

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
 Data File : BG045537.D
 Acq On : 30 May 2020 2:42
 Operator : CG/JU
 Sample : PB129185BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129185BS

Manual Integrations
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 6/1/2020 12:22:50 PM

Quant Time: May 30 06:42:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	65141	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	259782	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	192259	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	460428	20.00	ng	0.00
76) Chrysene-d12	21.60	240	433556	20.00	ng	0.00
87) Perylene-d12	24.75	264	489260	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	437719	131.32	ng	0.00
7) Phenol-d6	7.16	99	610838	128.76	ng	0.00
23) Nitrobenzene-d5	9.12	82	389085	81.67	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	294333	119.71	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	896946	79.13	ng	0.00
79) Terphenyl-d14	19.97	244	1578314	84.90	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	54309	32.86	ng	# 93
3) Pyridine	3.80	79	126478	27.47	ng	97
4) n-Nitrosodimethylamine	3.71	42	60537	40.19	ng	90
6) Aniline	7.28	93	142002	22.93	ng	96
8) 2-Chlorophenol	7.53	128	155656	42.58	ng	98
9) Benzaldehyde	7.08	77	103811	33.59	ng	94
10) Phenol	7.18	94	207920	42.52	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	146704	38.47	ng	99
12) 1,3-Dichlorobenzene	7.84	146	168392	38.34	ng	97
13) 1,4-Dichlorobenzene	7.99	146	170760	39.39	ng	96
14) 1,2-Dichlorobenzene	8.31	146	161576	38.75	ng	97
15) Benzyl Alcohol	8.20	79	160096	40.85	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	133956	37.00	ng	98
17) 2-Methylphenol	8.43	107	138509	37.85	ng	93
18) Hexachloroethane	9.04	117	66213	39.88	ng	99
19) n-Nitroso-di-n-propylamine	8.76	70	127959	39.00	ng	97
20) 3+4-Methylphenols	8.76	107	189425	38.01	ng	# 85
22) Acetophenone	8.77	105	236269	38.37	ng	# 97
24) Nitrobenzene	9.16	77	199447	39.08	ng	99
25) Isophorone	9.68	82	356894	38.04	ng	99
26) 2-Nitrophenol	9.87	139	89842	41.15	ng	91
27) 2,4-Dimethylphenol	9.95	122	146026	45.09	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	199448	40.54	ng	98
29) 2,4-Dichlorophenol	10.43	162	163114	42.65	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	179657	39.76	ng	97
31) Naphthalene	10.81	128	486342	40.17	ng	99
32) Benzoic acid	10.13	122	88797	41.92	ng	89
33) 4-Chloroaniline	10.92	127	67872	13.41	ng	95
34) Hexachlorobutadiene	11.11	225	125250	39.21	ng	97
35) Caprolactam	11.69	113	55644m	39.64	ng	
36) 4-Chloro-3-methylphenol	12.08	107	182881	42.44	ng	98
37) 2-Methylnaphthalene	12.42	142	361379	40.05	ng	98
38) 1-Methylnaphthalene	12.64	142	348714	40.91	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	208977	38.92	ng	98

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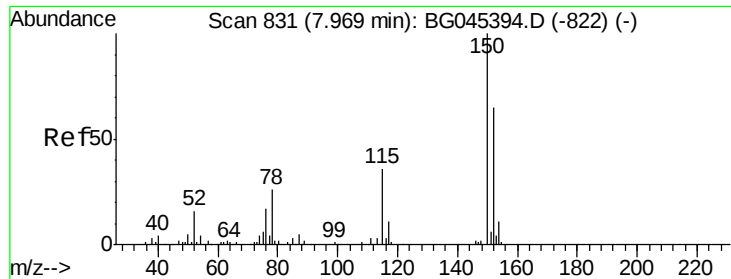
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 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	245934	79.35	ng	95
43) 2,4,6-Trichlorophenol	13.04	196	144557	38.75	ng	94
44) 2,4,5-Trichlorophenol	13.13	196	155597	36.50	ng	98
46) 1,1'-Biphenyl	13.43	154	474767	40.19	ng	98
47) 2-Chloronaphthalene	13.47	162	362410	37.78	ng	100
48) 2-Nitroaniline	13.68	65	118111	37.43	ng	92
49) Acenaphthylene	14.32	152	614661	39.89	ng	99
50) Dimethylphthalate	14.06	163	500768	37.97	ng	100
51) 2,6-Dinitrotoluene	14.17	165	113729	38.21	ng	95
52) Acenaphthene	14.66	154	442493m	42.90	ng	
53) 3-Nitroaniline	14.51	138	57061	18.86	ng	97
54) 2,4-Dinitrophenol	14.72	184	127213	66.26	ng	92
55) Dibenzofuran	15.00	168	593347	38.74	ng	99
56) 4-Nitrophenol	14.86	139	173062	75.56	ng	93
57) 2,4-Dinitrotoluene	14.96	165	164591	38.19	ng	98
58) Fluorene	15.65	166	493306	39.20	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	153976	41.06	ng	97
60) Diethylphthalate	15.42	149	524232	38.19	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	270683	37.59	ng	98
62) 4-Nitroaniline	15.67	138	110852	35.10	ng	97
63) Azobenzene	15.94	77	495039	38.67	ng	97
65) 4,6-Dinitro-2-methylphenol	15.73	198	103418	38.57	ng	95
66) n-Nitrosodiphenylamine	15.86	169	440058	39.81	ng	98
67) 4-Bromophenyl-phenylether	16.53	248	192523	38.62	ng	97
68) Hexachlorobenzene	16.66	284	210392	40.35	ng	97
69) Atrazine	16.81	200	170243	37.39	ng	100
70) Pentachlorophenol	17.01	266	220420	81.41	ng	98
71) Phenanthrene	17.39	178	816682	40.63	ng	100
72) Anthracene	17.48	178	847274	41.97	ng	98
73) Carbazole	17.75	167	765737	38.92	ng	99
74) Di-n-butylphthalate	18.31	149	931515	39.44	ng	100
75) Fluoranthene	19.40	202	1023337	40.03	ng	100
77) Benzidine	19.58	184	367259	30.16	ng	99
78) Pyrene	19.76	202	1029556	41.66	ng	100
80) Butylbenzylphthalate	20.65	149	415005	38.90	ng	99
81) Benzo(a)anthracene	21.59	228	998974	41.36	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	210865	22.26	ng	98
83) Chrysene	21.65	228	943030	40.61	ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	588602	40.14	ng	100
85) Di-n-octyl phthalate	22.69	149	1001125	39.75	ng	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1262671	41.58	ng	# 95
88) Benzo(b)fluoranthene	23.76	252	1046220	39.87	ng	98
89) Benzo(k)fluoranthene	23.82	252	1036704	42.05	ng	99
90) Benzo(a)pyrene	24.61	252	983911	40.26	ng	98
91) Dibenzo(a,h)anthracene	28.39	278	1024301	41.71	ng	100
92) Benzo(g,h,i)perylene	29.44	276	1044405	42.52	ng	99

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



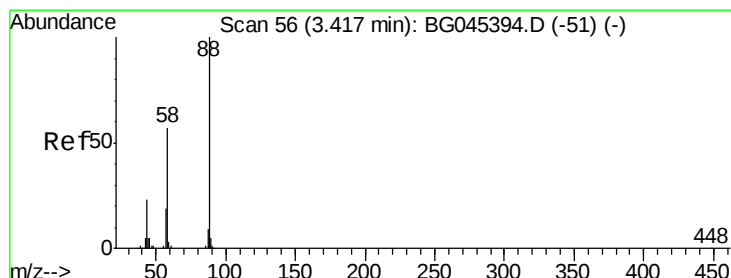
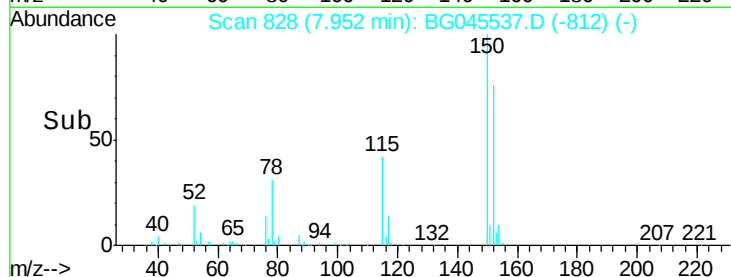
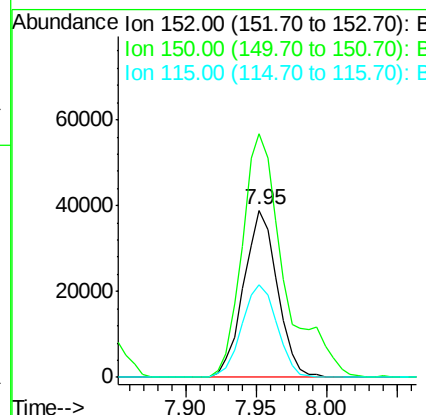
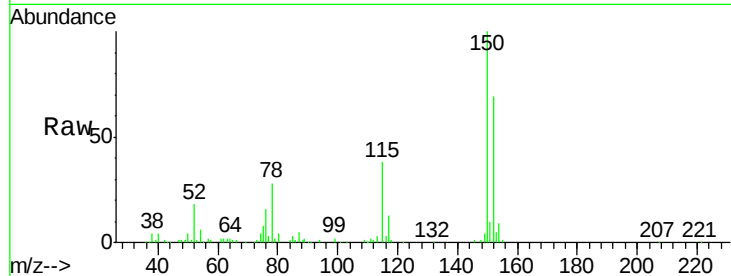
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Instrument :
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 ClientSampleId :
 PB129185BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.6	122.4	183.6
115	55.5	44.2	66.4

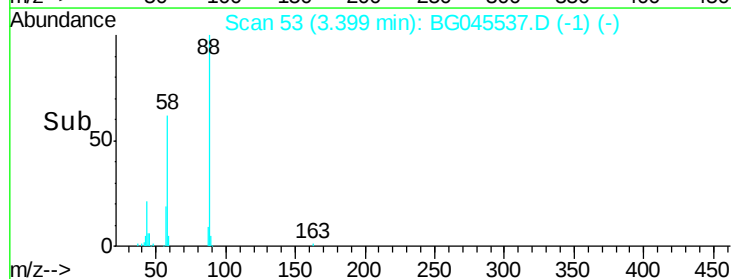
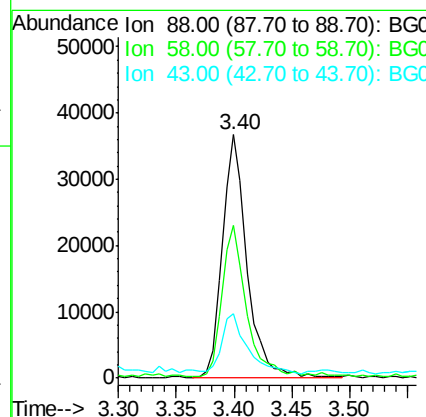
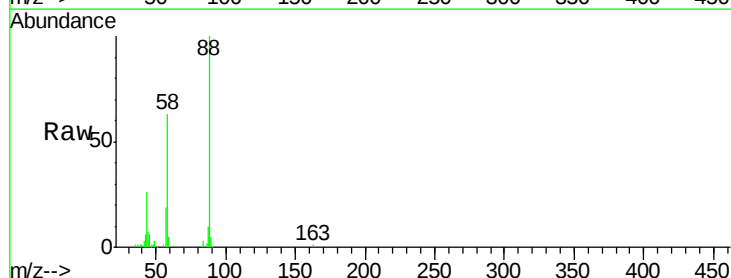
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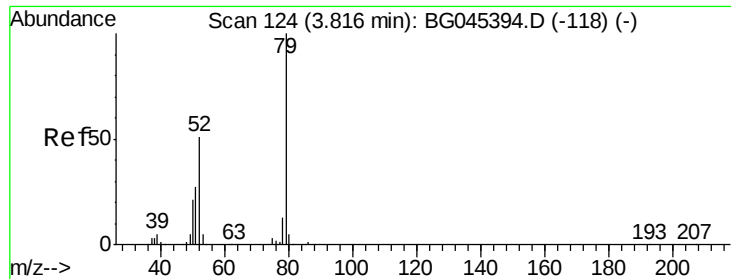
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#2
 1,4-Dioxane
 Concen: 32.86 ng
 RT: 3.40 min Scan# 53
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.8	45.7	68.5
43	25.3	16.8	25.2





#3

Pyridine

Concen: 27.47 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

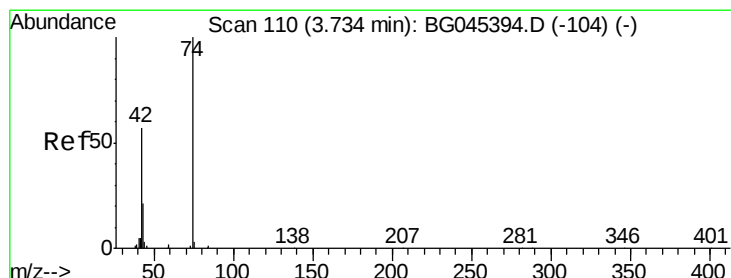
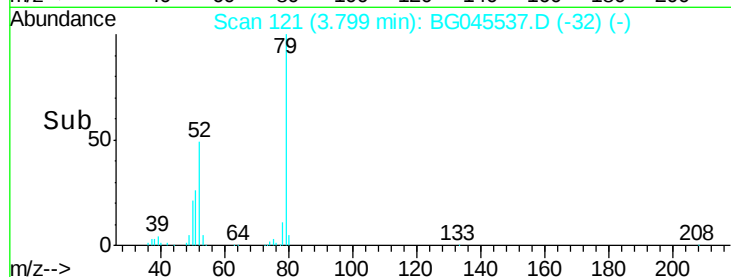
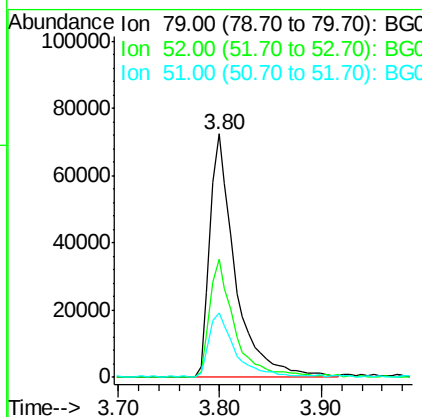
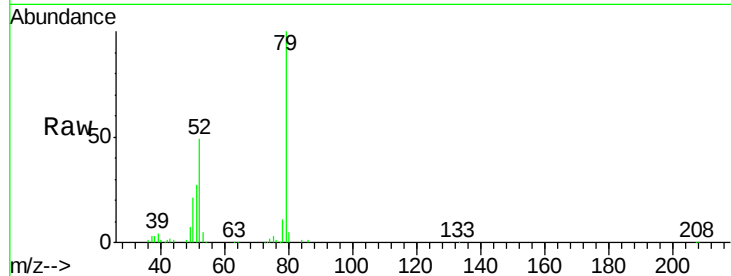
ClientSampleId :

PB129185BS

Tgt Ion:	79	Resp:	126478
Ion	Ratio	Lower	Upper
79	100		
52	48.7	40.8	61.2
51	26.5	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 40.19 ng

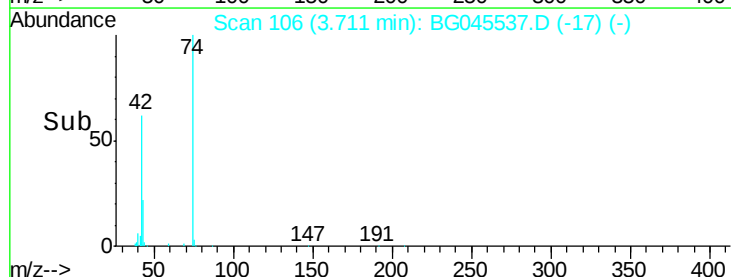
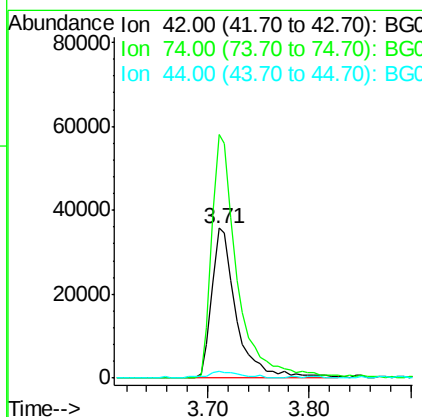
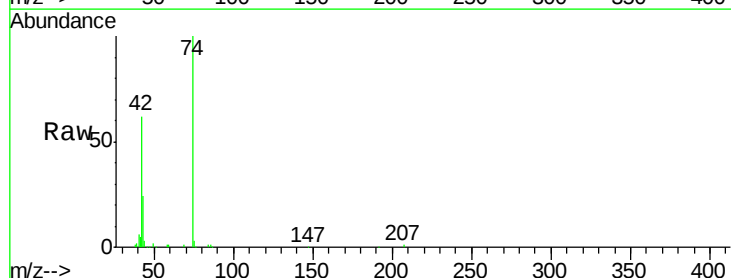
RT: 3.71 min Scan# 106

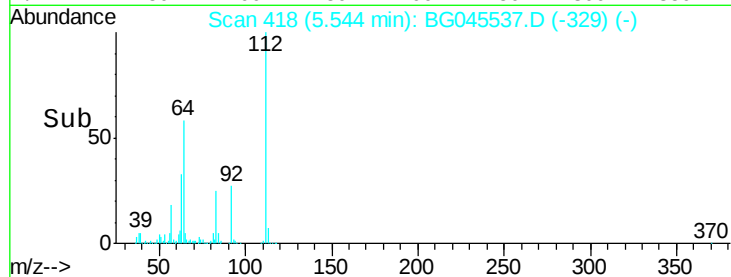
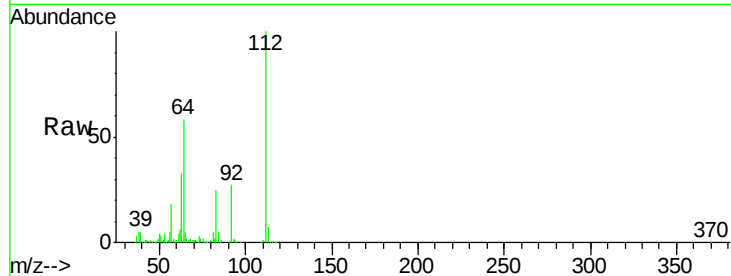
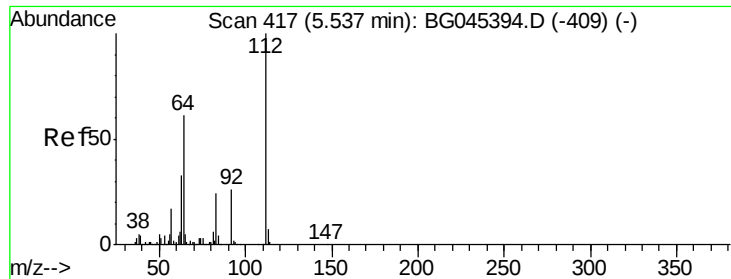
Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Tgt Ion:	42	Resp:	60537
Ion	Ratio	Lower	Upper
42	100		
74	162.4	141.3	211.9
44	4.6	4.2	6.4





#5

2-Fluorophenol

Concen: 131.32 ng

RT: 5.54 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	437719		
64	58.0	48.6	72.8	
63	33.1	26.5	39.7	

Instrument :

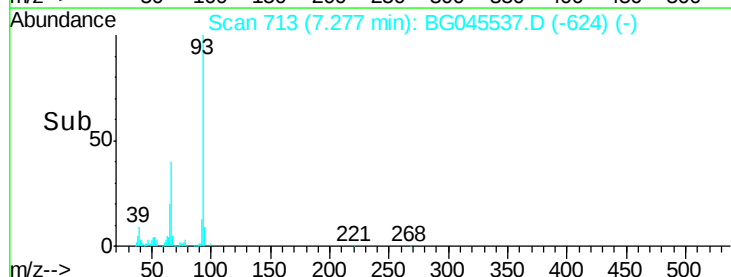
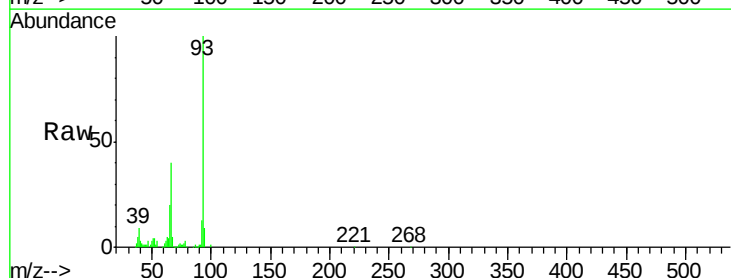
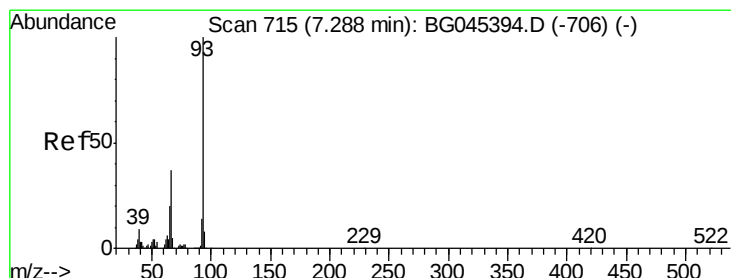
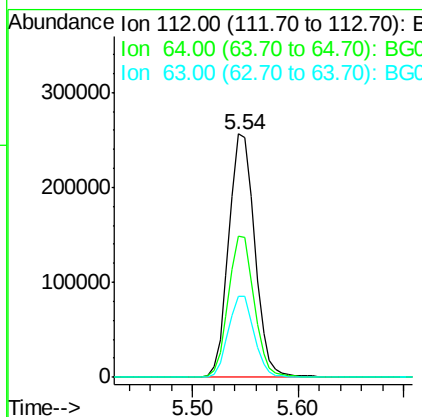
BNA_G

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#6

Aniline

Concen: 22.93 ng

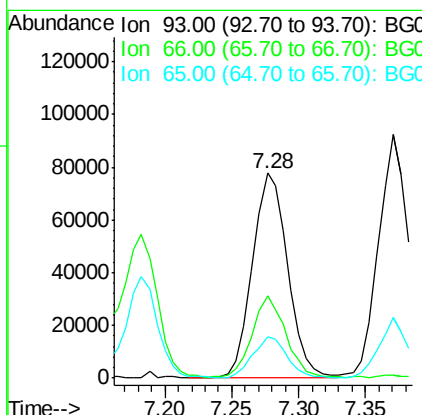
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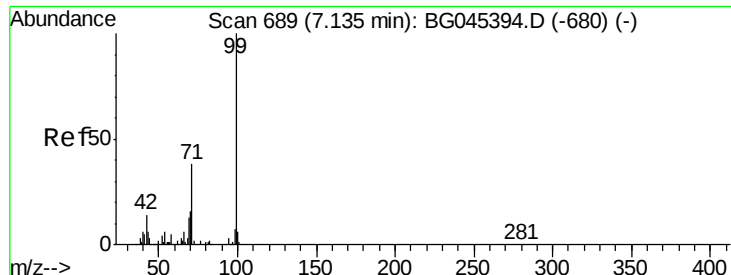
Delta R.T. -0.01 min

Lab File: BG045537.D

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	142002		
66	40.1	29.6	44.4	
65	20.3	15.9	23.9	





#7

Phenol-d6

Concen: 128.76 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

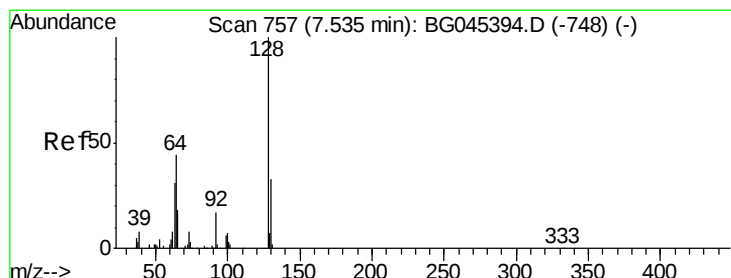
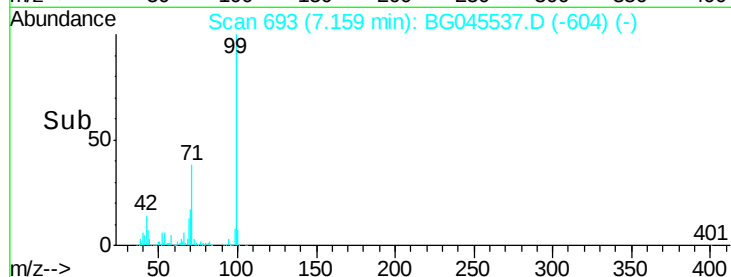
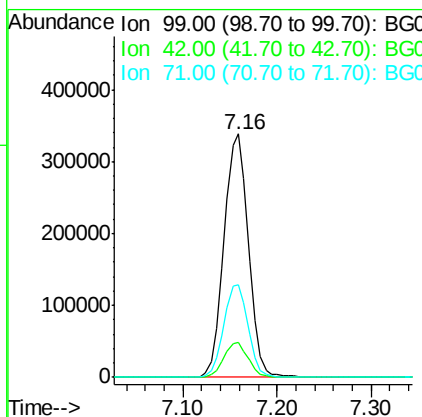
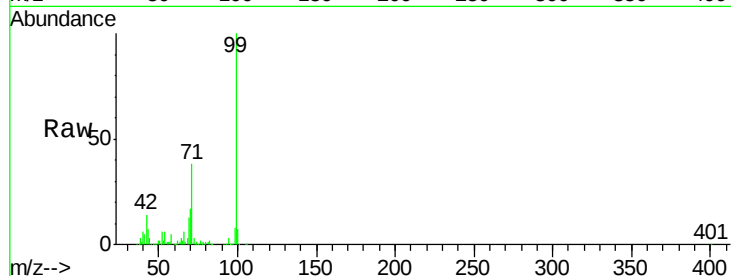
ClientSampleId :

PB129185BS

Tgt Ion:	99	Resp:	610838
Ion Ratio	Lower	Upper	
99	100		
42	14.3	11.3	16.9
71	38.1	30.8	46.2

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#8

2-Chlorophenol

Concen: 42.58 ng

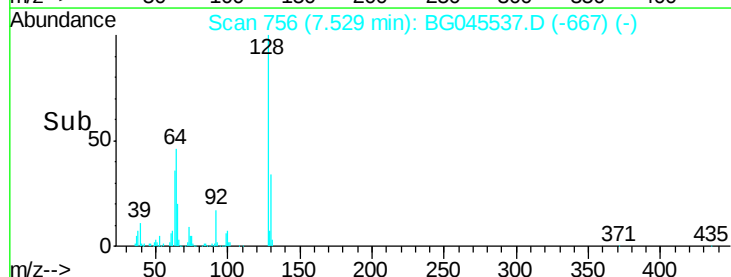
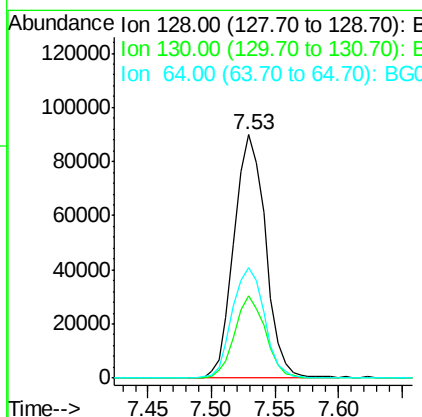
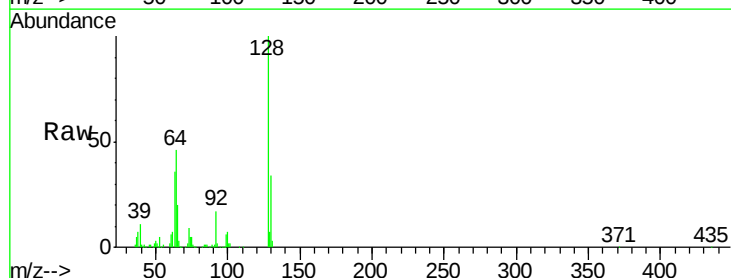
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Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Tgt Ion:	128	Resp:	155656
Ion Ratio	Lower	Upper	
128	100		
130	33.8	12.6	52.6
64	45.6	27.0	67.0





#9

Benzaldehyde

Concen: 33.59 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

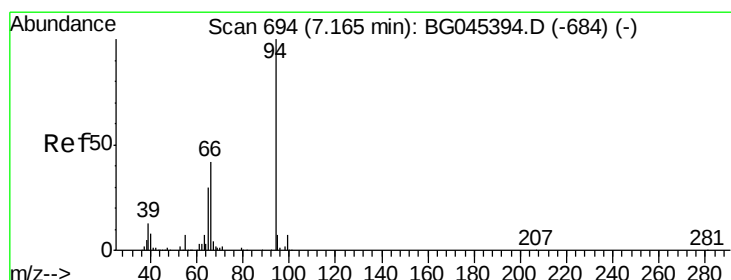
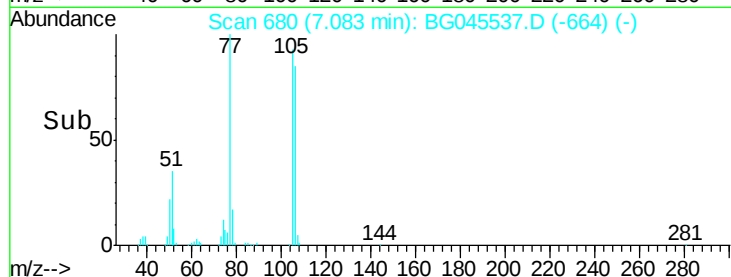
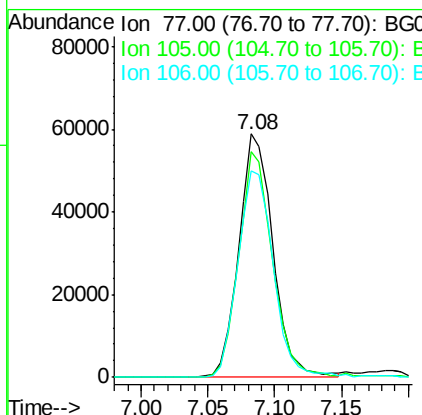
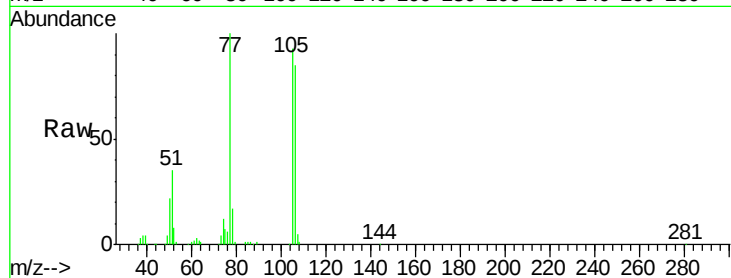
ClientSampleId :

PB129185BS

Tgt Ion:	77	Resp:	103811
Ion Ratio	Lower	Upper	
77	100		
105	92.7	68.5	108.5
106	84.7	71.6	111.6

