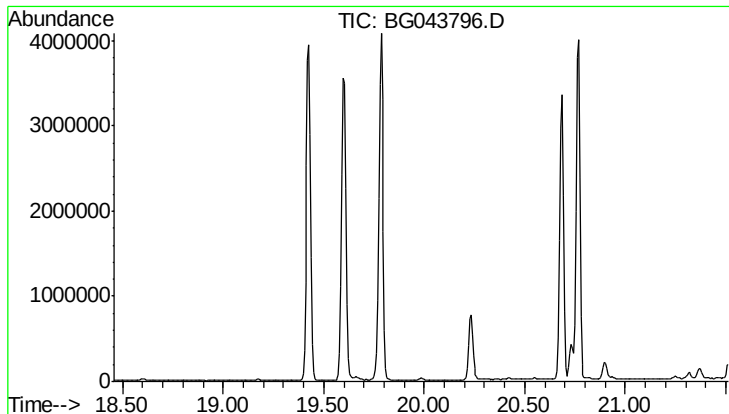


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





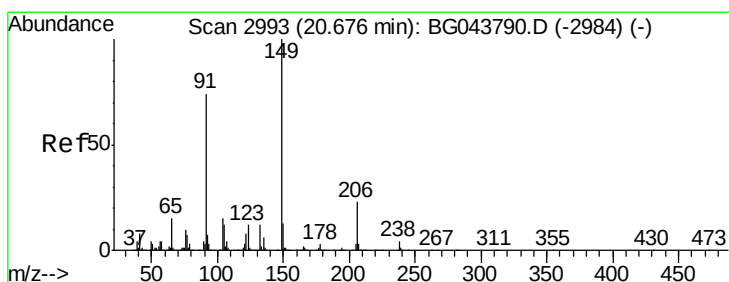
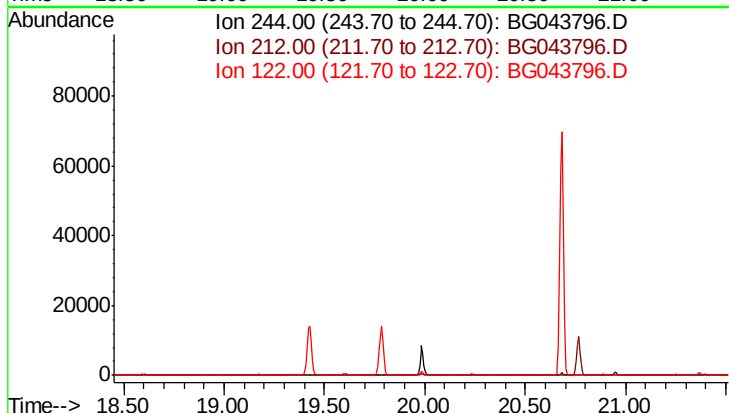
#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 19.98 min
 Lab File: BG043796.D
 Acq: 9 Dec 2019 19:47

Instrument :
 BNA_G
 ClientSampleId :
 8270-SPIKE

Tot Ion: 244
 Sig Exp Ratio
 244 100
 212 11.4
 122 14.5

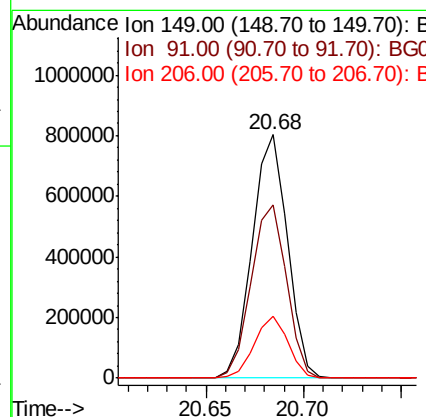
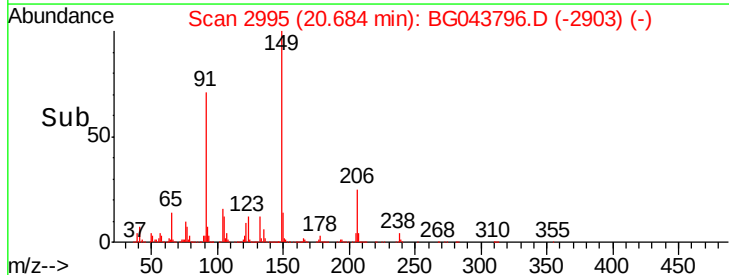
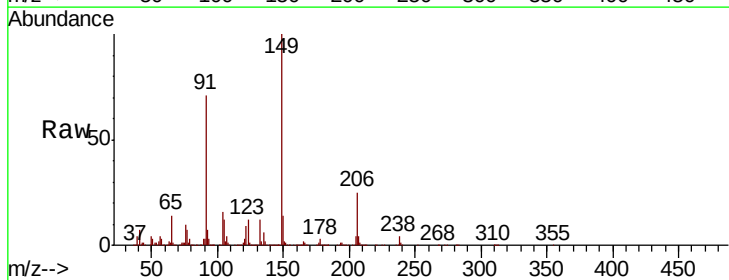
Manual Integrations
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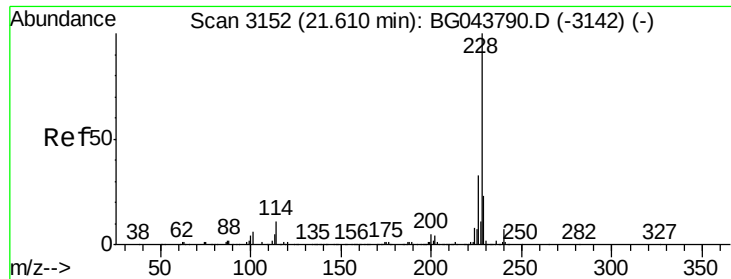
mohammad
 12/10/2019 11:51:14 AM



