

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045583.D
 Acq On : 3 Jun 2020 16:19
 Operator : CG/JU
 Sample : PB129260BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129260BS

Manual Integrations
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mohammad
 6/4/2020 12:11:19 PM

Quant Time: Jun 03 17:04:56 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	7.95	152	62310	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	240838	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	170683	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	414612	20.00	ng	0.00
76) Chrysene-d12	21.61	240	393418	20.00	ng	0.00
87) Perylene-d12	24.75	264	424957	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	474107	148.70	ng	0.00
7) Phenol-d6	7.15	99	655948	144.55	ng	0.00
23) Nitrobenzene-d5	9.12	82	425468	96.34	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	319000	146.14	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	964166	95.82	ng	0.00
79) Terphenyl-d14	19.97	244	1683885	99.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	64370	40.713	ng	97
3) Pyridine	3.80	79	143126	32.504	ng	97
4) n-Nitrosodimethylamine	3.72	42	65816	45.677	ng	99
6) Aniline	7.28	93	197399	33.322	ng	96
8) 2-Chlorophenol	7.53	128	175001	50.051	ng	99
9) Benzaldehyde	7.08	77	109068	36.889	ng	95
10) Phenol	7.18	94	230819	49.352	ng	96
11) bis(2-Chloroethyl)ether	7.37	93	165550	45.380	ng	98
12) 1,3-Dichlorobenzene	7.84	146	188781	44.929	ng	98
13) 1,4-Dichlorobenzene	7.99	146	191315	46.139	ng	97
14) 1,2-Dichlorobenzene	8.31	146	177821	44.587	ng	96
15) Benzyl Alcohol	8.20	79	180523	48.155	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	153334	44.280	ng	98
17) 2-Methylphenol	8.42	107	157285	44.929	ng	98
18) Hexachloroethane	9.04	117	74805	47.103	ng	94
19) n-Nitroso-di-n-propylamine	8.76	70	141141	44.977	ng	94
20) 3+4-Methylphenols	8.75	107	210890m	44.239	ng	
22) Acetophenone	8.77	105	269831	47.271	ng	# 98
24) Nitrobenzene	9.16	77	217735	46.015	ng	98
25) Isophorone	9.68	82	404379	46.492	ng	99
26) 2-Nitrophenol	9.87	139	99392	49.102	ng	93
27) 2,4-Dimethylphenol	9.95	122	164284	54.721	ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	223080	48.906	ng	97
29) 2,4-Dichlorophenol	10.43	162	178717	50.411	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	196459	46.897	ng	98
31) Naphthalene	10.81	128	524661	46.749	ng	98
32) Benzoic acid	10.12	122	96549	47.434	ng	96
33) 4-Chloroaniline	10.92	127	110762	23.611	ng	96
34) Hexachlorobutadiene	11.10	225	137858	46.555	ng	98
35) Caprolactam	11.69	113	64836m	49.825	ng	
36) 4-Chloro-3-methylphenol	12.08	107	205638	51.475	ng	97
37) 2-Methylnaphthalene	12.42	142	398589	47.650	ng	98
38) 1-Methylnaphthalene	12.64	142	377155	47.731	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	228232	47.873	ng	99

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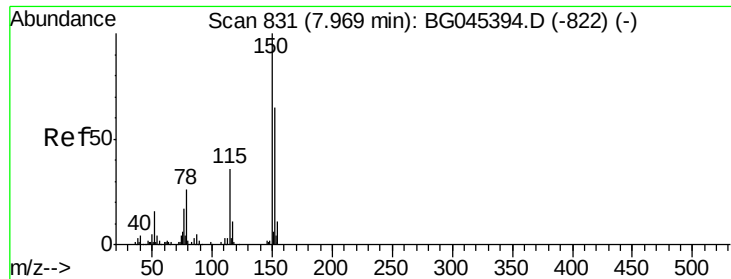
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 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	281105	102.157	ng	98
43) 2,4,6-Trichlorophenol	13.04	196	158241	47.782	ng	100
44) 2,4,5-Trichlorophenol	13.12	196	168535	44.533	ng	98
46) 1,1'-Biphenyl	13.43	154	516642	49.262	ng	99
47) 2-Chloronaphthalene	13.47	162	390170	45.814	ng	100
48) 2-Nitroaniline	13.68	65	133989	47.829	ng	91
49) Acenaphthylene	14.32	152	657390	48.057	ng	100
50) Dimethylphthalate	14.06	163	545610	46.599	ng	98
51) 2,6-Dinitrotoluene	14.17	165	123362	46.691	ng	93
52) Acenaphthene	14.66	154	474283m	51.796	ng	
53) 3-Nitroaniline	14.51	138	73365	27.316	ng	92
54) 2,4-Dinitrophenol	14.71	184	139266	80.434	ng	96
55) Dibenzofuran	15.00	168	628870	46.247	ng	96
56) 4-Nitrophenol	14.85	139	189910	93.395	ng	96
57) 2,4-Dinitrotoluene	14.97	165	182188	47.613	ng	93
58) Fluorene	15.65	166	532310	47.649	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	155133	46.593	ng	99
60) Diethylphthalate	15.42	149	562488	46.155	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	293542	45.918	ng	99
62) 4-Nitroaniline	15.67	138	128909	45.975	ng	97
63) Azobenzene	15.94	77	531432	46.766	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	110632	45.816	ng	93
66) n-Nitrosodiphenylamine	15.85	169	473080	47.523	ng	98
67) 4-Bromophenyl-phenylether	16.54	248	206952	46.096	ng	96
68) Hexachlorobenzene	16.66	284	221525	47.176	ng	97
69) Atrazine	16.81	200	187971	45.844	ng	98
70) Pentachlorophenol	17.01	266	235015	96.389	ng	99
71) Phenanthrene	17.39	178	868032	47.957	ng	99
72) Anthracene	17.48	178	896331	49.312	ng	98
73) Carbazole	17.75	167	835116	47.134	ng	99
74) Di-n-butylphthalate	18.31	149	1007446	47.374	ng	99
75) Fluoranthene	19.40	202	1105298	48.010	ng	99
77) Benzidine	19.58	184	446000	40.364	ng	98
78) Pyrene	19.76	202	1106905	49.357	ng	98
80) Butylbenzylphthalate	20.65	149	452140	46.709	ng	99
81) Benzo(a)anthracene	21.59	228	1052503	48.024	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	269137	31.307	ng	100
83) Chrysene	21.66	228	1000133	47.460	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	618332	46.469	ng	98
85) Di-n-octyl phthalate	22.69	149	1047135	45.818	ng	100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1282929	46.556	ng	# 96
88) Benzo(b)fluoranthene	23.77	252	1095223	48.055	ng	99
89) Benzo(k)fluoranthene	23.83	252	1069081	49.930	ng	100
90) Benzo(a)pyrene	24.61	252	1012268	47.690	ng	97
91) Dibenzo(a,h)anthracene	28.40	278	1041843	48.844	ng	98
92) Benzo(g,h,i)perylene	29.45	276	1057663	49.580	ng	96

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



#1

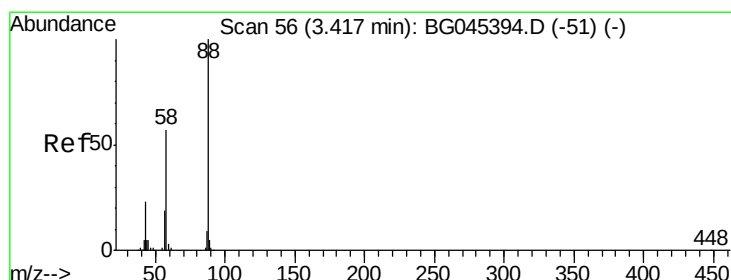
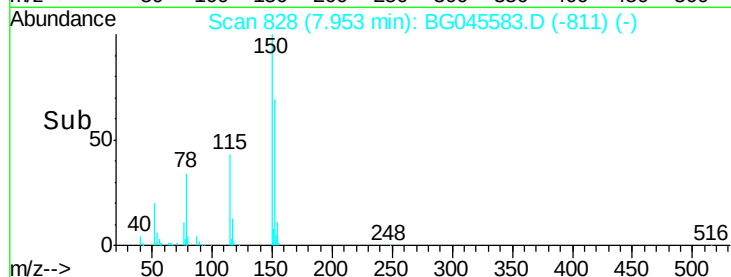
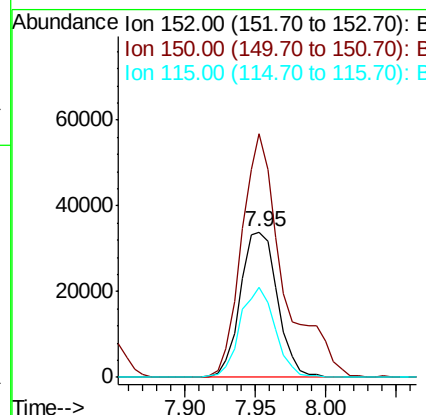
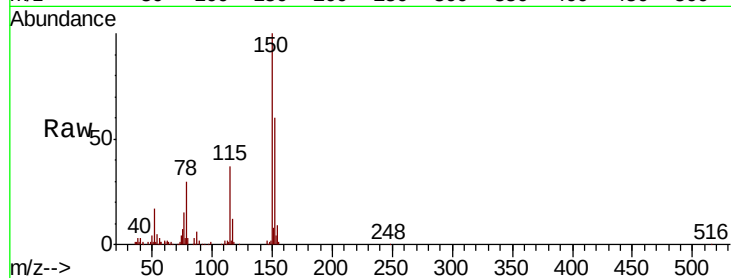
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.8	122.4	183.6
115	61.9	44.2	66.4

Manual Integrations
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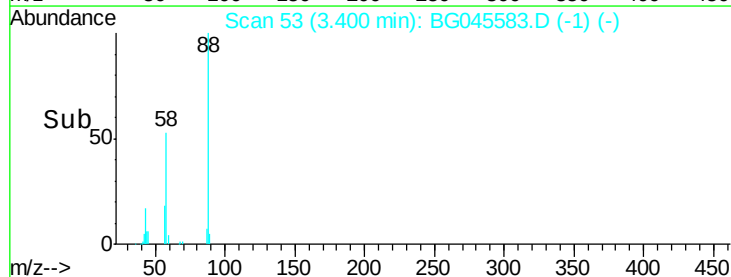
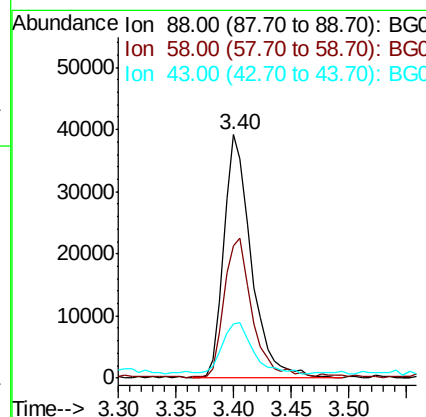
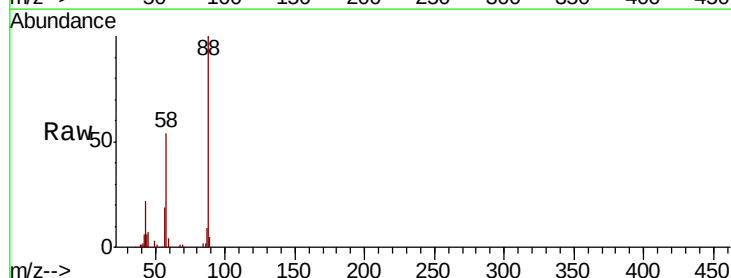
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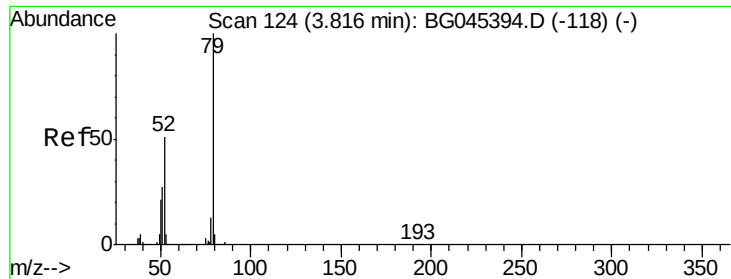


#2

1,4-Dioxane
Concen: 40.713 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.6	45.7	68.5
43	22.6	16.8	25.2





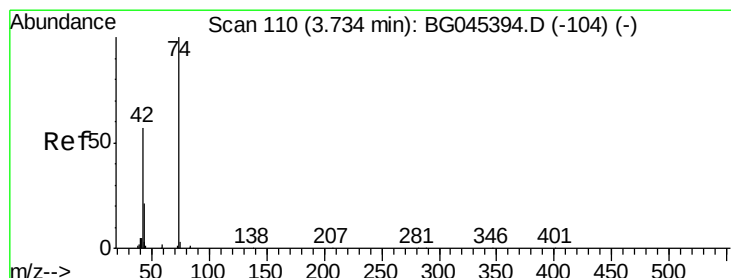
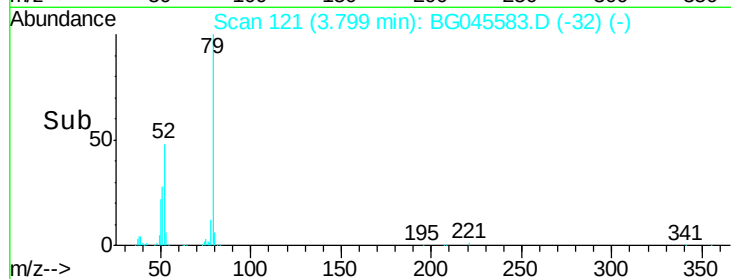
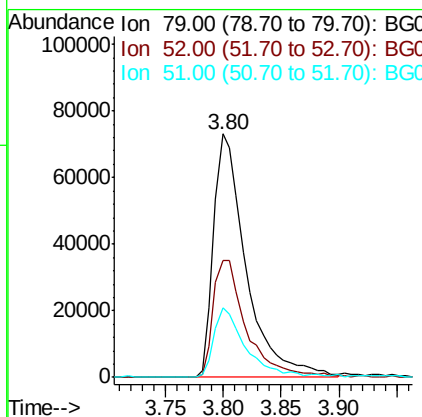
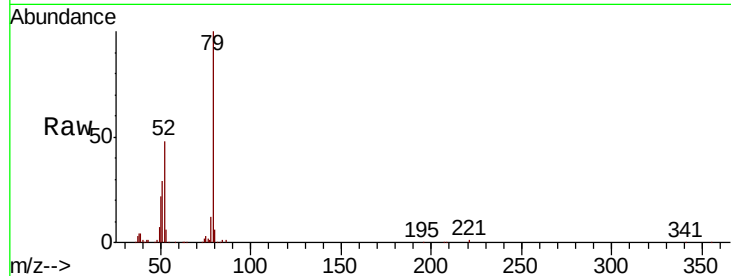
#3
 Pvridine
 Concen: 32.504 ng
 RT: 3.80 min Scan# 121
 Delta R.T. -0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Instrument :
 BNA_G
 ClientSampleID :
 PB129260BS

Tot Ion:	79	Resp:	143126
Ion	Ratio	Lower	Upper
79	100		
52	48.3	40.8	61.2
51	28.8	21.9	32.9

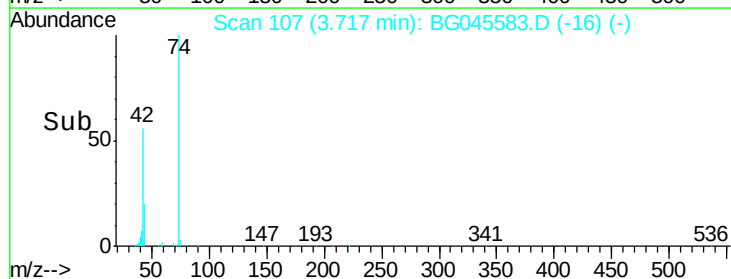
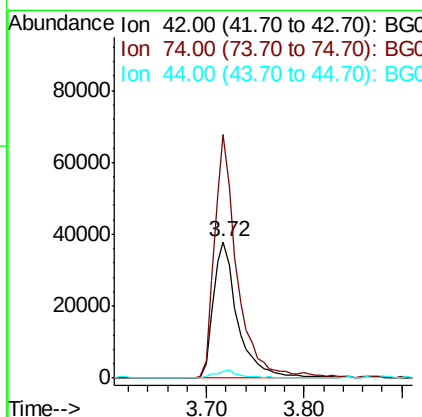
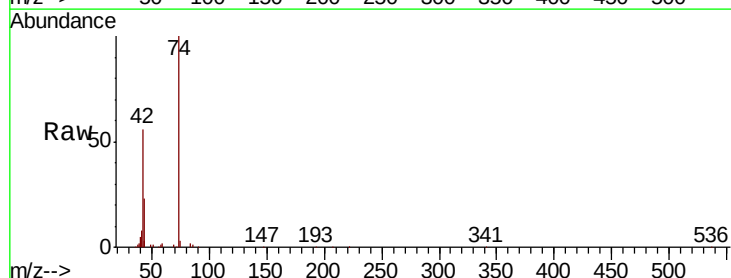
Manual Integrations
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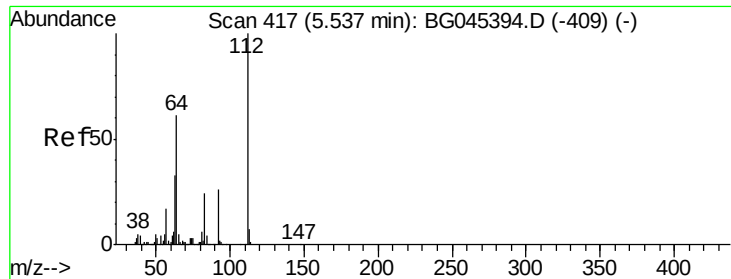
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#4
 n-Nitrosodimethylamine
 Concen: 45.677 ng
 RT: 3.72 min Scan# 107
 Delta R.T. 0.01 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Tgt Ion:	42	Resp:	65816
Ion	Ratio	Lower	Upper
42	100		
74	178.6	141.3	211.9
44	5.3	4.2	6.4





#5

2-Fluorophenol

Concen: 148.699 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

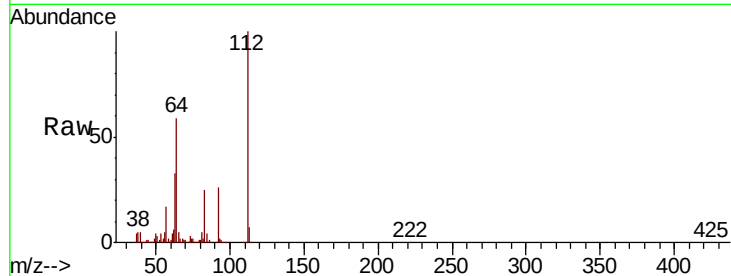
ClientSampleId :

PB129260BS

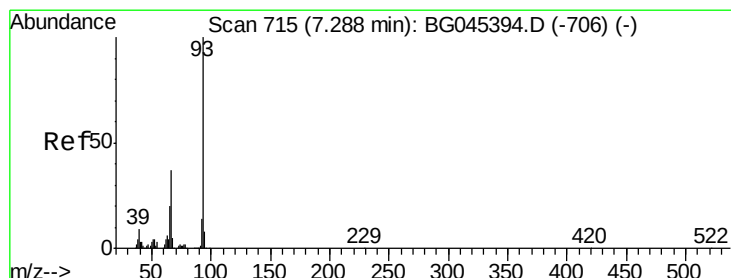
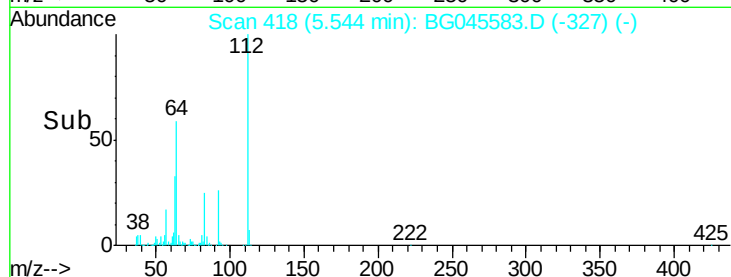
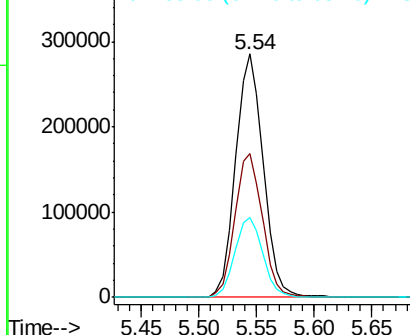
Tot Ion	Ratio	Resp	Lower	Upper
112	100	474107		
64	59.1	48.6	72.8	
63	32.7	26.5	39.7	

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.322 ng

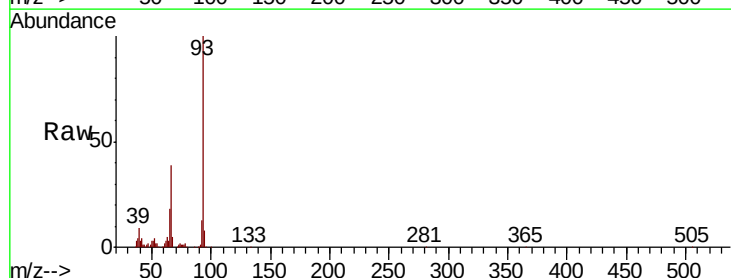
RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

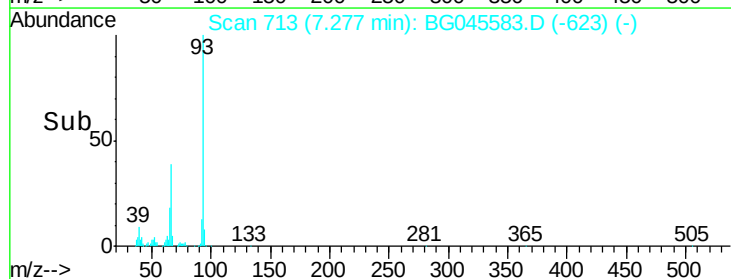
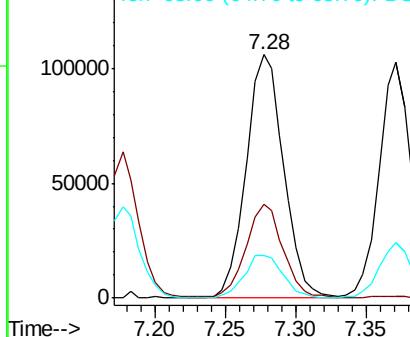
Lab File: BG045583.D

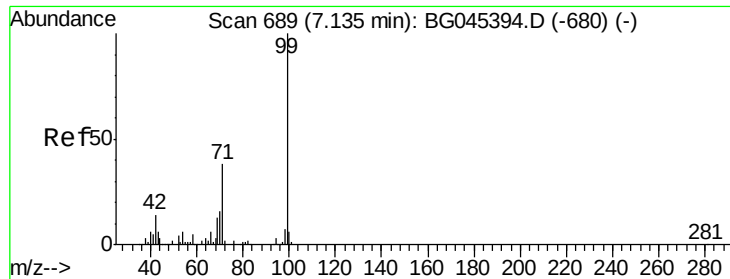
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	197399		
66	38.7	29.6	44.4	
65	17.5	15.9	23.9	



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 144.546 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

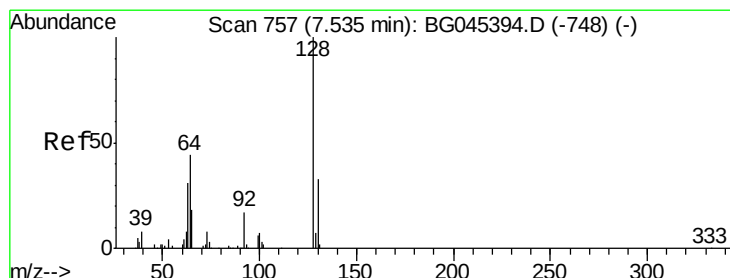
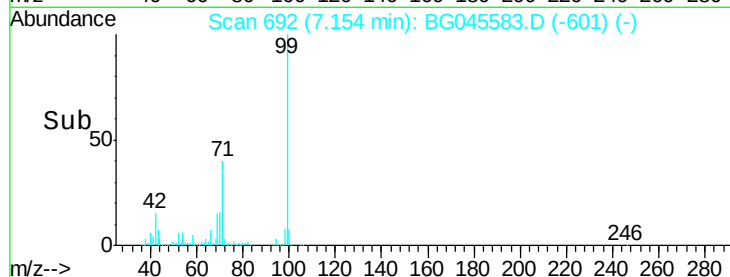
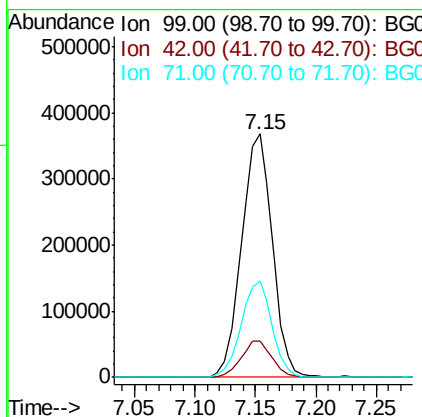
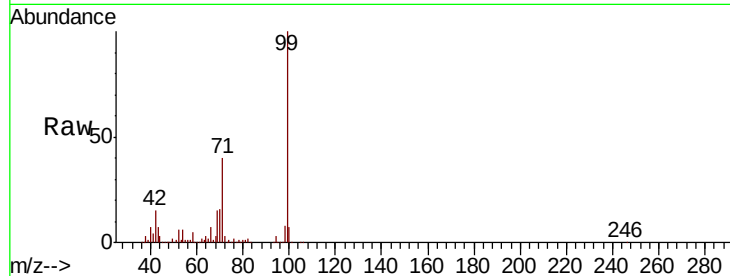
ClientSampleId :

PB129260BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		655948		
42	14.7	11.3	16.9		
71	39.7	30.8	46.2		

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#8

2-Chlorophenol

Concen: 50.051 ng

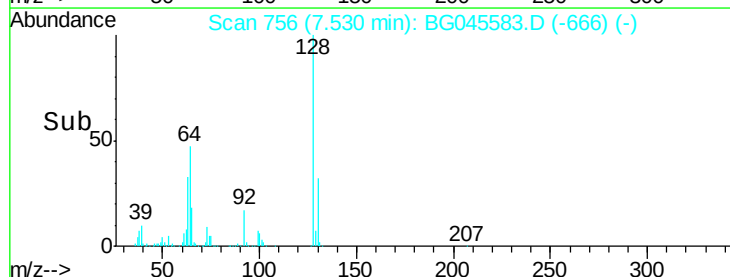
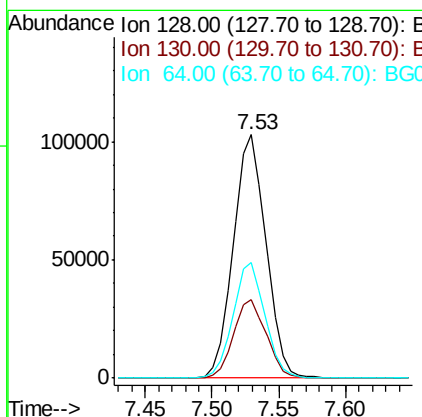
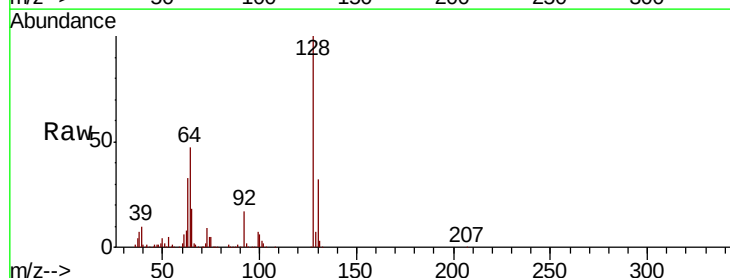
RT: 7.53 min Scan# 756

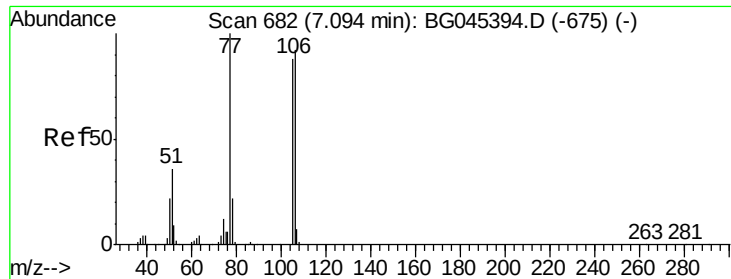
Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		175001		
130	32.4	12.6	52.6		
64	47.4	27.0	67.0		





#9

Benzaldehyde

Concen: 36.889 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

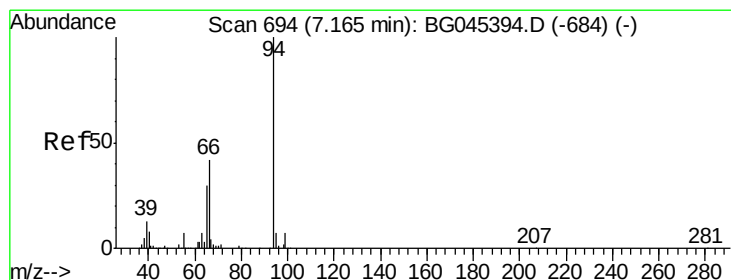
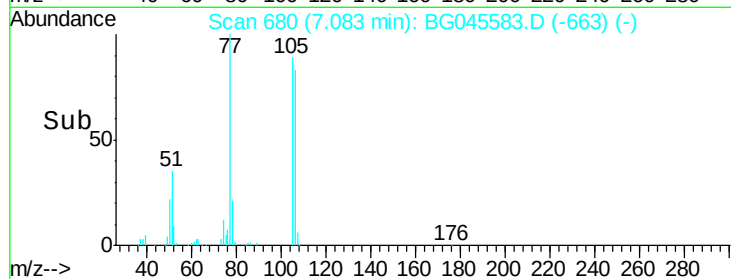
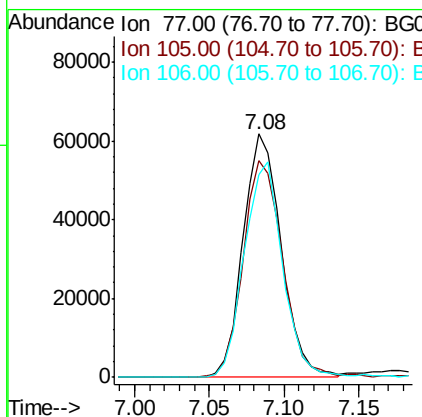
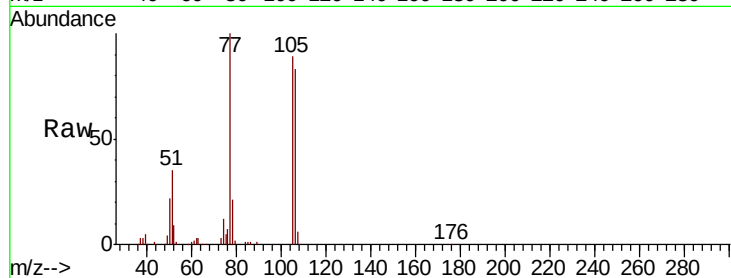
ClientSampleId :

PB129260BS

Tot Ion:	77	Resp:	109068
Ion	Ratio	Lower	Upper
77	100		
105	89.3	68.5	108.5
106	83.4	71.6	111.6

