

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043791.D
 Acq On : 9 Dec 2019 14:47
 Operator : JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

mohammad
 12/10/2019 11:51:01 AM

Quant Time: Dec 09 15:43:14 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 15:25:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	133654	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	567719	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	395606	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	849608	20.00	ng	0.00
76) Chrysene-d12	21.63	240	711538	20.00	ng	0.00
87) Perylene-d12	24.79	264	796491	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	727254	97.82	ng	0.00
7) Phenol-d6	7.16	99	1036534	95.91	ng	0.00
23) Nitrobenzene-d5	9.16	82	1033504	100.09	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	391354	82.02	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2220241	92.25	ng	0.00
79) Terphenyl-d14	19.99	244	2888102	91.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	163472	49.591	ng	99
3) Pyridine	3.88	79	434910	46.857	ng	95
4) n-Nitrosodimethylamine	3.79	42	219376	47.580	ng	97
6) Aniline	7.32	93	687871	48.843	ng	99
8) 2-Chlorophenol	7.57	128	416800	49.155	ng	97
9) Benzaldehyde	7.14	77	268681	41.621	ng	90
10) Phenol	7.19	94	531128	47.873	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	443430	47.891	ng	98
12) 1,3-Dichlorobenzene	7.89	146	494933	49.584	ng	98
13) 1,4-Dichlorobenzene	8.04	146	496240	49.083	ng	99
14) 1,2-Dichlorobenzene	8.36	146	473800	49.529	ng	97
15) Benzyl Alcohol	8.24	79	410378	45.463	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	717475	45.057	ng	98
17) 2-Methylphenol	8.44	107	380422	47.960	ng	99
18) Hexachloroethane	9.09	117	181756	47.623	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	390712	45.973	ng	99
20) 3+4-Methylphenols	8.77	107	533716	48.230	ng	98
22) Acetophenone	8.82	105	707811	47.040	ng	99
24) Nitrobenzene	9.20	77	521120	49.100	ng	100
25) Isophorone	9.73	82	1018822	46.017	ng	99
26) 2-Nitrophenol	9.92	139	196082	51.207	ng	98
27) 2,4-Dimethylphenol	9.97	122	363407	48.332	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	651094	47.714	ng	99
29) 2,4-Dichlorophenol	10.44	162	453014	49.560	ng	97
30) 1,2,4-Trichlorobenzene	10.67	180	517376	48.302	ng	99
31) Naphthalene	10.86	128	1368972	48.610	ng	99
32) Benzoic acid	10.12	122	265244	48.918	ng	96
33) 4-Chloroaniline	10.96	127	668207	49.248	ng	99
34) Hexachlorobutadiene	11.16	225	319032	45.294	ng	98
35) Caprolactam	11.73	113	178152	47.931	ng	97
36) 4-Chloro-3-methylphenol	12.07	107	486690	47.378	ng	99
37) 2-Methylnaphthalene	12.46	142	1058378	49.870	ng	100
38) 1-Methylnaphthalene	12.68	142	1007275	50.009	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	589654	46.842	ng	100

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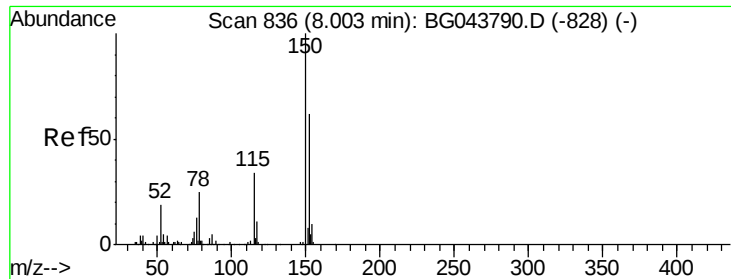
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	285964	42.047	nq	97
43) 2,4,6-Trichlorophenol	13.06	196	390053	48.179	nq	99
44) 2,4,5-Trichlorophenol	13.13	196	412418	48.967	nq	98
46) 1,1'-Biphenyl	13.46	154	1353435	49.356	nq	98
47) 2-Chloronaphthalene	13.51	162	1104507	49.391	nq	98
48) 2-Nitroaniline	13.70	65	345808	52.820	nq	97
49) Acenaphthylene	14.35	152	1639179	46.589	nq	97
50) Dimethylphthalate	14.09	163	1408070	44.931	nq	99
51) 2,6-Dinitrotoluene	14.19	165	312483	53.694	nq	96
52) Acenaphthene	14.70	154	1087474	48.332	nq	98
53) 3-Nitroaniline	14.52	138	358720	52.771	nq	96
54) 2,4-Dinitrophenol	14.72	184	105134	44.216	nq	# 86
55) Dibenzofuran	15.03	168	1598179	45.594	nq	97
56) 4-Nitrophenol	14.82	139	267998	46.806	nq	97
57) 2,4-Dinitrotoluene	14.98	165	428515	53.093	nq	98
58) Fluorene	15.68	166	1286391	44.751	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	366771m	43.357	nq	
60) Diethylphthalate	15.46	149	1393308	42.344	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	716065	45.244	nq	99
62) 4-Nitroaniline	15.69	138	364044	46.704	nq	97
63) Azobenzene	15.97	77	1279803	43.389	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	155636	53.984	nq	96
66) n-Nitrosodiphenylamine	15.89	169	1183944	52.632	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	456387	50.938	nq	96
68) Hexachlorobenzene	16.68	284	482680	49.279	nq	96
69) Atrazine	16.83	200	336607	37.338	nq	99
70) Pentachlorophenol	17.02	266	277793	46.478	nq	97
71) Phenanthrene	17.41	178	1997162	47.507	nq	97
72) Anthracene	17.51	178	1993346	46.939	nq	96
73) Carbazole	17.77	167	1856912	44.135	nq	98
74) Di-n-butylphthalate	18.35	149	2169440	40.287	nq	98
75) Fluoranthene	19.42	202	2285004	37.892	nq	96
77) Benzidine	19.59	184	849999	40.895	nq	98
78) Pyrene	19.78	202	2290699	49.883	nq	96
80) Butylbenzylphthalate	20.68	149	1021972	48.853	nq	99
81) Benzo(a)anthracene	21.61	228	2225101	46.777	nq	96
82) 3,3'-Dichlorobenzidine	21.53	252	849148	47.603	nq	99
83) Chrysene	21.68	228	2147016	47.699	nq	96
84) Bis(2-ethylhexyl)phthalate	21.55	149	1419377	48.222	nq	97
85) Di-n-octyl phthalate	22.75	149	2382792	49.909	nq	98
86) Indeno(1,2,3-cd)pyrene	28.38	276	2751910	52.558	nq	# 93
88) Benzo(b)fluoranthene	23.79	252	2304433	48.458	nq	100
89) Benzo(k)fluoranthene	23.86	252	2272785	49.798	nq	99
90) Benzo(a)pyrene	24.65	252	2223585	49.725	nq	99
91) Dibenzo(a,h)anthracene	28.45	278	2211900	50.995	nq	99
92) Benzo(g,h,i)perylene	29.50	276	2180635	50.980	nq	98

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



#1

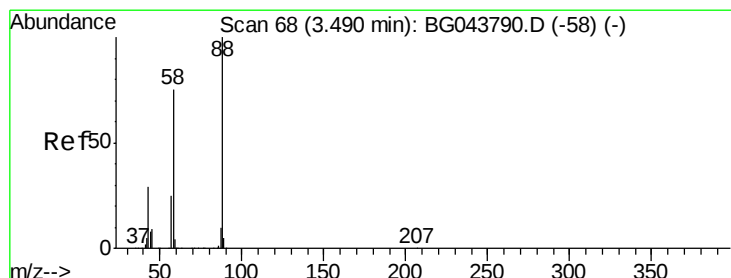
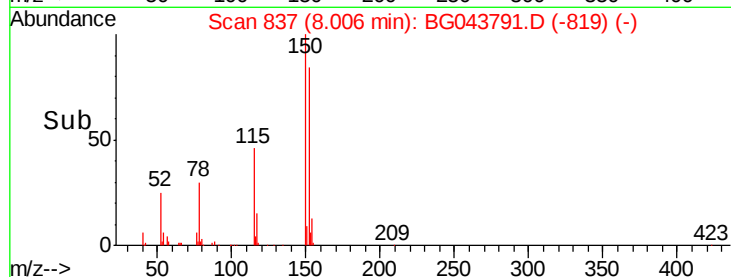
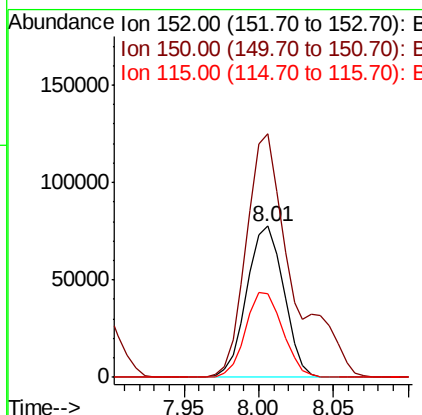
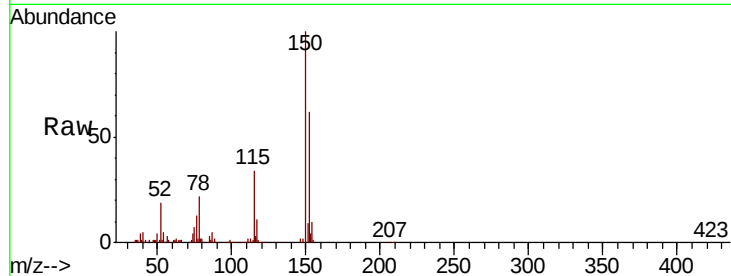
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	128.6	192.8
115	55.5	44.3	66.5

Manual Integrations
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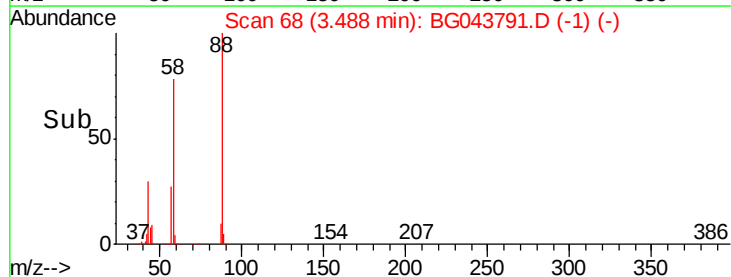
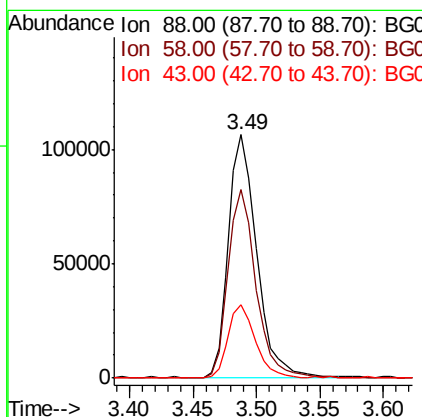
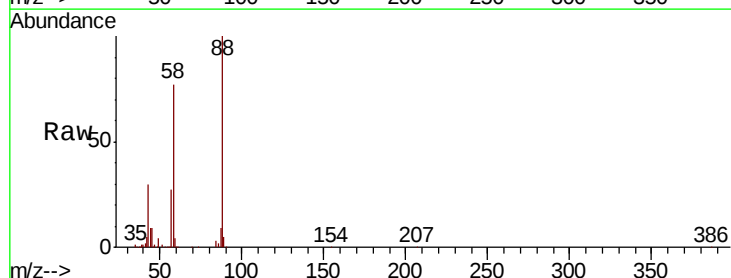
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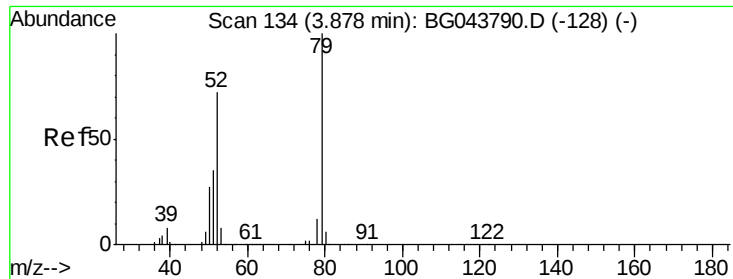


#2

1,4-Dioxane
Concen: 49.591 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.2	62.2	93.4
43	29.5	24.3	36.5





#3

Pvridine

Concen: 46.857 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

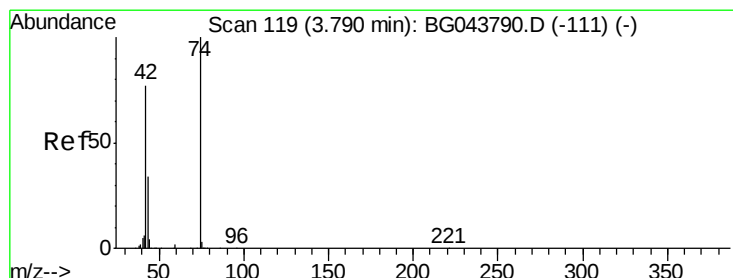
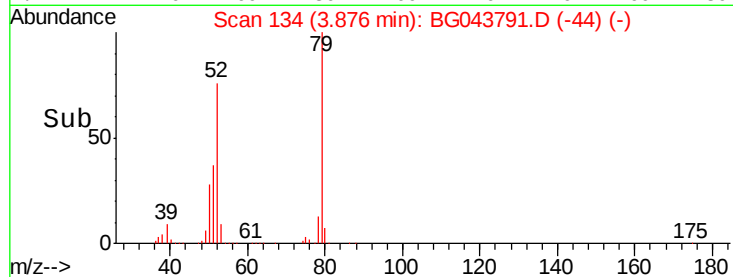
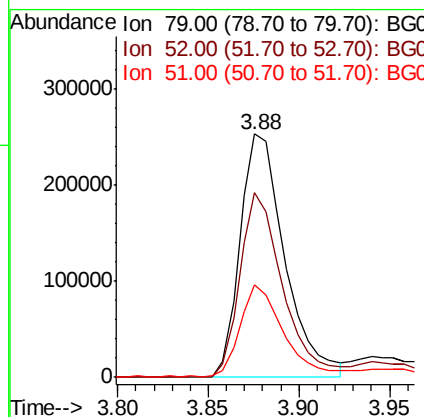
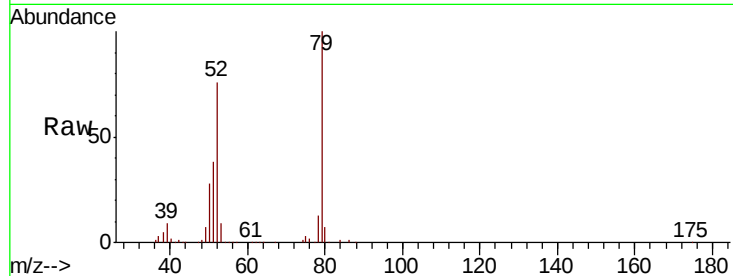
ClientSampleId :

SSTDICC050

Tot Ion:	79	Resp:	434910
Ion	Ratio	Lower	Upper
79	100		
52	75.8	57.6	86.4
51	38.0	27.8	41.8

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#4

n-Nitrosodimethylamine

Concen: 47.580 ng

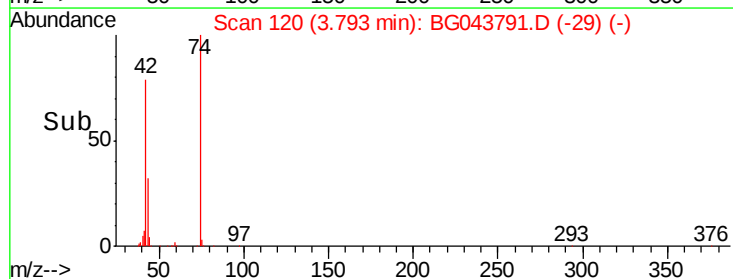
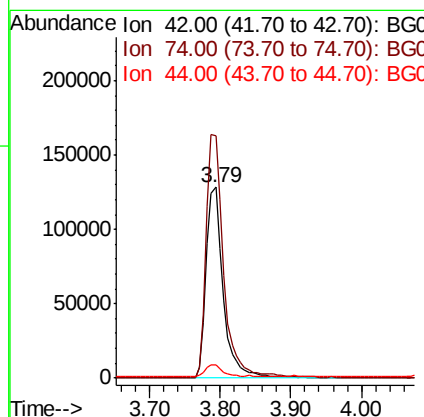
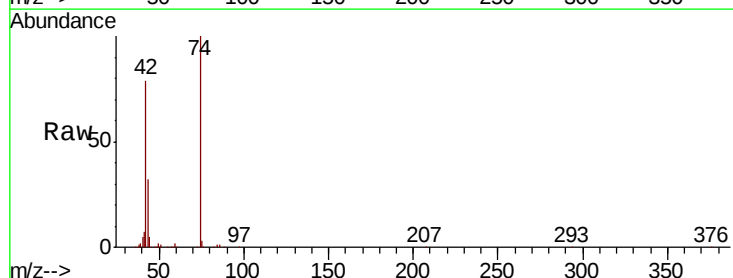
RT: 3.79 min Scan# 120

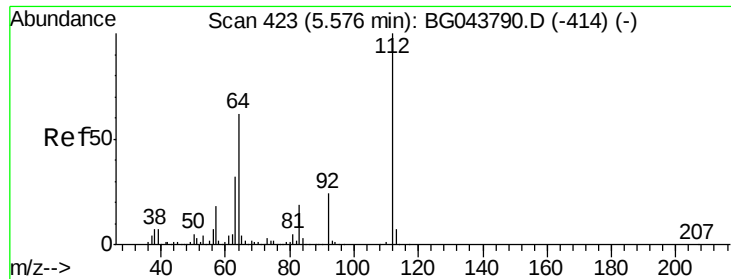
Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Tgt Ion:	42	Resp:	219376
Ion	Ratio	Lower	Upper
42	100		
74	126.7	104.2	156.4
44	6.7	5.6	8.4





#5

2-Fluorophenol

Concen: 97.823 ng

RT: 5.57 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

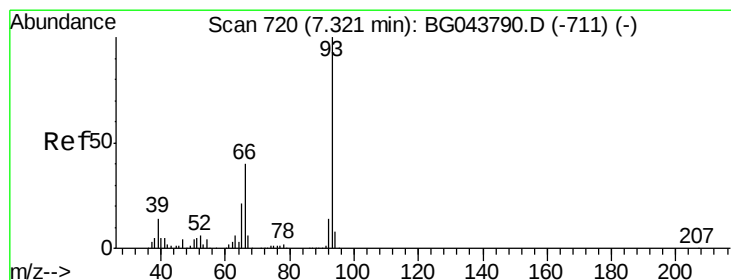
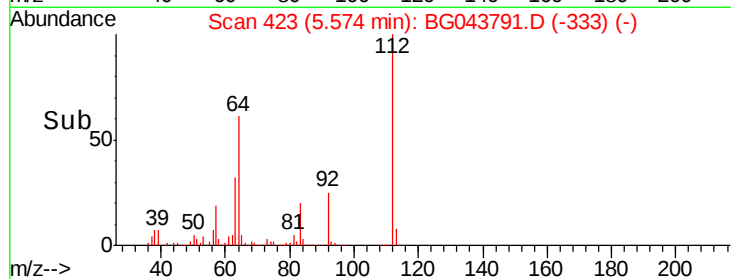
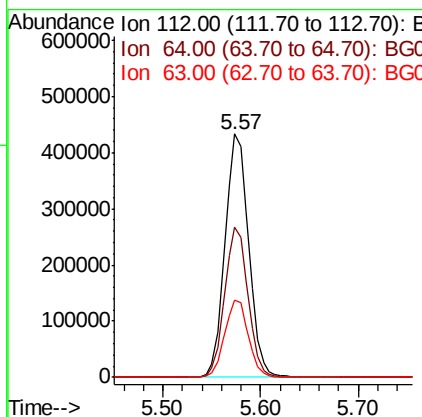
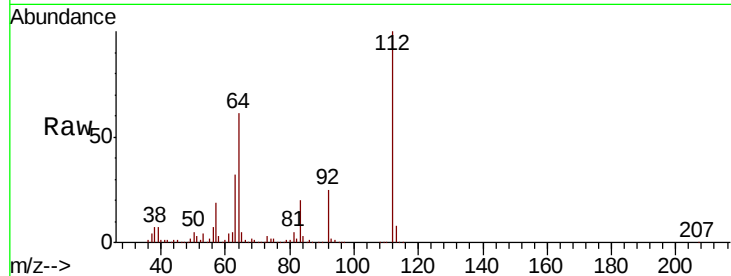
ClientSampleId :

SSTDIC050

Tot Ion:	112	Resp:	727254
Ion Ratio	Lower	Upper	
112	100		
64	61.5	49.9	74.9
63	31.8	26.0	39.0

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#6

Aniline

Concen: 48.843 ng

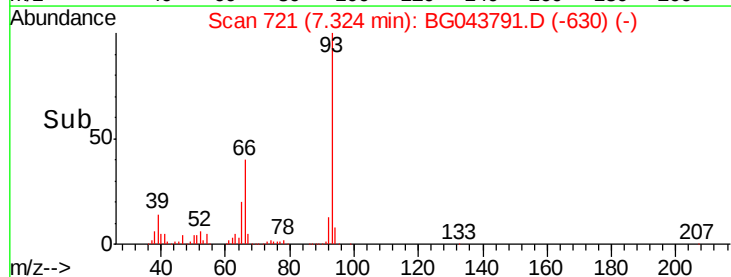
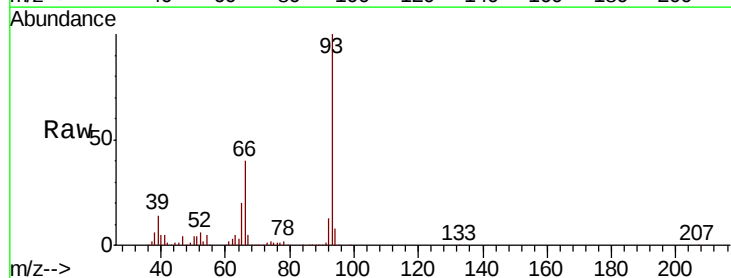
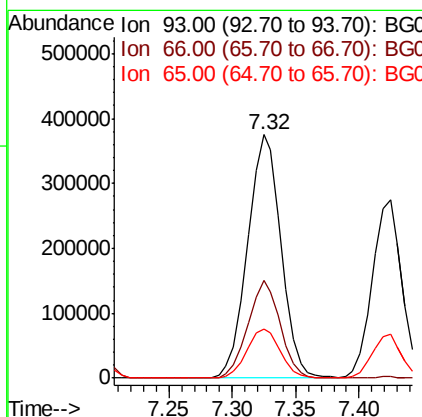
RT: 7.32 min Scan# 721

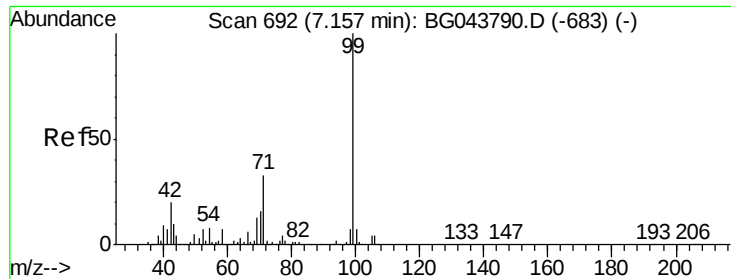
Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Tgt Ion:	93	Resp:	687871
Ion Ratio	Lower	Upper	
93	100		
66	39.9	31.9	47.9
65	19.9	16.8	25.2





#7

Phenol-d6

Concen: 95.912 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tot Ion: 99 Resp: 1036534

Ion Ratio Lower Upper

99 100

42 20.2 16.2 24.2

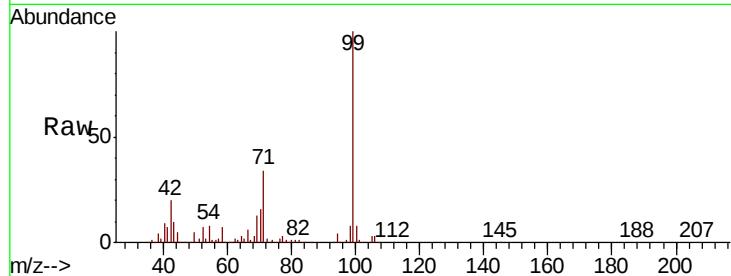
71 34.1 26.6 40.0

Manual Integrations

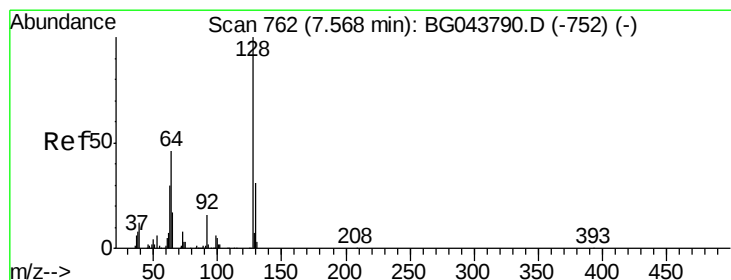
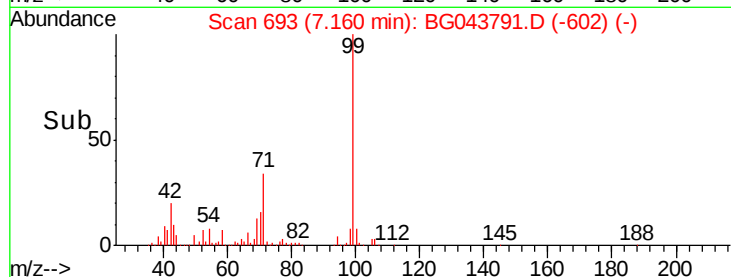
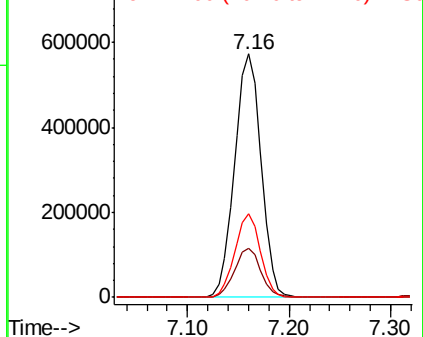
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 49.155 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

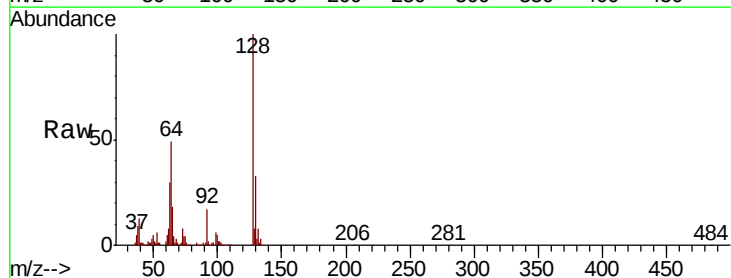
Tgt Ion:128 Resp: 416800

Ion Ratio Lower Upper

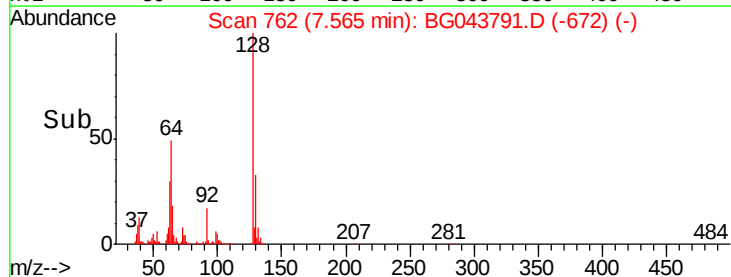
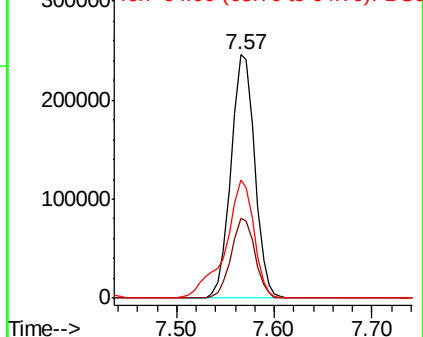
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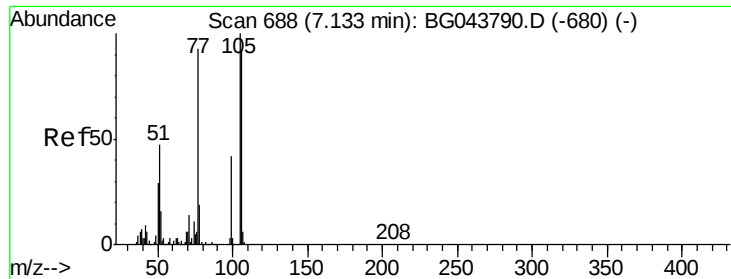
130 32.7 11.1 51.1

64 48.8 26.5 66.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 41.621 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

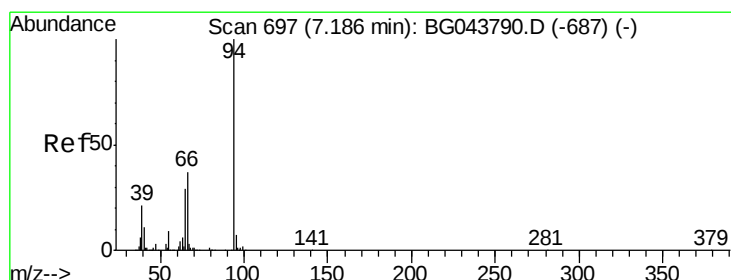
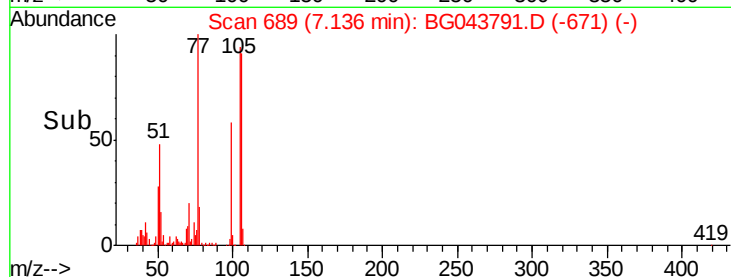
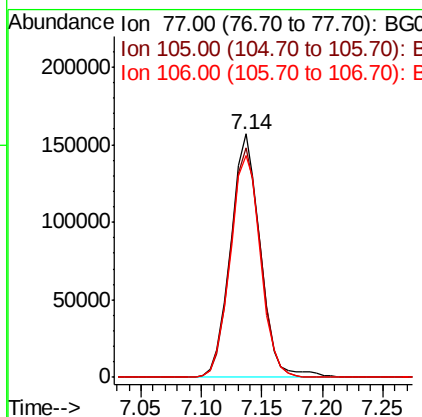
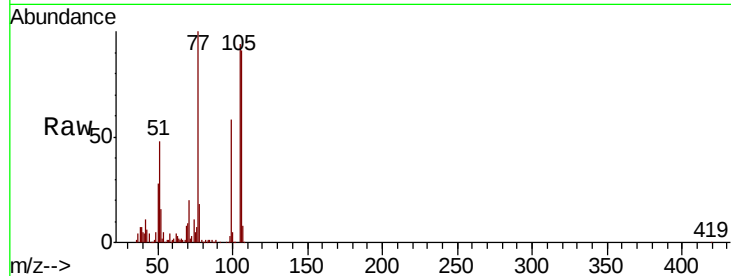
ClientSampleId :

SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	94.3	87.1	127.1		
106	91.0	78.2	118.2		