#80
 Butylbenzylphthalate
 Concen: 45.449 ng
 RT: 20.68 min Scan# 2995
 Delta R.T. 0.01 min
 Lab File: BG043796.D
 Acq: 9 Dec 2019 19:47

Tgt Ion:149 Resp: 998235
 Ion Ratio Lower Upper
 149 100
 91 71.4 59.0 88.4
 206 25.4 18.6 28.0





#81

Benzo(a)anthracene

Concen: 43.875 ng

RT: 21.62 min Scan# 3154

Delta R.T. 0.01 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

Instrument :

BNA_G

ClientSampleId :

8270-SPIKE

Tot Ion:228 Resp: 2234603

Ion Ratio Lower Upper

228 100

226 35.0 26.1 39.1

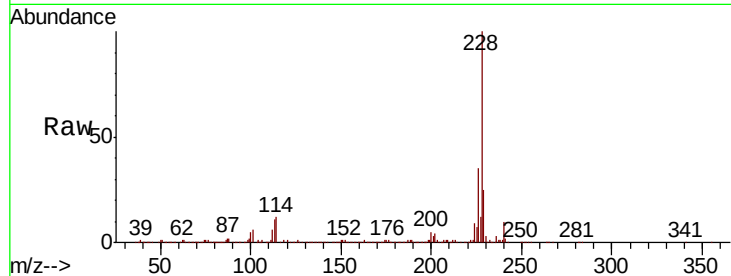
229 24.8 18.6 27.8

Manual Integrations

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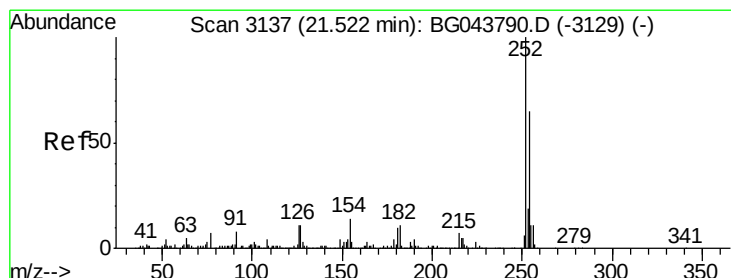
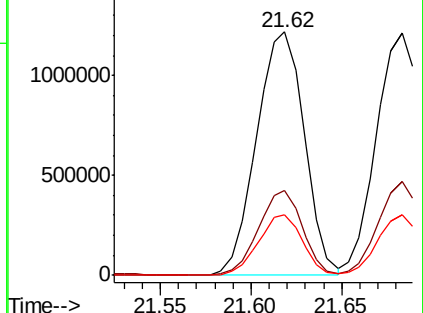
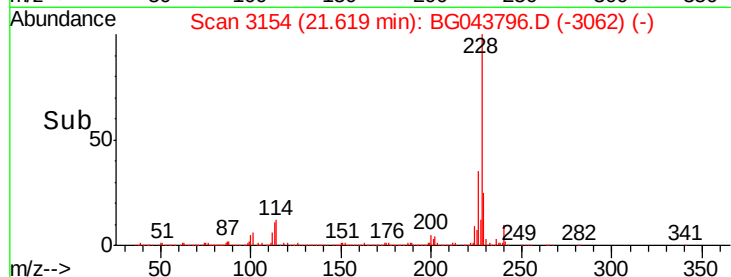
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.960 ng

