

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
 Data File : BG045154.D
 Acq On : 23 Apr 2020 23:08
 Operator : CG/JU
 Sample : L2258-06MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 6MS

Manual Integrations
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 4/24/2020 1:35:18 PM

Quant Time: Apr 24 03:47:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:58:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	73222	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	292483	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	195226	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	385188	20.00	ng	0.00
76) Chrysene-d12	21.66	240	375968	20.00	ng	0.00
87) Perylene-d12	24.84	264	421122	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	245361	55.32	ng	0.00
7) Phenol-d6	7.18	99	355418	53.94	ng	0.00
23) Nitrobenzene-d5	9.17	82	229222	35.76	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	151896	50.36	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	531945	39.95	ng	0.00
79) Terphenyl-d14	20.01	244	774728	44.91	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.47	88	80829	41.01 ng	99
3) Pyridine	3.86	79	242235	39.91 ng	96
4) n-Nitrosodimethylamine	3.78	42	97035	52.19 ng	88
6) Aniline	7.33	93	276469	32.27 ng	96
8) 2-Chlorophenol	7.58	128	287220	60.26 ng	98
9) Benzaldehyde	7.14	77	132411	34.06 ng	98
10) Phenol	7.21	94	383248	58.12 ng	100
11) bis(2-Chloroethyl)ether	7.42	93	267569	50.97 ng	99
12) 1,3-Dichlorobenzene	7.90	146	310749	55.32 ng	97
13) 1,4-Dichlorobenzene	8.05	146	306560	54.77 ng	98
14) 1,2-Dichlorobenzene	8.36	146	298232	55.70 ng	97
15) Benzyl Alcohol	8.25	79	284218	51.44 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	242142	46.99 ng	98
17) 2-Methylphenol	8.46	107	257271	50.57 ng	96
18) Hexachloroethane	9.10	117	118088	56.13 ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	226828	48.67 ng	99
20) 3+4-Methylphenols	8.79	107	353264	49.61 ng	97
22) Acetophenone	8.83	105	430287	54.40 ng	# 99
24) Nitrobenzene	9.21	77	350669	53.37 ng	# 96
25) Isophorone	9.74	82	626926	47.76 ng	# 97
26) 2-Nitrophenol	9.93	139	163559	57.79 ng	97
27) 2,4-Dimethylphenol	9.99	122	258080	57.47 ng	94
28) bis(2-Chloroethoxy)methane	10.22	93	353403	51.24 ng	99
29) 2,4-Dichlorophenol	10.47	162	299066	57.67 ng	99
30) 1,2,4-Trichlorobenzene	10.68	180	329084	56.05 ng	96
31) Naphthalene	10.87	128	862269	53.89 ng	99
32) Benzoic acid	10.16	122	215859	57.97 ng	98
33) 4-Chloroaniline	10.97	127	169614	22.73 ng	99
34) Hexachlorobutadiene	11.16	225	219976	54.65 ng	99
35) Caprolactam	11.75	113	90377m	43.79 ng	
36) 4-Chloro-3-methylphenol	12.11	107	318624	52.31 ng	99
37) 2-Methylnaphthalene	12.48	142	636920	51.29 ng	98
38) 1-Methylnaphthalene	12.69	142	632343	53.93 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	364377	57.97 ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:58:55 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	237712	60.51	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	255350	57.56	ng	95
44) 2,4,5-Trichlorophenol	13.16	196	273264	54.12	ng	99
46) 1,1'-Biphenyl	13.48	154	774609	52.20	ng	98
47) 2-Chloronaphthalene	13.53	162	628478	55.43	ng	99
48) 2-Nitroaniline	13.72	65	192356	51.56	ng	96
49) Acenaphthylene	14.37	152	953889	51.65	ng	97
50) Dimethylphthalate	14.10	163	852831	53.65	ng	97
51) 2,6-Dinitrotoluene	14.22	165	182406	51.30	ng	98
52) Acenaphthene	14.71	154	679739m	54.40	ng	
53) 3-Nitroaniline	14.54	138	125355	32.15	ng	# 83
54) 2,4-Dinitrophenol	14.75	184	130014	61.49	ng	91
55) Dibenzofuran	15.05	168	932690	51.20	ng	95
56) 4-Nitrophenol	14.87	139	294545	97.42	ng	95
57) 2,4-Dinitrotoluene	15.01	165	247324	47.60	ng	# 96
58) Fluorene	15.70	166	763283	51.29	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	243186	54.12	ng	# 95
60) Diethylphthalate	15.47	149	766697	46.26	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	419198	48.94	ng	100
62) 4-Nitroaniline	15.71	138	135256	33.44	ng	88
63) Azobenzene	15.98	77	763150	49.94	ng	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	100056	39.52	ng	89
66) n-Nitrosodiphenylamine	15.91	169	708711	64.04	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	276225	55.59	ng	97
68) Hexachlorobenzene	16.71	284	298052	57.83	ng	99
69) Atrazine	16.86	200	260663	66.90	ng	99
70) Pentachlorophenol	17.05	266	361082	114.21	ng	98
71) Phenanthrene	17.44	178	1128989	57.04	ng	97
72) Anthracene	17.53	178	1140050	57.42	ng	97
73) Carbazole	17.80	167	1025836	50.91	ng	100
74) Di-n-butylphthalate	18.36	149	1176931	55.01	ng	98
75) Fluoranthene	19.45	202	1272312	56.23	ng	98
77) Benzidine	19.62	184	652133	62.16	ng	98
78) Pyrene	19.81	202	1299028	50.12	ng	100
80) Butylbenzylphthalate	20.69	149	525982	48.96	ng	97
81) Benzo(a)anthracene	21.65	228	1335555	54.81	ng	100
82) 3,3'-Dichlorobenzidine	21.55	252	445919	45.98	ng	# 99
83) Chrysene	21.71	228	1269062	54.20	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	773577	52.35	ng	98
85) Di-n-octyl phthalate	22.76	149	1339043	52.40	ng	99
86) Indeno(1,2,3-cd)pyrene	28.47	276	1688177	54.31	ng	# 98
88) Benzo(b)fluoranthene	23.84	252	1458589	55.29	ng	99
89) Benzo(k)fluoranthene	23.91	252	1407074	56.09	ng	98
90) Benzo(a)pyrene	24.70	252	1343682	53.95	ng	# 98
91) Dibenzo(a,h)anthracene	28.54	278	1381167	55.03	ng	97
92) Benzo(g,h,i)perylene	29.60	276	1268179	50.40	ng	97

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

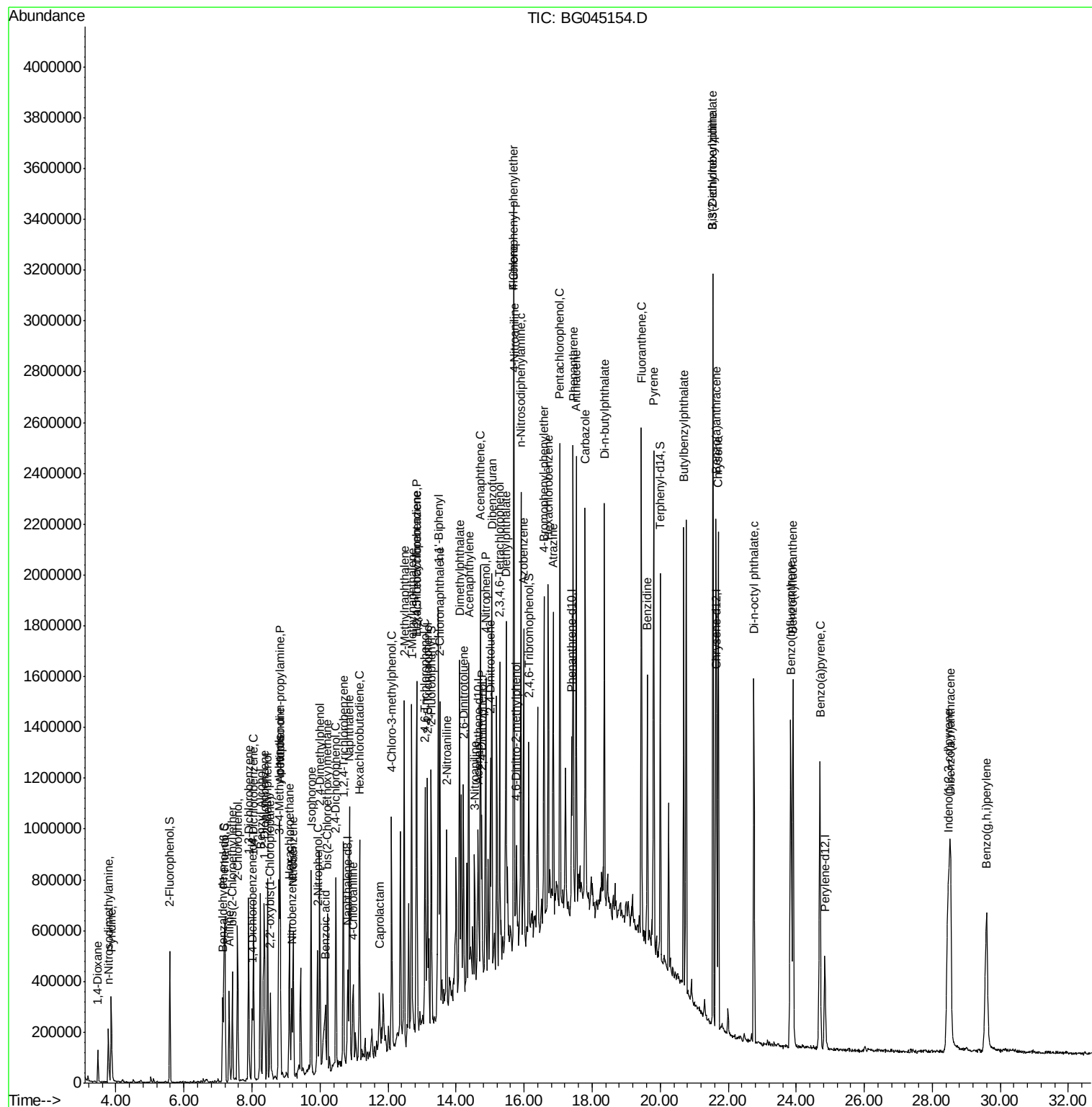
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
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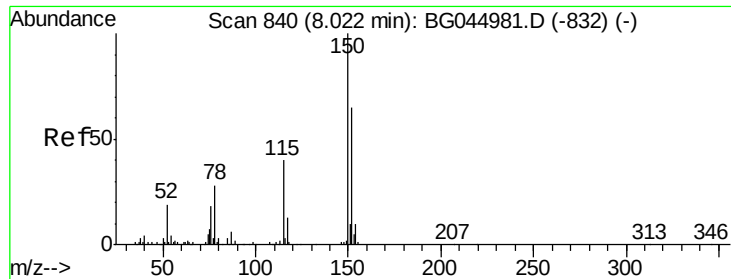
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6MS

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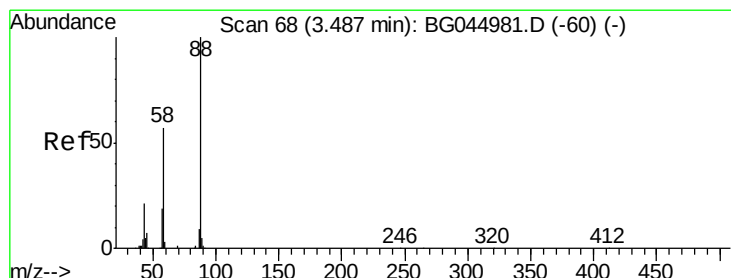
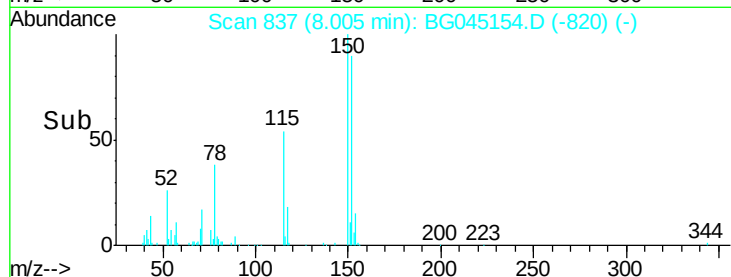
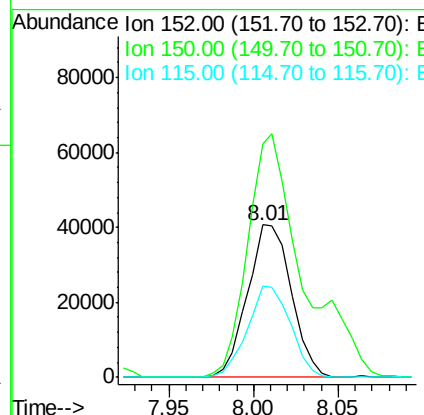
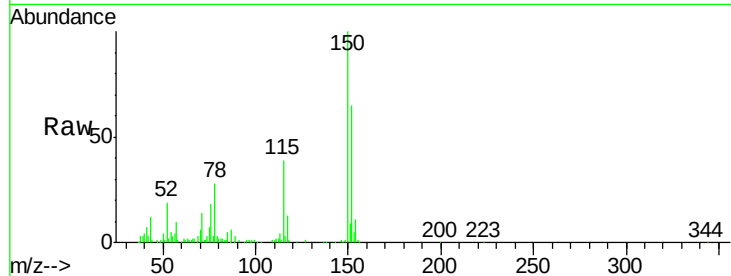
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.01 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Instrument :
 BNA_G
 ClientSampled :
 6MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.6	185.4
115	59.9	49.1	73.7

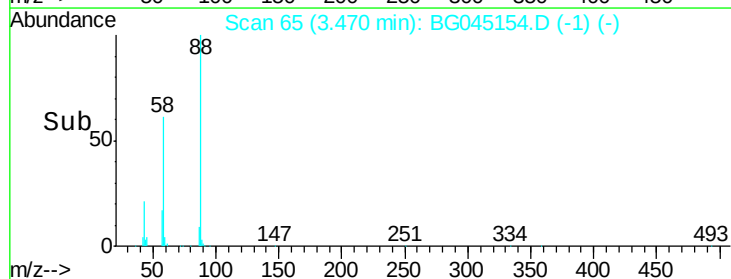
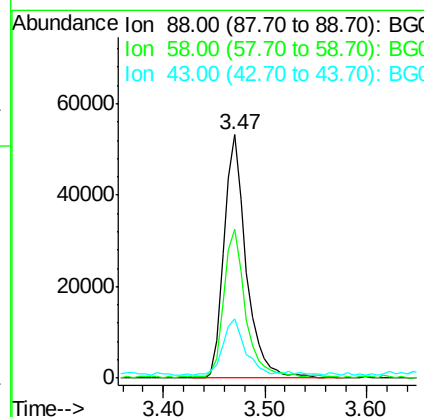
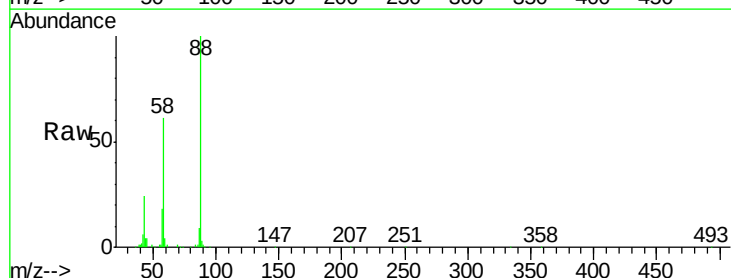
Manual Integrations
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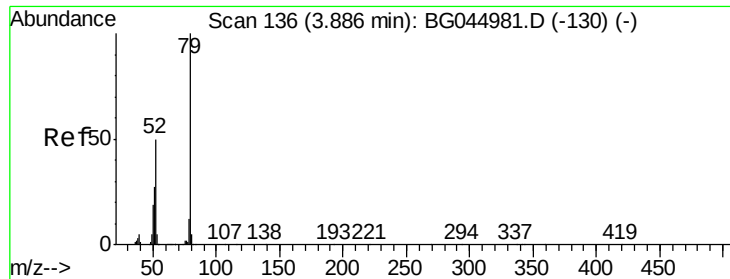
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#2
 1,4-Dioxane
 Concen: 41.01 ng
 RT: 3.47 min Scan# 65
 Delta R.T. 0.00 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.2	46.6	69.8
43	22.2	17.5	26.3





#3

Pyridine

Concen: 39.91 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

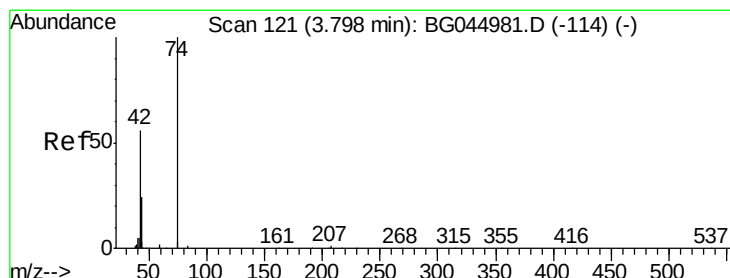
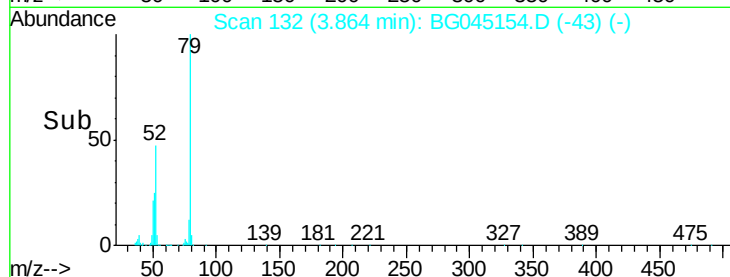
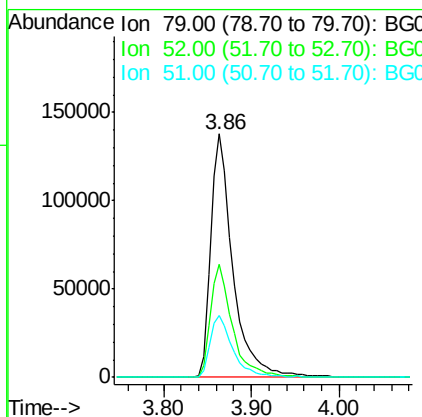
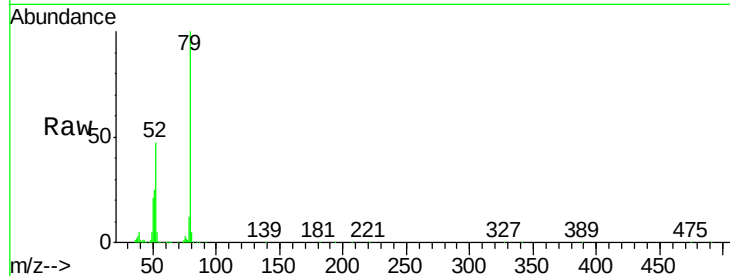
ClientSampleId :

6MS

Tgt Ion:	79	Resp:	242235
Ion	Ratio	Lower	Upper
79	100		
52	46.6	39.8	59.6
51	25.4	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 52.19 ng

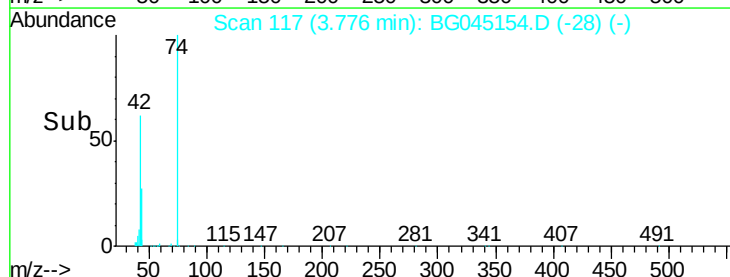
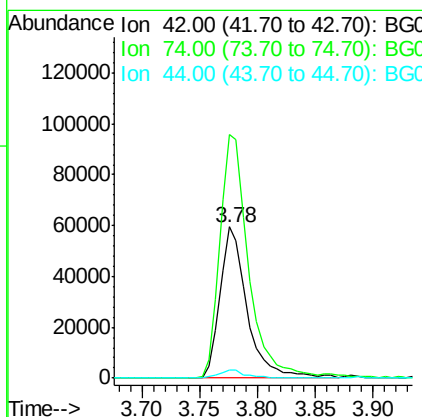
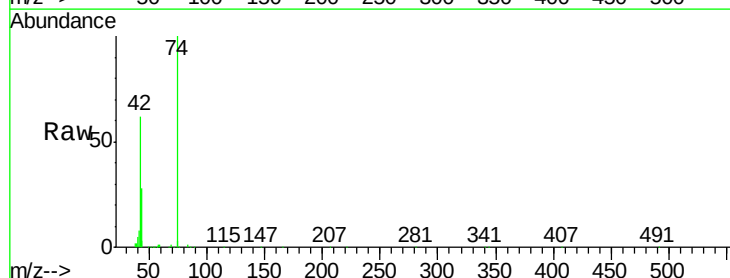
RT: 3.78 min Scan# 117

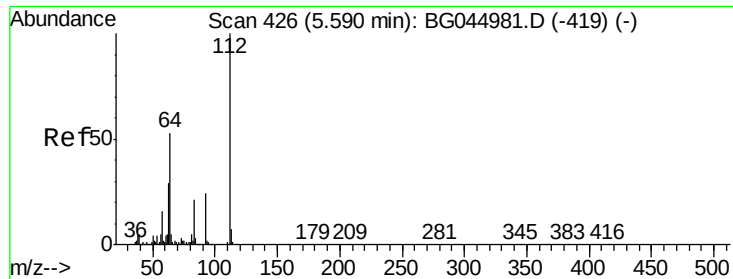
Delta R.T. -0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt Ion:	42	Resp:	97035
Ion	Ratio	Lower	Upper
42	100		
74	161.2	143.0	214.6
44	5.6	4.6	6.8





#5

2-Fluorophenol

Concen: 55.32 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

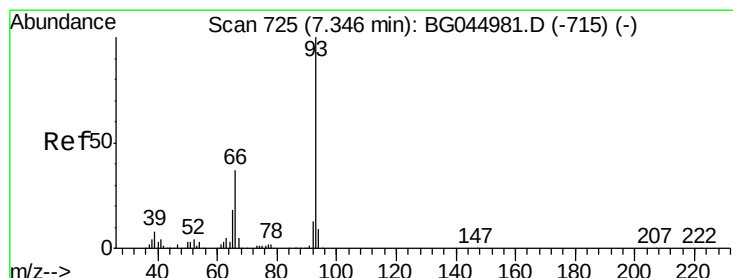
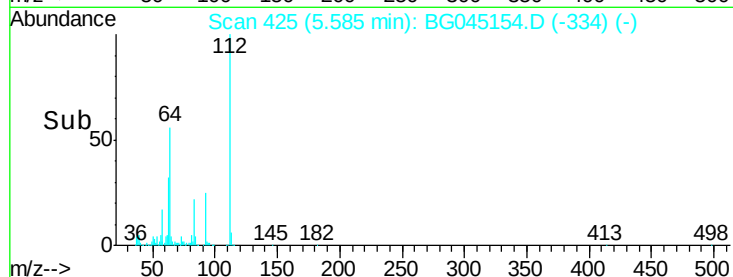
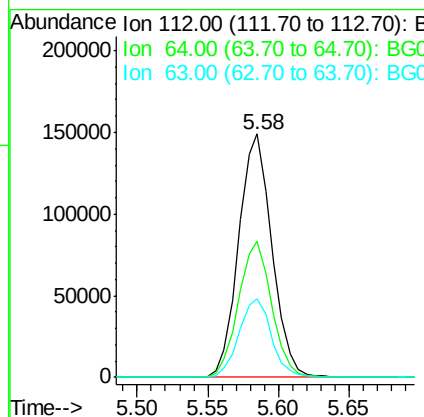
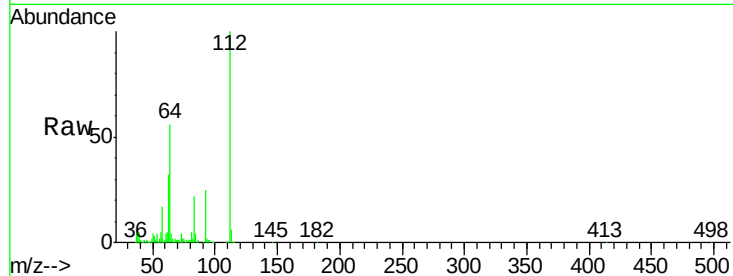
ClientSampleId :

6MS

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	245361		
64	55.8	42.4	63.6	
63	32.2	23.1	34.7	

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#6

Aniline

Concen: 32.27 ng

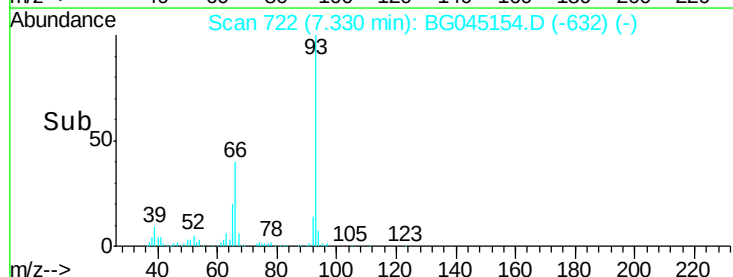
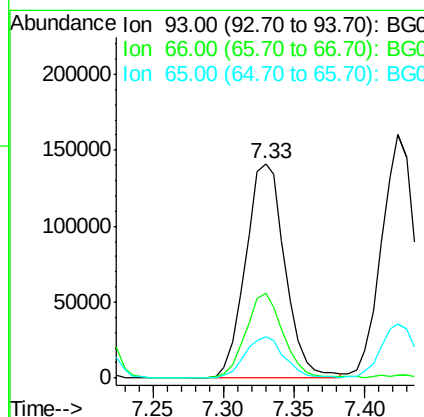
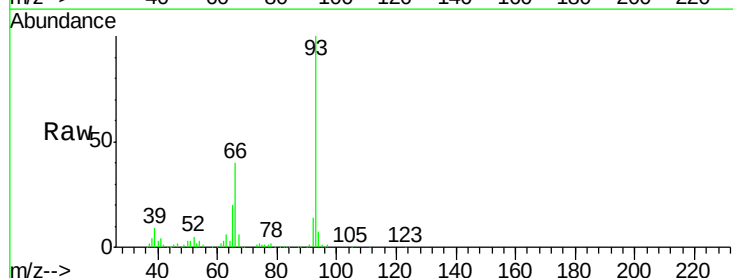
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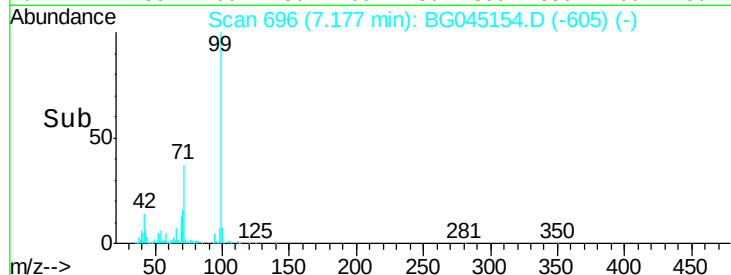
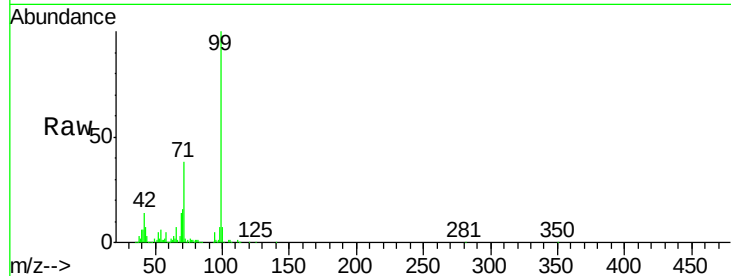
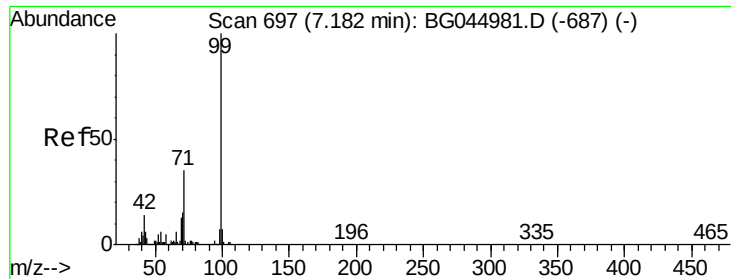
Delta R.T. 0.00 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	276469		
66	39.9	29.8	44.8	
65	19.5	14.6	22.0	





#7

Phenol-d6

Concen: 53.94 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		355418		
42	13.9	11.3	16.9		
71	37.5	28.3	42.5		

Instrument :

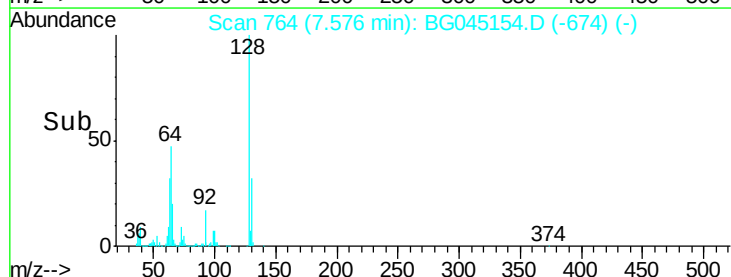
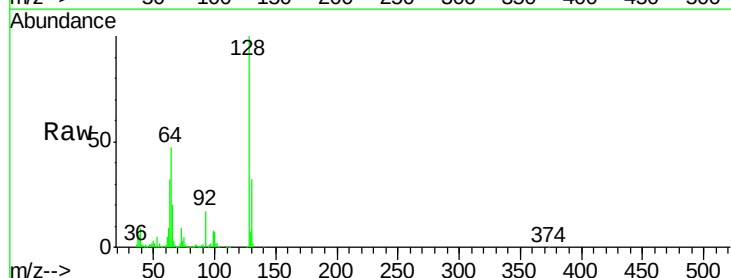
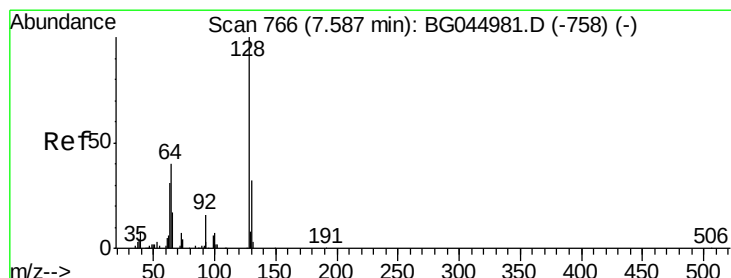
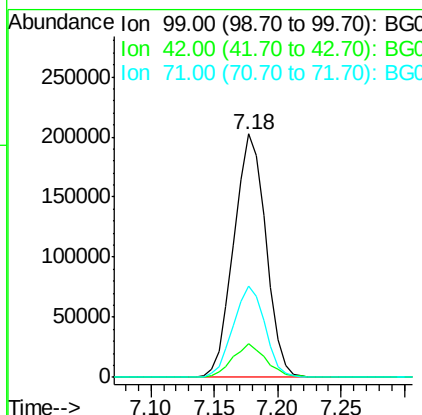
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#8

2-Chlorophenol

Concen: 60.26 ng

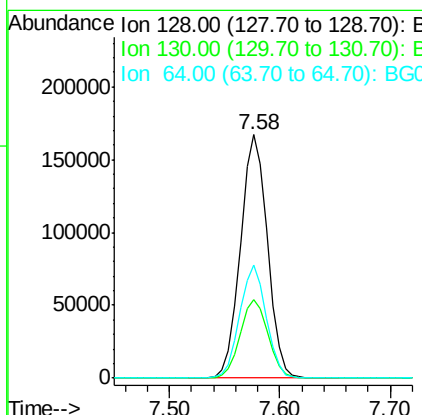
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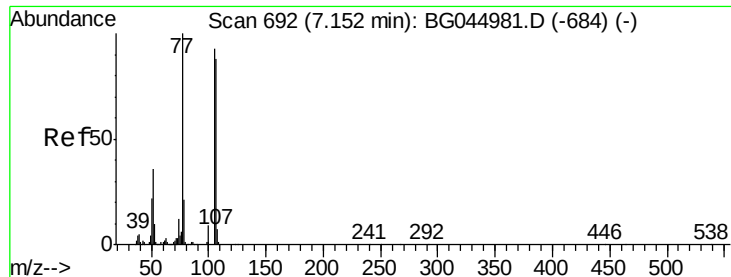
Delta R.T. 0.00 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		287220		
130	32.0	12.3	52.3		
64	46.5	24.4	64.4		