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#10

Phenol

Concen: 42.52 ng

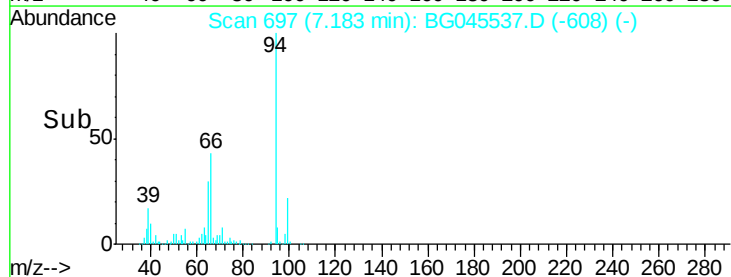
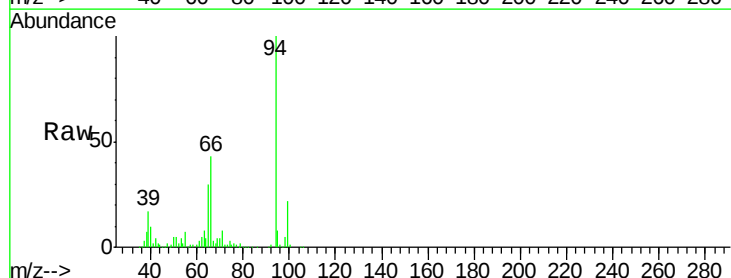
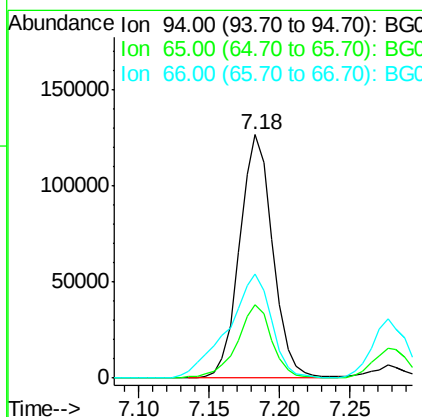
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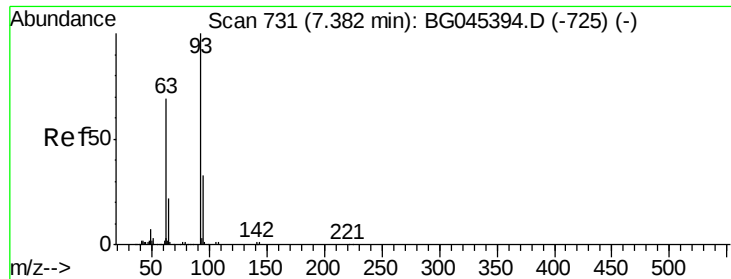
Delta R.T. -0.01 min

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Tgt Ion:	94	Resp:	207920
Ion Ratio	Lower	Upper	
94	100		
65	30.3	9.8	49.8
66	43.0	22.0	62.0





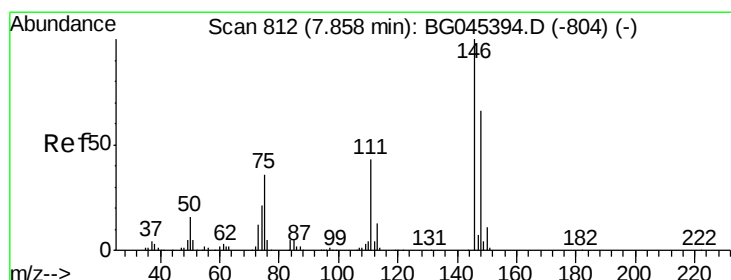
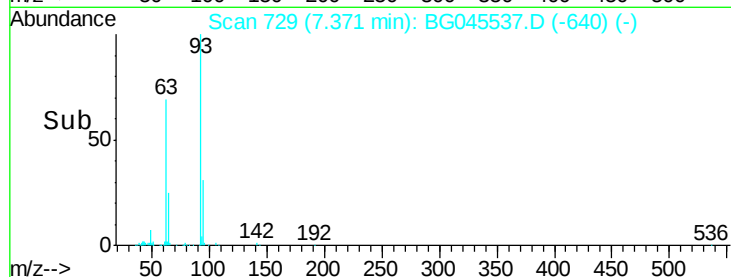
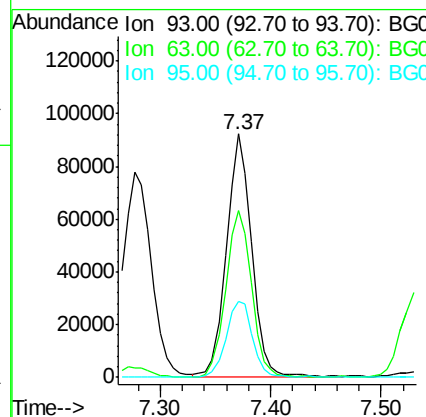
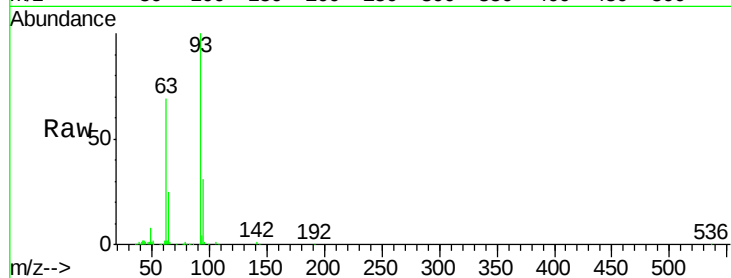
#11
bis(2-Chloroethyl)ether
Concen: 38.47 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	146704		
63	68.5	48.4	88.4	
95	30.9	12.4	52.4	

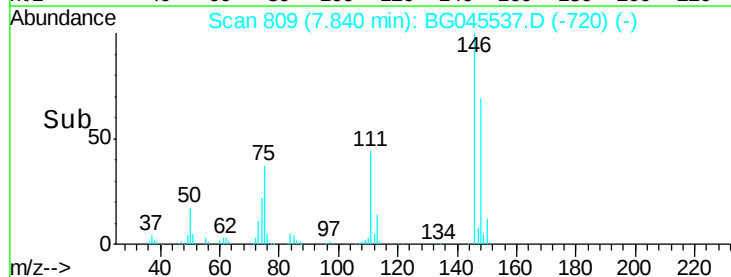
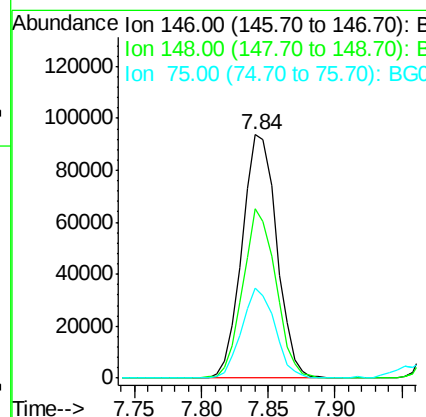
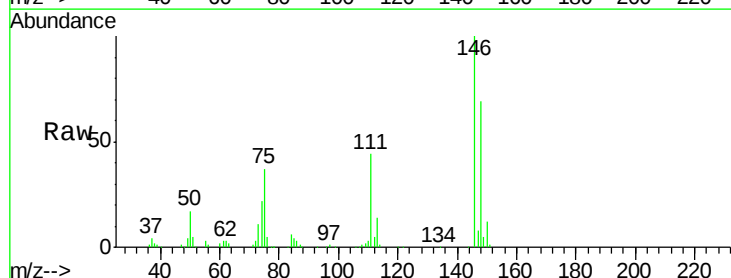
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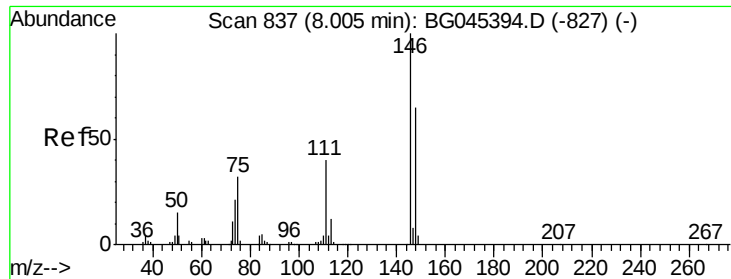
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.34 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	168392		
148	69.4	53.2	79.8	
75	37.1	28.6	43.0	





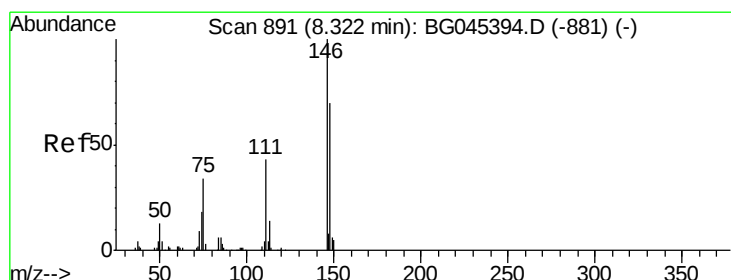
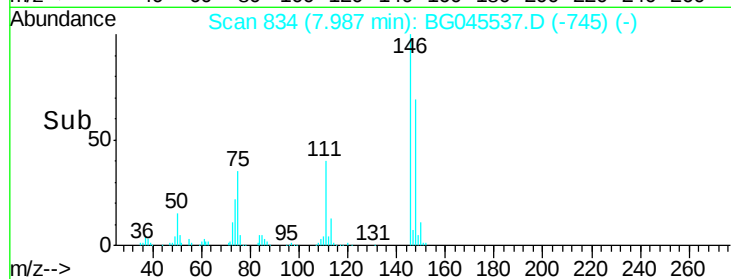
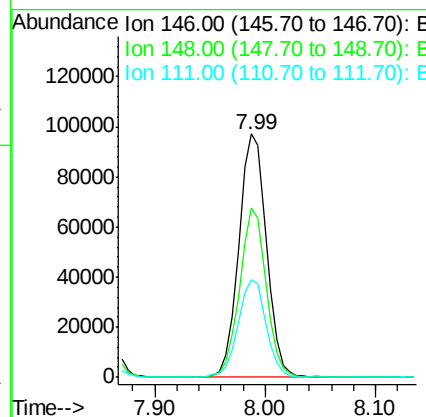
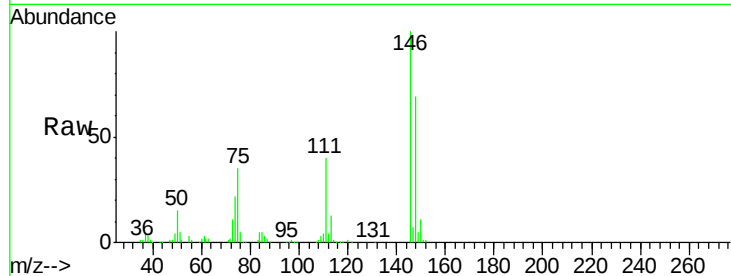
#13
 1,4-Dichlorobenzene
 Concen: 39.39 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Instrument :
 BNA_G
 ClientSampleId :
 PB129185BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	170760		
148	69.3	51.8	77.8	
111	40.3	32.1	48.1	

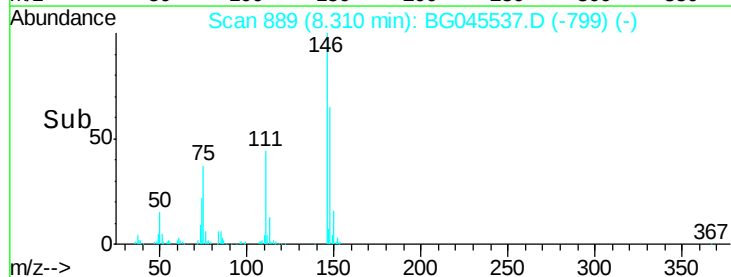
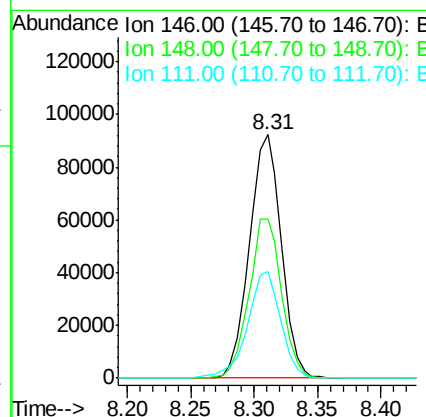
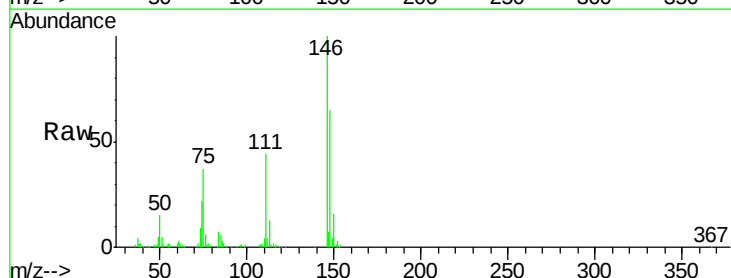
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#14
 1,2-Dichlorobenzene
 Concen: 38.75 ng
 RT: 8.31 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	161576		
148	65.4	55.9	83.9	
111	43.8	35.0	52.4	





#15

Benzyl Alcohol

Concen: 40.85 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

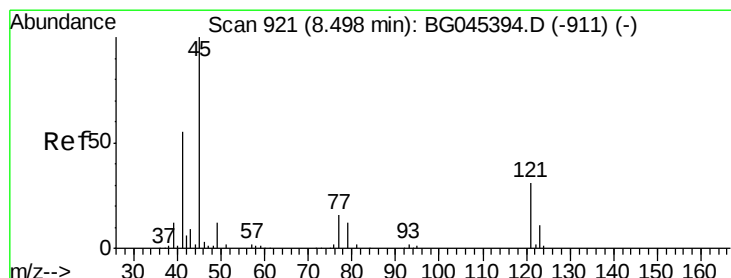
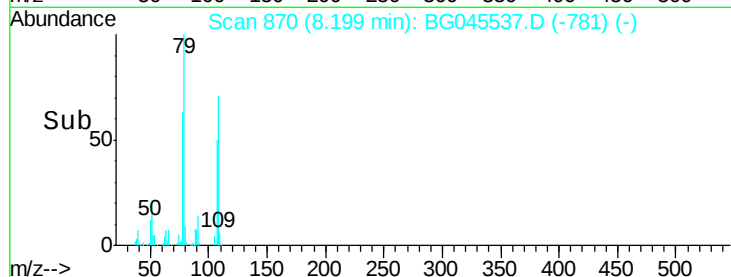
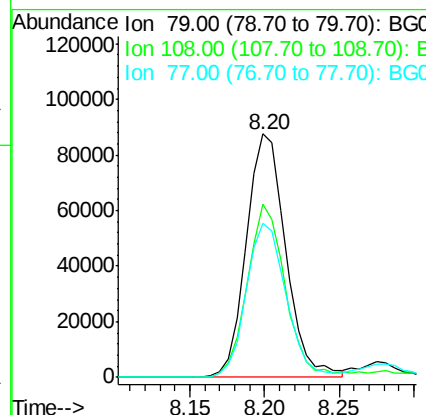
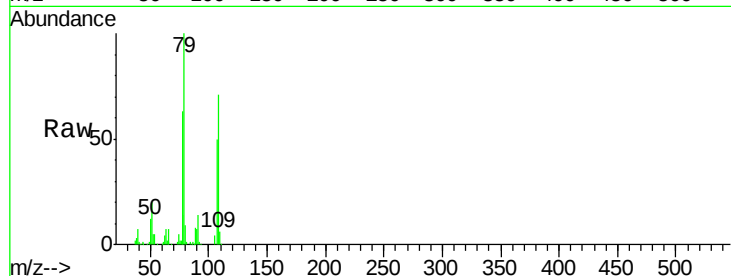
ClientSampleId :

PB129185BS

Tgt Ion:	79	Resp:	160096
Ion Ratio	Lower	Upper	
79	100		
108	71.3	58.2	87.4
77	63.5	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.00 ng

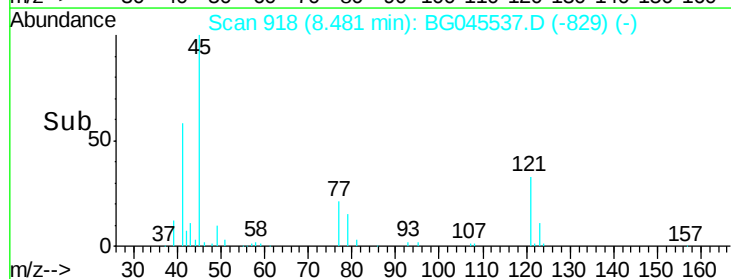
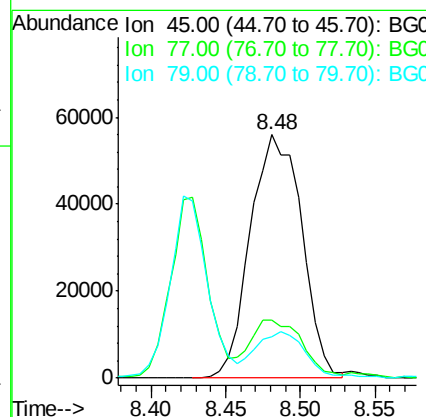
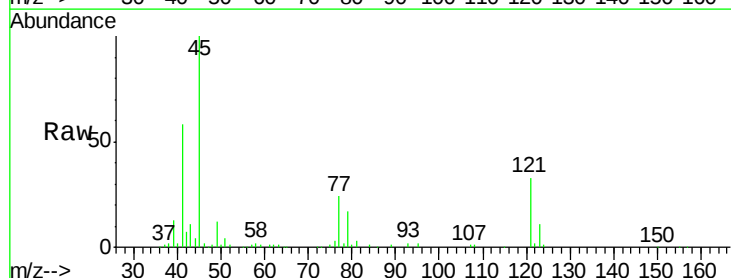
RT: 8.48 min Scan# 918

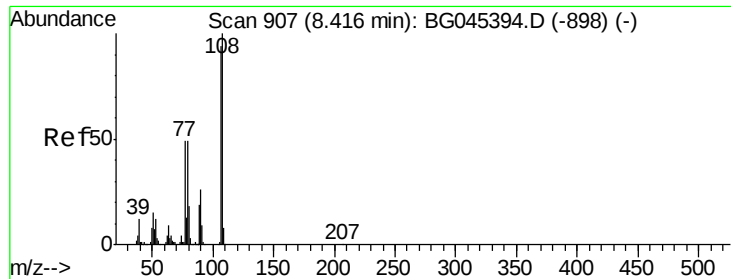
Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Tgt Ion:	45	Resp:	133956
Ion Ratio	Lower	Upper	
45	100		
77	23.9	4.0	44.0
79	16.9	0.0	38.6





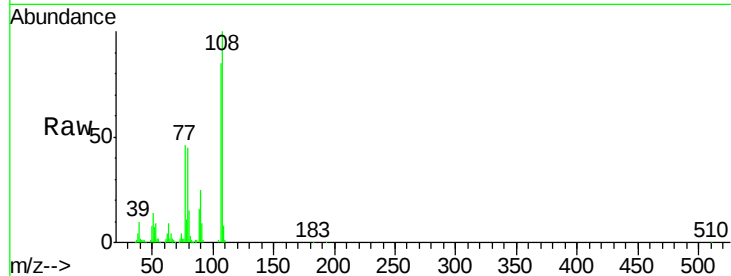
#17
2-Methylphenol
Concen: 37.85 ng
RT: 8.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

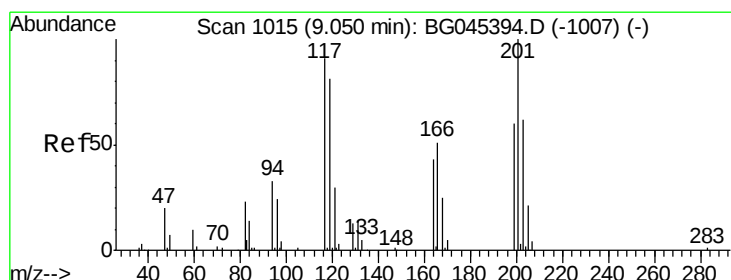
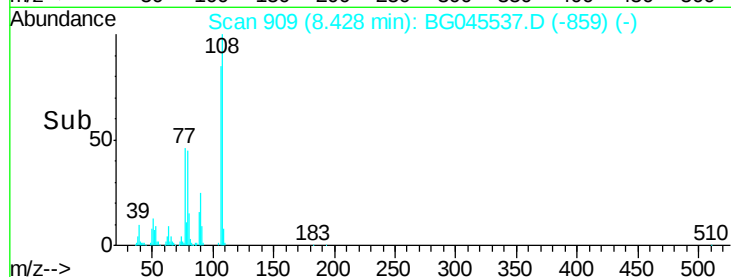
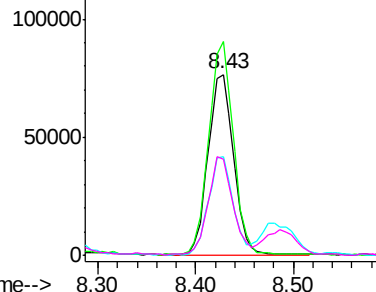
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	118.0	85.2	127.8	
77	54.2	41.6	62.4	
79	53.3	41.8	62.8	

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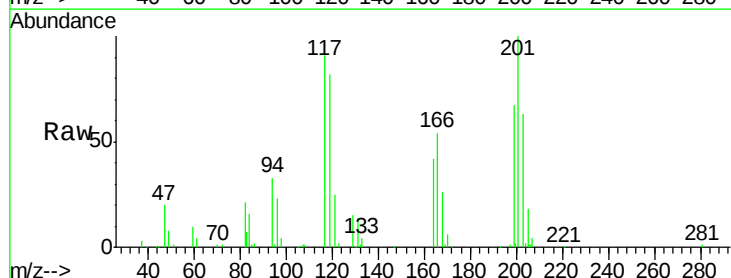


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

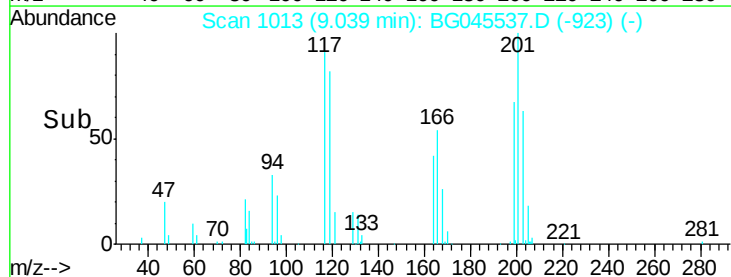
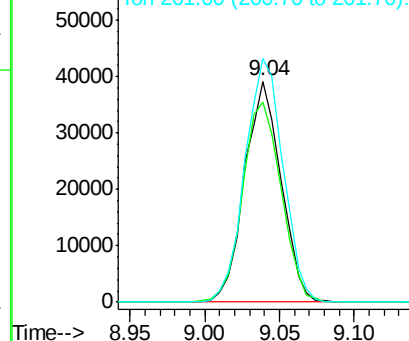


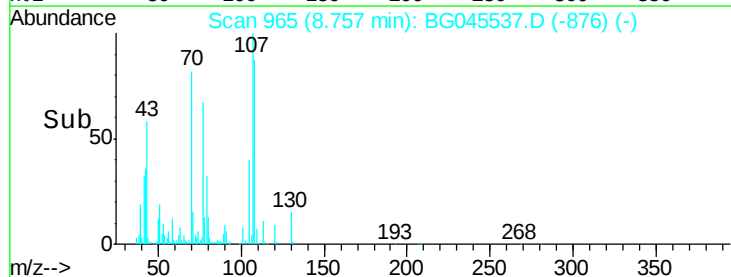
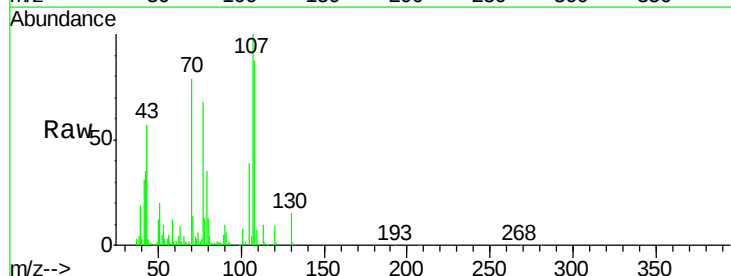
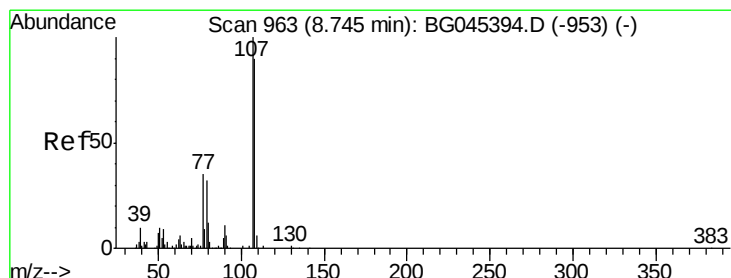
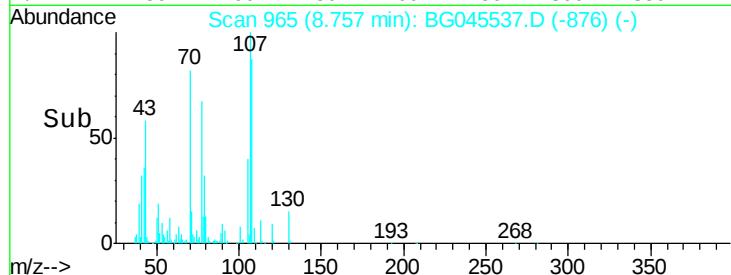
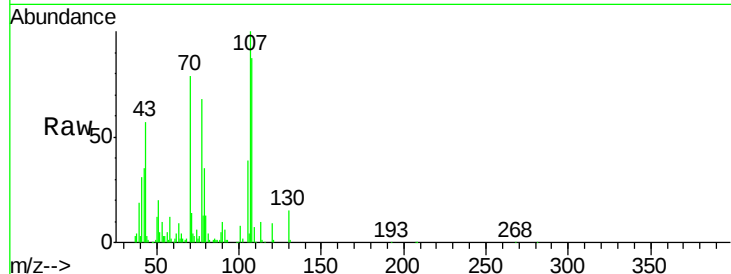
#18
Hexachloroethane
Concen: 39.88 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.9	71.3	106.9	
201	110.3	87.5	131.3	



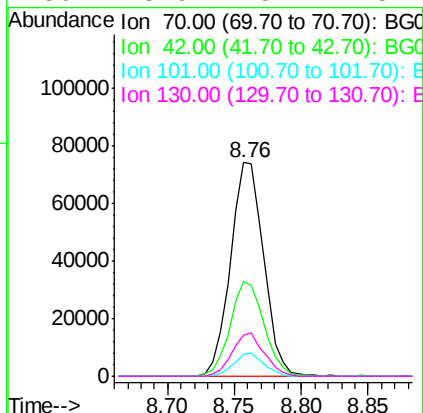
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 39.00 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	127959		
42	44.6	33.2	49.8	
101	10.0	7.8	11.6	
130	18.9	15.4	23.2	



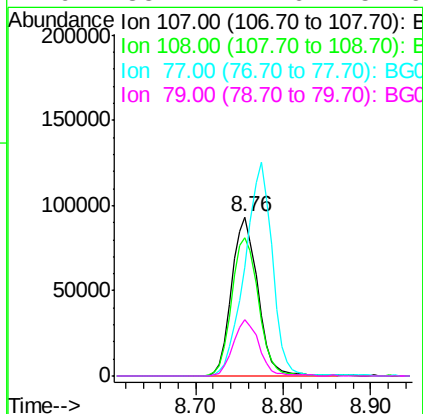
Instrument :
BNA_G
ClientSampleId :
PB129185BS

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#20
3+4-Methylphenols
Concen: 38.01 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	189425		
108	87.4	70.3	110.3	
77	68.4	15.4	55.4	
79	35.2	12.6	52.6	





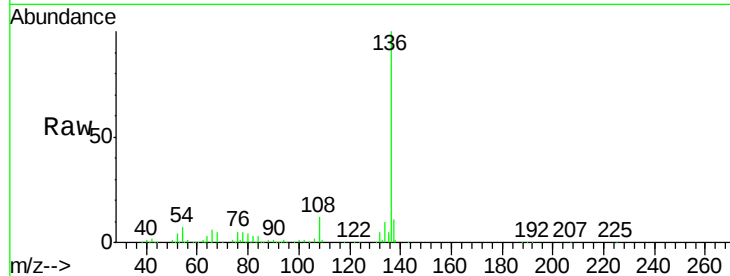
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	259782		
137	11.3	9.4	14.2	
54	6.7	5.8	8.6	
68	5.4	4.5	6.7	

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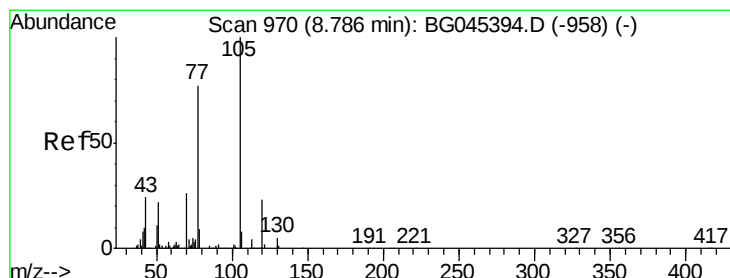
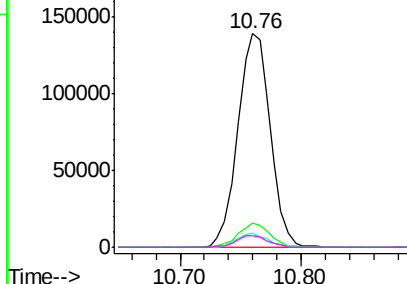
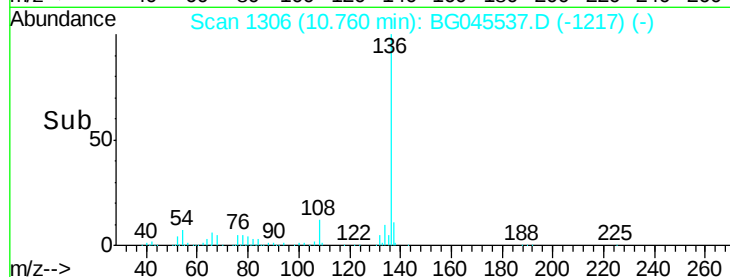
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

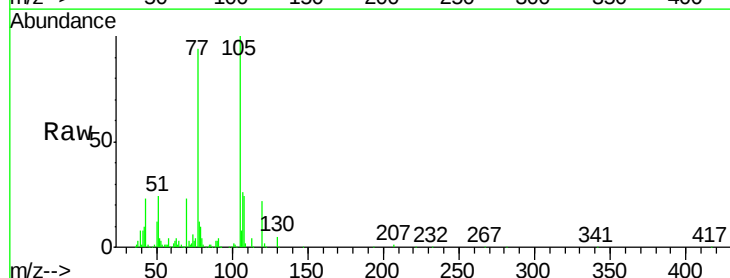
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.37 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	236269		
71	3.2	3.4	5.0#	
51	24.3	18.2	27.2	
120	22.1	18.6	27.8	