Manual Integrations
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#10

Phenol

Concen: 47.873 ng

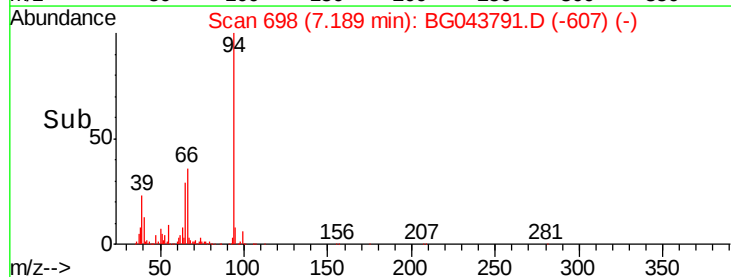
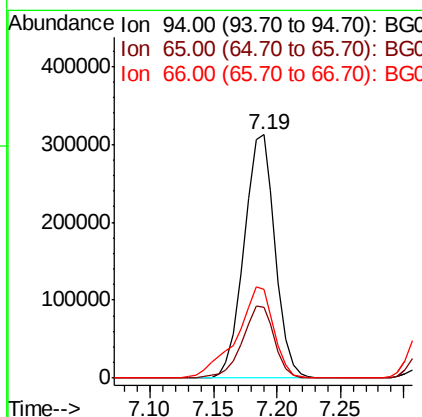
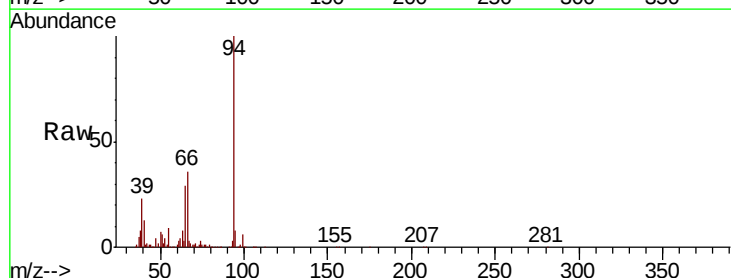
RT: 7.19 min Scan# 698

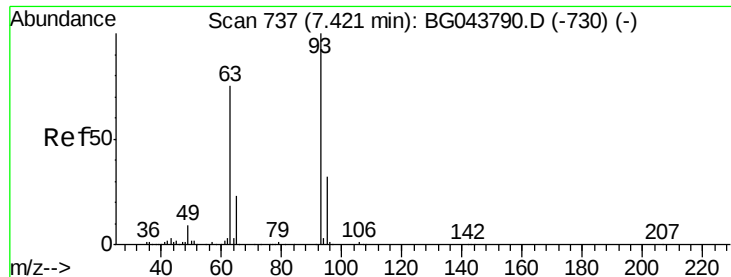
Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.1	9.5	49.5		
66	36.4	16.8	56.8		





#11

bis(2-Chloroethyl)ether

Concen: 47.891 ng

RT: 7.42 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

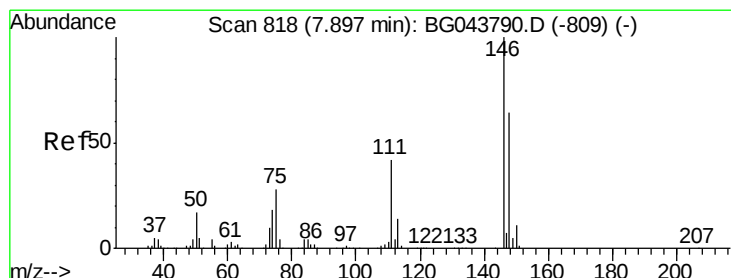
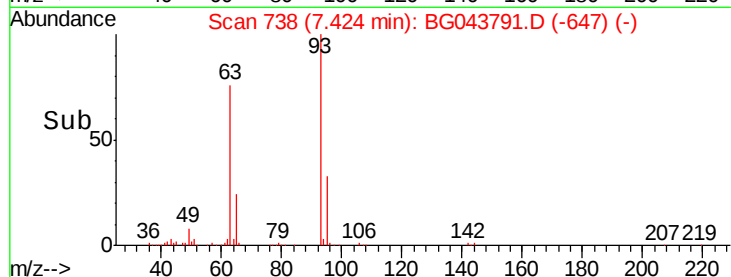
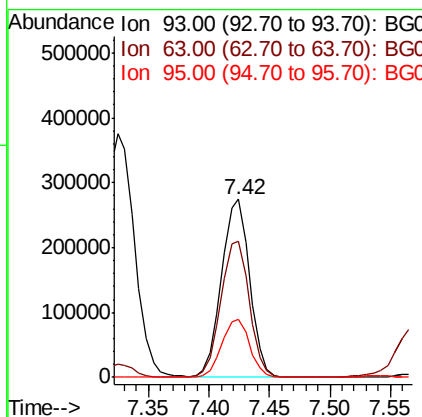
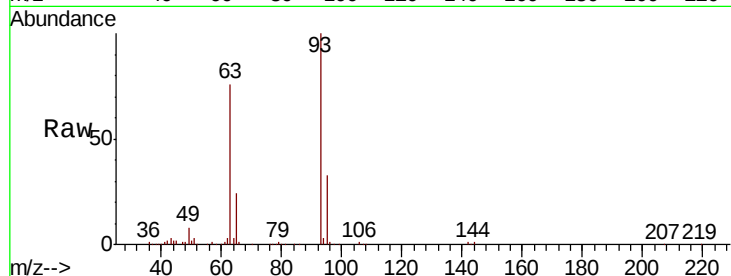
ClientSampleId :

SSTDIC050

Tot Ion:	93	Resp:	443430
Ion	Ratio	Lower	Upper
93	100		
63	76.4	54.7	94.7
95	32.5	11.3	51.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 49.584 ng

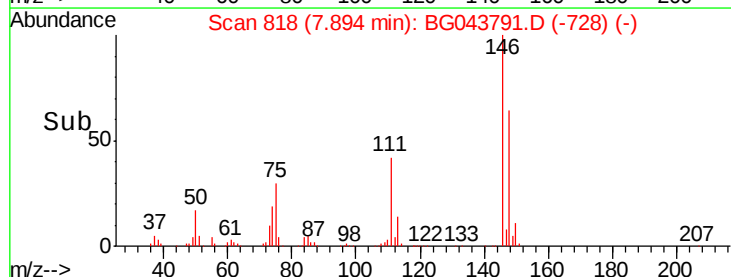
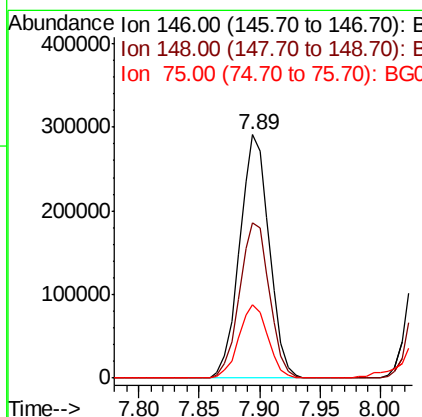
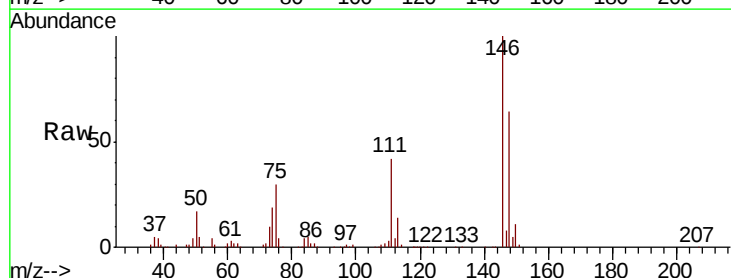
RT: 7.89 min Scan# 818

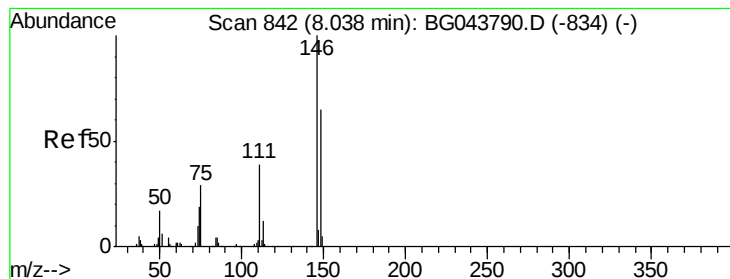
Delta R.T. -0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Tgt Ion:	146	Resp:	494933
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.2
75	30.3	22.4	33.6





#13

1,4-Dichlorobenzene

Concen: 49.083 ng

RT: 8.04 min Scan# 843

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

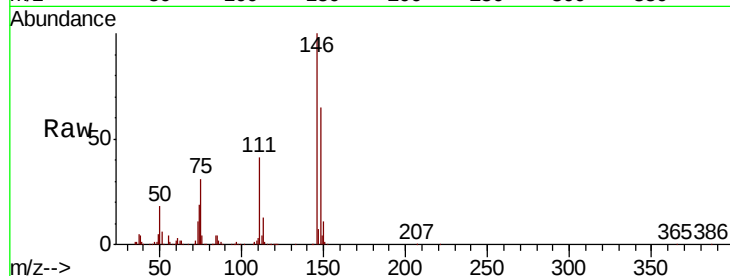
ClientSampleId :

SSTDIC050

Tot Ion:	146	Resp:	496240
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.8	77.8
111	40.6	31.4	47.2

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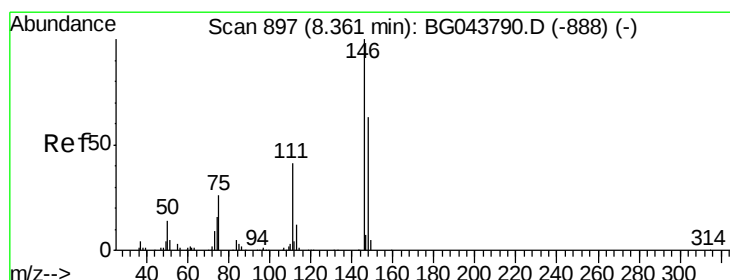
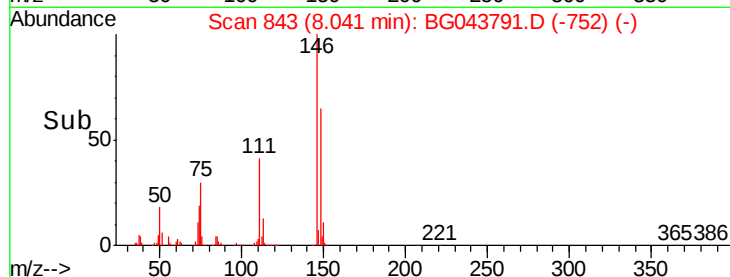
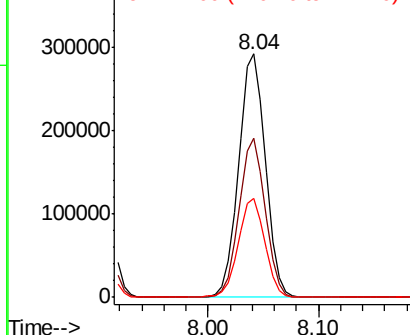


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 49.529 ng

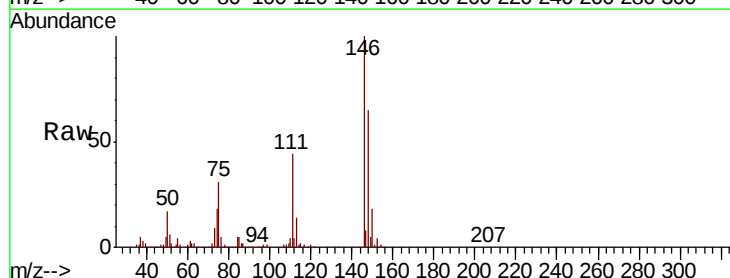
RT: 8.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Tgt Ion:	146	Resp:	473800
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.2	75.2
111	43.6	33.4	50.2

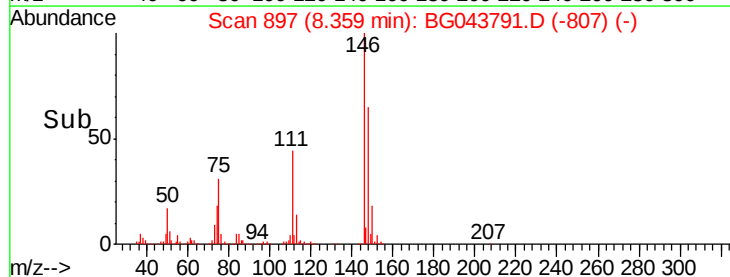
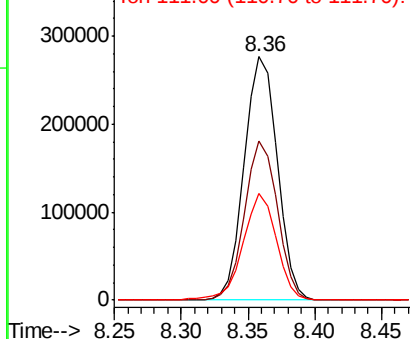


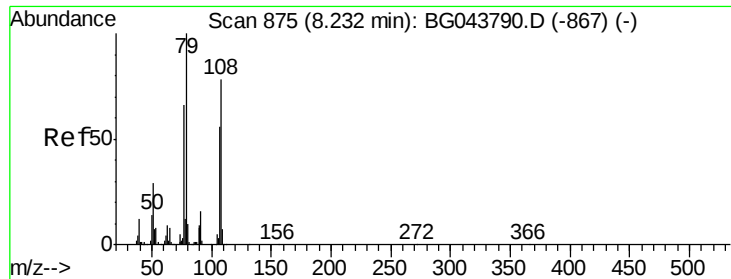
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.463 ng

RT: 8.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

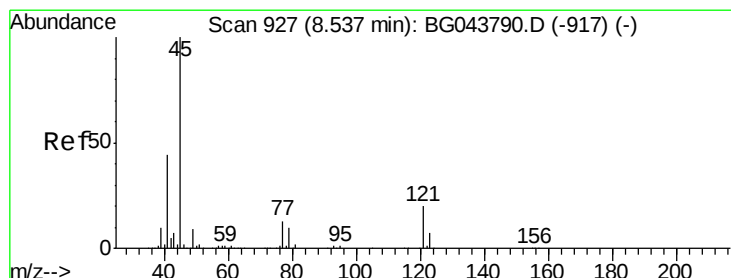
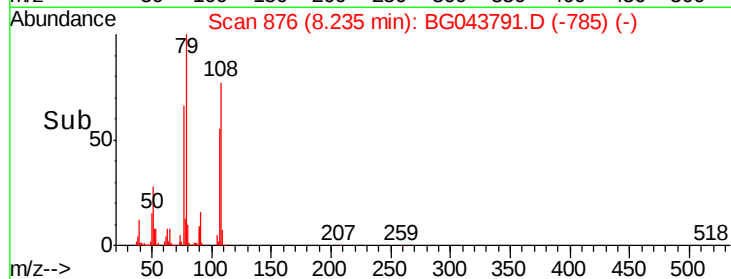
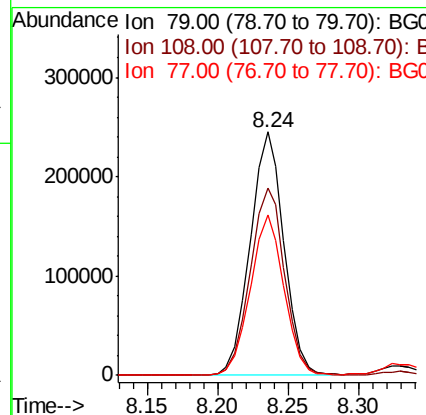
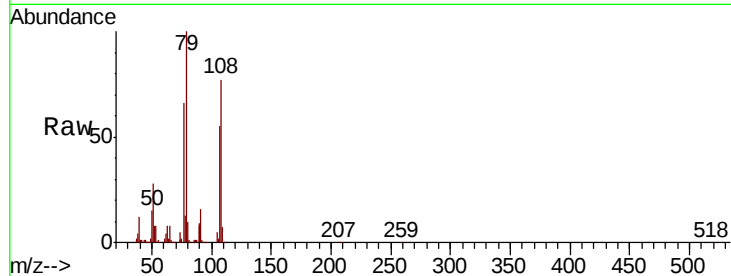
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.0	62.2	93.2
77	65.7	52.8	79.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.057 ng

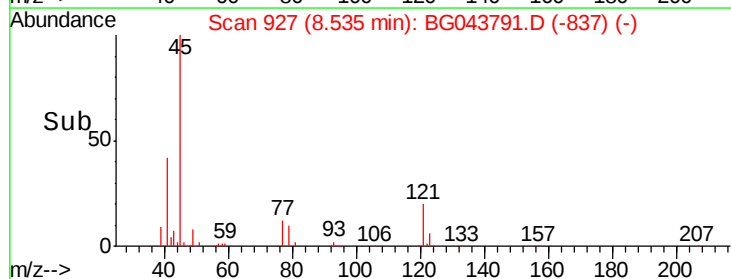
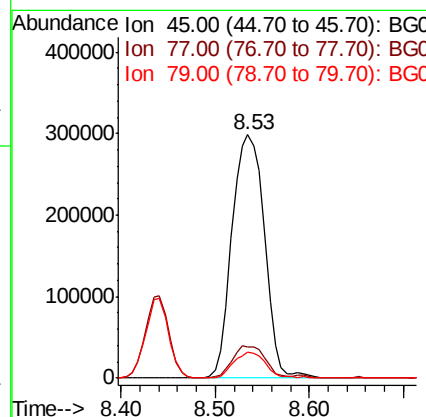
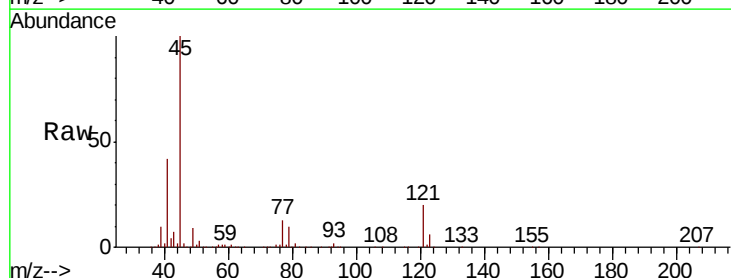
RT: 8.53 min Scan# 927

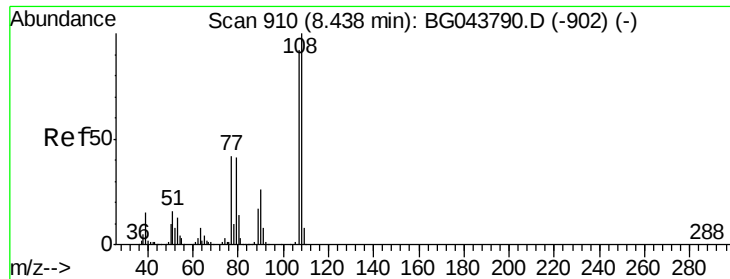
Delta R.T. -0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	33.6
79	10.5	0.0	29.9





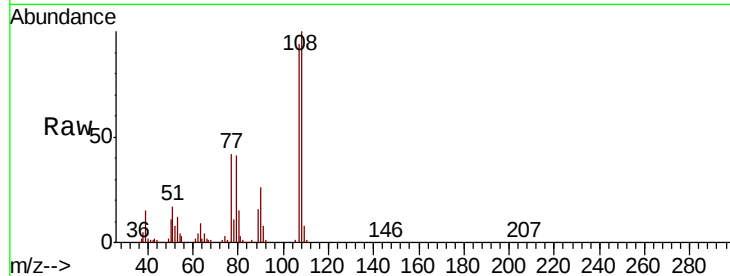
#17
2-Methylphenol
Concen: 47.960 ng
RT: 8.44 min Scan# 911
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.8	87.2	130.8	
77	45.2	36.6	54.8	
79	43.9	35.5	53.3	

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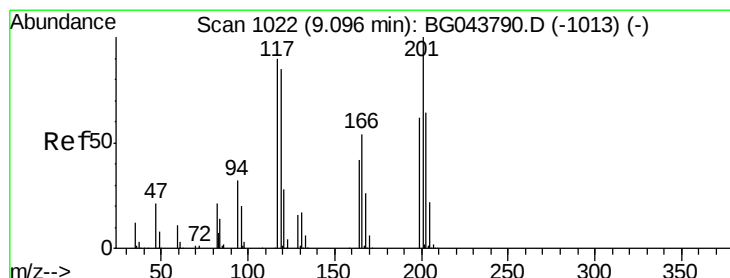
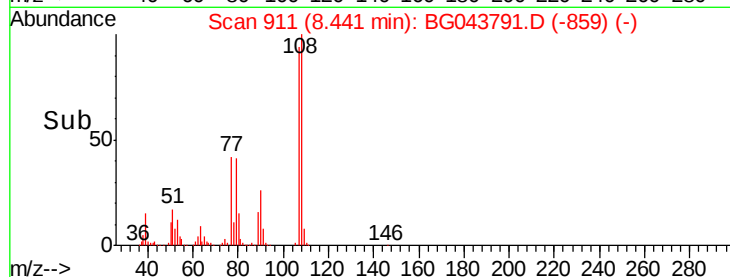
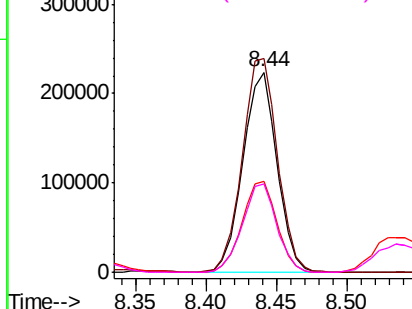
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

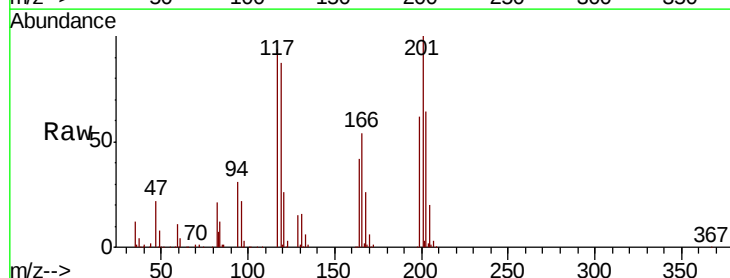
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 47.623 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.2	75.6	113.4	
201	106.8	88.6	133.0	

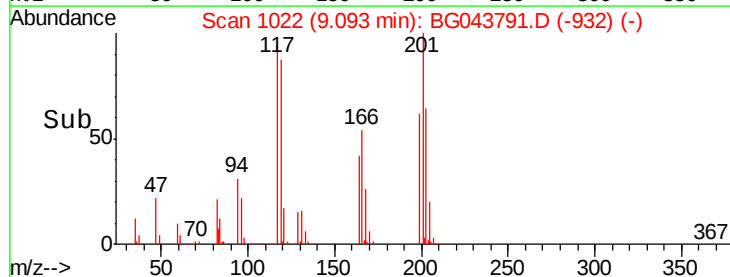
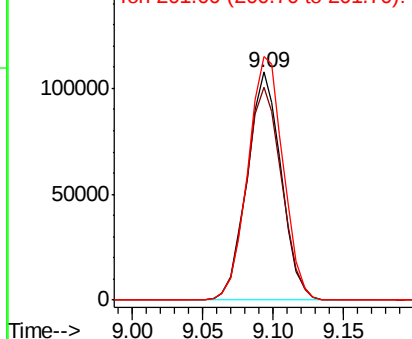


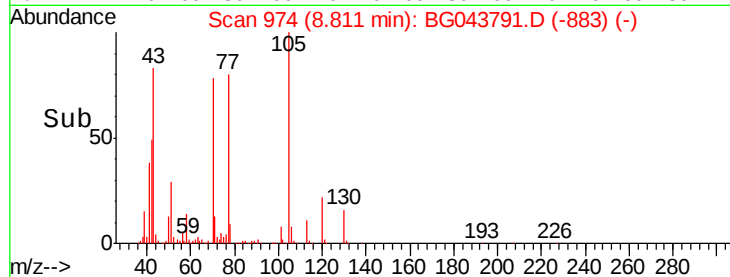
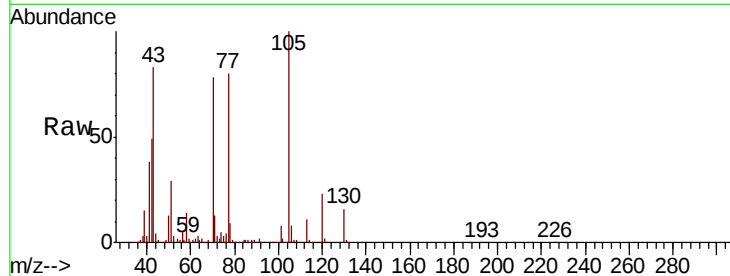
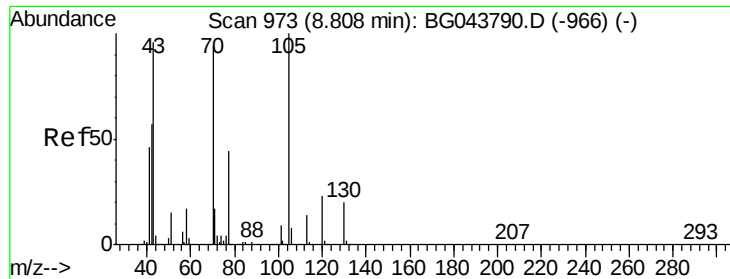
Abundance

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





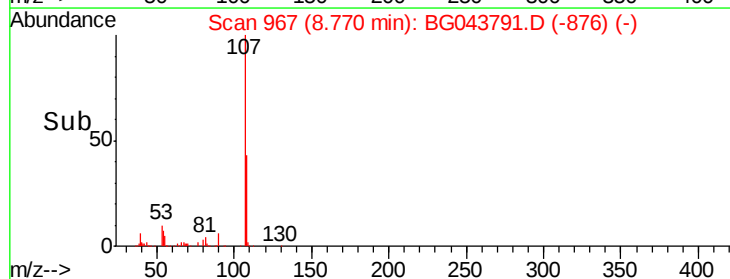
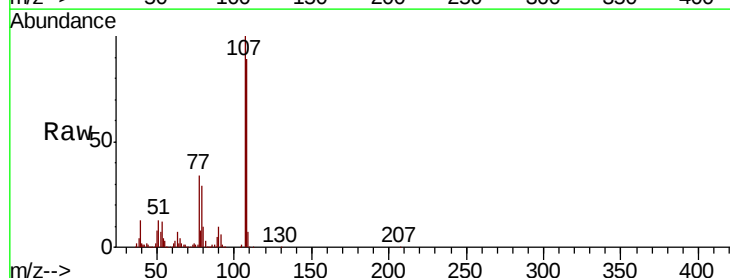
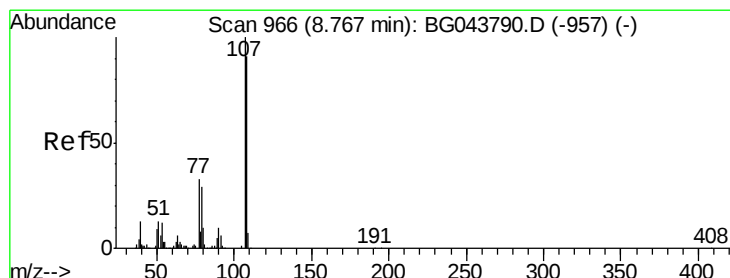
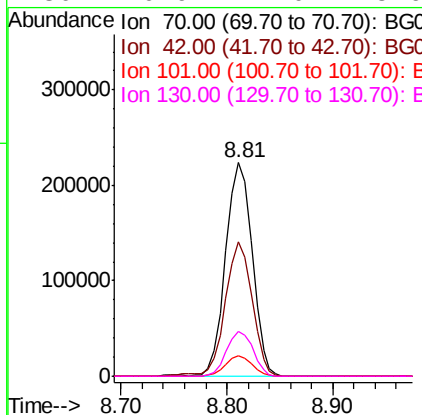
#19
n-Nitroso-di-n-propylamine
Concen: 45.973 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.8	49.2	73.8	
101	9.7	7.8	11.6	
130	20.9	17.0	25.6	

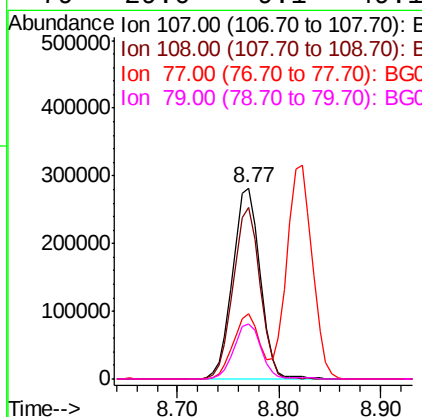
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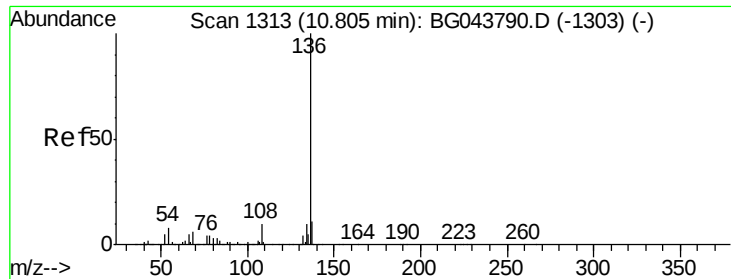
mohammad
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#20
3+4-Methylphenols
Concen: 48.230 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.5	70.9	110.9	
77	34.3	12.7	52.7	
79	29.0	9.1	49.1	





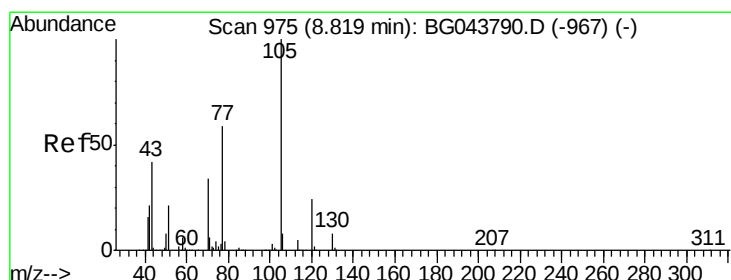
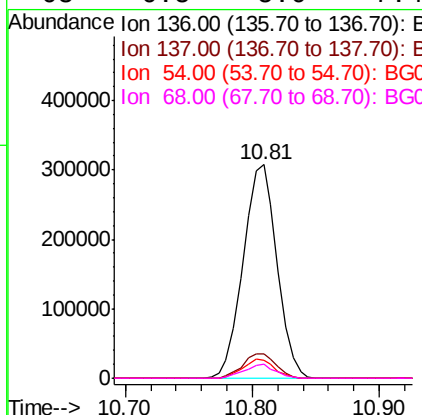
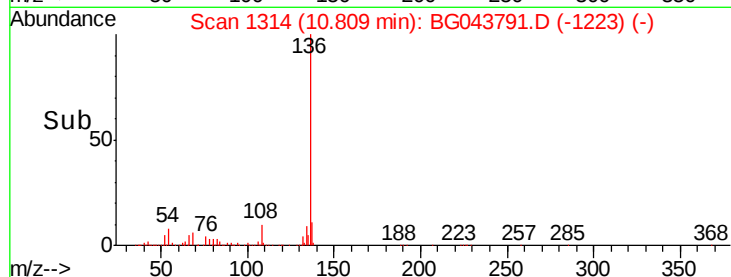
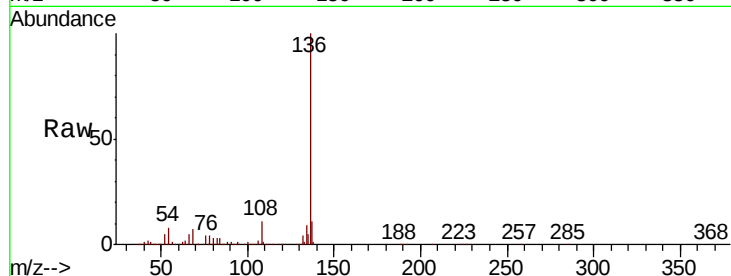
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		567719		
137	11.1	8.7	13.1		
54	8.4	6.8	10.2		
68	6.5	5.0	7.4		