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#10

Phenol

Concen: 49.352 ng

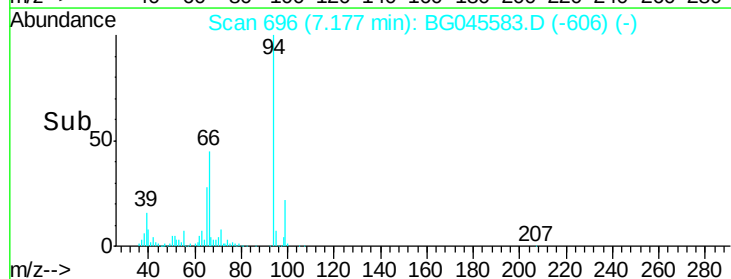
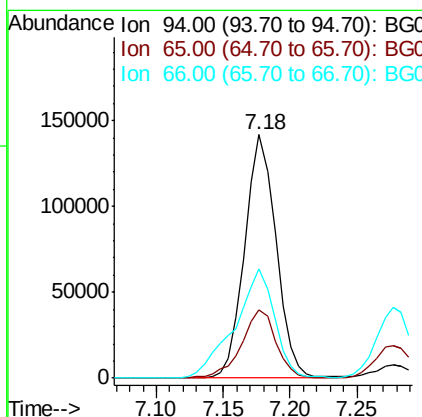
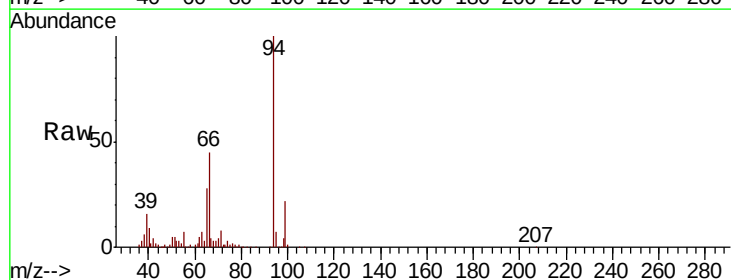
RT: 7.18 min Scan# 696

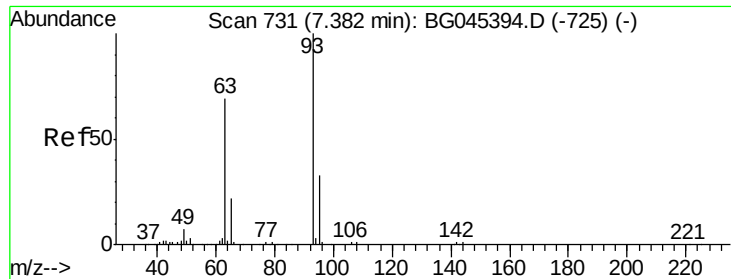
Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Tgt Ion:	94	Resp:	230819
Ion	Ratio	Lower	Upper
94	100		
65	28.1	9.8	49.8
66	44.8	22.0	62.0





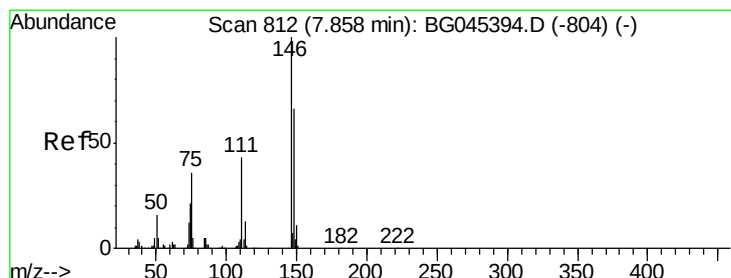
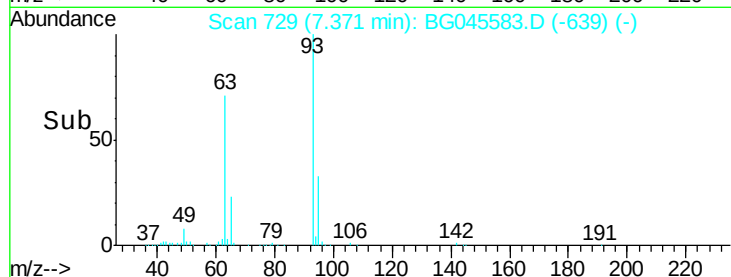
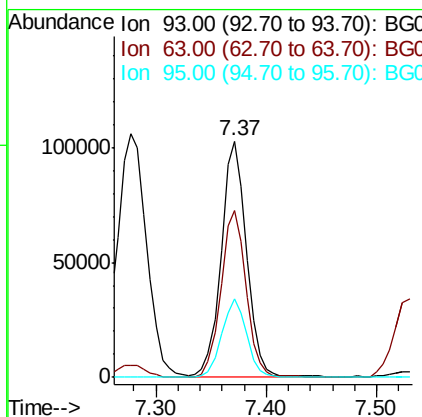
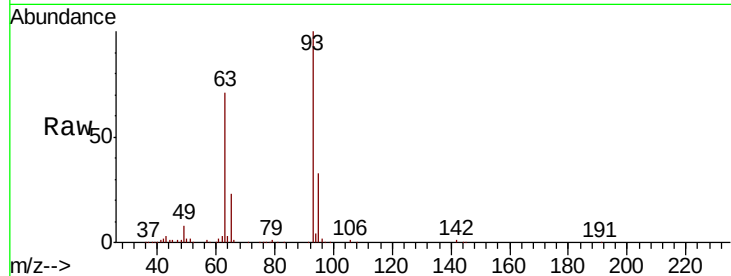
#11
bis(2-Chloroethyl)ether
Concen: 45.380 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	165550		
63	70.7		48.4	88.4
95	33.0		12.4	52.4

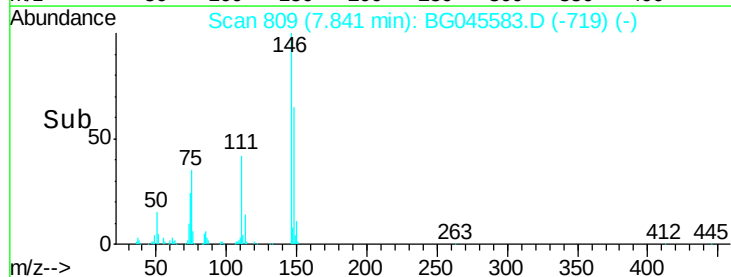
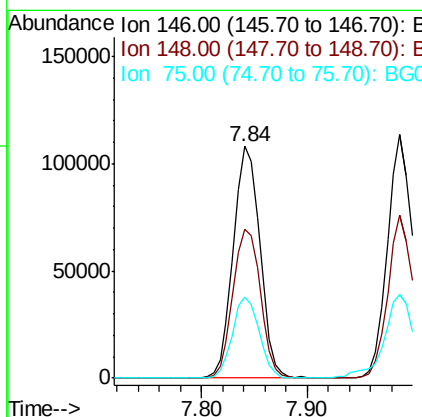
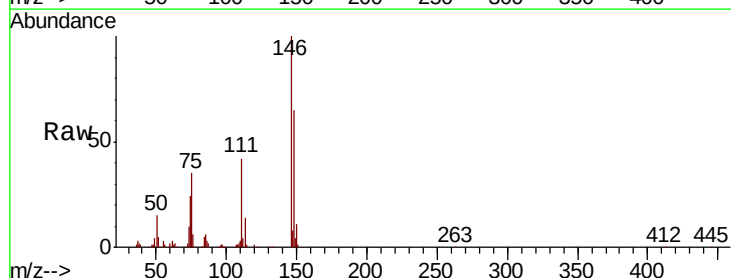
Manual Integrations
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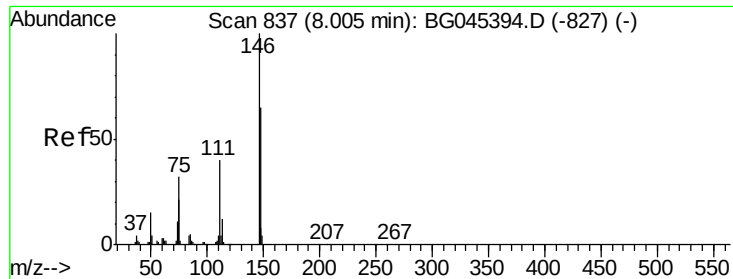
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.929 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	188781		
148	64.5		53.2	79.8
75	35.1		28.6	43.0





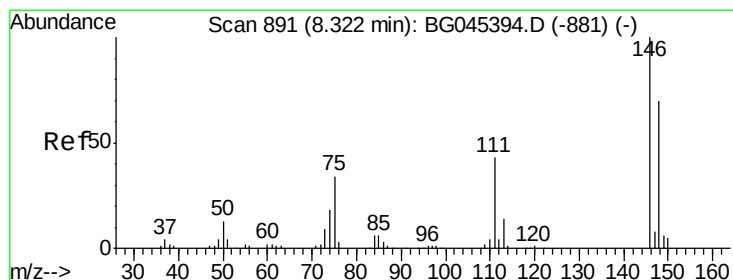
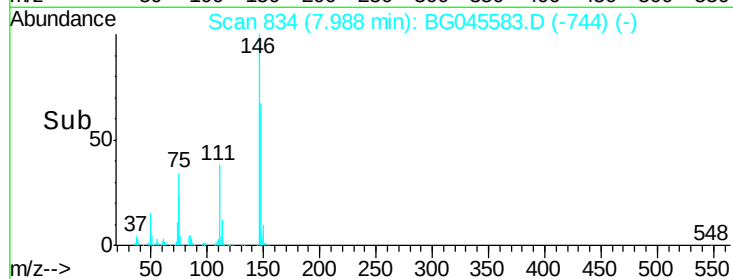
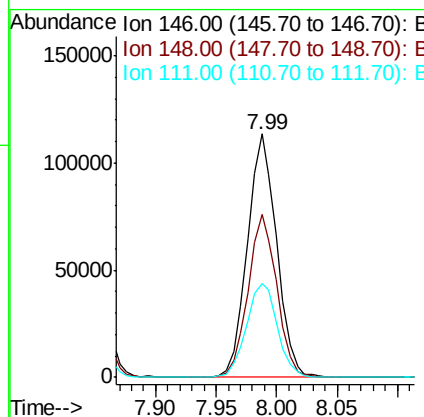
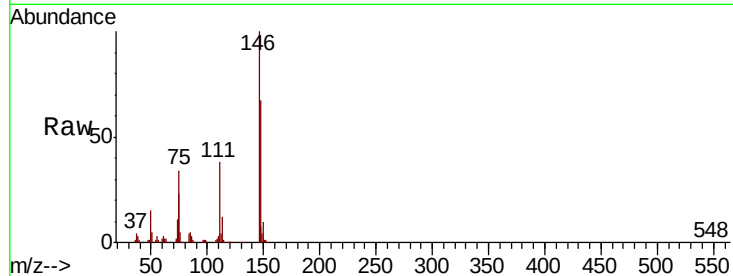
#13
1,4-Dichlorobenzene
Concen: 46.139 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.8	77.8
111	38.4	32.1	48.1

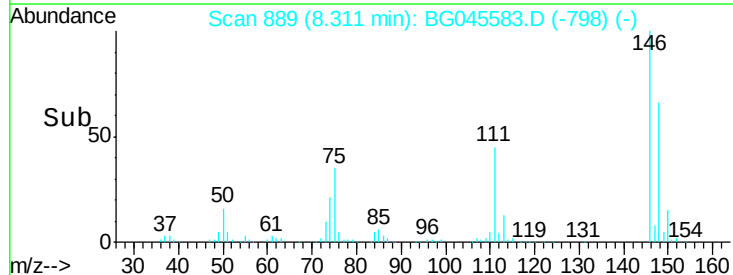
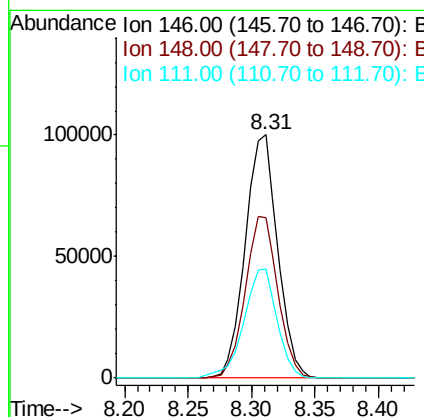
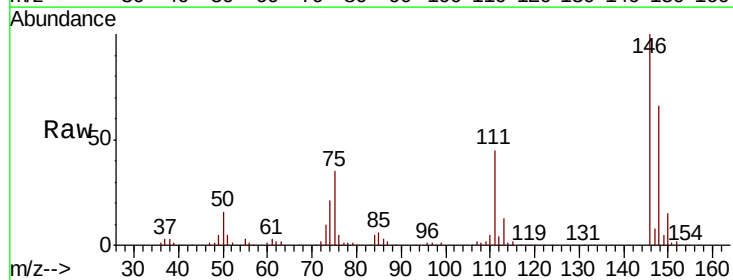
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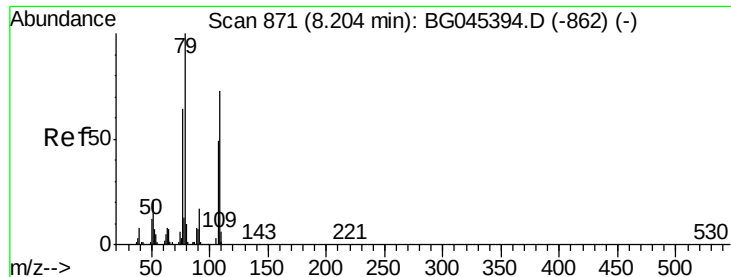
mohammad
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#14
1,2-Dichlorobenzene
Concen: 44.587 ng
RT: 8.31 min Scan# 889
Delta R.T. 0.01 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	55.9	83.9
111	44.9	35.0	52.4





#15

Benzyl Alcohol

Concen: 48.155 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

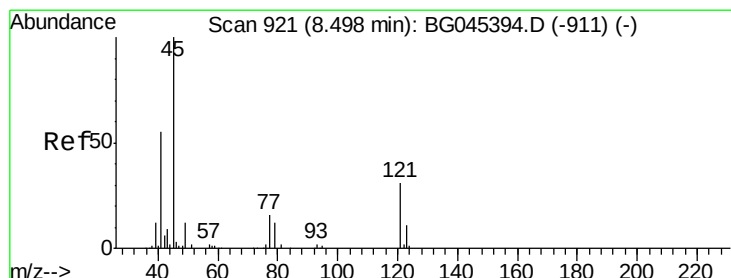
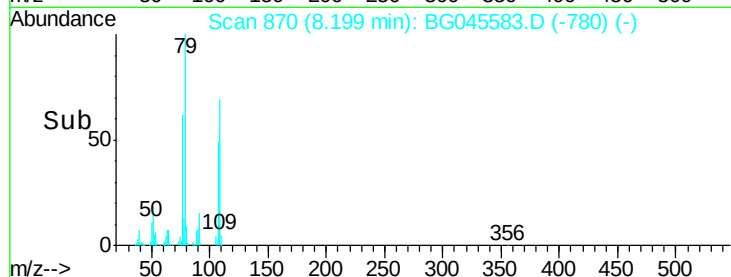
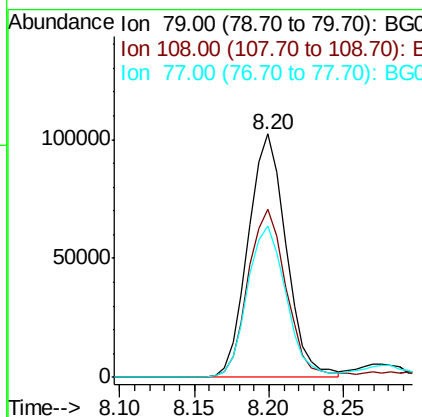
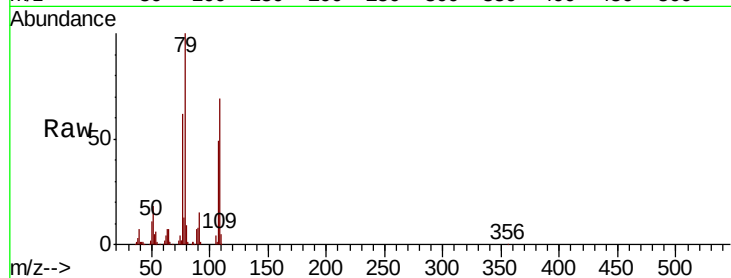
ClientSampled :

PB129260BS

Tot Ion:	79	Resp:	180523
Ion Ratio	Lower	Upper	
79	100		
108	69.0	58.2	87.4
77	62.4	51.0	76.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.280 ng

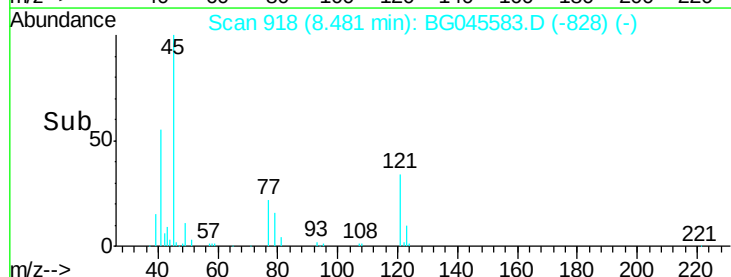
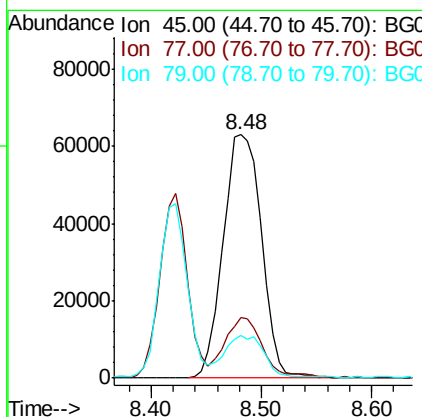
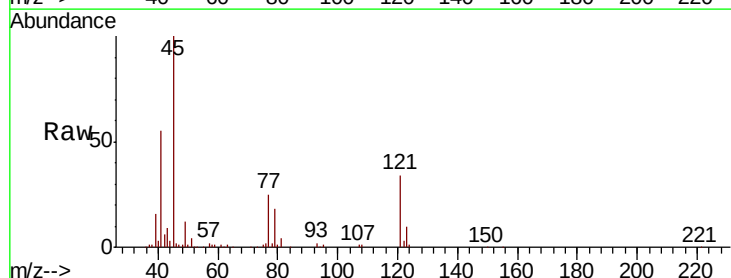
RT: 8.48 min Scan# 918

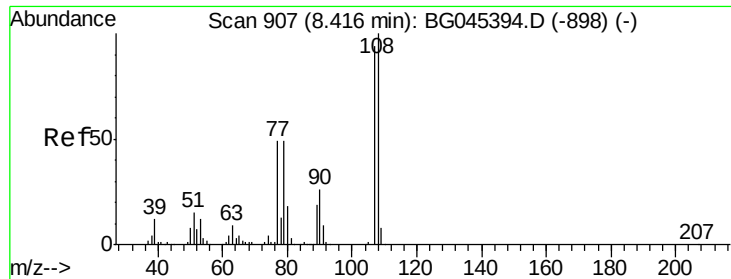
Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Tgt Ion:	45	Resp:	153334
Ion Ratio	Lower	Upper	
45	100		
77	24.7	4.0	44.0
79	17.6	0.0	38.6





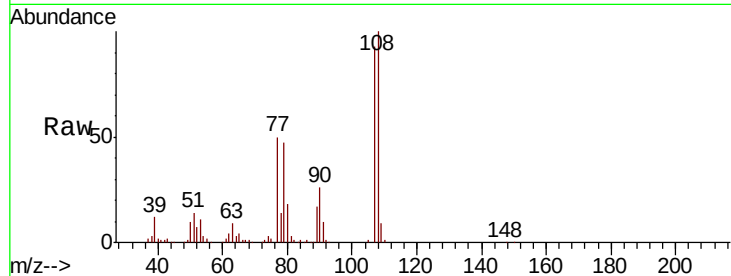
#17
2-Methylphenol
Concen: 44.929 ng
RT: 8.42 min Scan# 908
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampled :
PB129260BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	157285		
108	107.6	85.2	127.8	
77	54.2	41.6	62.4	
79	51.0	41.8	62.8	

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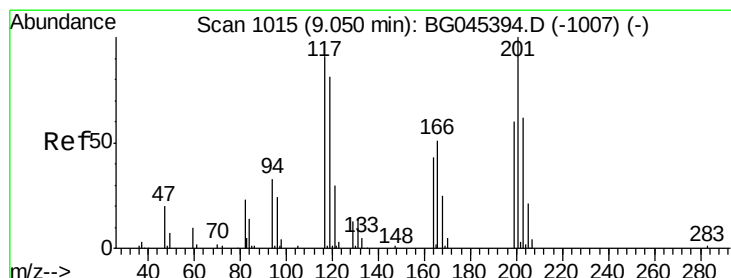
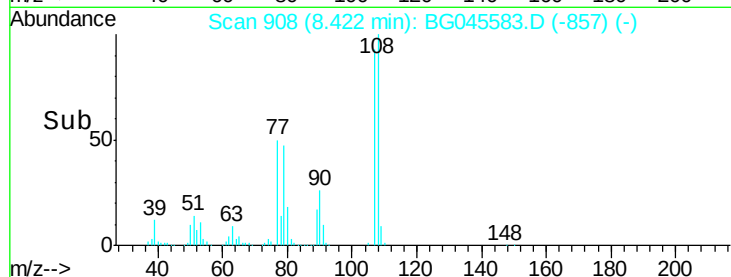
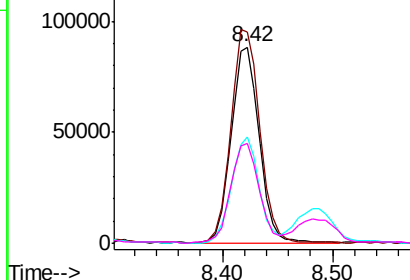
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

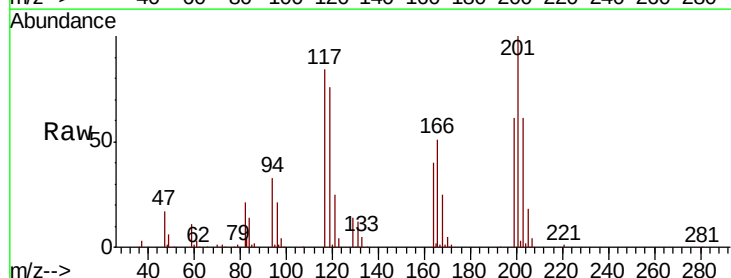
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 47.103 ng
RT: 9.04 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	74805		
119	90.1	71.3	106.9	
201	119.0	87.5	131.3	

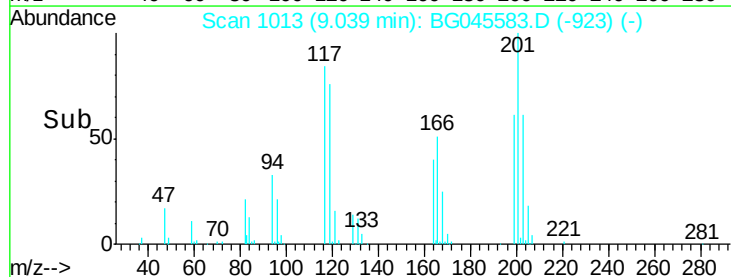
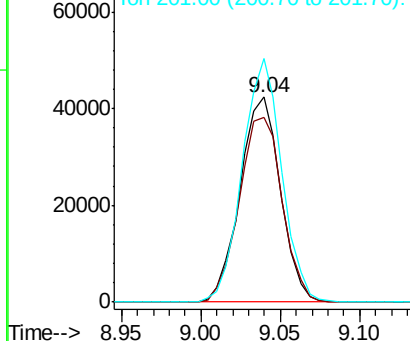


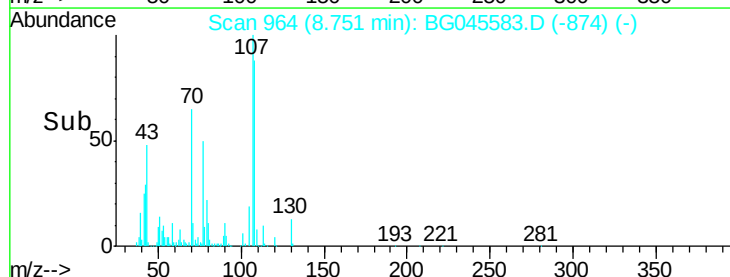
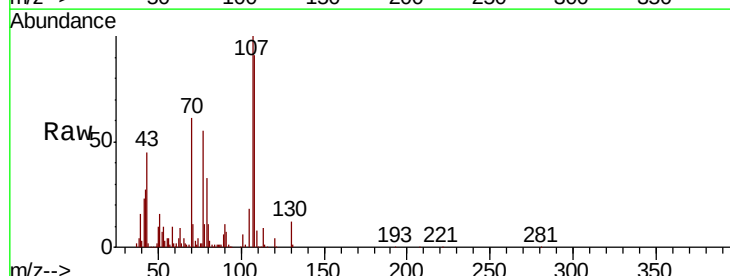
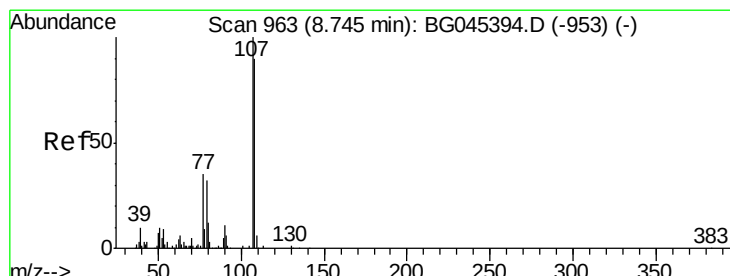
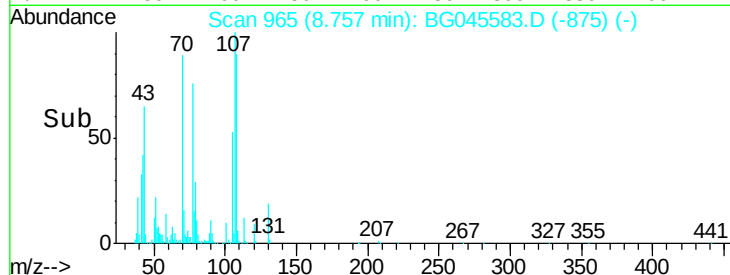
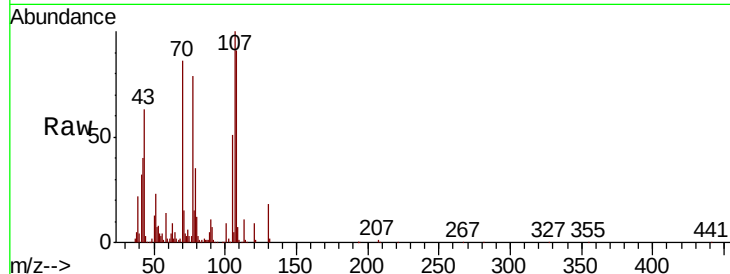
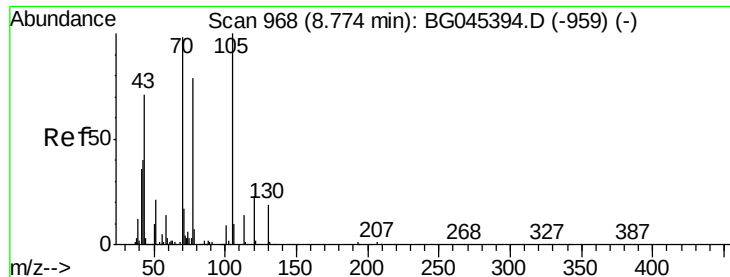
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

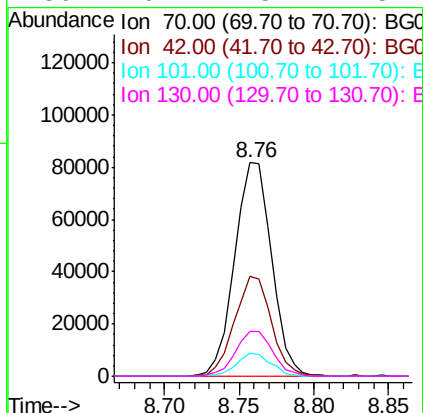
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 44.977 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	46.5	33.2	49.8		
101	10.8	7.8	11.6		
130	20.7	15.4	23.2		



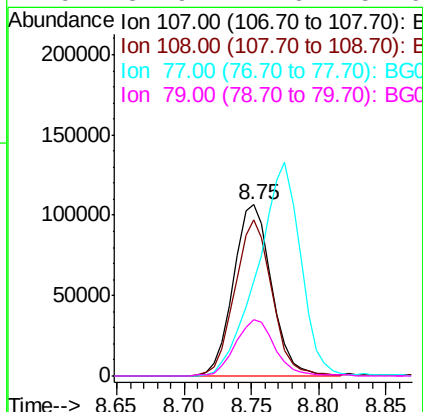
Instrument :
BNA_G
ClientSampleId :
PB129260BS

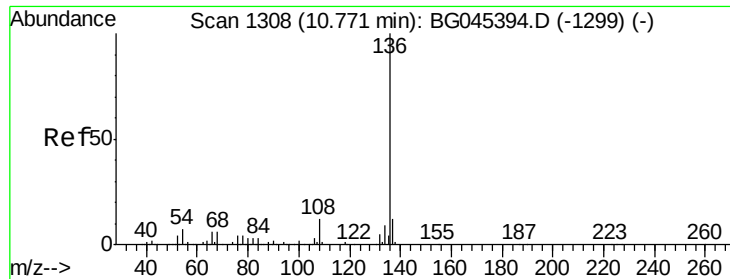
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#20
3+4-Methylphenols
Concen: 44.239 ng m
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.3	70.3	110.3		
77	55.4	15.4	55.4#		
79	32.9	12.6	52.6		





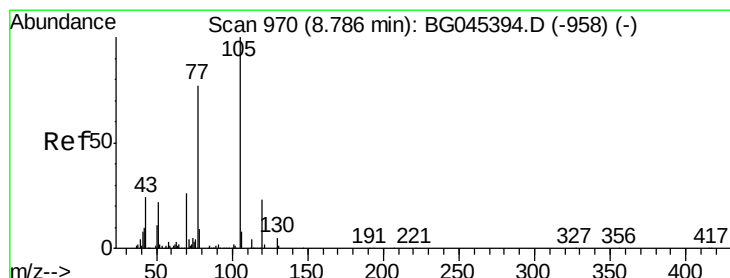
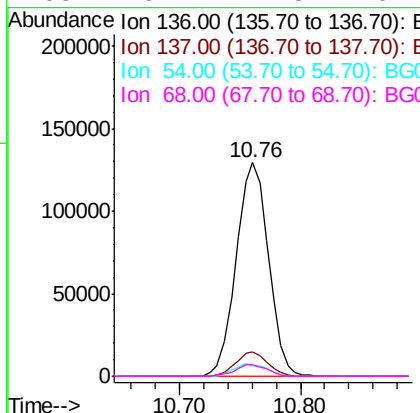
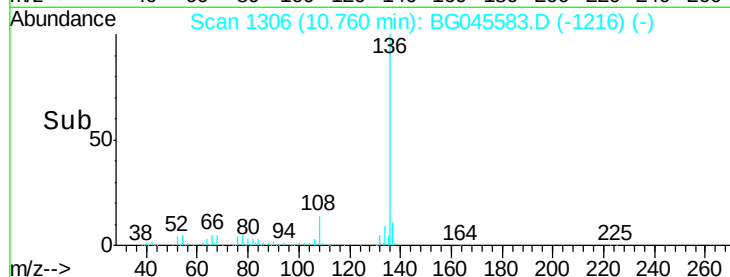
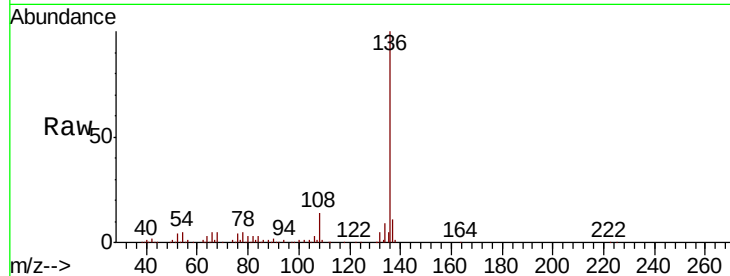
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.4	14.2	
54	4.7	5.8	8.6	
68	5.2	4.5	6.7	

