

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
 Data File : BG045620.D
 Acq On : 5 Jun 2020 17:29
 Operator : CG/JU
 Sample : PB129333BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

Manual Integrations
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 6/8/2020 12:50:13 PM

Quant Time: Jun 05 18:30:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	65020	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	248274	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	174673	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	403105	20.00	ng	0.00
76) Chrysene-d12	21.61	240	381425	20.00	ng	0.00
87) Perylene-d12	24.75	264	414255	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	602537	181.10	ng	0.00
7) Phenol-d6	7.15	99	830345	175.35	ng	0.00
23) Nitrobenzene-d5	9.12	82	535963	117.72	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	391139	175.09	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1168771	113.50	ng	0.00
79) Terphenyl-d14	19.96	244	1927285	117.85	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.41	88	80801	48.98	ng 93
3) Pyridine	3.81	79	188839	41.10	ng 96
4) n-Nitrosodimethylamine	3.72	42	86663	57.64	ng 97
6) Aniline	7.28	93	270041	43.68	ng 97
8) 2-Chlorophenol	7.53	128	219325	60.11	ng 98
9) Benzaldehyde	7.09	77	135212	43.83	ng 97
10) Phenol	7.18	94	290670	59.56	ng 99
11) bis(2-Chloroethyl)ether	7.37	93	201425	52.91	ng 94
12) 1,3-Dichlorobenzene	7.85	146	235806	53.78	ng 98
13) 1,4-Dichlorobenzene	7.99	146	239307	55.31	ng 98
14) 1,2-Dichlorobenzene	8.31	146	223035	53.59	ng 98
15) Benzyl Alcohol	8.20	79	224185	57.31	ng 97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	188822	52.26	ng 97
17) 2-Methylphenol	8.42	107	193323	52.92	ng 98
18) Hexachloroethane	9.04	117	91681	55.32	ng 95
19) n-Nitroso-di-n-propylamine	8.76	70	180098	55.00	ng 96
20) 3+4-Methylphenols	8.75	107	261829	52.64	ng 95
22) Acetophenone	8.78	105	329911	56.07	ng # 97
24) Nitrobenzene	9.16	77	274325	56.24	ng 96
25) Isophorone	9.69	82	492540	54.93	ng 98
26) 2-Nitrophenol	9.87	139	120839	57.91	ng 93
27) 2,4-Dimethylphenol	9.95	122	200190	64.68	ng 96
28) bis(2-Chloroethoxy)methane	10.17	93	268712	57.15	ng 98
29) 2,4-Dichlorophenol	10.43	162	218977	59.92	ng 99
30) 1,2,4-Trichlorobenzene	10.63	180	240134	55.61	ng 96
31) Naphthalene	10.81	128	651448	56.31	ng 99
32) Benzoic acid	10.14	122	124573	56.85	ng 93
33) 4-Chloroaniline	10.92	127	143613	29.70	ng 96
34) Hexachlorobutadiene	11.10	225	166883	54.67	ng 98
35) Caprolactam	11.70	113	75816m	56.52	ng
36) 4-Chloro-3-methylphenol	12.08	107	247505	60.10	ng 94
37) 2-Methylnaphthalene	12.42	142	487054	56.48	ng 97
38) 1-Methylnaphthalene	12.64	142	459532m	56.41	ng
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	275843	56.54	ng 99

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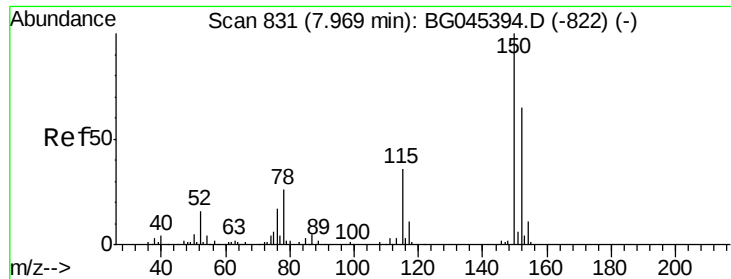
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 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	328434	116.63	ng	99
43) 2,4,6-Trichlorophenol	13.04	196	196074	57.85	ng	98
44) 2,4,5-Trichlorophenol	13.12	196	200783	51.84	ng	98
46) 1,1'-Biphenyl	13.43	154	619126	57.69	ng	98
47) 2-Chloronaphthalene	13.47	162	477208	54.75	ng	99
48) 2-Nitroaniline	13.68	65	160848	56.11	ng	93
49) Acenaphthylene	14.32	152	794275	56.74	ng	99
50) Dimethylphthalate	14.06	163	649451	54.20	ng	99
51) 2,6-Dinitrotoluene	14.17	165	151918	56.19	ng	98
52) Acenaphthene	14.66	154	467963	49.94	ng	96
53) 3-Nitroaniline	14.51	138	100341	36.51	ng	# 92
54) 2,4-Dinitrophenol	14.72	184	180422	100.37	ng	94
55) Dibenzofuran	15.00	168	760783	54.67	ng	98
56) 4-Nitrophenol	14.85	139	229523	110.30	ng	92
57) 2,4-Dinitrotoluene	14.97	165	211486	54.01	ng	98
58) Fluorene	15.65	166	633530	55.41	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	196497	57.67	ng	99
60) Diethylphthalate	15.42	149	672766	53.94	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	351614	53.75	ng	99
62) 4-Nitroaniline	15.68	138	150898	52.59	ng	99
63) Azobenzene	15.94	77	648559	55.77	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	142776	60.82	ng	96
66) n-Nitrosodiphenylamine	15.86	169	566376	58.52	ng	97
67) 4-Bromophenyl-phenylether	16.53	248	246187	56.40	ng	97
68) Hexachlorobenzene	16.66	284	265159	58.08	ng	96
69) Atrazine	16.81	200	215867	54.15	ng	97
70) Pentachlorophenol	17.01	266	293547	123.83	ng	98
71) Phenanthrene	17.39	178	1014255	57.64	ng	99
72) Anthracene	17.48	178	1038379	58.76	ng	98
73) Carbazole	17.75	167	962708	55.89	ng	100
74) Di-n-butylphthalate	18.31	149	1139146	55.10	ng	99
75) Fluoranthene	19.40	202	1257926	56.20	ng	99
77) Benzidine	19.58	184	623165	58.17	ng	99
78) Pyrene	19.76	202	1257573	57.84	ng	99
80) Butylbenzylphthalate	20.65	149	521635	55.58	ng	98
81) Benzo(a)anthracene	21.59	228	1242037	58.45	ng	98
82) 3,3'-Dichlorobenzidine	21.50	252	349022	41.88	ng	99
83) Chrysene	21.65	228	1152034	56.39	ng	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	735537	57.02	ng	98
85) Di-n-octyl phthalate	22.69	149	1227575	55.40	ng	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1527003	57.16	ng	# 96
88) Benzo(b)fluoranthene	23.76	252	1286459	57.90	ng	97
89) Benzo(k)fluoranthene	23.83	252	1269372	60.82	ng	100
90) Benzo(a)pyrene	24.61	252	1185807	57.31	ng	97
91) Dibenzo(a,h)anthracene	28.39	278	1242050	59.73	ng	99
92) Benzo(g,h,i)perylene	29.44	276	1252504	60.23	ng	99

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



#1

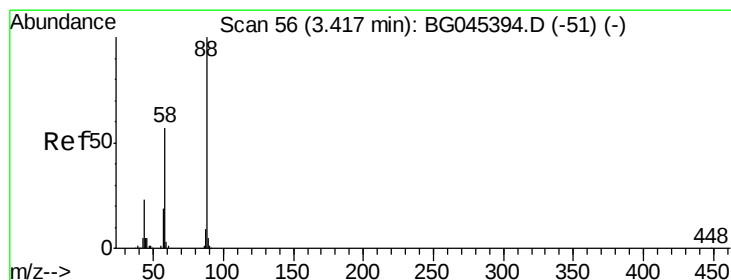
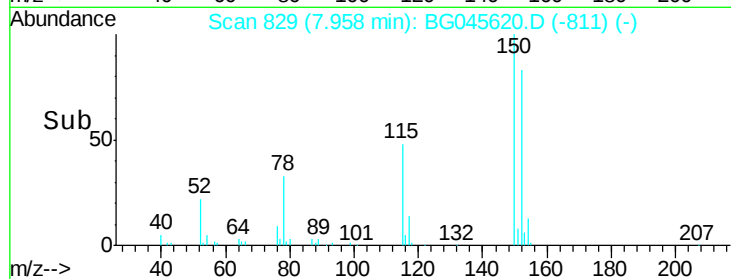
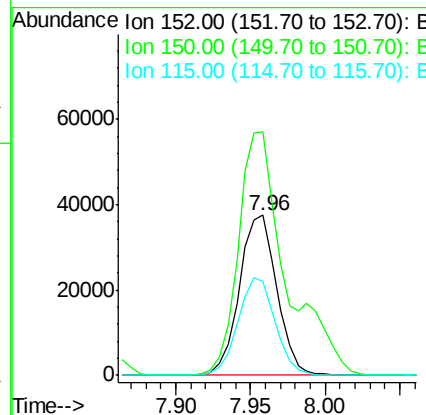
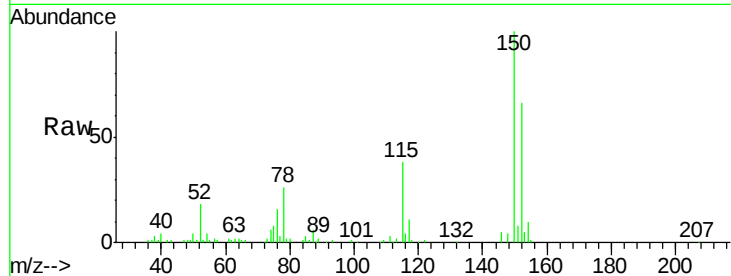
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.3	122.4	183.6
115	58.5	44.2	66.4

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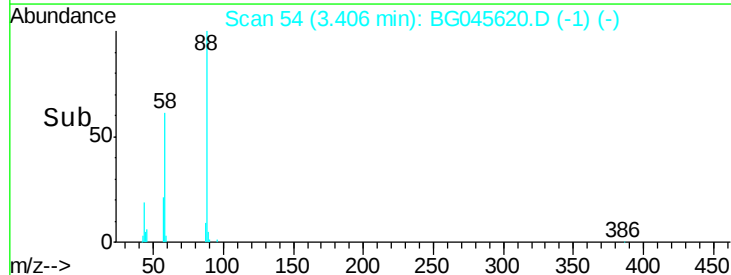
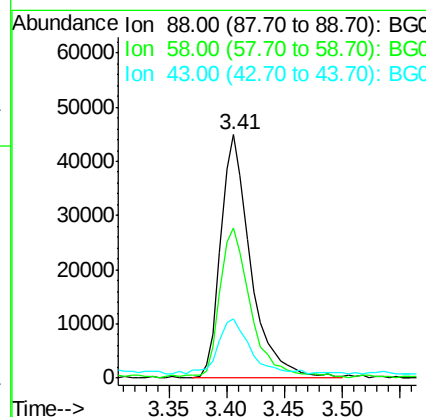
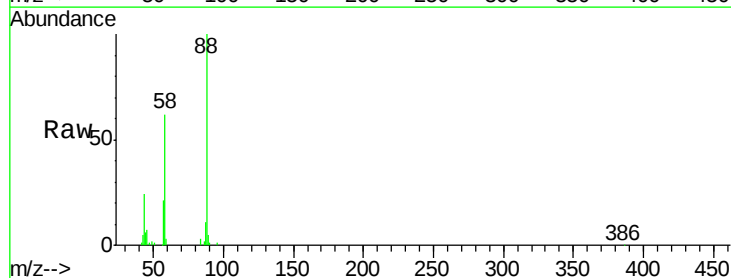
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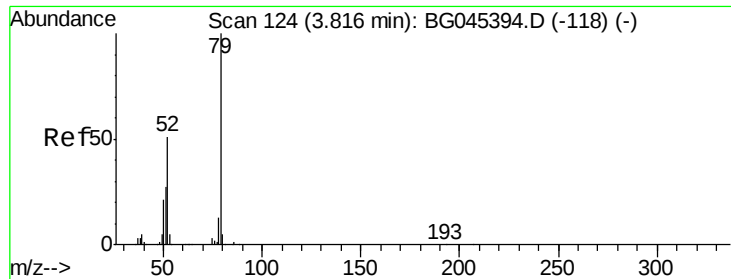


#2

1,4-Dioxane
Concen: 48.98 ng
RT: 3.41 min Scan# 54
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.7	45.7	68.5
43	23.0	16.8	25.2





#3

Pyridine

Concen: 41.10 ng

RT: 3.81 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

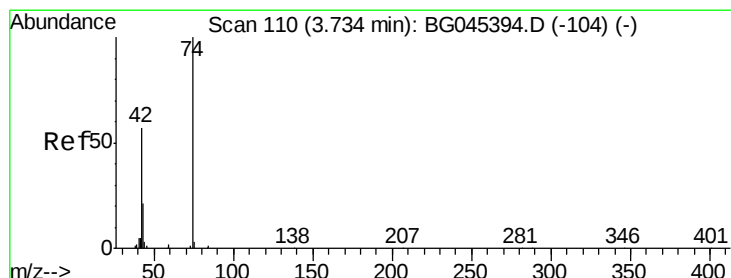
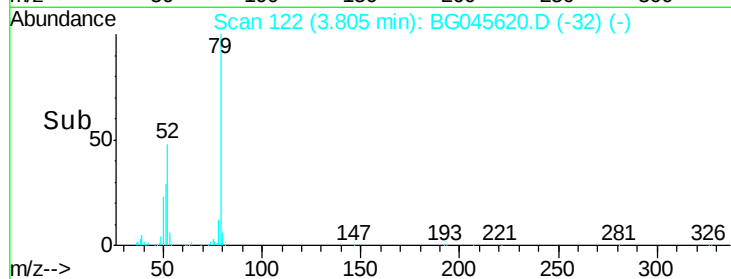
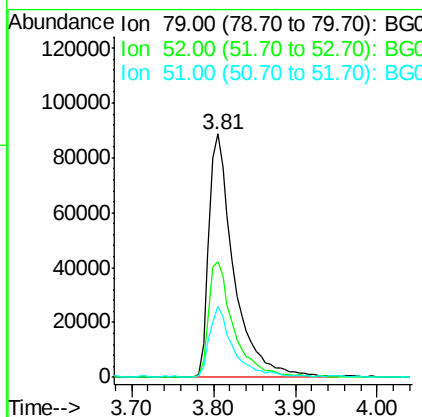
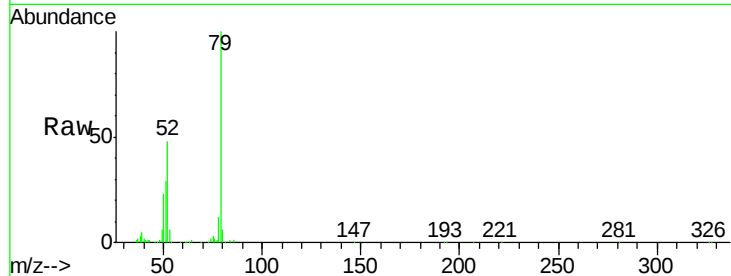
ClientSampleId :

PB129333BSD

Tgt Ion	Ratio	Lower	Upper
79	100		
52	47.6	40.8	61.2
51	29.0	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 57.64 ng

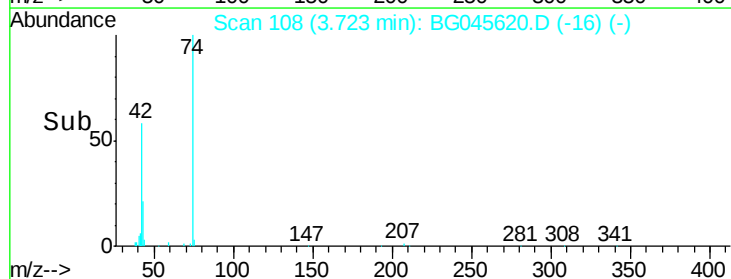
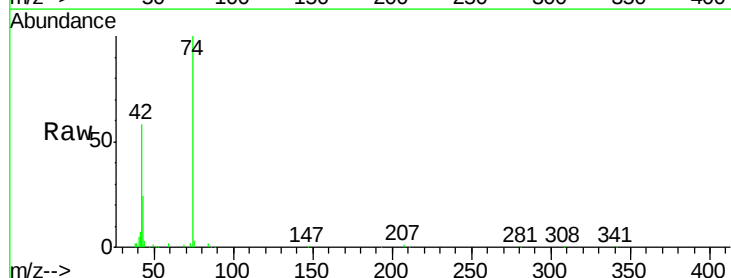
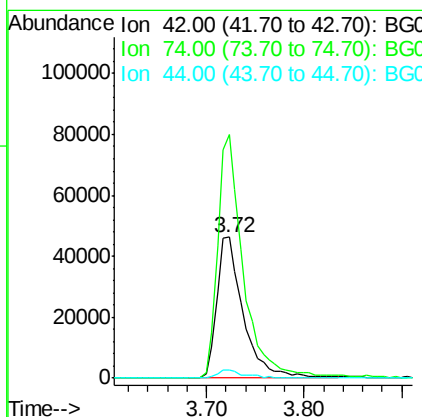
RT: 3.72 min Scan# 108

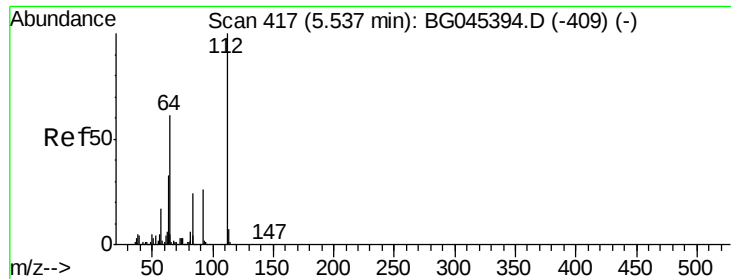
Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	172.9	141.3	211.9
44	6.0	4.2	6.4





#5

2-Fluorophenol

Concen: 181.10 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045620.D

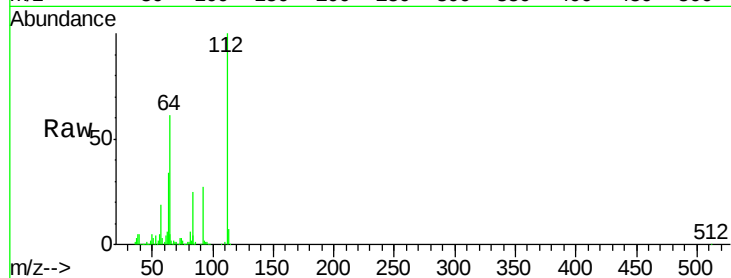
Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

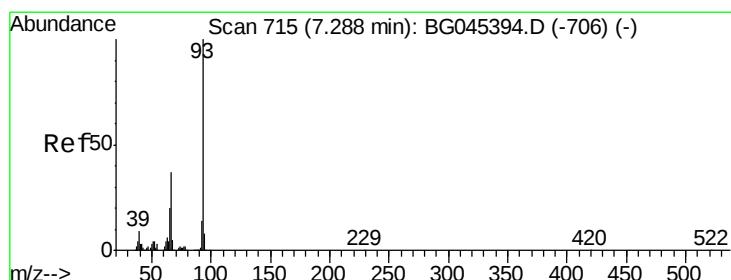
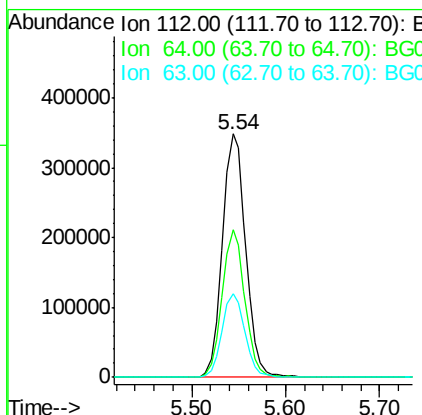
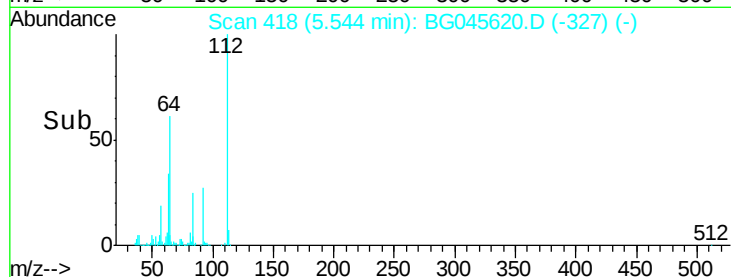
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	602537		
64	60.9	48.6	72.8	
63	34.2	26.5	39.7	

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#6

Aniline

Concen: 43.68 ng

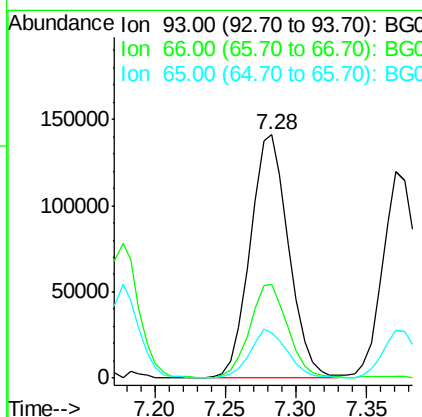
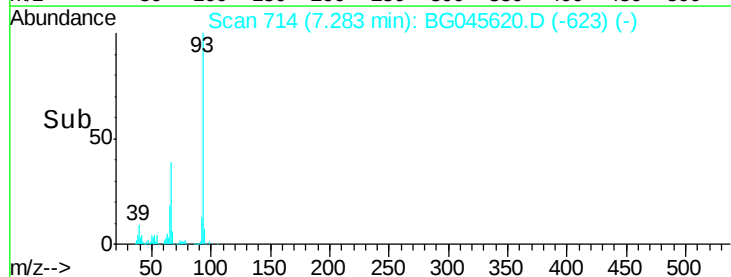
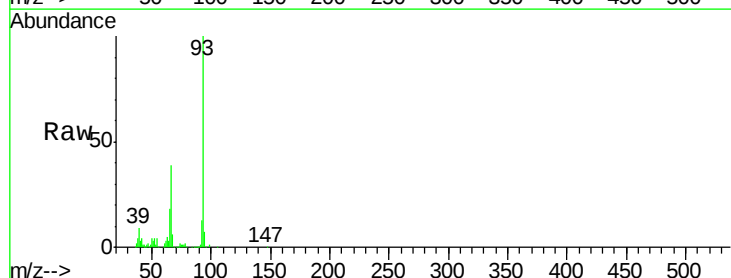
RT: 7.28 min Scan# 714

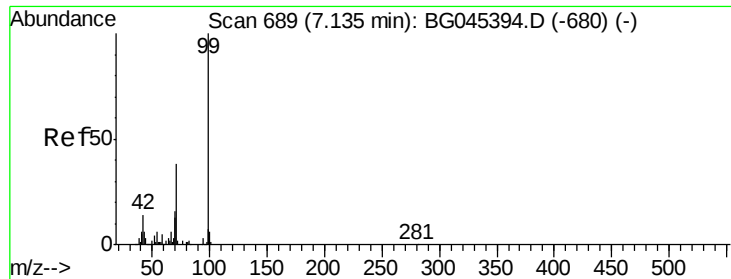
Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	270041		
66	38.7	29.6	44.4	
65	18.3	15.9	23.9	





#7

Phenol-d6

Concen: 175.35 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

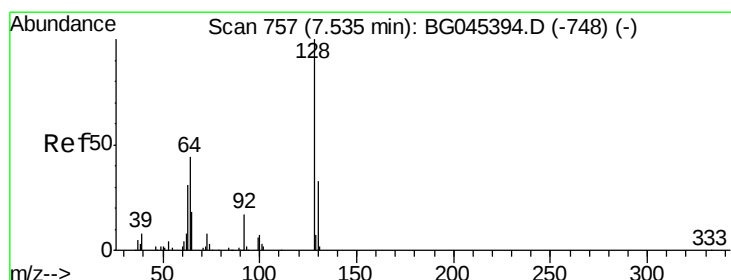
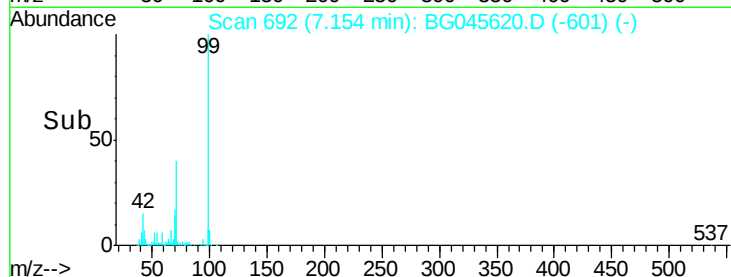
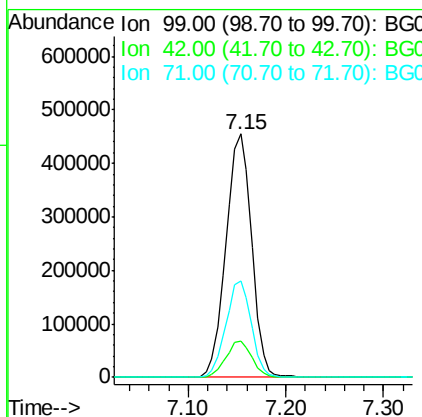
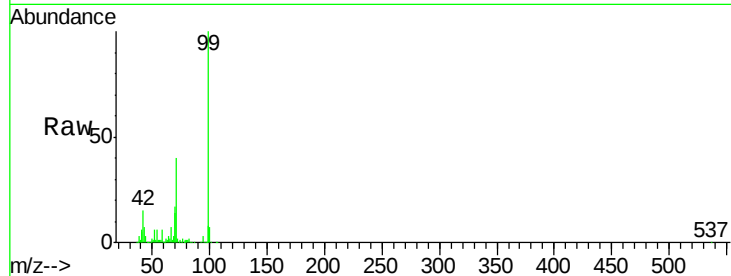
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Tgt Ion:	99	Resp:	830345
Ion Ratio	Lower	Upper	
99	100		
42	15.0	11.3	16.9
71	39.7	30.8	46.2

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#8

2-Chlorophenol

Concen: 60.11 ng

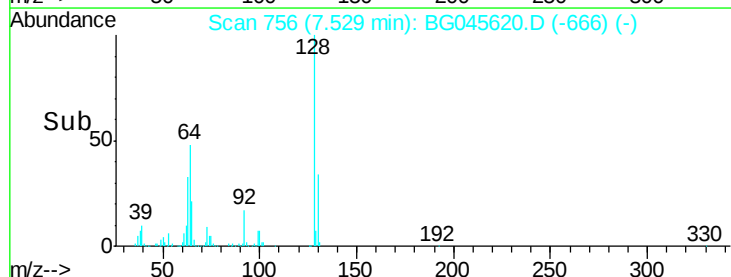
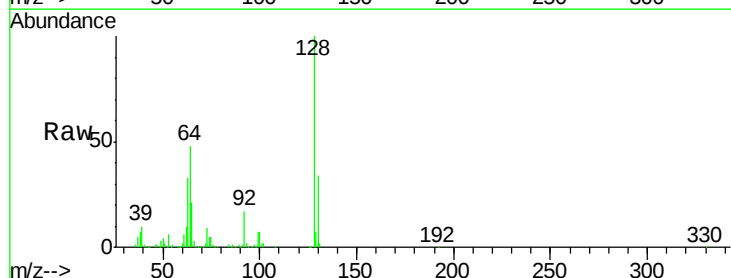
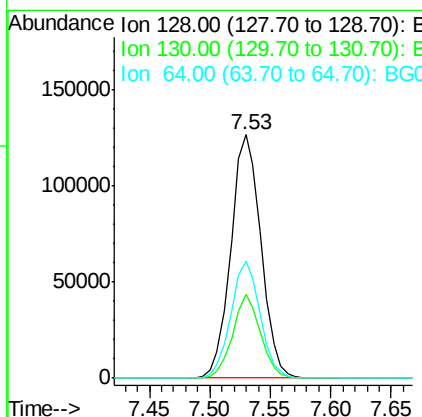
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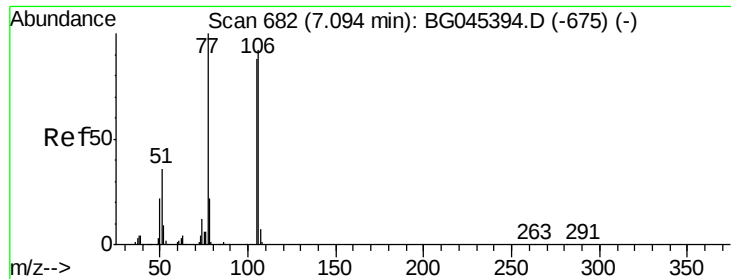
Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Tgt Ion:	128	Resp:	219325
Ion Ratio	Lower	Upper	
128	100		
130	34.4	12.6	52.6
64	47.9	27.0	67.0





#9

Benzaldehyde

Concen: 43.83 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

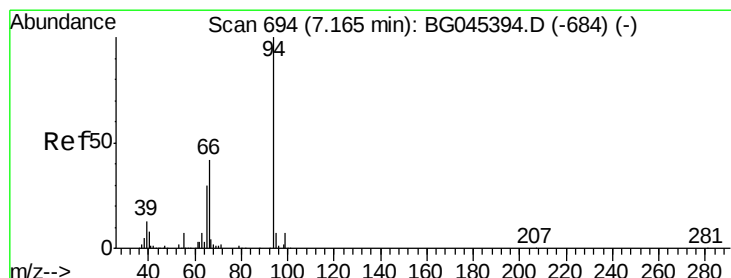
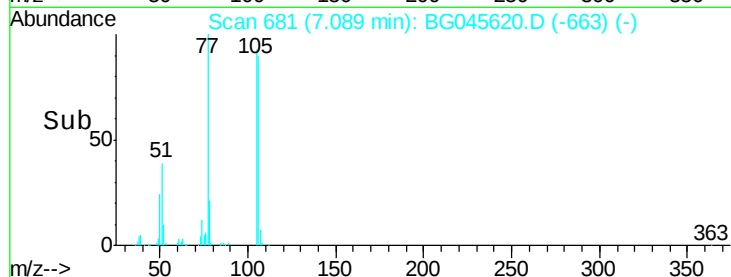
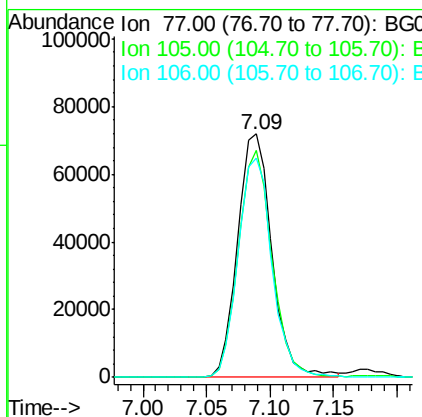
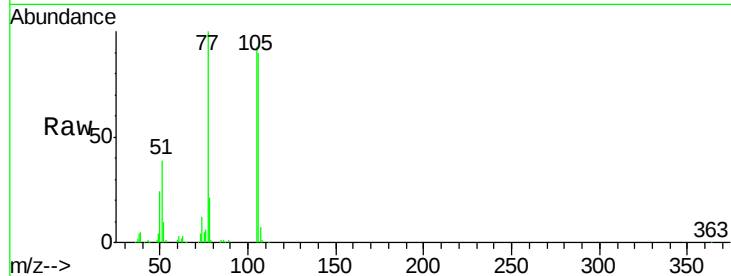
ClientSampleId :

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Tgt Ion:	77	Resp:	135212
Ion Ratio	Lower	Upper	
77	100		
105	93.3	68.5	108.5
106	89.8	71.6	111.6

