

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021720\
 Data File : BG044457.D
 Acq On : 17 Feb 2020 21:37
 Operator : CG/JU
 Sample : L1547-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-01-CMSD

Manual Integrations
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Quant Time: Feb 18 06:27:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	74322	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	300159	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	198230	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	434714	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	418288	20.00	ng	-0.02
87) Perylene-d12	24.60	264	455798	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	495040	117.55	ng	0.00
7) Phenol-d6	7.07	99	650626	115.05	ng	-0.01
23) Nitrobenzene-d5	9.05	82	386017	72.61	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	269953	116.00	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	897241	75.79	ng	-0.01
79) Terphenyl-d14	19.89	244	1417220	69.69	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.35	88	82079	43.38	ng 99
3) Pyridine	3.75	79	197338	39.15	ng 98
4) n-Nitrosodimethylamine	3.66	42	97076	46.08	ng 97
6) Aniline	7.21	93	176485	25.14	ng 99
8) 2-Chlorophenol	7.46	128	243612	52.64	ng 99
9) Benzaldehyde	7.02	77	99721	30.96	ng 98
10) Phenol	7.09	94	293113	52.37	ng 98
11) bis(2-Chloroethyl)ether	7.31	93	220449	46.07	ng 99
12) 1,3-Dichlorobenzene	7.78	146	255045	46.15	ng 98
13) 1,4-Dichlorobenzene	7.92	146	257014	46.96	ng 99
14) 1,2-Dichlorobenzene	8.25	146	243288	47.03	ng 99
15) Benzyl Alcohol	8.13	79	195227	48.76	ng 97
16) 2,2'-oxybis(1-Chloropropan	8.42	45	282617	43.64	ng 99
17) 2-Methylphenol	8.34	107	205863	51.55	ng 97
18) Hexachloroethane	8.97	117	92657	45.11	ng 97
19) n-Nitroso-di-n-propylamine	8.70	70	169794	45.05	ng 98
20) 3+4-Methylphenols	8.67	107	282292	51.30	ng 98
22) Acetophenone	8.71	105	322750	44.20	ng 100
24) Nitrobenzene	9.09	77	242653	46.75	ng 98
25) Isophorone	9.61	82	469591	47.39	ng 100
26) 2-Nitrophenol	9.80	139	138309	51.35	ng 99
27) 2,4-Dimethylphenol	9.87	122	228711	60.16	ng 97
28) bis(2-Chloroethoxy)methane	10.10	93	296330	44.83	ng 99
29) 2,4-Dichlorophenol	10.34	162	238460	51.87	ng 99
30) 1,2,4-Trichlorobenzene	10.56	180	245005	46.48	ng 98
31) Naphthalene	10.74	128	708224	48.63	ng 100
32) Benzoic acid	10.04	122	88587	39.10	ng 92
33) 4-Chloroaniline	10.85	127	88298	13.33	ng 98
34) Hexachlorobutadiene	11.04	225	144991	44.70	ng 100
35) Caprolactam	11.62	113	85581m	50.82	ng
36) 4-Chloro-3-methylphenol	11.99	107	248838	51.63	ng 99
37) 2-Methylnaphthalene	12.35	142	525447	48.60	ng 99
38) 1-Methylnaphthalene	12.57	142	500304	49.08	ng 98
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	266863	45.00	ng 99

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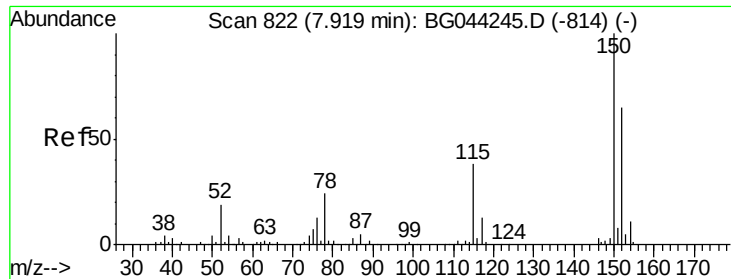
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	291440	102.43	ng	99
43) 2,4,6-Trichlorophenol	12.96	196	192939	50.34	ng	98
44) 2,4,5-Trichlorophenol	13.04	196	204873	52.33	ng	98
46) 1,1'-Biphenyl	13.36	154	666205	46.59	ng	97
47) 2-Chloronaphthalene	13.40	162	523967	46.05	ng	100
48) 2-Nitroaniline	13.60	65	150001	44.67	ng	93
49) Acenaphthylene	14.25	152	830173	49.75	ng	99
50) Dimethylphthalate	13.99	163	701656	49.24	ng	99
51) 2,6-Dinitrotoluene	14.10	165	152842	48.11	ng	97
52) Acenaphthene	14.60	154	511899	47.32	ng	98
53) 3-Nitroaniline	14.43	138	66914	19.04	ng	95
54) 2,4-Dinitrophenol	14.64	184	185742	96.88	ng	98
55) Dibenzofuran	14.93	168	792136	48.37	ng	98
56) 4-Nitrophenol	14.76	139	277323	107.71	ng	95
57) 2,4-Dinitrotoluene	14.89	165	213710	47.99	ng	99
58) Fluorene	15.58	166	630247	48.86	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	178537	50.49	ng	99
60) Diethylphthalate	15.36	149	665882	46.90	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	331476	47.39	ng	100
62) 4-Nitroaniline	15.60	138	149819	42.66	ng	96
63) Azobenzene	15.87	77	594027	47.74	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	136922	57.06	ng	99
66) n-Nitrosodiphenylamine	15.78	169	588431	48.30	ng	98
67) 4-Bromophenyl-phenylether	16.47	248	222486	46.98	ng	98
68) Hexachlorobenzene	16.59	284	246087	46.38	ng	99
69) Atrazine	16.74	200	229171	54.88	ng	97
70) Pentachlorophenol	16.94	266	267021	98.75	ng	97
71) Phenanthrene	17.32	178	1074350	51.04	ng	99
72) Anthracene	17.41	178	1058045	50.84	ng	99
73) Carbazole	17.68	167	945558	49.28	ng	99
74) Di-n-butylphthalate	18.24	149	1145254	48.30	ng	100
75) Fluoranthene	19.33	202	1284186	52.74	ng	99
77) Benzidine	19.50	184	536580	46.25	ng	98
78) Pyrene	19.69	202	1278932	47.61	ng	99
80) Butylbenzylphthalate	20.58	149	536717	43.84	ng	99
81) Benzo(a)anthracene	21.50	228	1229724	47.70	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	228310	22.82	ng	99
83) Chrysene	21.57	228	1163550	46.69	ng	100
84) Bis(2-ethylhexyl)phthalate	21.42	149	764422	45.37	ng	98
85) Di-n-octyl phthalate	22.58	149	1344640	46.12	ng	99
86) Indeno(1,2,3-cd)pyrene	28.08	276	1518380	46.71	ng	# 91
88) Benzo(b)fluoranthene	23.63	252	1320184	50.26	ng	100
89) Benzo(k)fluoranthene	23.69	252	1253342	48.96	ng	99
90) Benzo(a)pyrene	24.45	252	1217666	49.03	ng	98
91) Dibenzo(a,h)anthracene	28.13	278	1222100	49.73	ng	98
92) Benzo(g,h,i)perylene	29.17	276	1271113	51.67	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.02 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

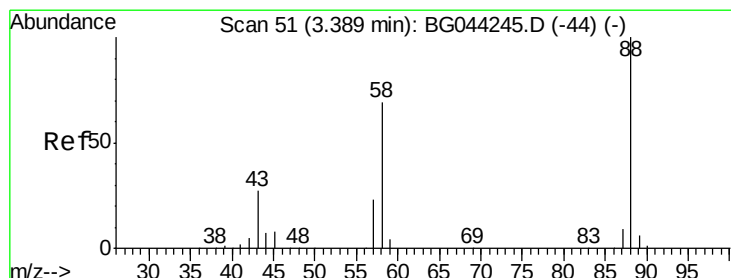
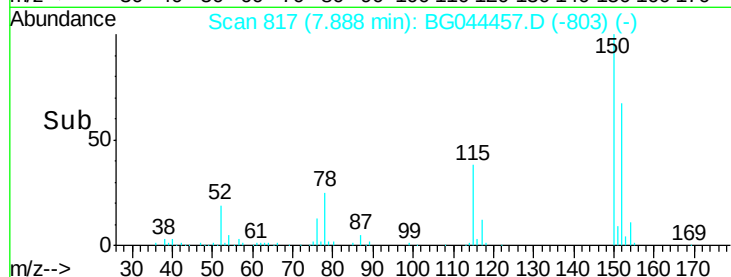
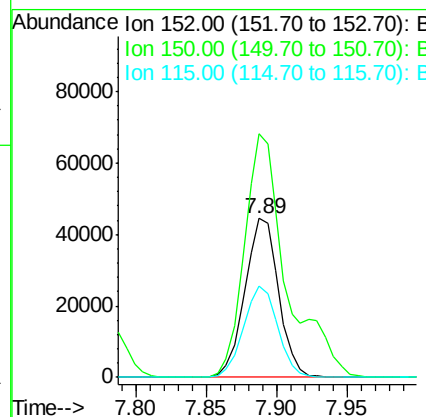
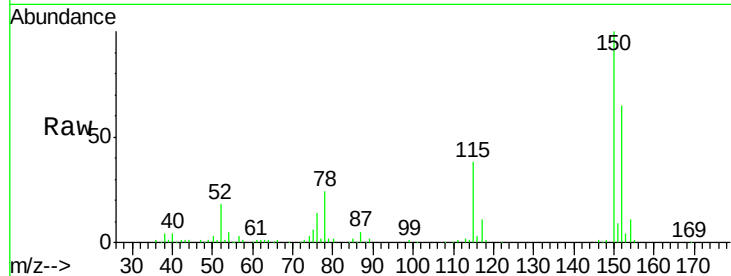
ClientSampleId :

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Tgt Ion:	152	Resp:	74322
Ion Ratio	Lower	Upper	
152	100		
150	153.6	122.6	183.8
115	57.6	46.0	69.0

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#2

1,4-Dioxane

Concen: 43.38 ng

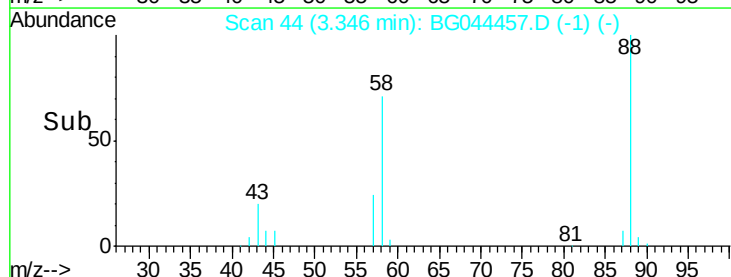
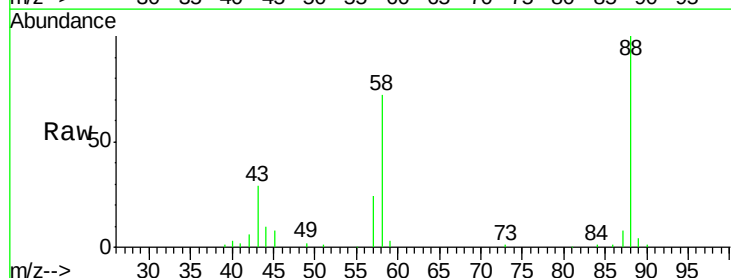
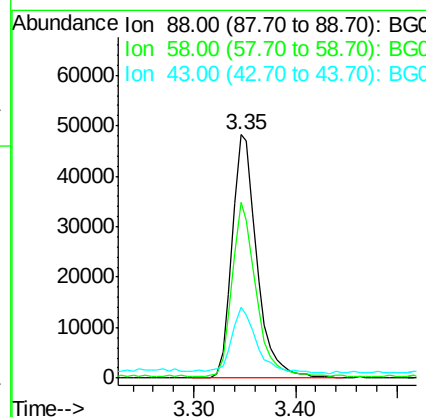
RT: 3.35 min Scan# 44

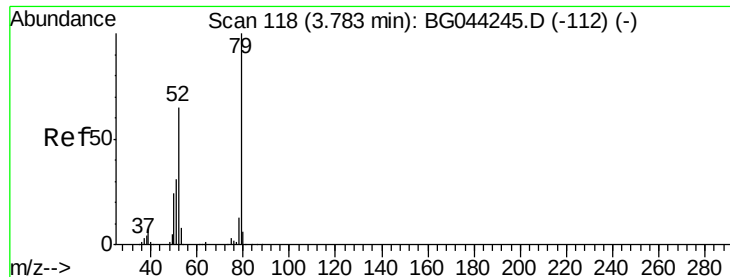
Delta R.T. -0.02 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Tgt Ion:	88	Resp:	82079
Ion Ratio	Lower	Upper	
88	100		
58	68.6	55.8	83.6
43	26.7	21.6	32.4





#3

Pyridine

Concen: 39.15 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.02 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

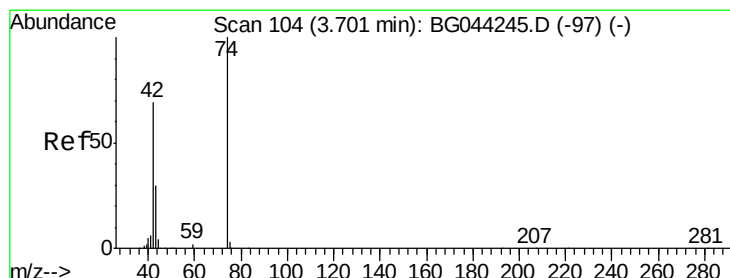
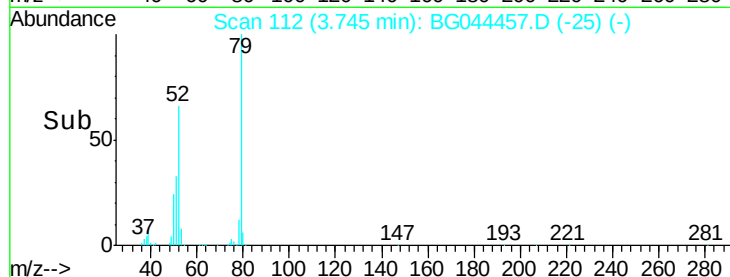
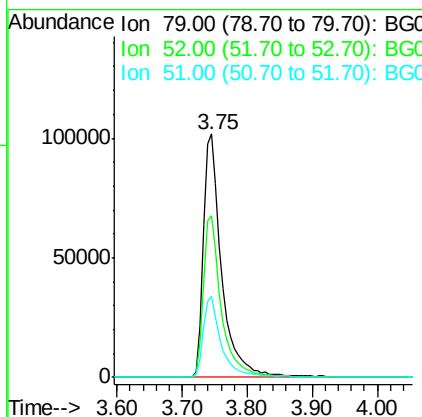
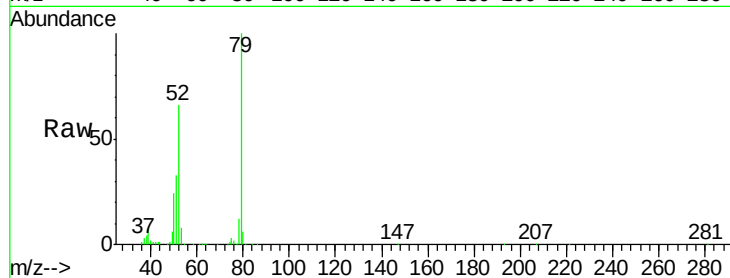
ClientSampleId :

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Tgt Ion:	79	Resp:	197338
Ion	Ratio	Lower	Upper
79	100		
52	66.4	51.9	77.9
51	33.1	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 46.08 ng

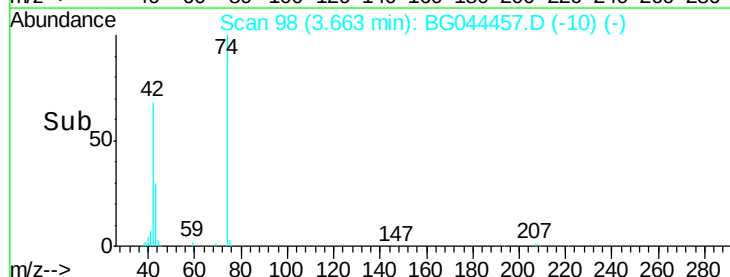
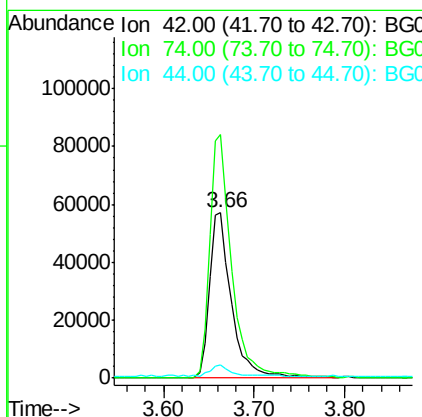
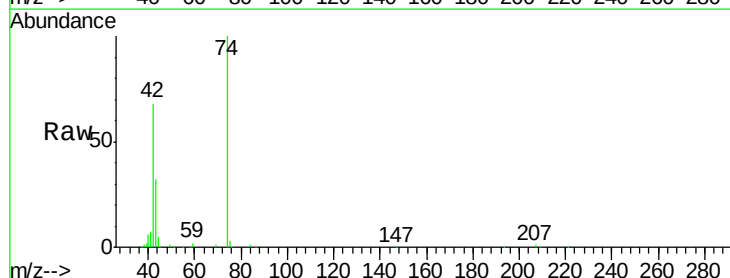
RT: 3.66 min Scan# 98

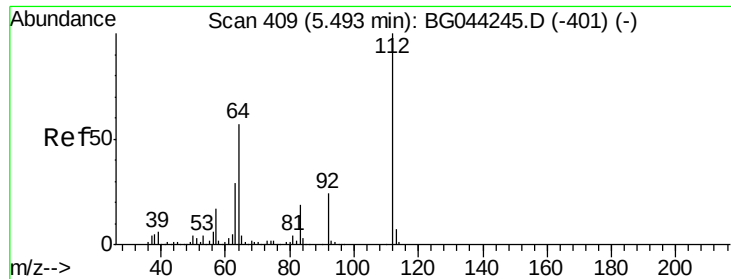
Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Tgt Ion:	42	Resp:	97076
Ion	Ratio	Lower	Upper
42	100		
74	147.2	115.1	172.7
44	7.6	5.6	8.4





#5

2-Fluorophenol

Concen: 117.55 ng

RT: 5.47 min Scan# 406

Delta R.T. -0.01 min

Lab File: BG044457.D

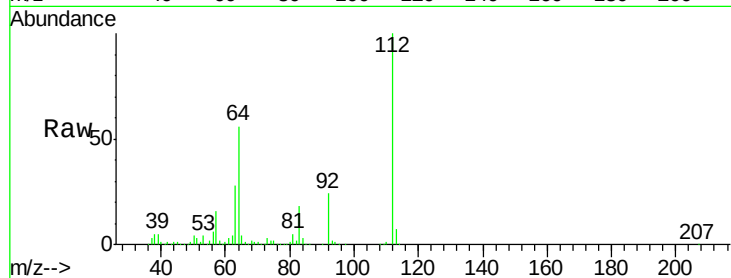
Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampleId :

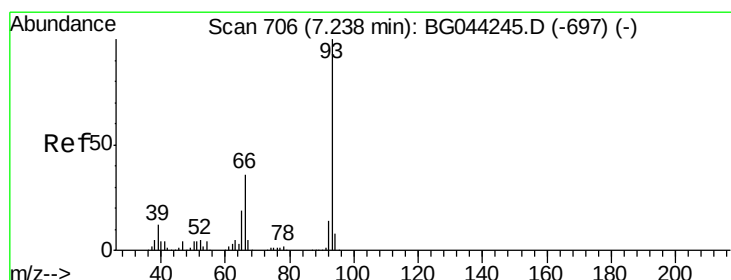
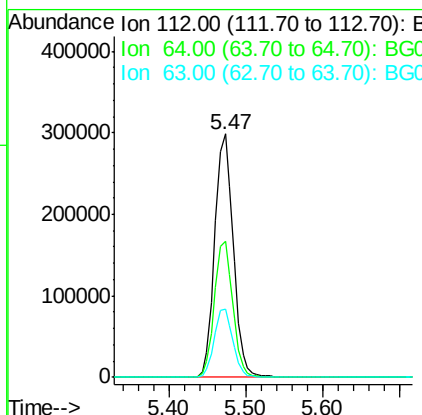
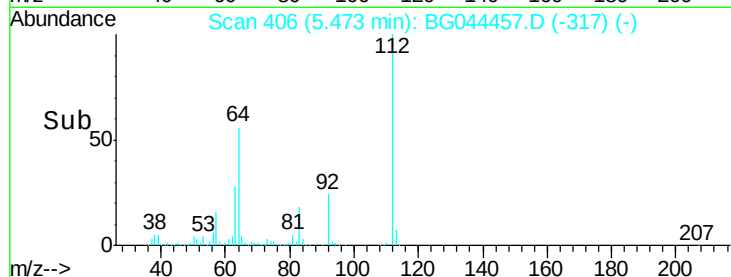
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	495040		
64	56.1	45.4	68.2	
63	28.1	22.9	34.3	

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#6

Aniline

Concen: 25.14 ng

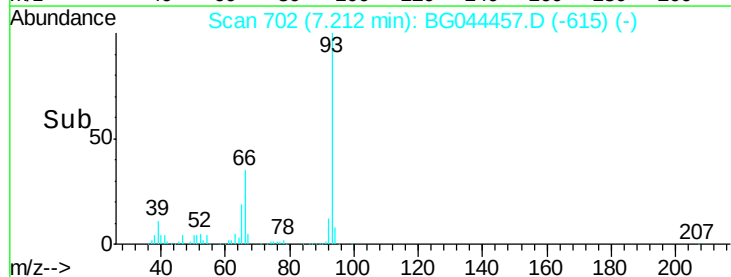
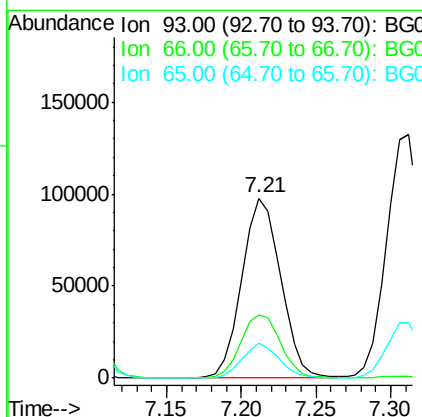
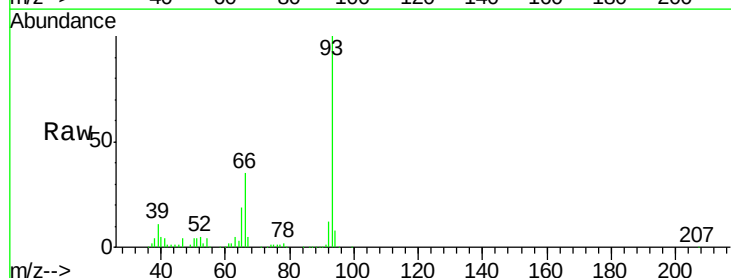
RT: 7.21 min Scan# 702

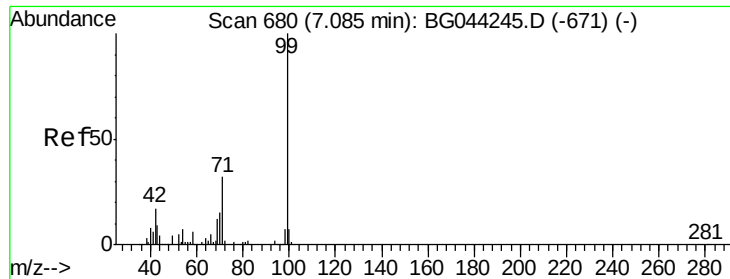
Delta R.T. -0.02 min

Lab File: BG044457.D

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	176485		
66	35.4	28.7	43.1	
65	19.5	15.4	23.0	