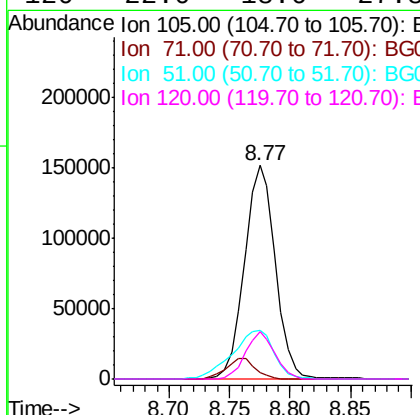
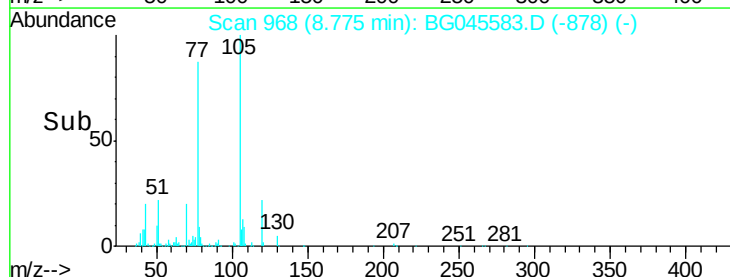
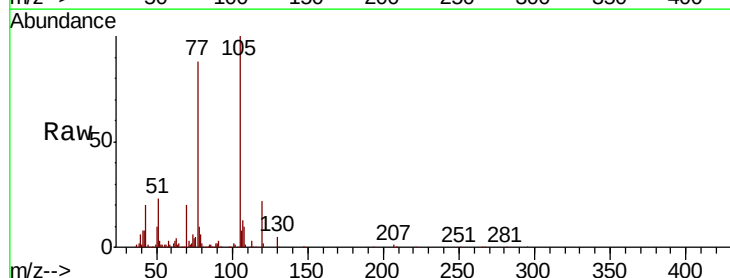
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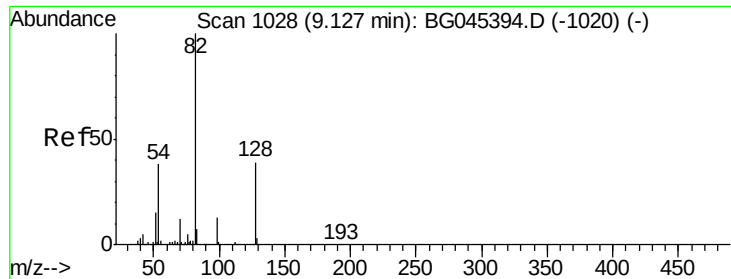
mohammad
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#22
Acetophenone
Concen: 47.271 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.1	3.4	5.0	
51	22.9	18.2	27.2	
120	22.0	18.6	27.8	





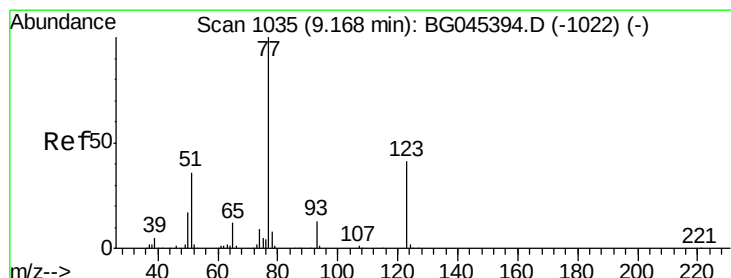
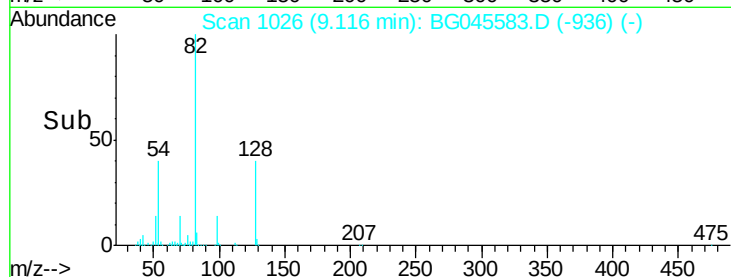
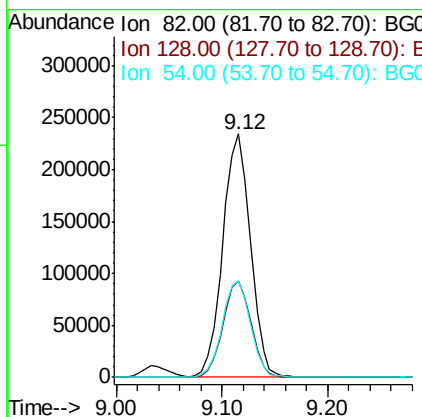
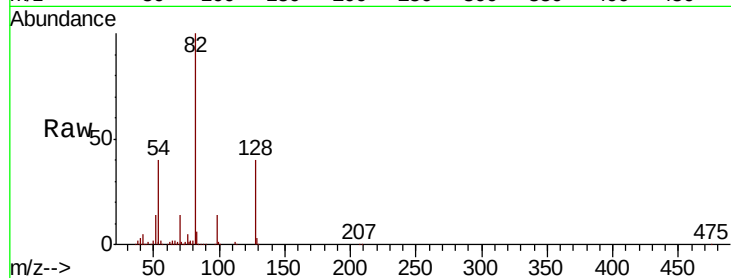
#23
 Nitrobenzene-d5
 Concen: 96.336 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB129260BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.6	30.9	46.3
54	39.5	30.3	45.5

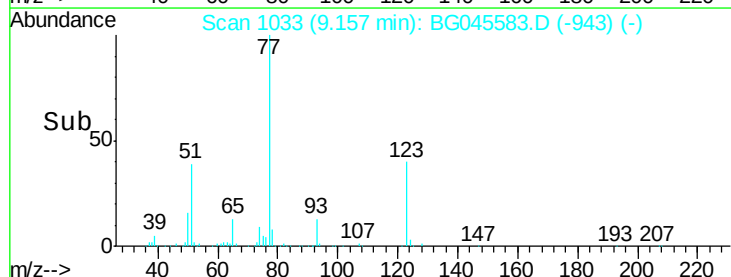
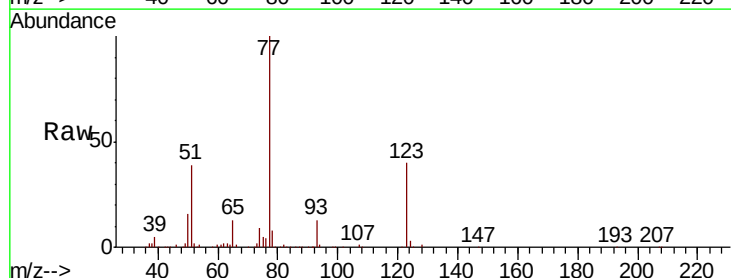
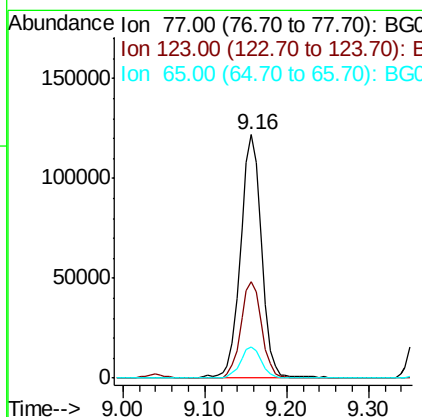
Manual Integrations
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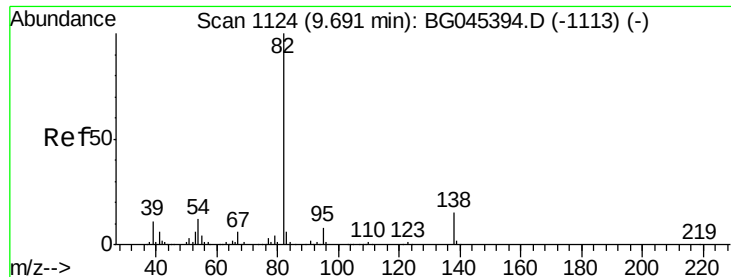
mohammad
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#24
 Nitrobenzene
 Concen: 46.015 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.7	32.9	49.3
65	12.9	9.4	14.2





#25

Isophorone

Concen: 46.492 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

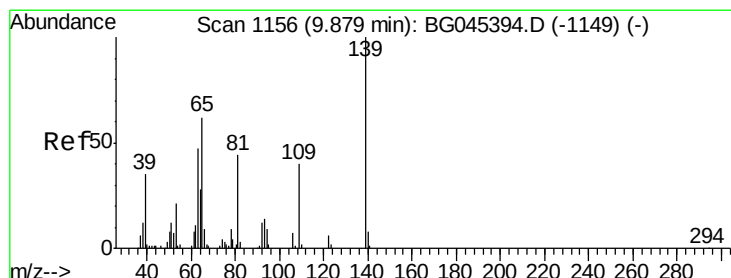
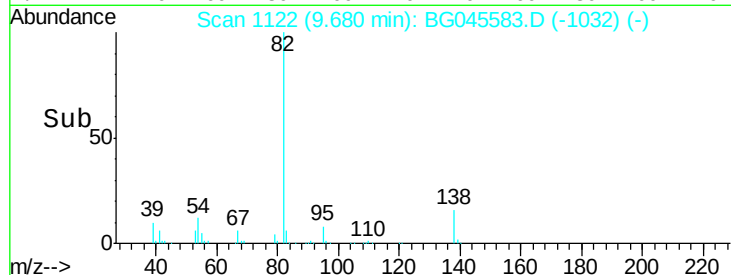
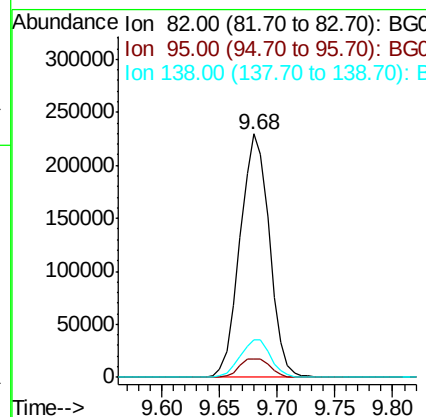
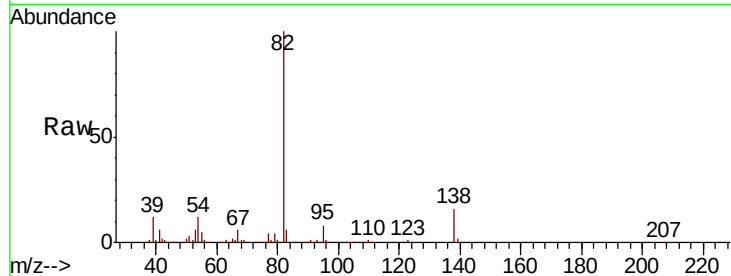
ClientSampleId :

PB129260BS

Tot Ion	82	Resp	404379
Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.7	10.1
138	15.7	12.2	18.4

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#26

2-Nitrophenol

Concen: 49.102 ng

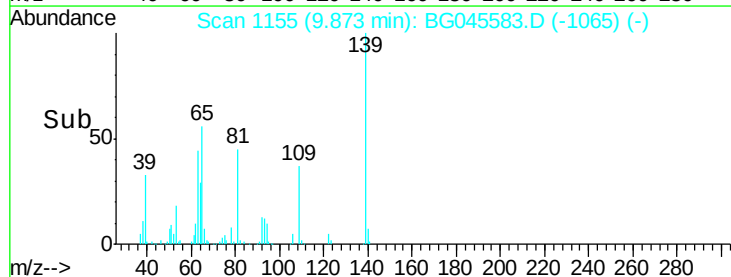
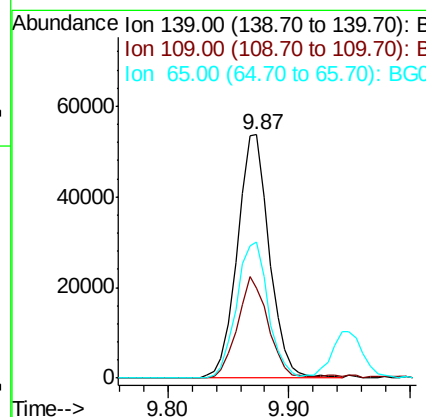
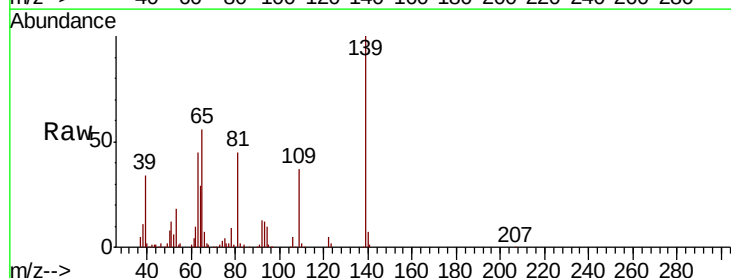
RT: 9.87 min Scan# 1155

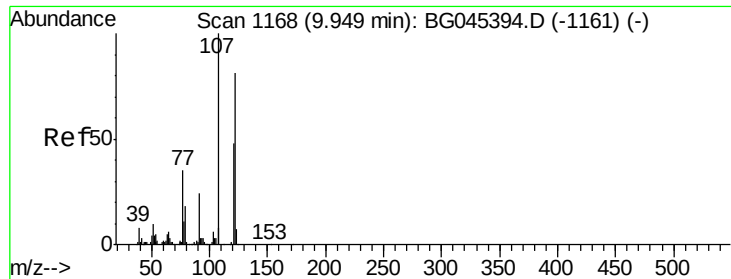
Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Tgt Ion	139	Resp	99392
Ion	Ratio	Lower	Upper
139	100		
109	37.2	32.2	48.4
65	55.9	49.6	74.4





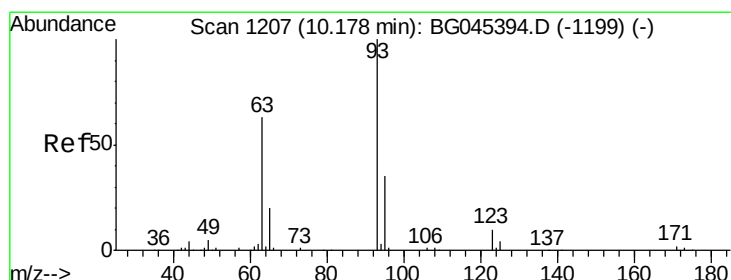
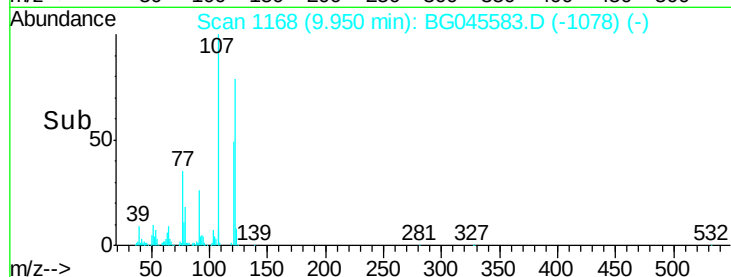
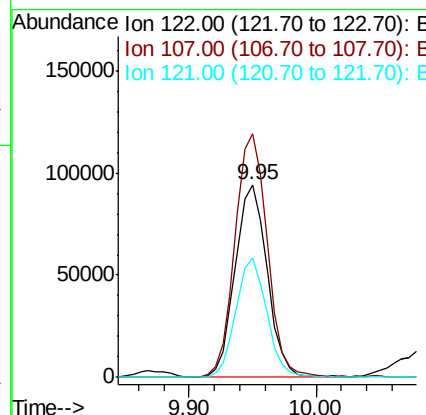
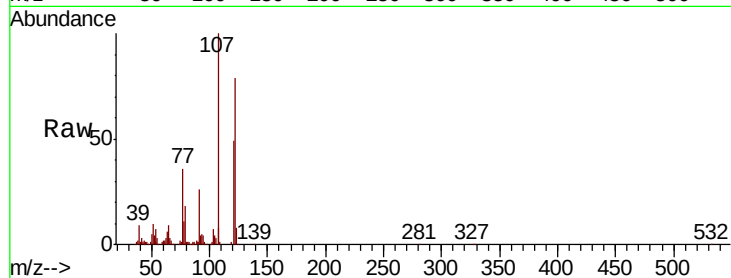
#27
2,4-Dimethylphenol
Concen: 54.721 ng
RT: 9.95 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.3	99.0	148.4
121	61.9	47.7	71.5

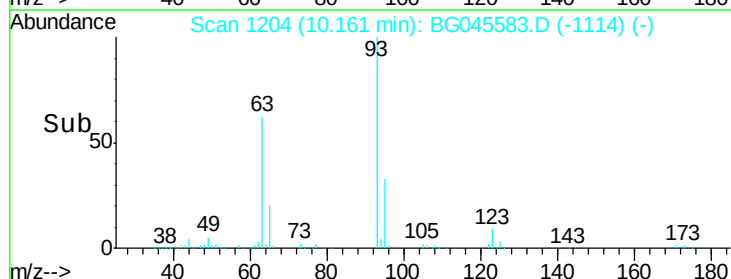
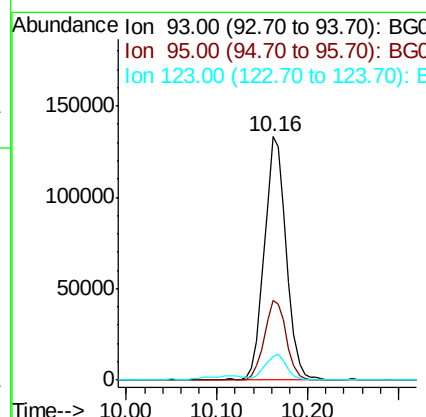
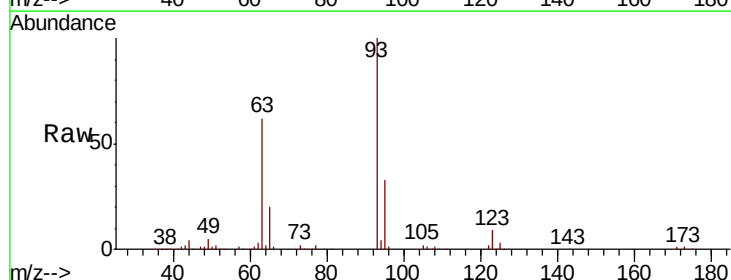
Manual Integrations
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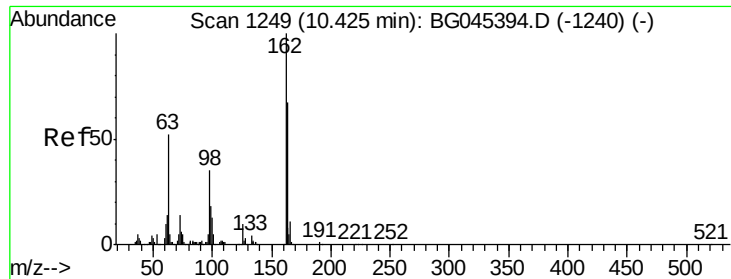
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 48.906 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.6	41.4
123	9.4	8.1	12.1





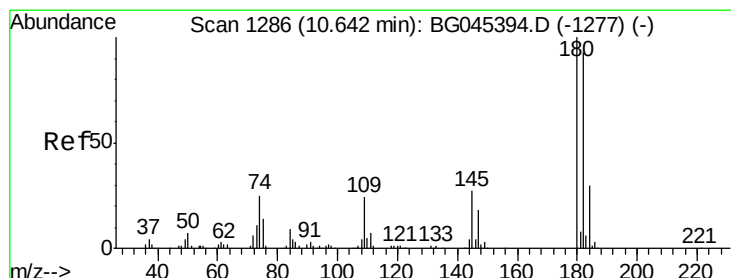
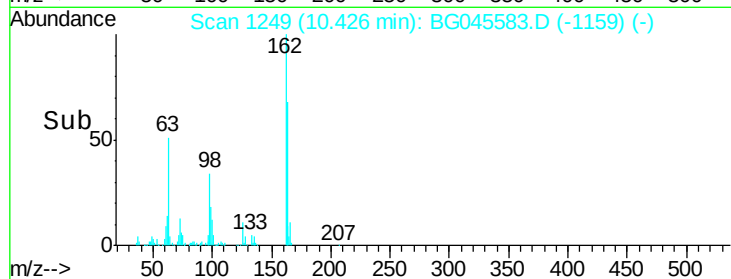
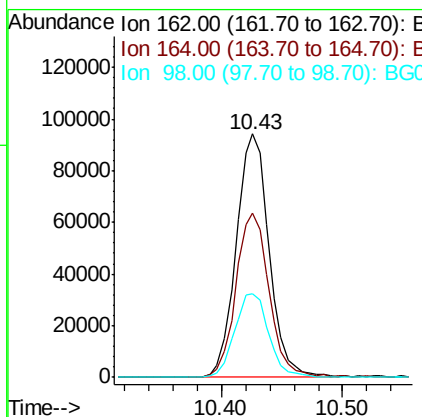
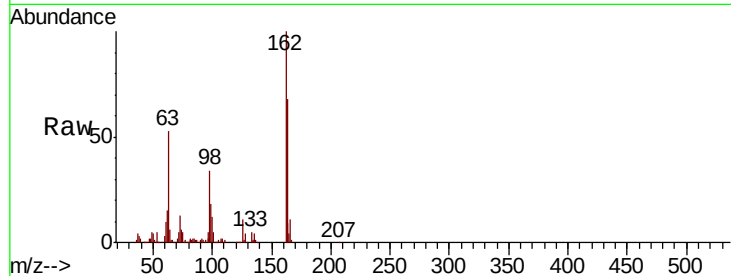
#29
 2,4-Dichlorophenol
 Concen: 50.411 ng
 RT: 10.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB129260BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.6	46.8	86.8
98	34.2	15.2	55.2

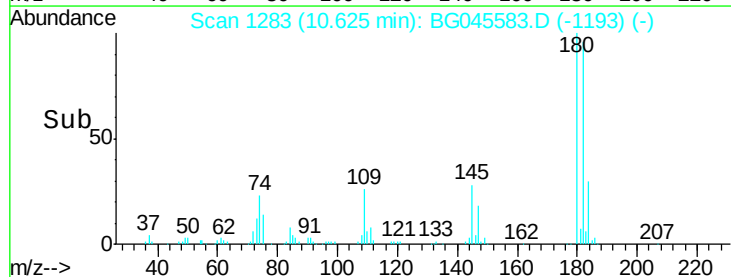
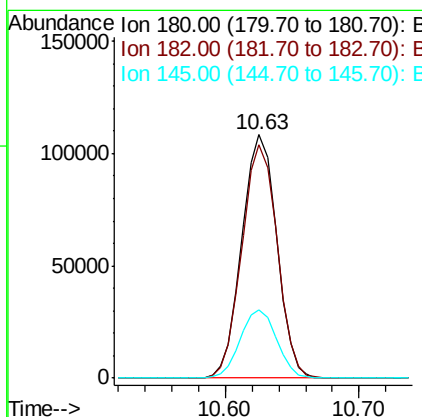
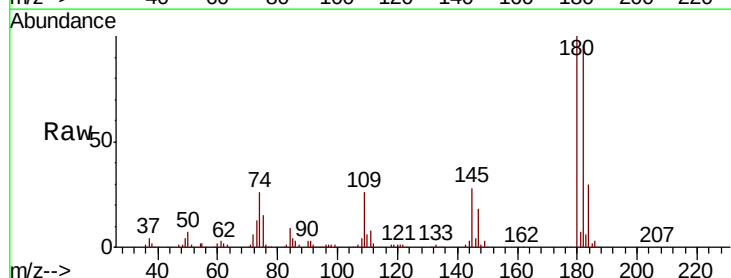
Manual Integrations
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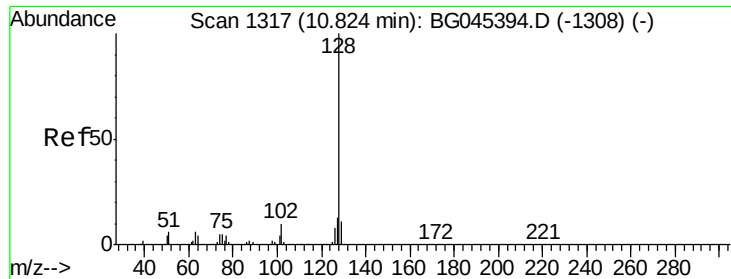
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.897 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	74.8	112.2
145	27.9	21.9	32.9





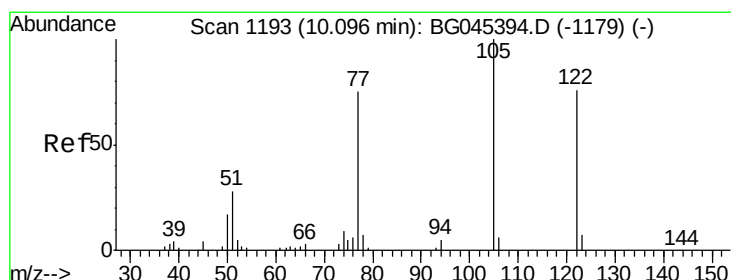
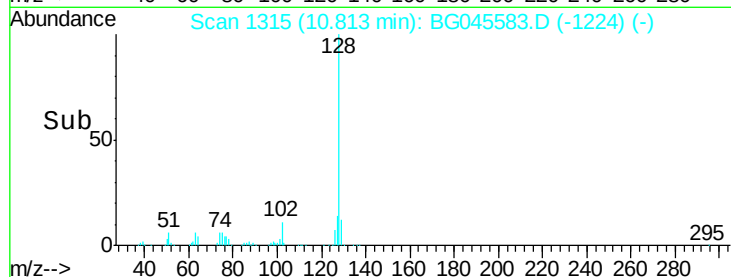
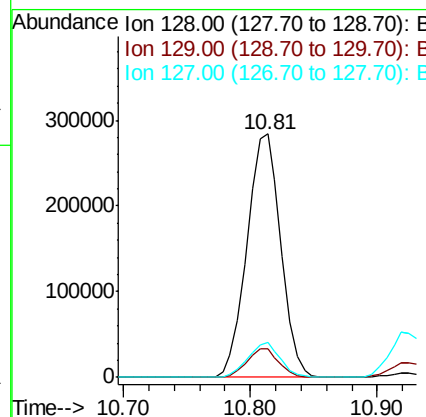
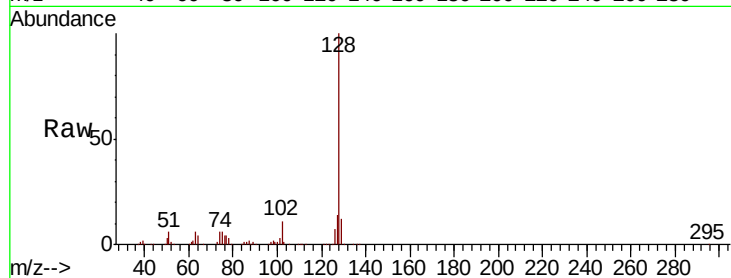
#31
Naphthalene
Concen: 46.749 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	14.1	10.7	16.1

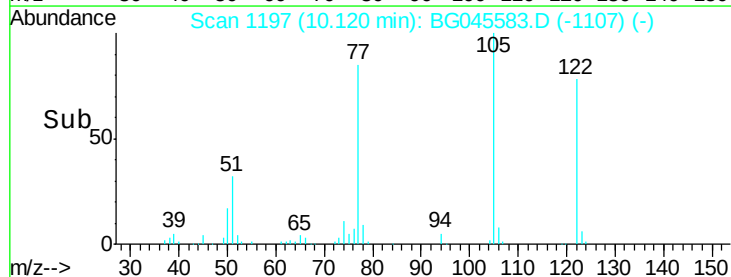
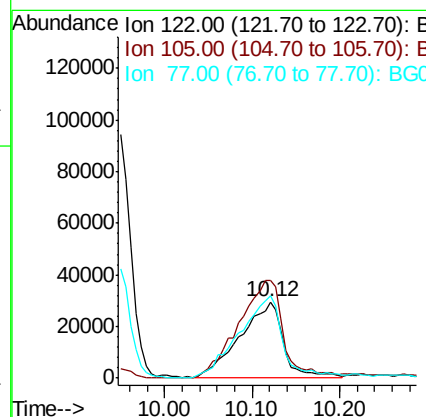
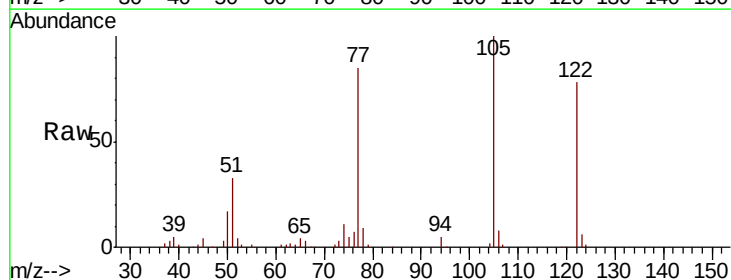
Manual Integrations
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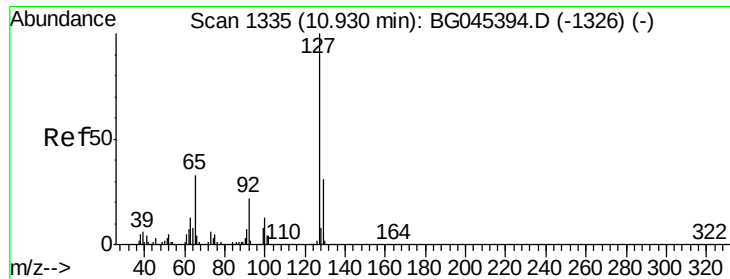
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#32
Benzoic acid
Concen: 47.434 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.6	107.9	147.9
77	107.9	78.9	118.9





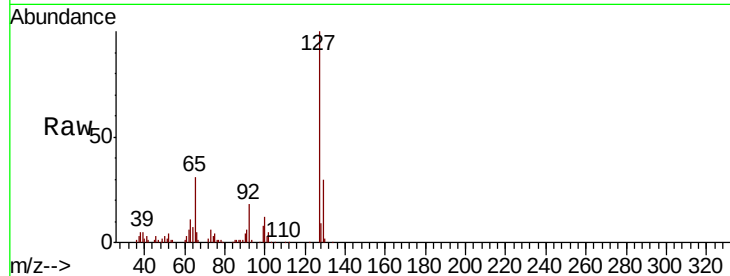
#33
4-Chloroaniline
Concen: 23.611 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.3	24.7	37.1		
65	31.0	26.2	39.2		
92	18.0	17.9	26.9		

