

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062320\
 Data File : BG045834.D
 Acq On : 23 Jun 2020 10:46
 Operator : CG/JU
 Sample : PB129662BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129662BSD

Manual Integrations
 APPROVED

mohammad
 6/24/2020 11:00:07 AM

Quant Time: Jun 23 11:27:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	49487	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	191903	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	132334	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	311491	20.00	ng	0.00
76) Chrysene-d12	21.58	240	303889	20.00	ng	0.00
86) Perylene-d12	24.70	264	331874	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	417046	142.36	ng	0.00
7) Phenol-d6	7.14	99	579315	130.00	ng	-0.02
23) Nitrobenzene-d5	9.08	82	374849	89.23	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	267115	133.70	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	822346	91.32	ng	0.00
79) Terphenyl-d14	19.93	244	1409430	93.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	51369	38.285	ng	98
3) Pyridine	3.77	79	146634	36.880	ng	99
4) n-Nitrosodimethylamine	3.68	42	59428	44.528	ng	98
6) Aniline	7.24	93	215484	41.069	ng	100
8) 2-Chlorophenol	7.50	128	148607	47.391	ng	90
9) Benzaldehyde	7.05	77	84310	31.500	ng	94
10) Phenol	7.17	94	196257	45.454	ng	96
11) bis(2-Chloroethyl)ether	7.34	93	135769	41.399	ng	96
12) 1,3-Dichlorobenzene	7.81	146	161949	43.338	ng	99
13) 1,4-Dichlorobenzene	7.95	146	163077	43.690	ng	94
14) 1,2-Dichlorobenzene	8.27	146	155114	43.408	ng	97
15) Benzyl Alcohol	8.17	79	150880	43.754	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	126230	40.840	ng	81
17) 2-Methylphenol	8.41	107	133407	41.518	ng	95
18) Hexachloroethane	9.00	117	62797	44.297	ng	95
19) n-Nitroso-di-n-propylamine	8.72	70	124273	42.420	ng	97
20) 3+4-Methylphenols	8.74	107	176054	41.661	ng	# 76
22) Acetophenone	8.74	105	225218	42.759	ng	95
24) Nitrobenzene	9.12	77	188707	42.132	ng	98
25) Isophorone	9.65	82	335803	41.293	ng	98
26) 2-Nitrophenol	9.84	139	84569	45.321	ng	97
27) 2,4-Dimethylphenol	9.93	122	131136	46.030	ng	93
28) bis(2-Chloroethoxy)methane	10.13	93	187154	44.058	ng	96
29) 2,4-Dichlorophenol	10.40	162	147452	44.362	ng	94
30) 1,2,4-Trichlorobenzene	10.59	180	167854	42.658	ng	99
31) Naphthalene	10.77	128	450934	42.980	ng	99
32) Benzoic acid	10.13	122	78774	43.639	ng	91
33) 4-Chloroaniline	10.90	127	153196	34.868	ng	98
34) Hexachlorobutadiene	11.06	225	119578	42.730	ng	97
35) Caprolactam	11.66	113	50102m	46.581	ng	
36) 4-Chloro-3-methylphenol	12.07	107	170232	44.357	ng	99
37) 2-Methylnaphthalene	12.38	142	339077	43.402	ng	98
38) 1-Methylnaphthalene	12.61	142	318808	43.122	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	189669	43.528	ng	# 96

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062320\
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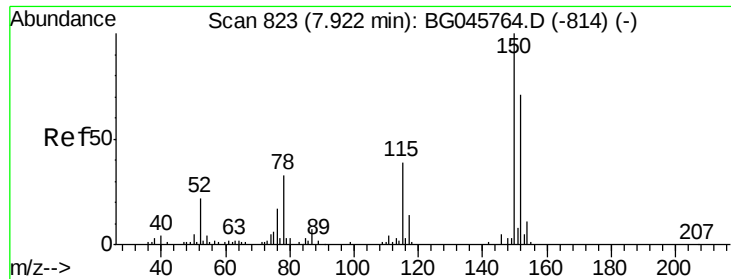
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 6/24/2020 11:00:07 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	231454	94.461	nq	98
43) 2,4,6-Trichlorophenol	13.01	196	125830	42.591	nq	95
44) 2,4,5-Trichlorophenol	13.11	196	134962	40.082	nq	98
46) 1,1'-Biphenyl	13.39	154	425021	44.860	nq	100
47) 2-Chloronaphthalene	13.44	162	332712	43.473	nq	99
48) 2-Nitroaniline	13.65	65	107356	42.171	nq	97
49) Acenaphthylene	14.29	152	534148	43.574	nq	99
50) Dimethylphthalate	14.02	163	446823	43.101	nq	98
51) 2,6-Dinitrotoluene	14.15	165	100504	43.163	nq	95
52) Acenaphthene	14.63	154	323499	43.537	nq	97
53) 3-Nitroaniline	14.49	138	82307	35.389	nq	# 92
54) 2,4-Dinitrophenol	14.69	184	114433	87.333	nq	99
55) Dibenzofuran	14.97	168	525705	43.551	nq	99
56) 4-Nitrophenol	14.86	139	125024	75.277	nq	98
57) 2,4-Dinitrotoluene	14.94	165	143817	43.109	nq	# 99
58) Fluorene	15.61	166	440310	43.867	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	132590	45.370	nq	97
60) Diethylphthalate	15.39	149	460548	43.457	nq	98
61) 4-Chlorophenyl-phenylether	15.61	204	246259	42.568	nq	99
62) 4-Nitroaniline	15.66	138	100604	42.148	nq	95
63) Azobenzene	15.90	77	443472	43.580	nq	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	91740	47.657	nq	96
66) n-Nitrosodiphenylamine	15.83	169	385333	43.675	nq	98
67) 4-Bromophenyl-phenylether	16.50	248	171779	42.442	nq	97
68) Hexachlorobenzene	16.63	284	190628	45.420	nq	94
69) Atrazine	16.78	200	151212	44.168	nq	99
70) Pentachlorophenol	16.99	266	154283	75.060	nq	97
71) Phenanthrene	17.36	178	710122	44.203	nq	100
72) Anthracene	17.45	178	722748	45.179	nq	99
73) Carbazole	17.73	167	661886	43.453	nq	99
74) Di-n-butylphthalate	18.28	149	794477	44.050	nq	100
75) Fluoranthene	19.37	202	893676	45.239	nq	99
77) Benzidine	19.56	184	548159	69.385	nq	100
78) Pyrene	19.73	202	880136	43.251	nq	100
80) Butylbenzylphthalate	20.63	149	356531	41.857	nq	99
81) Benzo(a)anthracene	21.56	228	842568	42.765	nq	98
82) 3,3'-Dichlorobenzidine	21.48	252	286163	38.398	nq	95
83) Chrysene	21.62	228	824733	43.278	nq	100
84) Bis(2-ethylhexyl)phthalate	21.47	149	506530	42.753	nq	# 97
85) Di-n-octyl phthalate	22.65	149	874076	42.770	nq	99
87) Indeno(1,2,3-cd)pyrene	28.26	276	1072672	44.584	nq	# 95
88) Benzo(b)fluoranthene	23.71	252	911749	43.817	nq	99
89) Benzo(k)fluoranthene	23.78	252	923047	46.349	nq	98
90) Benzo(a)pyrene	24.56	252	847083	43.579	nq	99
91) Dibenzo(a,h)anthracene	28.31	278	872912	45.244	nq	99
92) Benzo(g,h,i)perylene	29.37	276	863049	44.692	nq	97

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



#1

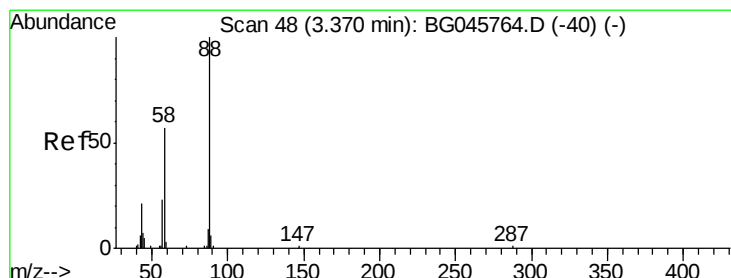
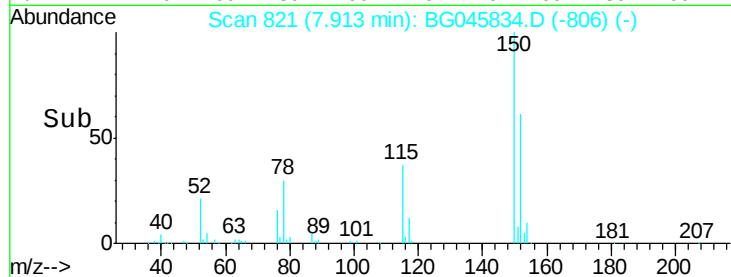
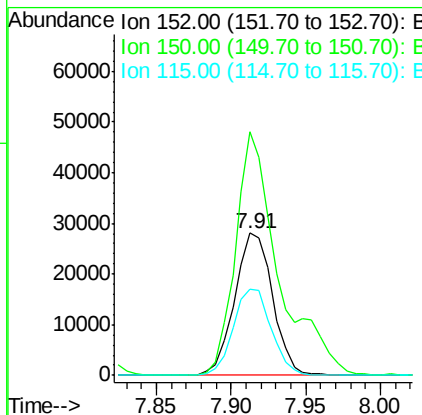
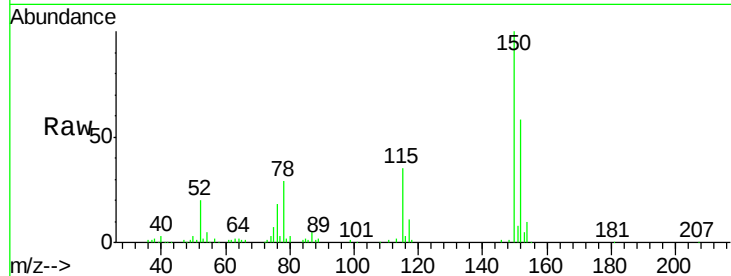
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	171.2	113.1	169.7#
115	60.2	43.8	65.6

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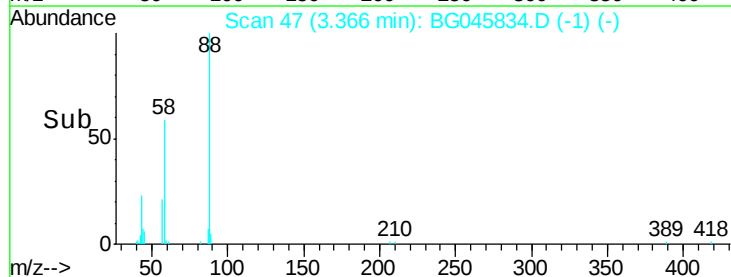
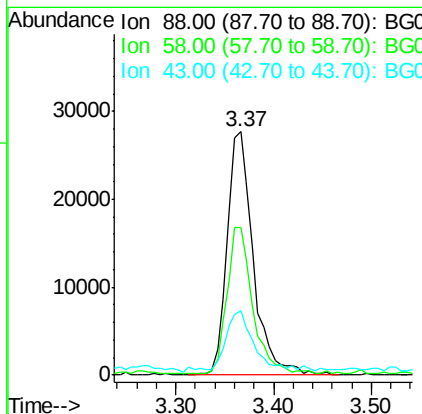
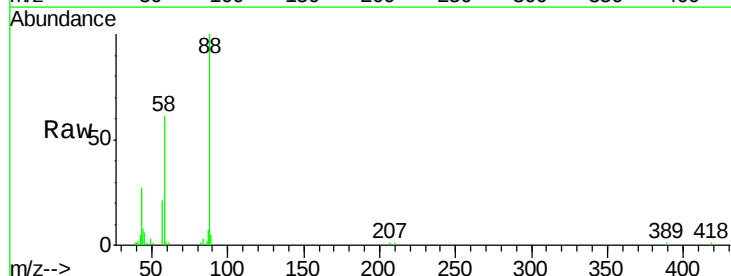
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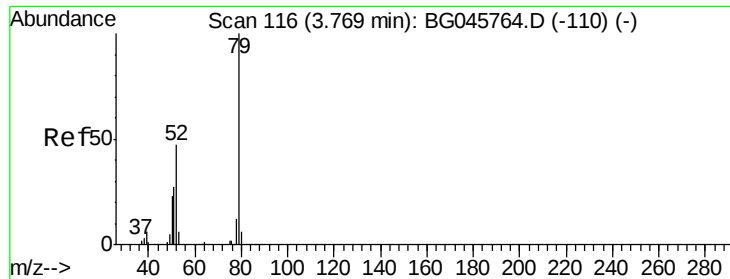


#2

1,4-Dioxane
Concen: 38.285 ng
RT: 3.37 min Scan# 47
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.6	46.1	69.1
43	25.1	19.2	28.8





#3

Pvridine

Concen: 36.880 ng

RT: 3.77 min Scan# 115

Delta R.T. -0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Instrument :

BNA_G

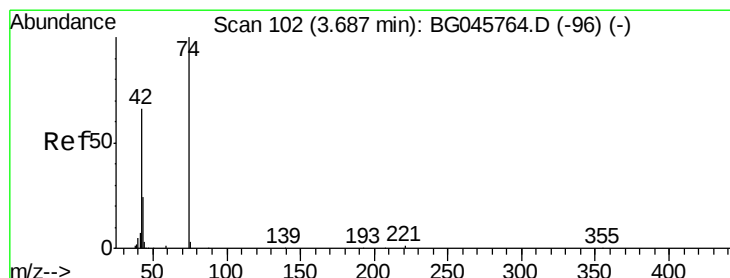
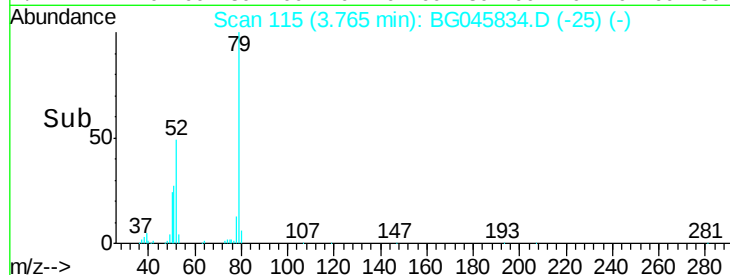
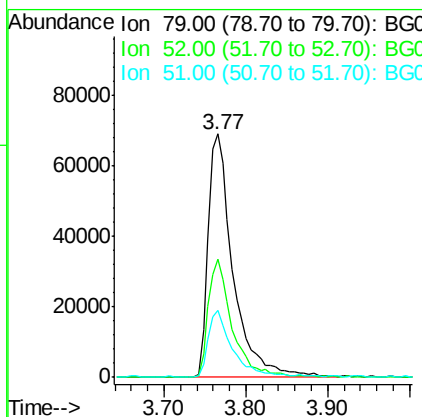
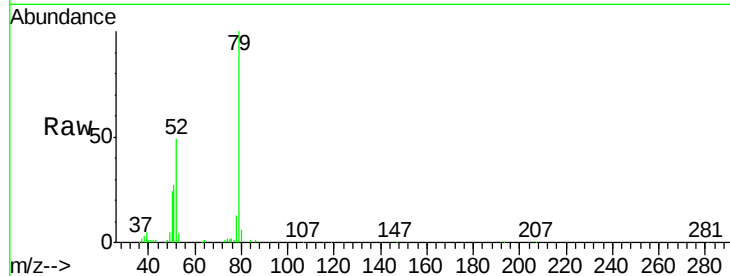
ClientSampleId :

PB129662BSD

Tot Ion:	79	Resp:	146634
Ion	Ratio	Lower	Upper
79	100		
52	48.6	37.9	56.9
51	27.4	22.0	33.0

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#4

n-Nitrosodimethylamine

Concen: 44.528 ng

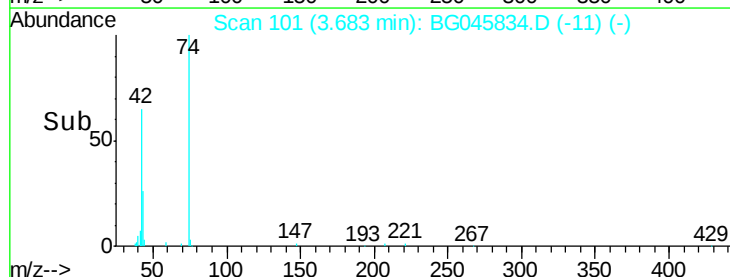
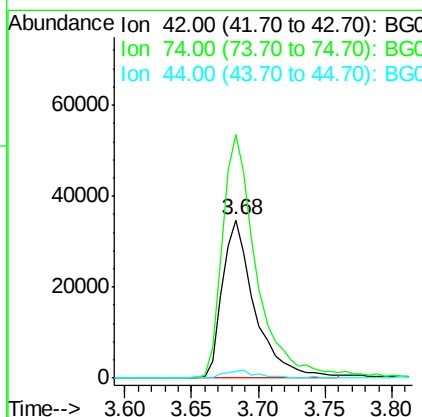
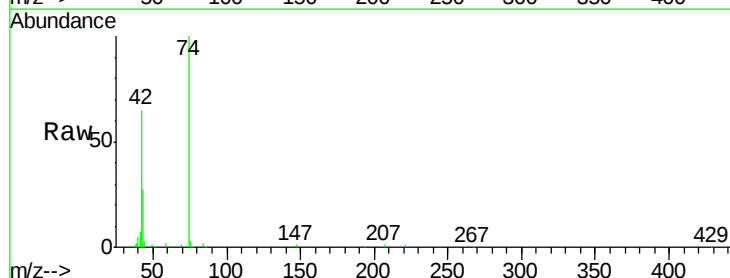
RT: 3.68 min Scan# 101

Delta R.T. -0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Tgt Ion:	42	Resp:	59428
Ion	Ratio	Lower	Upper
42	100		
74	154.0	121.0	181.4
44	4.6	3.5	5.3





#5

2-Fluorophenol

Concen: 142.358 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Instrument :

BNA_G

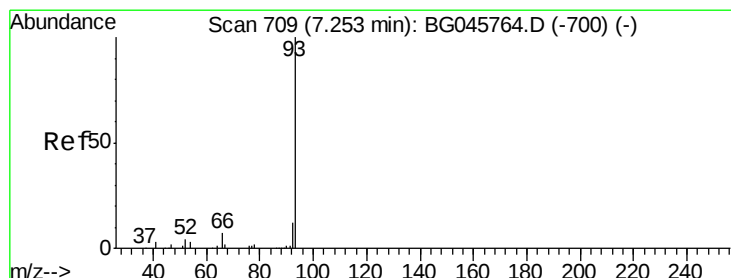
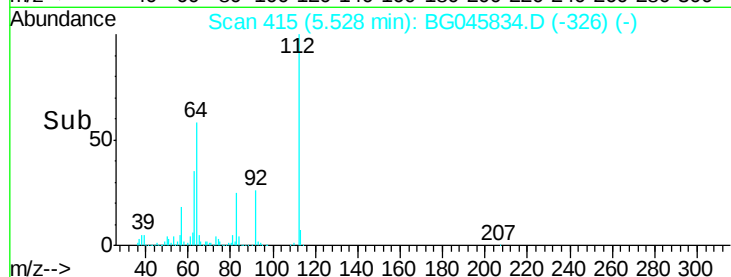
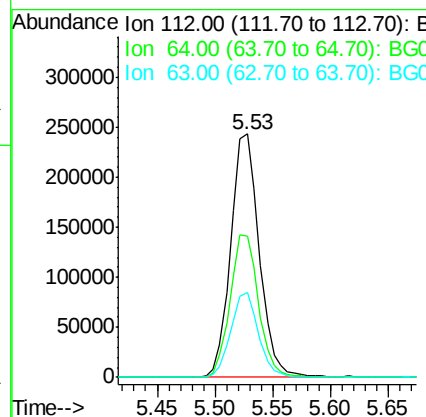
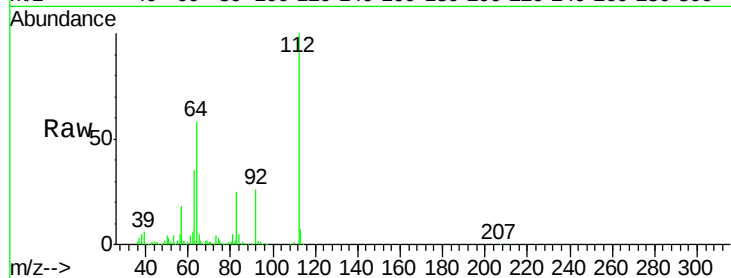
ClientSampleId :

PB129662BSD

Tot Ion:	112	Resp:	417046
Ion Ratio	Lower	Upper	
112	100		
64	58.1	46.6	69.8
63	34.9	26.3	39.5

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#6

Aniline

Concen: 41.069 ng

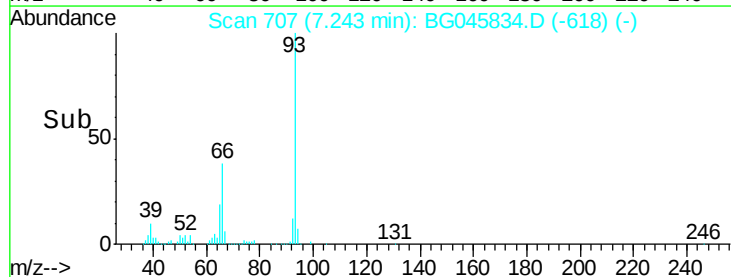
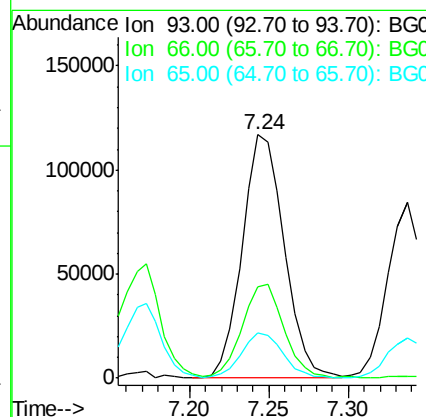
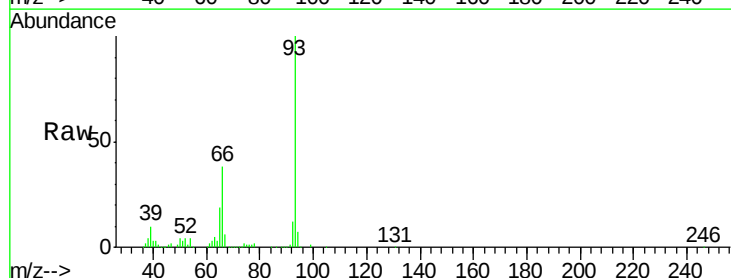
RT: 7.24 min Scan# 707

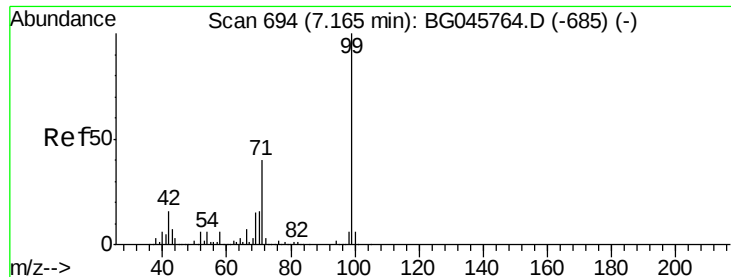
Delta R.T. -0.01 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Tgt Ion:	93	Resp:	215484
Ion Ratio	Lower	Upper	
93	100		
66	37.7	30.0	45.0
65	18.6	14.7	22.1





#7

Phenol-d6

Concen: 130.005 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.02 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Instrument :

BNA_G

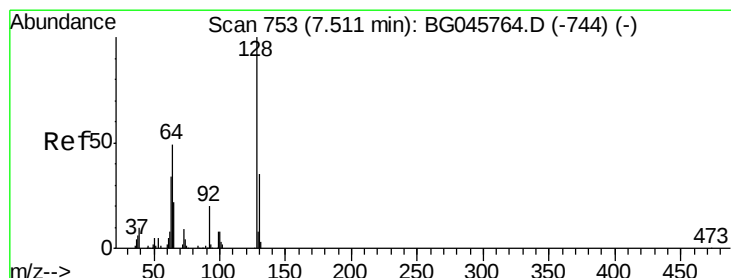
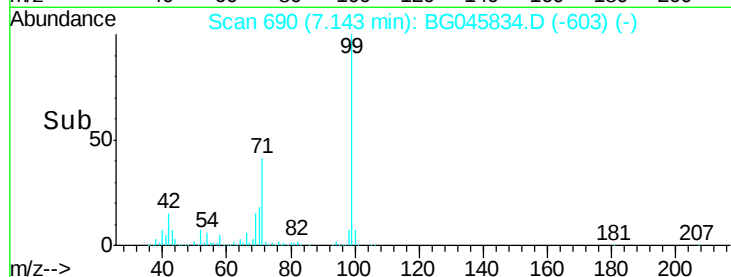
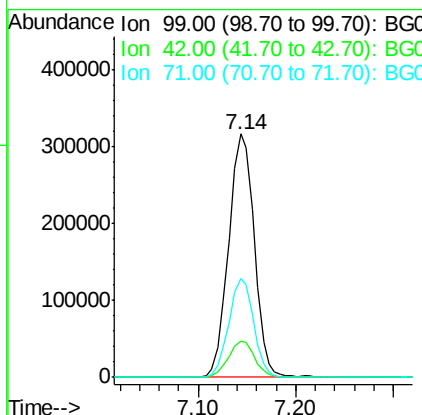
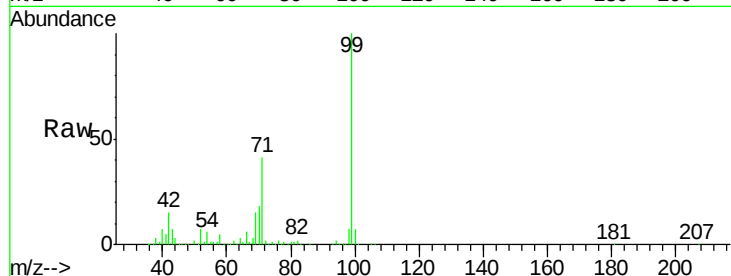
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		579315		
42	14.9	12.4	18.6		
71	40.6	32.1	48.1		

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#8

2-Chlorophenol

Concen: 47.391 ng

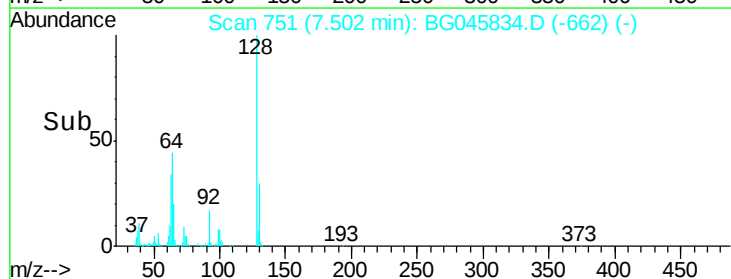
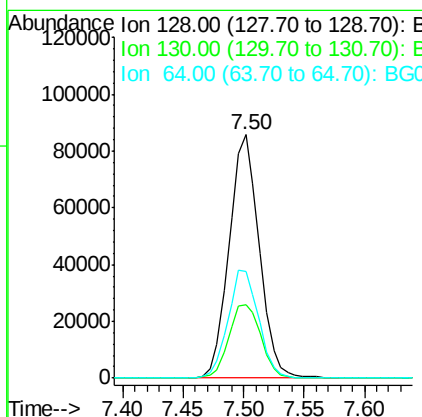
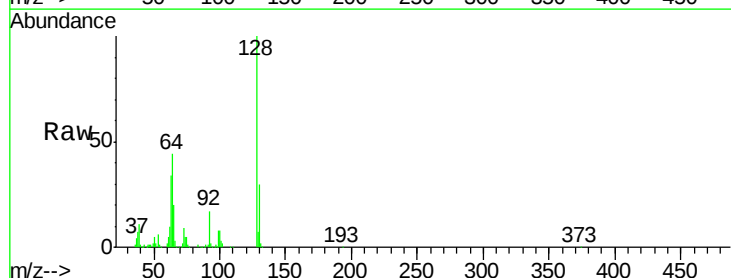
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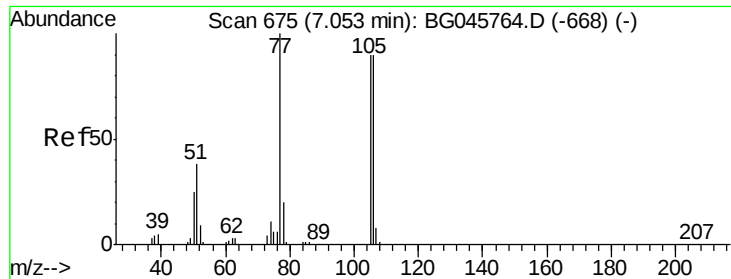
Delta R.T. -0.01 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		148607		
130	30.2	14.5	54.5		
64	43.8	31.6	71.6		





#9

Benzaldehyde

Concen: 31.500 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Instrument :

BNA_G

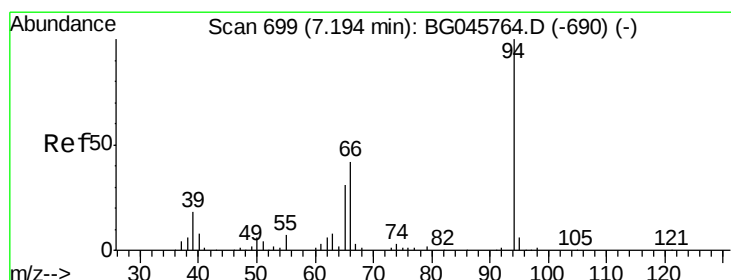
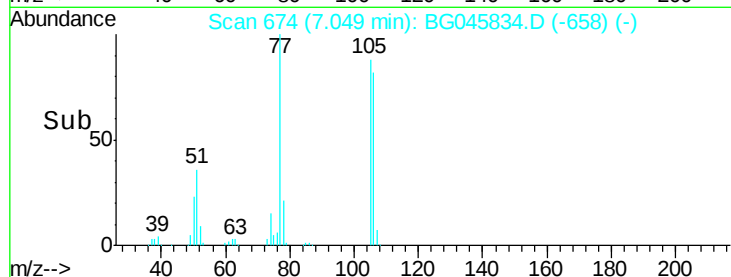
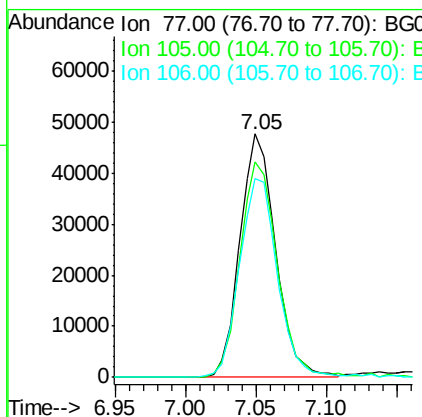
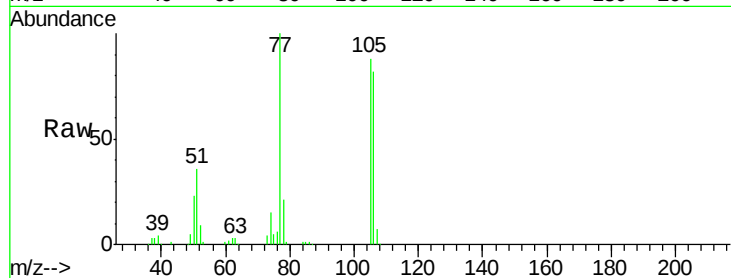
ClientSampleId :

PB129662BSD

Tot Ion:	77	Resp:	84310
Ion	Ratio	Lower	Upper
77	100		
105	88.3	70.4	110.4
106	81.8	70.2	110.2