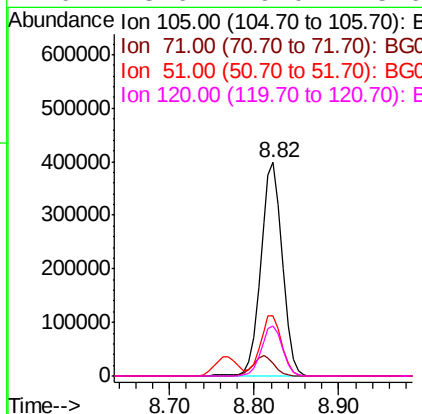
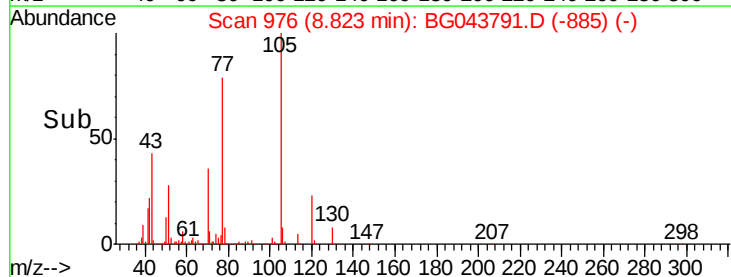
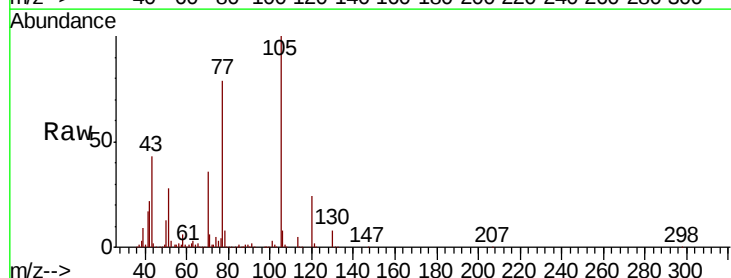
Manual Integrations
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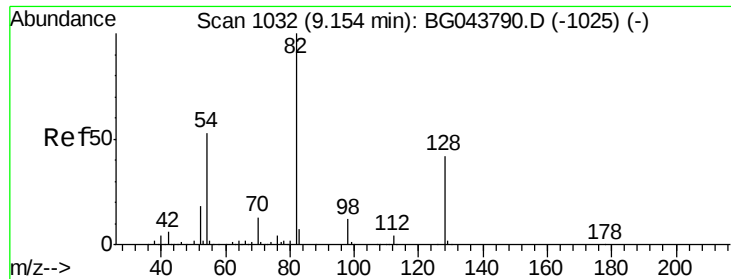
mohammad
12/10/2019 11:51:01 AM



#22
Acetophenone
Concen: 47.040 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		707811		
71	6.1	4.9	7.3		
51	28.5	22.2	33.4		
120	23.6	19.0	28.6		





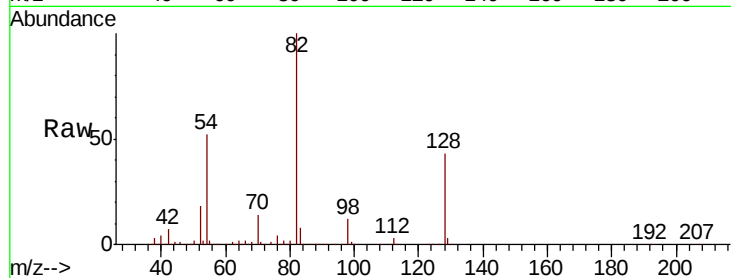
#23
 Nitrobenzene-d5
 Concen: 100.093 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

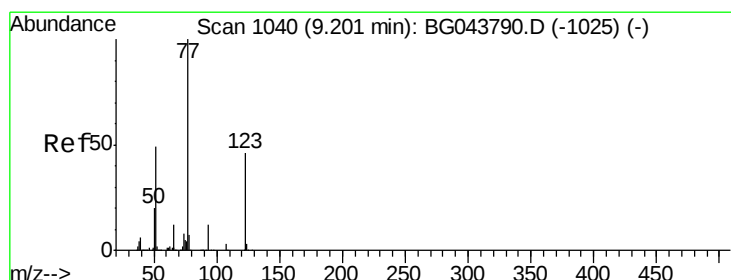
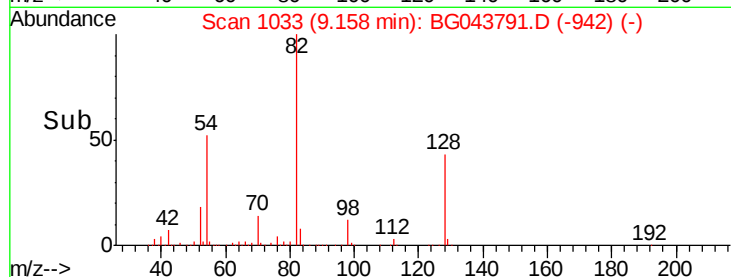
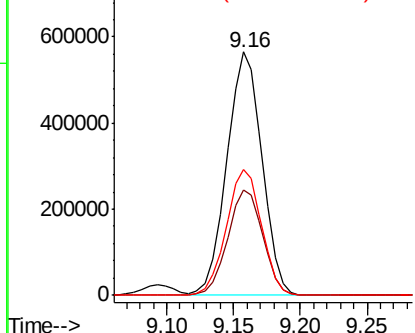
Tot Ion: 82 Resp: 1033504
 Ion Ratio Lower Upper
 82 100
 128 43.5 33.6 50.4
 54 51.8 42.1 63.1

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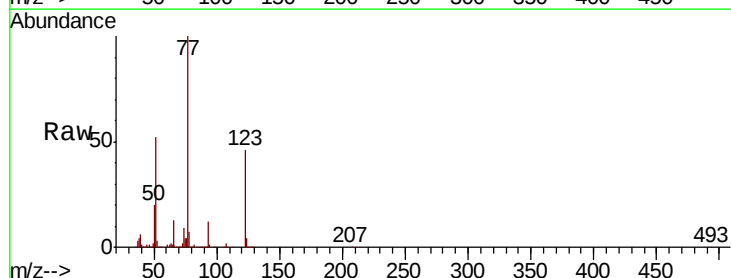


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

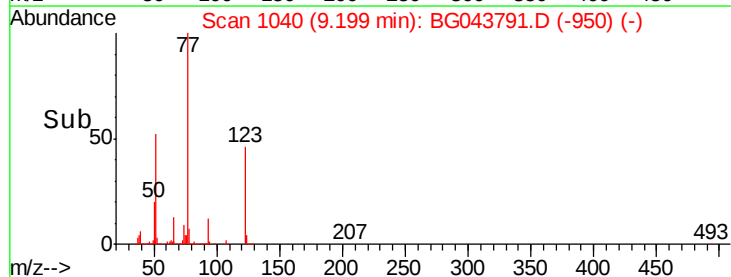
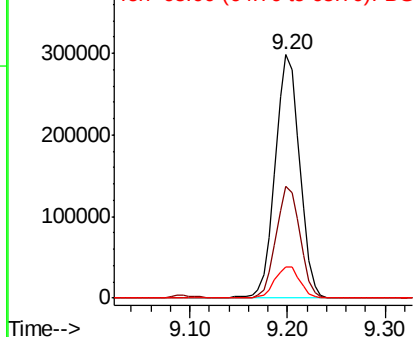


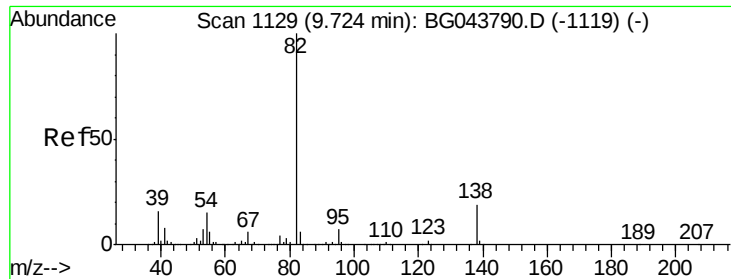
#24
 Nitrobenzene
 Concen: 49.100 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

Tgt Ion: 77 Resp: 521120
 Ion Ratio Lower Upper
 77 100
 123 45.7 36.6 55.0
 65 12.8 9.8 14.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





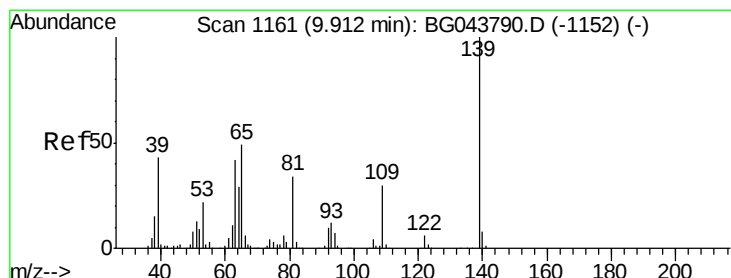
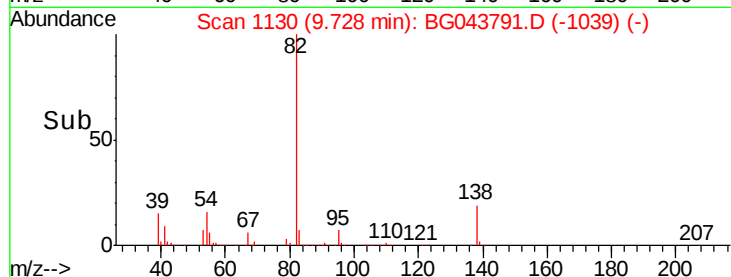
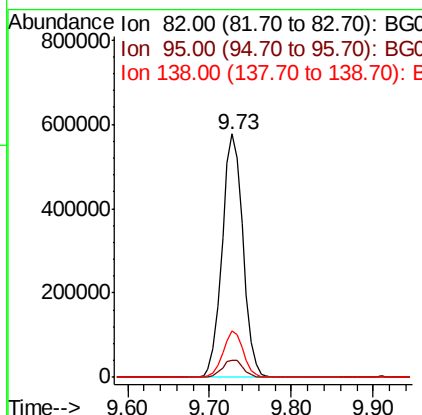
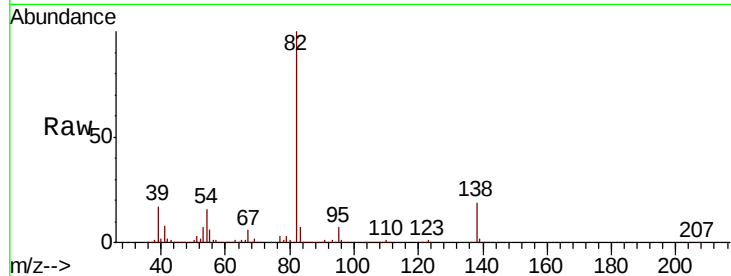
#25
Isophorone
Concen: 46.017 ng
RT: 9.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	19.1	14.8	22.2

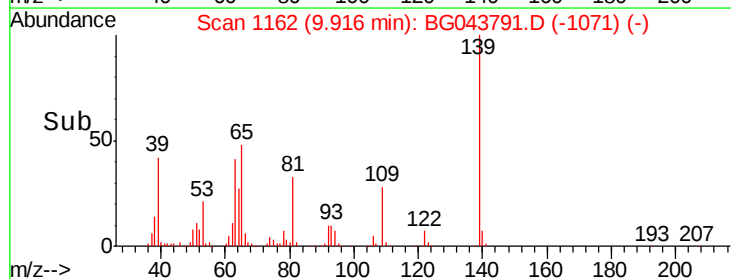
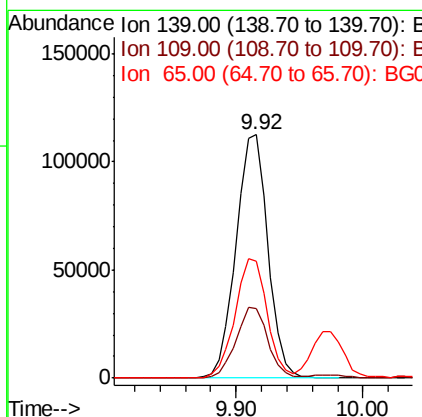
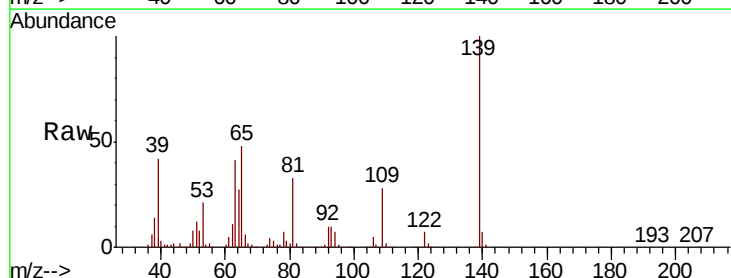
Manual Integrations
APPROVED

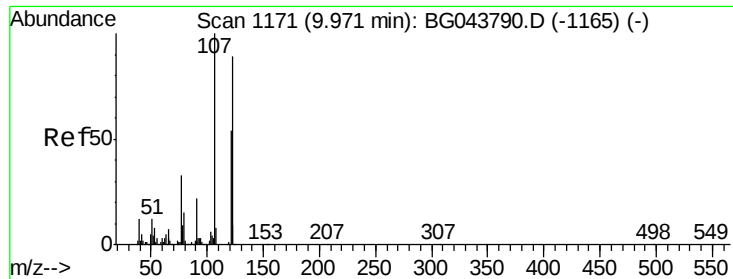
mohammad
12/10/2019 11:51:01 AM



#26
2-Nitrophenol
Concen: 51.207 ng
RT: 9.92 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.5	23.9	35.9
65	48.1	39.3	58.9





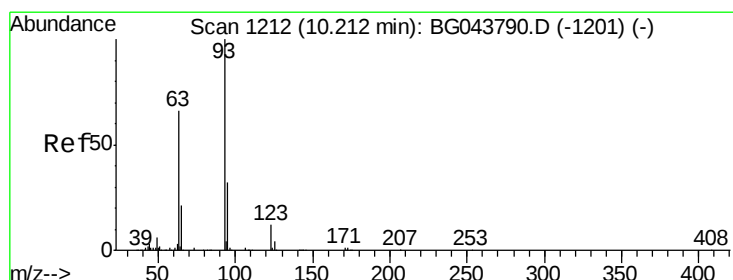
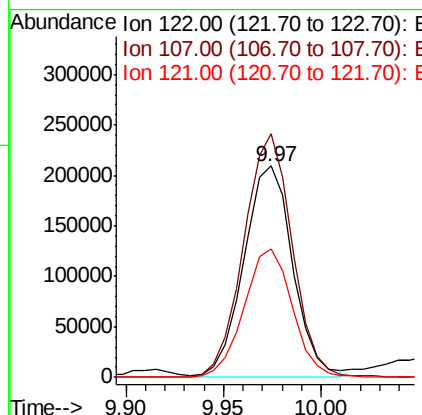
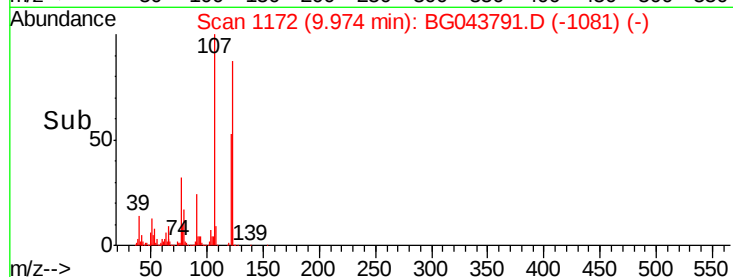
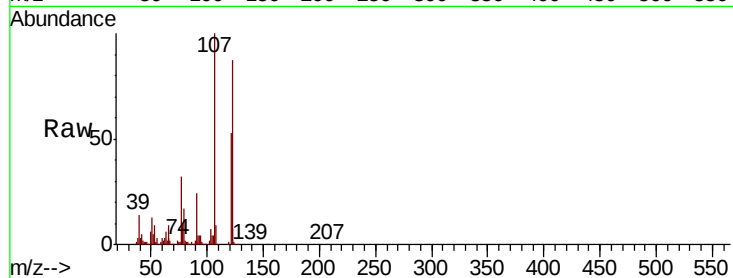
#27
2,4-Dimethylphenol
Concen: 48.332 ng
RT: 9.97 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
122	100	363407		
107	115.1	90.0	135.0	
121	61.0	48.6	73.0	

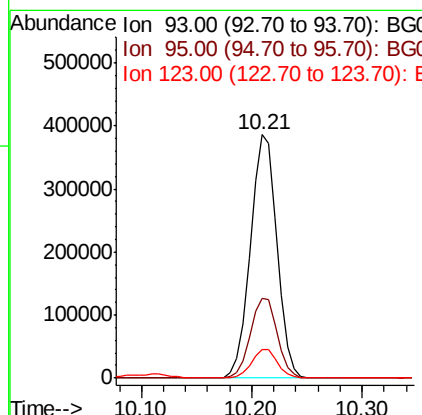
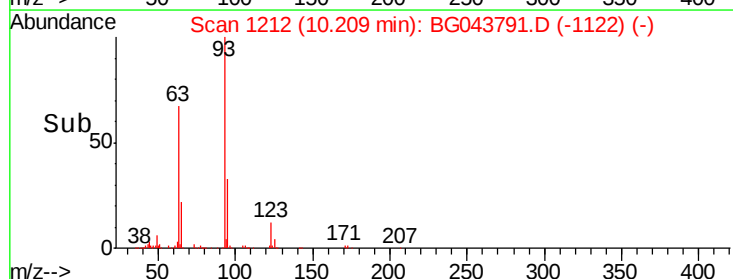
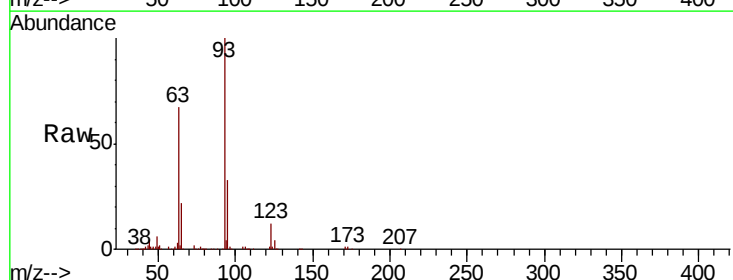
Manual Integrations
APPROVED

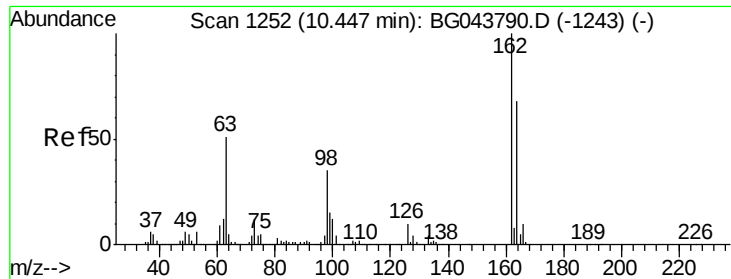
mohammad
12/10/2019 11:51:01 AM



#28
bis(2-Chloroethoxy)methane
Concen: 47.714 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	651094		
95	32.6	25.7	38.5	
123	11.9	9.5	14.3	





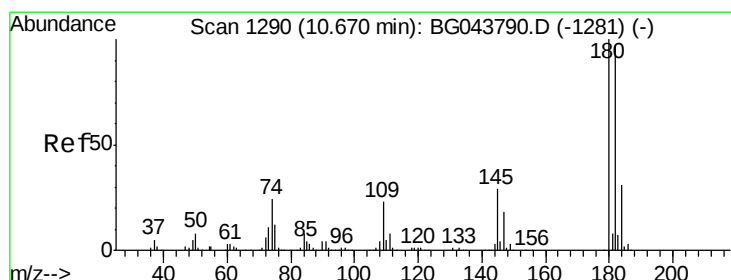
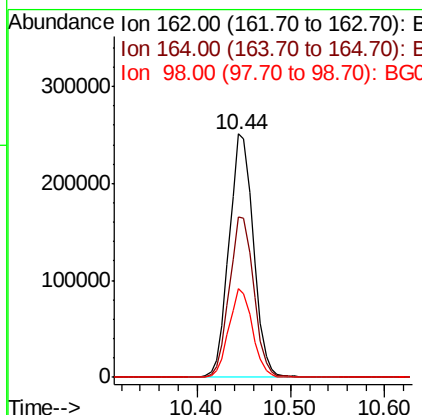
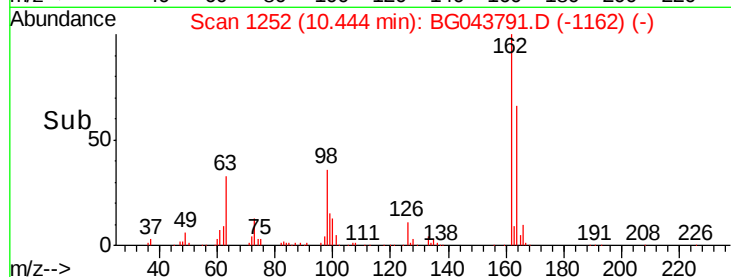
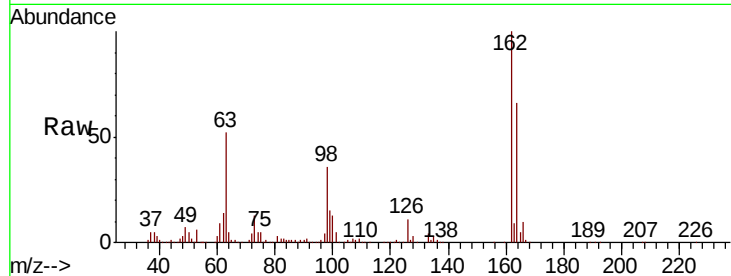
#29
2,4-Dichlorophenol
Concen: 49.560 ng
RT: 10.44 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	48.0	88.0
98	36.5	14.9	54.9

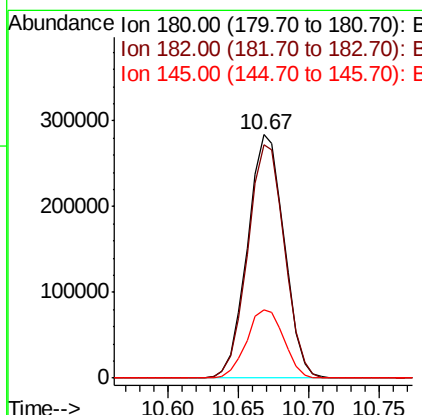
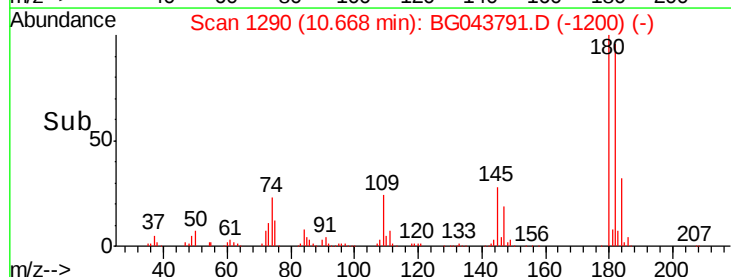
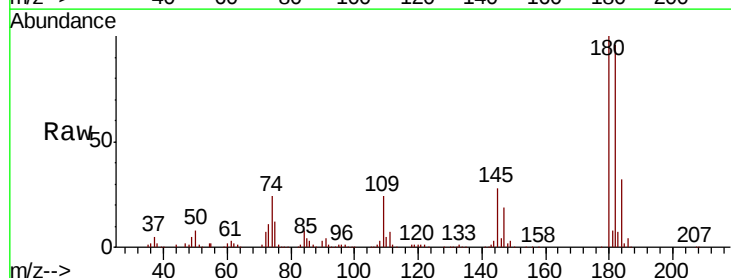
Manual Integrations
APPROVED

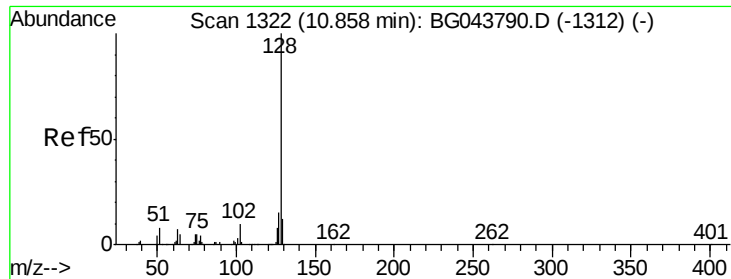
mohammad
12/10/2019 11:51:01 AM



#30
1,2,4-Trichlorobenzene
Concen: 48.302 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.8	116.8
145	28.1	23.0	34.6





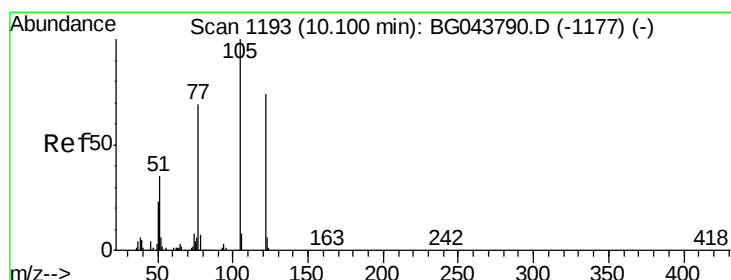
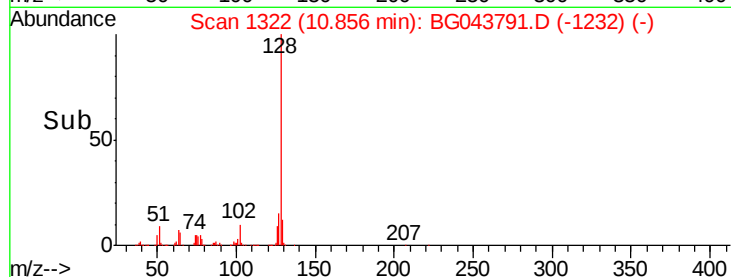
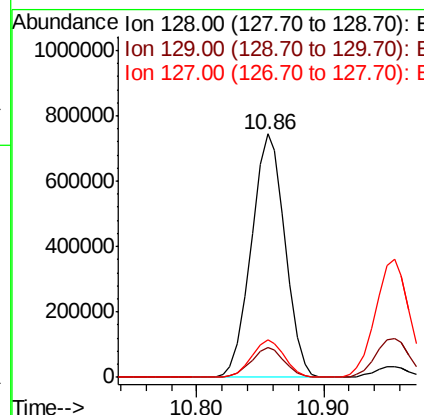
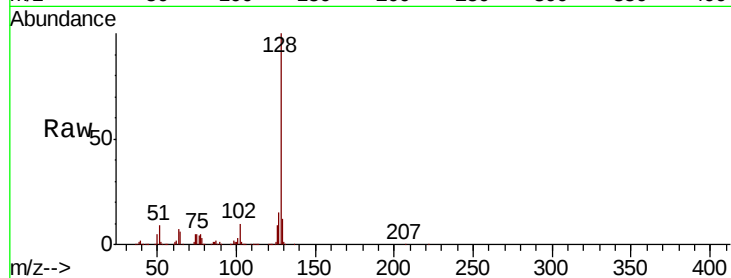
#31
Naphthalene
Concen: 48.610 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.6
127	15.4	11.9	17.9

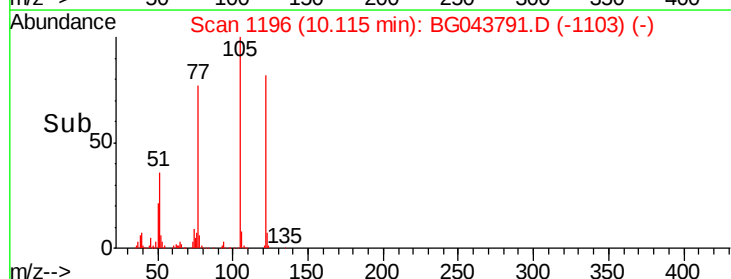
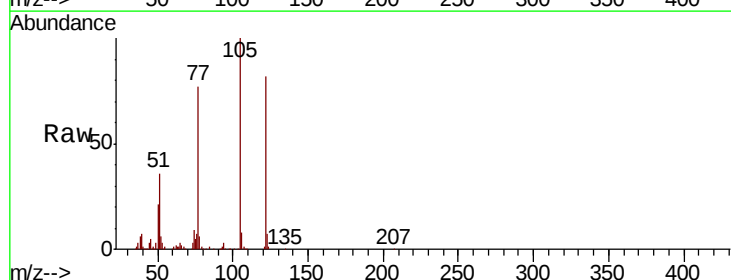
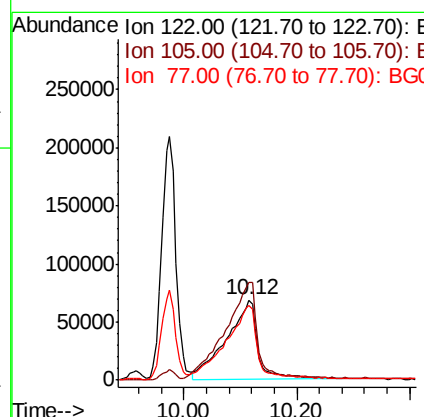
Manual Integrations
APPROVED

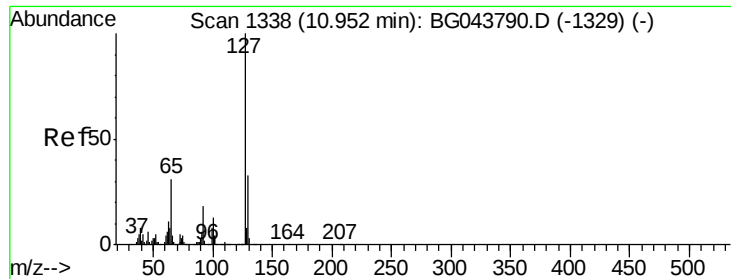
mohammad
12/10/2019 11:51:01 AM



#32
Benzoic acid
Concen: 48.918 ng
RT: 10.12 min Scan# 1196
Delta R.T. 0.02 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	107.5	147.5
77	93.7	71.7	111.7