Manual Integrations
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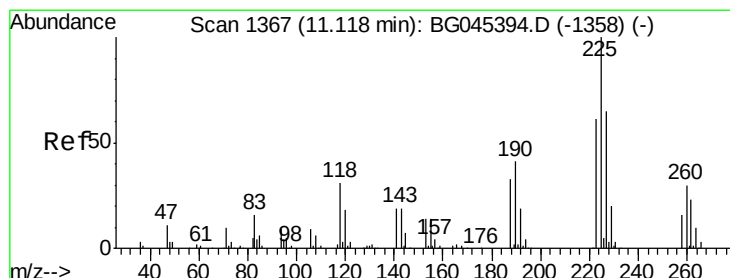
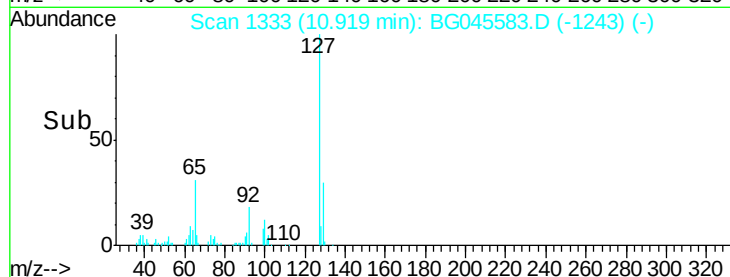
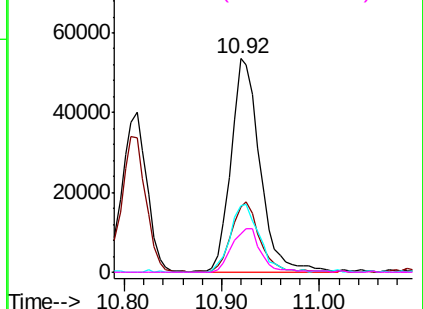
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

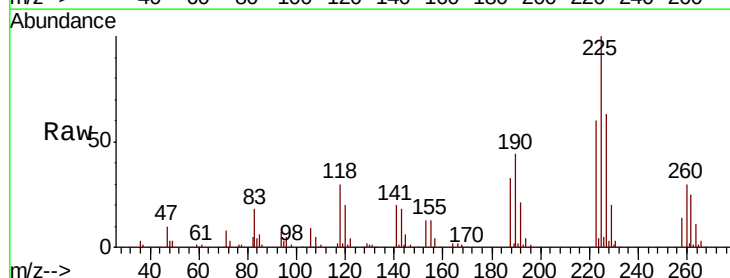
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 46.555 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	59.7	49.1	73.7		
227	63.2	52.0	78.0		

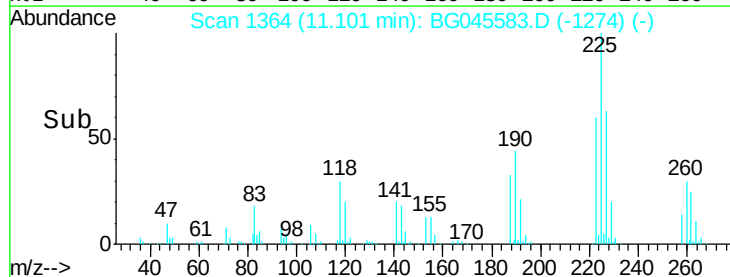
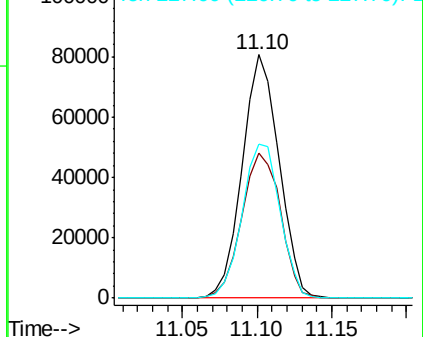


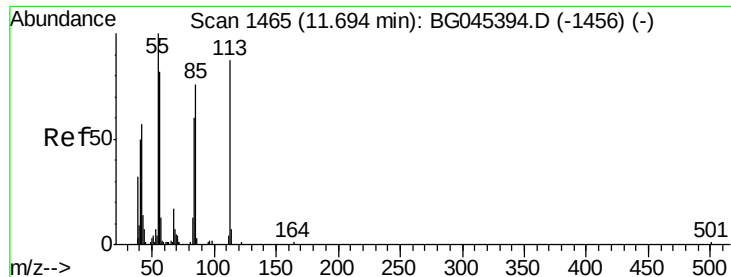
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





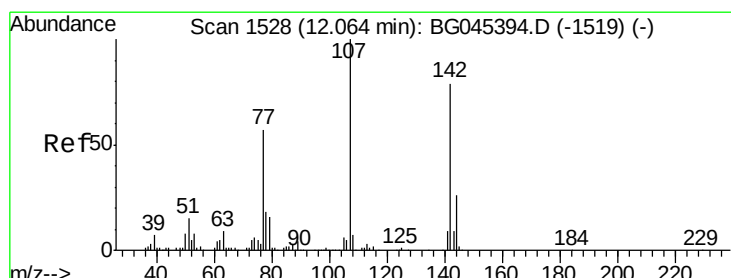
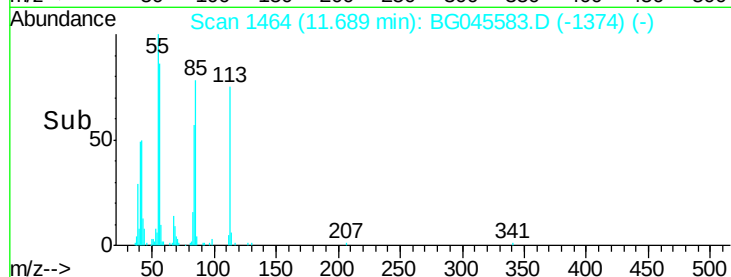
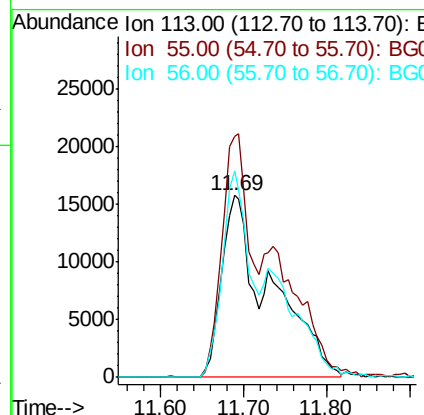
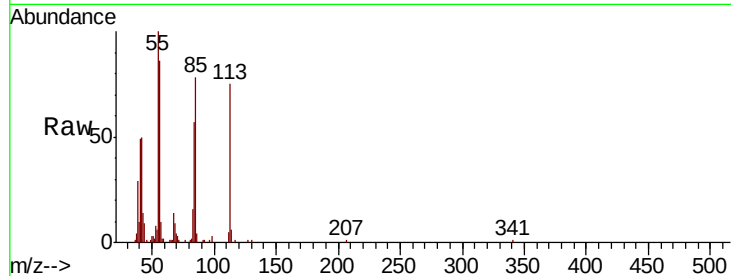
#35
 Caprolactam
 Concen: 49.825 ng/ml
 RT: 11.69 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Instrument :
 BNA_G
 ClientSampleID :
 PB129260BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	132.7	96.0	136.0
56	113.6	75.1	115.1

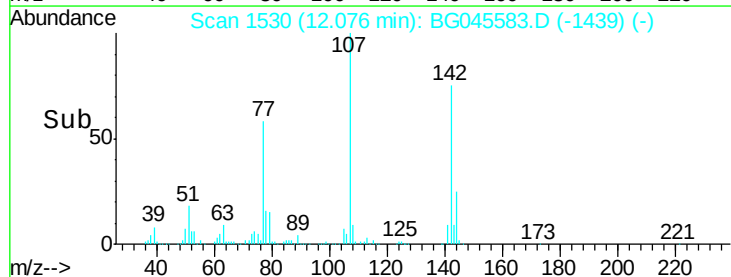
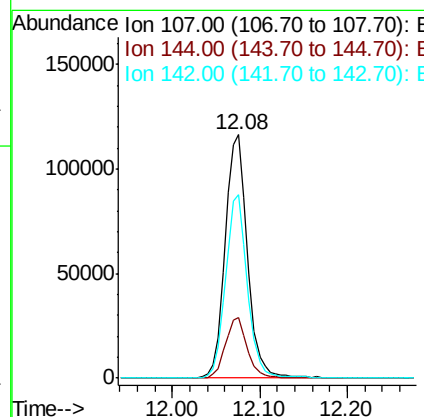
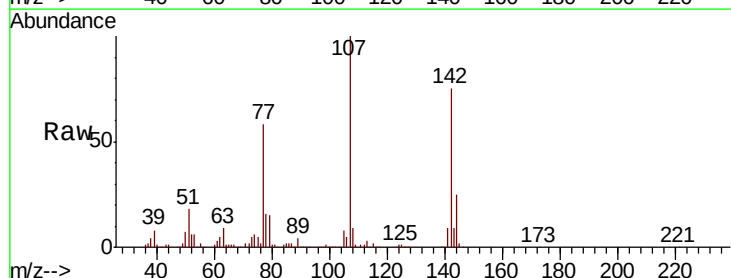
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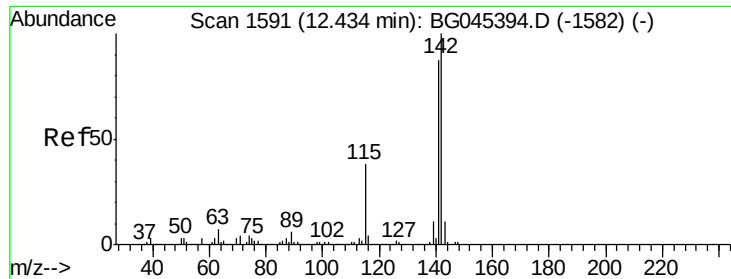
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#36
 4-Chloro-3-methylphenol
 Concen: 51.475 ng
 RT: 12.08 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.8	31.2
142	75.4	62.8	94.2





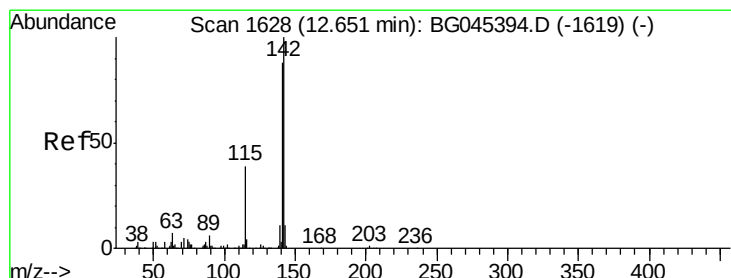
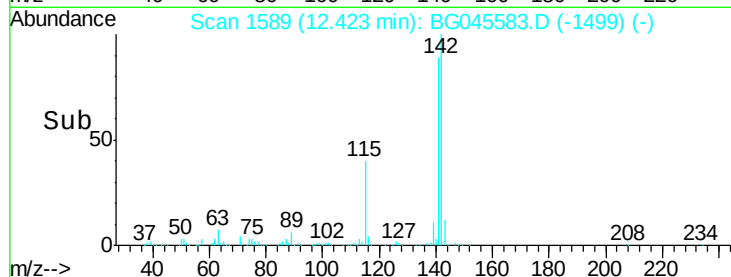
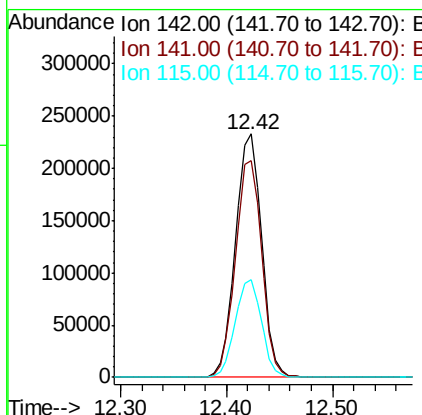
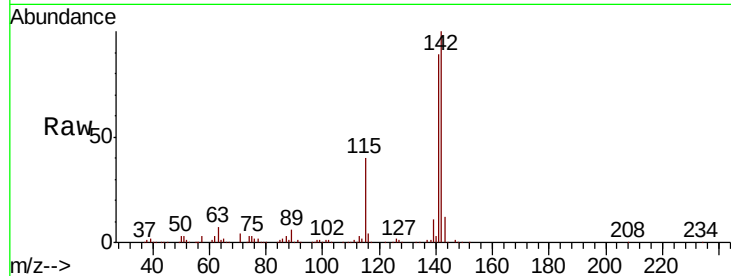
#37
2-Methylnaphthalene
Concen: 47.650 ng
RT: 12.42 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.0	105.0
115	40.1	30.8	46.2

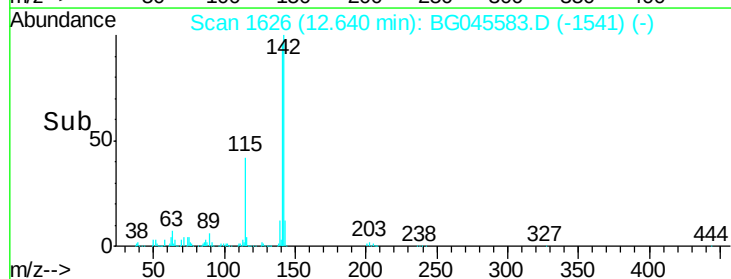
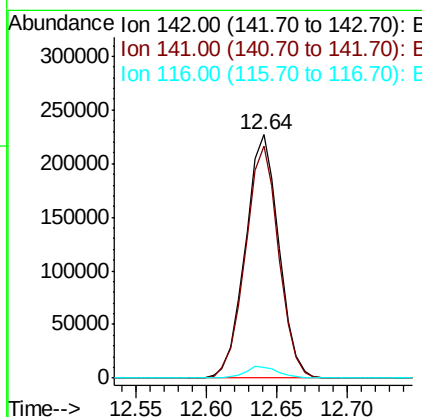
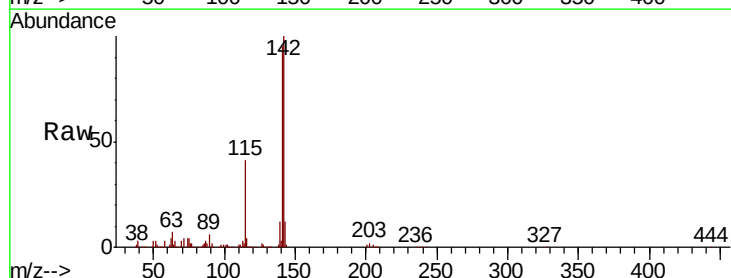
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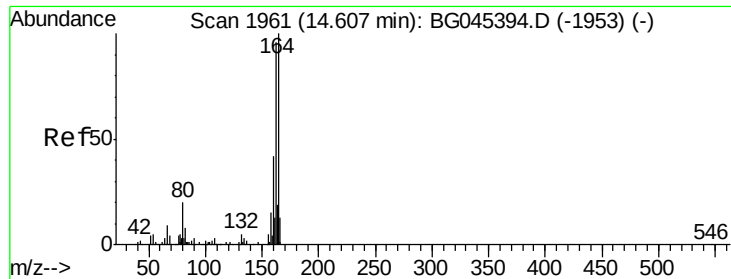
mohammad
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#38
1-Methylnaphthalene
Concen: 47.731 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	70.8	106.2
116	4.3	3.0	4.6





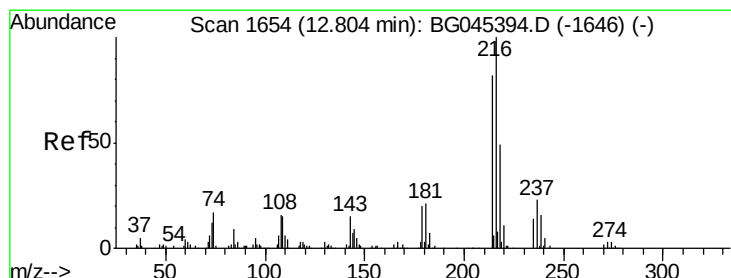
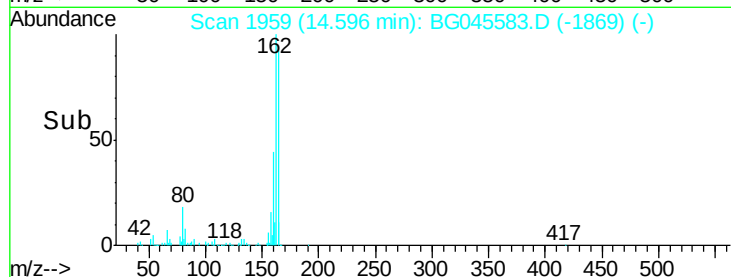
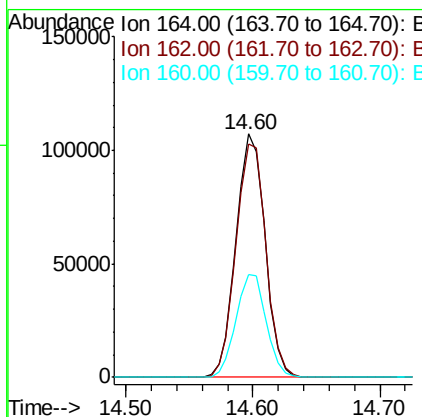
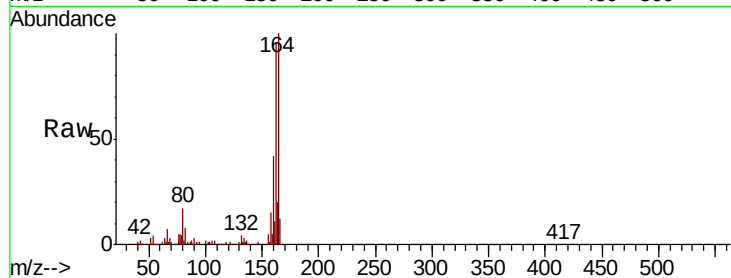
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	95.8	76.9	115.3
160	42.3	33.8	50.8

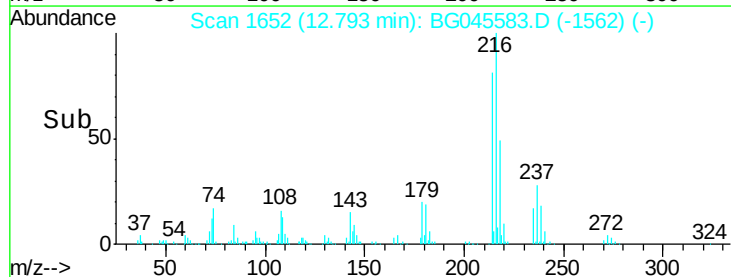
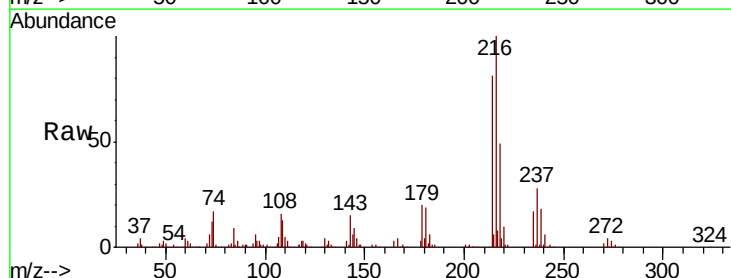
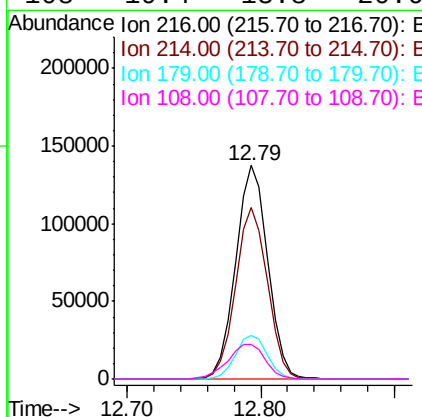
Manual Integrations
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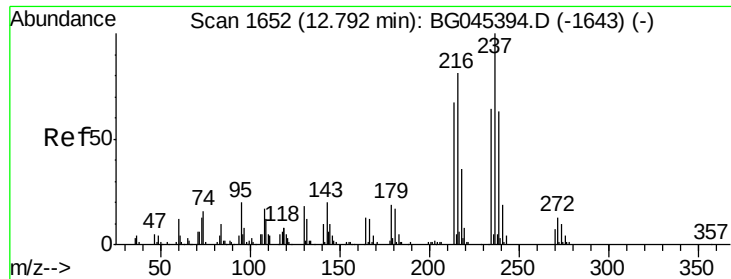
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.873 ng
RT: 12.79 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.7	95.5
179	20.1	16.1	24.1
108	19.4	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 102.157 ng

RT: 12.78 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

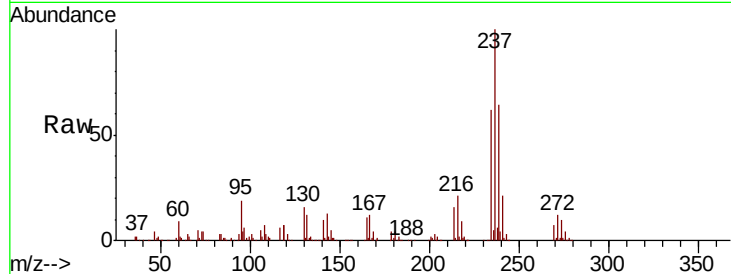
ClientSampleId :

PB129260BS

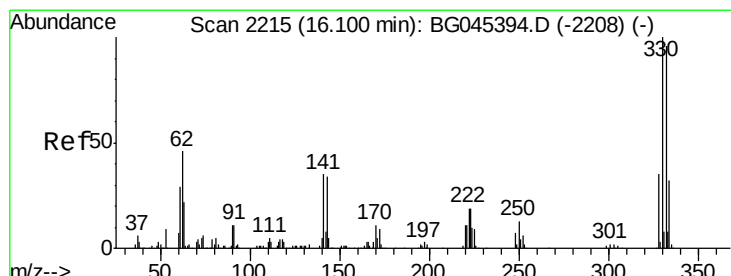
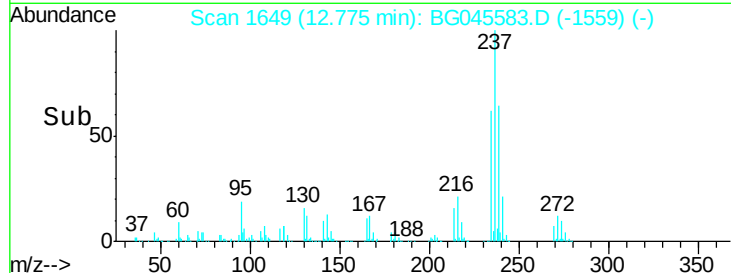
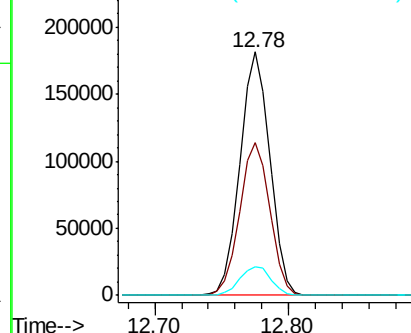
Tot Ion:	237	Resp:	281105
Ion Ratio	Lower	Upper	
237	100		
235	62.5	44.4	84.4
272	11.8	0.0	32.5

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 146.140 ng

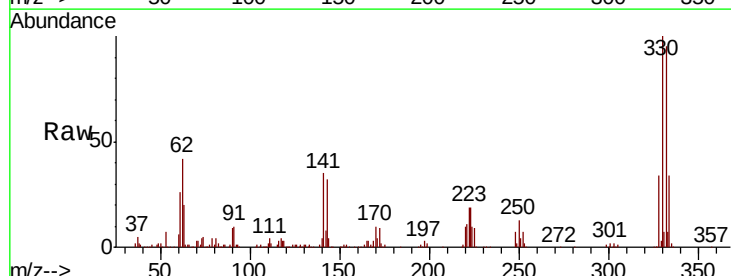
RT: 16.09 min Scan# 2214

Delta R.T. 0.00 min

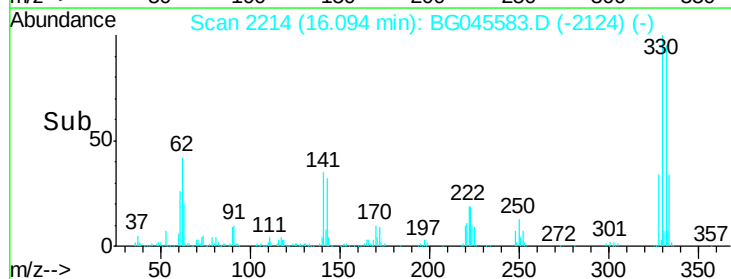
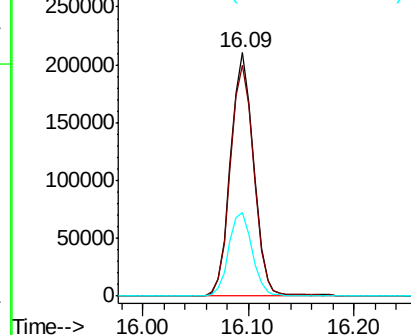
Lab File: BG045583.D

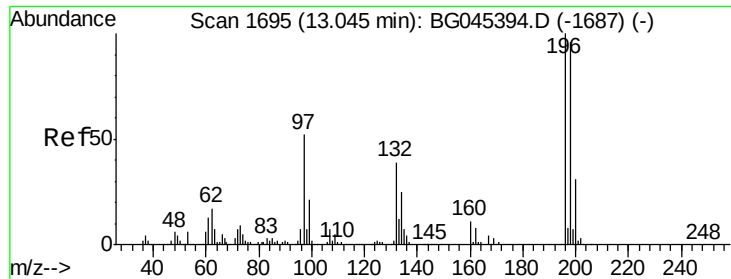
Acq: 3 Jun 2020 16:19

Tgt Ion:	330	Resp:	319000
Ion Ratio	Lower	Upper	
330	100		
332	96.9	78.2	117.4
141	35.2	28.2	42.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





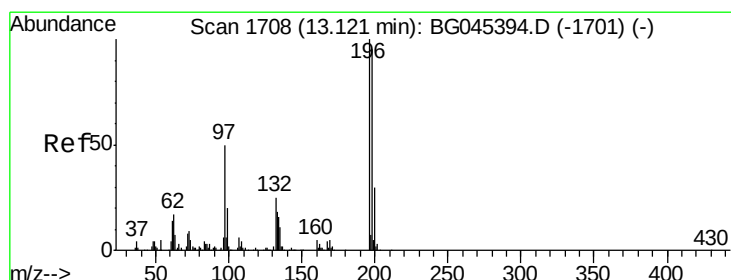
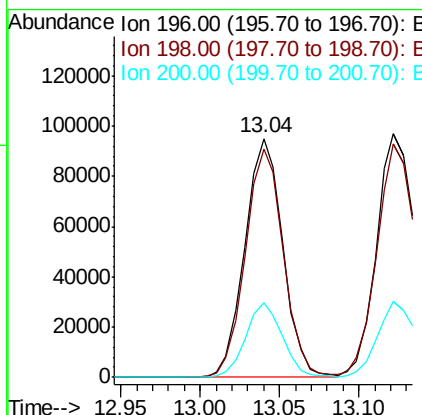
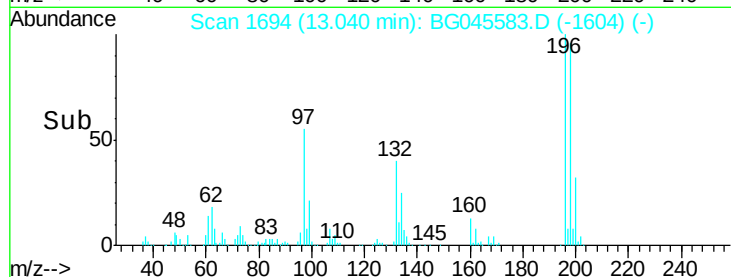
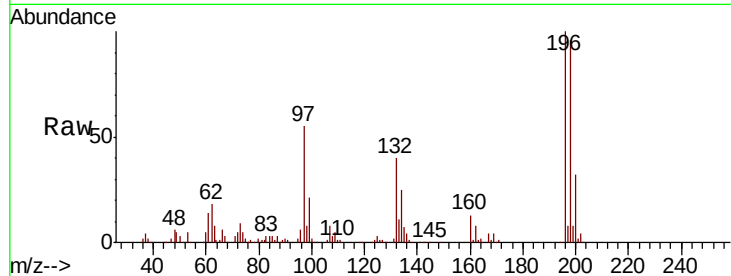
#43
 2,4,6-Trichlorophenol
 Concen: 47.782 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB129260BS

Tot Ion:	196	Resp:	158241
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.7	115.1
200	31.5	24.9	37.3

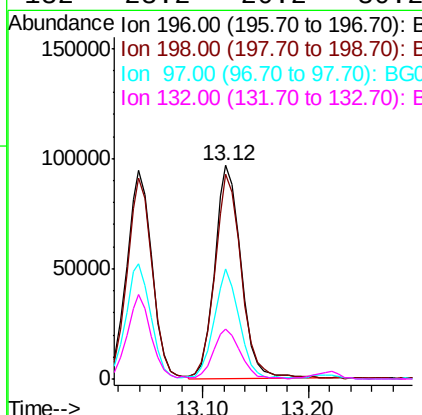
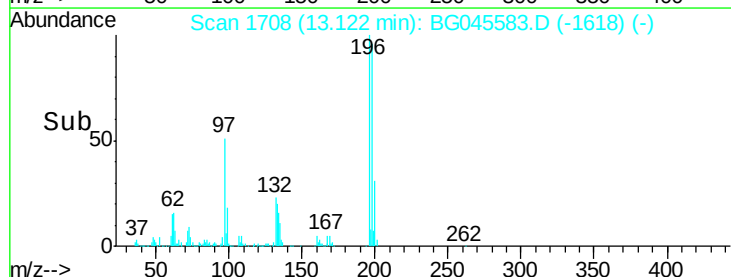
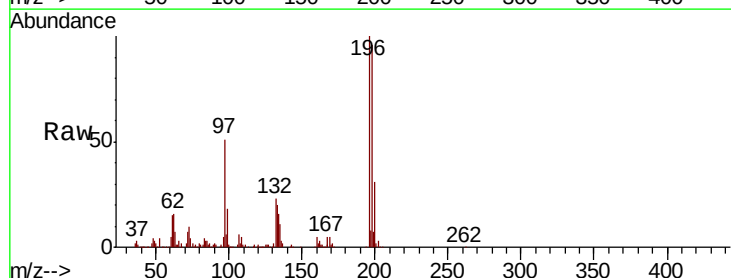
Manual Integrations
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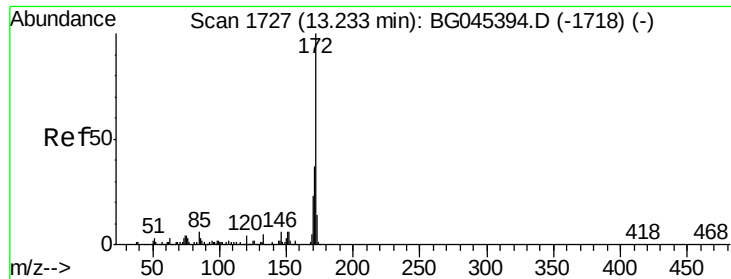
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.533 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Tgt Ion:	196	Resp:	168535
Ion Ratio	Lower	Upper	
196	100		
198	95.9	76.1	114.1
97	51.4	40.0	60.0
132	23.2	20.2	30.2