#9

Benzaldehyde

Concen: 34.06 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

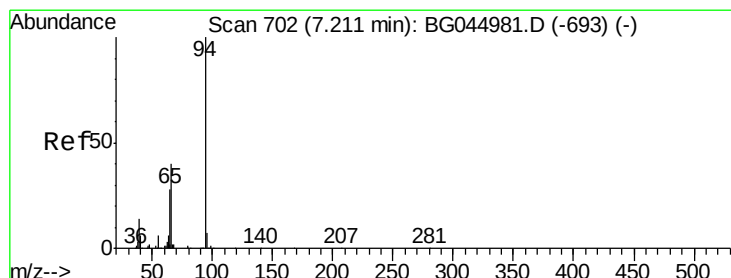
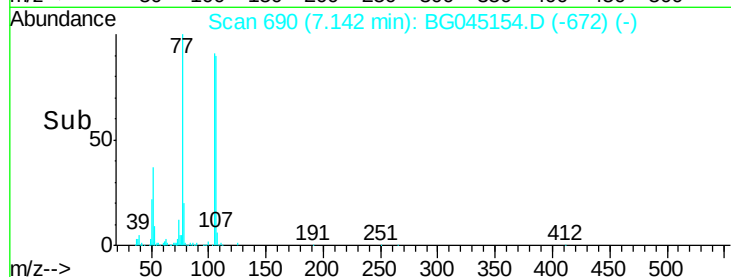
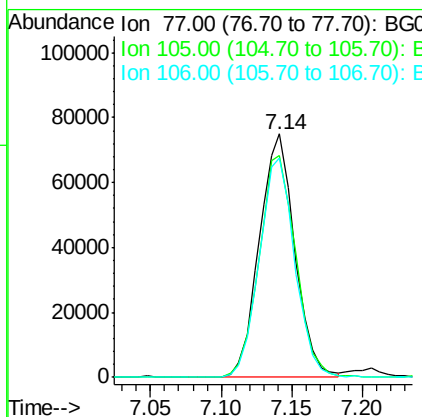
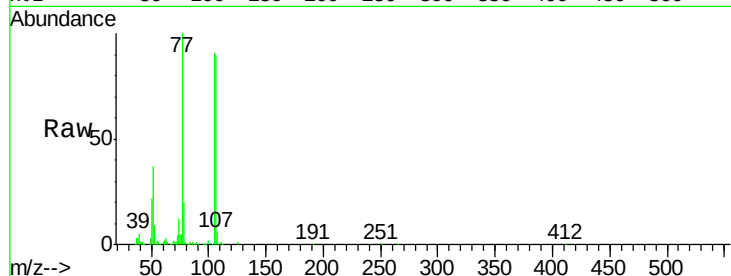
ClientSampled :

6MS

Tgt Ion:	77	Resp:	132411
Ion Ratio	Lower	Upper	
77	100		
105	91.3	72.9	112.9
106	90.1	67.6	107.6

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#10

Phenol

Concen: 58.12 ng

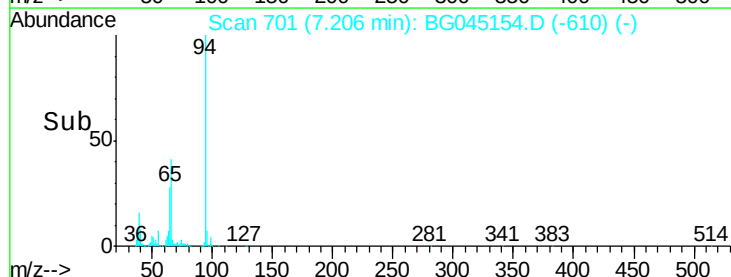
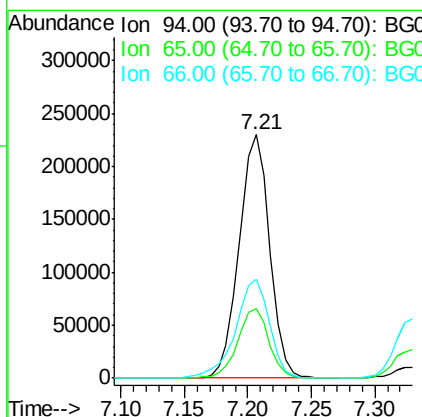
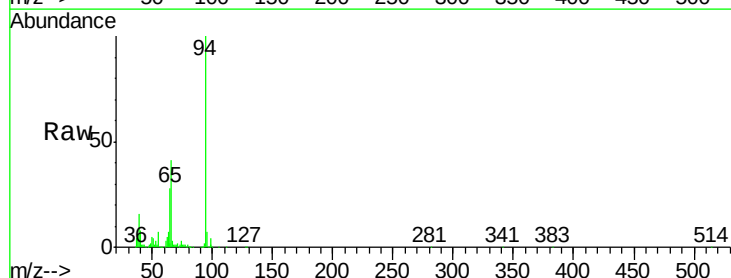
RT: 7.21 min Scan# 701

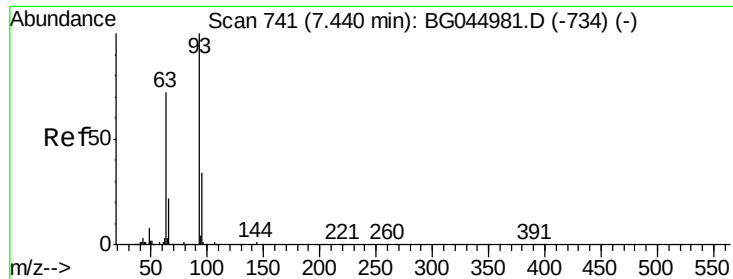
Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt Ion:	94	Resp:	383248
Ion Ratio	Lower	Upper	
94	100		
65	28.4	8.2	48.2
66	40.7	20.4	60.4





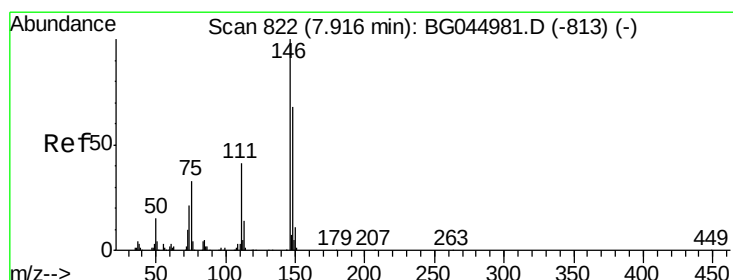
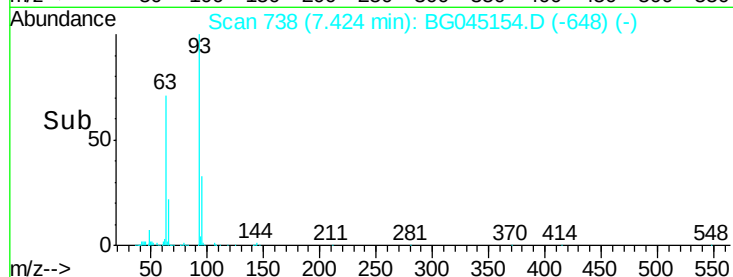
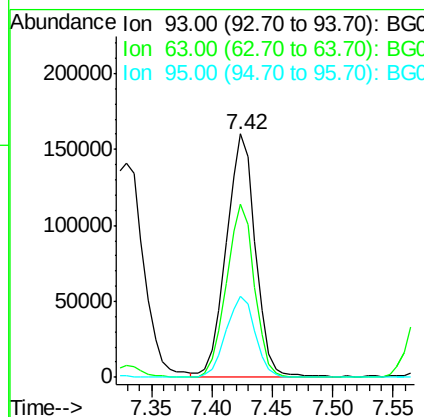
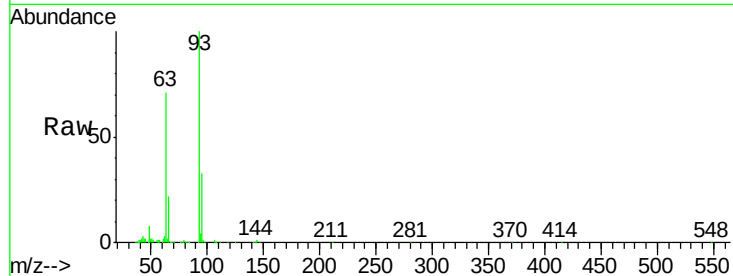
#11
bis(2-Chloroethyl)ether
Concen: 50.97 ng
RT: 7.42 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Instrument :
BNA_G
ClientSampleId :
6MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	71.3	51.8	91.8
95	33.3	13.8	53.8

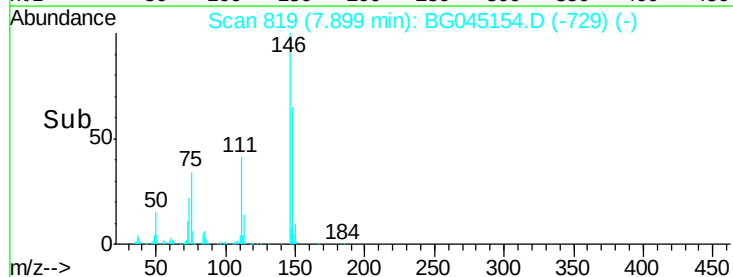
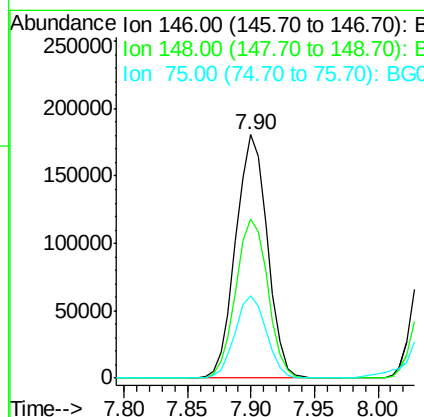
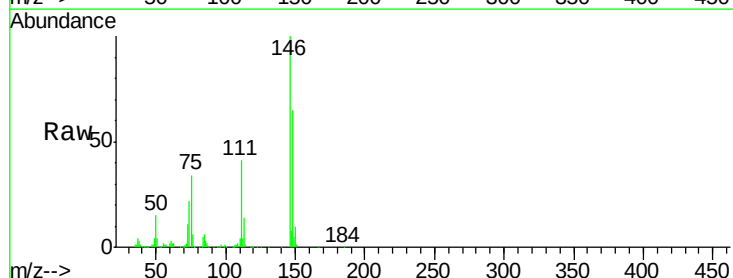
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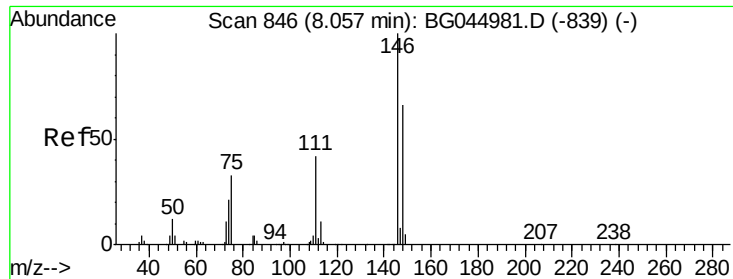
mohammad
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#12
1,3-Dichlorobenzene
Concen: 55.32 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	54.6	81.8
75	33.7	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 54.77 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

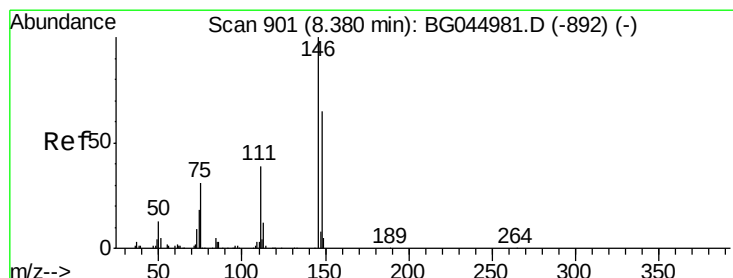
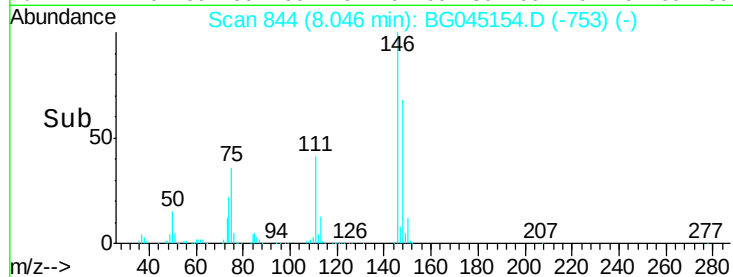
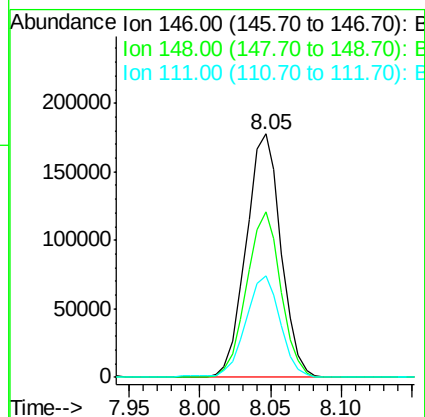
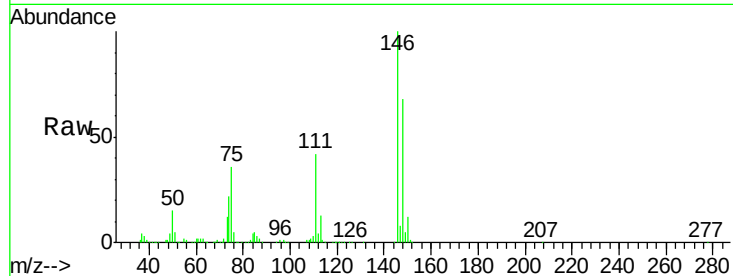
ClientSampled :

6MS

Tgt Ion:	146	Resp:	306560
Ion Ratio	Lower	Upper	
146	100		
148	68.2	53.3	79.9
111	41.7	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 55.70 ng

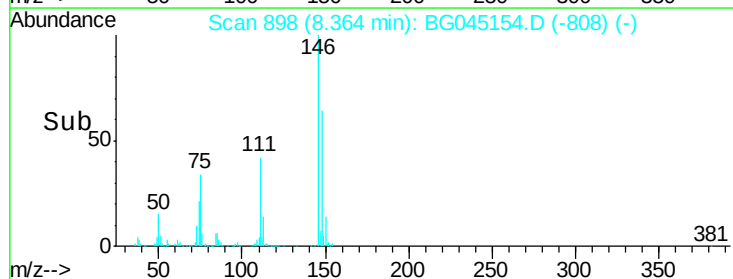
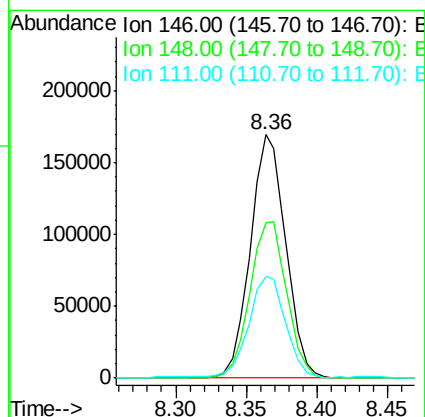
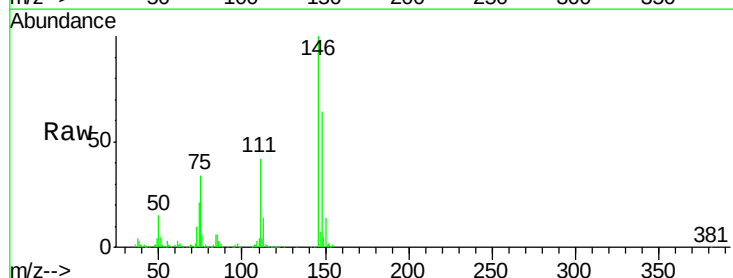
RT: 8.36 min Scan# 898

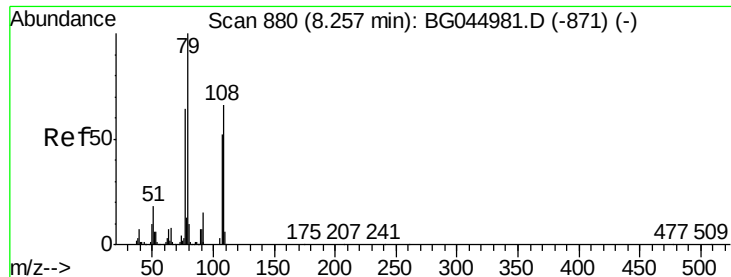
Delta R.T. 0.00 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt Ion:	146	Resp:	298232
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.9	77.9
111	41.9	31.3	46.9





#15

Benzyl Alcohol

Concen: 51.44 ng

RT: 8.25 min Scan# 878

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

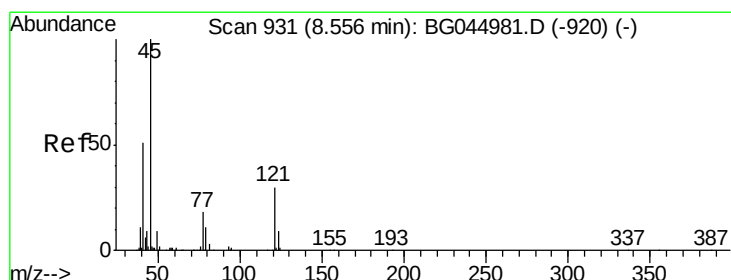
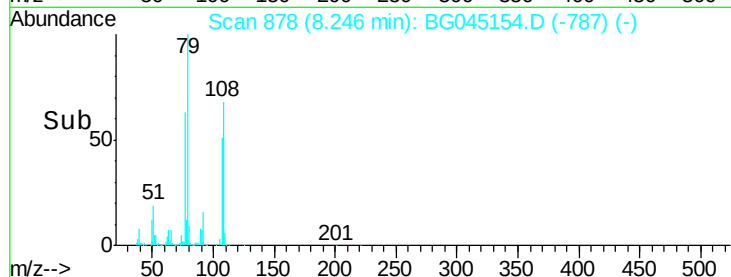
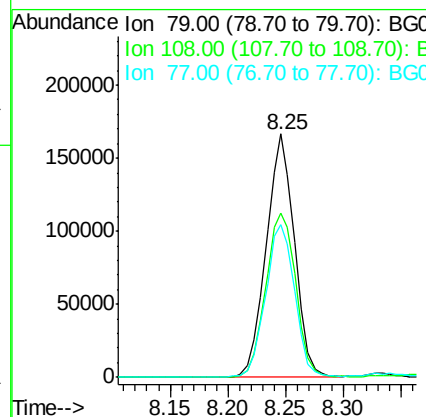
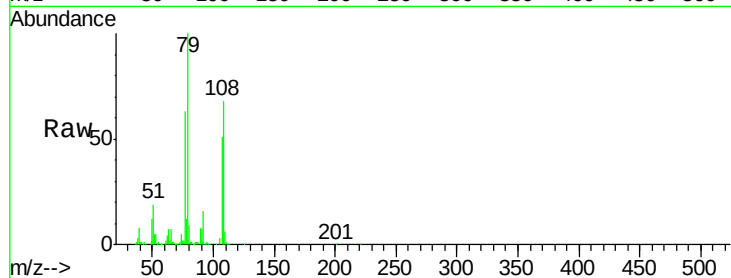
ClientSampleId :

6MS

Tgt Ion:	79	Resp:	284218
Ion Ratio	Lower	Upper	
79	100		
108	67.7	52.7	79.1
77	62.7	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.99 ng

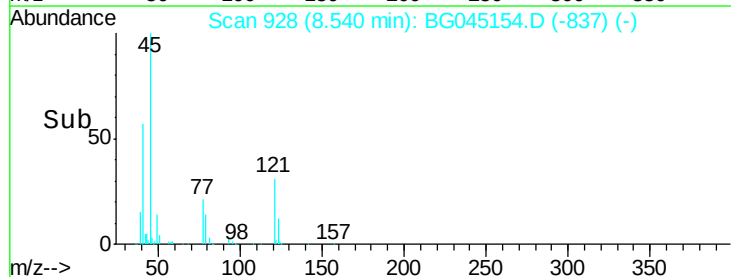
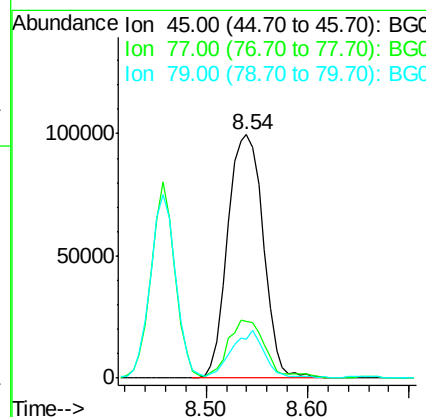
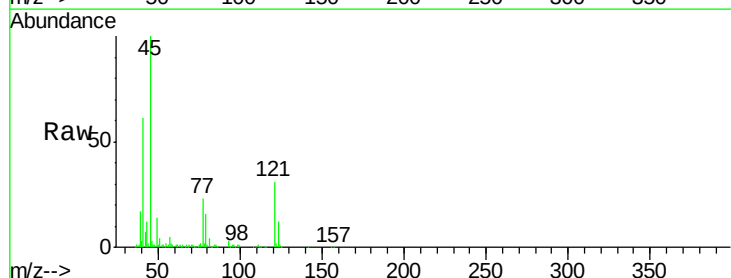
RT: 8.54 min Scan# 928

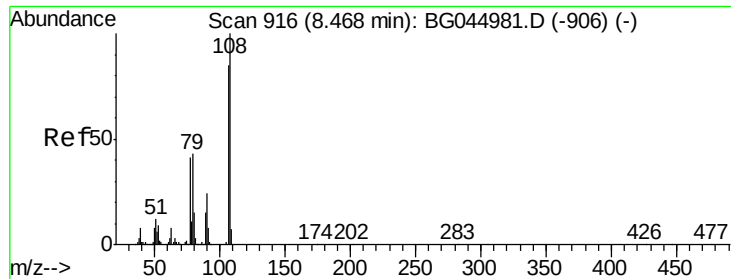
Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt Ion:	45	Resp:	242142
Ion Ratio	Lower	Upper	
45	100		
77	23.2	1.9	41.9
79	16.1	0.0	35.5





#17

2-Methylphenol

Concen: 50.57 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BG045154.D

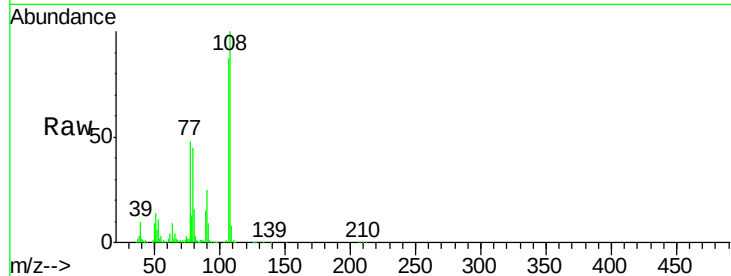
Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

ClientSampleId :

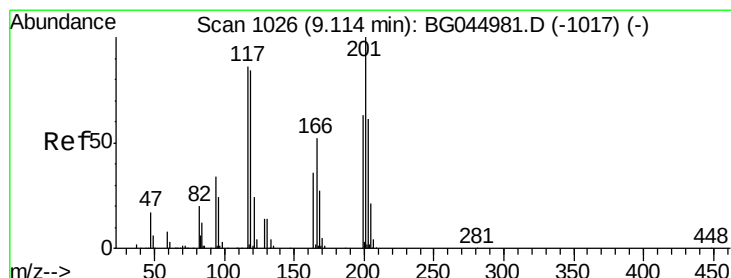
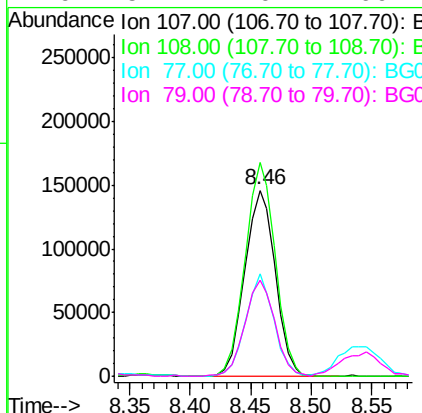
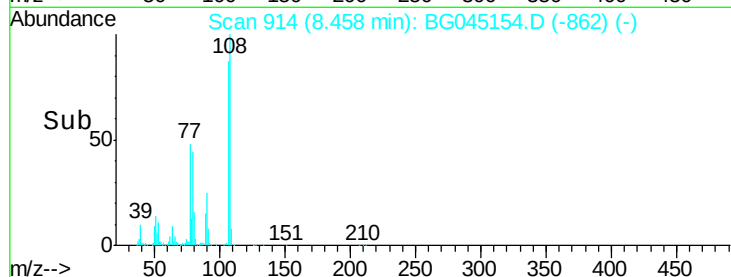
6MS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	257271		
108	115.1	93.8	140.6	
77	55.0	38.5	57.7	
79	51.4	40.1	60.1	

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#18

Hexachloroethane

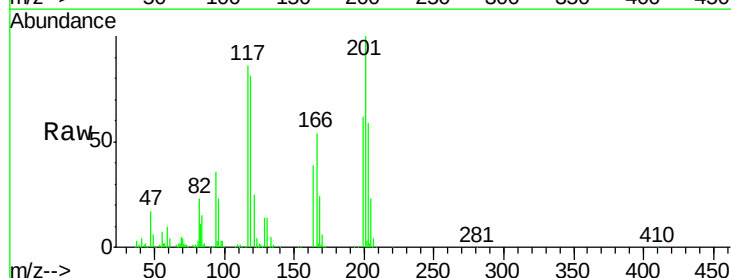
Concen: 56.13 ng

RT: 9.10 min Scan# 1023

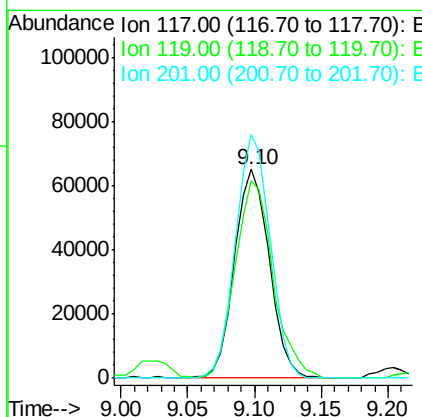
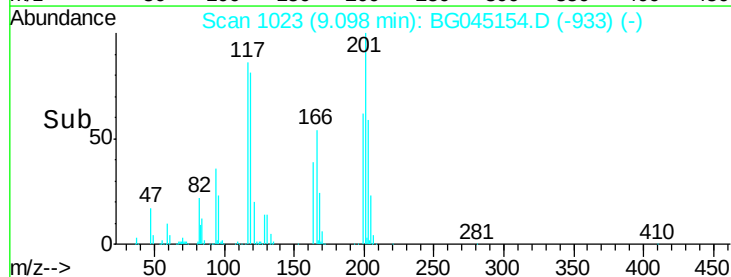
Delta R.T. 0.00 min

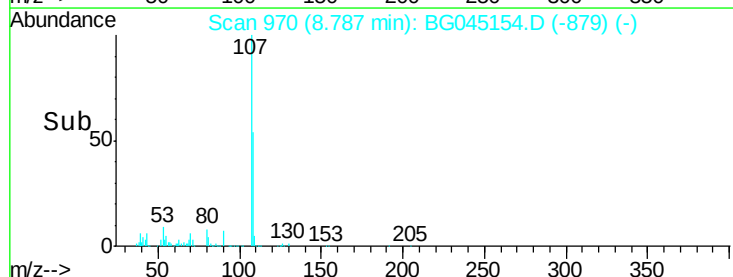
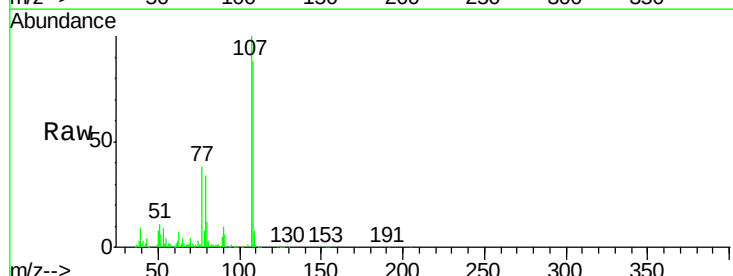
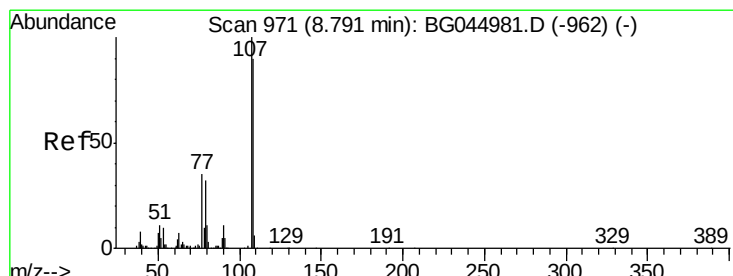
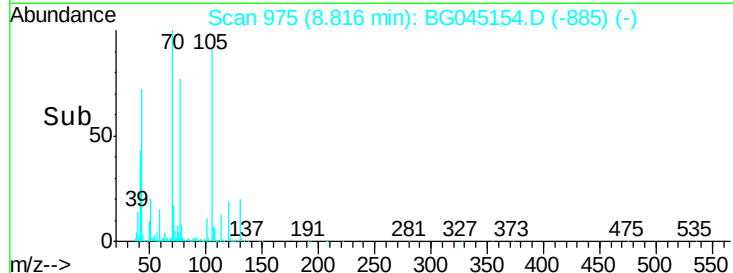
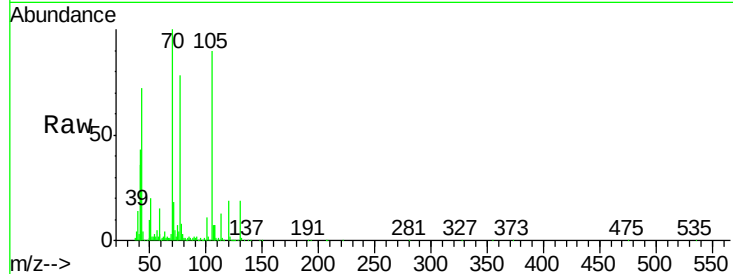
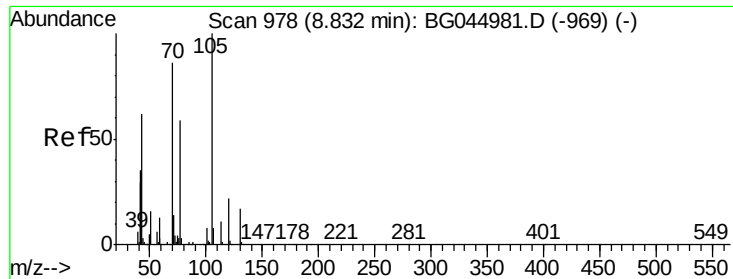
Lab File: BG045154.D

Acq: 23 Apr 2020 23:08



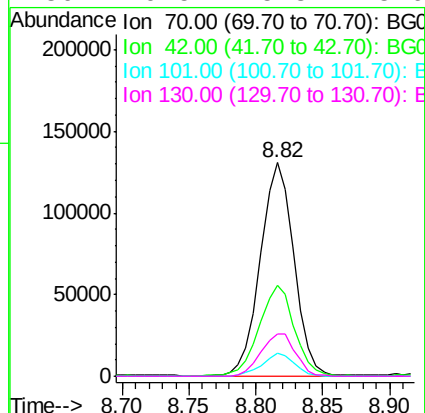
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	118088		
119	94.7	78.3	117.5	
201	116.8	92.9	139.3	





#19
n-Nitroso-di-n-propylamine
Concen: 48.67 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
70	100		
42	42.5	33.3	49.9
101	10.5	7.8	11.8
130	19.5	15.8	23.6



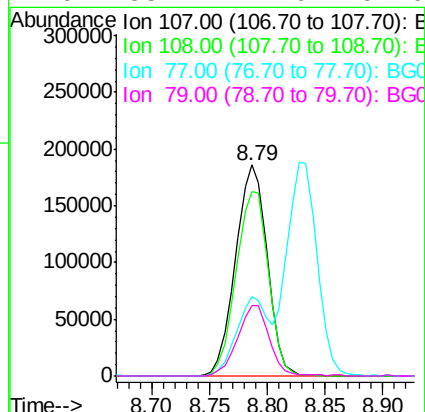
Instrument :
BNA_G
ClientSampleId :
6MS

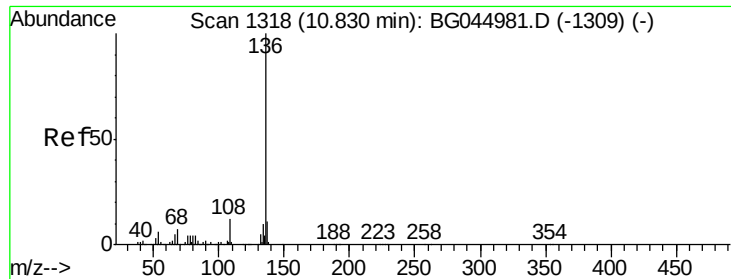
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#20
3+4-Methylphenols
Concen: 49.61 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	69.9	109.9
77	37.8	15.2	55.2
79	33.7	11.6	51.6