#7

Phenol-d6

Concen: 115.05 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

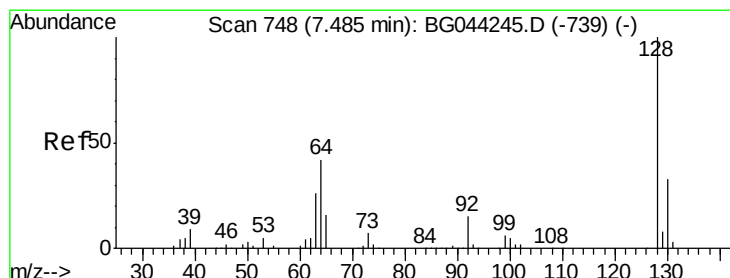
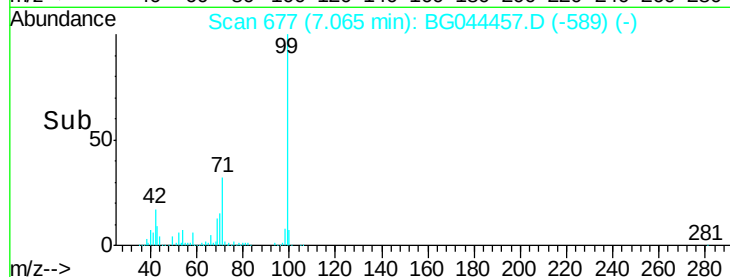
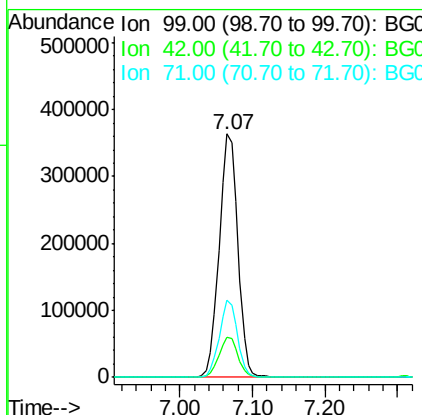
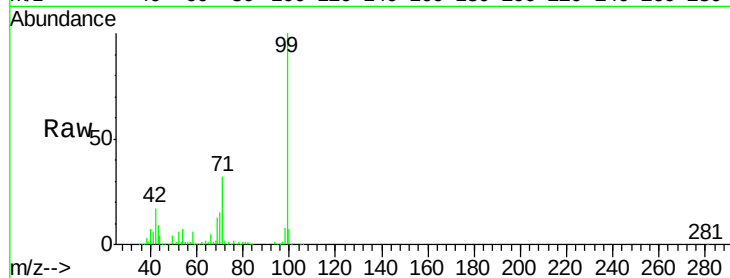
ClientSampleId :

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Tgt Ion:	99	Resp:	650626
Ion Ratio	Lower	Upper	
99	100		
42	16.7	13.8	20.6
71	31.7	25.5	38.3

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#8

2-Chlorophenol

Concen: 52.64 ng

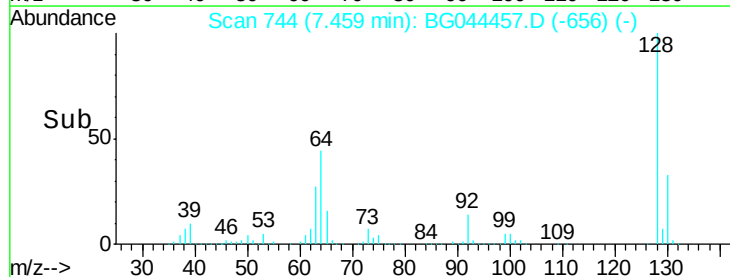
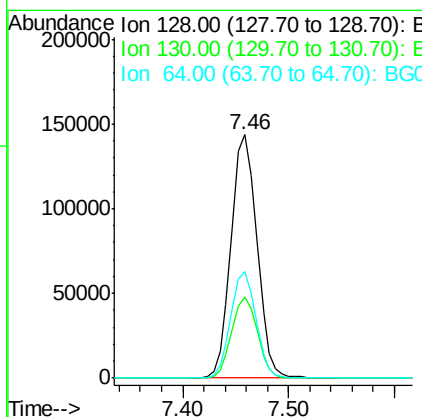
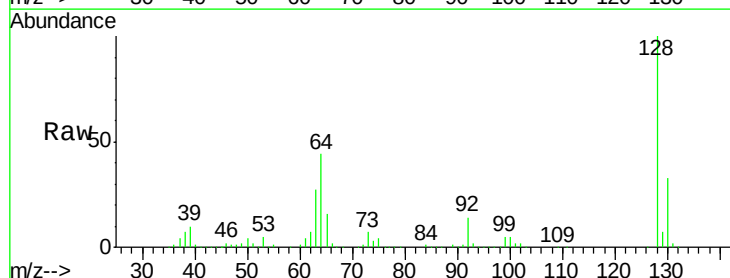
RT: 7.46 min Scan# 744

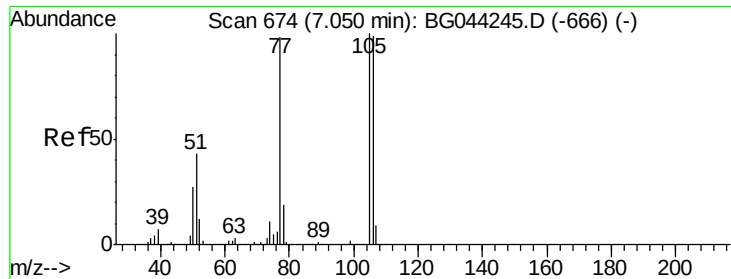
Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Tgt Ion:	128	Resp:	243612
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.5	52.5
64	44.0	24.2	64.2





#9

Benzaldehyde

Concen: 30.96 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044457.D

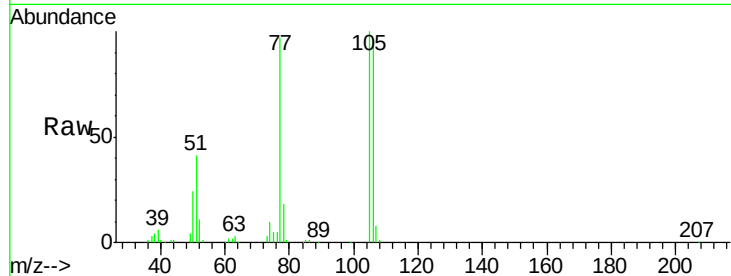
Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

ClientSampleId :

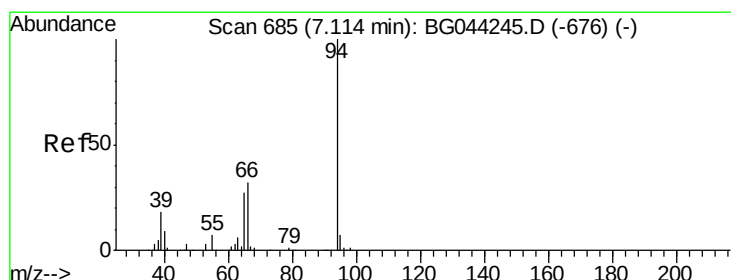
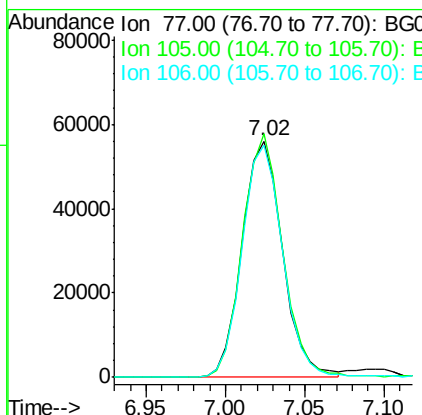
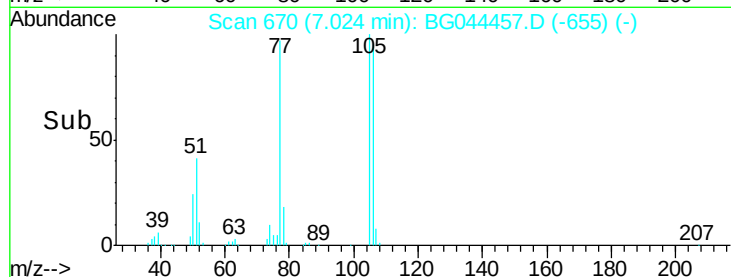
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Tgt Ion:	77	Resp:	99721
Ion	Ratio	Lower	Upper
77	100		
105	103.2	82.0	122.0
106	98.2	80.7	120.7

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#10

Phenol

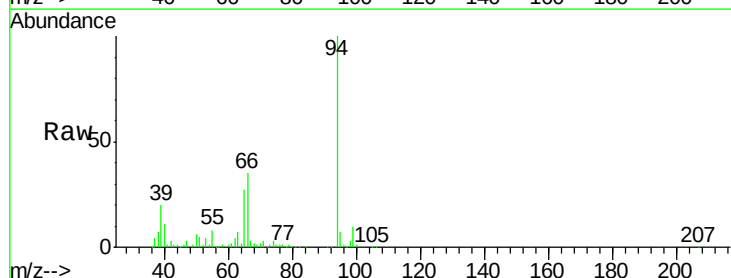
Concen: 52.37 ng

RT: 7.09 min Scan# 682

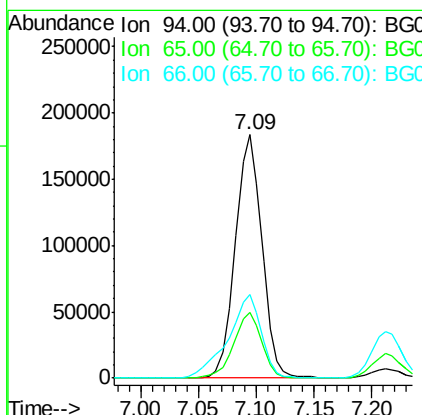
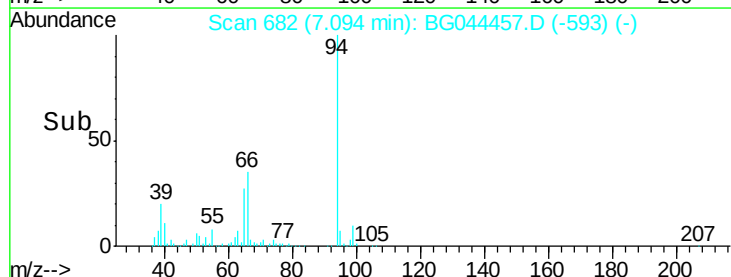
Delta R.T. -0.01 min

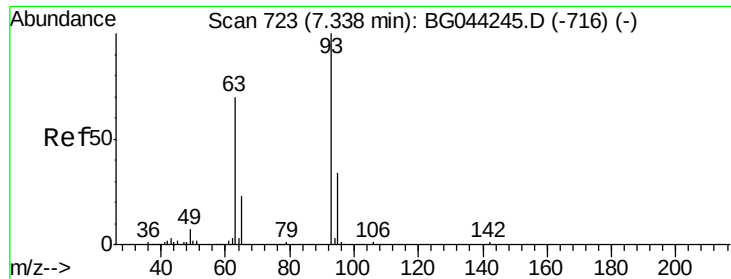
Lab File: BG044457.D

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Tgt Ion:	94	Resp:	293113
Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.0	47.0
66	34.5	12.7	52.7





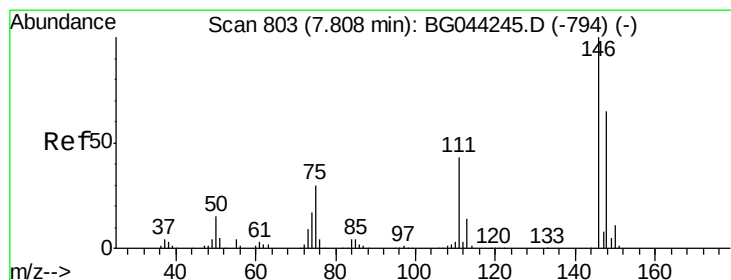
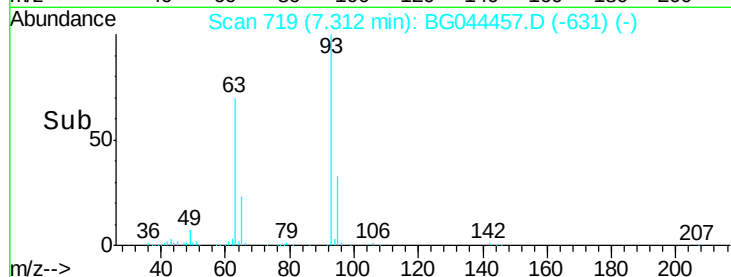
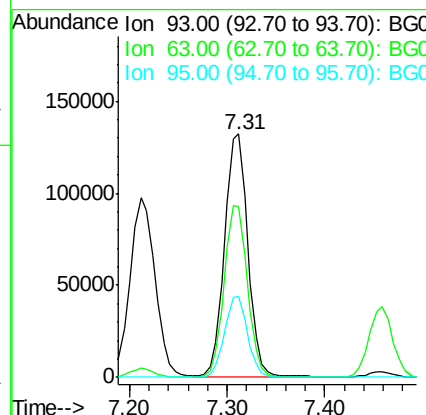
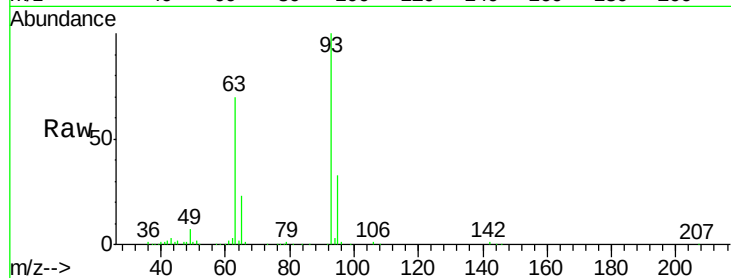
#11
bis(2-Chloroethyl)ether
Concen: 46.07 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-01-CMSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	220449		
63	70.2	49.2	89.2	
95	33.2	13.6	53.6	

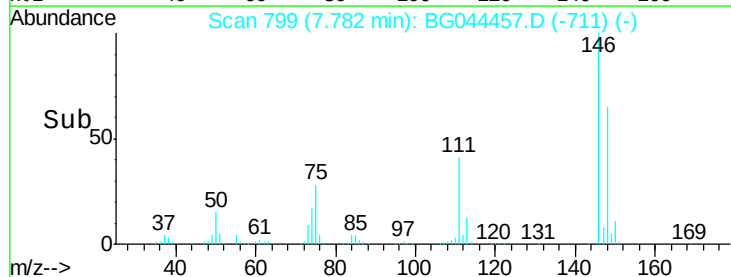
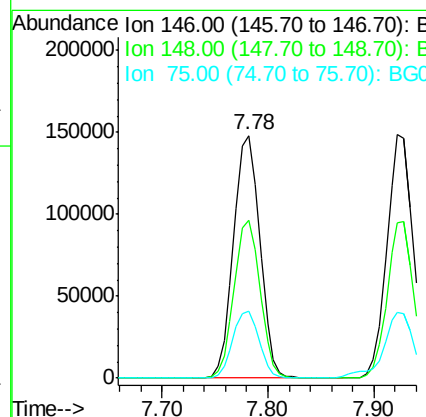
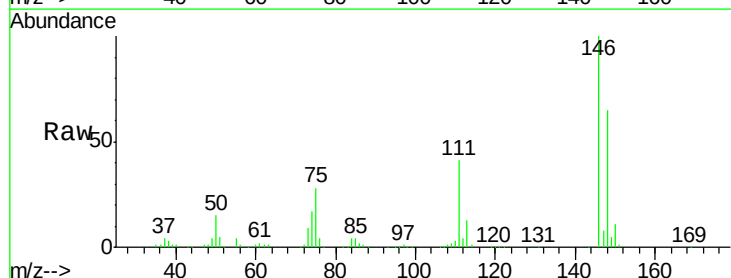
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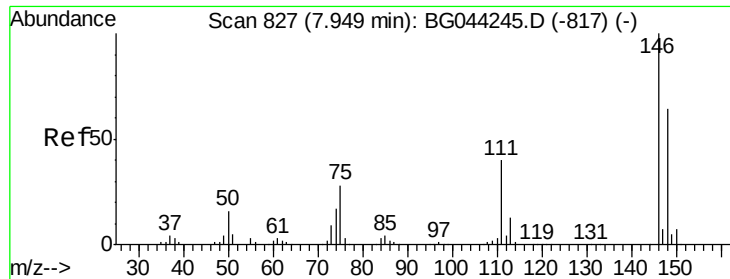
mohammad
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#12
1,3-Dichlorobenzene
Concen: 46.15 ng
RT: 7.78 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	255045		
148	65.3	51.8	77.8	
75	27.7	23.7	35.5	





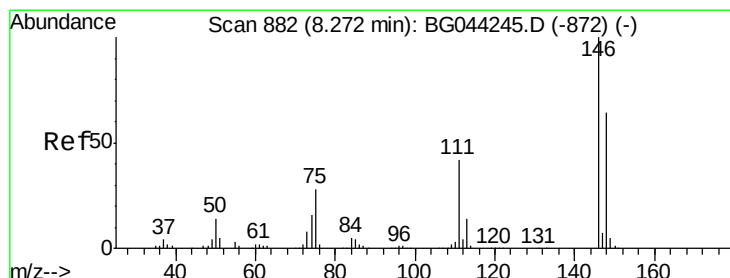
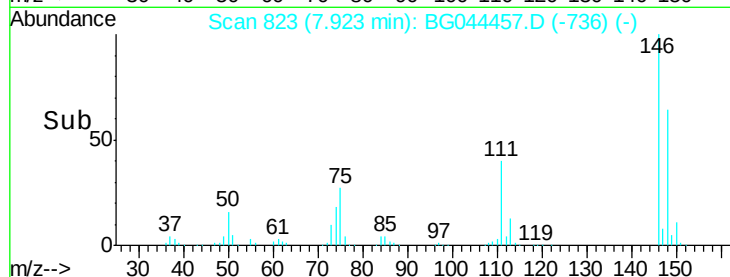
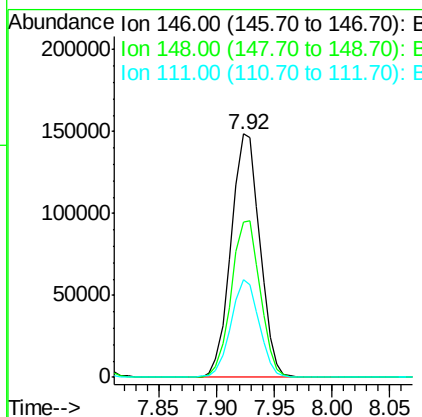
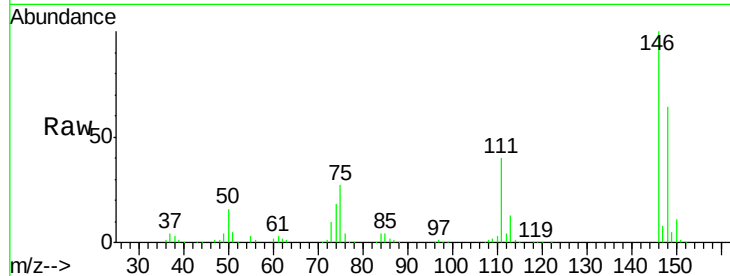
#13
 1,4-Dichlorobenzene
 Concen: 46.96 ng
 RT: 7.92 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-01-CMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.0
111	40.3	31.8	47.8

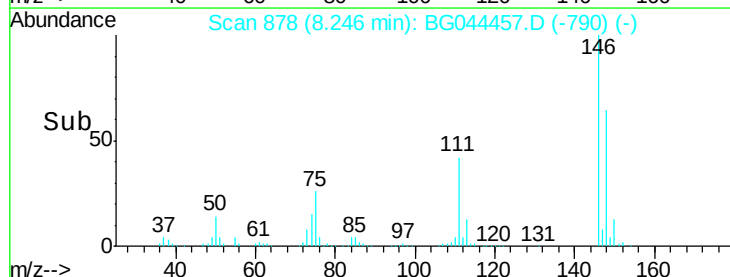
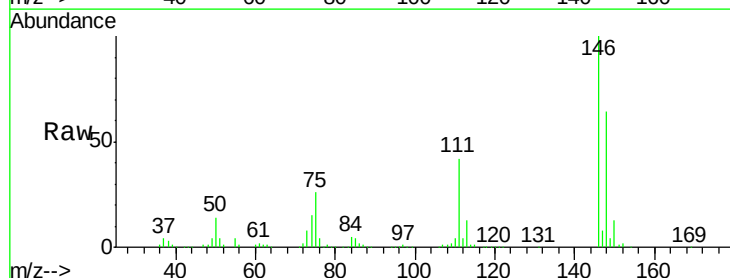
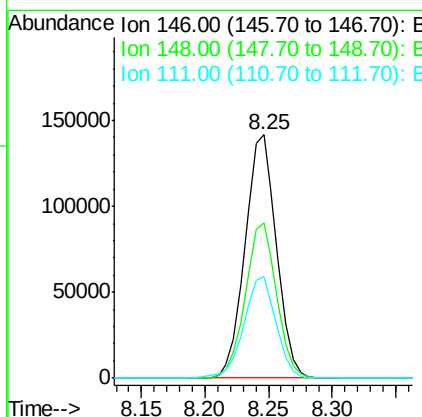
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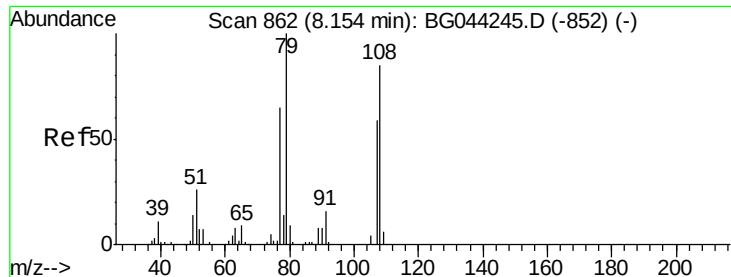
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 47.03 ng
 RT: 8.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.2	76.8
111	41.5	34.0	51.0





#15

Benzyl Alcohol

Concen: 48.76 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

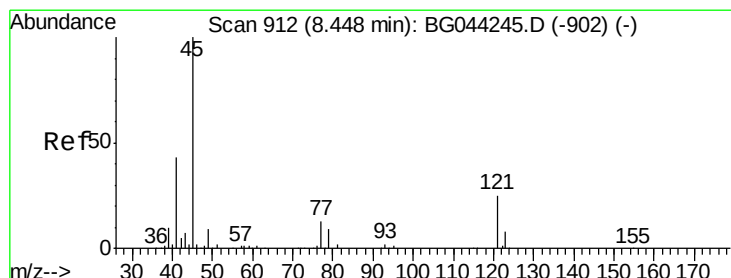
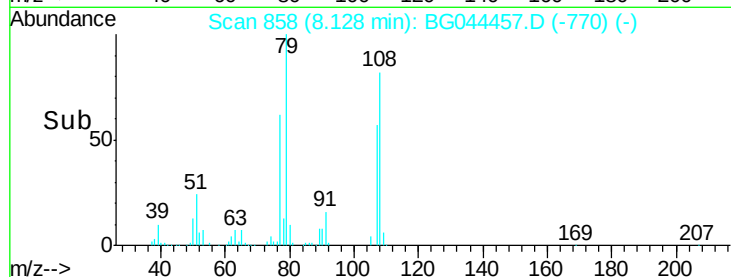
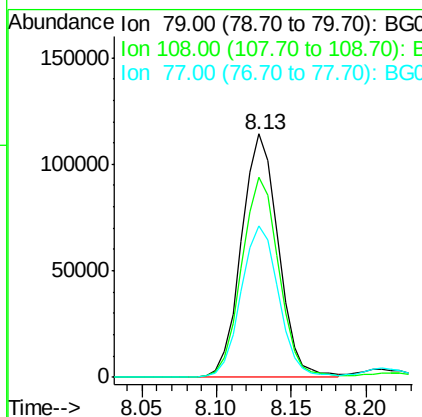
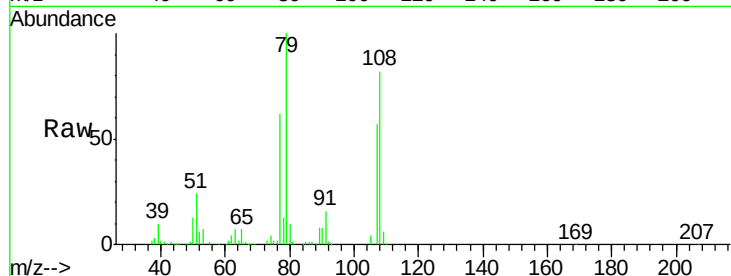
ClientSampleId :

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Tgt Ion:	79	Resp:	195227
Ion Ratio	Lower	Upper	
79	100		
108	82.3	68.3	102.5
77	62.0	51.8	77.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.64 ng