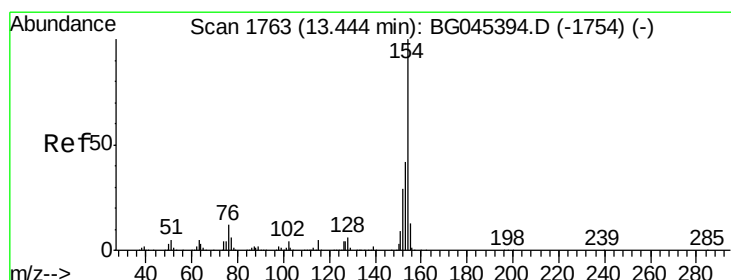
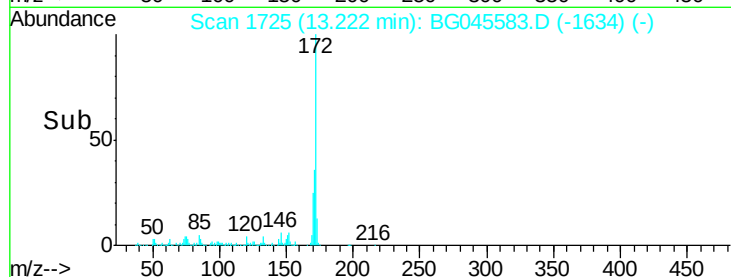
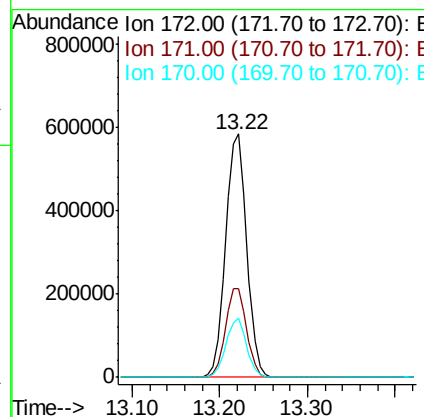
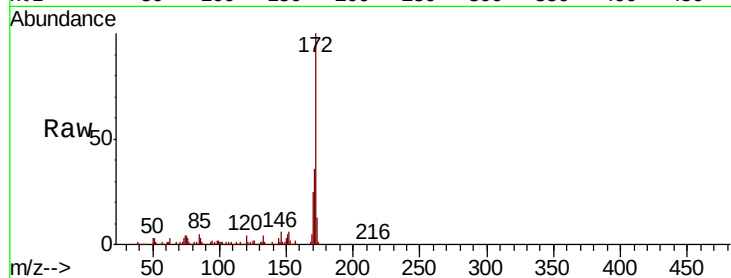
#45
2-Fluorobiphenyl
Concen: 95.817 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.5	44.3
170	24.5	18.5	27.7

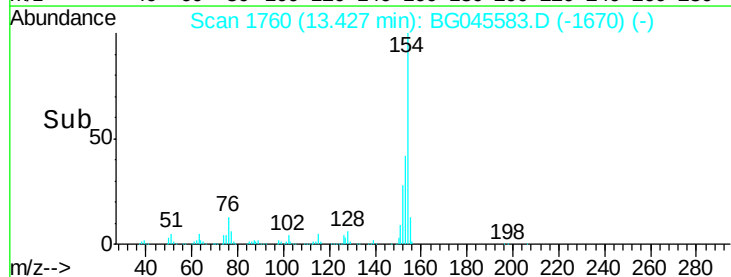
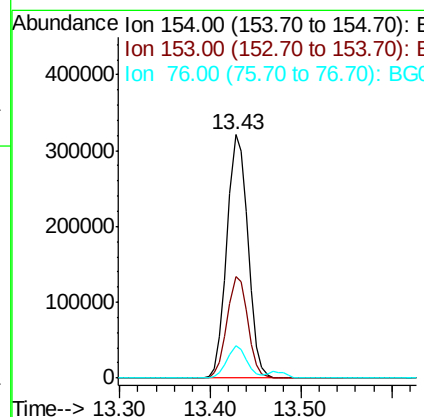
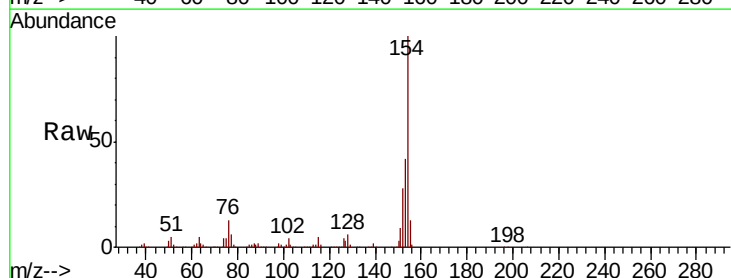
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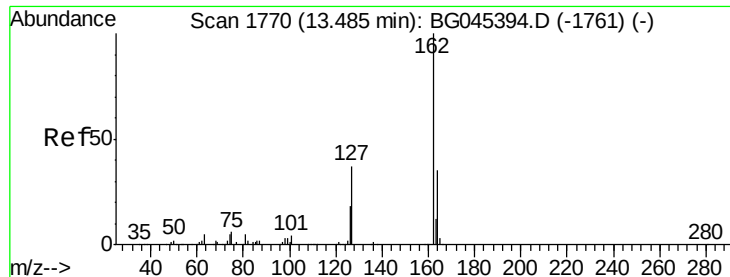
mohammad
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#46
1,1'-Biphenyl
Concen: 49.262 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.2	62.2
76	13.3	0.0	32.4





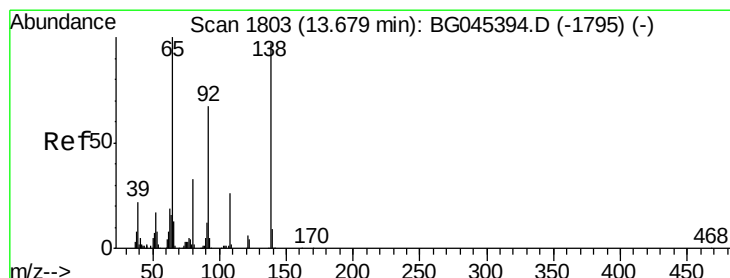
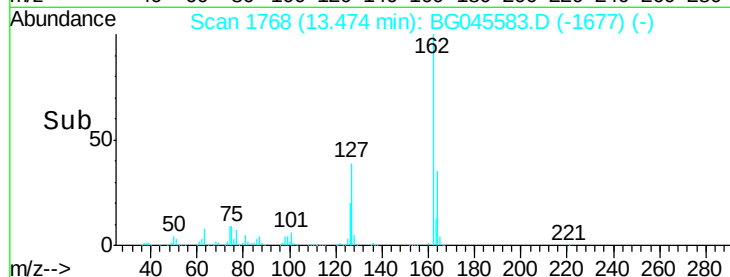
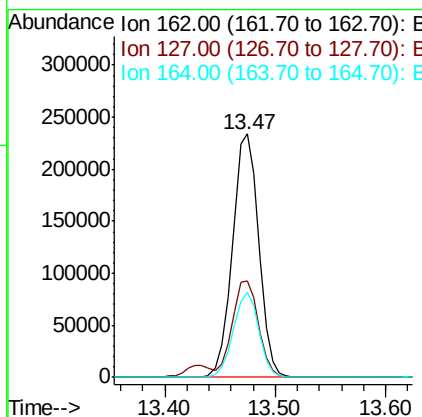
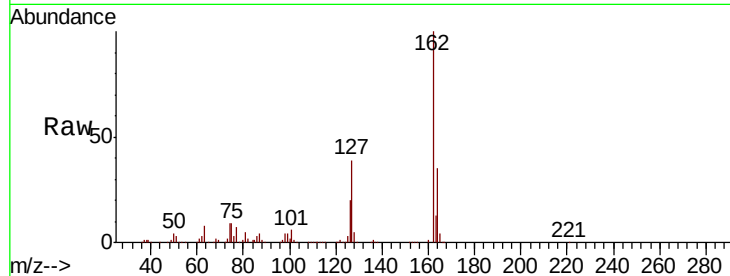
#47
2-Chloronaphthalene
Concen: 45.814 ng
RT: 13.47 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.6	47.4
164	34.7	28.1	42.1

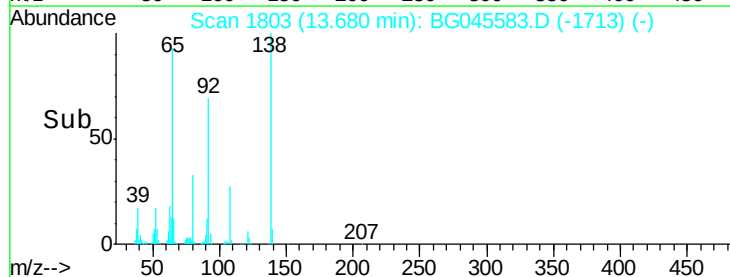
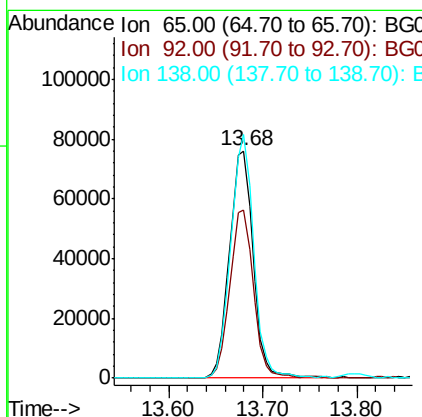
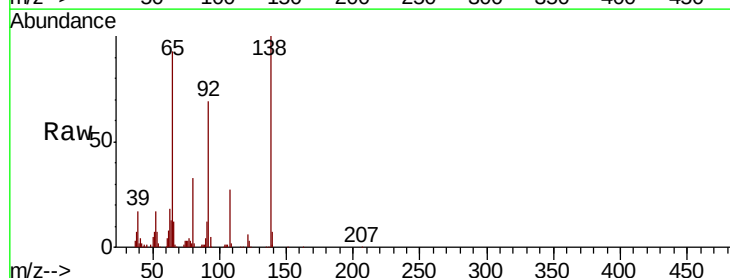
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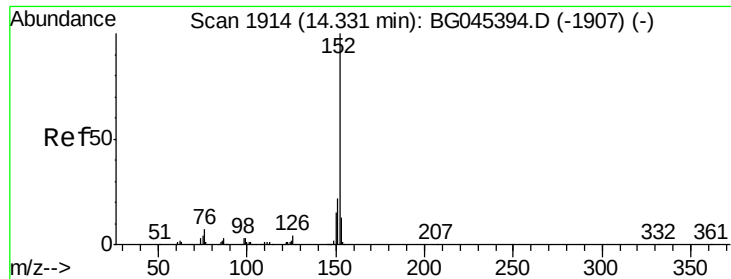
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#48
2-Nitroaniline
Concen: 47.829 ng
RT: 13.68 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	53.8	80.8
138	107.2	77.9	116.9





#49

Acenaphthylene

Concen: 48.057 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

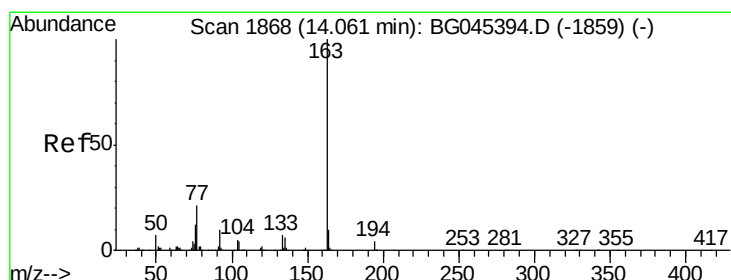
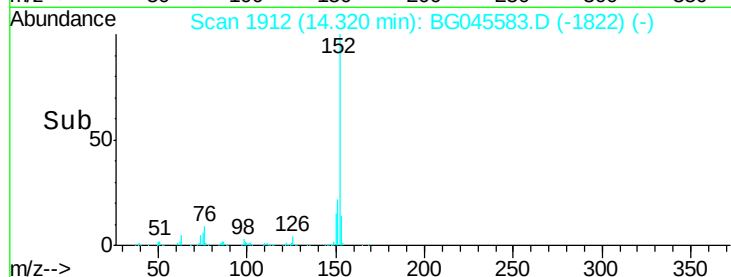
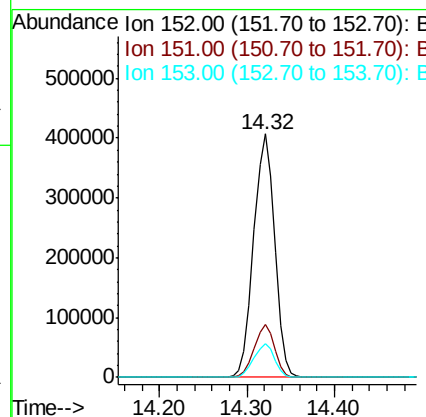
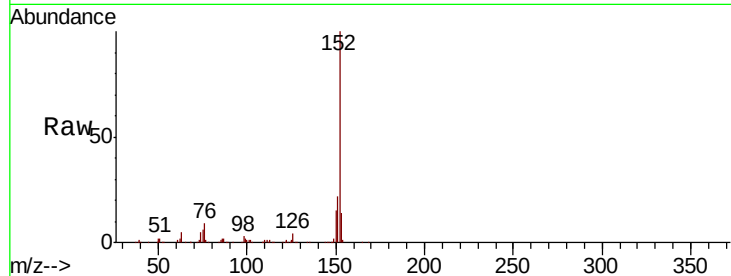
ClientSampleId :

PB129260BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.4	26.2
153	13.7	10.7	16.1

Manual Integrations
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#50

Dimethylphthalate

Concen: 46.599 ng

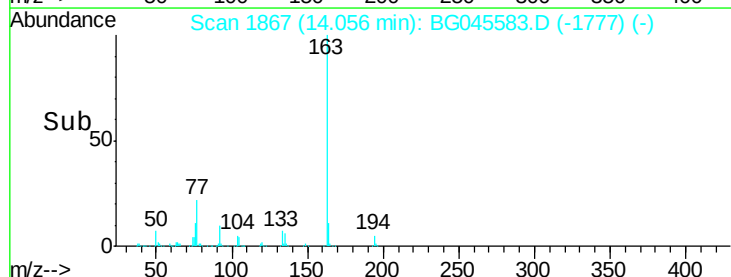
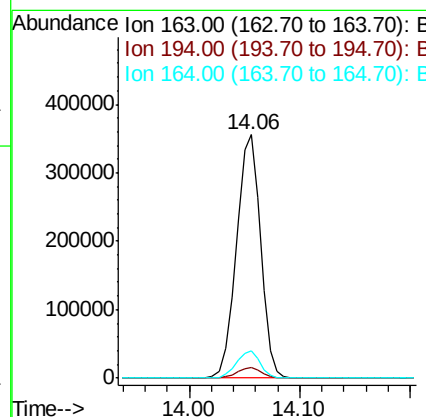
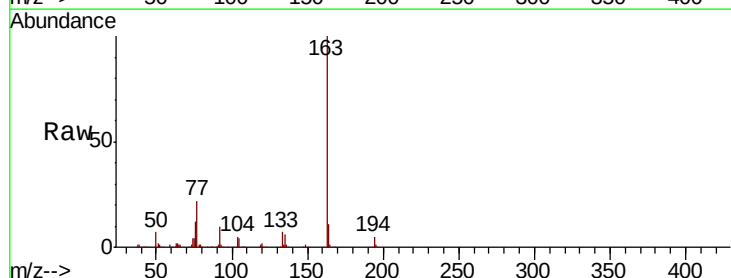
RT: 14.06 min Scan# 1867

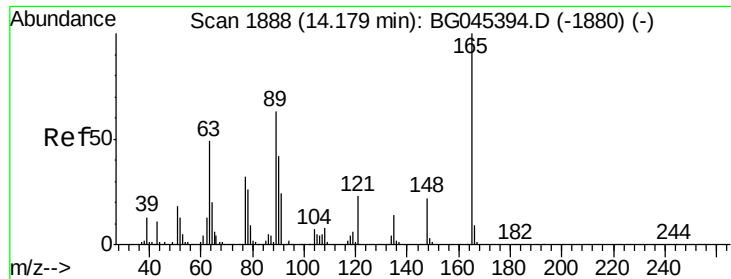
Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	11.0	8.3	12.5





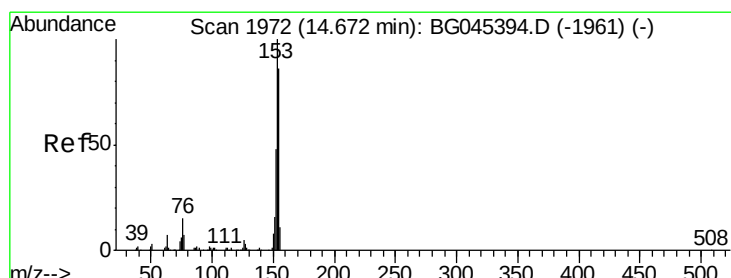
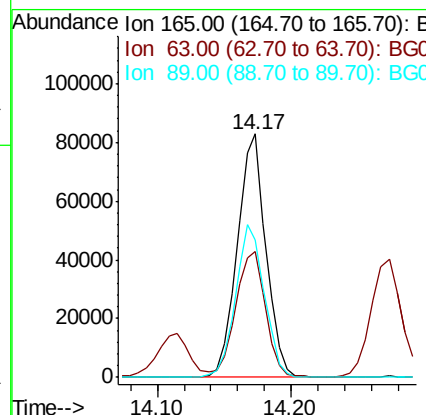
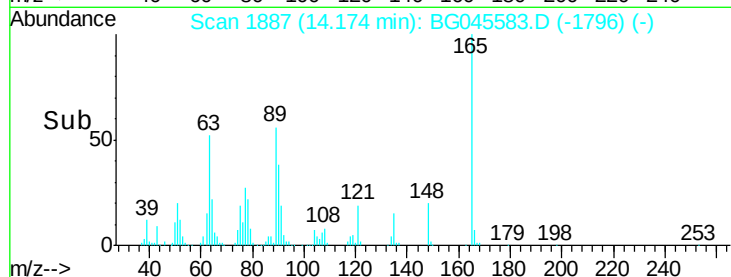
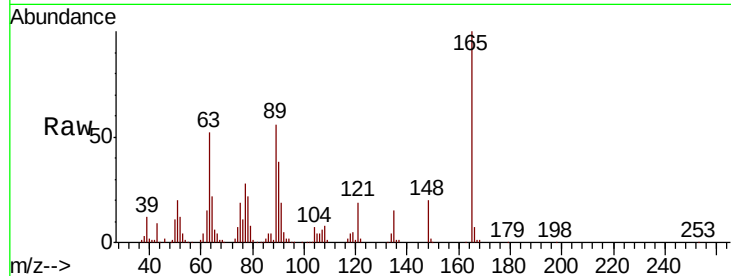
#51
 2,6-Dinitrotoluene
 Concen: 46.691 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB129260BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.7	45.0	67.4
89	56.2	50.2	75.4

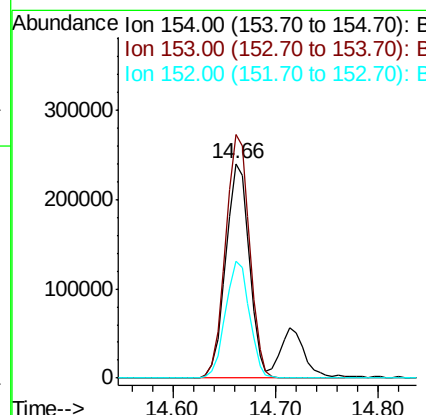
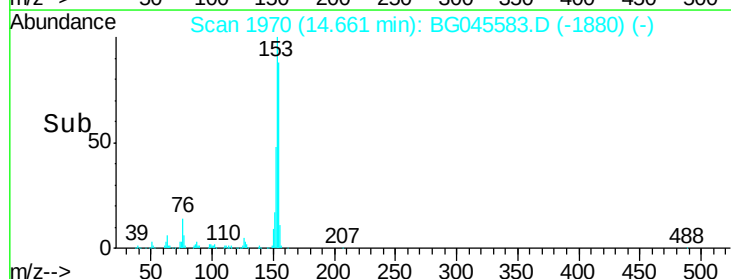
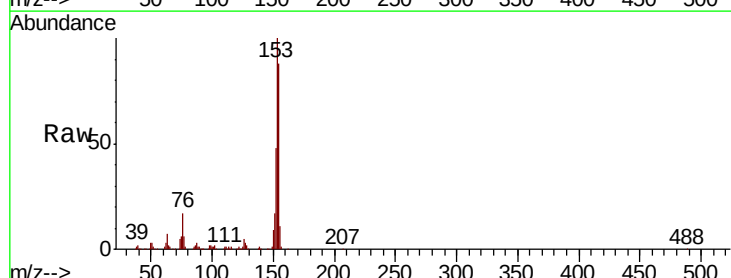
Manual Integrations
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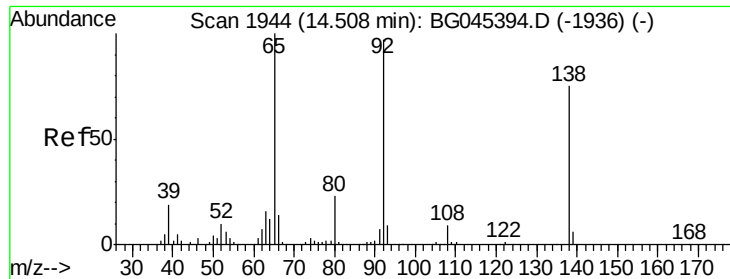
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#52
 Acenaphthene
 Concen: 51.796 ng m
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	92.8	139.2
152	54.5	44.6	66.8





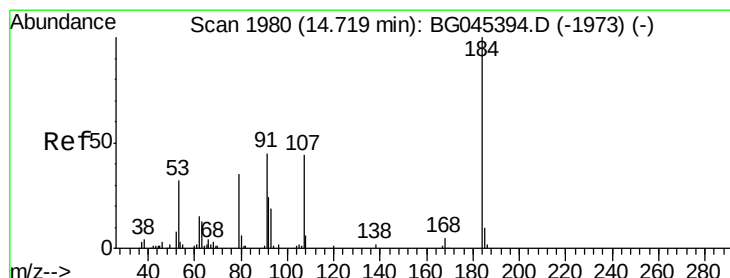
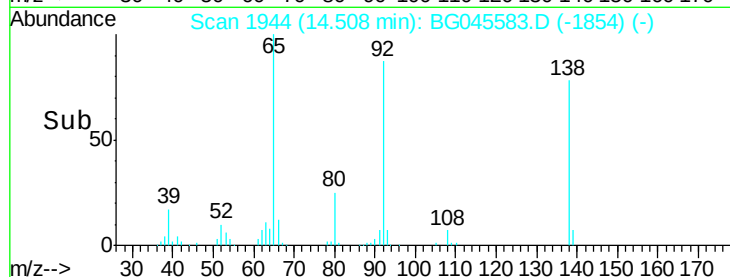
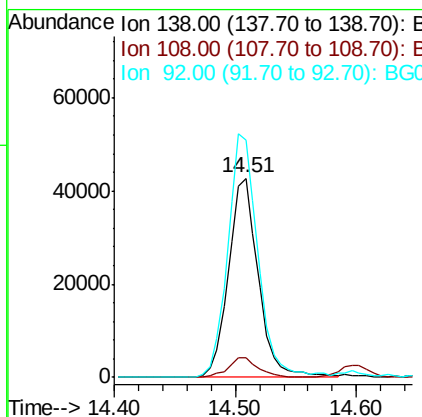
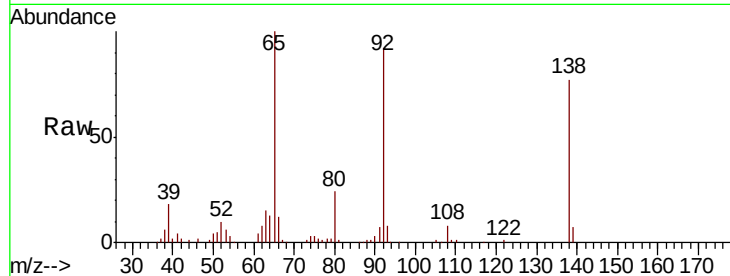
#53
3-Nitroaniline
Concen: 27.316 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.8	14.6
92	119.2	103.0	154.4

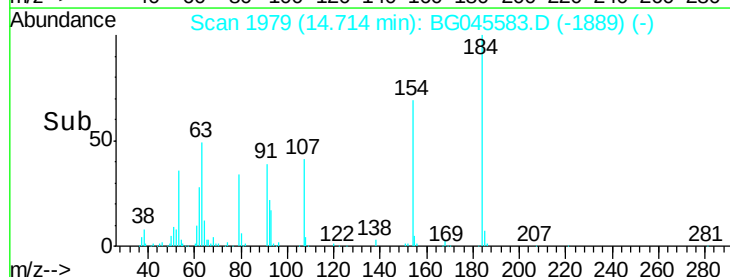
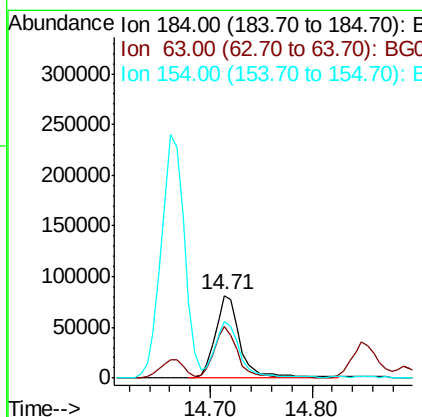
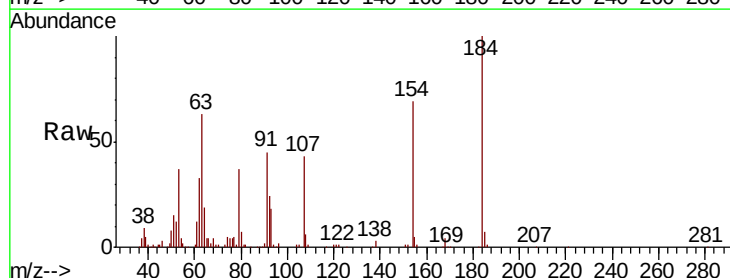
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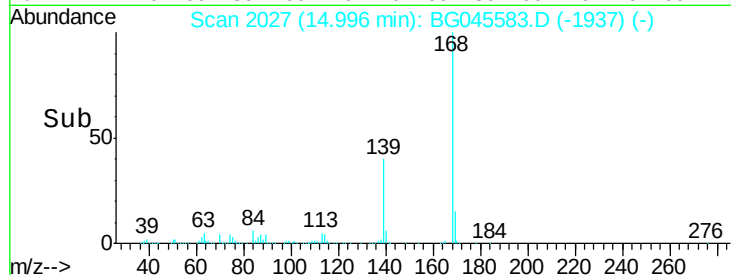
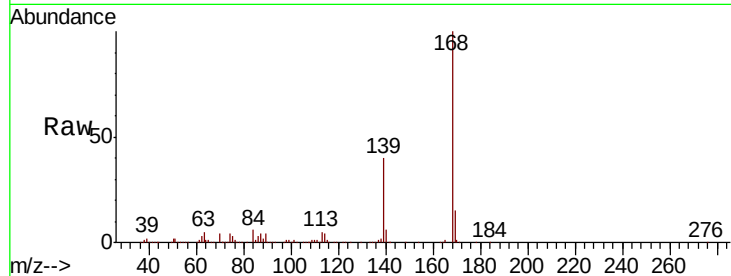
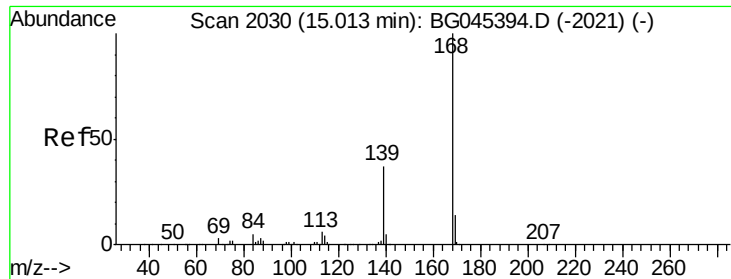
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#54
2,4-Dinitrophenol
Concen: 80.434 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.8	47.8	71.6
154	68.9	58.3	87.5





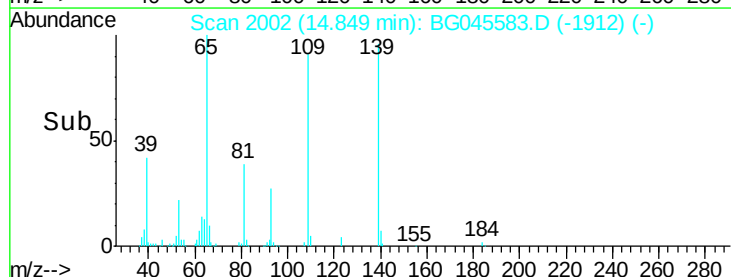
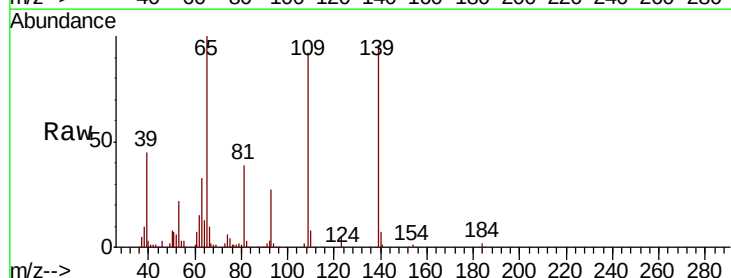
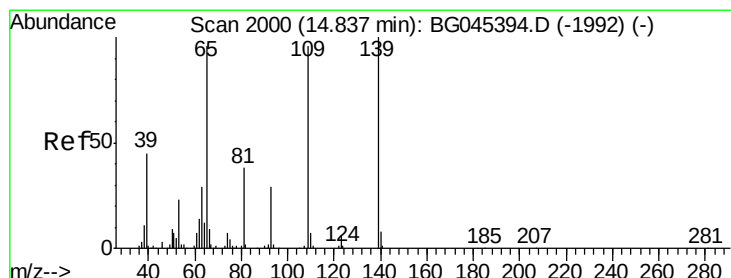
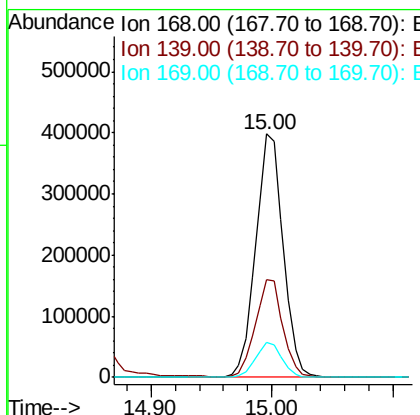
#55
Dibenzofuran
Concen: 46.247 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	29.9	44.9
169	14.5	10.9	16.3

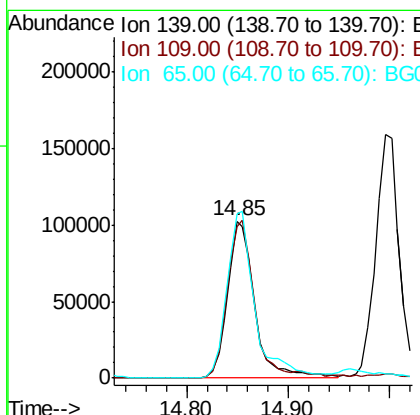
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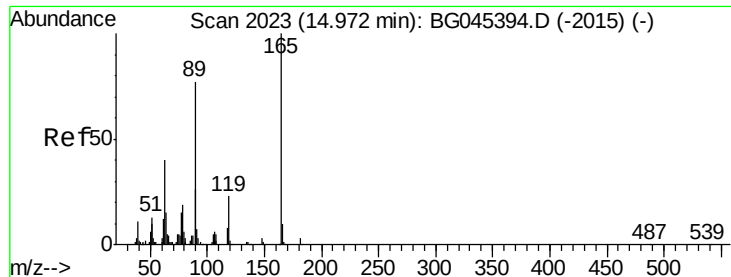
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#56
4-Nitrophenol
Concen: 93.395 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.2	75.6	115.6
65	104.4	76.8	116.8