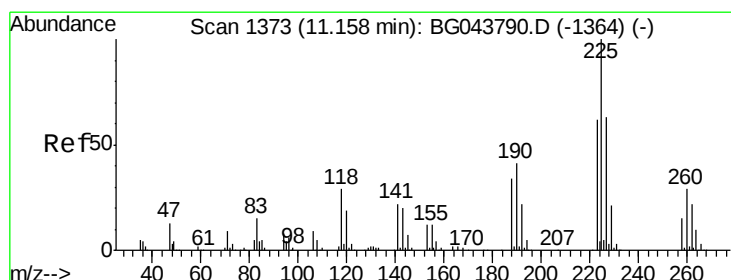
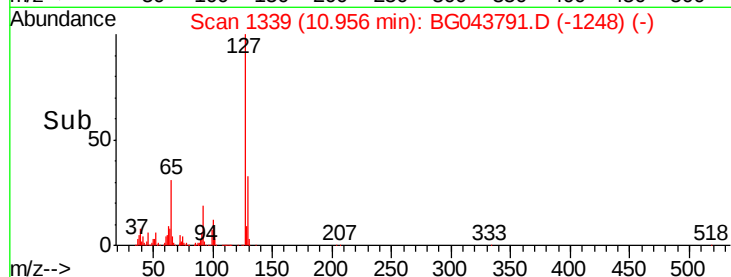
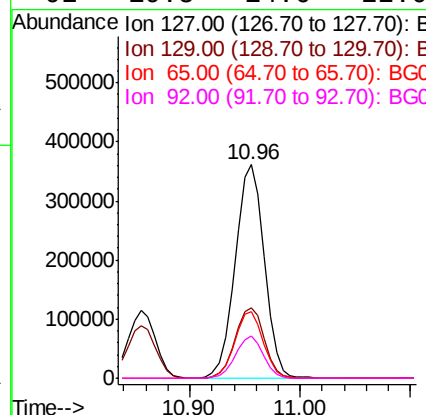
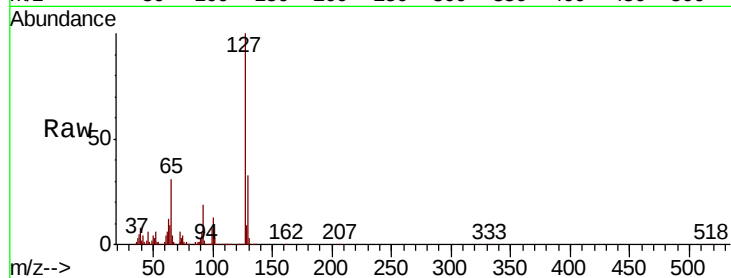
#33
4-Chloroaniline
Concen: 49.248 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	31.0	24.4	36.6
92	19.5	14.6	22.0

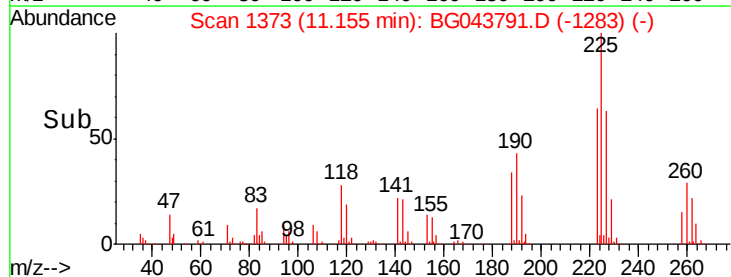
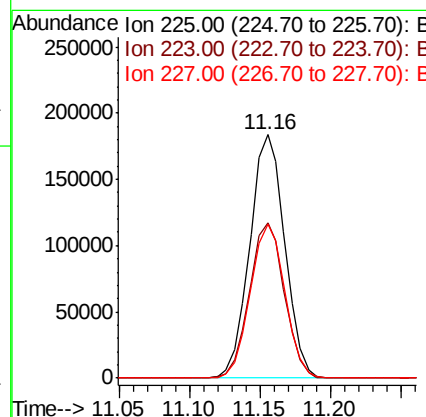
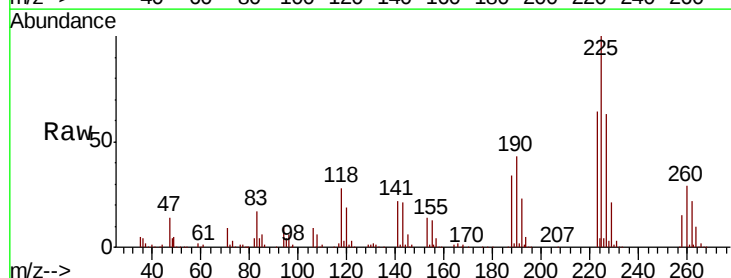
Manual Integrations
APPROVED

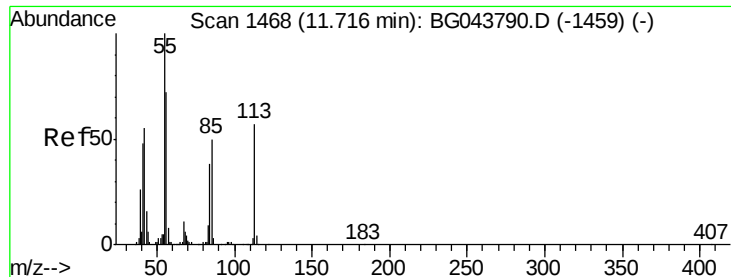
mohammad
12/10/2019 11:51:01 AM



#34
Hexachlorobutadiene
Concen: 45.294 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.3	73.9
227	63.5	50.2	75.2





#35

Caprolactam

Concen: 47.931 ng

RT: 11.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

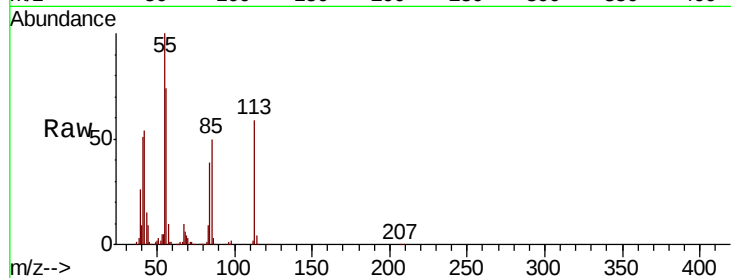
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Lower	Upper
113	100		
55	169.0	154.2	194.2
56	124.3	105.6	145.6

Manual Integrations
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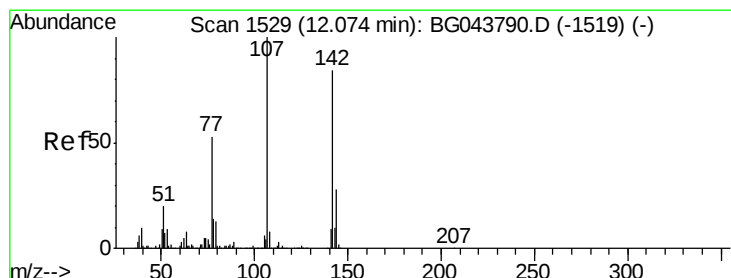
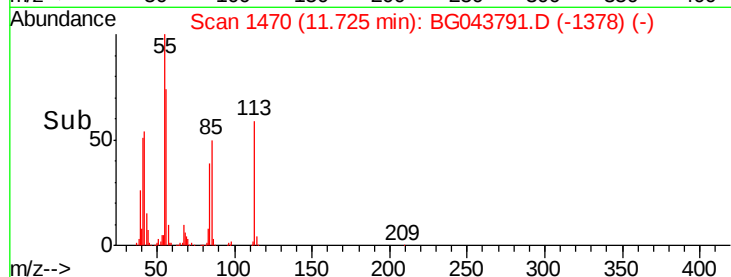
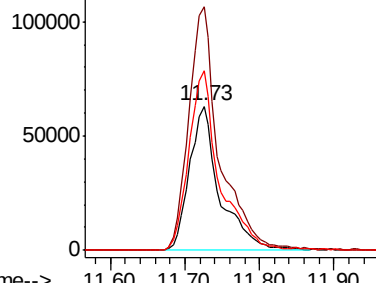
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.378 ng

RT: 12.07 min Scan# 1529

Delta R.T. -0.00 min

Lab File: BG043791.D

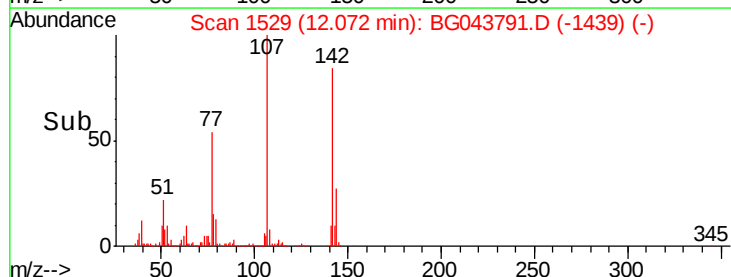
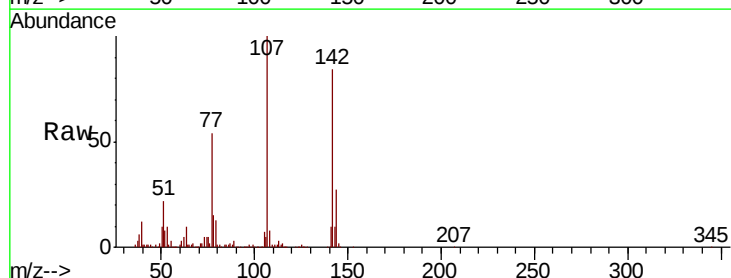
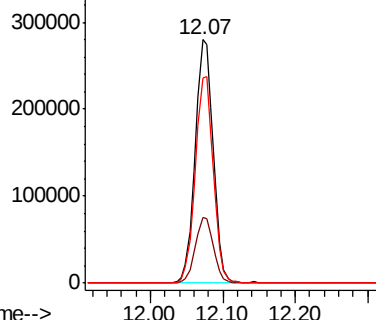
Acq: 9 Dec 2019 14:47

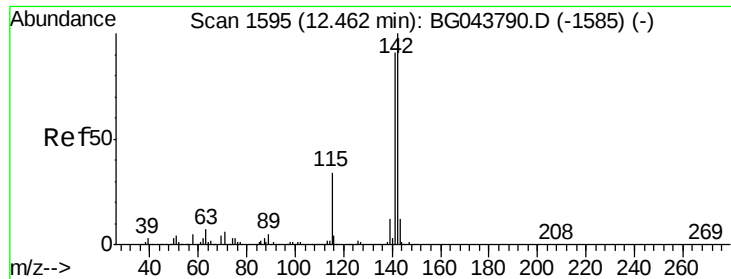
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	22.2	33.4
142	84.1	67.0	100.6

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





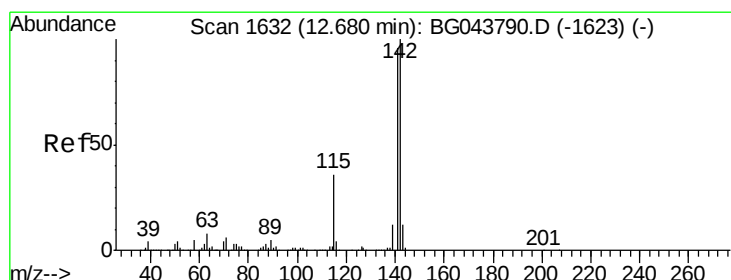
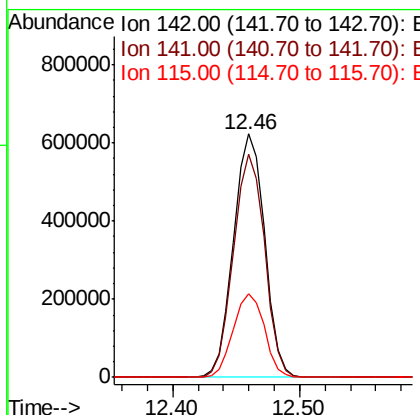
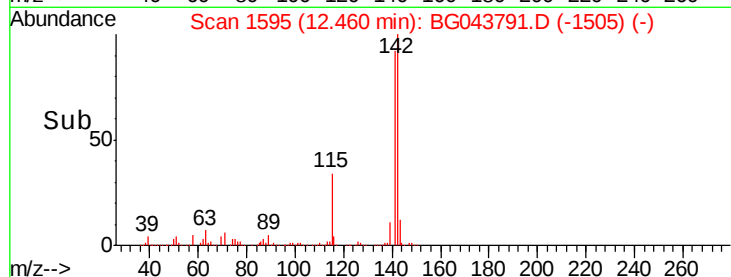
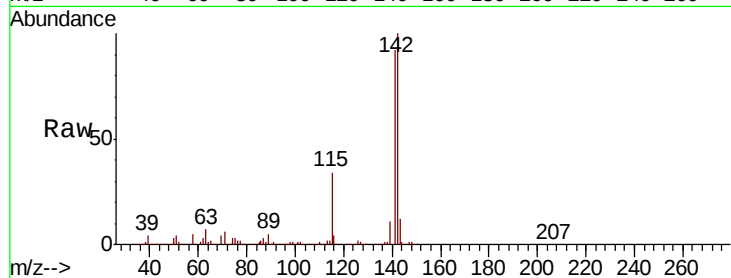
#37
2-Methylnaphthalene
Concen: 49.870 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.2	109.8
115	34.5	27.3	40.9

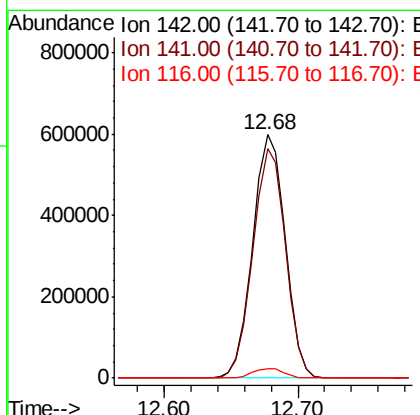
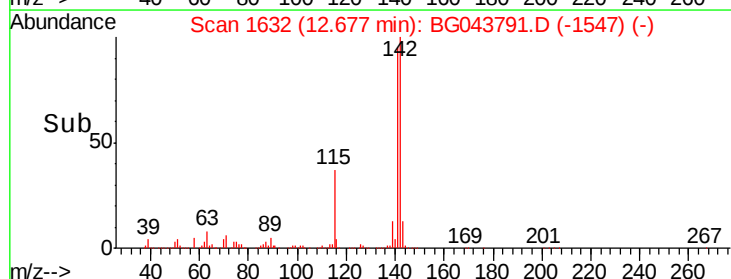
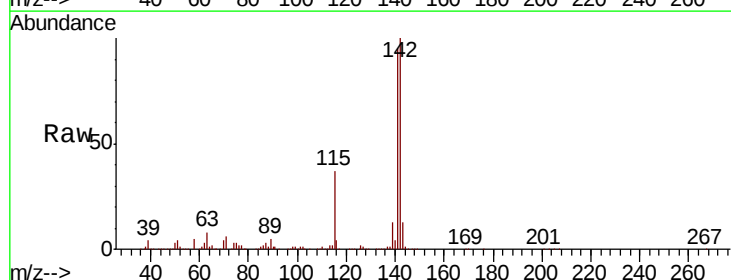
Manual Integrations
APPROVED

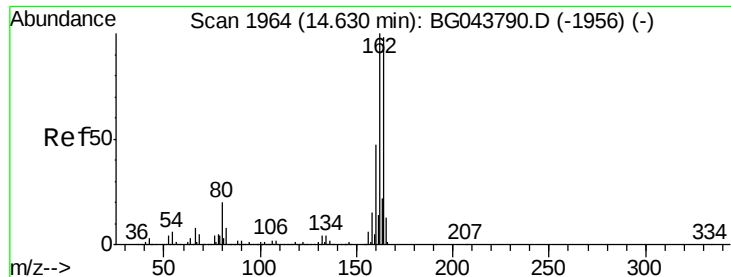
mohammad
12/10/2019 11:51:01 AM



#38
1-Methylnaphthalene
Concen: 50.009 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	76.9	115.3
116	4.1	3.2	4.8





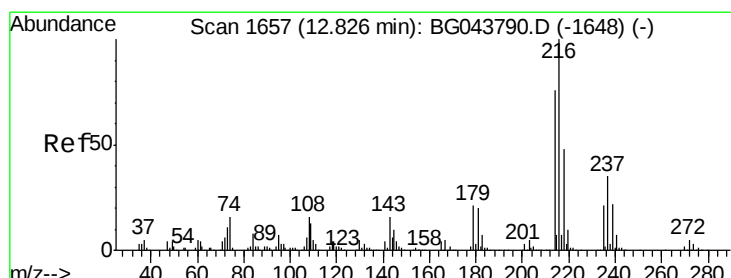
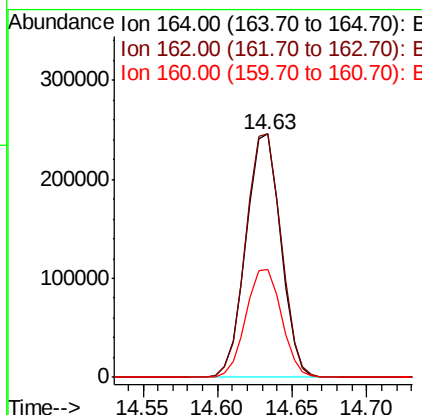
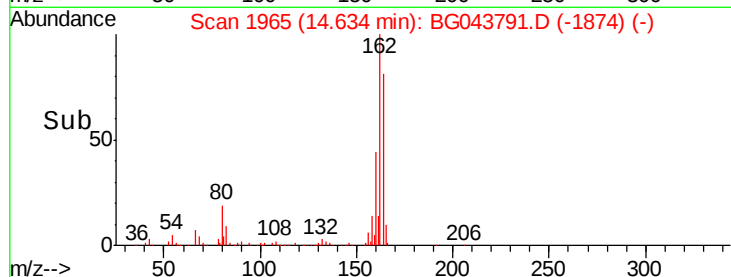
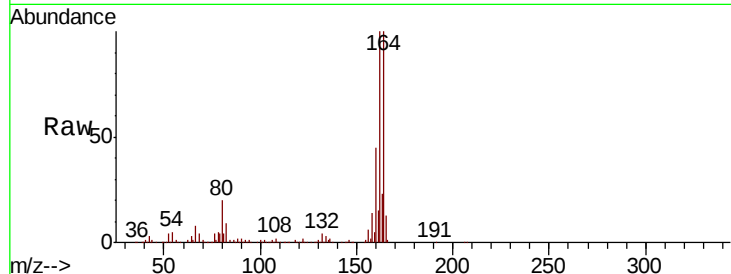
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.1	81.9	122.9	
160	44.6	38.3	57.5	

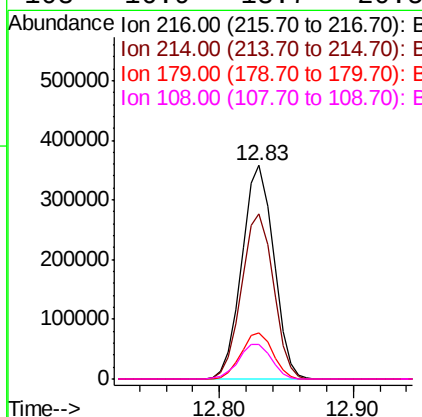
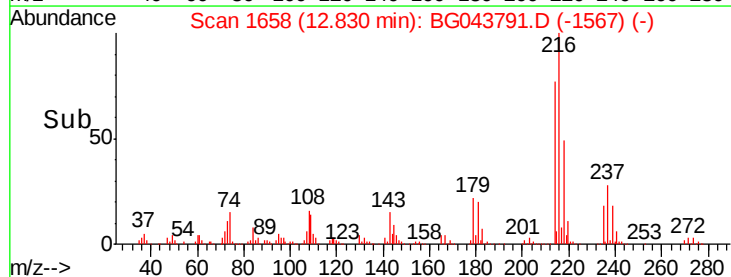
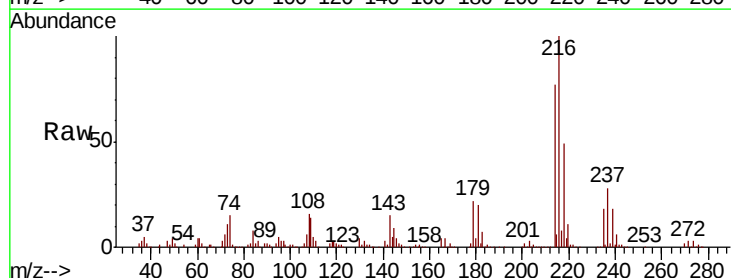
Manual Integrations
APPROVED

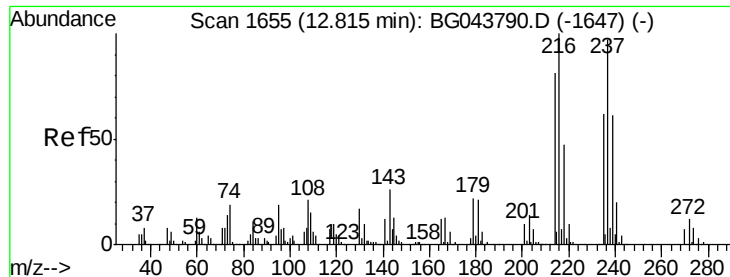
mohammad
12/10/2019 11:51:01 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.842 ng
RT: 12.83 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.7	62.2	93.4	
179	21.5	16.6	25.0	
108	16.9	13.7	20.5	





#41

Hexachlorocyclopentadiene

Concen: 42.047 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

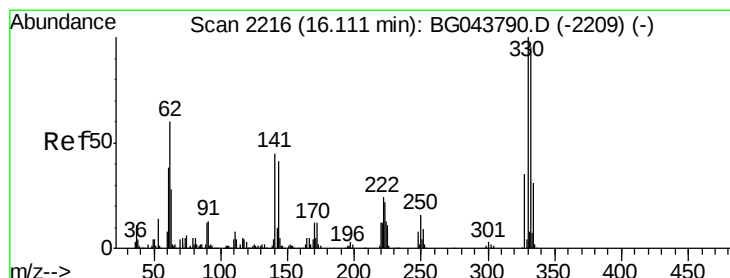
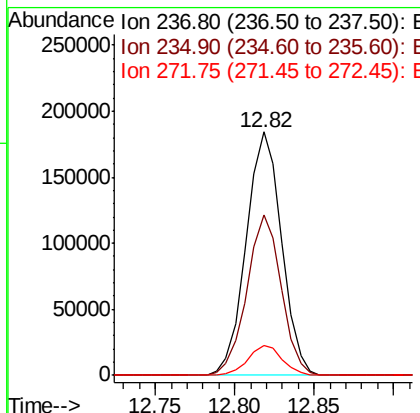
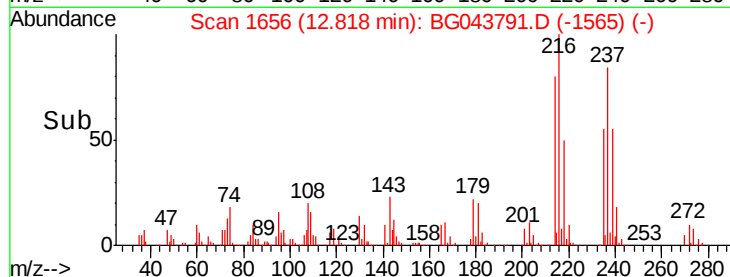
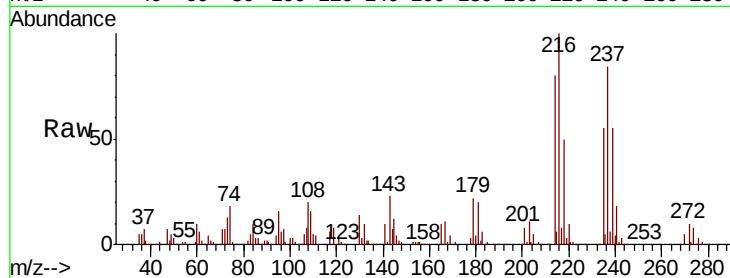
ClientSampleId :

SSTDIC050

Tot Ion:	237	Resp:	285964
Ion Ratio	Lower	Upper	
237	100		
235	66.1	43.9	83.9
272	12.4	0.0	32.0

Manual Integrations
APPROVED

mohammad
12/10/2019 11:51:01 AM



#42

2,4,6-Tribromophenol

Concen: 82.017 ng

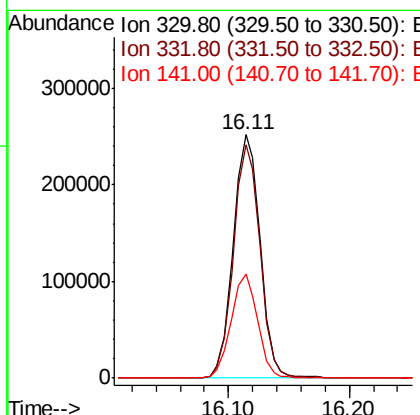
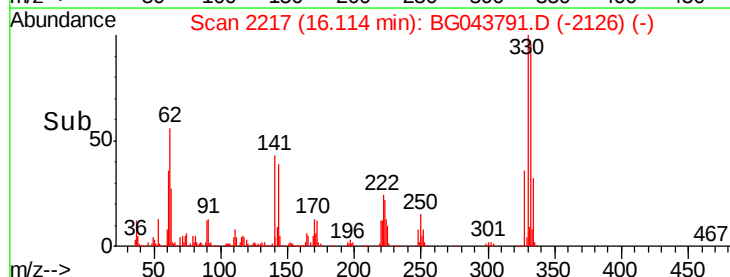
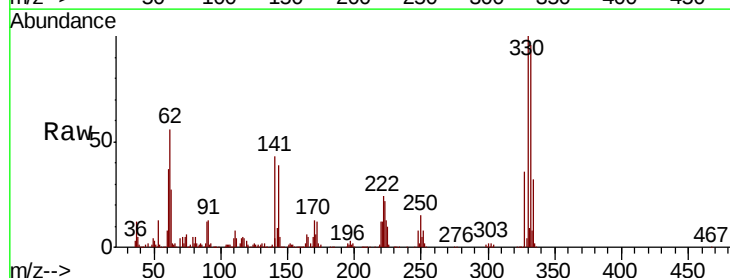
RT: 16.11 min Scan# 2217

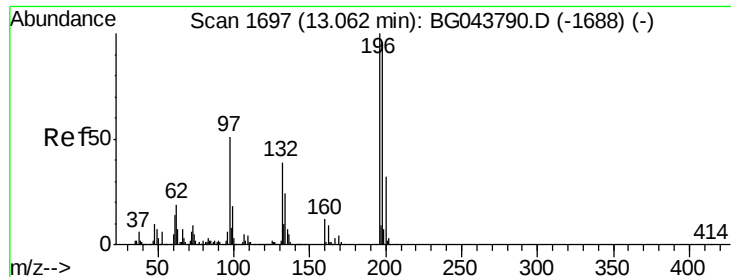
Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Tgt Ion:	330	Resp:	391354
Ion Ratio	Lower	Upper	
330	100		
332	95.0	76.9	115.3
141	42.1	33.8	50.8





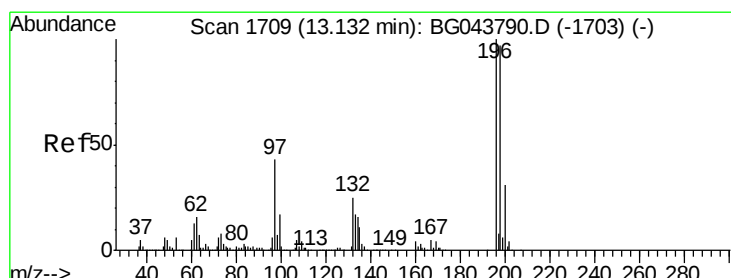
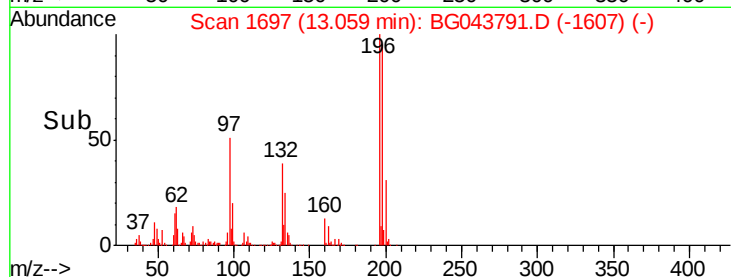
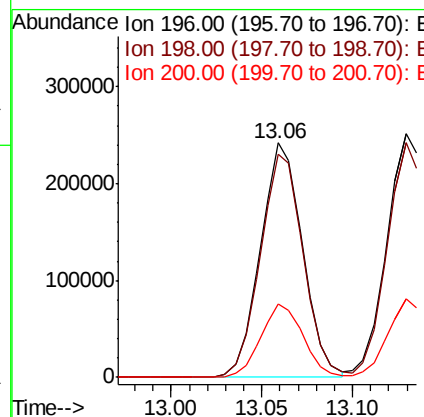
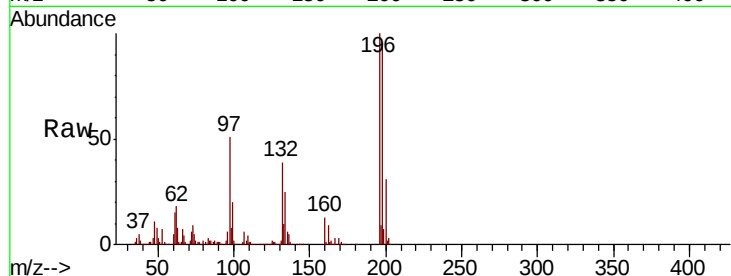
#43
 2,4,6-Trichlorophenol
 Concen: 48.179 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	390053		
198	95.2	77.0	115.6	
200	31.3	25.7	38.5	

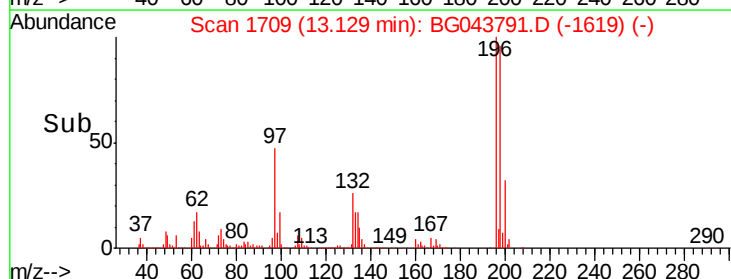
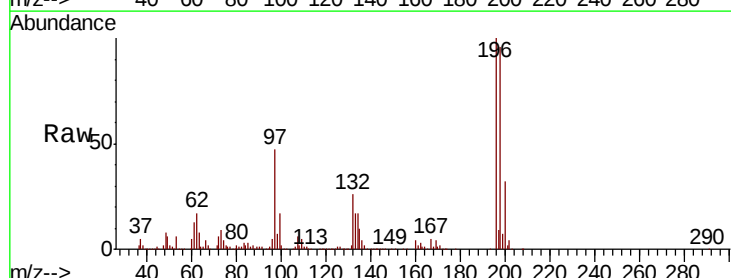
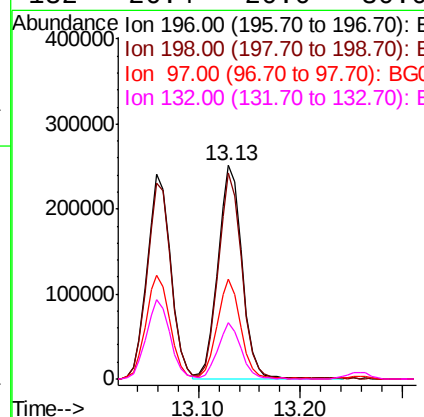
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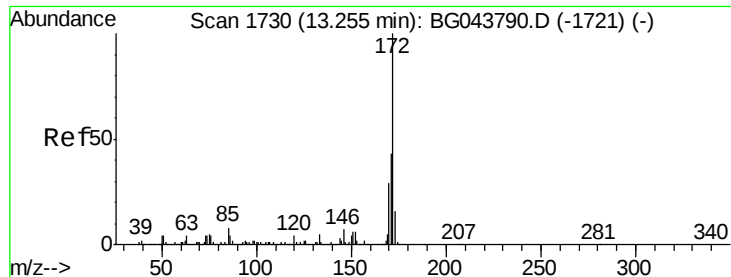
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 48.967 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	412418		
198	96.3	77.4	116.0	
97	46.7	34.7	52.1	
132	26.4	20.0	30.0	