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#10

Phenol

Concen: 59.56 ng

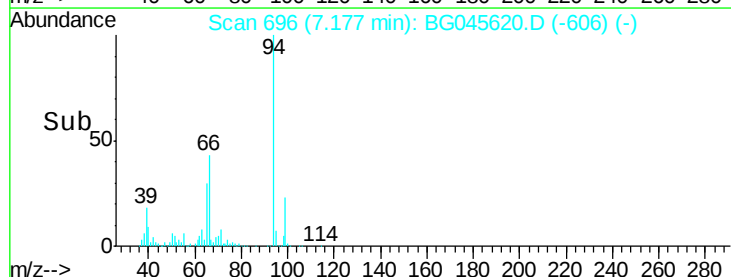
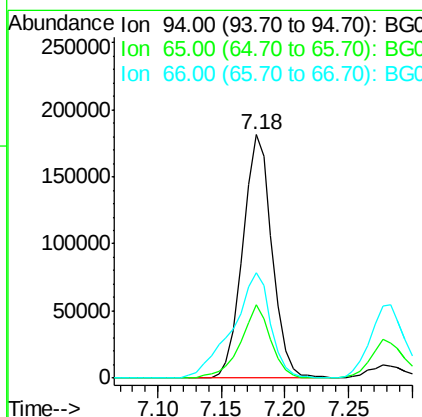
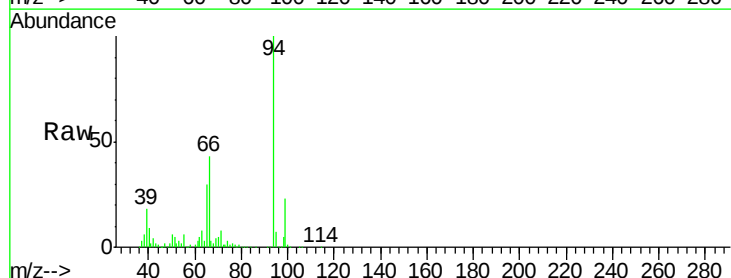
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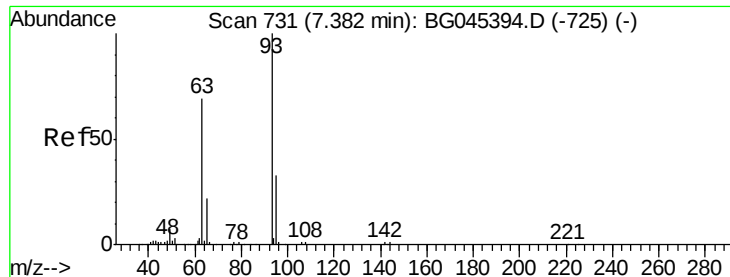
Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Tgt Ion:	94	Resp:	290670
Ion Ratio	Lower	Upper	
94	100		
65	30.0	9.8	49.8
66	43.1	22.0	62.0





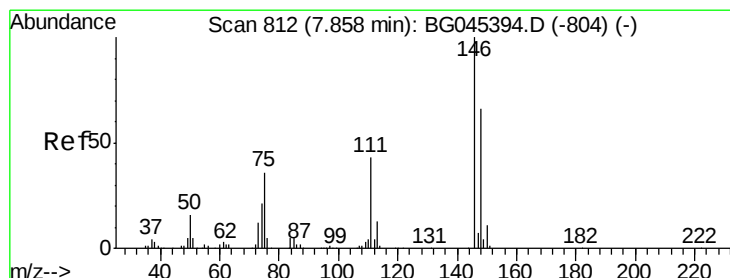
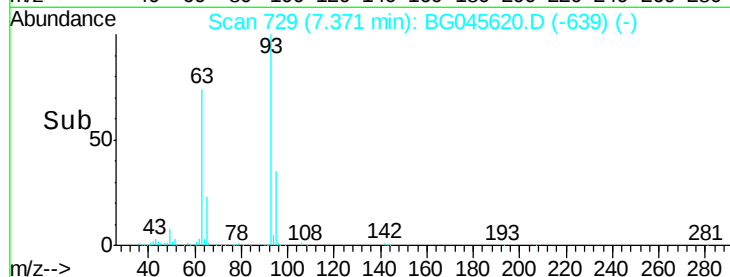
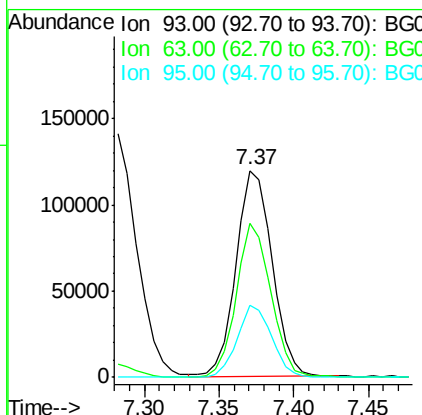
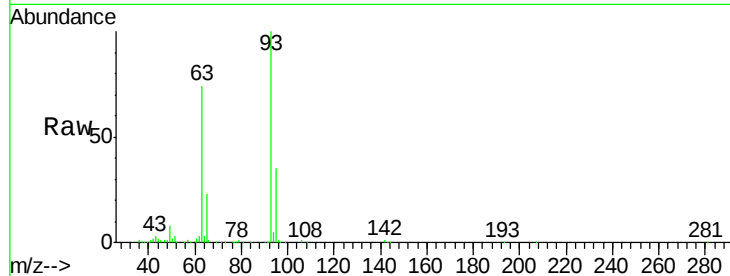
#11
bis(2-Chloroethyl)ether
Concen: 52.91 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	201425		
63	74.2	48.4	88.4	
95	34.7	12.4	52.4	

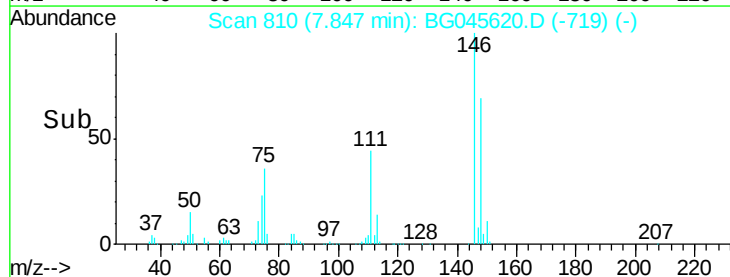
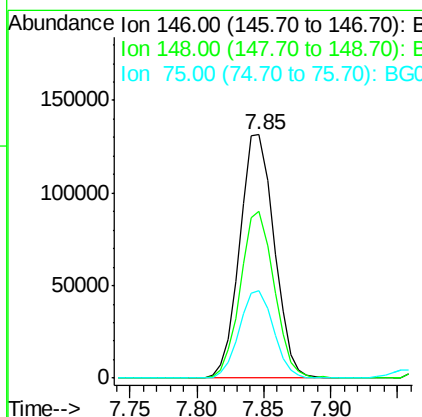
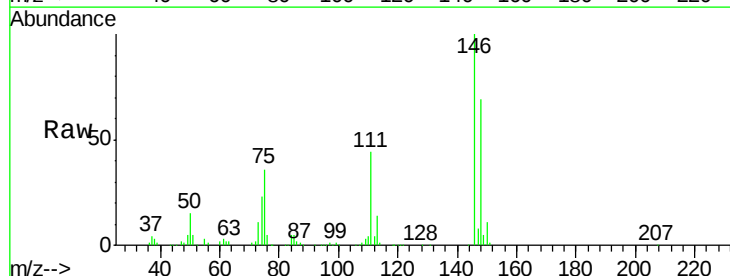
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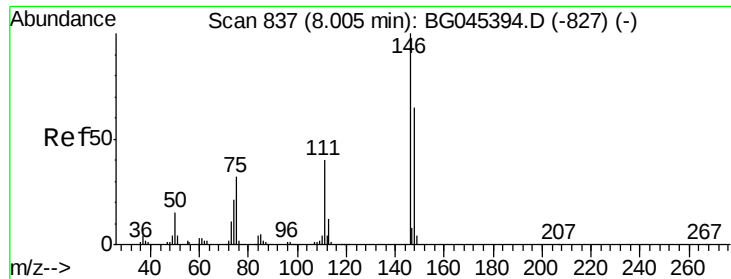
mohammad
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#12
1,3-Dichlorobenzene
Concen: 53.78 ng
RT: 7.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	235806		
148	68.7	53.2	79.8	
75	36.0	28.6	43.0	





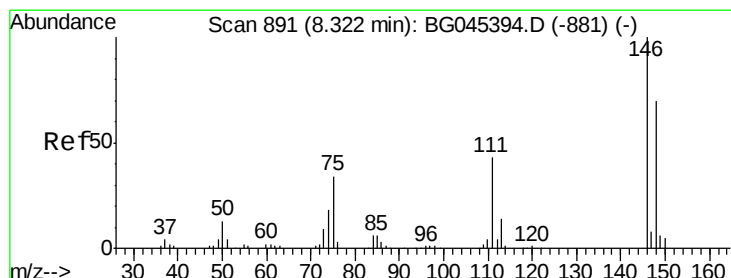
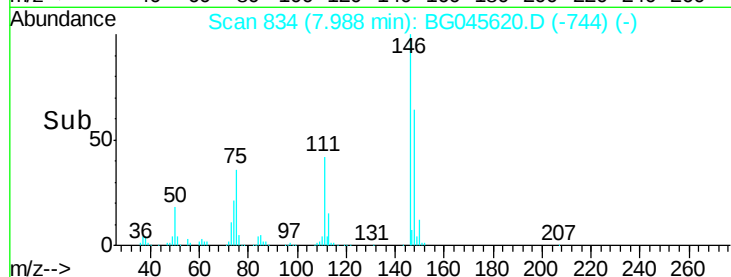
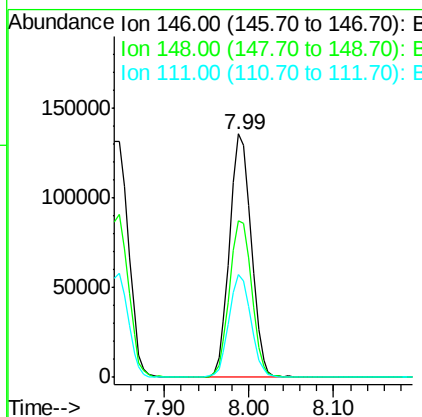
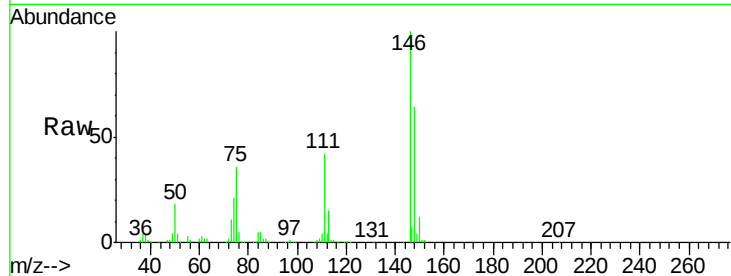
#13
 1,4-Dichlorobenzene
 Concen: 55.31 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	239307		
148	64.3	51.8	77.8	
111	42.1	32.1	48.1	

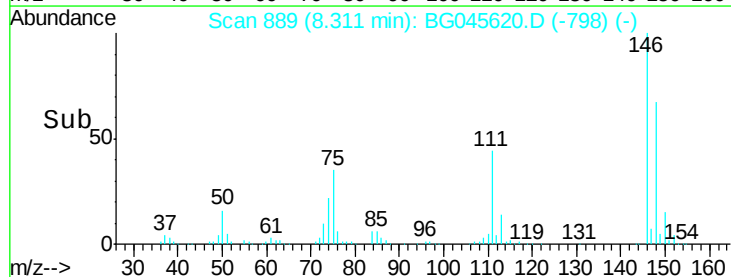
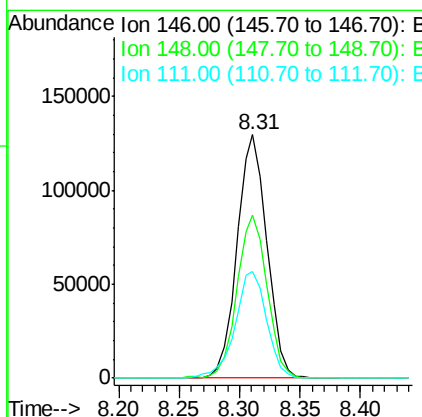
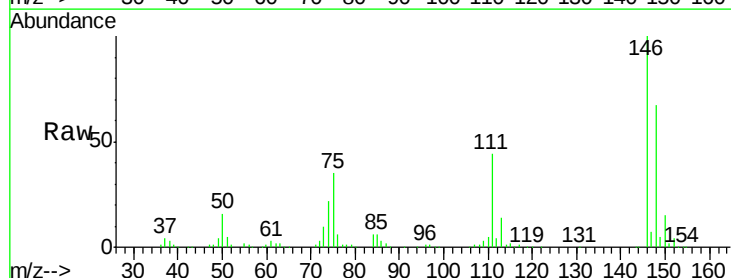
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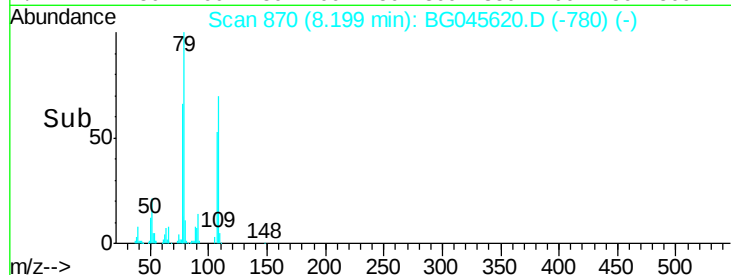
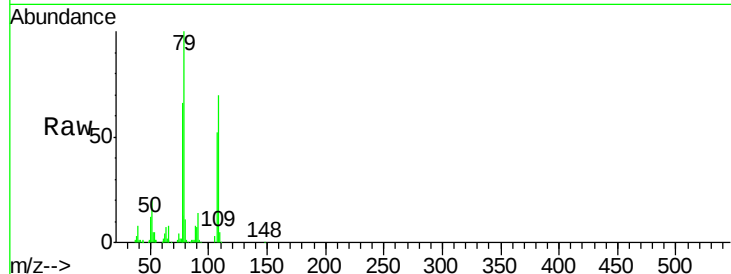
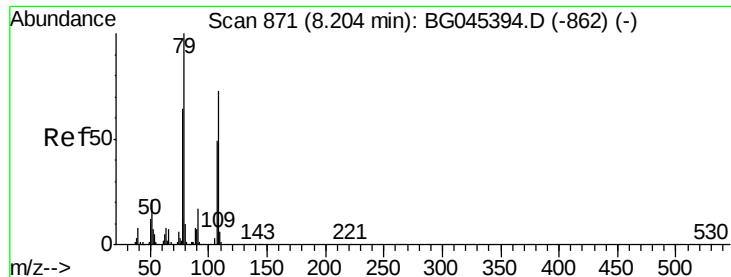
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#14
 1,2-Dichlorobenzene
 Concen: 53.59 ng
 RT: 8.31 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	223035		
148	67.0	55.9	83.9	
111	43.6	35.0	52.4	





#15

Benzyl Alcohol

Concen: 57.31 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Tgt Ion:	79	Resp:	224185
Ion Ratio	Lower	Upper	
79	100		
108	69.5	58.2	87.4
77	65.9	51.0	76.4

Instrument :

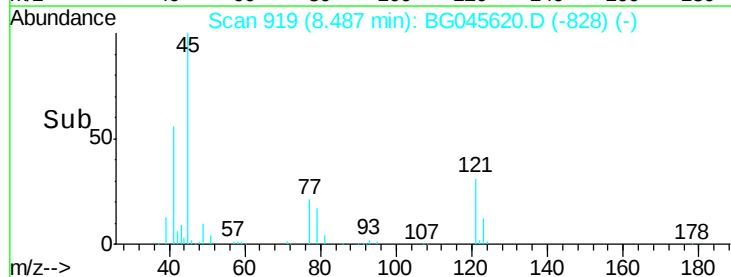
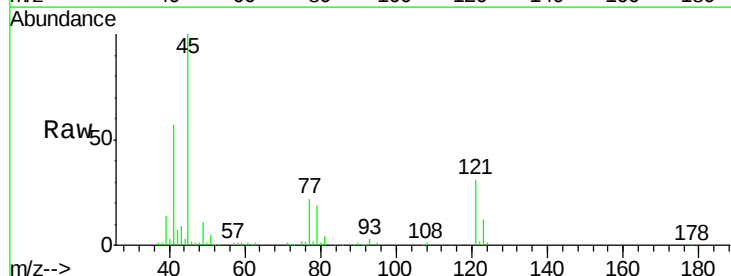
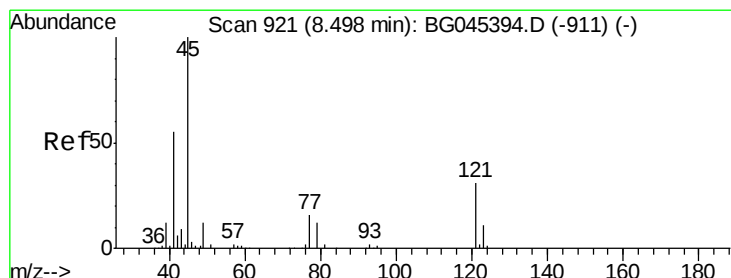
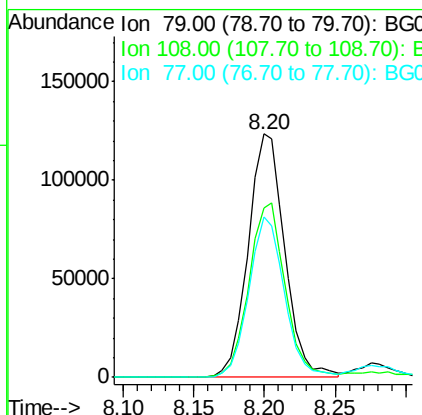
BNA_G

ClientSampleId :

PB129333BSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.26 ng

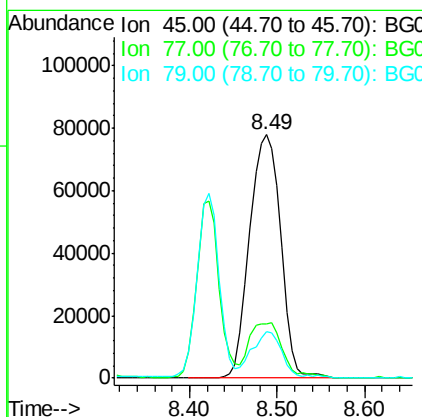
RT: 8.49 min Scan# 919

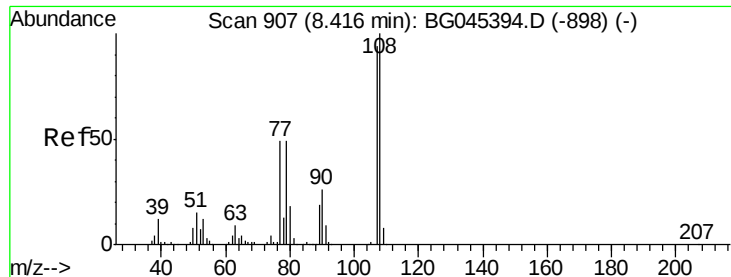
Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Tgt Ion:	45	Resp:	188822
Ion Ratio	Lower	Upper	
45	100		
77	22.0	4.0	44.0
79	19.0	0.0	38.6





#17

2-Methylphenol

Concen: 52.92 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

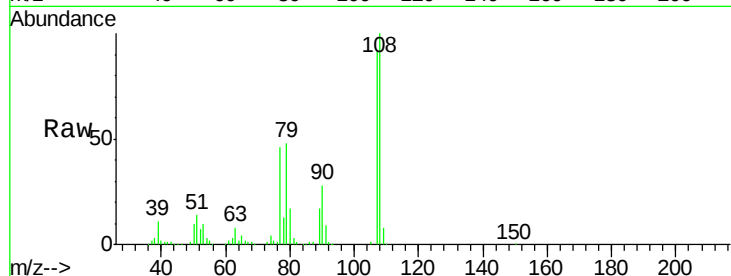
ClientSampleId :

PB129333BSD

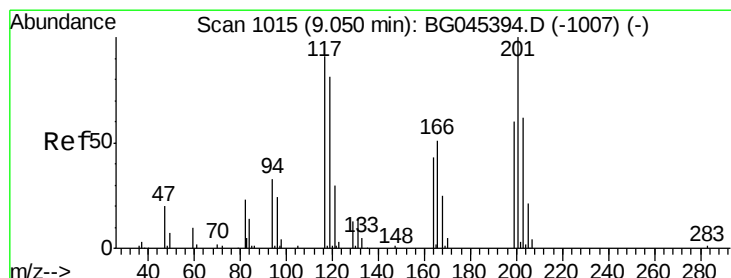
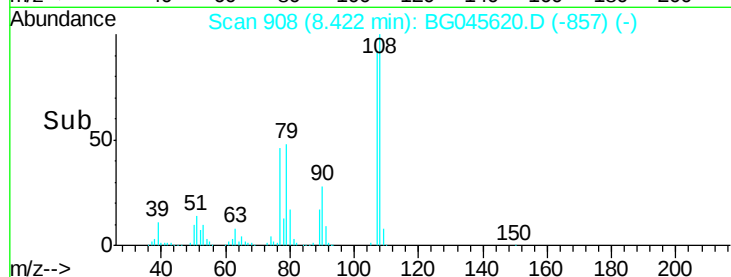
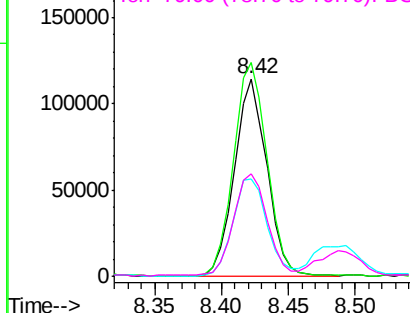
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	193323		
108	108.2	85.2	127.8	
77	49.3	41.6	62.4	
79	51.6	41.8	62.8	

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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: 55.32 ng

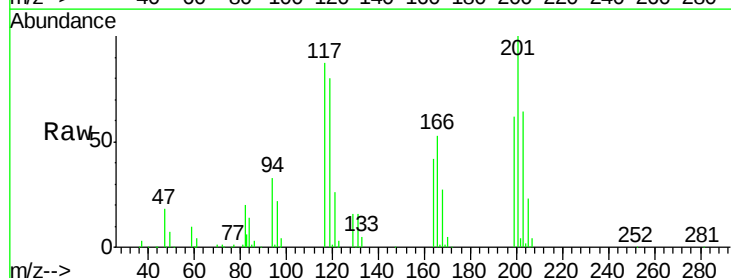
RT: 9.04 min Scan# 1013

Delta R.T. 0.00 min

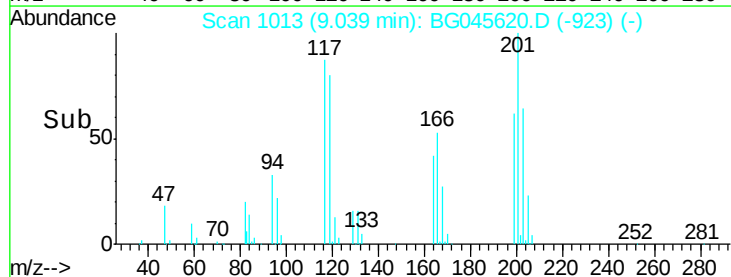
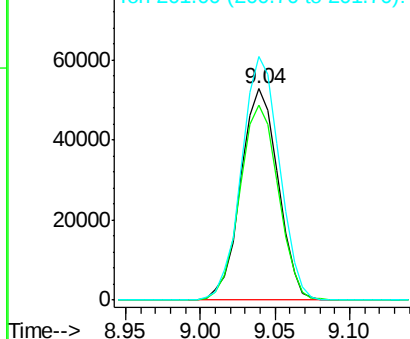
Lab File: BG045620.D

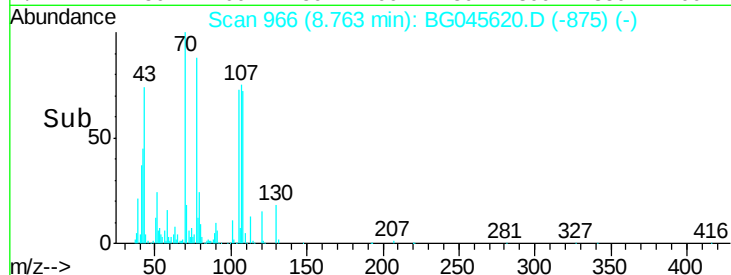
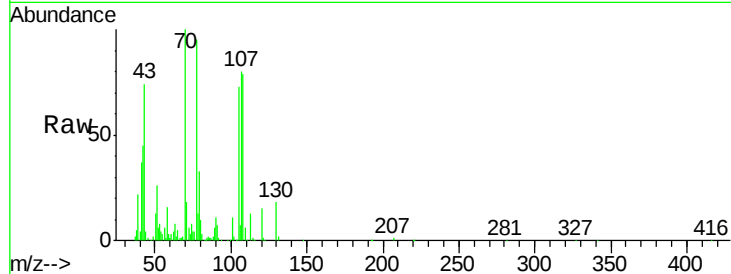
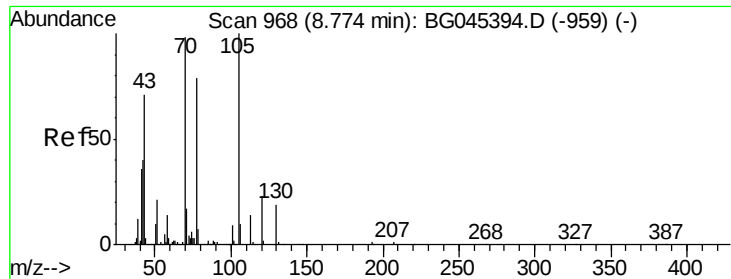
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	91681		
119	92.3	71.3	106.9	
201	115.1	87.5	131.3	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





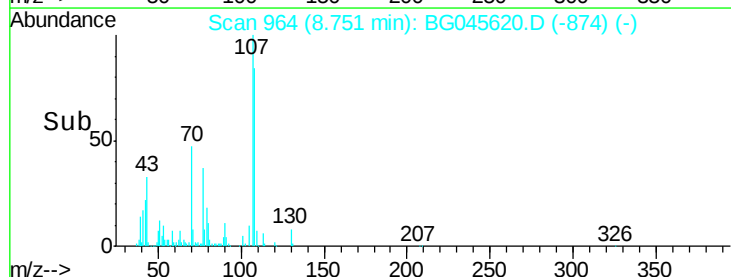
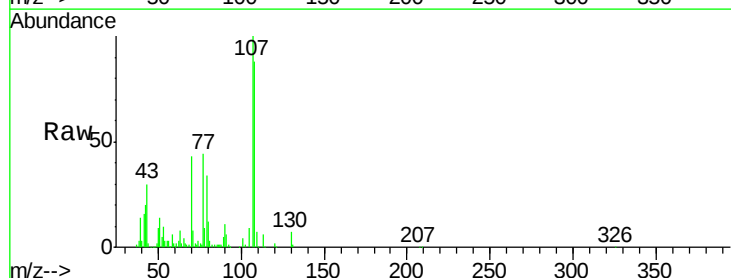
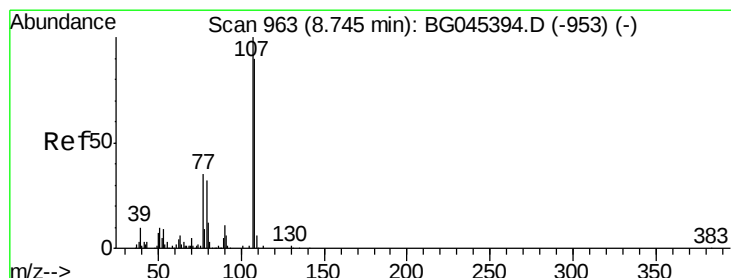
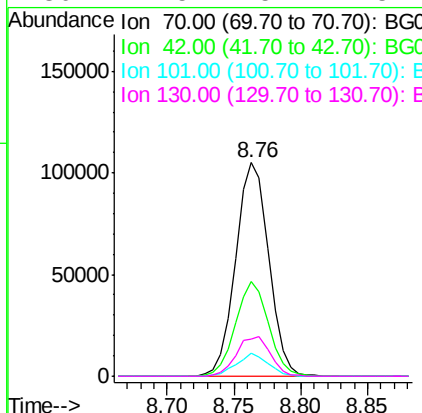
#19
n-Nitroso-di-n-propylamine
Concen: 55.00 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

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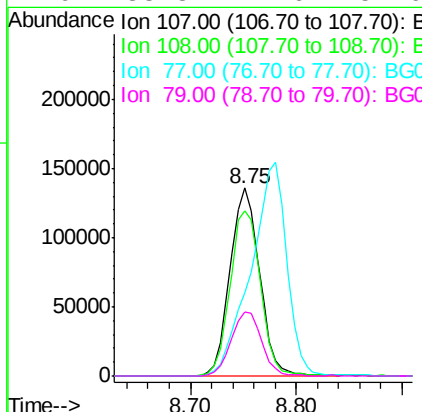
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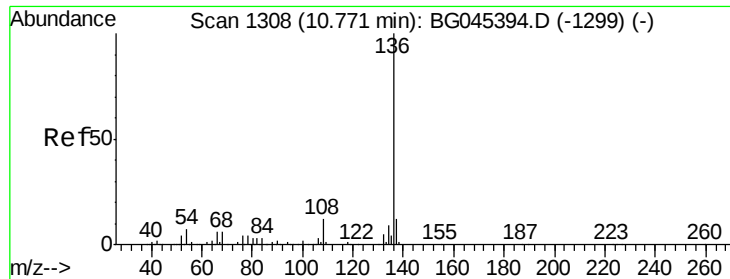
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	44.6	33.2	49.8	
101	10.8	7.8	11.6	
130	17.5	15.4	23.2	



#20
3+4-Methylphenols
Concen: 52.64 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.2	70.3	110.3	
77	44.2	15.4	55.4	
79	33.8	12.6	52.6	





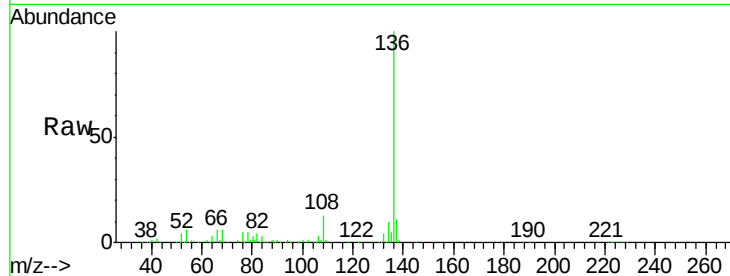
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

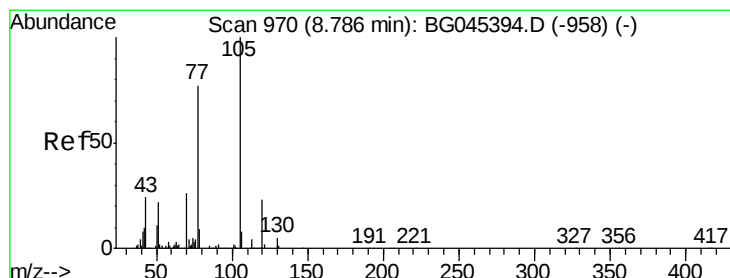
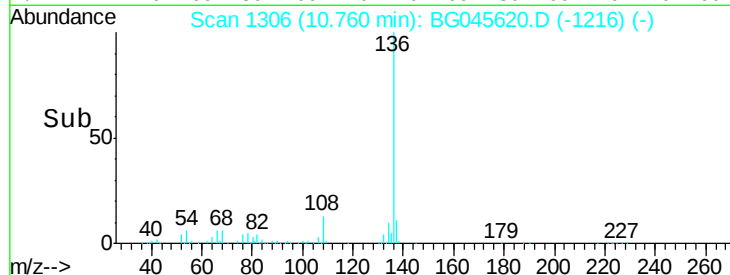
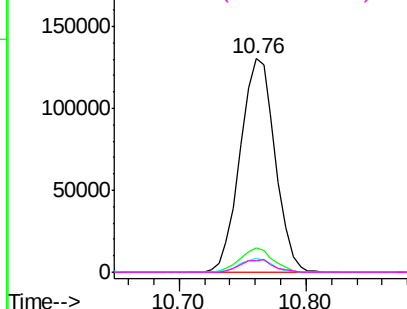
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	248274		
137	11.4	9.4	14.2	
54	6.4	5.8	8.6	
68	5.6	4.5	6.7	