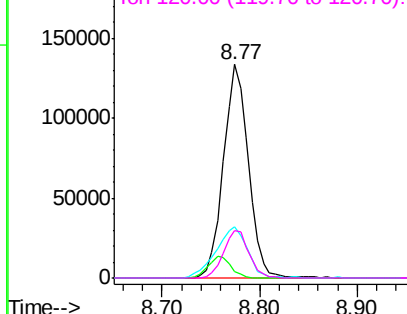
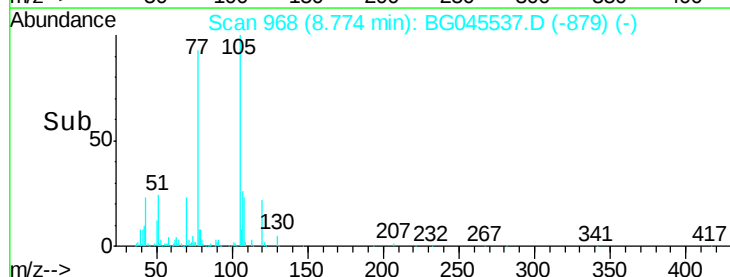
Abundance

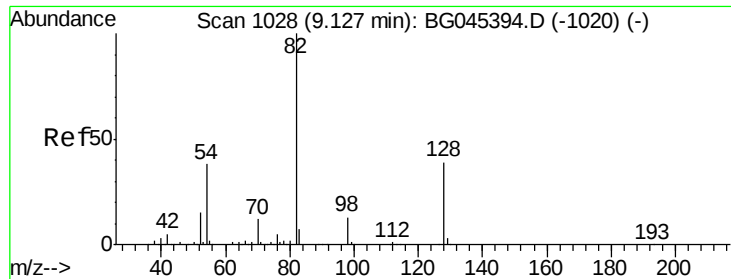
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





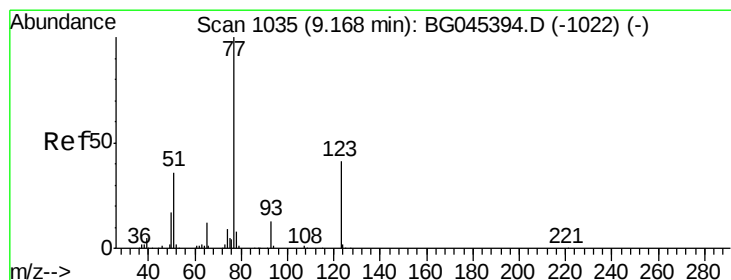
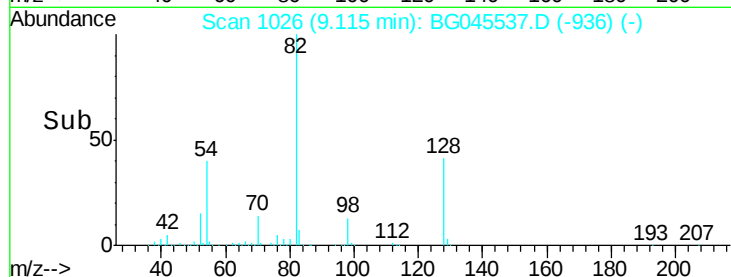
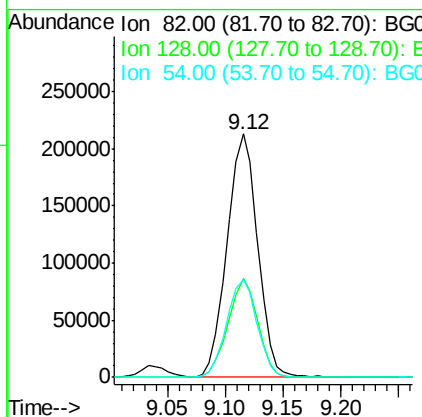
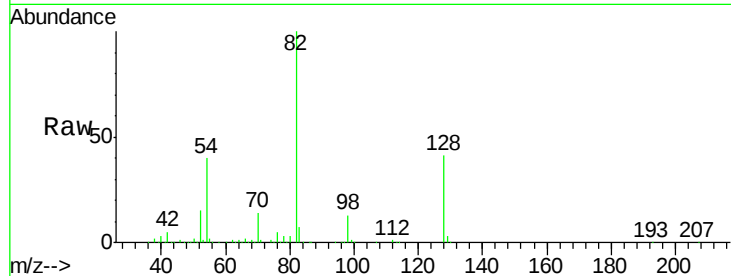
#23
 Nitrobenzene-d5
 Concen: 81.67 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Instrument :
 BNA_G
 ClientSampleId :
 PB129185BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	40.8	30.9	46.3
54	40.2	30.3	45.5

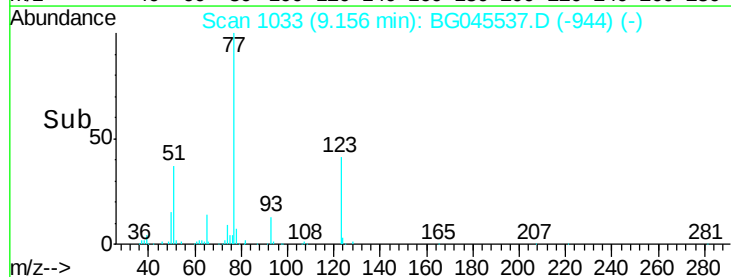
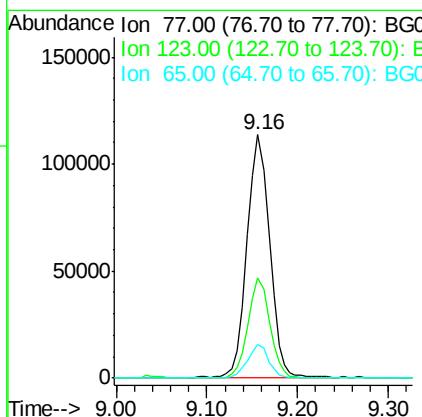
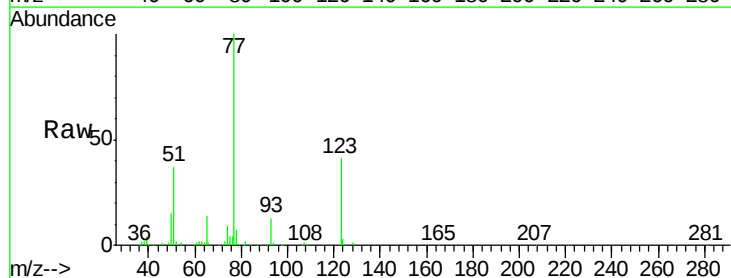
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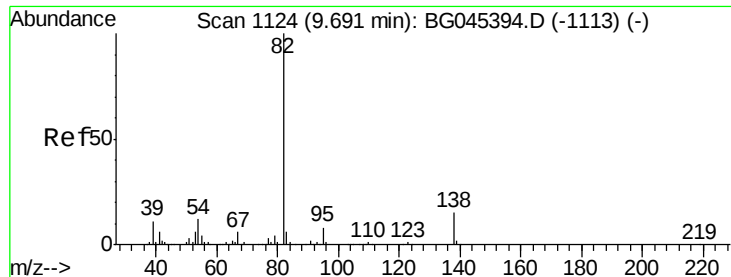
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#24
 Nitrobenzene
 Concen: 39.08 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	41.2	32.9	49.3
65	13.8	9.4	14.2





#25

Isophorone

Concen: 38.04 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

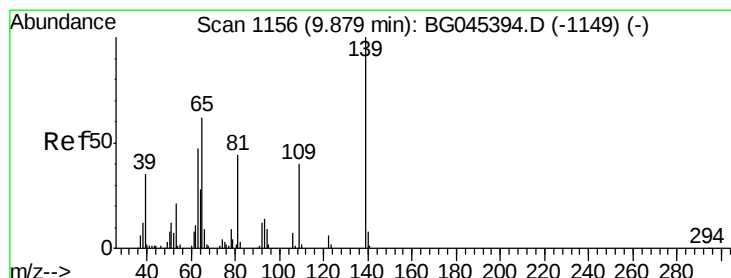
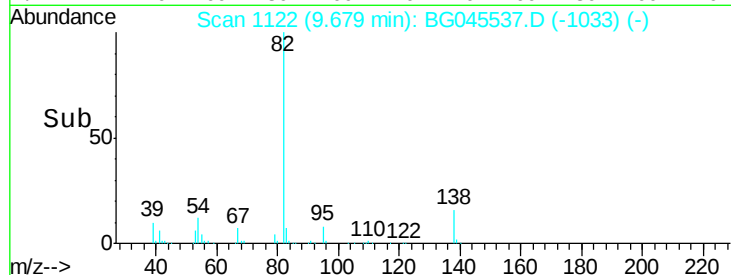
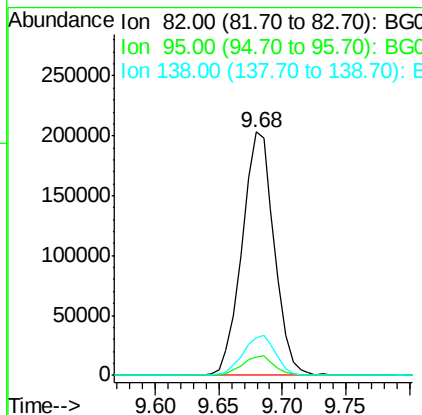
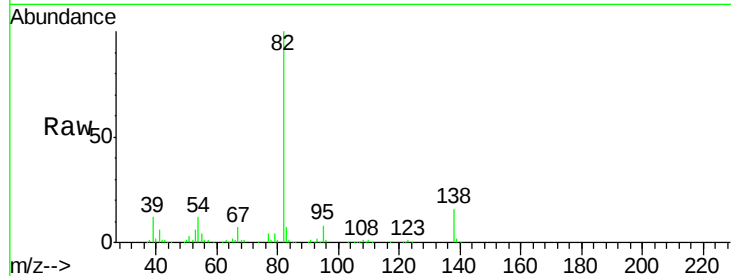
ClientSampleId :

PB129185BS

Tgt Ion:	82	Resp:	356894
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.7	10.1
138	15.5	12.2	18.4

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#26

2-Nitrophenol

Concen: 41.15 ng

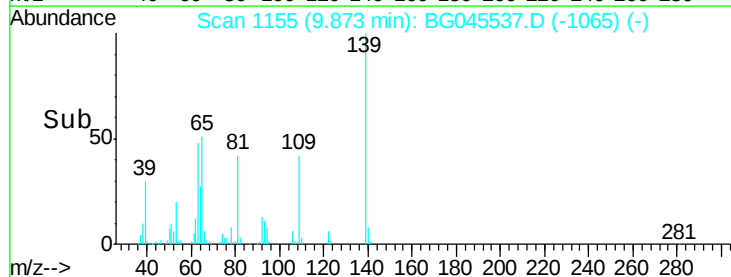
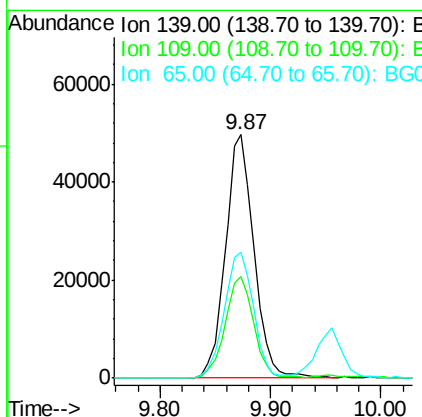
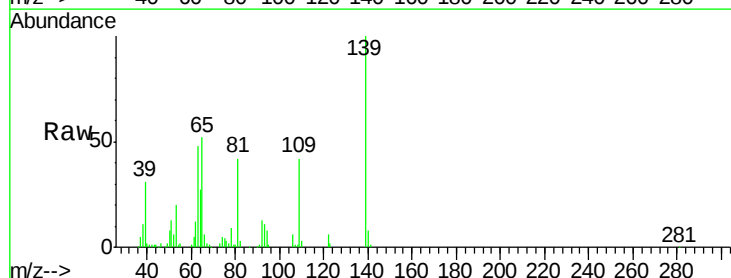
RT: 9.87 min Scan# 1155

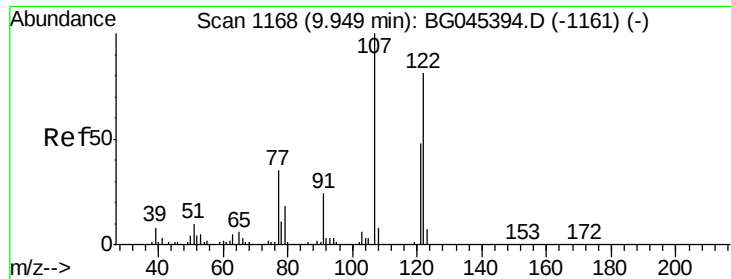
Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Tgt Ion:	139	Resp:	89842
Ion Ratio	Lower	Upper	
139	100		
109	41.7	32.2	48.4
65	51.7	49.6	74.4





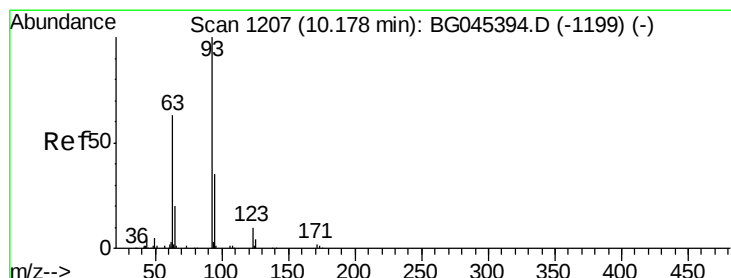
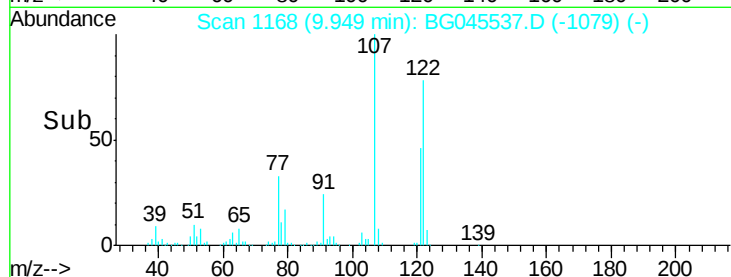
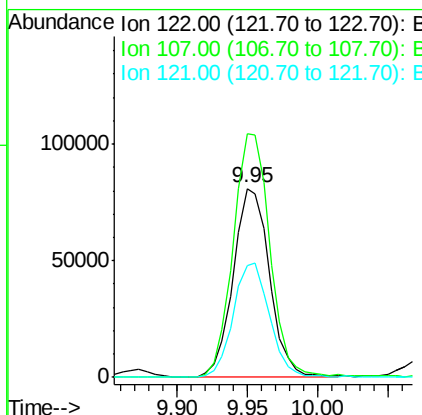
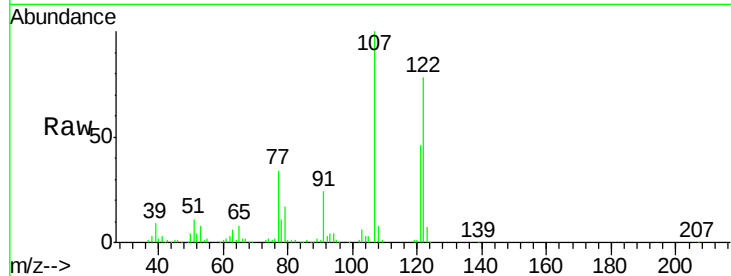
#27
 2,4-Dimethylphenol
 Concen: 45.09 ng
 RT: 9.95 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Instrument :
 BNA_G
 ClientSampleId :
 PB129185BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	146026		
107	129.0	99.0	148.4	
121	59.1	47.7	71.5	

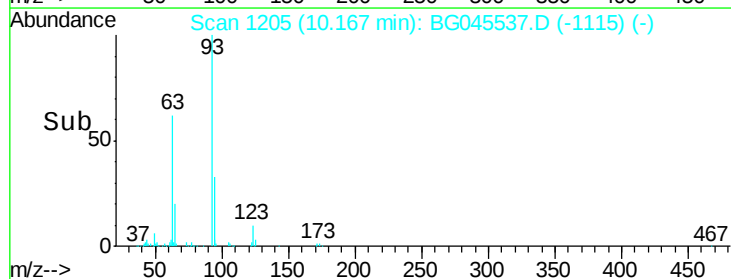
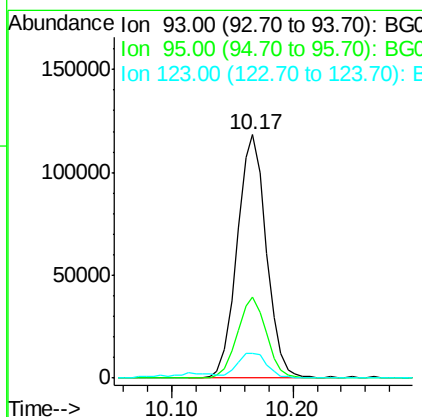
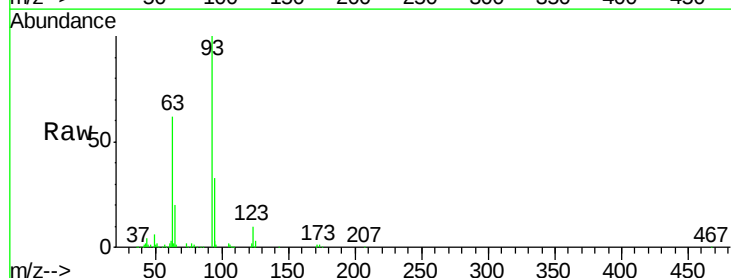
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.54 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	199448		
95	33.3	27.6	41.4	
123	10.2	8.1	12.1	





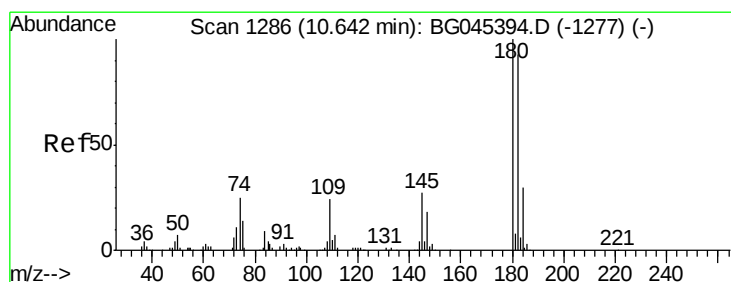
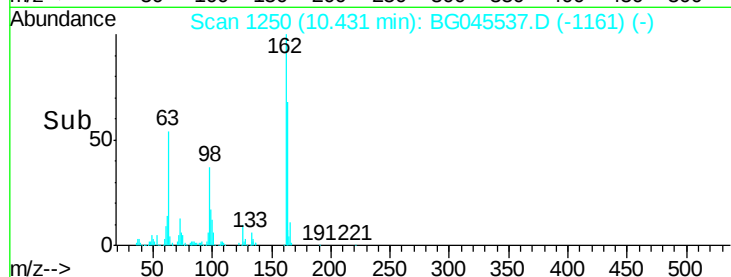
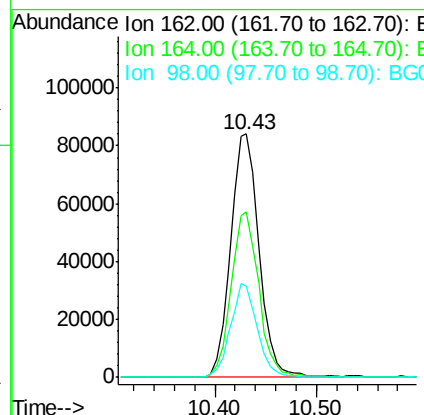
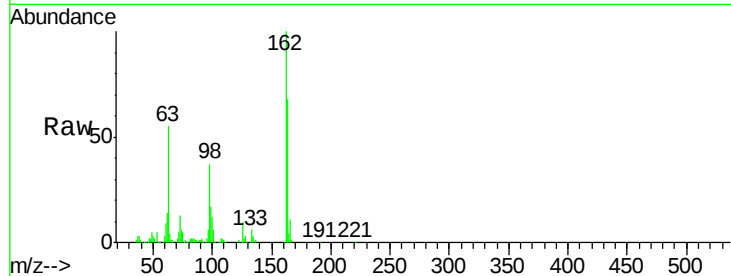
#29
 2,4-Dichlorophenol
 Concen: 42.65 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Instrument :
 BNA_G
 ClientSampleId :
 PB129185BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	68.0	46.8	86.8
98	37.5	15.2	55.2

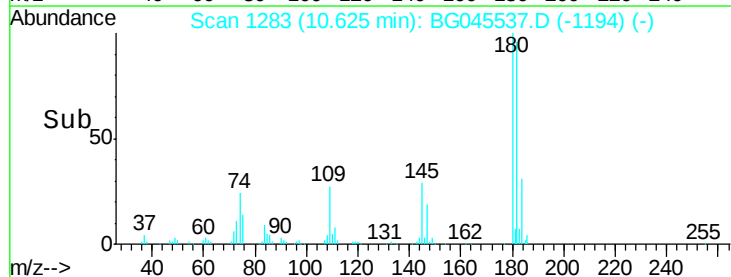
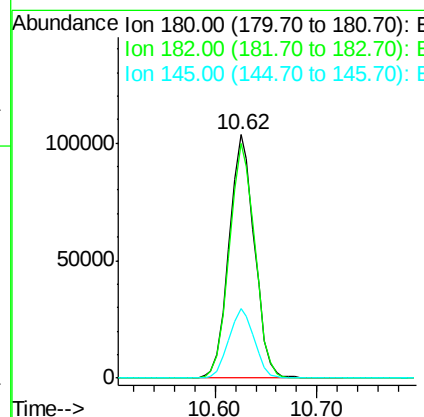
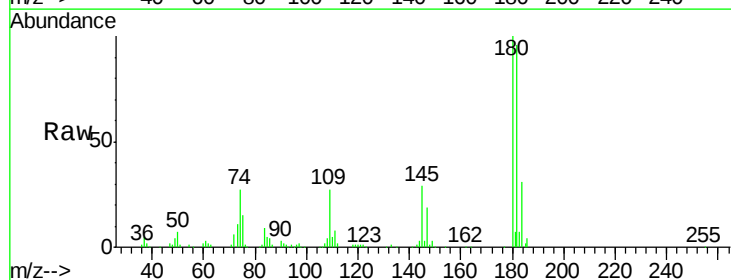
Manual Integrations
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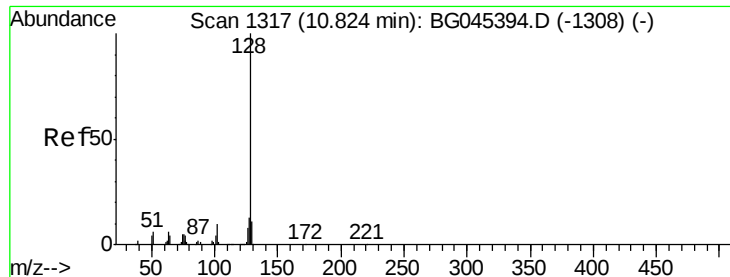
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.76 ng
 RT: 10.62 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.4	74.8	112.2
145	28.8	21.9	32.9





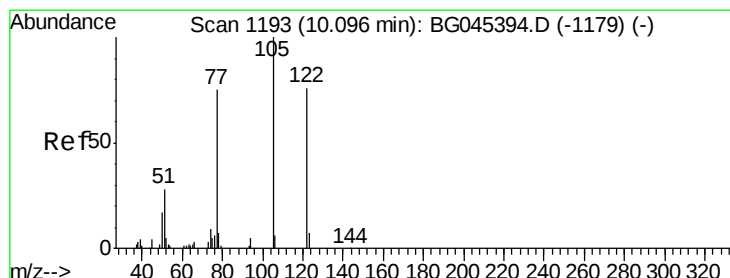
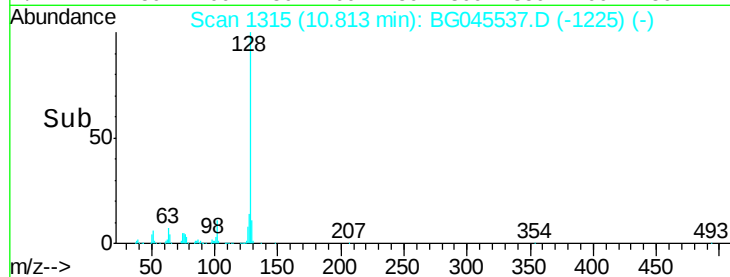
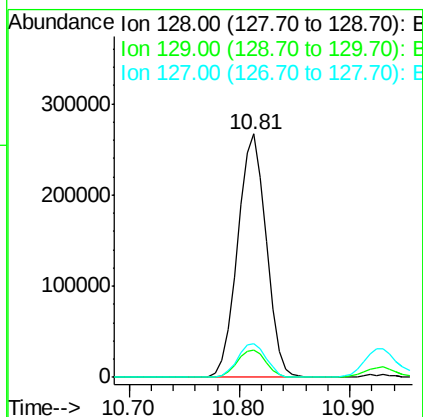
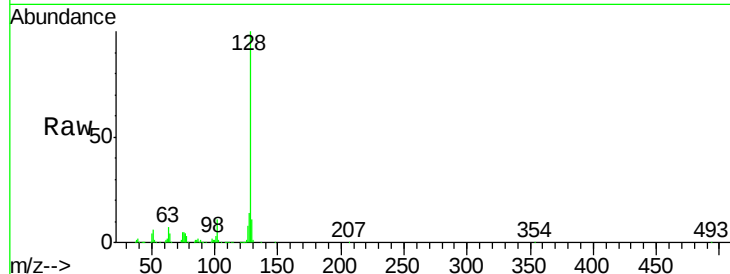
#31
Naphthalene
Concen: 40.17 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	486342		
129	11.4	9.0	13.6	
127	13.8	10.7	16.1	

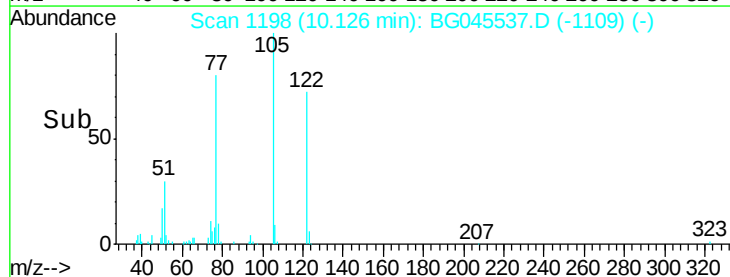
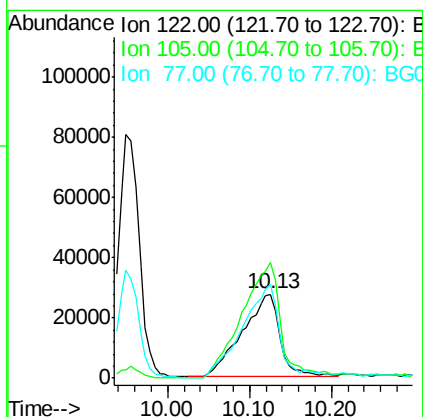
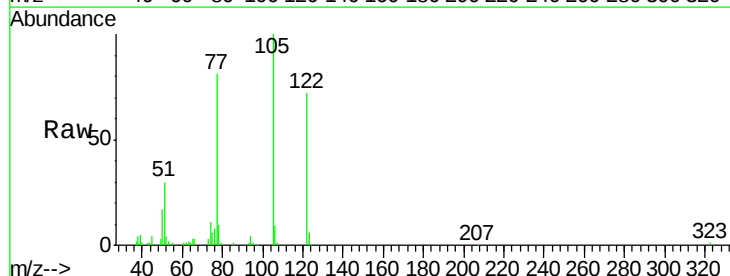
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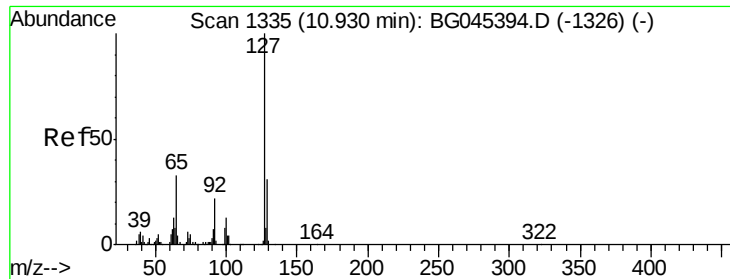
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#32
Benzoic acid
Concen: 41.92 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	88797		
105	138.3	107.9	147.9	
77	111.5	78.9	118.9	





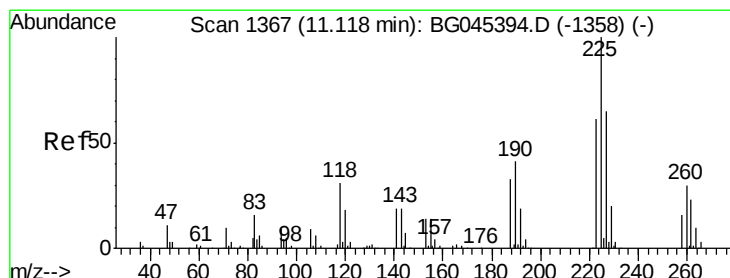
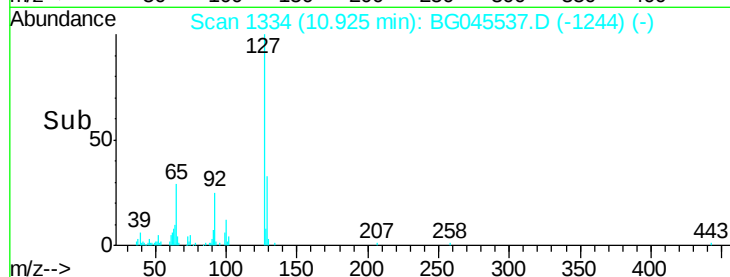
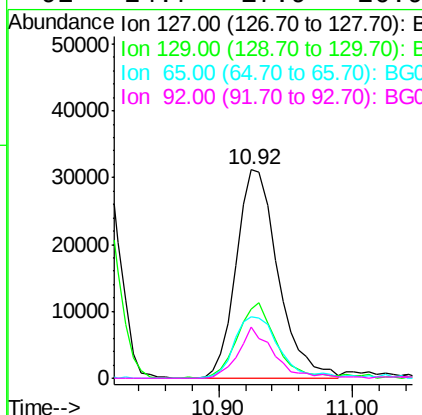
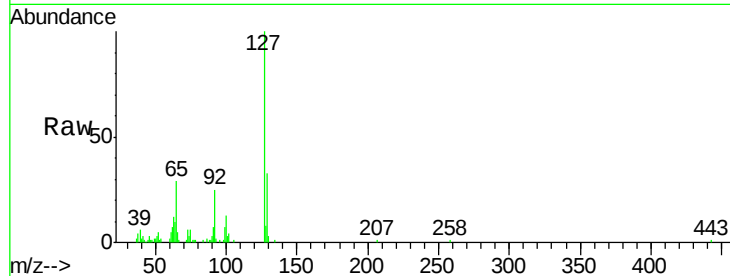
#33
4-Chloroaniline
Concen: 13.41 ng
RT: 10.92 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.2	24.7	37.1
65	29.3	26.2	39.2
92	24.7	17.9	26.9