RT: 21.53 min Scan# 3139

Delta R.T. 0.01 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

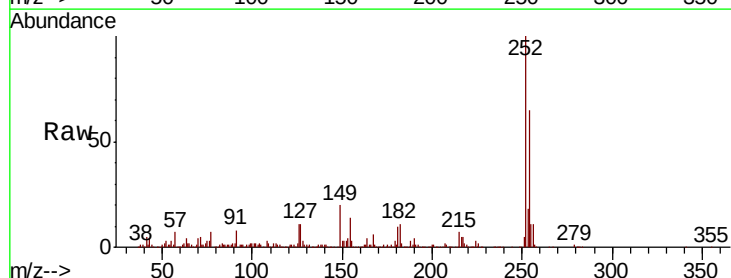
Tgt Ion:252 Resp: 676580

Ion Ratio Lower Upper

252 100

254 65.3 52.2 78.2

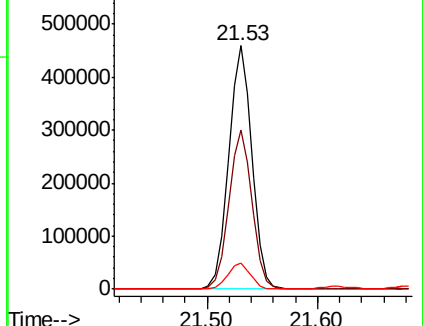
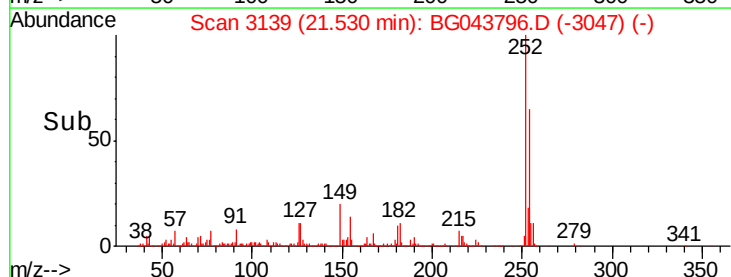
126 10.6 8.7 13.1

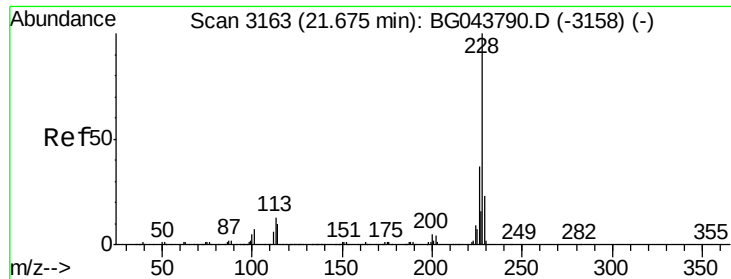


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





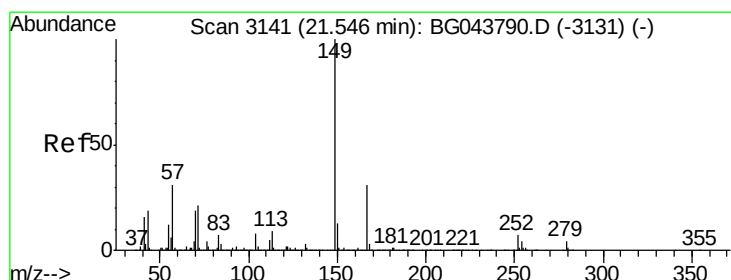
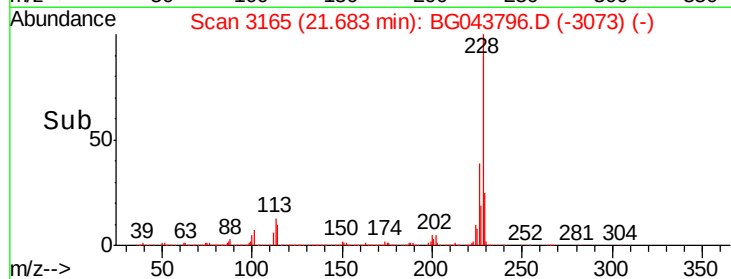
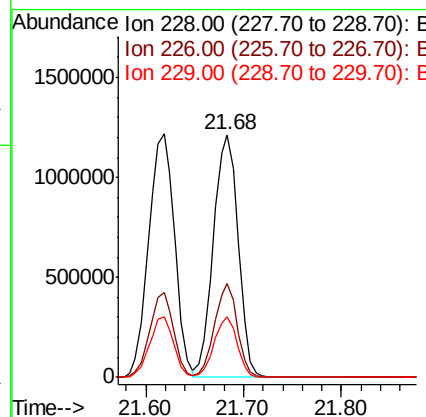
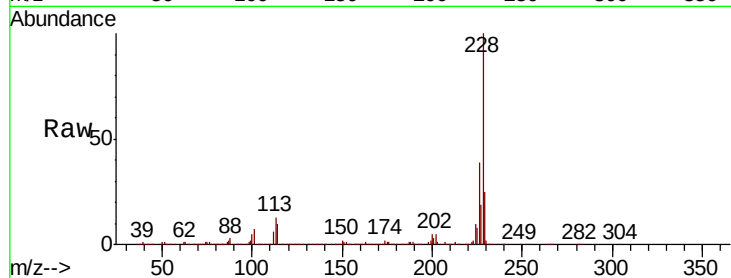
#83
Chrysene
Concen: 43.797 ng
RT: 21.68 min Scan# 3165
Delta R.T. 0.01 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion:228 Resp: 2125223
Ion Ratio Lower Upper
228 100
226 38.5 29.1 43.7
229 25.1 18.6 28.0