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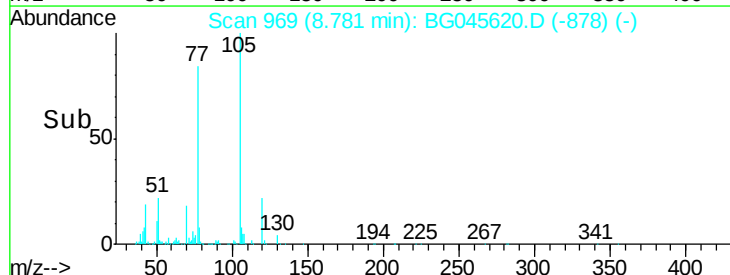
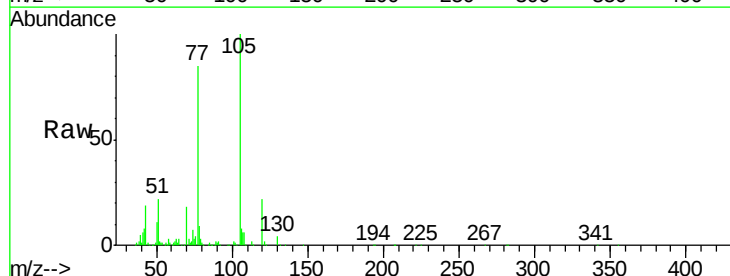
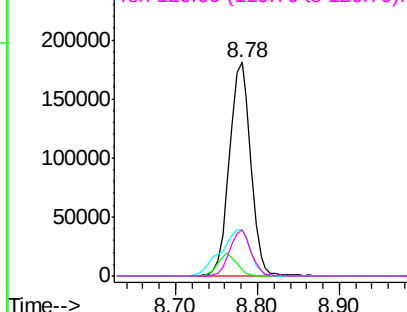
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

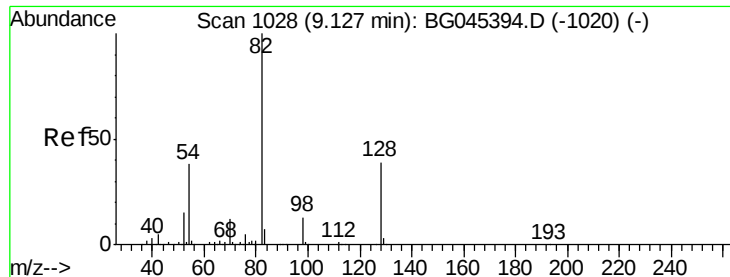


#22
Acetophenone
Concen: 56.07 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	329911		
71	2.8	3.4	5.0#	
51	21.9	18.2	27.2	
120	21.7	18.6	27.8	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





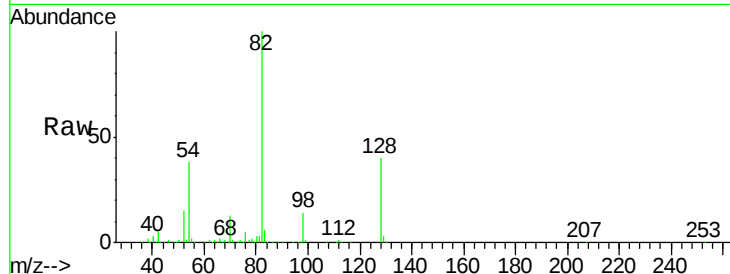
#23
 Nitrobenzene-d5
 Concen: 117.72 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

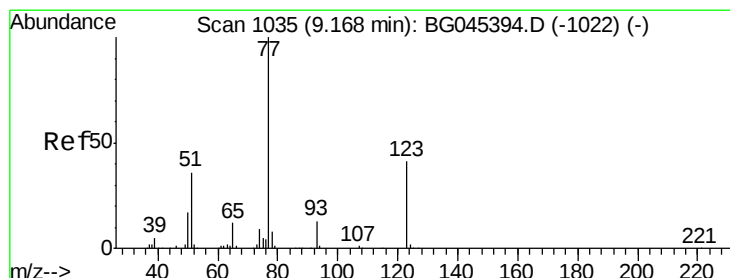
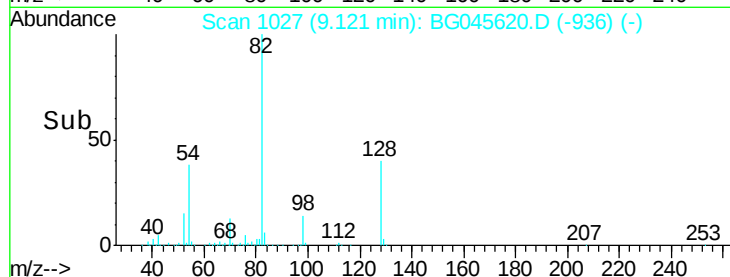
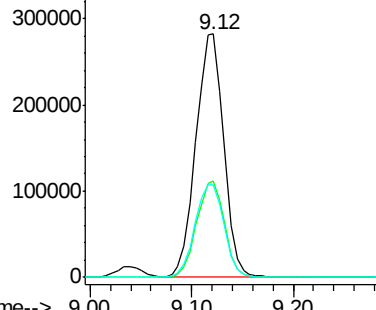
Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	39.8	30.9	46.3
54	38.1	30.3	45.5

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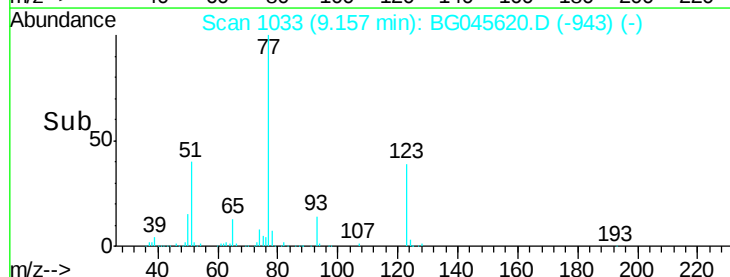
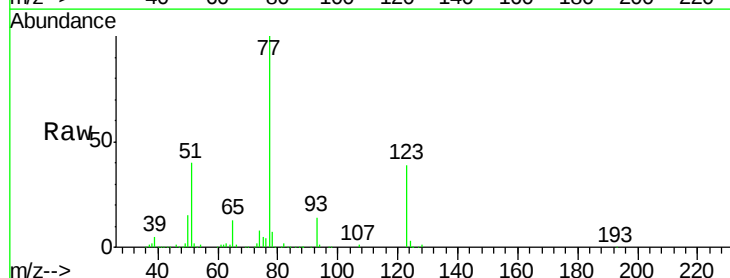
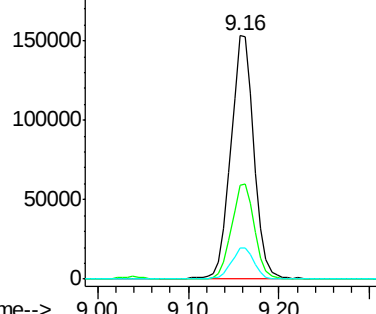
Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

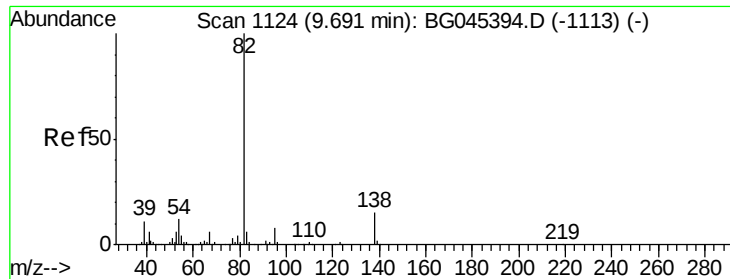


#24
 Nitrobenzene
 Concen: 56.24 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	38.8	32.9	49.3
65	12.8	9.4	14.2

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: 54.93 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

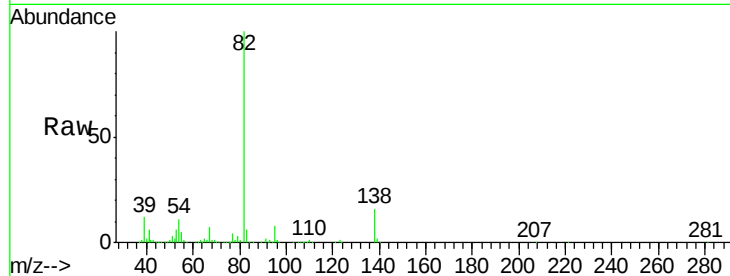
ClientSampleId :

PB129333BSD

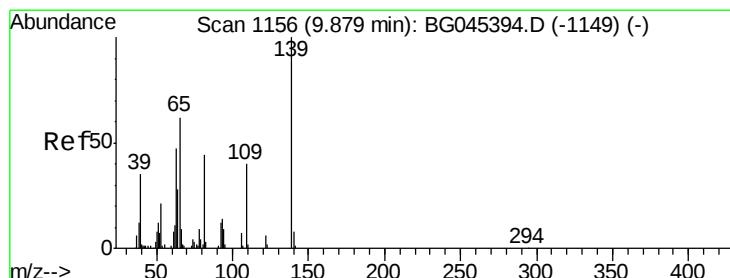
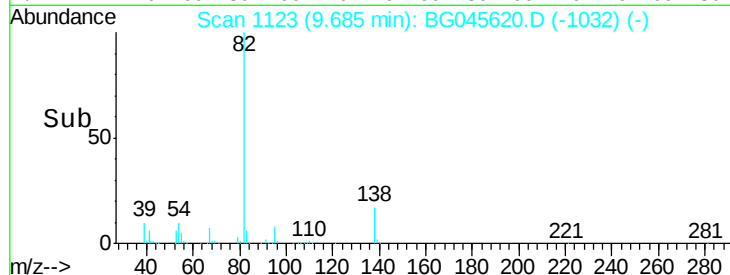
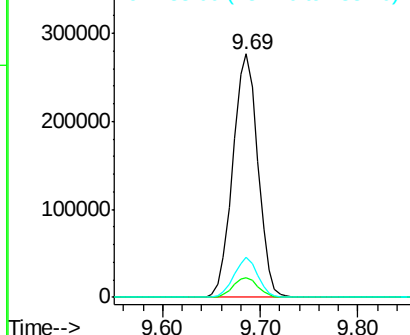
Tgt Ion:	82	Resp:	492540
Ion Ratio		Lower	Upper
82	100		
95	8.0	6.7	10.1
138	16.4	12.2	18.4

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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 57.91 ng

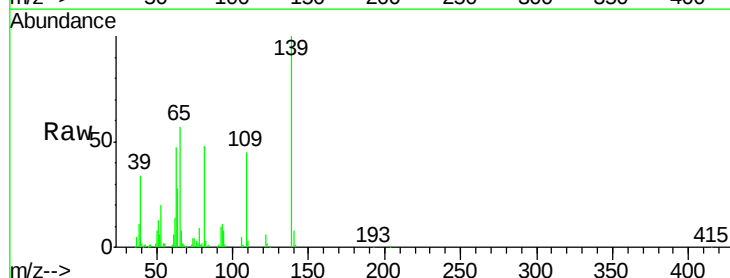
RT: 9.87 min Scan# 1155

Delta R.T. 0.00 min

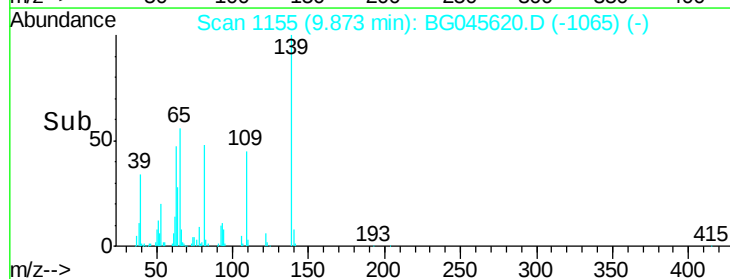
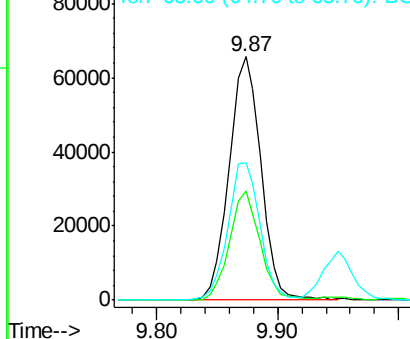
Lab File: BG045620.D

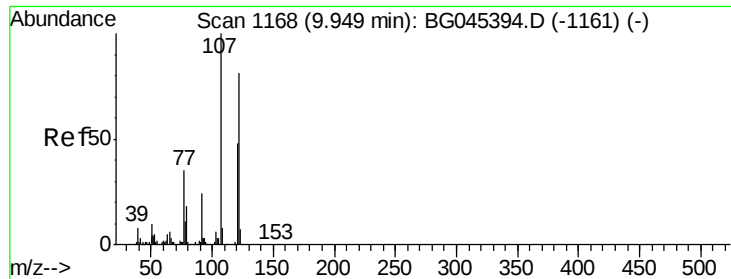
Acq: 5 Jun 2020 17:29

Tgt Ion:	139	Resp:	120839
Ion Ratio		Lower	Upper
139	100		
109	44.9	32.2	48.4
65	56.5	49.6	74.4



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





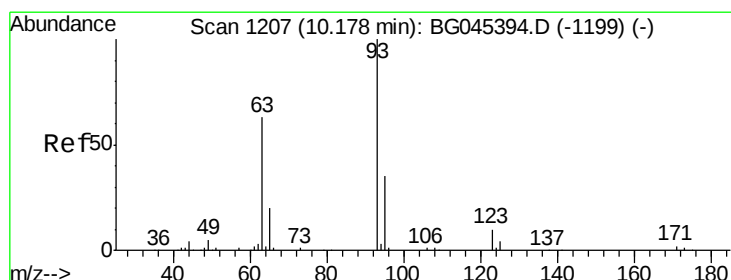
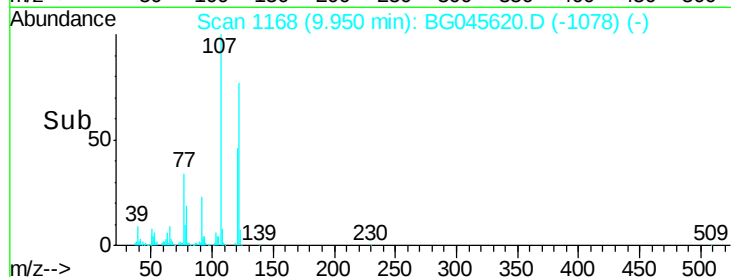
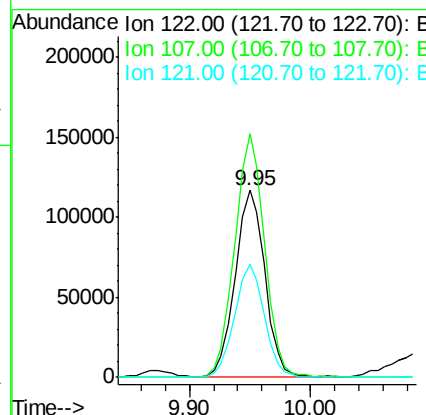
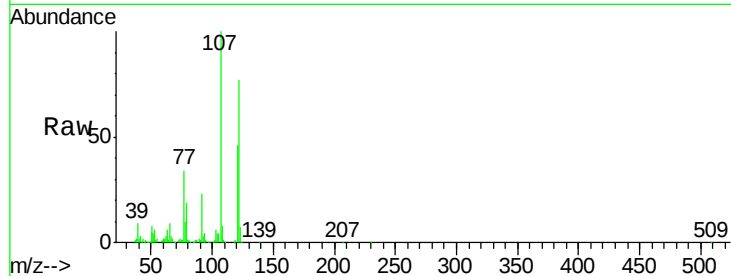
#27
2,4-Dimethylphenol
Concen: 64.68 ng
RT: 9.95 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	200190		
107	130.3	99.0	148.4	
121	60.5	47.7	71.5	

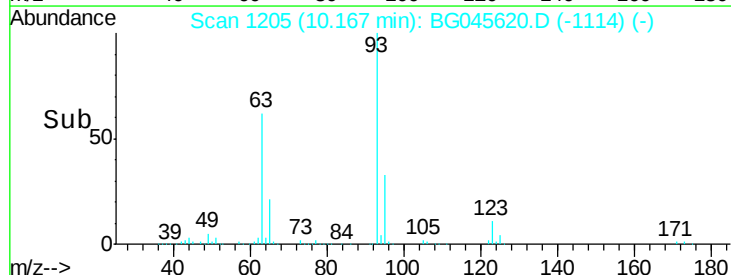
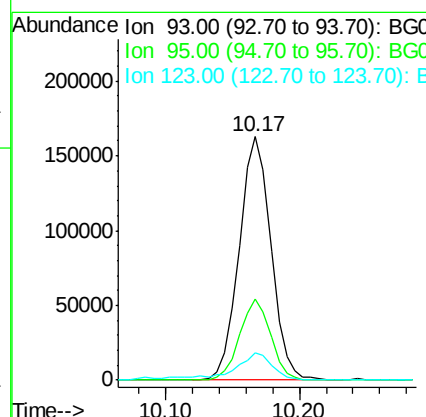
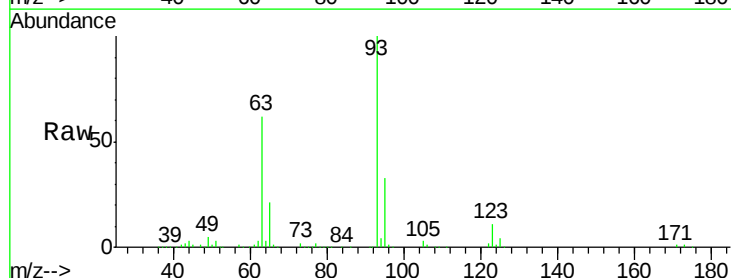
Manual Integrations
APPROVED

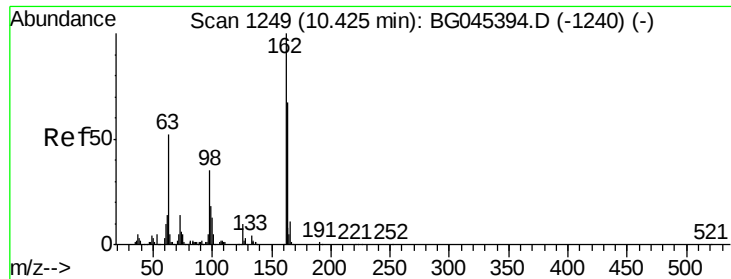
mohammad
6/8/2020 12:50:13 PM



#28
bis(2-Chloroethoxy)methane
Concen: 57.15 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	268712		
95	33.5	27.6	41.4	
123	11.0	8.1	12.1	





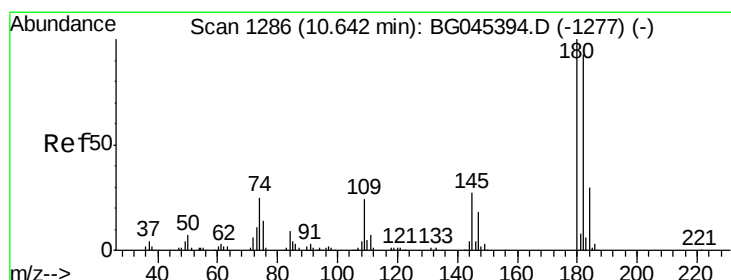
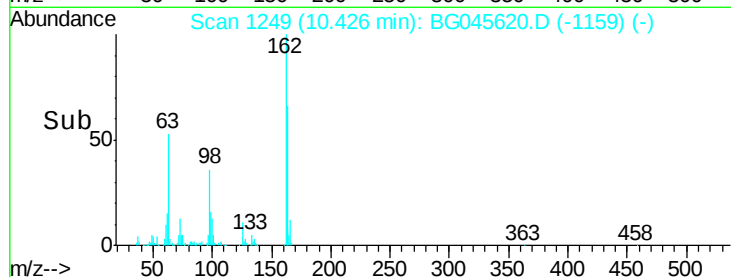
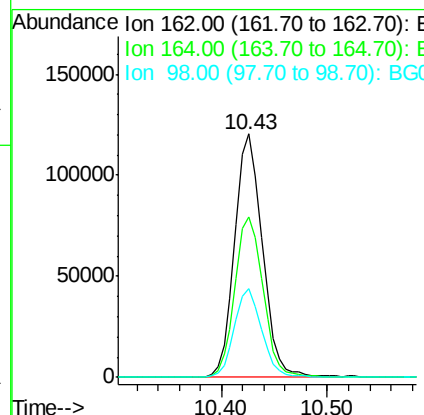
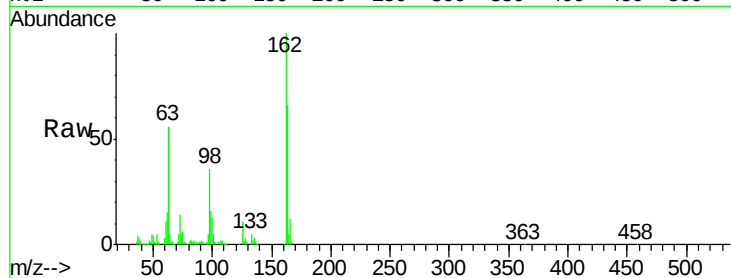
#29
 2,4-Dichlorophenol
 Concen: 59.92 ng
 RT: 10.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	218977		
164	65.9	46.8	86.8	
98	36.2	15.2	55.2	

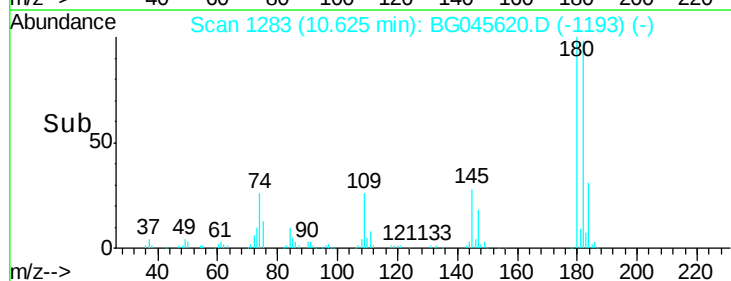
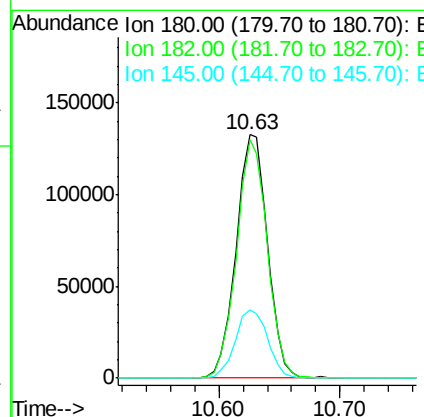
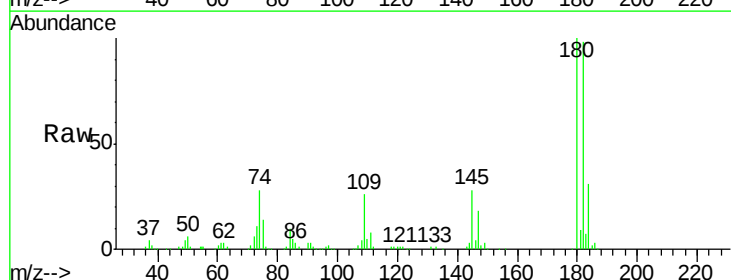
Manual Integrations
 APPROVED

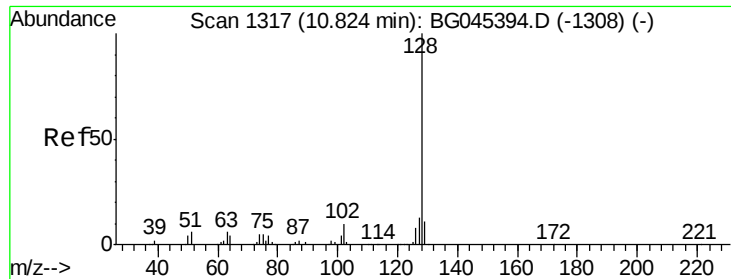
mohammad
 6/8/2020 12:50:13 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 55.61 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	240134		
182	98.2	74.8	112.2	
145	28.1	21.9	32.9	





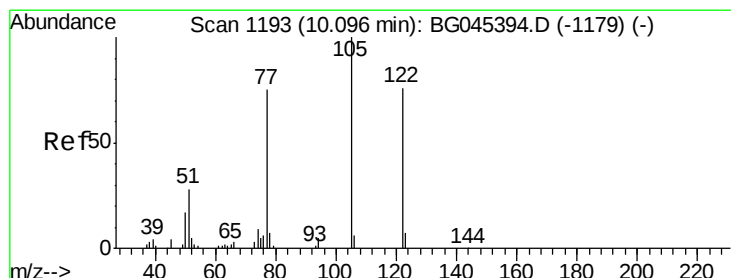
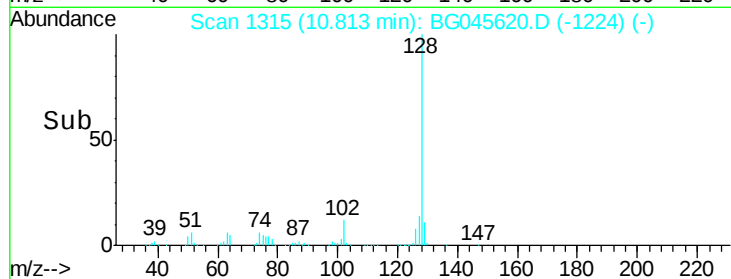
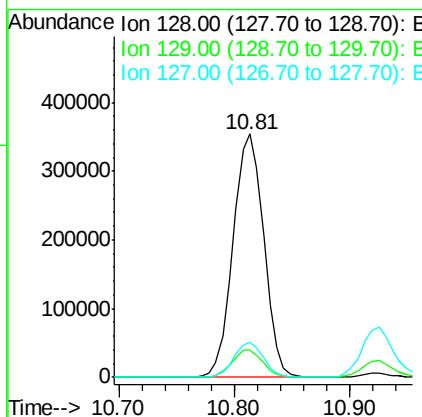
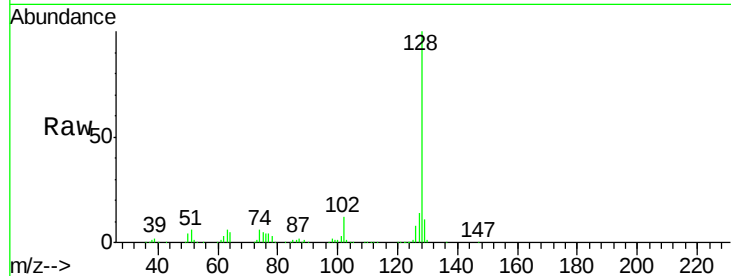
#31
Naphthalene
Concen: 56.31 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	651448		
129	11.3	9.0	13.6	
127	14.3	10.7	16.1	

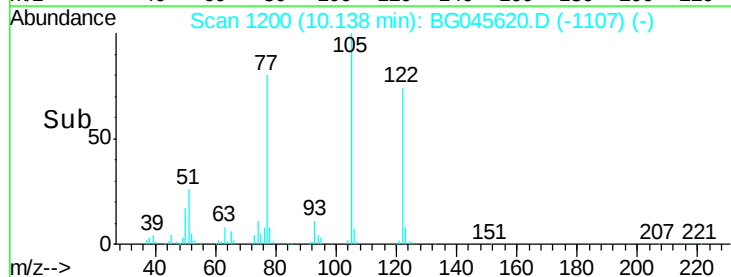
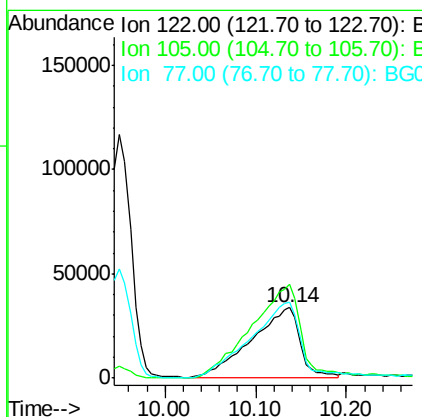
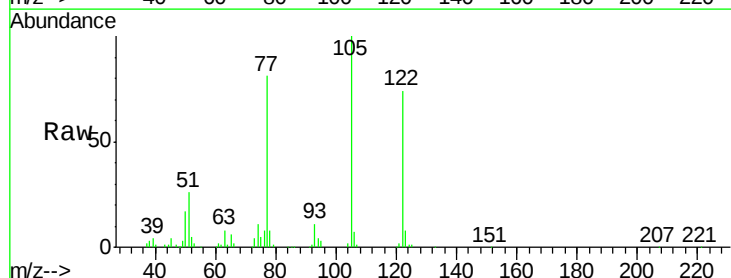
Manual Integrations
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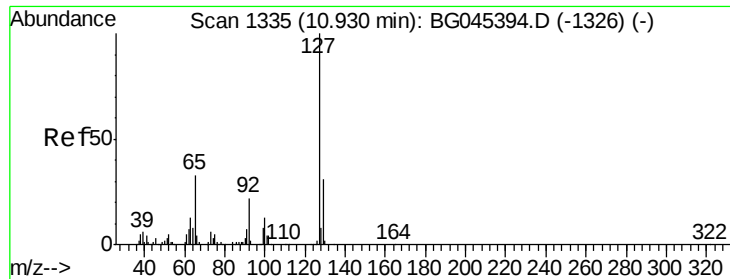
mohammad
6/8/2020 12:50:13 PM



#32
Benzoic acid
Concen: 56.85 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.02 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	124573		
105	134.3	107.9	147.9	
77	108.1	78.9	118.9	





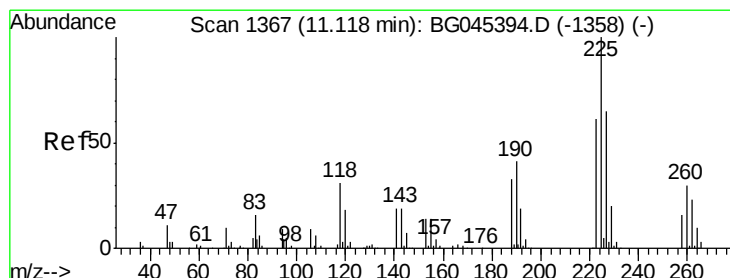
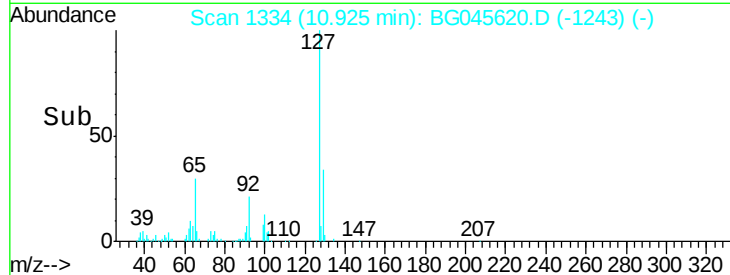
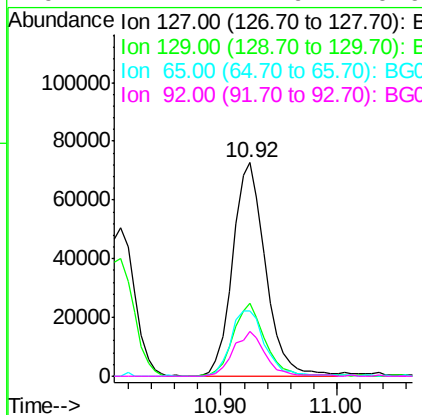
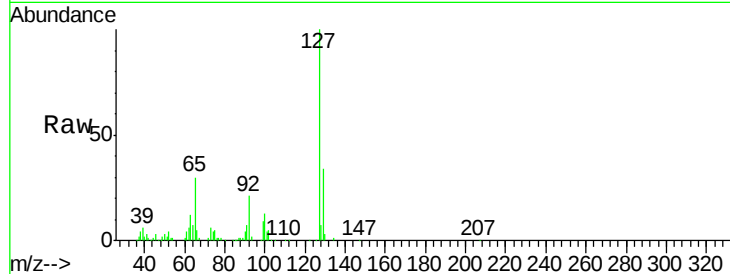
#33
4-Chloroaniline
Concen: 29.70 ng
RT: 10.92 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	143613		
129	34.1	24.7	37.1	
65	30.3	26.2	39.2	
92	21.2	17.9	26.9	