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#10

Phenol

Concen: 45.454 ng

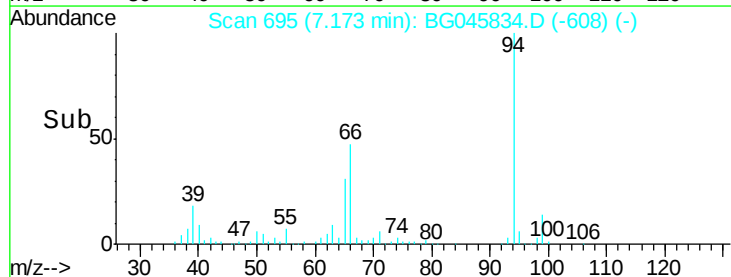
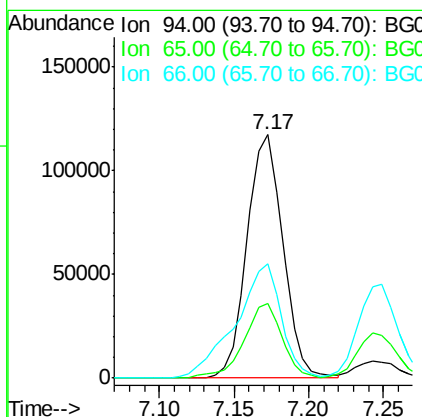
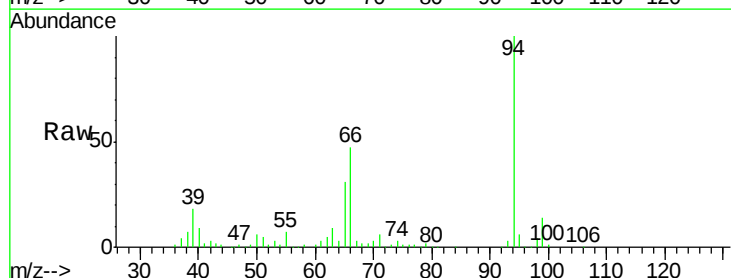
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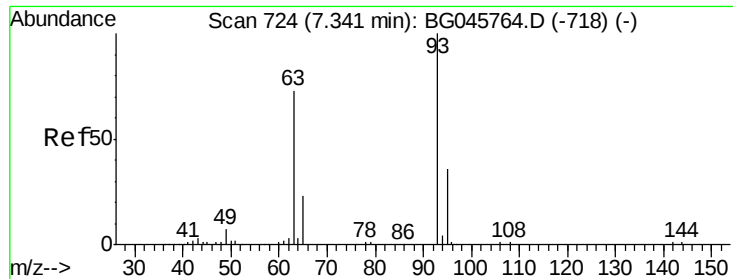
Delta R.T. -0.02 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Tgt Ion:	94	Resp:	196257
Ion	Ratio	Lower	Upper
94	100		
65	30.7	10.7	50.7
66	47.0	22.5	62.5





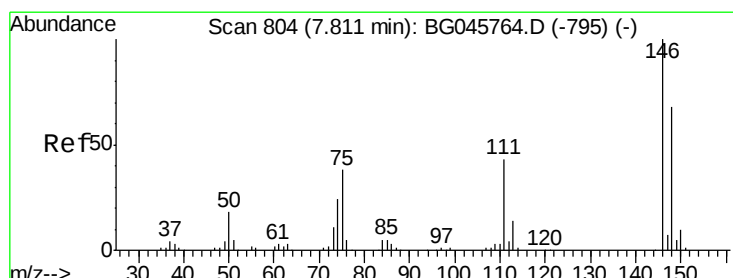
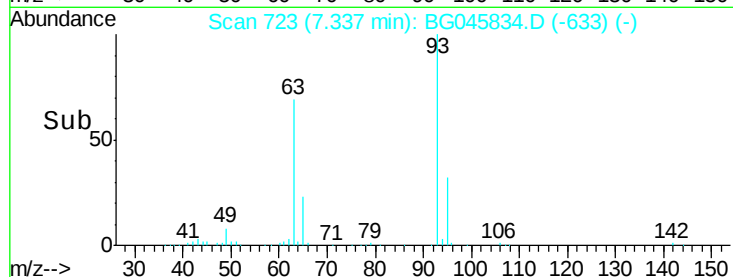
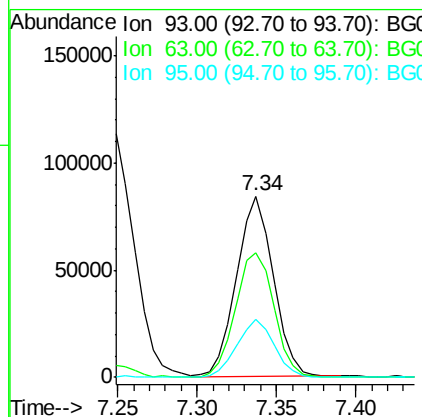
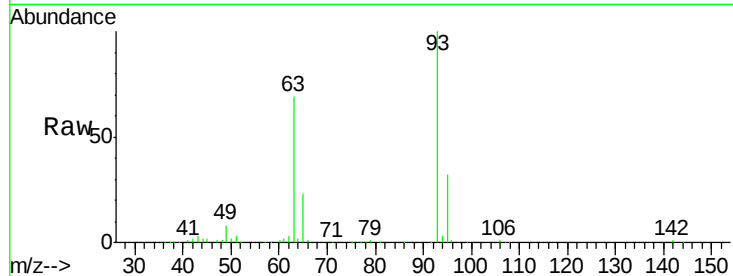
#11
bis(2-Chloroethyl)ether
Concen: 41.399 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

Tot Ion:	93	Resp:	135769
Ion	Ratio	Lower	Upper
93	100		
63	69.1	52.0	92.0
95	32.1	15.6	55.6

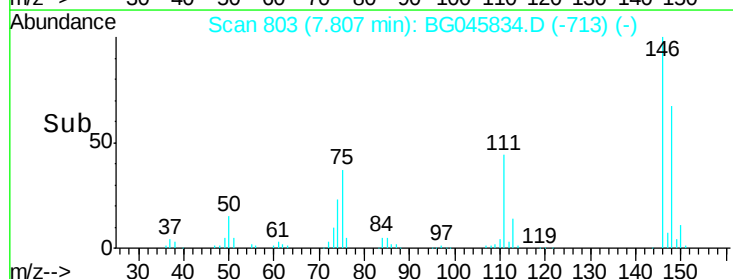
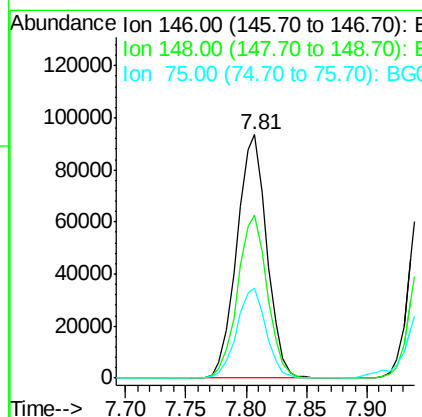
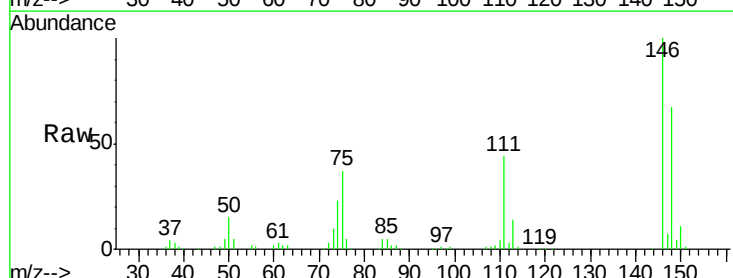
Manual Integrations
APPROVED

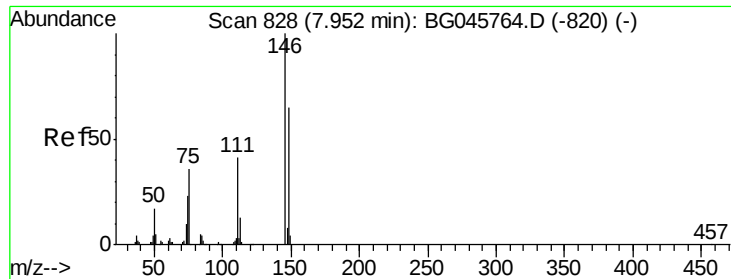
mohammad
6/24/2020 11:00:07 AM



#12
1,3-Dichlorobenzene
Concen: 43.338 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tgt Ion:	146	Resp:	161949
Ion	Ratio	Lower	Upper
146	100		
148	67.0	54.2	81.4
75	36.9	30.1	45.1





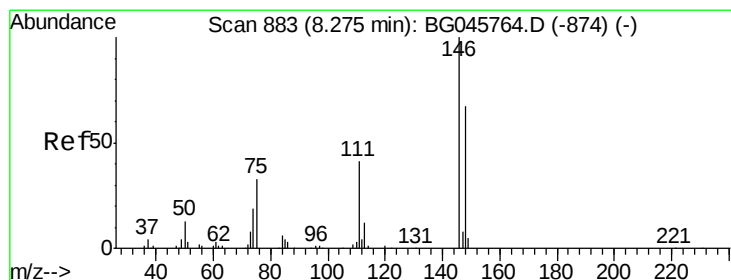
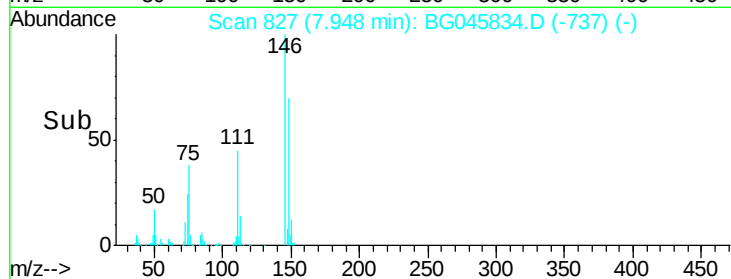
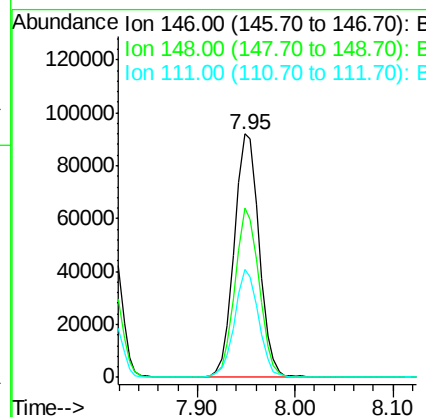
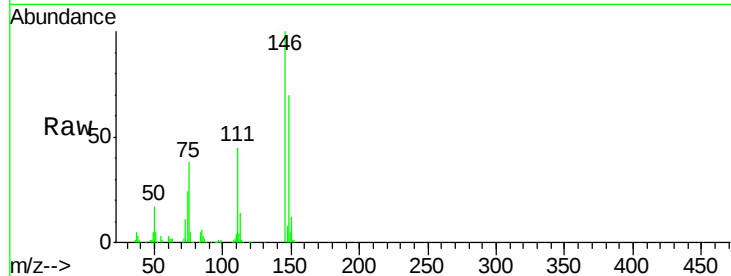
#13
1,4-Dichlorobenzene
Concen: 43.690 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.8	51.8	77.6
111	44.5	32.8	49.2

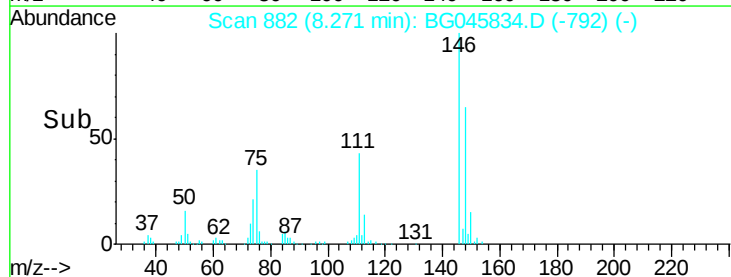
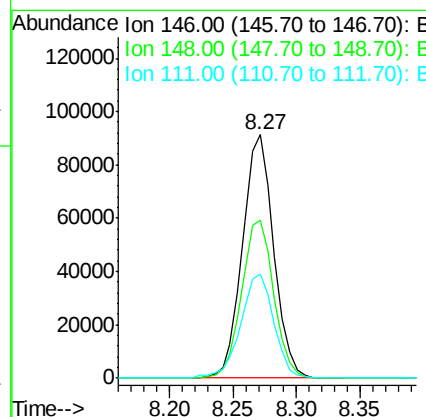
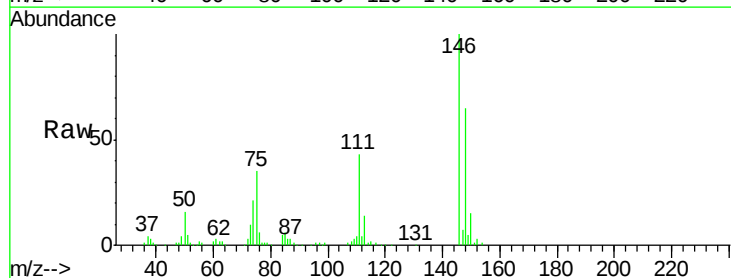
Manual Integrations
APPROVED

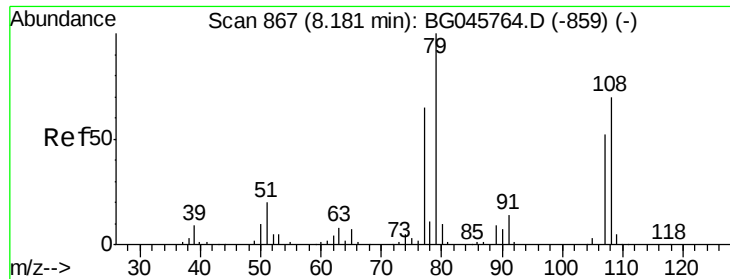
mohammad
6/24/2020 11:00:07 AM



#14
1,2-Dichlorobenzene
Concen: 43.408 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	54.1	81.1
111	42.9	32.9	49.3





#15

Benzyl Alcohol

Concen: 43.754 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Instrument :

BNA_G

ClientSampleID :

PB129662BSD

Tot Ion: 79 Resp: 150880

Ion Ratio Lower Upper

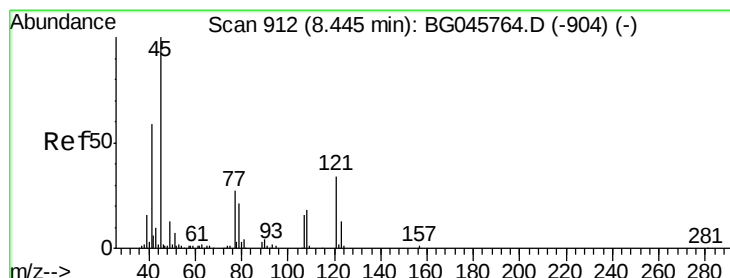
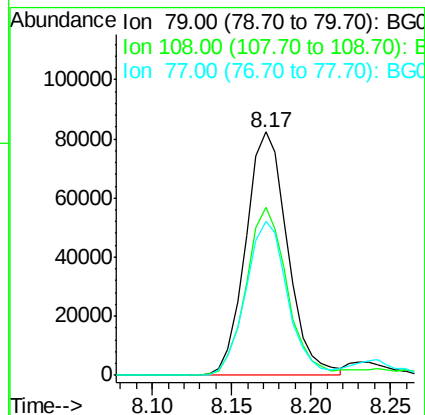
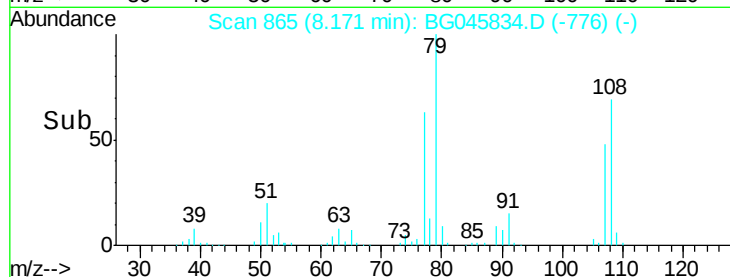
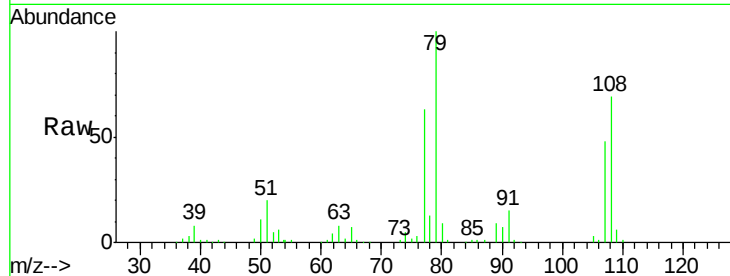
79 100

108 68.9 56.2 84.4

77 63.5 52.2 78.2

Manual Integrations
APPROVED

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6/24/2020 11:00:07 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.840 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

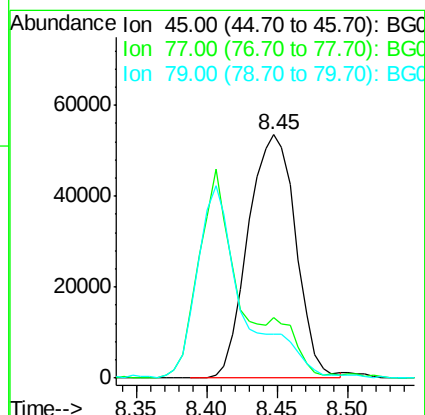
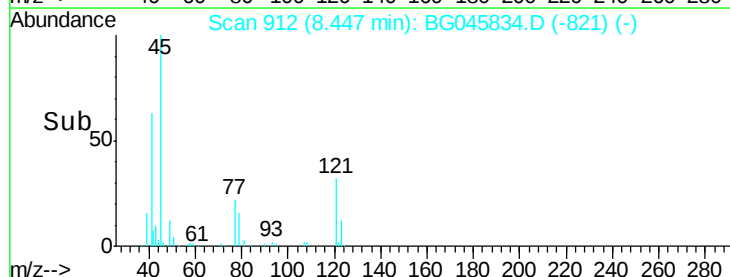
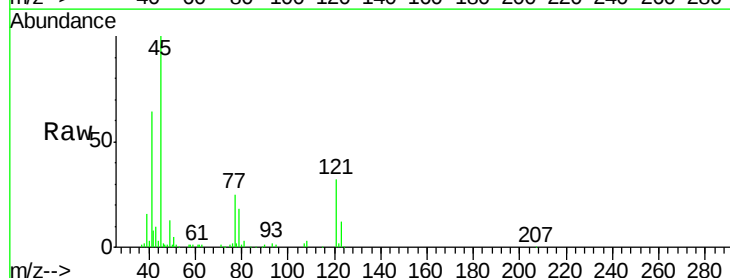
Tgt Ion: 45 Resp: 126230

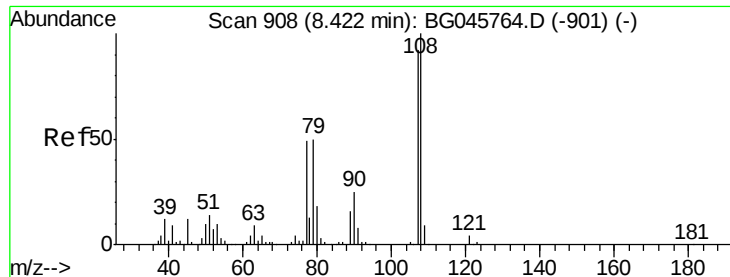
Ion Ratio Lower Upper

45 100

77 24.9 14.9 54.9

79 18.2 9.2 49.2





#17

2-Methylphenol

Concen: 41.518 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.02 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Instrument :

BNA_G

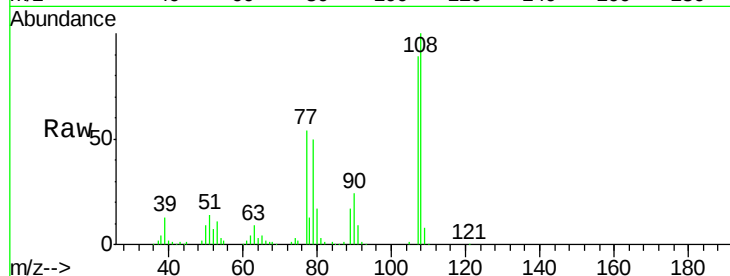
ClientSampleId :

PB129662BSD

Tot Ion	107	Resp	133407
Ion Ratio	Lower	Upper	
107	100		
108	112.7	87.4	131.0
77	61.3	42.5	63.7
79	56.4	44.0	66.0

Manual Integrations
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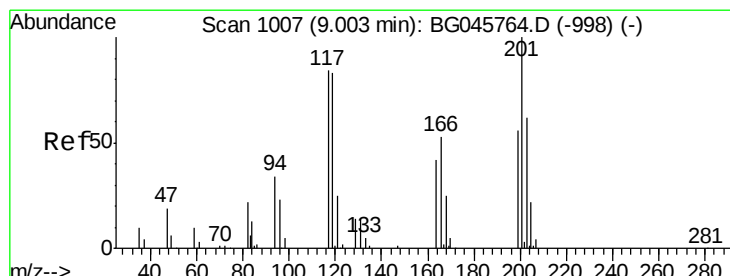
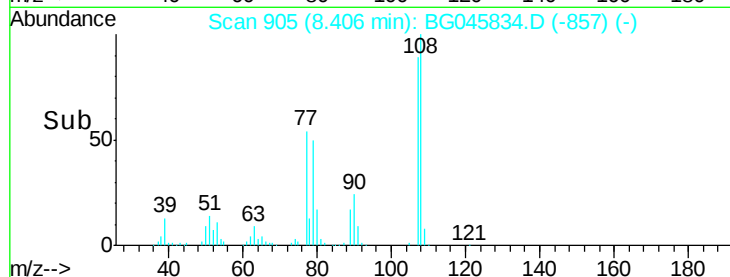
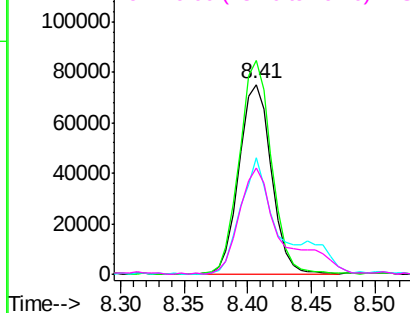


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 44.297 ng

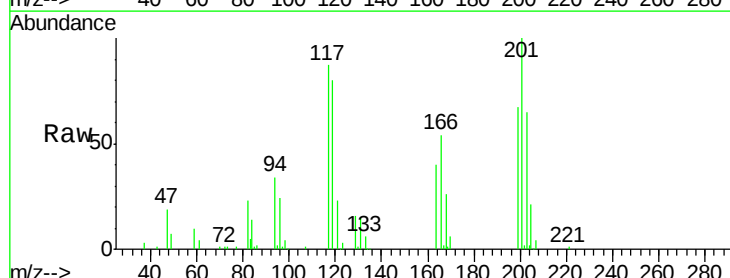
RT: 9.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

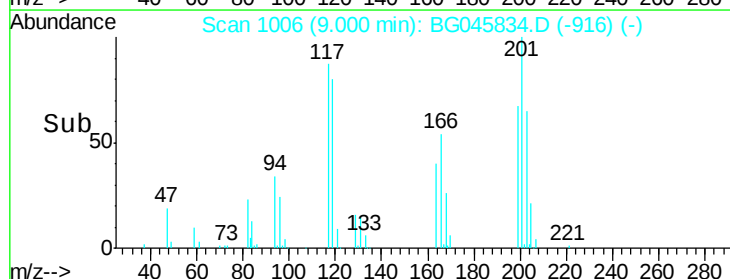
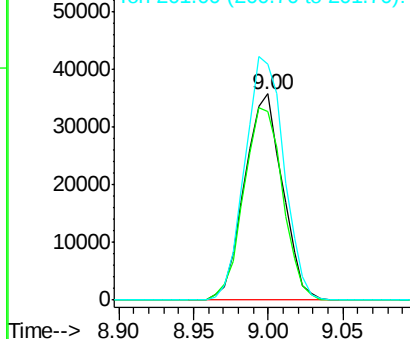
Tgt Ion	117	Resp	62797
Ion Ratio	Lower	Upper	
117	100		
119	91.6	78.9	118.3
201	114.8	95.5	143.3

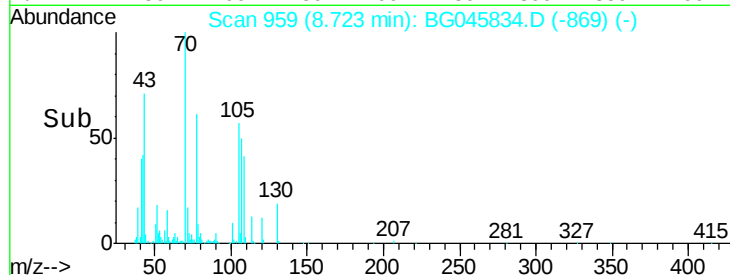
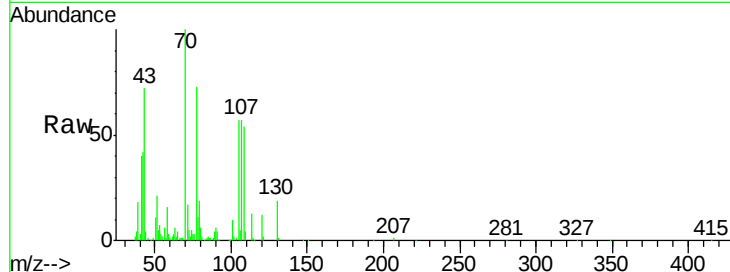
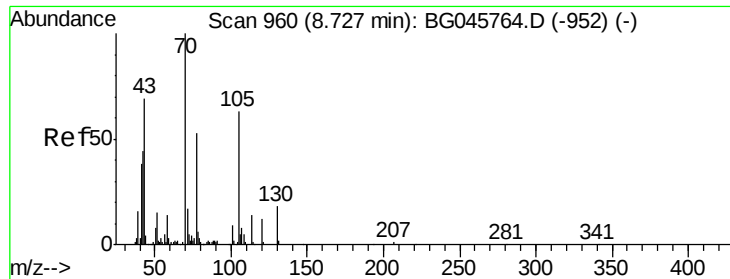


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





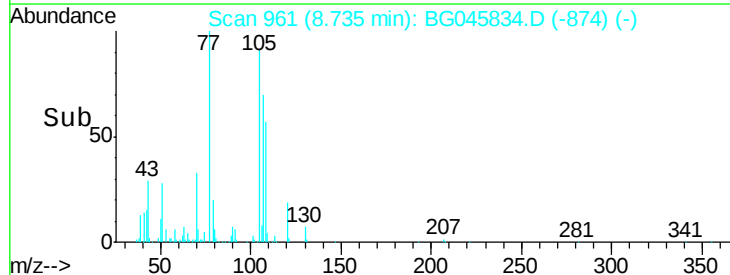
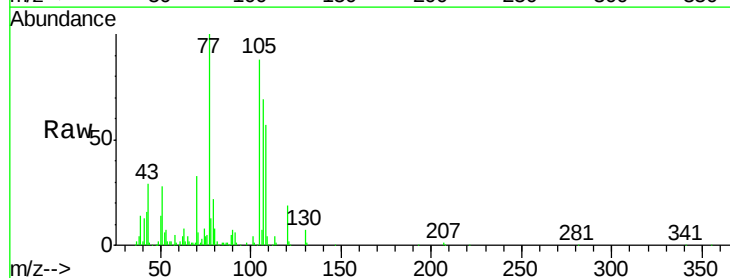
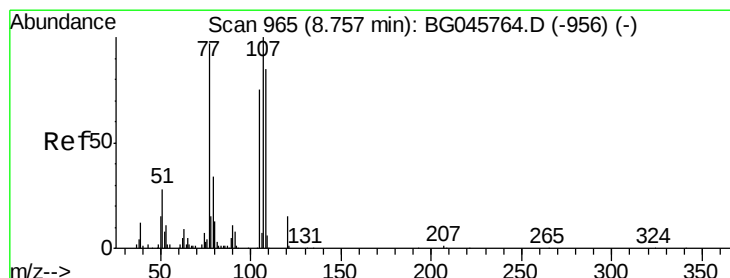
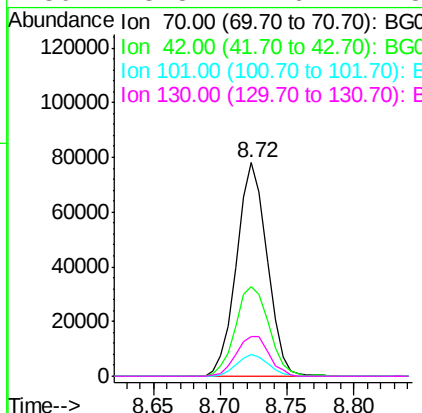
#19
n-Nitroso-di-n-propylamine
Concen: 42.420 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	41.9	35.1	52.7		
101	10.0	7.4	11.0		
130	18.8	14.6	21.8		

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

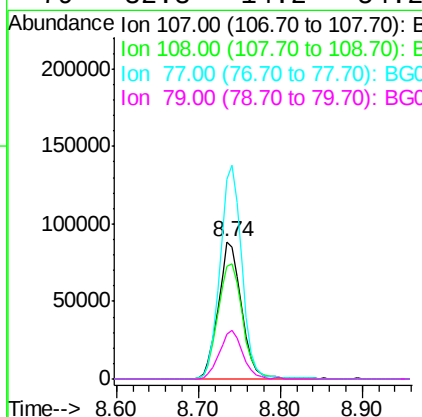
Manual Integrations
APPROVED

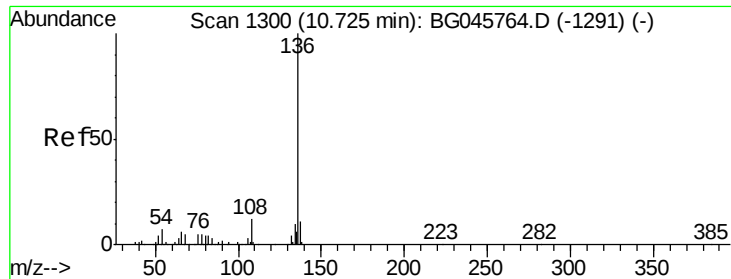
mohammad
6/24/2020 11:00:07 AM



#20
3+4-Methylphenols
Concen: 41.661 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.02 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	82.1	65.4	105.4		
77	145.1	77.2	117.2#		
79	32.3	14.2	54.2		





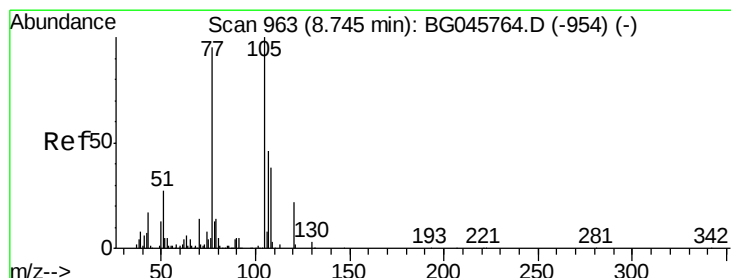
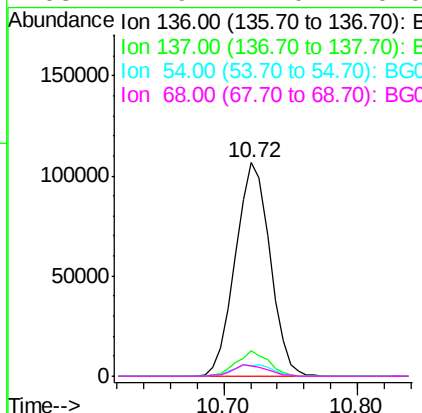
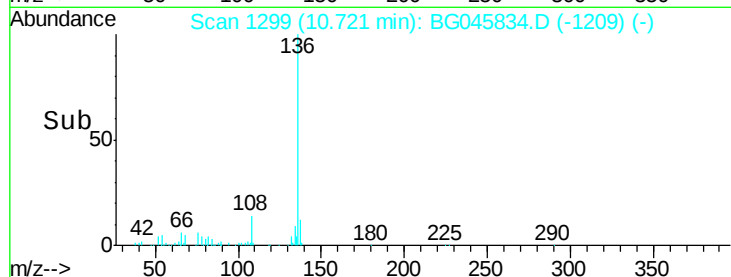
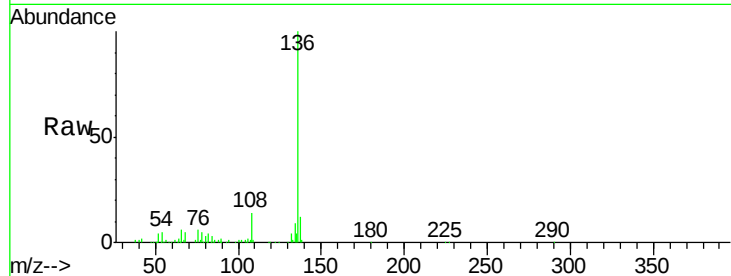
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	191903		
137	12.1	8.7	13.1	
54	4.9	5.8	8.6#	
68	4.9	4.0	6.0	