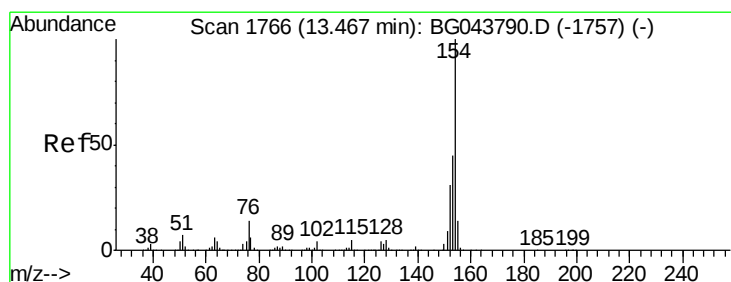
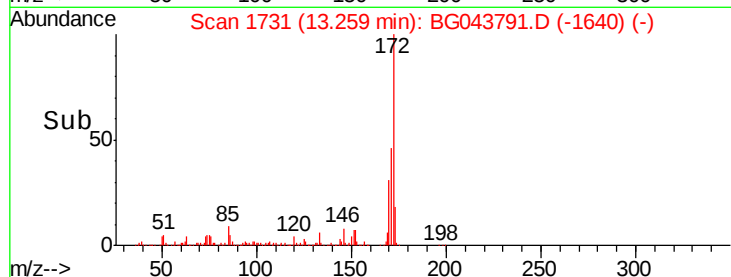
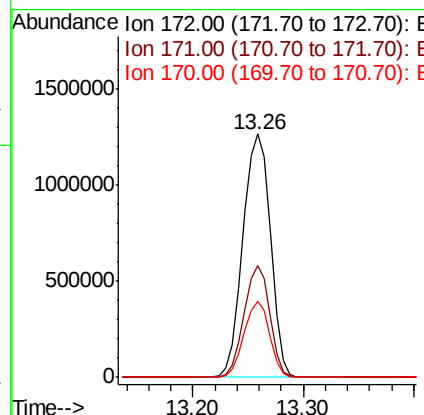
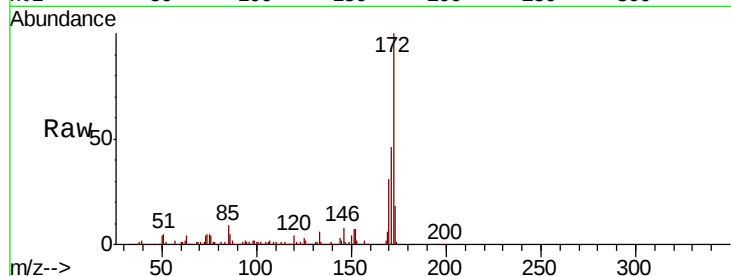
#45
2-Fluorobiphenyl
Concen: 92.254 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
172	100		
171	46.0	34.6	51.8
170	31.2	23.3	34.9

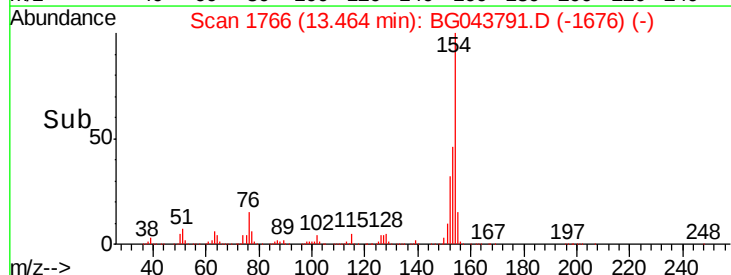
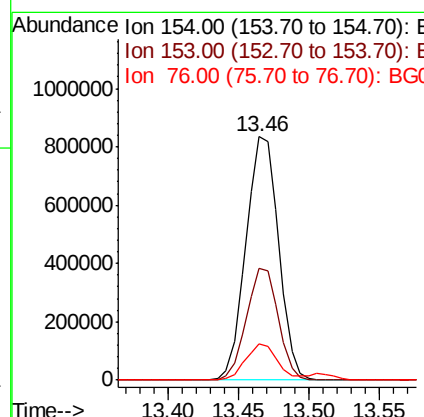
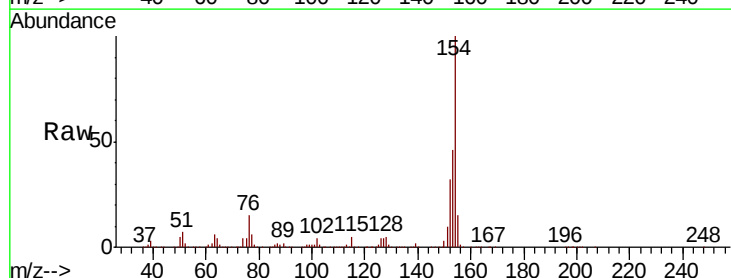
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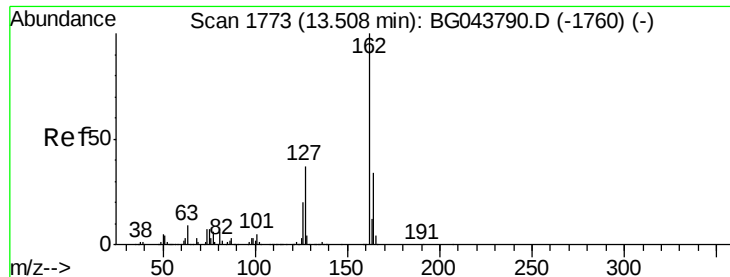
mohammad
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#46
1,1'-Biphenyl
Concen: 49.356 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.7	24.5	64.5
76	14.8	0.0	33.9





#47

2-Chloronaphthalene

Concen: 49.391 ng

RT: 13.51 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

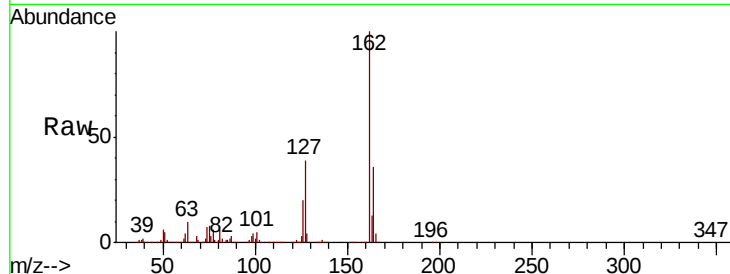
ClientSampleId :

SSTDIC050

Tot Ion:	162	Resp:	1104507
Ion	Ratio	Lower	Upper
162	100		
127	38.6	30.0	45.0
164	35.6	27.6	41.4

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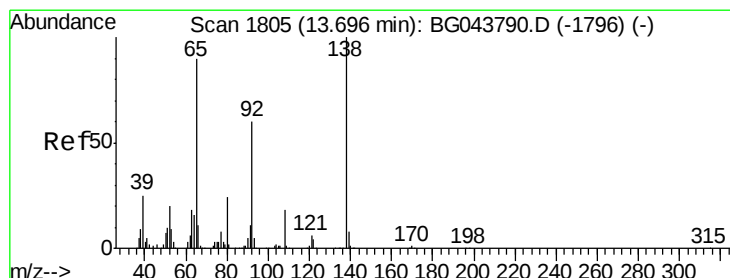
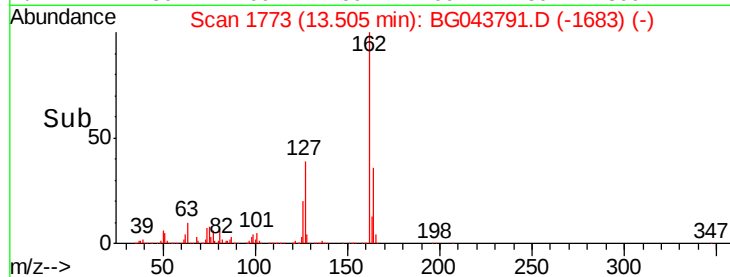
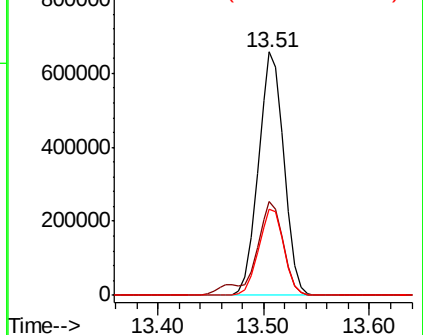


Abundance

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: 52.820 ng

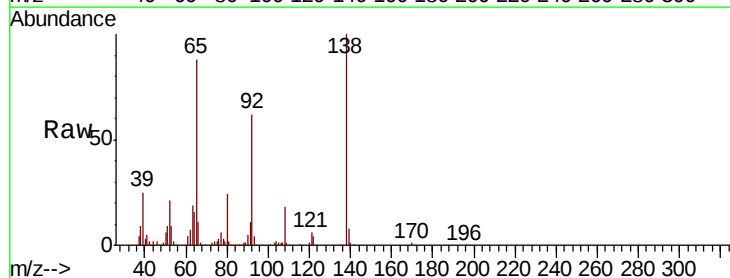
RT: 13.70 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Tgt Ion:	65	Resp:	345808
Ion	Ratio	Lower	Upper
65	100		
92	70.5	53.7	80.5
138	114.0	88.8	133.2

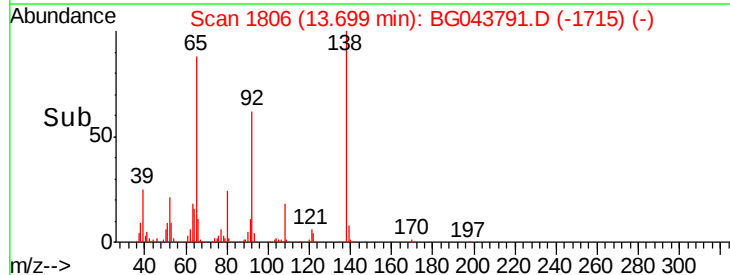
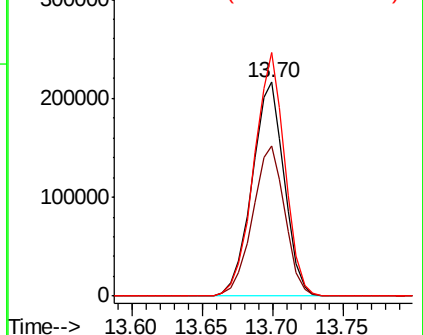


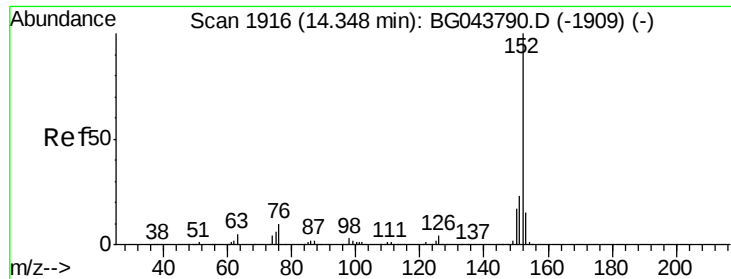
Abundance

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: 46.589 ng

RT: 14.35 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tot Ion:152 Resp: 1639179

Ion Ratio Lower Upper

152 100

151 24.9 18.5 27.7

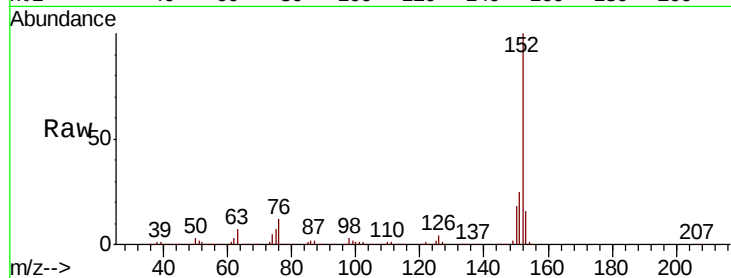
153 15.7 11.8 17.8

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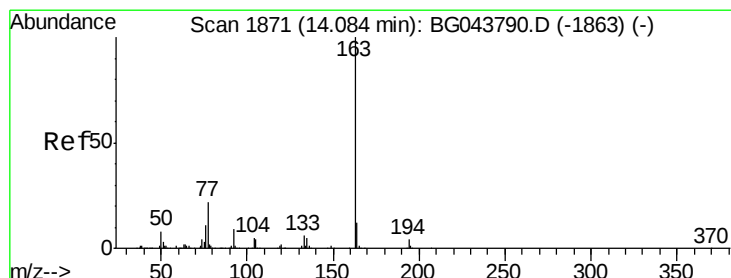
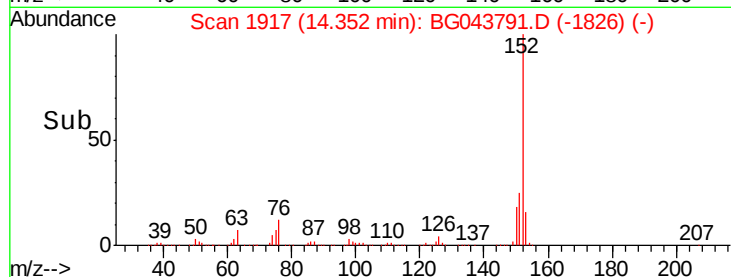
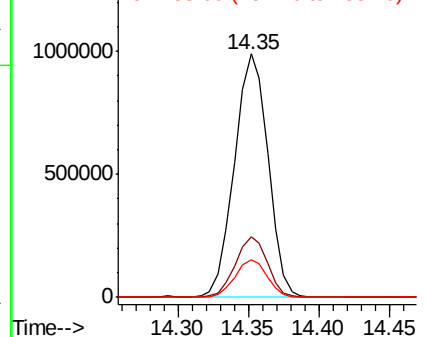
12/10/2019 11:51:01 AM



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: 44.931 ng

RT: 14.09 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

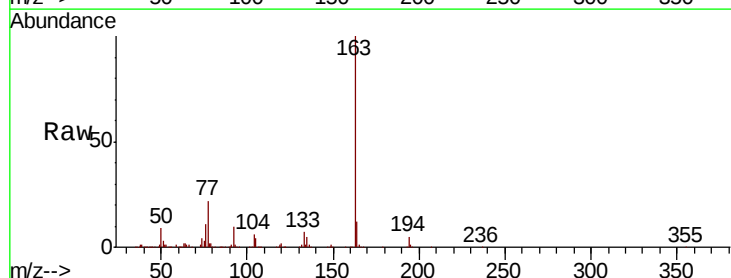
Tgt Ion:163 Resp: 1408070

Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

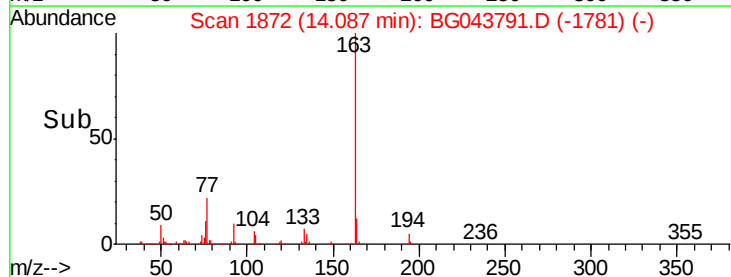
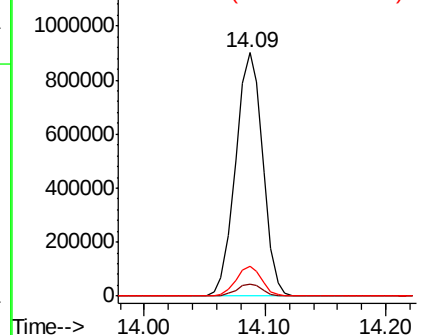
164 12.1 9.4 14.0

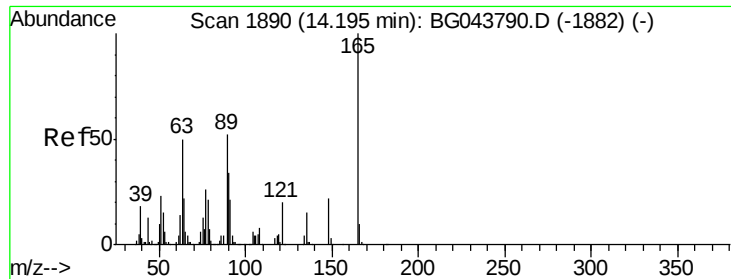


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 53.694 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampleId :

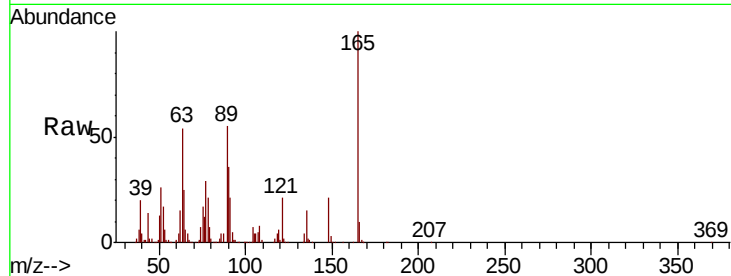
SSTDICC050

Tot Ion:165 Resp: 312483
Ion Ratio Lower Upper

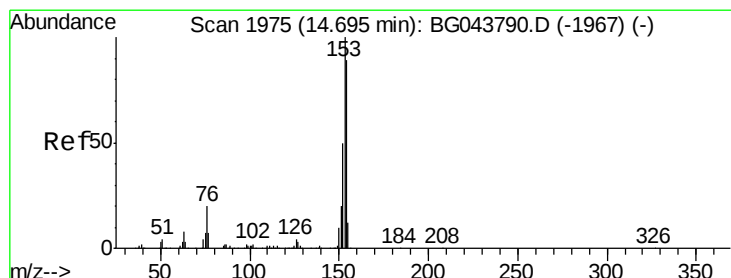
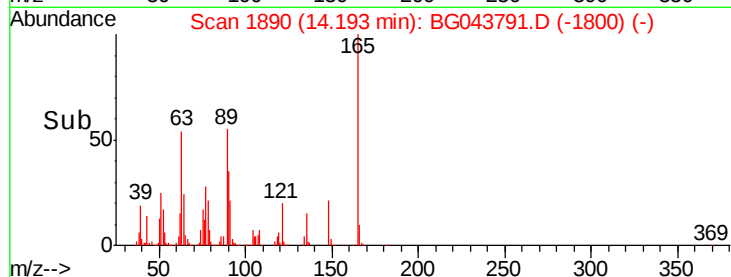
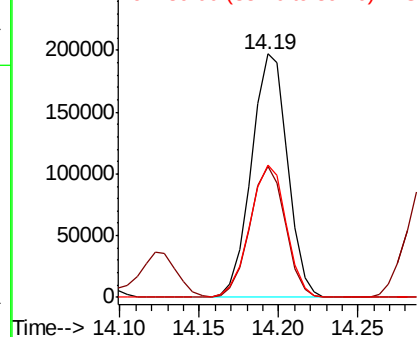
165	100		
63	54.0	40.3	60.5
89	54.6	41.8	62.8

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 48.332 ng

RT: 14.70 min Scan# 1976

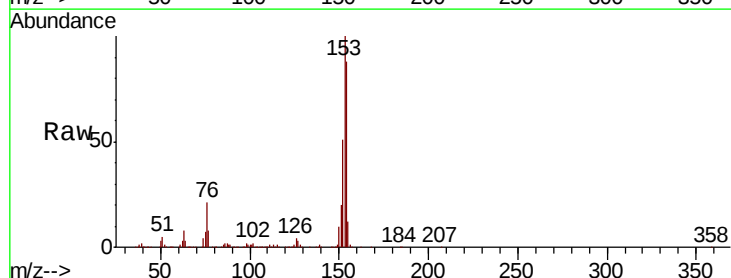
Delta R.T. 0.00 min

Lab File: BG043791.D

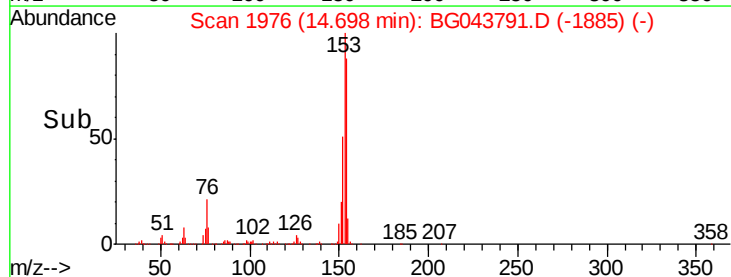
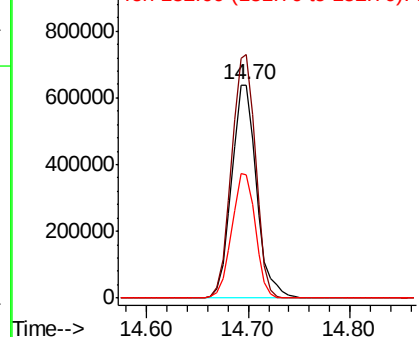
Acq: 9 Dec 2019 14:47

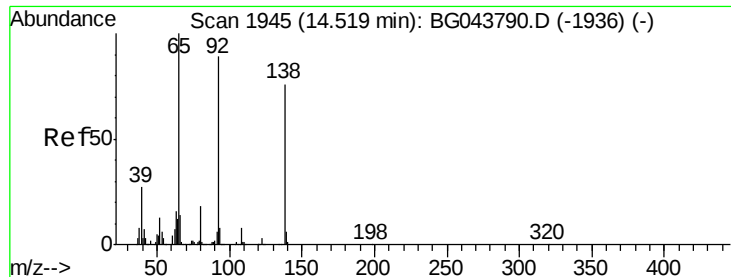
Tgt Ion:154 Resp: 1087474
Ion Ratio Lower Upper

154	100		
153	114.2	89.5	134.3
152	58.1	45.0	67.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





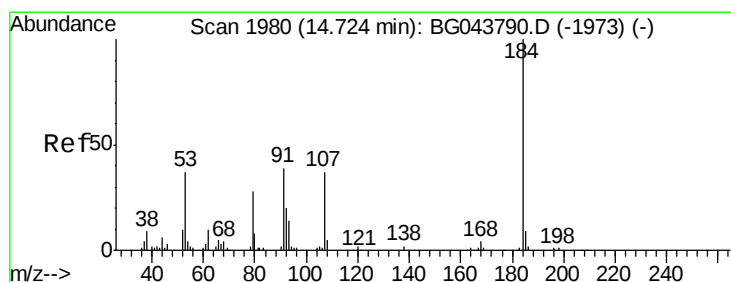
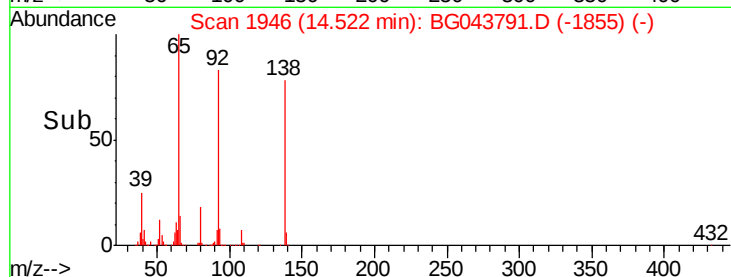
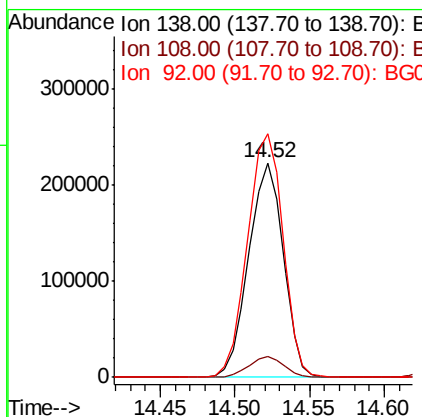
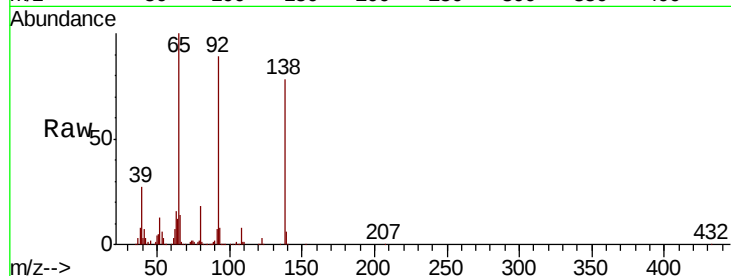
#53
3-Nitroaniline
Concen: 52.771 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.1	12.1
92	113.6	94.6	141.8

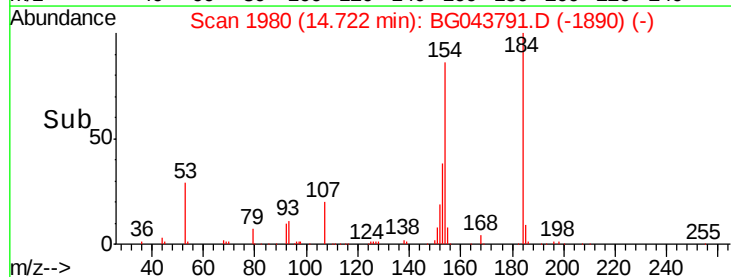
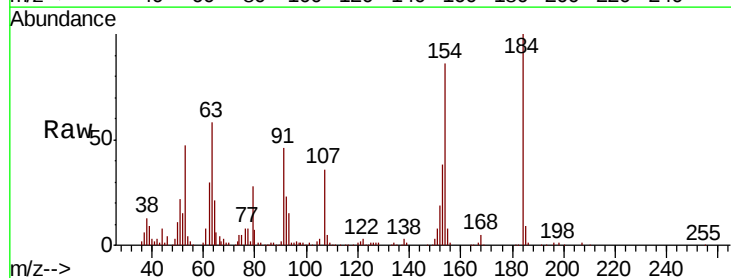
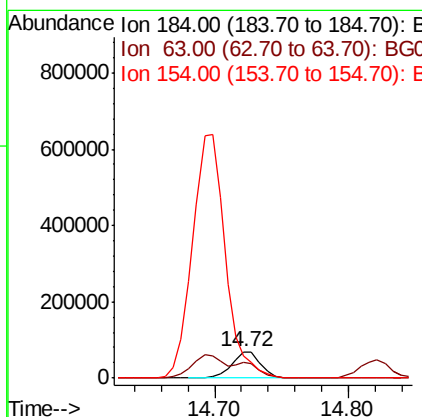
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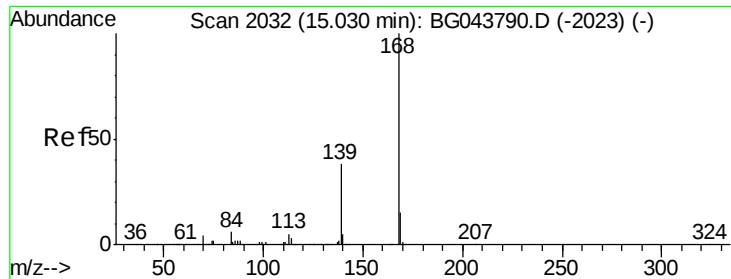
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#54
2,4-Dinitrophenol
Concen: 44.216 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.0	43.4	65.0
154	85.8	54.8	82.2#





#55

Dibenzofuran

Concen: 45.594 ng

RT: 15.03 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

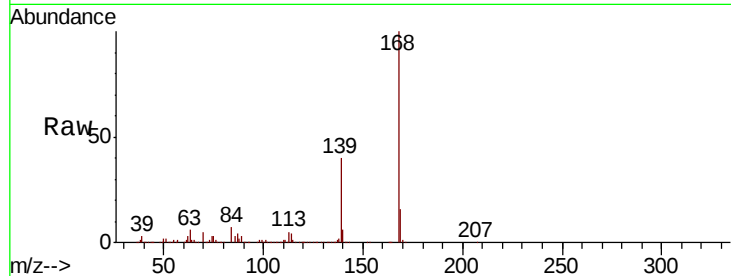
ClientSampleId :

SSTDIC050

Tot Ion:	168	Resp:	1598179
Ion	Ratio	Lower	Upper
168	100		
139	40.1	30.4	45.6
169	16.4	12.0	18.0

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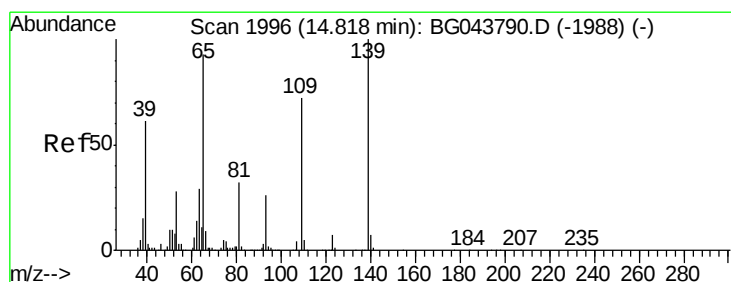
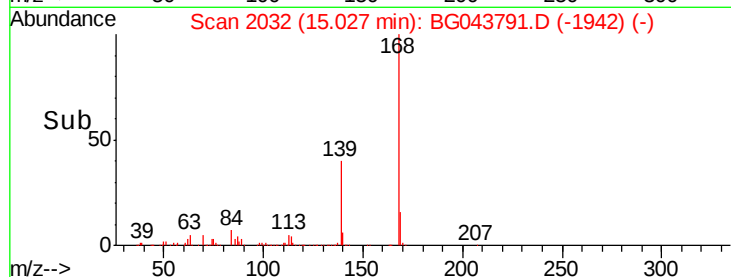
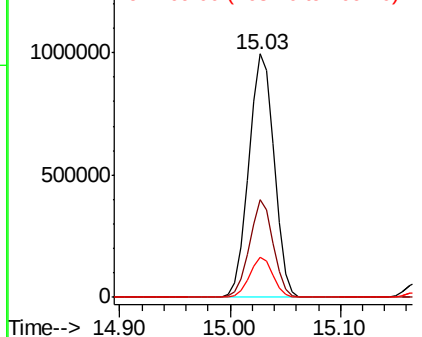


Abundance

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: 46.806 ng

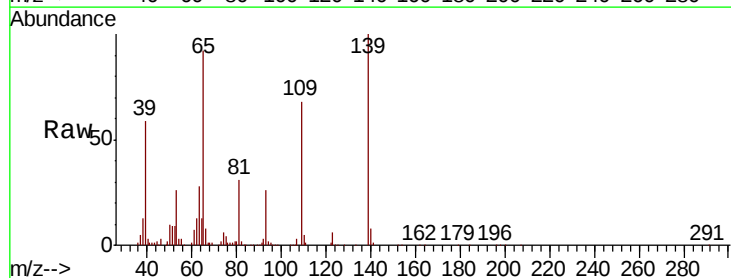
RT: 14.82 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Tgt Ion:	139	Resp:	267998
Ion	Ratio	Lower	Upper
139	100		
109	67.9	51.5	91.5
65	92.4	73.7	113.7

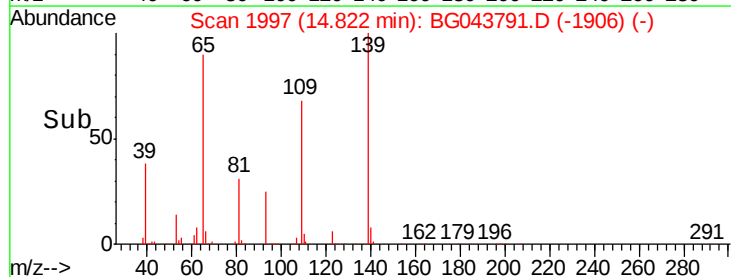
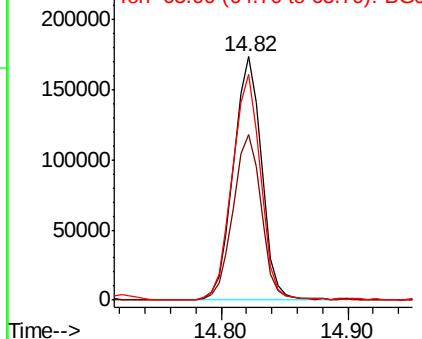