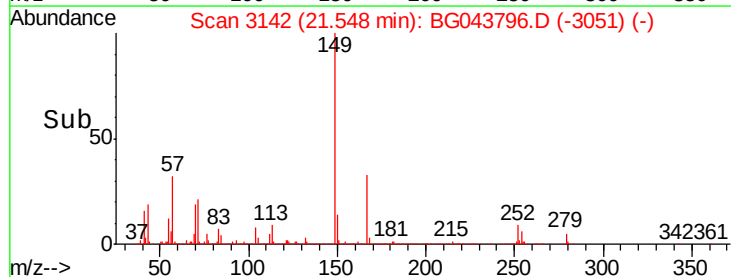
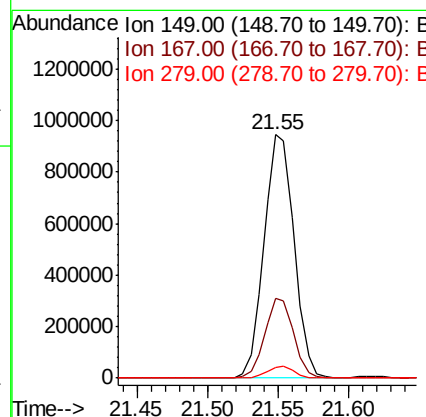
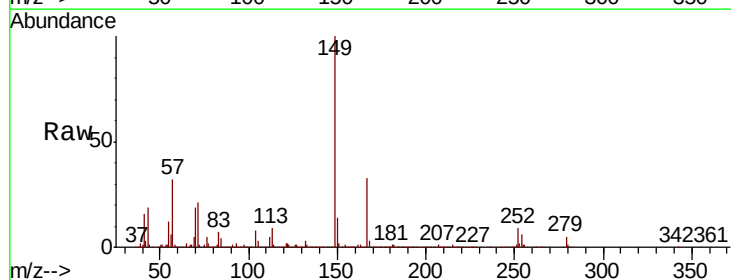
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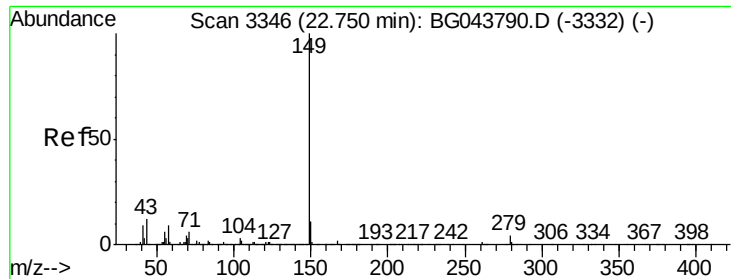
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.853 ng
RT: 21.55 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion:149 Resp: 1413050
Ion Ratio Lower Upper
149 100
167 32.7 25.1 37.7
279 4.6 3.5 5.3