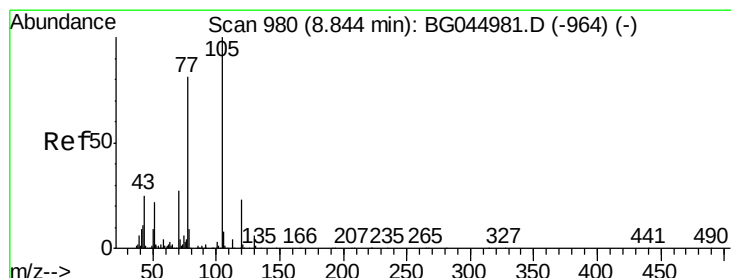
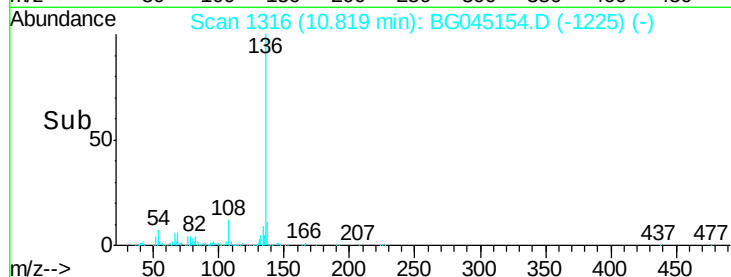
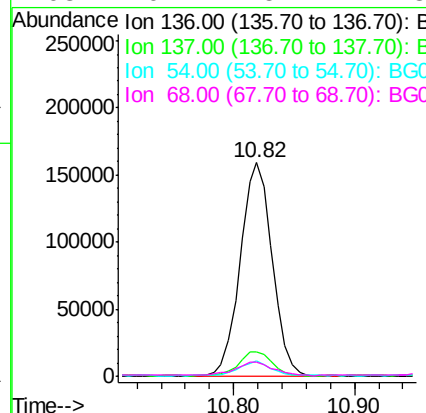
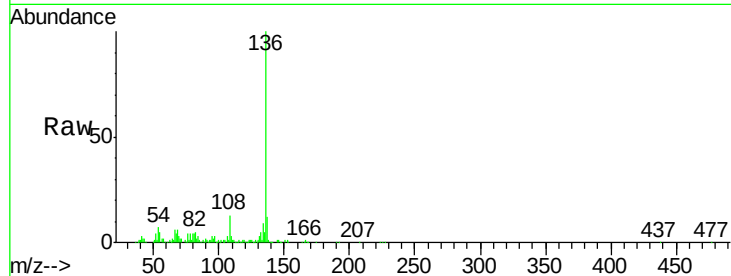
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Instrument :
BNA_G
ClientSampleId :
6MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	292483		
137	11.5	8.6	13.0	
54	7.3	4.8	7.2#	
68	6.4	5.2	7.8	

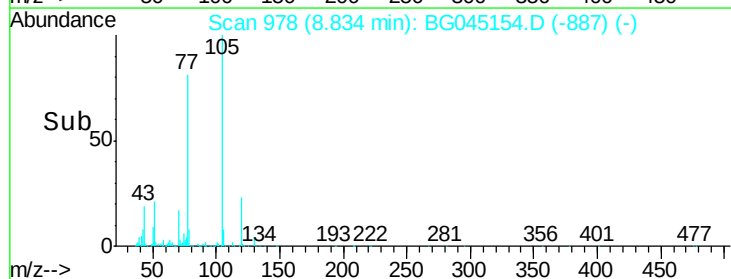
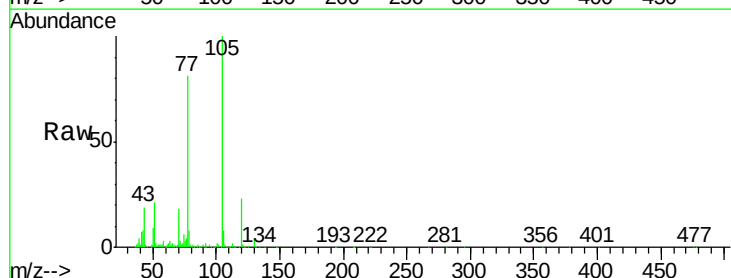
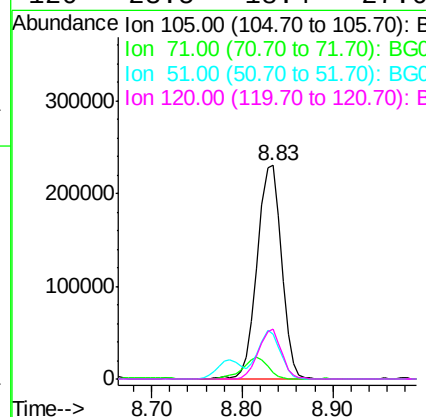
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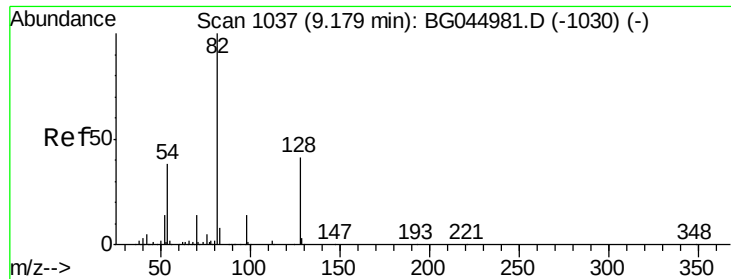
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#22
Acetophenone
Concen: 54.40 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	430287		
71	3.1	3.3	4.9#	
51	21.1	17.3	25.9	
120	23.5	18.4	27.6	





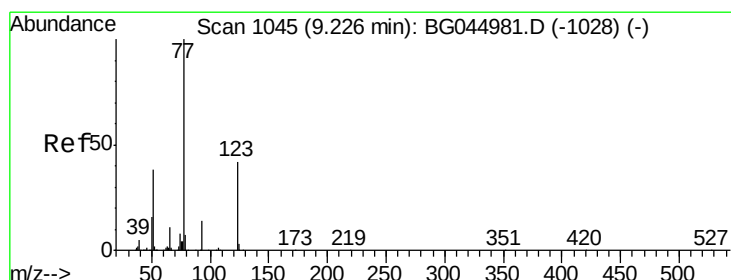
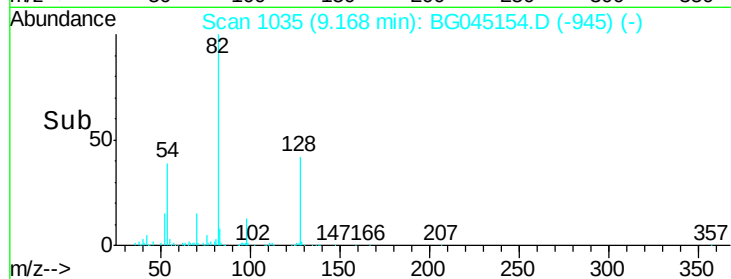
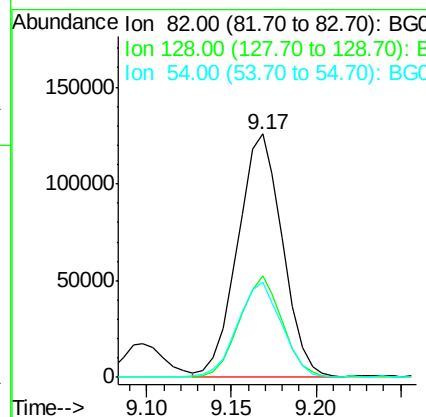
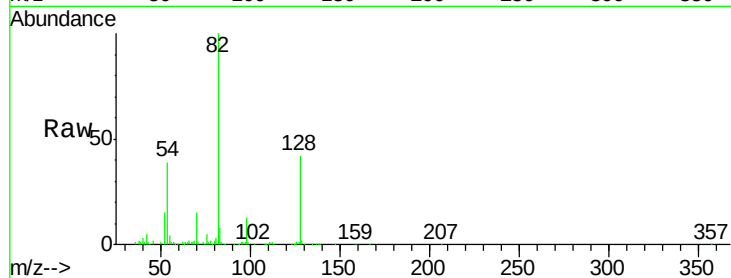
#23
 Nitrobenzene-d5
 Concen: 35.76 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Instrument :
 BNA_G
 ClientSampleId :
 6MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	229222		
128	41.8	33.0	49.4	
54	39.1	30.4	45.6	

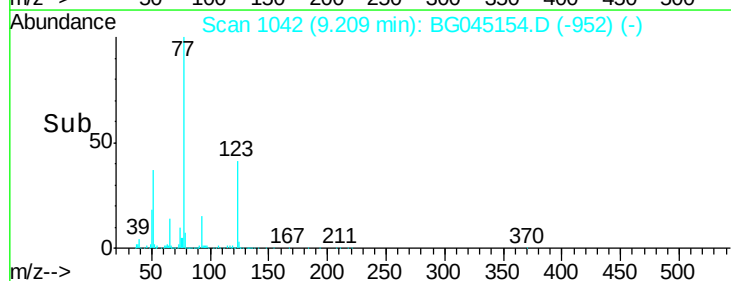
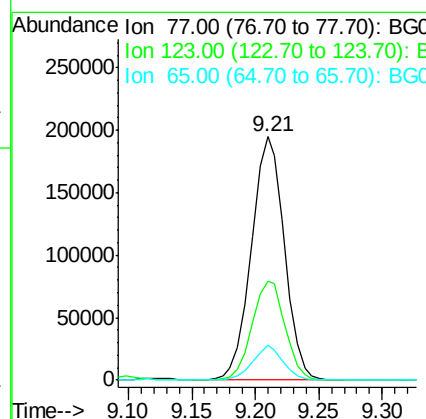
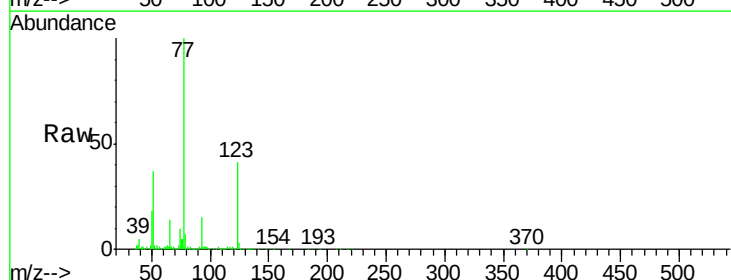
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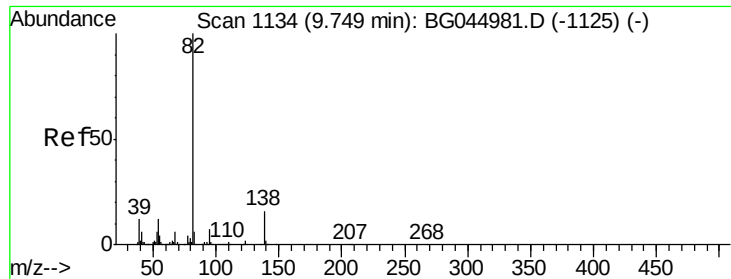
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#24
 Nitrobenzene
 Concen: 53.37 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	350669		
123	40.8	34.3	51.5	
65	14.4	8.9	13.3	





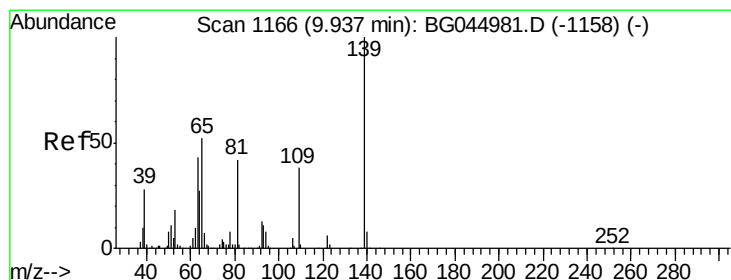
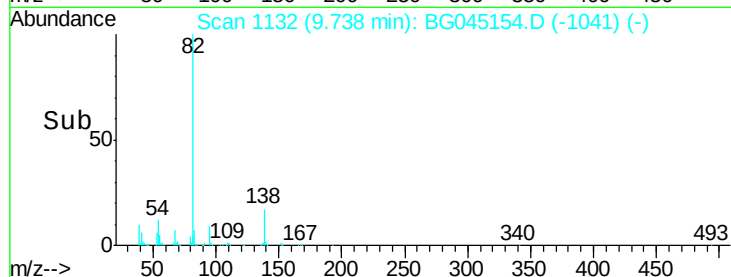
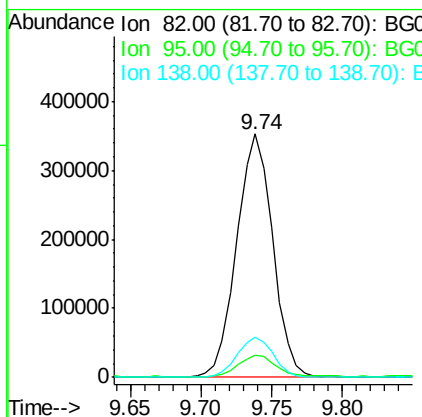
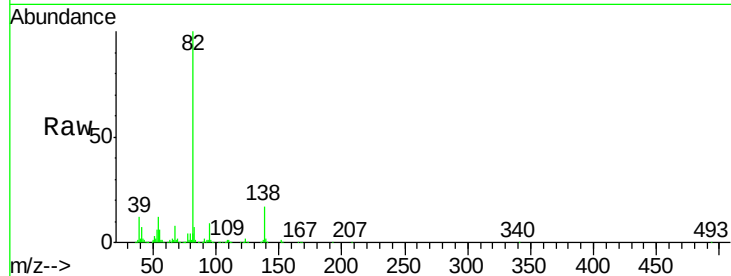
#25
Isophorone
Concen: 47.76 ng
RT: 9.74 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Instrument :
BNA_G
ClientSampleId :
6MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	626926		
95	9.1	6.0	9.0#	
138	16.7	12.7	19.1	

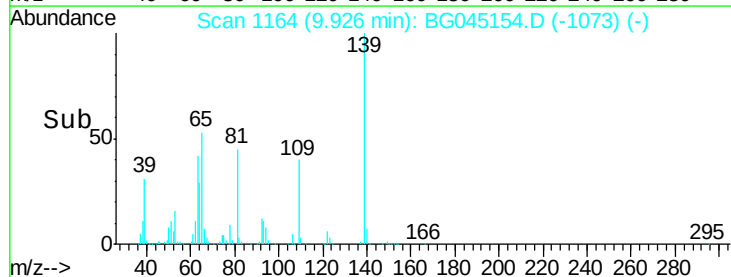
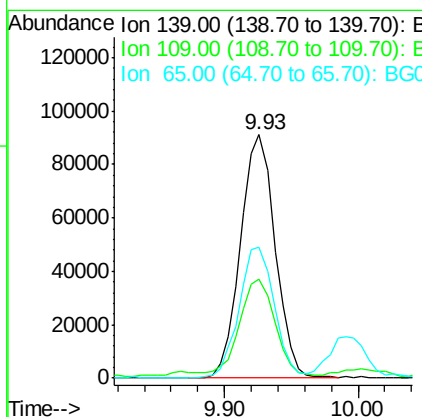
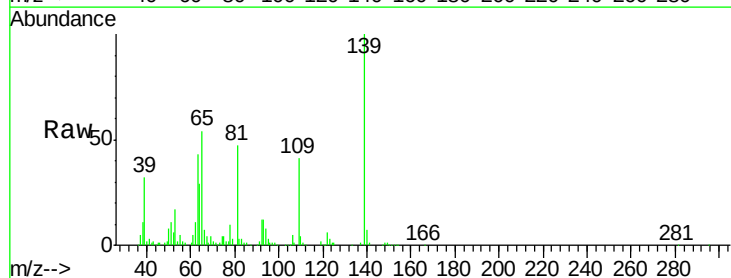
Manual Integrations
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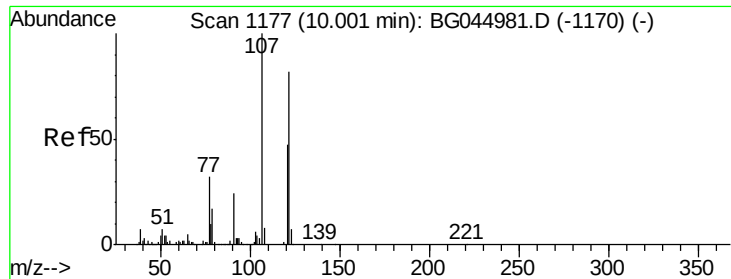
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#26
2-Nitrophenol
Concen: 57.79 ng
RT: 9.93 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	163559		
109	40.9	30.6	45.8	
65	53.9	41.8	62.6	





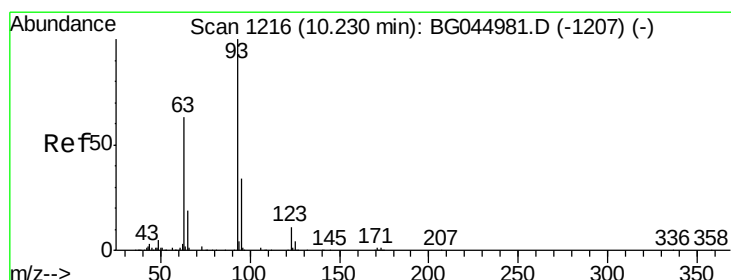
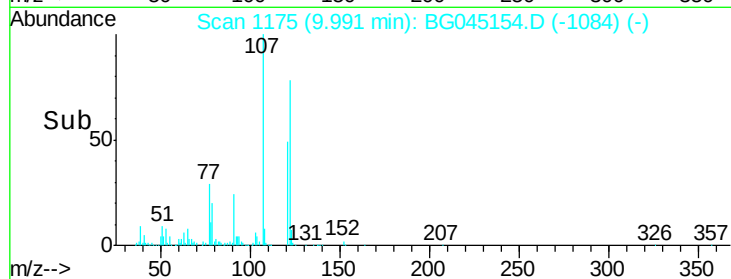
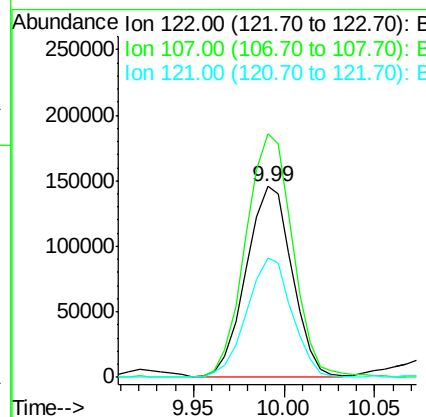
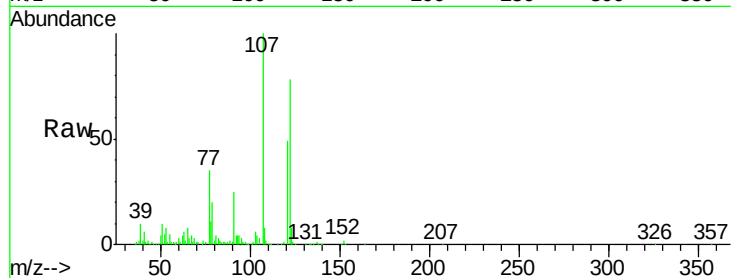
#27
2,4-Dimethylphenol
Concen: 57.47 ng
RT: 9.99 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Instrument :
BNA_G
ClientSampleId :
6MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	258080		
107	127.6	96.8	145.2	
121	62.5	45.6	68.4	

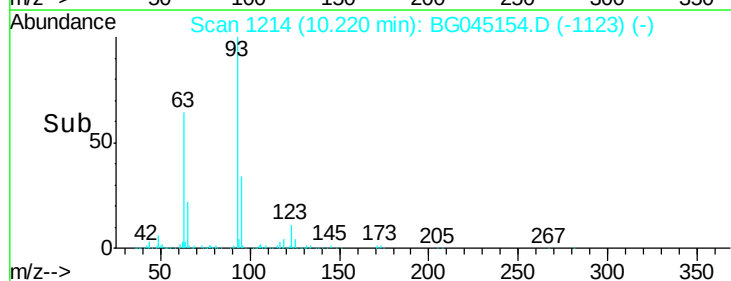
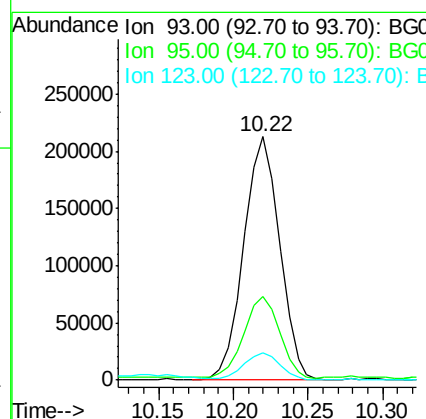
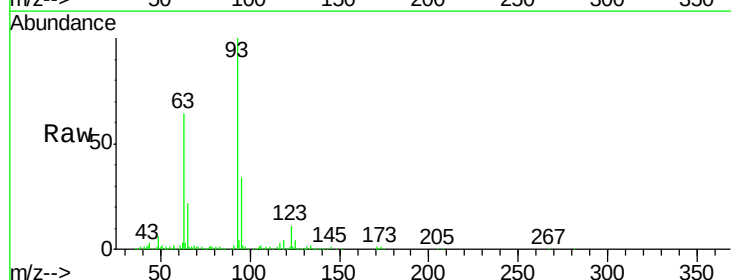
Manual Integrations
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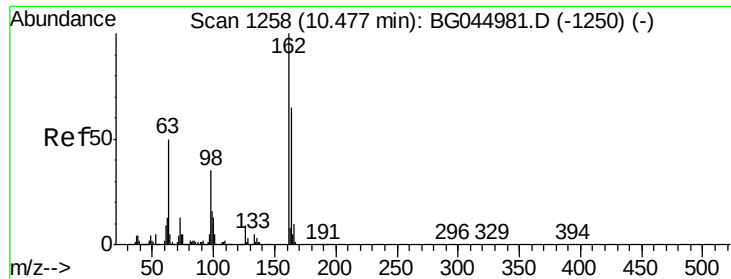
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 51.24 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	353403		
95	34.1	27.0	40.4	
123	11.2	8.7	13.1	





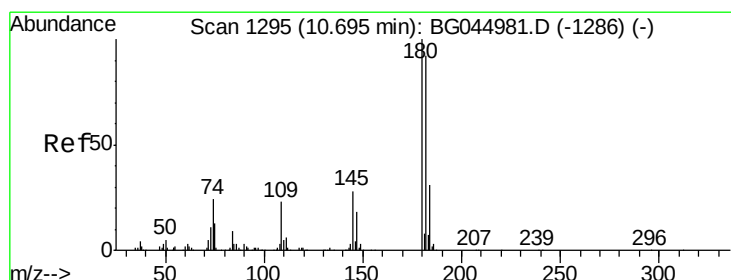
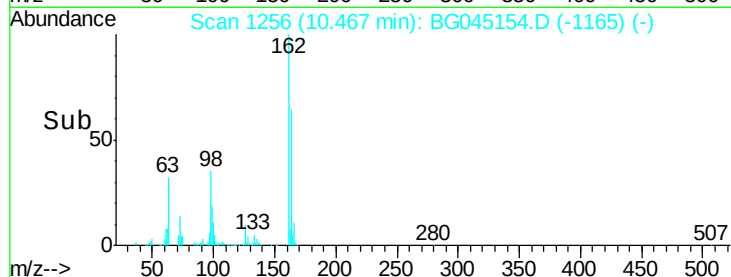
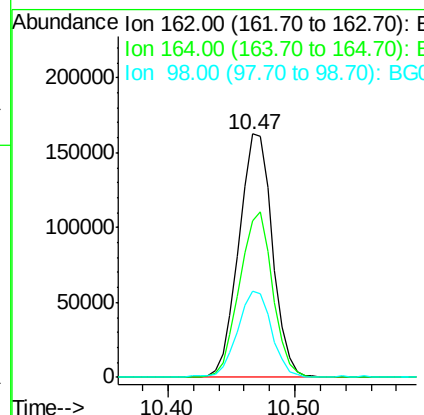
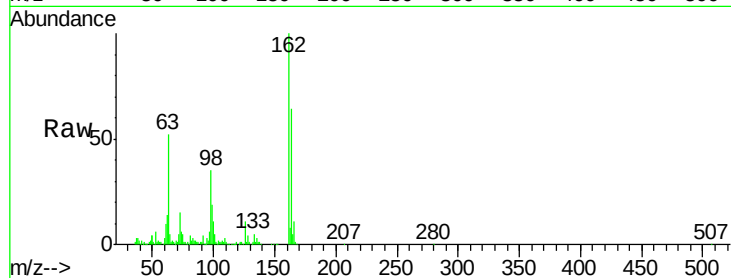
#29
 2,4-Dichlorophenol
 Concen: 57.67 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Instrument :
 BNA_G
 ClientSampled :
 6MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	299066		
164	64.4	45.0	85.0	
98	35.2	15.2	55.2	

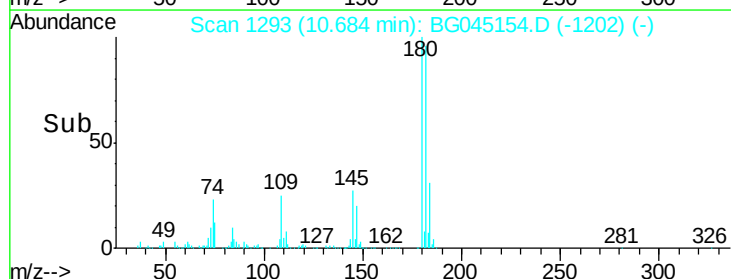
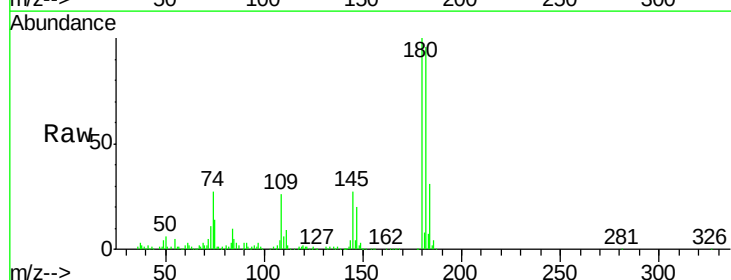
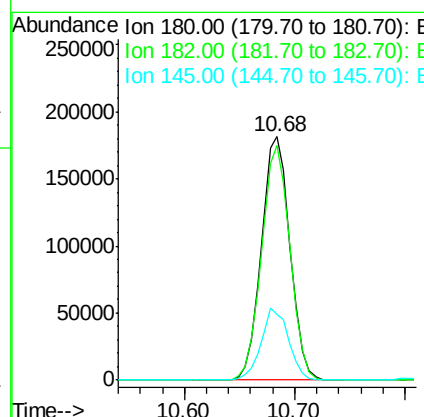
Manual Integrations
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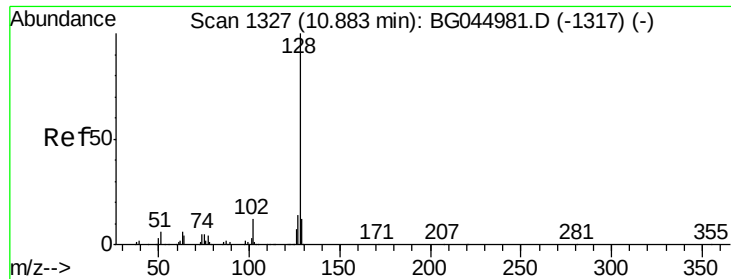
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 56.05 ng
 RT: 10.68 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	329084		
182	96.2	73.3	109.9	
145	26.7	22.6	33.8	





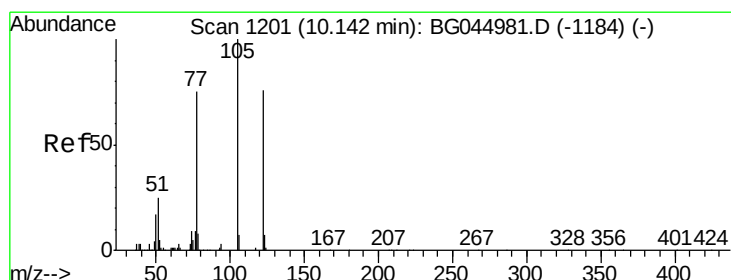
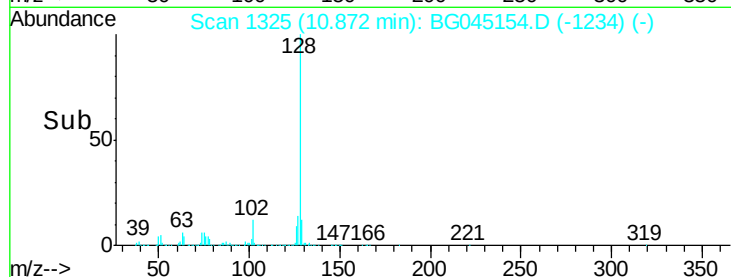
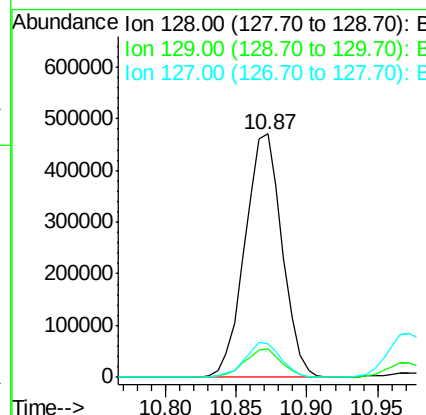
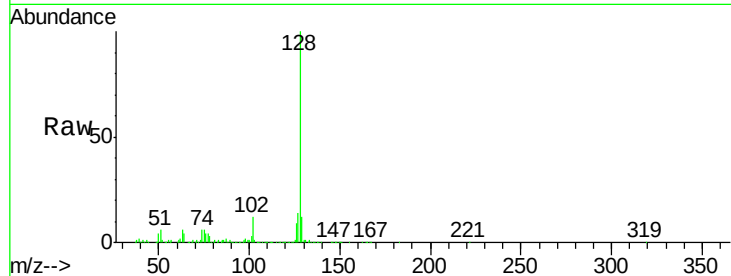
#31
Naphthalene
Concen: 53.89 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Instrument :
BNA_G
ClientSampleId :
6MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	862269		
129	11.7		9.4	14.2
127	13.8		10.8	16.2

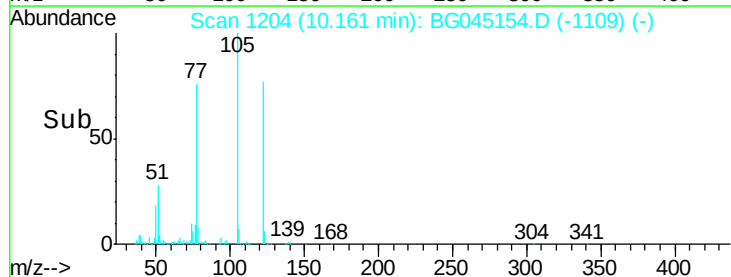
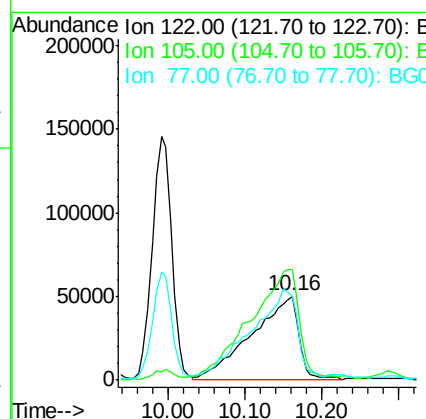
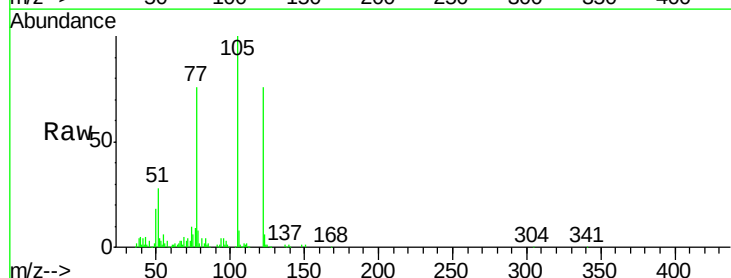
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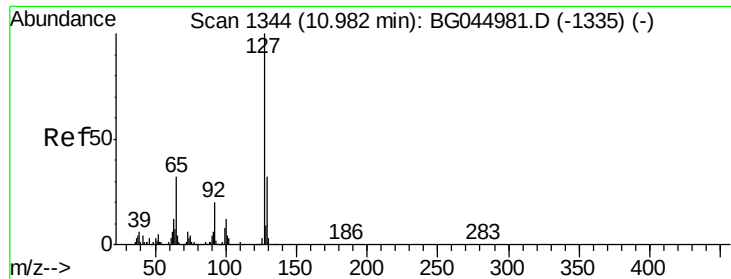
mohammad
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#32
Benzoic acid
Concen: 57.97 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.03 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	215859		
105	131.9		108.4	148.4
77	99.6		78.8	118.8