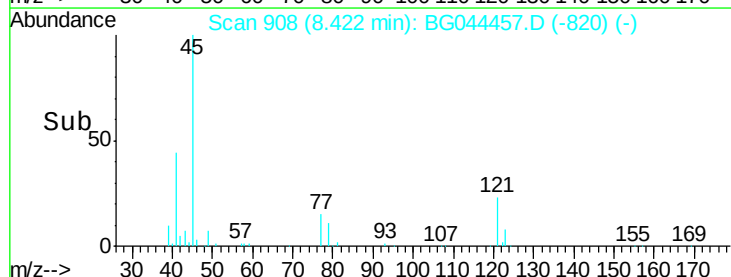
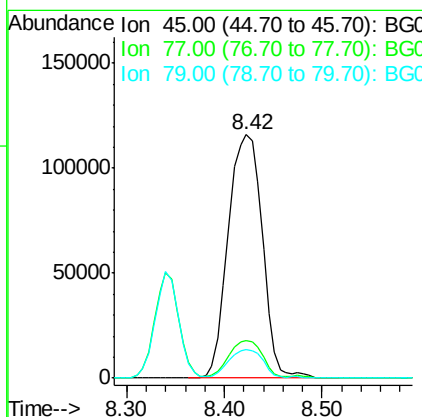
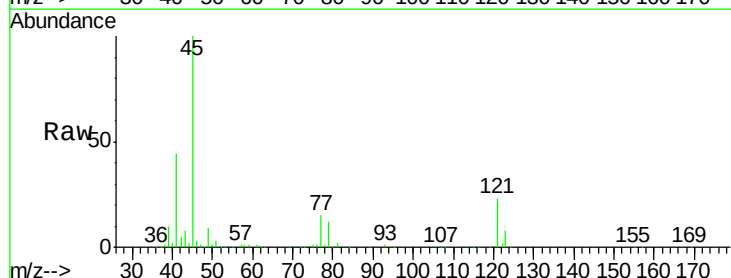
RT: 8.42 min Scan# 908

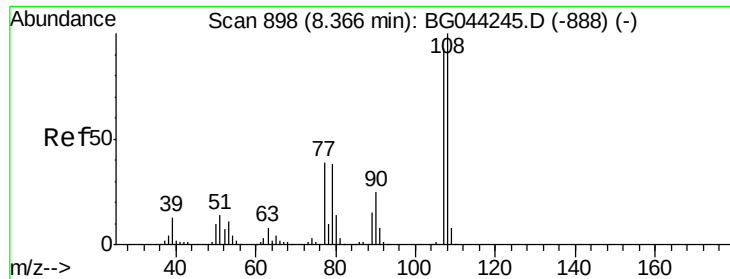
Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Tgt Ion:	45	Resp:	282617
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	35.2
79	11.8	0.0	31.1





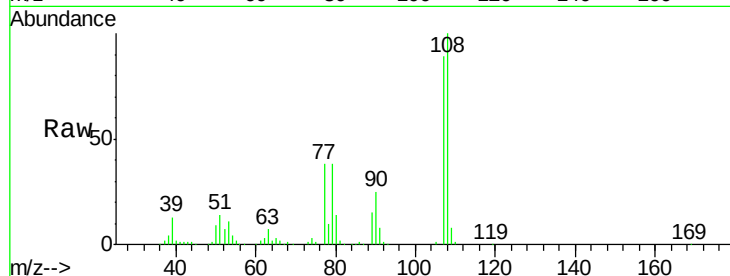
#17
2-Methylphenol
Concen: 51.55 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-01-CMSD

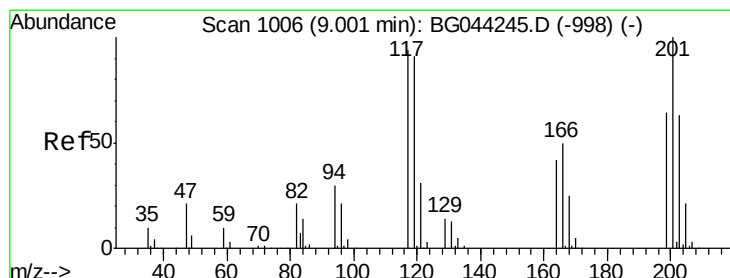
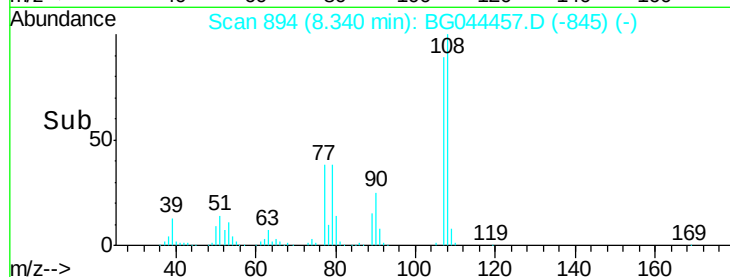
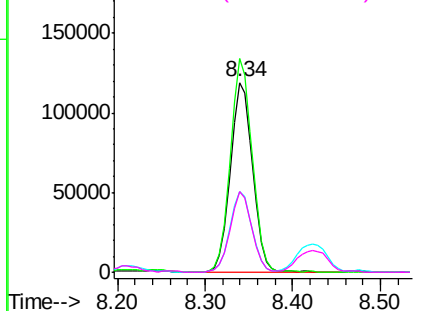
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	86.4	129.6	
77	42.4	34.0	51.0	
79	42.9	32.9	49.3	

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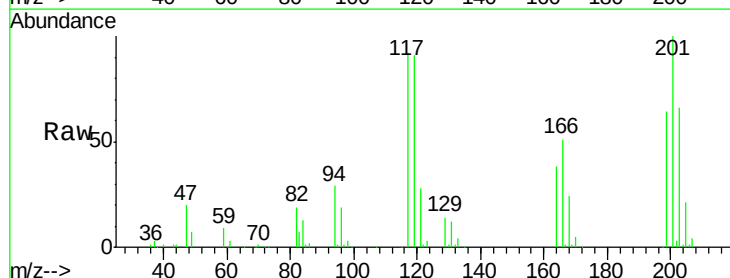


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

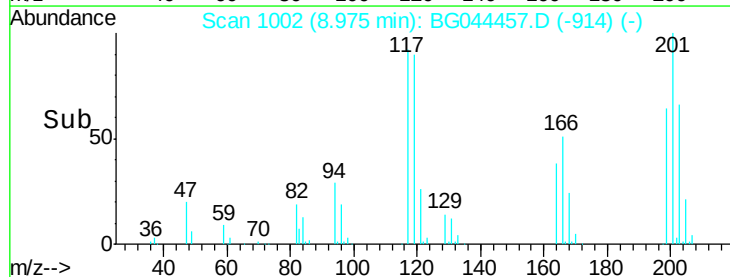
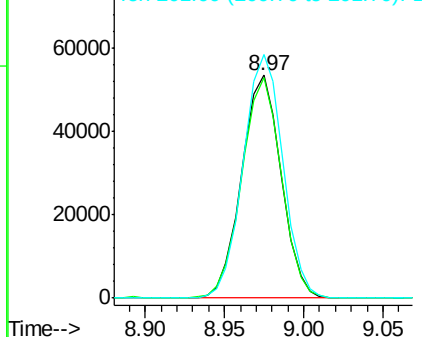


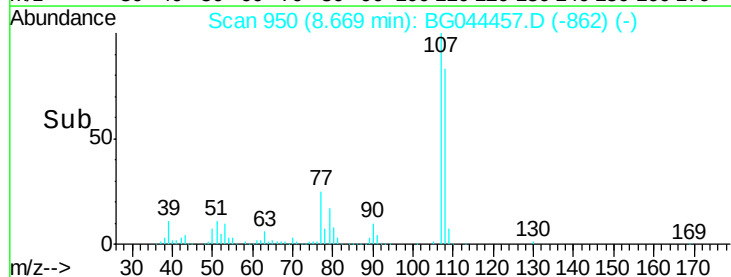
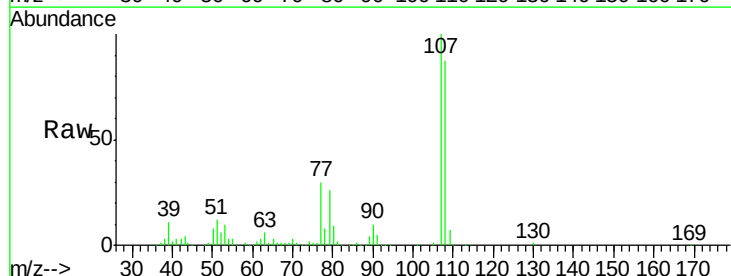
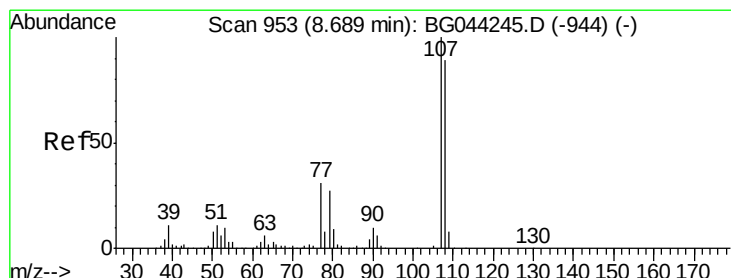
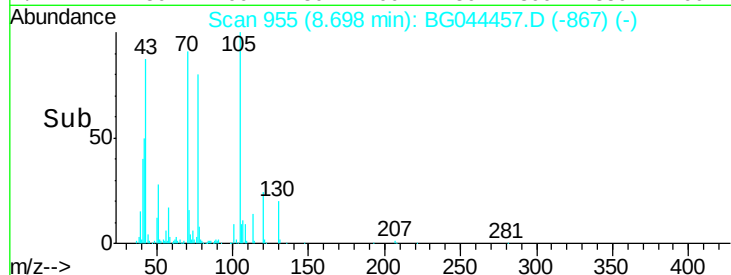
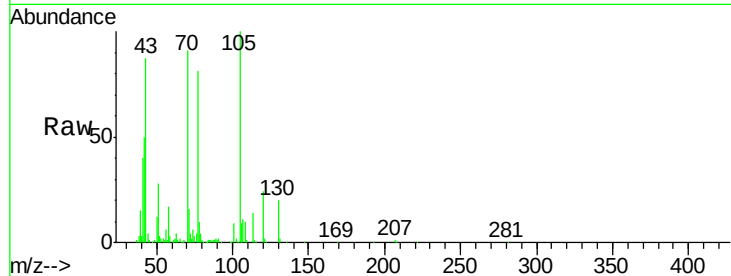
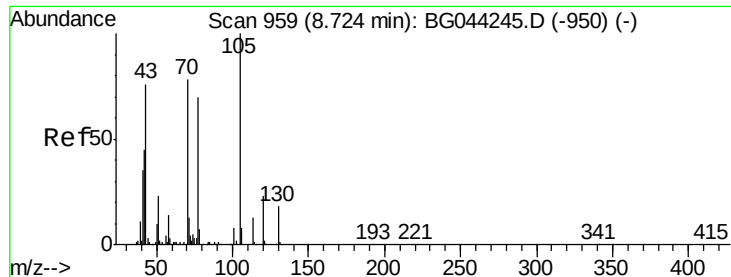
#18
Hexachloroethane
Concen: 45.11 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.0	77.5	116.3	
201	109.2	84.9	127.3	



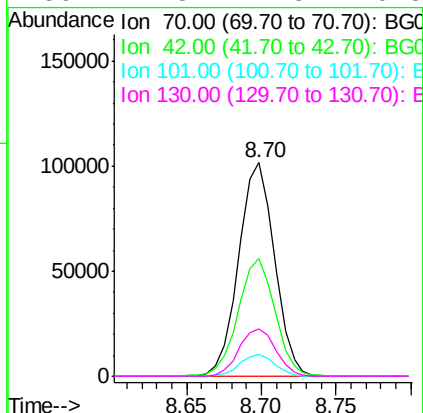
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 45.05 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.3	46.2	69.2
101	10.1	8.4	12.6
130	22.3	17.8	26.8



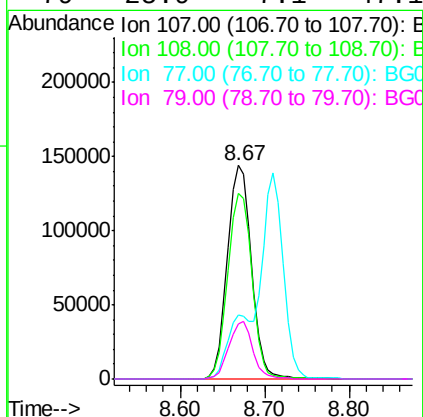
Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-01-CMSD

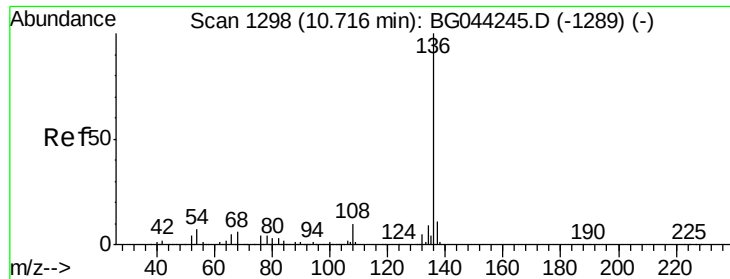
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#20
3+4-Methylphenols
Concen: 51.30 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	68.5	108.5
77	29.7	10.9	50.9
79	25.9	7.1	47.1





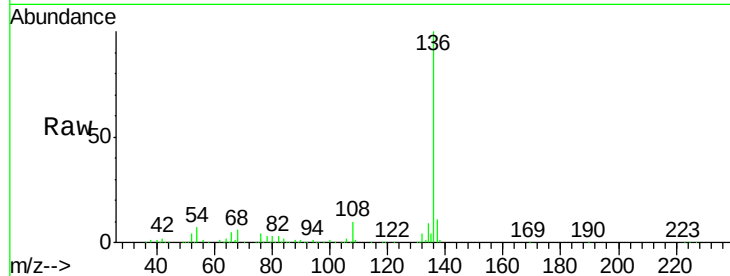
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-01-CMSD

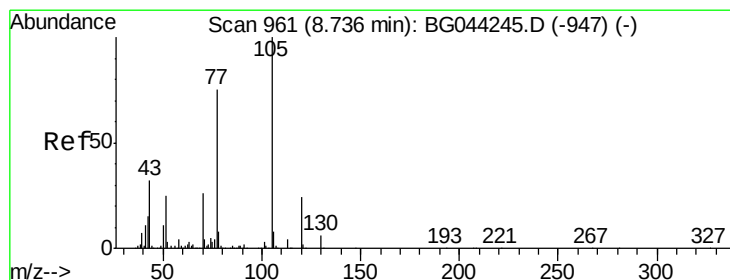
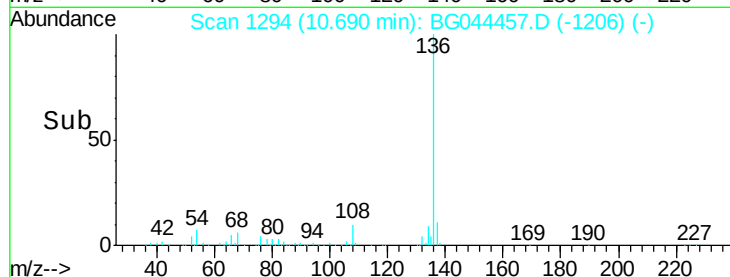
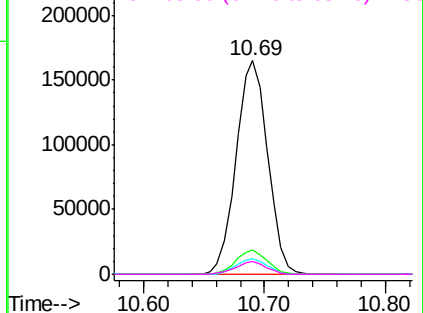
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	300159		
137	11.2		8.8	13.2
54	7.3		5.8	8.8
68	5.8		4.6	6.8

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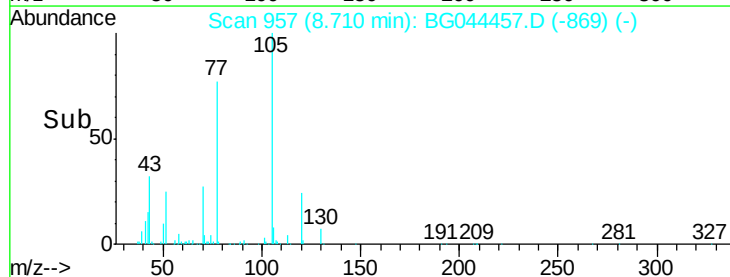
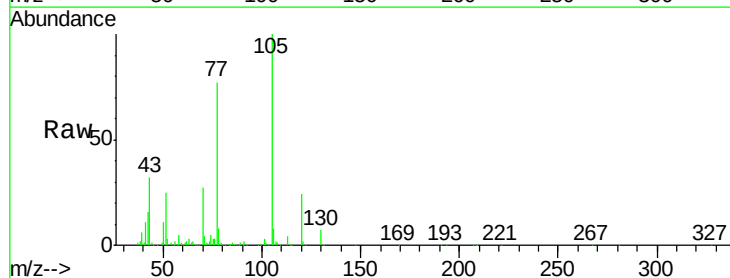
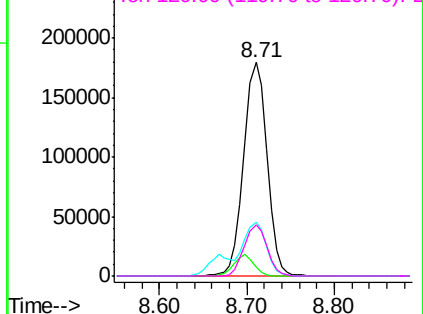
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

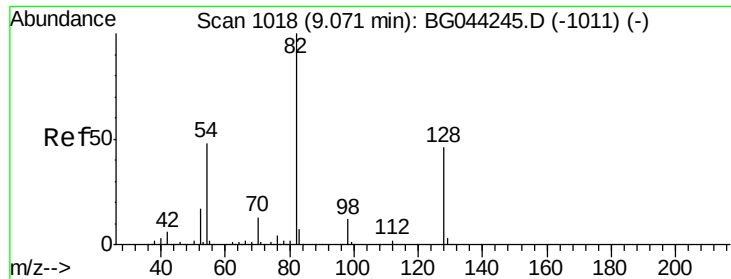


#22
Acetophenone
Concen: 44.20 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	322750		
71	4.3		3.4	5.0
51	25.1		20.2	30.4
120	24.1		19.1	28.7

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





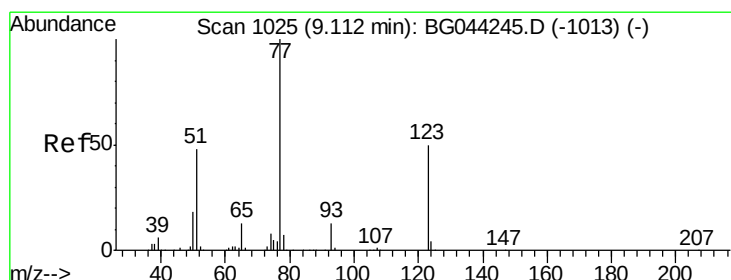
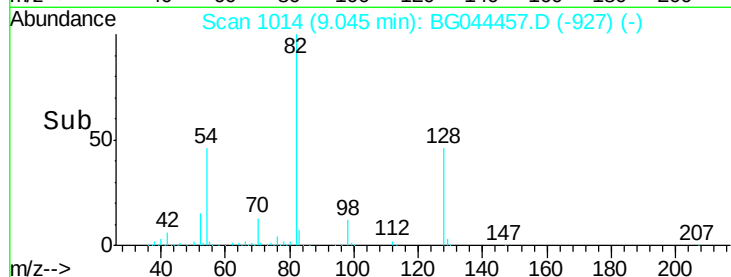
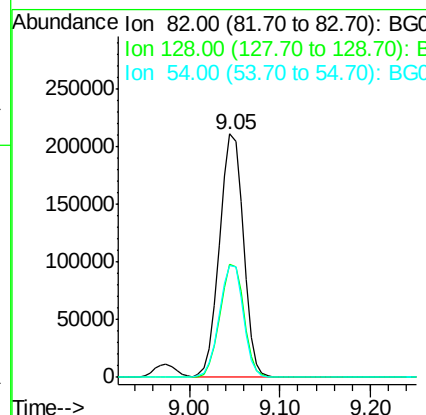
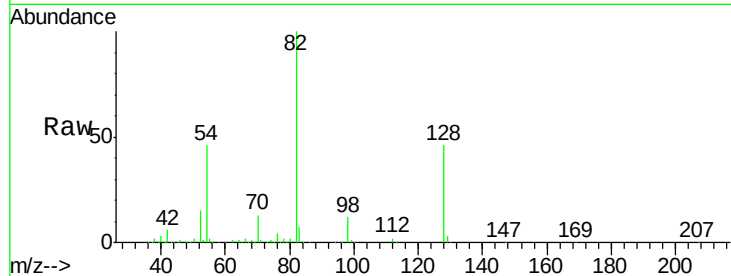
#23
 Nitrobenzene-d5
 Concen: 72.61 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-01-CMSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	386017		
128	46.4	36.5	54.7	
54	45.8	38.6	58.0	

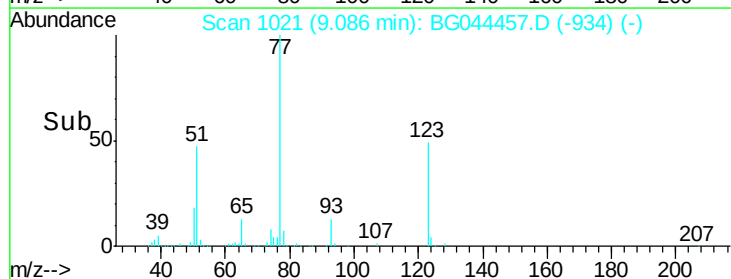
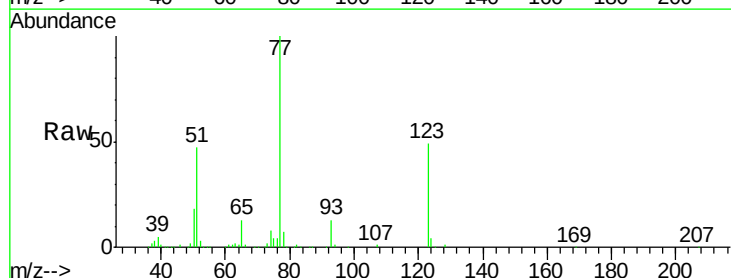
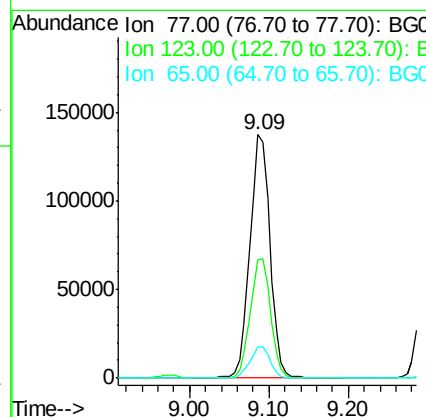
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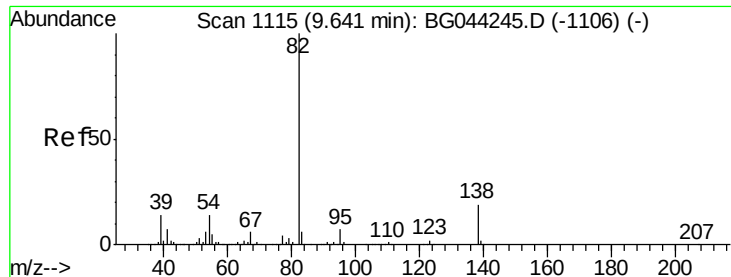
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#24
 Nitrobenzene
 Concen: 46.75 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	242653		
123	48.7	39.9	59.9	
65	12.6	10.4	15.6	