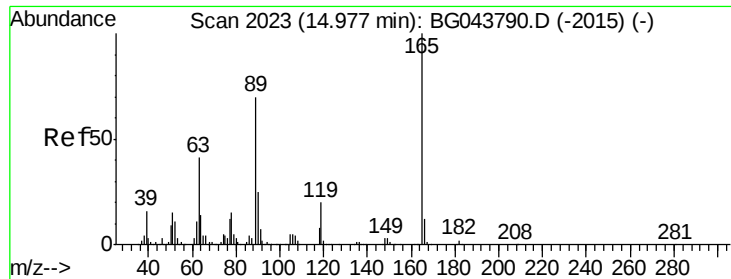
Abundance

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): E





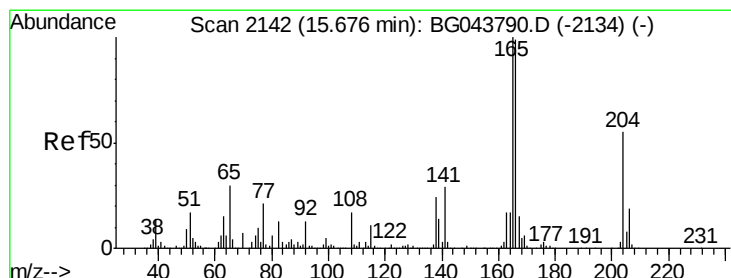
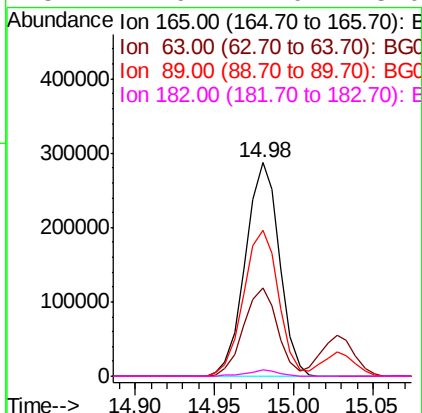
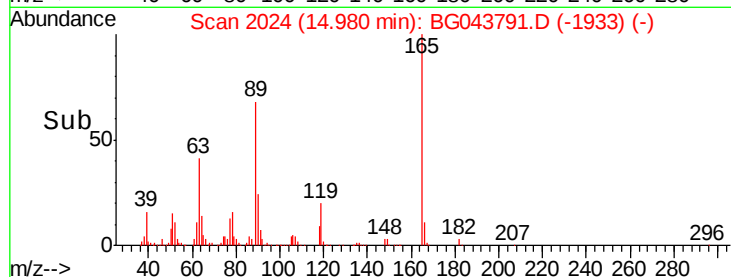
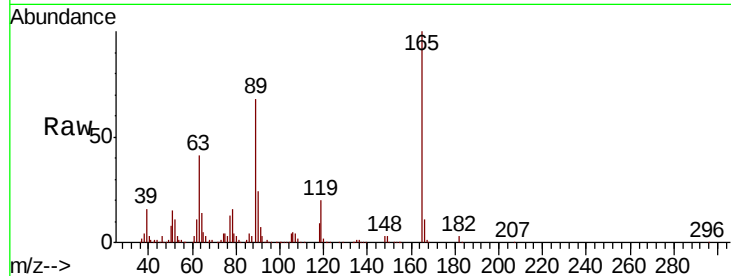
#57
2,4-Dinitrotoluene
Concen: 53.093 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.2	32.7	49.1	
89	68.3	56.1	84.1	
182	2.9	2.0	3.0	

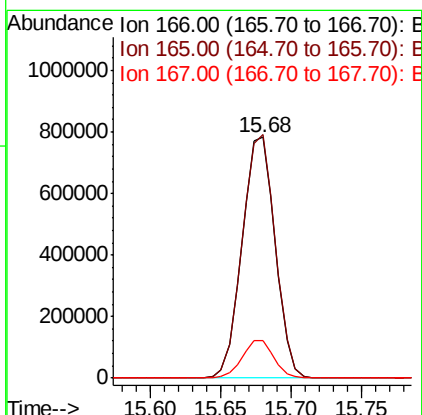
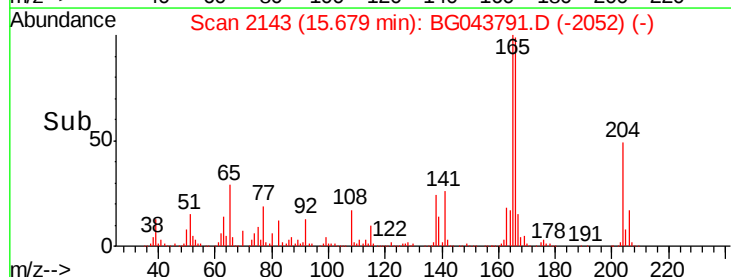
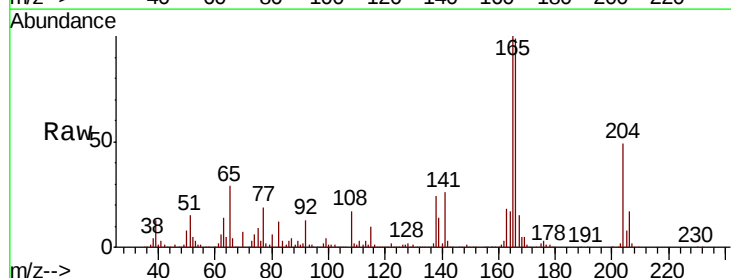
Manual Integrations
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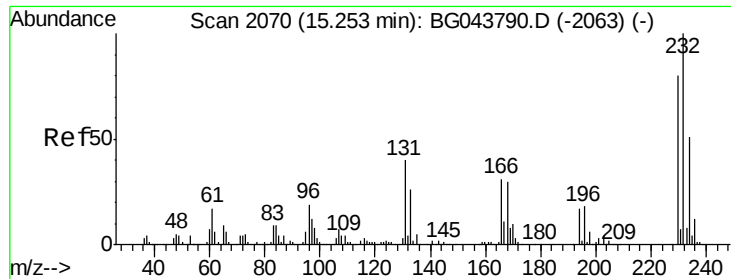
mohammad
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#58
Fluorene
Concen: 44.751 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.2	80.5	120.7	
167	15.6	12.1	18.1	





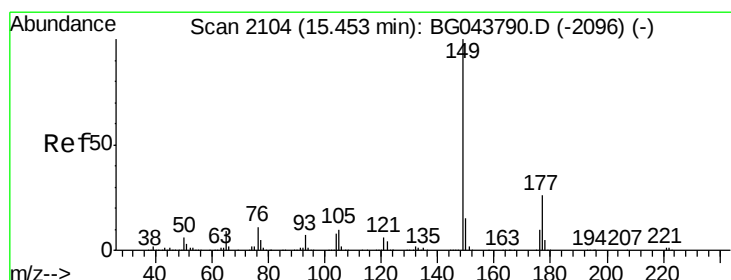
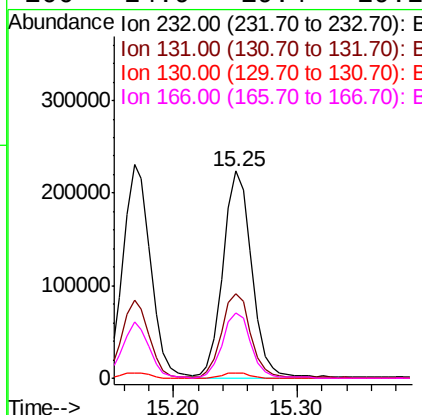
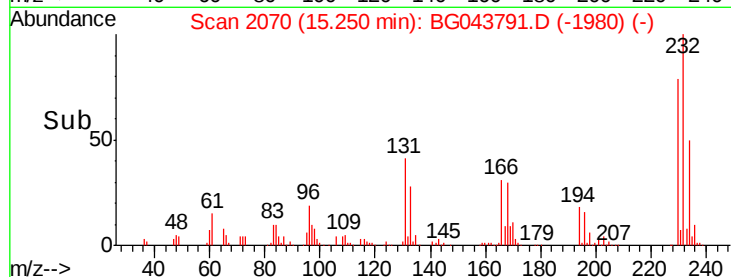
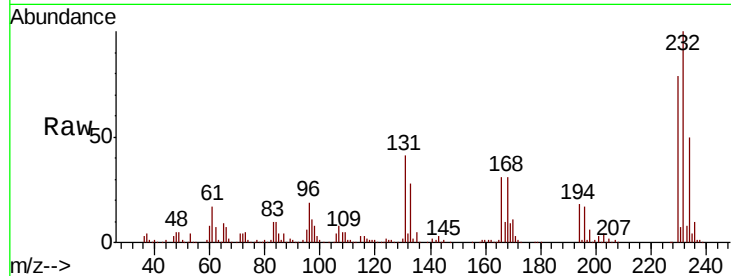
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.357 ng
RT: 15.25 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
232	100	366771		
131	35.5		27.9	41.9
130	2.4		1.8	2.8
166	24.9		19.4	29.2

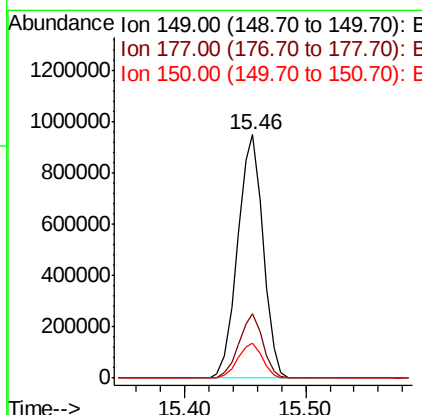
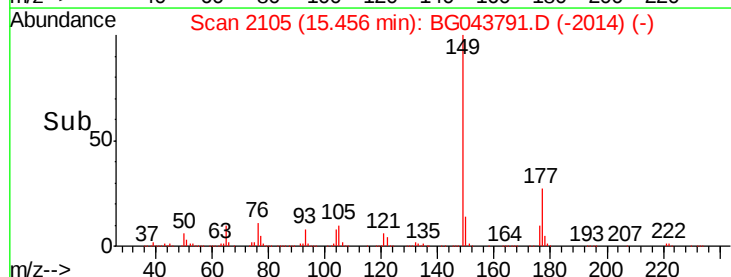
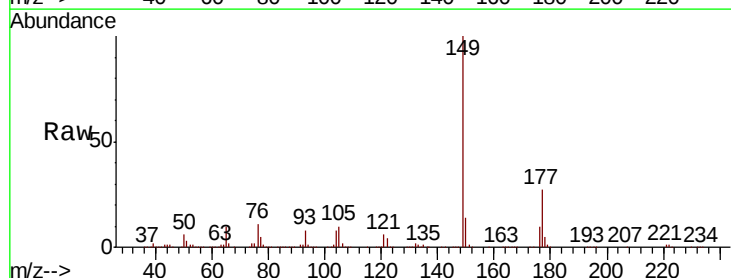
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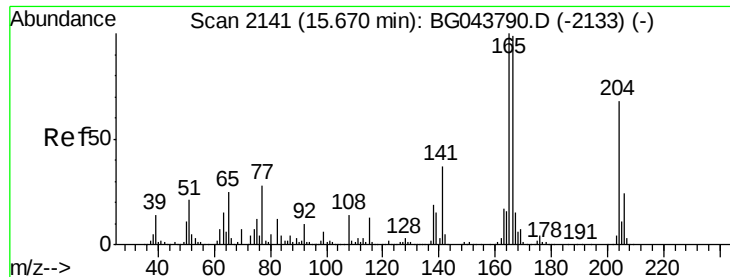
mohammad
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#60
Diethylphthalate
Concen: 42.344 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1393308		
177	26.6		20.4	30.6
150	14.4		11.6	17.4





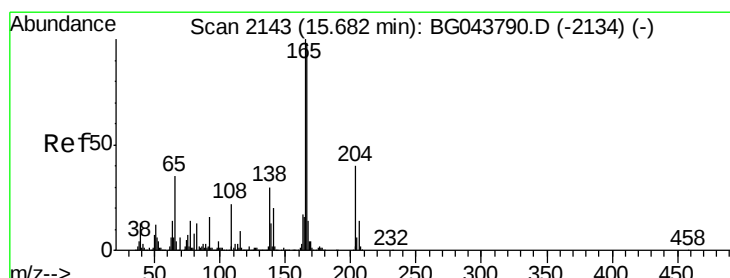
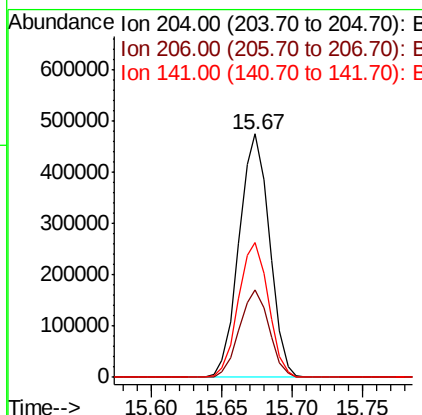
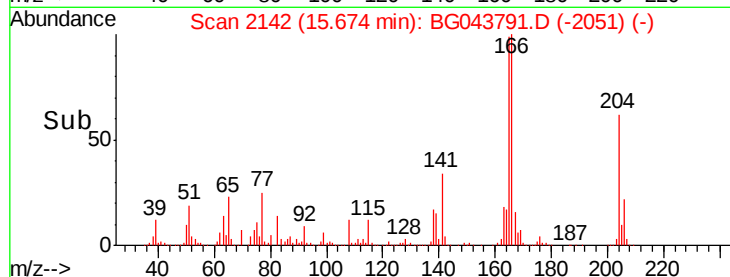
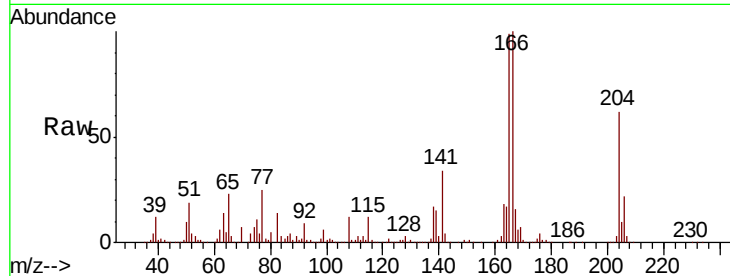
#61
4-Chlorophenyl-phenylether
Concen: 45.244 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.8	28.1	42.1
141	55.4	44.1	66.1

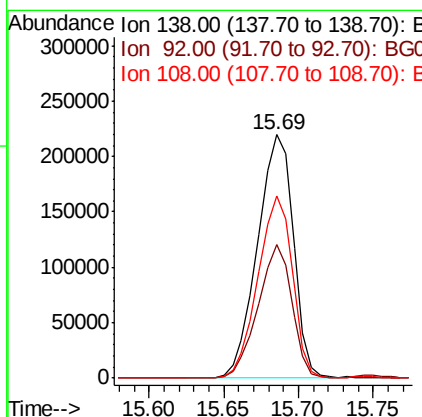
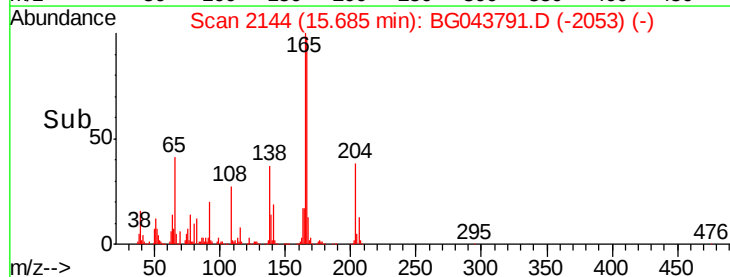
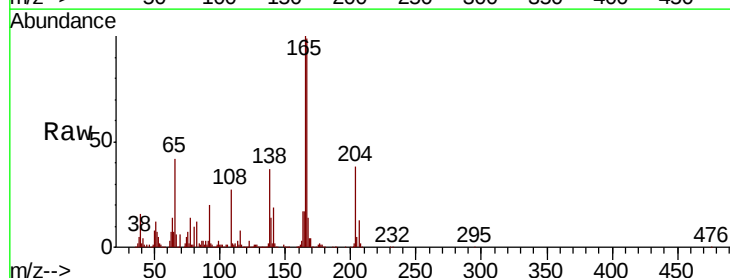
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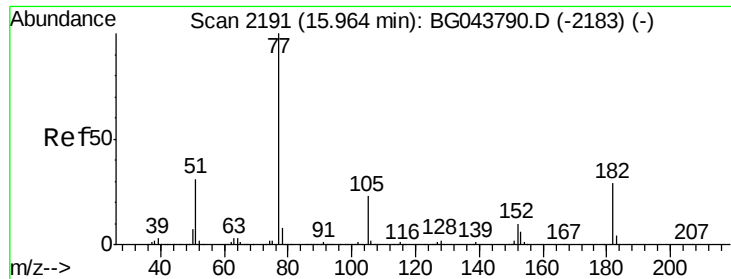
mohammad
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#62
4-Nitroaniline
Concen: 46.704 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.9	31.5	71.5
108	74.6	53.1	93.1





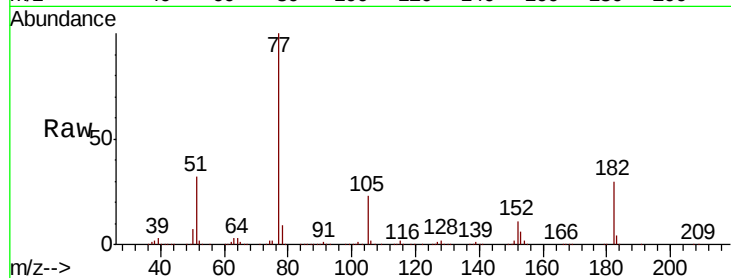
#63
Azobenzene
Concen: 43.389 ng
RT: 15.97 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.3	9.0	49.0	
105	23.1	2.9	42.9	
51	32.2	10.6	50.6	

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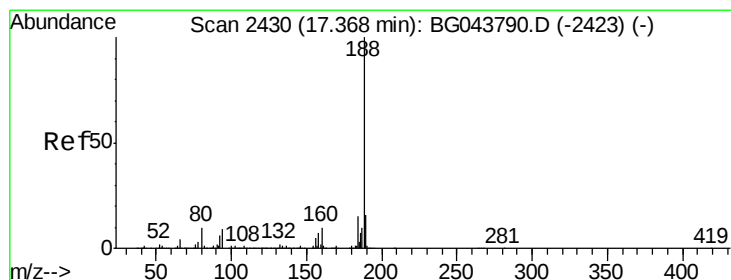
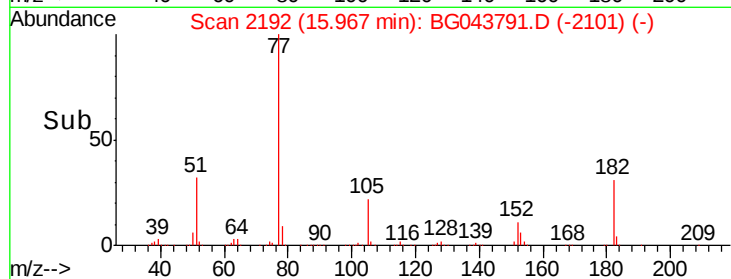
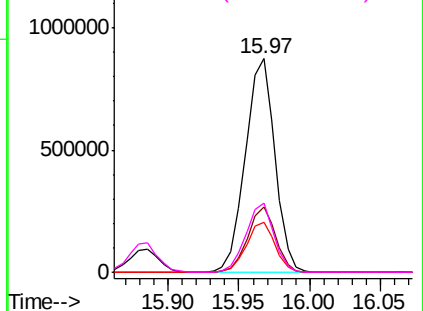
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

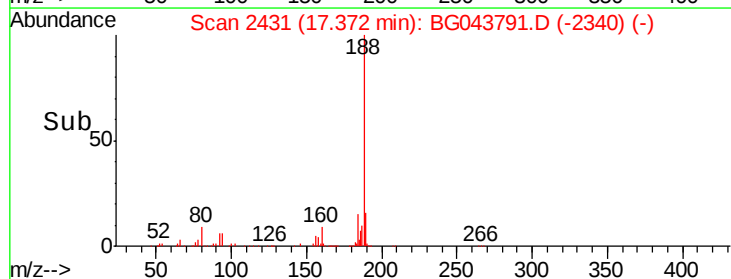
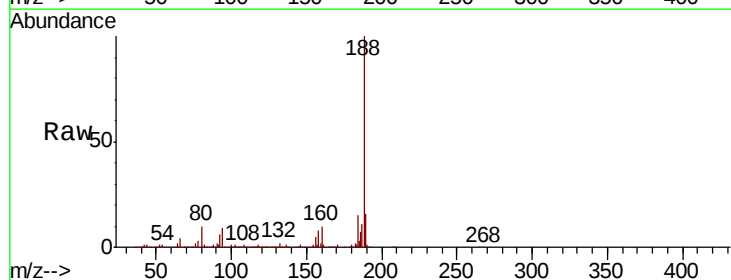
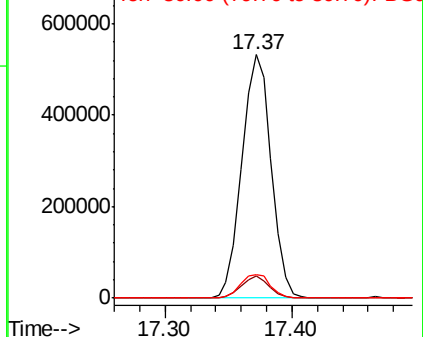
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	6.9	10.3	
80	9.5	7.8	11.8	

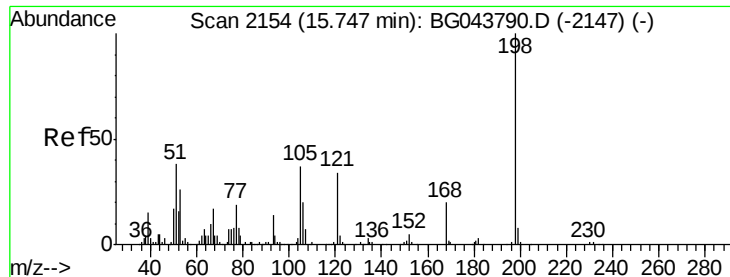
Abundance

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: 53.984 ng

RT: 15.74 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tot Ion:198 Resp: 155636

Ion Ratio Lower Upper

198 100

51 42.1 18.9 58.9

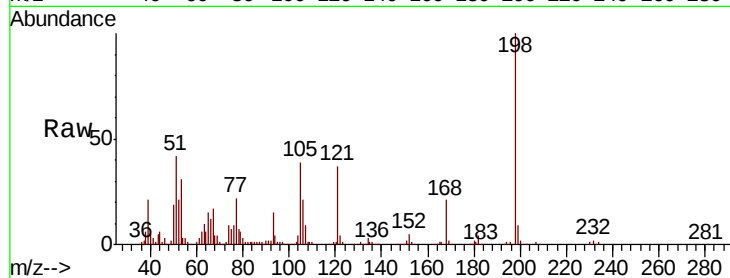
105 39.5 18.1 58.1

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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

200000

150000

100000

50000

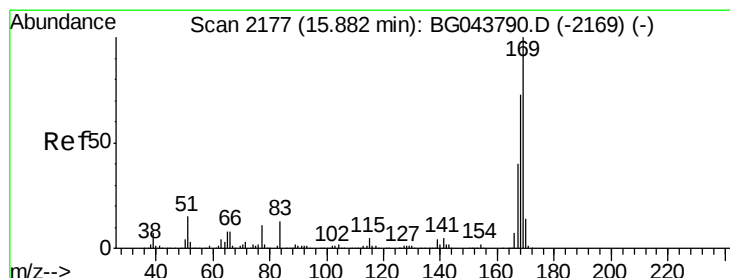
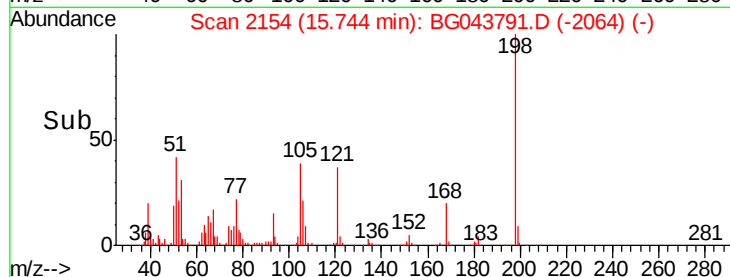
0

15.74

15.70

15.80

Time-->



#66

n-Nitrosodiphenylamine

Concen: 52.632 ng

RT: 15.89 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

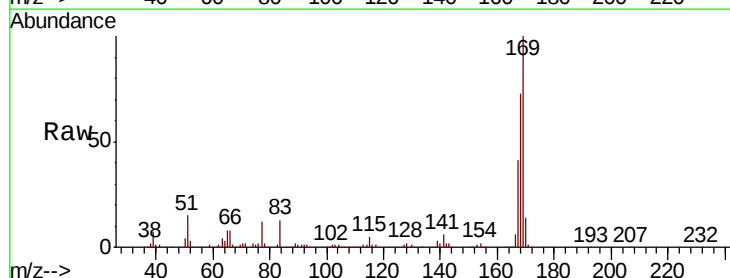
Tgt Ion:169 Resp: 1183944

Ion Ratio Lower Upper

169 100

168 72.5 58.5 87.7

167 41.0 32.1 48.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

1000000

800000

600000

400000

200000

0

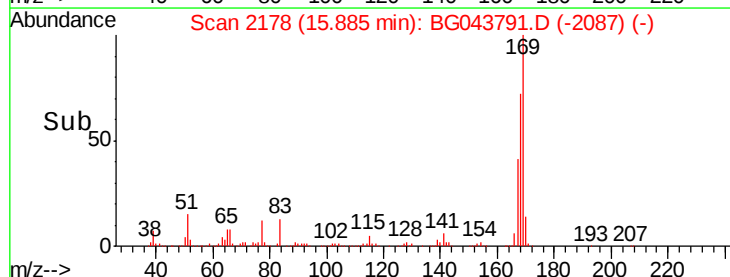
15.89

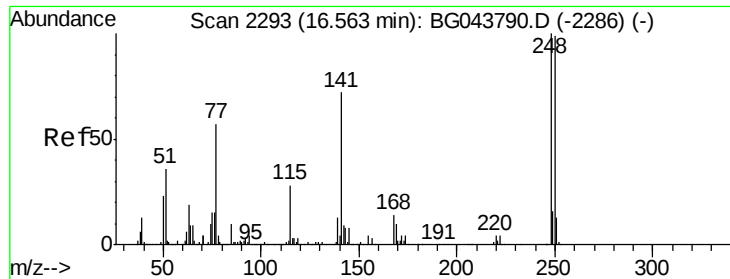
15.80

15.90

16.00

Time-->





#67

4-Bromophenyl-phenylether

Concen: 50.938 ng

RT: 16.57 min Scan# 2294

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

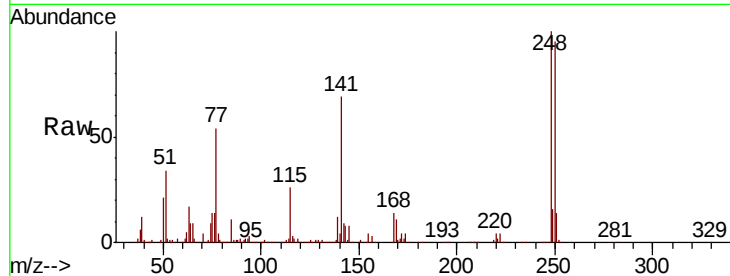
ClientSampleId :

SSTDIC050

Tot Ion:	248	Resp:	456387
Ion	Ratio	Lower	Upper
248	100		
250	94.5	79.0	118.6
141	69.1	57.8	86.6

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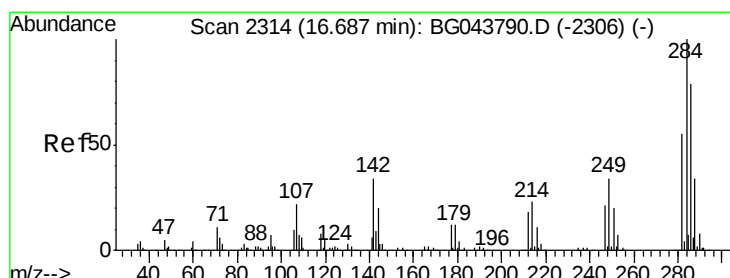
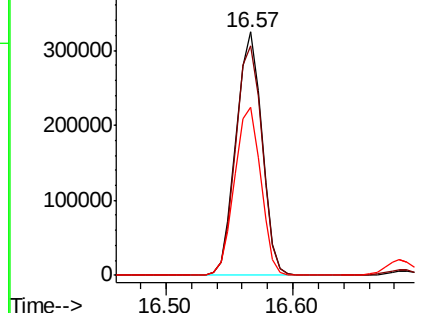
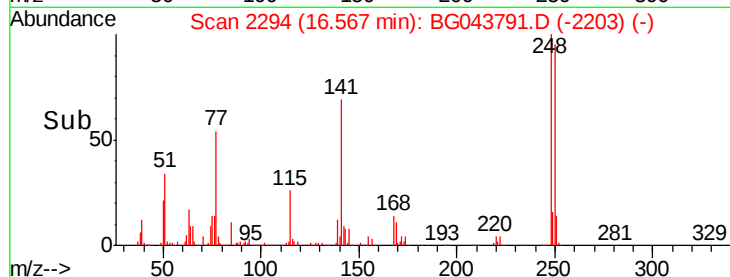


Abundance

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: 49.279 ng

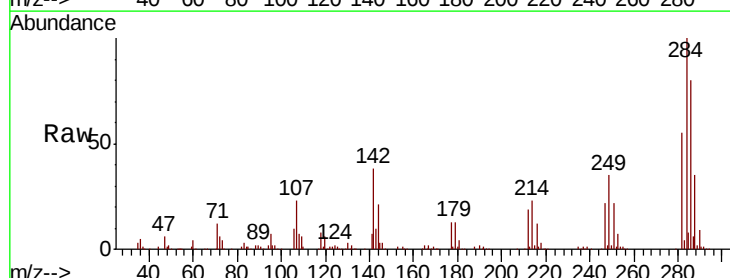
RT: 16.68 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Tgt Ion:	284	Resp:	482680
Ion	Ratio	Lower	Upper
284	100		
142	37.8	27.0	40.6
249	34.9	27.2	40.8

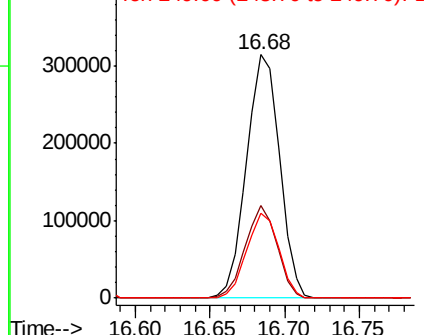
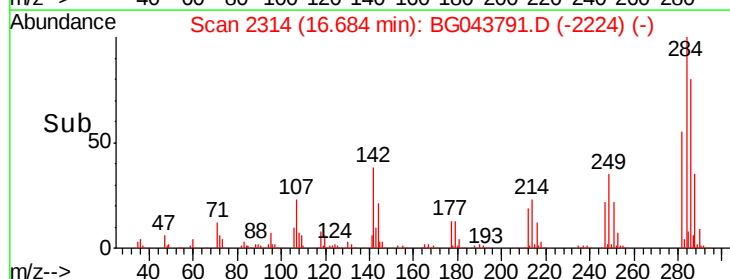