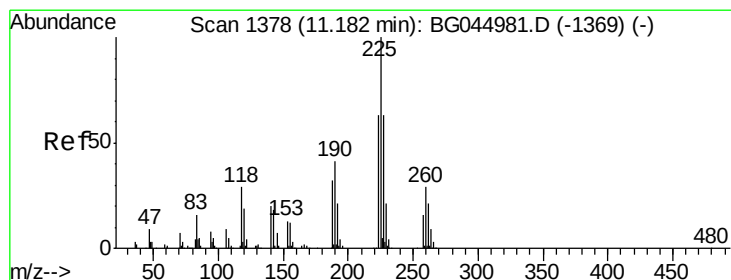
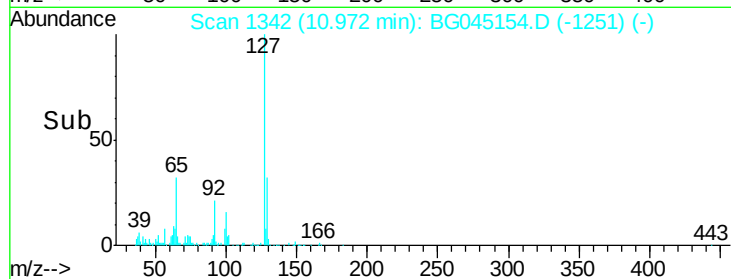
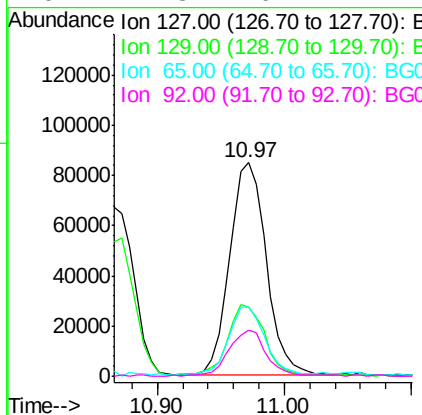
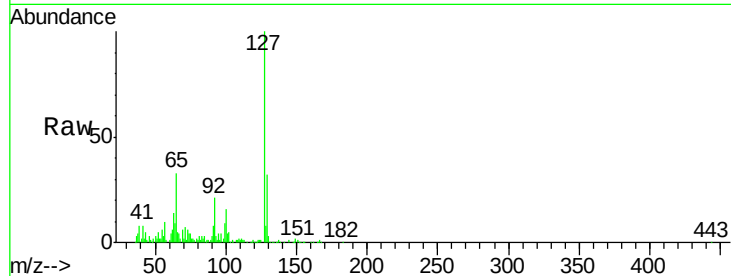
#33
 4-Chloroaniline
 Concen: 22.73 ng
 RT: 10.97 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Instrument :
 BNA_G
 ClientSampleId :
 6MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	169614		
129	32.4	25.7	38.5	
65	32.6	25.4	38.2	
92	21.3	16.1	24.1	

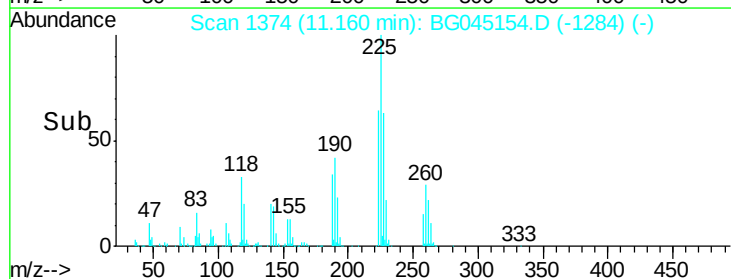
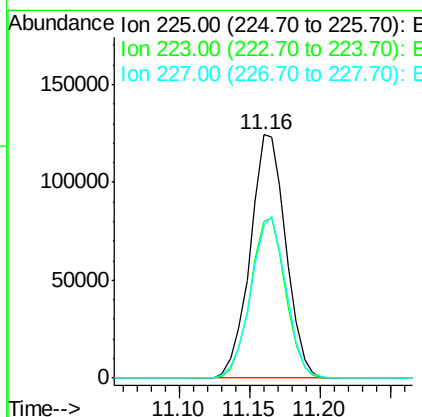
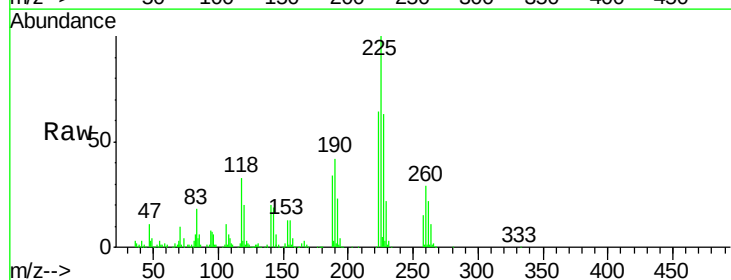
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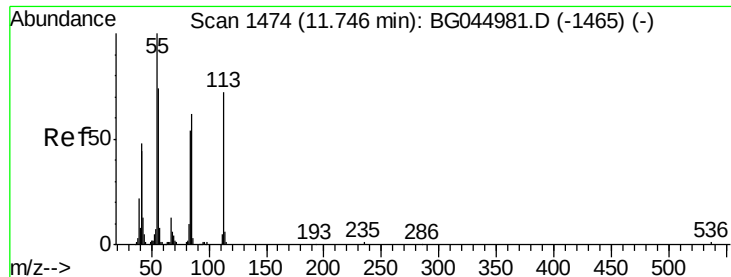
mohammad
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#34
 Hexachlorobutadiene
 Concen: 54.65 ng
 RT: 11.16 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	219976		
223	64.2	50.7	76.1	
227	62.7	50.2	75.2	





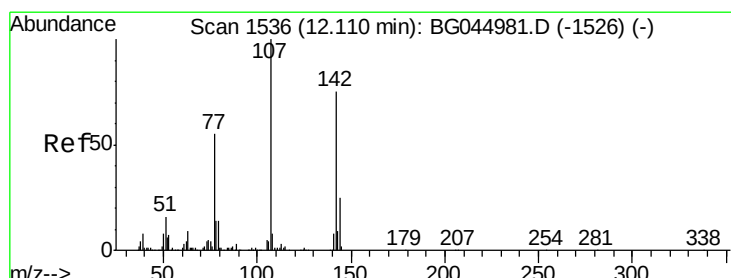
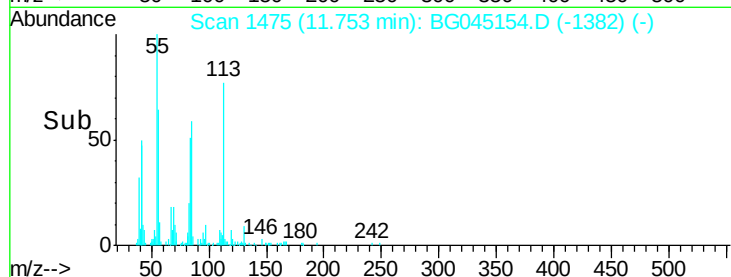
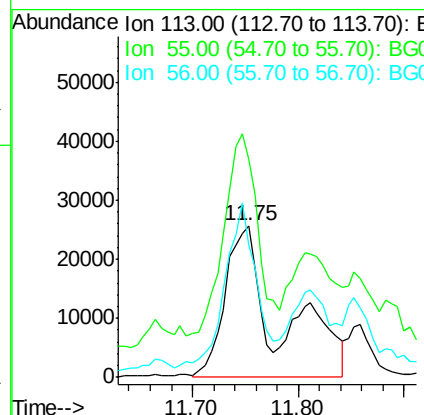
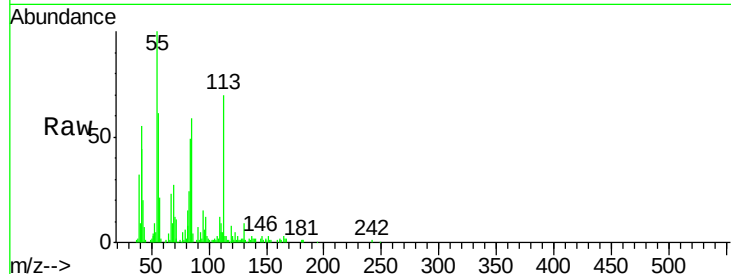
#35
 Caprolactam
 Concen: 43.79 ng m
 RT: 11.75 min Scan# 1475
 Delta R.T. 0.02 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Instrument :
 BNA_G
 ClientSampled :
 6MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	143.6	118.8	158.8
56	87.6	82.6	122.6

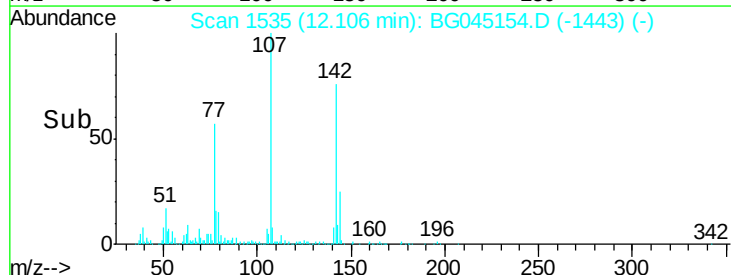
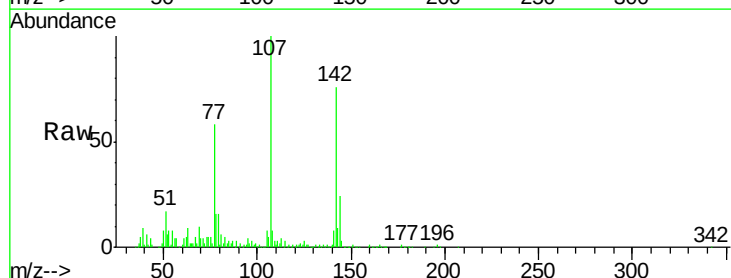
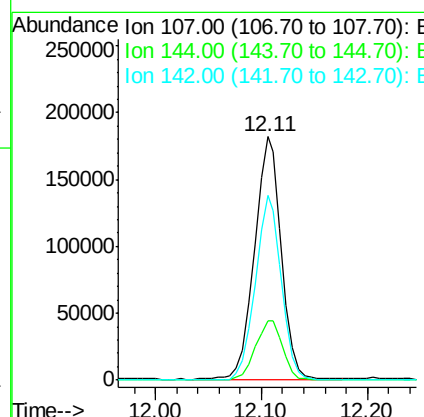
Manual Integrations
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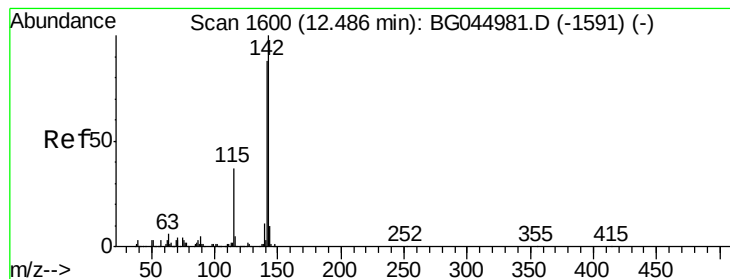
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 52.31 ng
 RT: 12.11 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	19.8	29.6
142	76.1	59.7	89.5





#37

2-Methylnaphthalene

Concen: 51.29 ng

RT: 12.48 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BG045154.D

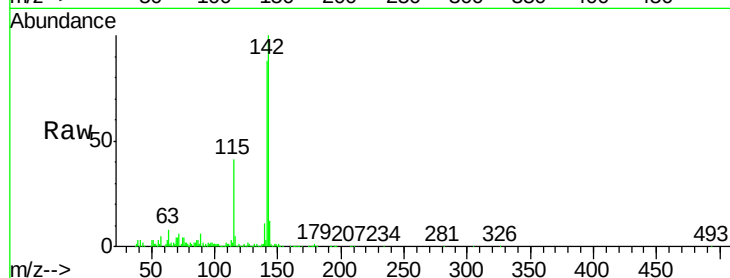
Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

ClientSampleId :

6MS



Tgt Ion:142 Resp: 636920

Ion Ratio Lower Upper

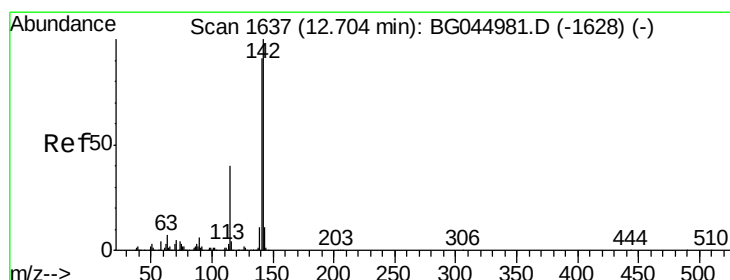
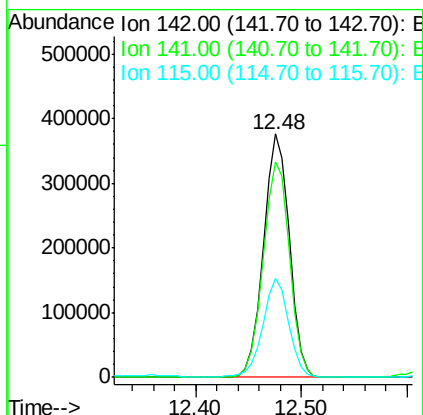
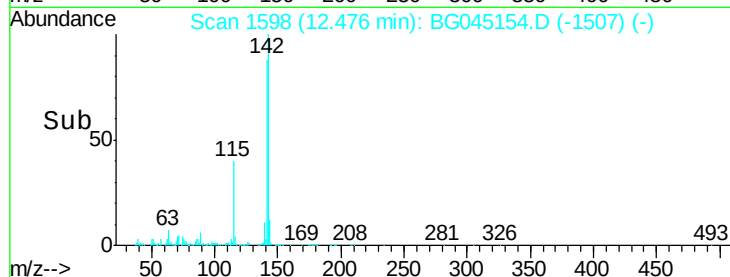
142 100

141 88.4 70.3 105.5

115 40.5 29.8 44.6

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#38

1-Methylnaphthalene

Concen: 53.93 ng

RT: 12.69 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

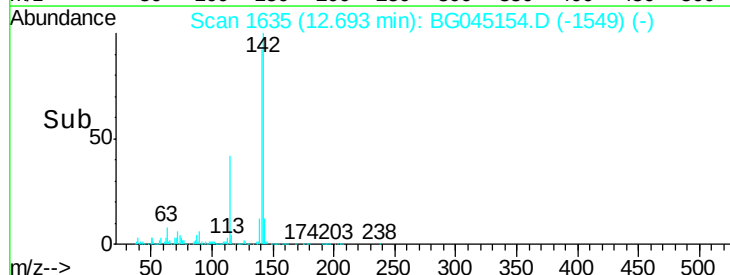
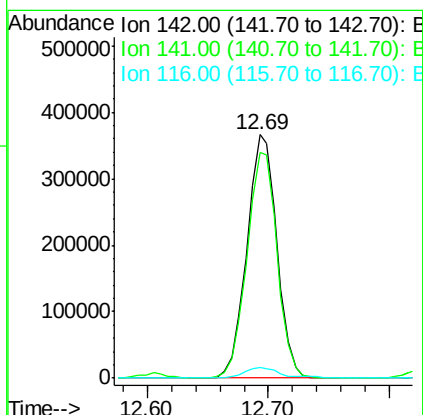
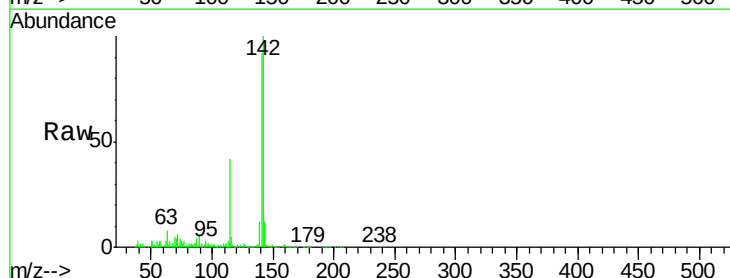
Tgt Ion:142 Resp: 632343

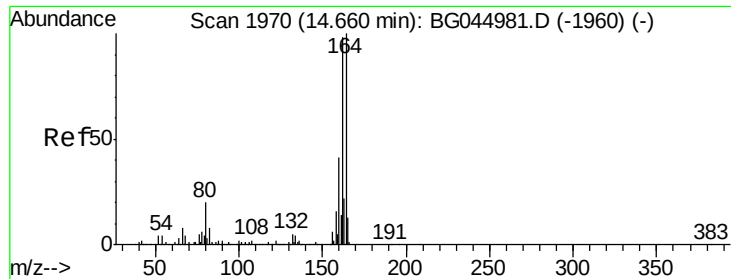
Ion Ratio Lower Upper

142 100

141 92.5 72.7 109.1

116 4.6 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

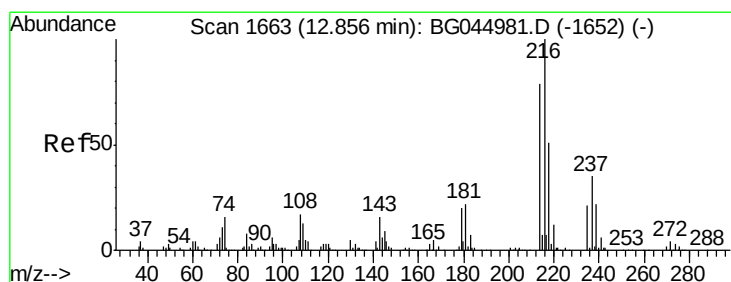
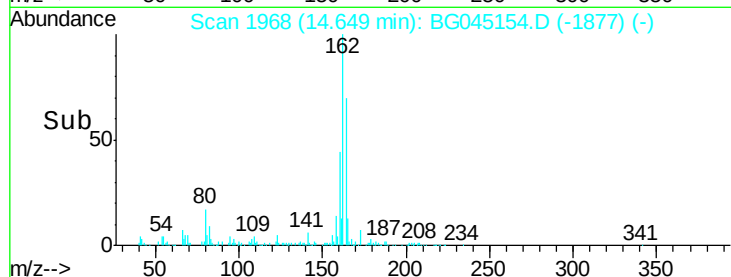
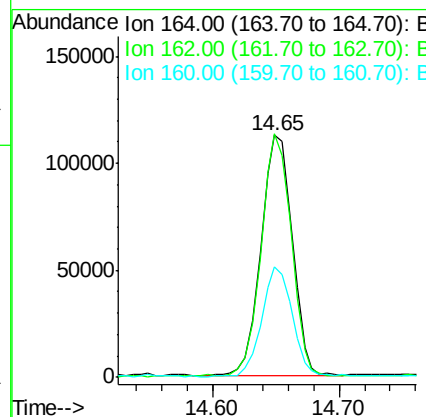
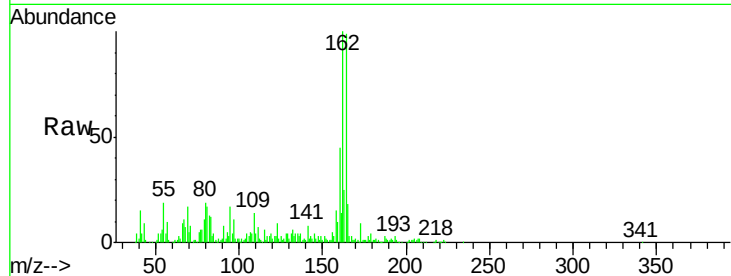
ClientSampleId :

6MS

Tgt Ion:	164	Resp:	195226
Ion Ratio	Lower	Upper	
164	100		
162	100.7	78.7	118.1
160	45.7	32.8	49.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.97 ng

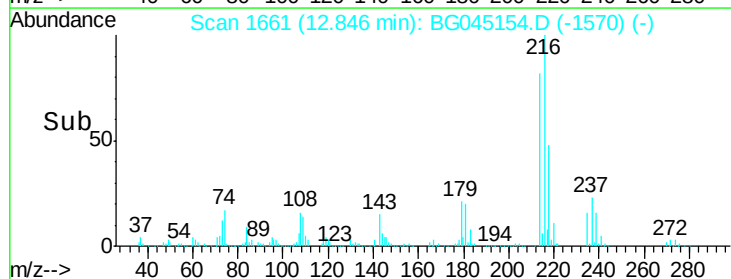
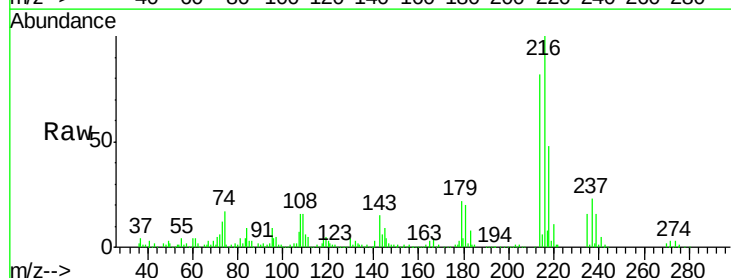
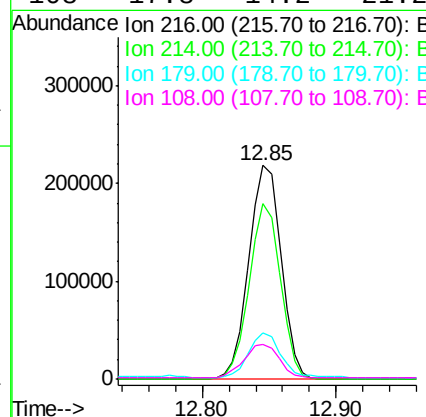
RT: 12.85 min Scan# 1661

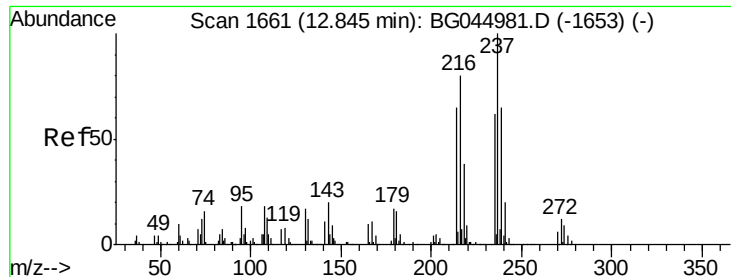
Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt Ion:	216	Resp:	364377
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.0	94.6
179	22.0	15.8	23.8
108	17.8	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 60.51 ng

RT: 12.83 min Scan# 1659

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

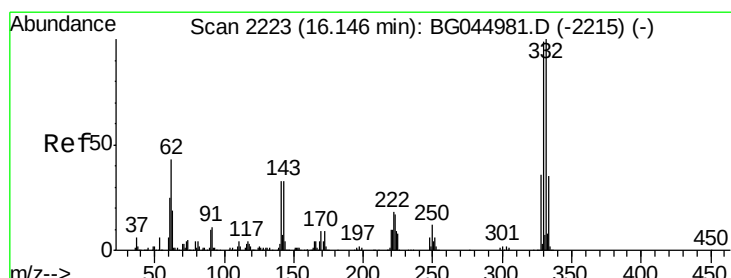
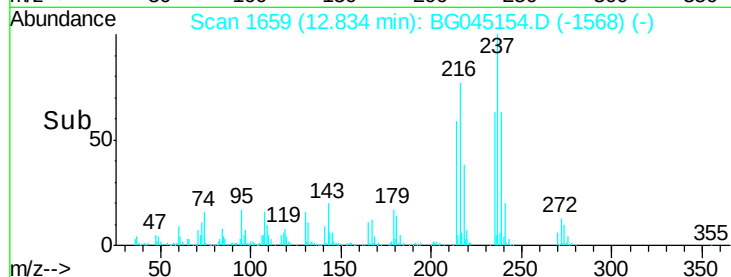
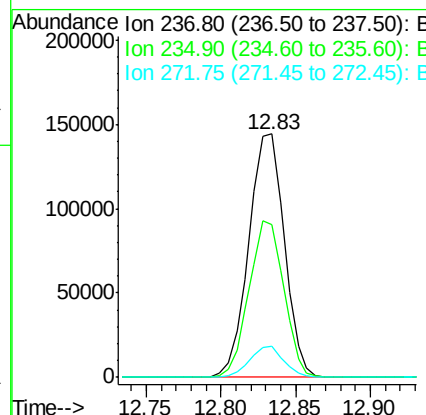
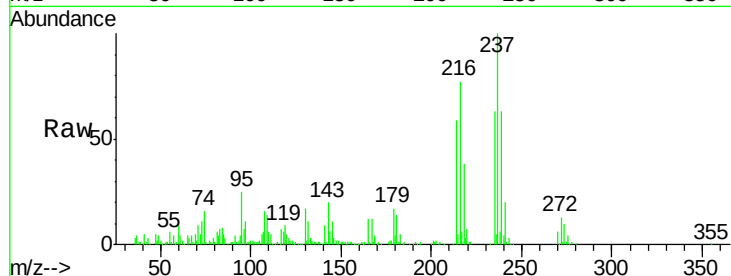
ClientSampleId :

6MS

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	237712		
235	62.8	41.6	81.6	
272	12.7	0.0	32.1	

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#42

2,4,6-Tribromophenol

Concen: 50.36 ng

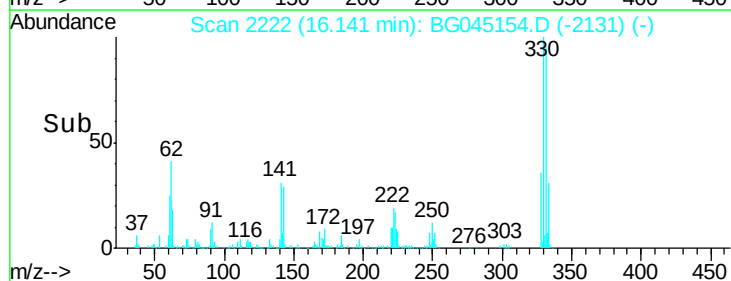
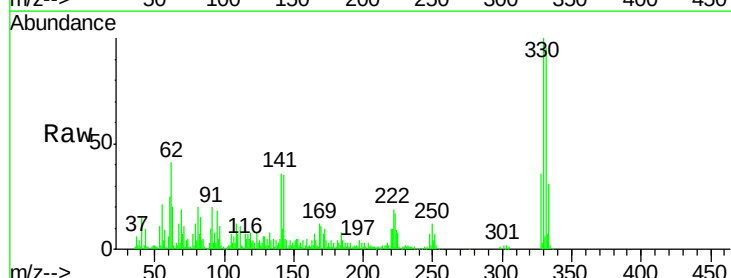
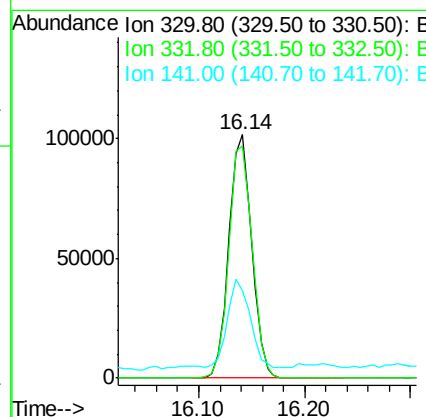
RT: 16.14 min Scan# 2222

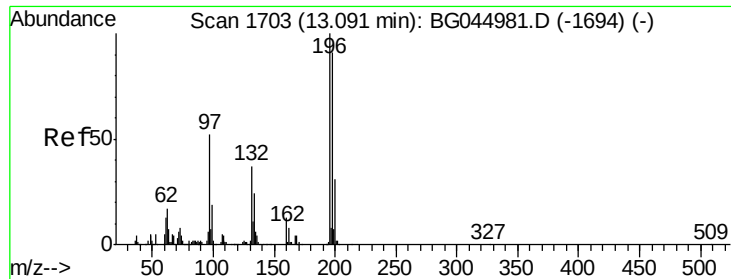
Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	151896		
332	98.1	79.1	118.7	
141	35.7	27.1	40.7	





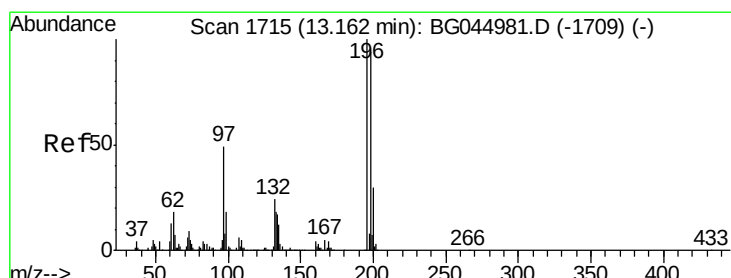
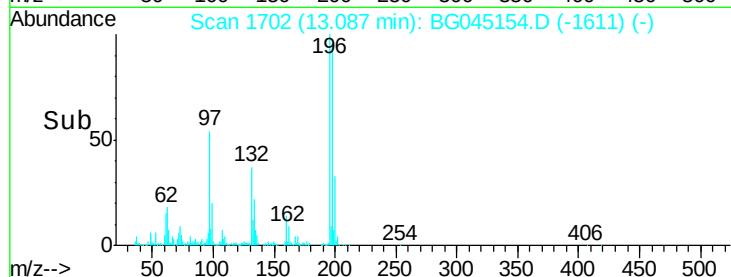
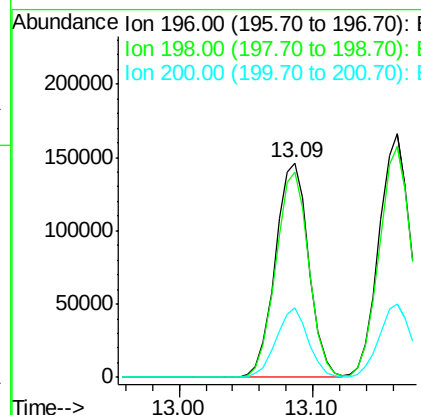
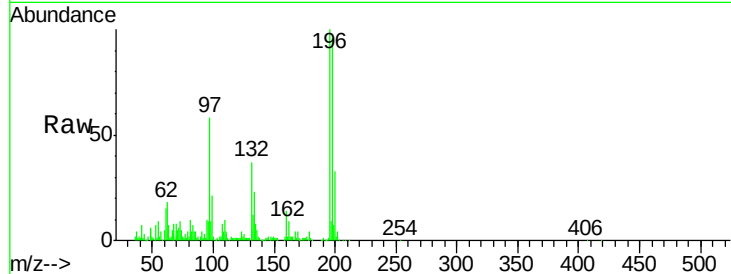
#43
 2,4,6-Trichlorophenol
 Concen: 57.56 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Instrument :
 BNA_G
 ClientSampleId :
 6MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	255350		
198	95.9	72.5	108.7	
200	32.6	24.5	36.7	

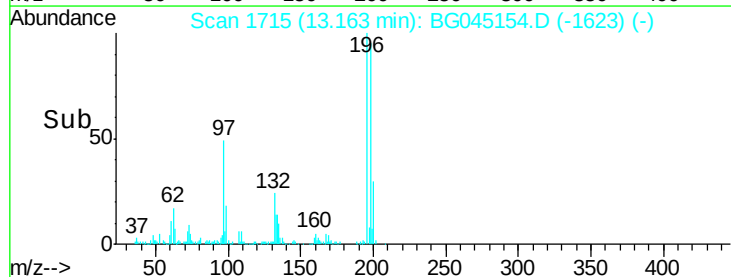
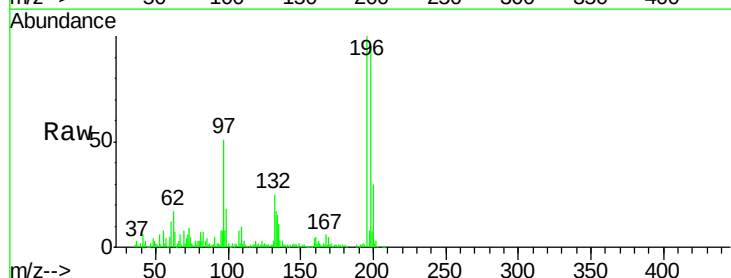
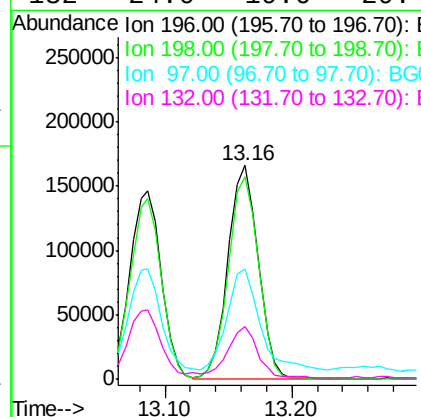
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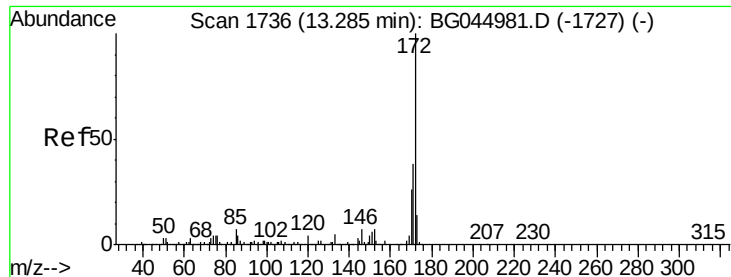
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 54.12 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	273264		
198	94.9	75.7	113.5	
97	51.5	39.6	59.4	
132	24.6	19.6	29.4	