#25

Isophorone

Concen: 47.39 ng

RT: 9.61 min Scan# 1111

Delta R.T. -0.02 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

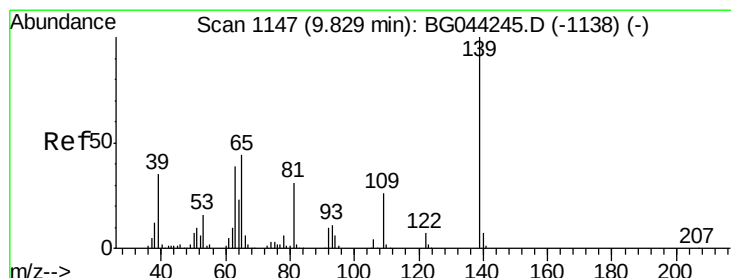
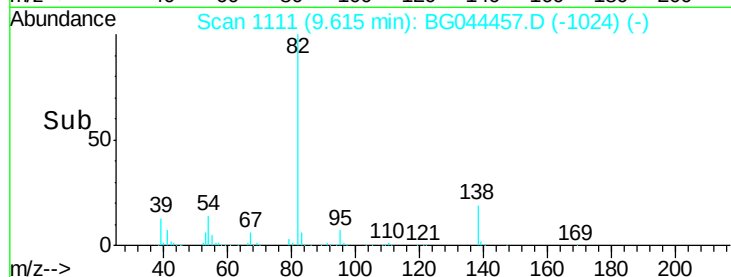
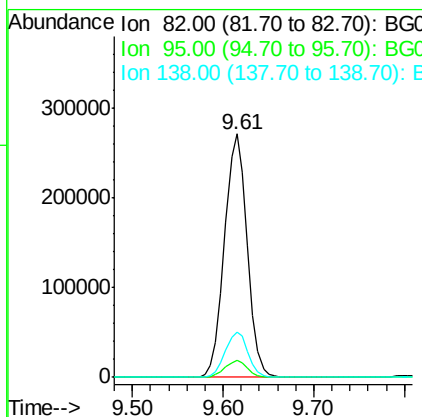
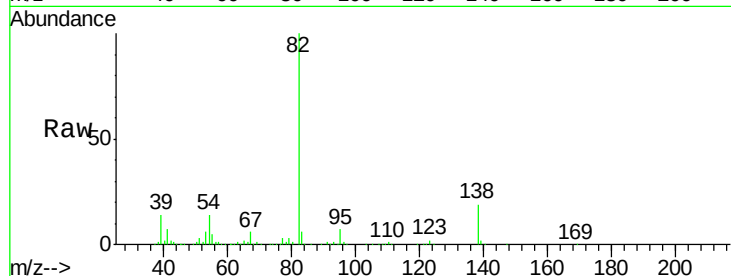
ClientSampleId :

MARCY-GREEN-BH-01-CMSD

Tgt Ion:	82	Resp:	469591
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.7	8.5
138	18.7	15.0	22.4

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#26

2-Nitrophenol

Concen: 51.35 ng

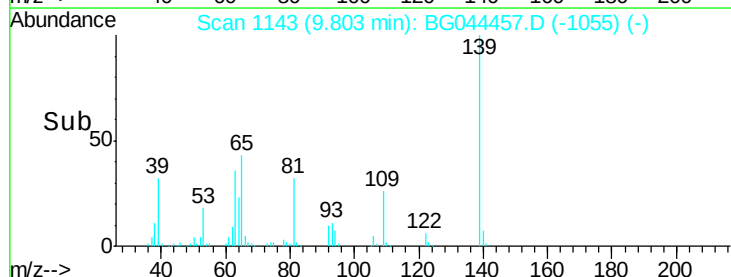
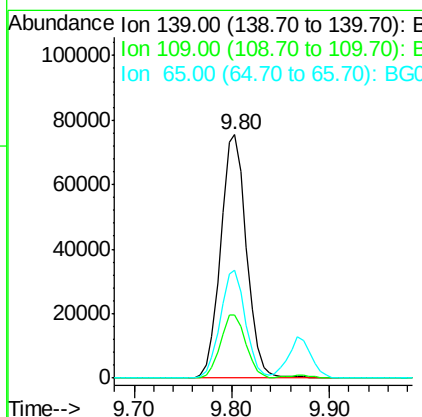
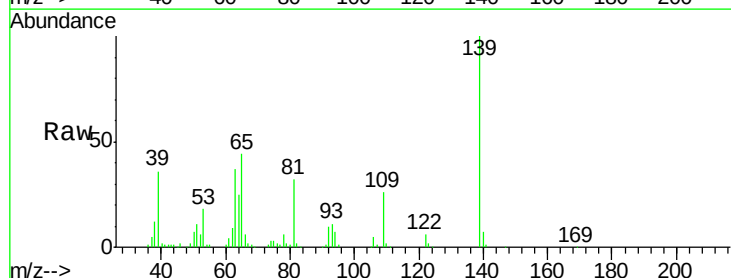
RT: 9.80 min Scan# 1143

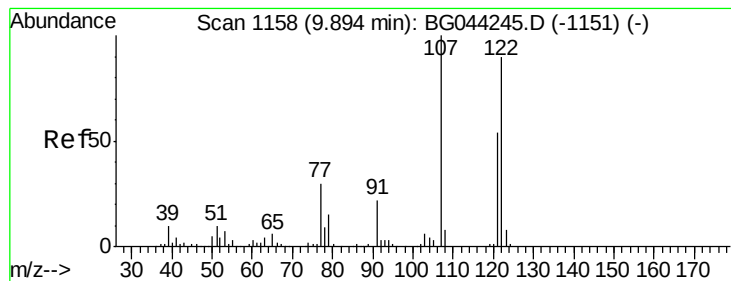
Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Tgt Ion:	139	Resp:	138309
Ion Ratio	Lower	Upper	
139	100		
109	26.0	21.0	31.4
65	44.1	35.0	52.4





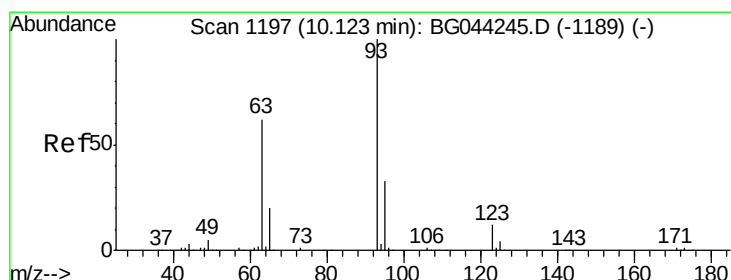
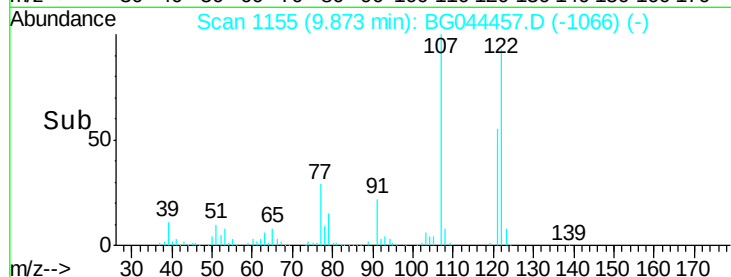
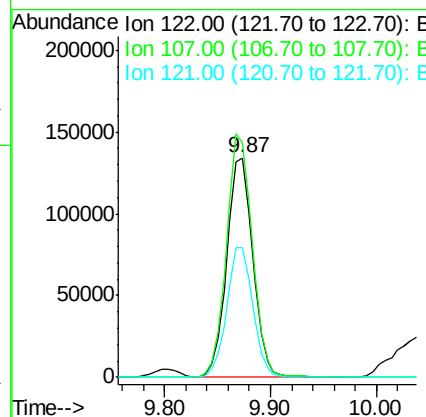
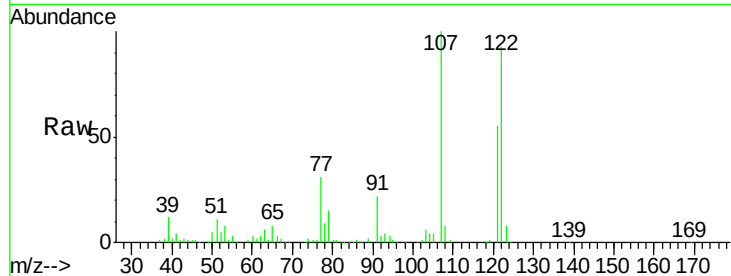
#27
 2,4-Dimethylphenol
 Concen: 60.16 ng
 RT: 9.87 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-01-CMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	228711		
107	107.0	88.8	133.2	
121	59.3	48.3	72.5	

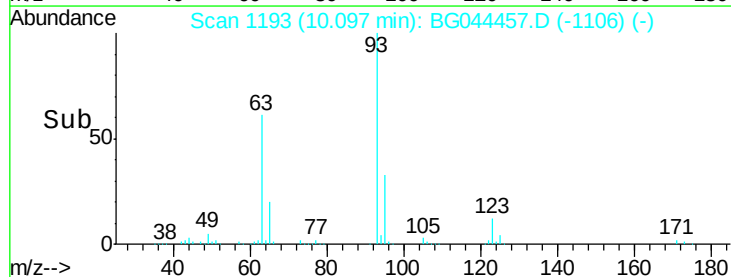
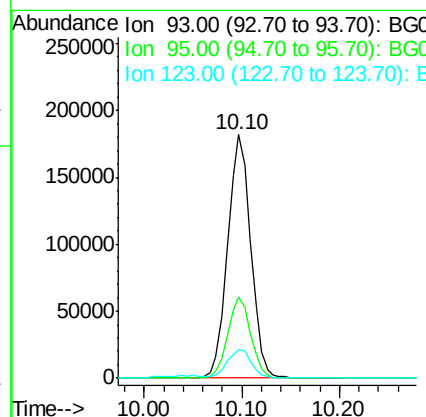
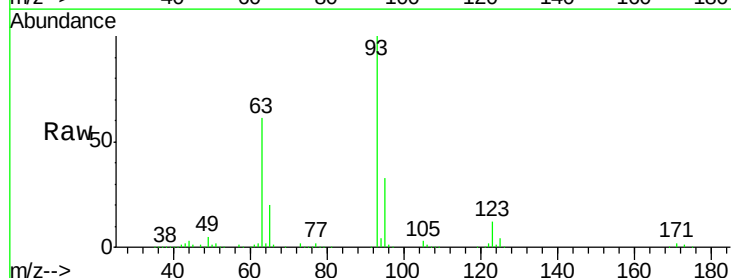
Manual Integrations
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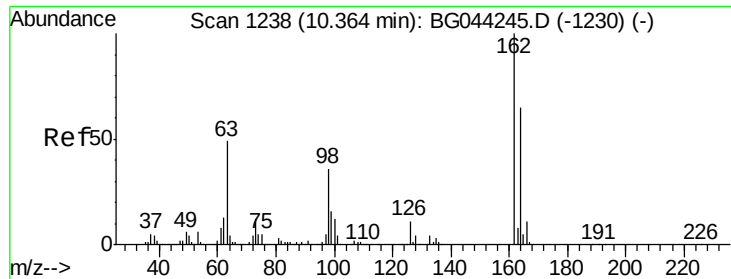
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.83 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	296330		
95	33.1	26.6	40.0	
123	12.0	10.0	15.0	





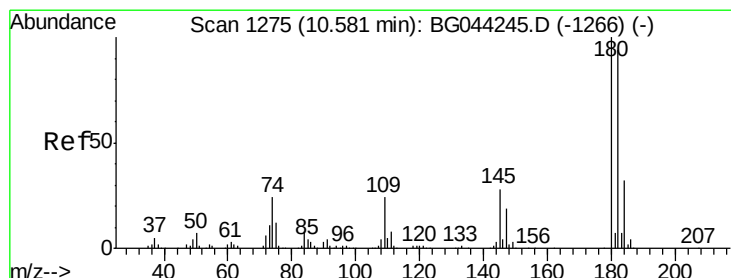
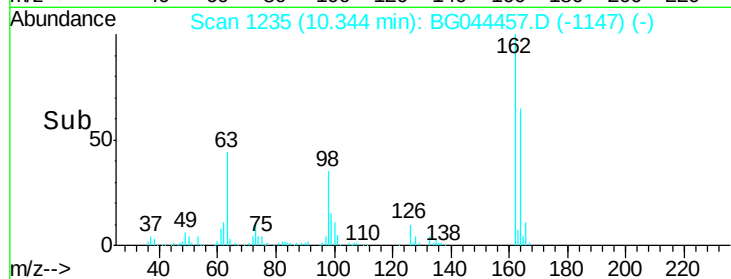
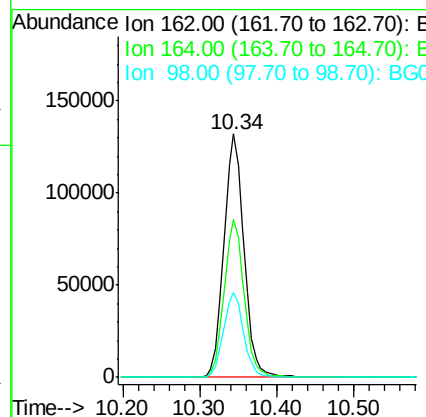
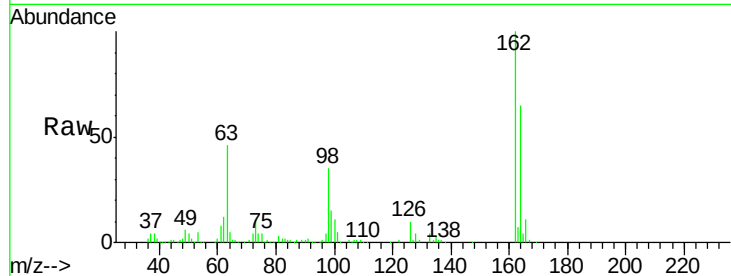
#29
2,4-Dichlorophenol
Concen: 51.87 ng
RT: 10.34 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-01-CMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.6	44.7	84.7
98	34.9	15.8	55.8

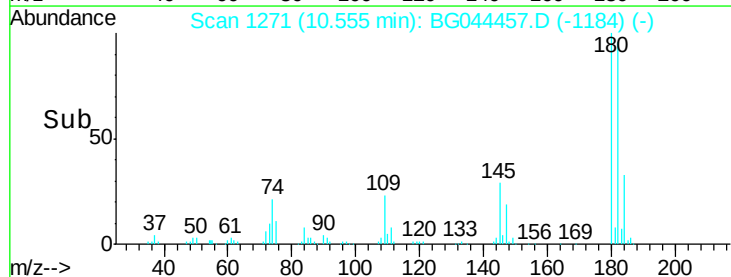
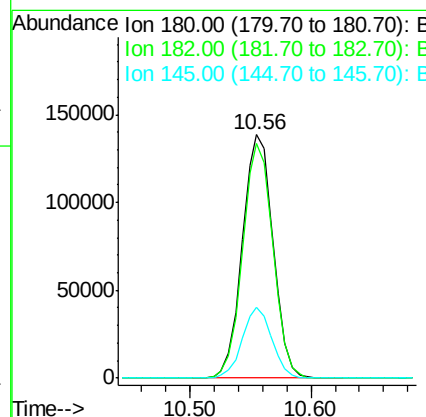
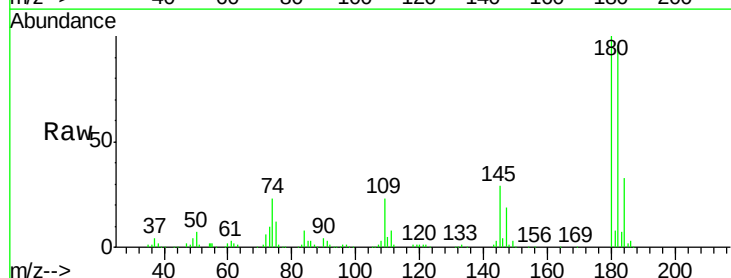
Manual Integrations
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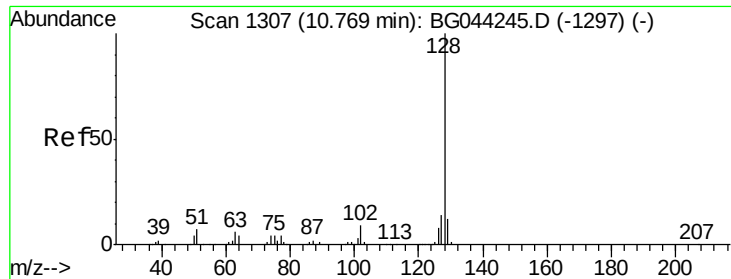
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 46.48 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.5	75.5	113.3
145	28.9	22.6	34.0





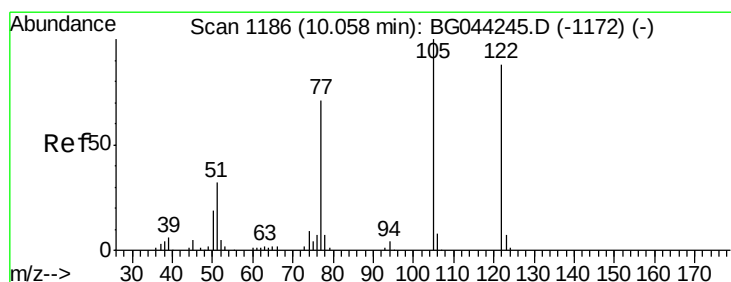
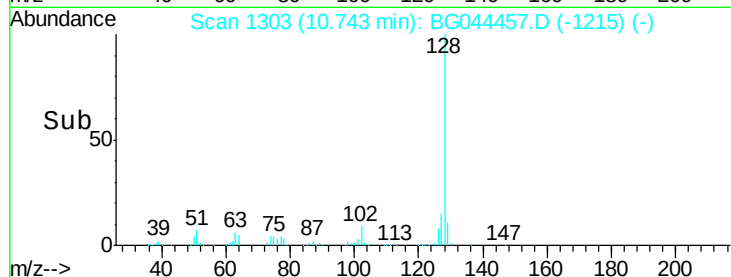
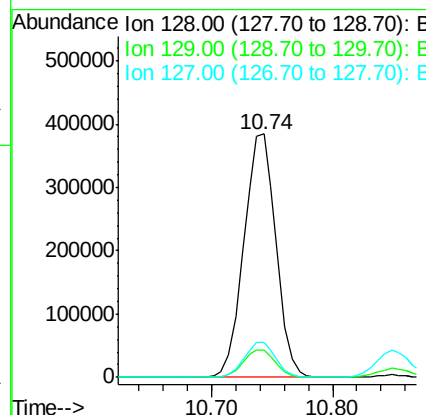
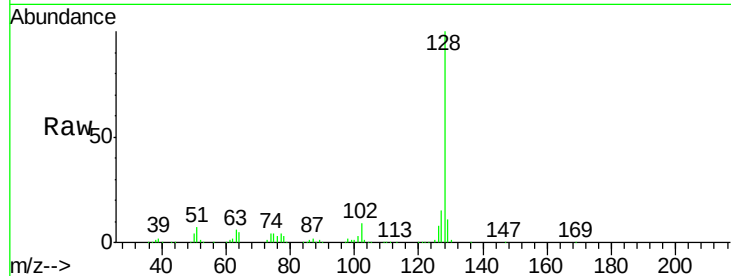
#31
Naphthalene
Concen: 48.63 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-01-CMSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	14.5	11.6	17.4

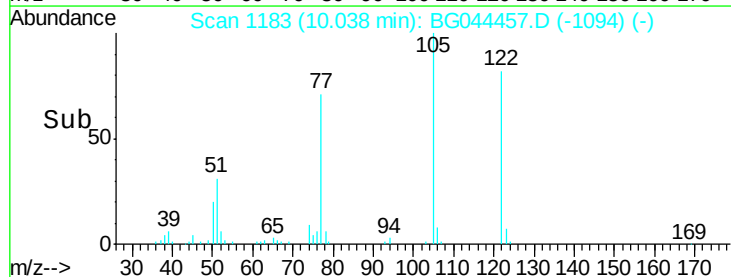
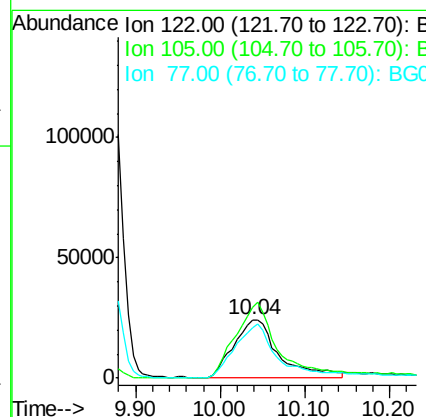
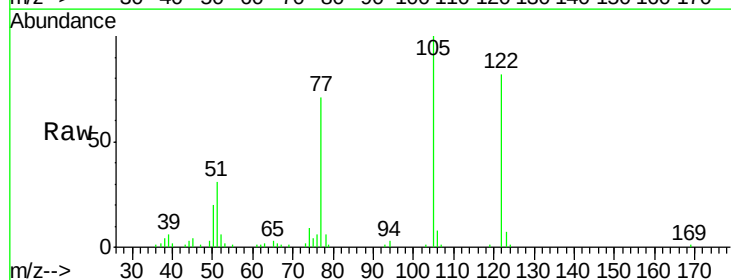
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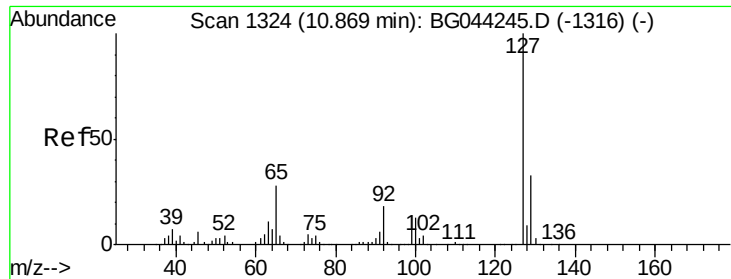
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#32
Benzoic acid
Concen: 39.10 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.5	93.5	133.5
77	86.7	61.0	101.0





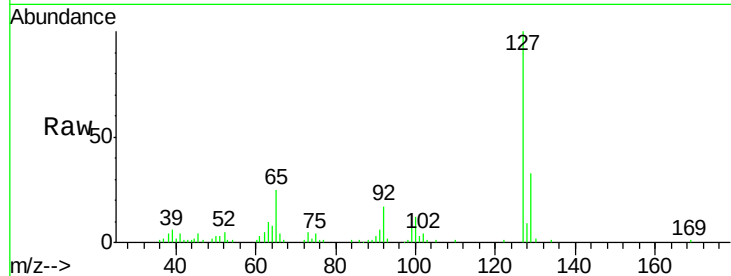
#33
4-Chloroaniline
Concen: 13.33 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-01-CMSD

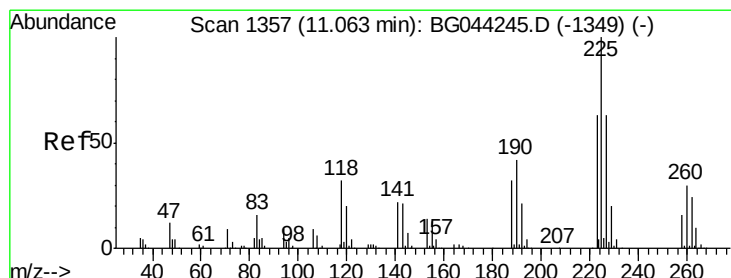
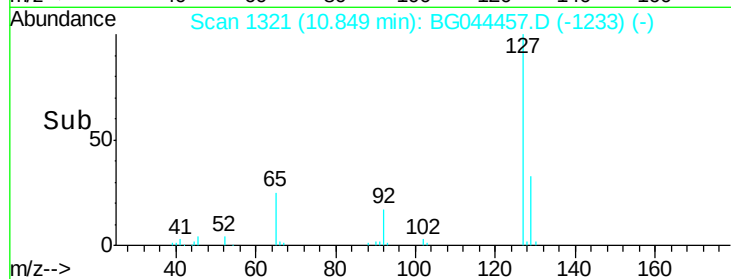
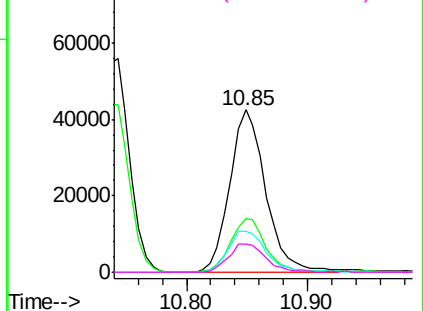
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	88298		
129	32.9	26.6	40.0	
65	25.4	22.5	33.7	
92	17.1	14.1	21.1	

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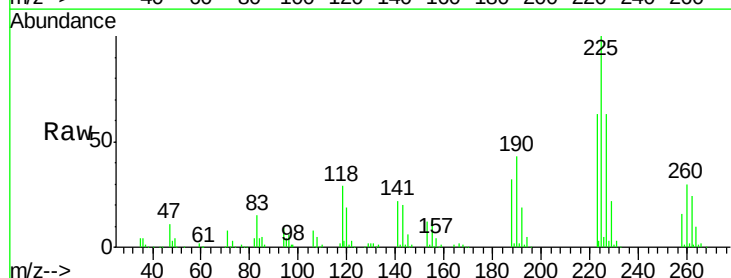