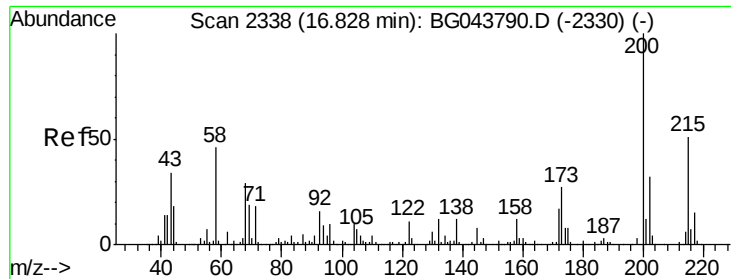
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





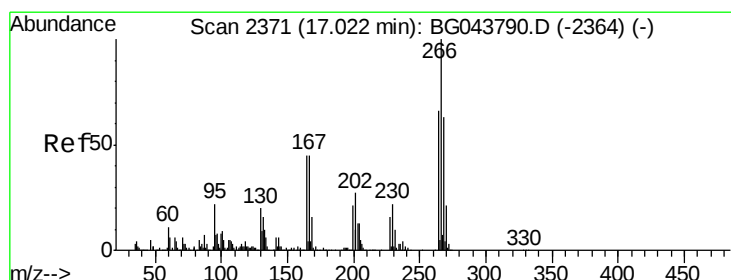
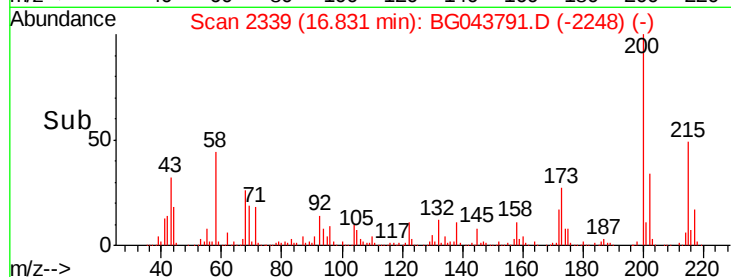
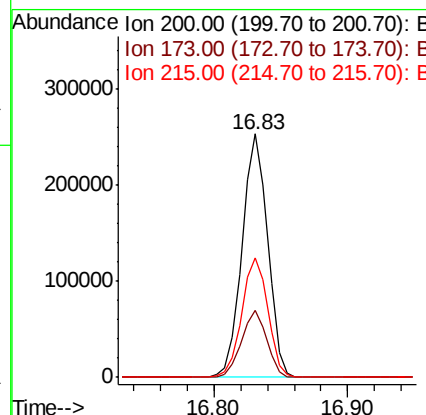
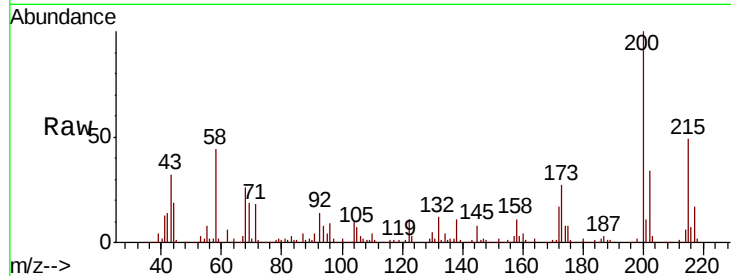
#69
 Atrazine
 Concen: 37.338 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. 0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.4	47.4
215	49.1	30.5	70.5

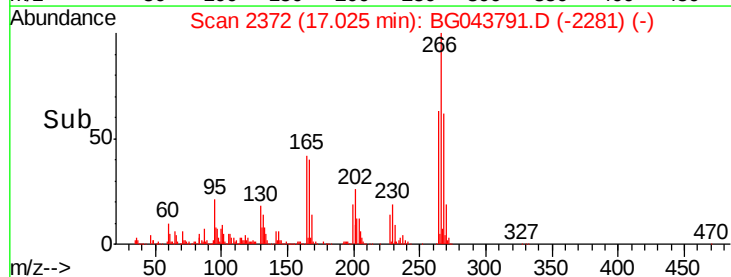
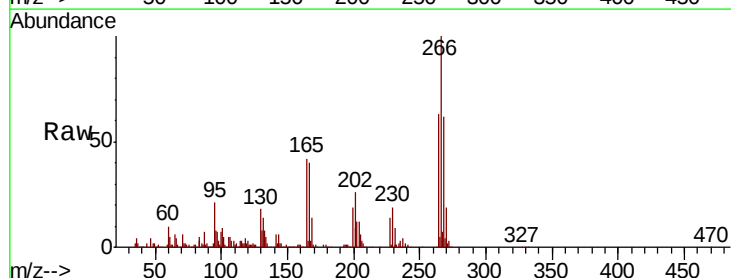
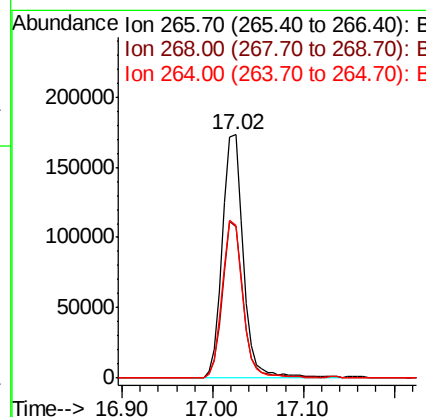
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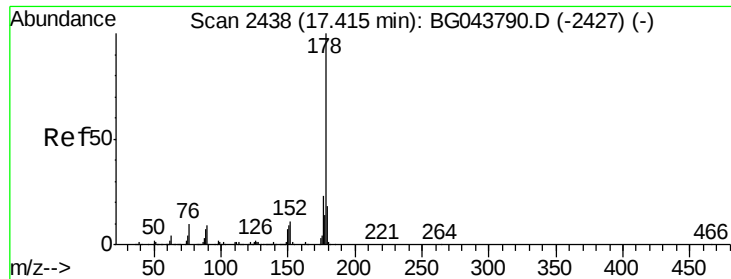
mohammad
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#70
 Pentachlorophenol
 Concen: 46.478 ng
 RT: 17.02 min Scan# 2372
 Delta R.T. 0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.0	50.8	76.2
264	62.7	53.0	79.4





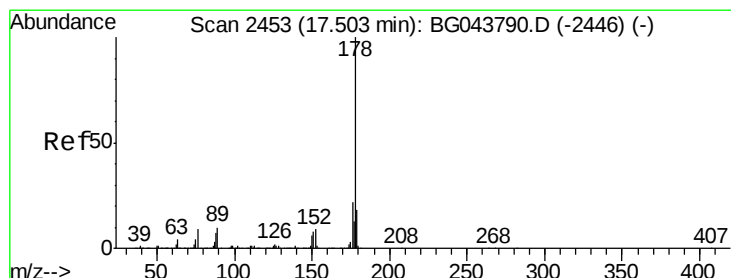
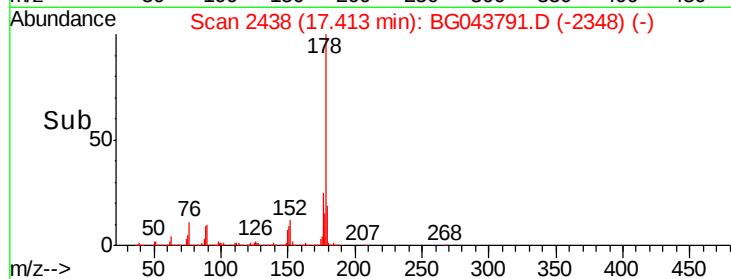
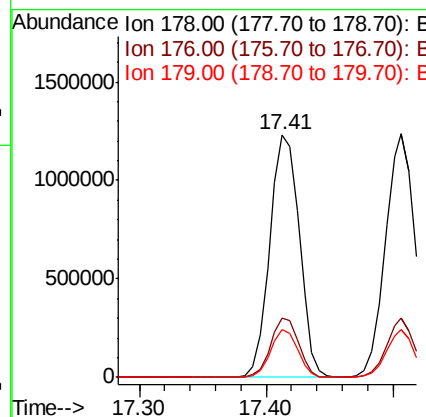
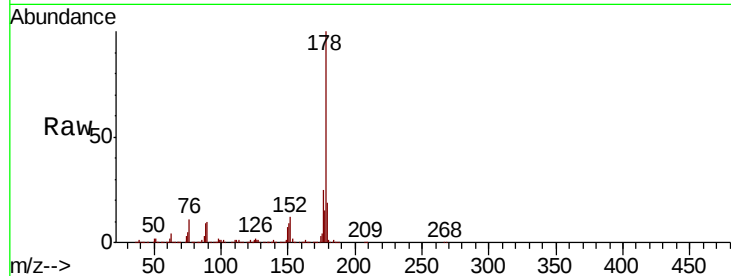
#71
Phenanthrene
Concen: 47.507 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
178	100		
176	24.6	18.6	27.8
179	19.4	14.7	22.1

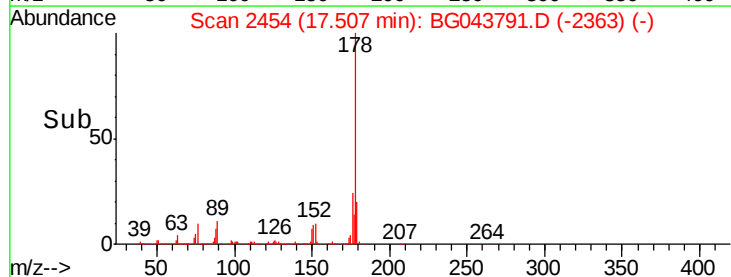
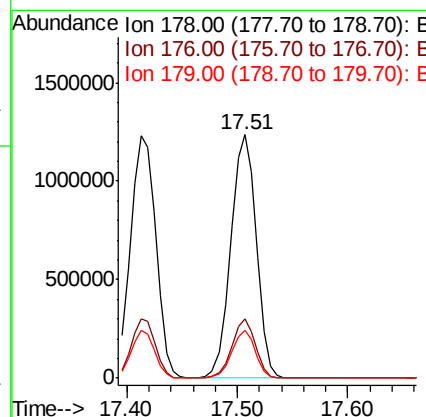
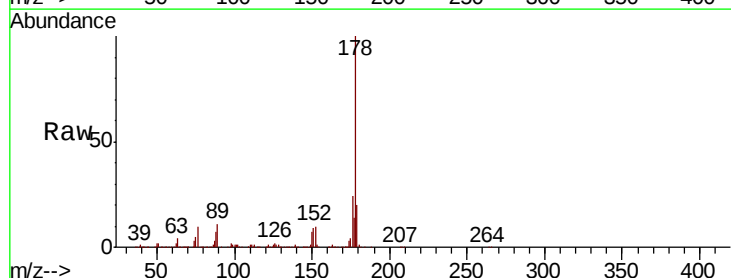
Manual Integrations
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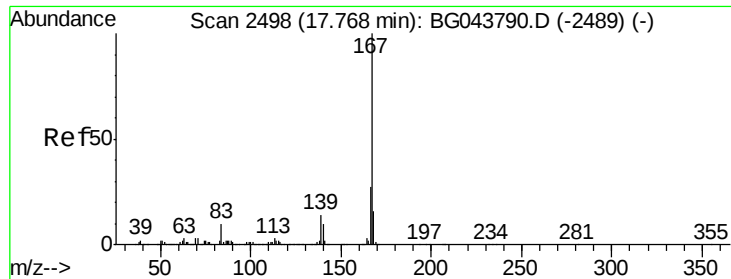
mohammad
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#72
Anthracene
Concen: 46.939 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	24.2	17.7	26.5
179	19.9	14.5	21.7





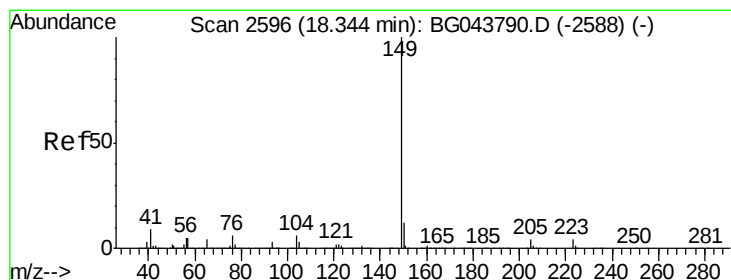
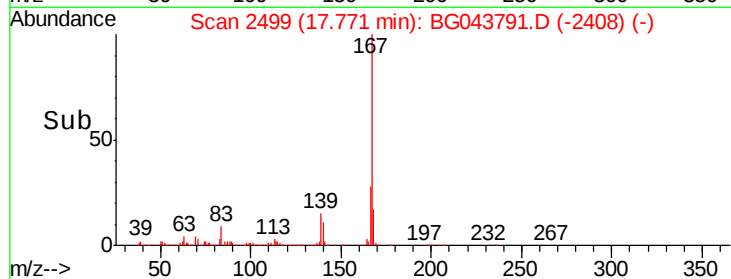
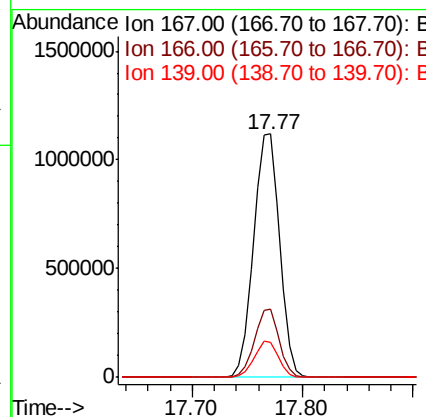
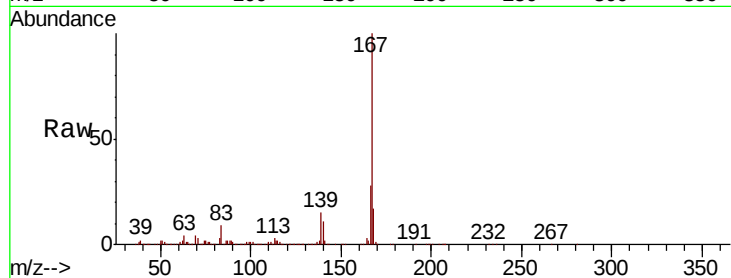
#73
 Carbazole
 Concen: 44.135 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
167	100		
166	28.0	21.4	32.2
139	14.6	11.0	16.4

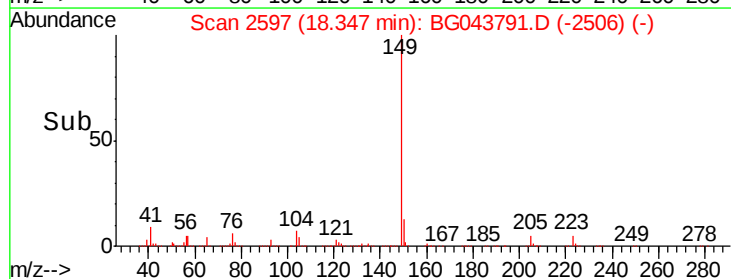
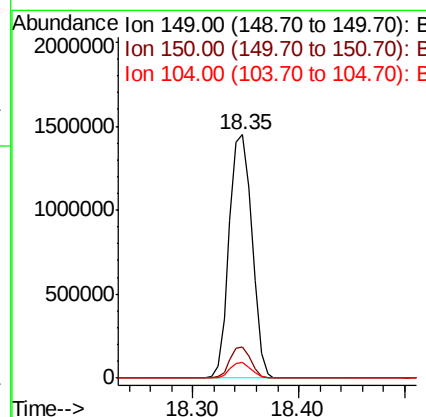
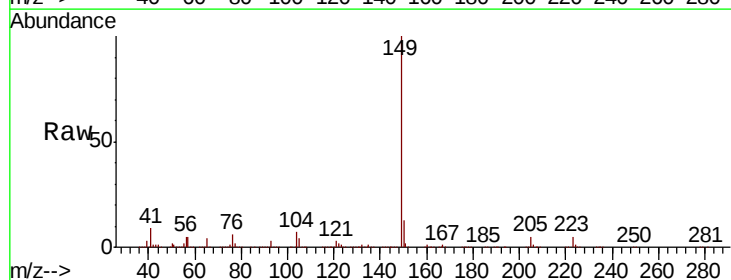
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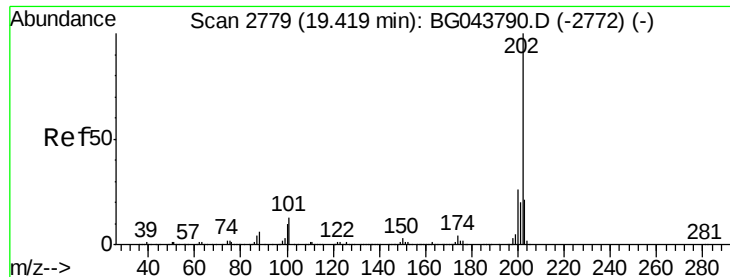
mohammad
 12/10/2019 11:51:01 AM



#74
 Di-n-butylphthalate
 Concen: 40.287 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.7	9.4	14.0
104	6.6	4.8	7.2





#75

Fluoranthene

Concen: 37.892 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tot Ion:202 Resp: 2285004

Ion Ratio Lower Upper

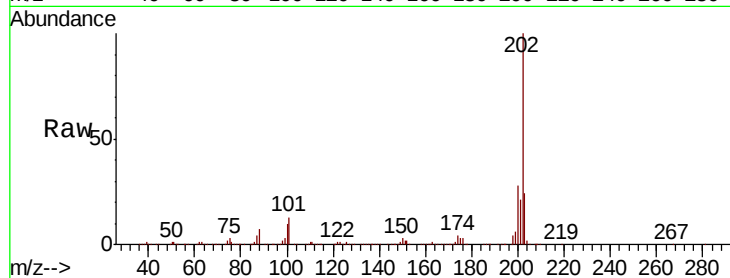
202 100

101 12.9 0.0 32.7

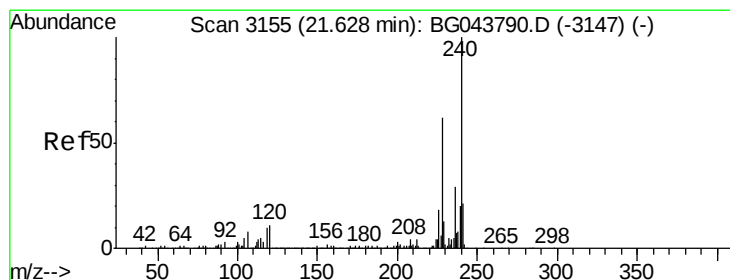
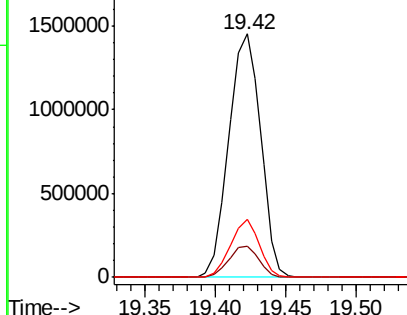
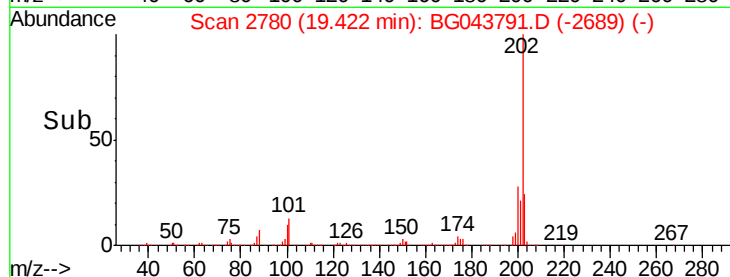
203 23.6 1.0 41.0

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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: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

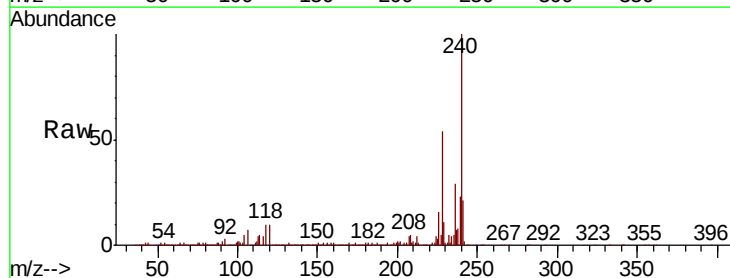
Tgt Ion:240 Resp: 711538

Ion Ratio Lower Upper

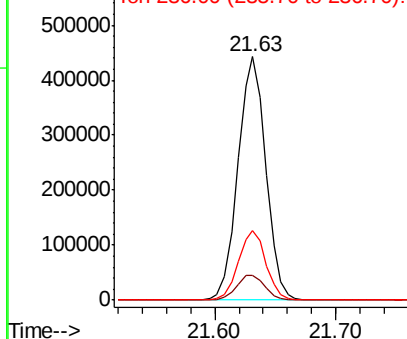
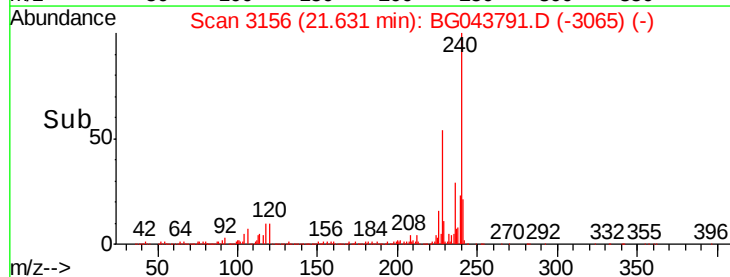
240 100

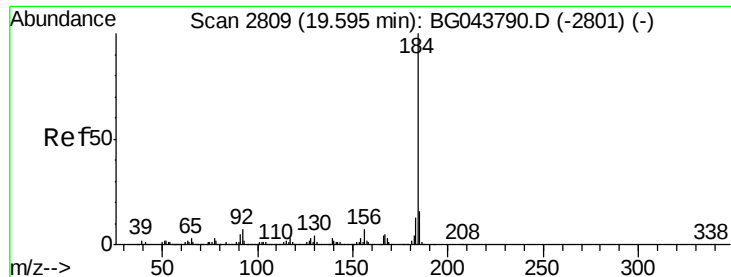
120 10.4 8.6 12.8

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





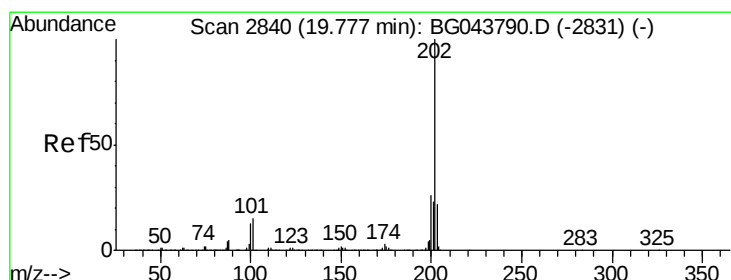
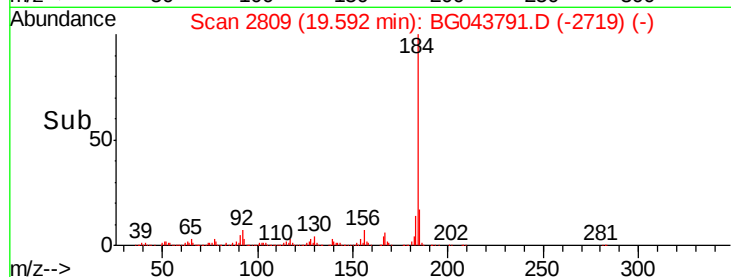
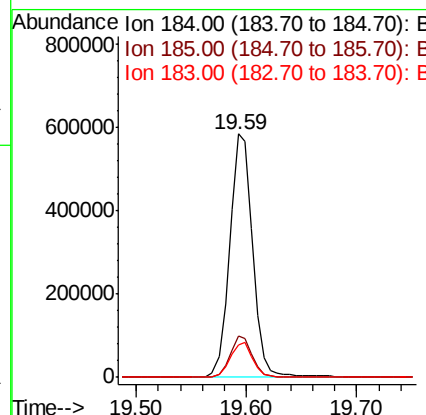
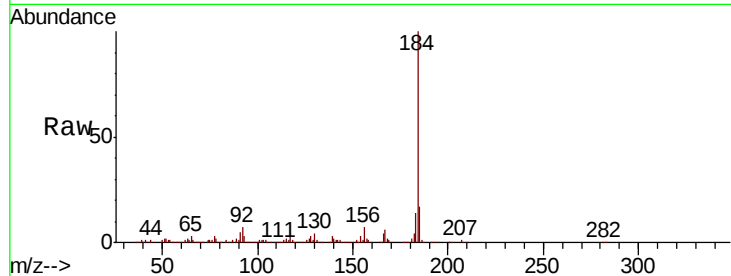
#77
Benzidine
Concen: 40.895 ng
RT: 19.59 min Scan# 2809
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
184	100		
185	17.0	12.9	19.3
183	13.5	10.3	15.5

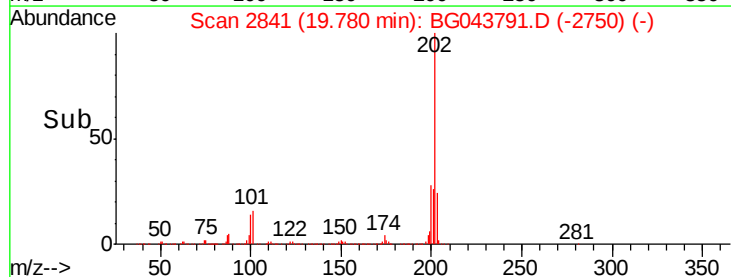
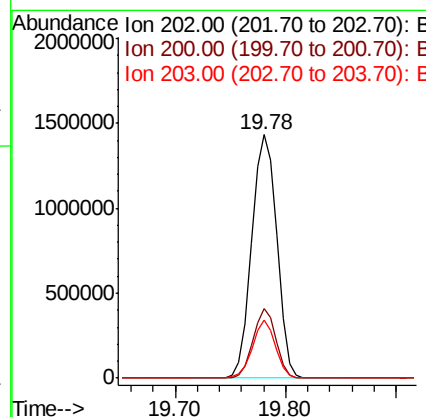
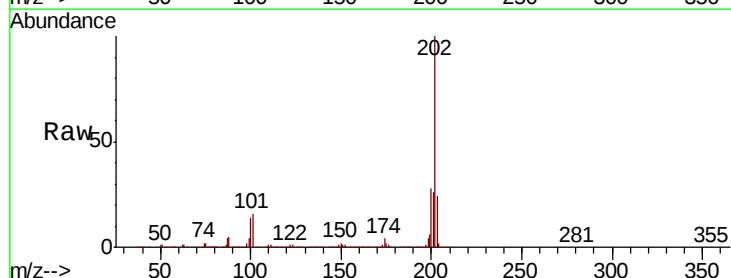
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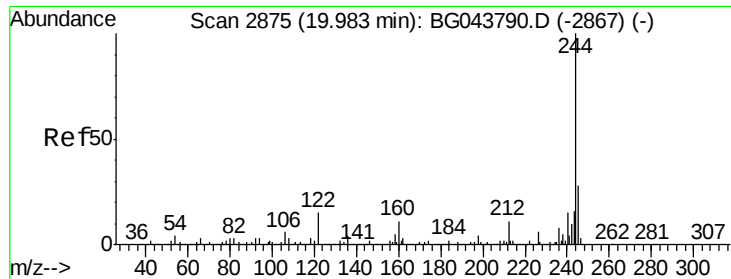
mohammad
12/10/2019 11:51:01 AM



#78
Pyrene
Concen: 49.883 ng
RT: 19.78 min Scan# 2841
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
202	100		
200	28.4	20.8	31.2
203	23.7	17.7	26.5





#79

Terphenyl-d14

Concen: 91.718 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tot Ion:244 Resp: 2888102

Ion Ratio Lower Upper

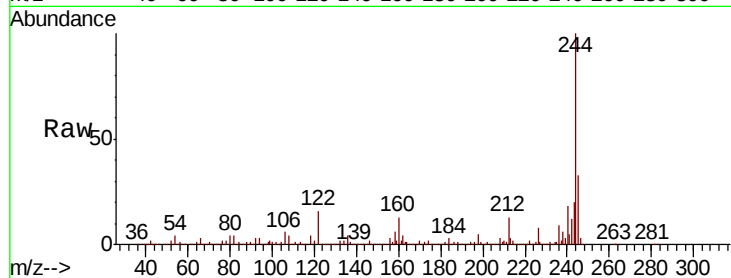
244 100

212 13.4 9.1 13.7

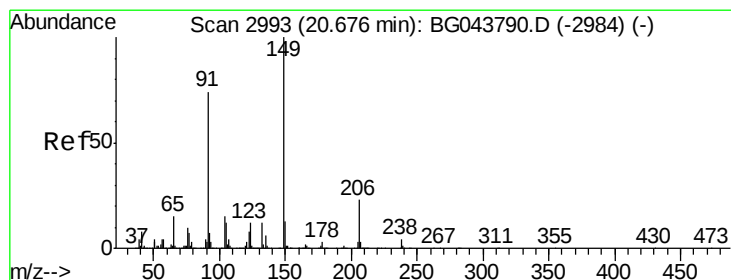
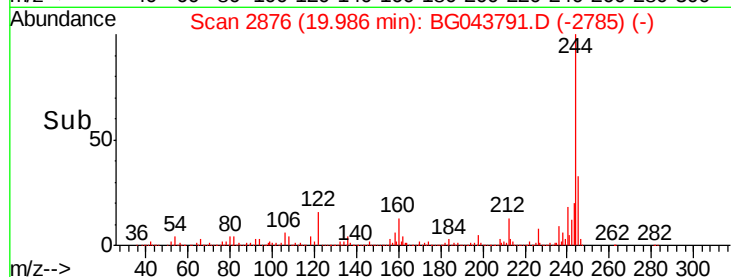
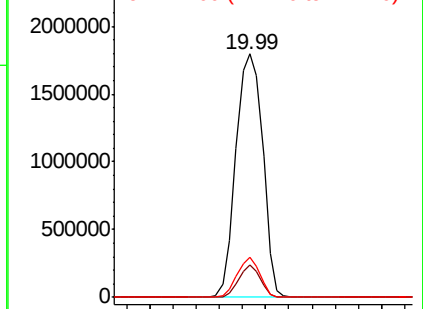
122 16.2 11.6 17.4

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



#80

Butylbenzylphthalate

Concen: 48.853 ng

RT: 20.68 min Scan# 2994

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

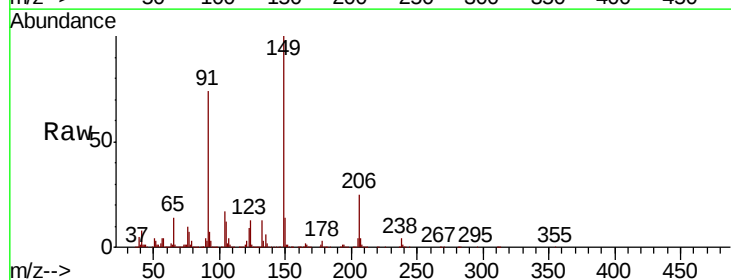
Tgt Ion:149 Resp: 1021972

Ion Ratio Lower Upper

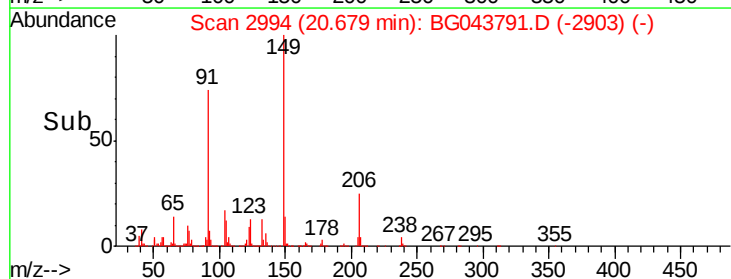
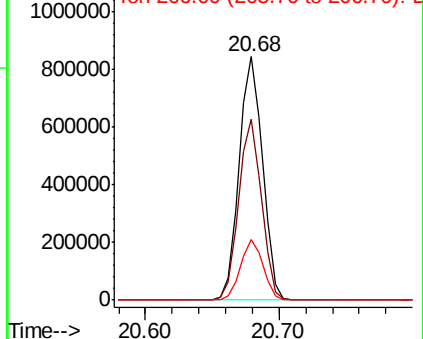
149 100