#57

2,4-Dinitrotoluene

Concen: 47.613 ng

RT: 14.97 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

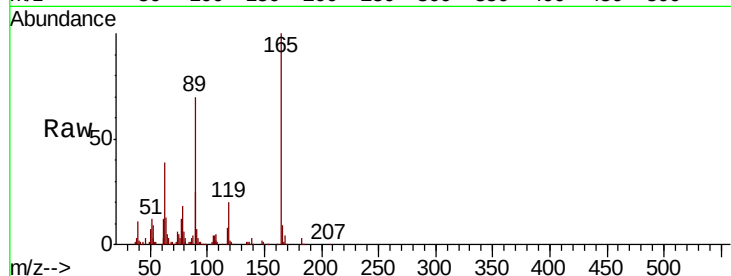
ClientSampleId :

PB129260BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.8	32.5	48.7
89	69.6	61.8	92.6
182	2.7	2.3	3.5

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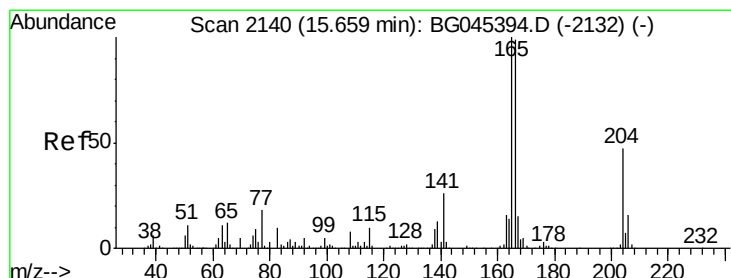
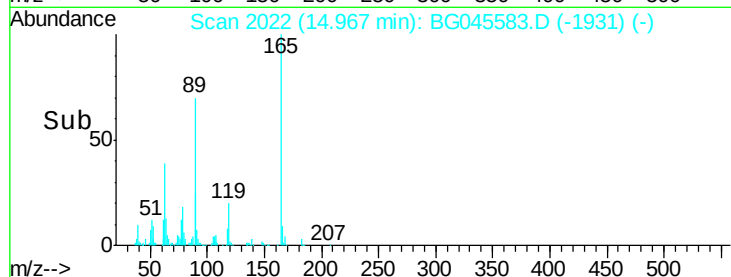
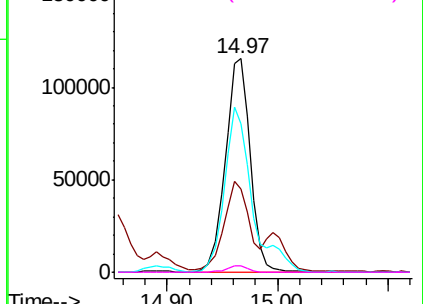


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 47.649 ng

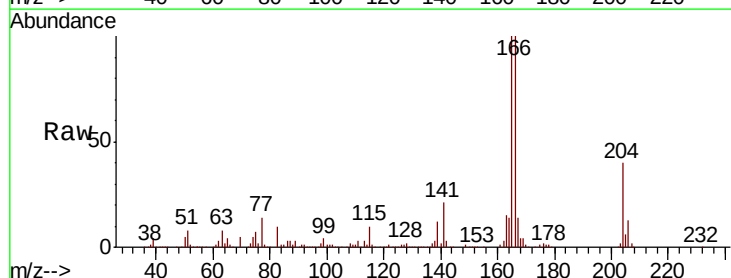
RT: 15.65 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

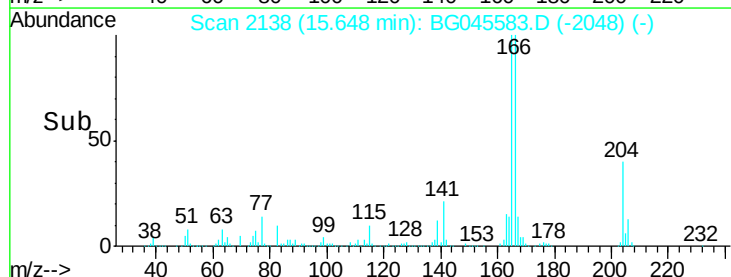
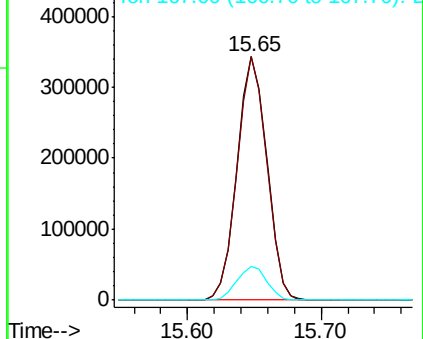
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.8	121.2
167	13.7	12.0	18.0

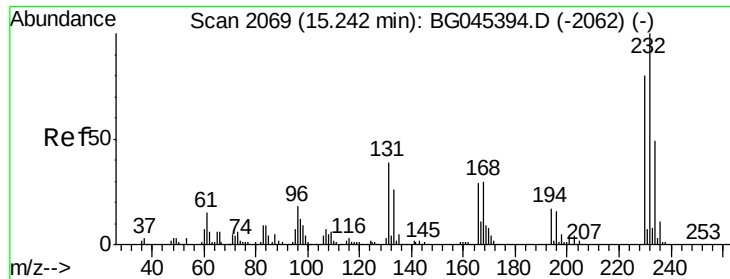


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





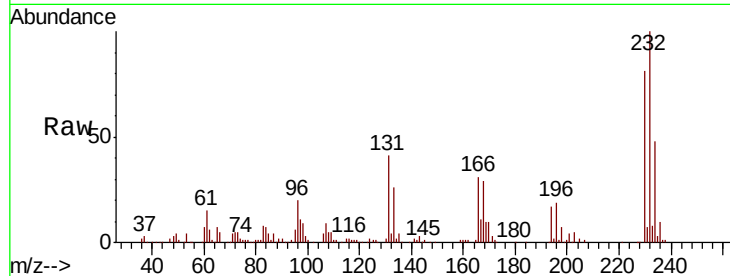
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.593 ng
RT: 15.24 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.5	33.7	50.5
130	2.4	2.1	3.1
166	29.7	23.2	34.8

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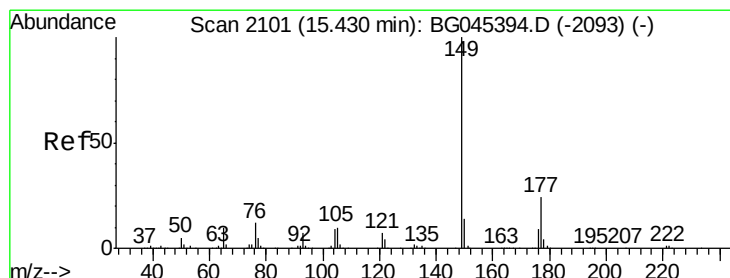
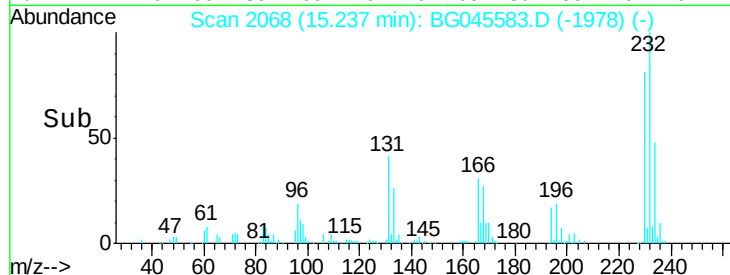
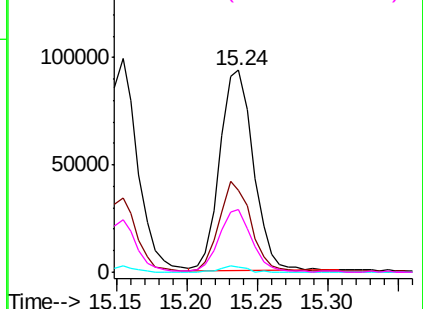
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

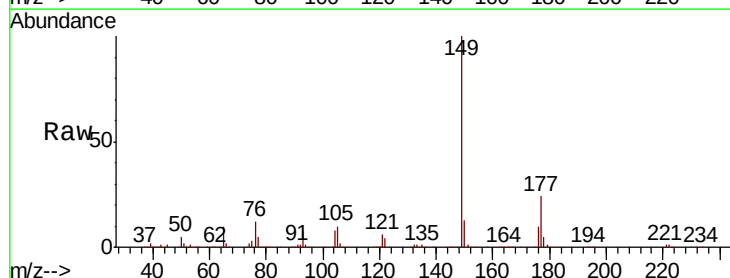
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 46.155 ng
RT: 15.42 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.0	28.4
150	13.4	11.4	17.0

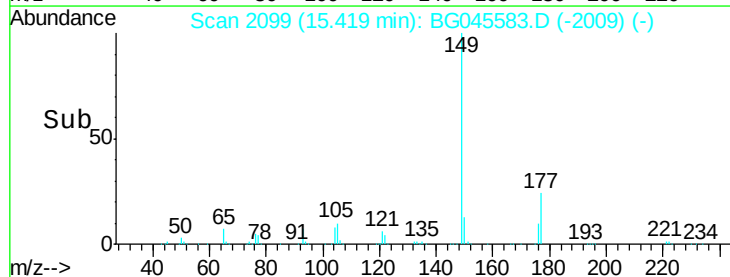
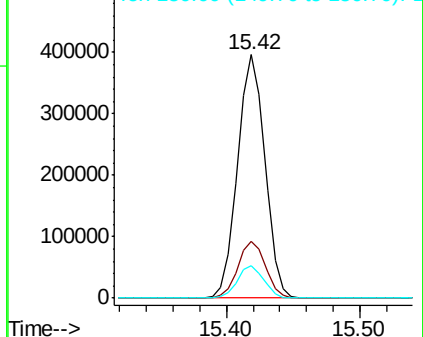


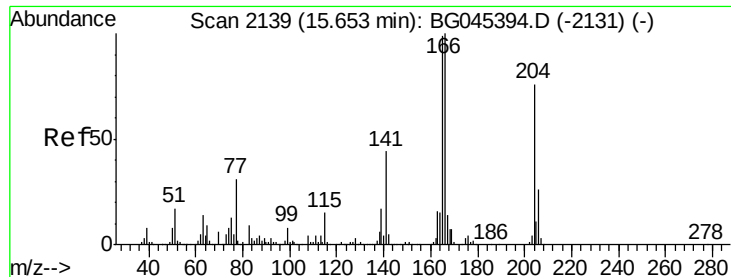
Abundance

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





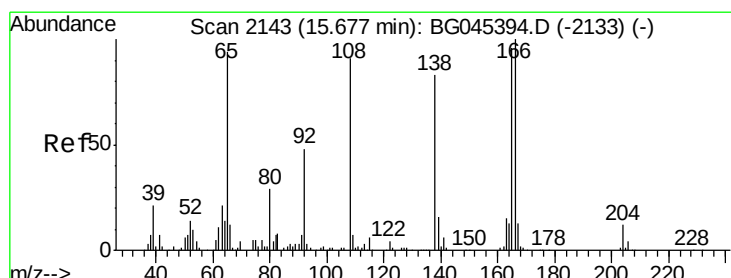
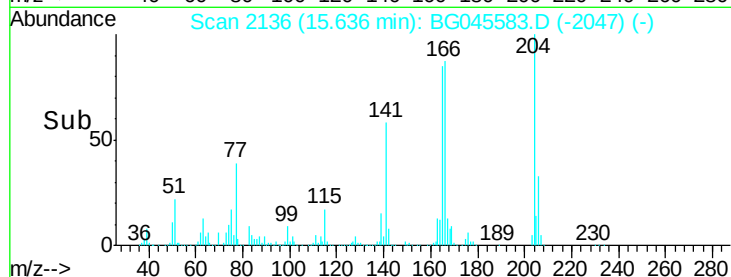
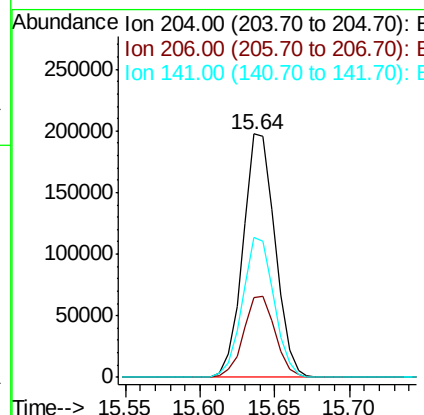
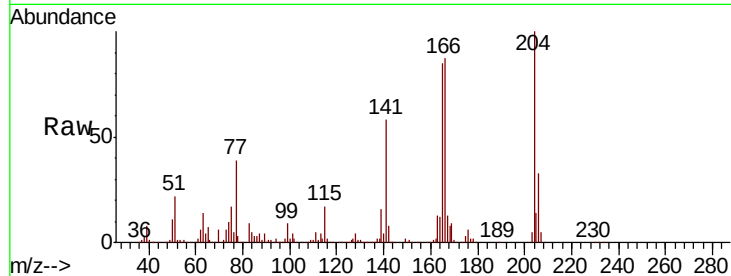
#61
4-Chlorophenyl-phenylether
Concen: 45.918 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampled :
PB129260BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	293542		
206	32.5	27.3	40.9	
141	57.6	45.9	68.9	

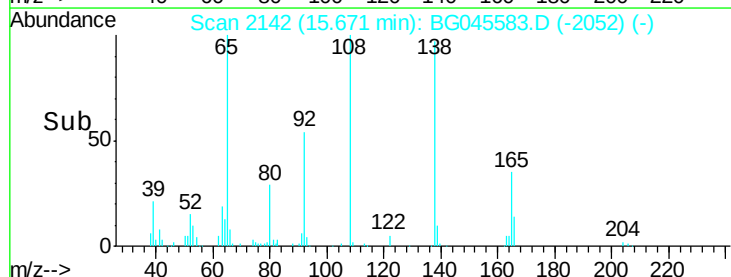
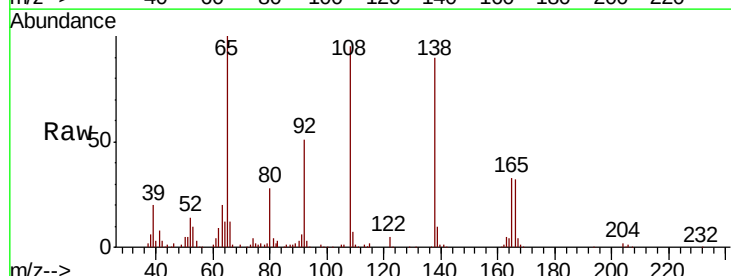
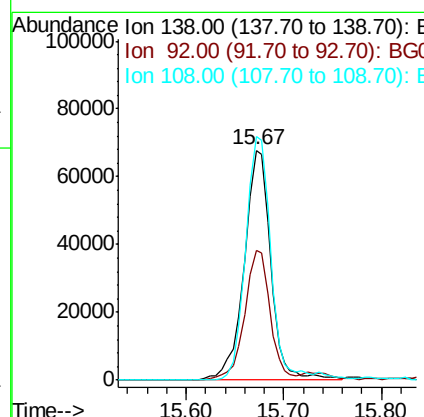
Manual Integrations
APPROVED

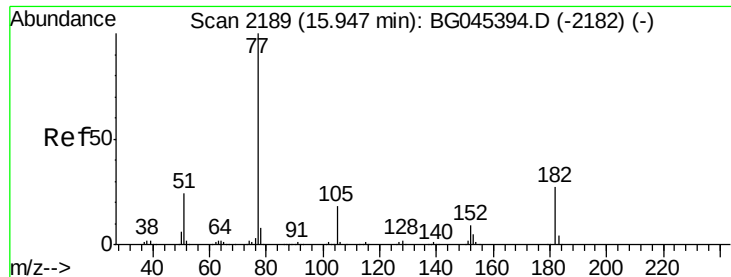
mohammad
6/4/2020 12:11:19 PM



#62
4-Nitroaniline
Concen: 45.975 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	128909		
92	56.2	38.0	78.0	
108	105.8	89.3	129.3	





#63

Azobenzene

Concen: 46.766 ng

RT: 15.94 min Scan# 2187

Delta R.T. 0.01 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

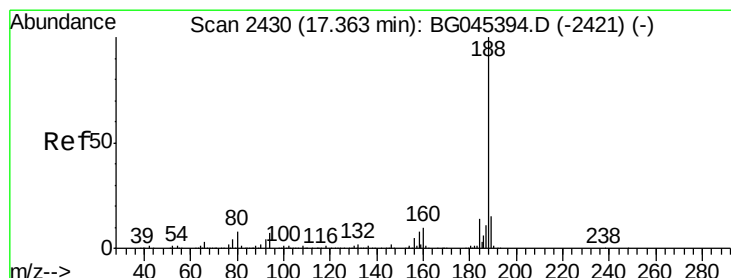
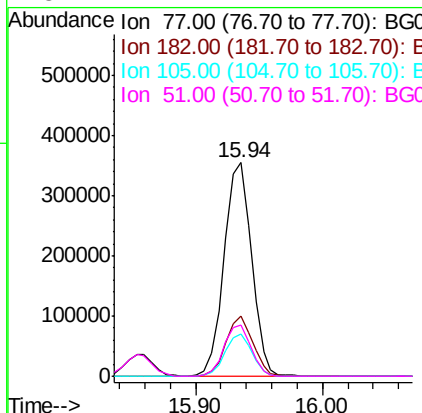
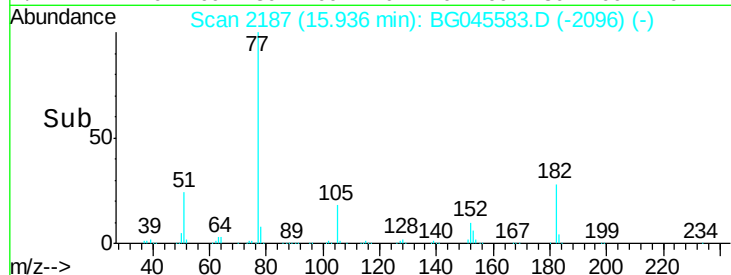
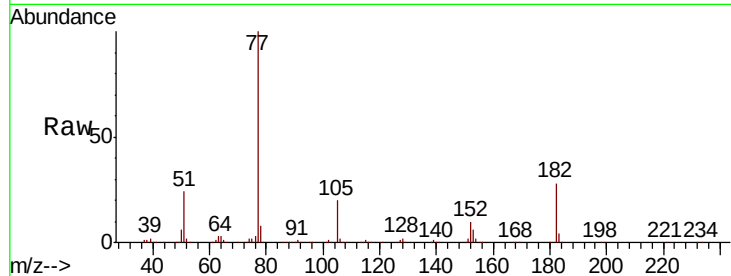
ClientSampleId :

PB129260BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.1	6.5	46.5	
105	19.9	0.0	37.9	
51	24.2	4.1	44.1	

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

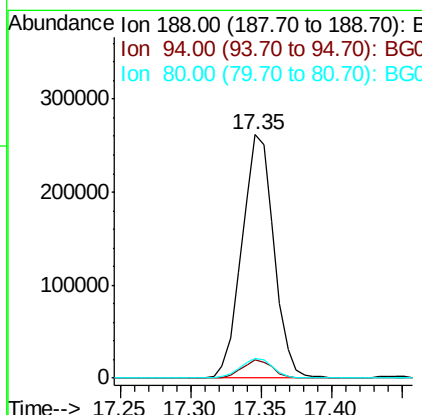
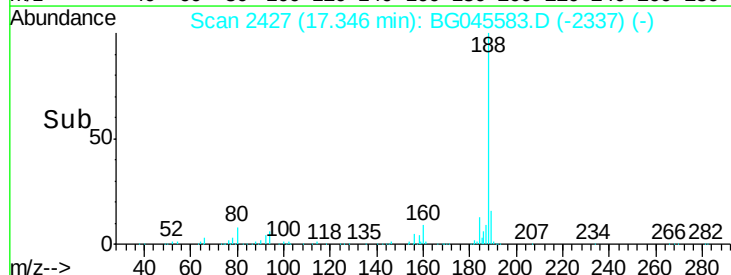
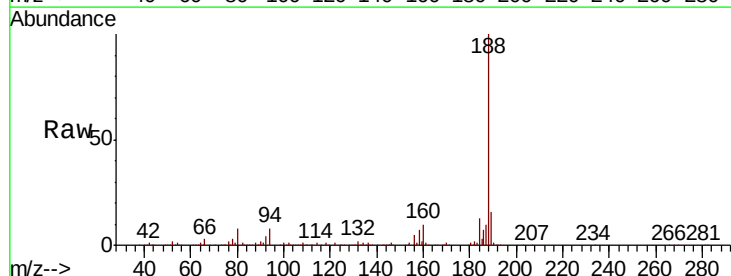
RT: 17.35 min Scan# 2427

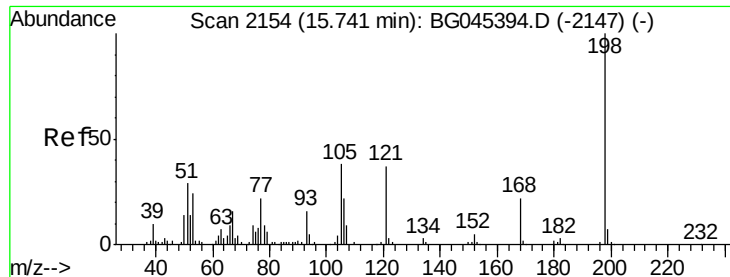
Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.6	5.5	8.3	
80	8.2	6.6	10.0	





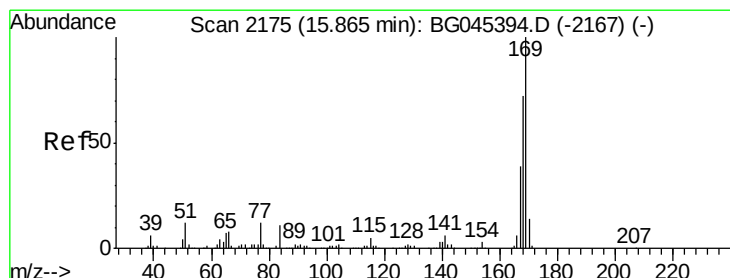
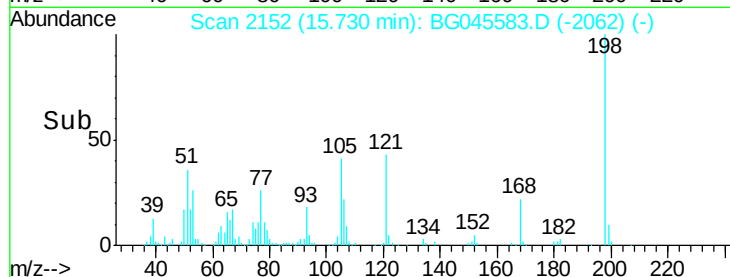
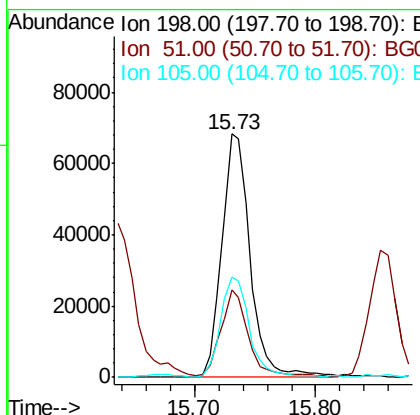
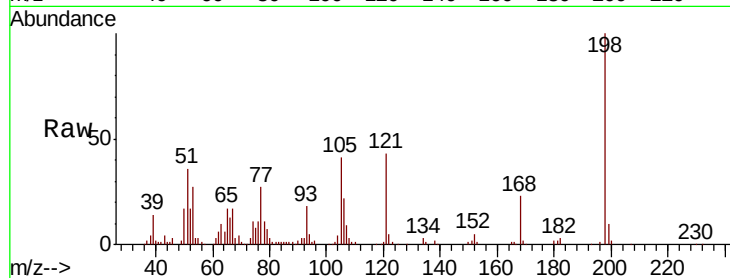
#65
4,6-Dinitro-2-methylphenol
Concen: 45.816 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	110632		
51	35.8	10.0	50.0	
105	41.2	18.9	58.9	

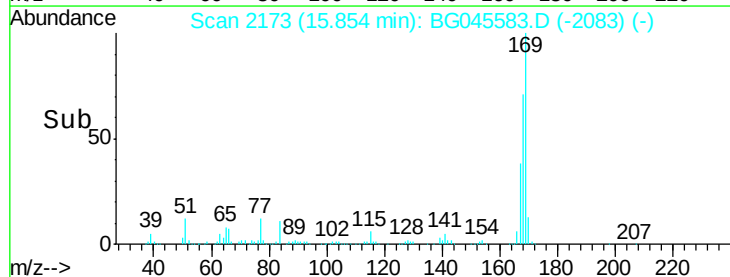
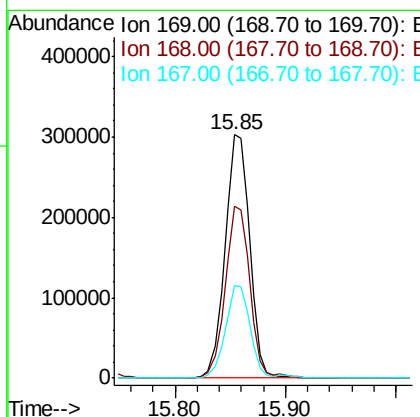
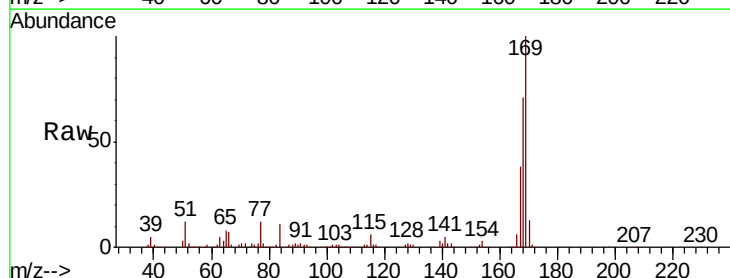
Manual Integrations
APPROVED

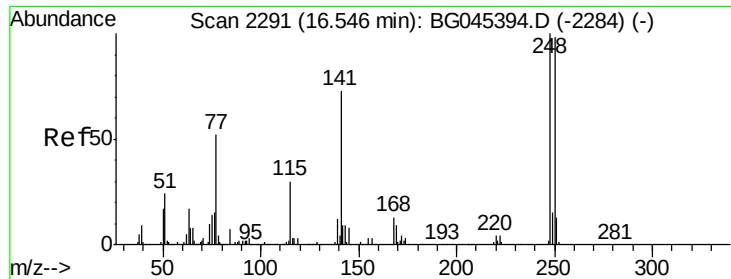
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 47.523 ng
RT: 15.85 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	473080		
168	70.8	57.8	86.6	
167	38.2	31.5	47.3	





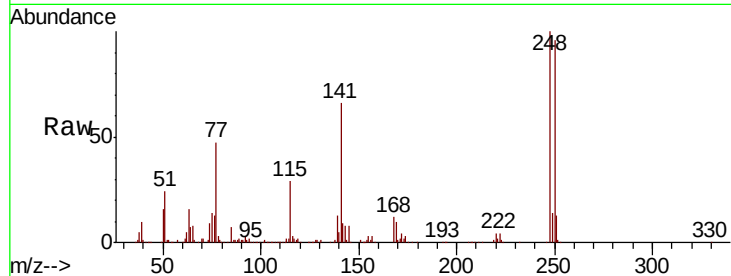
#67
4-Bromophenyl-phenylether
Concen: 46.096 ng
RT: 16.54 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.6	117.8
141	66.5	58.2	87.2

Manual Integrations
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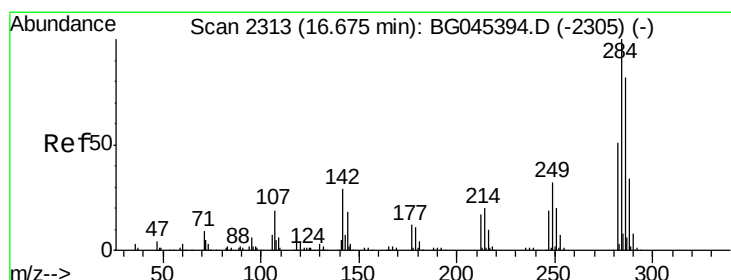
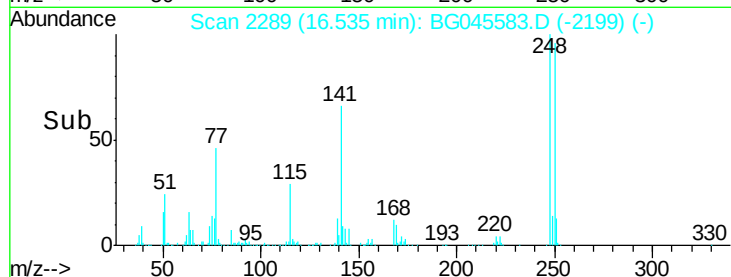
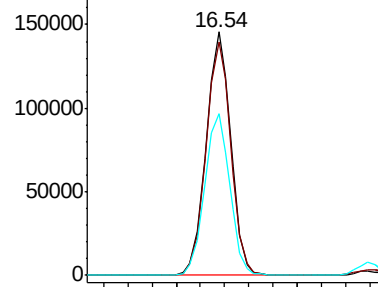


Abundance

Ion 248.00 (247.70 to 248.70): E

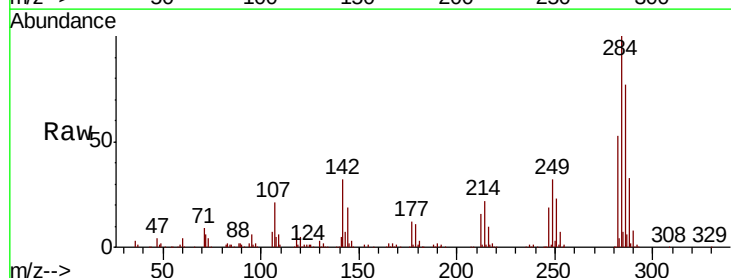
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 47.176 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	23.0	34.6
249	32.3	25.8	38.6

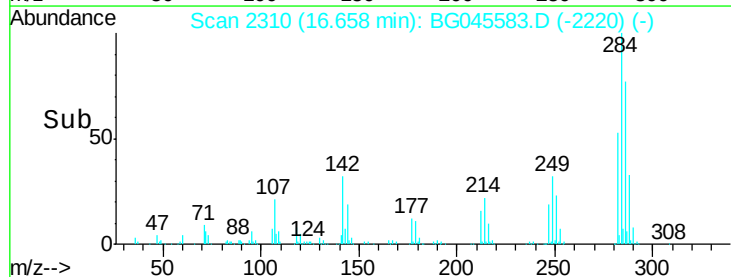
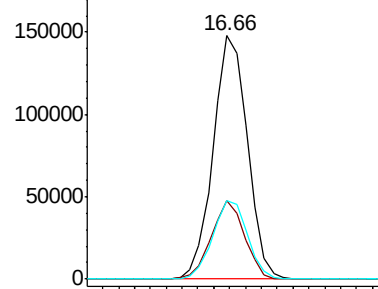