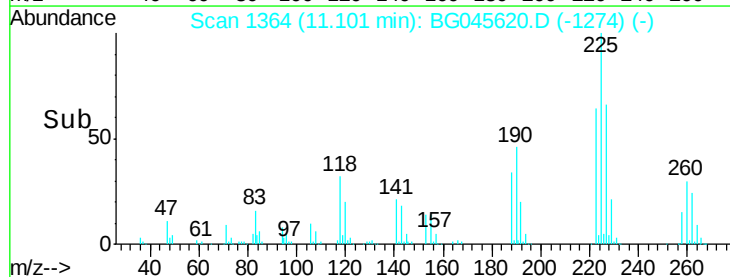
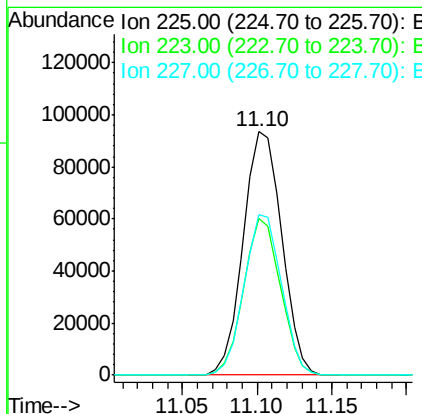
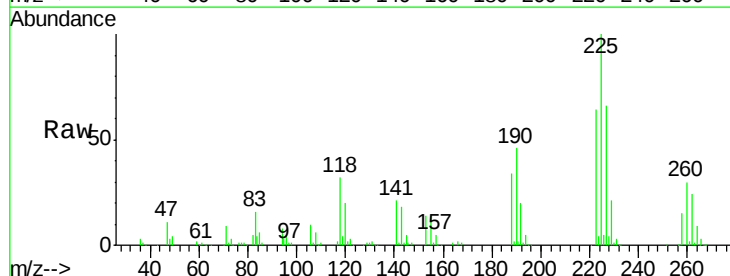
Manual Integrations
APPROVED

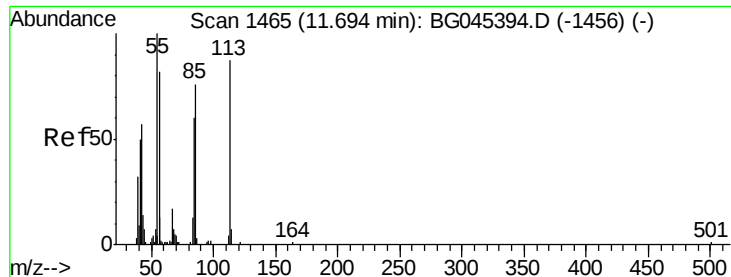
mohammad
6/8/2020 12:50:13 PM



#34
Hexachlorobutadiene
Concen: 54.67 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	166883		
223	64.3	49.1	73.7	
227	65.9	52.0	78.0	





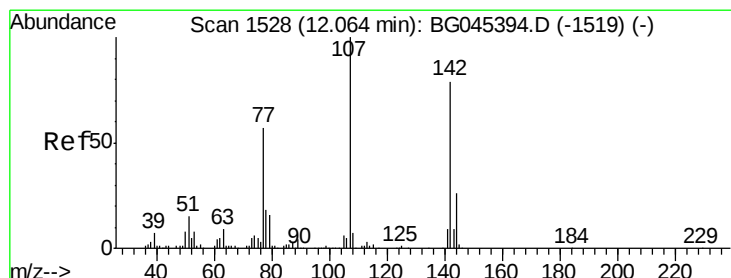
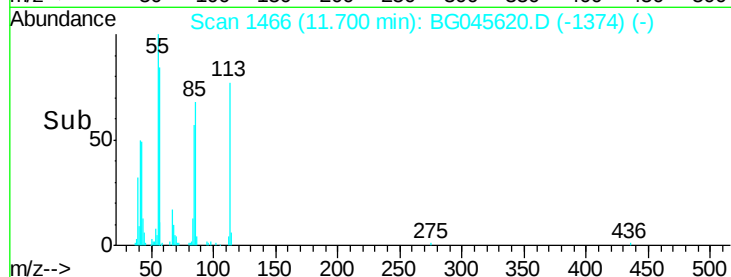
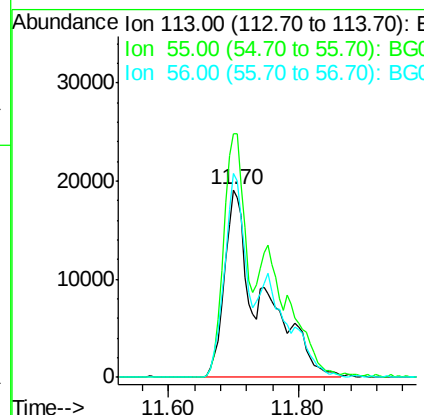
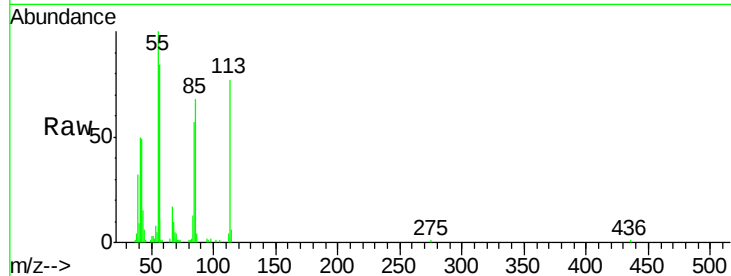
#35
 Caprolactam
 Concen: 56.52 ng m
 RT: 11.70 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	75816		
55	129.6	96.0	136.0	
56	108.7	75.1	115.1	

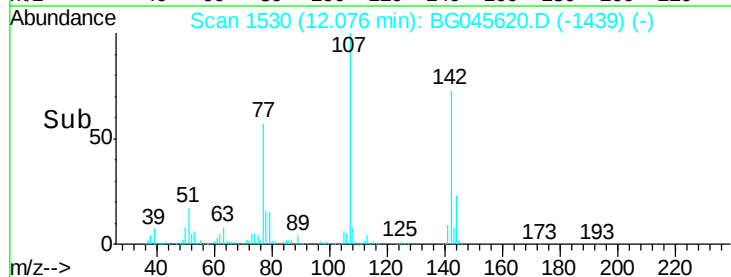
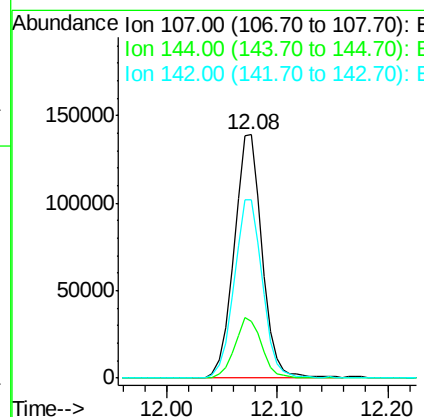
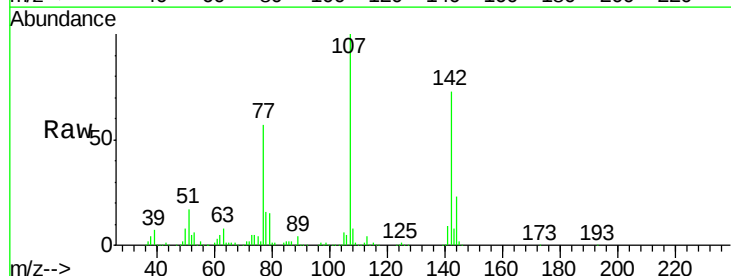
Manual Integrations
 APPROVED

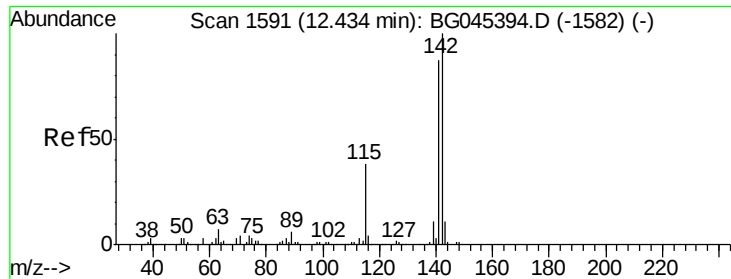
mohammad
 6/8/2020 12:50:13 PM



#36
 4-Chloro-3-methylphenol
 Concen: 60.10 ng
 RT: 12.08 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	247505		
144	23.2	20.8	31.2	
142	73.1	62.8	94.2	





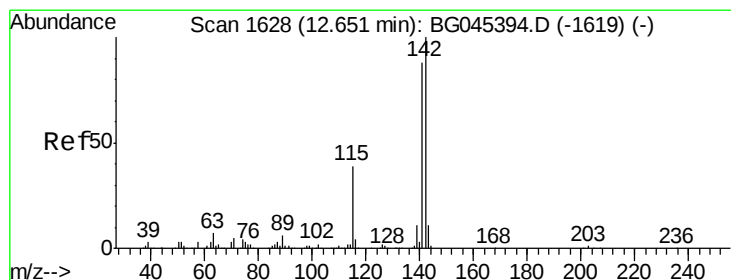
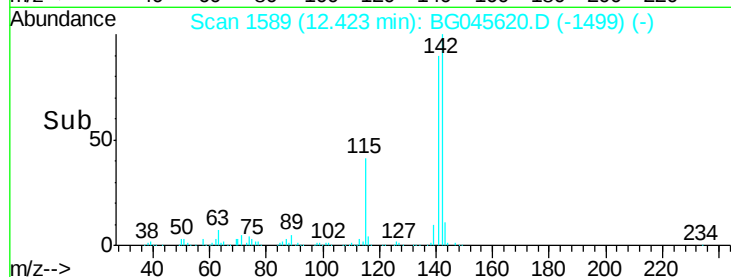
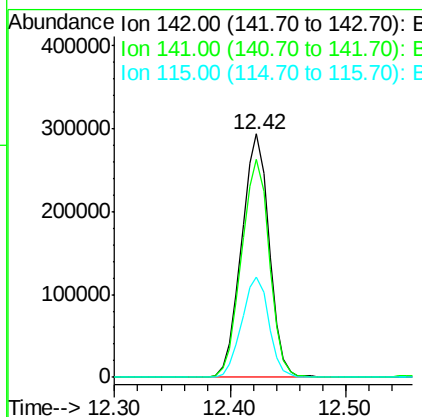
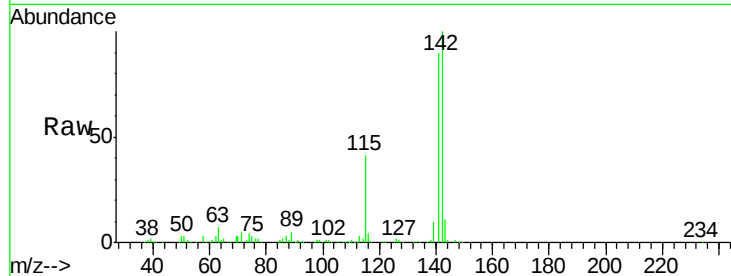
#37
2-Methylnaphthalene
Concen: 56.48 ng
RT: 12.42 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.0	105.0
115	41.2	30.8	46.2

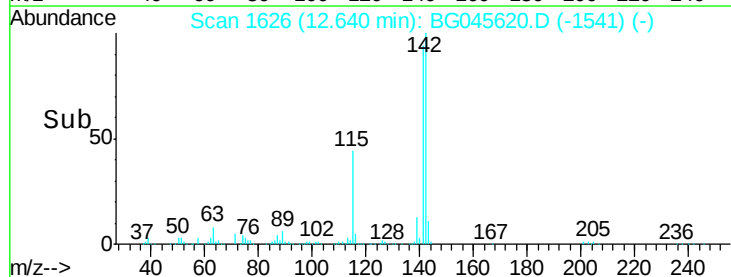
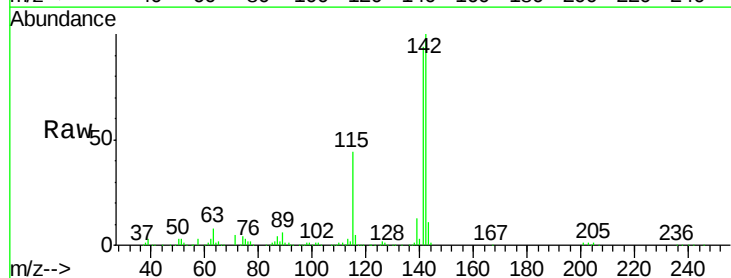
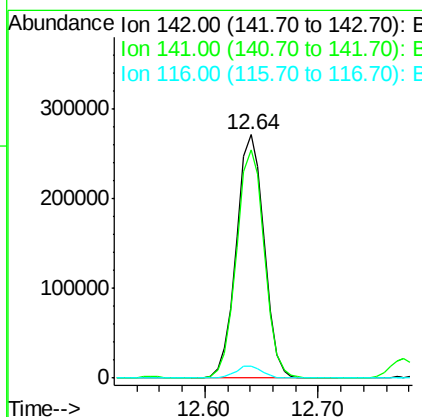
Manual Integrations
APPROVED

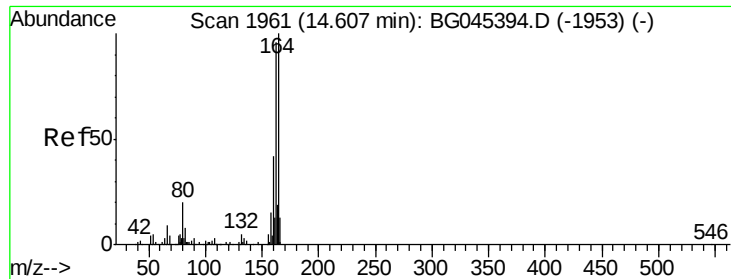
mohammad
6/8/2020 12:50:13 PM



#38
1-Methylnaphthalene
Concen: 56.41 ng m
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	70.8	106.2
116	5.0	3.0	4.6#





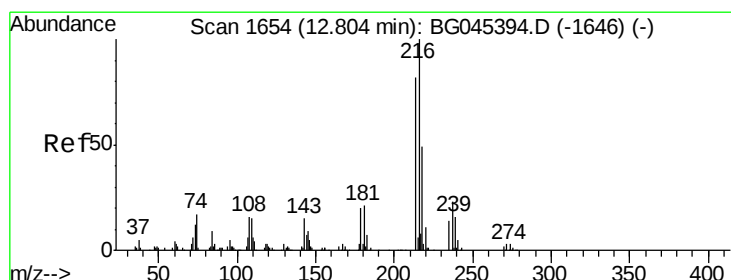
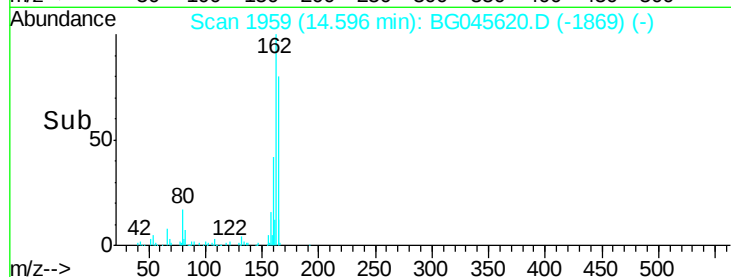
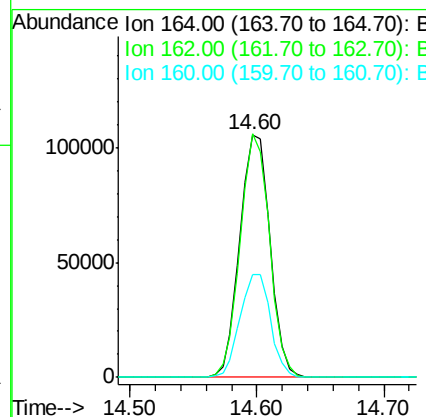
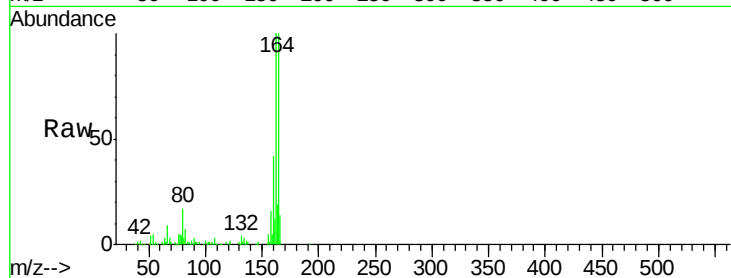
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	76.9	115.3
160	42.6	33.8	50.8

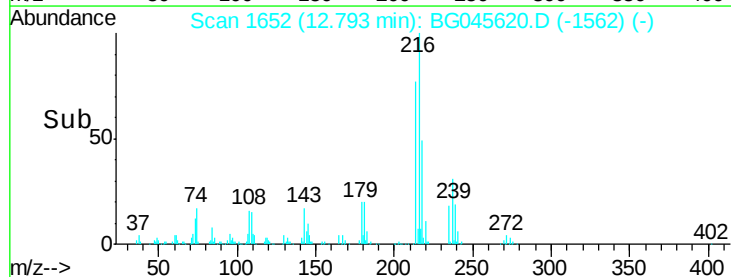
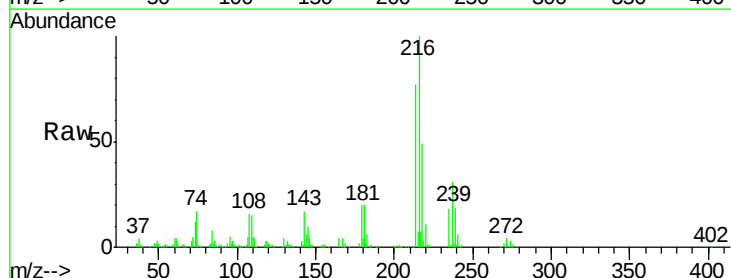
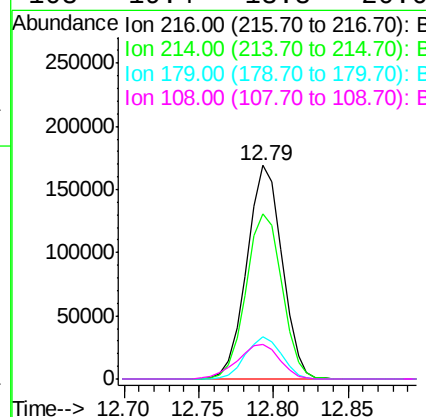
Manual Integrations
APPROVED

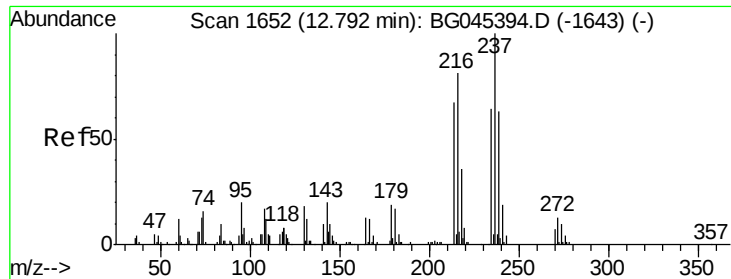
mohammad
6/8/2020 12:50:13 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.54 ng
RT: 12.79 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.7	95.5
179	20.2	16.1	24.1
108	19.4	13.8	20.6





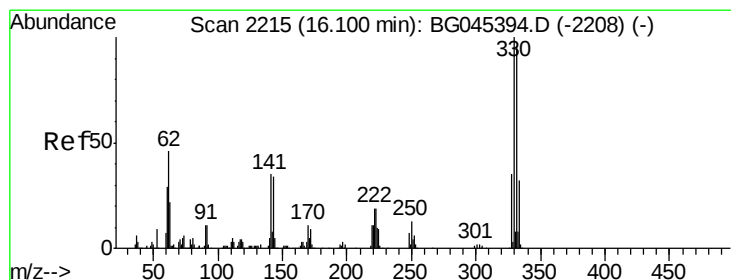
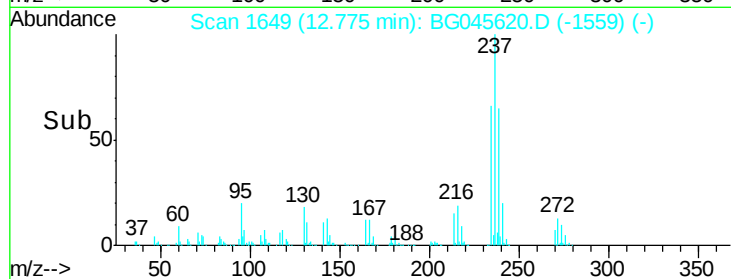
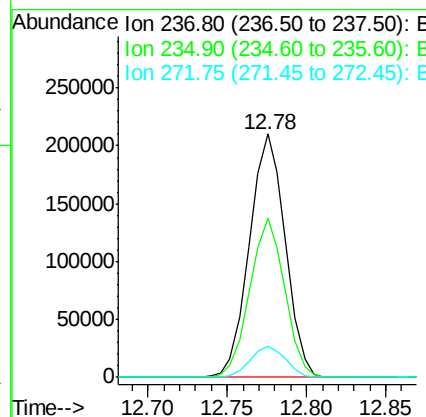
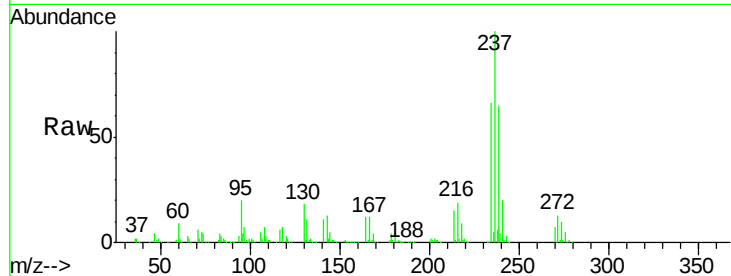
#41
Hexachlorocyclopentadiene
Concen: 116.63 ng
RT: 12.78 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	65.5	44.4	84.4
272	13.0	0.0	32.5

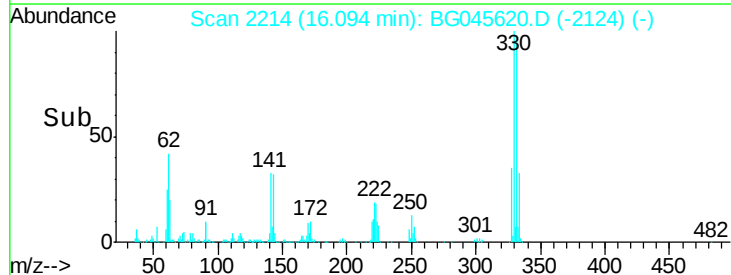
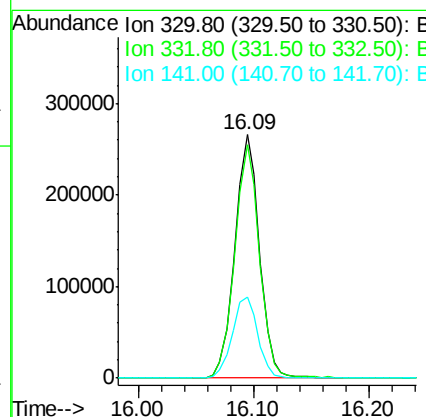
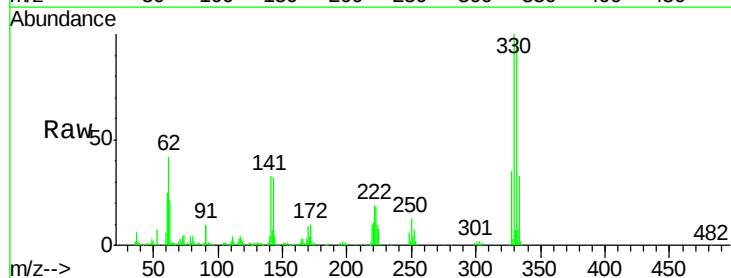
Manual Integrations
APPROVED

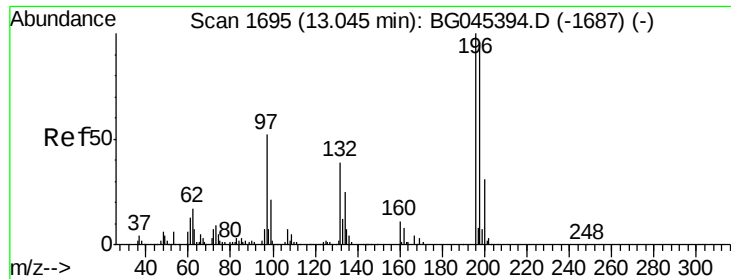
mohammad
6/8/2020 12:50:13 PM



#42
2,4,6-Tribromophenol
Concen: 175.09 ng
RT: 16.09 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.6	78.2	117.4
141	34.6	28.2	42.4





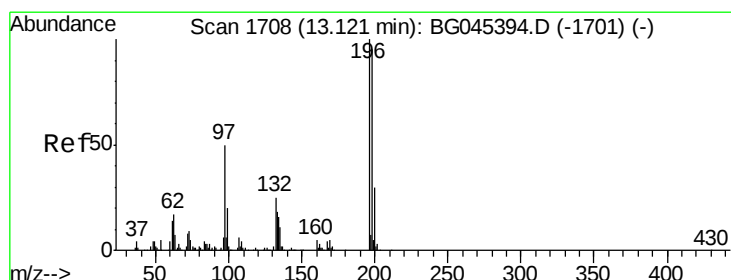
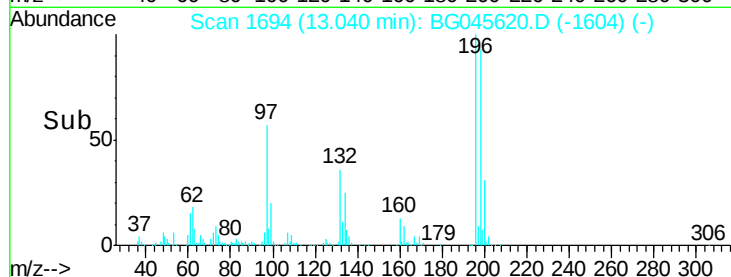
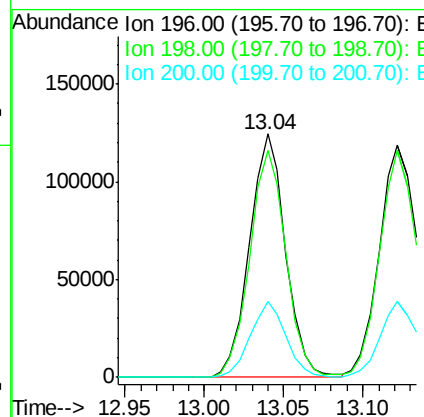
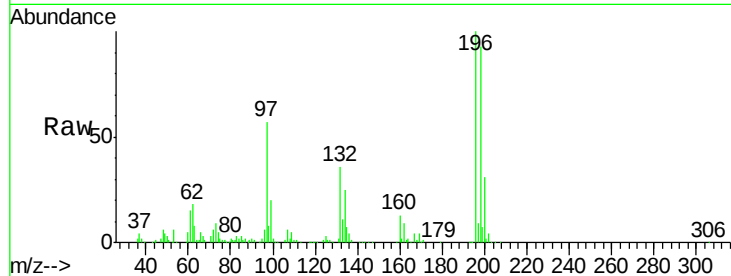
#43
 2,4,6-Trichlorophenol
 Concen: 57.85 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	196074		
198	93.1	76.7	115.1	
200	31.2	24.9	37.3	

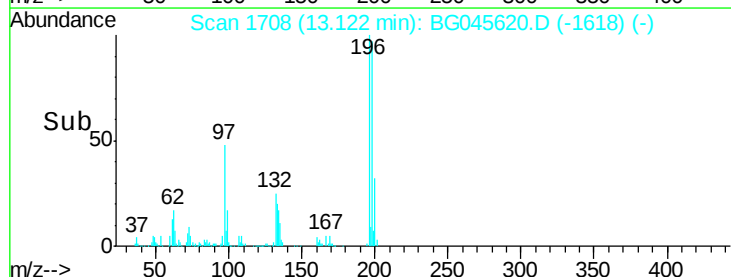
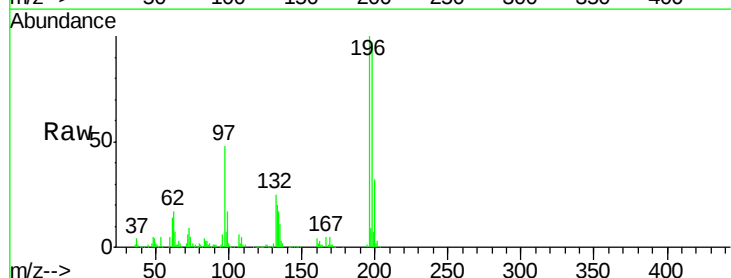
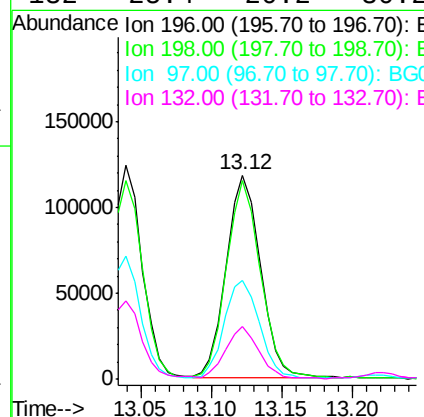
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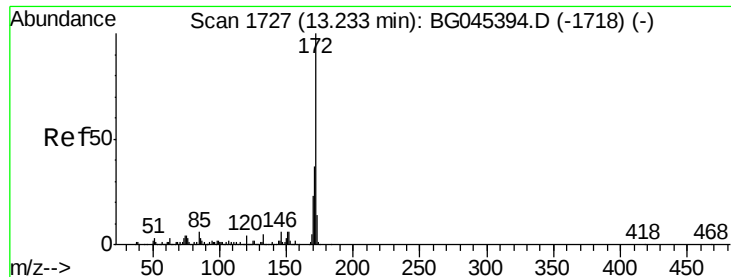
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 51.84 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	200783		
198	97.3	76.1	114.1	
97	48.1	40.0	60.0	
132	25.4	20.2	30.2	