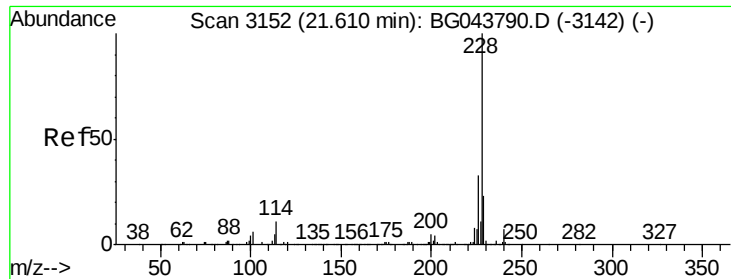
91 74.1 59.0 88.4

206 25.1 18.6 28.0



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





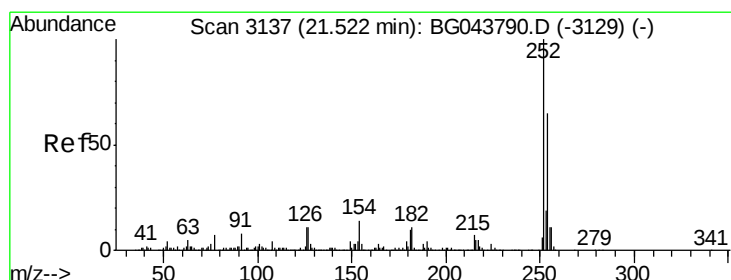
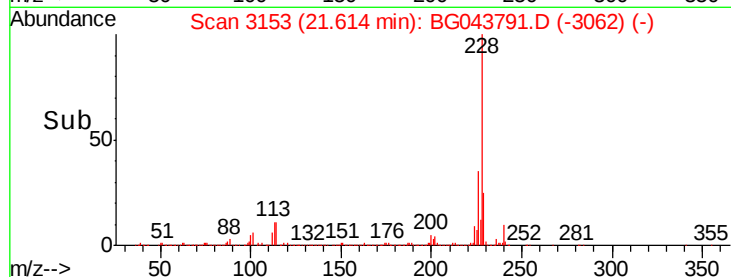
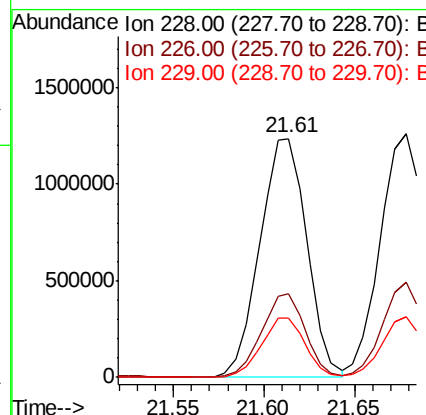
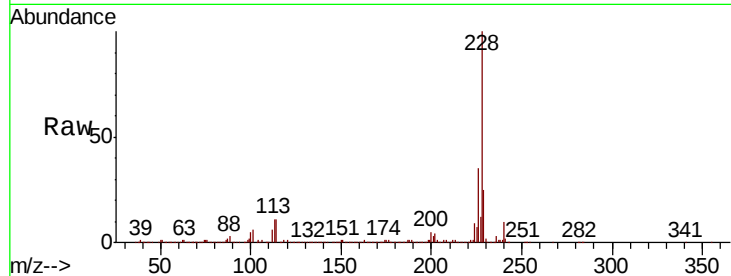
#81
Benzo(a)anthracene
Concen: 46.777 ng
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.0	26.1	39.1
229	24.7	18.6	27.8

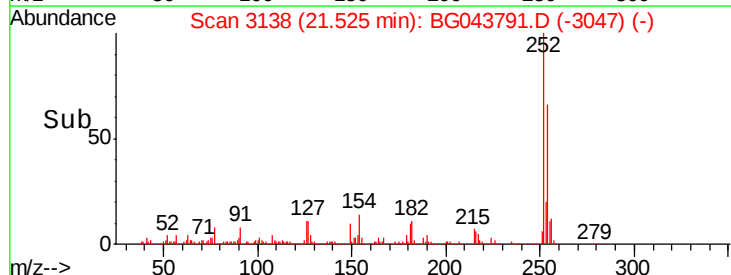
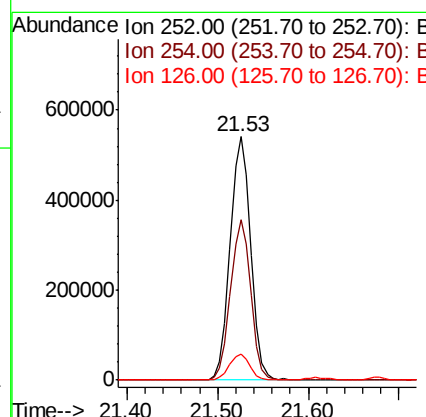
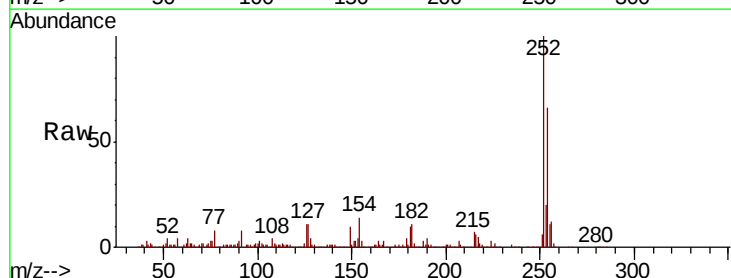
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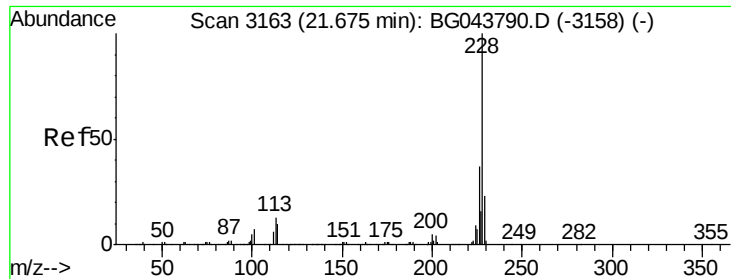
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 47.603 ng
RT: 21.53 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.2	78.2
126	10.6	8.7	13.1





#83
 Chrvsene
 Concen: 47.699 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

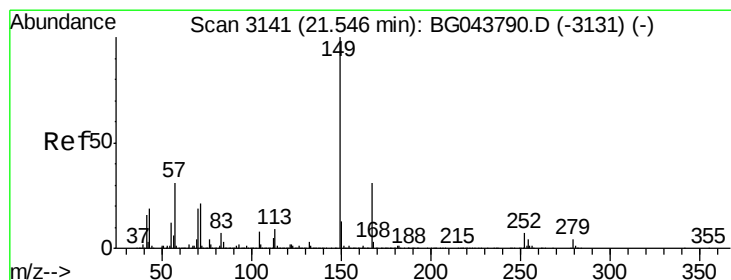
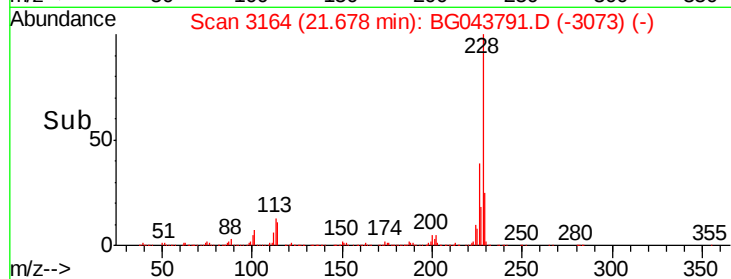
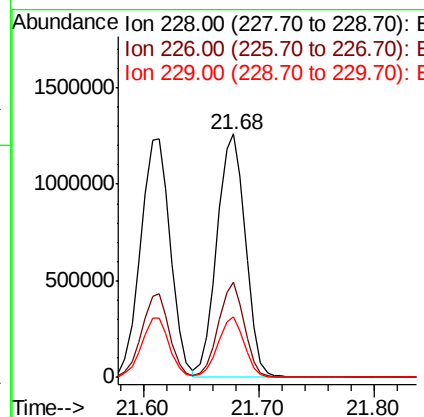
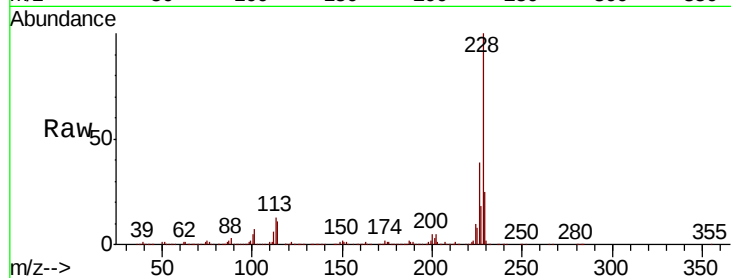
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion:228 Resp: 2147016

Ion	Ratio	Lower	Upper
228	100		
226	38.9	29.1	43.7
229	25.0	18.6	28.0

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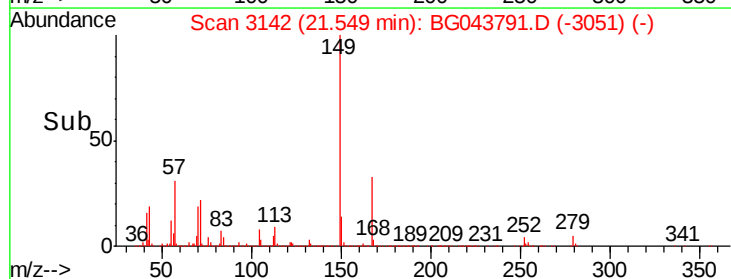
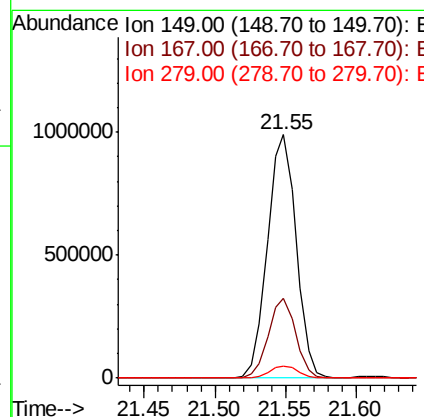
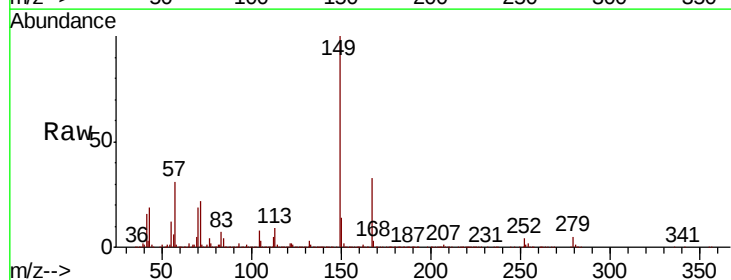
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 12/10/2019 11:51:01 AM

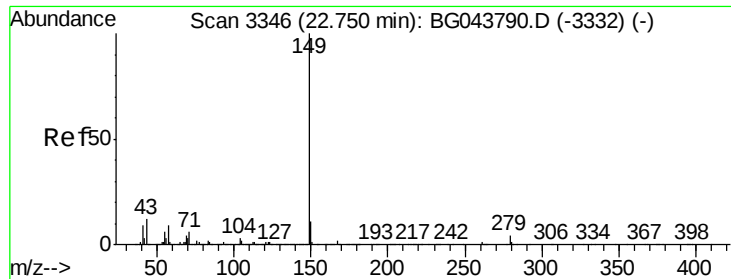


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.222 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

Tgt Ion:149 Resp: 1419377

Ion	Ratio	Lower	Upper
149	100		
167	33.0	25.1	37.7
279	5.0	3.5	5.3





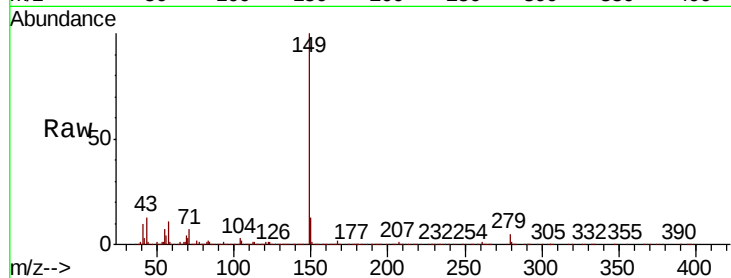
#85
Di-n-octyl phthalate
Concen: 49.909 ng
RT: 22.75 min Scan# 3346
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

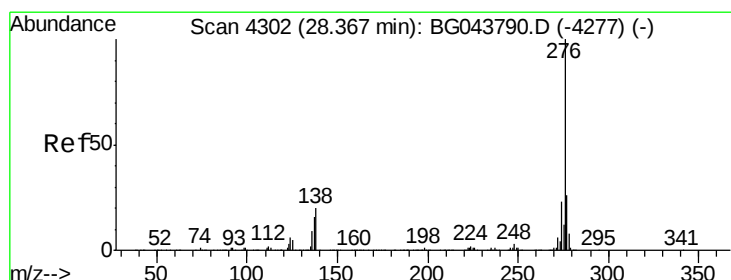
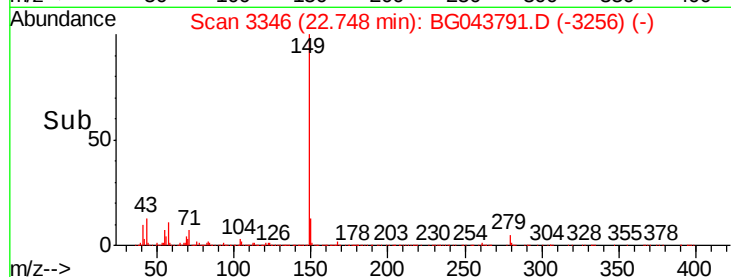
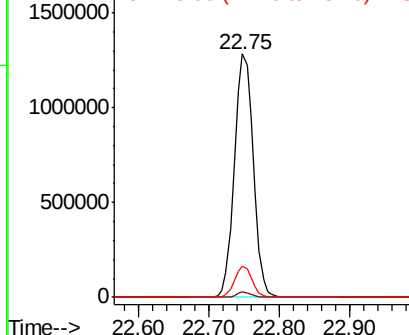
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	11.8	8.8	13.2

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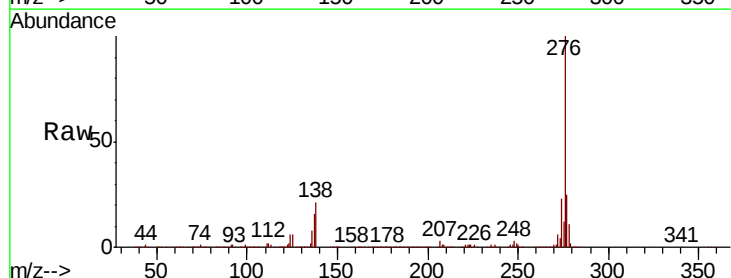


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

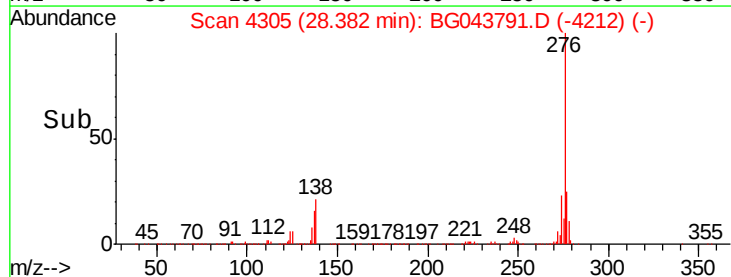
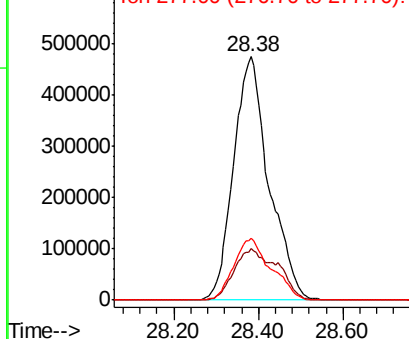


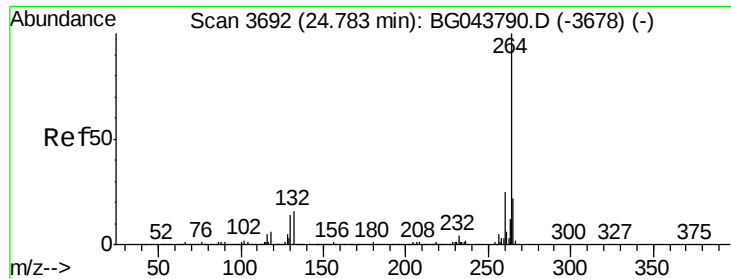
#86
Indeno(1,2,3-cd)pyrene
Concen: 52.558 ng
RT: 28.38 min Scan# 4305
Delta R.T. 0.02 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	14.6	21.8#
277	26.7	21.2	31.8



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

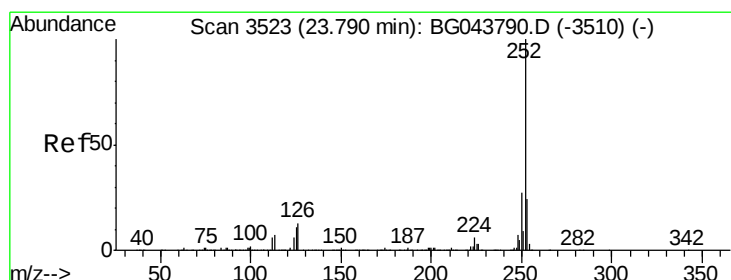
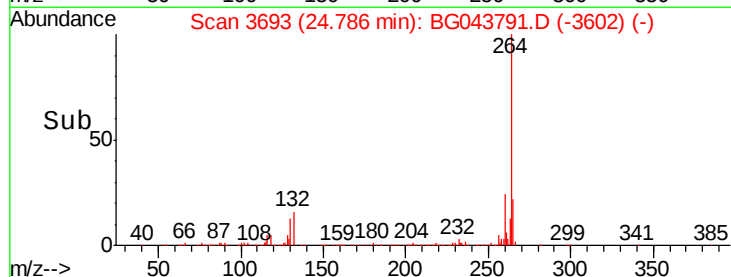
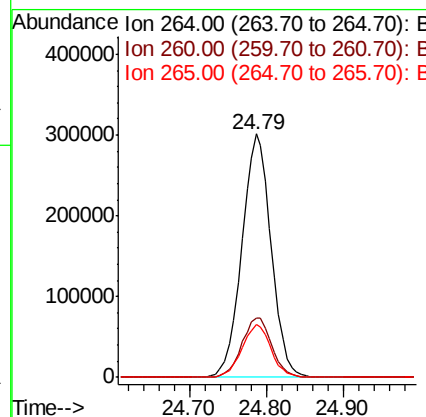
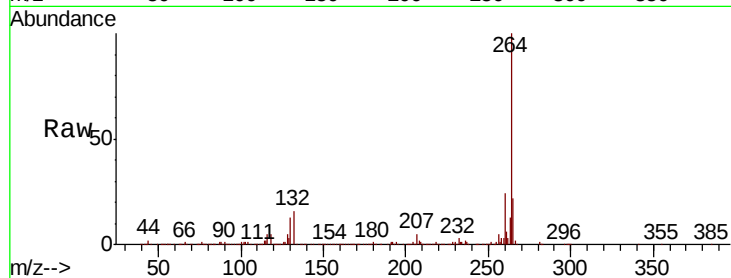
ClientSampleId :

SSTDICC050

Tot Ion:	264	Resp:	796491
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.8	29.8
265	21.7	17.9	26.9

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#88

Benzo(b)fluoranthene

Concen: 48.458 ng

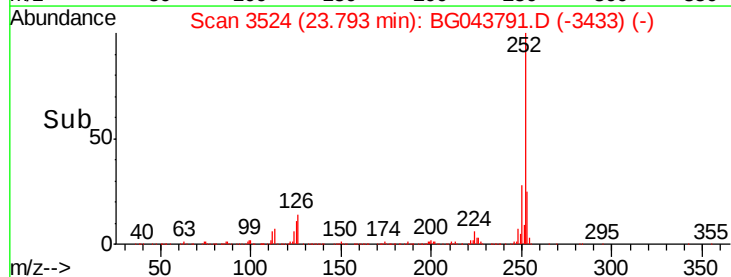
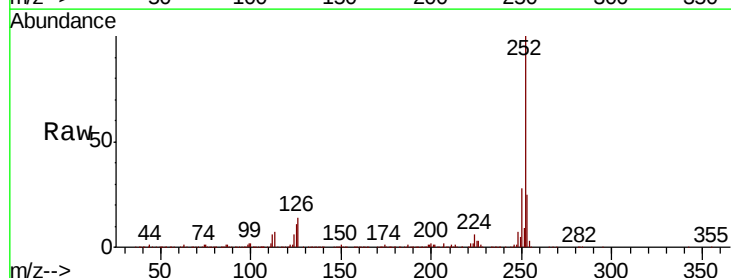
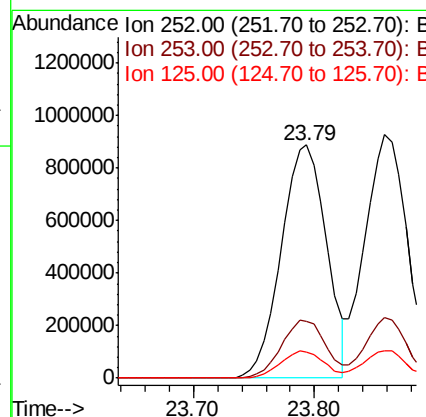
RT: 23.79 min Scan# 3524

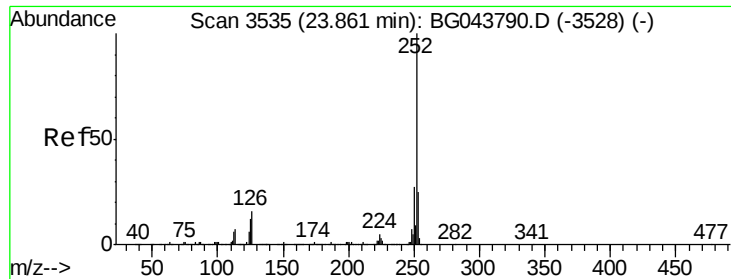
Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Tgt Ion:	252	Resp:	2304433
Ion Ratio	Lower	Upper	
252	100		
253	24.6	19.5	29.3
125	11.3	9.0	13.4





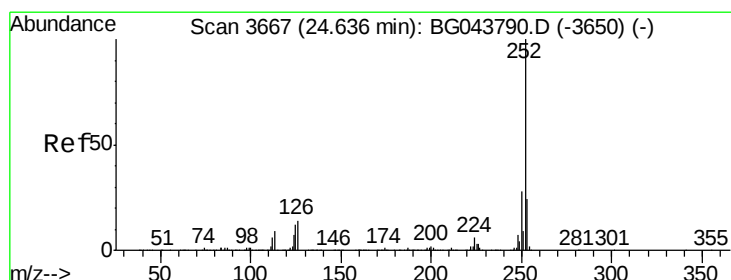
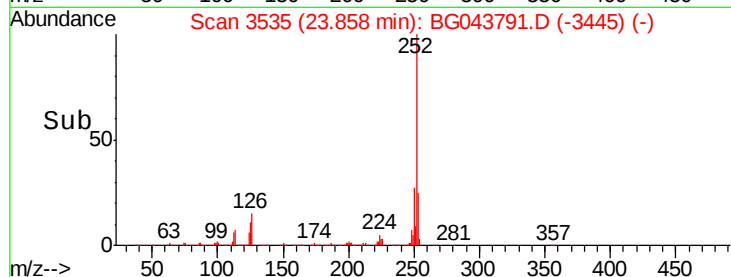
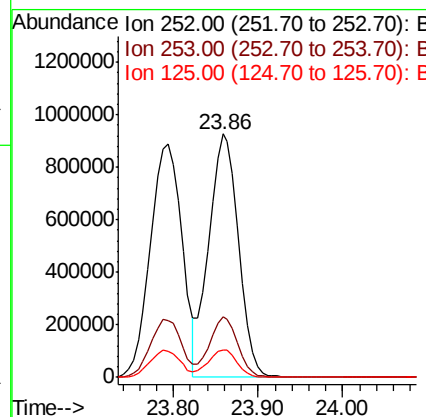
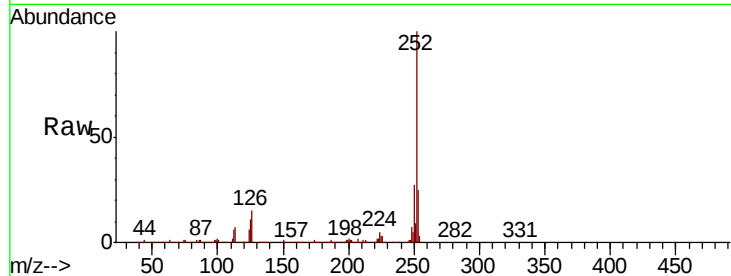
#89
Benzo(k)fluoranthene
Concen: 49.798 ng
RT: 23.86 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.4	29.0
125	11.3	8.9	13.3

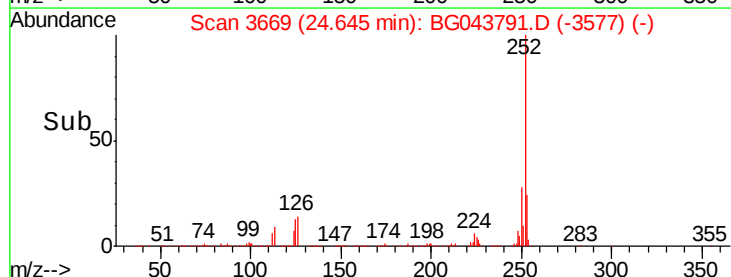
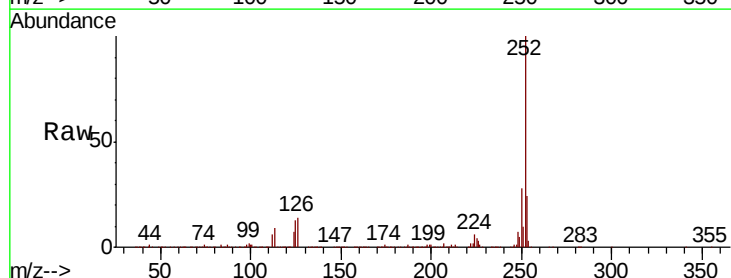
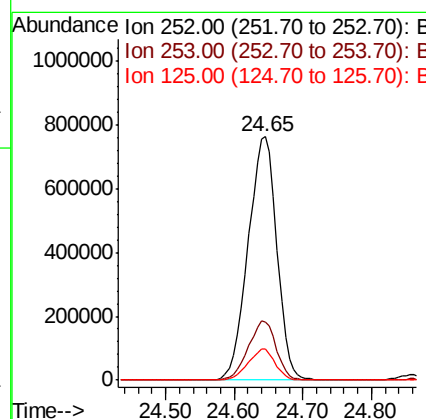
Manual Integrations
APPROVED

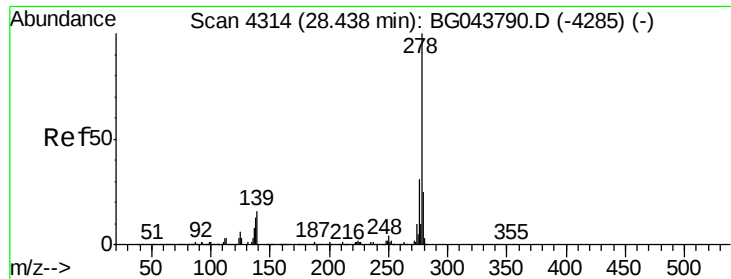
mohammad
12/10/2019 11:51:01 AM



#90
Benzo(a)pyrene
Concen: 49.725 ng
RT: 24.65 min Scan# 3669
Delta R.T. 0.01 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.1	28.7
125	12.7	9.4	14.0





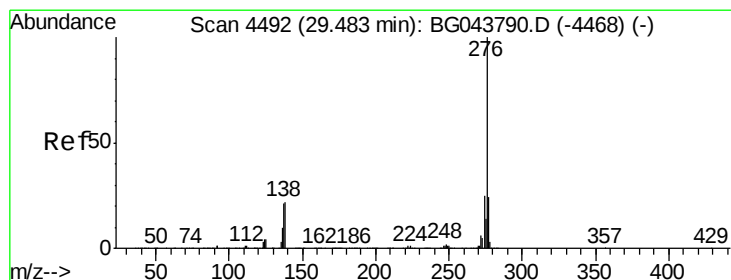
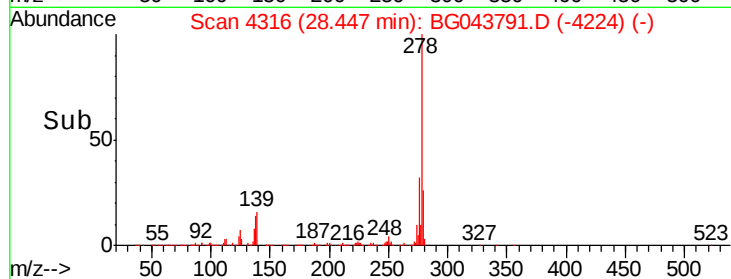
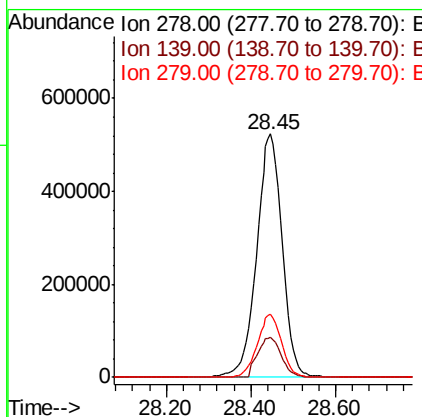
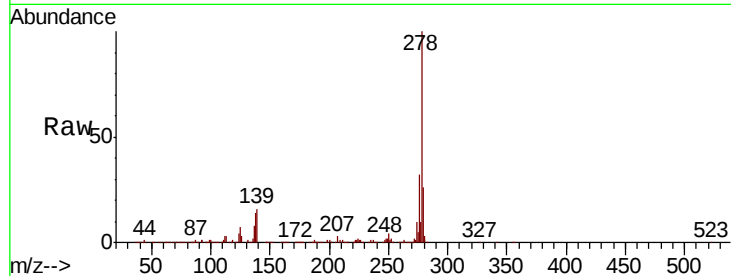
#91
Dibenzo(a,h)anthracene
Concen: 50.995 ng
RT: 28.45 min Scan# 4316
Delta R.T. 0.01 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion:278 Resp: 2211900
Ion Ratio Lower Upper
278 100
139 16.5 13.2 19.8
279 25.8 19.8 29.6

Manual Integrations
APPROVED

mohammad
12/10/2019 11:51:01 AM



#92
Benzo(g,h,i)perylene
Concen: 50.980 ng
RT: 29.50 min Scan# 4495
Delta R.T. 0.02 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion:276 Resp: 2180635
Ion Ratio Lower Upper
276 100
277 25.1 19.3 28.9
138 22.5 17.6 26.4