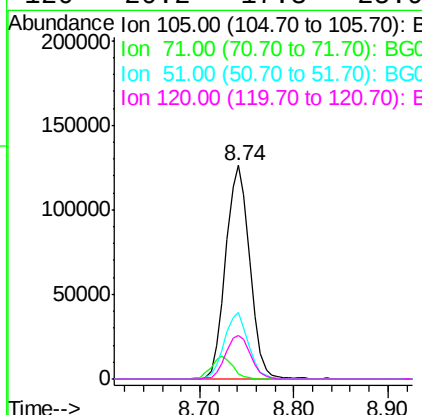
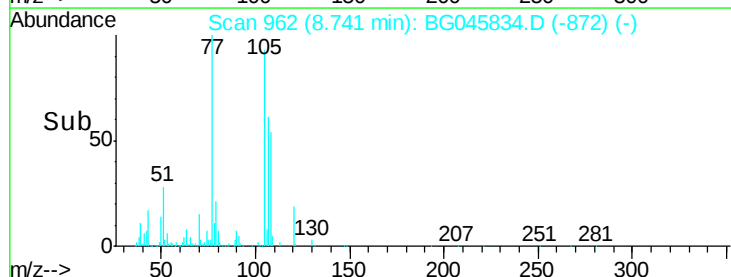
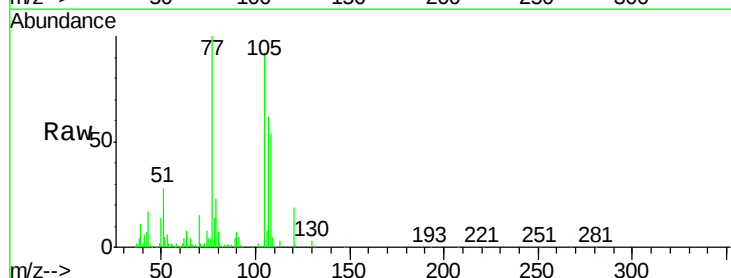
Manual Integrations
APPROVED

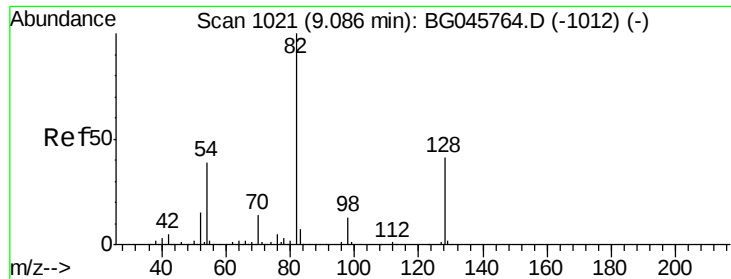
mohammad
6/24/2020 11:00:07 AM



#22
Acetophenone
Concen: 42.759 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	225218		
71	2.7	1.8	2.8	
51	30.9	21.9	32.9	
120	20.2	17.3	25.9	





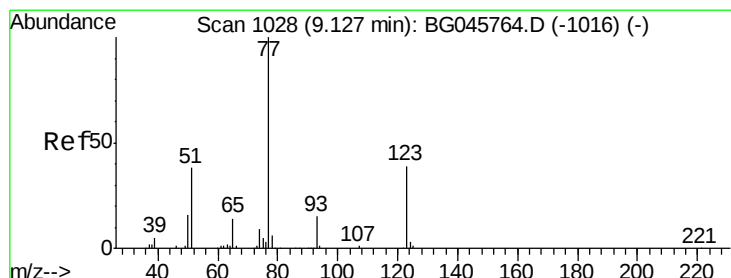
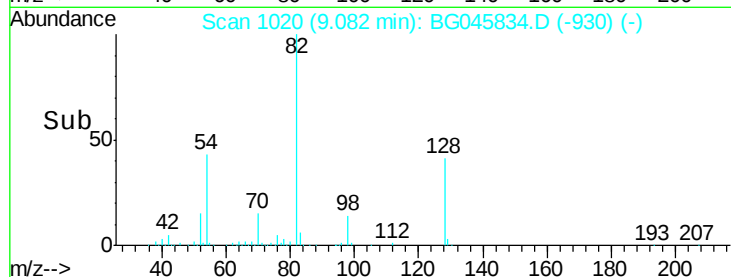
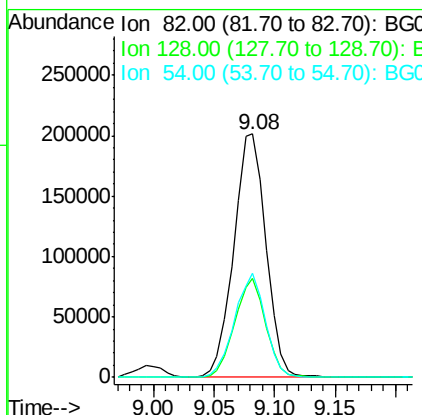
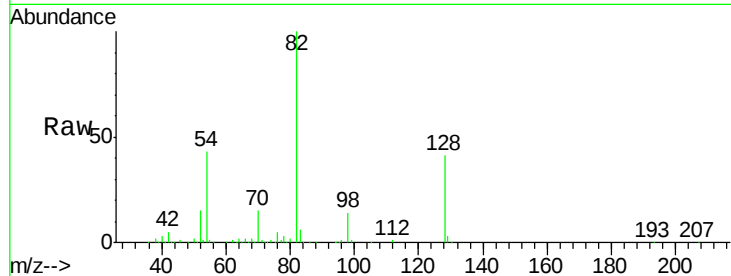
#23
Nitrobenzene-d5
Concen: 89.235 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	374849		
128	40.9	32.5	48.7	
54	43.0	31.2	46.8	

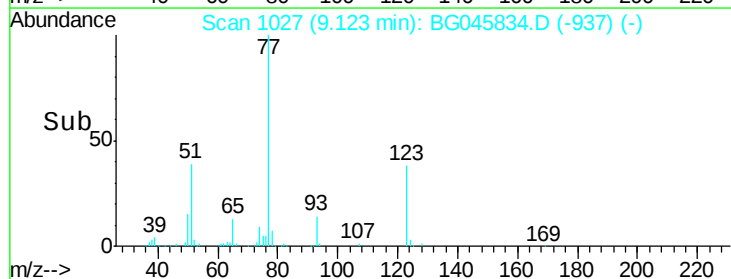
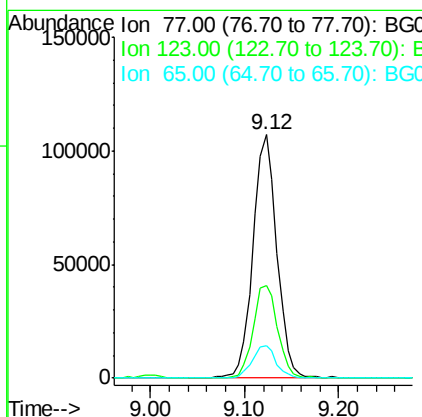
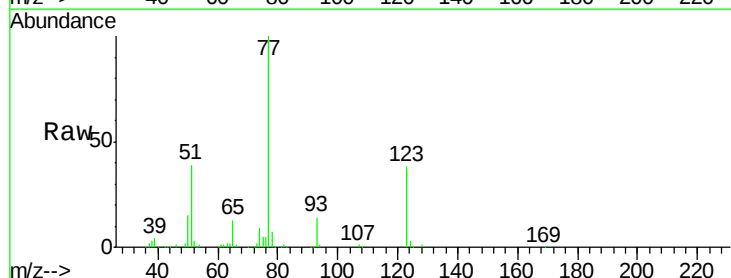
Manual Integrations
APPROVED

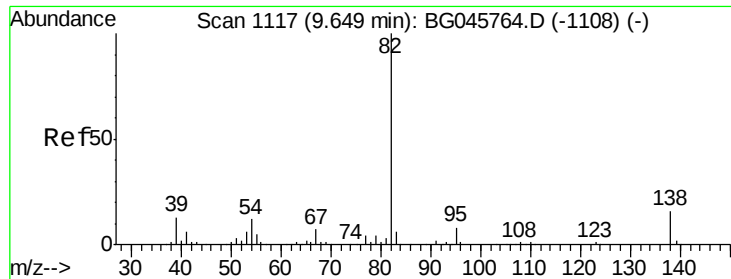
mohammad
6/24/2020 11:00:07 AM



#24
Nitrobenzene
Concen: 42.132 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	188707		
123	38.1	31.2	46.8	
65	13.3	11.4	17.2	





#25

Isophorone

Concen: 41.293 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Instrument :

BNA_G

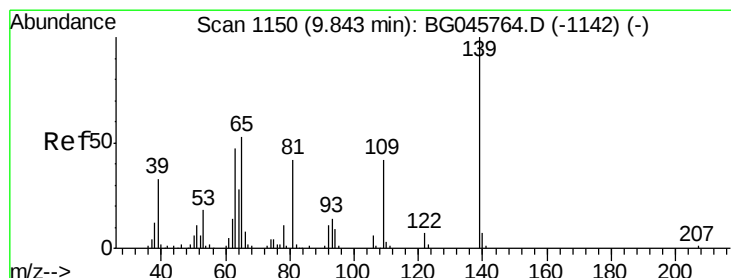
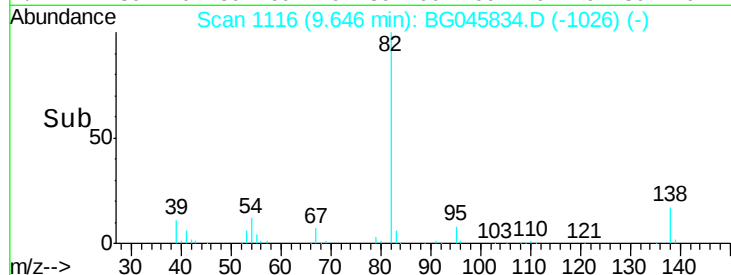
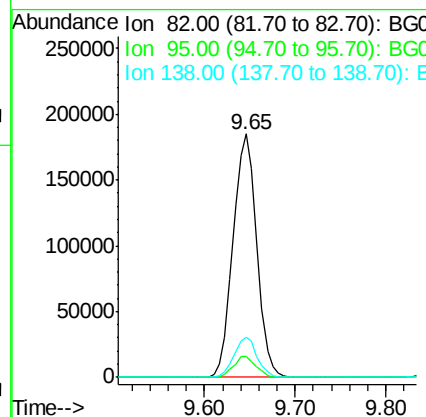
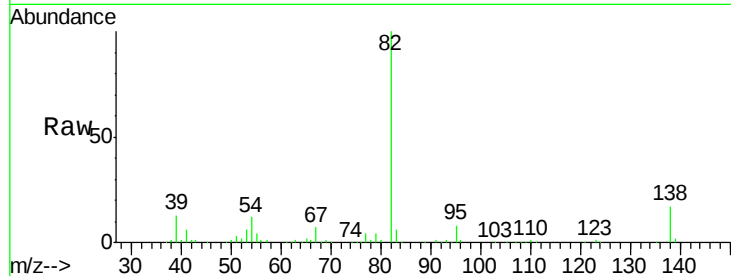
ClientSampleId :

PB129662BSD

Tot Ion:	82	Resp:	335803
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.2	9.4
138	16.7	12.6	18.8

Manual Integrations
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mohammad
6/24/2020 11:00:07 AM



#26

2-Nitrophenol

Concen: 45.321 ng

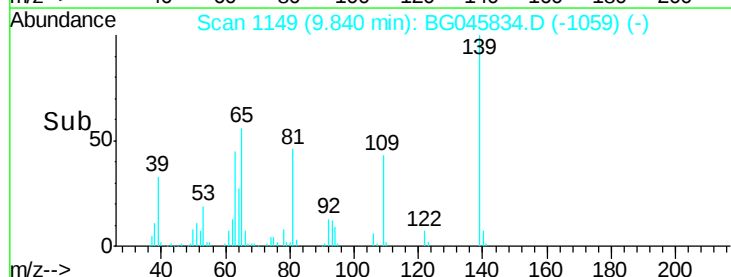
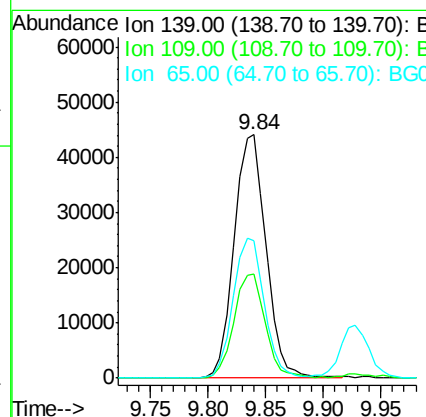
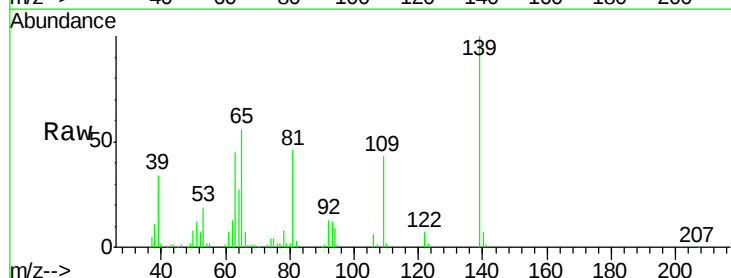
RT: 9.84 min Scan# 1149

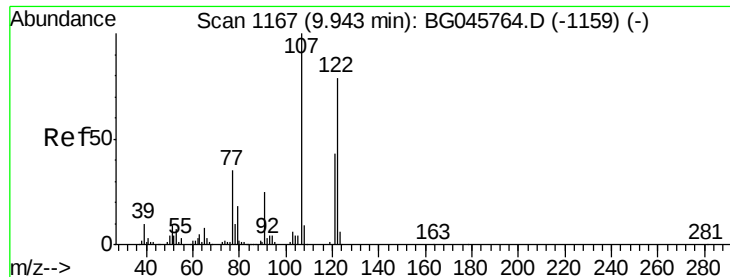
Delta R.T. -0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Tgt Ion:	139	Resp:	84569
Ion Ratio	Lower	Upper	
139	100		
109	42.8	33.5	50.3
65	56.2	42.2	63.4





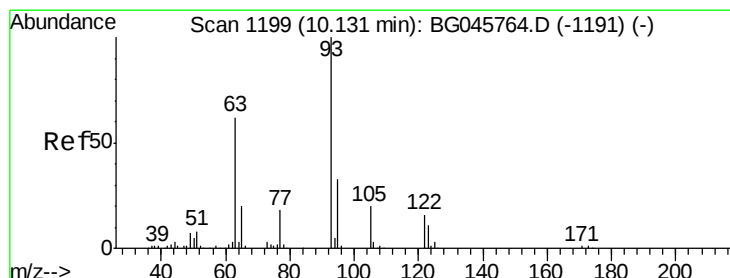
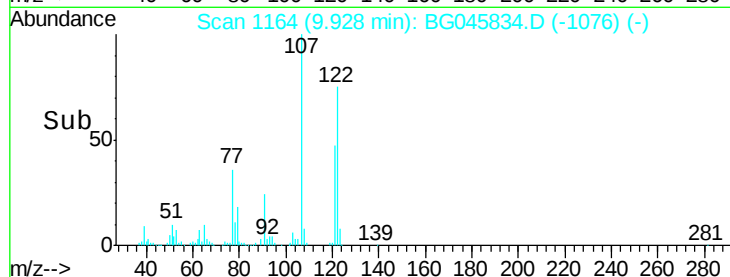
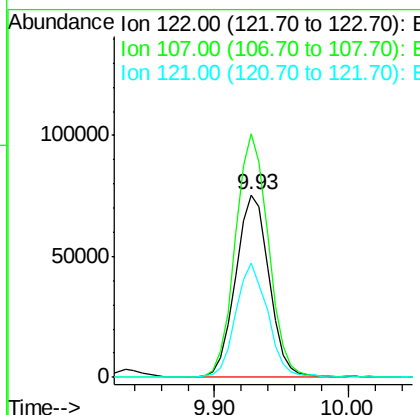
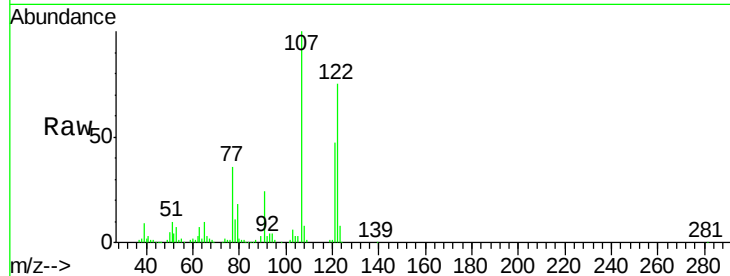
#27
 2,4-Dimethylphenol
 Concen: 46.030 ng
 RT: 9.93 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BG045834.D
 Acq: 23 Jun 2020 10:46

Instrument :
 BNA_G
 ClientSampleId :
 PB129662BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	133.2	101.3	151.9
121	62.4	43.9	65.9

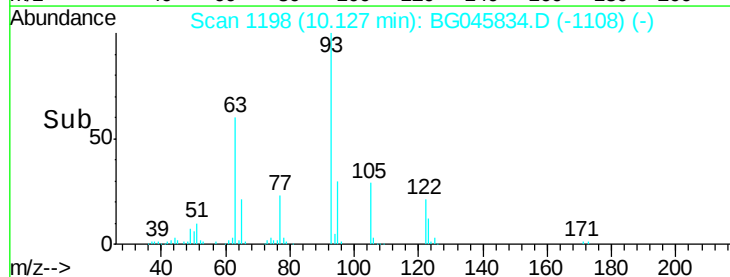
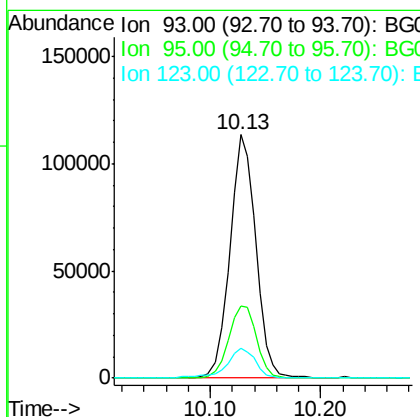
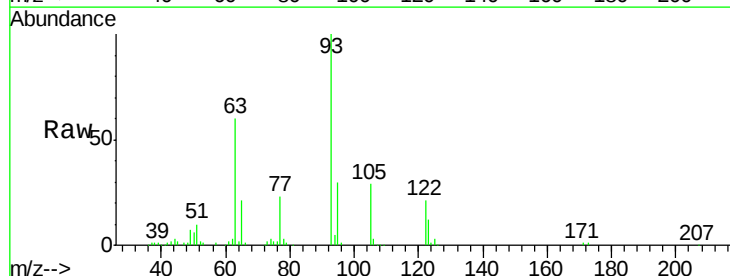
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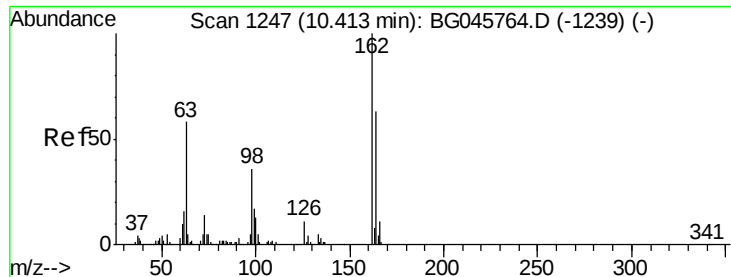
mohammad
 6/24/2020 11:00:07 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.058 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG045834.D
 Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.8	26.3	39.5
123	12.0	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 44.362 ng

RT: 10.40 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Instrument :

BNA_G

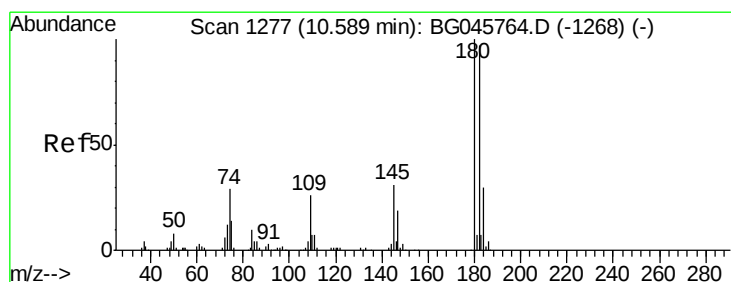
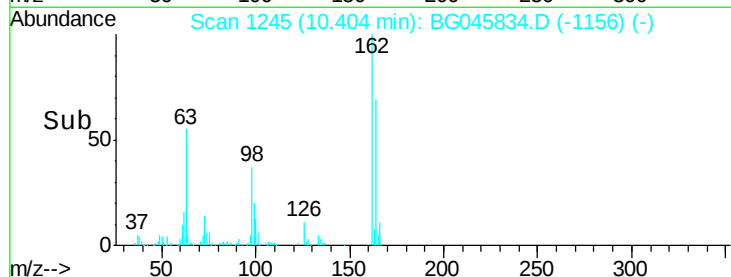
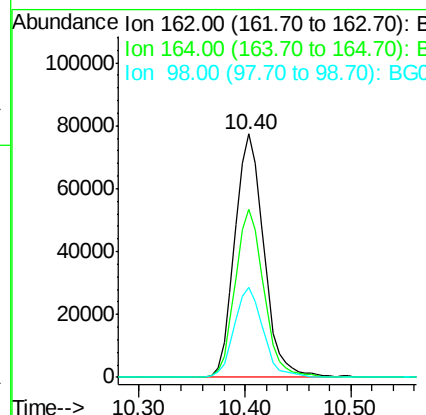
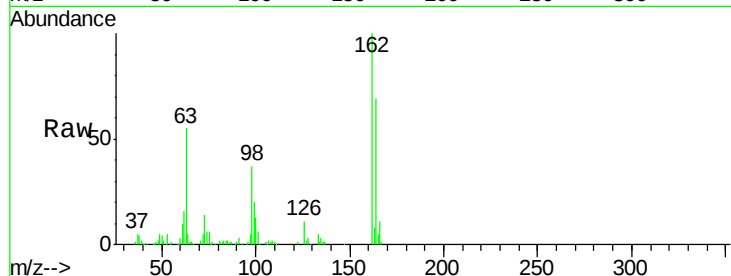
ClientSampleId :

PB129662BSD

Tot Ion:	162	Resp:	147452
Ion Ratio	Lower	Upper	
162	100		
164	69.1	43.3	83.3
98	37.2	15.5	55.5

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#30

1,2,4-Trichlorobenzene

Concen: 42.658 ng

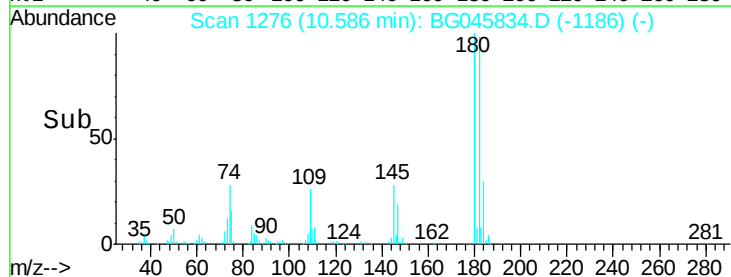
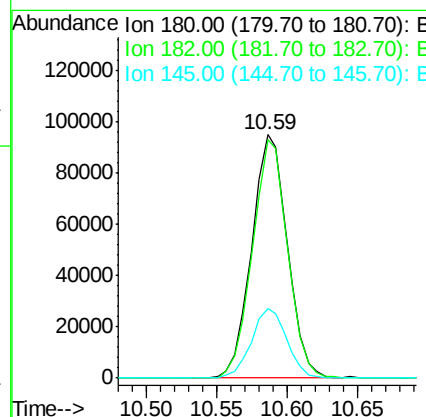
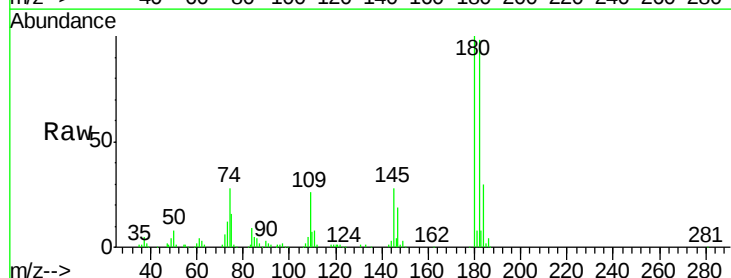
RT: 10.59 min Scan# 1276

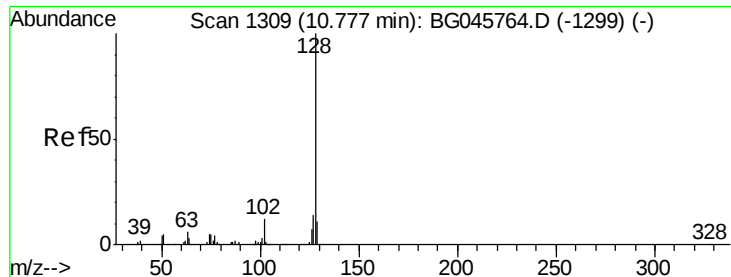
Delta R.T. -0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Tgt Ion:	180	Resp:	167854
Ion Ratio	Lower	Upper	
180	100		
182	97.9	77.8	116.6
145	28.5	24.5	36.7





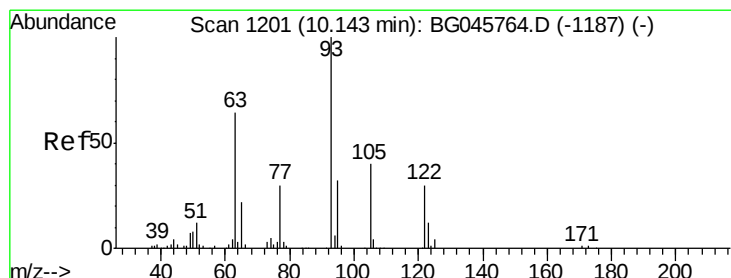
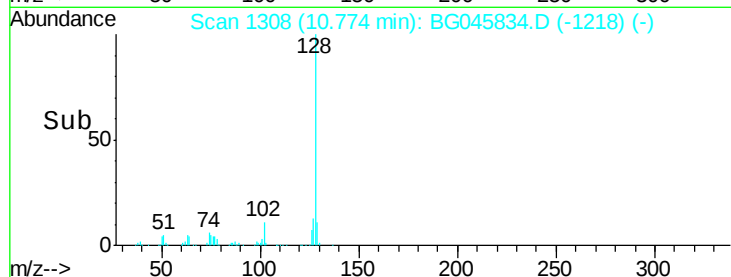
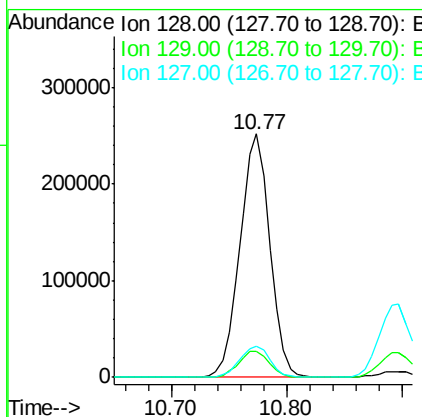
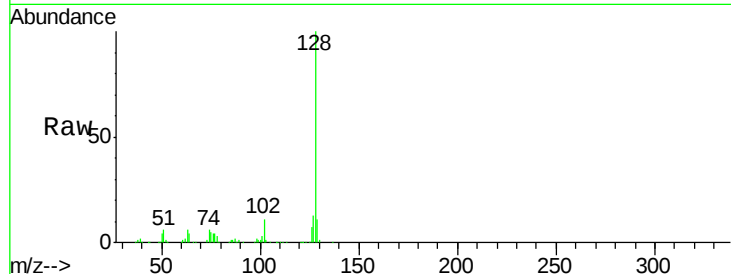
#31
Naphthalene
Concen: 42.980 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	12.9	10.9	16.3

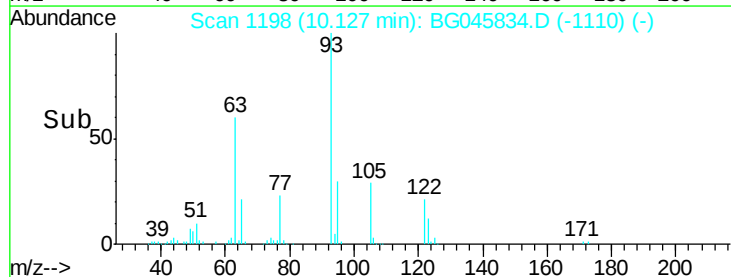
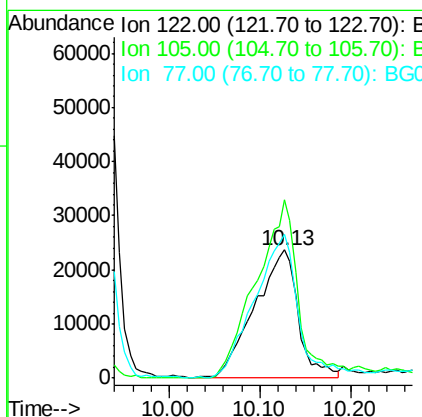
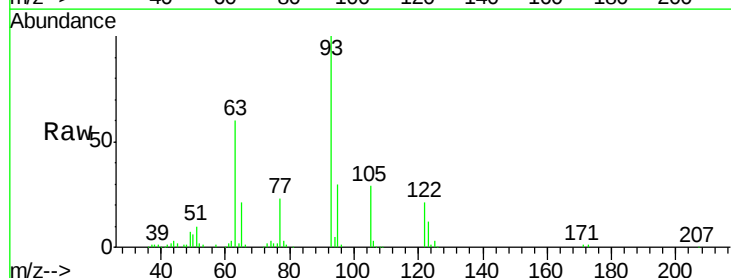
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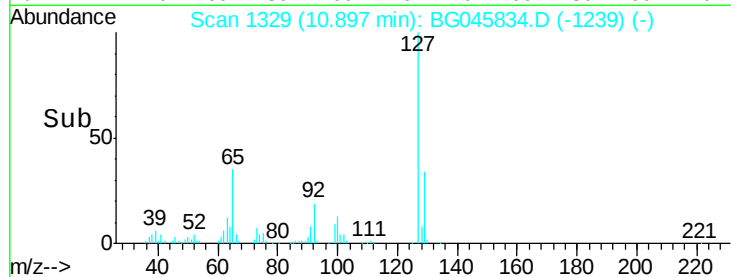
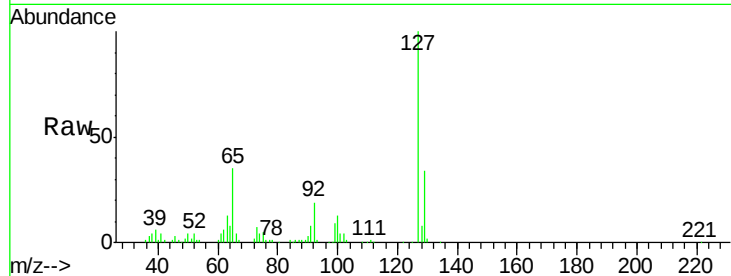
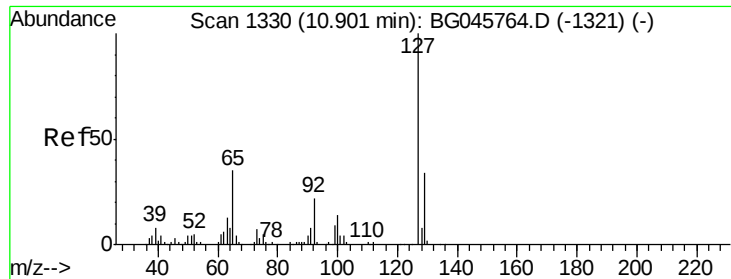
mohammad
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#32
Benzoic acid
Concen: 43.639 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.2	112.9	152.9
77	112.0	79.2	119.2