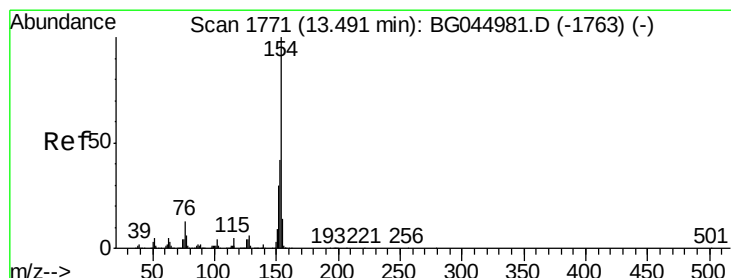
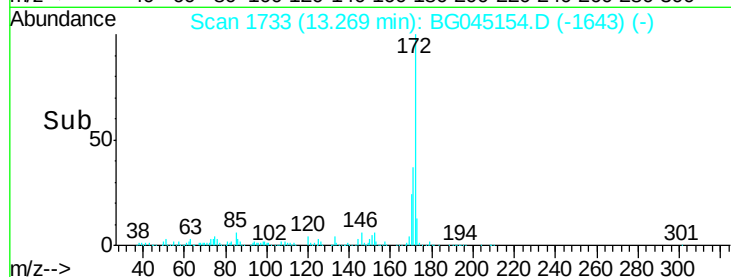
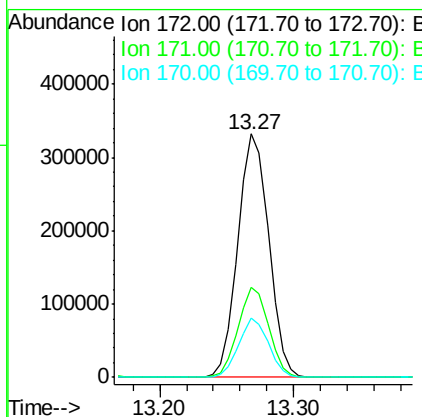
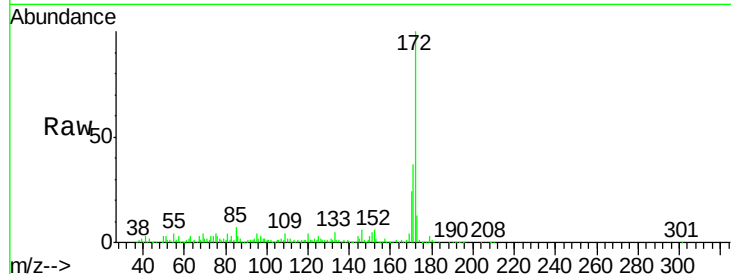
#45
2-Fluorobiphenyl
Concen: 39.95 ng
RT: 13.27 min Scan# 1733
Delta R.T. 0.00 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Instrument :
BNA_G
ClientSampleId :
6MS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	46.0
170	24.3	20.5	30.7

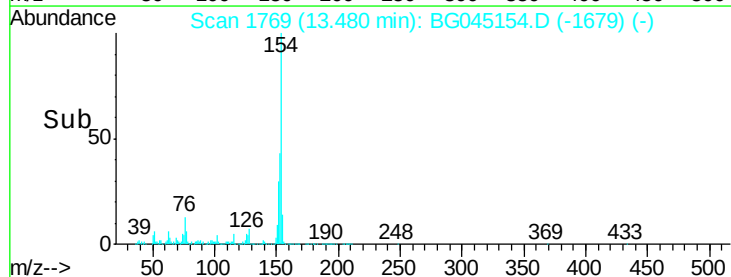
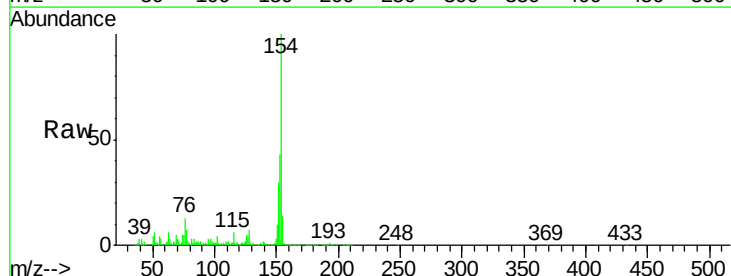
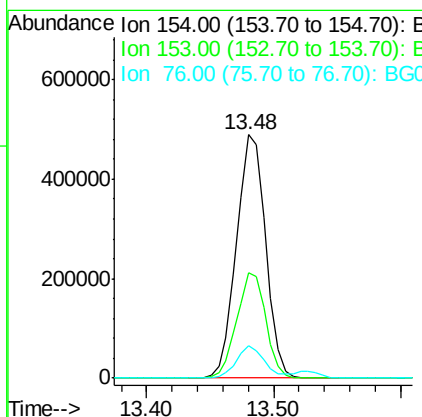
Manual Integrations
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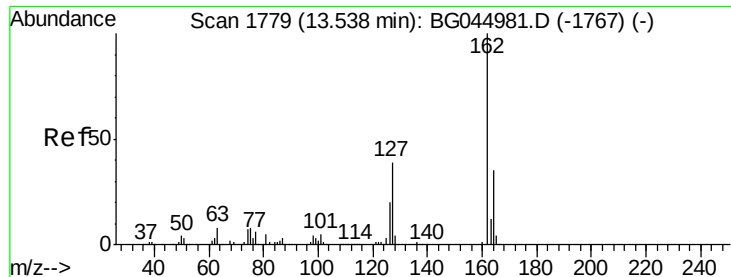
mohammad
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#46
1,1'-Biphenyl
Concen: 52.20 ng
RT: 13.48 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	21.9	61.9
76	13.2	0.0	33.1





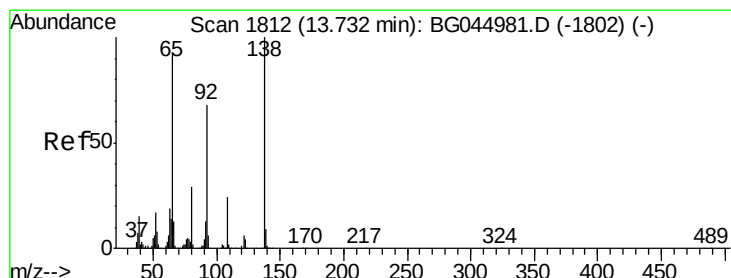
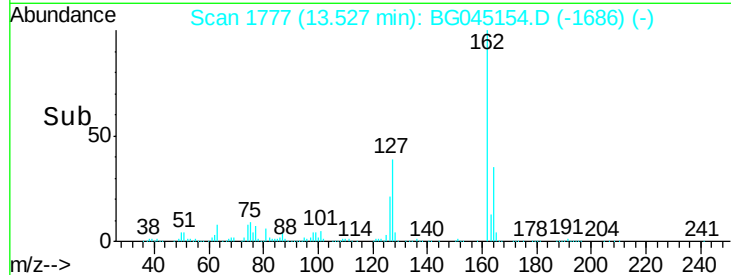
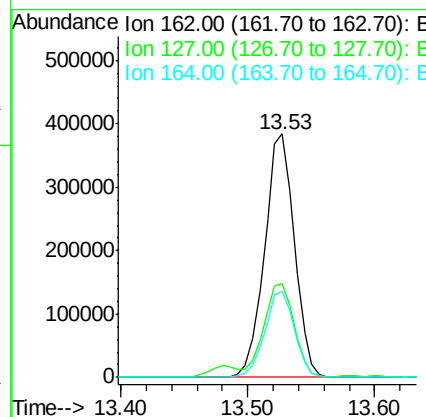
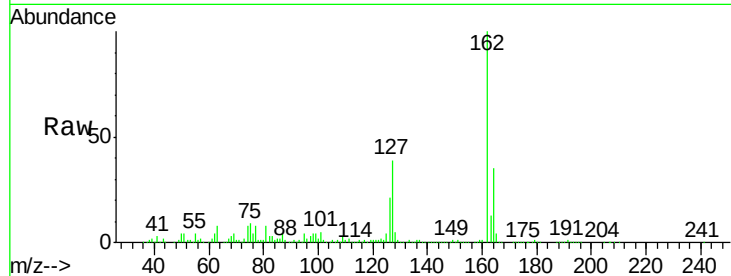
#47
 2-Chloronaphthalene
 Concen: 55.43 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Instrument :
 BNA_G
 ClientSampled :
 6MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	628478		
127	38.7	31.3	46.9	
164	35.4	27.8	41.8	

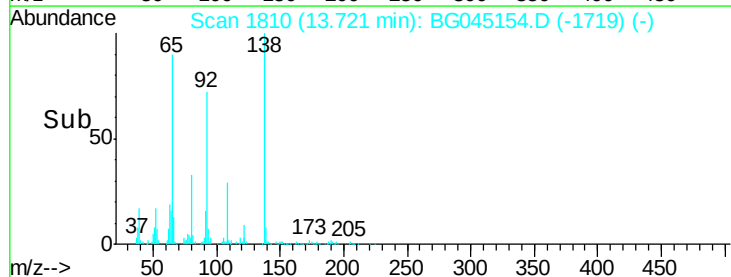
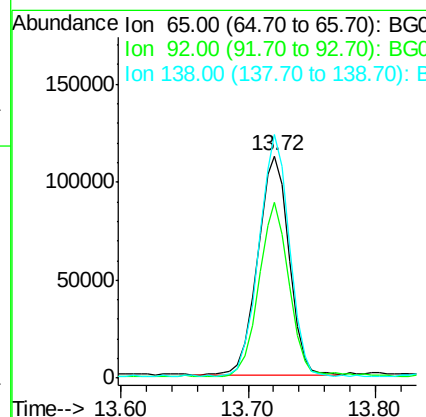
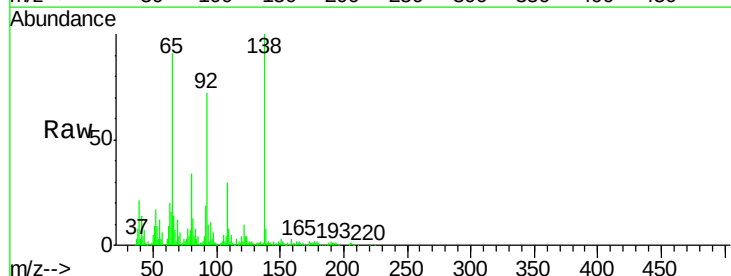
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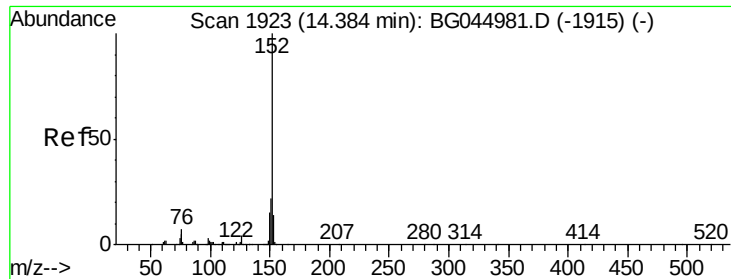
mohammad
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#48
 2-Nitroaniline
 Concen: 51.56 ng
 RT: 13.72 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	192356		
92	78.9	58.3	87.5	
138	109.5	85.6	128.4	





#49

Acenaphthylene

Concen: 51.65 ng

RT: 14.37 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

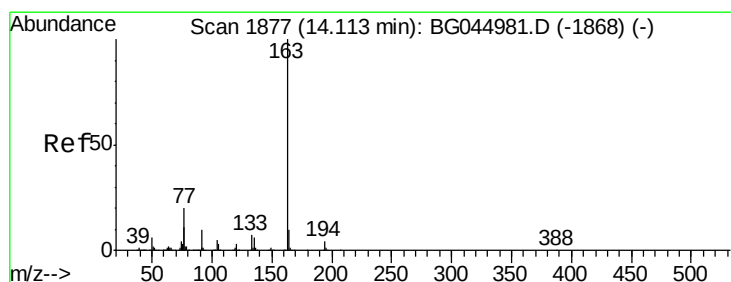
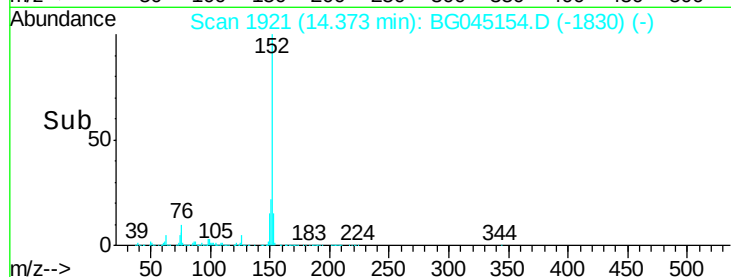
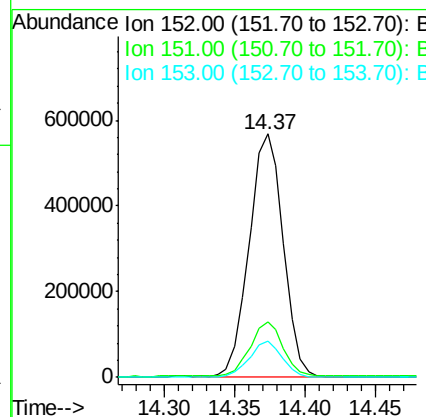
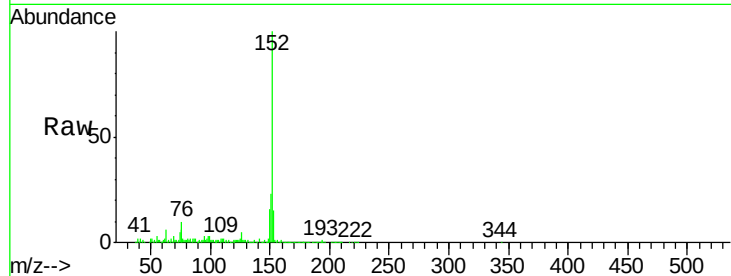
ClientSampleId :

6MS

Tgt Ion:	152	Resp:	953889
Ion Ratio		Lower	Upper
152	100		
151	22.5	17.2	25.8
153	15.0	11.0	16.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 53.65 ng

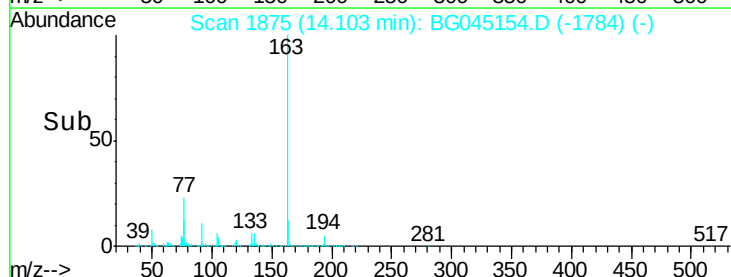
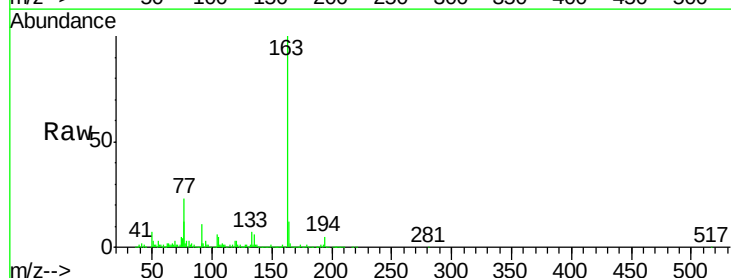
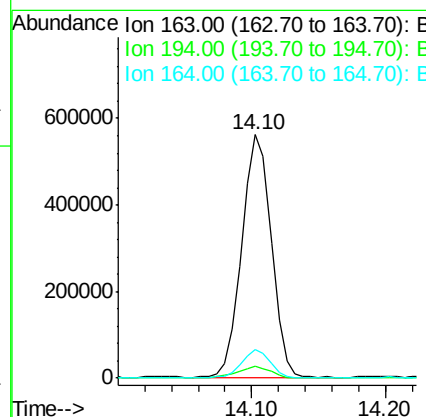
RT: 14.10 min Scan# 1875

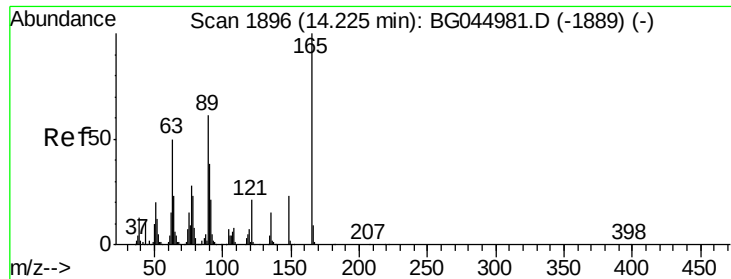
Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt Ion:	163	Resp:	852831
Ion Ratio		Lower	Upper
163	100		
194	4.8	3.5	5.3
164	11.9	8.2	12.4





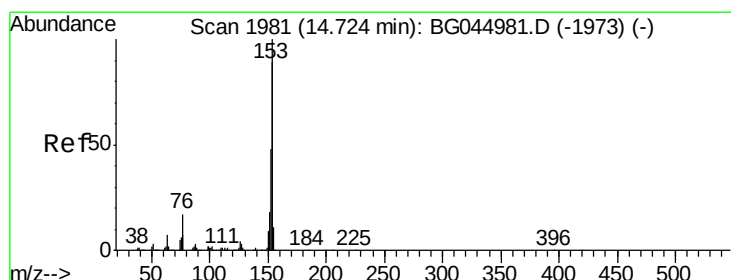
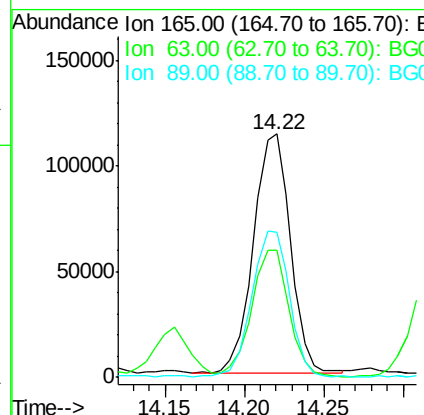
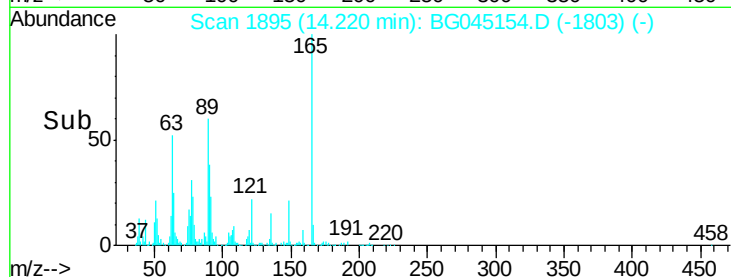
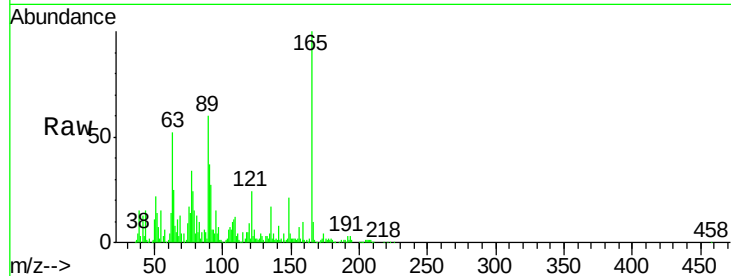
#51
 2,6-Dinitrotoluene
 Concen: 51.30 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Instrument :
 BNA_G
 ClientSampleId :
 6MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	52.2	40.4	60.6
89	59.6	49.1	73.7

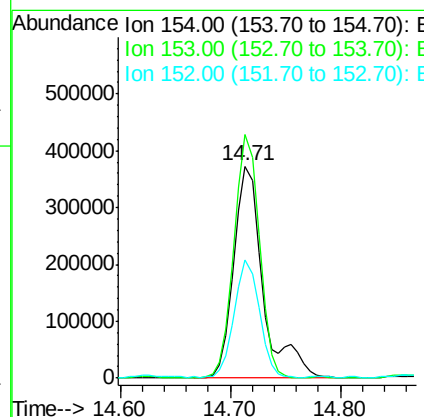
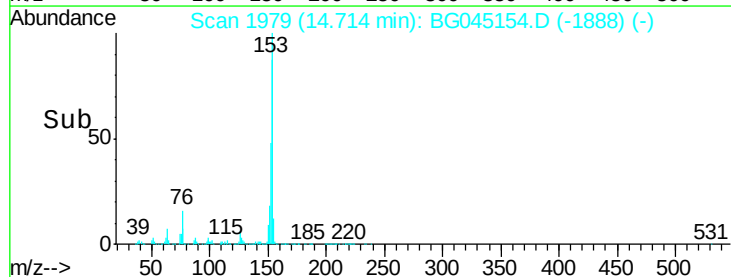
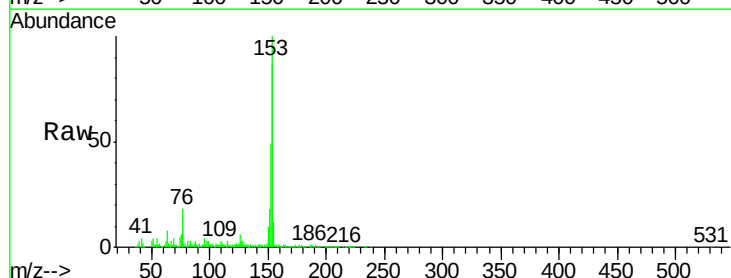
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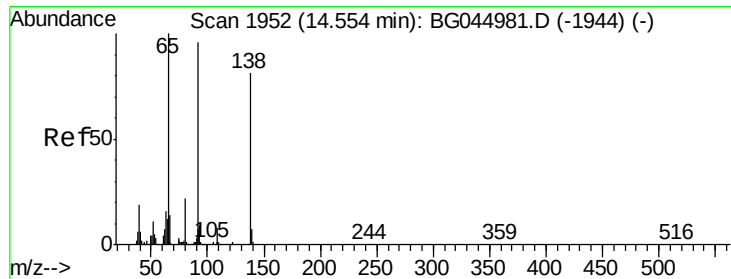
mohammad
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#52
 Acenaphthene
 Concen: 54.40 ng m
 RT: 14.71 min Scan# 1979
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	114.7	89.7	134.5
152	55.8	43.1	64.7





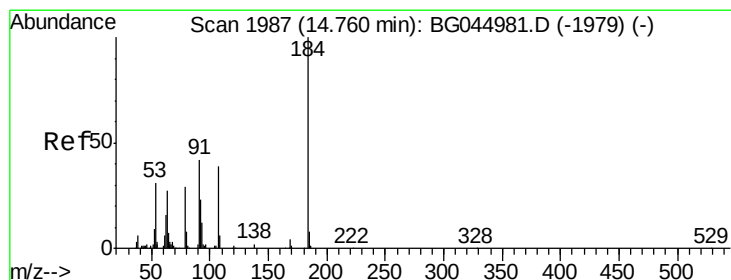
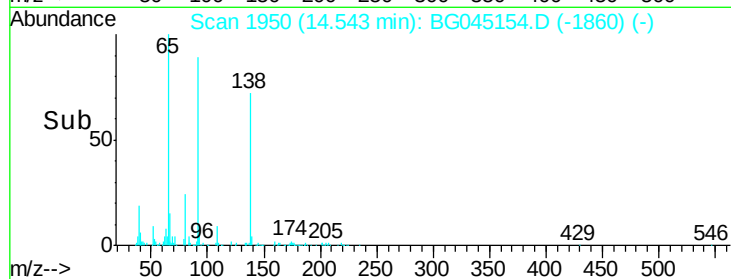
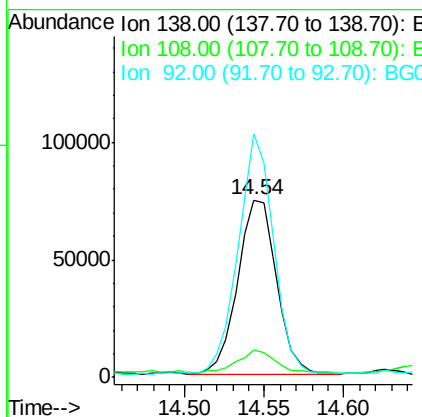
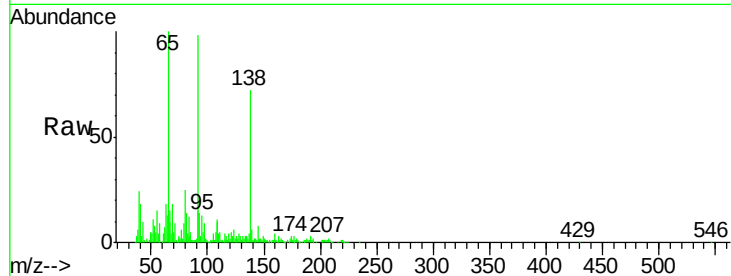
#53
 3-Nitroaniline
 Concen: 32.15 ng
 RT: 14.54 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Instrument :
 BNA_G
 ClientSampleId :
 6MS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	15.4	7.8	11.8#
92	137.3	94.5	141.7

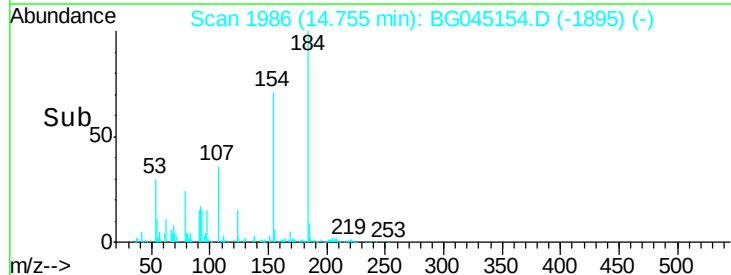
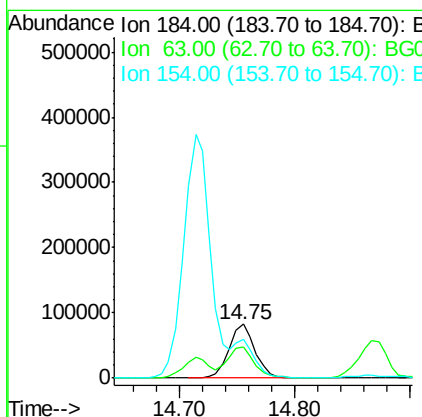
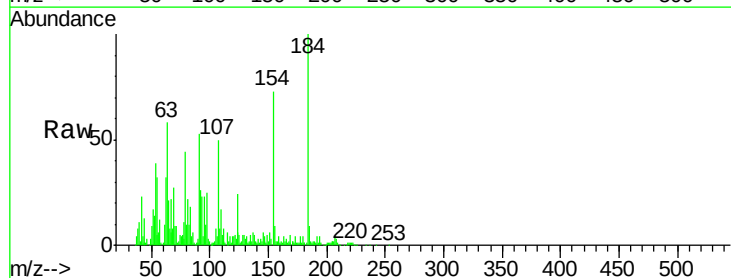
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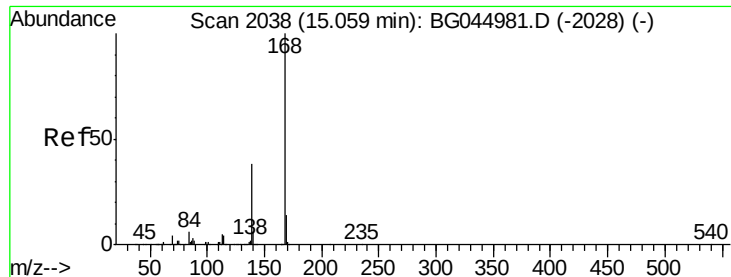
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 61.49 ng
 RT: 14.75 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.3	41.5	62.3
154	72.8	52.3	78.5





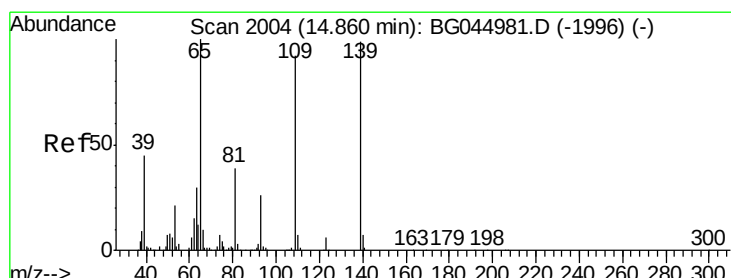
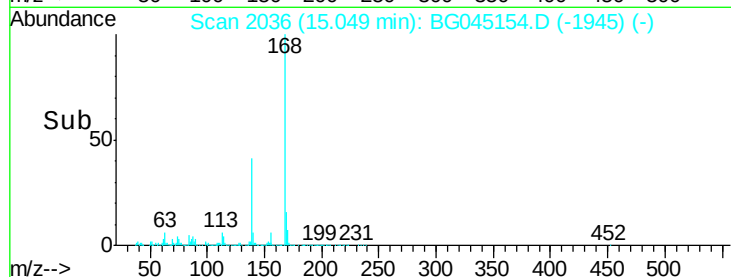
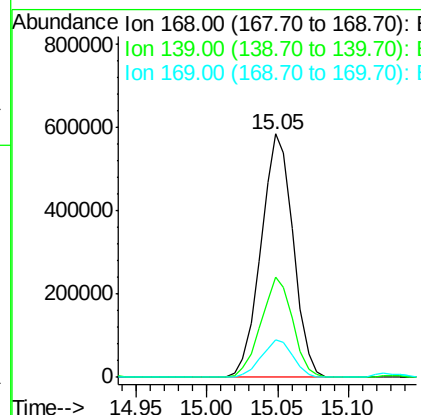
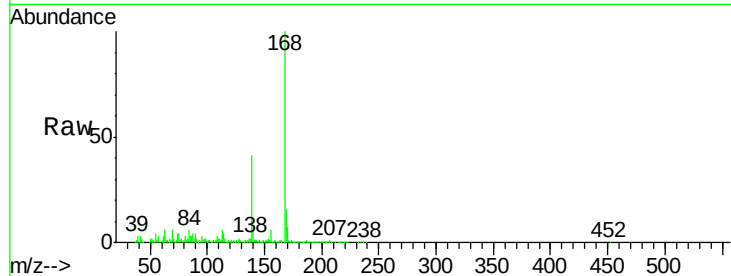
#55
Dibenzenofuran
Concen: 51.20 ng
RT: 15.05 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Instrument :
BNA_G
ClientSampleId :
6MS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.1	30.4	45.6
169	15.6	11.0	16.4

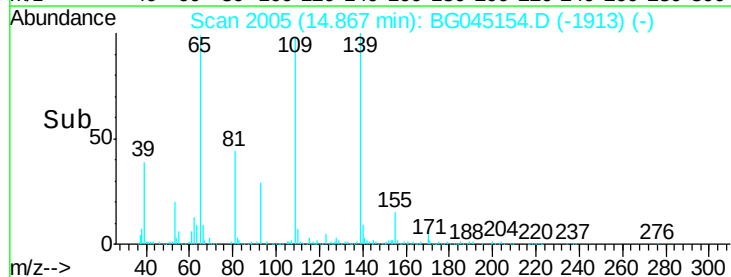
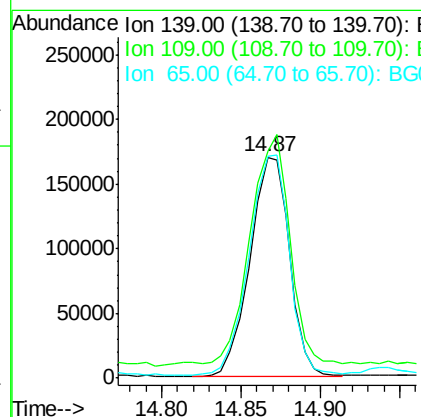
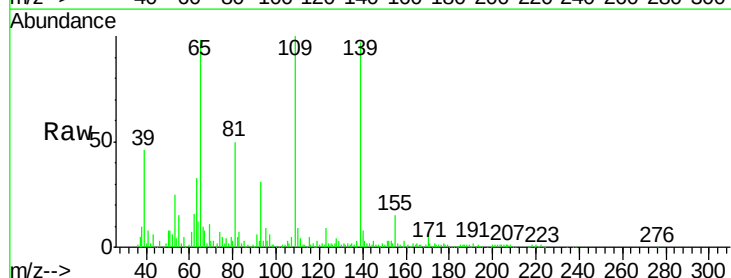
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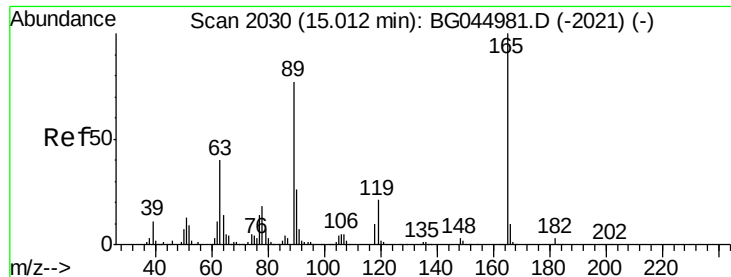
mohammad
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#56
4-Nitrophenol
Concen: 97.42 ng
RT: 14.87 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.9	73.6	113.6
65	100.8	81.2	121.2