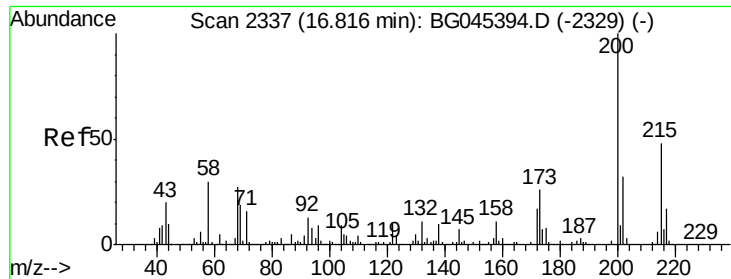
Abundance

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





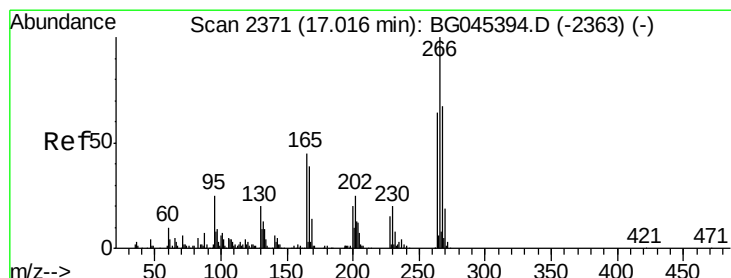
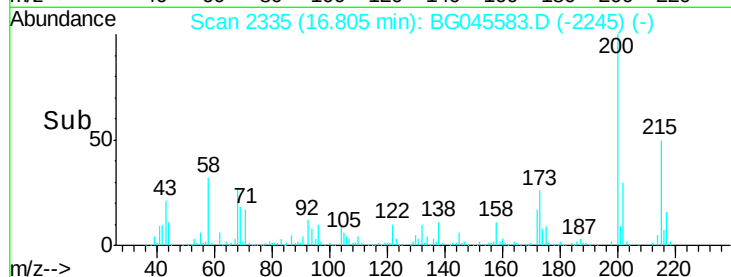
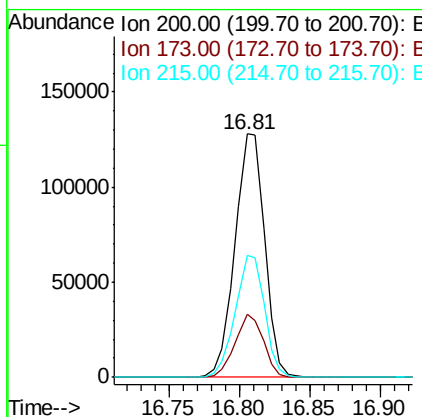
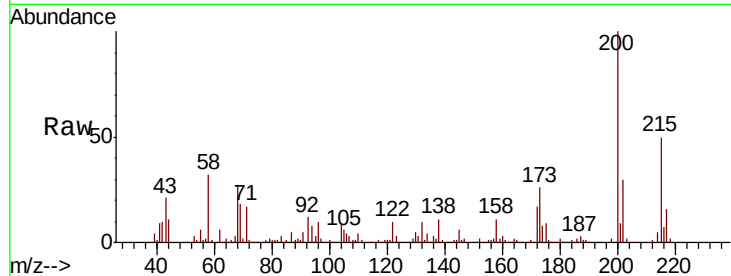
#69
Atrazine
Concen: 45.844 ng
RT: 16.81 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	5.5	45.5
215	49.9	28.2	68.2

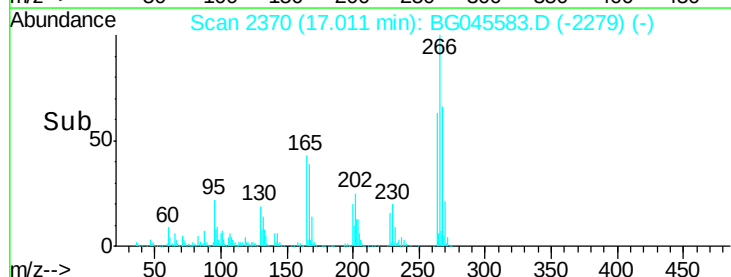
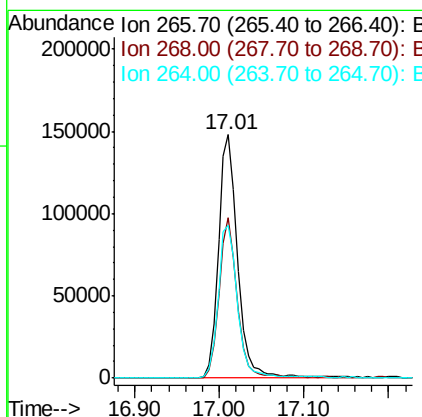
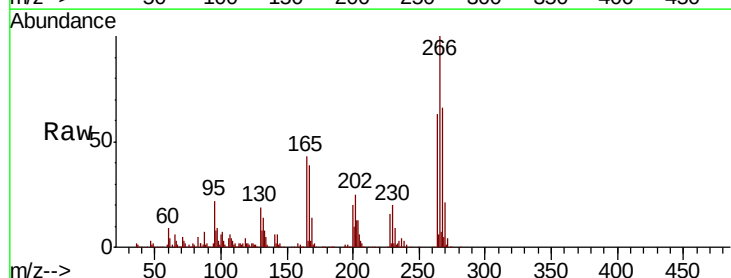
Manual Integrations
APPROVED

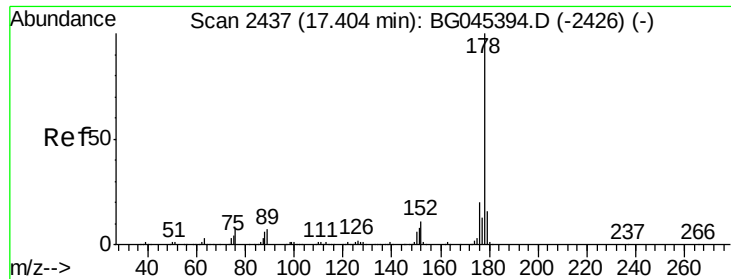
mohammad
6/4/2020 12:11:19 PM



#70
Pentachlorophenol
Concen: 96.389 ng
RT: 17.01 min Scan# 2370
Delta R.T. 0.01 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	53.2	79.8
264	62.5	51.0	76.4





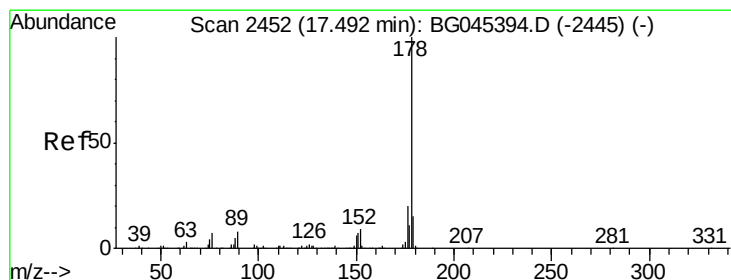
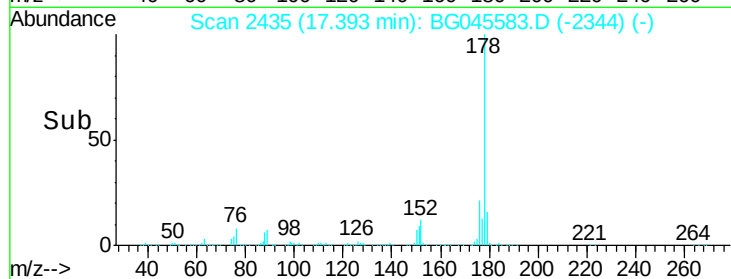
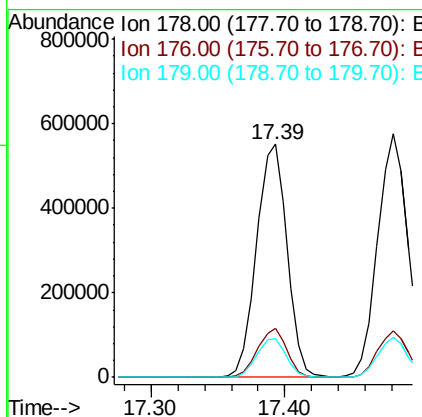
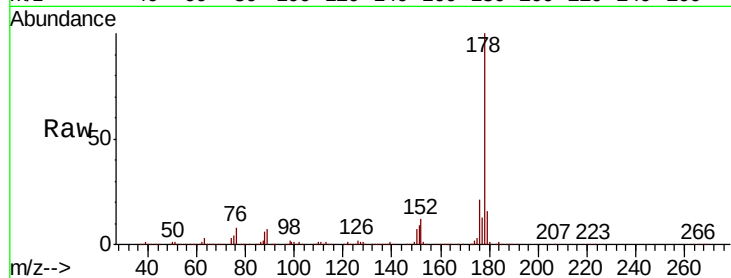
#71
Phenanthrene
Concen: 47.957 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.2	24.4
179	16.4	13.1	19.7

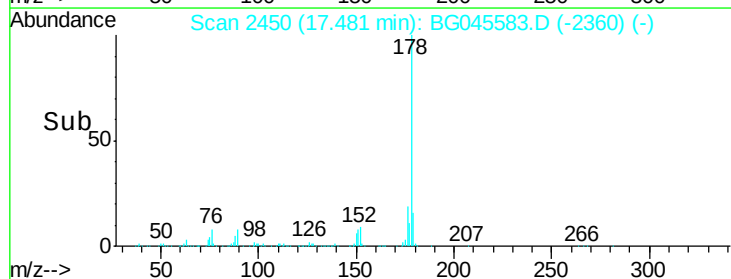
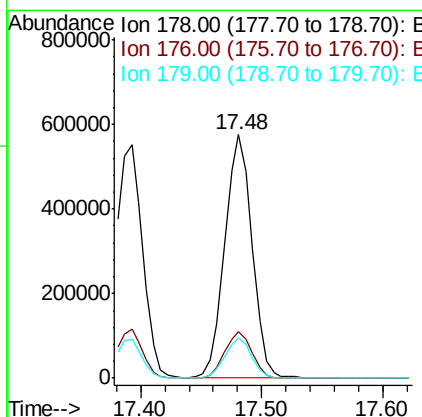
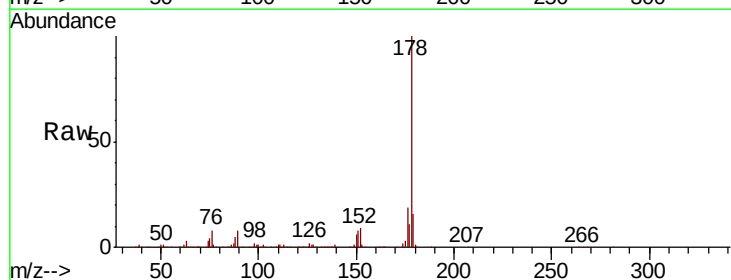
Manual Integrations
APPROVED

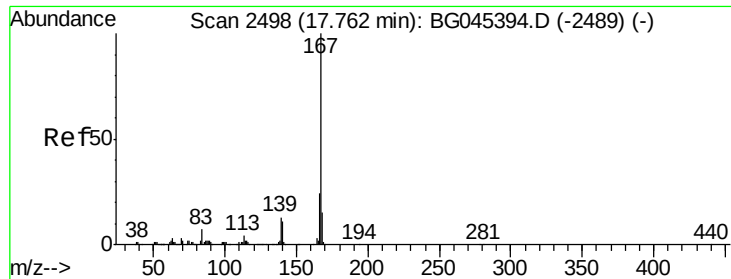
mohammad
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#72
Anthracene
Concen: 49.312 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	16.4	12.2	18.4





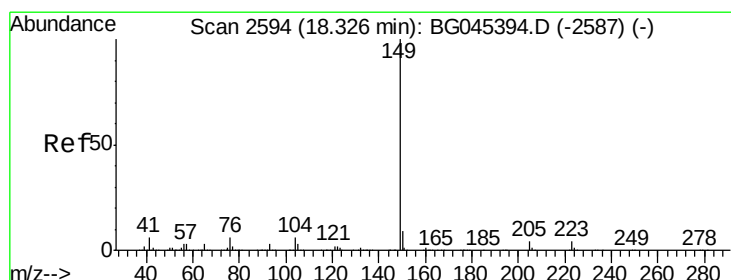
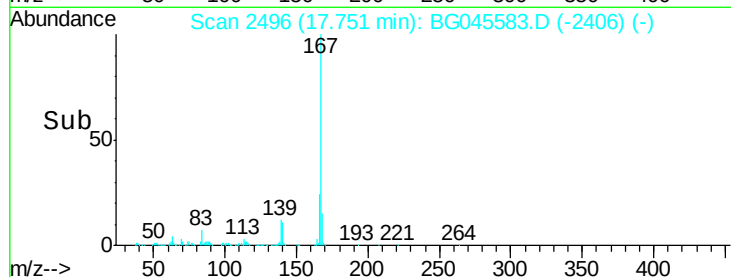
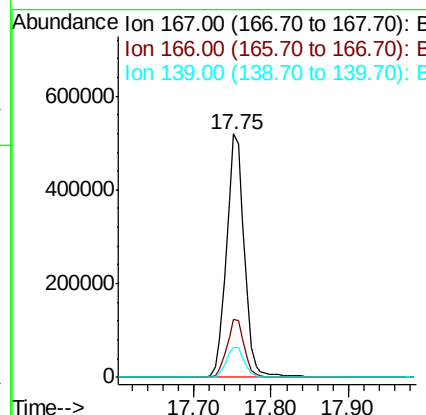
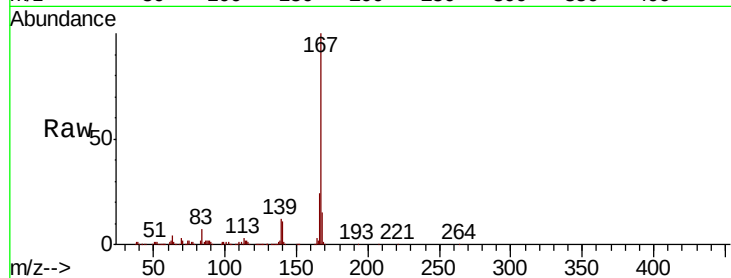
#73
 Carbazole
 Concen: 47.134 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB129260BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.2	28.8
139	12.5	10.6	16.0

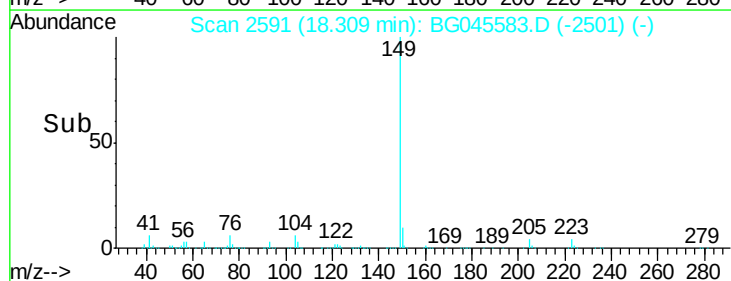
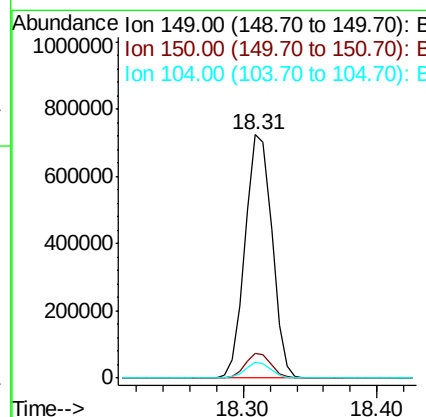
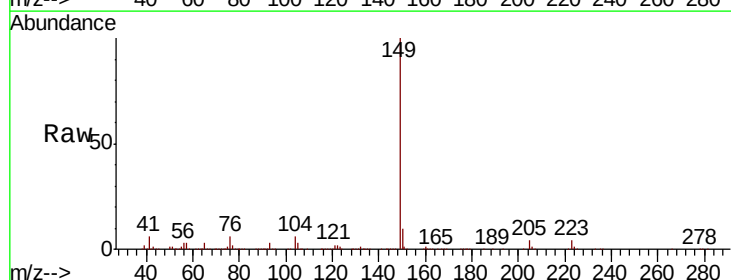
Manual Integrations
 APPROVED

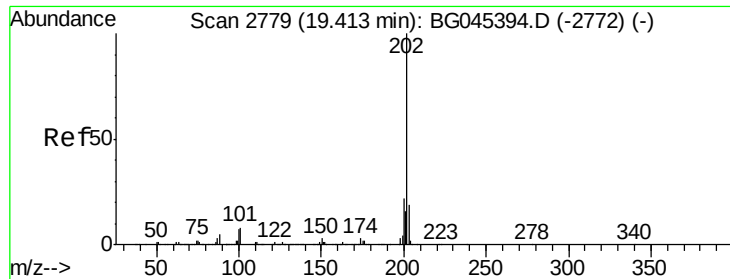
mohammad
 6/4/2020 12:11:19 PM



#74
 Di-n-butylphthalate
 Concen: 47.374 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.6	11.4
104	6.3	5.0	7.4





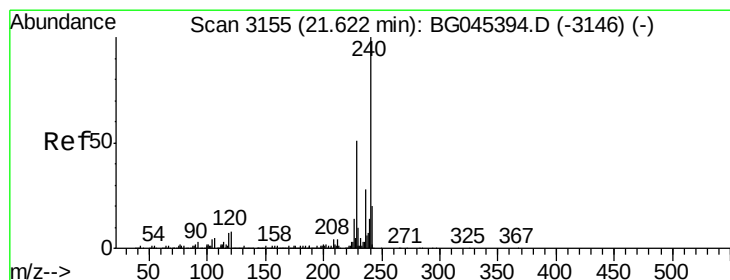
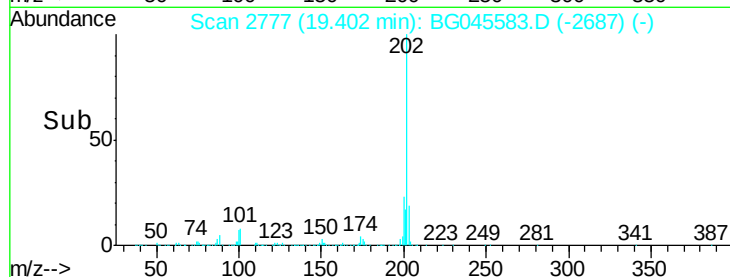
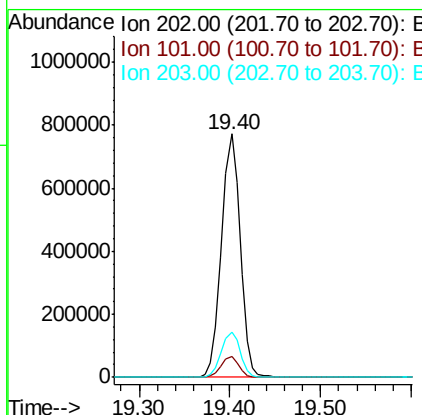
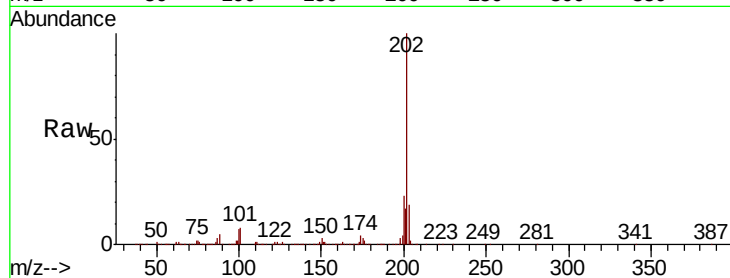
#75
Fluoranthene
Concen: 48.010 ng
RT: 19.40 min Scan# 2777
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.3
203	18.6	0.0	39.0

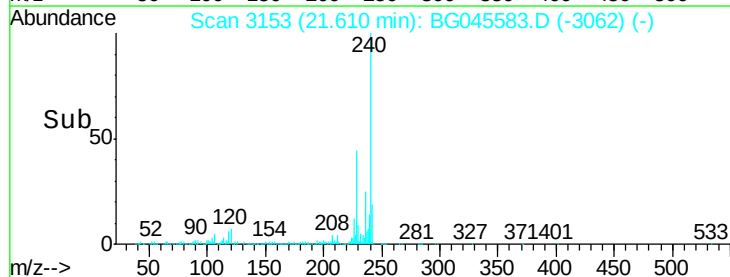
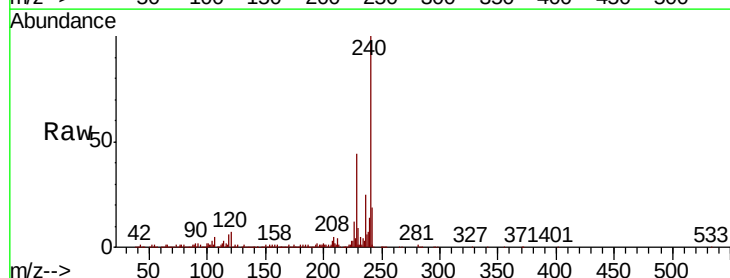
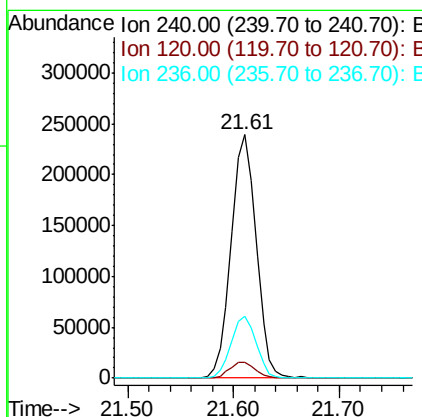
Manual Integrations
APPROVED

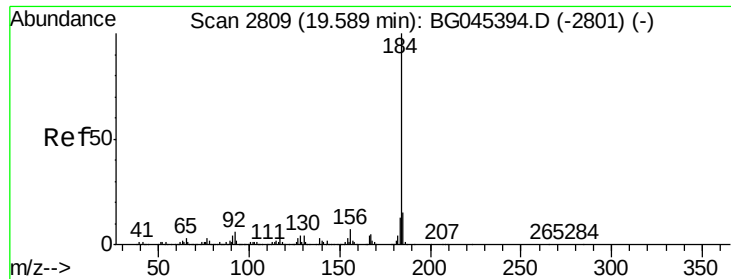
mohammad
6/4/2020 12:11:19 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3153
Delta R.T. 0.01 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.1	9.1
236	25.3	22.3	33.5





#77

Benzidine

Concen: 40.364 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

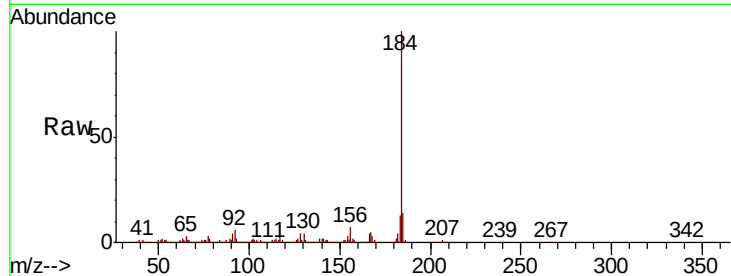
ClientSampleId :

PB129260BS

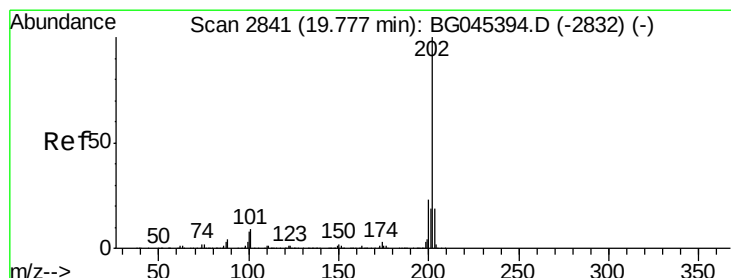
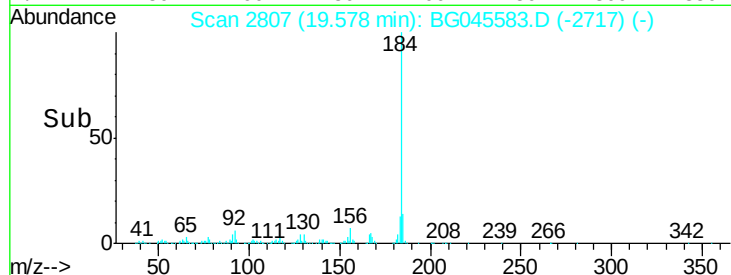
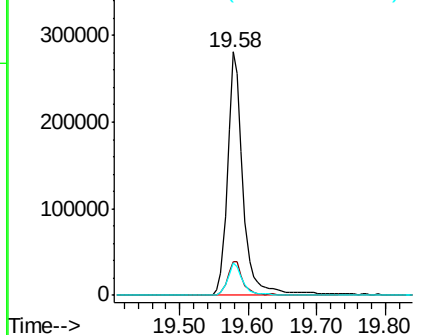
Tot Ion:	184	Resp:	446000
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.7	17.5
183	13.1	10.2	15.4

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



#78

Pyrene

Concen: 49.357 ng

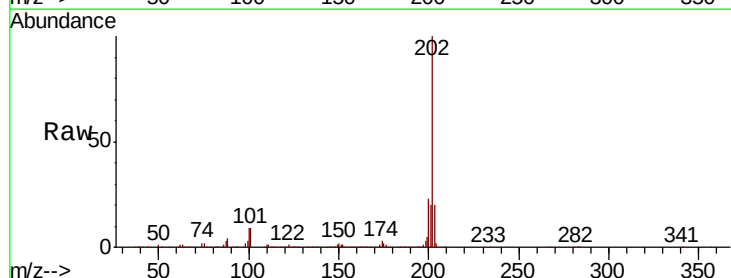
RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

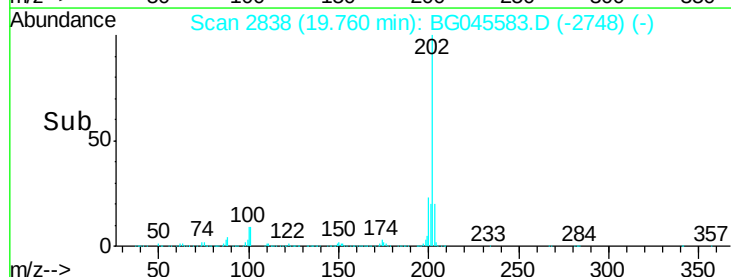
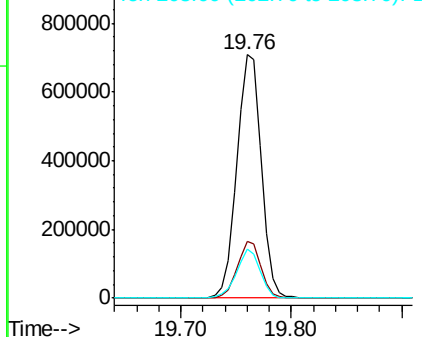
Lab File: BG045583.D

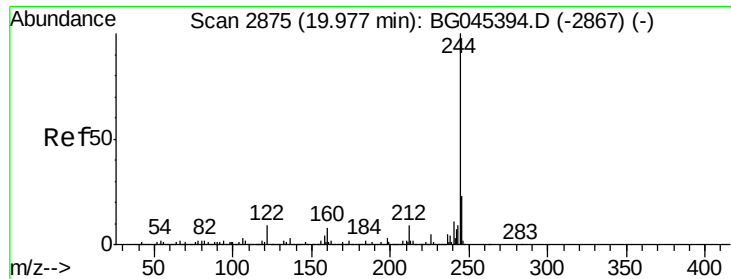
Acq: 3 Jun 2020 16:19

Tgt Ion:	202	Resp:	1106905
Ion Ratio	Lower	Upper	
202	100		
200	23.2	18.2	27.2
203	19.9	15.1	22.7



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





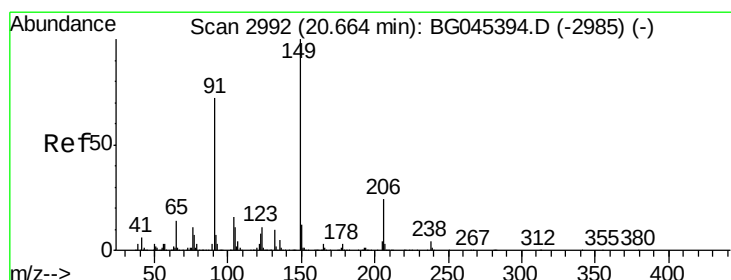
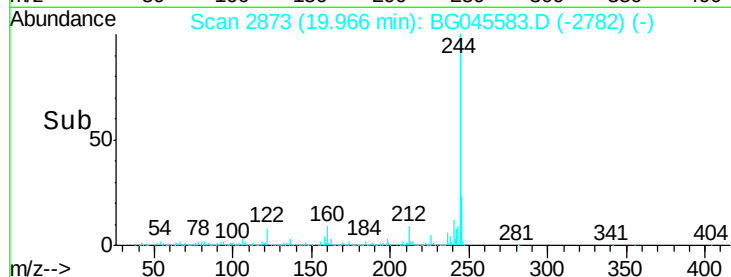
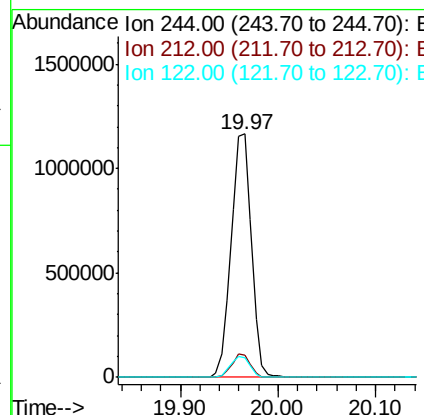
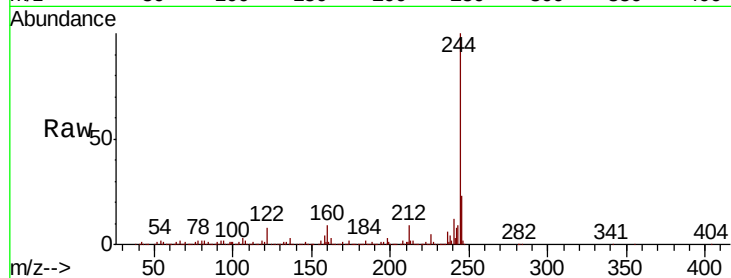
#79
 Terphenyl-d14
 Concen: 99.826 ng
 RT: 19.97 min Scan# 2873
 Delta R.T. 0.01 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB129260BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.4	11.0
122	8.3	6.8	10.2