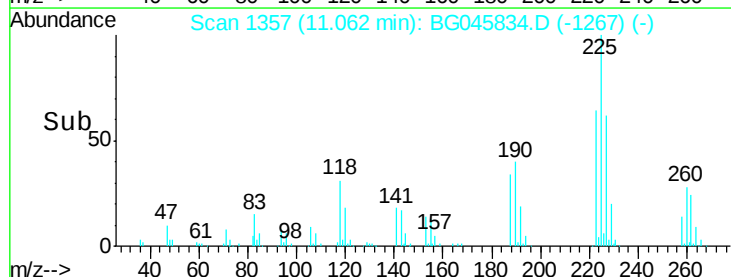
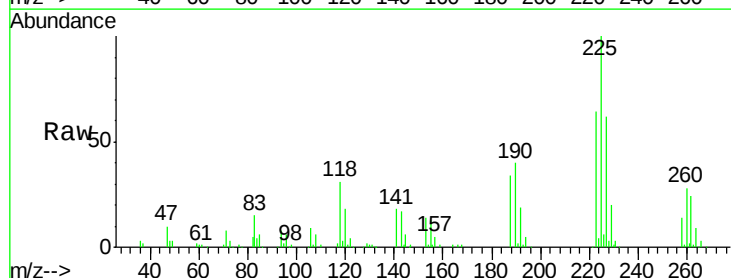
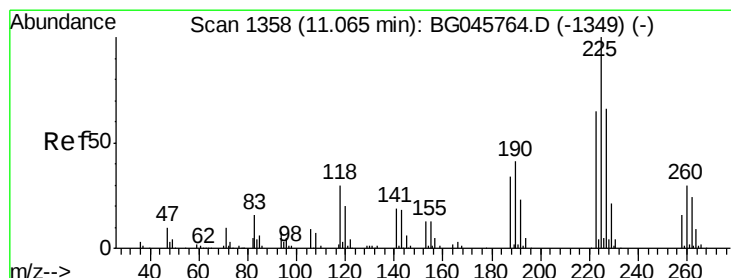
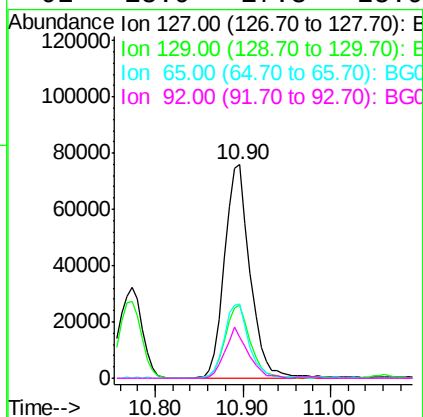
#33
4-Chloroaniline
Concen: 34.868 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.0	26.8	40.2	
65	34.5	27.8	41.8	
92	18.9	17.3	25.9	

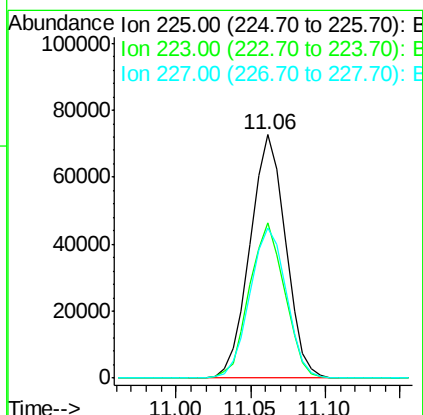
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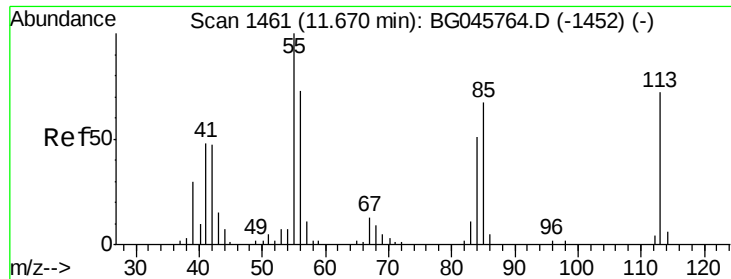
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#34
Hexachlorobutadiene
Concen: 42.730 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	52.0	78.0	
227	61.6	52.5	78.7	





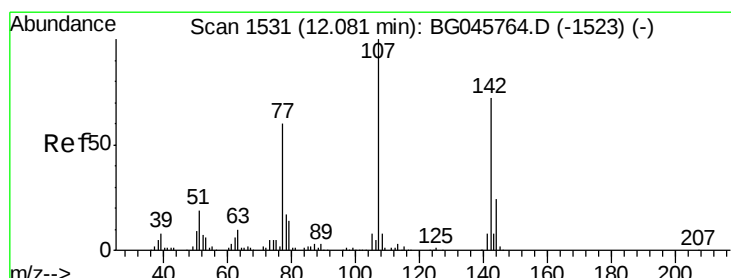
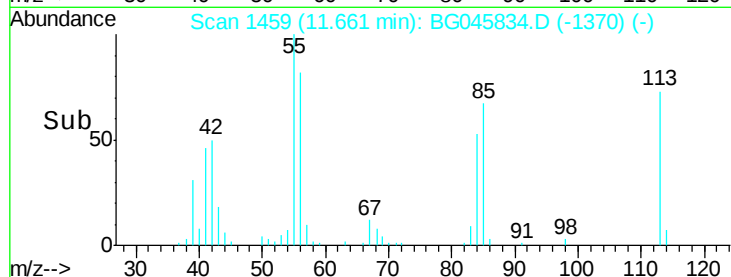
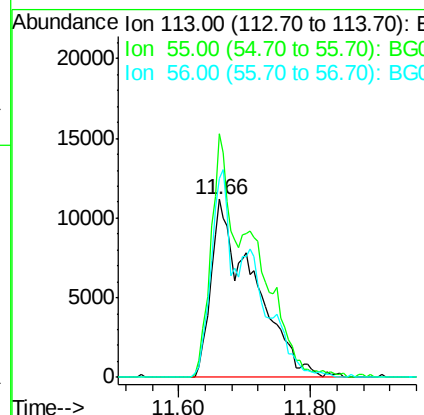
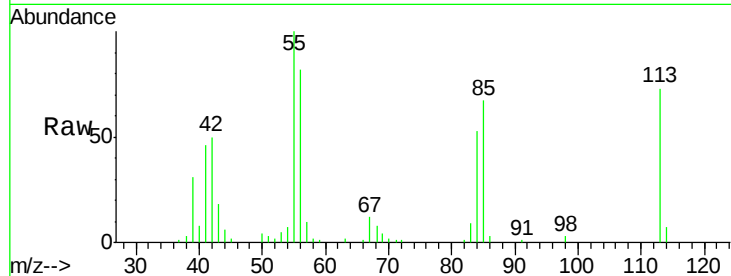
#35
Caprolactam
Concen: 46.581 ng/ml
RT: 11.66 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

Tot Ion: 113 Resp: 50102
Ion Ratio Lower Upper
113 100
55 136.9 119.7 159.7
56 112.1 82.5 122.5

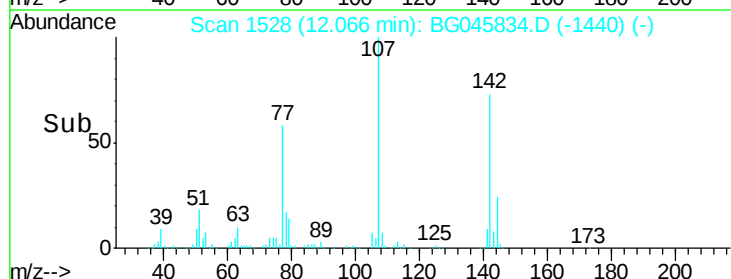
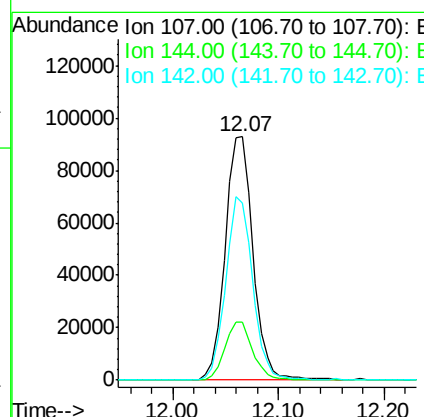
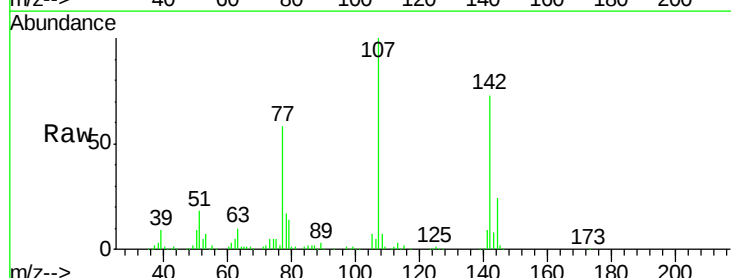
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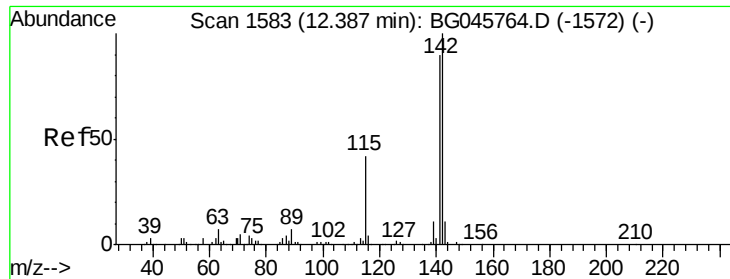
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#36
4-Chloro-3-methylphenol
Concen: 44.357 ng/ml
RT: 12.07 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tgt Ion: 107 Resp: 170232
Ion Ratio Lower Upper
107 100
144 23.9 19.5 29.3
142 72.9 57.4 86.0





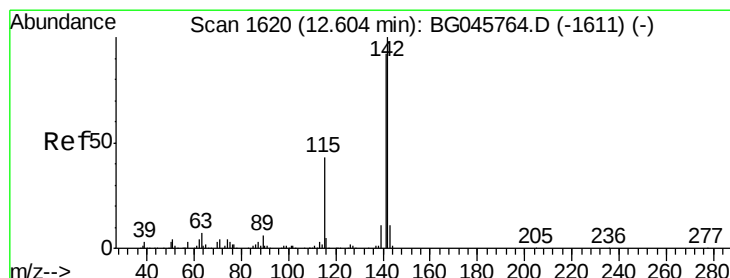
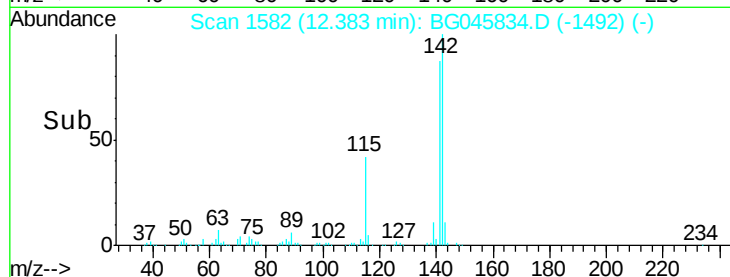
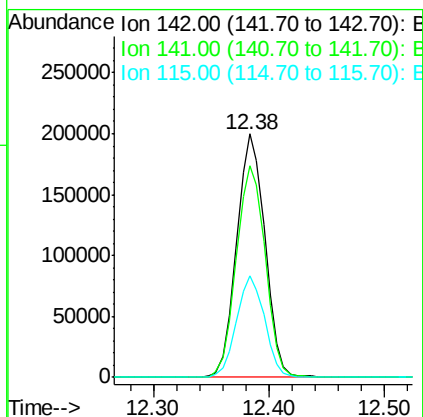
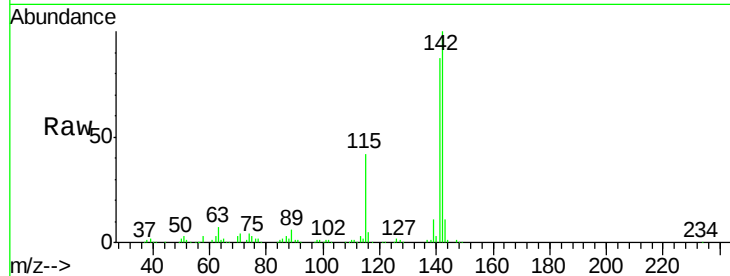
#37
2-Methylnaphthalene
Concen: 43.402 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	71.7	107.5
115	41.7	33.8	50.6

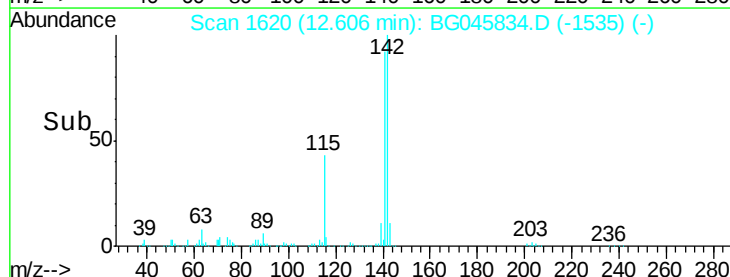
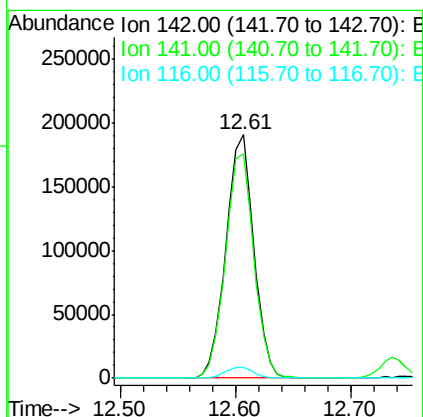
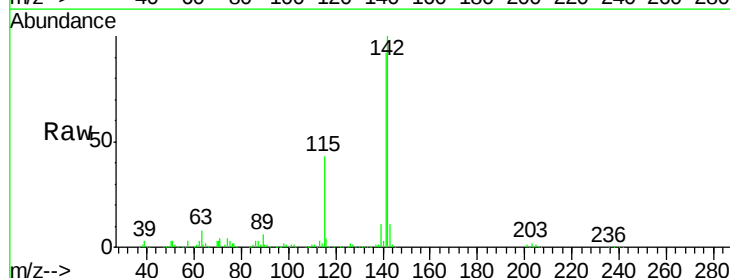
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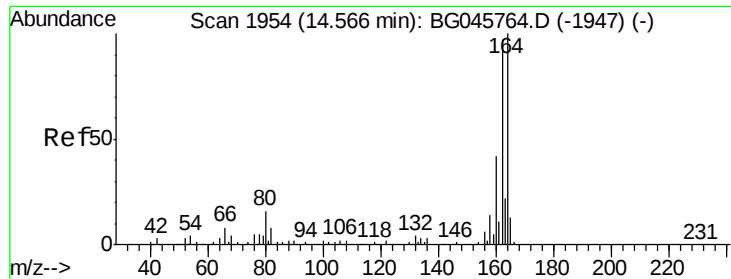
mohammad
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#38
1-Methylnaphthalene
Concen: 43.122 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.8	110.8
116	4.4	3.8	5.8





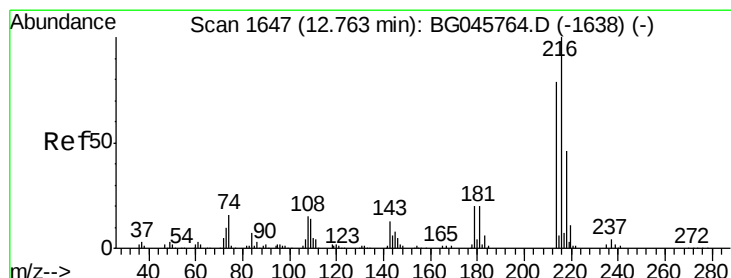
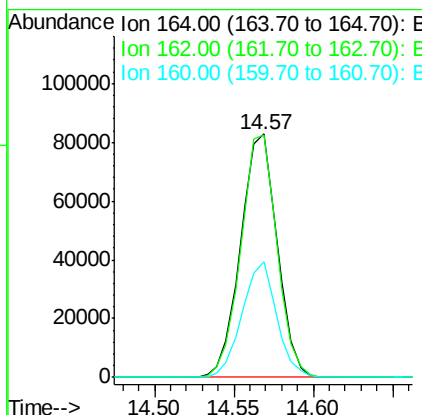
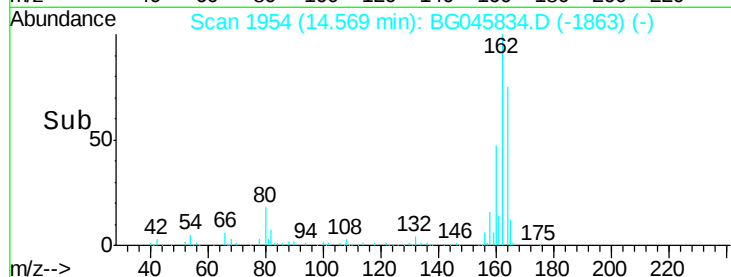
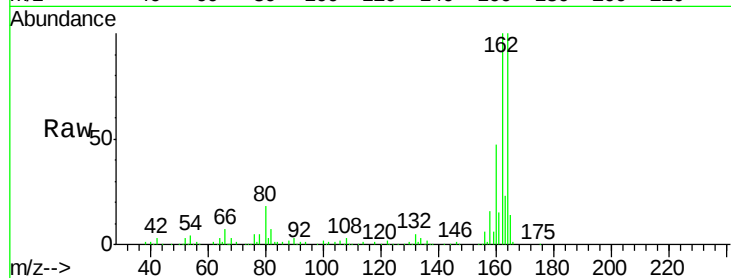
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	77.4	116.0
160	47.4	33.3	49.9

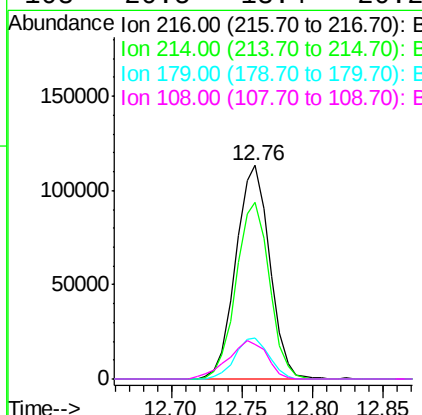
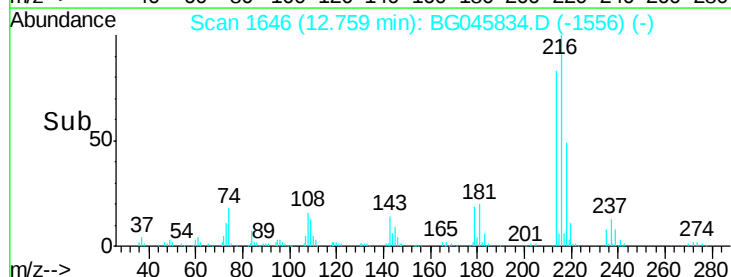
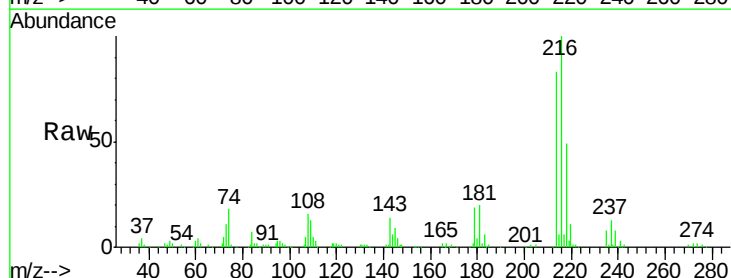
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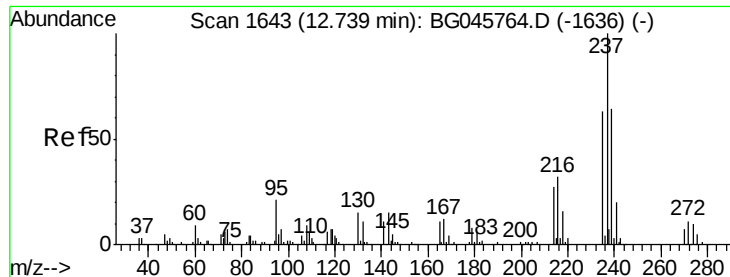
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.528 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.4	62.8	94.2
179	19.3	16.2	24.4
108	20.5	13.4	20.2#





#41

Hexachlorocyclopentadiene

Concen: 94.461 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Instrument :

BNA_G

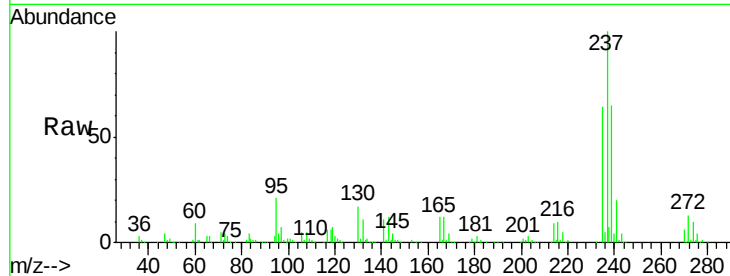
ClientSampleId :

PB129662BSD

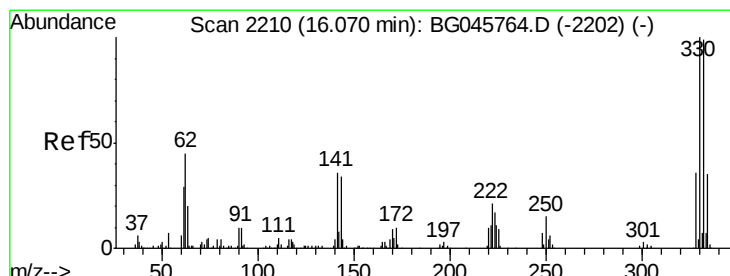
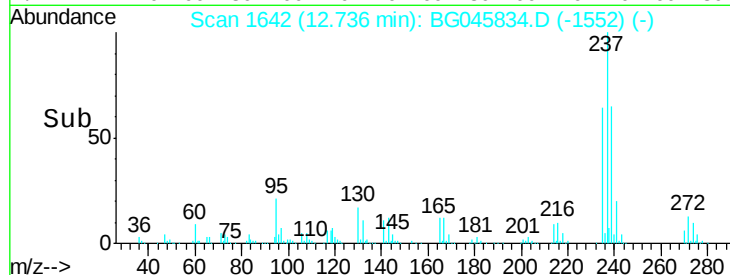
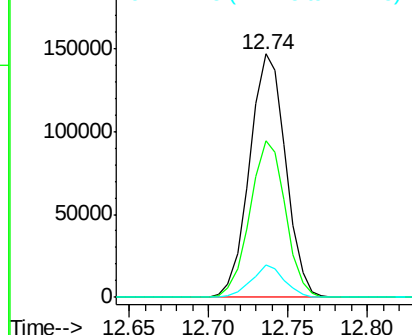
Tot Ion:	237	Resp:	231454
Ion Ratio	Lower	Upper	
237	100		
235	64.1	42.9	82.9
272	13.2	0.0	30.9

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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: 133.698 ng

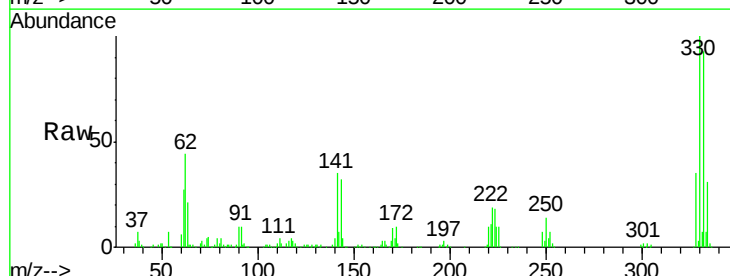
RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

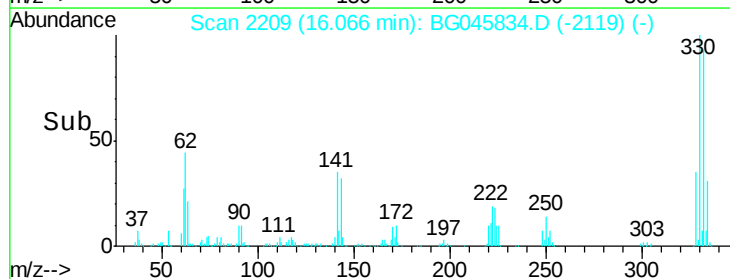
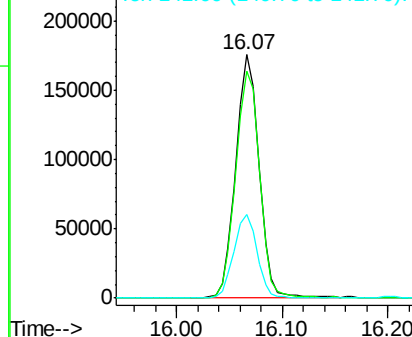
Lab File: BG045834.D

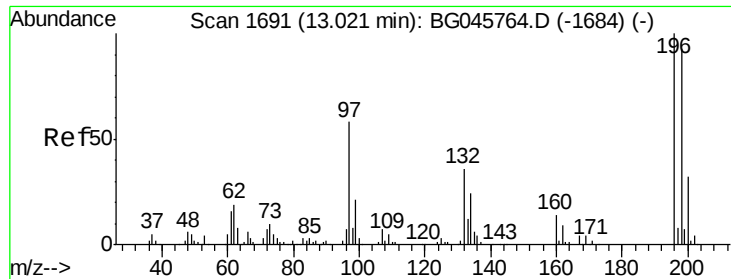
Acq: 23 Jun 2020 10:46

Tgt Ion:	330	Resp:	267115
Ion Ratio	Lower	Upper	
330	100		
332	96.0	78.6	117.8
141	34.9	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





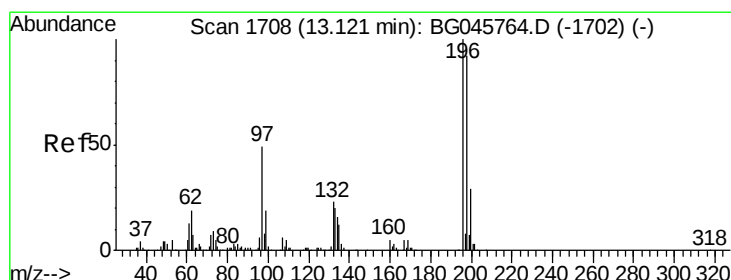
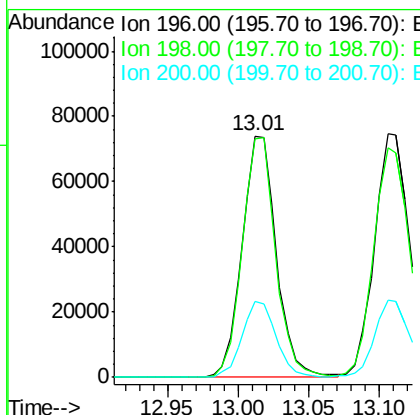
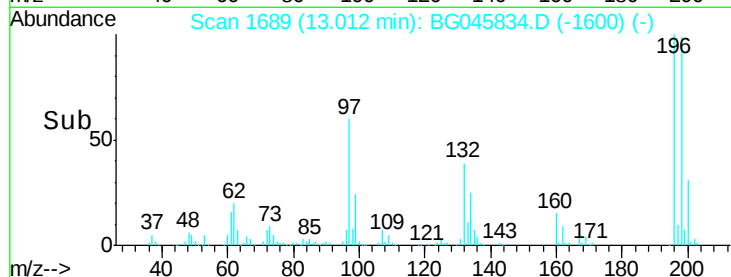
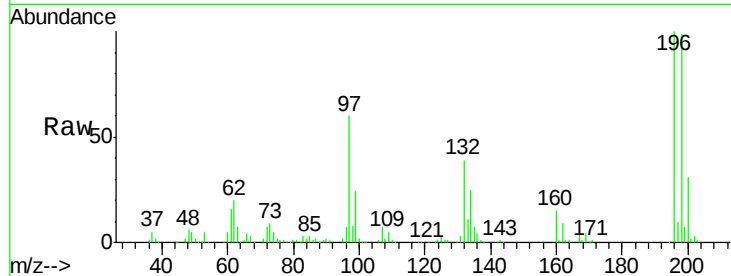
#43
 2,4,6-Trichlorophenol
 Concen: 42.591 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG045834.D
 Acq: 23 Jun 2020 10:46

Instrument :
 BNA_G
 ClientSampleID :
 PB129662BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.2	74.4	111.6
200	31.4	25.4	38.2

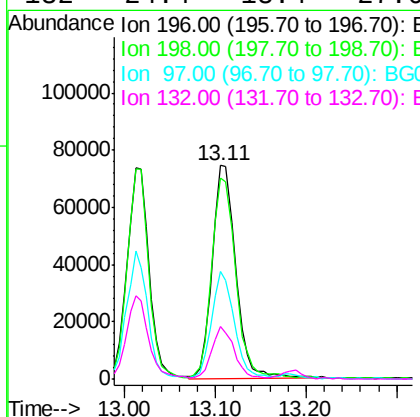
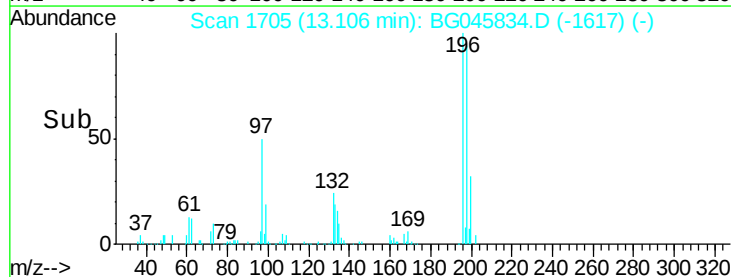
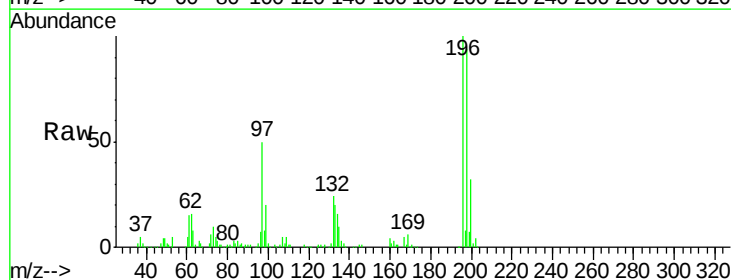
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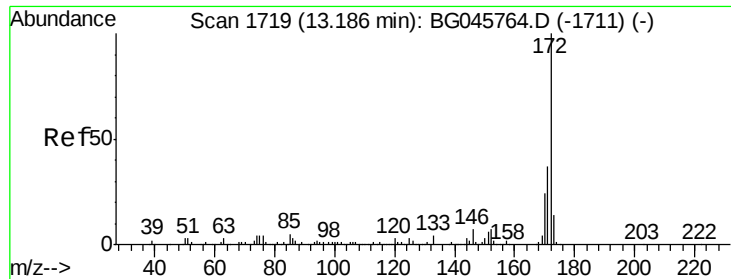
mohammad
 6/24/2020 11:00:07 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.082 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG045834.D
 Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	74.0	111.0
97	50.2	39.0	58.6
132	24.4	18.4	27.6