#57

2,4-Dinitrotoluene

Concen: 47.60 ng

RT: 15.01 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

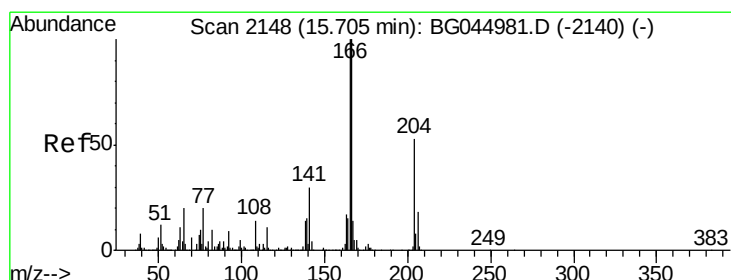
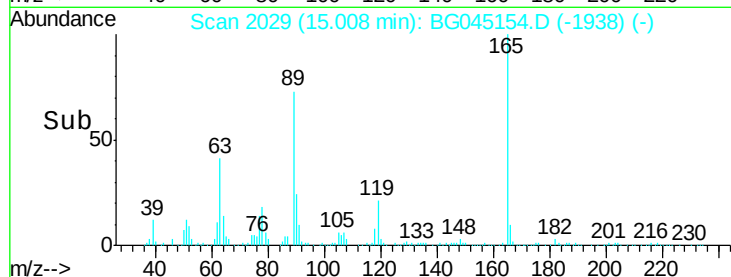
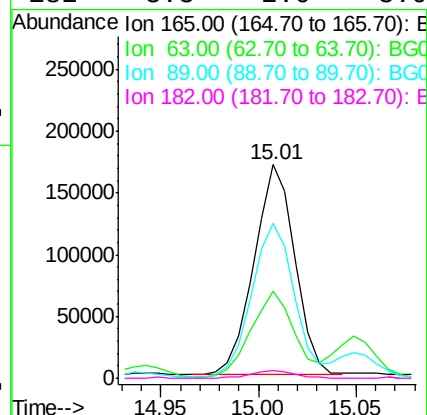
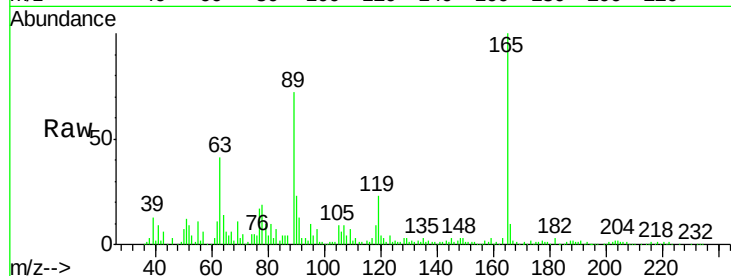
ClientSampled :

6MS

Tgt	Ion	Ratio	Resp	Lower	Upper
165	100		247324		
63	40.7	32.2	48.2		
89	72.3	61.7	92.5		
182	3.3	2.0	3.0#		

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#58

Fluorene

Concen: 51.29 ng

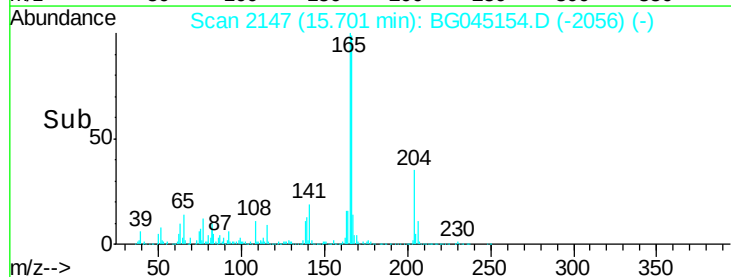
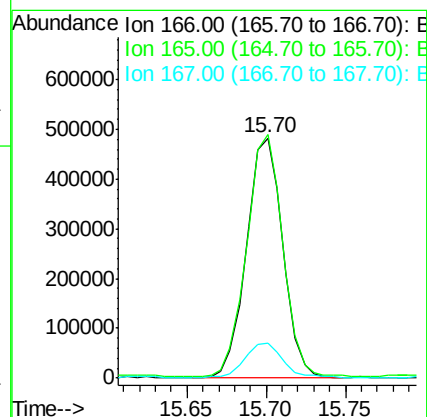
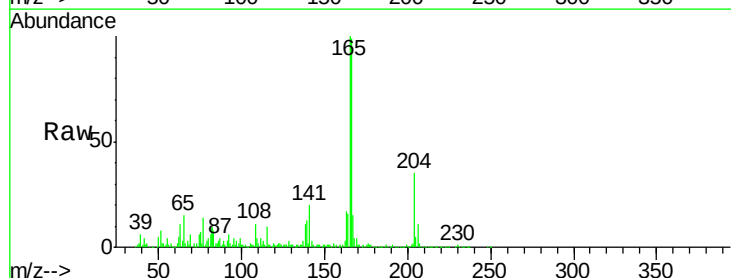
RT: 15.70 min Scan# 2147

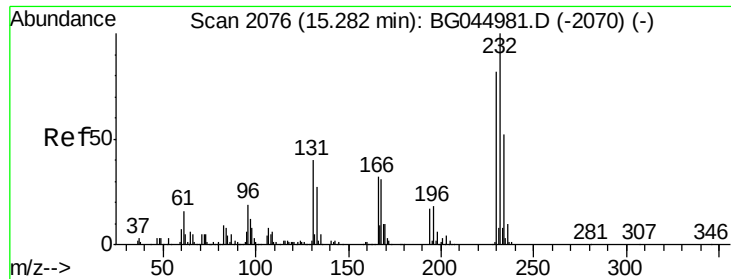
Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt	Ion	Ratio	Resp	Lower	Upper
166	100		763283		
165	101.4	79.9	119.9		
167	14.8	11.4	17.0		





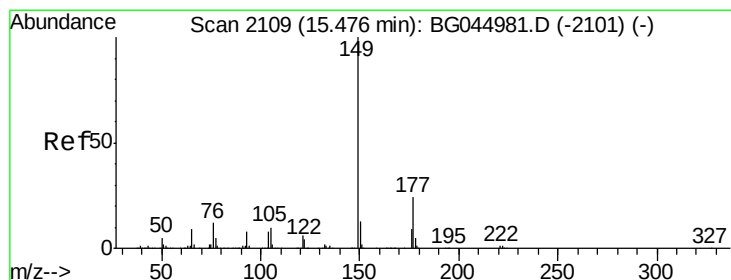
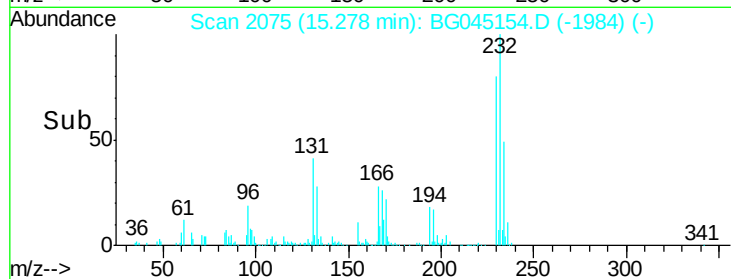
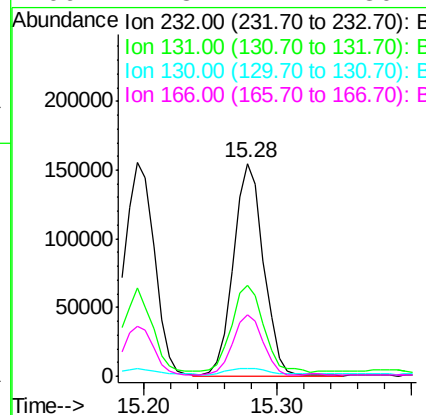
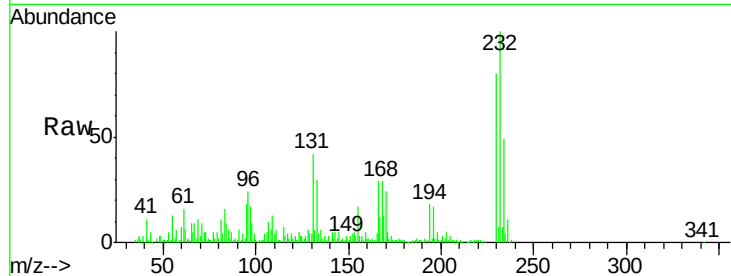
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.12 ng
RT: 15.28 min Scan# 2075
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Instrument :
BNA_G
ClientSampled :
6MS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	243186		
131	43.6	32.2	48.2	
130	4.0	2.2	3.2	
166	27.8	24.2	36.4	

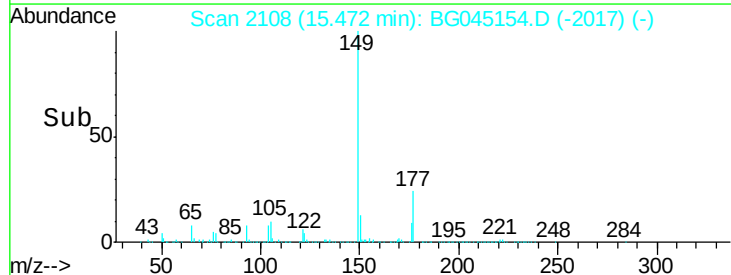
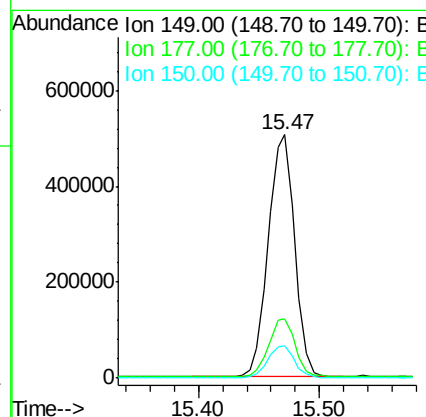
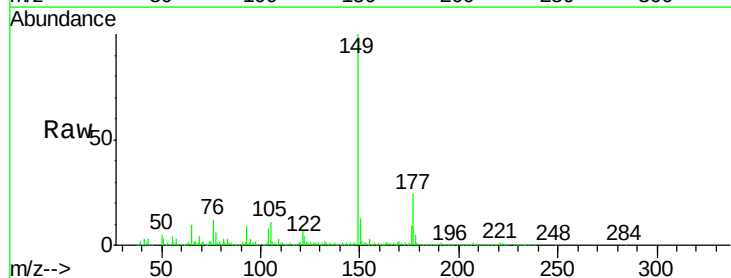
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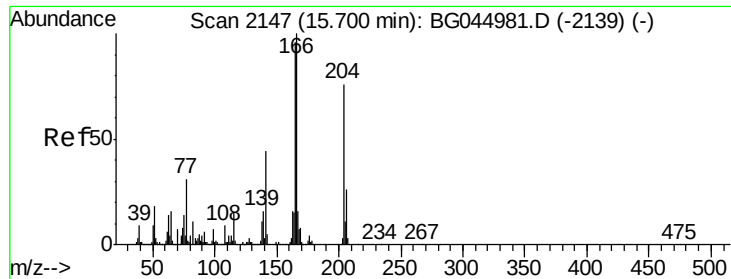
mohammad
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#60
Diethylphthalate
Concen: 46.26 ng
RT: 15.47 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	766697		
177	24.5	18.9	28.3	
150	13.5	10.6	15.8	





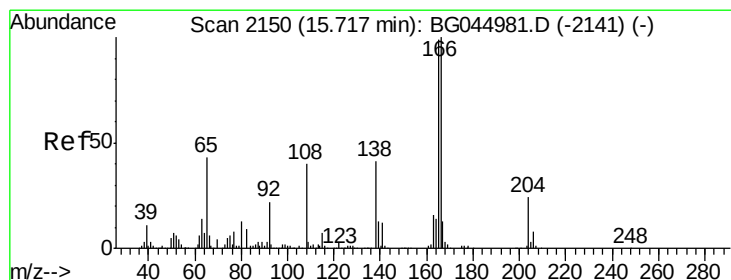
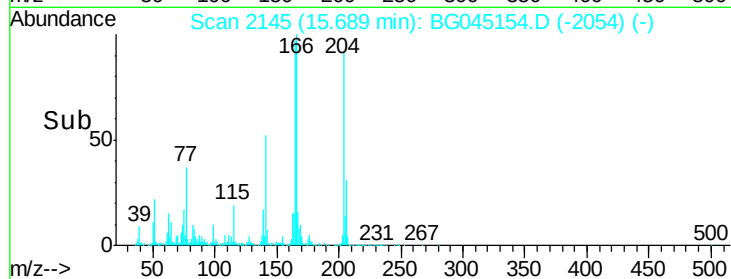
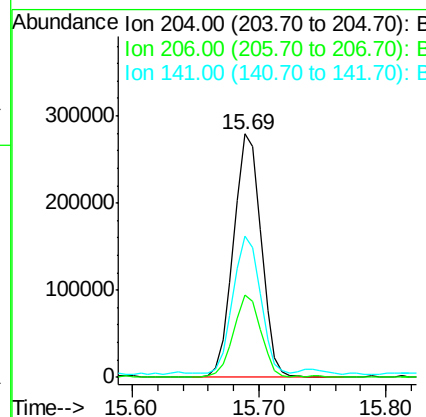
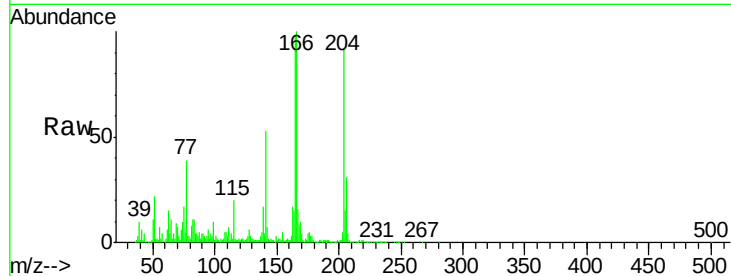
#61
 4-Chlorophenyl-phenylether
 Concen: 48.94 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Instrument :
 BNA_G
 ClientSampleId :
 6MS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	419198		
206	33.6	26.9	40.3	
141	58.0	46.3	69.5	

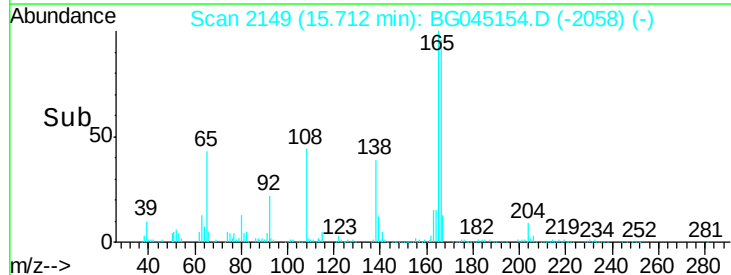
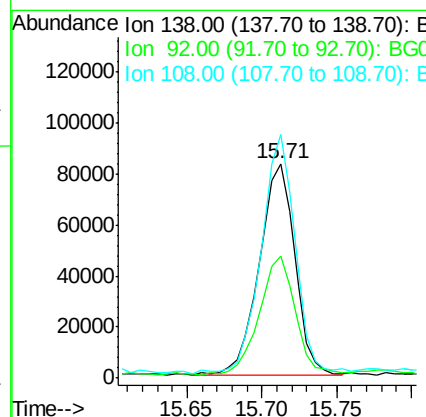
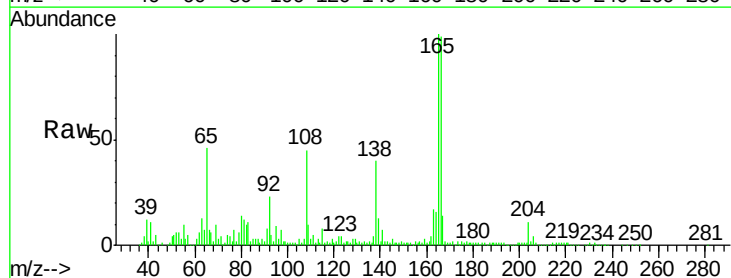
Manual Integrations
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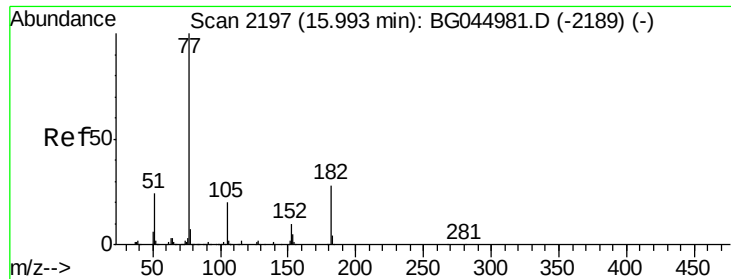
mohammad
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#62
 4-Nitroaniline
 Concen: 33.44 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	135256		
92	57.0	33.6	73.6	
108	113.4	78.2	118.2	





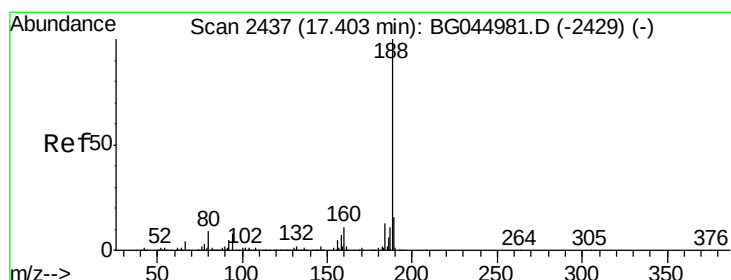
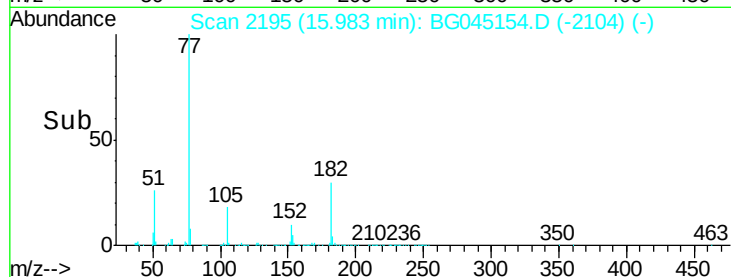
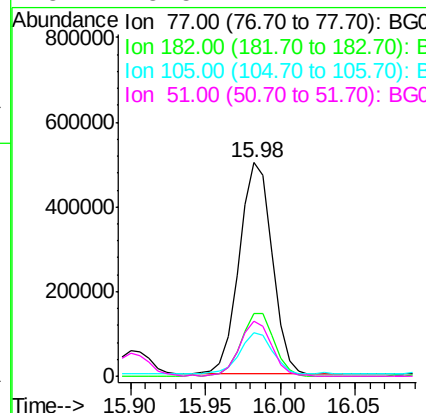
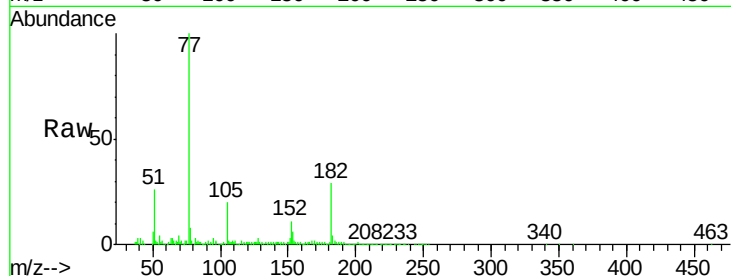
#63
Azobenzene
Concen: 49.94 ng
RT: 15.98 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Instrument :
BNA_G
ClientSampleId :
6MS

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	29.3	8.4	48.4	
105	20.3	0.5	40.5	
51	25.5	4.4	44.4	

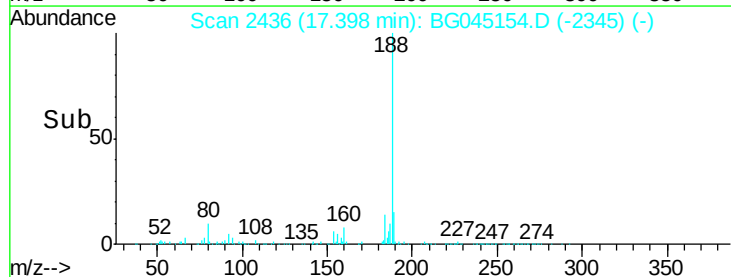
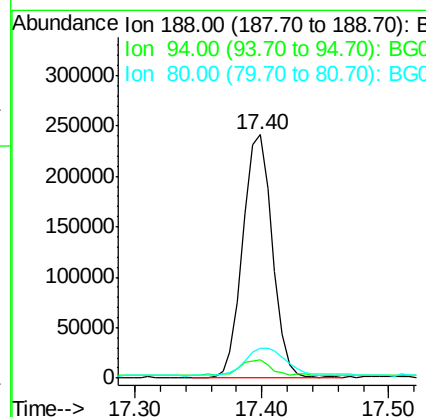
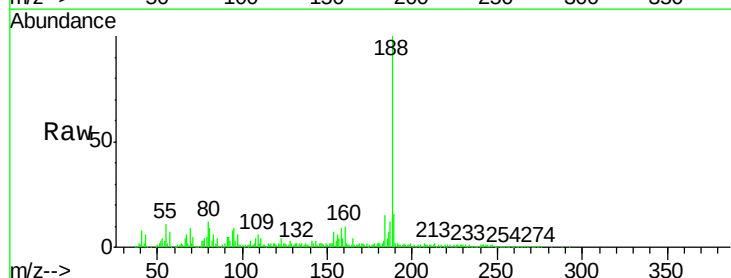
Manual Integrations
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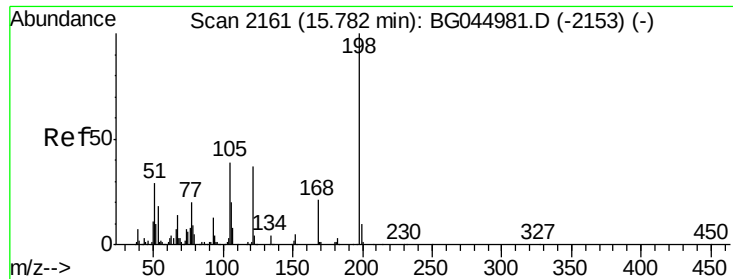
mohammad
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.7	6.2	9.4	
80	12.2	7.0	10.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 39.52 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

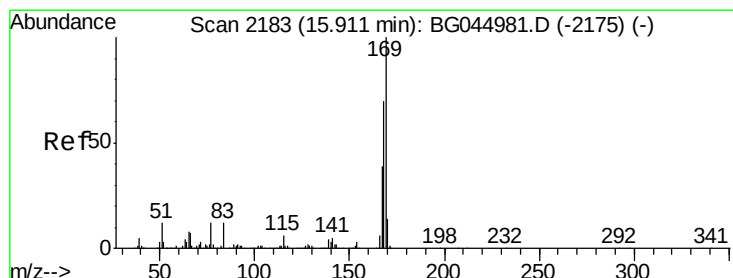
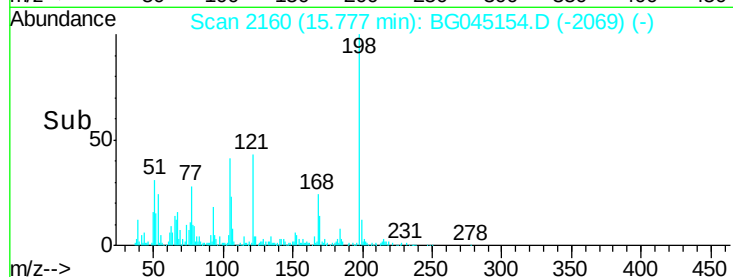
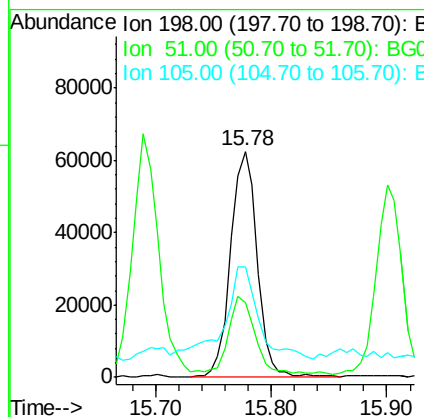
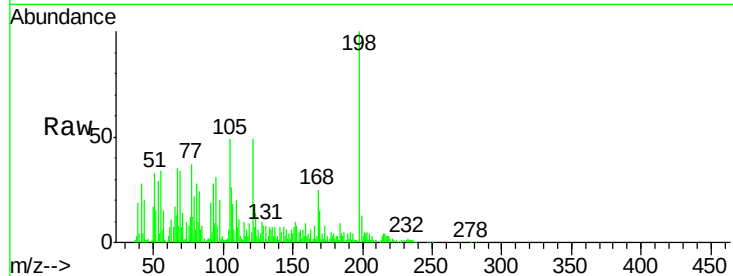
ClientSampleId :

6MS

Tgt Ion:	198	Resp:	100056
Ion Ratio	Lower	Upper	
198	100		
51	33.1	10.0	50.0
105	48.6	18.9	58.9

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 64.04 ng

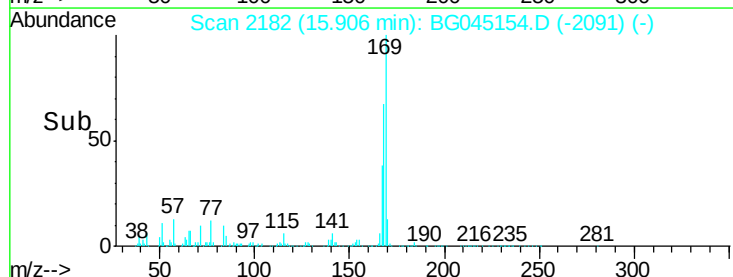
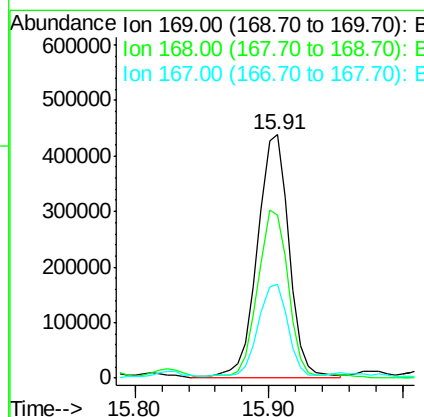
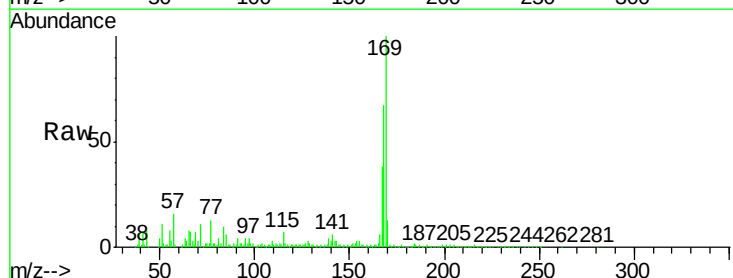
RT: 15.91 min Scan# 2182

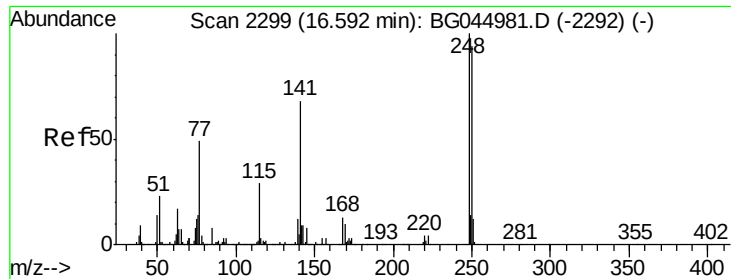
Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt Ion:	169	Resp:	708711
Ion Ratio	Lower	Upper	
169	100		
168	67.0	55.8	83.8
167	38.4	30.8	46.2





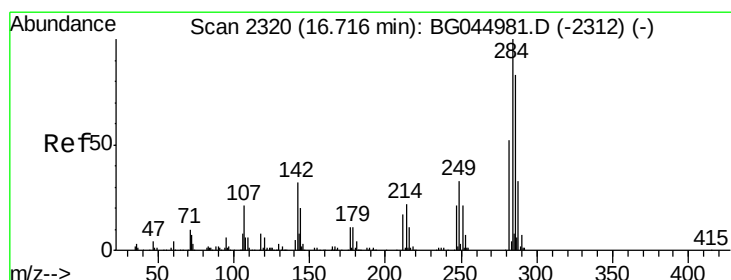
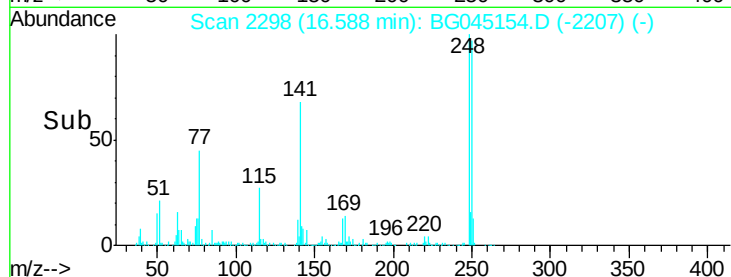
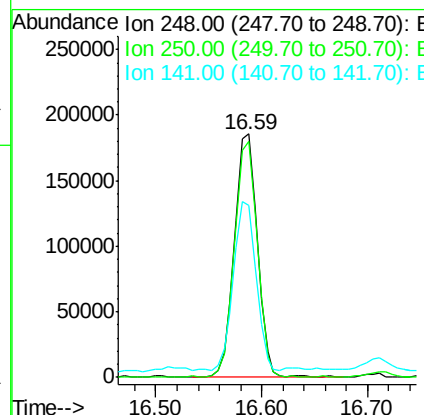
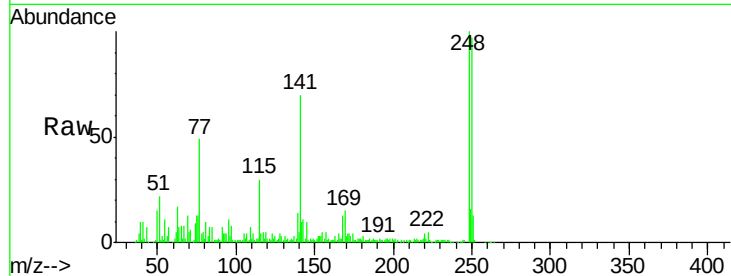
#67
4-Bromophenyl-phenylether
Concen: 55.59 ng
RT: 16.59 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Instrument :
BNA_G
ClientSampled :
6MS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	276225		
250	96.9	75.4	113.2	
141	70.4	54.4	81.6	