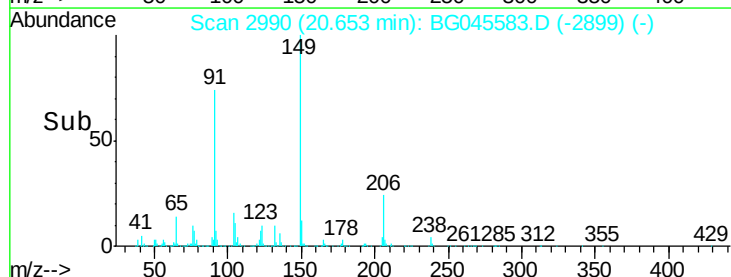
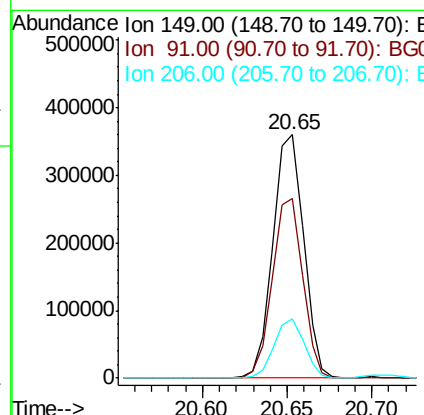
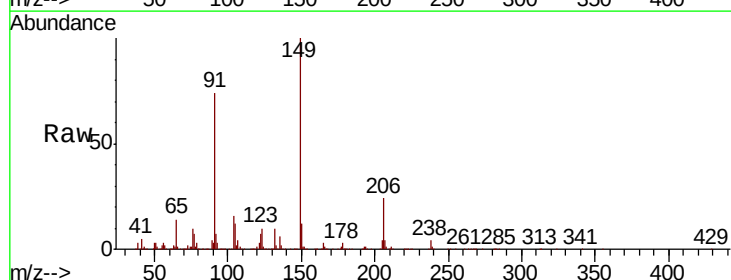
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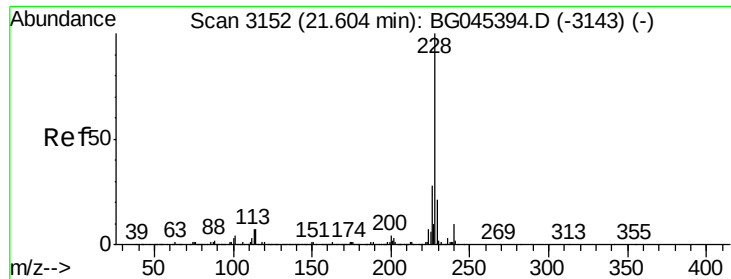
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#80
 Butylbenzylphthalate
 Concen: 46.709 ng
 RT: 20.65 min Scan# 2990
 Delta R.T. 0.01 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.6	57.8	86.6
206	24.2	19.1	28.7





#81

Benzo(a)anthracene

Concen: 48.024 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

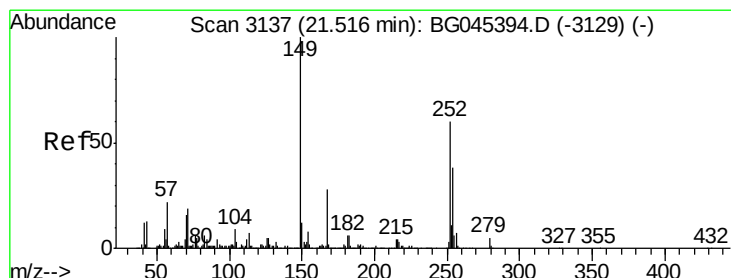
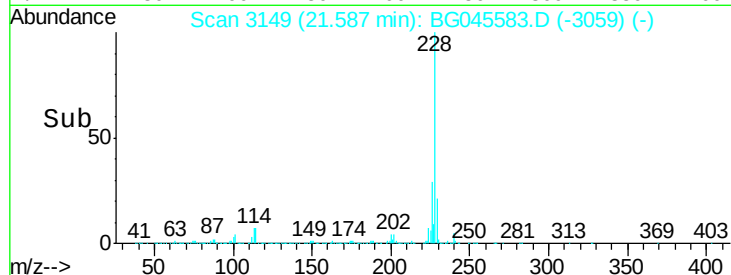
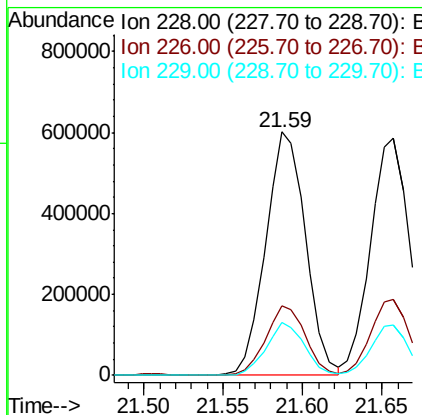
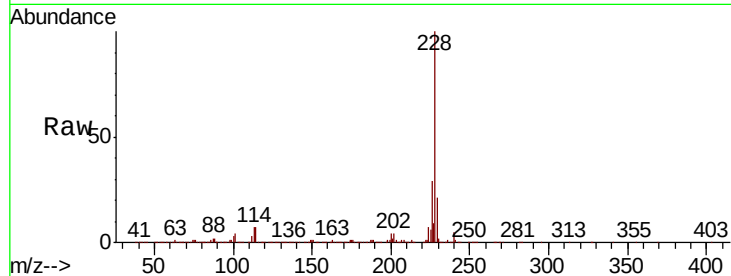
ClientSampleId :

PB129260BS

Tot Ion:	228	Resp:	1052503
Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	21.5	16.7	25.1

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#82

3,3'-Dichlorobenzidine

Concen: 31.307 ng

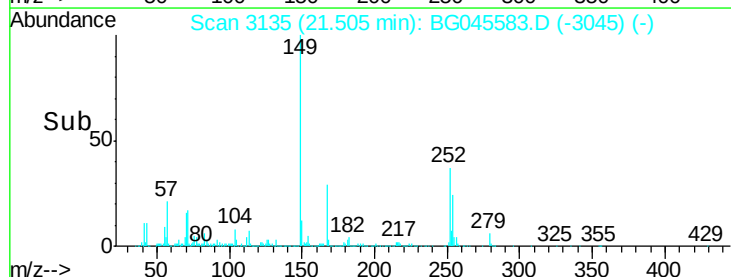
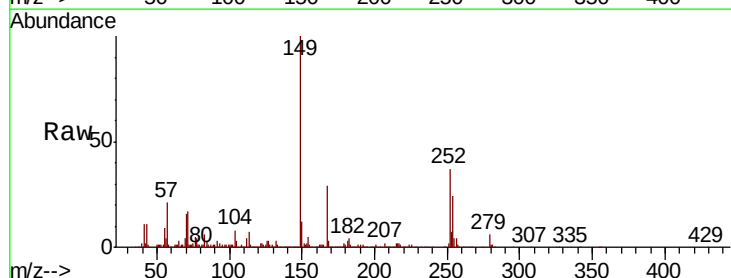
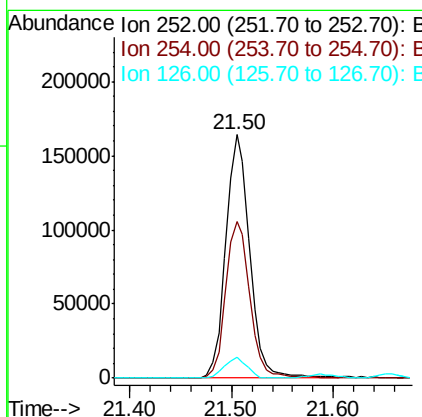
RT: 21.50 min Scan# 3135

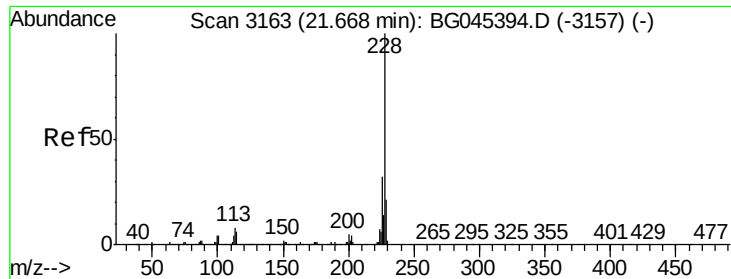
Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Tgt Ion:	252	Resp:	269137
Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.3	76.9
126	8.8	6.6	10.0





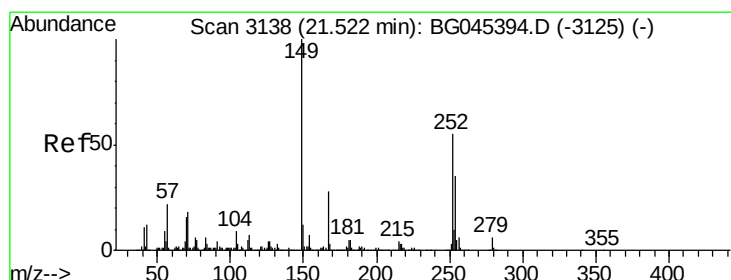
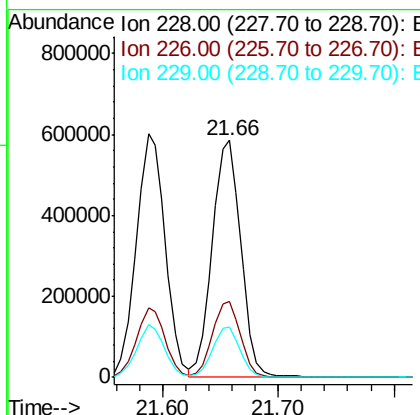
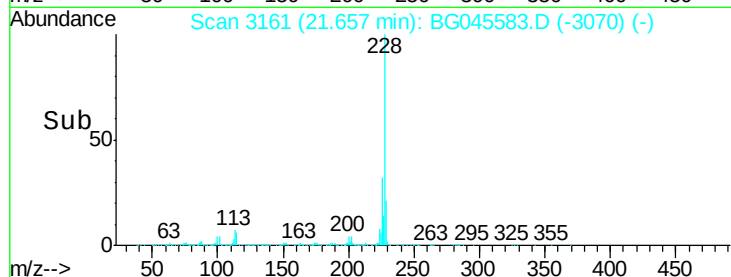
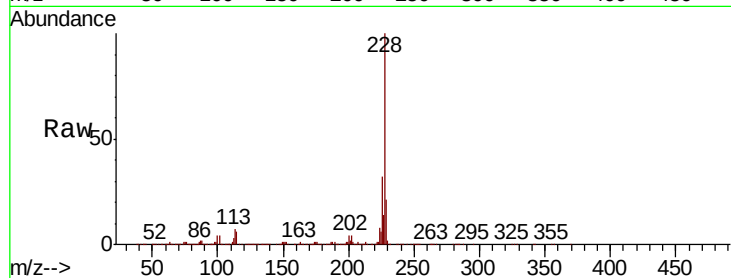
#83
 Chrysene
 Concen: 47.460 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. 0.01 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB129260BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.2	37.8
229	21.1	16.7	25.1

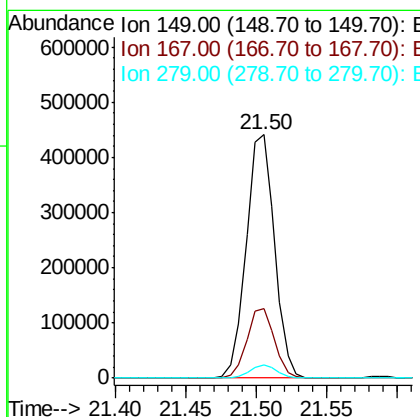
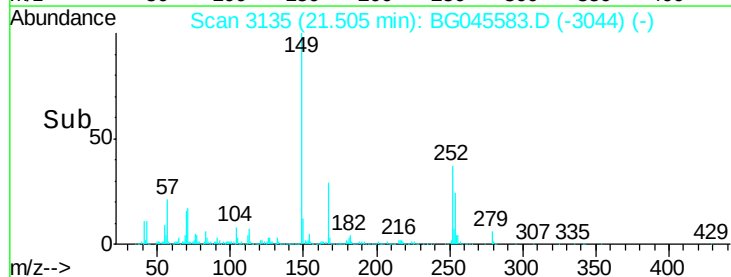
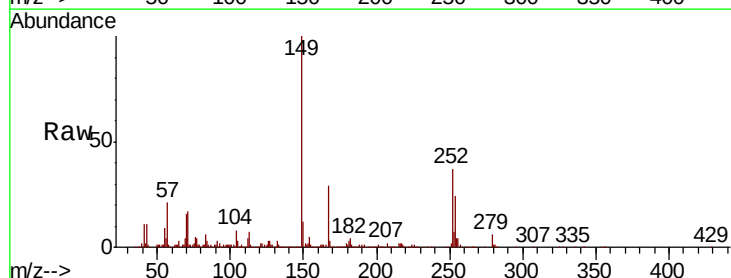
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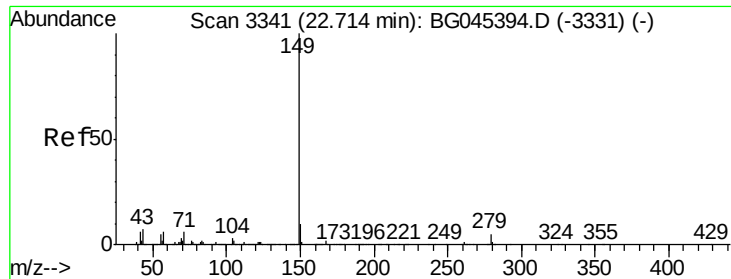
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.469 ng
 RT: 21.50 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.2	33.2
279	5.7	4.7	7.1





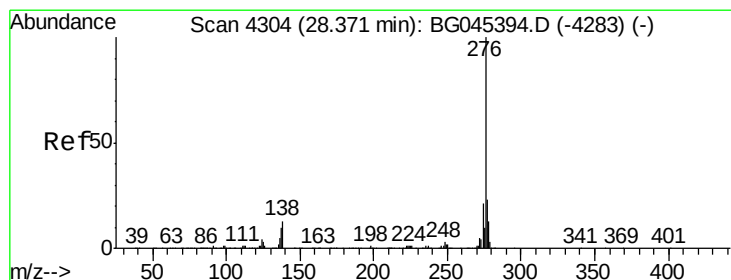
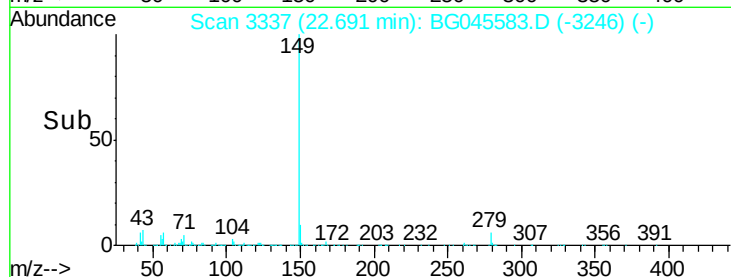
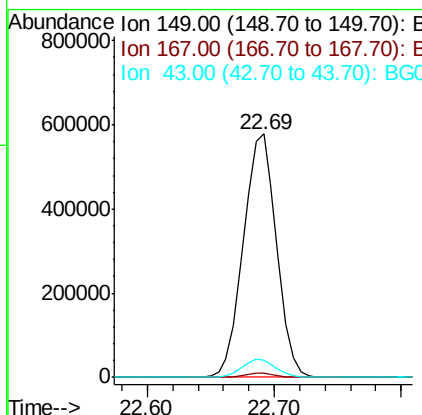
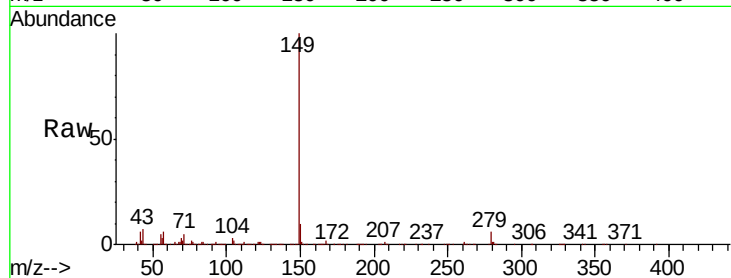
#85
Di-n-octyl phthalate
Concen: 45.818 ng
RT: 22.69 min Scan# 3337
Delta R.T. 0.01 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

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

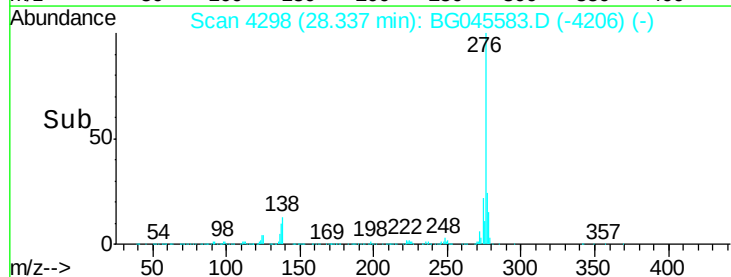
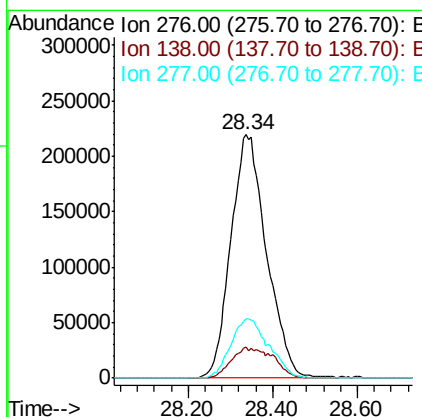
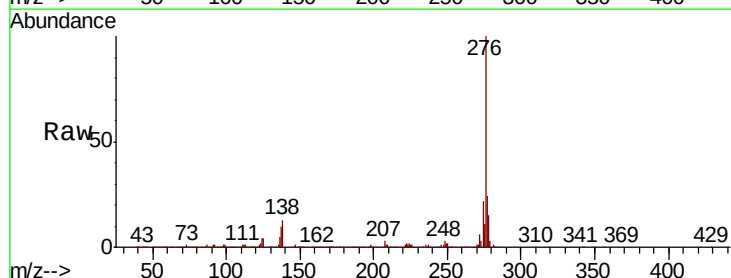
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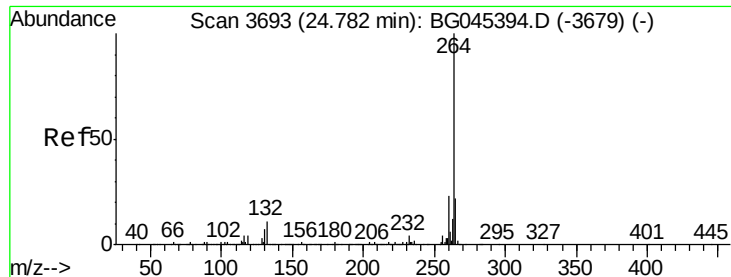
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.556 ng
RT: 28.34 min Scan# 4298
Delta R.T. 0.01 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.9	8.6	12.8#
277	25.9	20.2	30.4





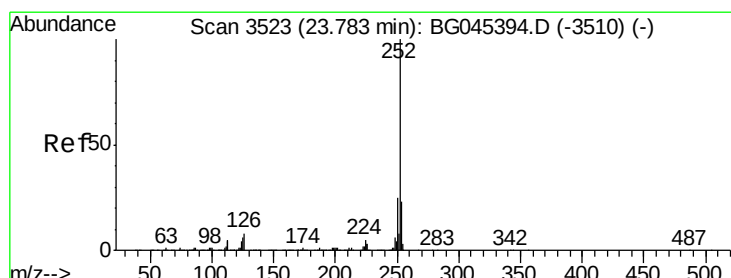
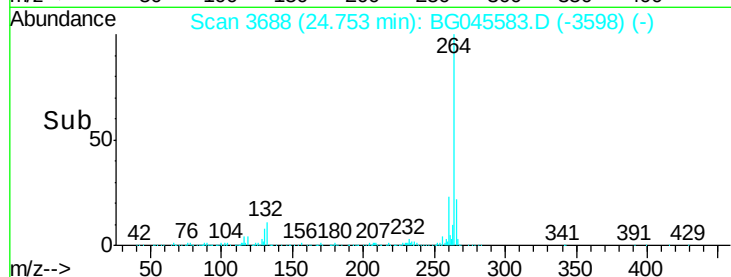
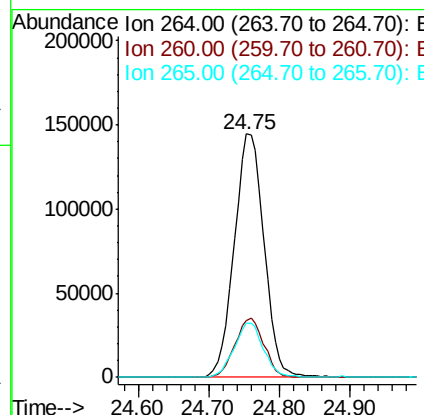
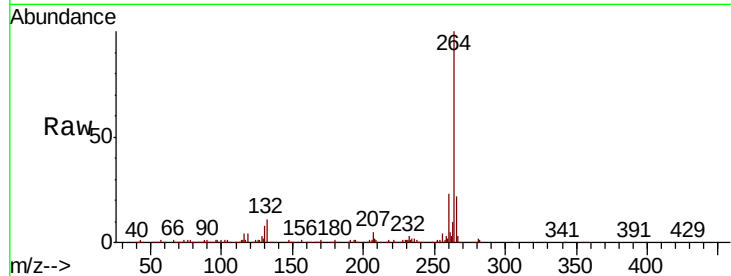
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	22.1	17.6	26.4

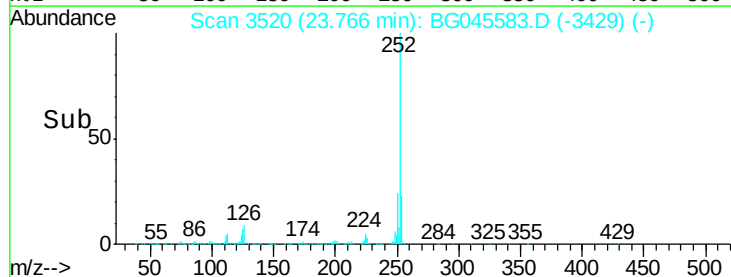
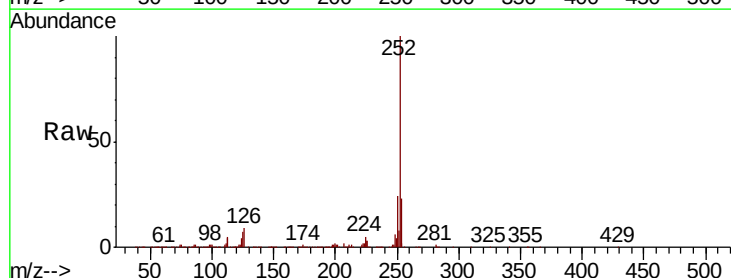
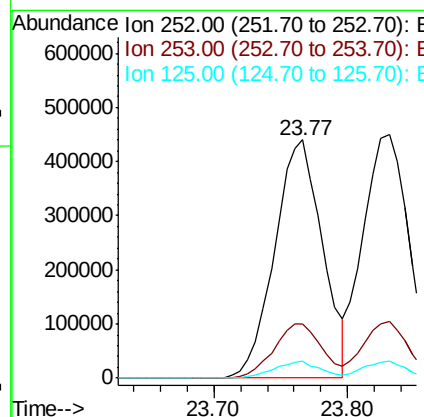
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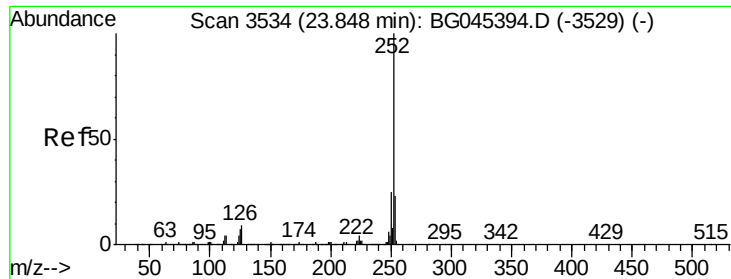
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#88
Benzo(b)fluoranthene
Concen: 48.055 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	7.1	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 49.930 ng

RT: 23.83 min Scan# 3531

Delta R.T. 0.01 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

ClientSampleId :

PB129260BS

Tot Ion:252 Resp: 1069081

Ion Ratio Lower Upper

252 100

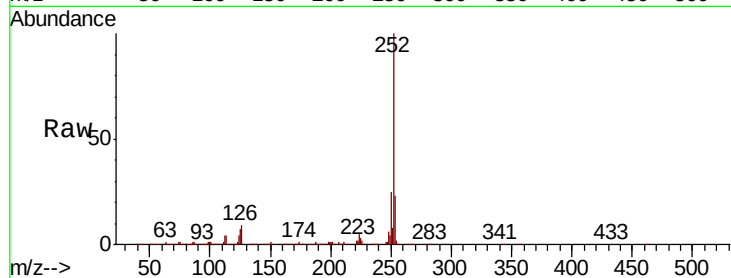
253 23.1 18.4 27.6

125 6.8 5.7 8.5

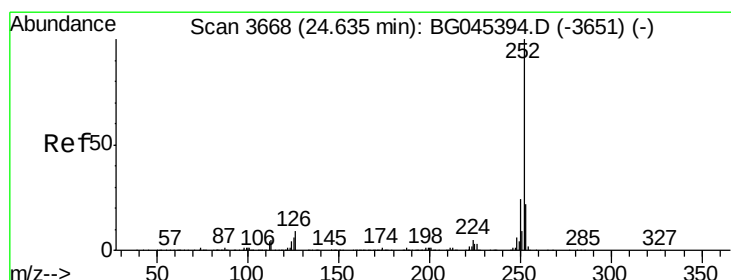
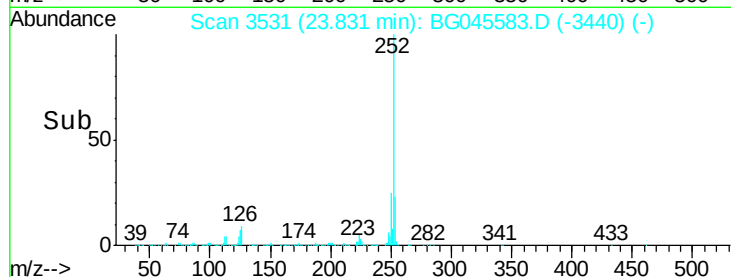
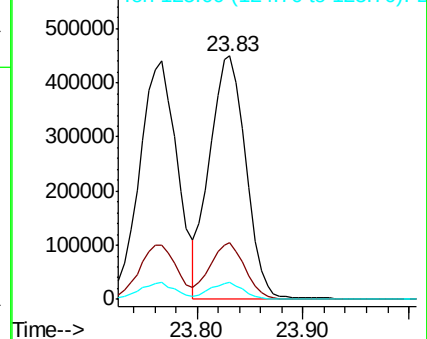
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.690 ng

RT: 24.61 min Scan# 3664

Delta R.T. 0.01 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

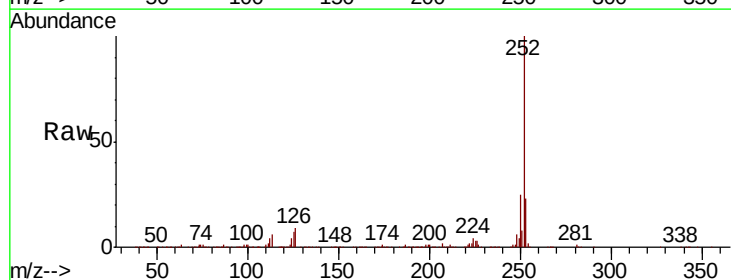
Tgt Ion:252 Resp: 1012268

Ion Ratio Lower Upper

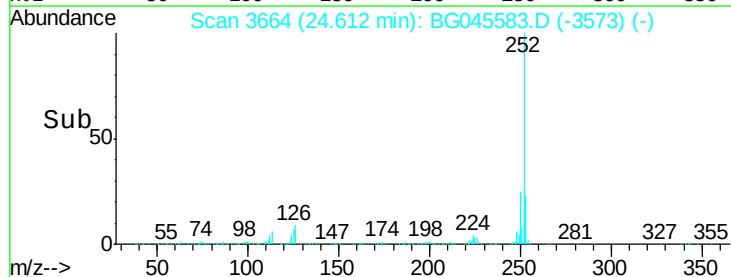
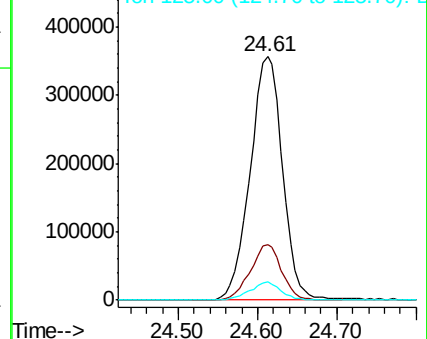
252 100

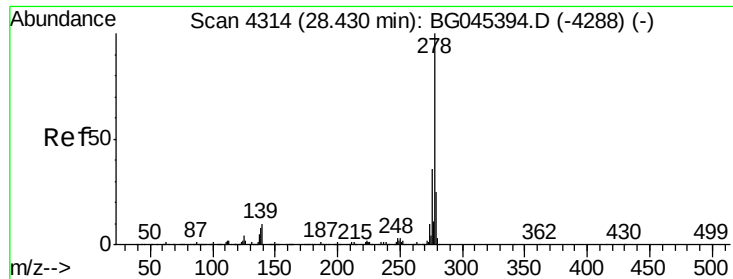
253 22.7 17.2 25.8

125 7.5 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





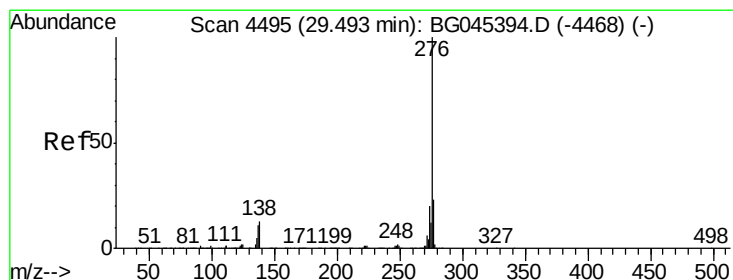
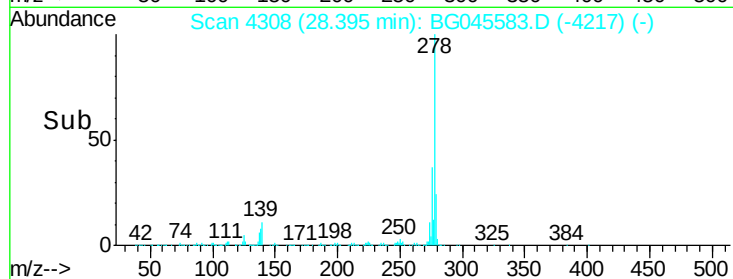
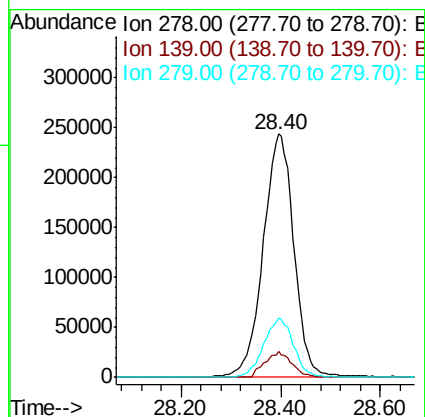
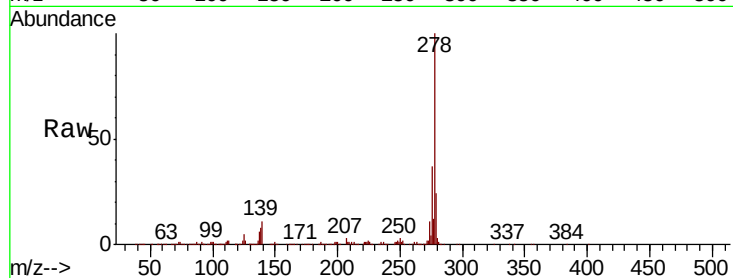
#91
Dibenzo(a,h)anthracene
Concen: 48.844 ng
RT: 28.40 min Scan# 4308
Delta R.T. 0.01 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB129260BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.6	7.8	11.8
279	24.1	19.8	29.8

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#92
Benzo(g,h,i)perylene
Concen: 49.580 ng
RT: 29.45 min Scan# 4488
Delta R.T. 0.01 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.1	27.1
138	12.1	10.2	15.4