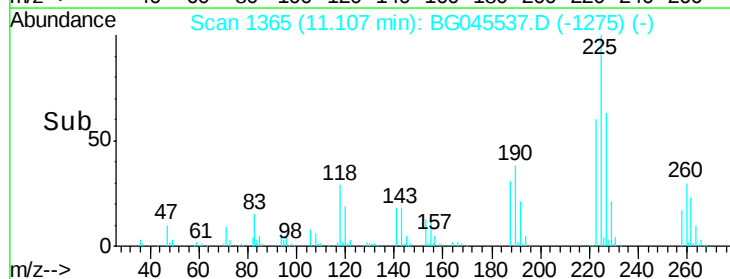
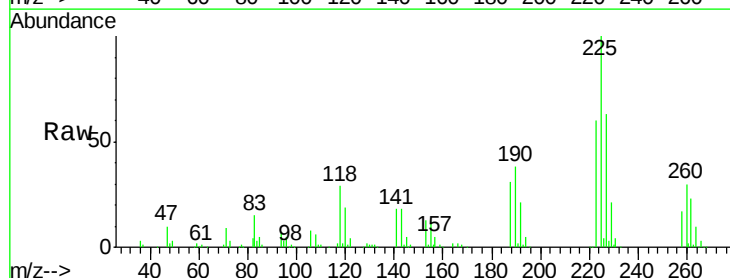
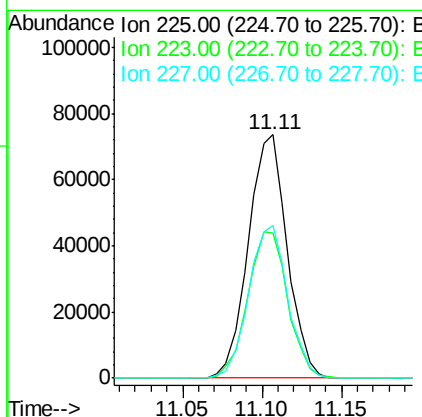
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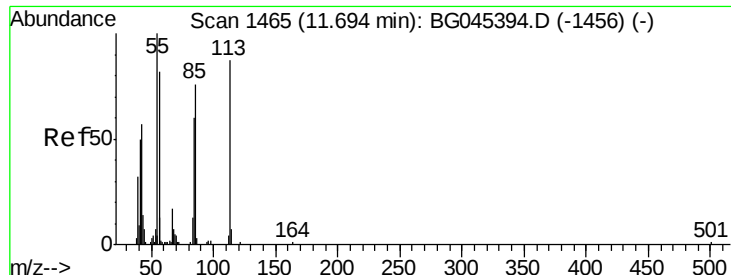
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#34
Hexachlorobutadiene
Concen: 39.21 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	59.6	49.1	73.7
227	62.7	52.0	78.0





#35

Caprolactam

Concen: 39.64 ng m

RT: 11.69 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

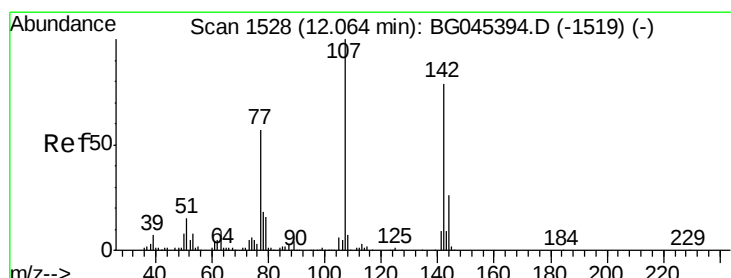
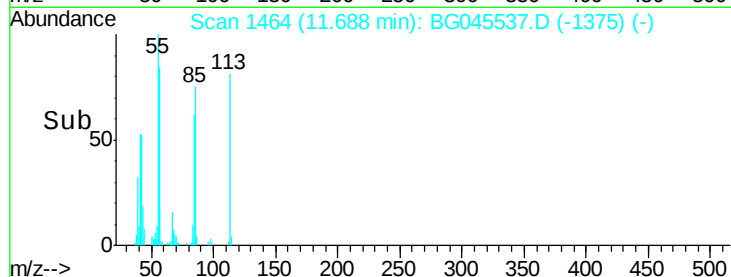
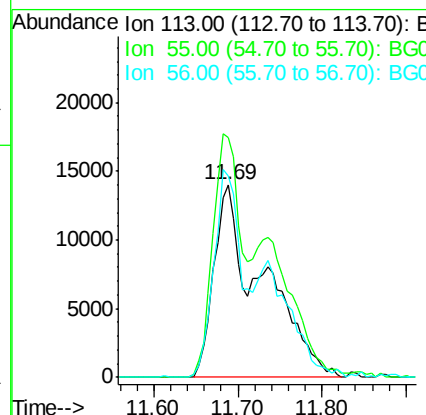
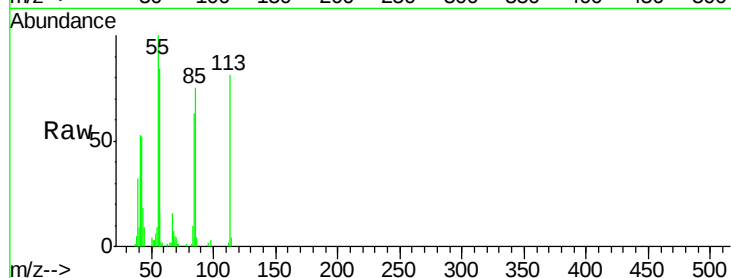
ClientSampleId :

PB129185BS

Tgt Ion:	113	Resp:	55644
Ion Ratio	Lower	Upper	
113	100		
55	124.0	96.0	136.0
56	104.1	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 42.44 ng

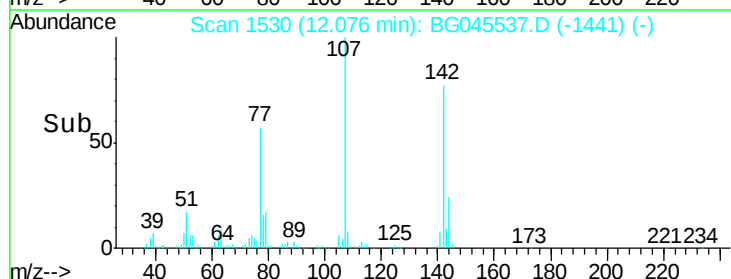
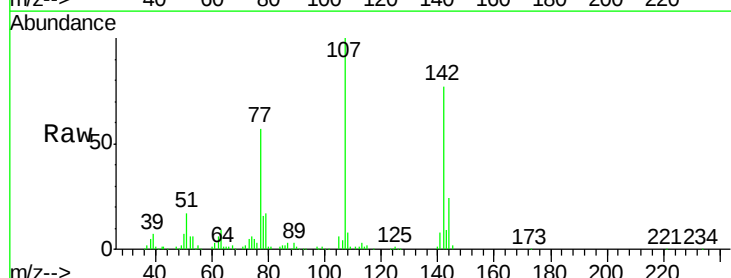
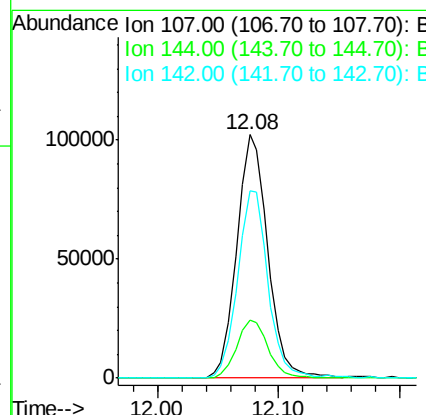
RT: 12.08 min Scan# 1530

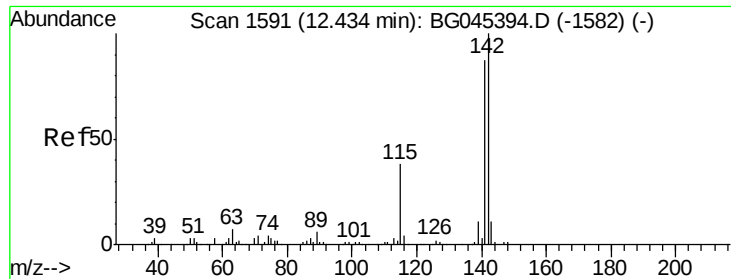
Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Tgt Ion:	107	Resp:	182881
Ion Ratio	Lower	Upper	
107	100		
144	24.0	20.8	31.2
142	76.7	62.8	94.2





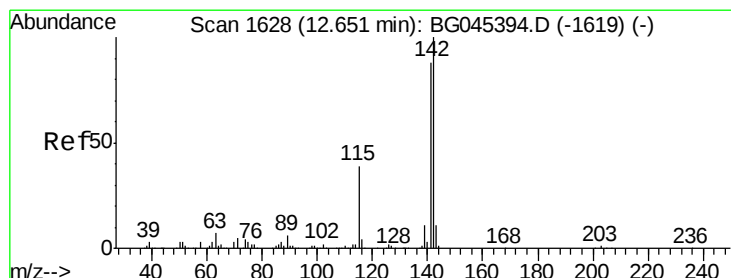
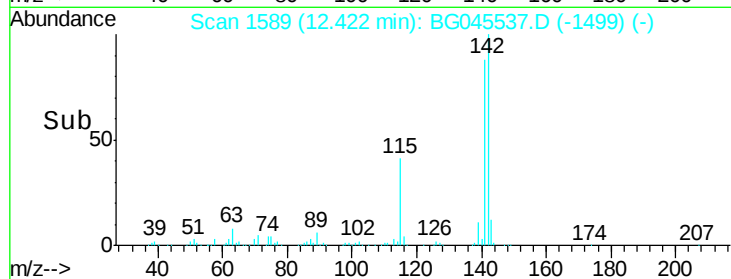
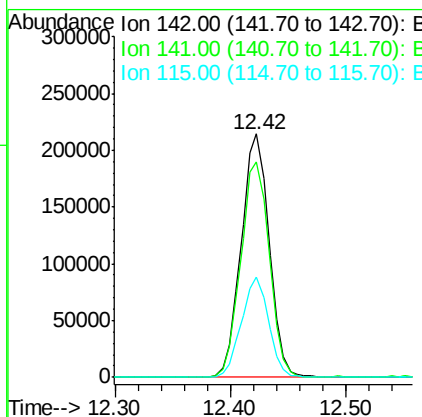
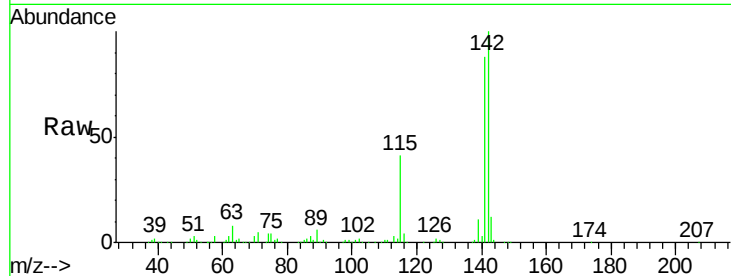
#37
2-Methylnaphthalene
Concen: 40.05 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	361379		
141	88.4	70.0	105.0	
115	41.3	30.8	46.2	

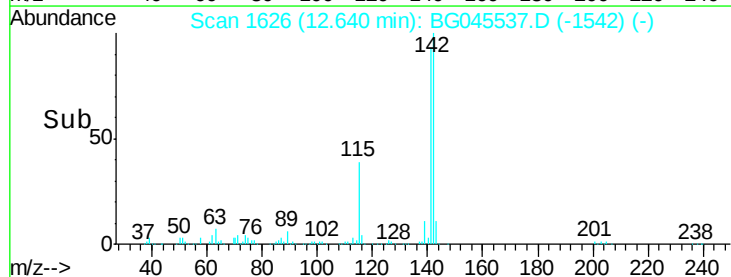
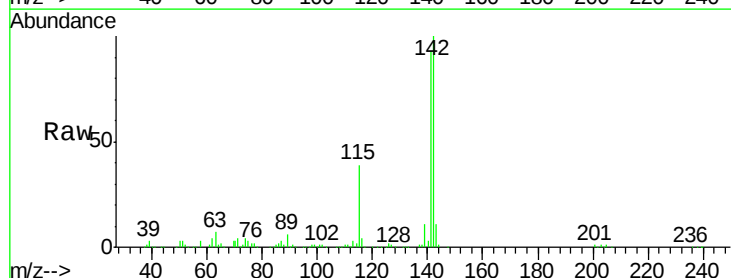
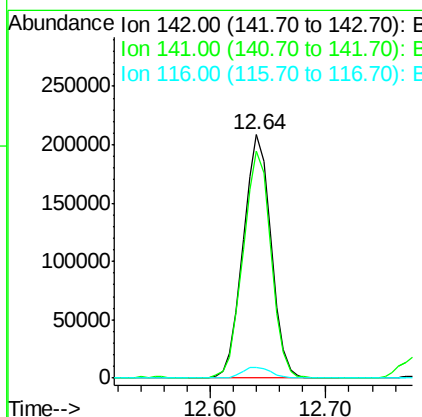
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#38
1-Methylnaphthalene
Concen: 40.91 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	348714		
141	93.2	70.8	106.2	
116	4.3	3.0	4.6	





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

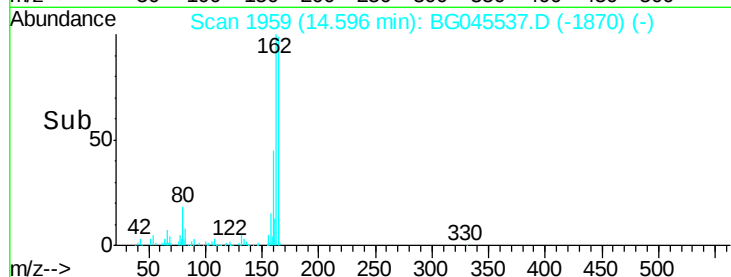
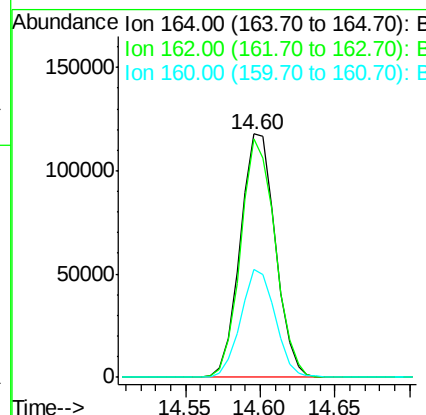
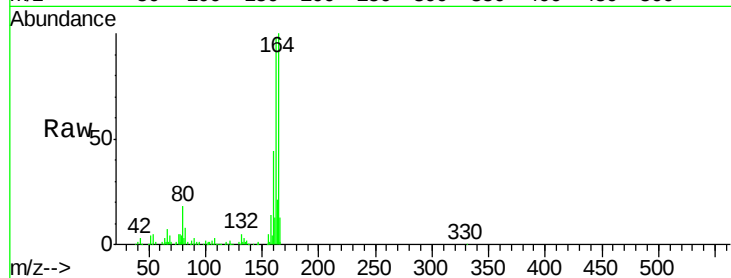
ClientSampleId :

PB129185BS

Tgt Ion:	164	Resp:	192259
Ion Ratio		Lower	Upper
164	100		
162	98.0	76.9	115.3
160	44.2	33.8	50.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.92 ng

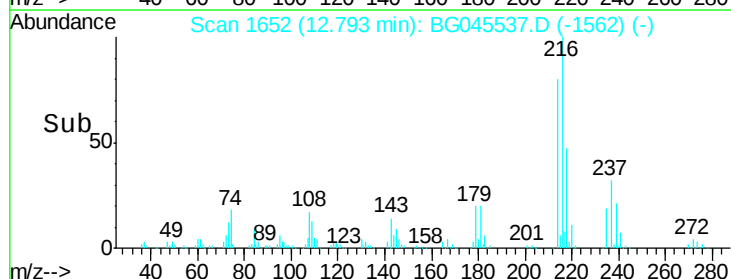
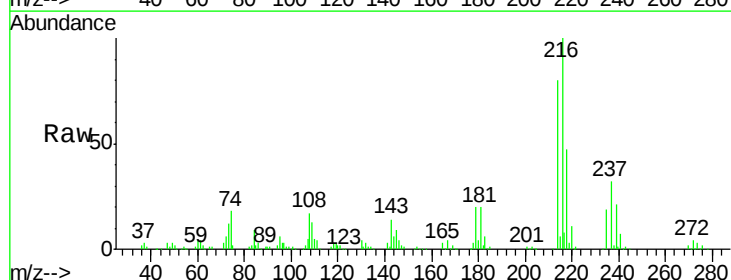
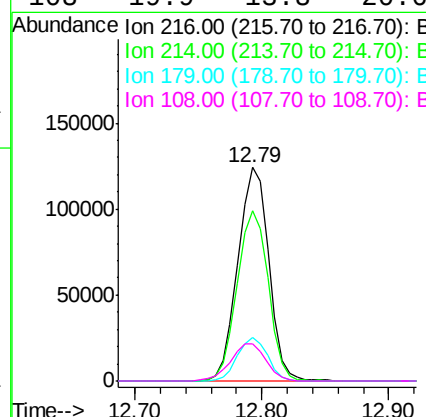
RT: 12.79 min Scan# 1652

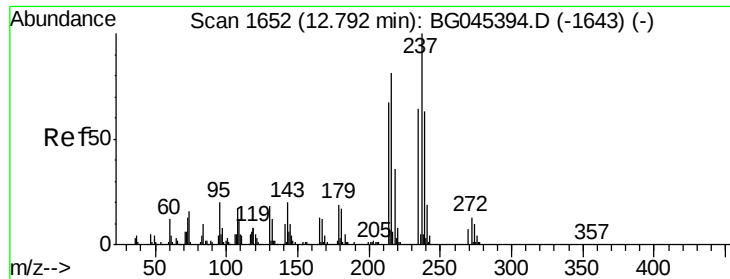
Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Tgt Ion:	216	Resp:	208977
Ion Ratio		Lower	Upper
216	100		
214	80.6	63.7	95.5
179	19.9	16.1	24.1
108	19.9	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 79.35 ng

RT: 12.77 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

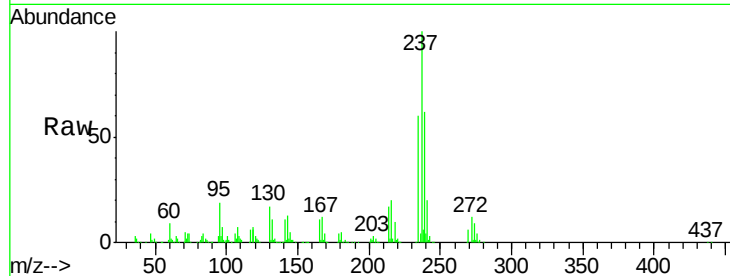
ClientSampleId :

PB129185BS

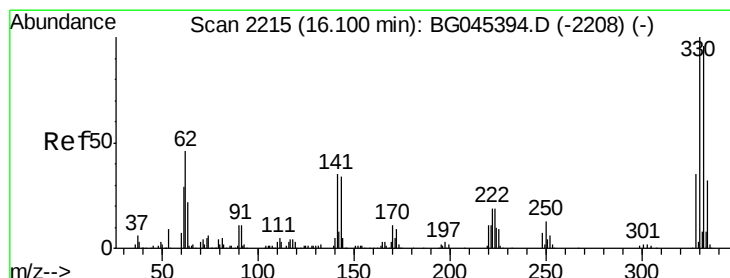
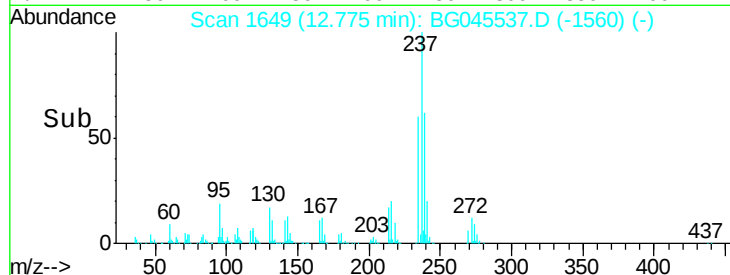
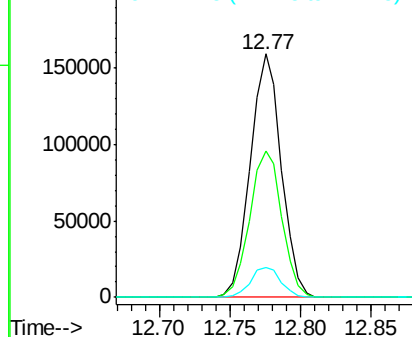
Tgt Ion:	237	Resp:	245934
Ion Ratio	Lower	Upper	
237	100		
235	59.9	44.4	84.4
272	12.3	0.0	32.5

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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: 119.71 ng

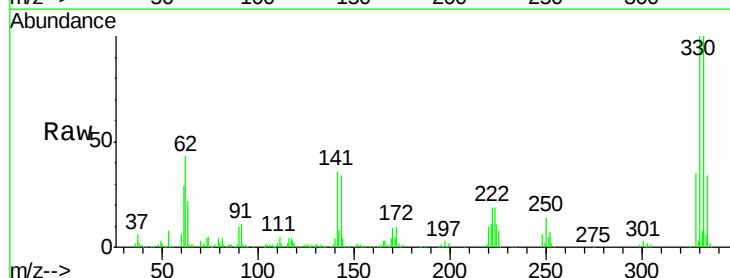
RT: 16.09 min Scan# 2214

Delta R.T. -0.00 min

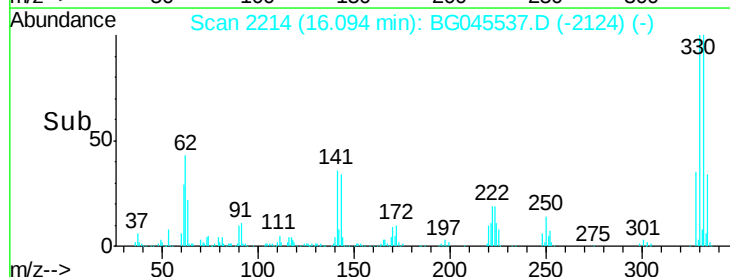
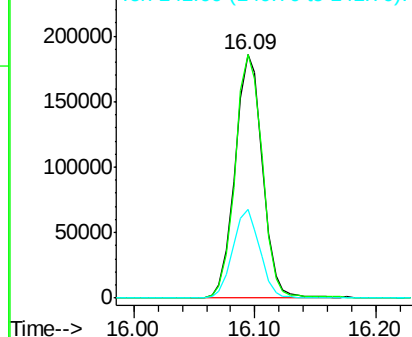
Lab File: BG045537.D

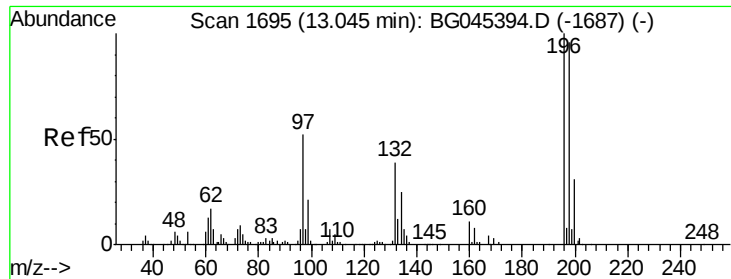
Acq: 30 May 2020 2:42

Tgt Ion:	330	Resp:	294333
Ion Ratio	Lower	Upper	
330	100		
332	99.9	78.2	117.4
141	35.6	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





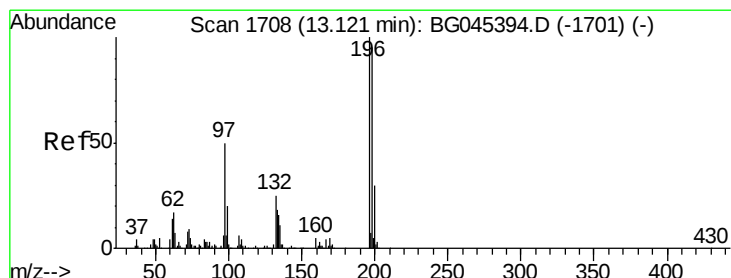
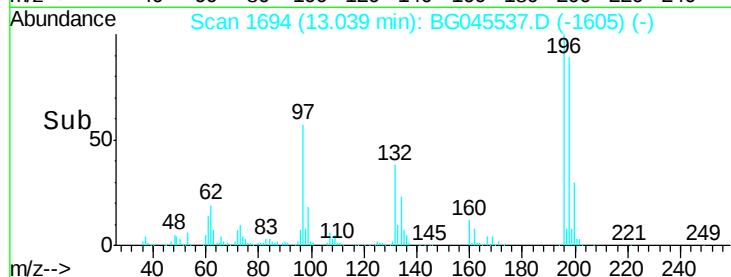
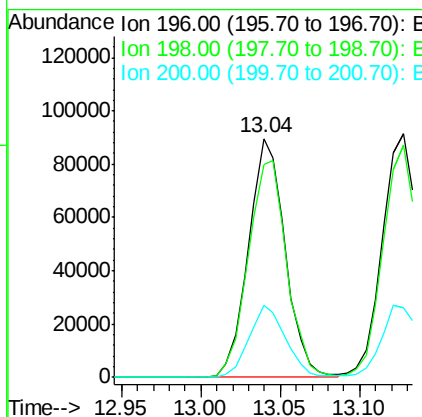
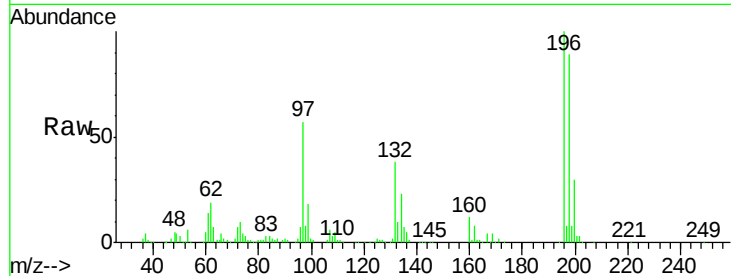
#43
 2,4,6-Trichlorophenol
 Concen: 38.75 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Instrument :
 BNA_G
 ClientSampleId :
 PB129185BS

Tgt Ion:	196	Resp:	144557
Ion Ratio	Lower	Upper	
196	100		
198	88.9	76.7	115.1
200	30.3	24.9	37.3

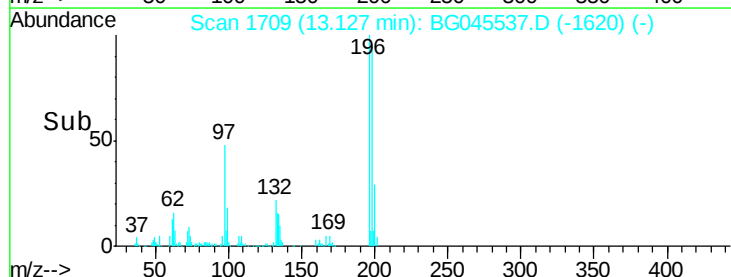
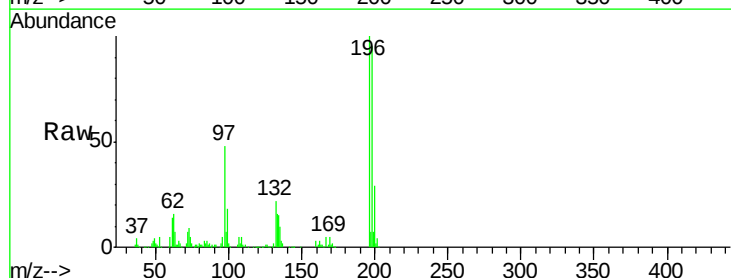
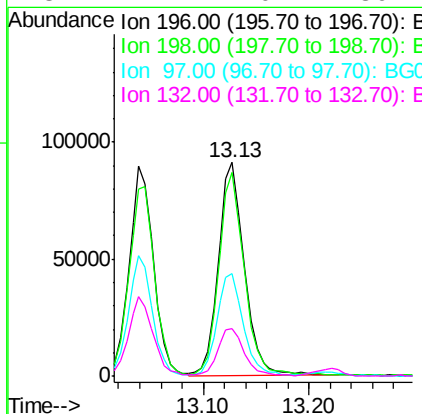
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#44
 2,4,5-Trichlorophenol
 Concen: 36.50 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Tgt Ion:	196	Resp:	155597
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.1	114.1
97	48.2	40.0	60.0
132	22.1	20.2	30.2





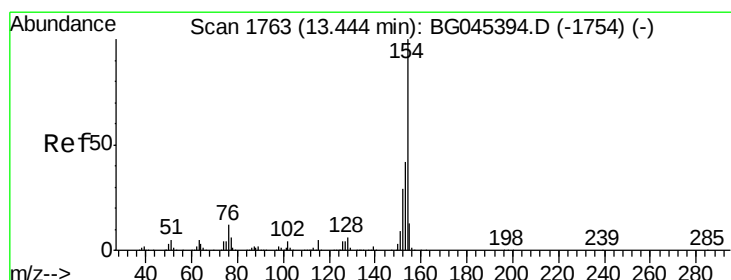
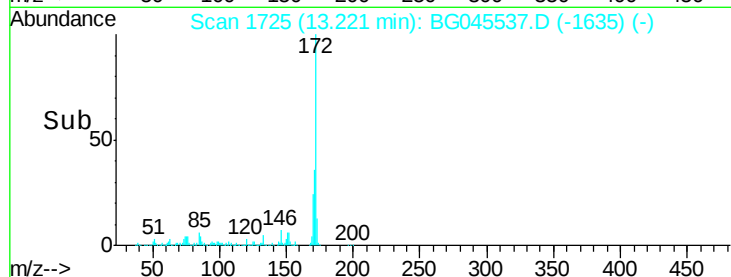
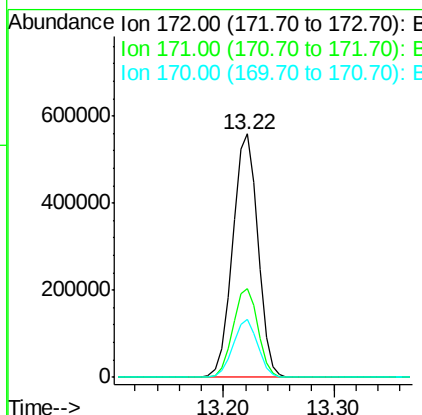
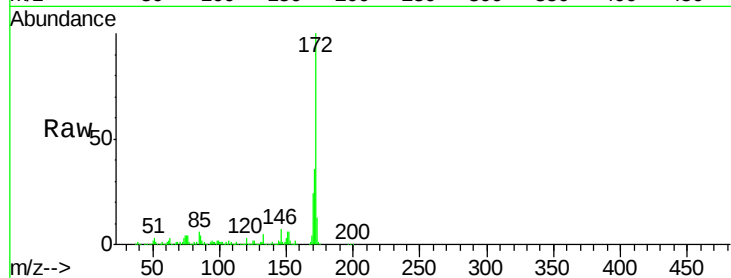
#45
2-Fluorobiphenyl
Concen: 79.13 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	896946		
171	36.3	29.5	44.3	
170	23.7	18.5	27.7	