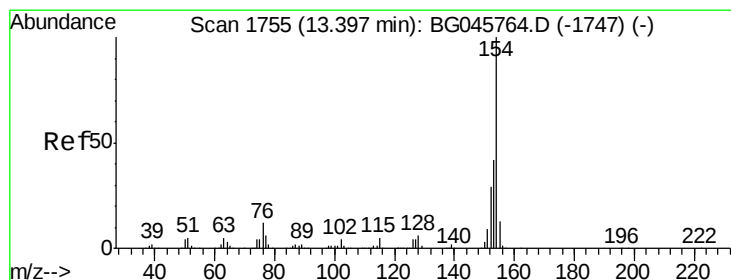
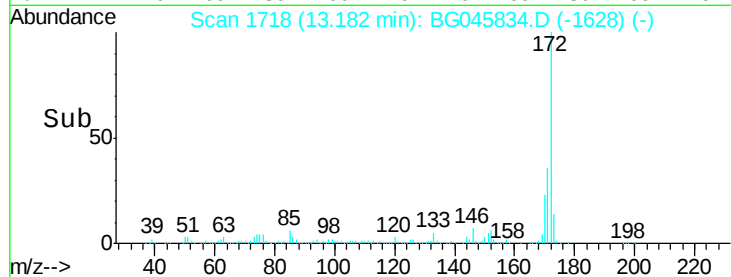
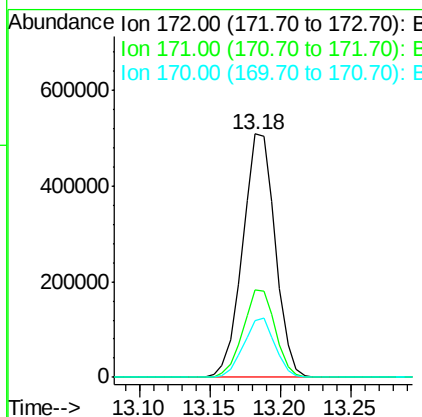
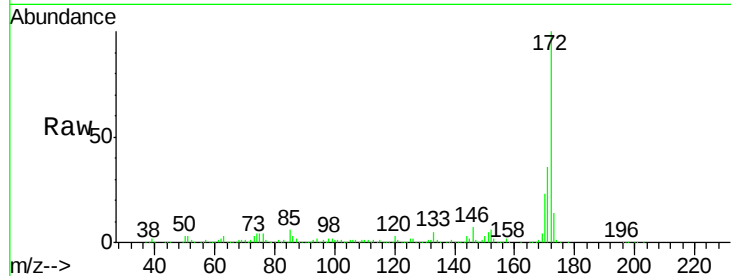
#45
2-Fluorobiphenyl
Concen: 91.321 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.9	44.9
170	23.3	19.3	28.9

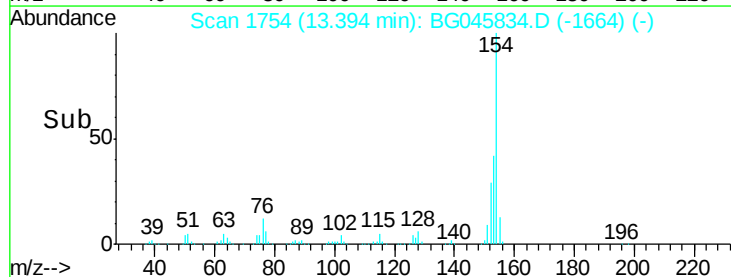
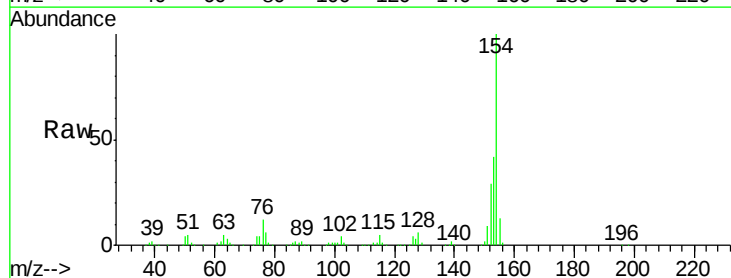
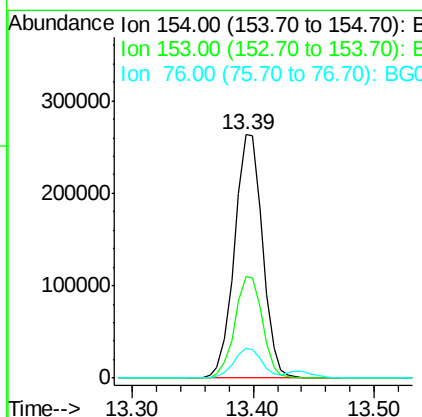
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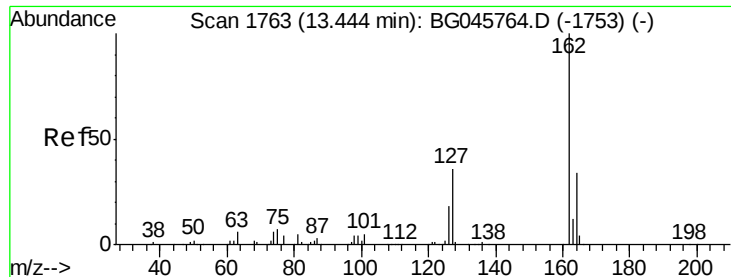
mohammad
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#46
1,1'-Biphenyl
Concen: 44.860 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.7	61.7
76	12.1	0.0	32.0





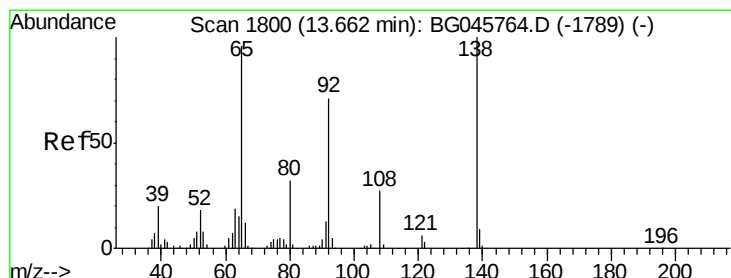
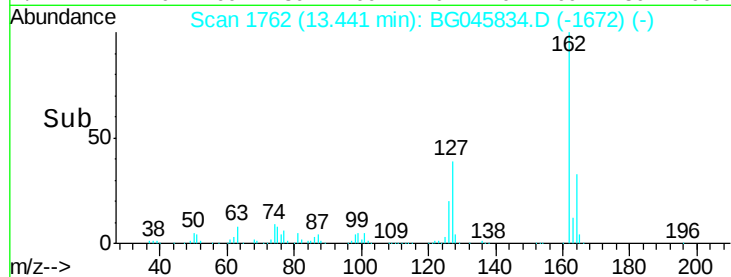
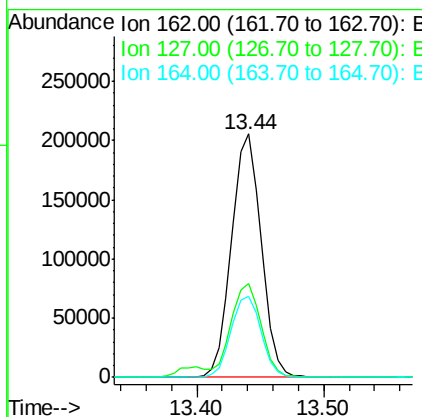
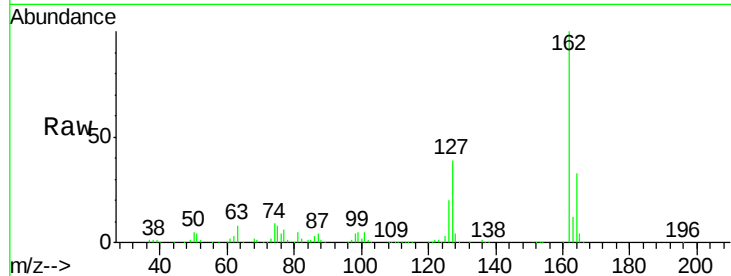
#47
 2-Chloronaphthalene
 Concen: 43.473 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG045834.D
 Acq: 23 Jun 2020 10:46

Instrument :
 BNA_G
 ClientSampleId :
 PB129662BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	332712		
127	38.7		30.5	45.7
164	33.2		27.2	40.8

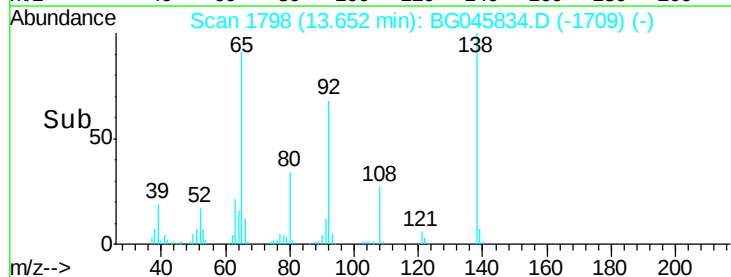
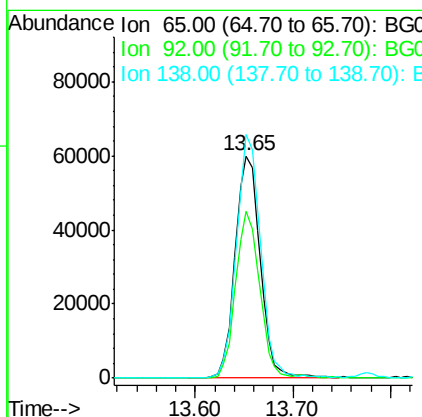
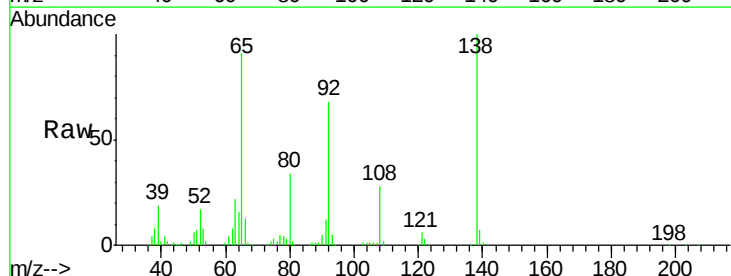
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#48
 2-Nitroaniline
 Concen: 42.171 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG045834.D
 Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	107356		
92	75.0		59.0	88.6
138	109.5		83.6	125.4





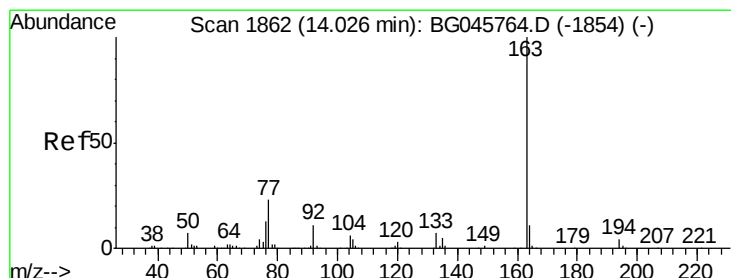
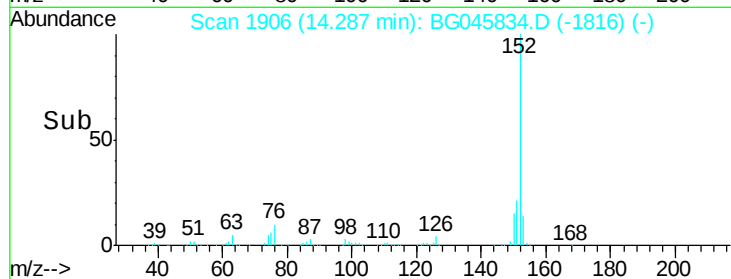
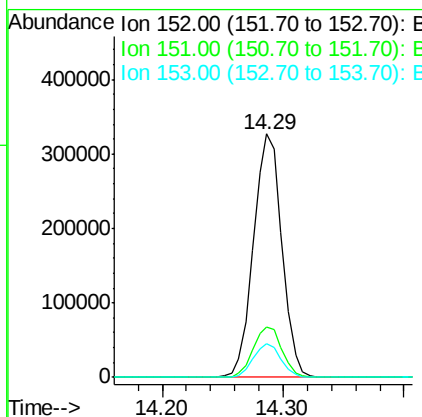
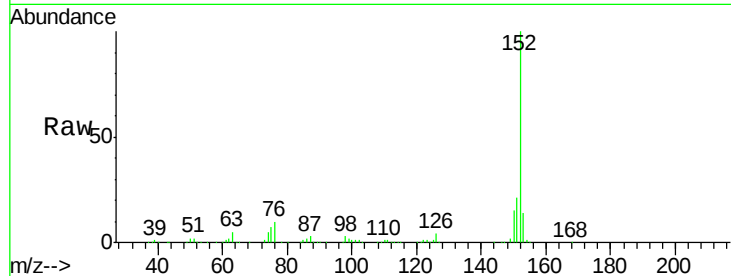
#49
Acenaphthylene
Concen: 43.574 ng
RT: 14.29 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.0	25.4
153	14.0	10.6	15.8

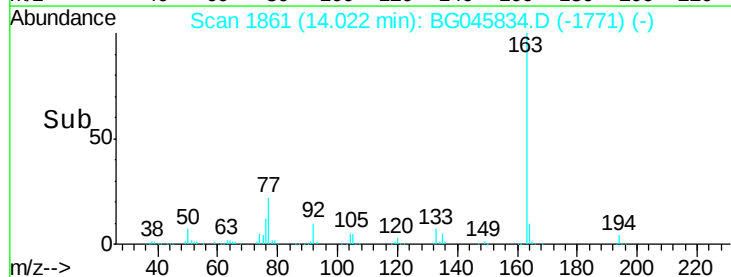
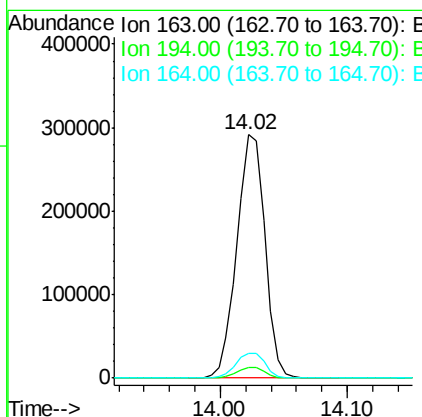
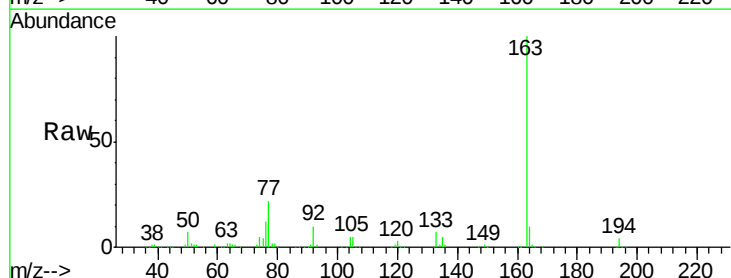
Manual Integrations
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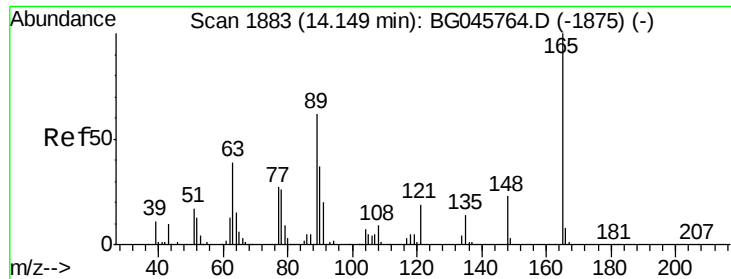
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#50
Dimethylphthalate
Concen: 43.101 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.1	8.9	13.3





#51

2,6-Dinitrotoluene

Concen: 43.163 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Instrument :

BNA_G

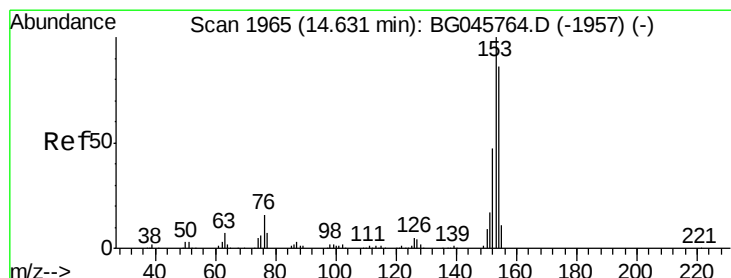
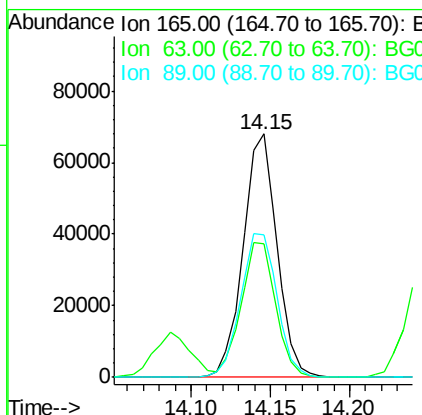
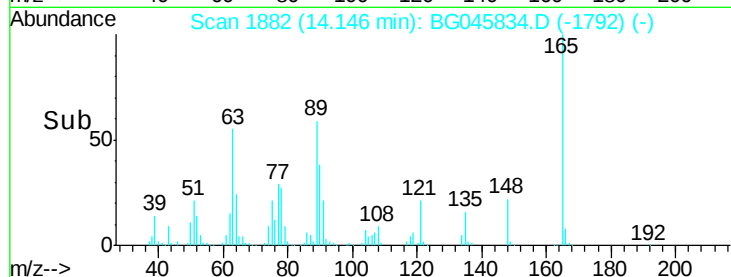
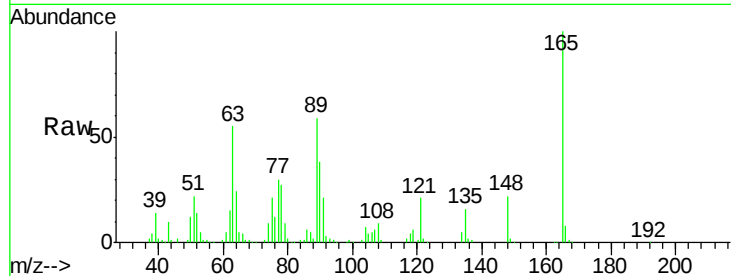
ClientSampleId :

PB129662BSD

Tot Ion:	165	Resp:	100504
Ion Ratio	Lower	Upper	
165	100		
63	54.9	41.2	61.8
89	58.7	49.7	74.5

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#52

Acenaphthene

Concen: 43.537 ng

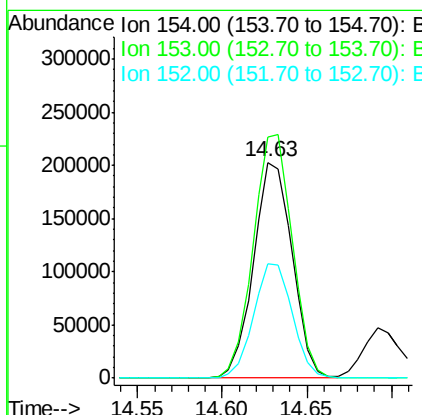
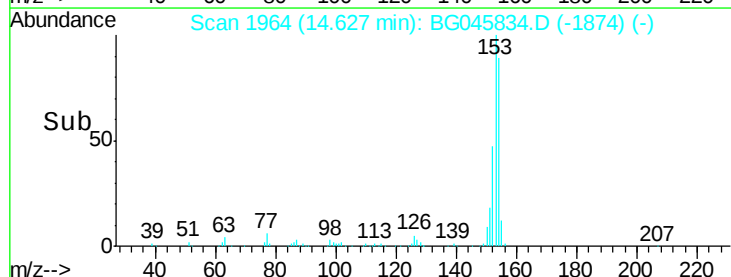
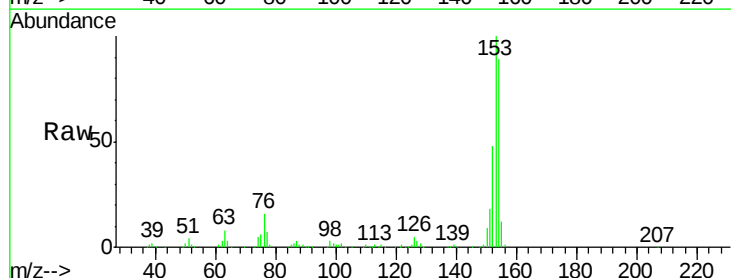
RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Tgt Ion:	154	Resp:	323499
Ion Ratio	Lower	Upper	
154	100		
153	111.8	93.0	139.4
152	53.2	43.7	65.5





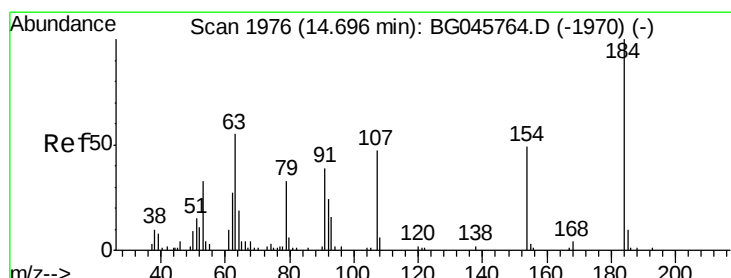
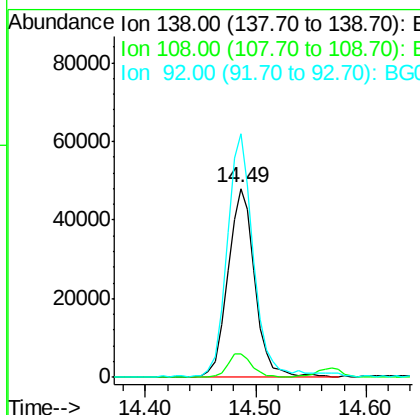
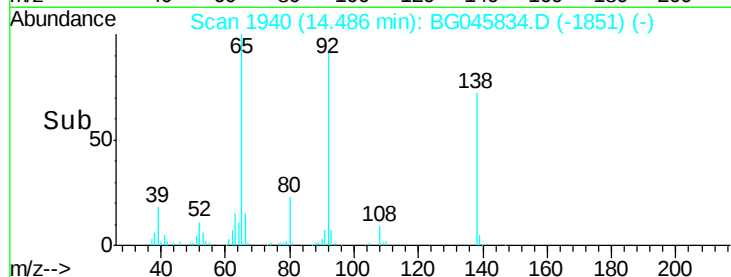
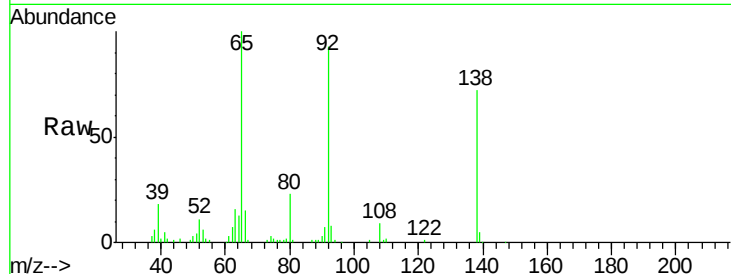
#53
3-Nitroaniline
Concen: 35.389 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

Tot Ion:138 Resp: 82307
Ion Ratio Lower Upper
138 100
108 12.7 8.4 12.6#
92 128.7 95.6 143.4

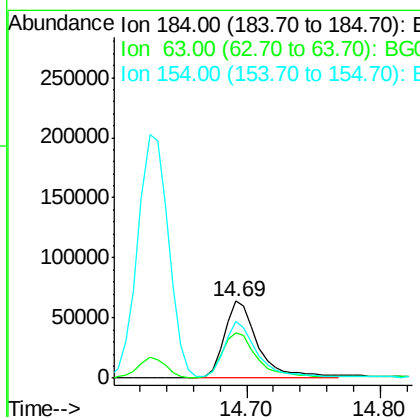
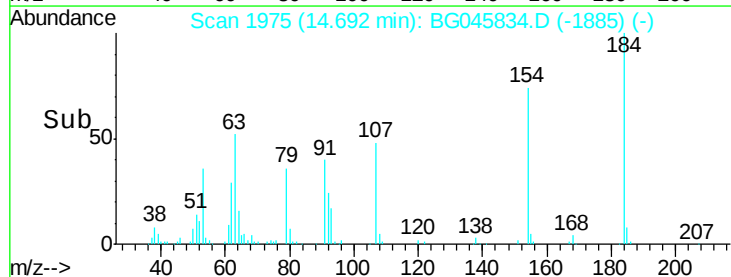
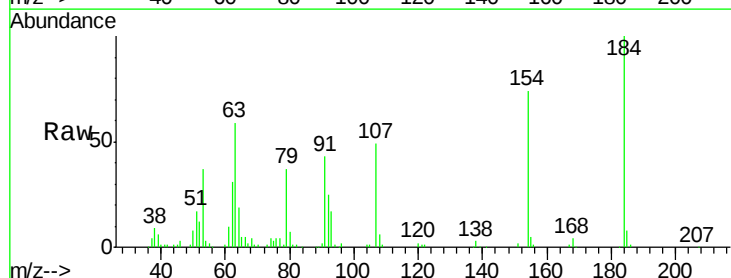
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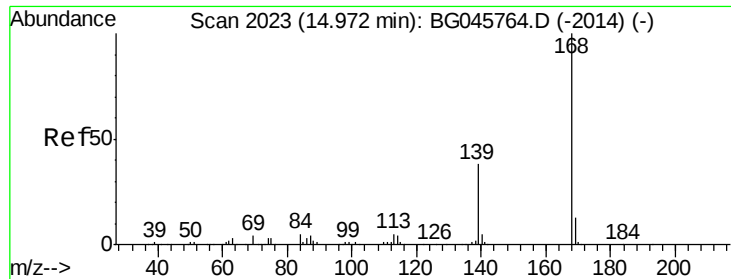
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#54
2,4-Dinitrophenol
Concen: 87.333 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tgt Ion:184 Resp: 114433
Ion Ratio Lower Upper
184 100
63 59.2 46.6 70.0
154 73.5 58.6 87.8





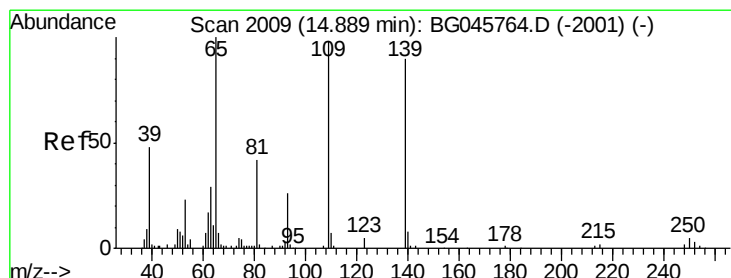
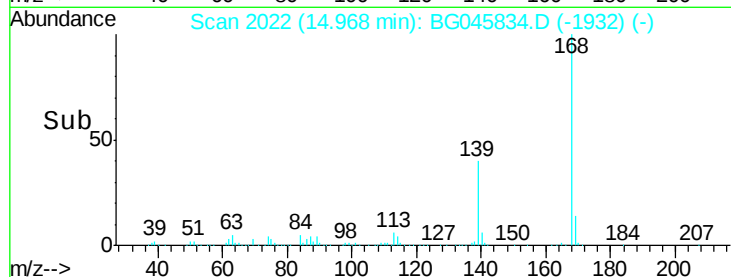
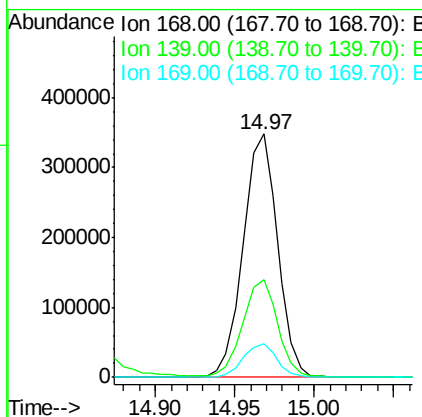
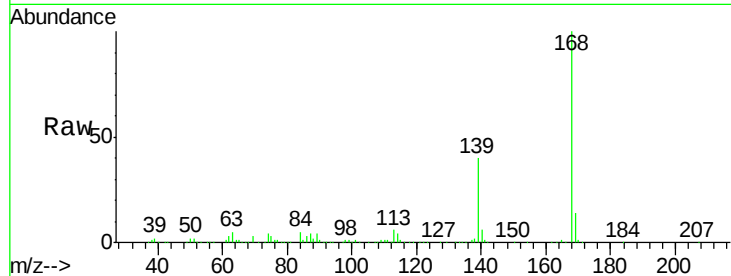
#55
Dibenzenofuran
Concen: 43.551 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	31.8	47.6
169	13.6	10.4	15.6

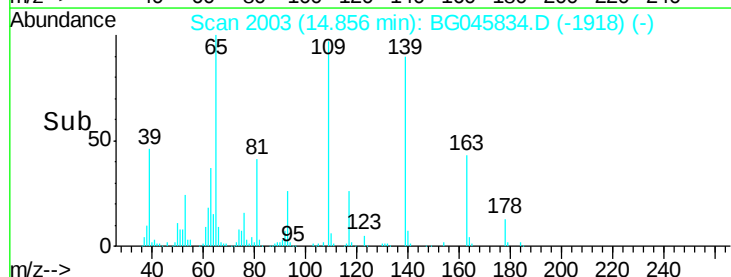
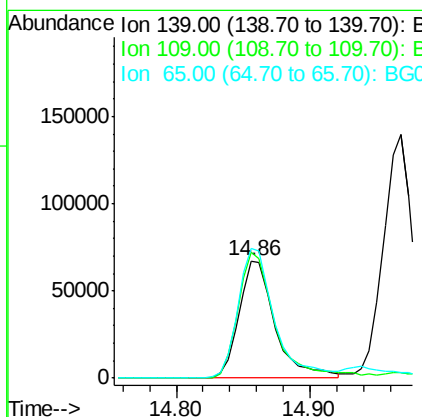
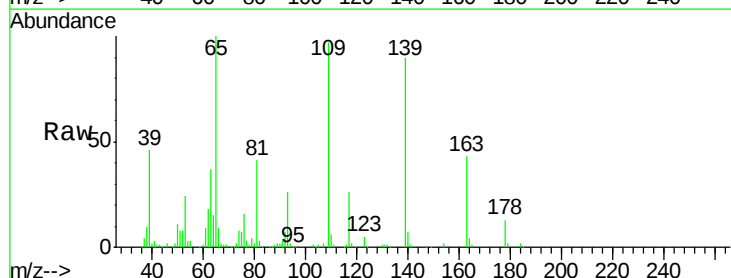
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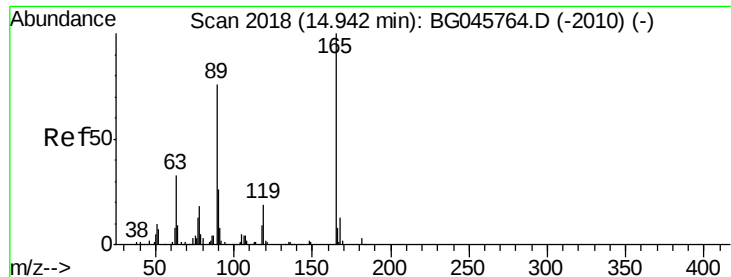
mohammad
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#56
4-Nitrophenol
Concen: 75.277 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	107.2	88.9	128.9
65	110.6	92.3	132.3