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

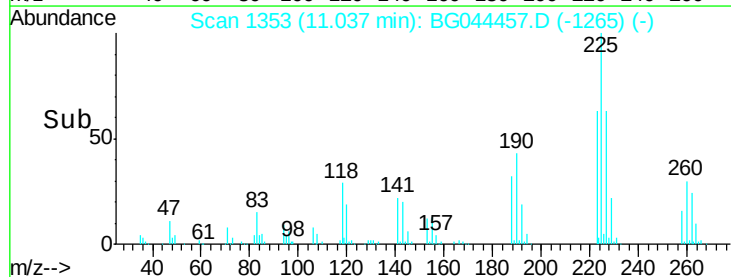
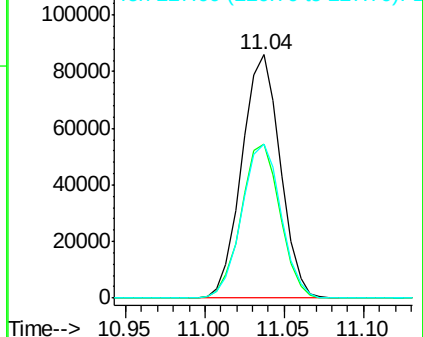


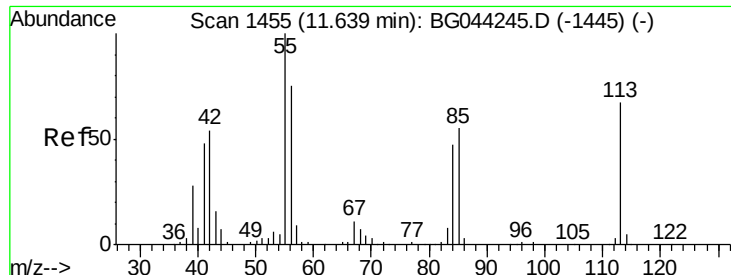
#34
Hexachlorobutadiene
Concen: 44.70 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144991		
223	63.1	50.2	75.4	
227	63.4	50.8	76.2	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





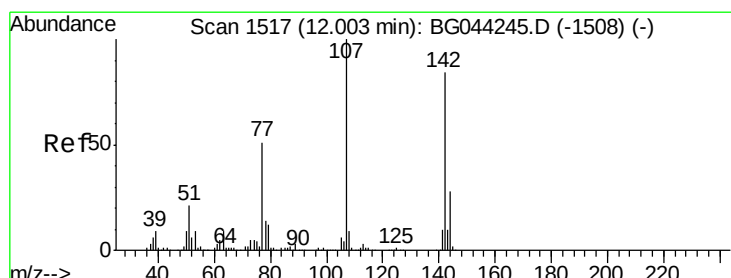
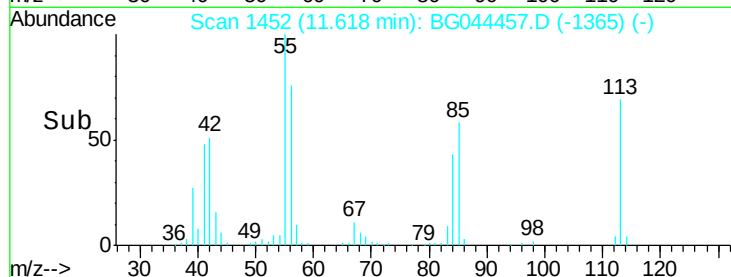
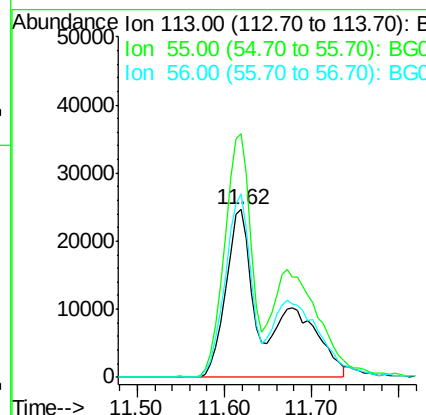
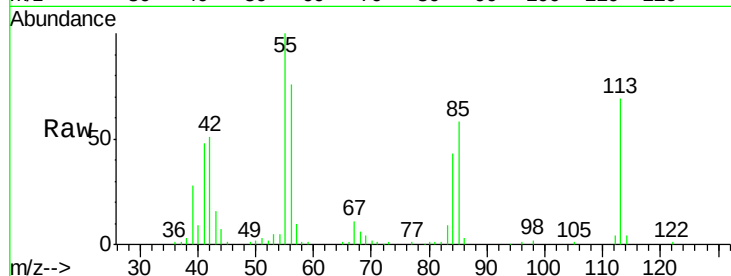
#35
 Caprolactam
 Concen: 50.82 ng m
 RT: 11.62 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-01-CMSD

Tgt Ion:113 Resp: 85581
 Ion Ratio Lower Upper
 113 100
 55 145.0 129.9 169.9
 56 109.5 92.5 132.5

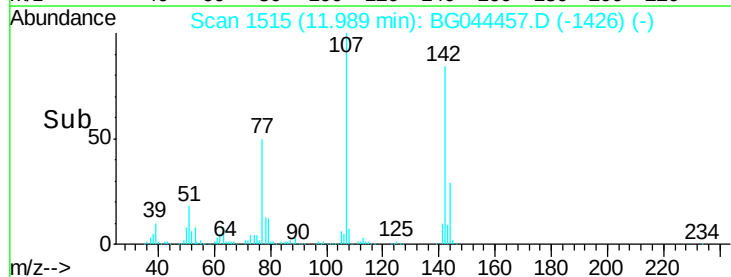
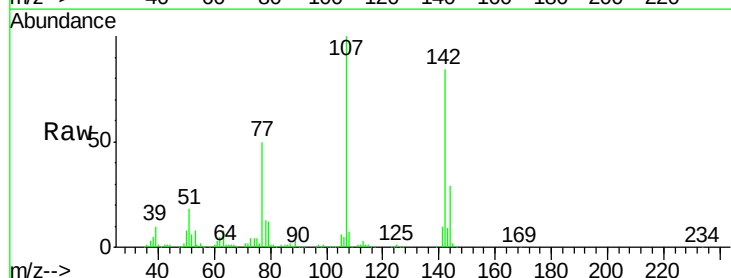
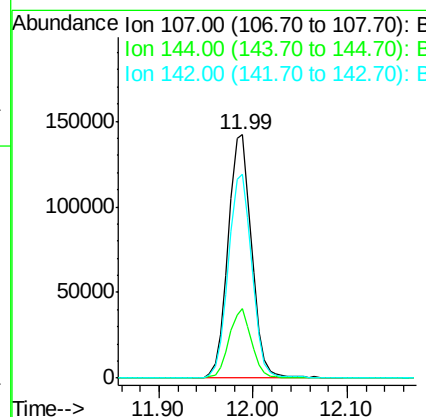
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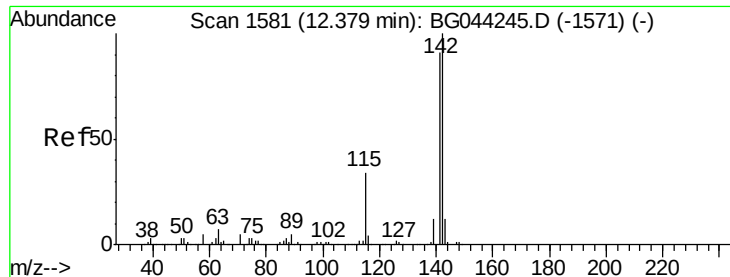
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#36
 4-Chloro-3-methylphenol
 Concen: 51.63 ng
 RT: 11.99 min Scan# 1515
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Tgt Ion:107 Resp: 248838
 Ion Ratio Lower Upper
 107 100
 144 28.7 22.2 33.4
 142 83.8 67.4 101.0





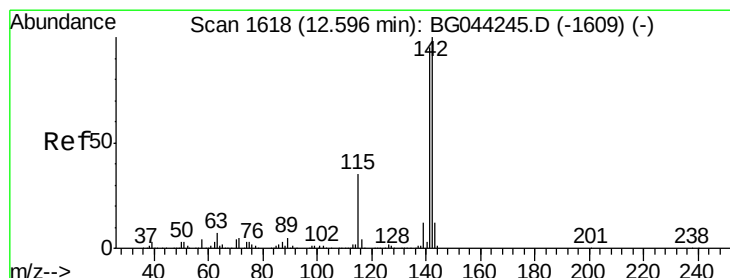
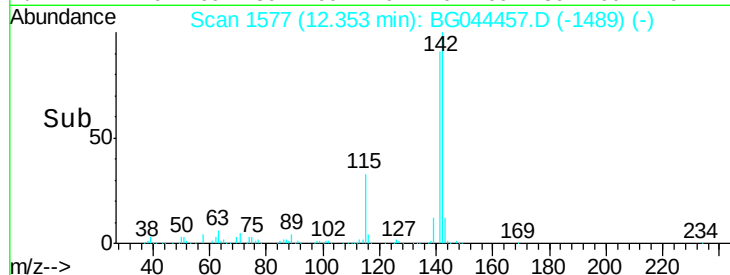
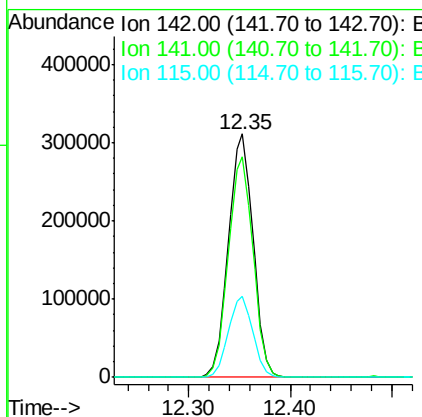
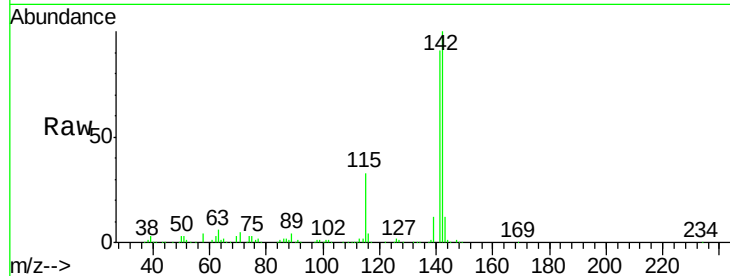
#37
2-Methylnaphthalene
Concen: 48.60 ng
RT: 12.35 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-01-CMSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	525447		
141	90.6	73.2	109.8	
115	33.1	27.1	40.7	

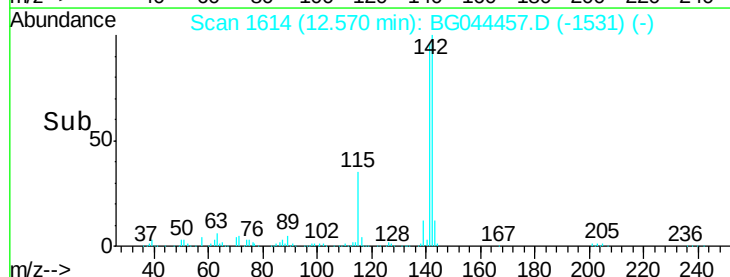
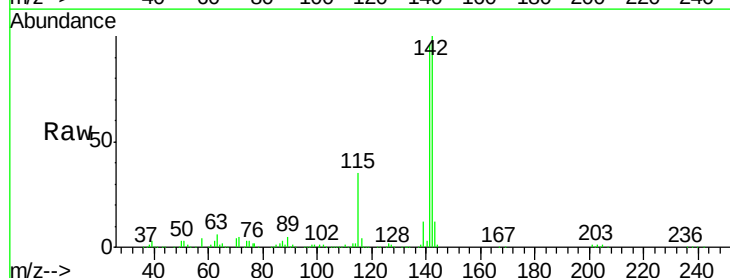
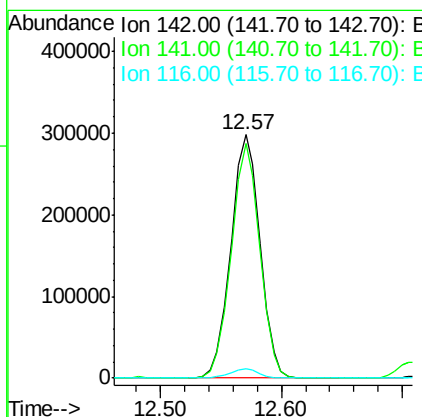
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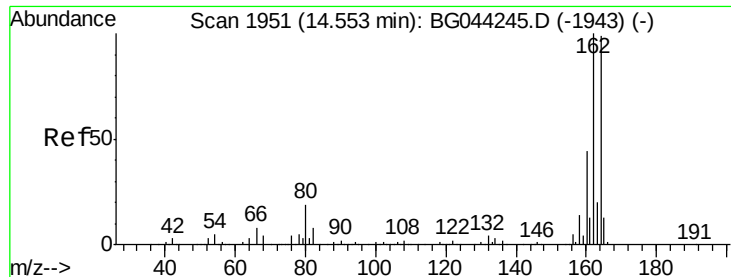
mohammad
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#38
1-Methylnaphthalene
Concen: 49.08 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	500304		
141	96.3	75.8	113.6	
116	3.7	3.1	4.7	





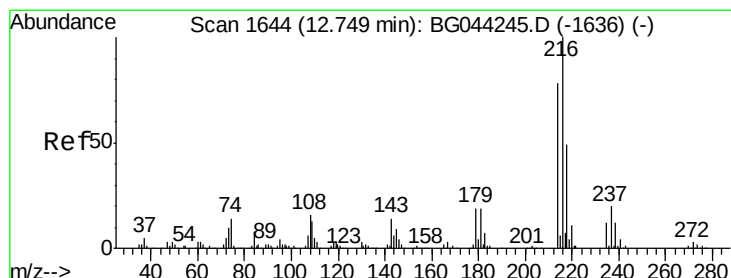
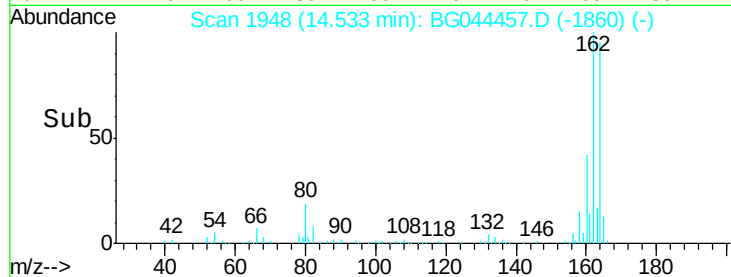
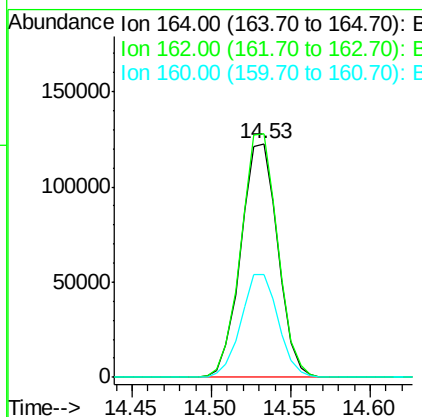
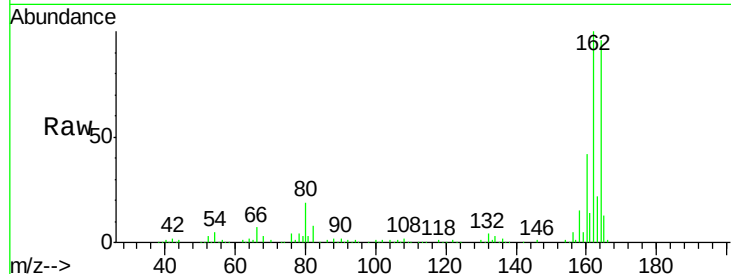
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-01-CMSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	198230		
162	104.3	80.7	121.1	
160	44.3	35.3	52.9	

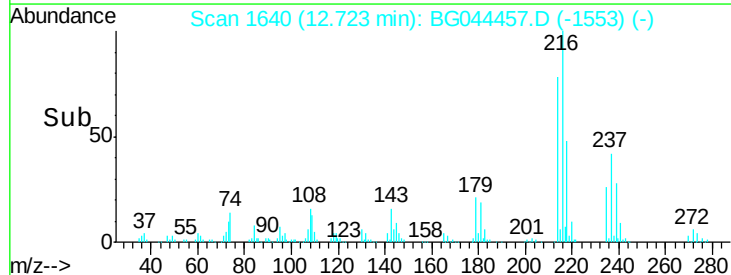
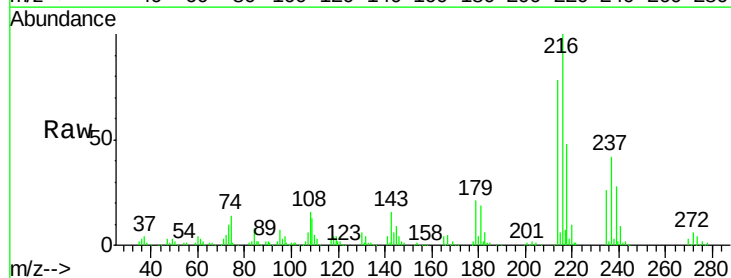
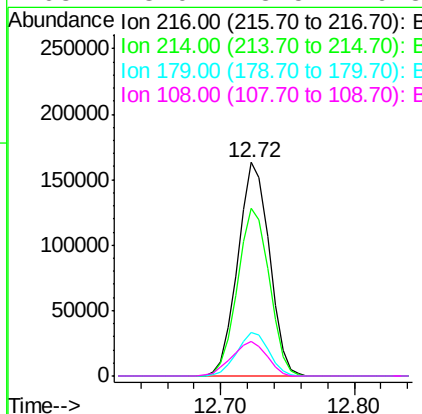
Manual Integrations
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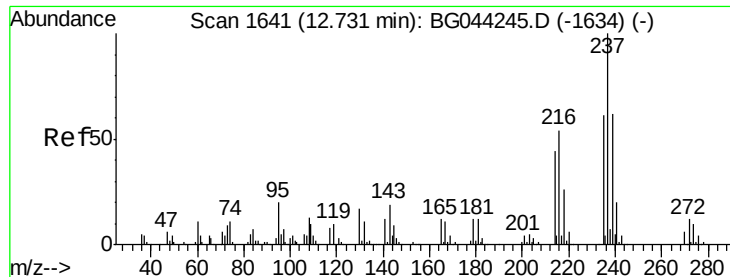
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.00 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.02 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	266863		
214	79.1	63.0	94.6	
179	20.6	16.2	24.4	
108	18.0	13.5	20.3	





#41

Hexachlorocyclopentadiene

Concen: 102.43 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

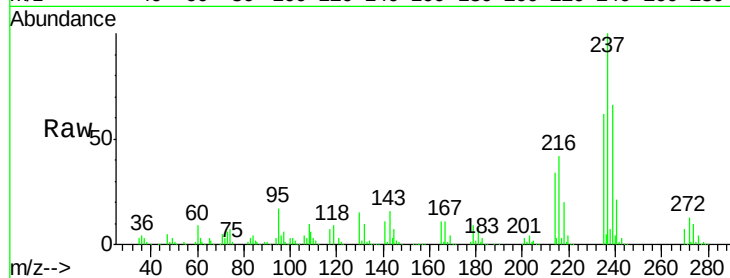
ClientSampleId :

MARCY-GREEN-BH-01-CMSD

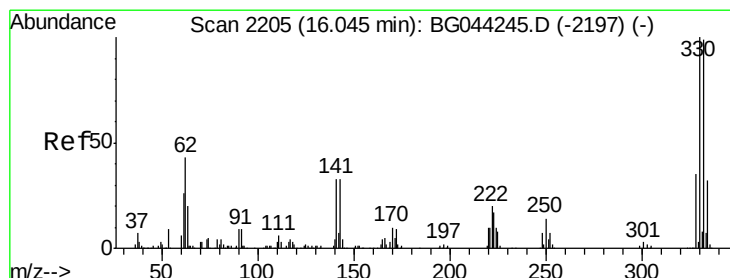
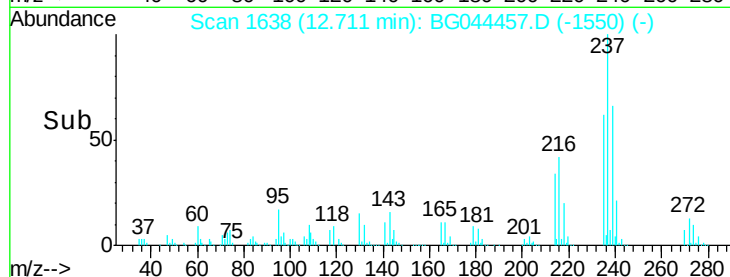
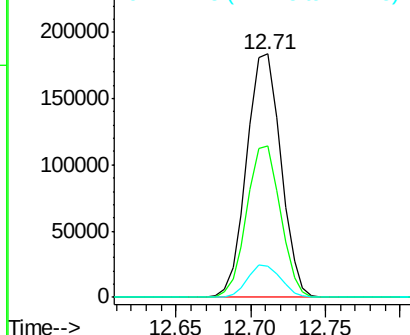
Tgt Ion:	237	Resp:	291440
Ion Ratio	Lower	Upper	
237	100		
235	62.3	41.2	81.2
272	12.9	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 116.00 ng

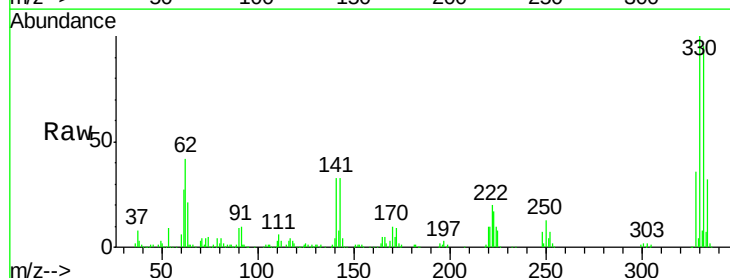
RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

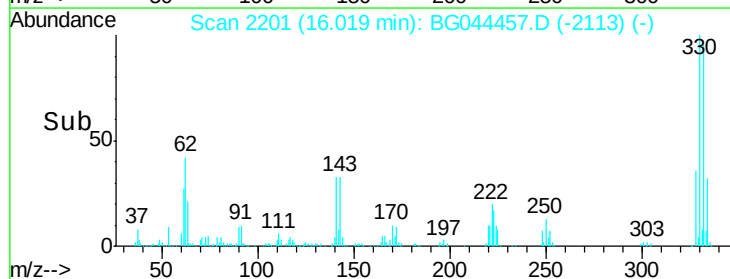
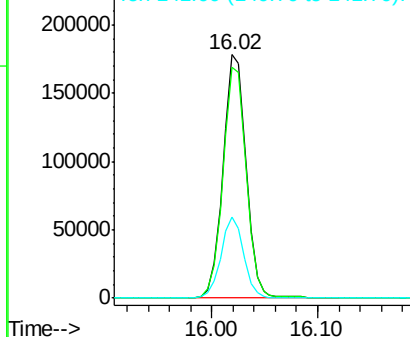
Lab File: BG044457.D

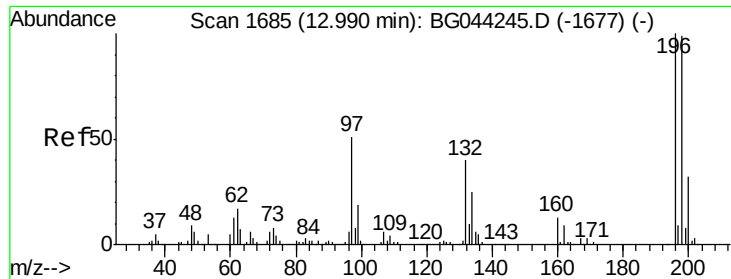
Acq: 17 Feb 2020 21:37

Tgt Ion:	330	Resp:	269953
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.2	115.8
141	33.2	28.3	42.5