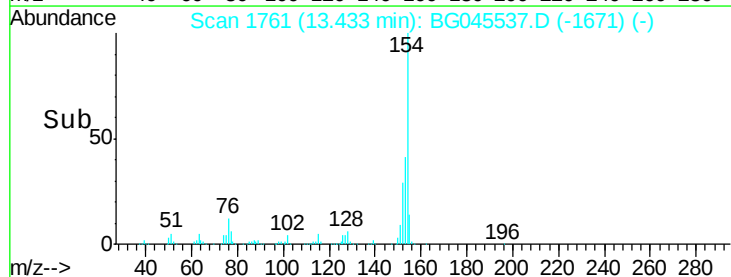
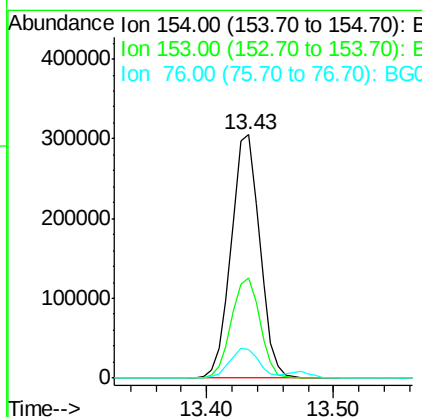
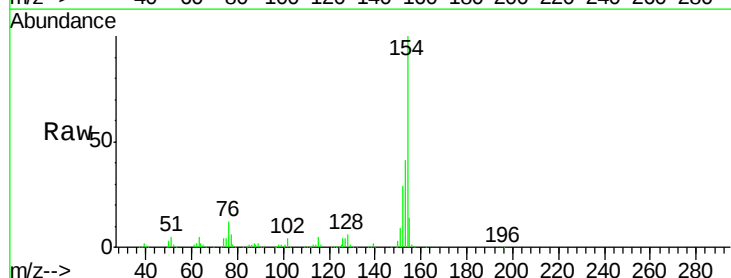
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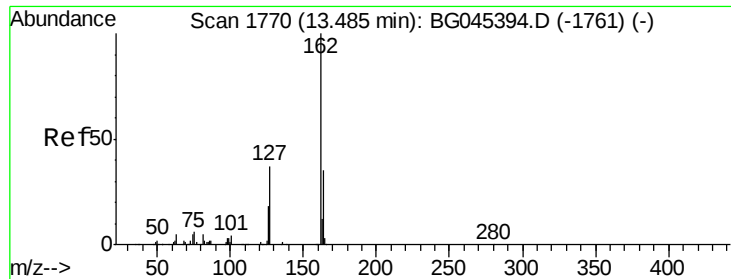
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#46
1,1'-Biphenyl
Concen: 40.19 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	474767		
153	41.1	22.2	62.2	
76	11.7	0.0	32.4	





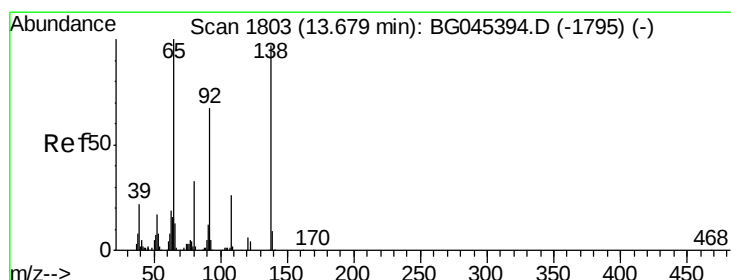
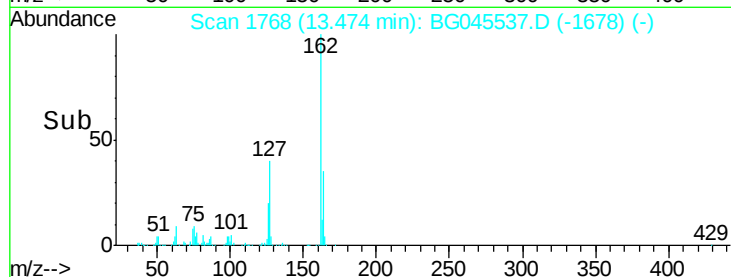
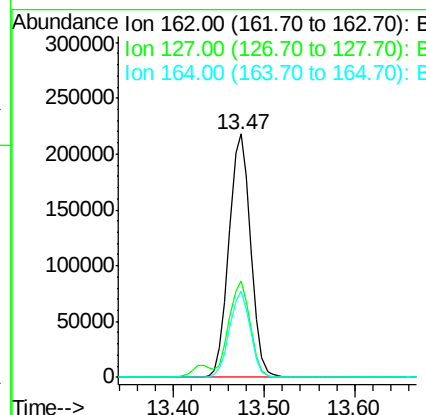
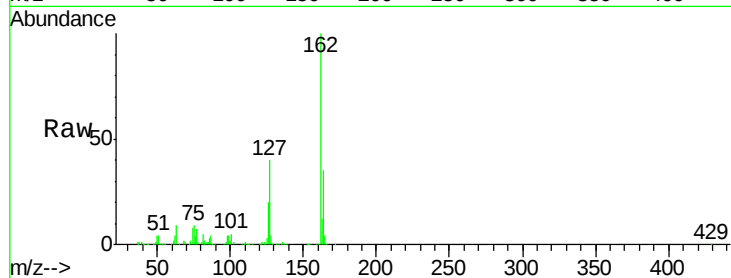
#47
 2-Chloronaphthalene
 Concen: 37.78 ng
 RT: 13.47 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Instrument :
 BNA_G
 ClientSampleId :
 PB129185BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	362410		
127	39.6		31.6	47.4
164	35.3		28.1	42.1

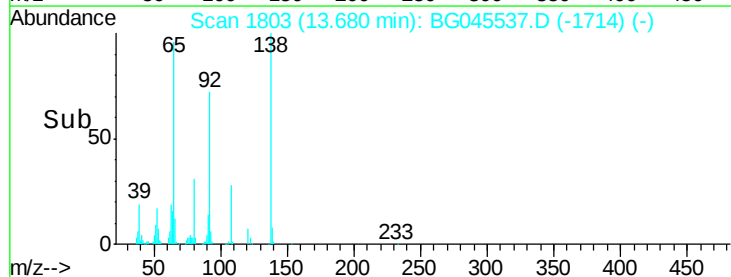
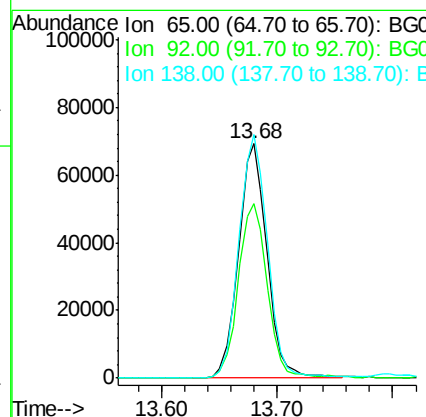
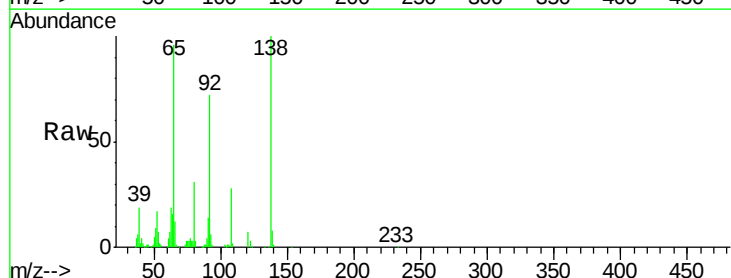
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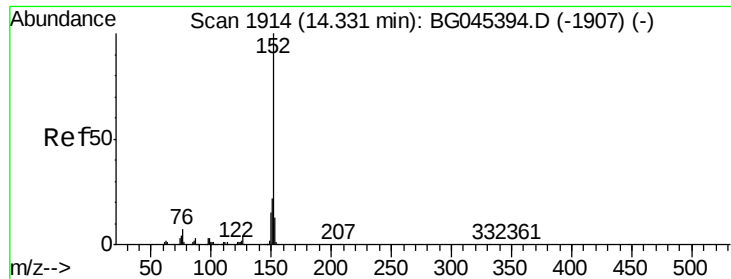
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#48
 2-Nitroaniline
 Concen: 37.43 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	118111		
92	74.5		53.8	80.8
138	103.8		77.9	116.9





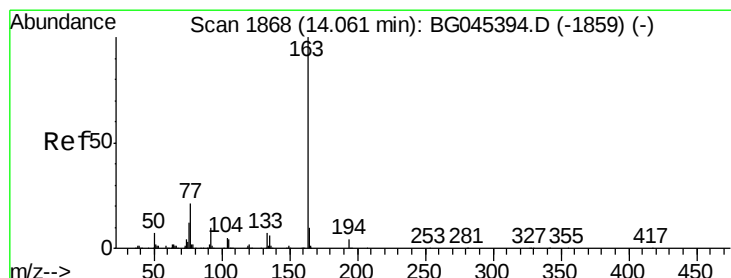
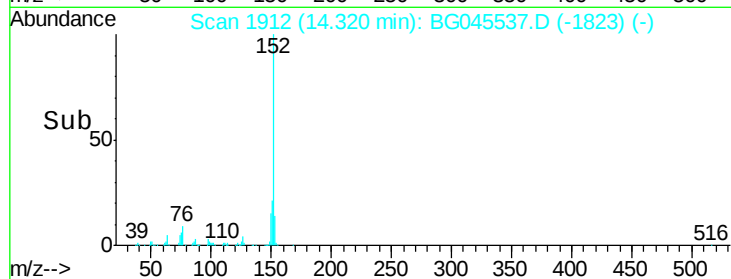
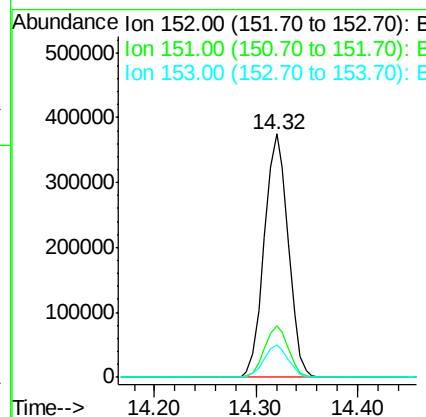
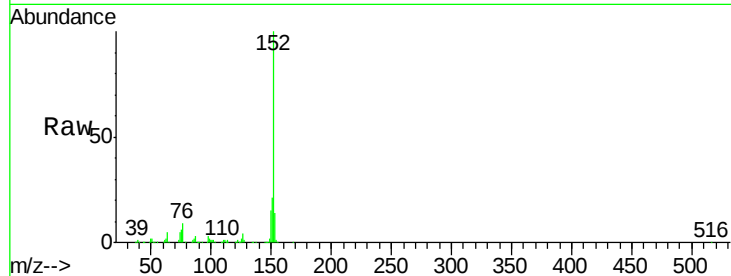
#49
Acenaphthylene
Concen: 39.89 ng
RT: 14.32 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	21.1	17.4	26.2
153	13.6	10.7	16.1

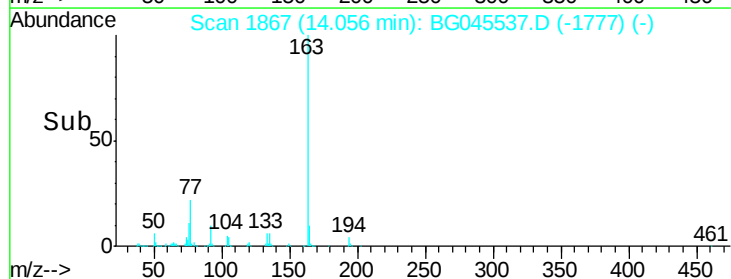
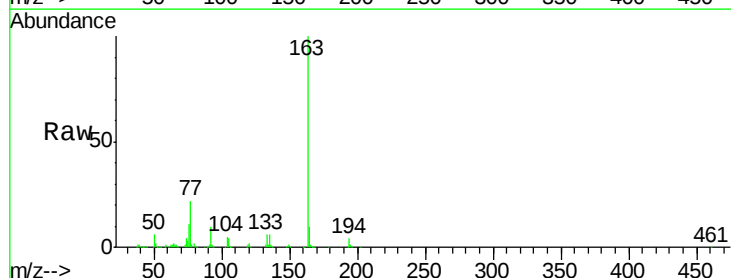
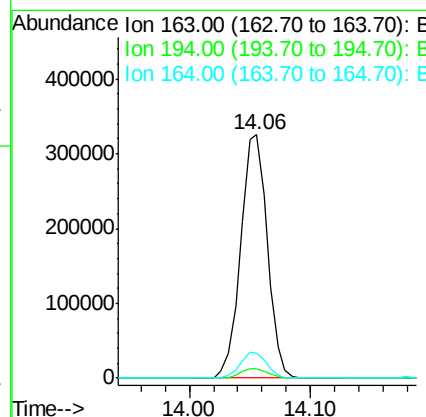
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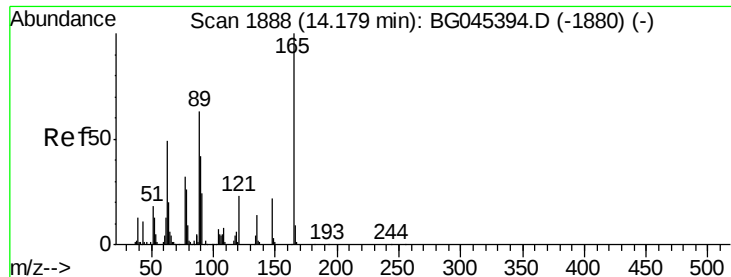
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#50
Dimethylphthalate
Concen: 37.97 ng
RT: 14.06 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.0	3.2	4.8
164	10.3	8.3	12.5





#51

2,6-Dinitrotoluene

Concen: 38.21 ng

RT: 14.17 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

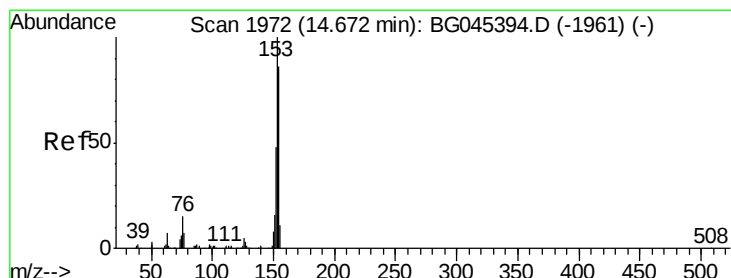
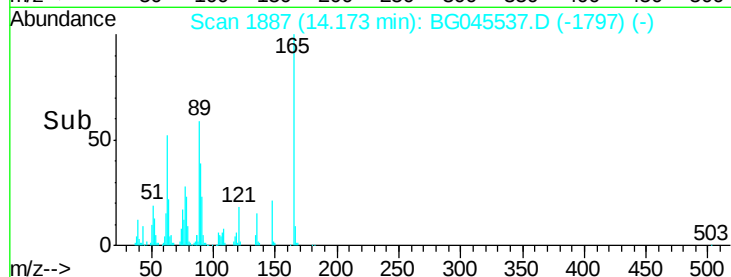
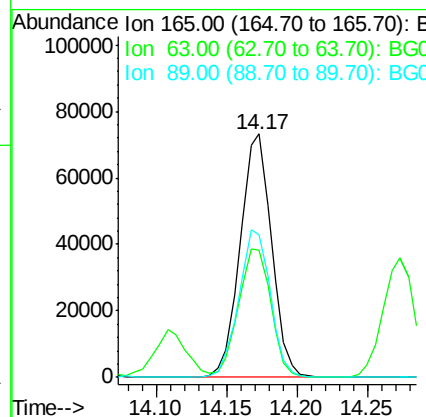
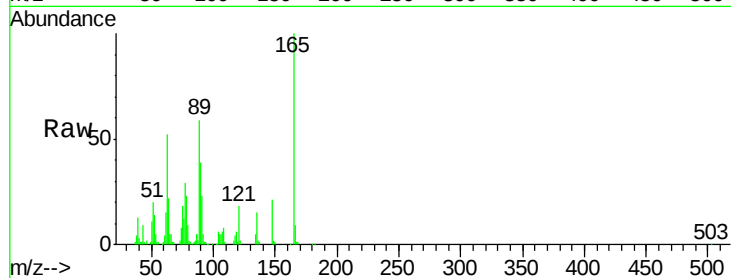
ClientSampleId :

PB129185BS

Tgt Ion:	165	Resp:	113729
Ion Ratio	Lower	Upper	
165	100		
63	52.4	45.0	67.4
89	58.7	50.2	75.4

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#52

Acenaphthene

Concen: 42.90 ng m

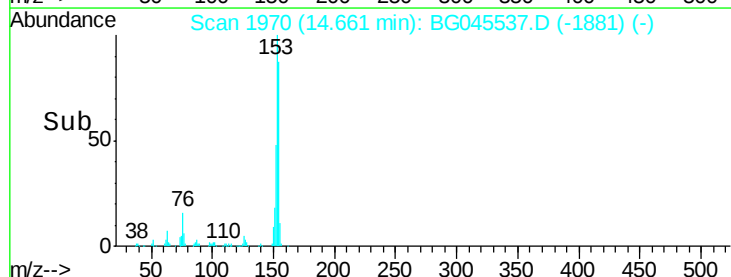
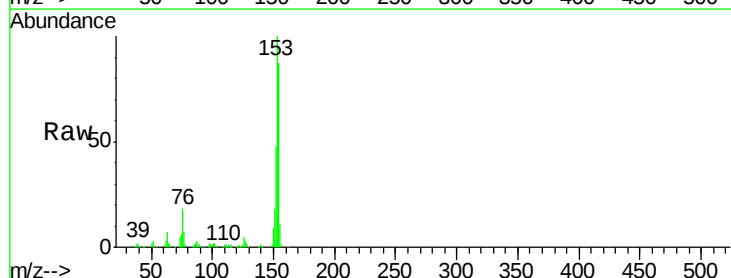
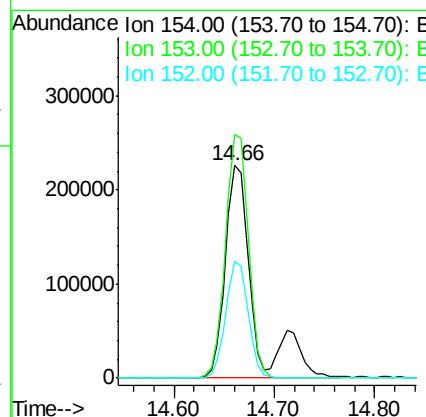
RT: 14.66 min Scan# 1970

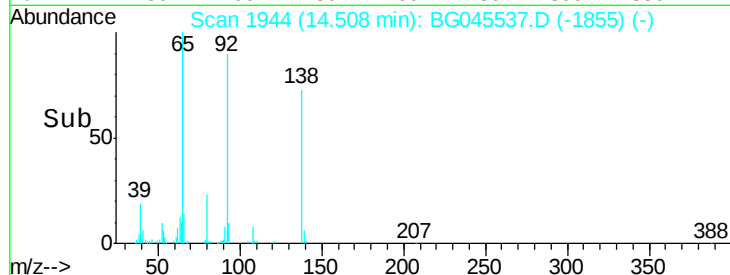
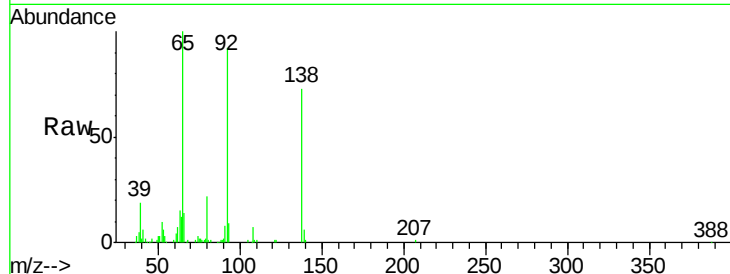
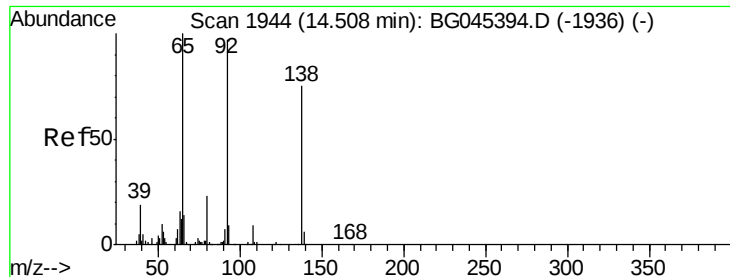
Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Tgt Ion:	154	Resp:	442493
Ion Ratio	Lower	Upper	
154	100		
153	114.7	92.8	139.2
152	54.8	44.6	66.8





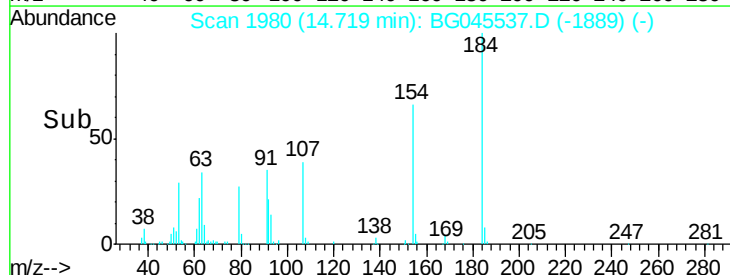
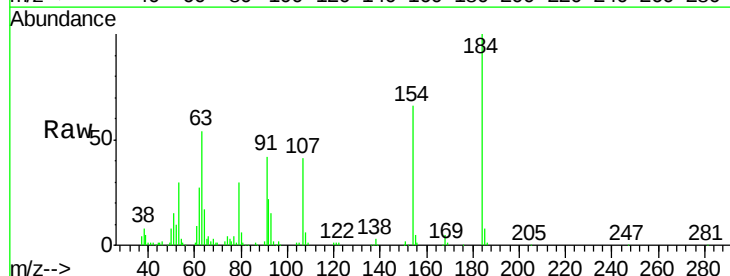
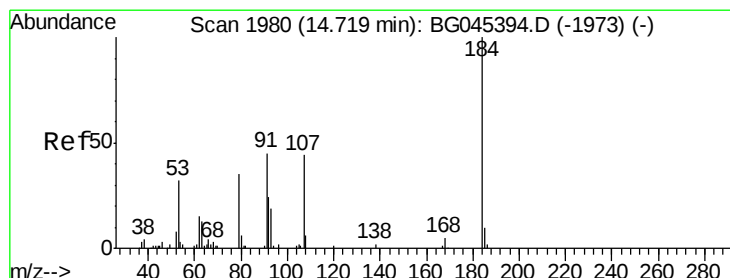
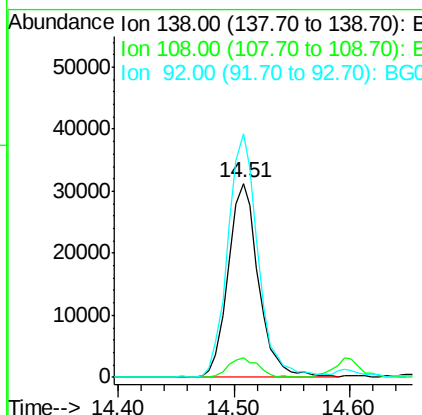
#53
3-Nitroaniline
Concen: 18.86 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.8	14.6
92	125.7	103.0	154.4

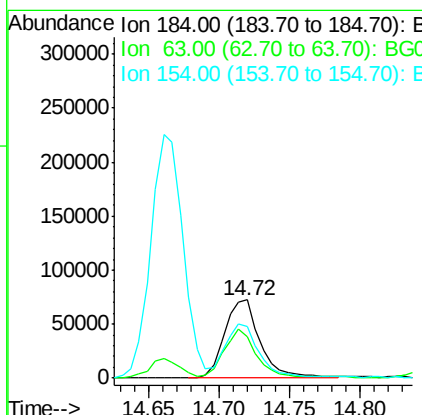
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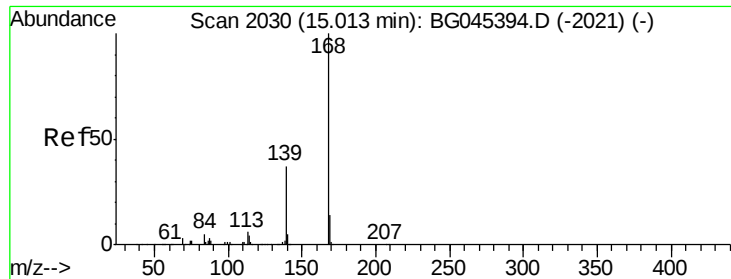
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#54
2,4-Dinitrophenol
Concen: 66.26 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.6	47.8	71.6
154	66.4	58.3	87.5





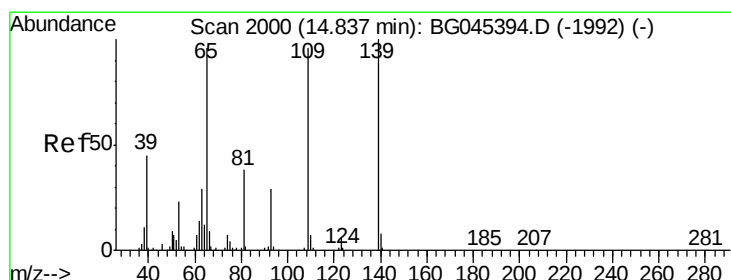
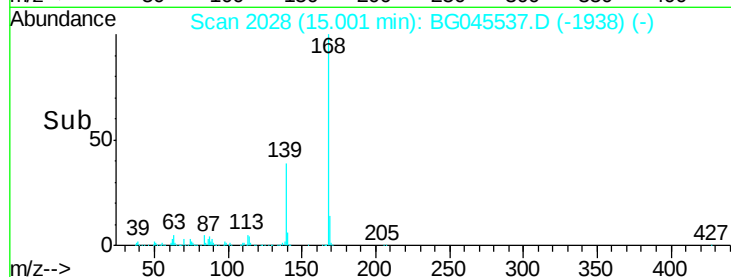
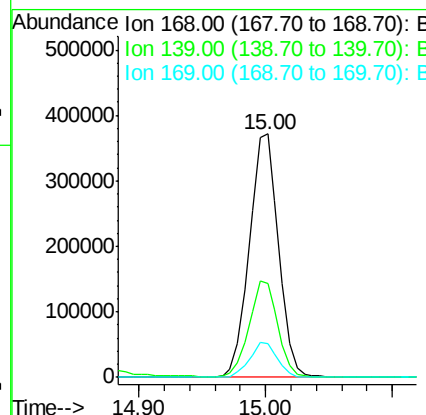
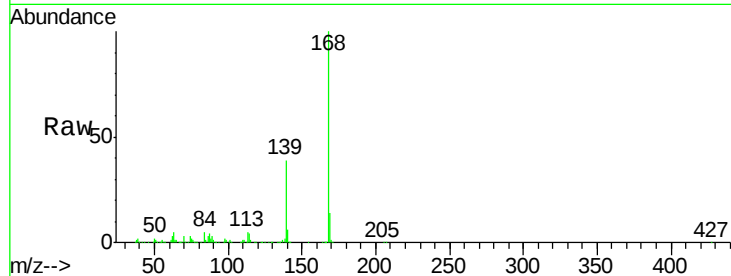
#55
Dibenzofuran
Concen: 38.74 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	593347		
139	38.5	29.9	44.9	
169	13.7	10.9	16.3	

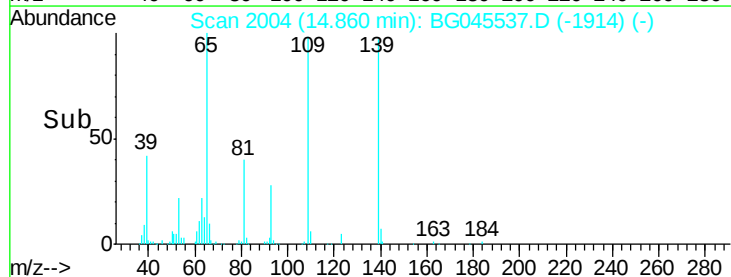
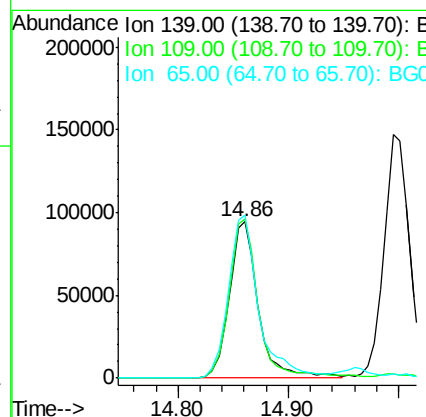
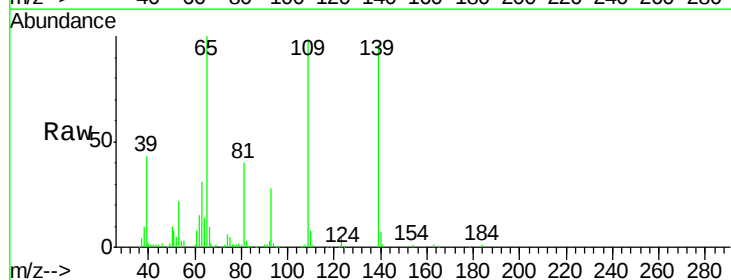
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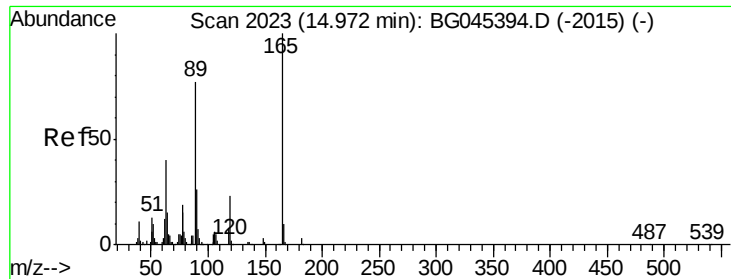
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#56
4-Nitrophenol
Concen: 75.56 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	173062		
109	102.0	75.6	115.6	
65	103.7	76.8	116.8	





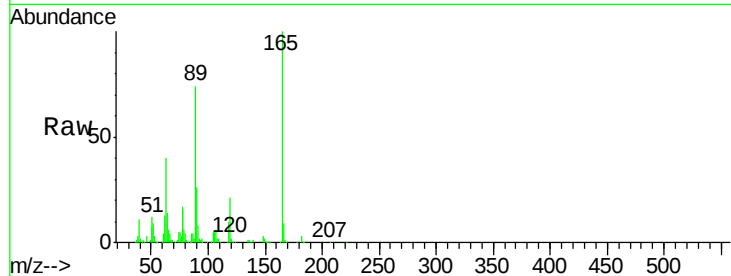
#57
2,4-Dinitrotoluene
Concen: 38.19 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	164591		
63	40.3	32.5	48.7	
89	74.1	61.8	92.6	
182	2.6	2.3	3.5	