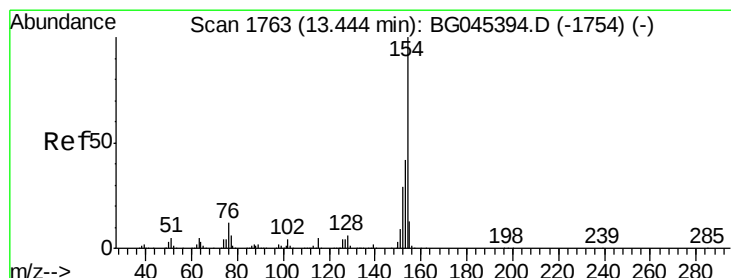
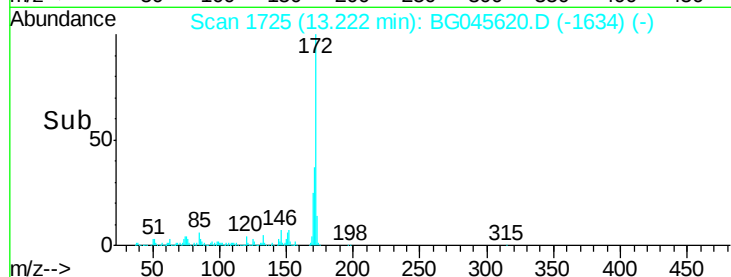
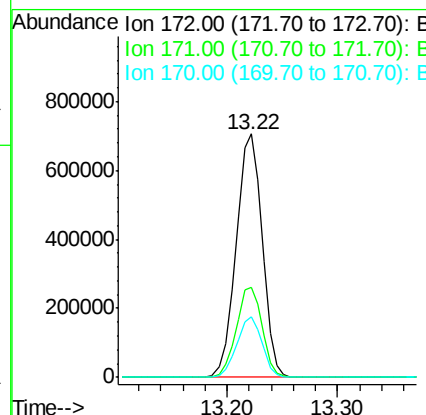
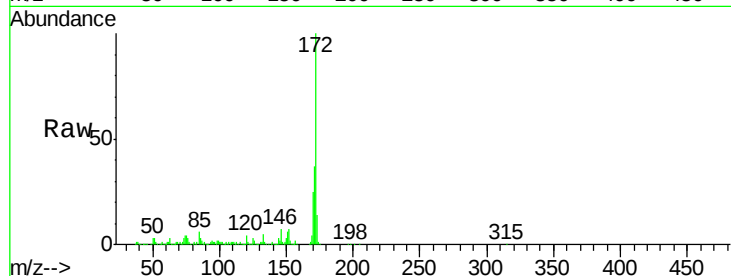
#45
2-Fluorobiphenyl
Concen: 113.50 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.5	44.3
170	25.0	18.5	27.7

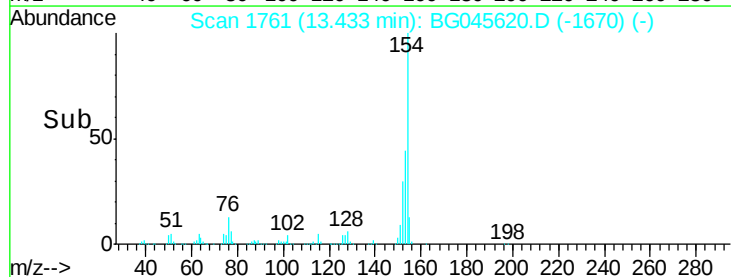
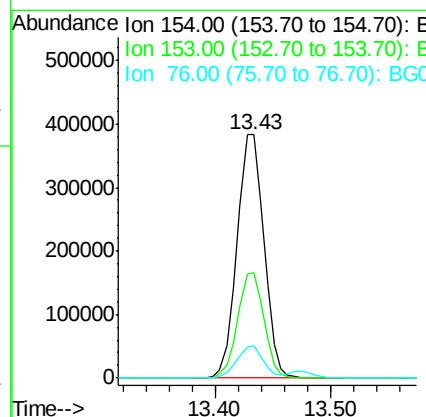
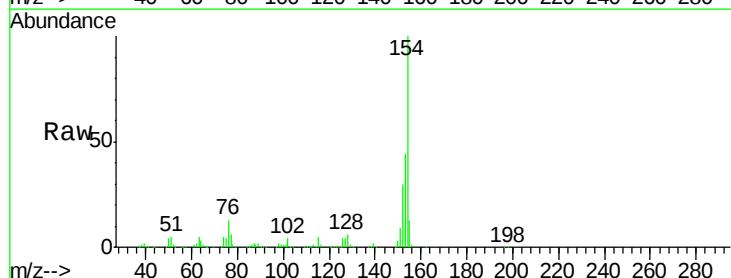
Manual Integrations
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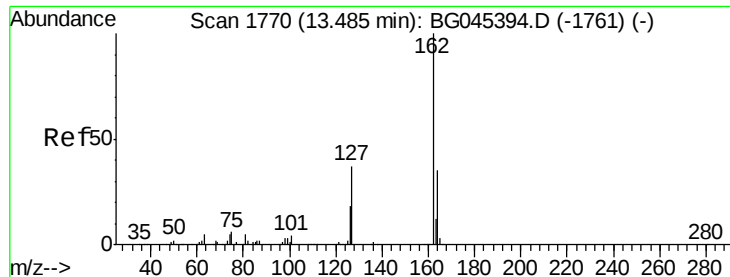
mohammad
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#46
1,1'-Biphenyl
Concen: 57.69 ng
RT: 13.43 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	22.2	62.2
76	13.3	0.0	32.4





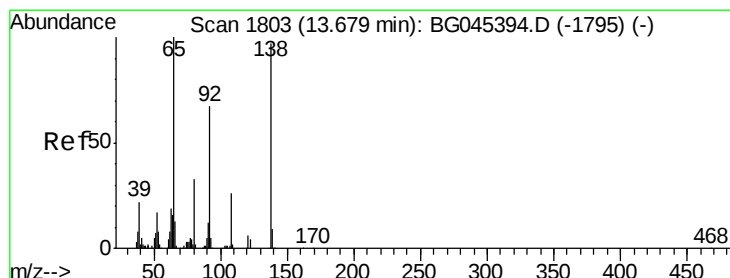
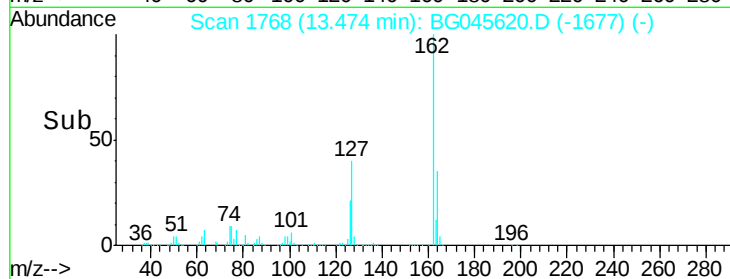
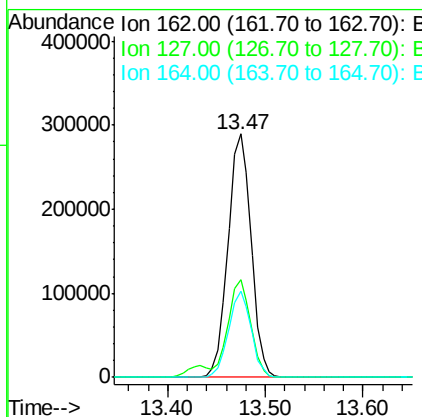
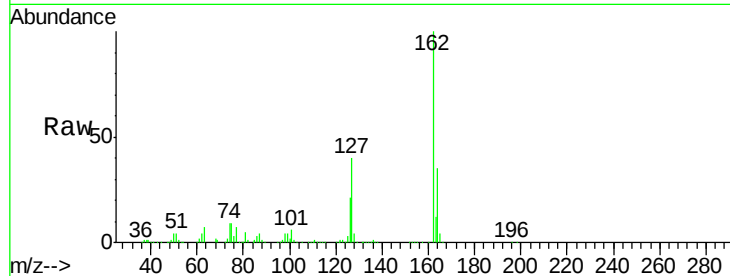
#47
2-Chloronaphthalene
Concen: 54.75 ng
RT: 13.47 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	477208		
127	39.9	31.6	47.4	
164	35.4	28.1	42.1	

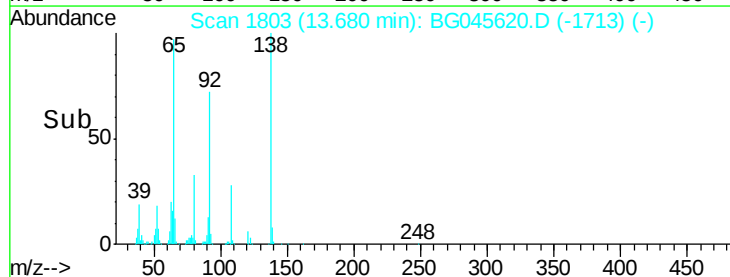
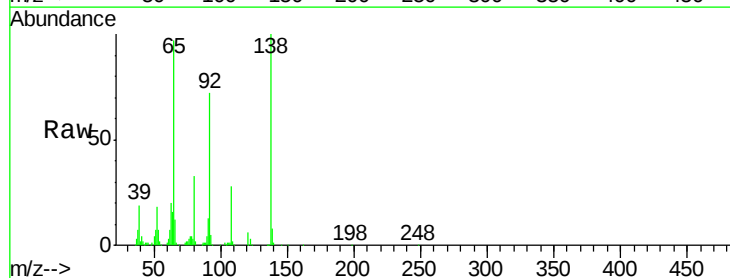
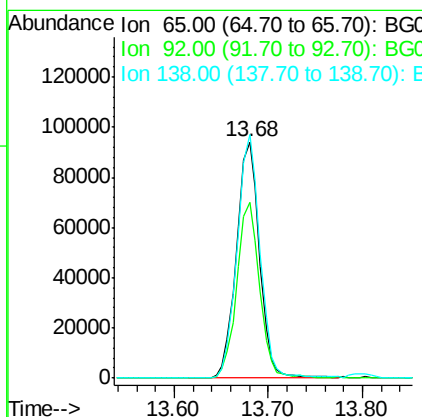
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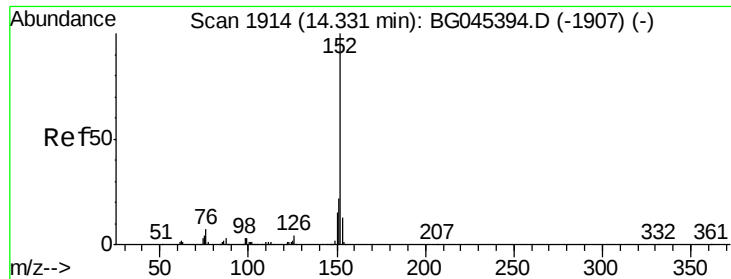
mohammad
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#48
2-Nitroaniline
Concen: 56.11 ng
RT: 13.68 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	160848		
92	74.3	53.8	80.8	
138	103.2	77.9	116.9	





#49

Acenaphthylene

Concen: 56.74 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

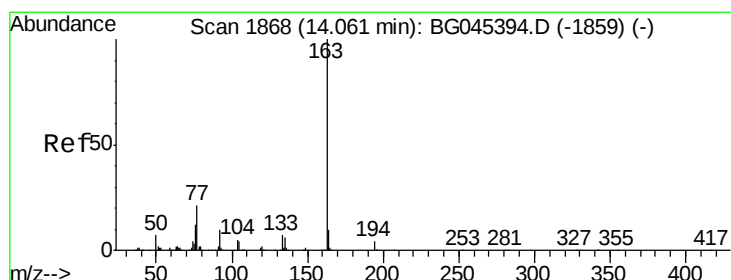
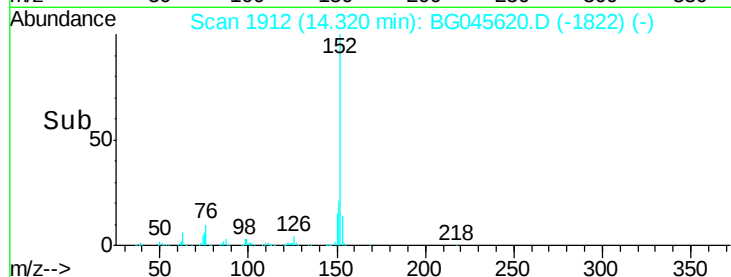
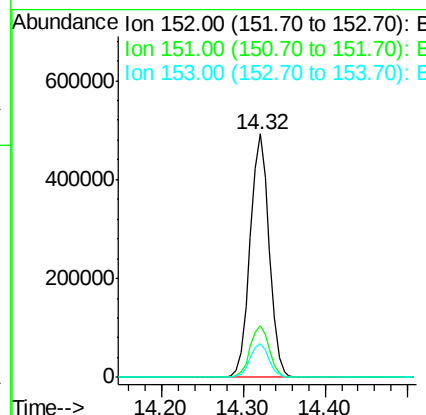
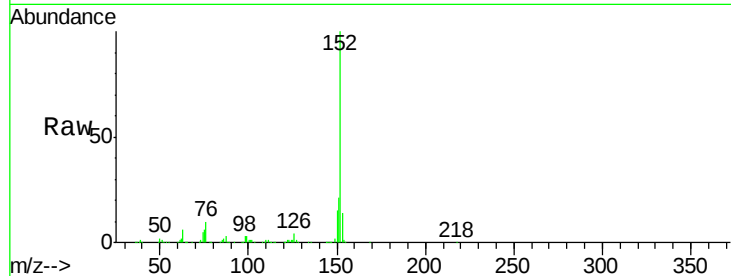
ClientSampleId :

PB129333BSD

Tgt	Ion	Resp	Lower	Upper
152	100			
151	21.3	17.4	26.2	
153	13.6	10.7	16.1	

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#50

Dimethylphthalate

Concen: 54.20 ng

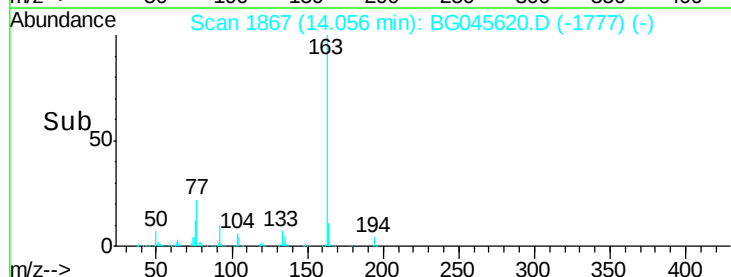
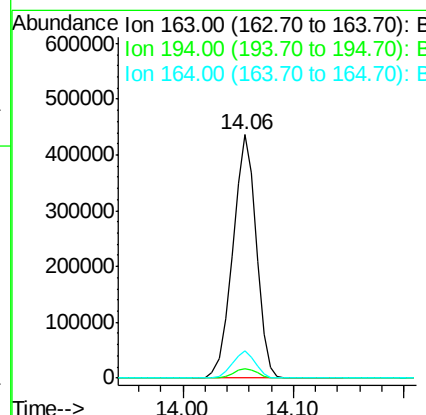
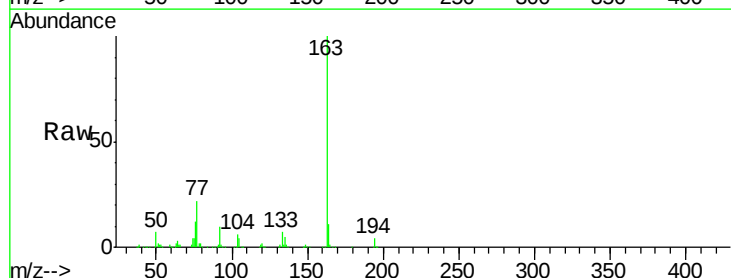
RT: 14.06 min Scan# 1867

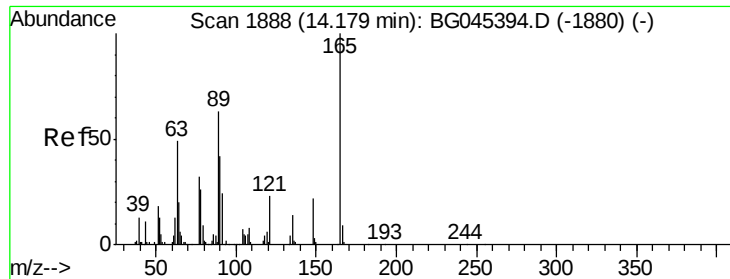
Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Tgt	Ion	Resp	Lower	Upper
163	100			
194	4.1	3.2	4.8	
164	11.0	8.3	12.5	





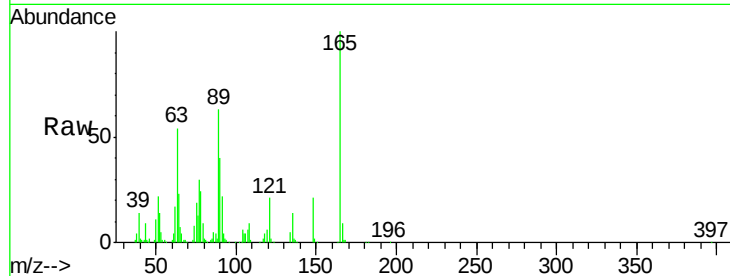
#51
 2,6-Dinitrotoluene
 Concen: 56.19 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

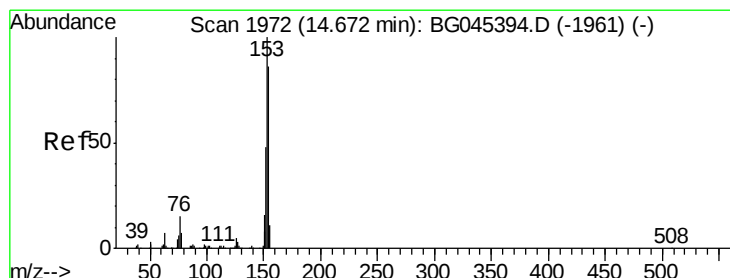
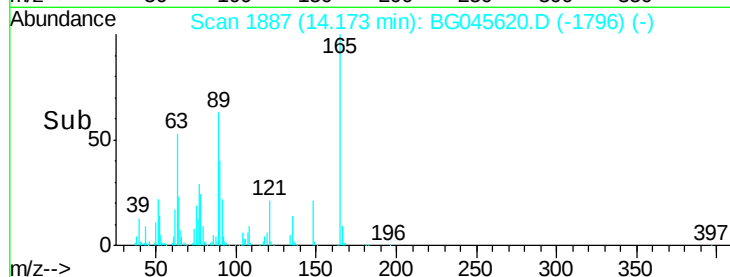
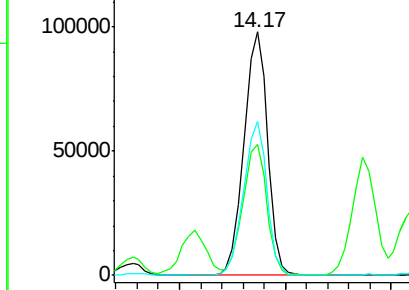
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	151918		
63	53.6	45.0	67.4	
89	63.4	50.2	75.4	

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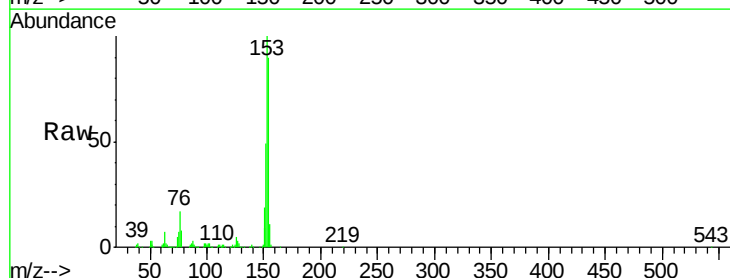


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

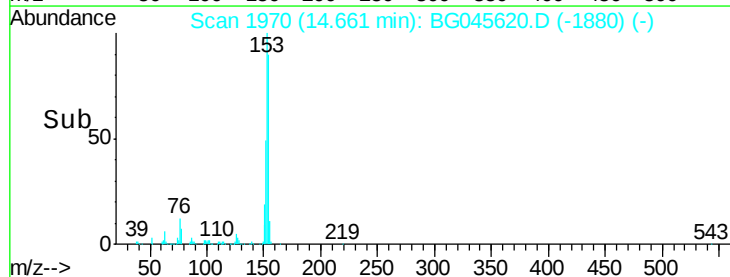
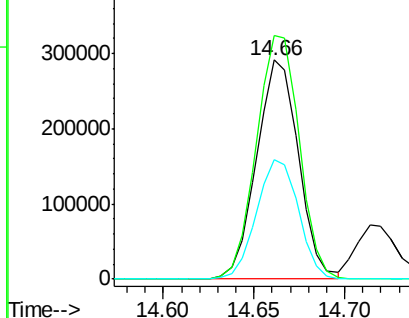


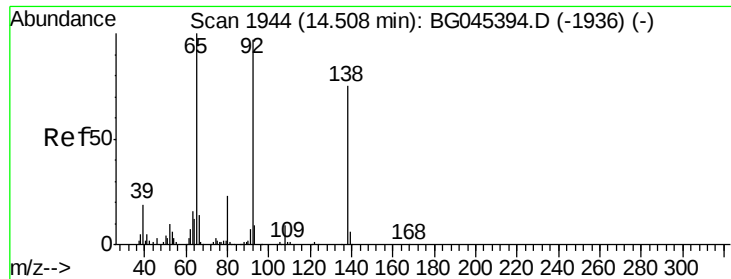
#52
 Acenaphthene
 Concen: 49.94 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	467963		
153	111.1	92.8	139.2	
152	54.5	44.6	66.8	



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





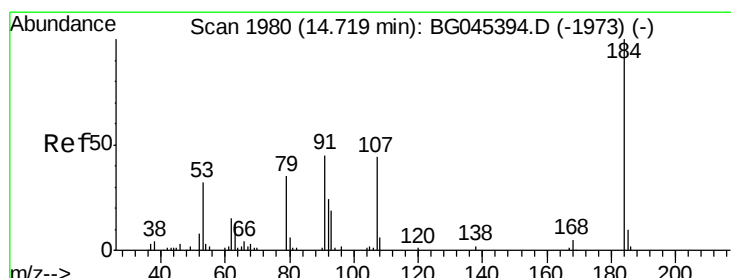
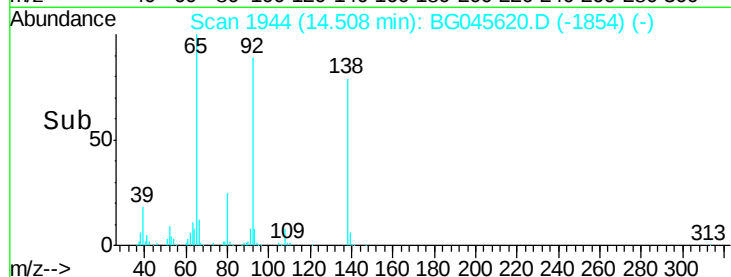
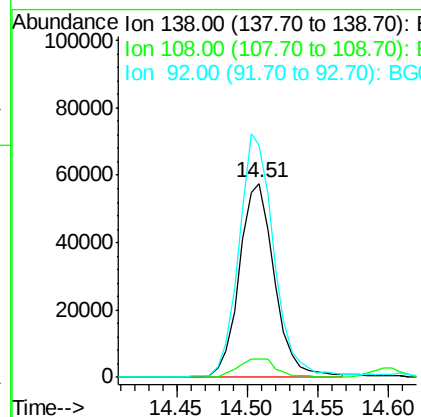
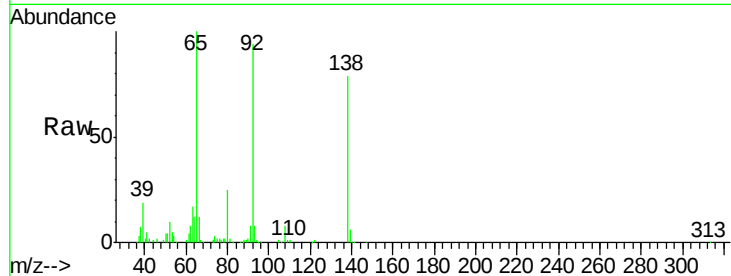
#53
3-Nitroaniline
Concen: 36.51 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.7	9.8	14.6#
92	119.5	103.0	154.4

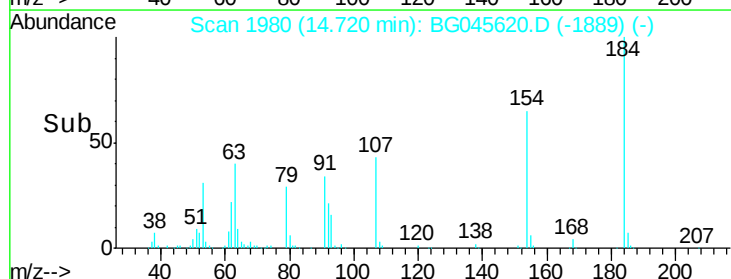
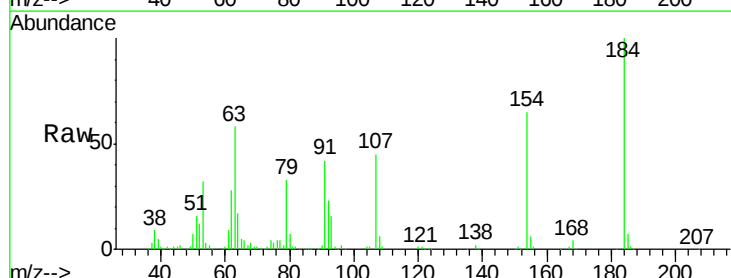
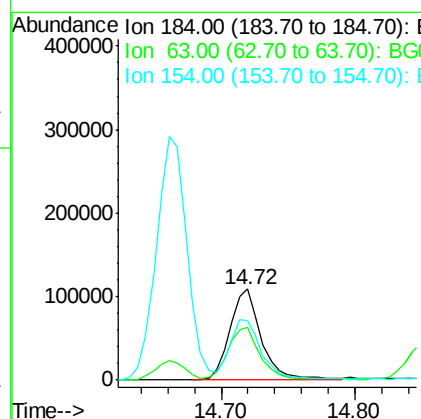
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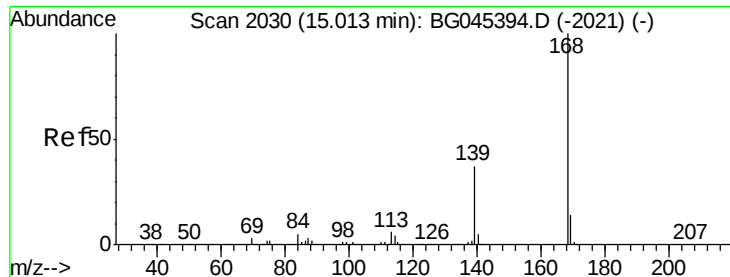
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#54
2,4-Dinitrophenol
Concen: 100.37 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.3	47.8	71.6
154	65.3	58.3	87.5





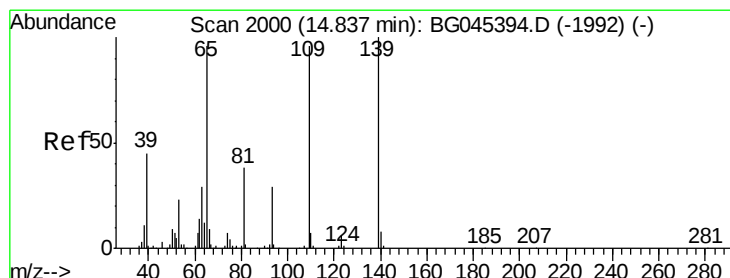
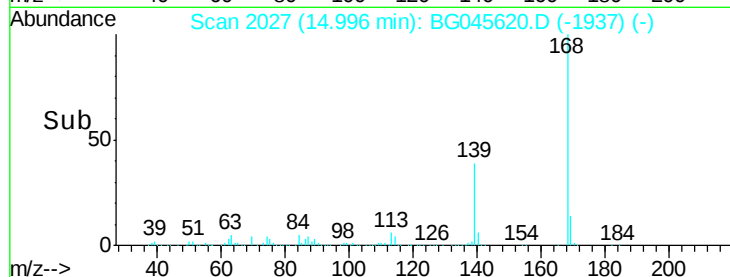
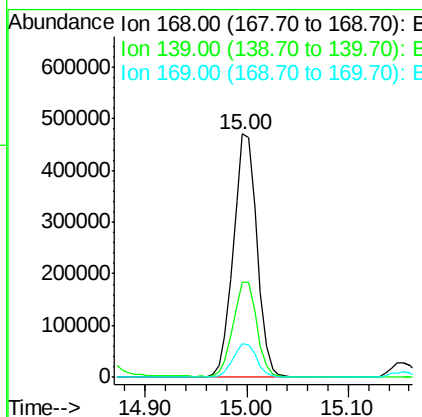
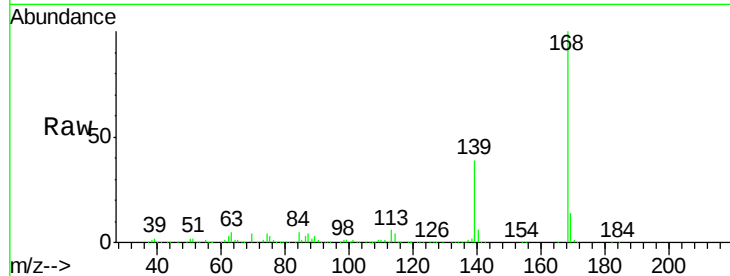
#55
Dibenzofuran
Concen: 54.67 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	760783		
139	38.9	29.9	44.9	
169	14.0	10.9	16.3	

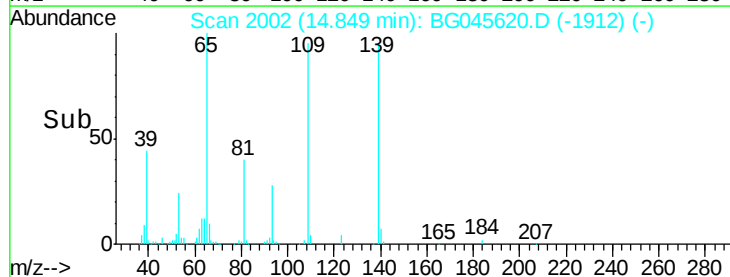
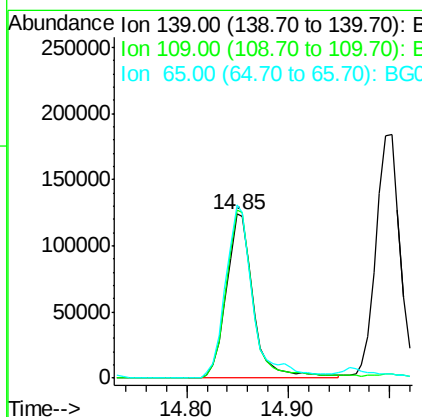
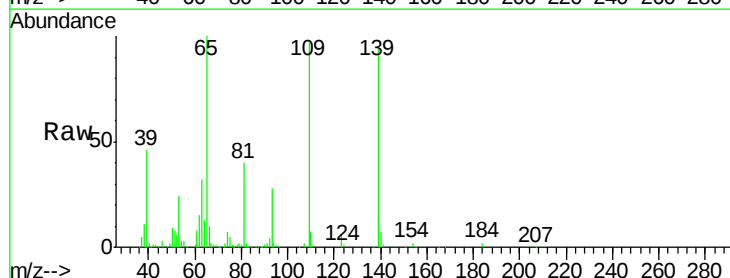
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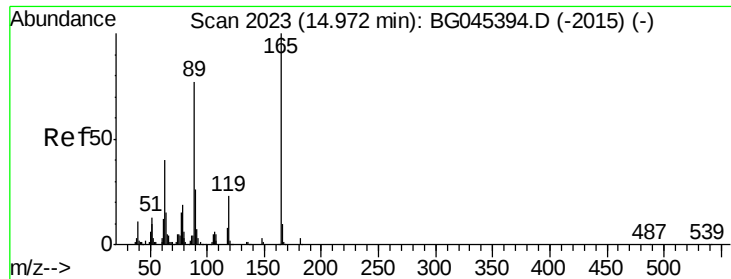
mohammad
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#56
4-Nitrophenol
Concen: 110.30 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	229523		
109	102.4	75.6	115.6	
65	105.8	76.8	116.8	