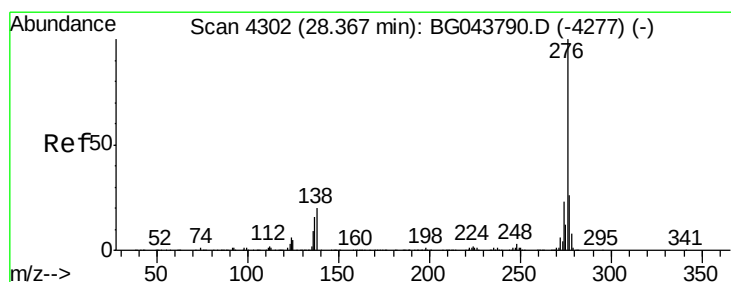
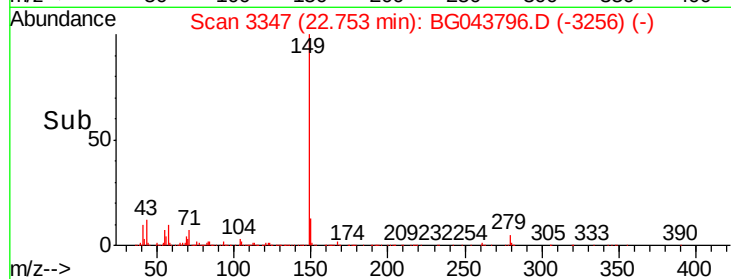
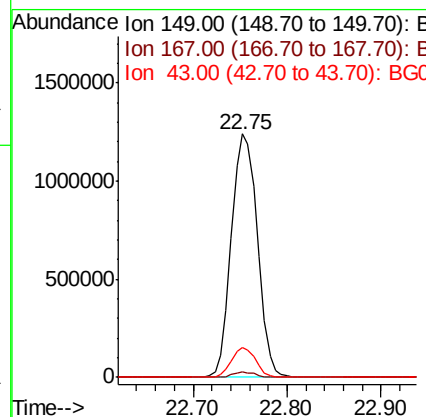
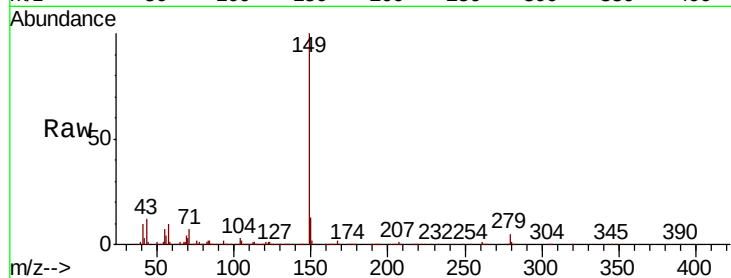
#85
Di-n-octyl phthalate
Concen: 46.464 ng
RT: 22.75 min Scan# 3347
Delta R.T. 0.00 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	11.4	8.8	13.2

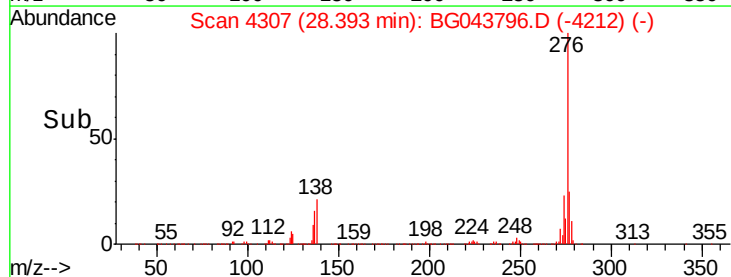
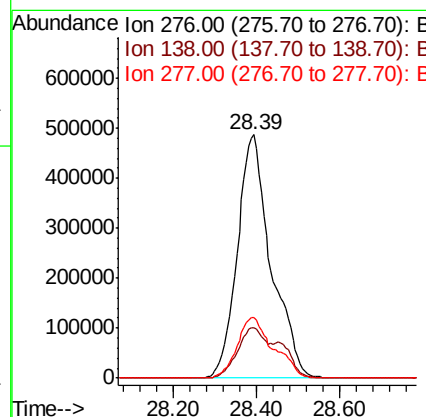
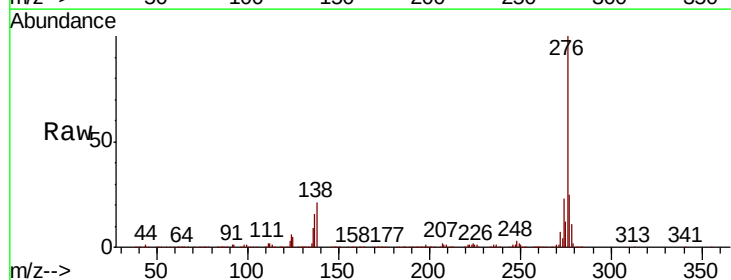
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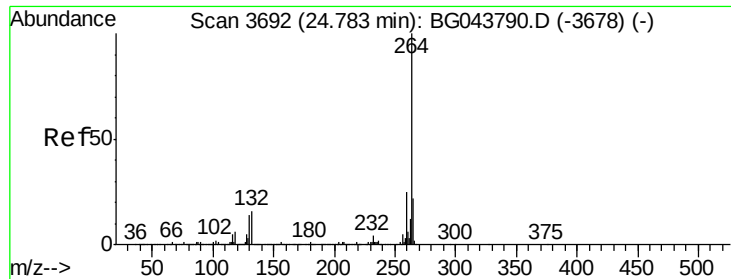
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.996 ng
RT: 28.39 min Scan# 4307
Delta R.T. 0.03 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.8	14.6	21.8
277	26.8	21.2	31.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.80 min Scan# 3695

Delta R.T. 0.01 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

Instrument :