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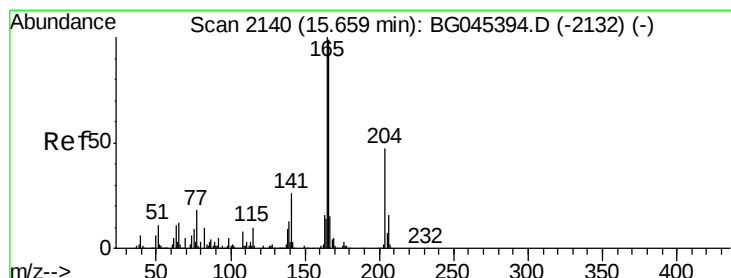
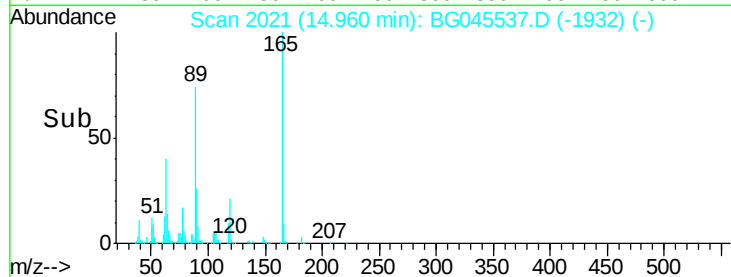
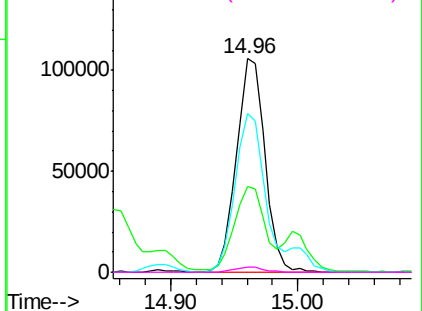


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



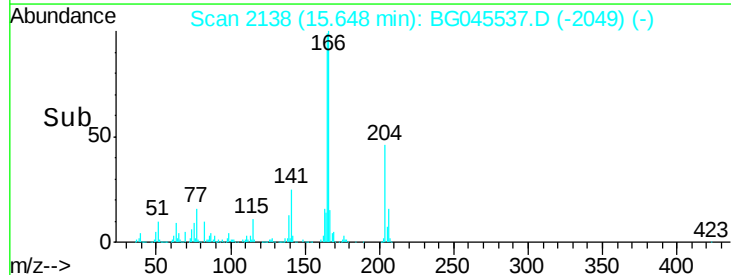
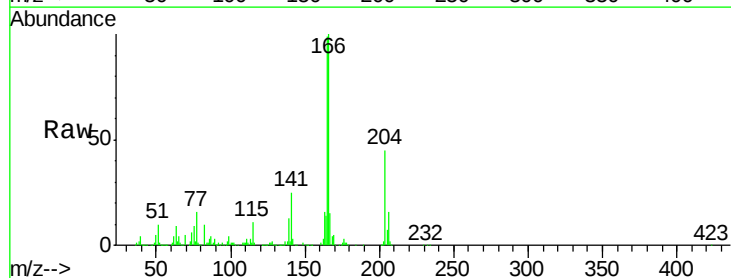
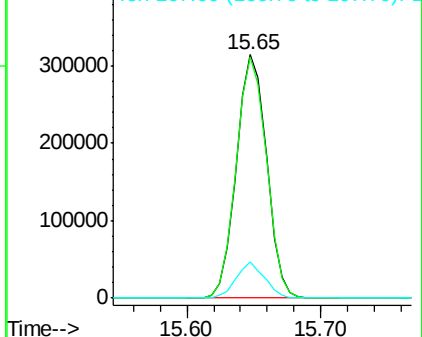
#58
Fluorene
Concen: 39.20 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	493306		
165	99.2	80.8	121.2	
167	14.7	12.0	18.0	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





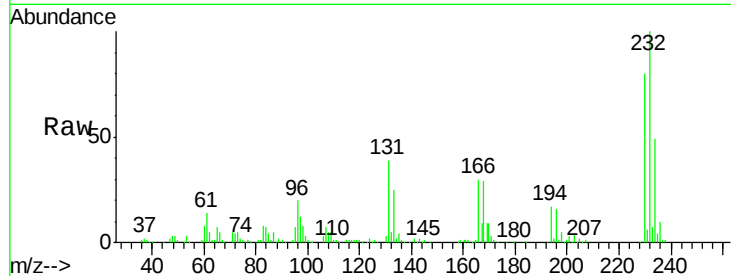
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.06 ng
RT: 15.24 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

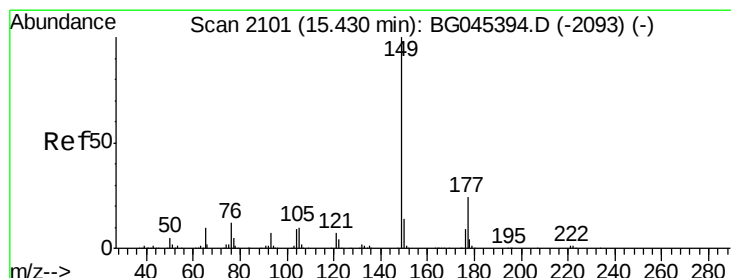
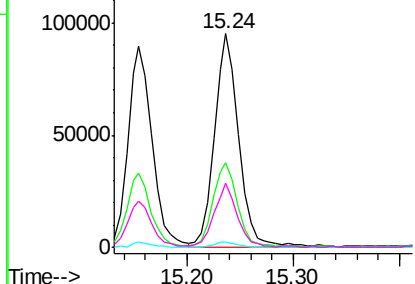
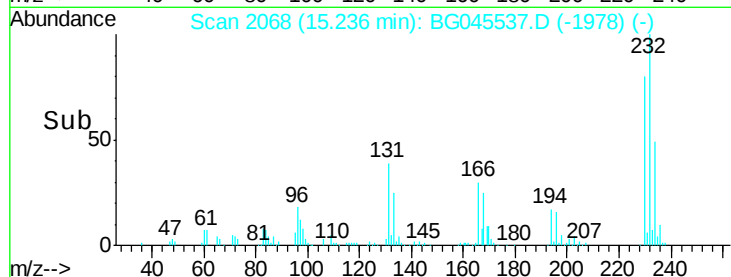
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	153976		
131	39.1		33.7	50.5
130	2.5		2.1	3.1
166	28.1		23.2	34.8

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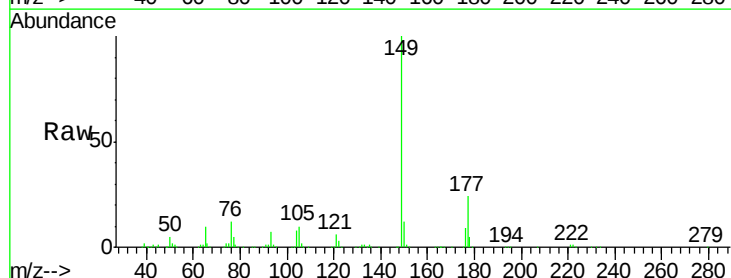


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

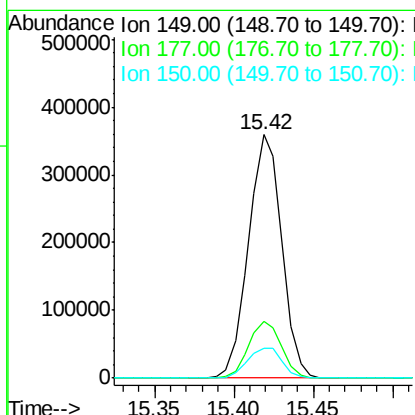
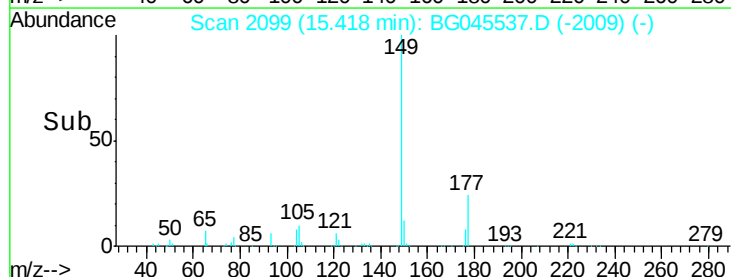


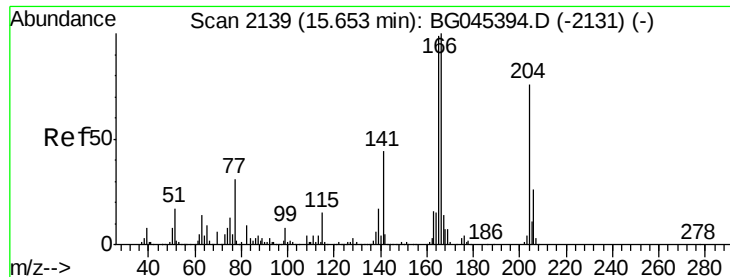
#60
Diethylphthalate
Concen: 38.19 ng
RT: 15.42 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	524232		
177	23.5		19.0	28.4
150	12.2		11.4	17.0



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





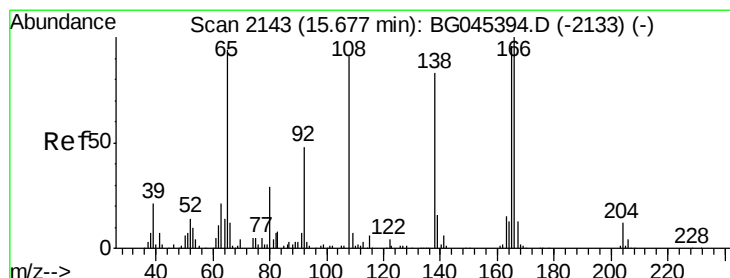
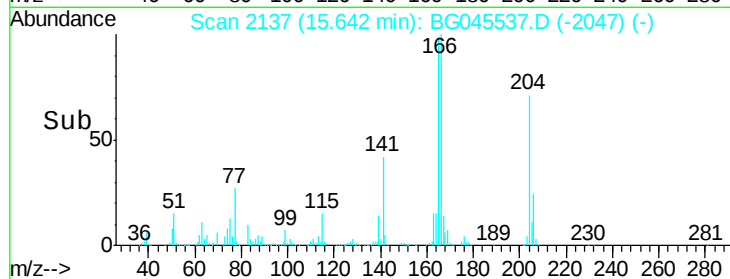
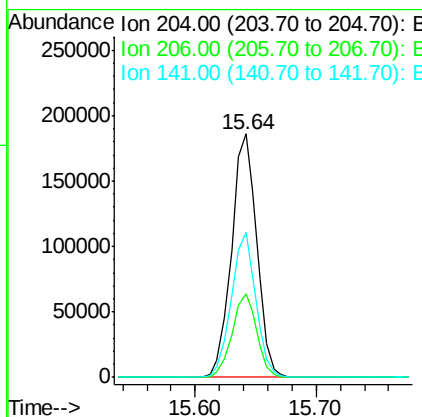
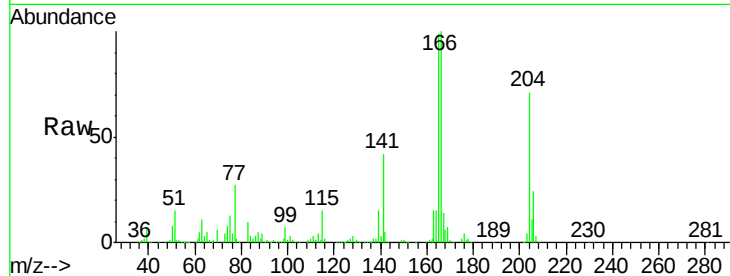
#61
 4-Chlorophenyl-phenylether
 Concen: 37.59 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Instrument :
 BNA_G
 ClientSampleId :
 PB129185BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	270683		
206	34.4	27.3	40.9	
141	59.5	45.9	68.9	

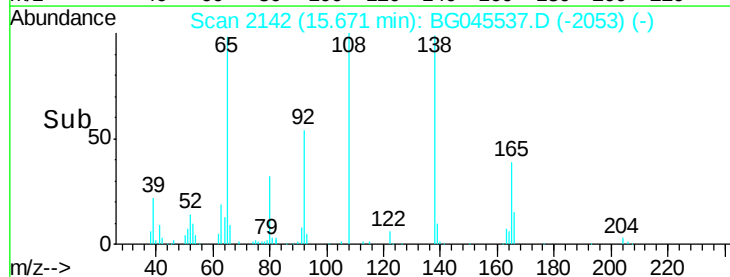
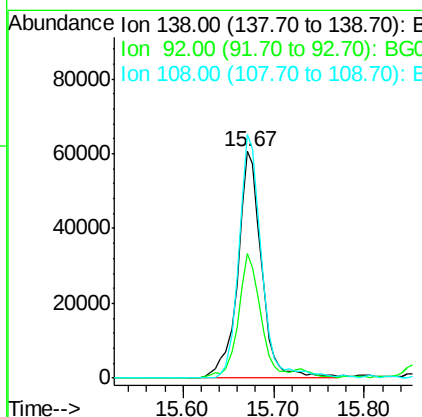
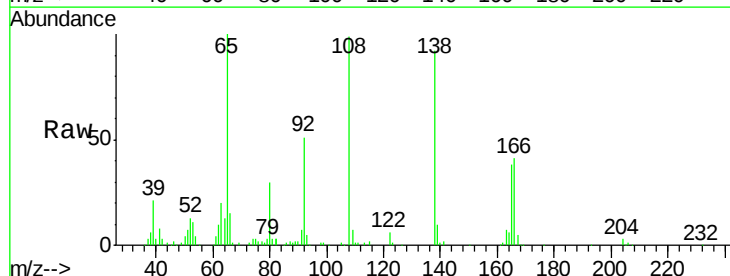
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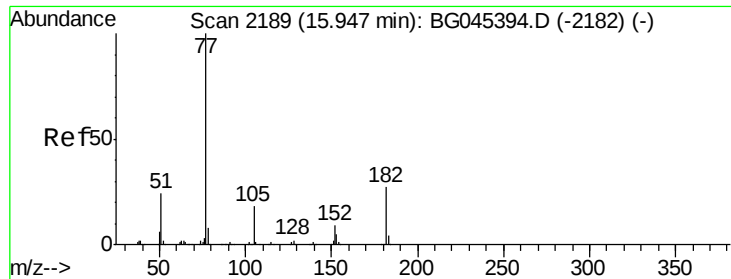
mohammad
 6/1/2020 12:22:50 PM



#62
 4-Nitroaniline
 Concen: 35.10 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	110852		
92	55.0	38.0	78.0	
108	107.4	89.3	129.3	





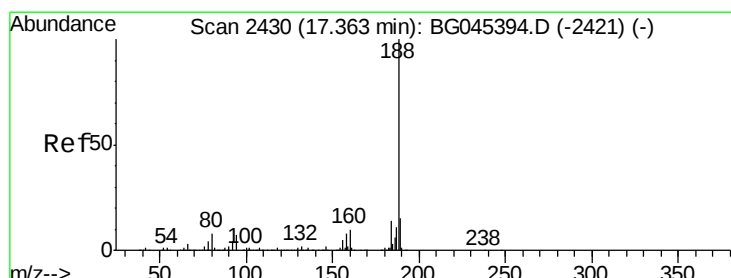
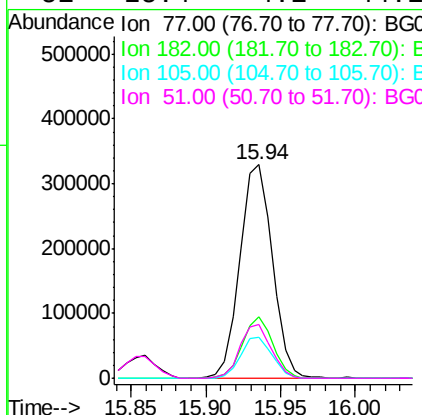
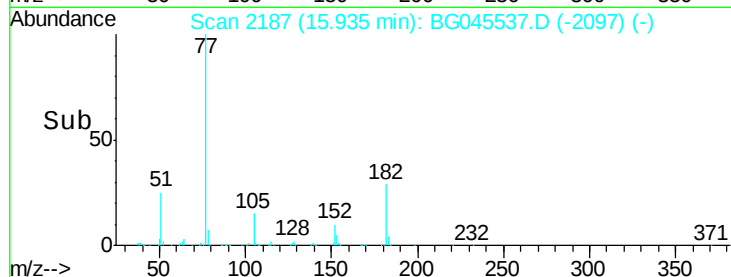
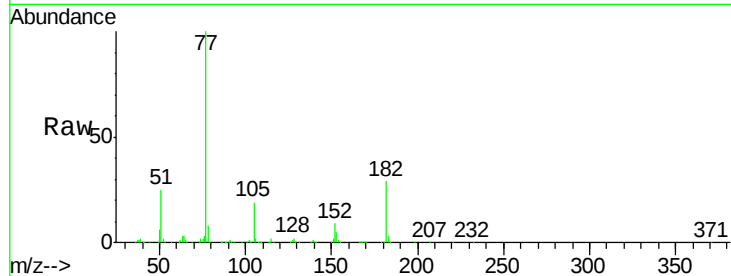
#63
Azobenzene
Concen: 38.67 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	495039		
182	28.5	6.5	46.5	
105	19.3	0.0	37.9	
51	25.4	4.1	44.1	

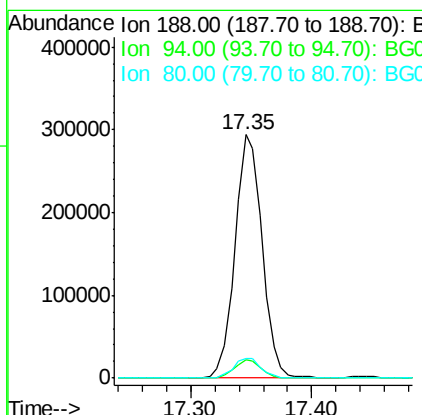
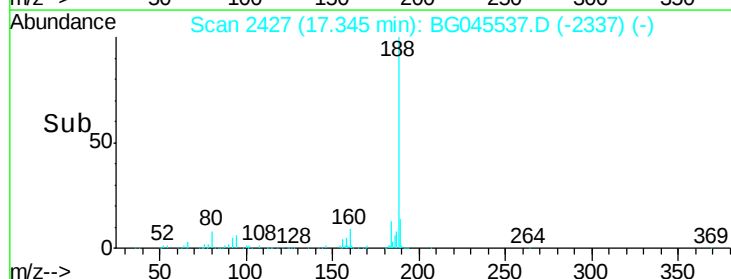
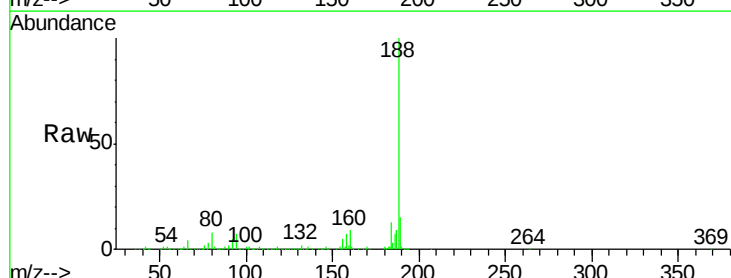
Manual Integrations
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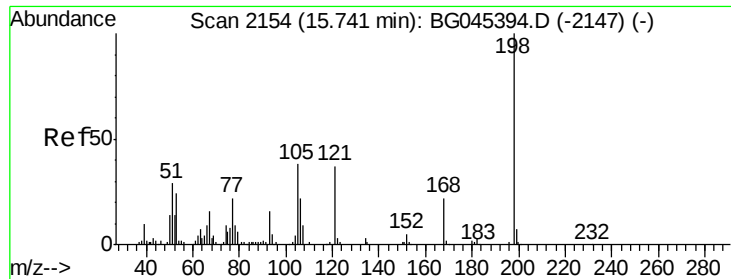
mohammad
6/1/2020 12:22:50 PM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	460428		
94	7.3	5.5	8.3	
80	8.1	6.6	10.0	





#65

4,6-Dinitro-2-methylphenol

Concen: 38.57 ng

RT: 15.73 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

Tgt Ion:198 Resp: 103418
Ion Ratio Lower Upper

198 100

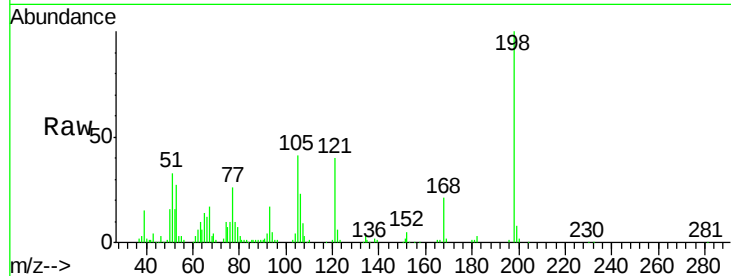
51 33.3 10.0 50.0

105 41.5 18.9 58.9

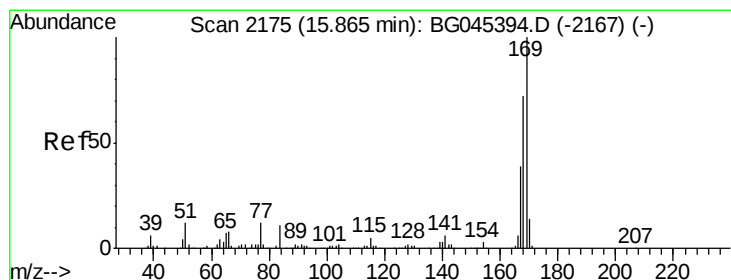
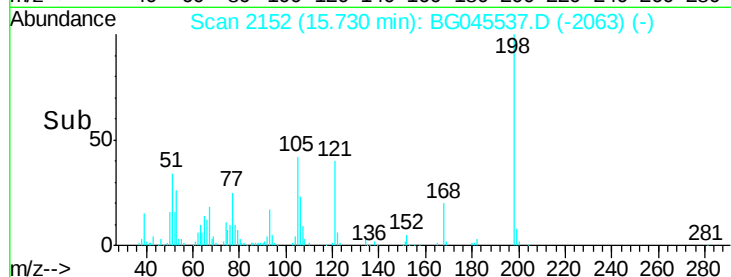
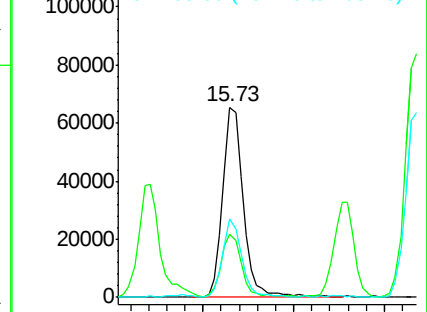
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.81 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BG045537.D

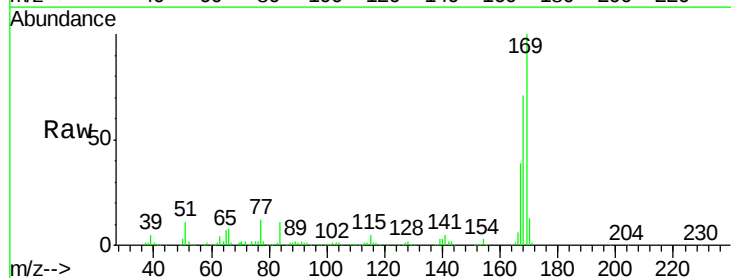
Acq: 30 May 2020 2:42

Tgt Ion:169 Resp: 440058
Ion Ratio Lower Upper

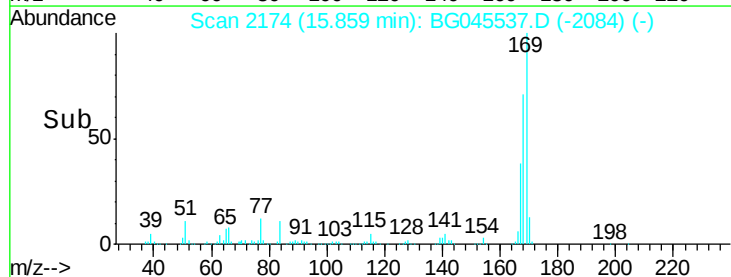
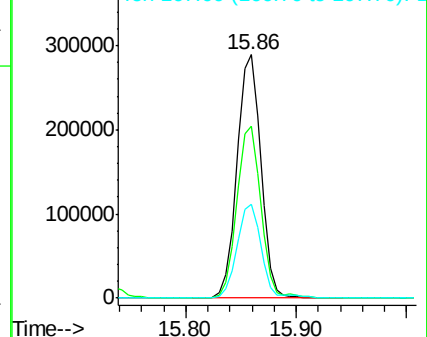
169 100

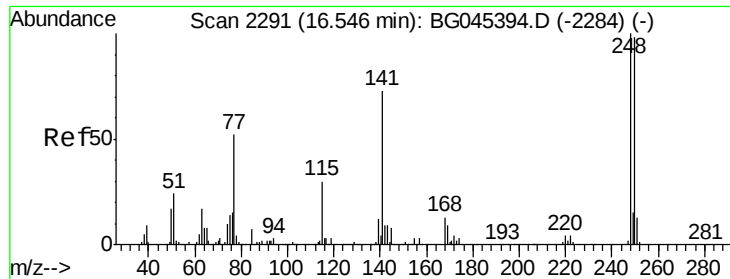
168 70.8 57.8 86.6

167 38.6 31.5 47.3



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





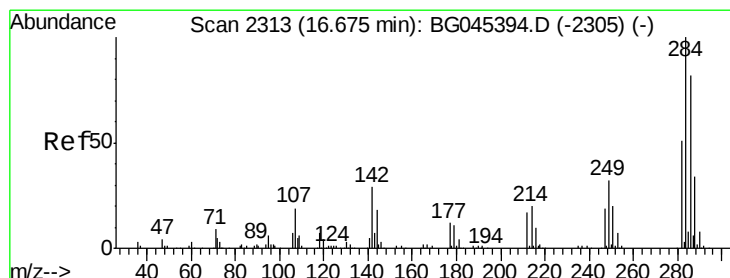
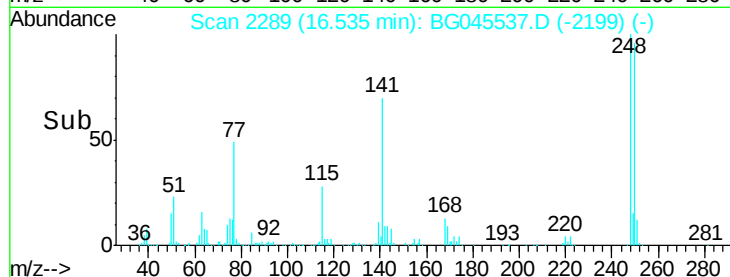
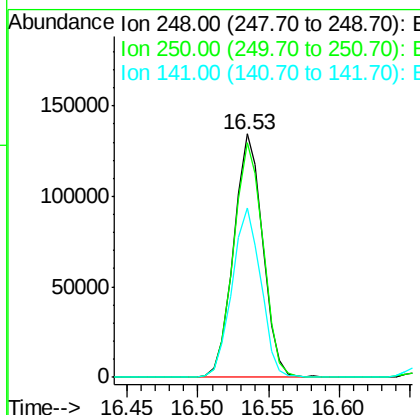
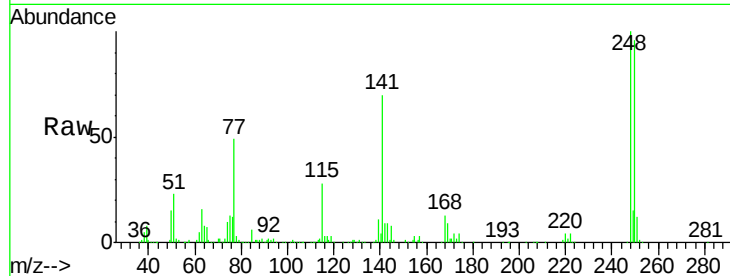
#67
 4-Bromophenyl-phenylether
 Concen: 38.62 ng
 RT: 16.53 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Instrument :
 BNA_G
 ClientSampleId :
 PB129185BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	192523		
250	96.2	78.6	117.8	
141	69.7	58.2	87.2	

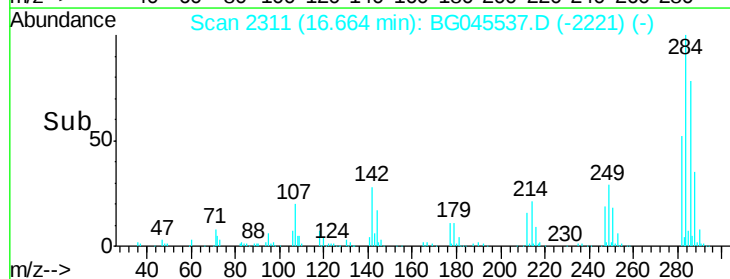
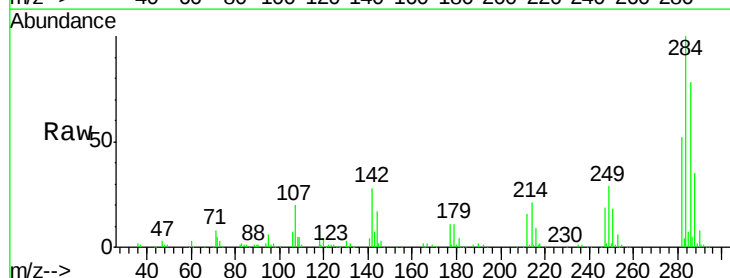
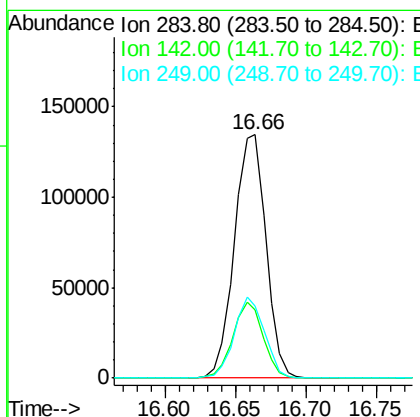
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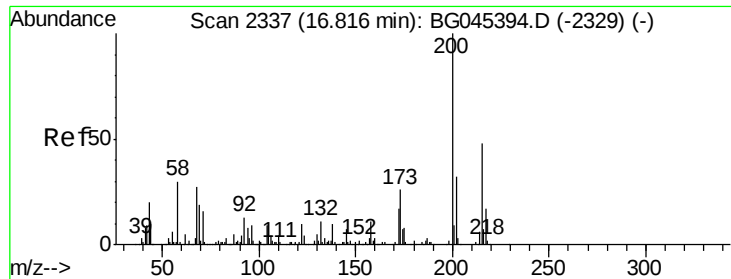
mohammad
 6/1/2020 12:22:50 PM



#68
 Hexachlorobenzene
 Concen: 40.35 ng
 RT: 16.66 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	210392		
142	28.0	23.0	34.6	
249	29.5	25.8	38.6	