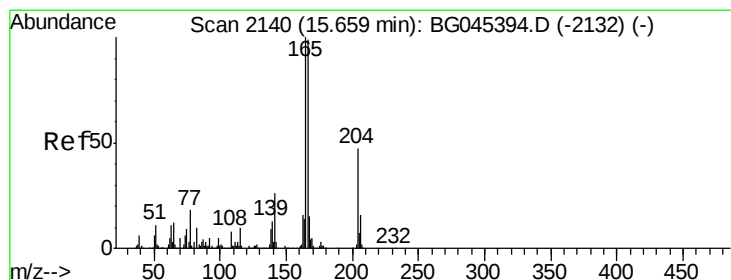
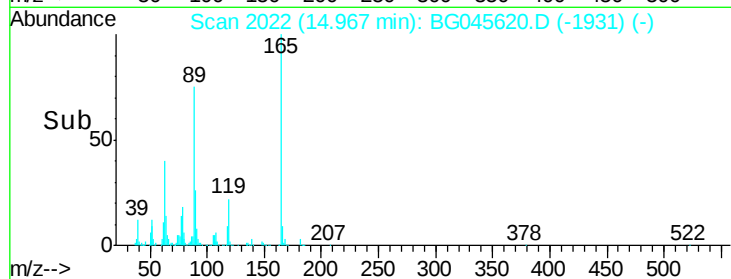
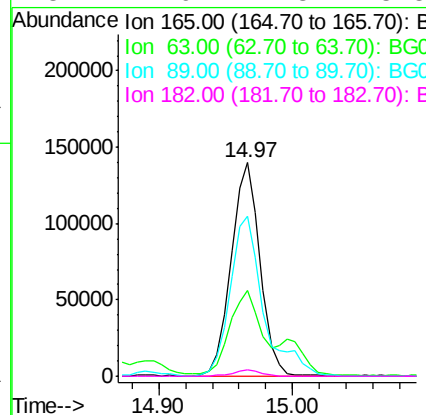
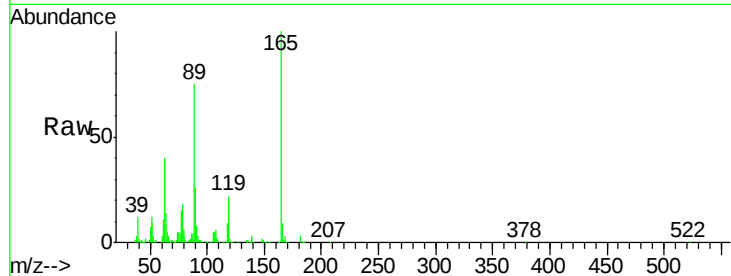
#57
2,4-Dinitrotoluene
Concen: 54.01 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	40.4	32.5	48.7
89	75.2	61.8	92.6
182	2.9	2.3	3.5

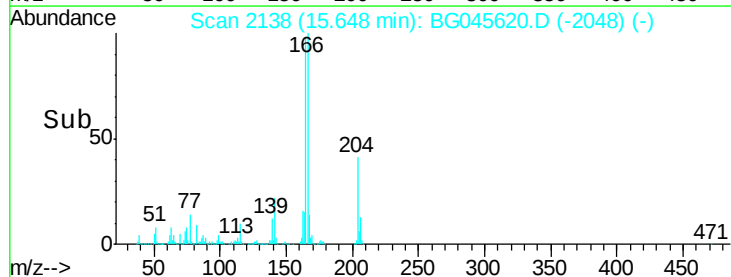
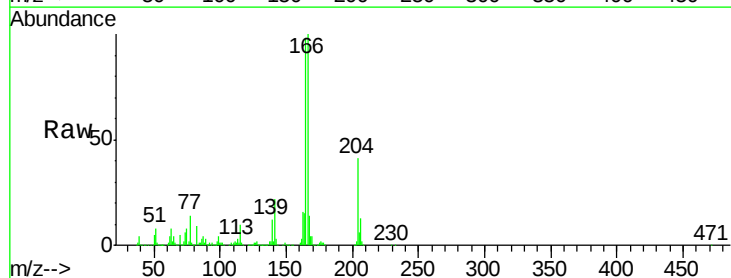
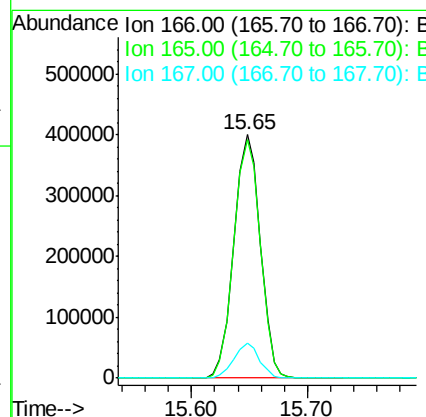
Manual Integrations
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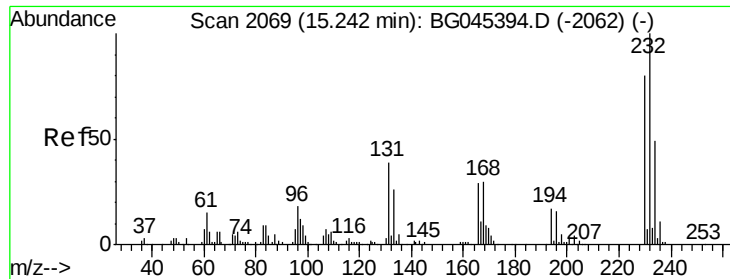
mohammad
6/8/2020 12:50:13 PM



#58
Fluorene
Concen: 55.41 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.2	80.8	121.2
167	14.4	12.0	18.0





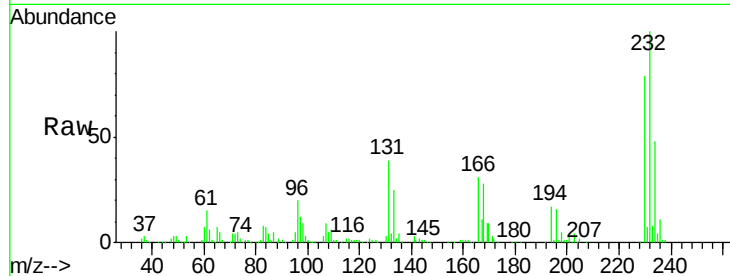
#59
2,3,4,6-Tetrachlorophenol
Concen: 57.67 ng
RT: 15.24 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

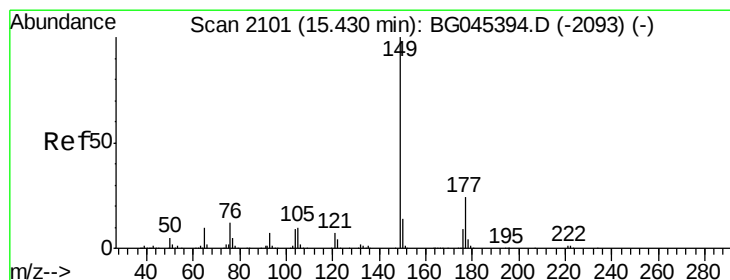
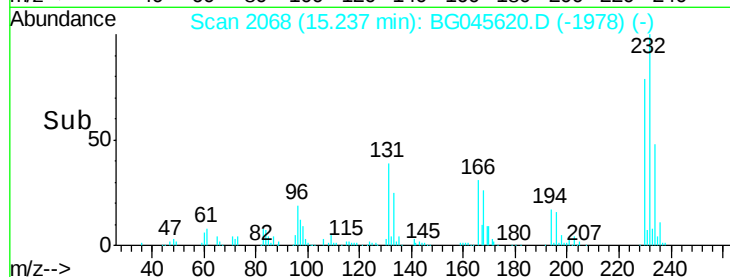
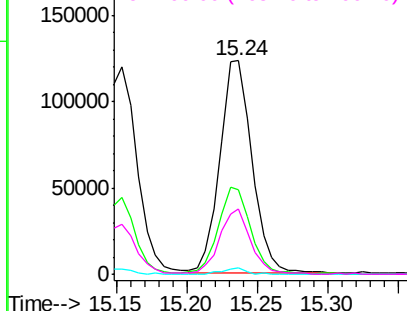
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	196497		
131	40.7	33.7	50.5	
130	2.2	2.1	3.1	
166	28.9	23.2	34.8	

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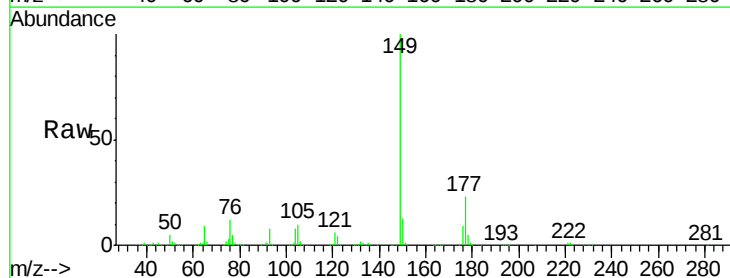


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

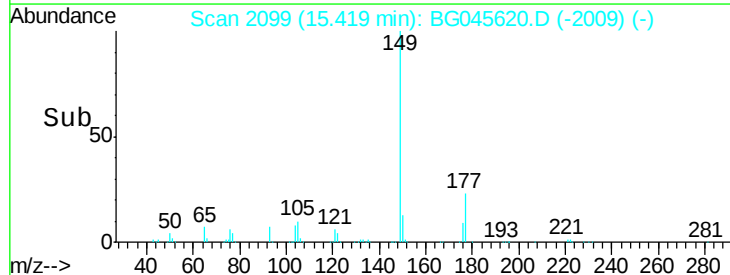
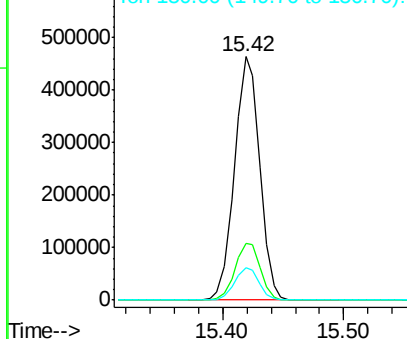


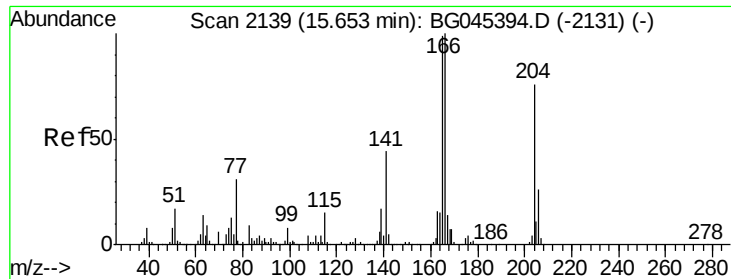
#60
Diethylphthalate
Concen: 53.94 ng
RT: 15.42 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	672766		
177	23.1	19.0	28.4	
150	13.1	11.4	17.0	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





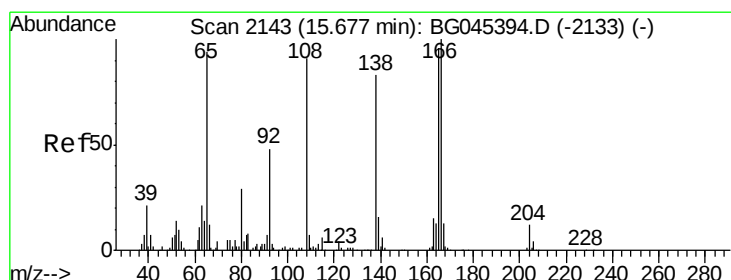
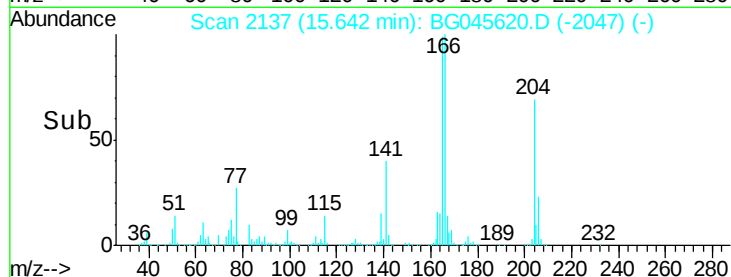
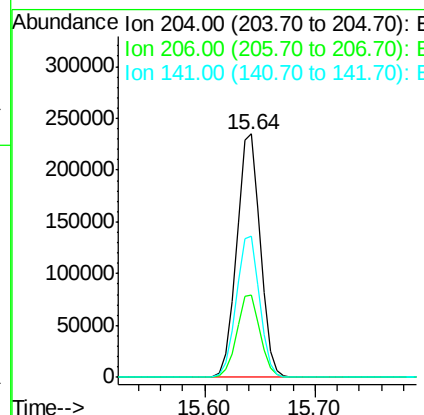
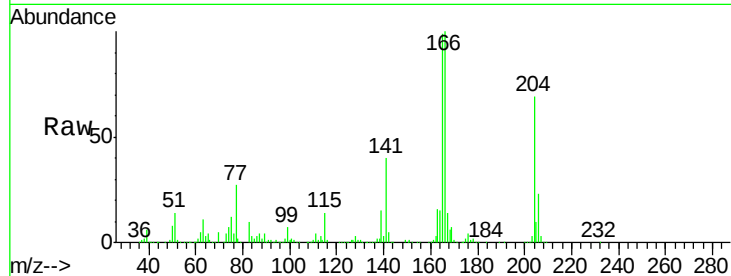
#61
 4-Chlorophenyl-phenylether
 Concen: 53.75 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

Tgt Ion:	204	Resp:	351614
Ion Ratio	Lower	Upper	
204	100		
206	33.6	27.3	40.9
141	58.1	45.9	68.9

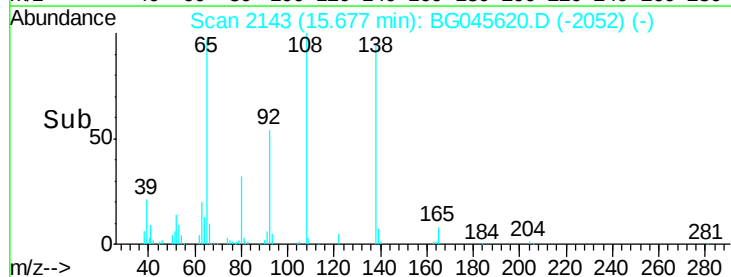
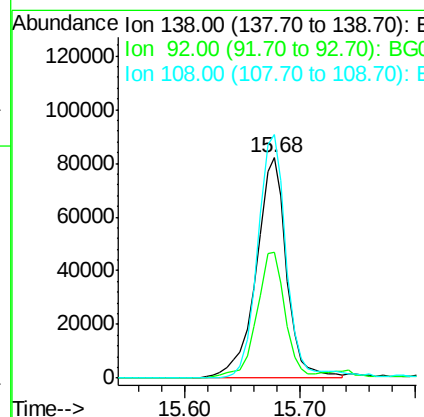
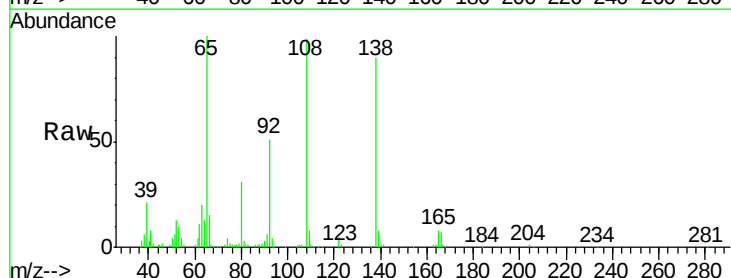
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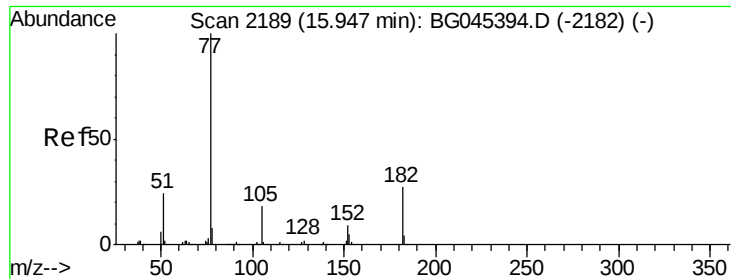
mohammad
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#62
 4-Nitroaniline
 Concen: 52.59 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Tgt Ion:	138	Resp:	150898
Ion Ratio	Lower	Upper	
138	100		
92	57.4	38.0	78.0
108	110.6	89.3	129.3





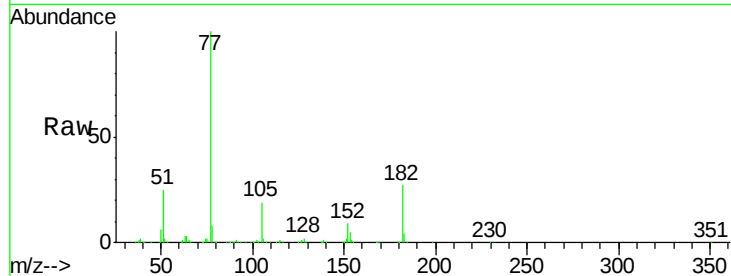
#63
Azobenzene
Concen: 55.77 ng
RT: 15.94 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

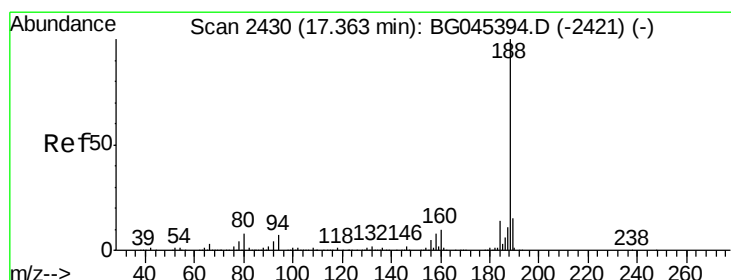
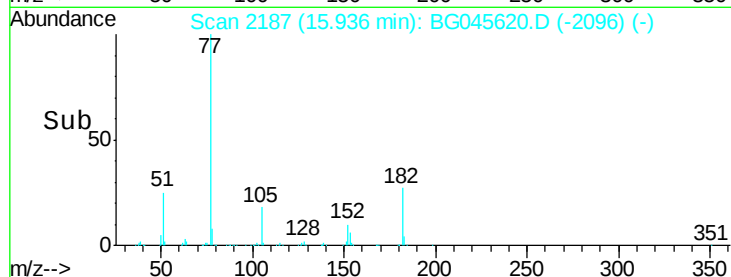
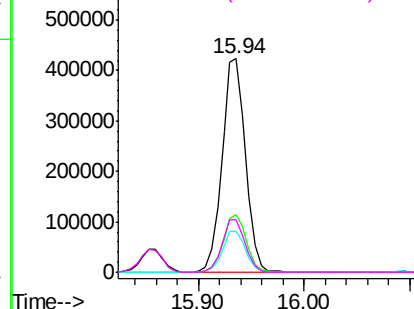
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	648559		
182	27.2	6.5	46.5	
105	19.3	0.0	37.9	
51	24.8	4.1	44.1	

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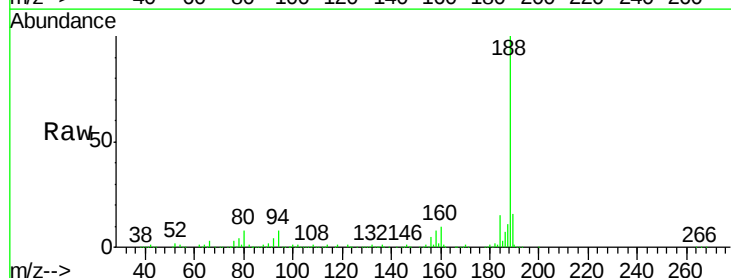


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

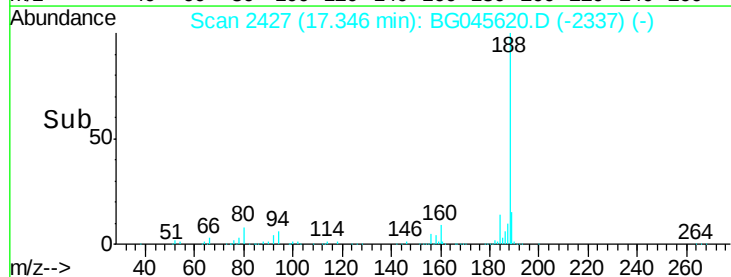
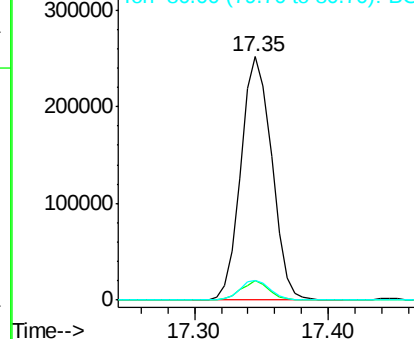


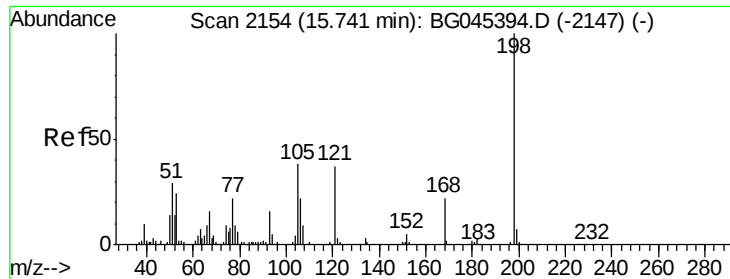
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	403105		
94	8.1	5.5	8.3	
80	8.1	6.6	10.0	



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





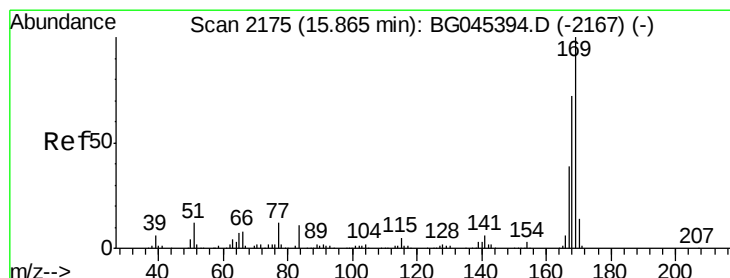
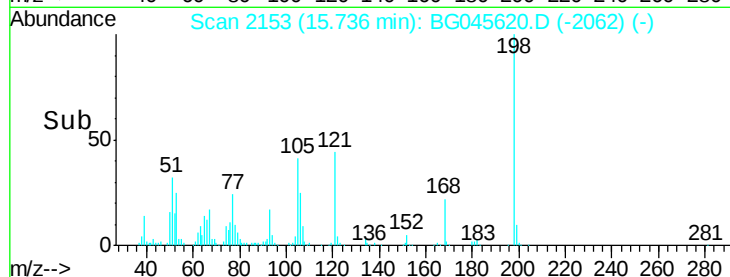
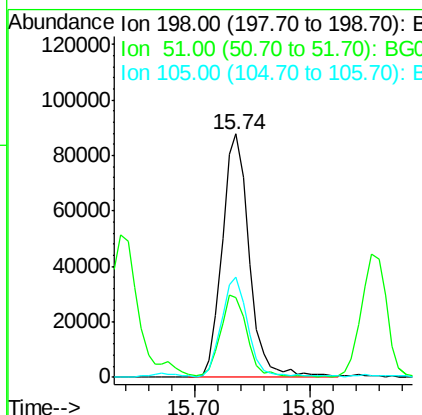
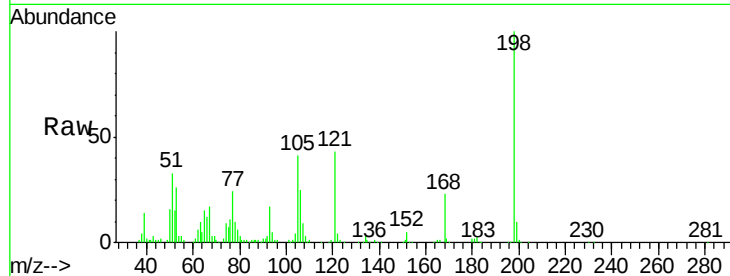
#65
 4,6-Dinitro-2-methylphenol
 Concen: 60.82 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.01 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	142776		
51	32.5	10.0	50.0	
105	41.1	18.9	58.9	

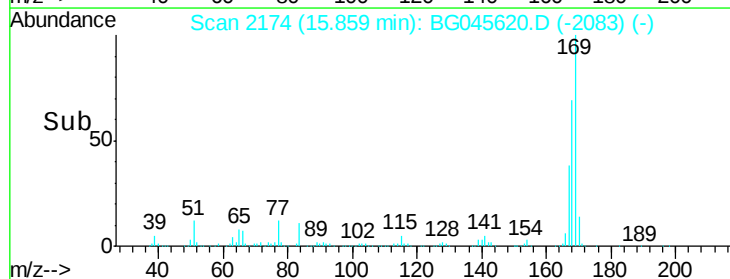
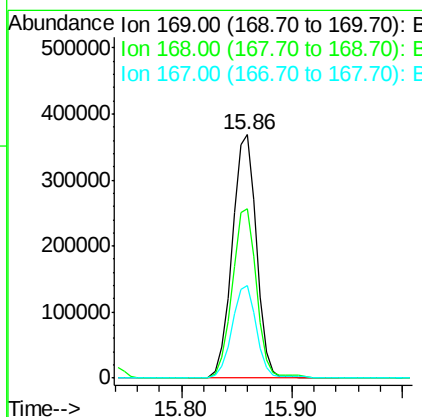
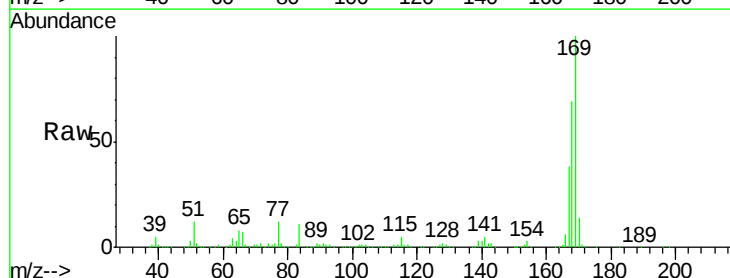
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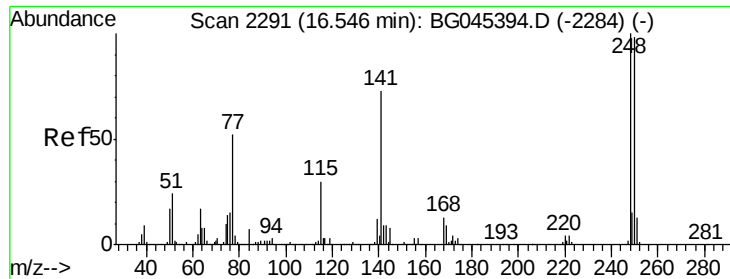
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#66
 n-Nitrosodiphenylamine
 Concen: 58.52 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. 0.01 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	566376		
168	69.4	57.8	86.6	
167	38.0	31.5	47.3	





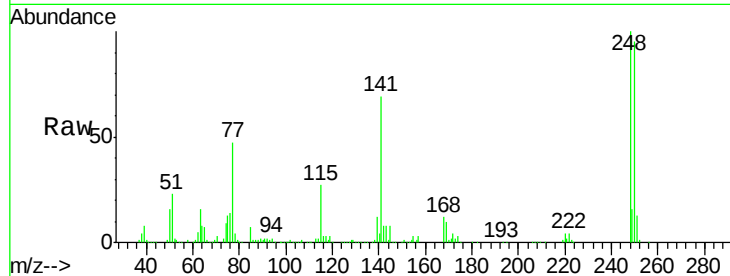
#67
 4-Bromophenyl-phenylether
 Concen: 56.40 ng
 RT: 16.53 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

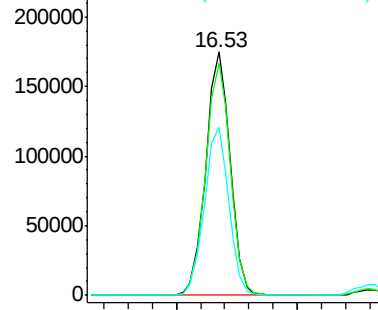
Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.5	78.6	117.8
141	69.0	58.2	87.2

Manual Integrations
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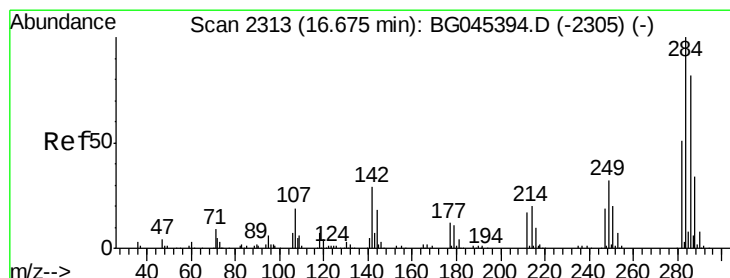
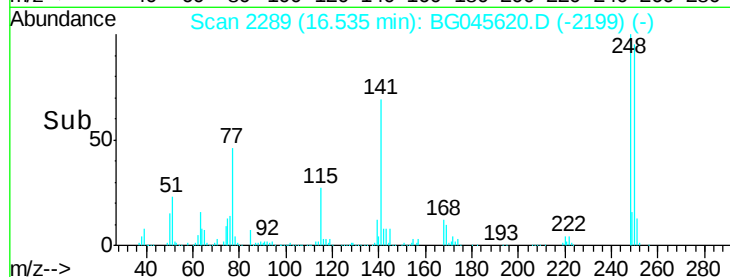
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Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



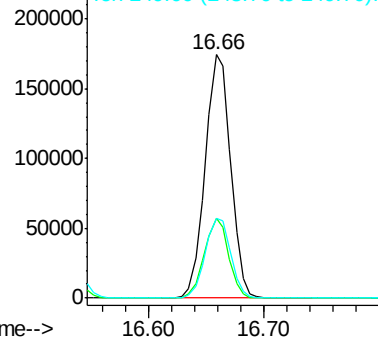
Time-->



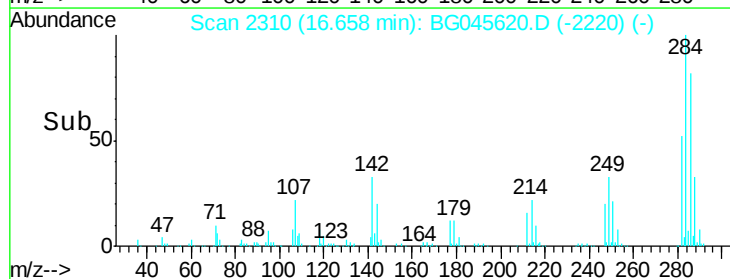
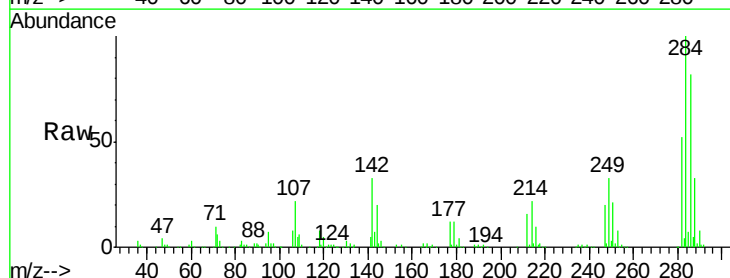
#68
 Hexachlorobenzene
 Concen: 58.08 ng
 RT: 16.66 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