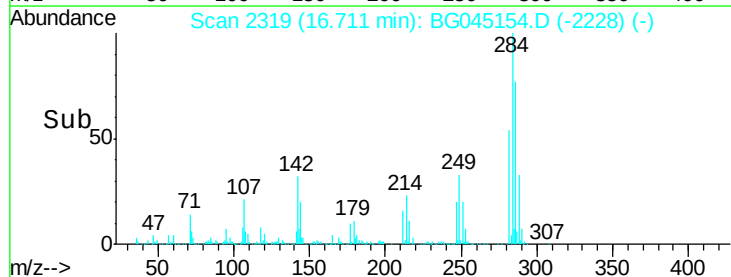
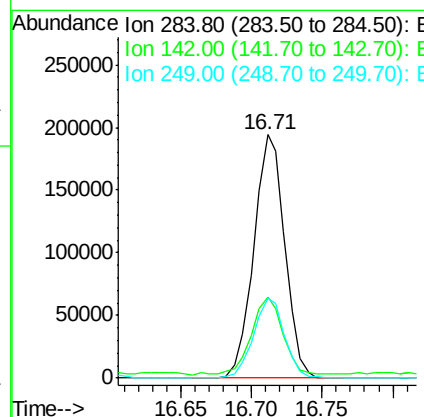
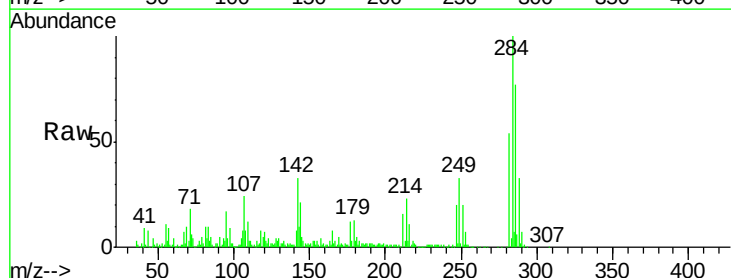
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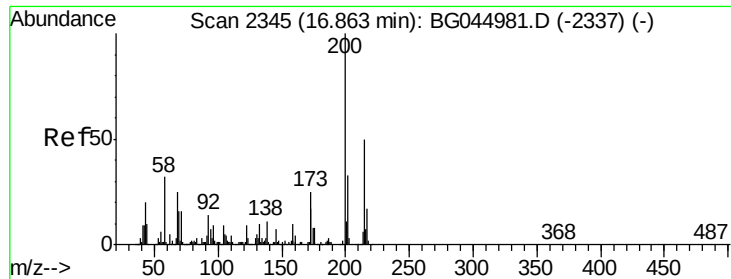
mohammad
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#68
Hexachlorobenzene
Concen: 57.83 ng
RT: 16.71 min Scan# 2319
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	298052		
142	33.1	25.8	38.6	
249	32.6	26.6	39.8	





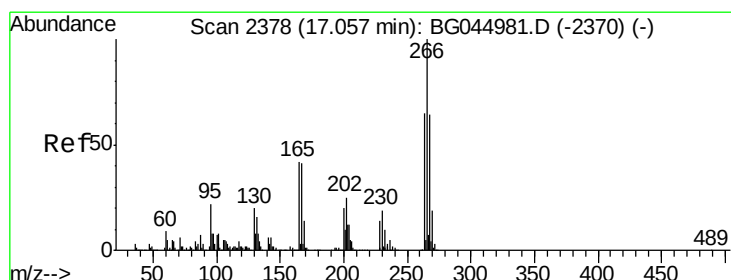
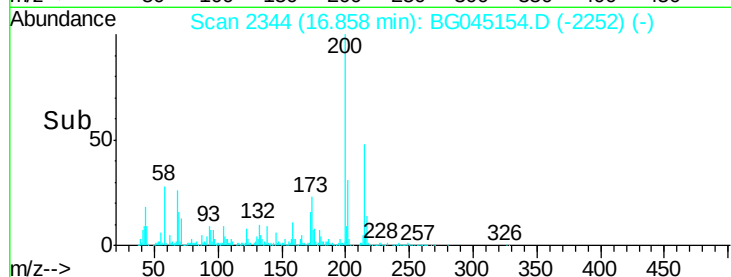
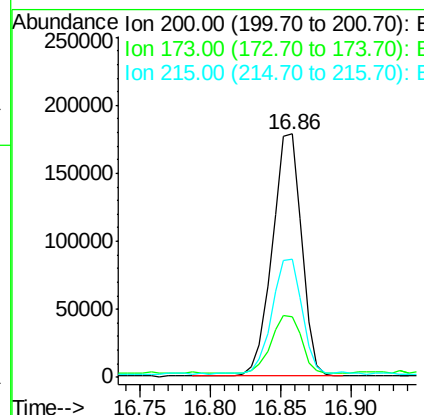
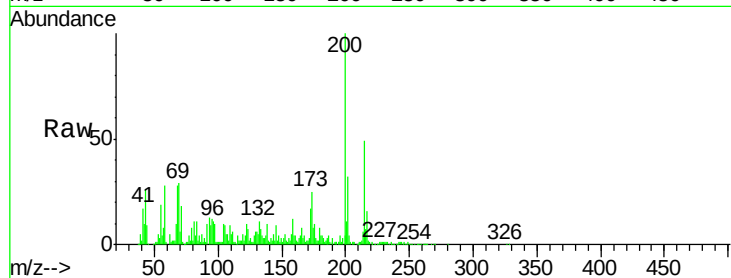
#69
Atrazine
Concen: 66.90 ng
RT: 16.86 min Scan# 2344
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Instrument :
BNA_G
ClientSampled :
6MS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	260663		
173	24.8	4.5	44.5	
215	48.7	30.0	70.0	

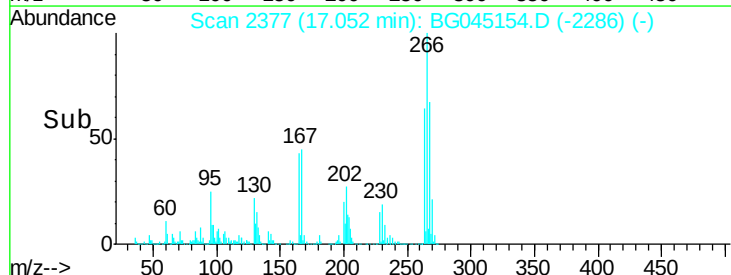
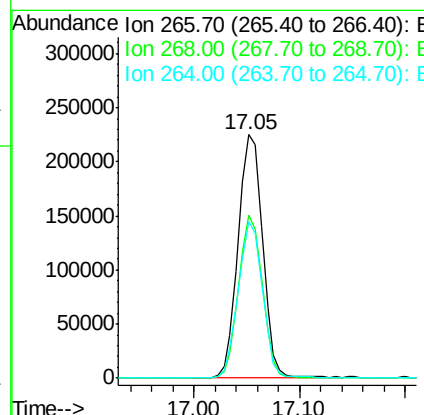
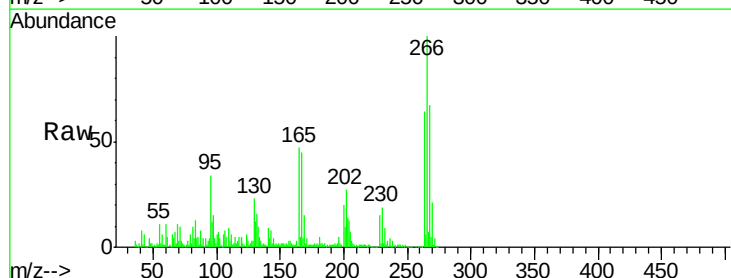
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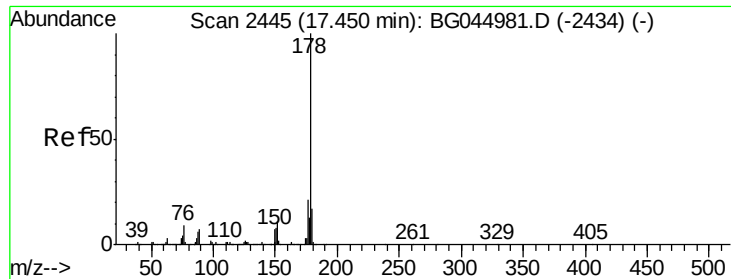
mohammad
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#70
Pentachlorophenol
Concen: 114.21 ng
RT: 17.05 min Scan# 2377
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	361082		
268	66.7	51.5	77.3	
264	64.4	52.2	78.4	





#71

Phenanthrene

Concen: 57.04 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

ClientSampleId :

6MS

Tgt Ion:178 Resp: 1128989

Ion Ratio Lower Upper

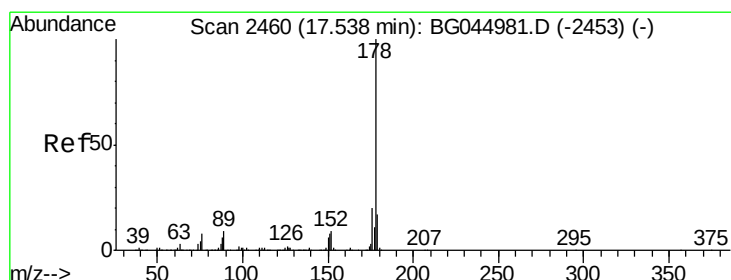
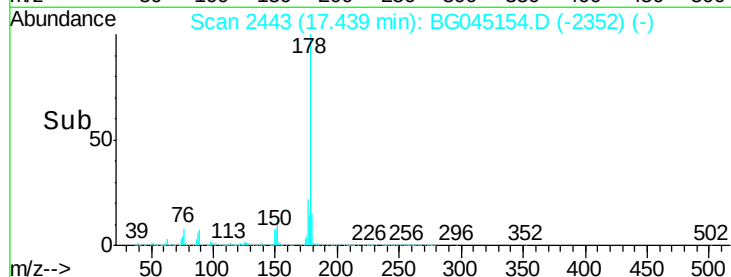
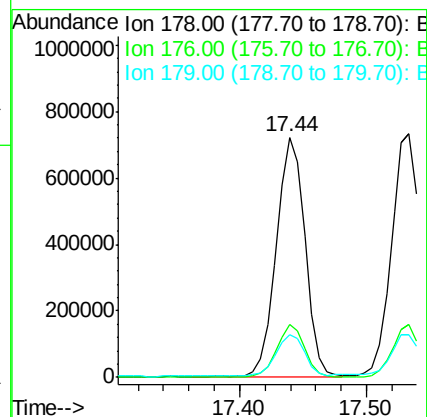
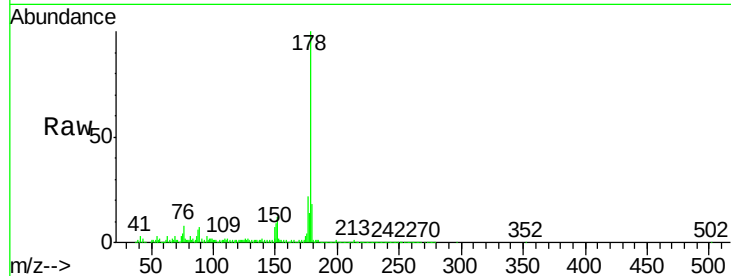
178 100

176 22.1 16.8 25.2

179 17.7 13.2 19.8

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#72

Anthracene

Concen: 57.42 ng

RT: 17.53 min Scan# 2459

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

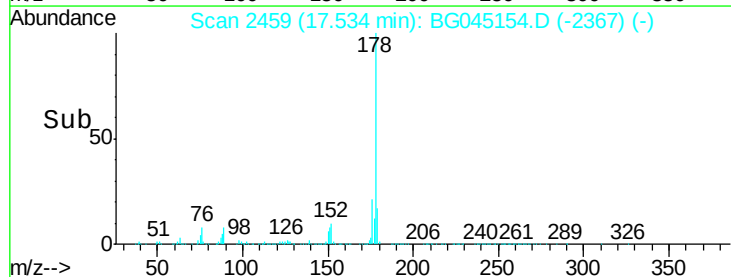
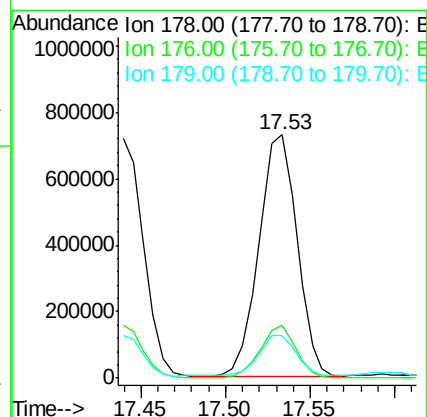
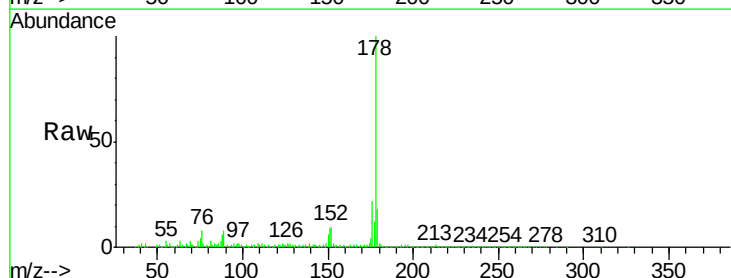
Tgt Ion:178 Resp: 1140050

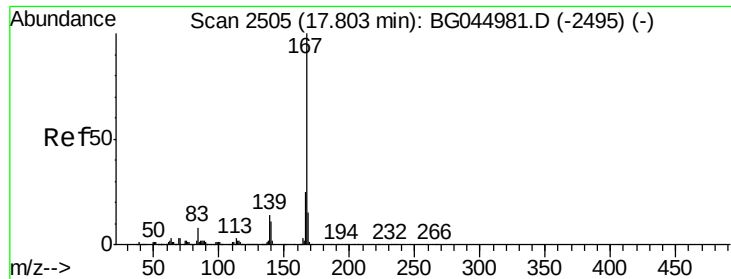
Ion Ratio Lower Upper

178 100

176 21.6 16.0 24.0

179 17.6 13.6 20.4





#73

Carbazole

Concen: 50.91 ng

RT: 17.80 min Scan# 2504

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

ClientSampleId :

6MS

Tgt Ion:167 Resp: 1025836

Ion Ratio Lower Upper

167 100

166 24.6 19.8 29.6

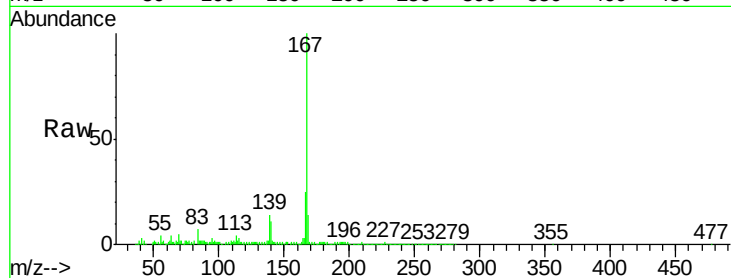
139 13.5 10.9 16.3

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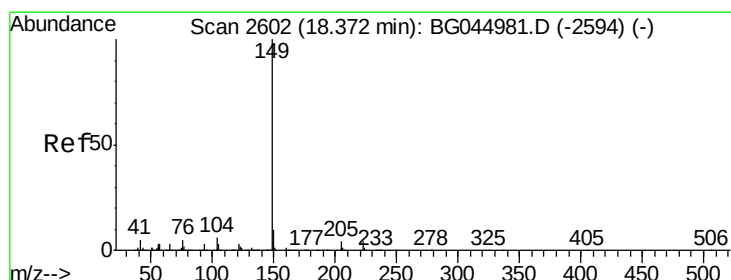
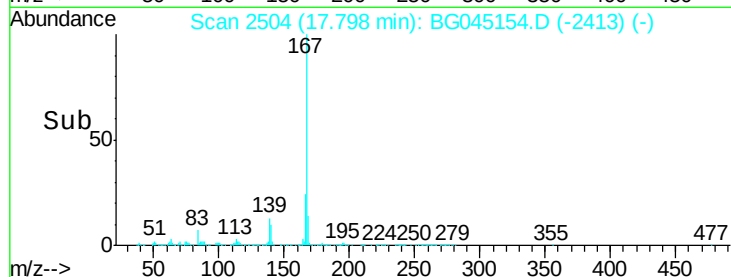
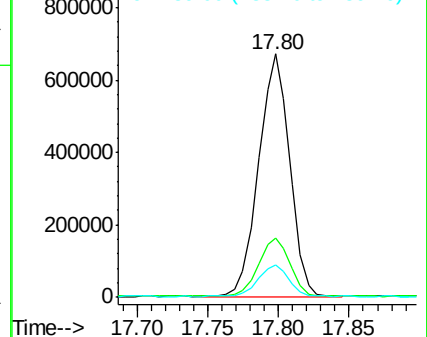
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 55.01 ng

RT: 18.36 min Scan# 2600

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

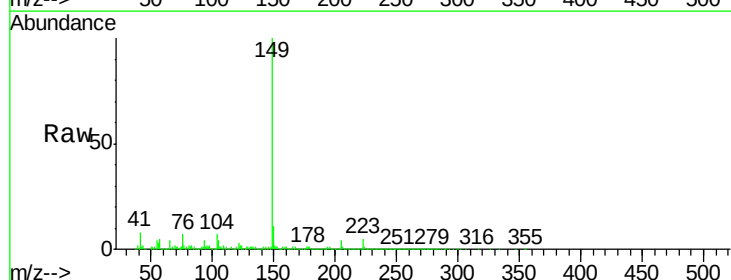
Tgt Ion:149 Resp: 1176931

Ion Ratio Lower Upper

149 100

150 10.6 8.2 12.2

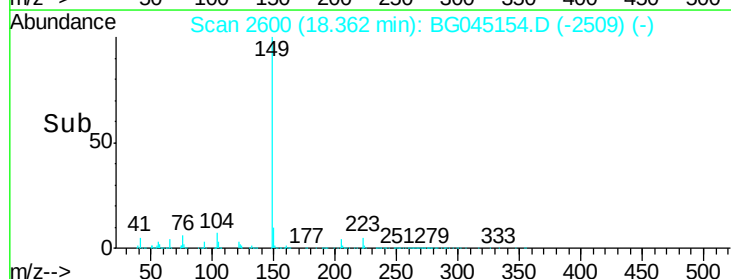
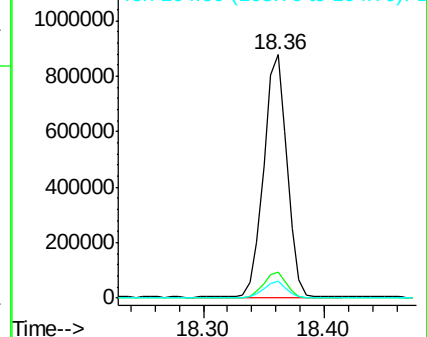
104 7.1 4.8 7.2

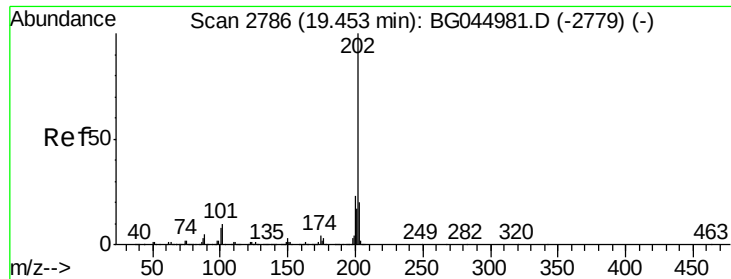


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 56.23 ng

RT: 19.45 min Scan# 2785

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

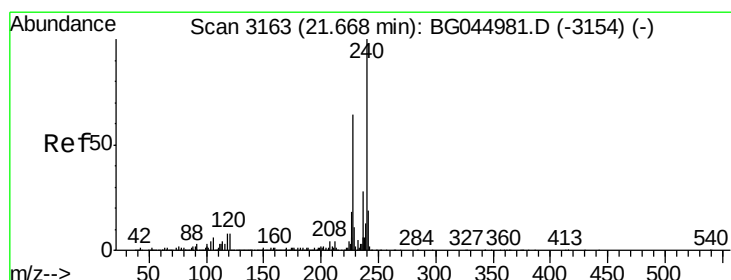
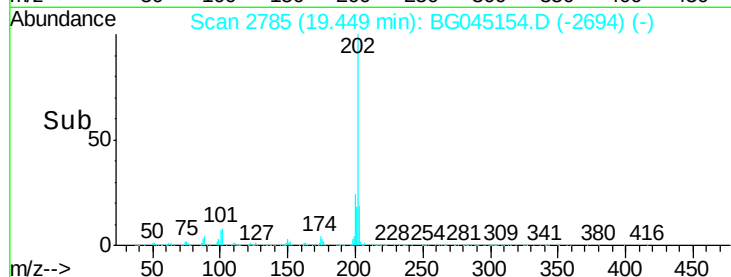
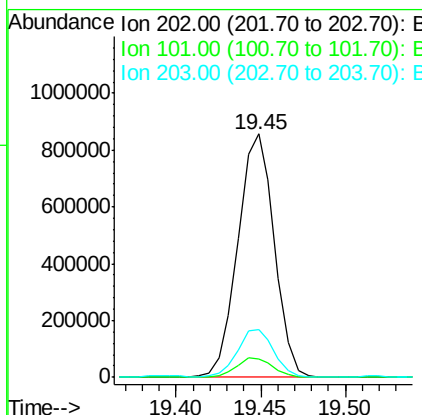
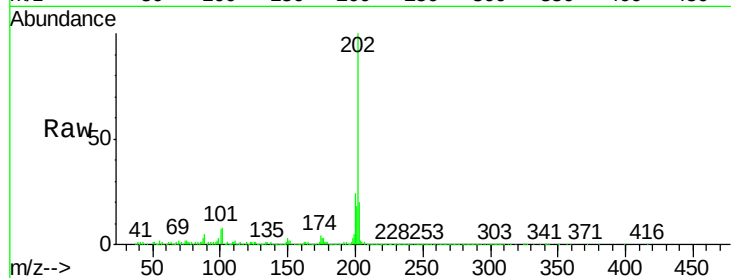
ClientSampleId :

6MS

Tgt Ion:	202	Resp:	1272312
Ion Ratio	Lower	Upper	
202	100		
101	7.7	0.0	29.6
203	19.6	0.0	39.7

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#76

Chrysene-d12

Concen: 20.00 ng

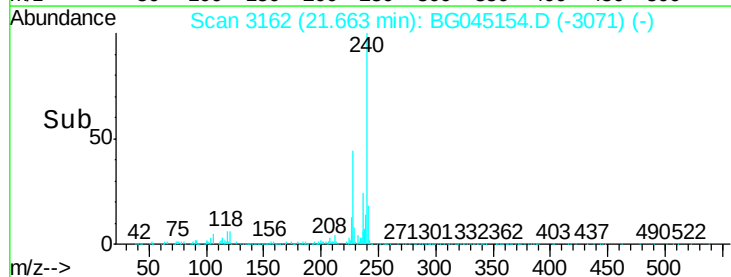
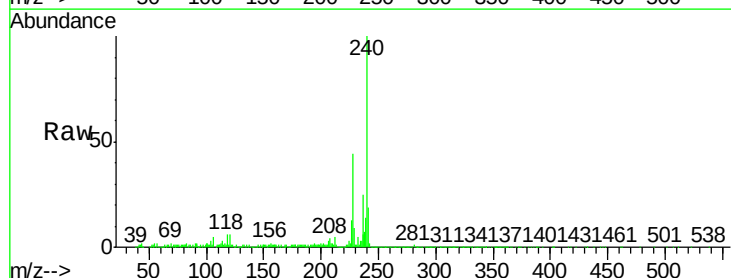
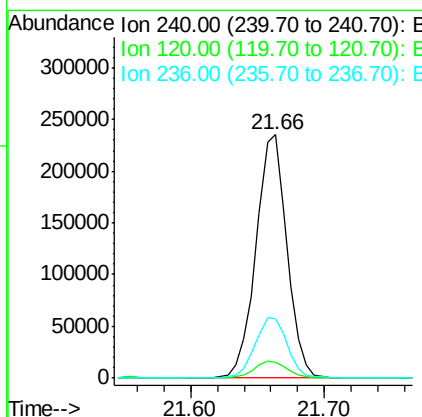
RT: 21.66 min Scan# 3162

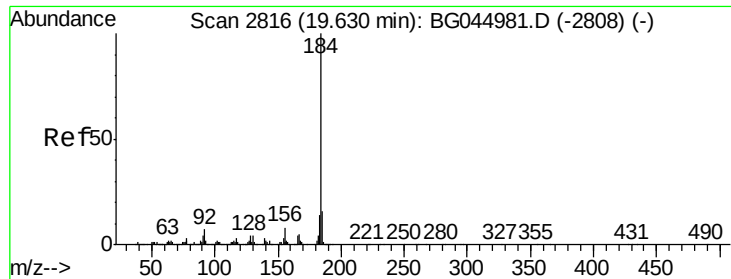
Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt Ion:	240	Resp:	375968
Ion Ratio	Lower	Upper	
240	100		
120	6.5	6.6	10.0#
236	24.5	22.2	33.2





#77

Benzidine

Concen: 62.16 ng

RT: 19.62 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

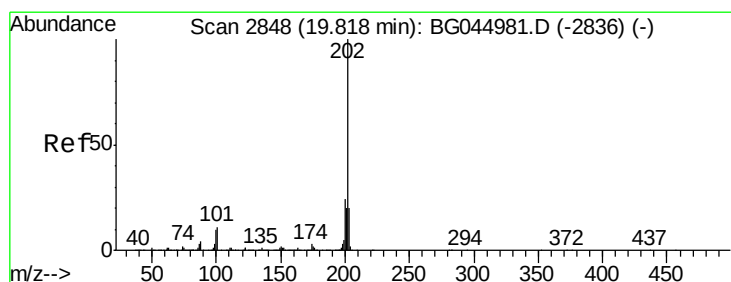
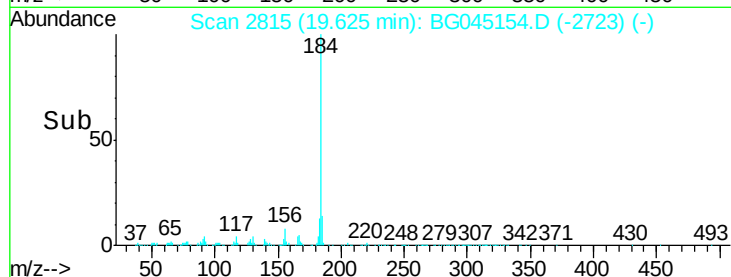
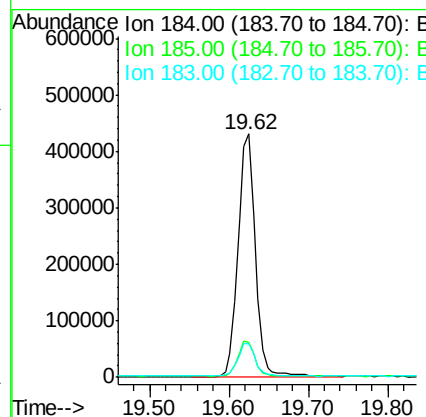
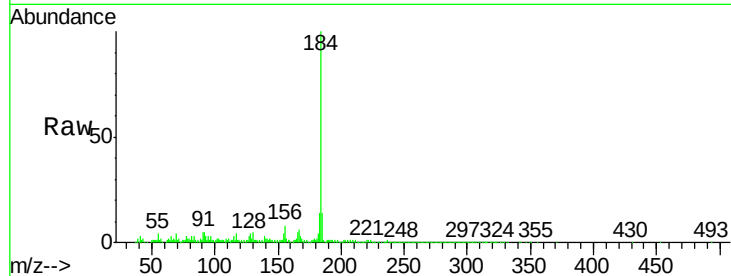
ClientSampled :

6MS

Tgt Ion:	184	Resp:	652133
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.6	19.0
183	14.0	11.3	16.9

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#78

Pyrene

Concen: 50.12 ng

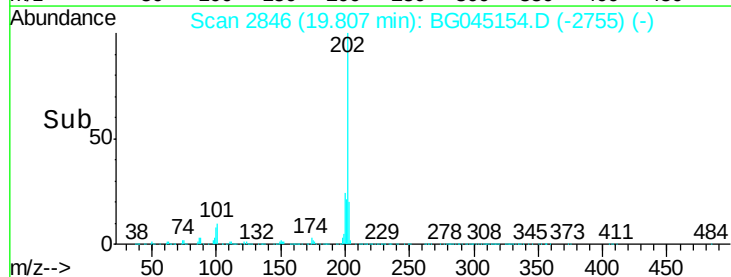
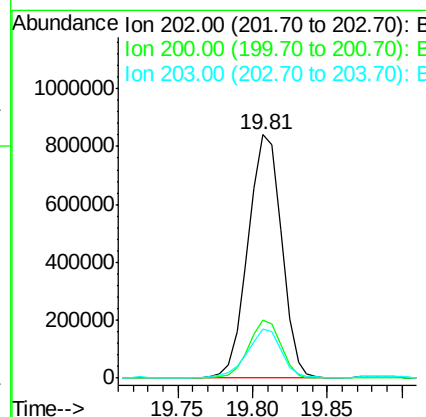
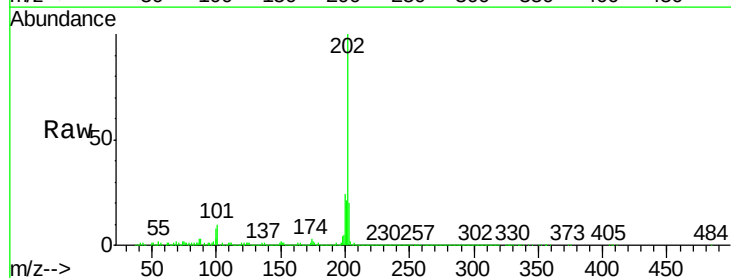
RT: 19.81 min Scan# 2846

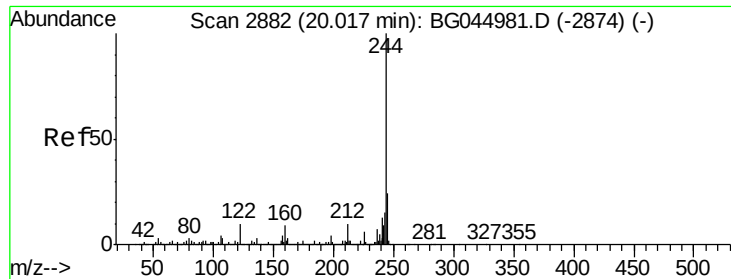
Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt Ion:	202	Resp:	1299028
Ion Ratio	Lower	Upper	
202	100		
200	23.7	19.0	28.6
203	20.2	16.1	24.1





#79

Terphenyl-d14

Concen: 44.91 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.01 min

Lab File: BG045154.D

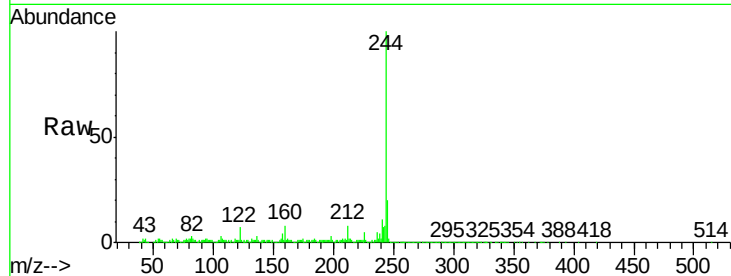
Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

ClientSampleId :

6MS



Tgt Ion: 244 Resp: 774728

Ion Ratio Lower Upper

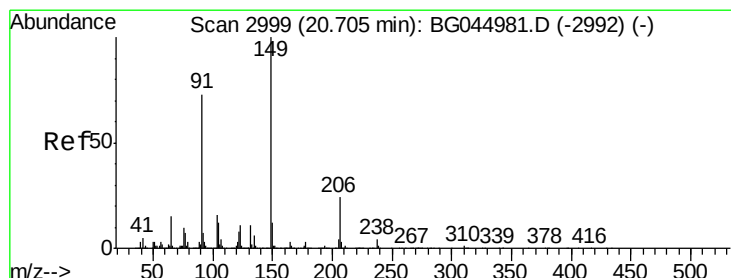
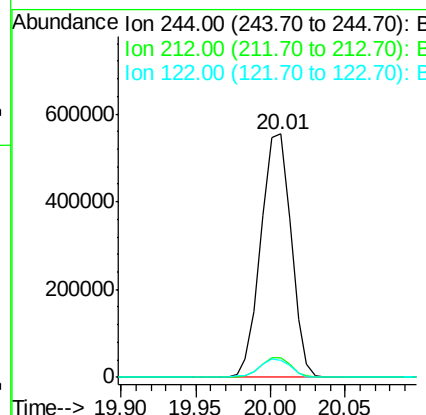
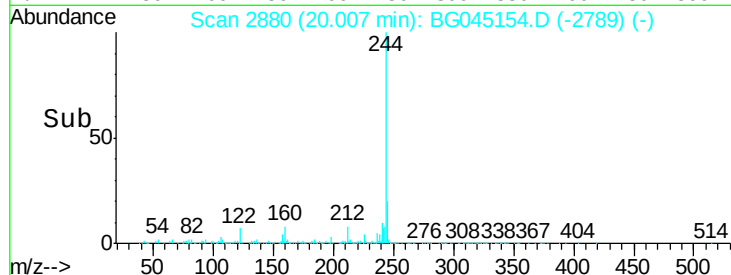
244 100