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





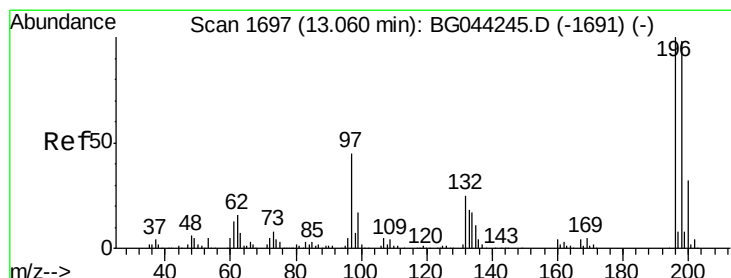
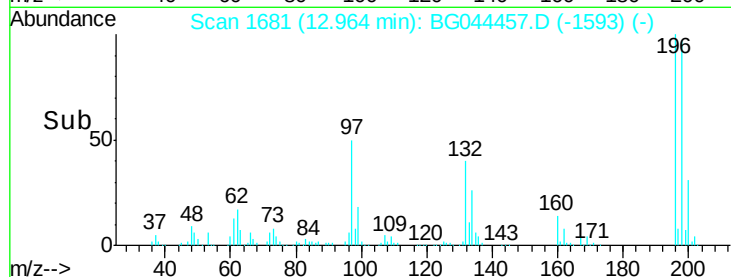
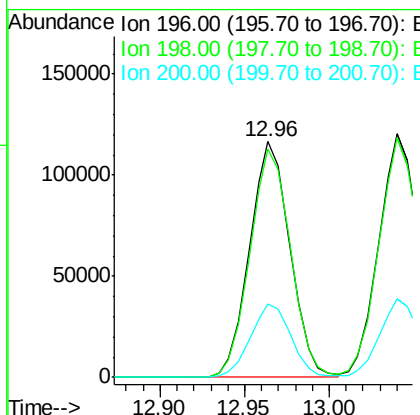
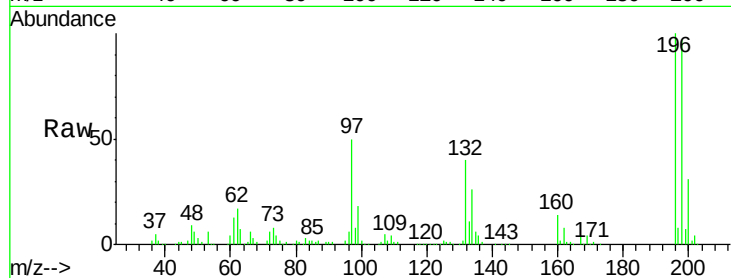
#43
 2,4,6-Trichlorophenol
 Concen: 50.34 ng
 RT: 12.96 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-01-CMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	192939		
198	96.8	79.3	118.9	
200	31.2	25.7	38.5	

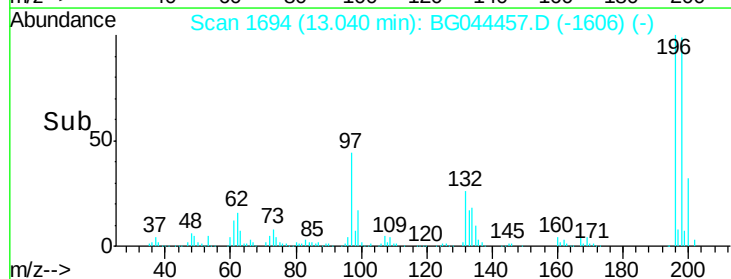
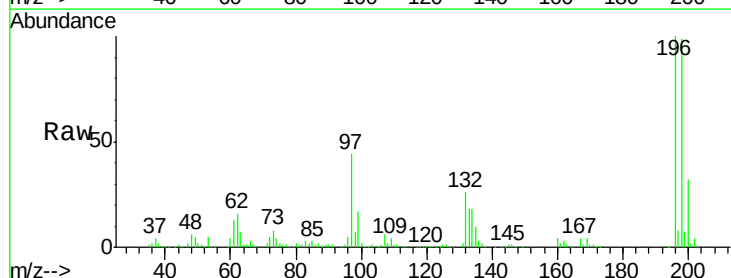
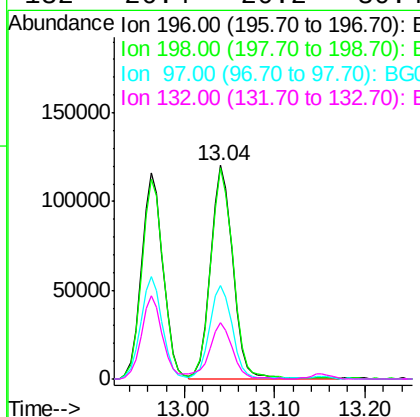
Manual Integrations
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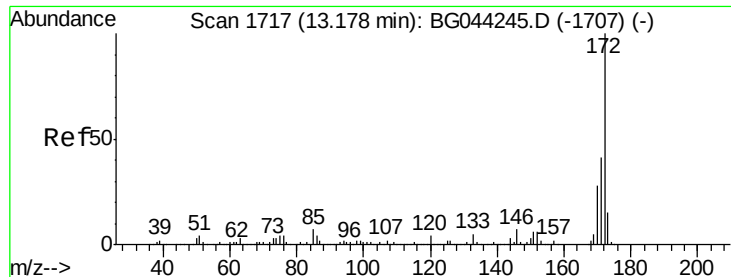
mohammad
 2/18/2020 3:17:05 PM



#44
 2,4,5-Trichlorophenol
 Concen: 52.33 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	204873		
198	98.6	78.2	117.2	
97	43.7	36.2	54.4	
132	26.4	20.2	30.4	





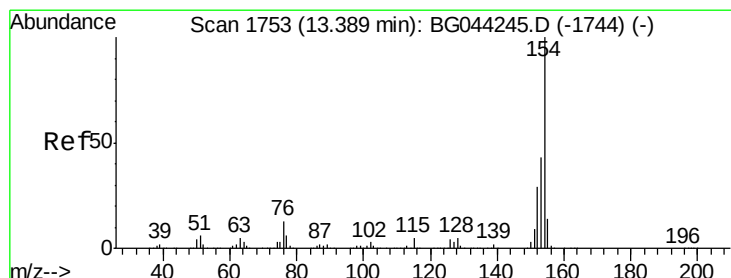
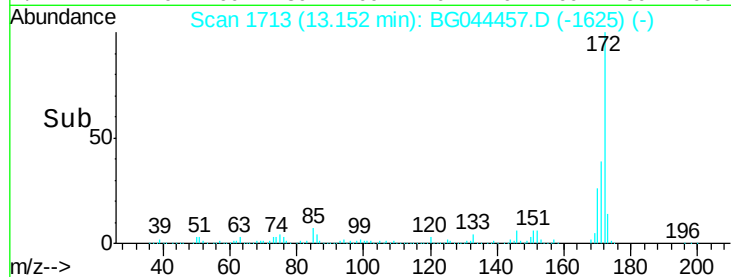
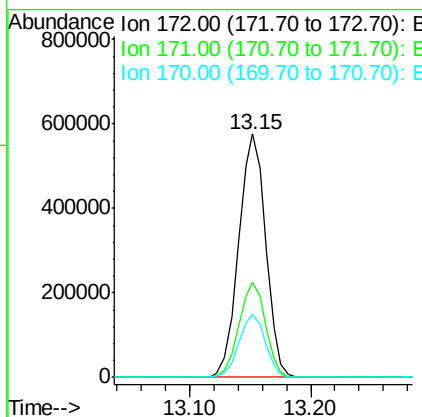
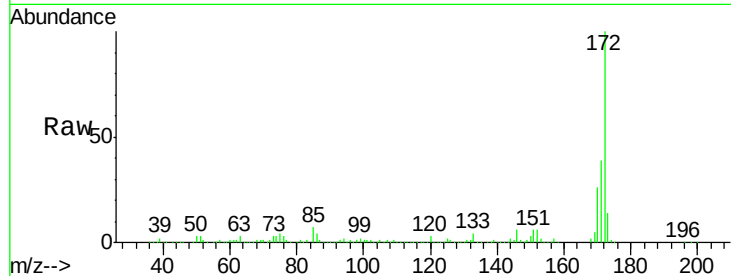
#45
2-Fluorobiphenyl
Concen: 75.79 ng
RT: 13.15 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-01-CMSD

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	897241		
171	39.3	32.9	49.3	
170	25.8	22.0	33.0	

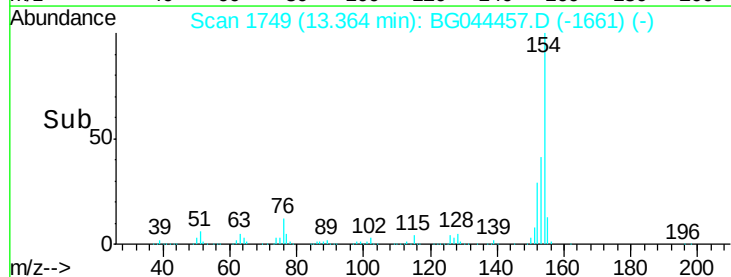
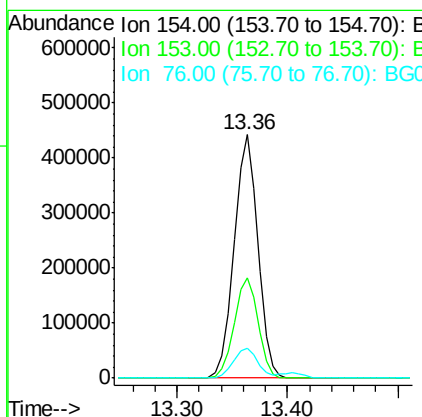
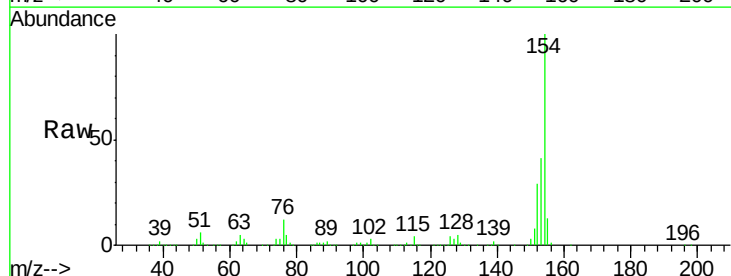
Manual Integrations
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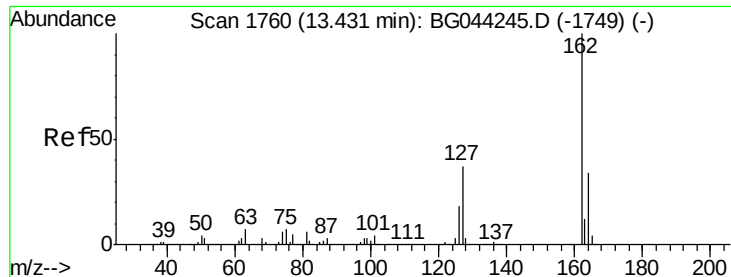
mohammad
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#46
1,1'-Biphenyl
Concen: 46.59 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	666205		
153	41.0	22.7	62.7	
76	12.2	0.0	32.9	





#47

2-Chloronaphthalene

Concen: 46.05 ng

RT: 13.40 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

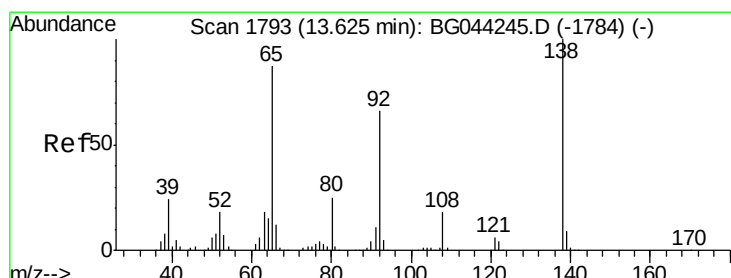
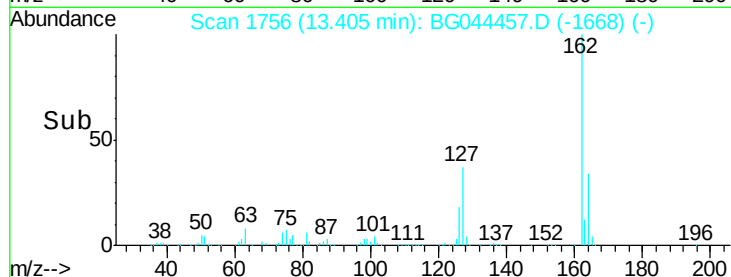
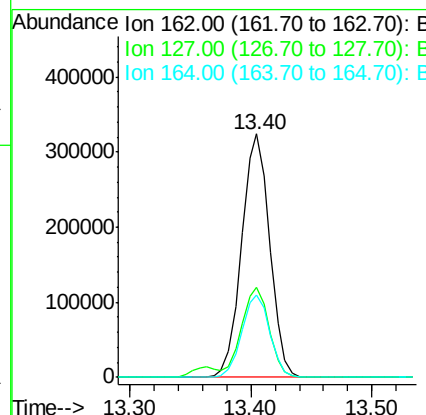
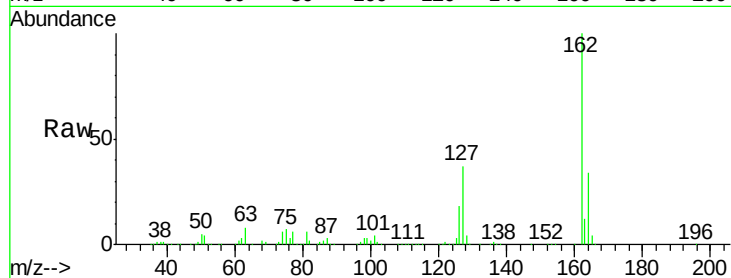
ClientSampleId :

MARCY-GREEN-BH-01-CMSD

Tgt Ion:	162	Resp:	523967
Ion Ratio	Lower	Upper	
162	100		
127	37.1	30.0	45.0
164	33.8	27.2	40.8

Manual Integrations
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#48

2-Nitroaniline

Concen: 44.67 ng

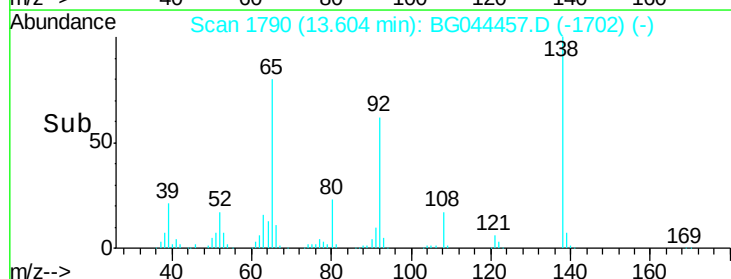
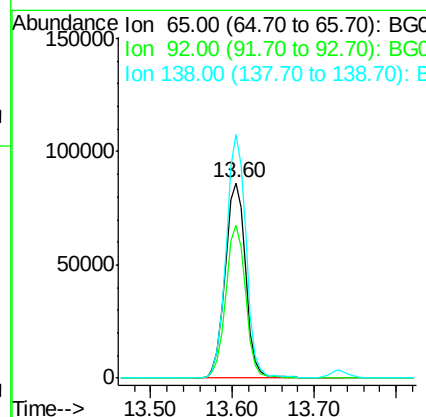
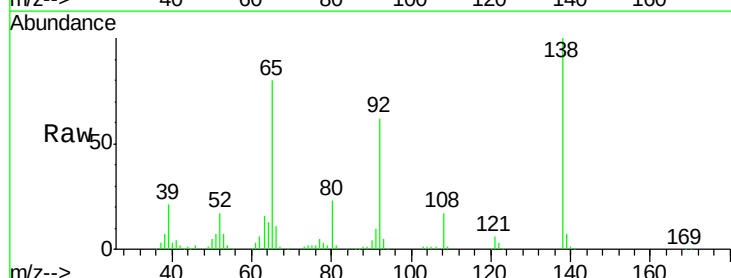
RT: 13.60 min Scan# 1790

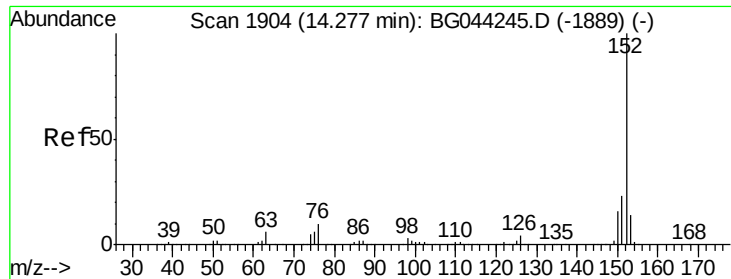
Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Tgt Ion:	65	Resp:	150001
Ion Ratio	Lower	Upper	
65	100		
92	77.9	60.3	90.5
138	124.8	91.9	137.9





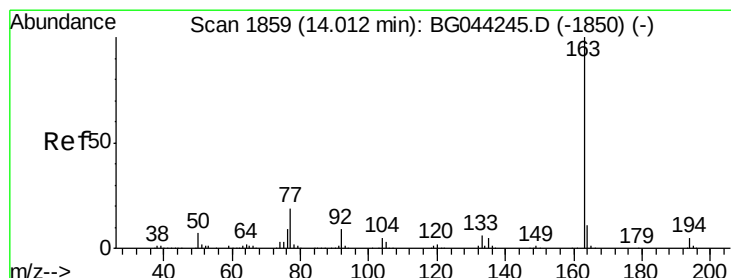
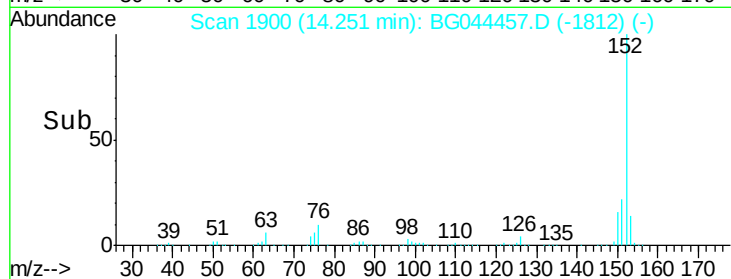
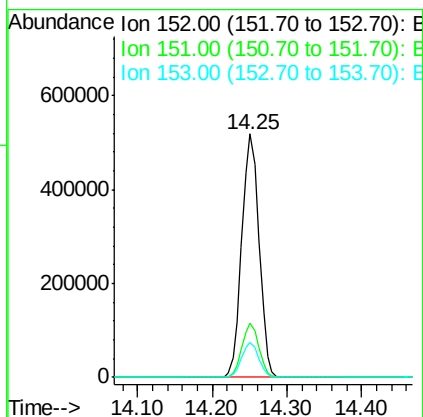
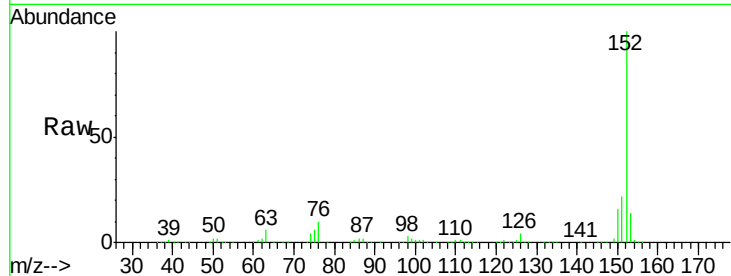
#49
Acenaphthylene
Concen: 49.75 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-01-CMSD

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	830173		
151	22.1	18.1	27.1	
153	14.3	11.5	17.3	

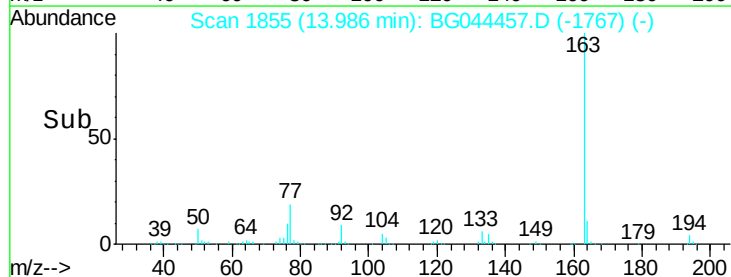
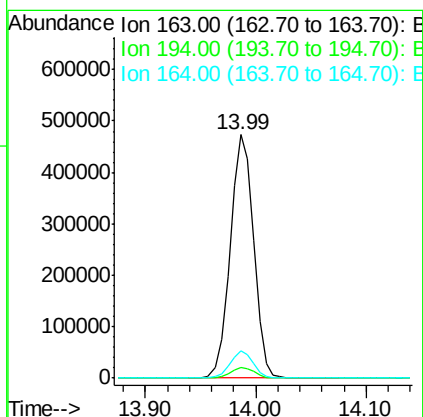
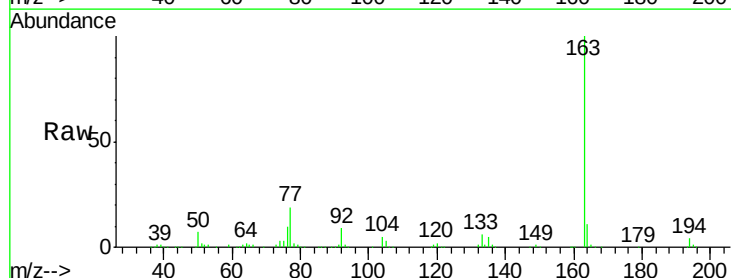
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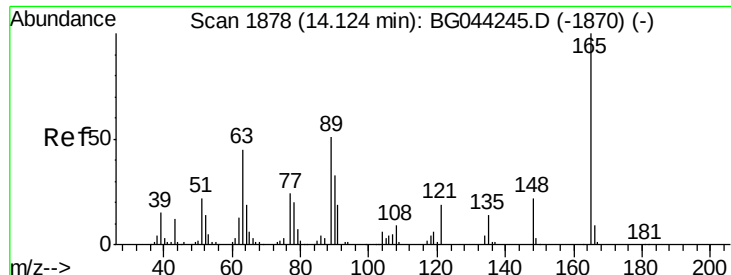
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#50
Dimethylphthalate
Concen: 49.24 ng
RT: 13.99 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	701656		
194	4.2	3.6	5.4	
164	11.3	8.7	13.1	





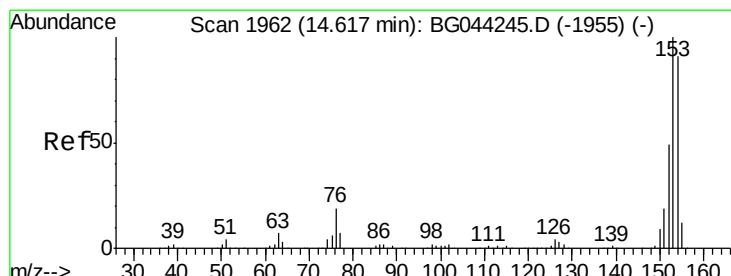
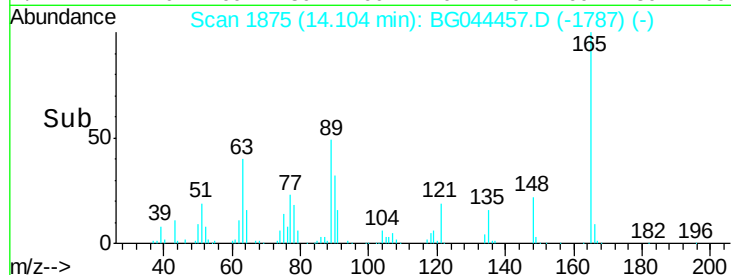
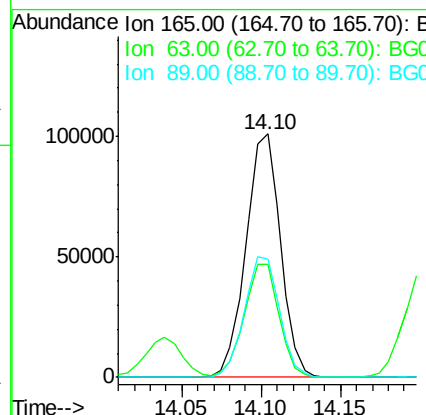
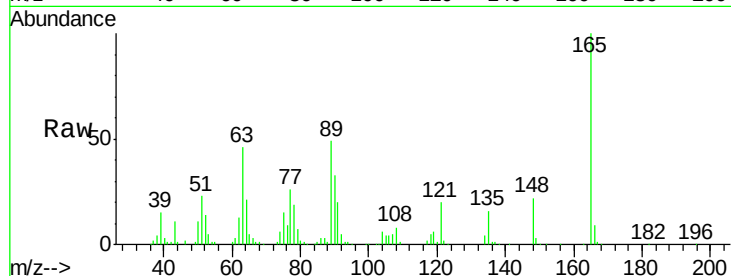
#51
 2,6-Dinitrotoluene
 Concen: 48.11 ng
 RT: 14.10 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-01-CMSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	152842		
63	46.3	38.7	58.1	
89	48.8	40.4	60.6	