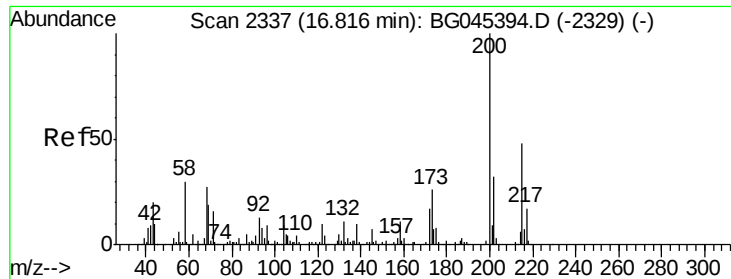
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	23.0	34.6
249	32.7	25.8	38.6

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



Time-->





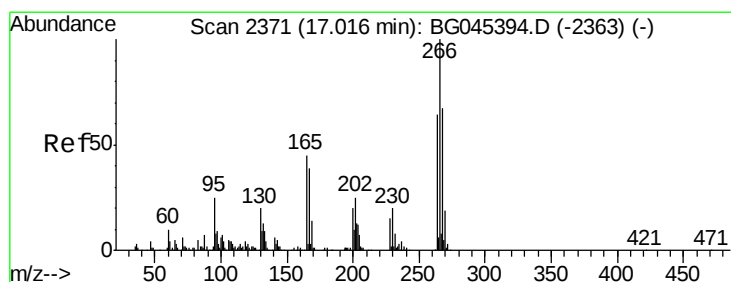
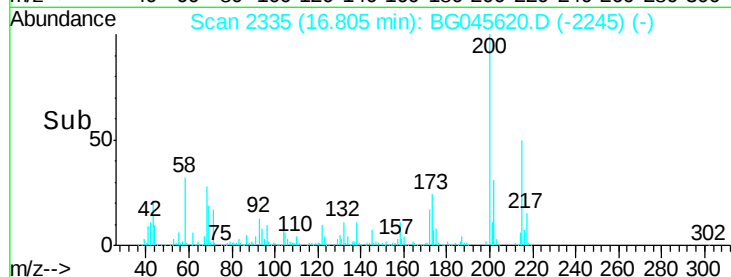
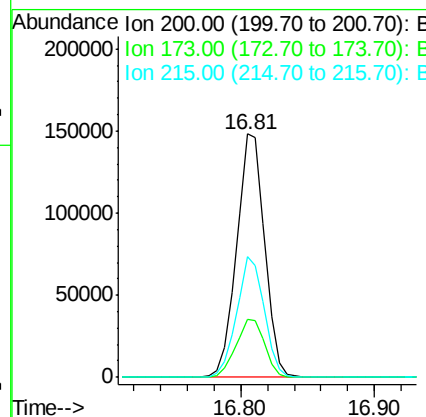
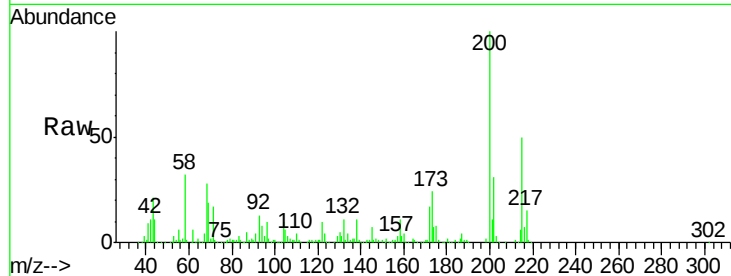
#69
Atrazine
Concen: 54.15 ng
RT: 16.81 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	215867		
173	23.7	5.5	45.5	
215	49.6	28.2	68.2	

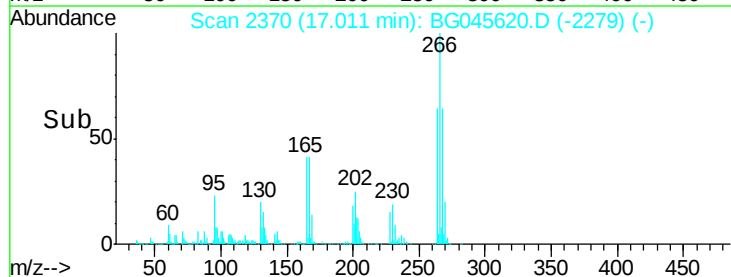
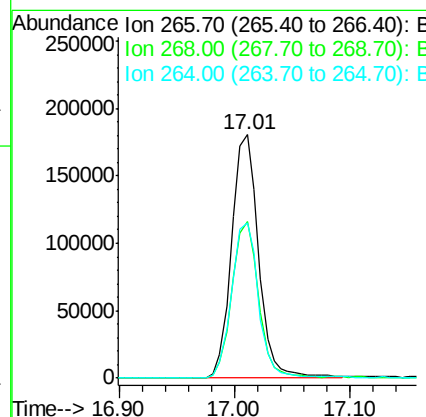
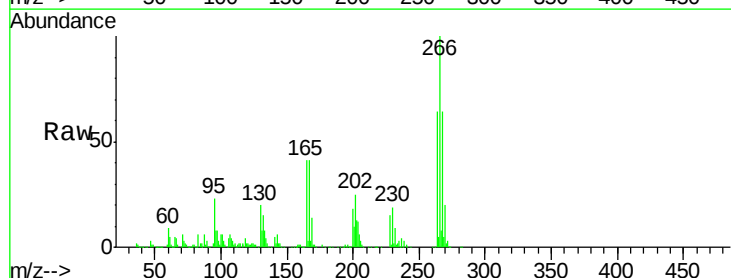
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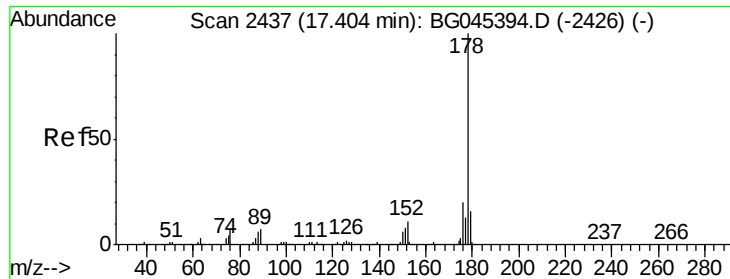
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#70
Pentachlorophenol
Concen: 123.83 ng
RT: 17.01 min Scan# 2370
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	293547		
268	64.2	53.2	79.8	
264	63.6	51.0	76.4	





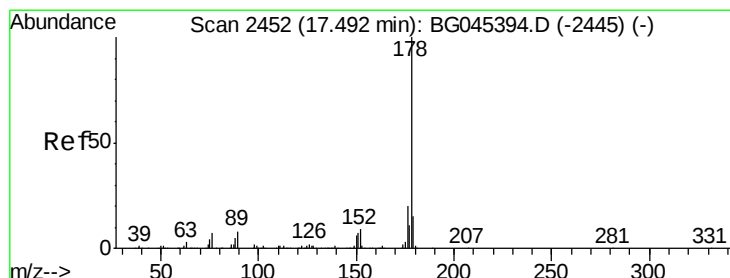
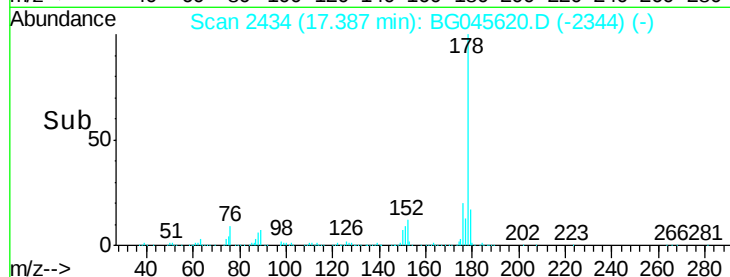
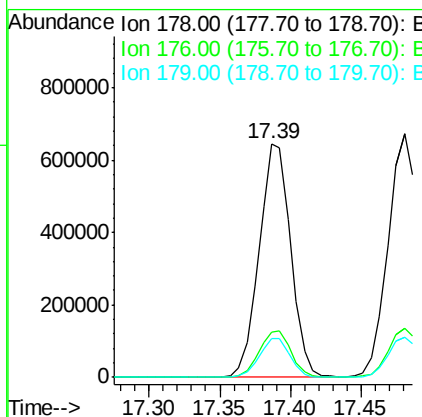
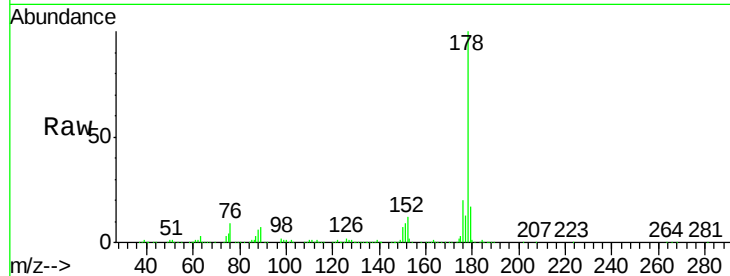
#71
Phenanthrene
Concen: 57.64 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tgt Ion:178 Resp: 1014255
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.4
179 16.7 13.1 19.7

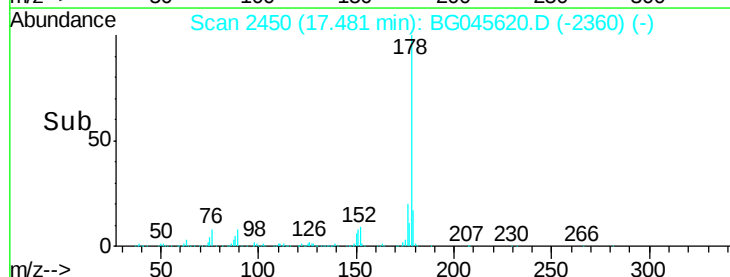
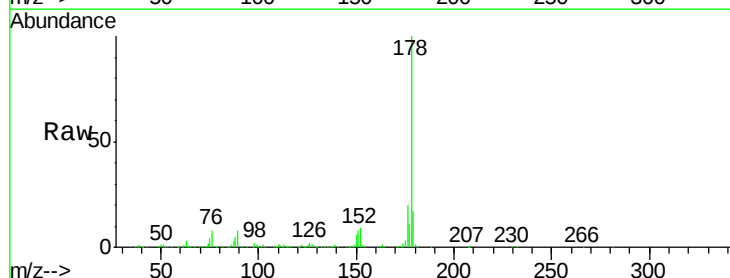
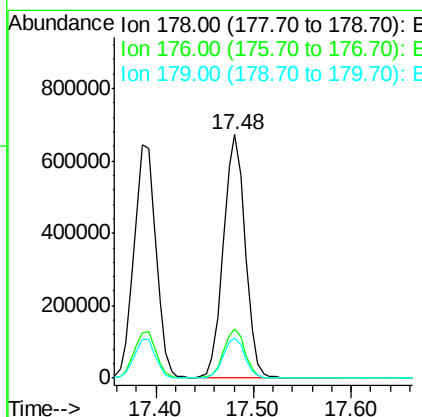
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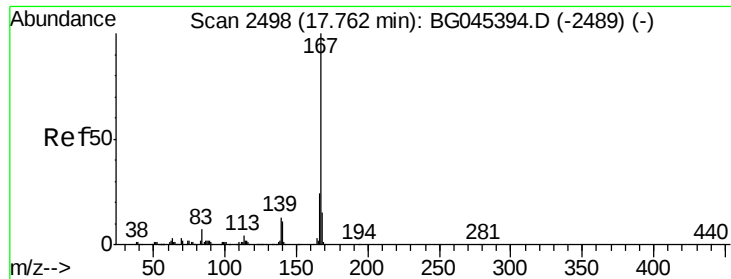
mohammad
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#72
Anthracene
Concen: 58.76 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion:178 Resp: 1038379
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 16.7 12.2 18.4





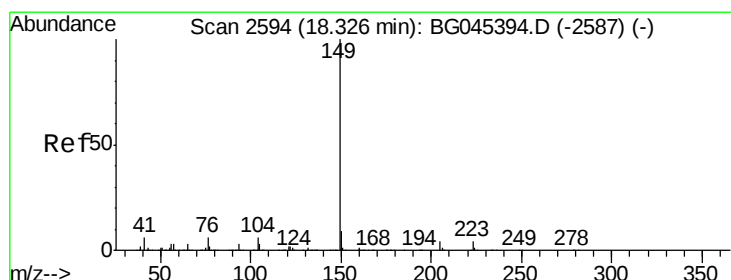
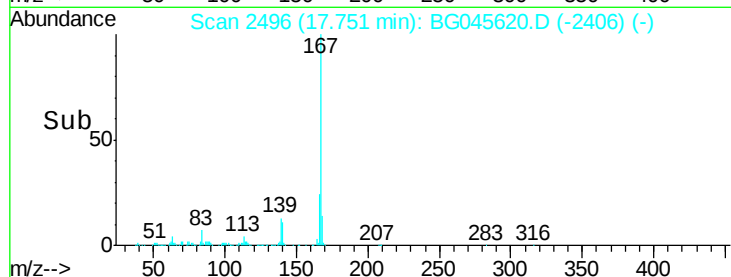
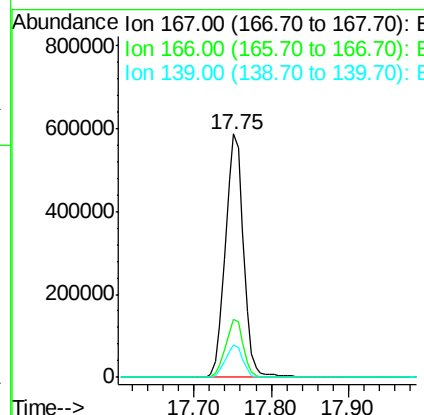
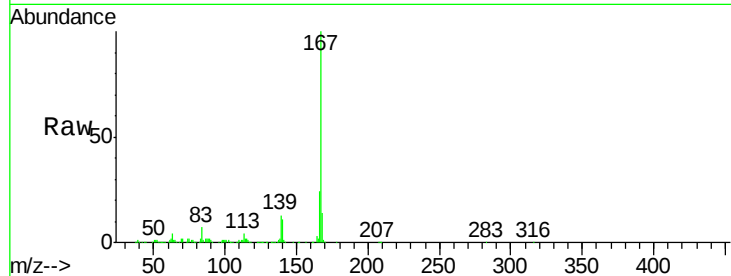
#73
 Carbazole
 Concen: 55.89 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.2	28.8
139	13.5	10.6	16.0

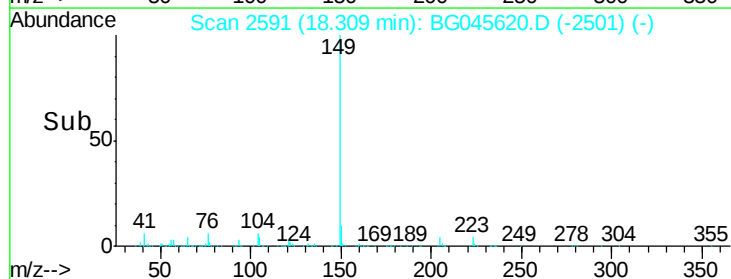
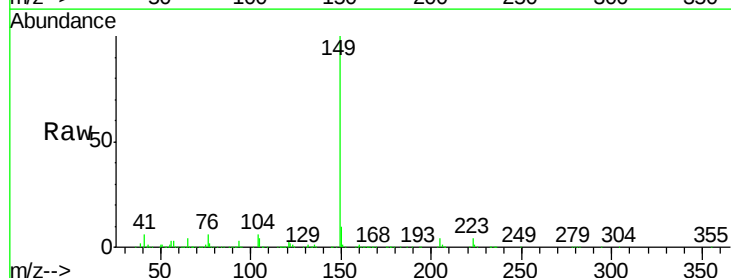
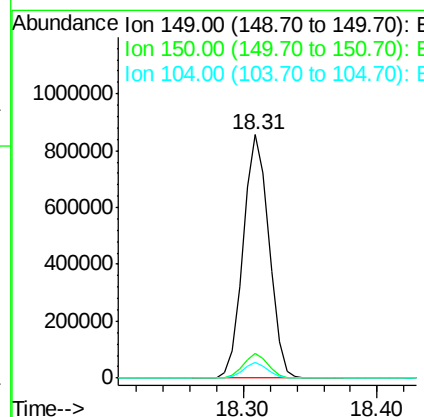
Manual Integrations
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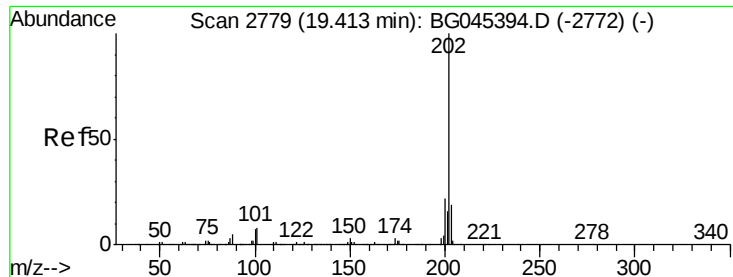
mohammad
 6/8/2020 12:50:13 PM



#74
 Di-n-butylphthalate
 Concen: 55.10 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.6	11.4
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 56.20 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

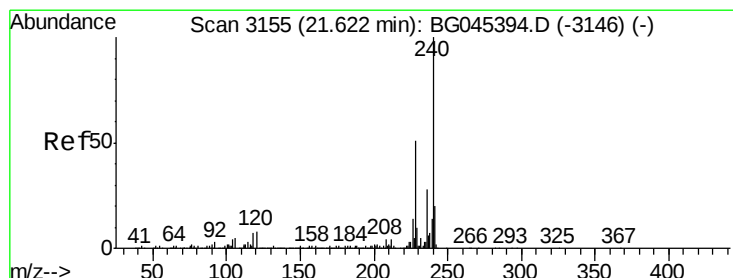
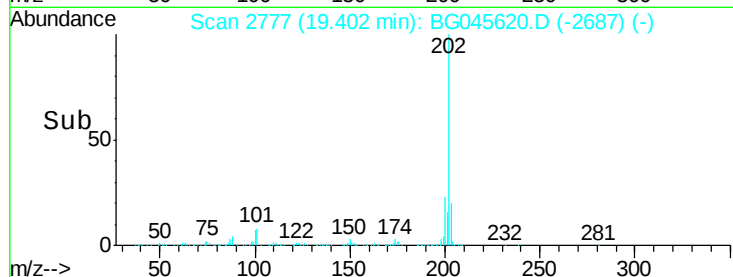
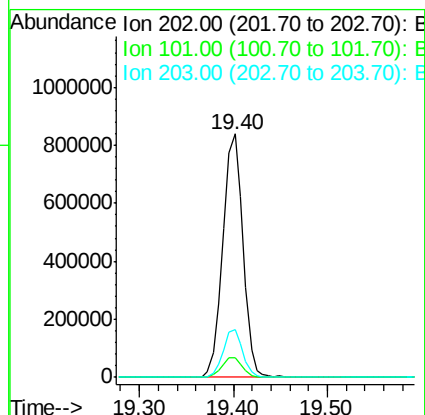
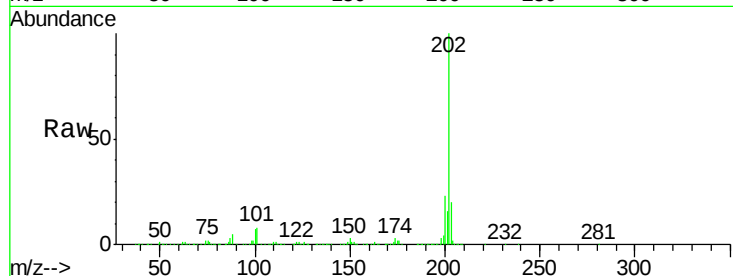
ClientSampleId :

PB129333BSD

Tgt Ion:	202	Resp:	1257926
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	28.3
203	19.6	0.0	39.0

Manual Integrations
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mohammad
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#76

Chrysene-d12

Concen: 20.00 ng

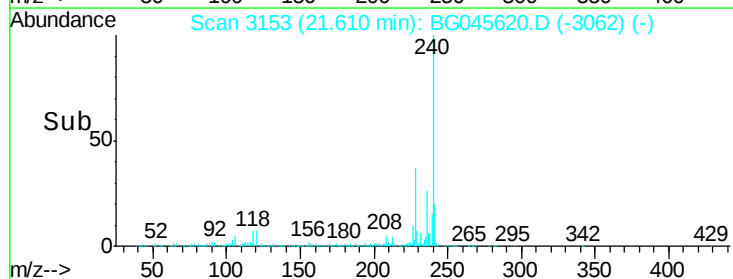
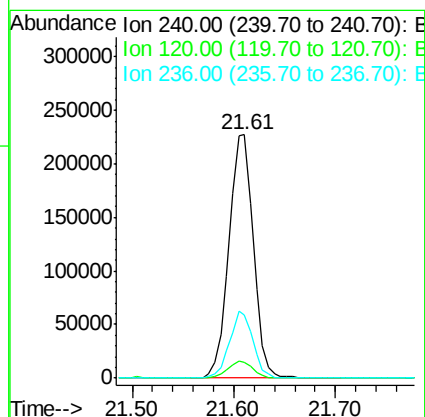
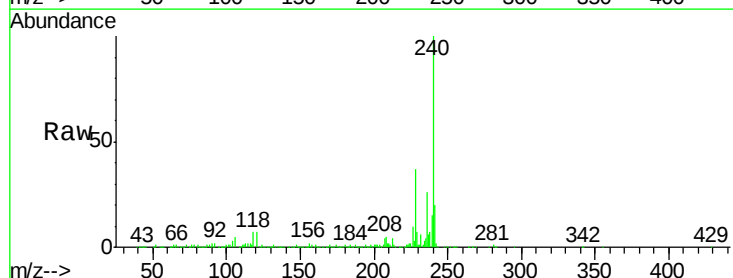
RT: 21.61 min Scan# 3153

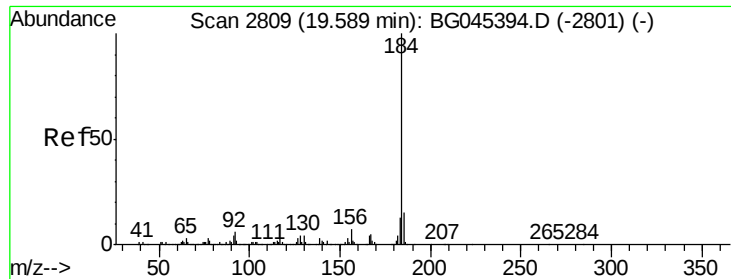
Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Tgt Ion:	240	Resp:	381425
Ion Ratio	Lower	Upper	
240	100		
120	6.6	6.1	9.1
236	26.1	22.3	33.5





#77

Benzidine

Concen: 58.17 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

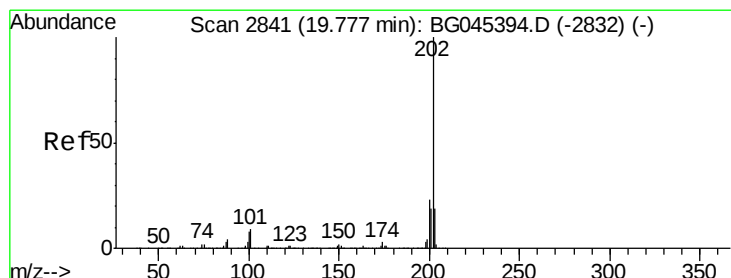
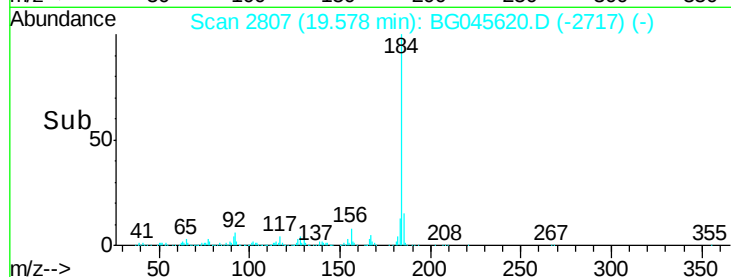
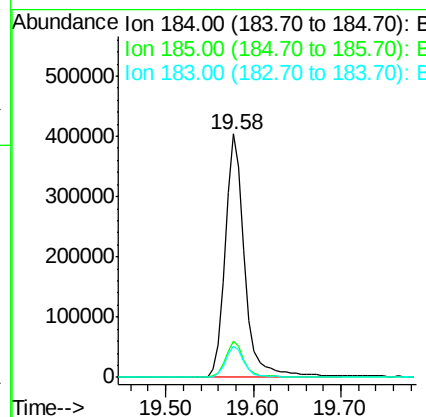
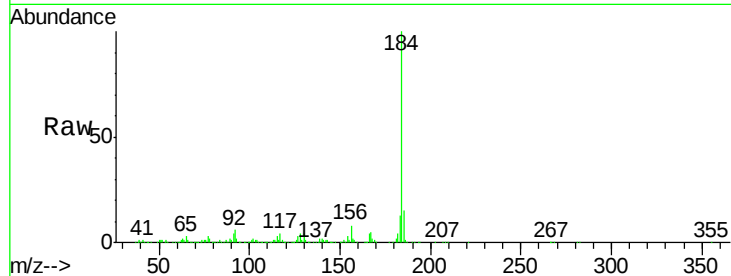
ClientSampleId :

PB129333BSD

Tgt Ion:	184	Resp:	623165
Ion Ratio	Lower	Upper	
184	100		
185	14.9	11.7	17.5
183	12.9	10.2	15.4

Manual Integrations
APPROVED

mohammad
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#78

Pyrene

Concen: 57.84 ng

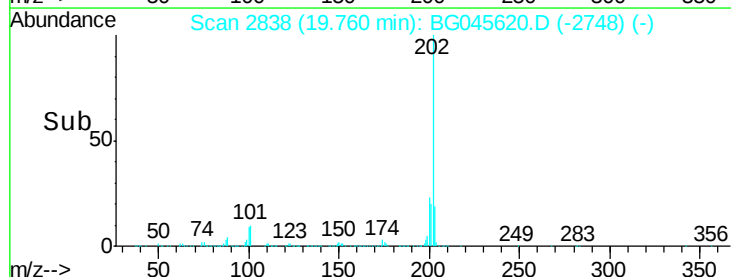
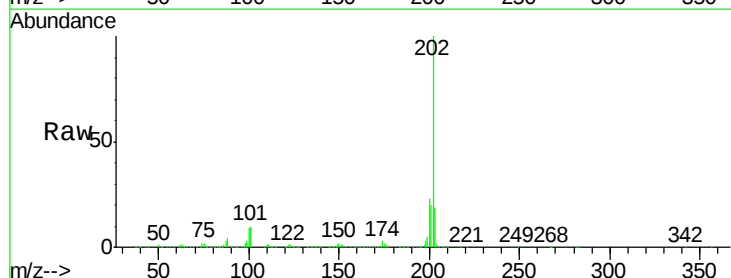
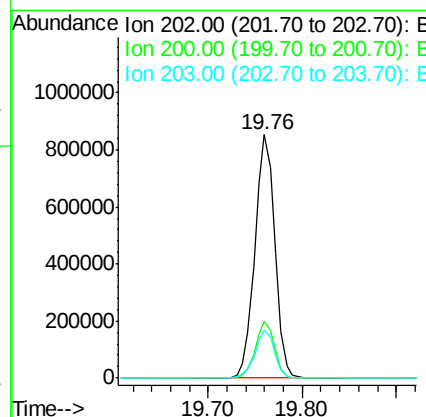
RT: 19.76 min Scan# 2838

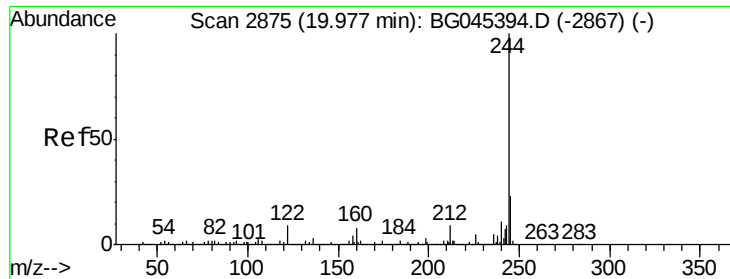
Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Tgt Ion:	202	Resp:	1257573
Ion Ratio	Lower	Upper	
202	100		
200	23.1	18.2	27.2
203	19.5	15.1	22.7





#79

Terphenyl-d14

Concen: 117.85 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

Tgt Ion:244 Resp: 1927285

Ion Ratio Lower Upper

244 100

212 9.8 7.4 11.0

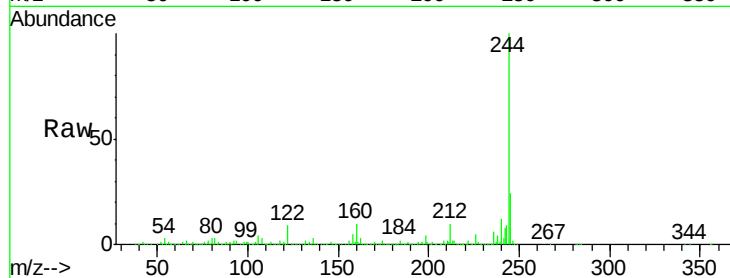
122 9.3 6.8 10.2

Manual Integrations

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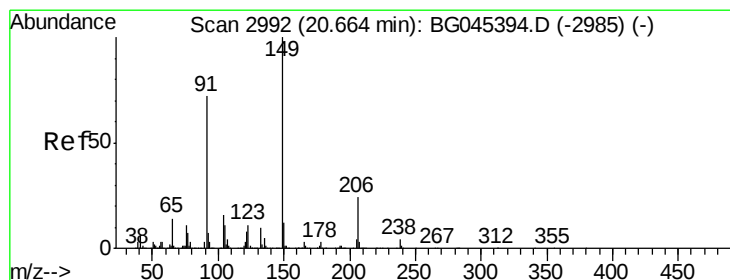
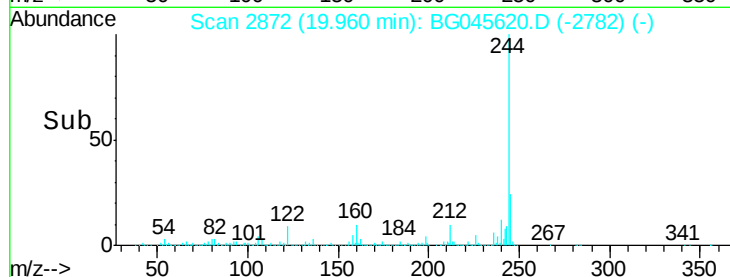
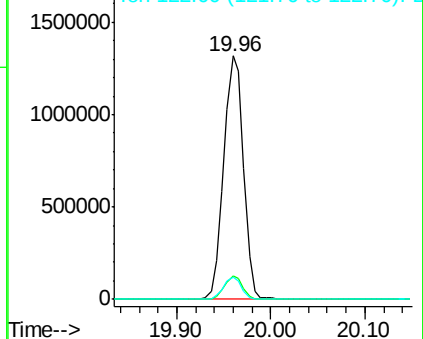
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 55.58 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