BNA_G

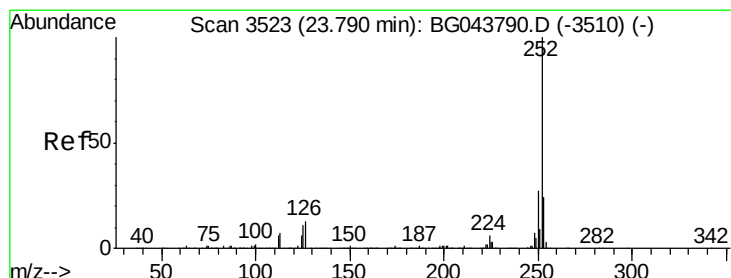
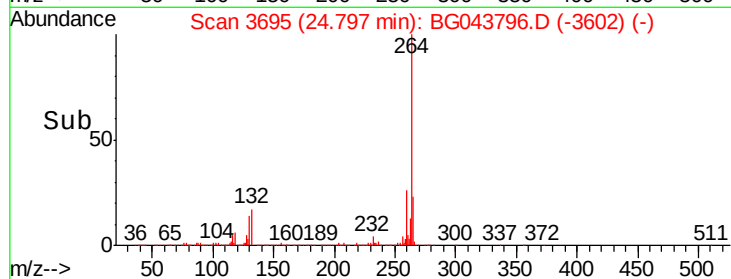
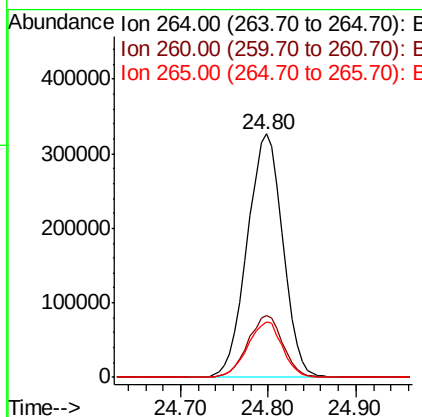
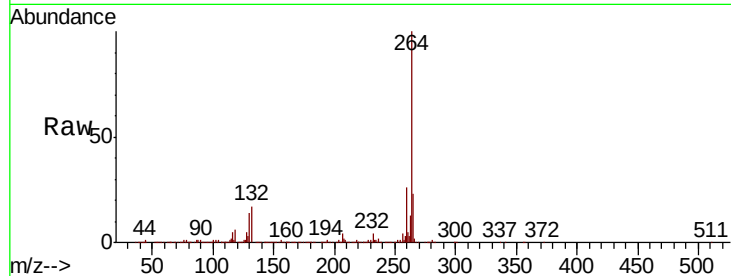
ClientSampleId :

8270-SPIKE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	25.7		19.8	29.8	
265	22.6		17.9	26.9	

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#88

Benzo(b)fluoranthene

Concen: 44.482 ng

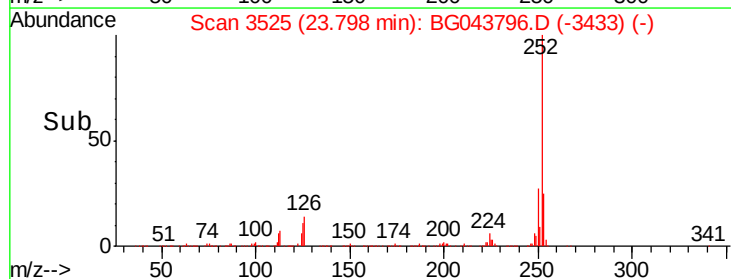
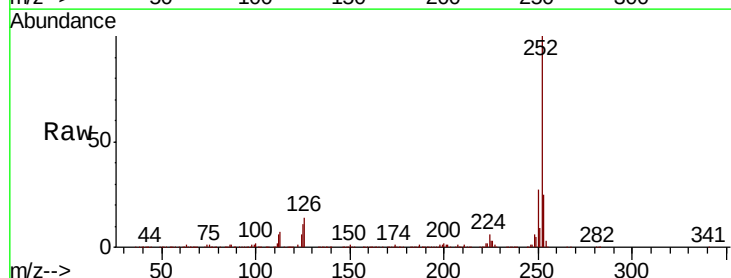
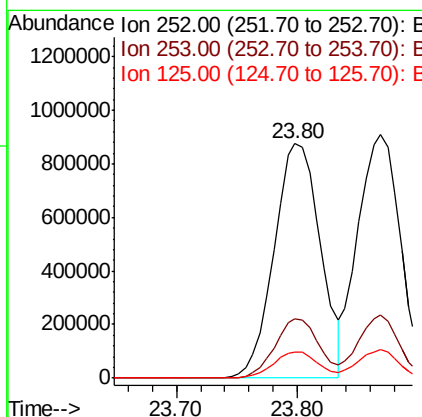
RT: 23.80 min Scan# 3525