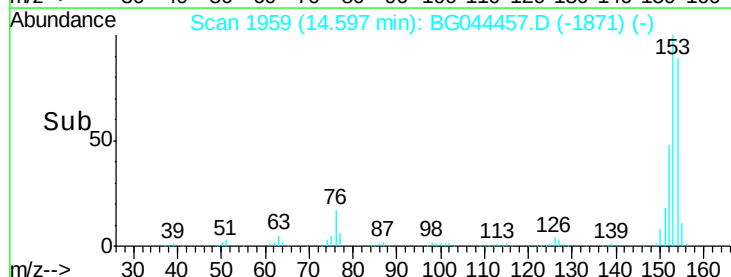
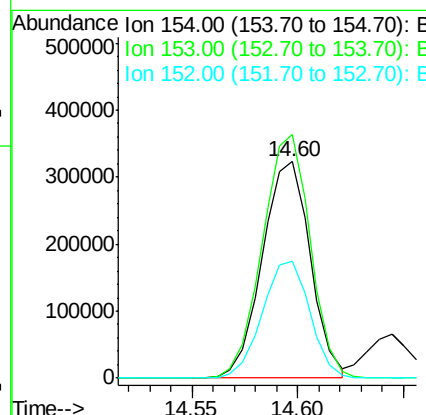
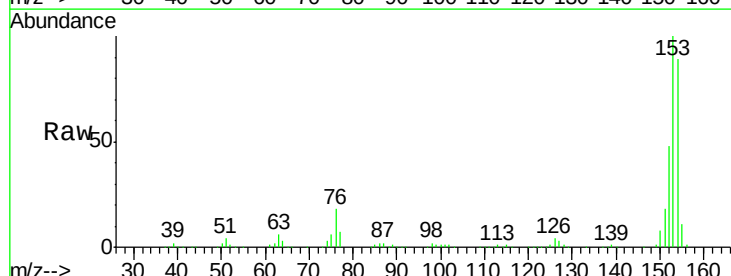
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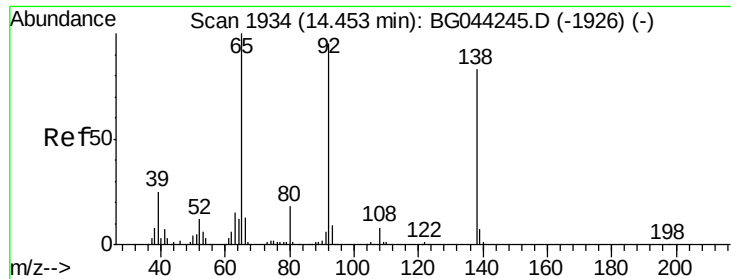
mohammad
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#52
 Acenaphthene
 Concen: 47.32 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

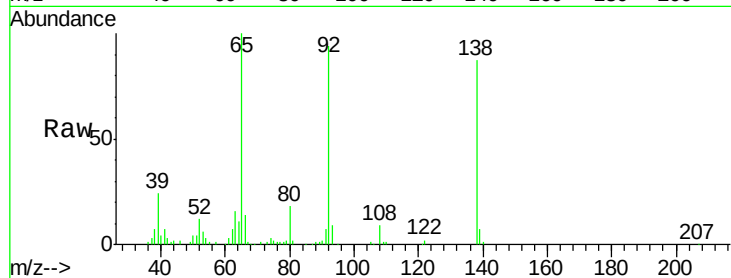
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	511899		
153	112.5	87.9	131.9	
152	54.1	43.1	64.7	





#53
 3-Nitroaniline
 Concen: 19.04 ng
 RT: 14.43 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

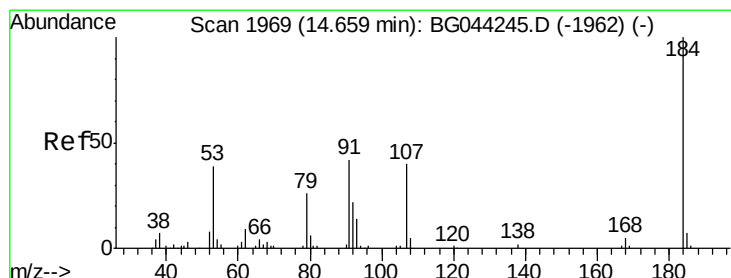
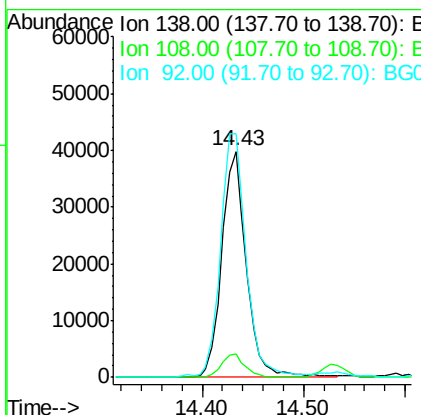
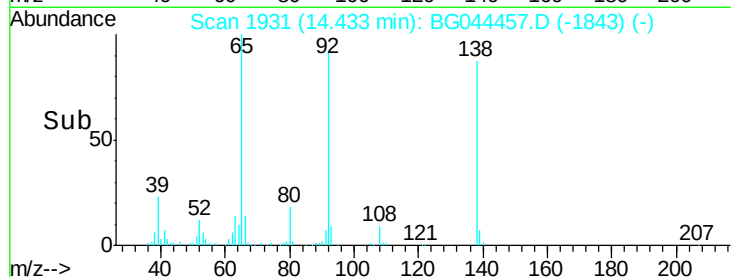
Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-01-CMSD



Tgt Ion:138 Resp: 66914
 Ion Ratio Lower Upper
 138 100
 108 10.3 7.9 11.9
 92 107.7 91.0 136.4

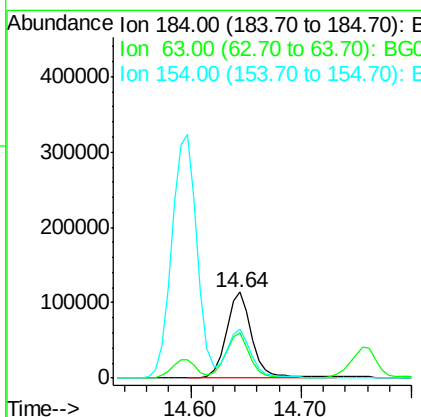
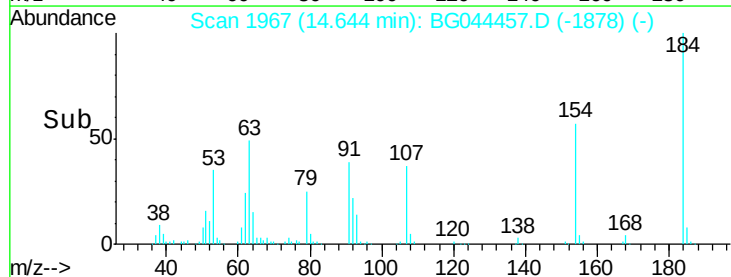
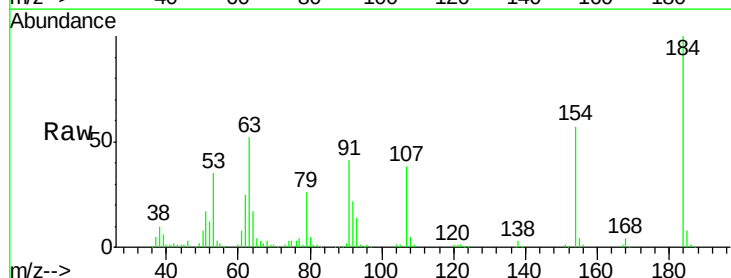
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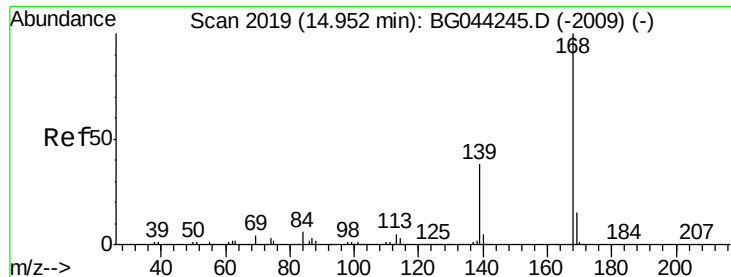
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 96.88 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Tgt Ion:184 Resp: 185742
 Ion Ratio Lower Upper
 184 100
 63 52.2 44.1 66.1
 154 57.5 45.4 68.0





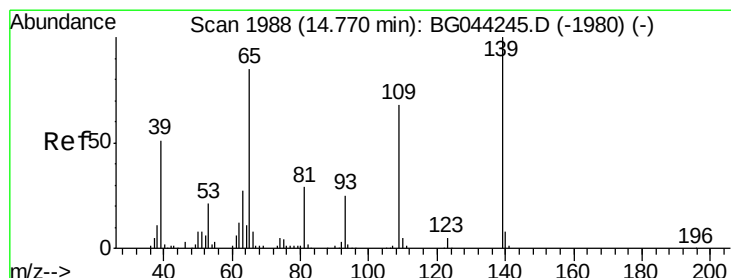
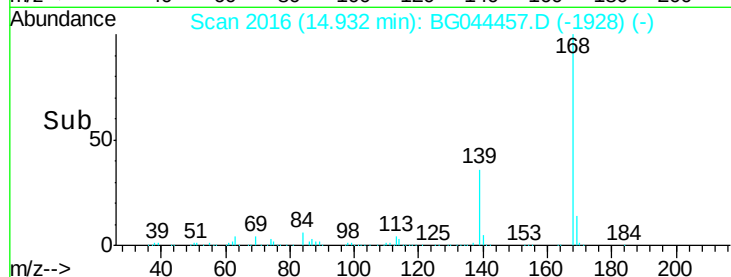
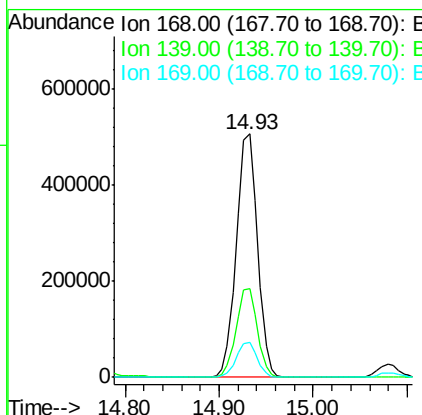
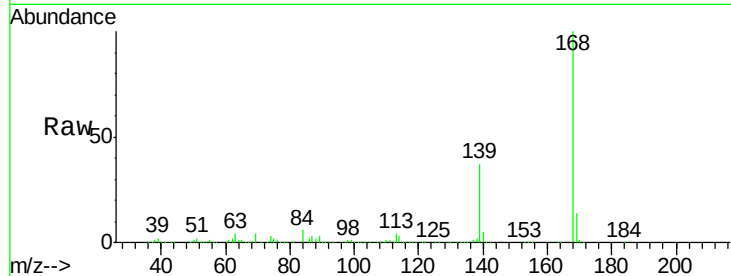
#55
Dibenzofuran
Concen: 48.37 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-01-CMSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.5	30.5	45.7
169	14.4	11.7	17.5

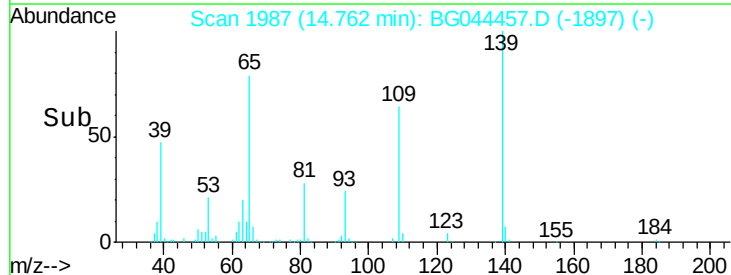
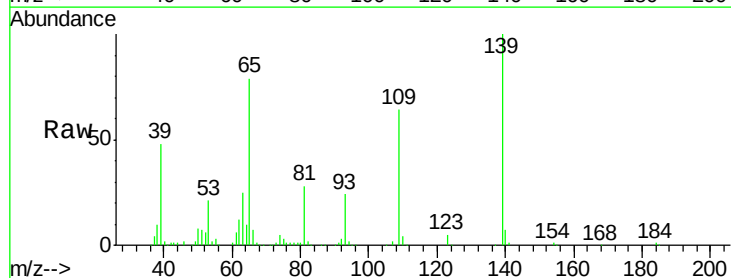
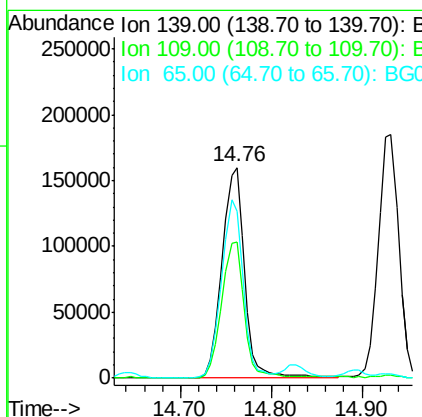
Manual Integrations
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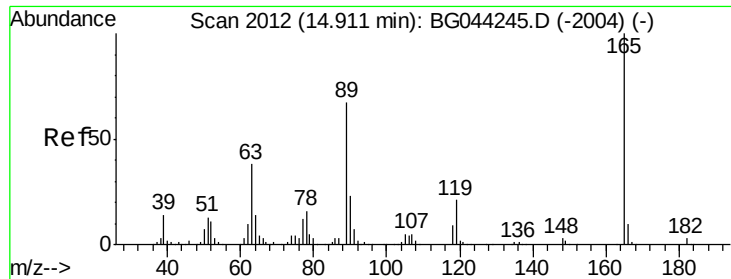
mohammad
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#56
4-Nitrophenol
Concen: 107.71 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.4	47.5	87.5
65	79.3	64.9	104.9





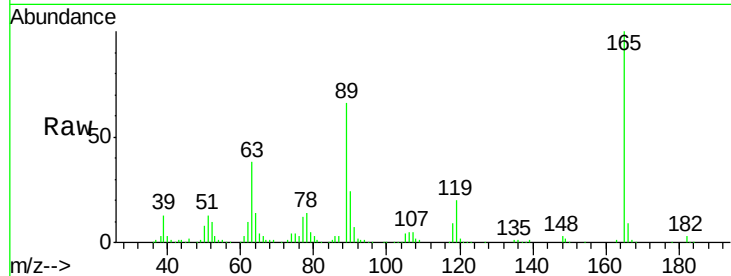
#57
2,4-Dinitrotoluene
Concen: 47.99 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-01-CMSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	213710		
63	37.6	30.3	45.5	
89	65.5	53.4	80.2	
182	2.8	2.1	3.1	

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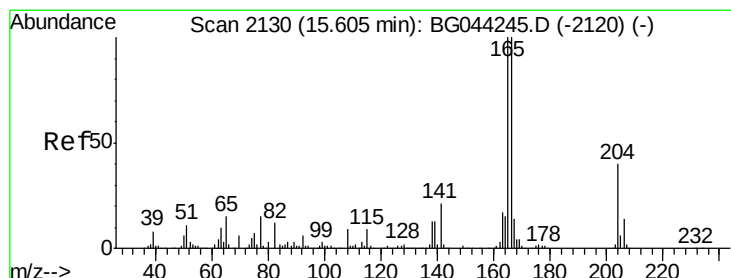
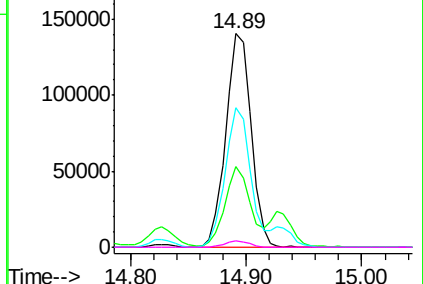
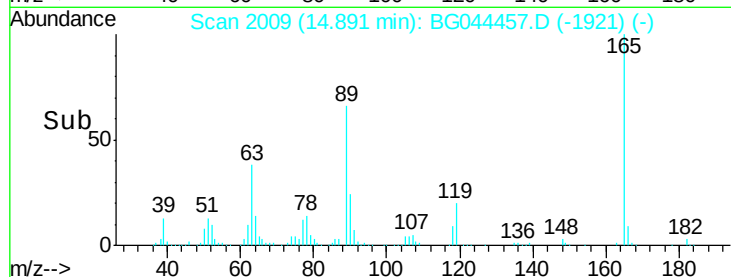


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

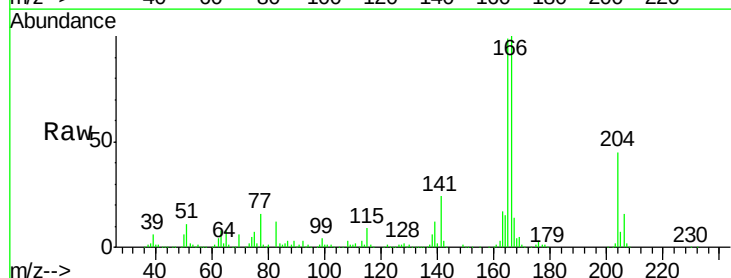
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 48.86 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

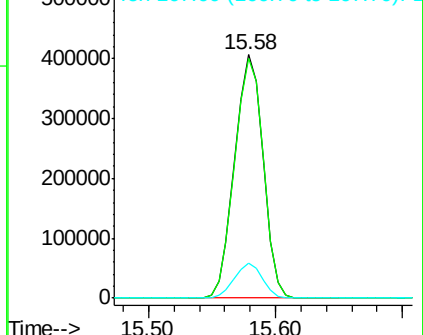
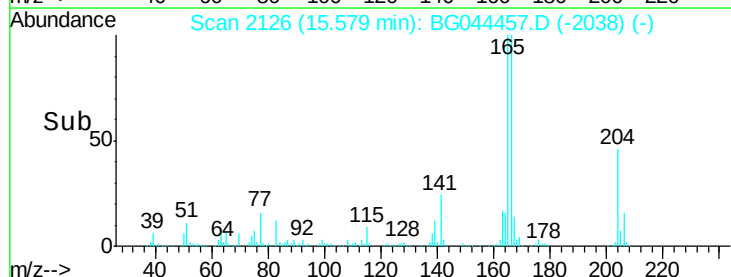
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	630247		
165	98.6	79.9	119.9	
167	14.4	11.4	17.0	

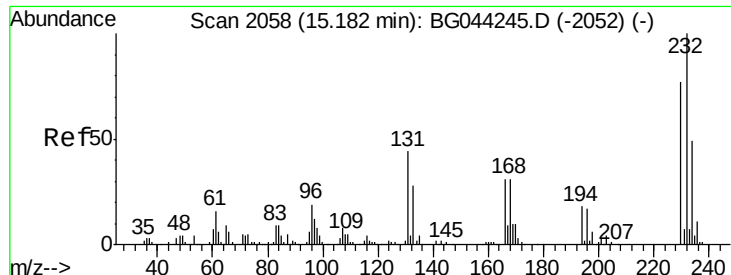


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





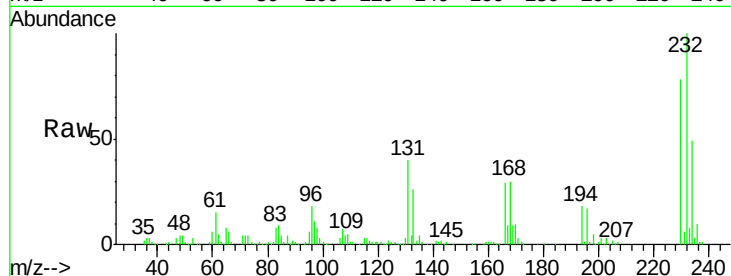
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.49 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-01-CMSD

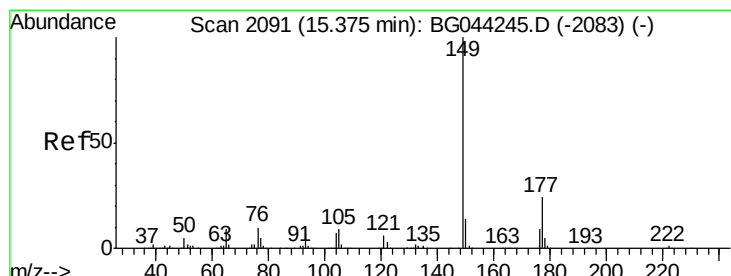
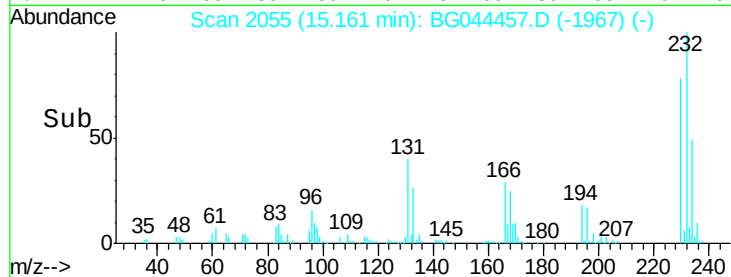
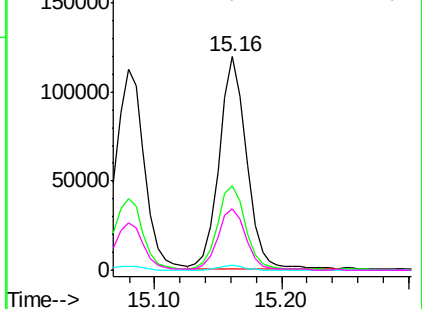
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	178537		
131	41.4	34.2	51.4	
130	2.4	1.8	2.8	
166	29.8	23.8	35.8	

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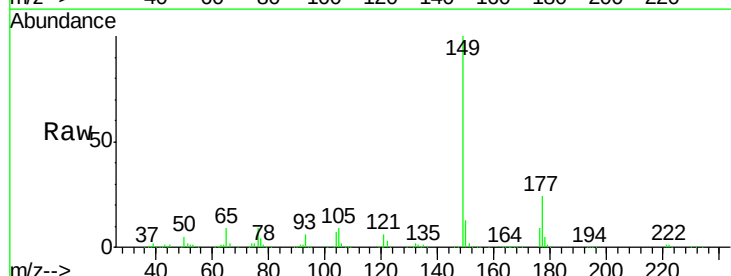


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

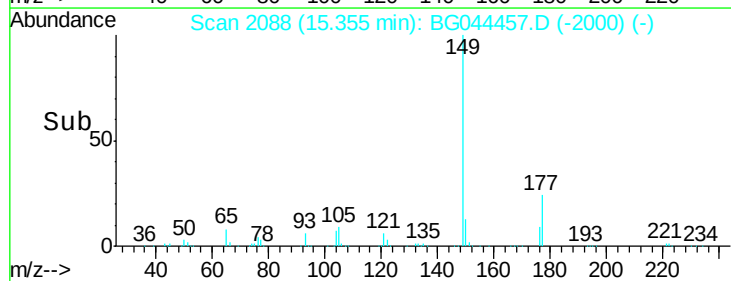
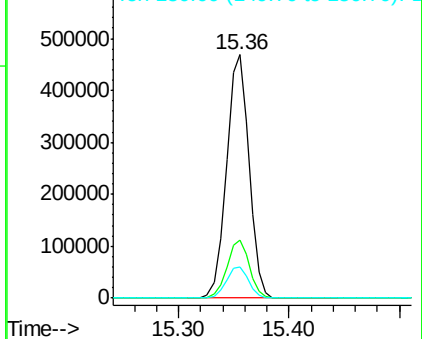


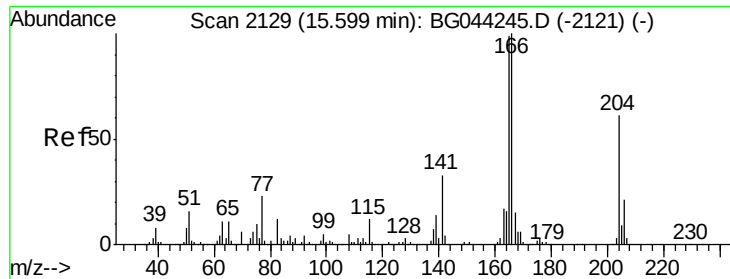
#60
 Diethylphthalate
 Concen: 46.90 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.01 min
 Lab File: BG044457.D
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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	665882		
177	24.0	19.4	29.0	
150	12.9	10.9	16.3	