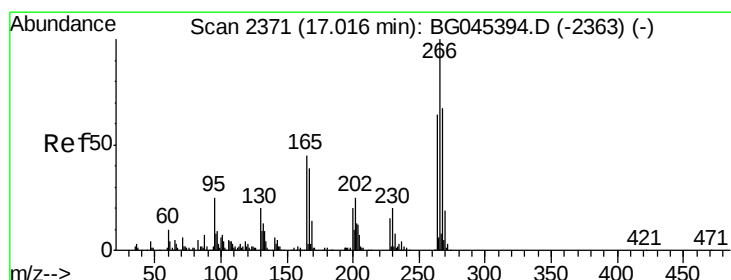
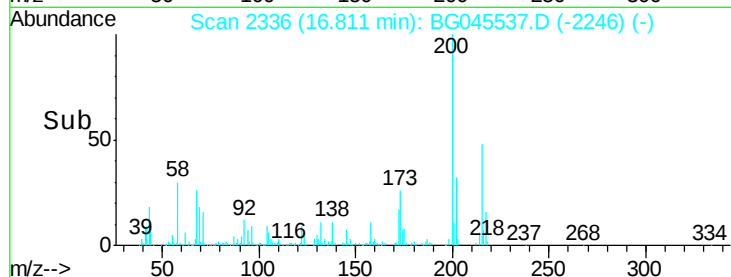
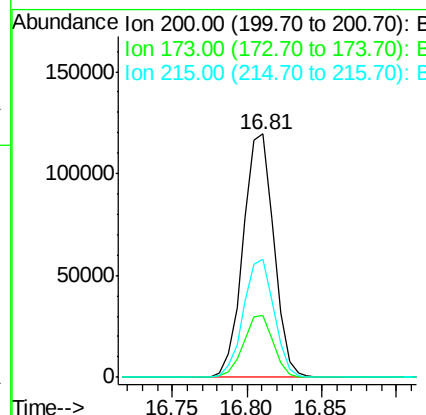
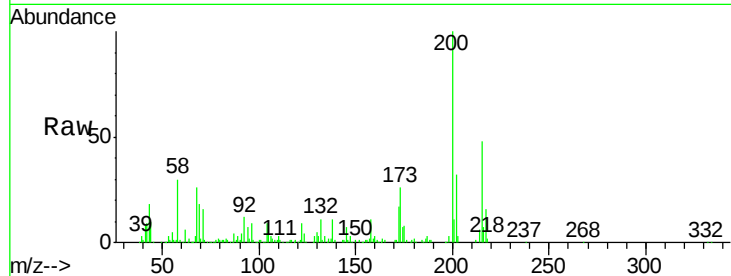
#69
Atrazine
Concen: 37.39 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	170243		
173	25.6	5.5	45.5	
215	48.3	28.2	68.2	

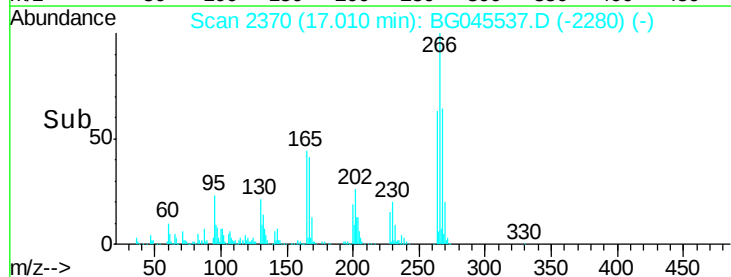
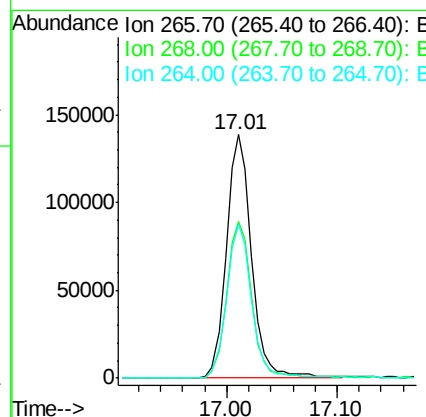
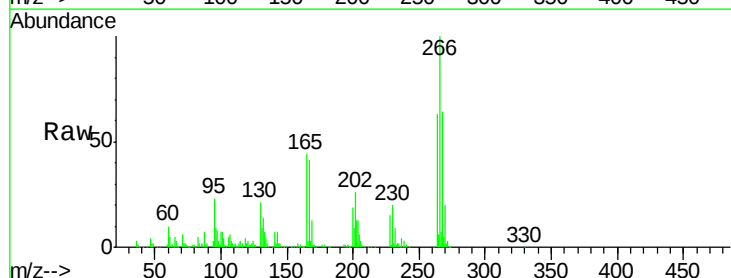
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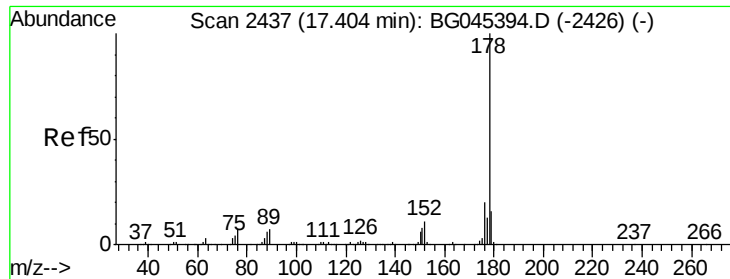
mohammad
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#70
Pentachlorophenol
Concen: 81.41 ng
RT: 17.01 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	220420		
268	64.1	53.2	79.8	
264	63.4	51.0	76.4	





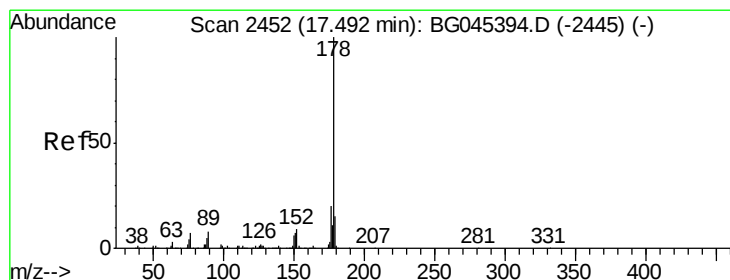
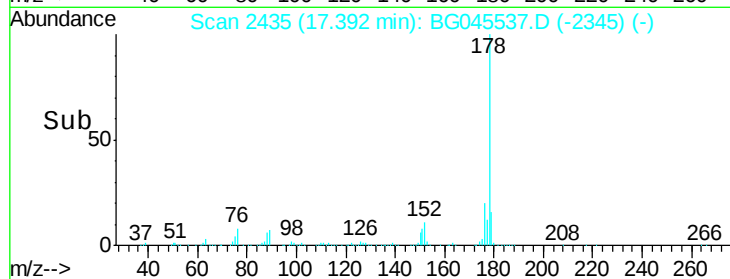
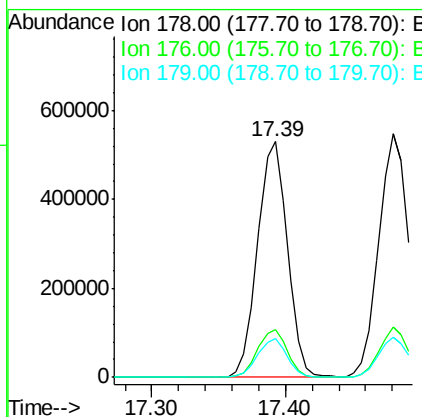
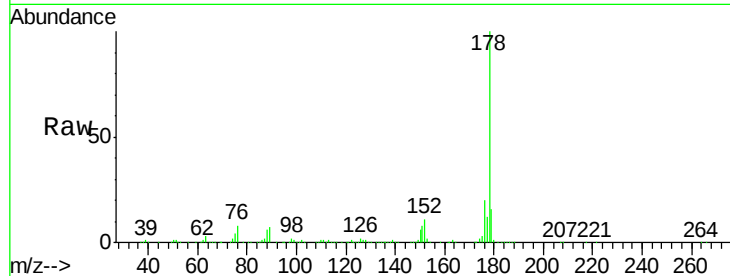
#71
Phenanthrene
Concen: 40.63 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	16.3	13.1	19.7

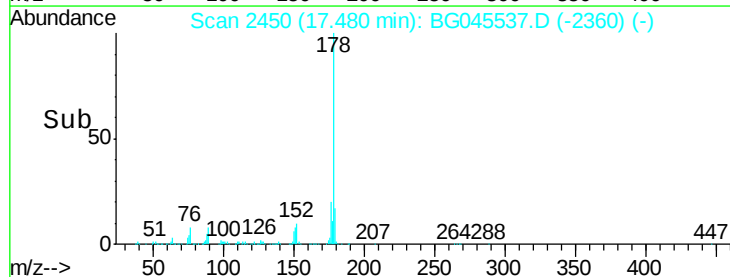
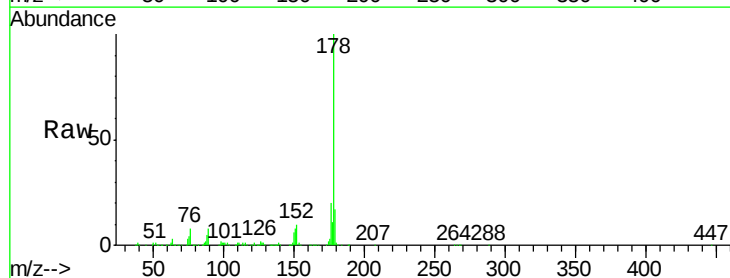
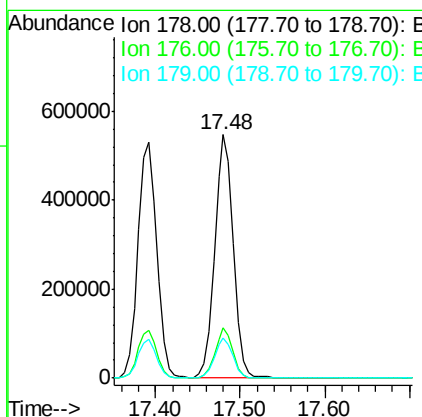
Manual Integrations
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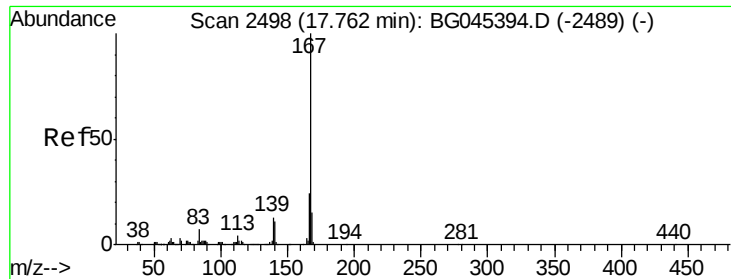
mohammad
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#72
Anthracene
Concen: 41.97 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.6
179	16.6	12.2	18.4





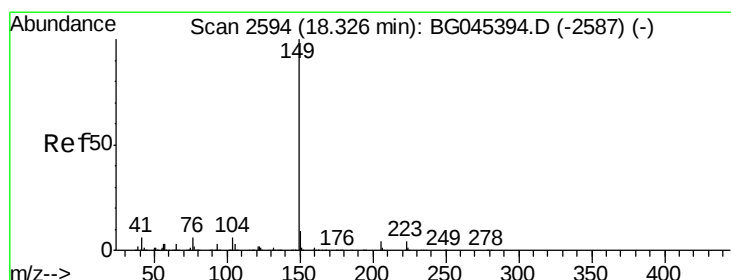
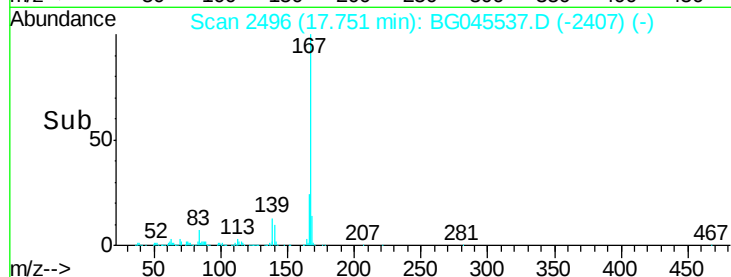
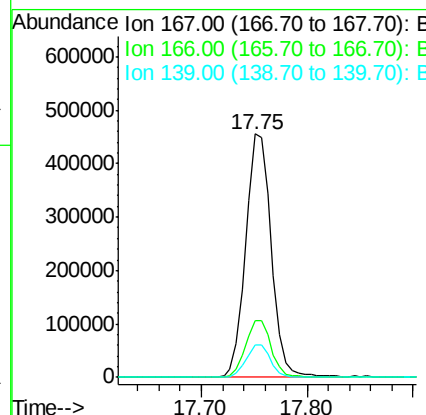
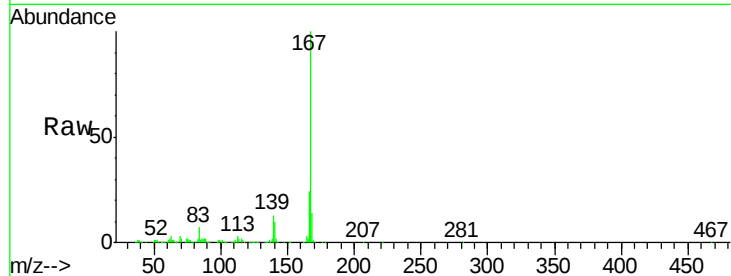
#73
 Carbazole
 Concen: 38.92 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. -0.01 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Instrument :
 BNA_G
 ClientSampleId :
 PB129185BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.2	28.8
139	13.3	10.6	16.0

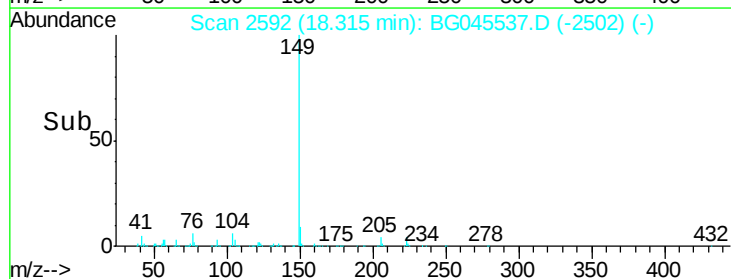
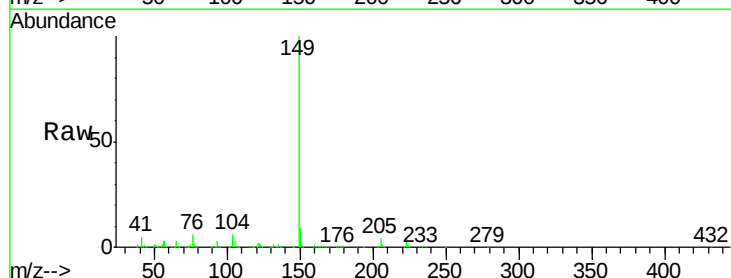
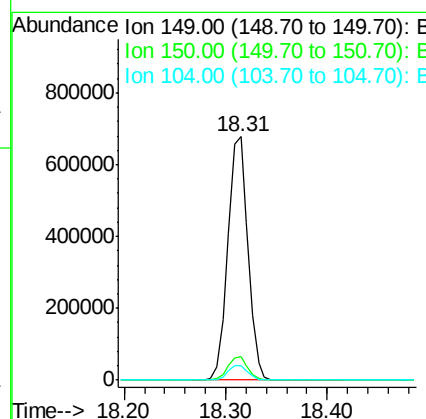
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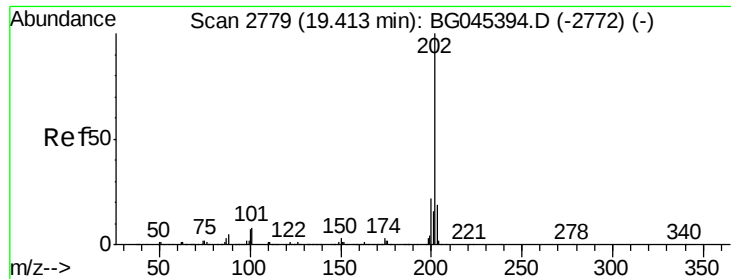
mohammad
 6/1/2020 12:22:50 PM



#74
 Di-n-butylphthalate
 Concen: 39.44 ng
 RT: 18.31 min Scan# 2592
 Delta R.T. -0.00 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	6.0	5.0	7.4





#75

Fluoranthene

Concen: 40.03 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

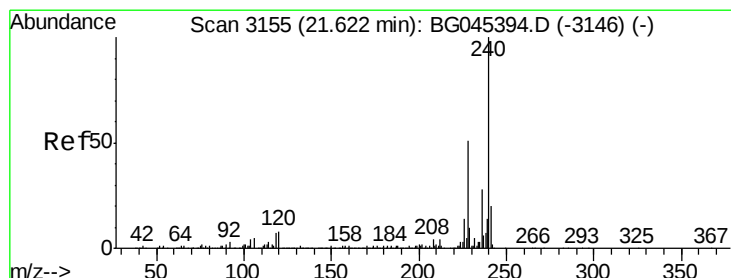
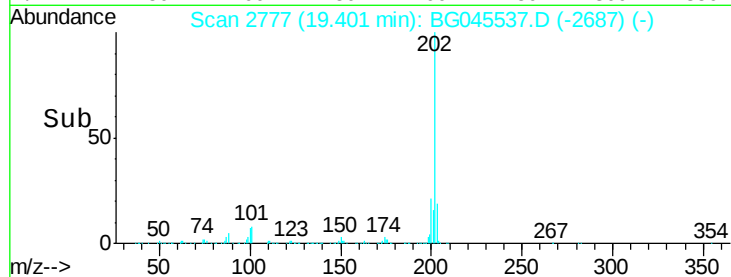
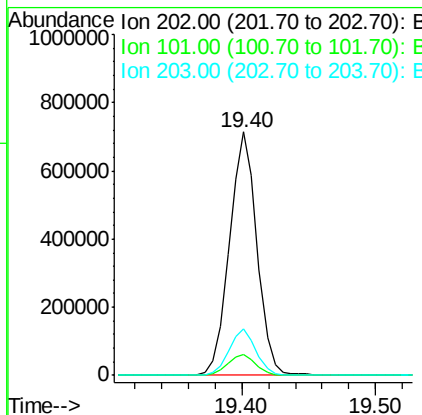
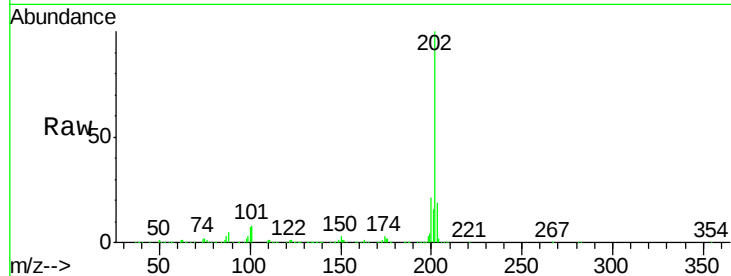
ClientSampleId :

PB129185BS

Tgt Ion:	202	Resp:	1023337
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	28.3
203	19.2	0.0	39.0

Manual Integrations
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mohammad
6/1/2020 12:22:50 PM



#76

Chrysene-d12

Concen: 20.00 ng

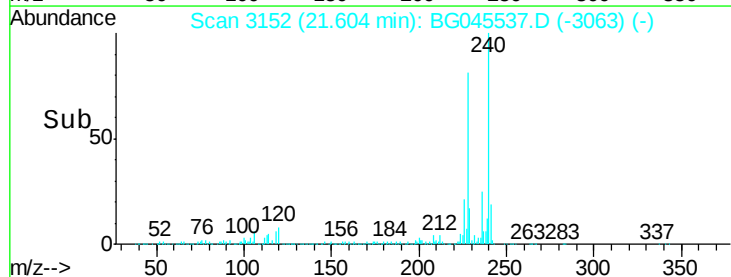
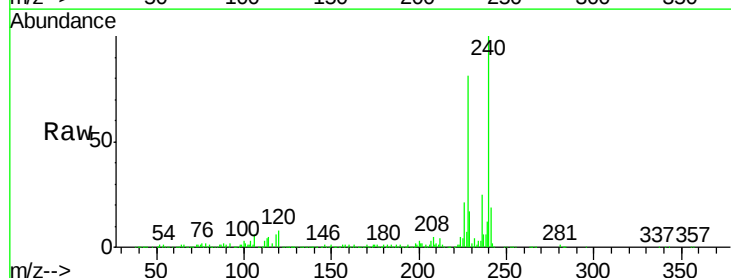
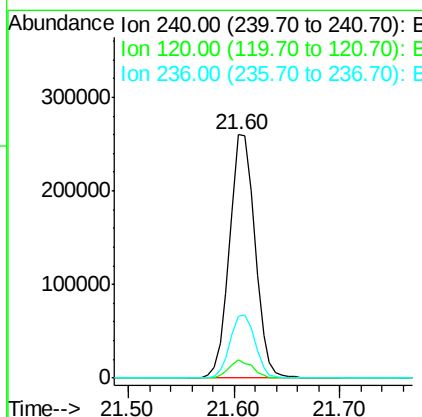
RT: 21.60 min Scan# 3152

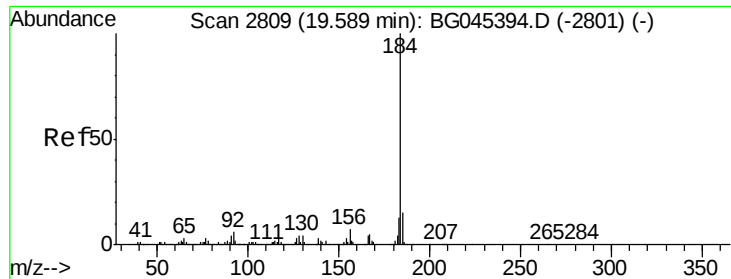
Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Tgt Ion:	240	Resp:	433556
Ion Ratio	Lower	Upper	
240	100		
120	7.5	6.1	9.1
236	25.2	22.3	33.5





#77

Benzidine

Concen: 30.16 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

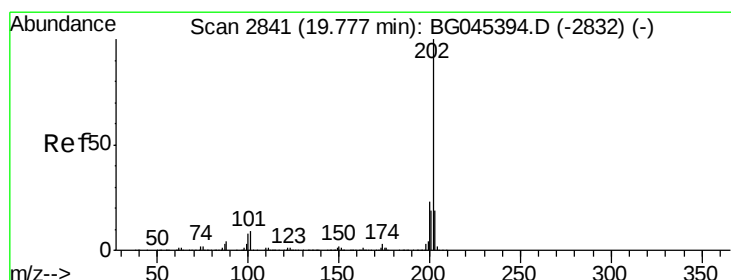
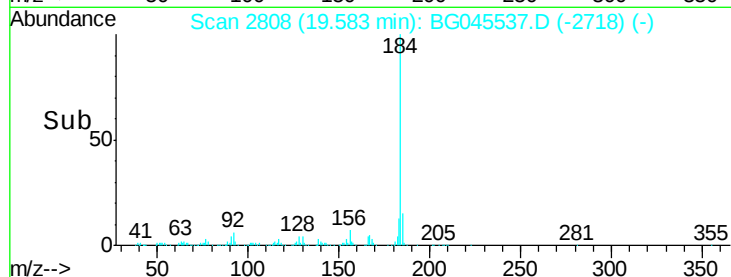
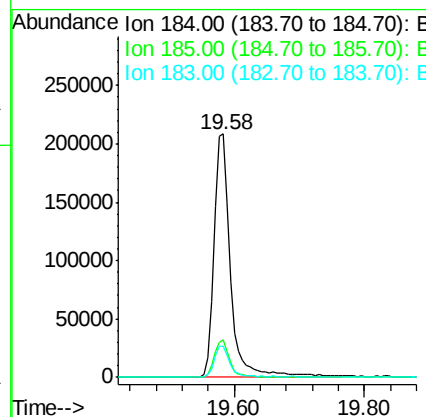
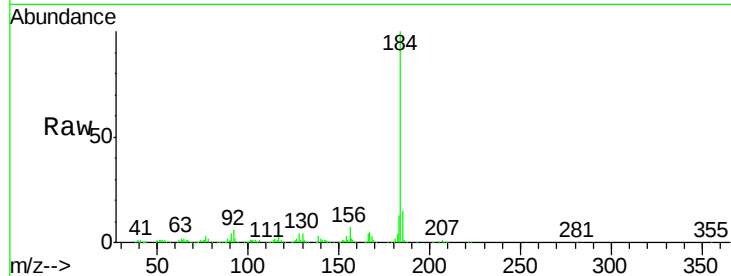
ClientSampleId :

PB129185BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	367259		
185	15.2		11.7	17.5
183	12.8		10.2	15.4

Manual Integrations
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#78

Pyrene

Concen: 41.66 ng

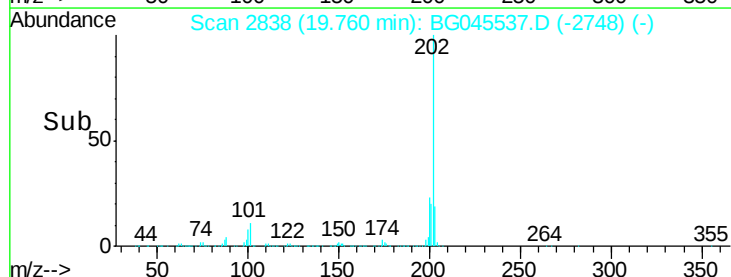
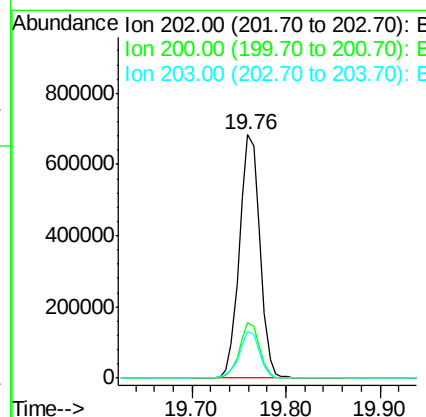
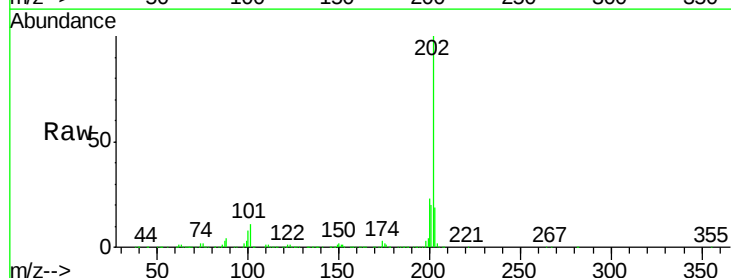
RT: 19.76 min Scan# 2838

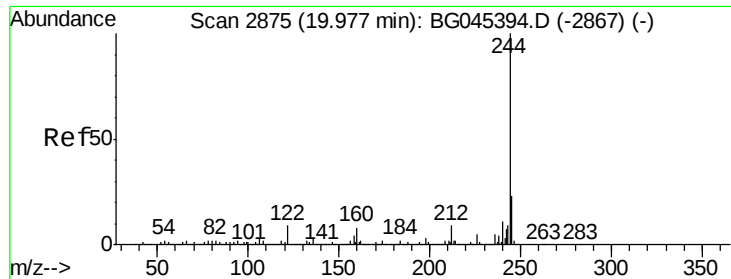
Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1029556		
200	22.6		18.2	27.2
203	19.1		15.1	22.7





#79

Terphenyl-d14

Concen: 84.90 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

ClientSampleId :

PB129185BS

Tgt Ion:244 Resp: 1578314

Ion Ratio Lower Upper

244 100

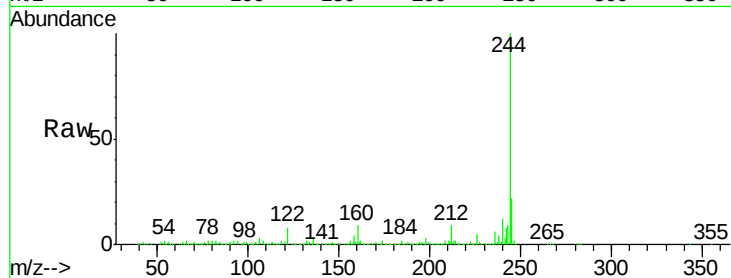
212 9.3 7.4 11.0

122 8.0 6.8 10.2

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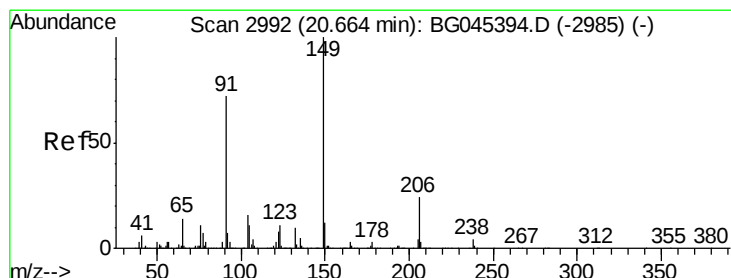
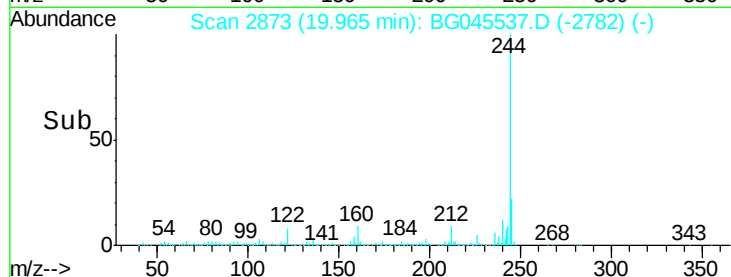
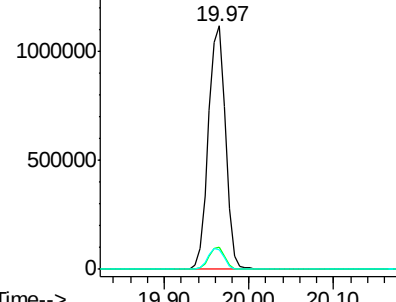
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.90 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

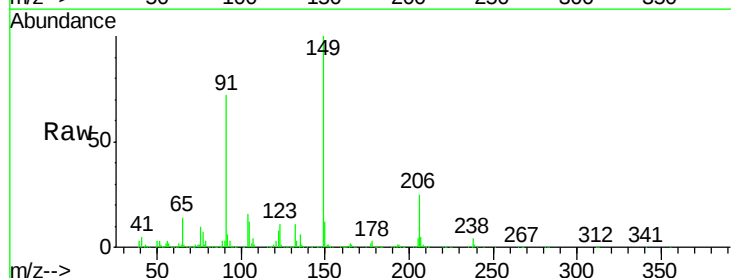
Tgt Ion:149 Resp: 415005

Ion Ratio Lower Upper

149 100

91 71.6 57.8 86.6

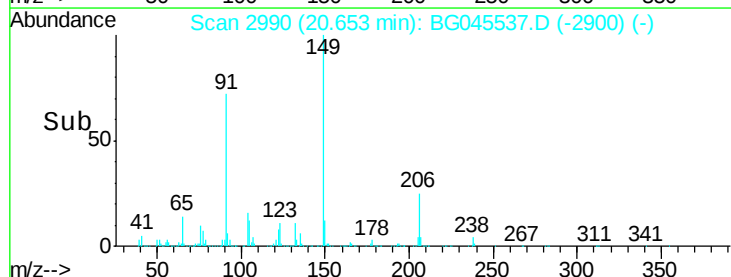
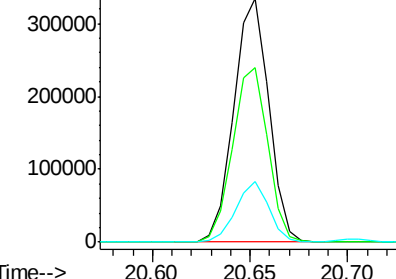
206 24.9 19.1 28.7