212 8.0 7.9 11.9

122 7.0 7.7 11.5#

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#80

Butylbenzylphthalate

Concen: 48.96 ng

RT: 20.69 min Scan# 2997

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

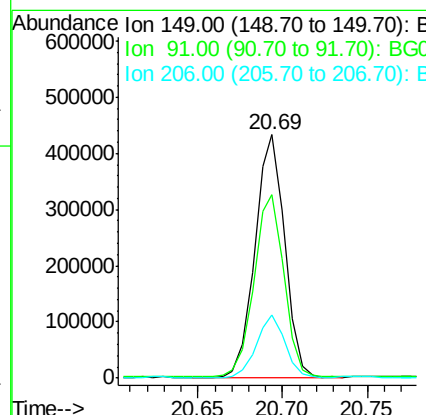
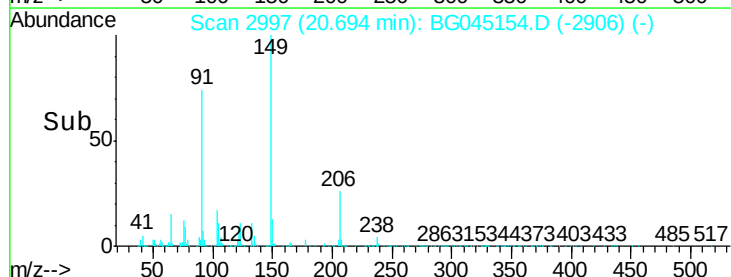
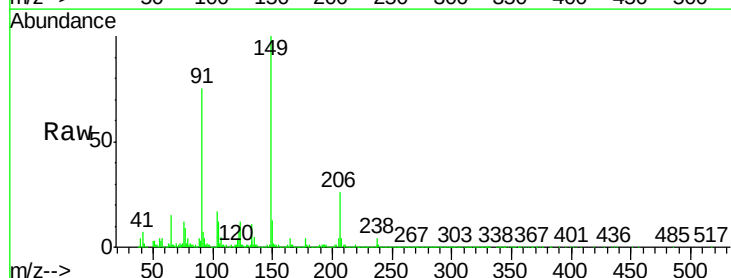
Tgt Ion: 149 Resp: 525982

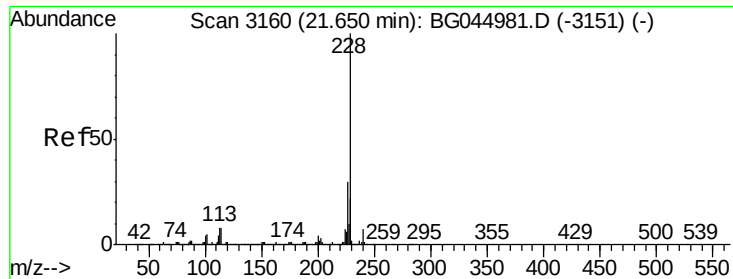
Ion Ratio Lower Upper

149 100

91 75.2 58.5 87.7

206 26.1 19.2 28.8





#81

Benzo(a)anthracene

Concen: 54.81 ng

RT: 21.65 min Scan# 3159

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

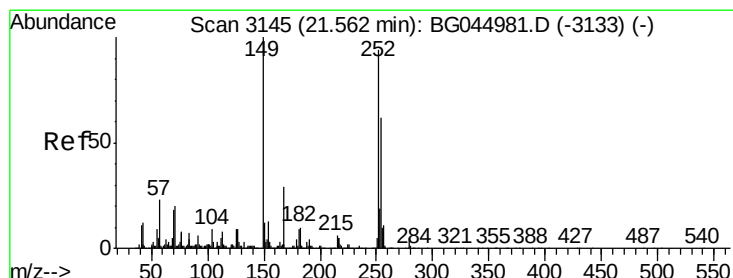
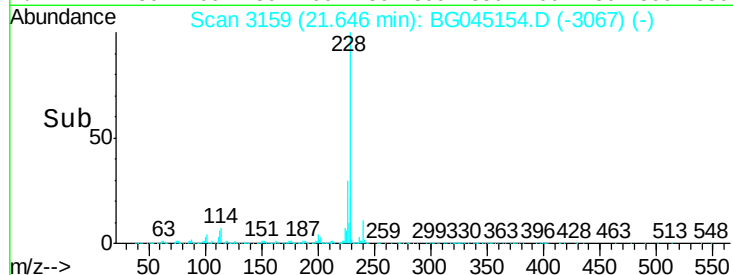
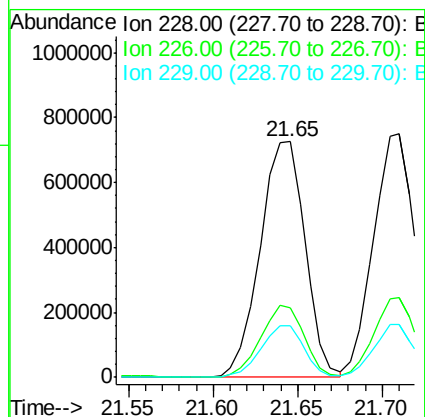
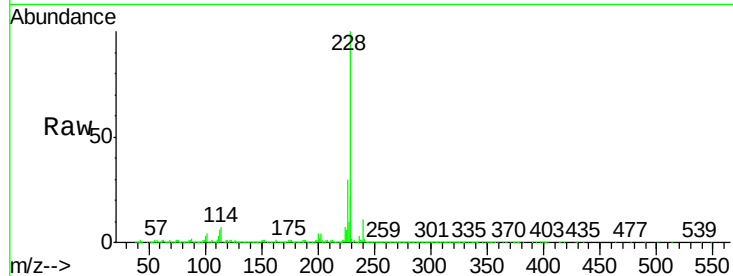
ClientSampled :

6MS

Tgt Ion:	228	Resp:	1335555
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	21.9	17.5	26.3

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#82

3,3'-Dichlorobenzidine

Concen: 45.98 ng

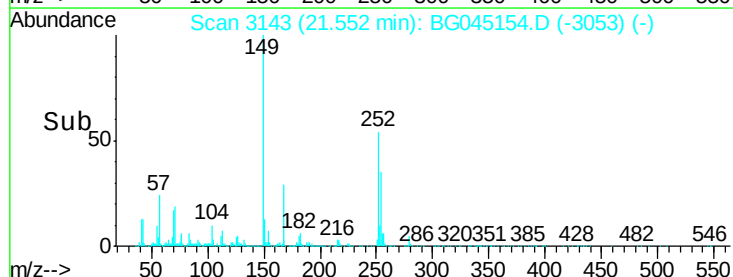
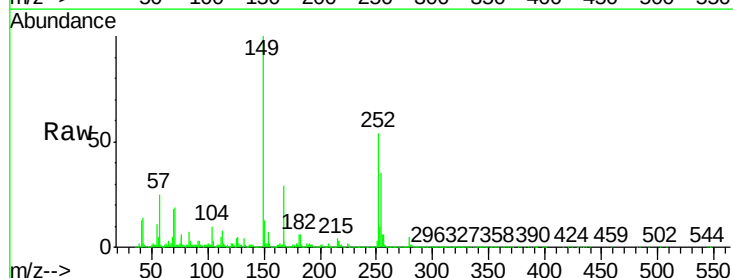
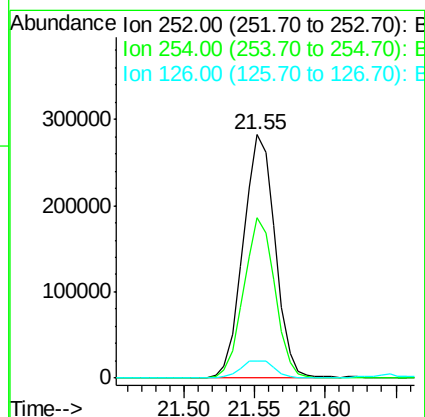
RT: 21.55 min Scan# 3143

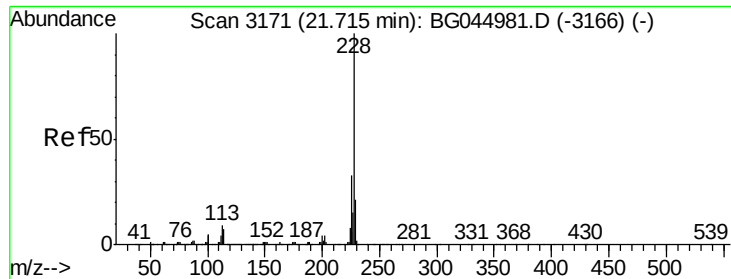
Delta R.T. 0.00 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt Ion:	252	Resp:	445919
Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.6	79.0
126	7.2	7.5	11.3#





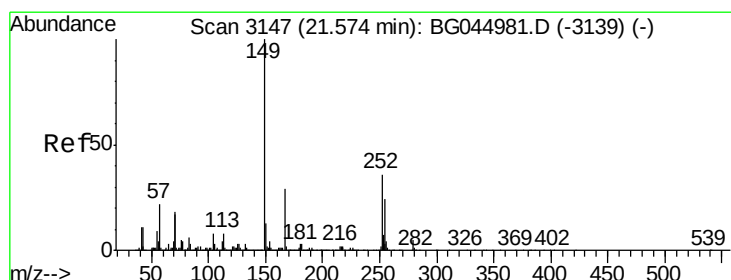
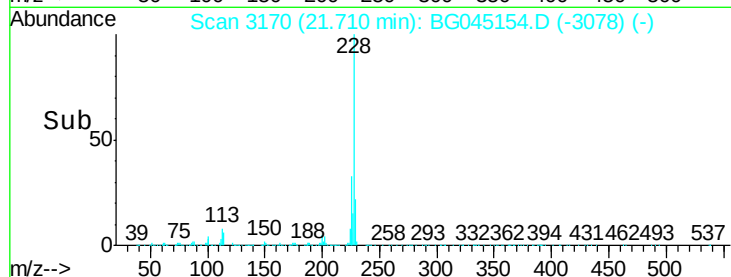
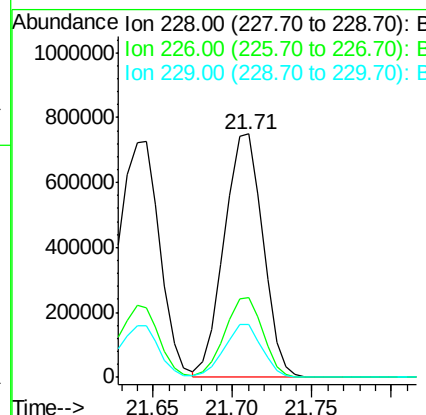
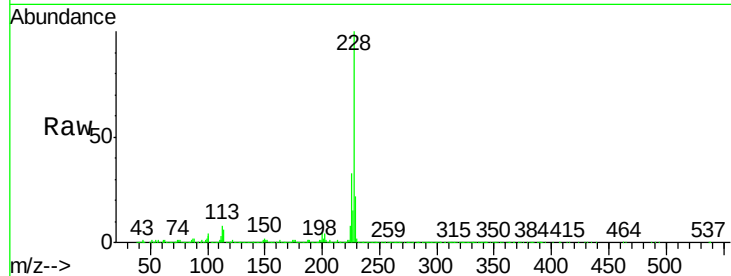
#83
 Chrysene
 Concen: 54.20 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Instrument :
 BNA_G
 ClientSampled :
 6MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	26.2	39.4
229	21.8	17.0	25.6

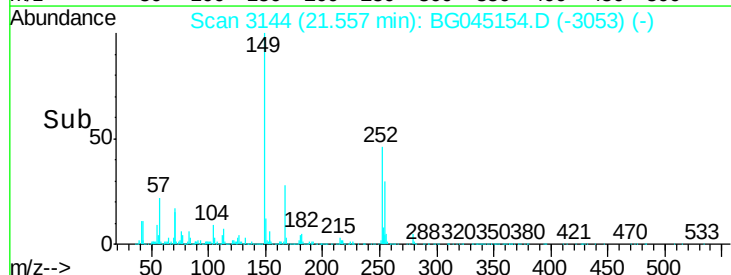
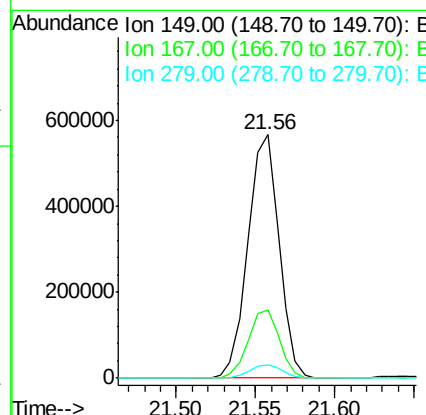
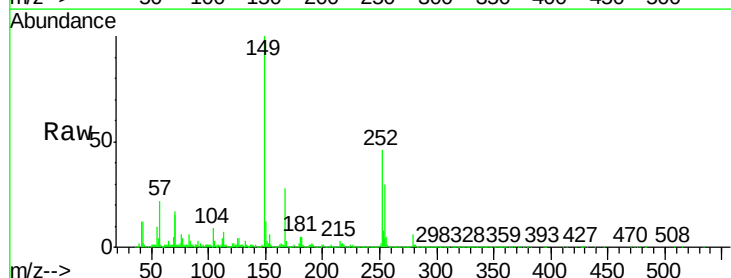
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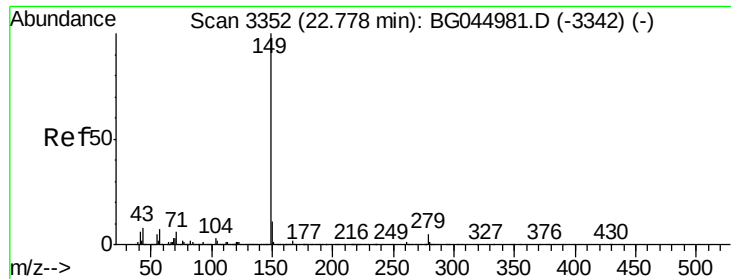
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.35 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.4	35.0
279	5.5	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 52.40 ng

RT: 22.76 min Scan# 3348

Delta R.T. 0.00 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

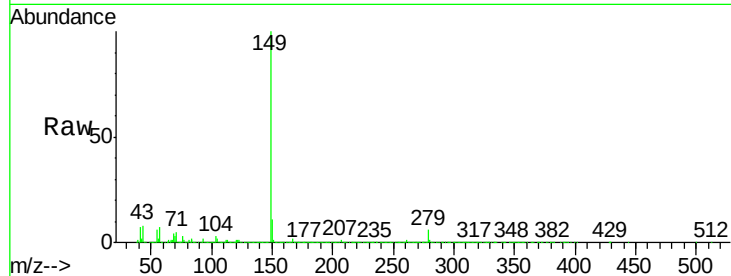
ClientSampleId :

6MS

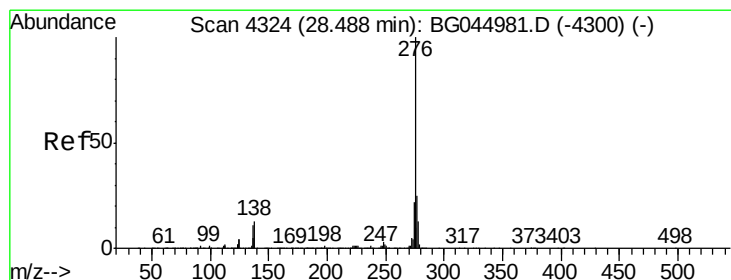
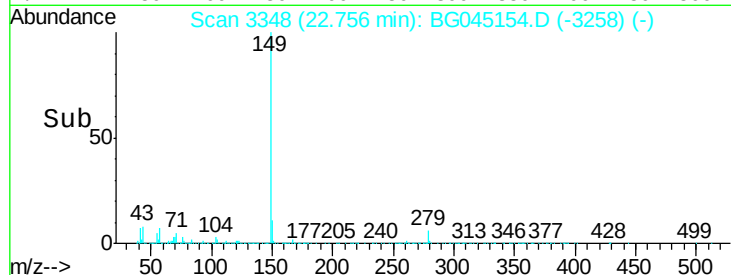
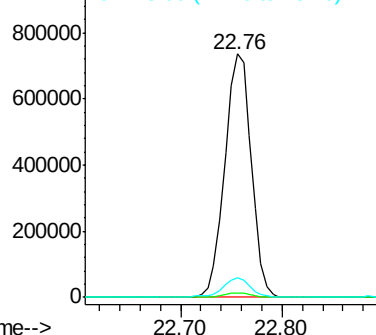
Tgt Ion:	149	Resp:	1339043
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	7.7	5.7	8.5

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.31 ng

RT: 28.47 min Scan# 4320

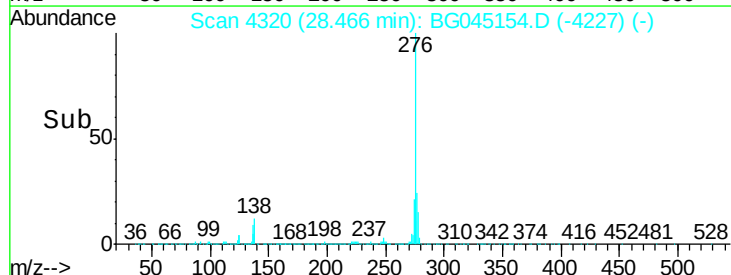
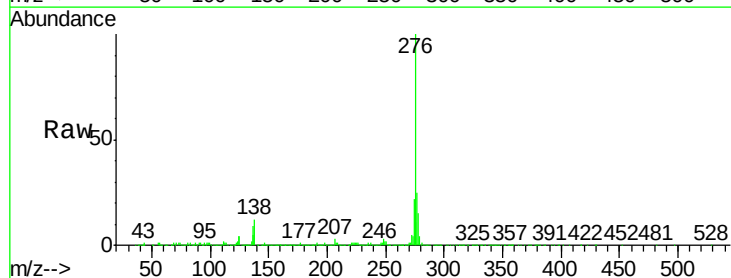
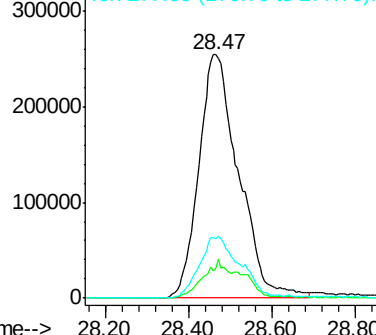
Delta R.T. 0.02 min

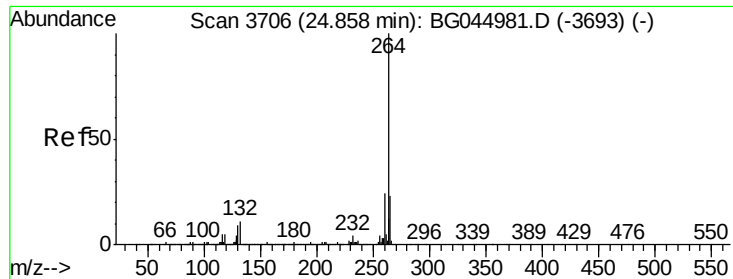
Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt Ion:	276	Resp:	1688177
Ion	Ratio	Lower	Upper
276	100		
138	9.5	9.6	14.4#
277	25.6	20.6	31.0

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





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.84 min Scan# 3703

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

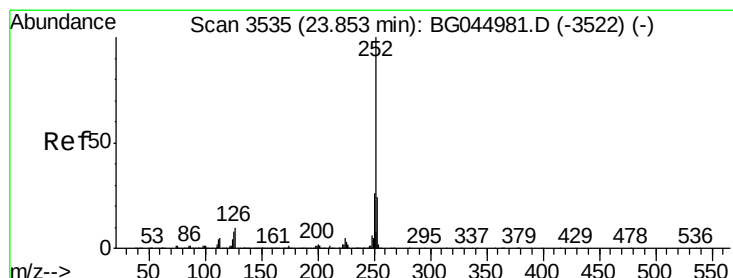
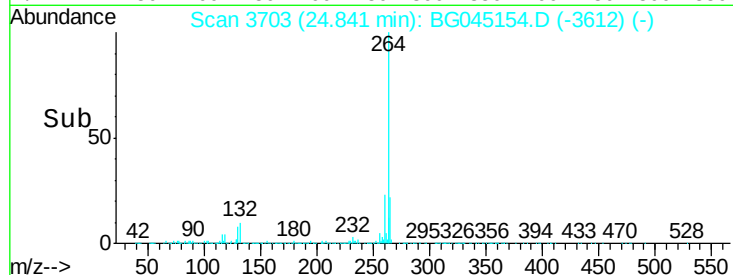
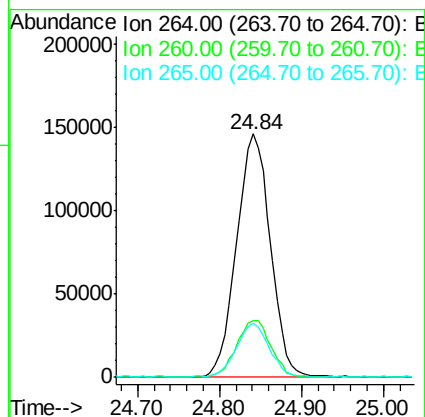
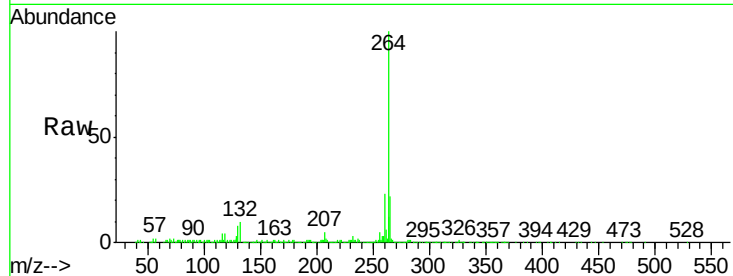
ClientSampleId :

6MS

Tgt Ion:	264	Resp:	421122
Ion Ratio		Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.2	19.0	28.4

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#88

Benzo(b)fluoranthene

Concen: 55.29 ng

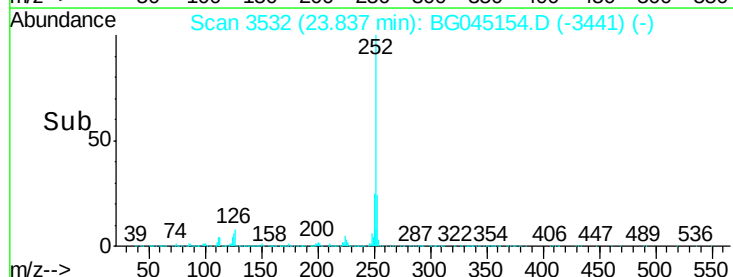
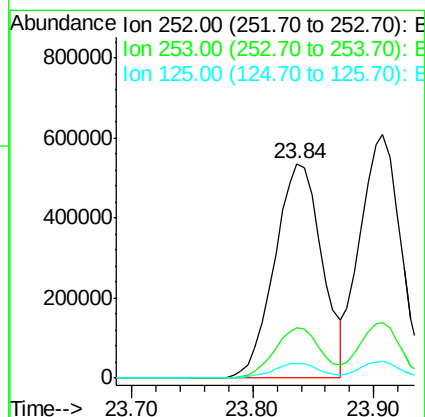
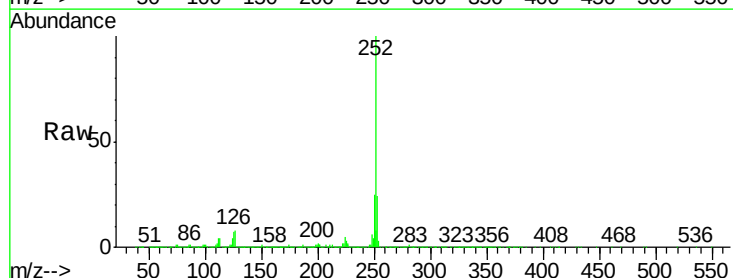
RT: 23.84 min Scan# 3532

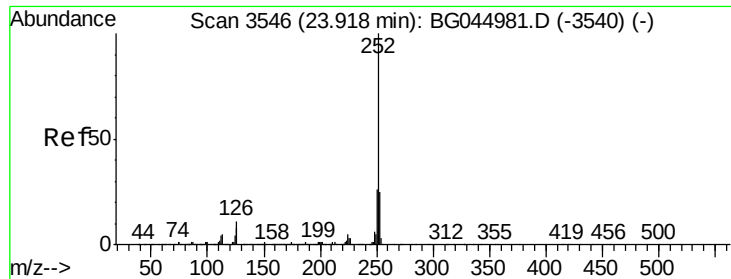
Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt Ion:	252	Resp:	1458589
Ion Ratio		Lower	Upper
252	100		
253	23.7	18.8	28.2
125	6.5	6.2	9.4





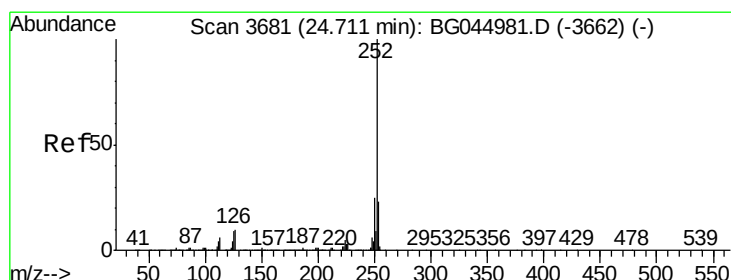
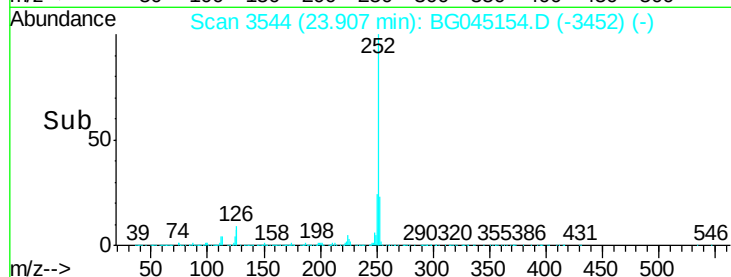
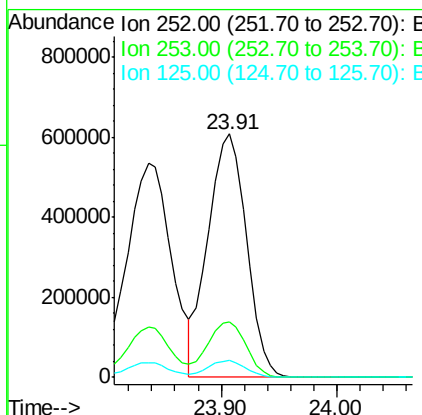
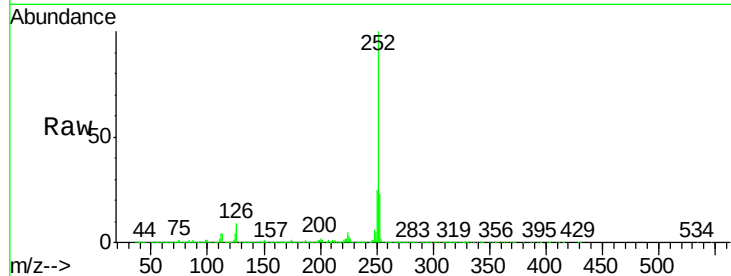
#89
Benzo(k)fluoranthene
Concen: 56.09 ng
RT: 23.91 min Scan# 3544
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Instrument :
BNA_G
ClientSampleId :
6MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.2	28.8
125	6.9	5.9	8.9

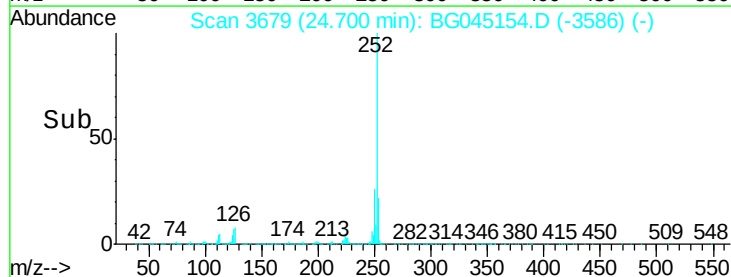
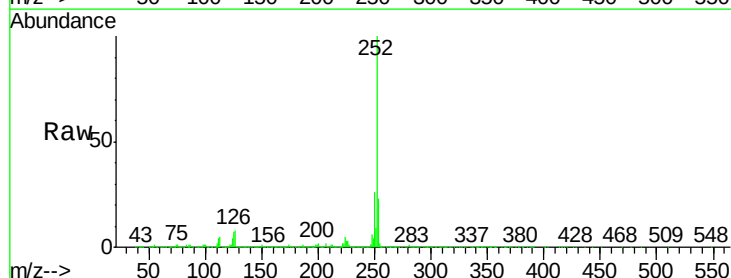
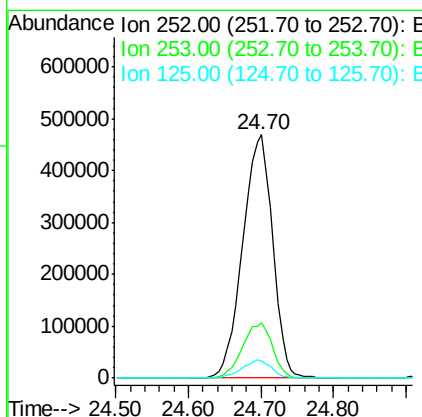
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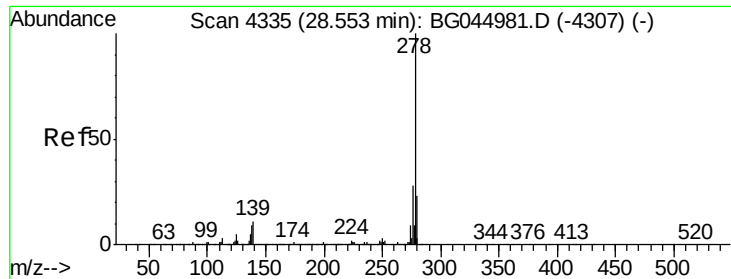
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#90
Benzo(a)pyrene
Concen: 53.95 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.02 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	7.0	7.0	10.6





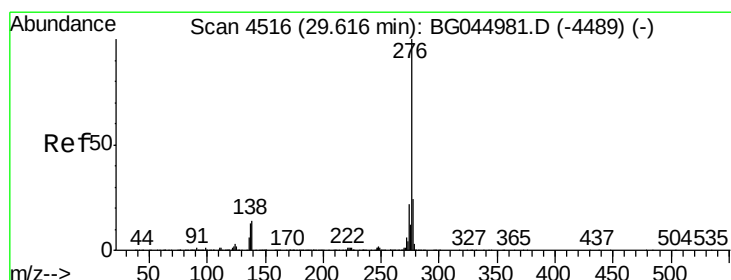
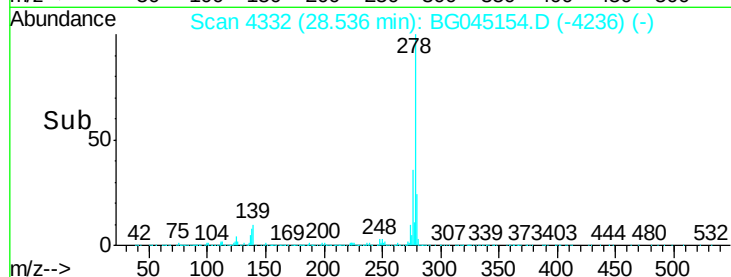
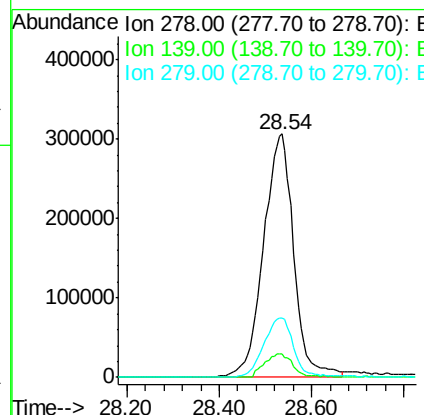
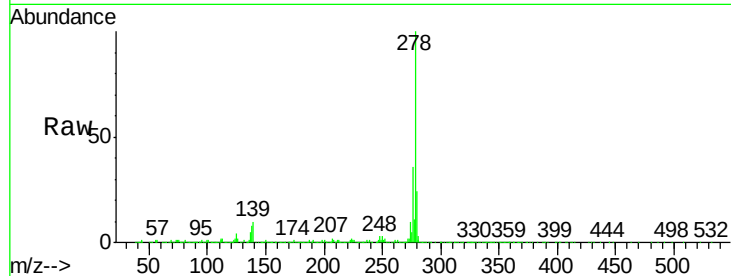
#91
Dibenzo(a,h)anthracene
Concen: 55.03 ng
RT: 28.54 min Scan# 4332
Delta R.T. 0.04 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Instrument :
BNA_G
ClientSampleId :
6MS

Tgt Ion:278 Resp: 1381167
Ion Ratio Lower Upper
278 100
139 9.6 9.0 13.6
279 24.1 18.4 27.6

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#92
Benzo(g,h,i)perylene
Concen: 50.40 ng
RT: 29.60 min Scan# 4513
Delta R.T. 0.04 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion:276 Resp: 1268179
Ion Ratio Lower Upper
276 100
277 23.2 19.3 28.9
138 12.4 11.4 17.2