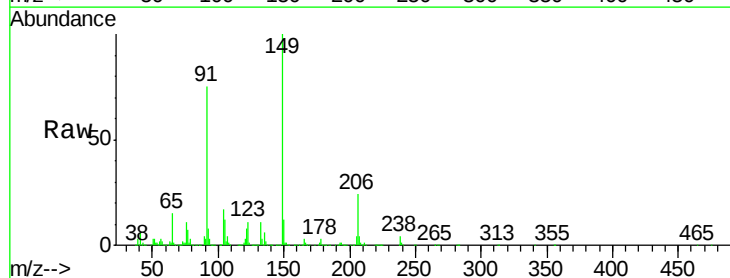
Tgt Ion:149 Resp: 521635

Ion Ratio Lower Upper

149 100

91 74.9 57.8 86.6

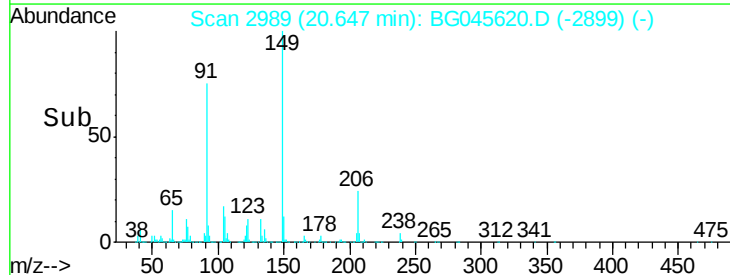
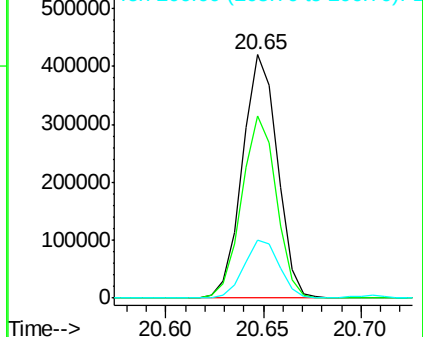
206 23.9 19.1 28.7

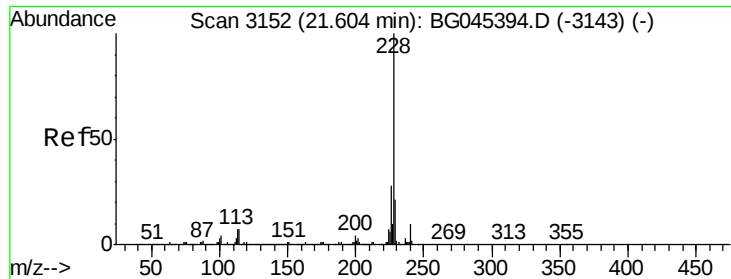


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





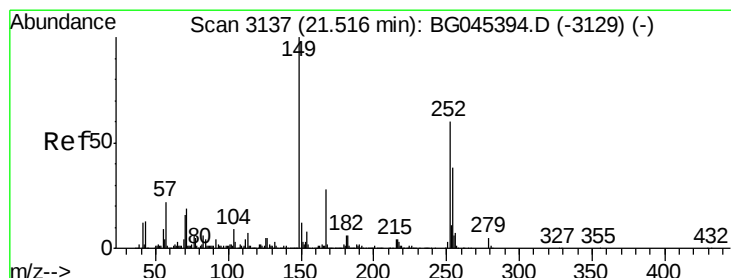
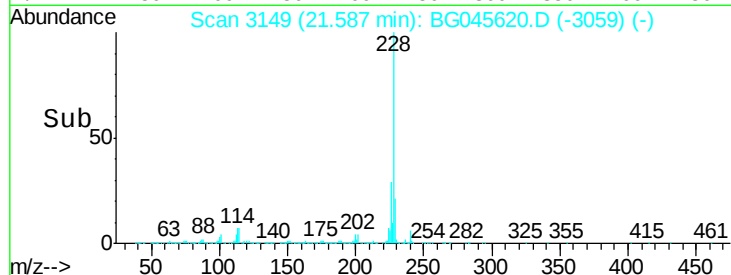
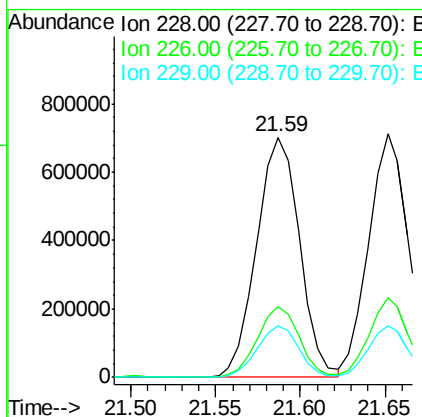
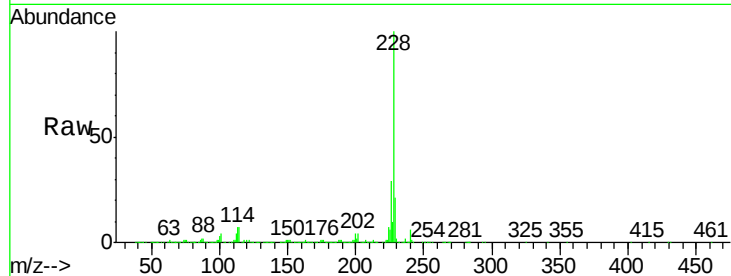
#81
Benzo(a)anthracene
Concen: 58.45 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.7	34.1
229	21.4	16.7	25.1

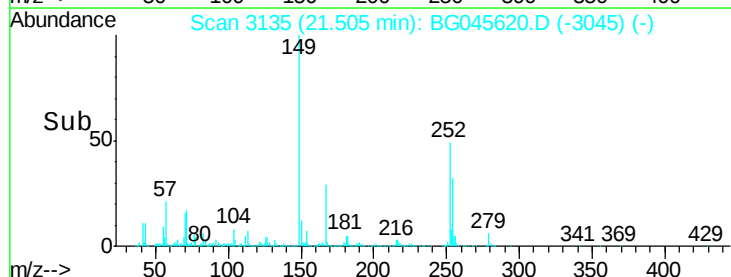
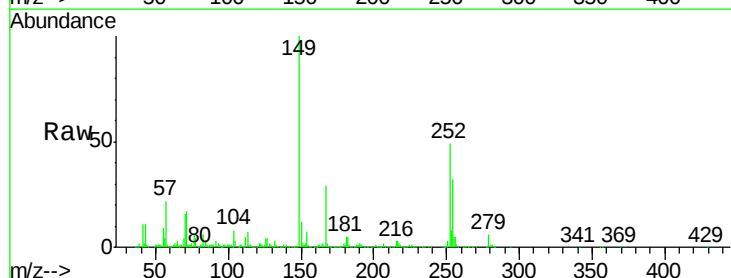
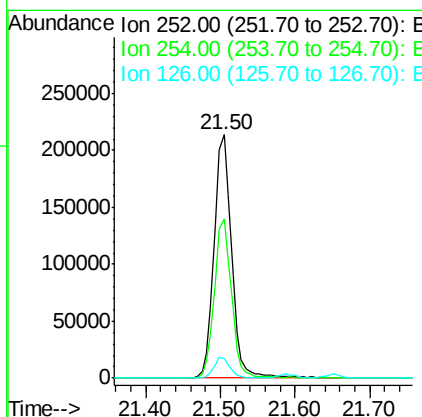
Manual Integrations
APPROVED

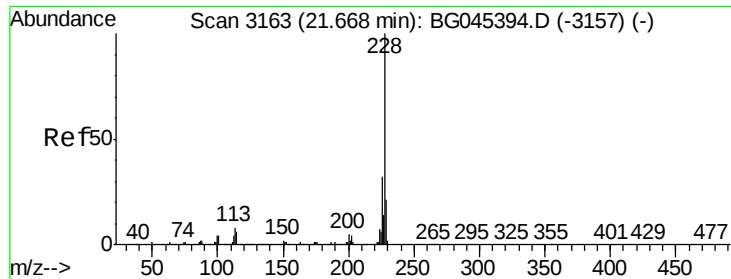
mohammad
6/8/2020 12:50:13 PM



#82
3,3'-Dichlorobenzidine
Concen: 41.88 ng
RT: 21.50 min Scan# 3135
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.3	76.9
126	8.3	6.6	10.0





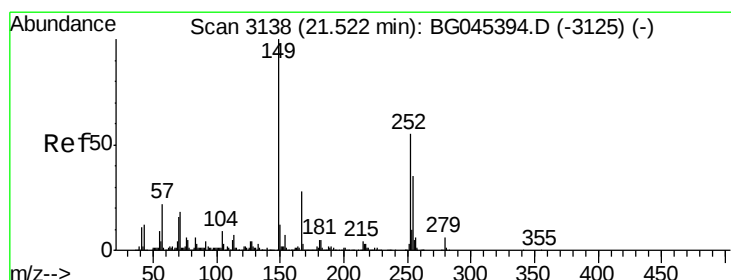
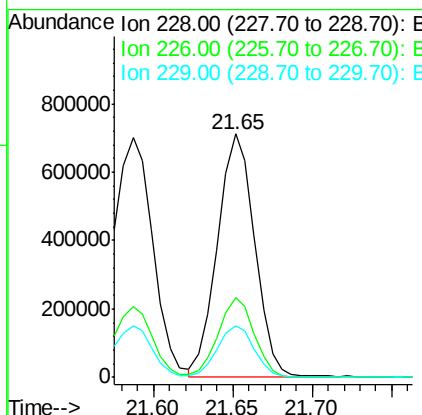
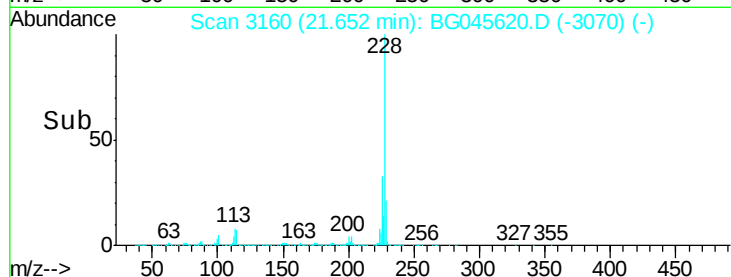
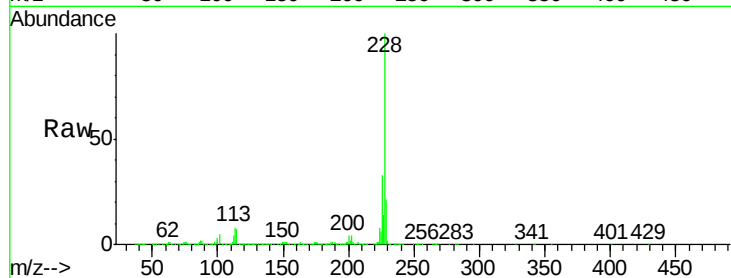
#83
 Chrysene
 Concen: 56.39 ng
 RT: 21.65 min Scan# 3160
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.2	37.8
229	21.4	16.7	25.1

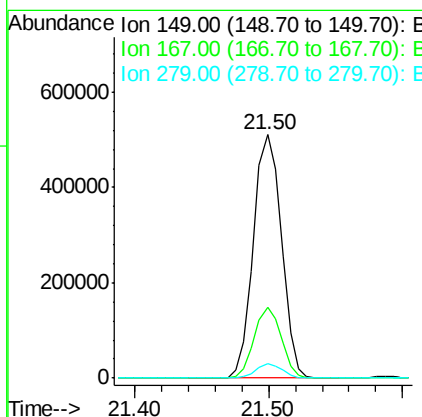
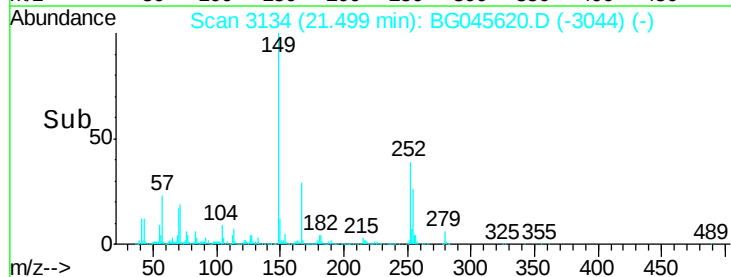
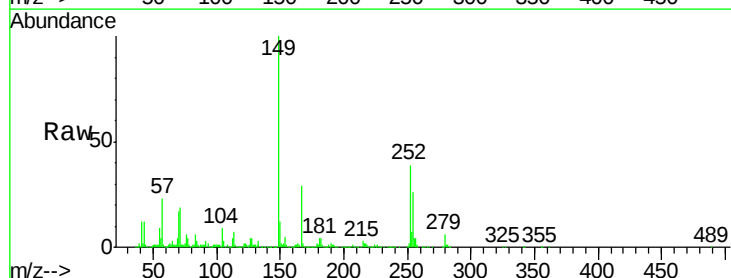
Manual Integrations
 APPROVED

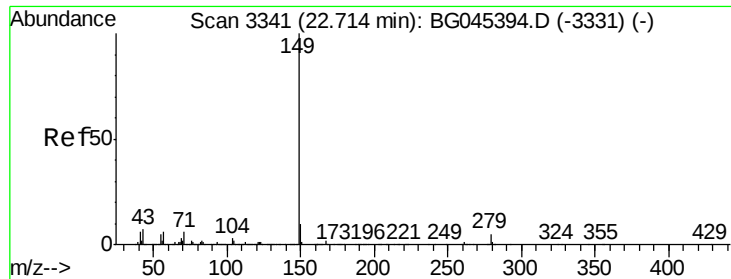
mohammad
 6/8/2020 12:50:13 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.02 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.2	33.2
279	5.9	4.7	7.1





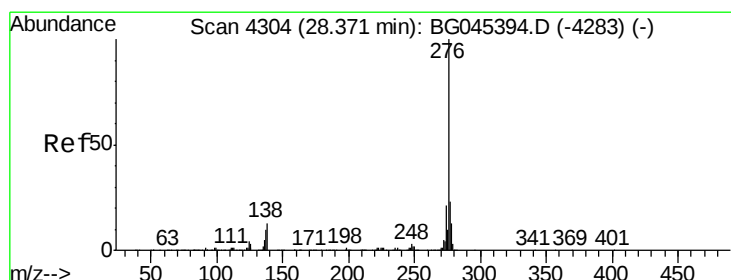
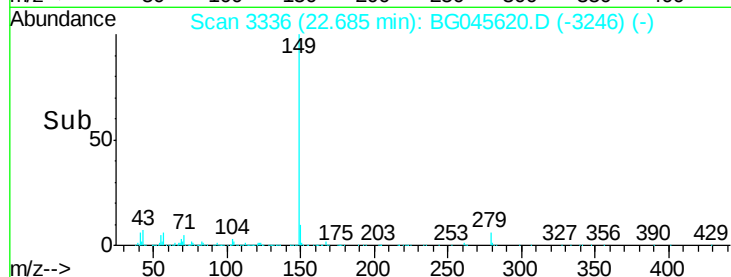
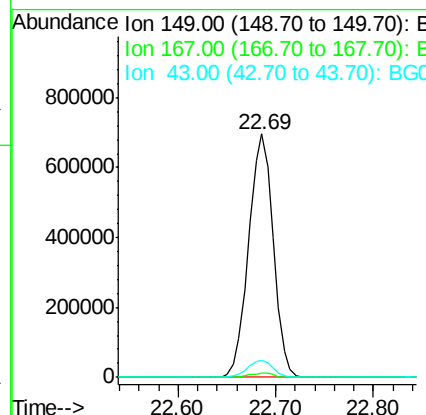
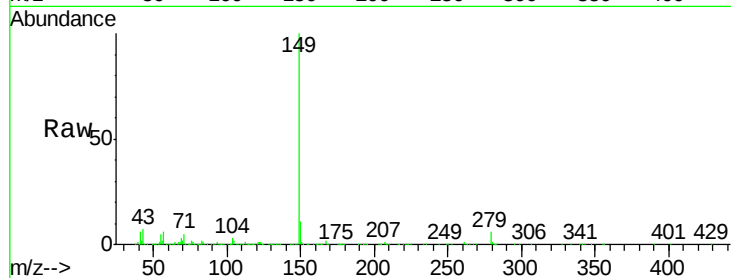
#85
Di-n-octyl phthalate
Concen: 55.40 ng
RT: 22.69 min Scan# 3336
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.2	5.8	8.8

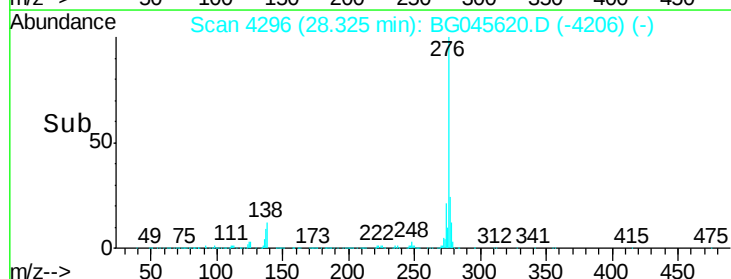
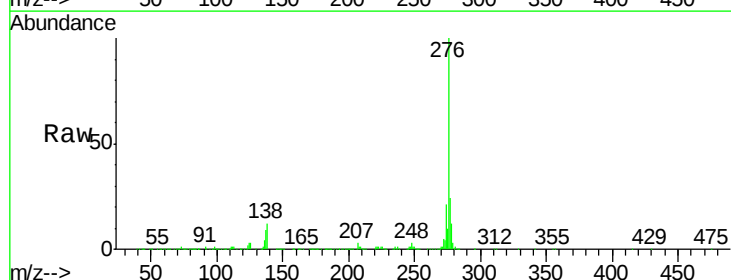
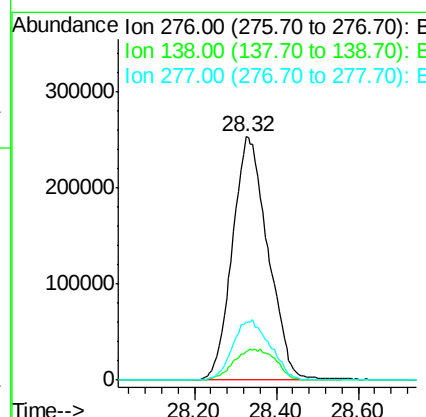
Manual Integrations
APPROVED

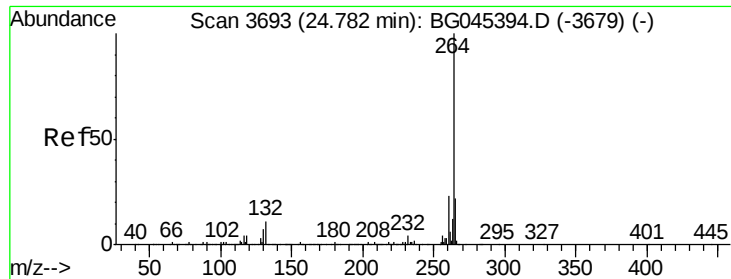
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 57.16 ng
RT: 28.32 min Scan# 4296
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.1	8.6	12.8#
277	25.8	20.2	30.4





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.75 min Scan# 3687

Delta R.T. -0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

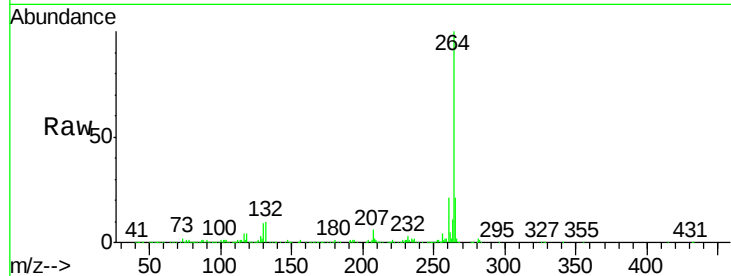
ClientSampleId :

PB129333BSD

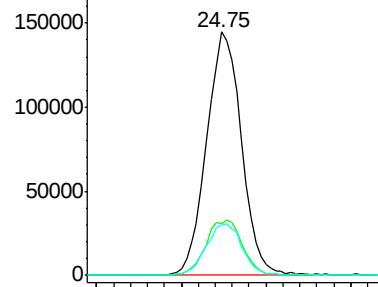
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	414255		
260	21.4	18.2	27.4	
265	20.7	17.6	26.4	

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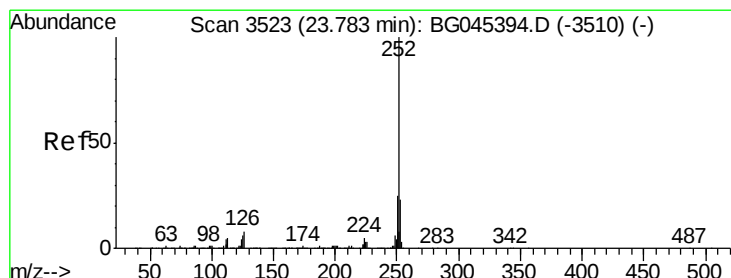
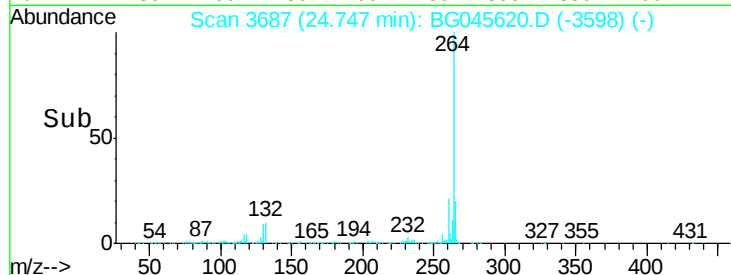
mohammad
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time--> 24.60 24.70 24.80 24.90



#88

Benzo(b)fluoranthene

Concen: 57.90 ng

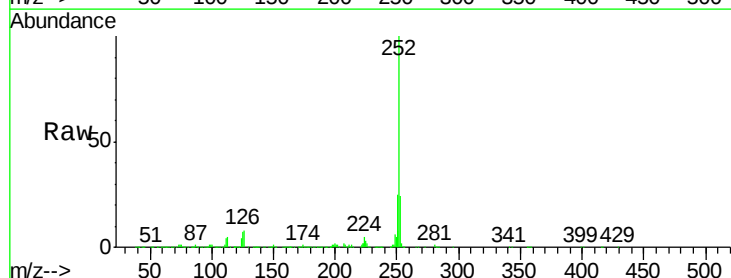
RT: 23.76 min Scan# 3519

Delta R.T. 0.00 min

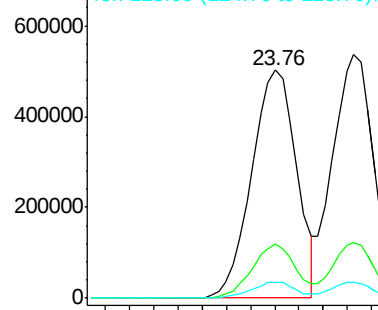
Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

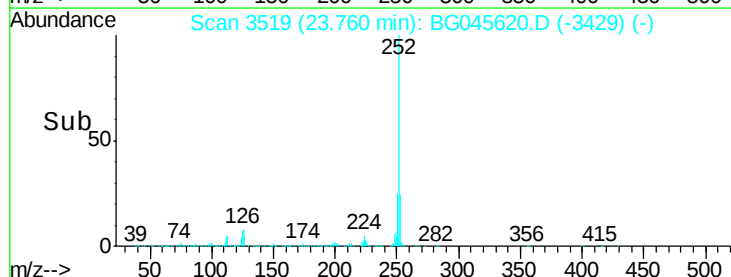
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1286459		
253	23.8	18.1	27.1	
125	7.1	5.0	7.6	

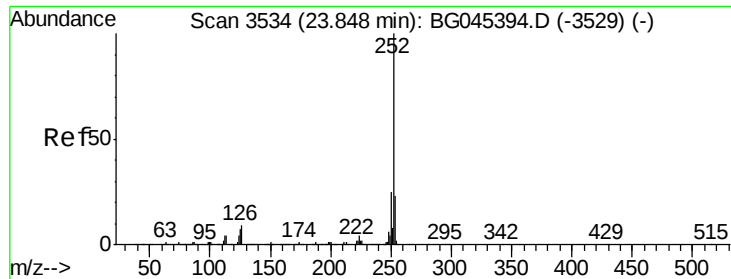


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 23.70 23.80





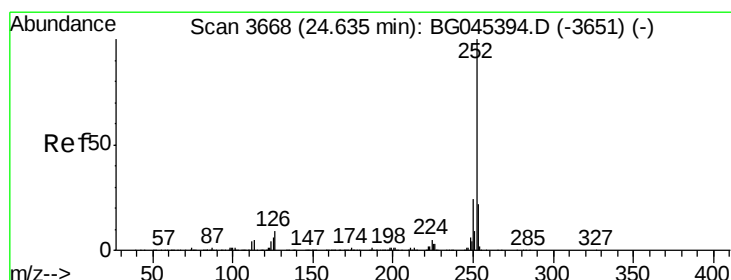
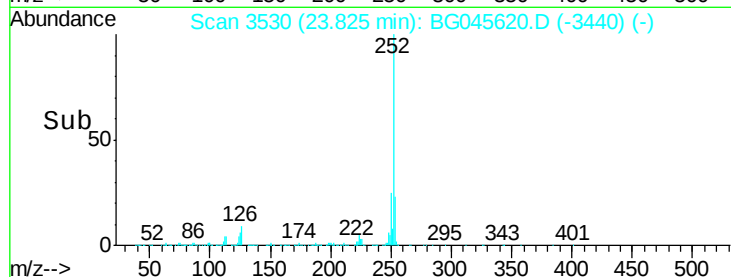
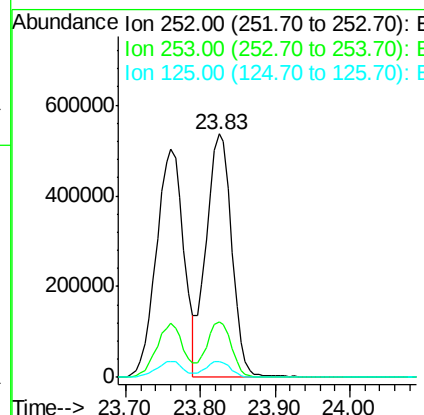
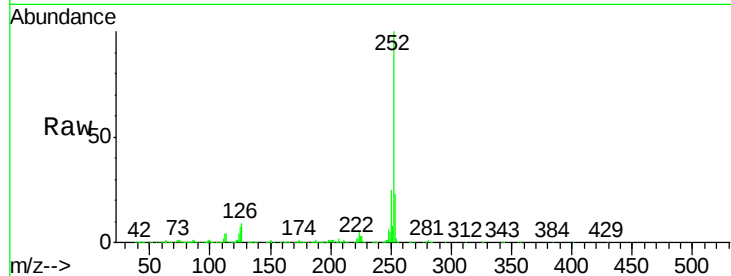
#89
Benzo(k)fluoranthene
Concen: 60.82 ng
RT: 23.83 min Scan# 3530
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tgt Ion: 252 Resp: 1269372
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 6.5 5.7 8.5

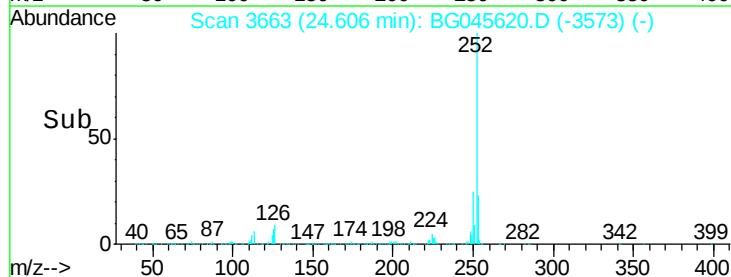
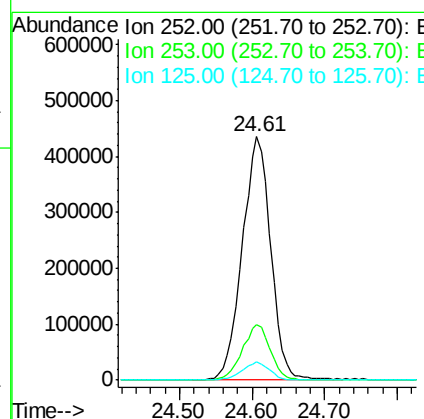
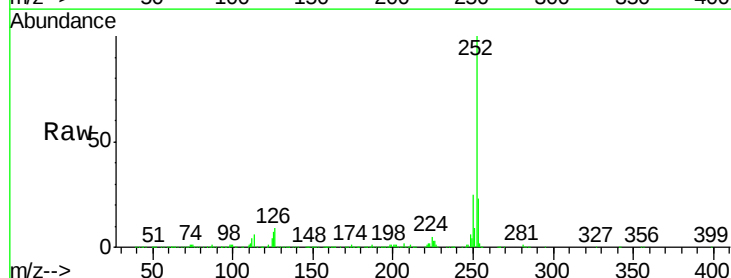
Manual Integrations
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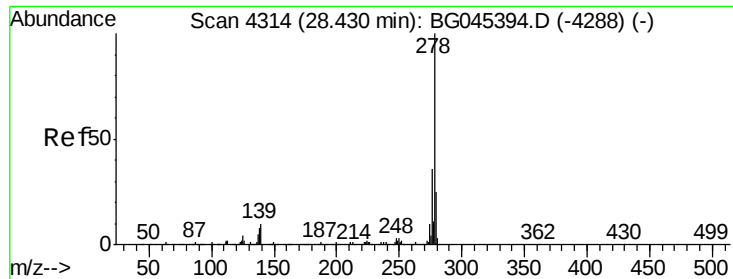
mohammad
6/8/2020 12:50:13 PM



#90
Benzo(a)pyrene
Concen: 57.31 ng
RT: 24.61 min Scan# 3663
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion: 252 Resp: 1185807
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 7.5 5.0 7.6





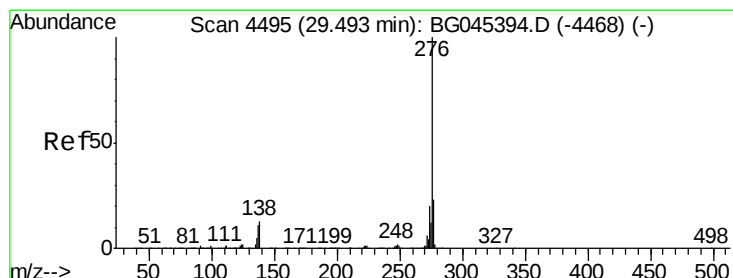
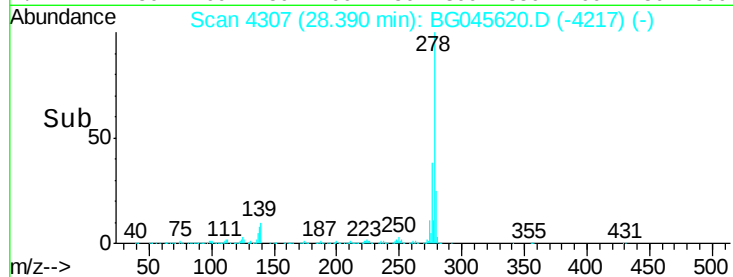
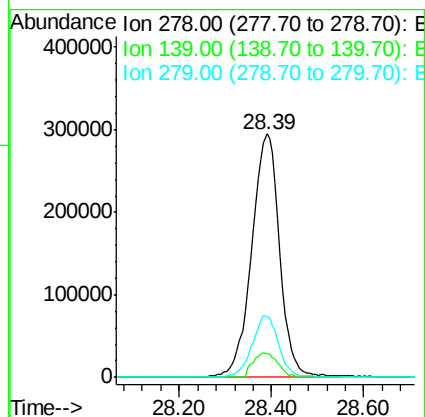
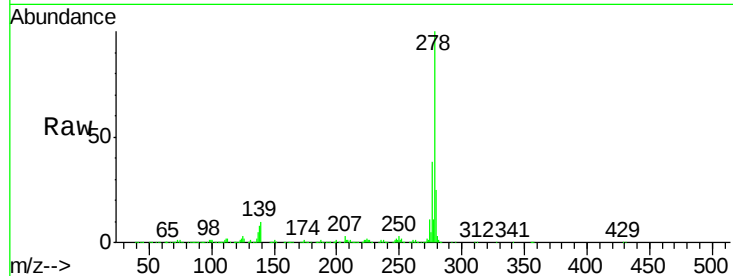
#91
Dibenzo(a,h)anthracene
Concen: 59.73 ng
RT: 28.39 min Scan# 4307
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.7	7.8	11.8
279	25.1	19.8	29.8

Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:13 PM



#92
Benzo(g,h,i)perylene
Concen: 60.23 ng
RT: 29.44 min Scan# 4486
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.1	27.1
138	13.7	10.2	15.4