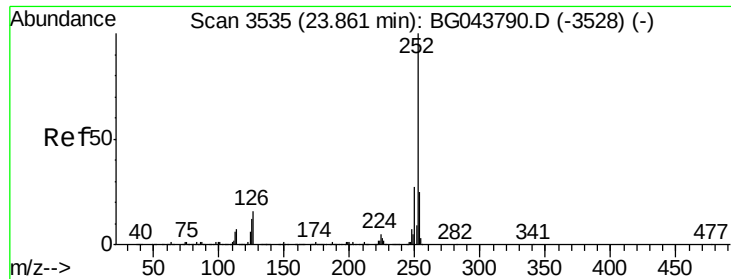
Delta R.T. 0.01 min

Lab File: BG043796.D

Acq: 9 Dec 2019 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	25.1		19.5	29.3	
125	11.2		9.0	13.4	





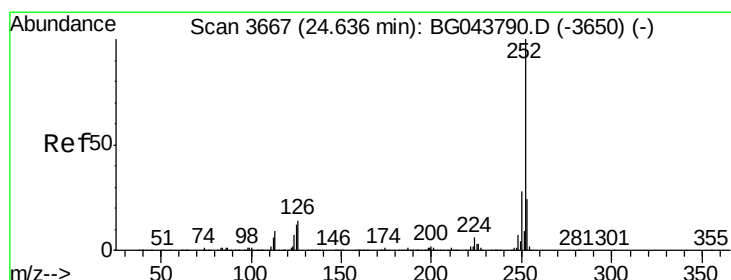
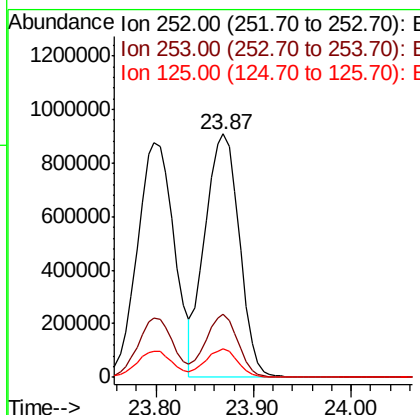
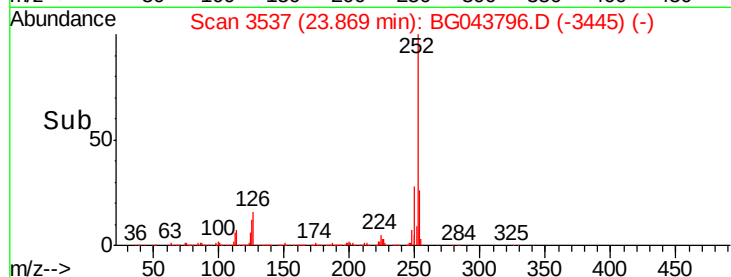
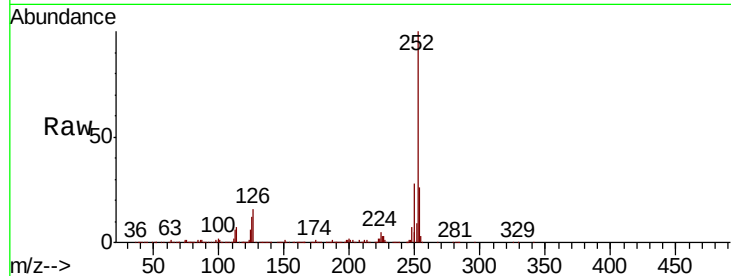
#89
Benzo(k)fluoranthene
Concen: 44.107 ng
RT: 23.87 min Scan# 3537
Delta R.T. 0.01 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	19.4	29.0
125	11.9	8.9	13.3