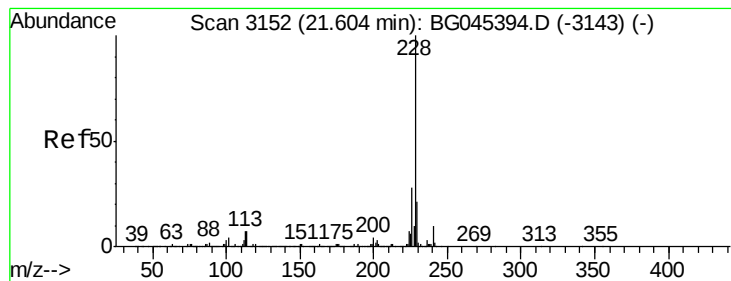


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.36 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

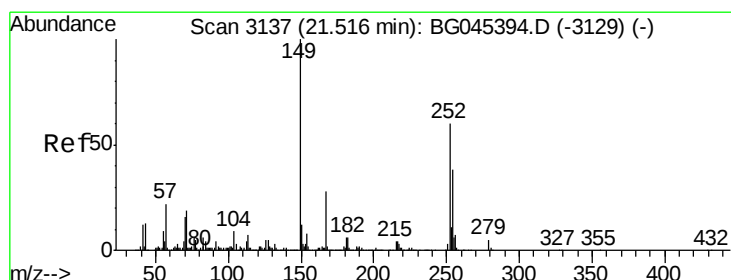
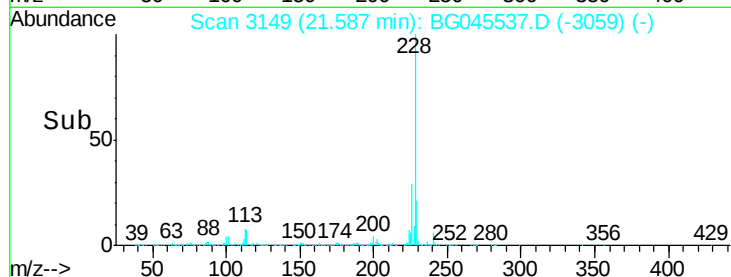
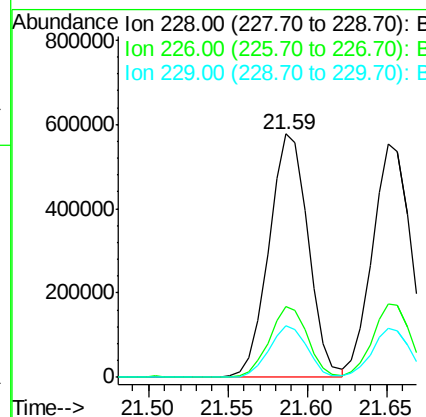
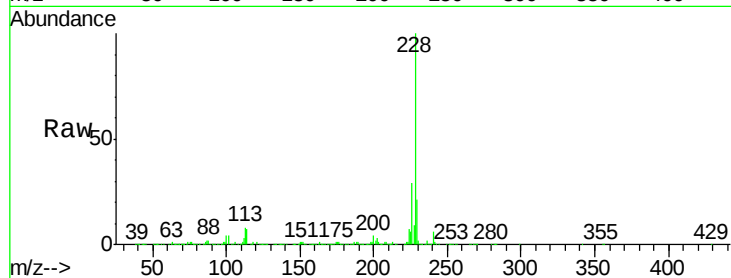
ClientSampleId :

PB129185BS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	998974		
226	29.0		22.7	34.1
229	21.3		16.7	25.1

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#82

3,3'-Dichlorobenzidine

Concen: 22.26 ng

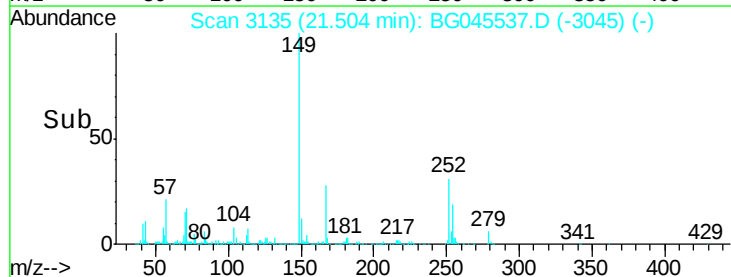
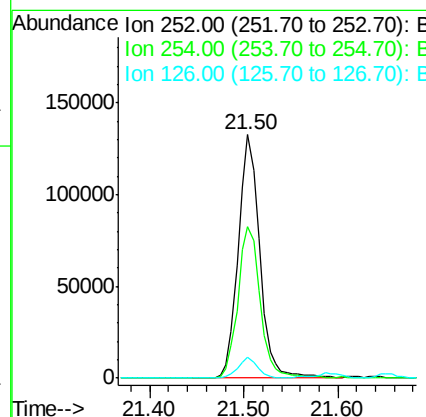
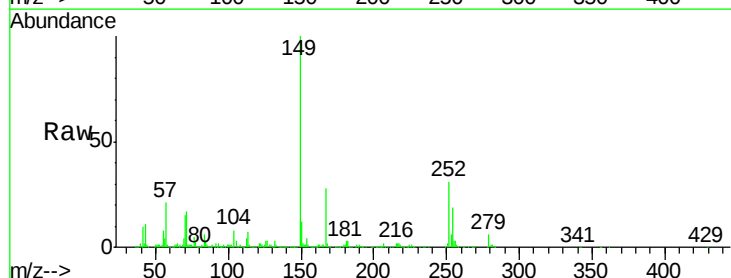
RT: 21.50 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	210865		
254	62.1		51.3	76.9
126	8.8		6.6	10.0





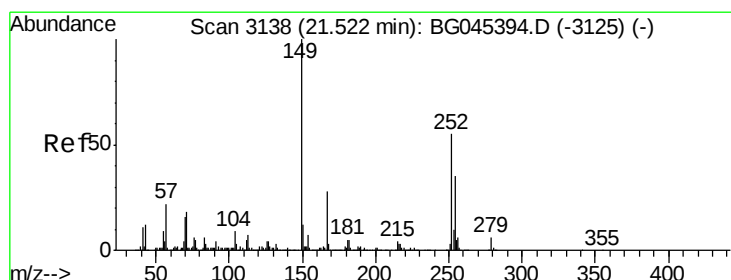
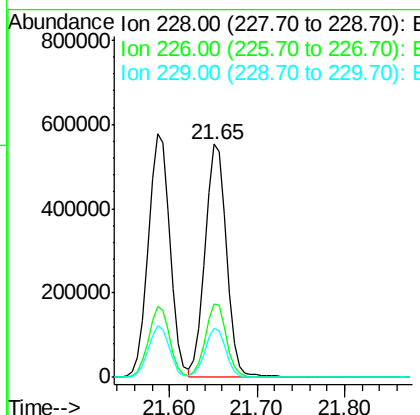
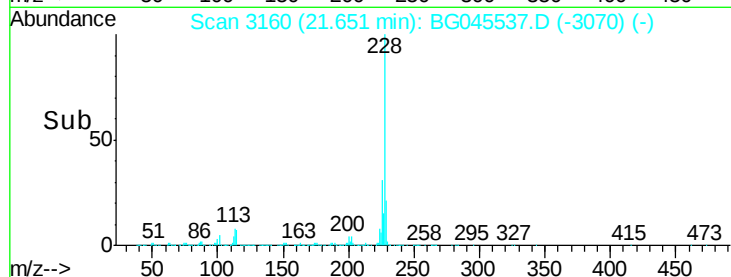
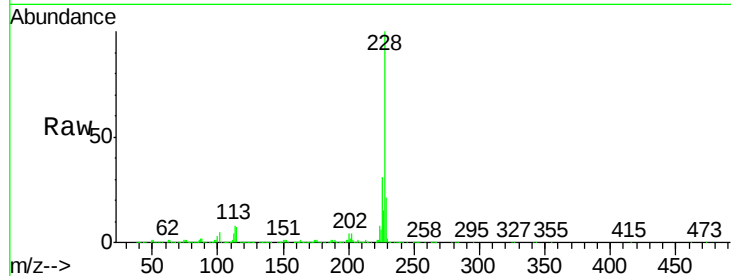
#83
 Chrysene
 Concen: 40.61 ng
 RT: 21.65 min Scan# 3160
 Delta R.T. -0.00 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Instrument :
 BNA_G
 ClientSampleId :
 PB129185BS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	943030		
226	31.3	25.2	37.8	
229	20.9	16.7	25.1	

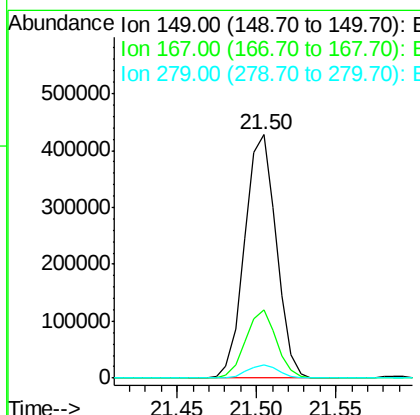
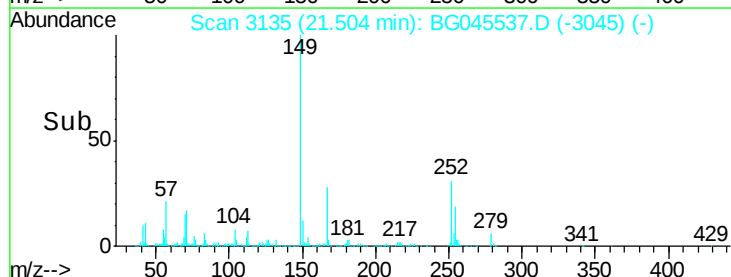
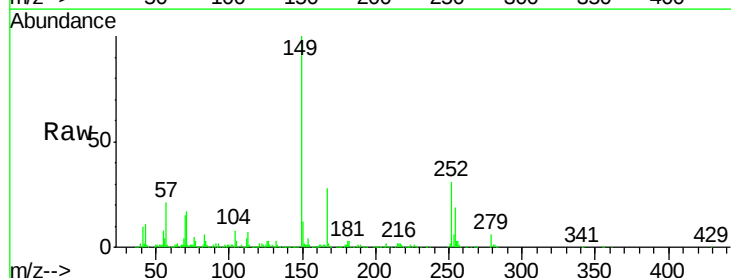
Manual Integrations
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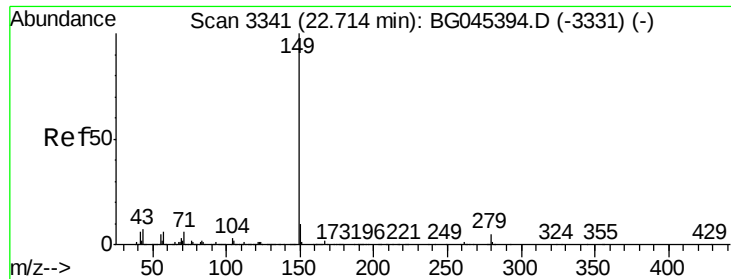
mohammad
 6/1/2020 12:22:50 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.14 ng
 RT: 21.50 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG045537.D
 Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	588602		
167	27.9	22.2	33.2	
279	5.6	4.7	7.1	





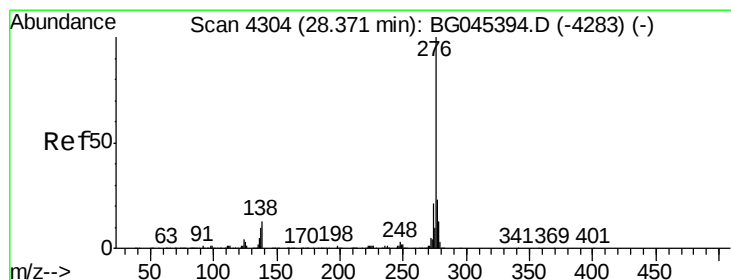
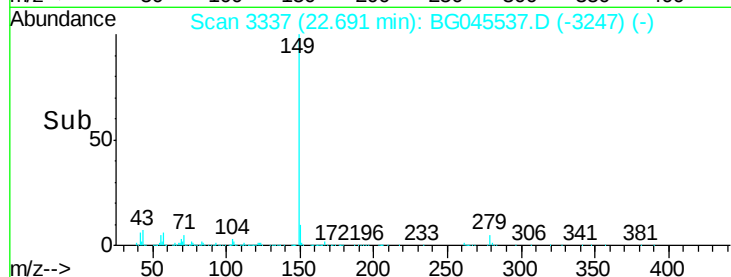
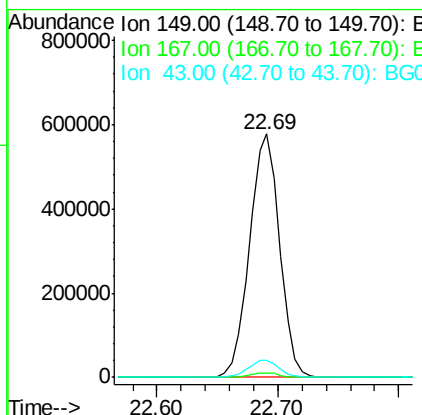
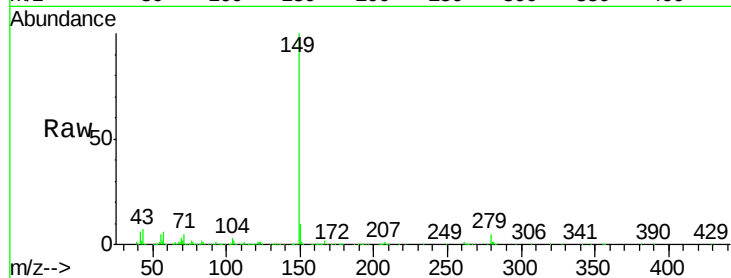
#85
Di-n-octyl phthalate
Concen: 39.75 ng
RT: 22.69 min Scan# 3337
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.1	5.8	8.8

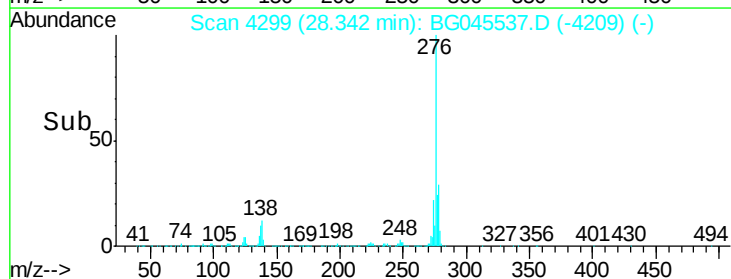
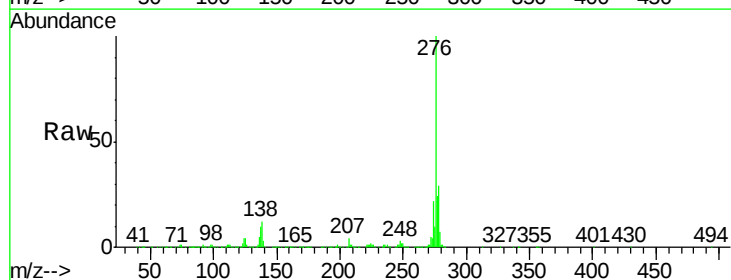
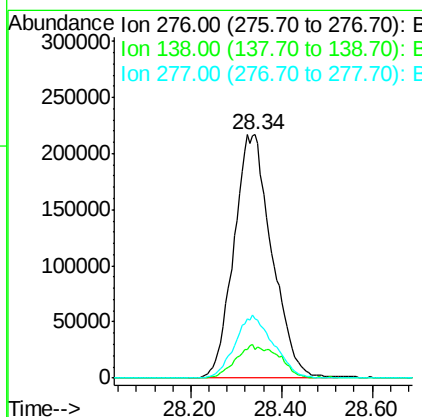
Manual Integrations
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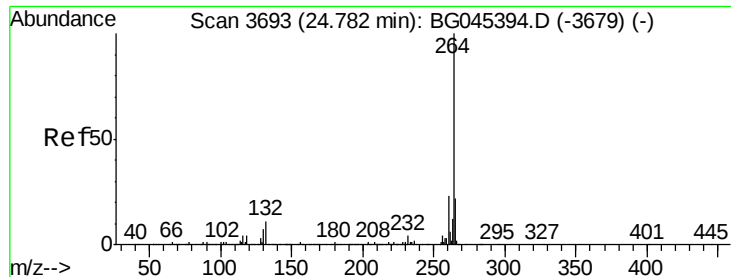
mohammad
6/1/2020 12:22:50 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.58 ng
RT: 28.34 min Scan# 4299
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	8.6	12.8#
277	26.2	20.2	30.4





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.75 min Scan# 3688

Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

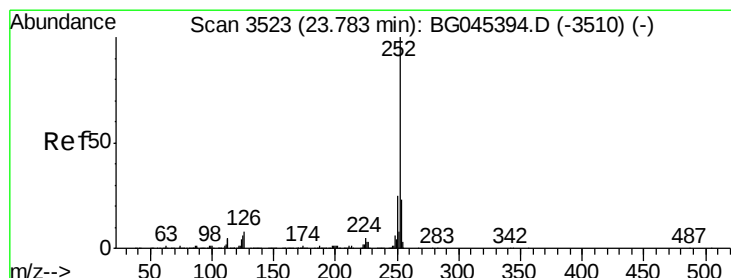
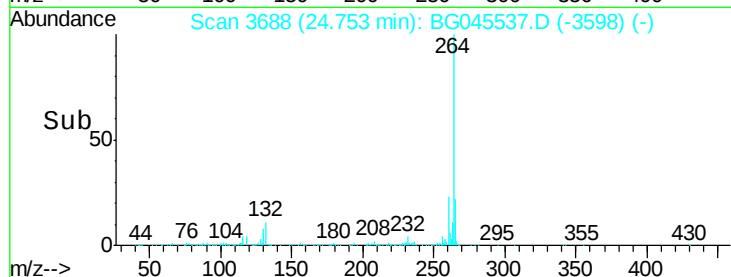
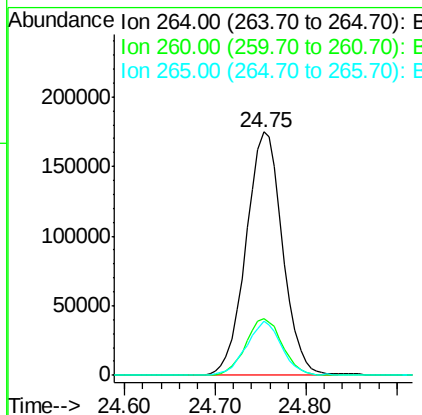
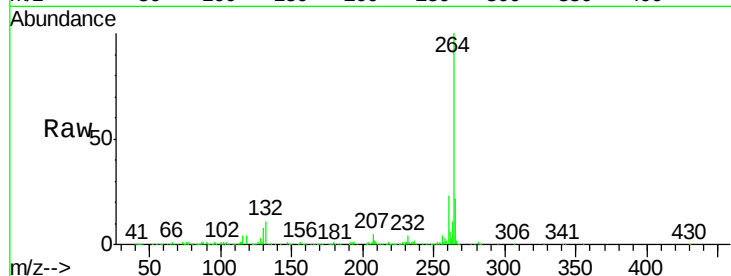
ClientSampleId :

PB129185BS

Tgt Ion:	264	Resp:	489260
Ion Ratio		Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.2	17.6	26.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 39.87 ng

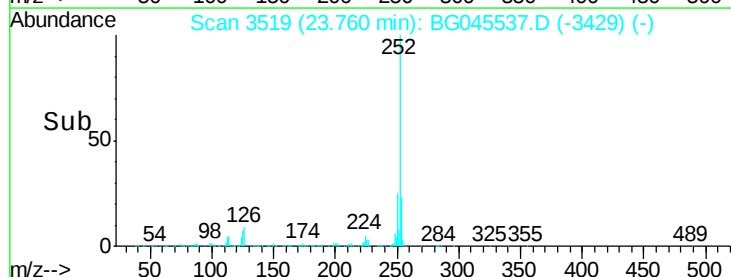
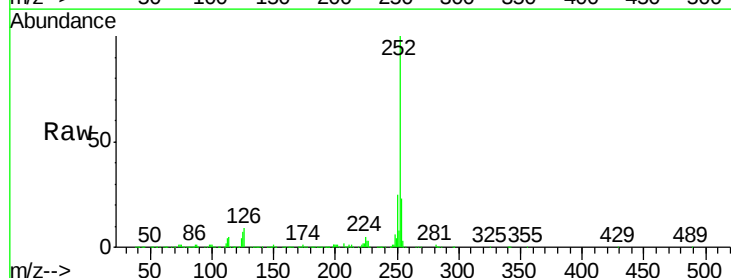
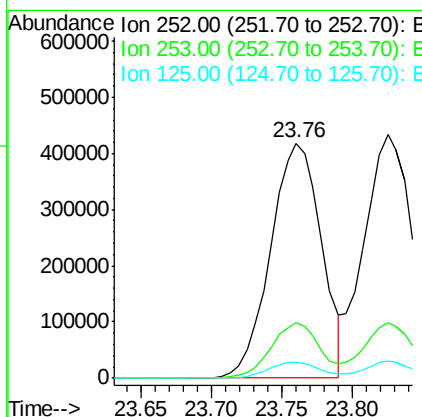
RT: 23.76 min Scan# 3519

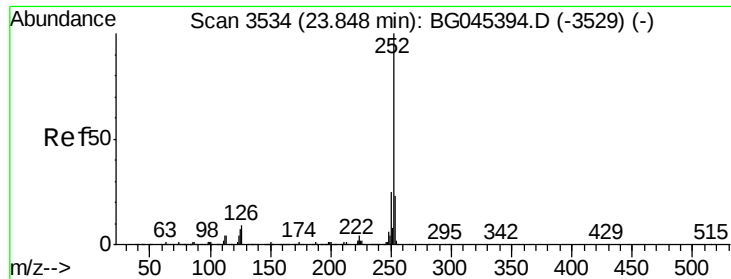
Delta R.T. -0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Tgt Ion:	252	Resp:	1046220
Ion Ratio		Lower	Upper
252	100		
253	23.4	18.1	27.1
125	6.8	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 42.05 ng

RT: 23.82 min Scan# 3530

Delta R.T. -0.01 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Instrument :

BNA_G

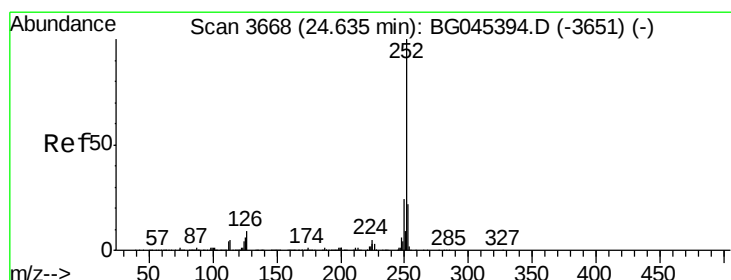
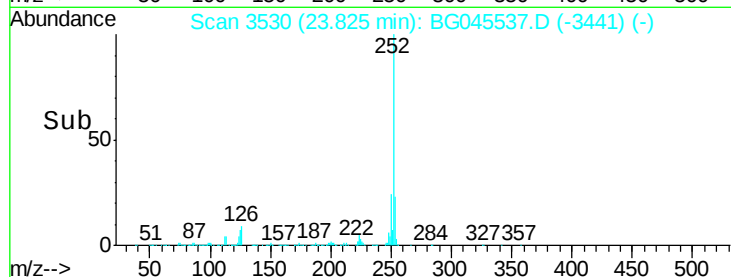
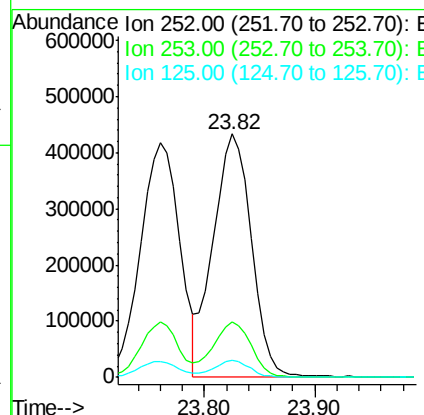
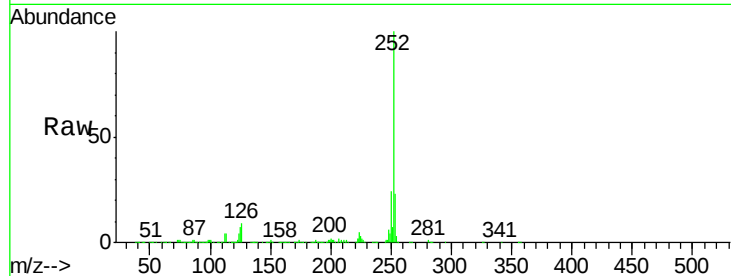
ClientSampleId :

PB129185BS

Tgt Ion:	252	Resp:	1036704
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.4	27.6
125	7.2	5.7	8.5

Manual Integrations
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6/1/2020 12:22:50 PM



#90

Benzo(a)pyrene

Concen: 40.26 ng

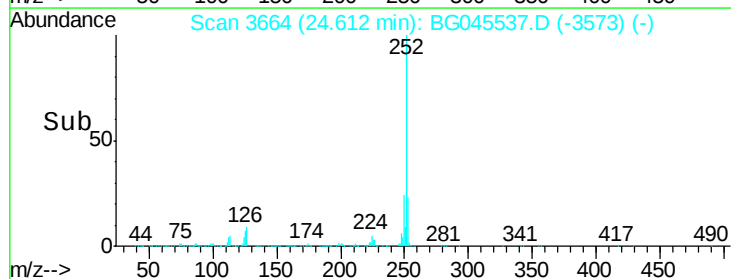
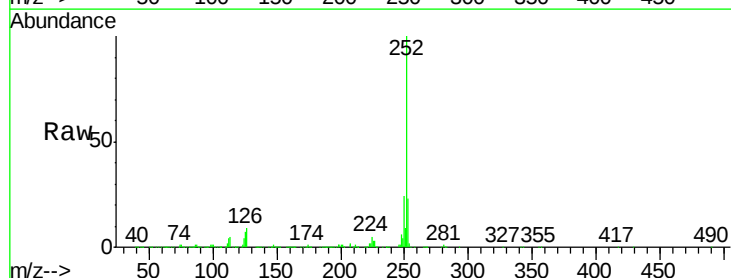
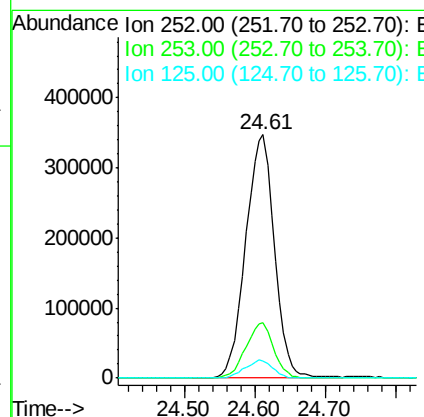
RT: 24.61 min Scan# 3664

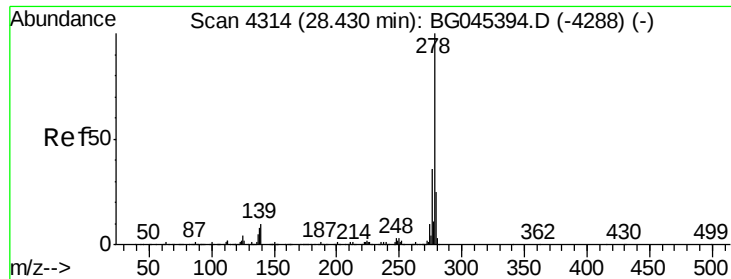
Delta R.T. 0.00 min

Lab File: BG045537.D

Acq: 30 May 2020 2:42

Tgt Ion:	252	Resp:	983911
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.2	25.8
125	6.9	5.0	7.6





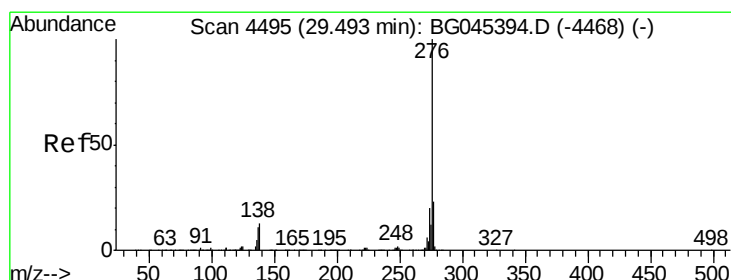
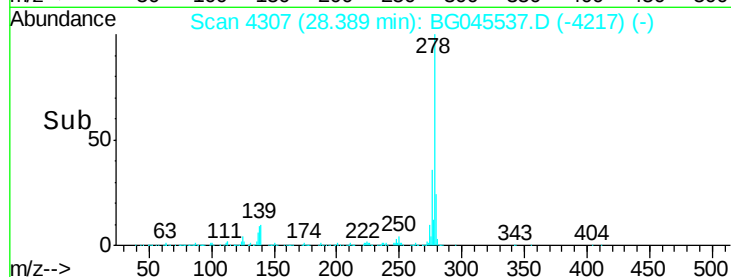
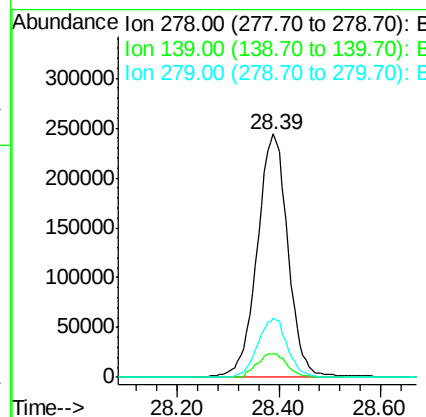
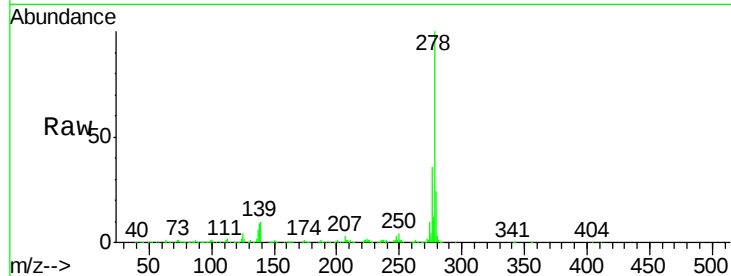
#91
Dibenzo(a,h)anthracene
Concen: 41.71 ng
RT: 28.39 min Scan# 4307
Delta R.T. -0.00 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Instrument :
BNA_G
ClientSampleId :
PB129185BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.8	7.8	11.8
279	24.5	19.8	29.8

Manual Integrations
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6/1/2020 12:22:50 PM



#92
Benzo(g,h,i)perylene
Concen: 42.52 ng
RT: 29.44 min Scan# 4486
Delta R.T. -0.01 min
Lab File: BG045537.D
Acq: 30 May 2020 2:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.1	27.1
138	12.5	10.2	15.4