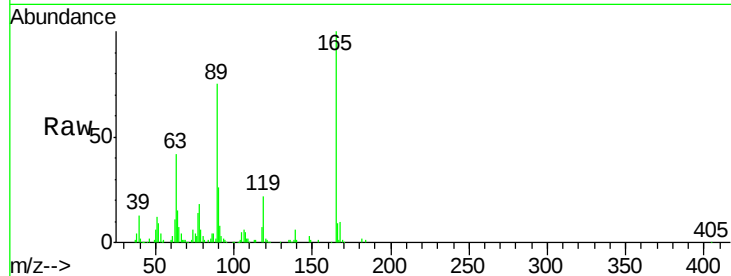
#57
2,4-Dinitrotoluene
Concen: 43.109 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	42.1	33.8	50.8
89	74.8	60.4	90.6
182	2.5	2.6	3.8#

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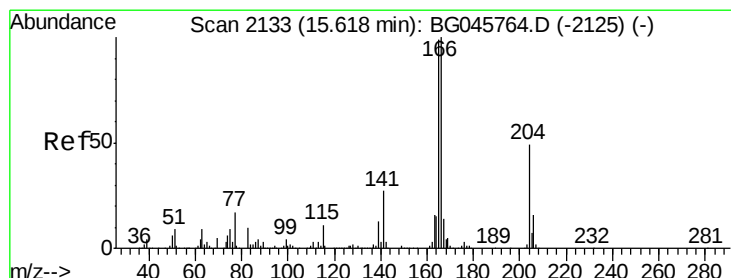
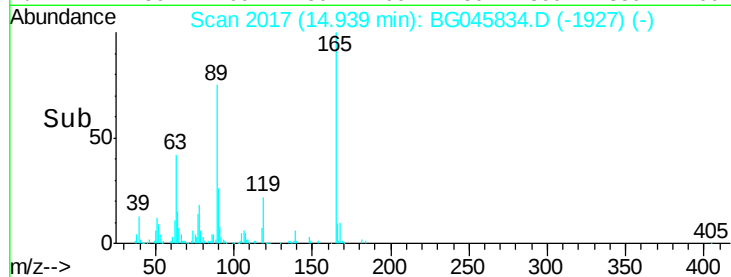
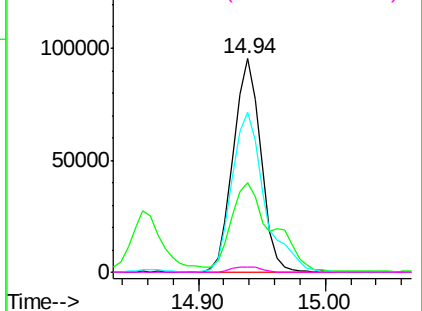


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



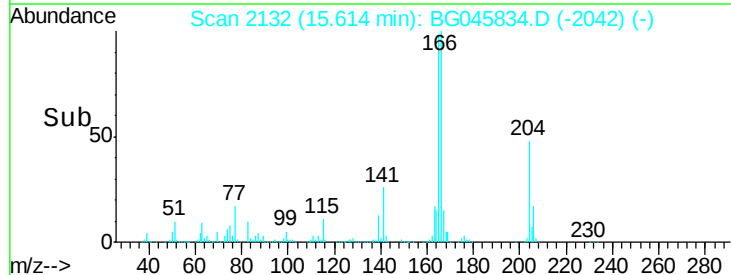
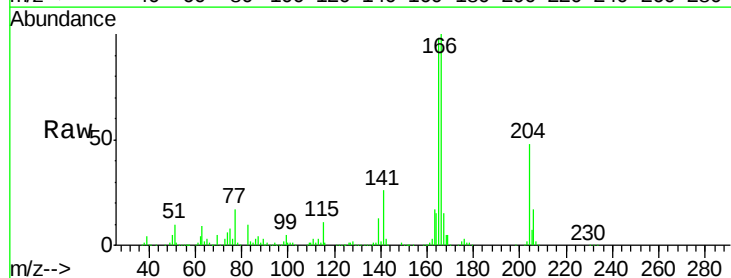
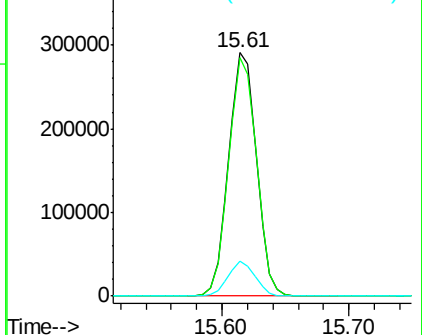
#58
Fluorene
Concen: 43.867 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

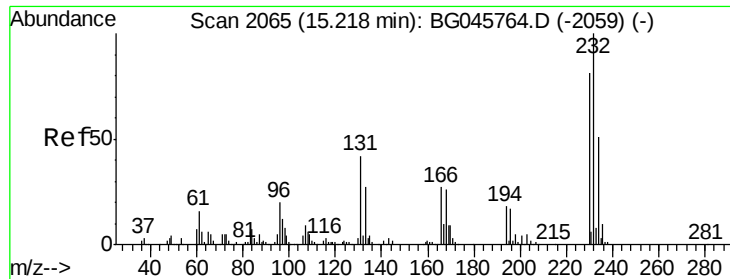
Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.2	79.1	118.7
167	14.6	11.5	17.3

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





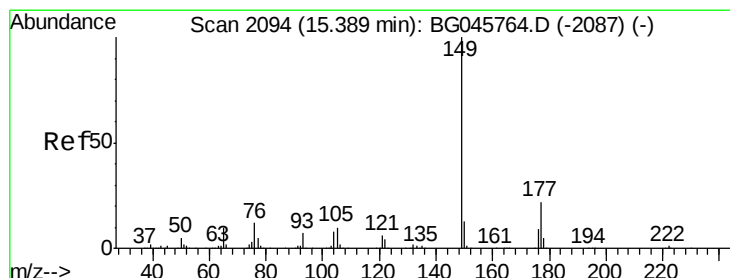
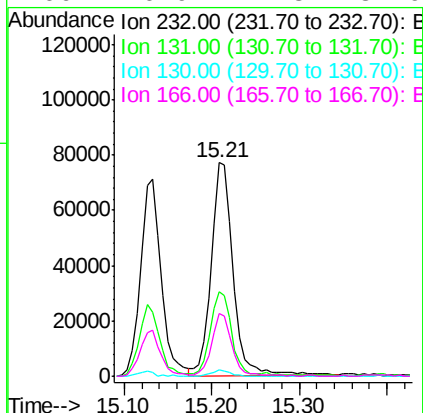
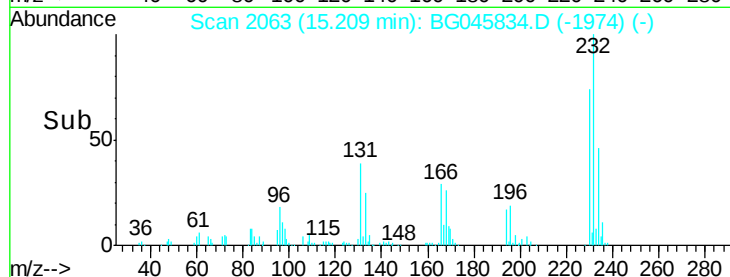
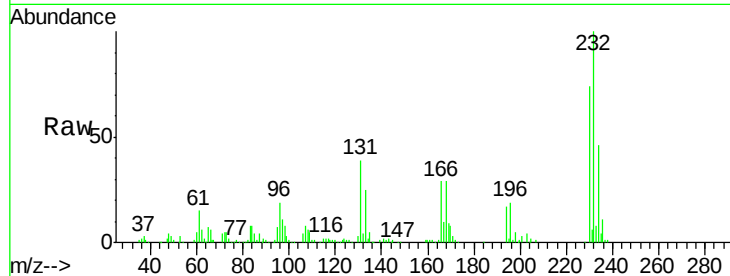
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.370 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.2	32.2	48.2
130	2.3	2.2	3.4
166	26.9	21.3	31.9

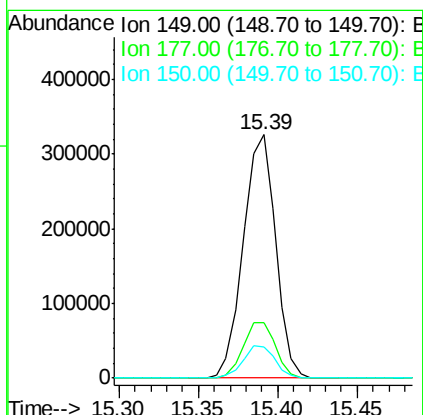
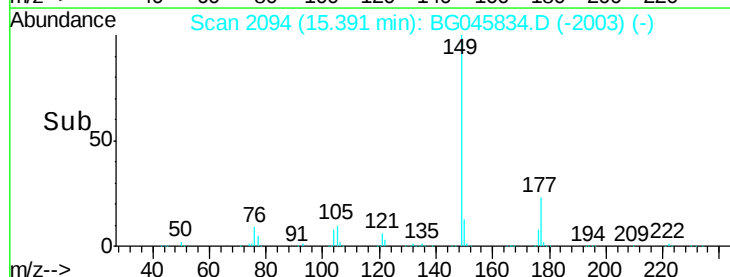
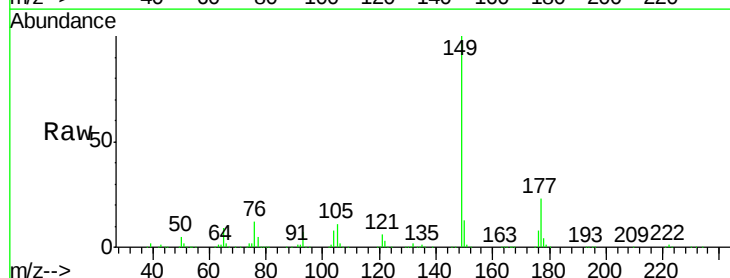
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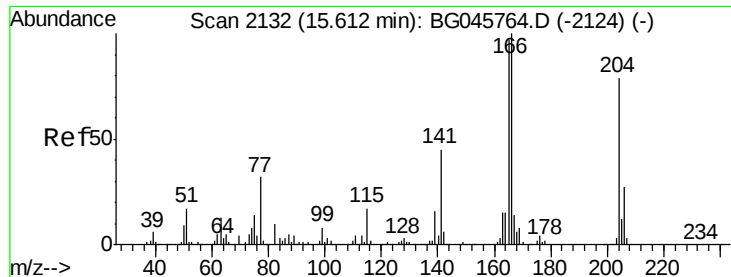
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#60
Diethylphthalate
Concen: 43.457 ng
RT: 15.39 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.2	25.8
150	12.9	10.7	16.1





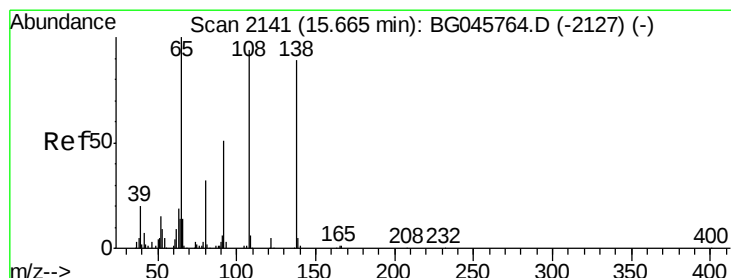
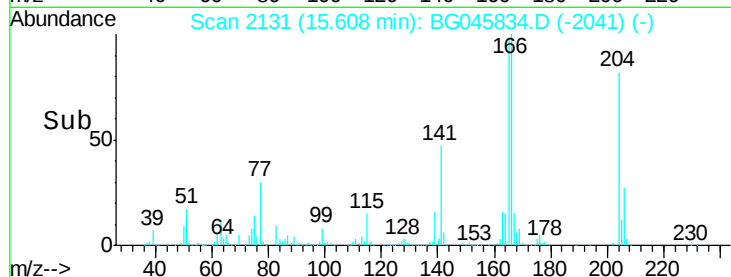
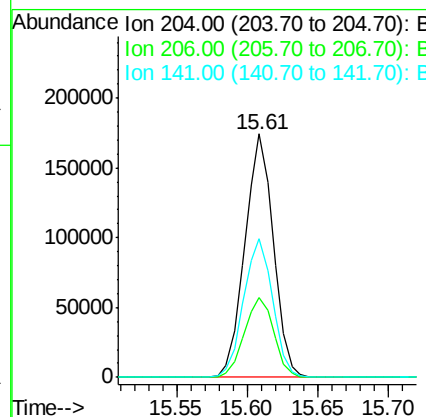
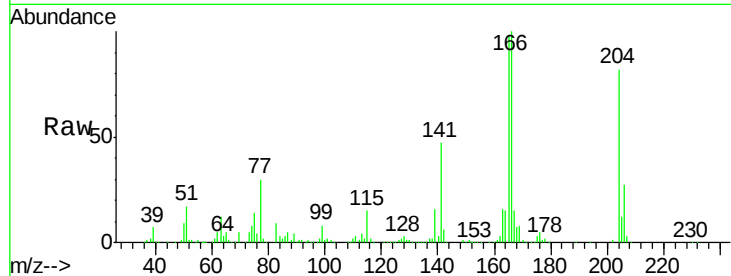
#61
4-Chlorophenyl-phenylether
Concen: 42.568 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	27.2	40.8
141	57.1	45.9	68.9

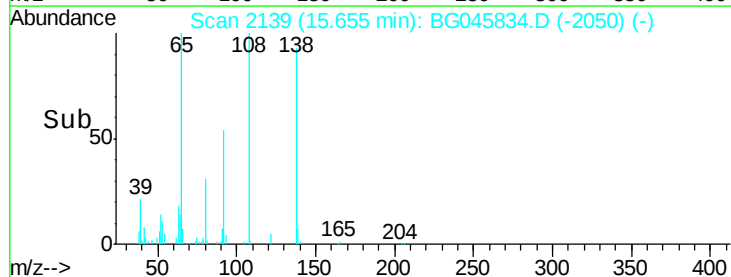
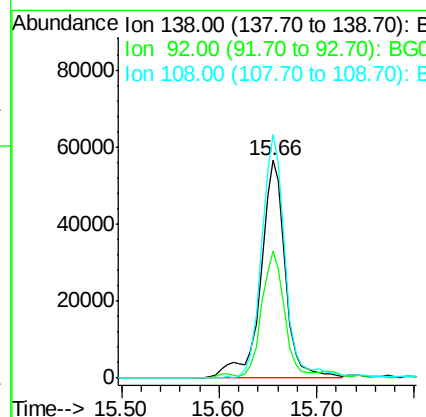
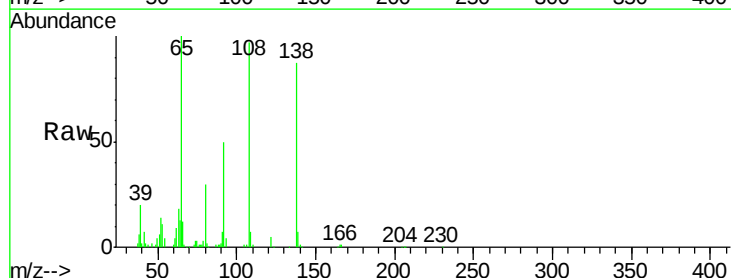
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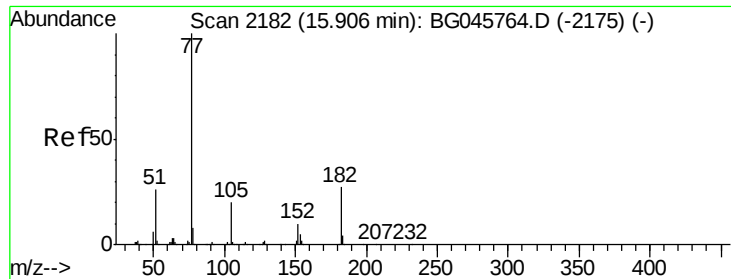
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#62
4-Nitroaniline
Concen: 42.148 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.1	37.3	77.3
108	111.7	85.0	125.0





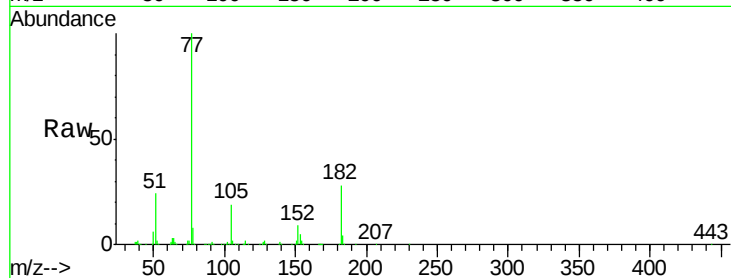
#63
Azobenzene
Concen: 43.580 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

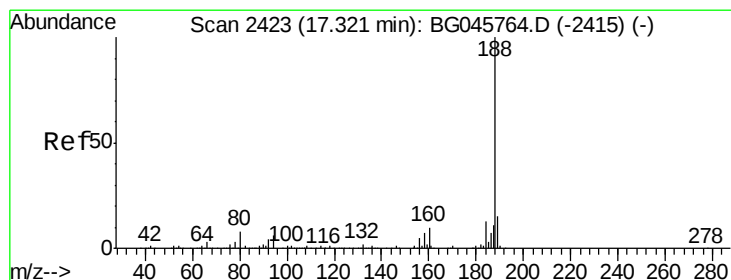
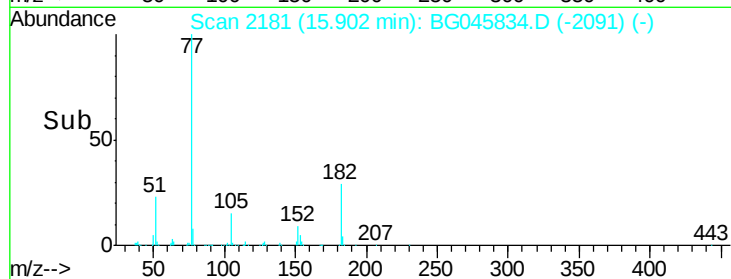
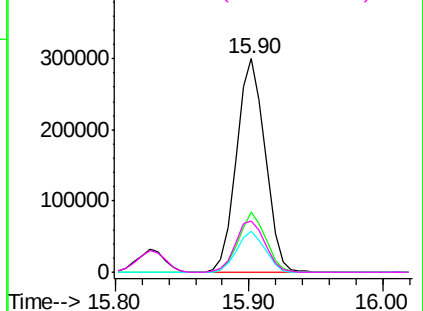
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		443472		
182	28.3	7.4	47.4		
105	19.3	0.1	40.1		
51	23.9	5.7	45.7		

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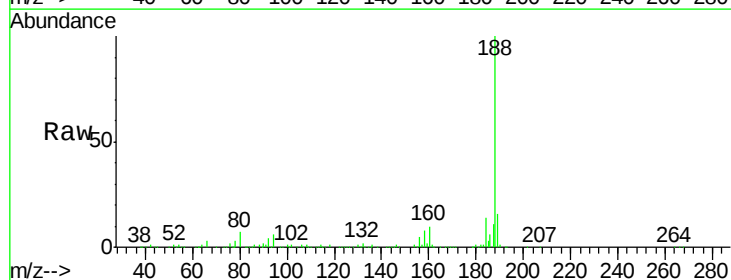


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

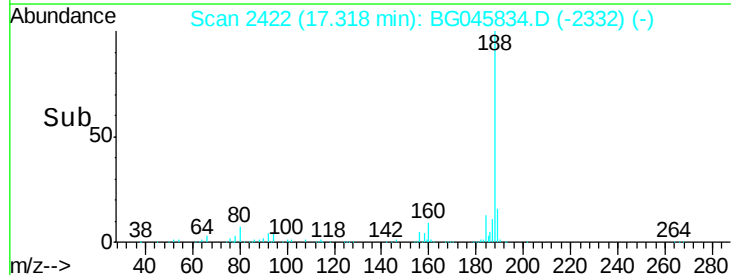
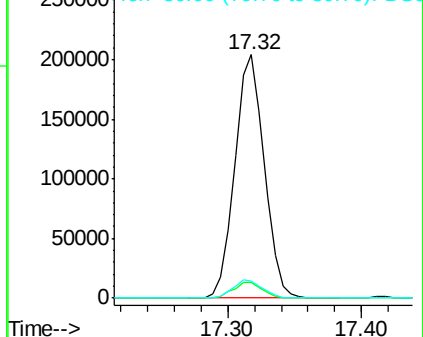


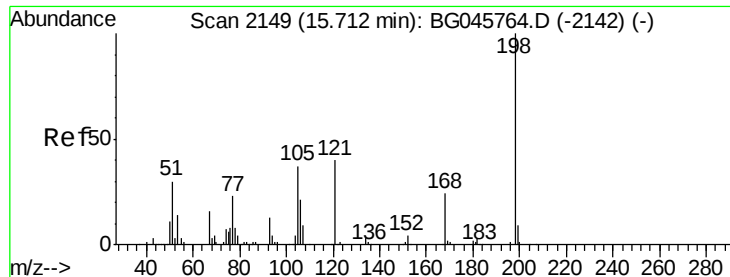
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		311491		
94	6.3	5.1	7.7		
80	7.2	6.2	9.4		



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 47.657 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Instrument :

BNA_G

ClientSampleId :

PB129662BSD

Tot Ion:198 Resp: 91740

Ion Ratio Lower Upper

198 100

51 35.7 14.6 54.6

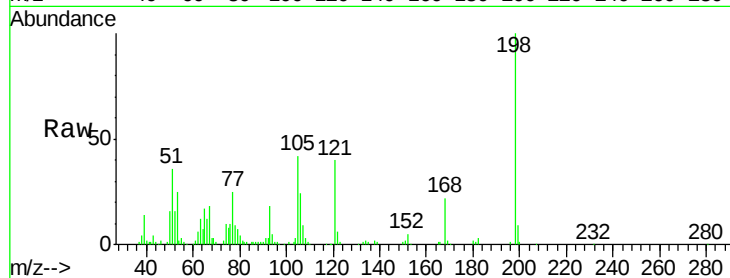
105 42.2 18.4 58.4

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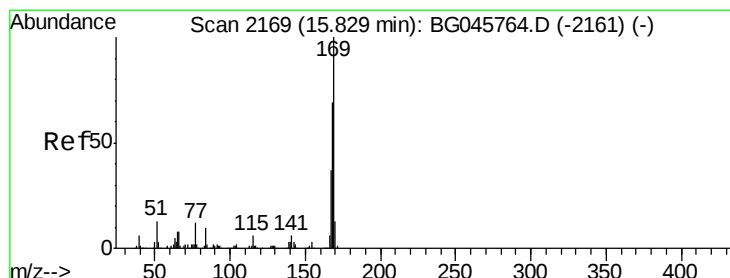
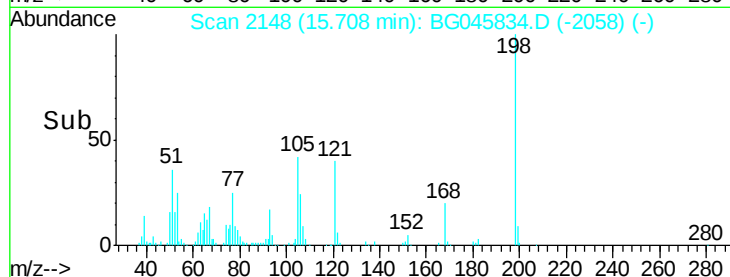
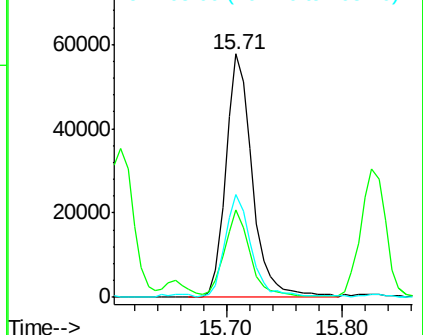
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.675 ng

RT: 15.83 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

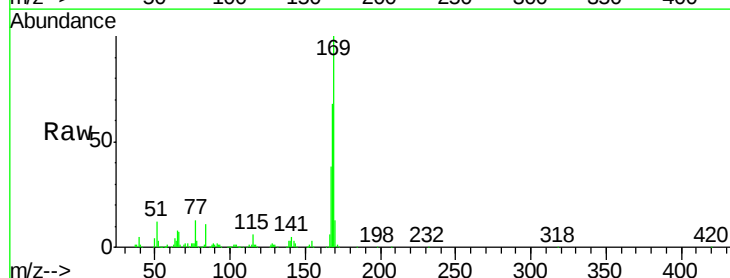
Tgt Ion:169 Resp: 385333

Ion Ratio Lower Upper

169 100

168 67.8 55.2 82.8

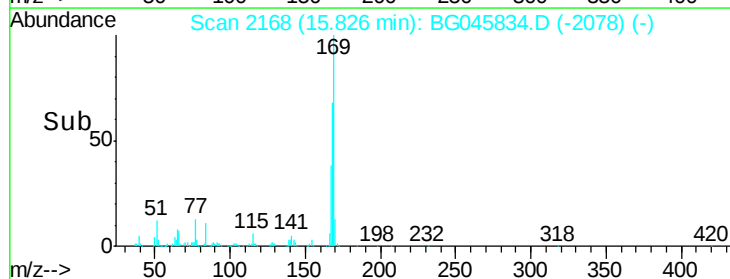
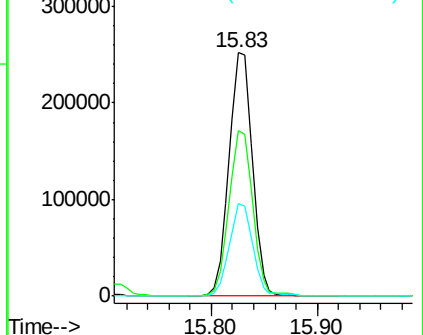
167 38.2 29.8 44.6

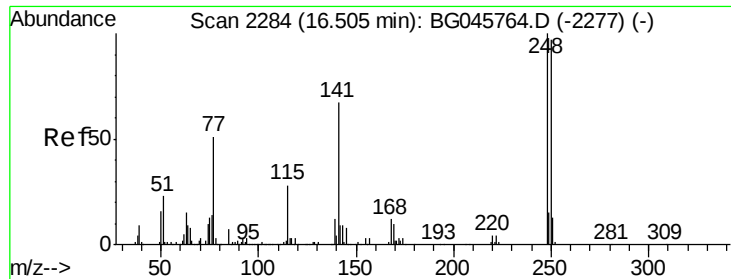


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 42.442 ng

RT: 16.50 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Instrument :

BNA_G

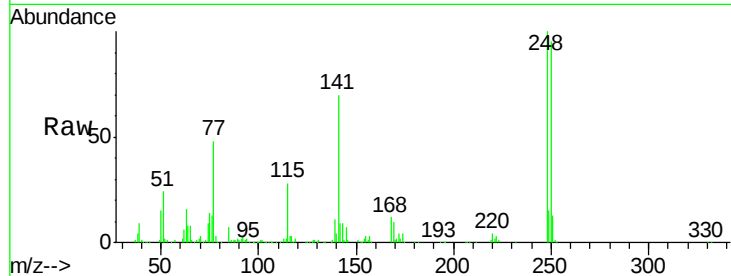
ClientSampleId :

PB129662BSD

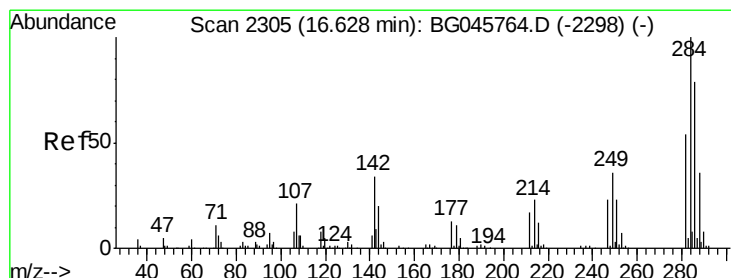
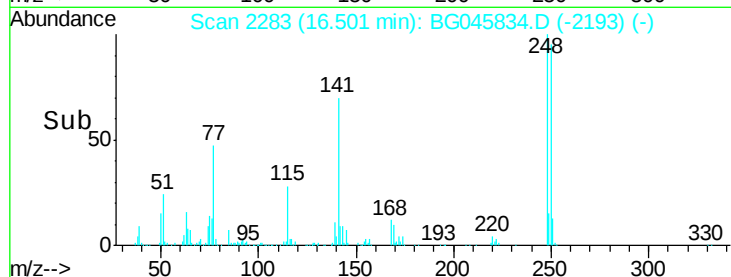
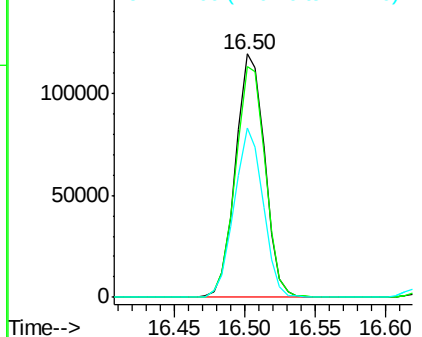
Tot Ion:	248	Resp:	171779
Ion Ratio	Lower	Upper	
248	100		
250	94.7	78.0	117.0
141	69.8	53.9	80.9

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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: 45.420 ng

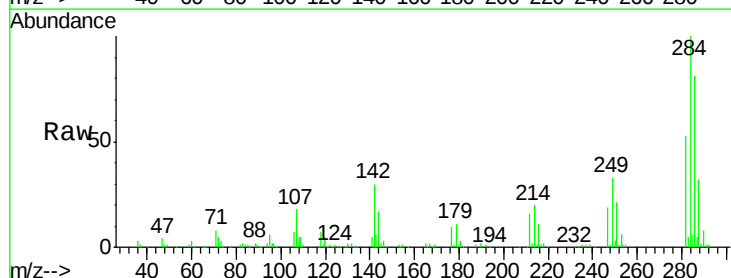
RT: 16.63 min Scan# 2305

Delta R.T. 0.00 min

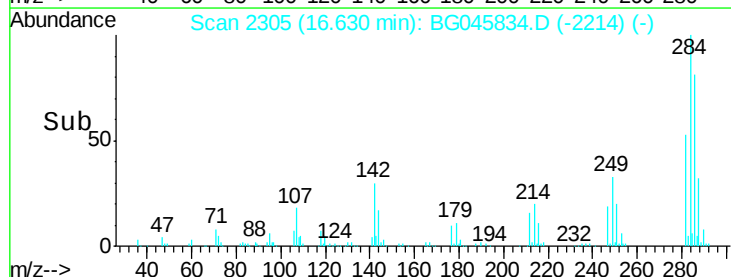
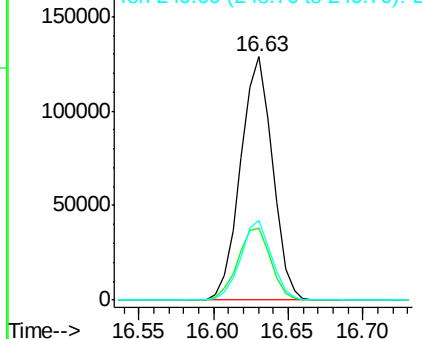
Lab File: BG045834.D

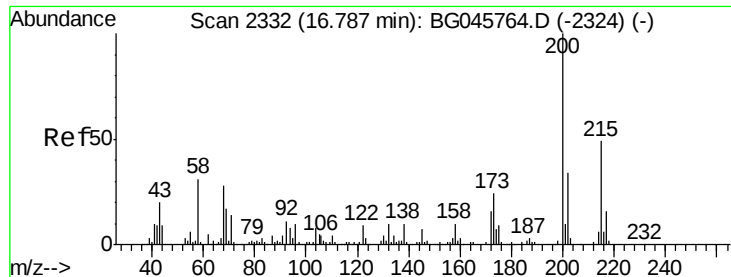
Acq: 23 Jun 2020 10:46

Tgt Ion:	284	Resp:	190628
Ion Ratio	Lower	Upper	
284	100		
142	29.8	26.9	40.3
249	32.8	28.6	42.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 44.168 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Instrument :