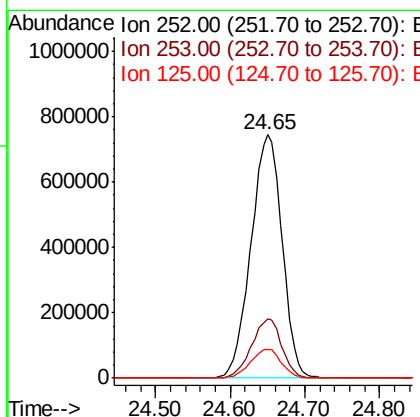
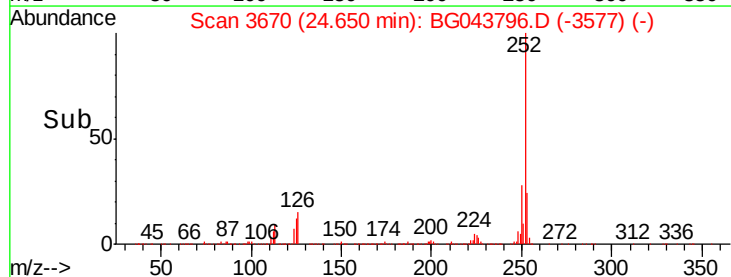
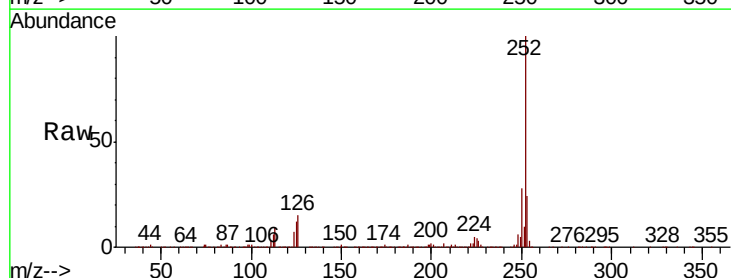
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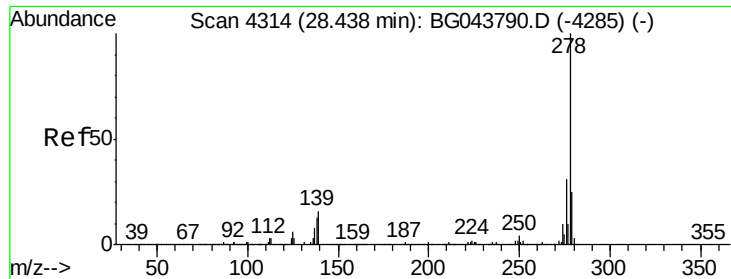
mohammad
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#90
Benzo(a)pyrene
Concen: 43.483 ng
RT: 24.65 min Scan# 3670
Delta R.T. 0.01 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.1	28.7
125	11.7	9.4	14.0





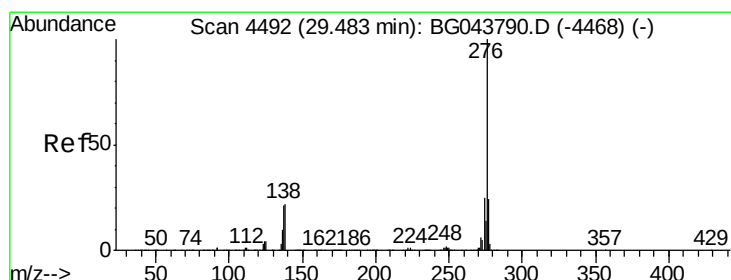
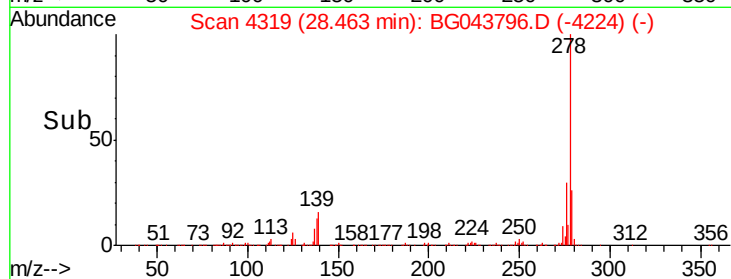
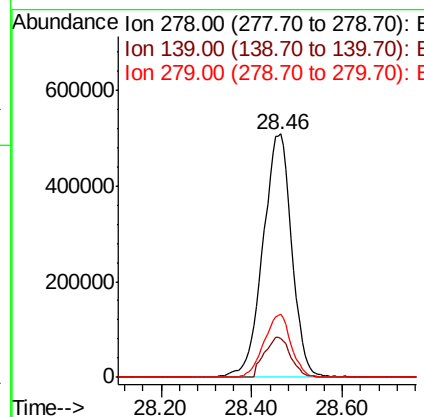
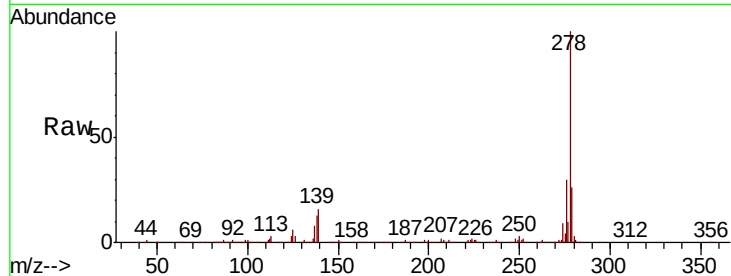
#91
Dibenzo(a,h)anthracene
Concen: 45.310 ng
RT: 28.46 min Scan# 4319
Delta R.T. 0.03 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.2	19.8
279	26.0	19.8	29.6

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#92
Benzo(g,h,i)perylene
Concen: 46.391 ng
RT: 29.51 min Scan# 4497
Delta R.T. 0.03 min
Lab File: BG043796.D
Acq: 9 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.3	28.9
138	22.8	17.6	26.4