BNA_G

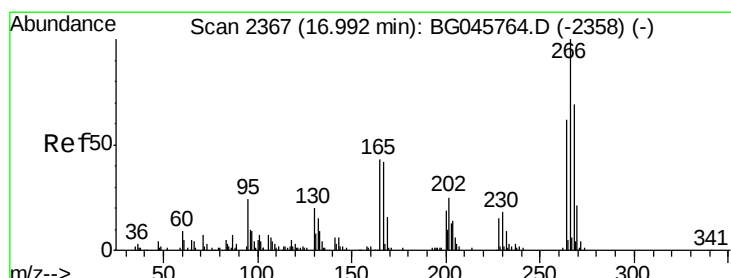
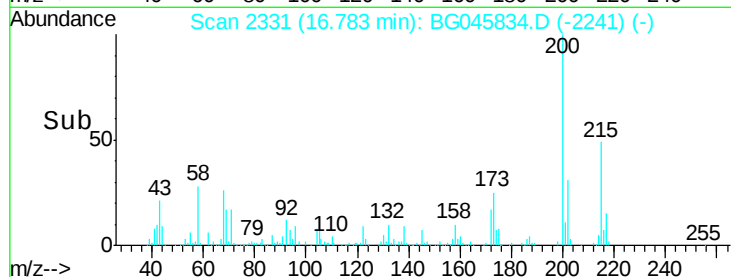
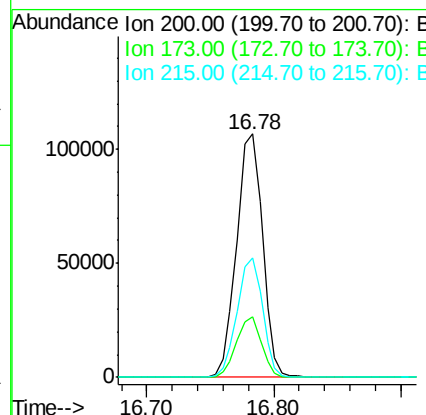
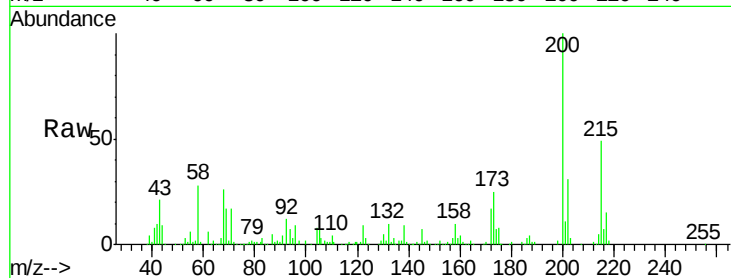
ClientSampleId :

PB129662BSD

Tot Ion:	200	Resp:	151212
Ion Ratio	Lower	Upper	
200	100		
173	24.8	3.9	43.9
215	48.8	28.8	68.8

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#70

Pentachlorophenol

Concen: 75.060 ng

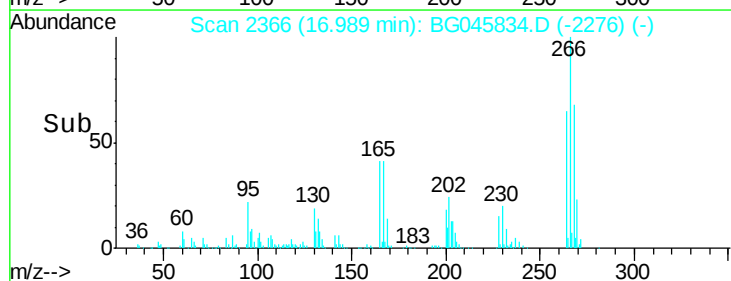
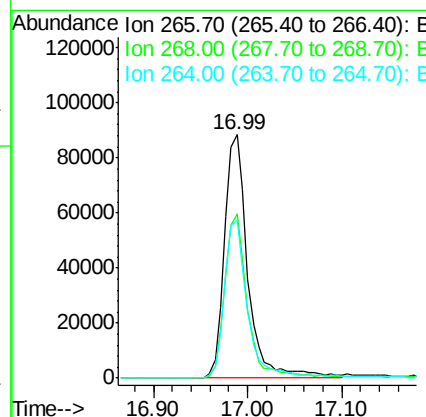
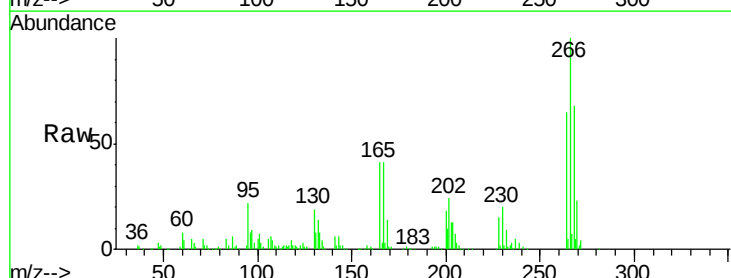
RT: 16.99 min Scan# 2366

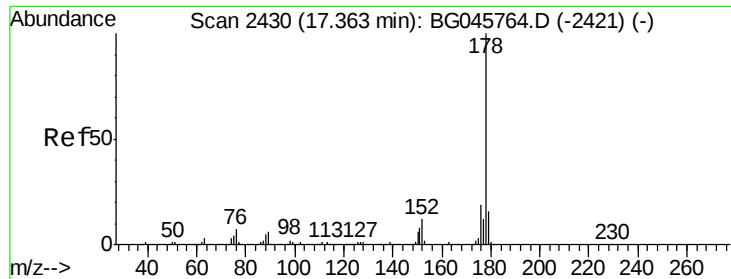
Delta R.T. -0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Tgt Ion:	266	Resp:	154283
Ion Ratio	Lower	Upper	
266	100		
268	67.5	55.4	83.0
264	64.6	49.8	74.6





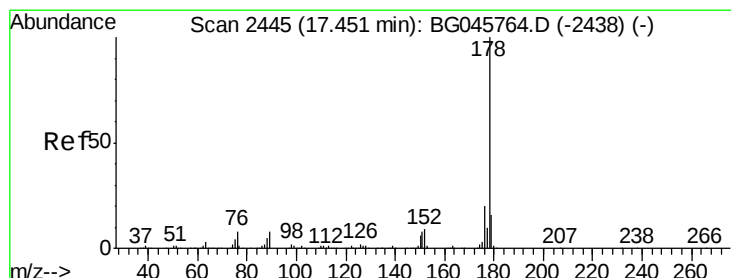
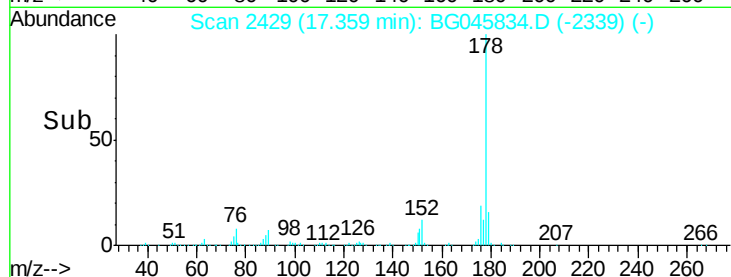
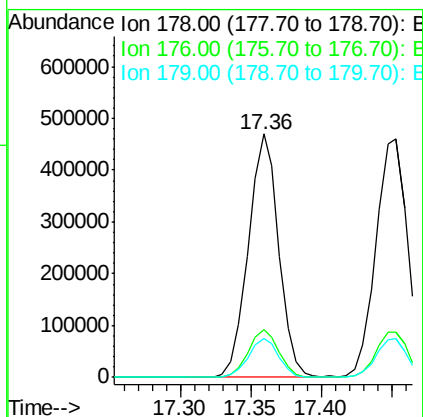
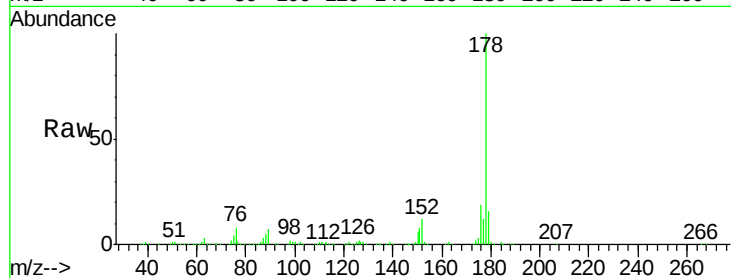
#71
Phenanthrene
Concen: 44.203 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	16.2	13.2	19.8

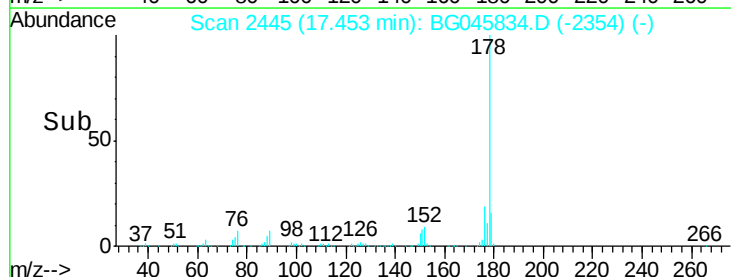
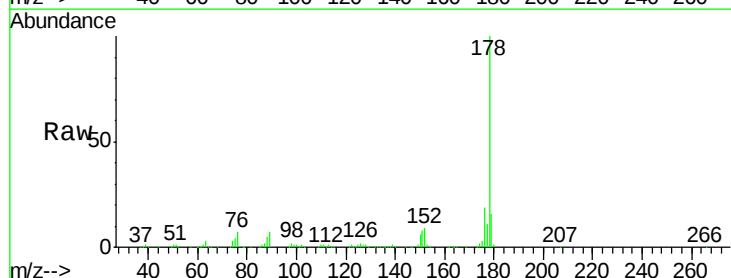
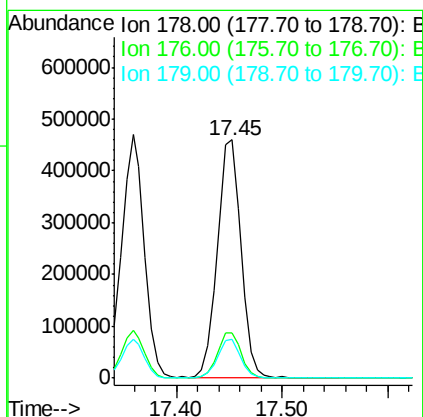
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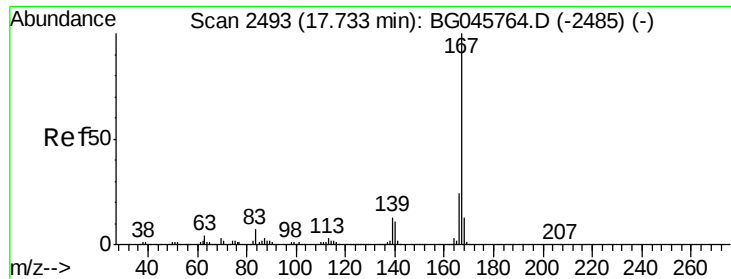
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#72
Anthracene
Concen: 45.179 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	16.1	13.1	19.7





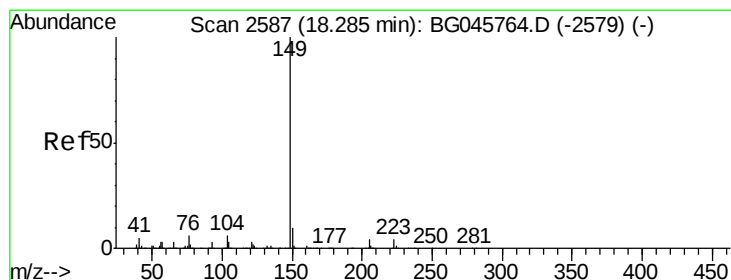
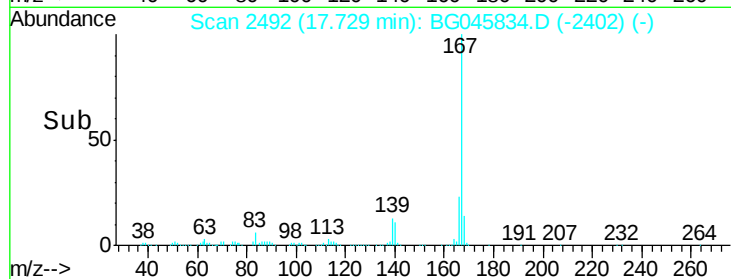
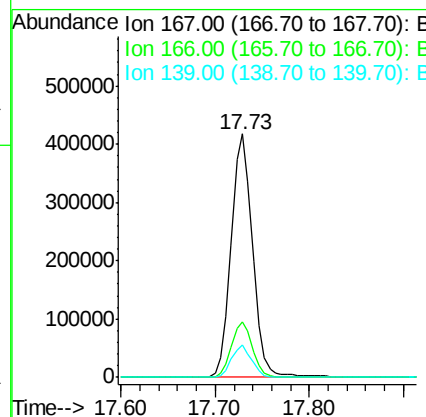
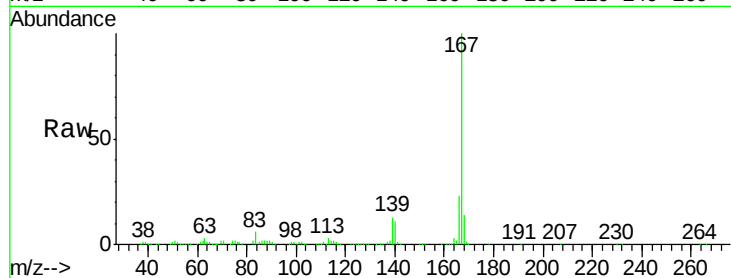
#73
 Carbazole
 Concen: 43.453 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.00 min
 Lab File: BG045834.D
 Acq: 23 Jun 2020 10:46

Instrument :
 BNA_G
 ClientSampleId :
 PB129662BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.9	28.3
139	13.3	10.6	15.8

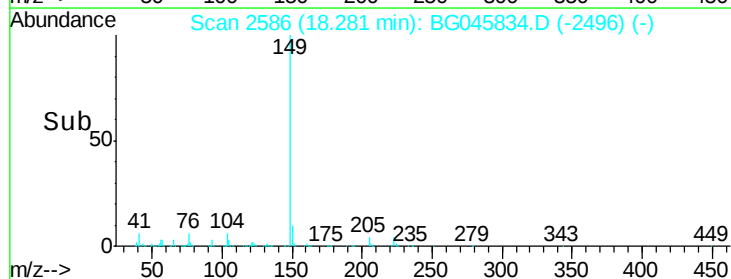
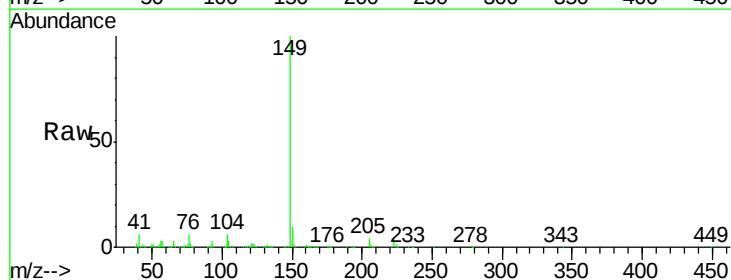
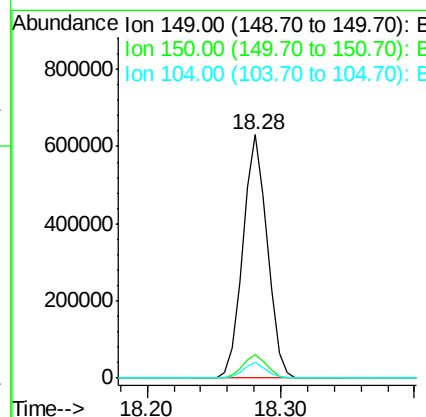
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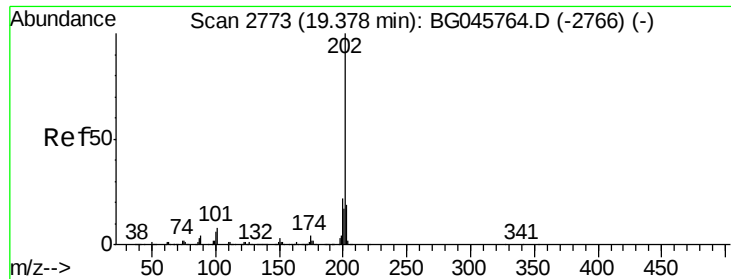
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#74
 Di-n-butylphthalate
 Concen: 44.050 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: BG045834.D
 Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	6.5	5.1	7.7





#75

Fluoranthene

Concen: 45.239 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Instrument :

BNA_G

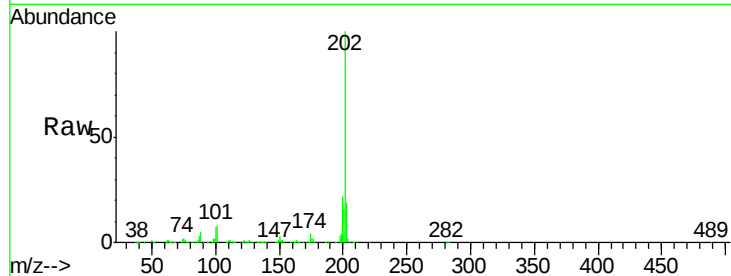
ClientSampleId :

PB129662BSD

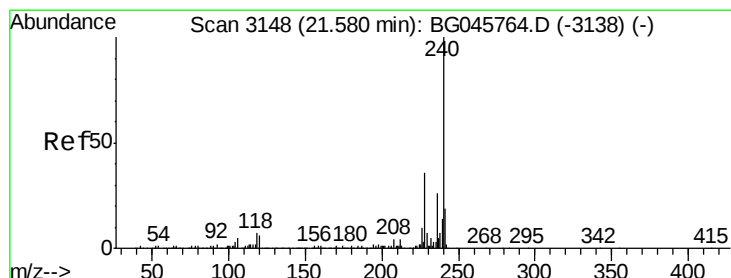
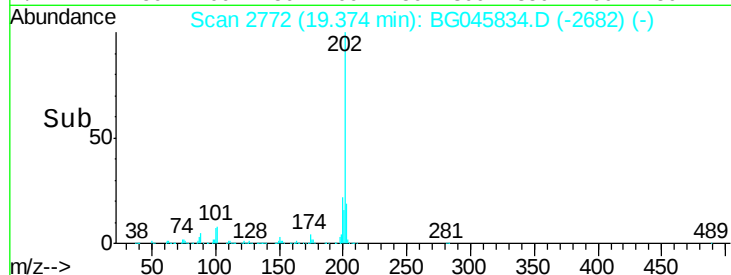
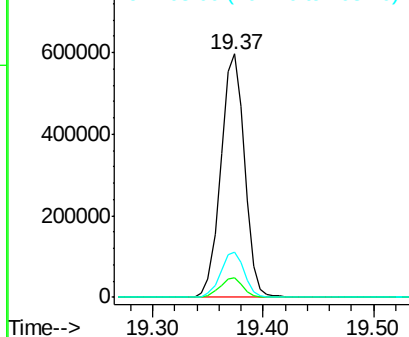
Tot Ion	Ratio	Resp	Lower	Upper
202	100	893676		
101	8.2	0.0	27.7	
203	18.8	0.0	38.7	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

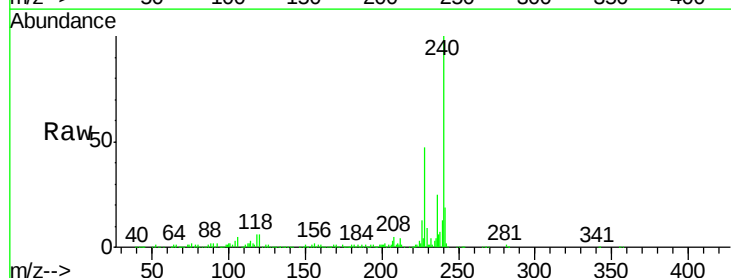
RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

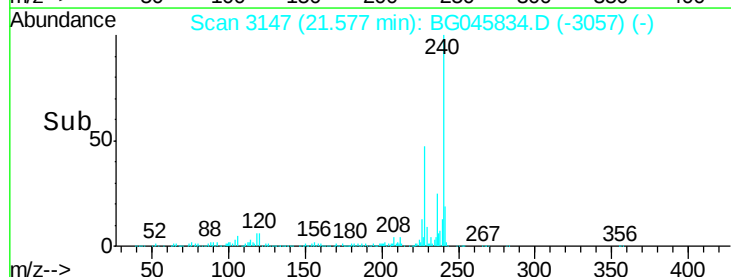
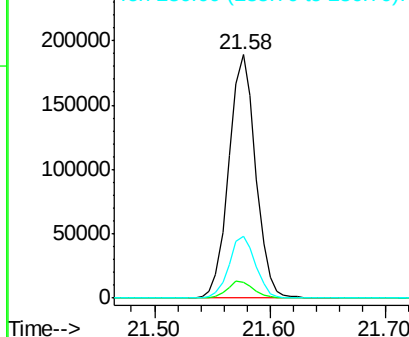
Lab File: BG045834.D

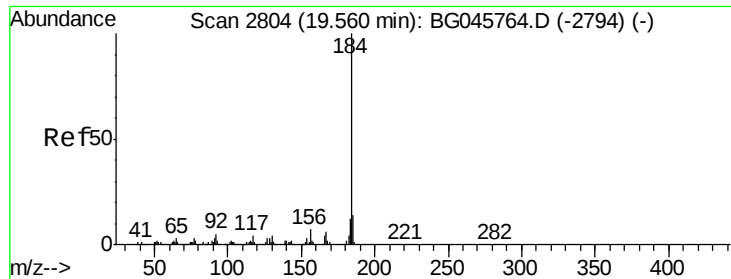
Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	303889		
120	6.5	5.0	7.4	
236	25.3	20.6	30.8	



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





#77

Benzidine

Concen: 69.385 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Instrument :

BNA_G

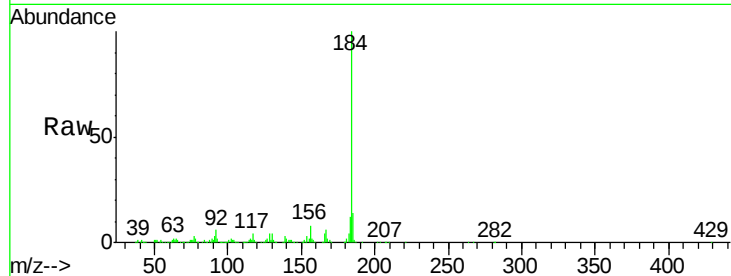
ClientSampleId :

PB129662BSD

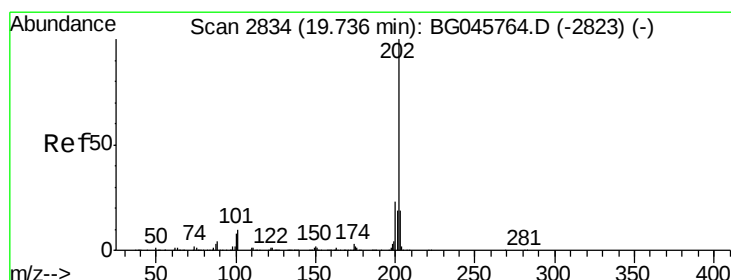
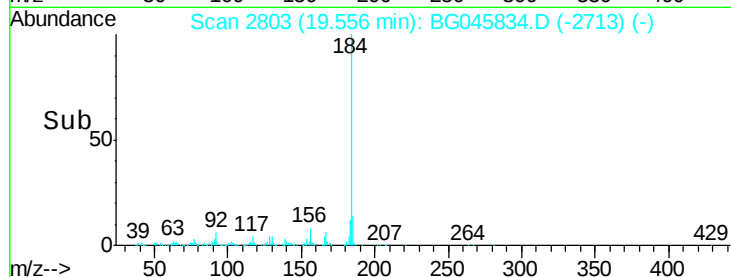
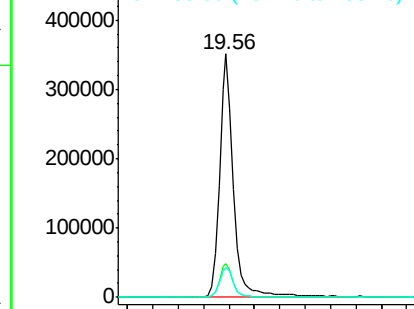
Tot Ion:	184	Resp:	548159
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.1	16.7
183	12.1	9.7	14.5

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



#78

Pyrene

Concen: 43.251 ng

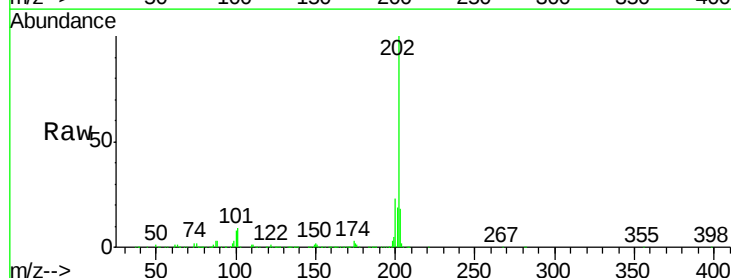
RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

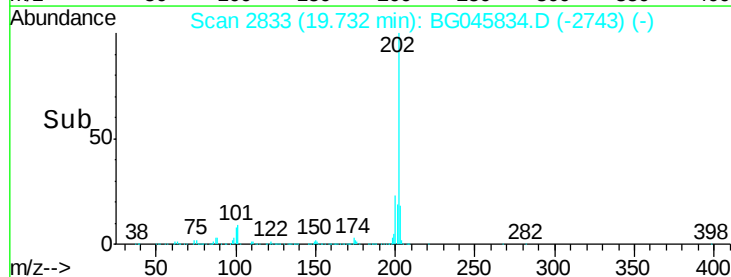
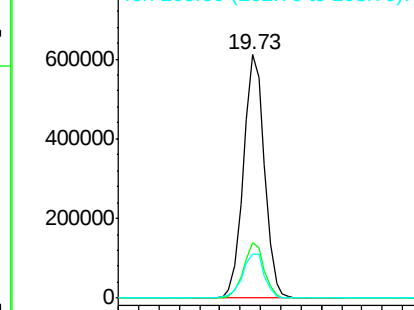
Lab File: BG045834.D

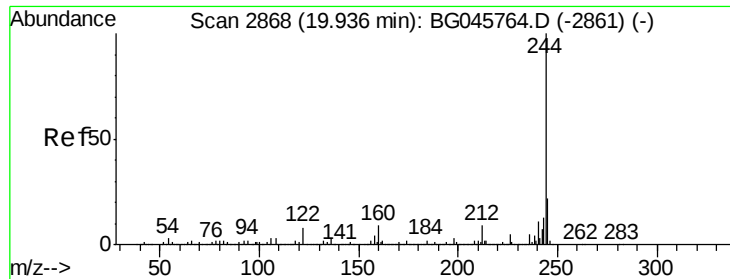
Acq: 23 Jun 2020 10:46

Tgt Ion:	202	Resp:	880136
Ion Ratio	Lower	Upper	
202	100		
200	22.6	18.2	27.2
203	18.2	14.8	22.2



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: 93.993 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Instrument :

BNA_G

ClientSampleId :

PB129662BSD

Tot Ion:244 Resp: 1409430

Ion Ratio Lower Upper

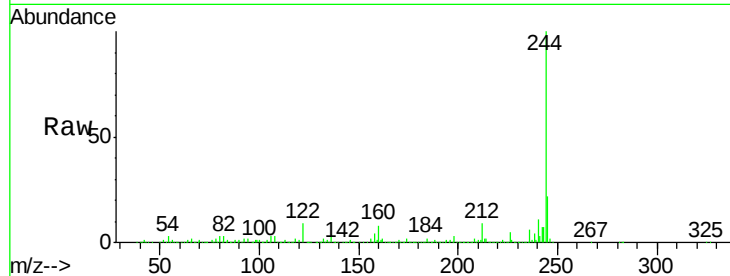
244 100

212 9.0 7.2 10.8

122 8.5 6.4 9.6

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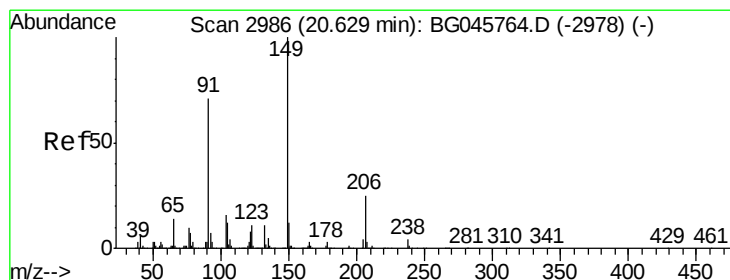
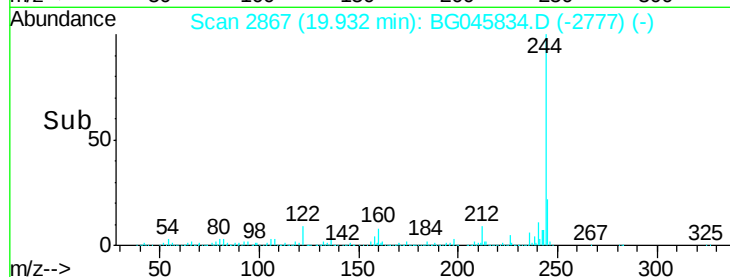
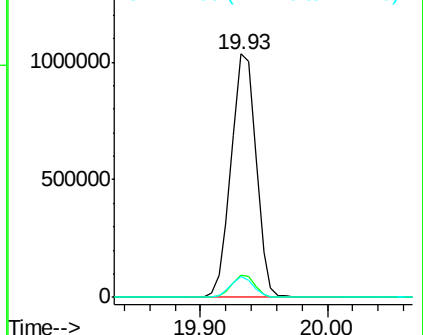
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.857 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

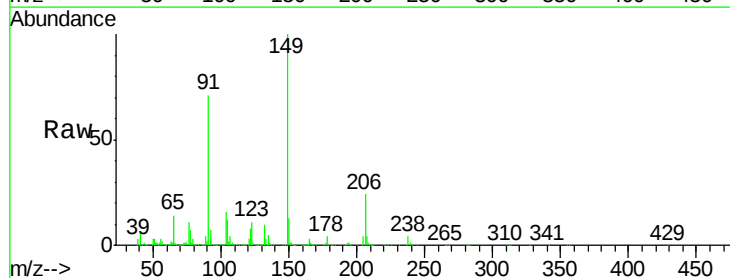
Tgt Ion:149 Resp: 356531

Ion Ratio Lower Upper

149 100

91 70.9 56.4 84.6

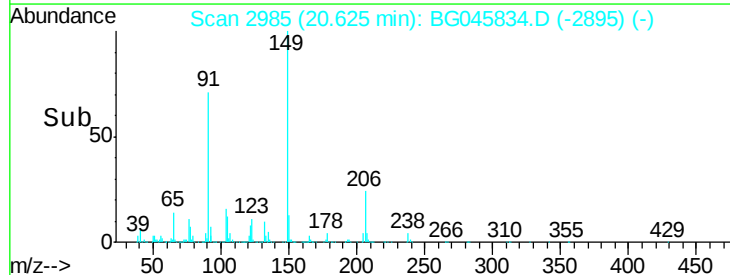
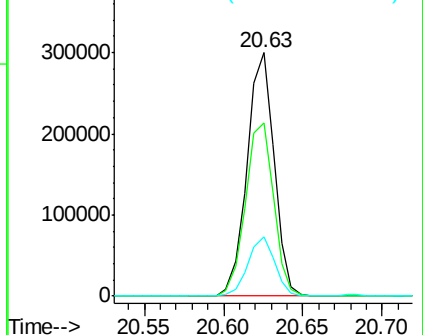
206 24.3 19.8 29.6

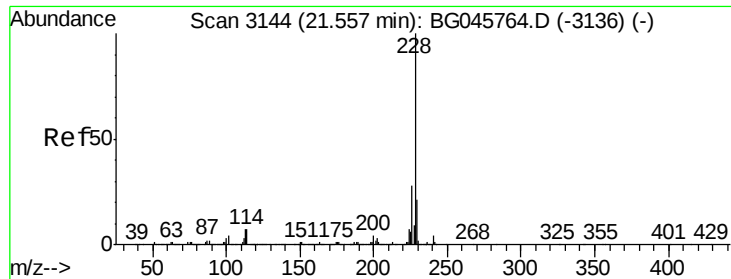


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





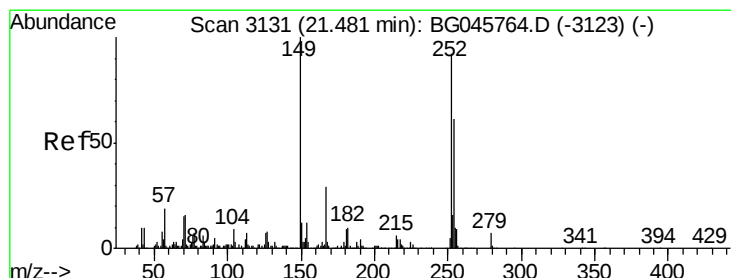
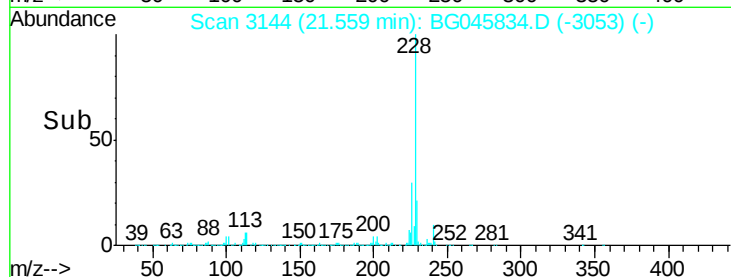
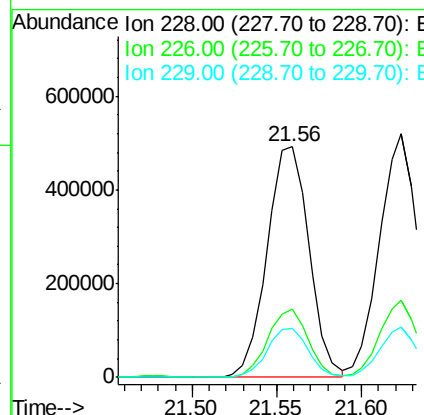
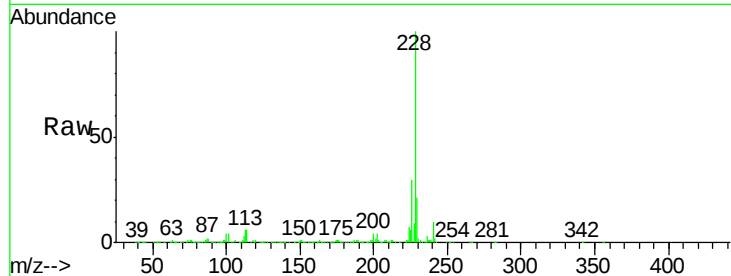
#81
Benzo(a)anthracene
Concen: 42.765 ng
RT: 21.56 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.7	34.1
229	21.5	16.6	24.8

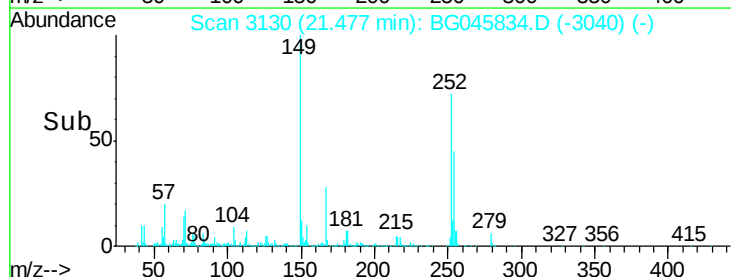
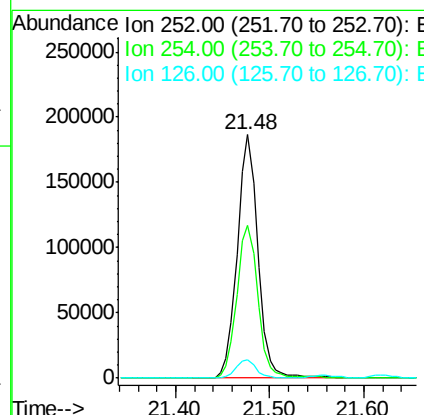
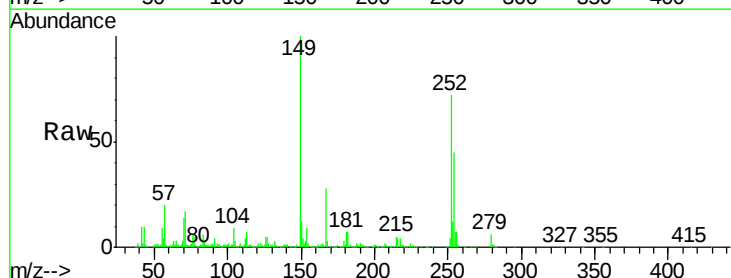
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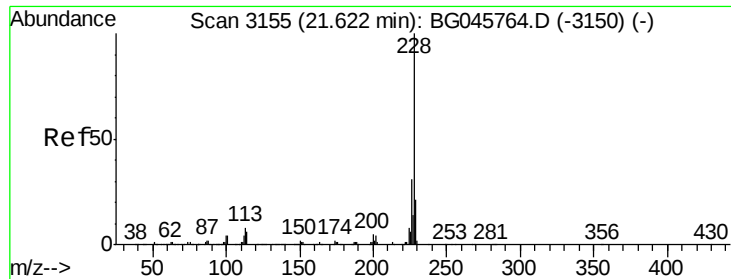
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 38.398 ng
RT: 21.48 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	53.4	80.0
126	7.3	5.8	8.8





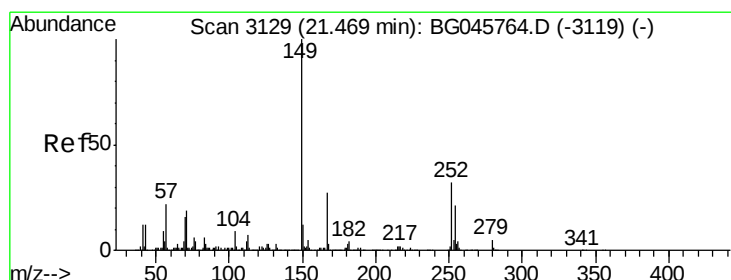
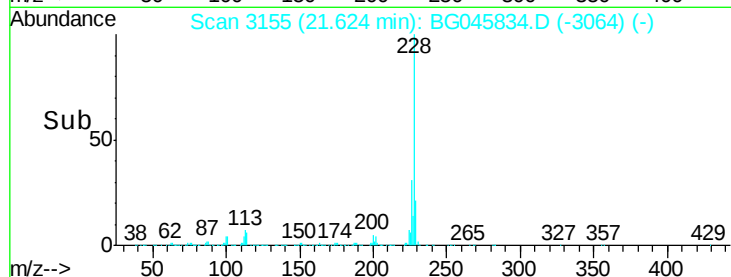
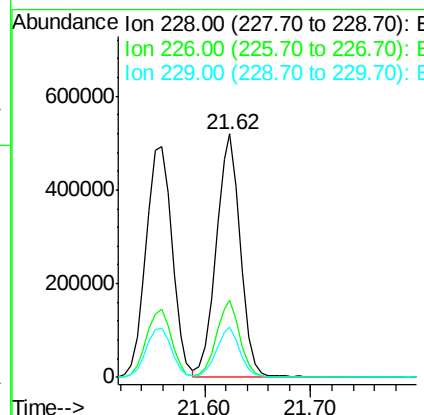
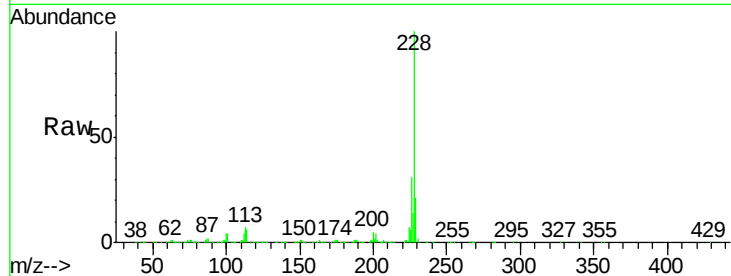
#83
 Chrvsene
 Concen: 43.278 ng
 RT: 21.62 min Scan# 3155
 Delta R.T. 0.00 min
 Lab File: BG045834.D
 Acq: 23 Jun 2020 10:46

Instrument :
 BNA_G
 ClientSampleId :
 PB129662BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.1	37.7
229	20.9	16.4	24.6

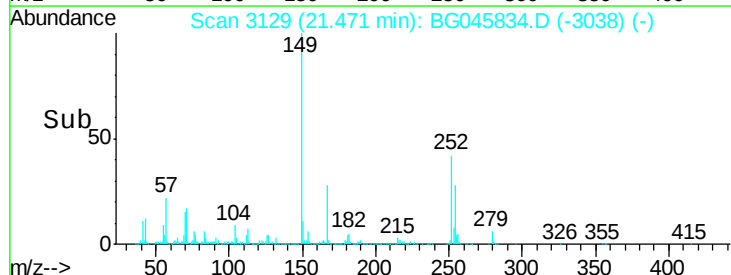
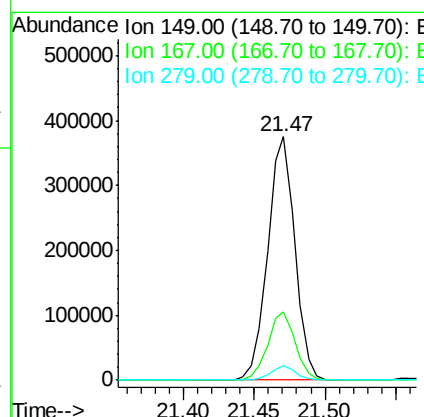
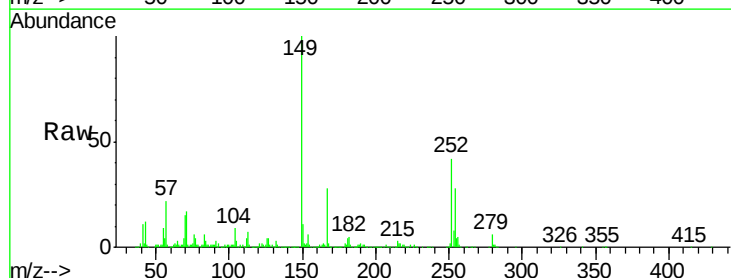
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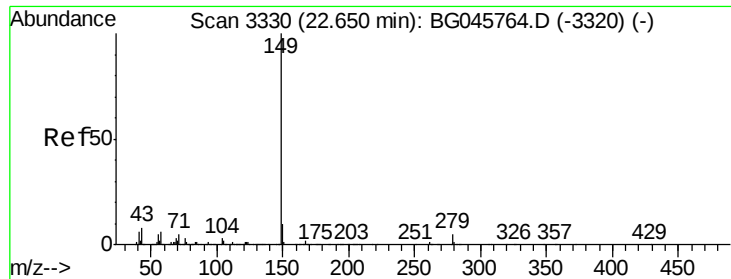
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.753 ng
 RT: 21.47 min Scan# 3129
 Delta R.T. 0.00 min
 Lab File: BG045834.D
 Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.3	31.9
279	5.9	3.7	5.5#





#85

Di-n-octyl phthalate

Concen: 42.770 ng

RT: 22.65 min Scan# 3329

Delta R.T. -0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Instrument :

BNA_G

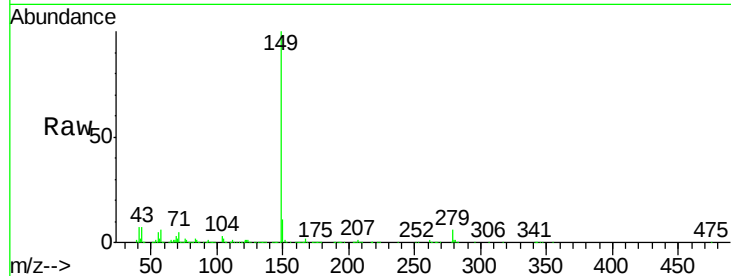
ClientSampleId :

PB129662BSD

Tot Ion:	149	Resp:	874076
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	7.1	5.9	8.9

Manual Integrations
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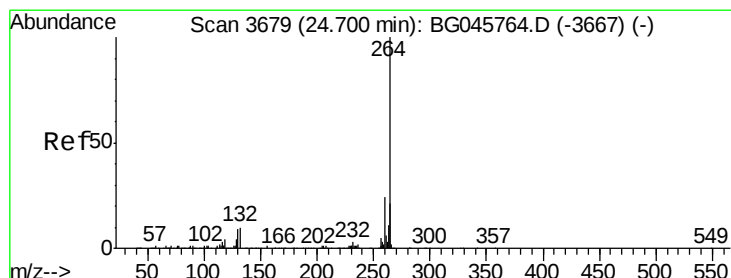
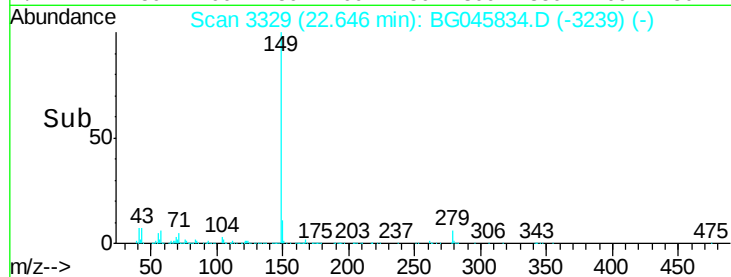
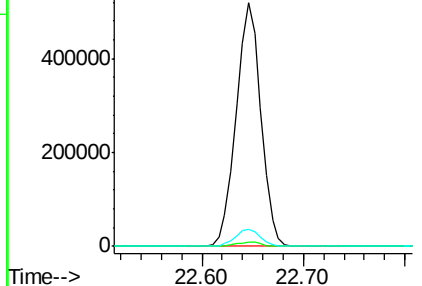
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.70 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG045834.D

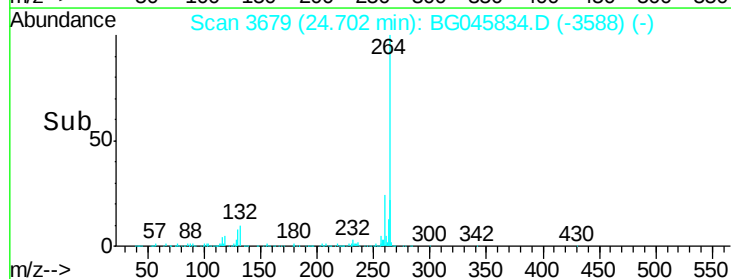
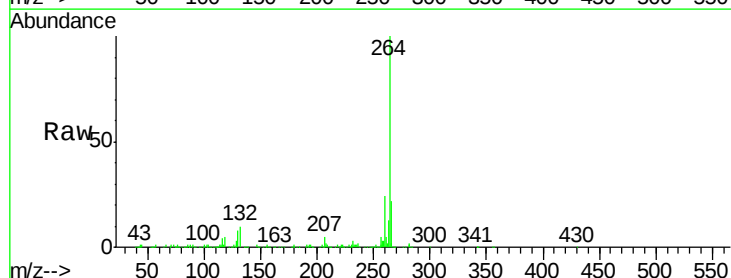
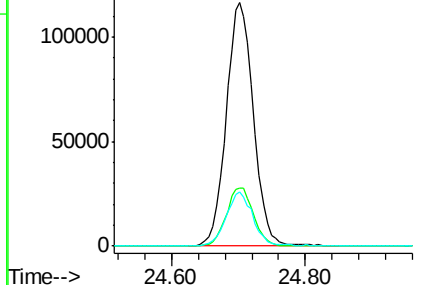
Acq: 23 Jun 2020 10:46

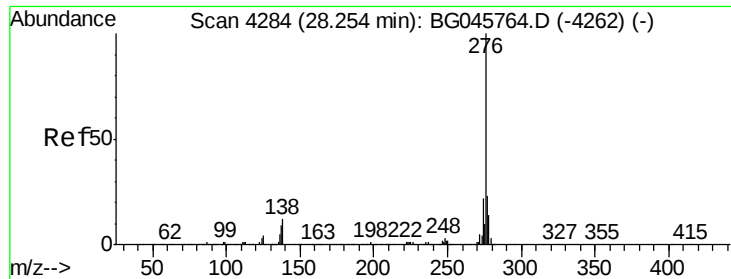
Tgt Ion:	264	Resp:	331874
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.0	28.4
265	22.1	17.4	26.0

Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





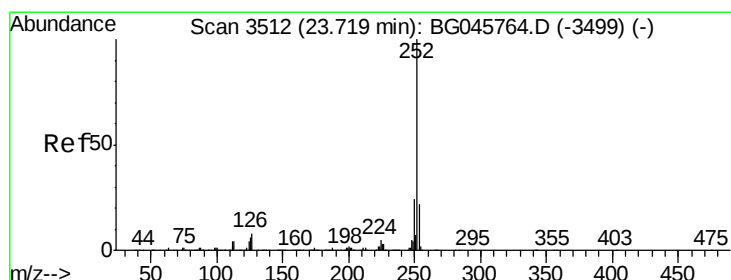
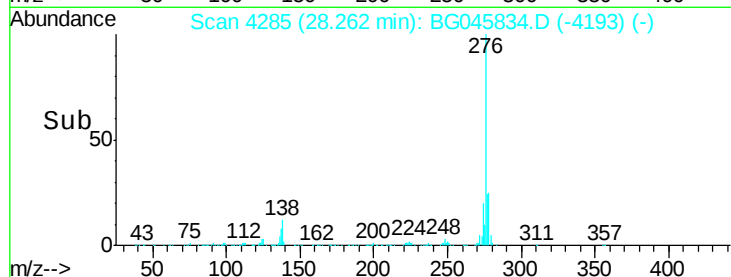
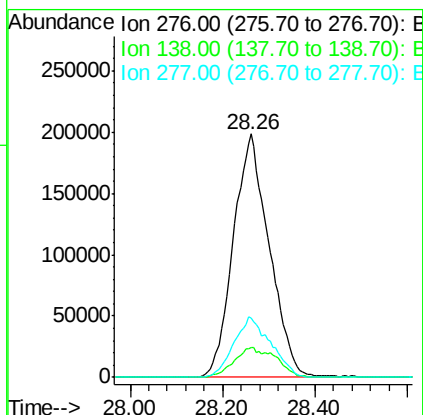
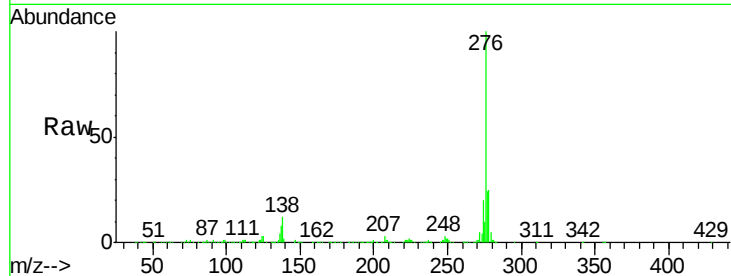
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.584 ng
 RT: 28.26 min Scan# 4285
 Delta R.T. 0.01 min
 Lab File: BG045834.D
 Acq: 23 Jun 2020 10:46

Instrument :
 BNA_G
 ClientSampleID :
 PB129662BSD

Tot Ion:276 Resp: 1072672
 Ion Ratio Lower Upper
 276 100
 138 14.3 5.4 8.0#
 277 25.6 20.6 30.8

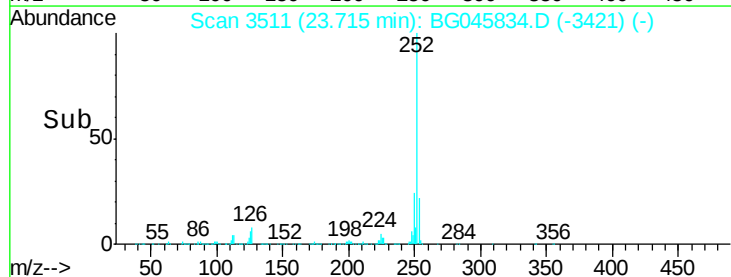
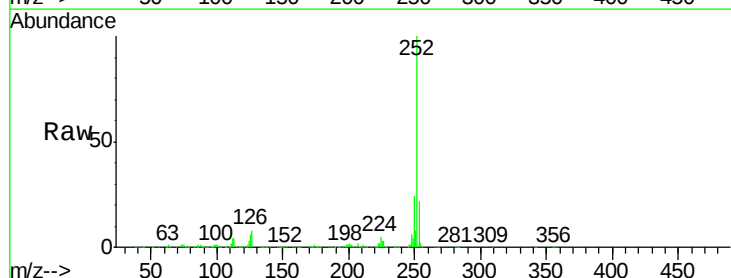
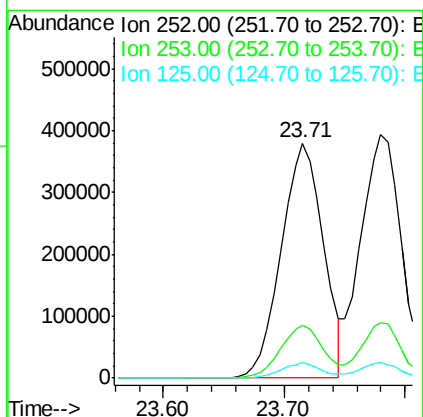
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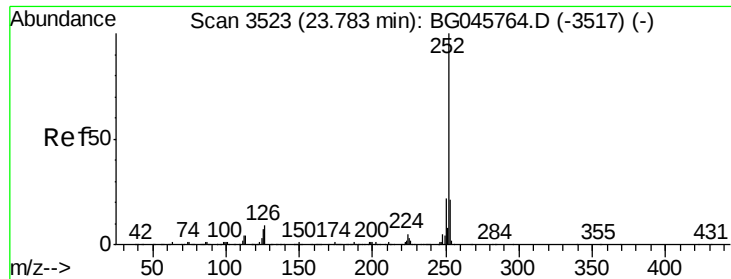
mohammad
 6/24/2020 11:00:07 AM



#88
 Benzo(b)fluoranthene
 Concen: 43.817 ng
 RT: 23.71 min Scan# 3511
 Delta R.T. -0.00 min
 Lab File: BG045834.D
 Acq: 23 Jun 2020 10:46

Tgt Ion:252 Resp: 911749
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.4 26.0
 125 6.5 5.0 7.4





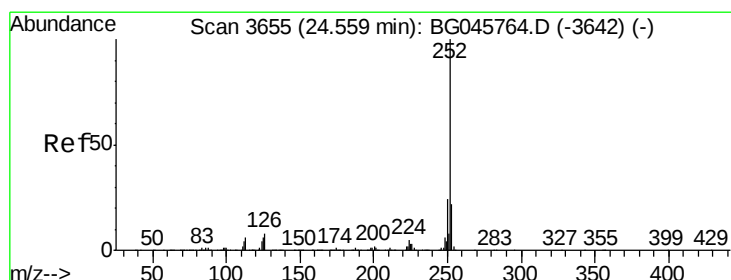
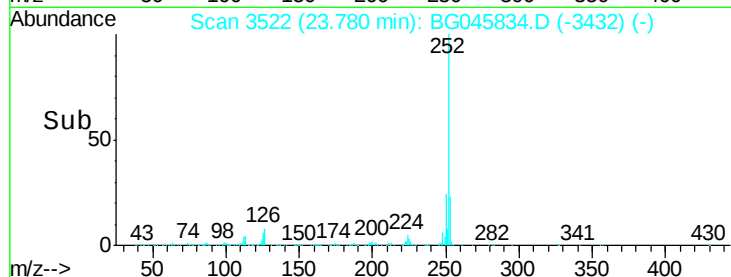
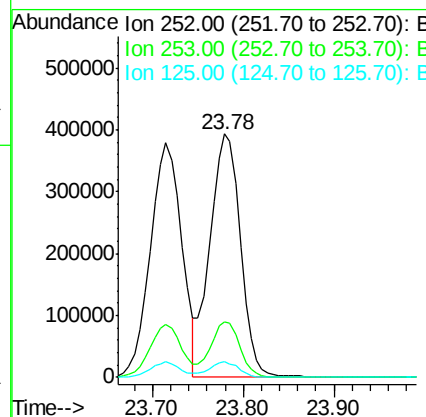
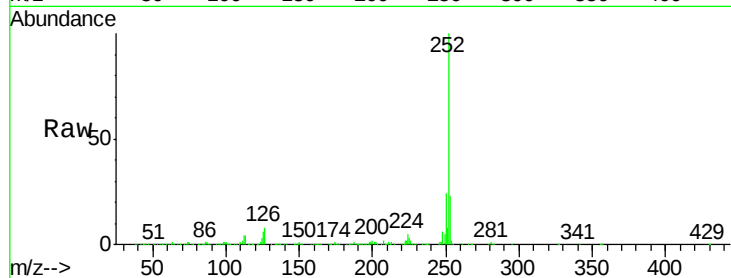
#89
Benzo(k)fluoranthene
Concen: 46.349 ng
RT: 23.78 min Scan# 3522
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
PB129662BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	6.2	5.2	7.8

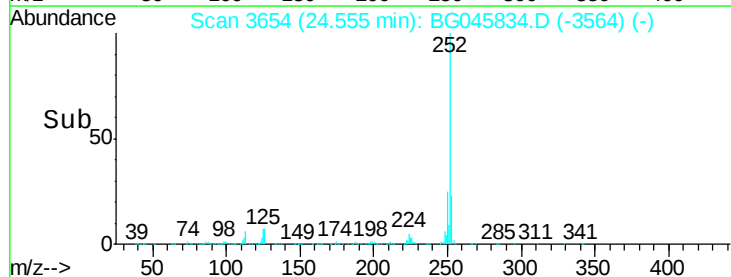
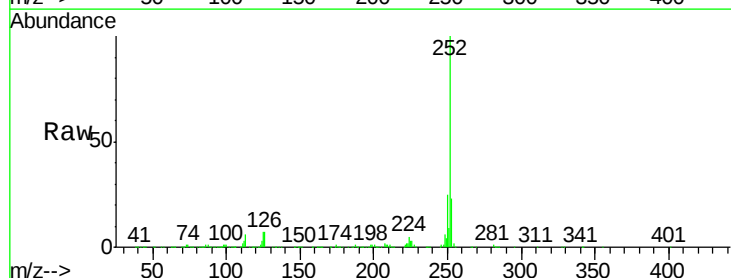
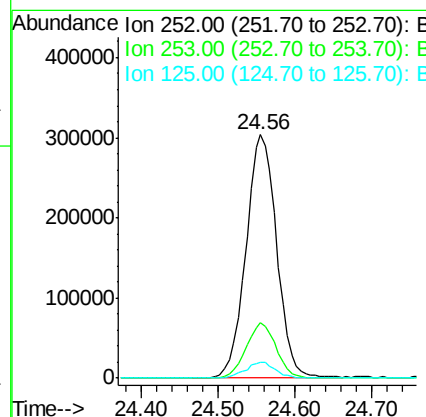
Manual Integrations
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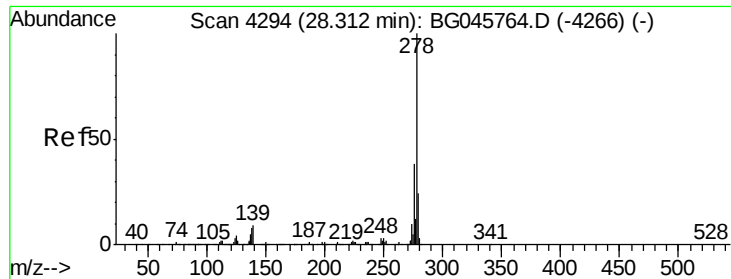
mohammad
6/24/2020 11:00:07 AM



#90
Benzo(a)pyrene
Concen: 43.579 ng
RT: 24.56 min Scan# 3654
Delta R.T. -0.00 min
Lab File: BG045834.D
Acq: 23 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	6.5	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 45.244 ng

RT: 28.31 min Scan# 4293

Delta R.T. -0.00 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Instrument :

BNA_G

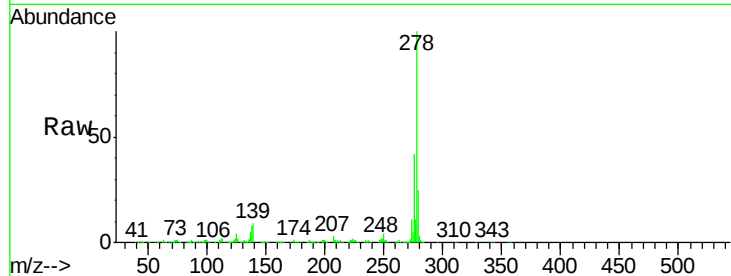
ClientSampleId :

PB129662BSD

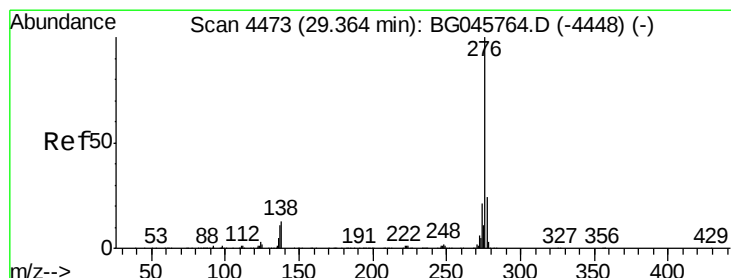
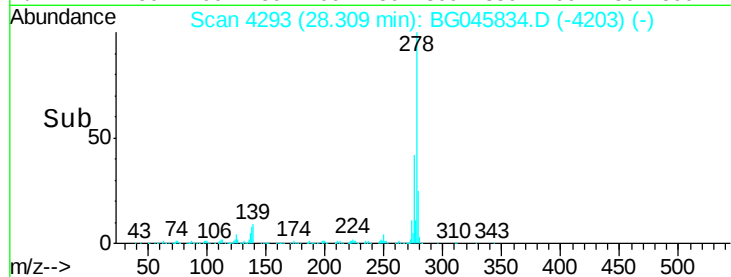
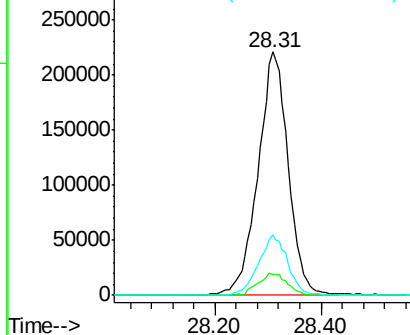
Tot Ion:	278	Resp:	872912
Ion Ratio	Lower	Upper	
278	100		
139	8.8	7.3	10.9
279	25.0	19.5	29.3

Manual Integrations
APPROVED

mohammad
6/24/2020 11:00:07 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.692 ng

RT: 29.37 min Scan# 4474

Delta R.T. 0.01 min

Lab File: BG045834.D

Acq: 23 Jun 2020 10:46

Tgt Ion:	276	Resp:	863049
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.2	28.8
138	10.8	10.6	15.8

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