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





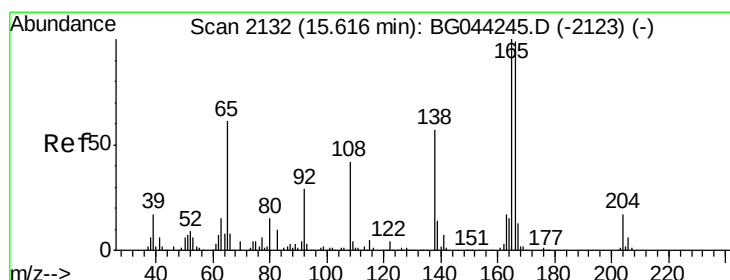
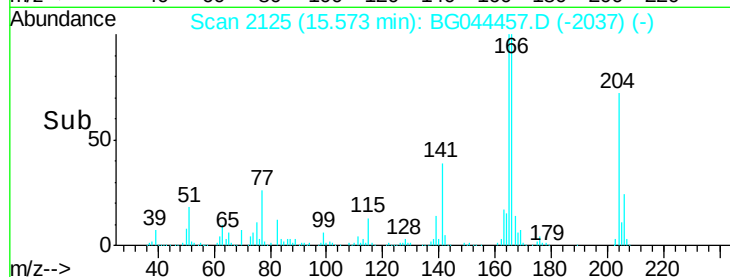
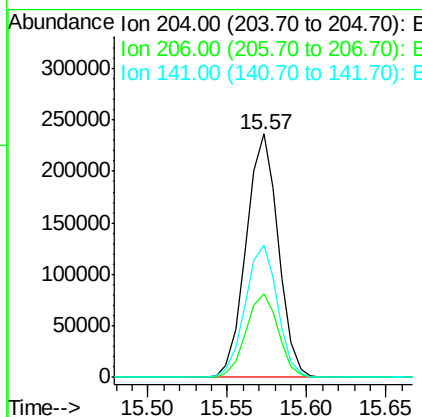
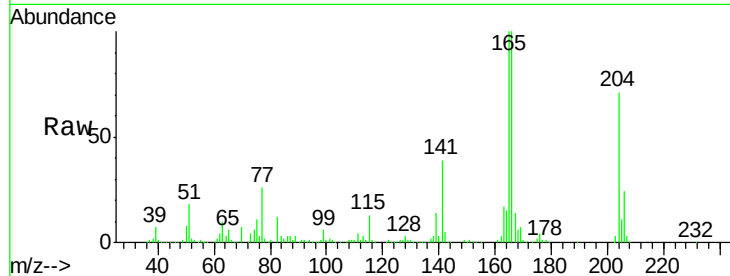
#61
4-Chlorophenyl-phenylether
Concen: 47.39 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
204	100	331476		
206	34.2	27.6	41.4	
141	54.5	43.4	65.0	

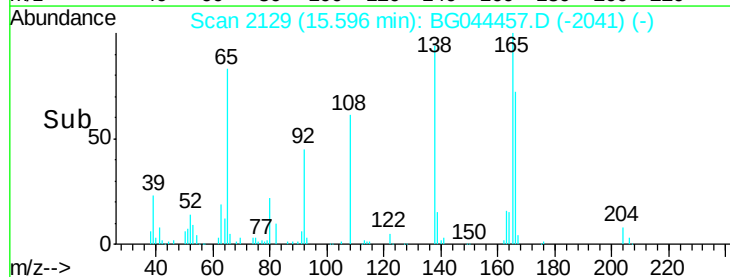
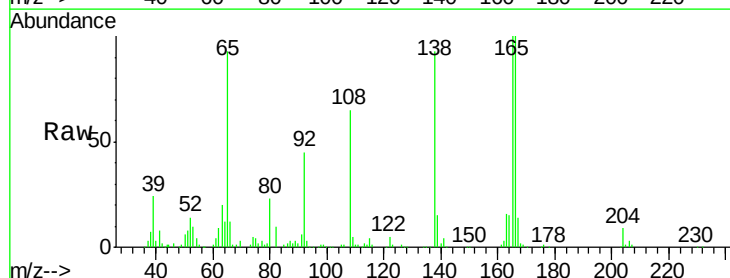
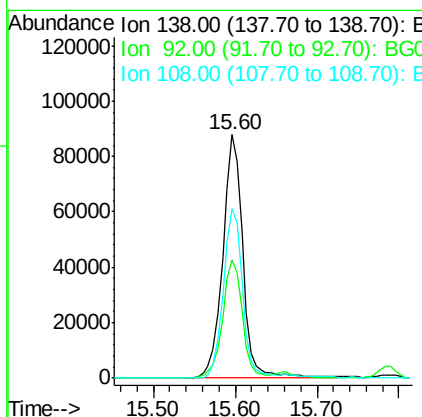
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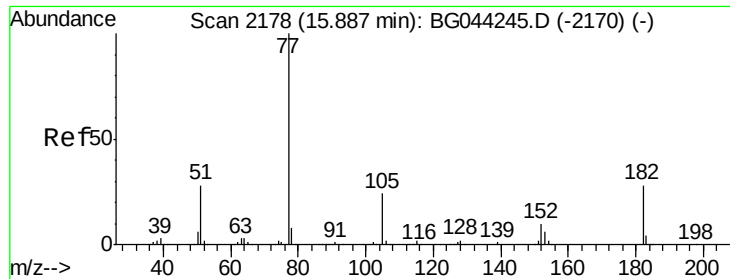
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#62
4-Nitroaniline
Concen: 42.66 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	149819		
92	48.3	31.3	71.3	
108	69.5	52.6	92.6	





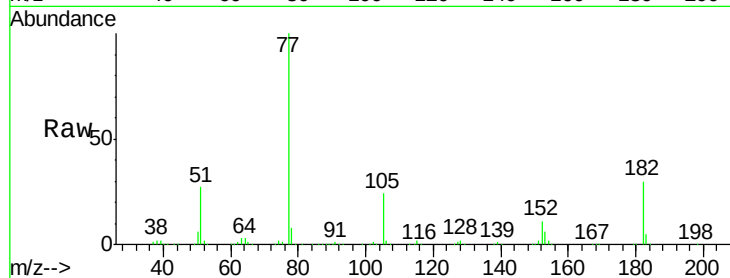
#63
Azobenzene
Concen: 47.74 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-01-CMSD

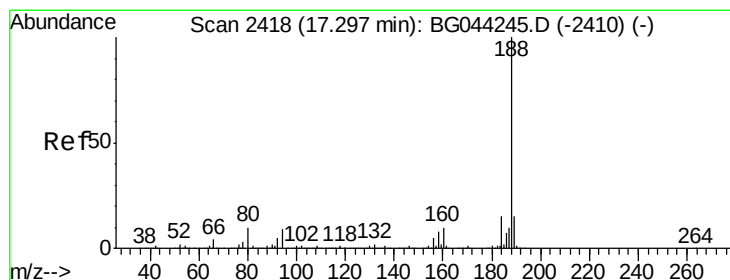
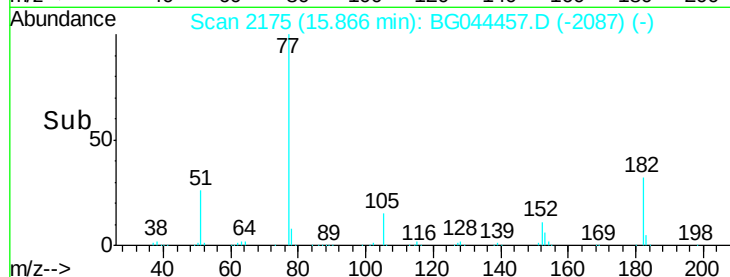
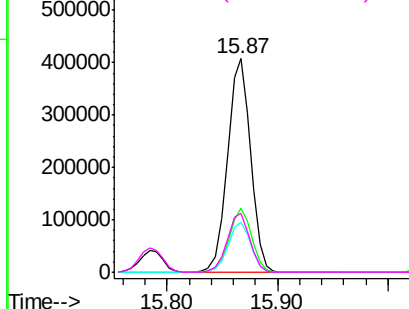
Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.2	8.2	48.2
105	23.7	3.6	43.6
51	27.3	8.3	48.3

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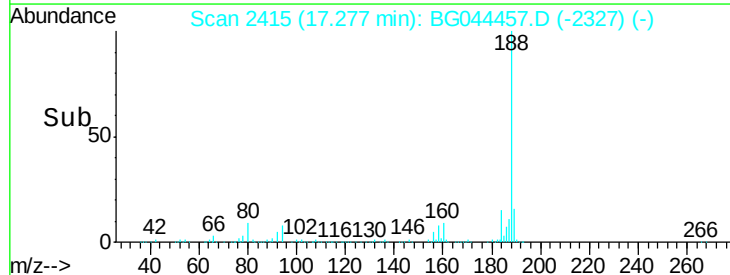
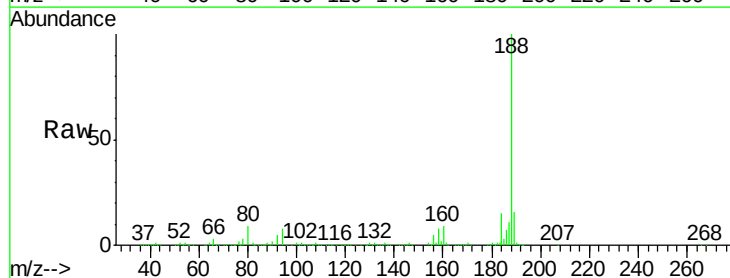
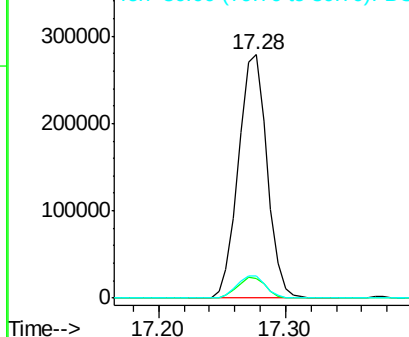
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

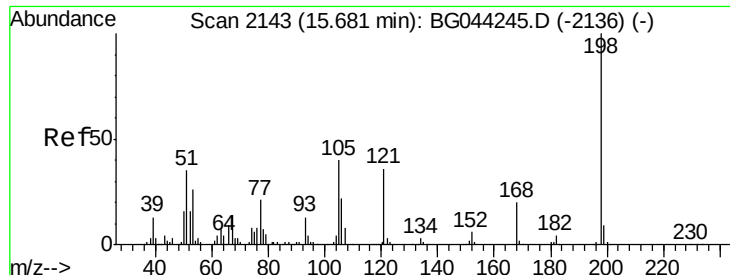


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.4	11.2
80	9.1	7.7	11.5

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





#65

4,6-Dinitro-2-methylphenol

Concen: 57.06 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

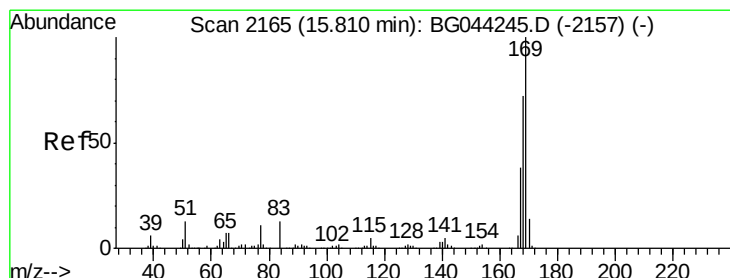
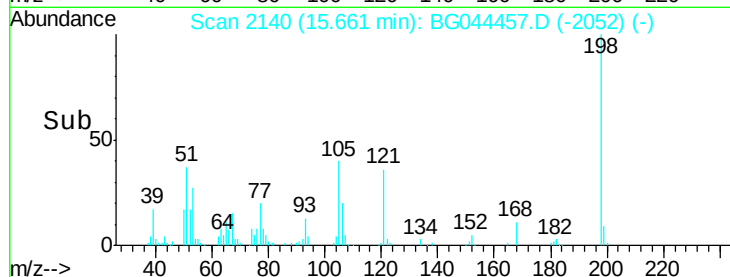
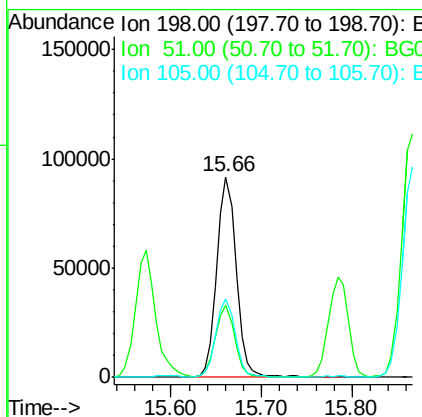
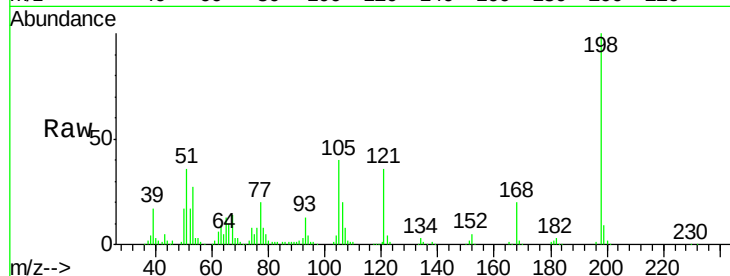
ClientSampleId :

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Tgt Ion:	198	Resp:	136922
Ion Ratio	Lower	Upper	
198	100		
51	36.2	16.6	56.6
105	39.5	20.6	60.6

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#66

n-Nitrosodiphenylamine

Concen: 48.30 ng

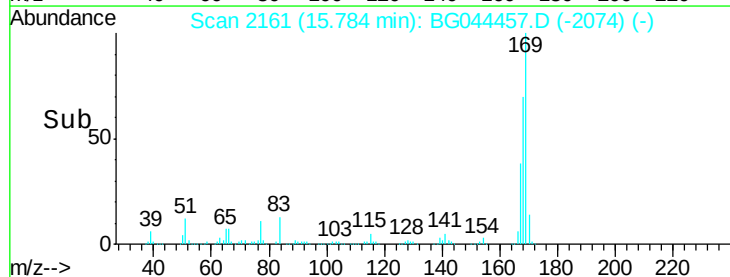
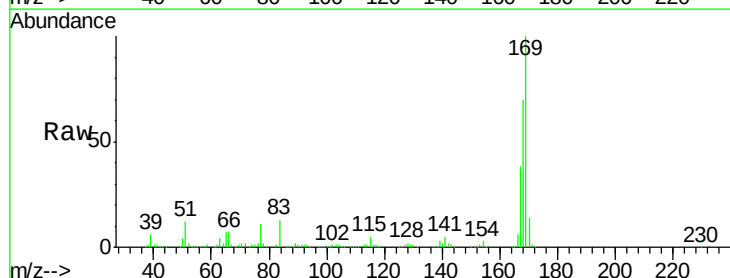
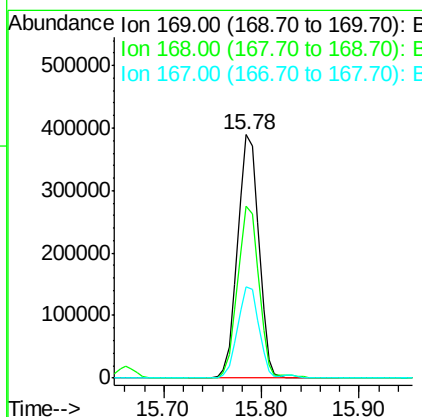
RT: 15.78 min Scan# 2161

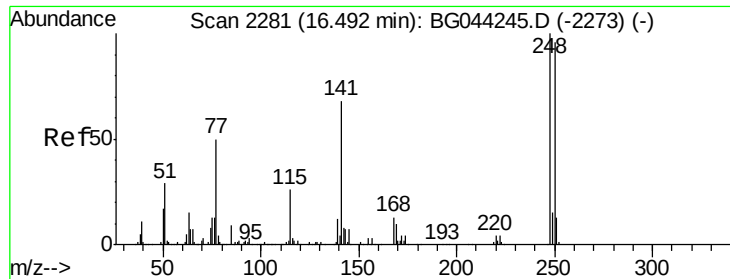
Delta R.T. -0.02 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Tgt Ion:	169	Resp:	588431
Ion Ratio	Lower	Upper	
169	100		
168	70.4	57.9	86.9
167	37.6	30.7	46.1





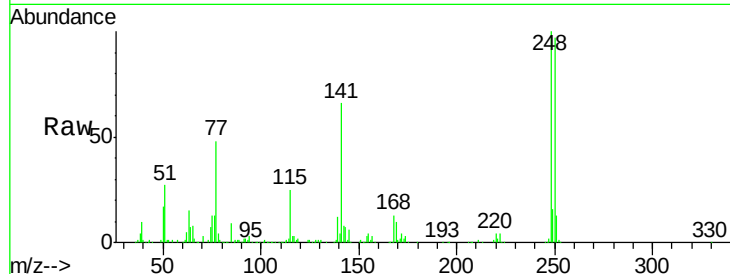
#67
4-Bromophenyl-phenylether
Concen: 46.98 ng
RT: 16.47 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-01-CMSD

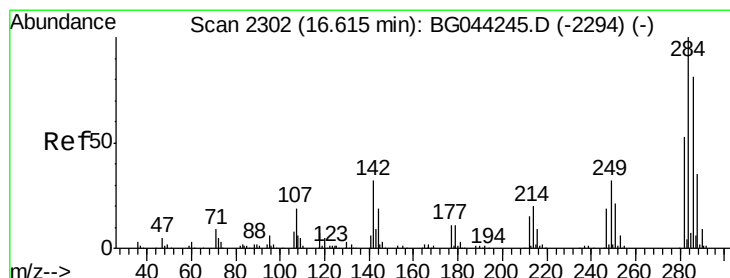
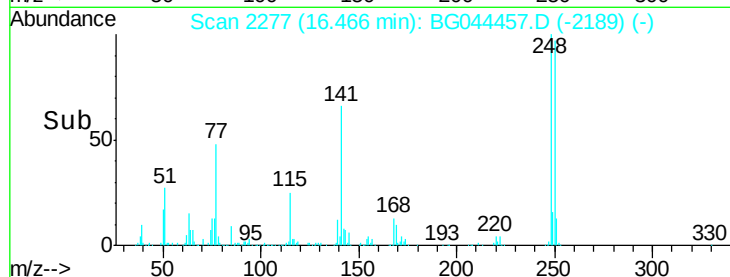
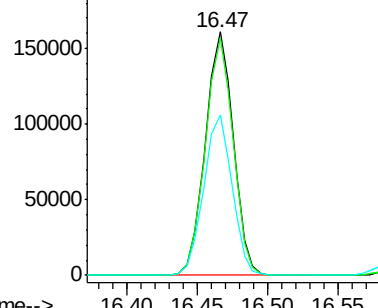
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.6	114.8
141	65.9	54.7	82.1

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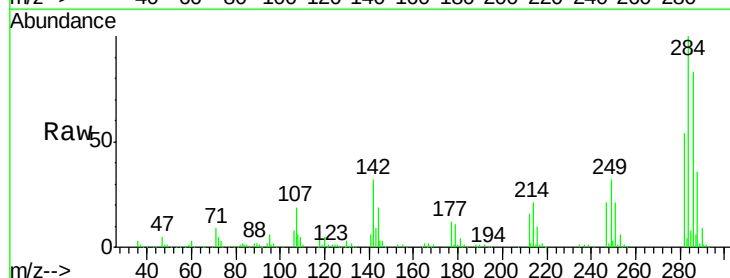


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

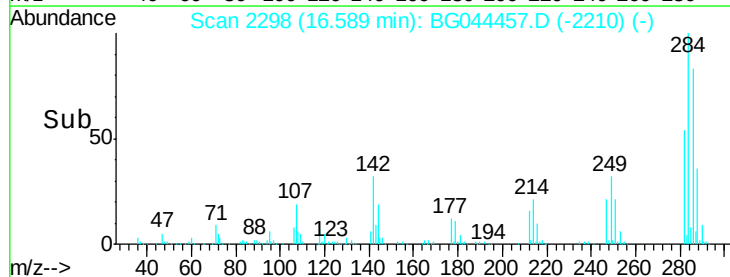
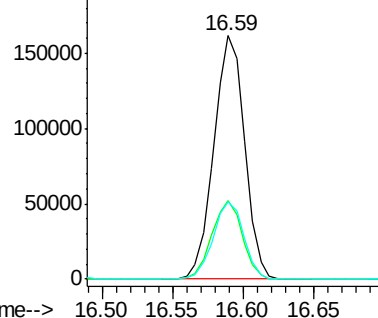


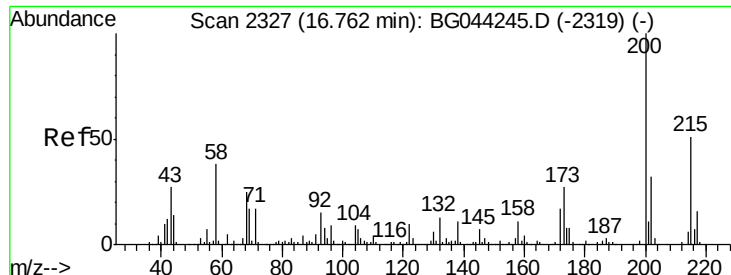
#68
Hexachlorobenzene
Concen: 46.38 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	25.3	37.9
249	31.8	25.5	38.3



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





#69

Atrazine

Concen: 54.88 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

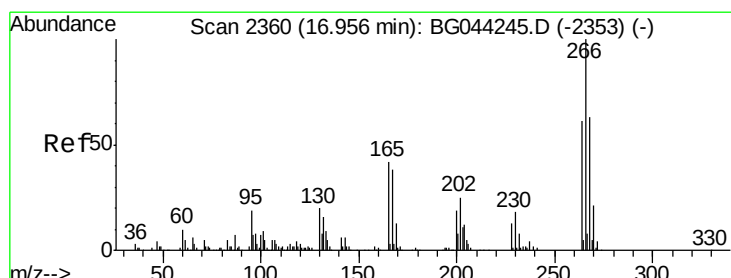
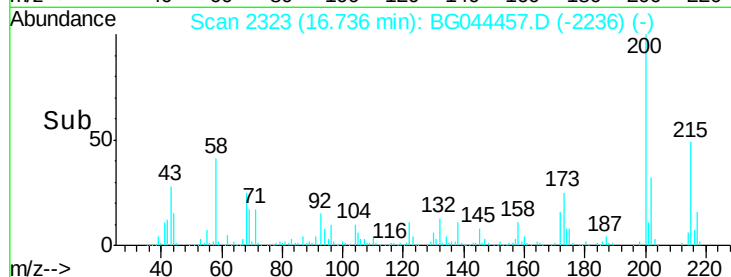
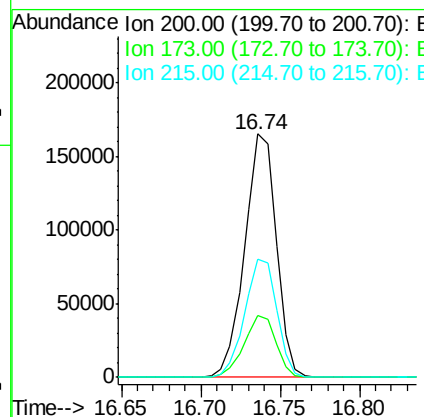
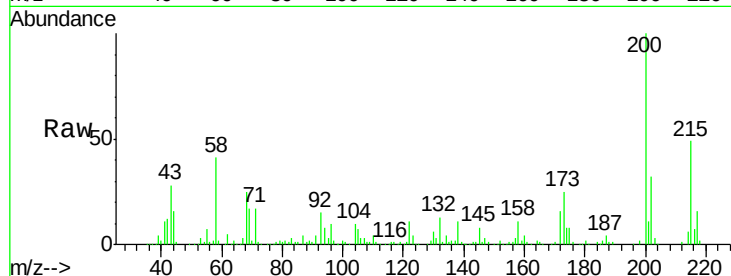
ClientSampleId :

MARCY-GREEN-BH-01-CMSD

Tgt Ion:	200	Resp:	229171
Ion Ratio	Lower	Upper	
200	100		
173	25.4	6.6	46.6
215	48.7	31.0	71.0

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#70

Pentachlorophenol

Concen: 98.75 ng

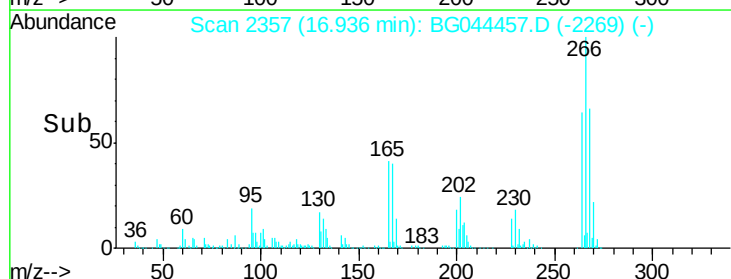
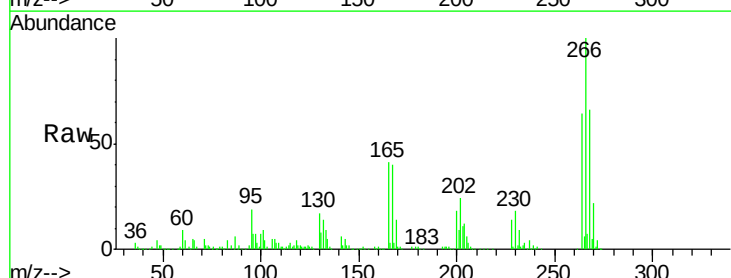
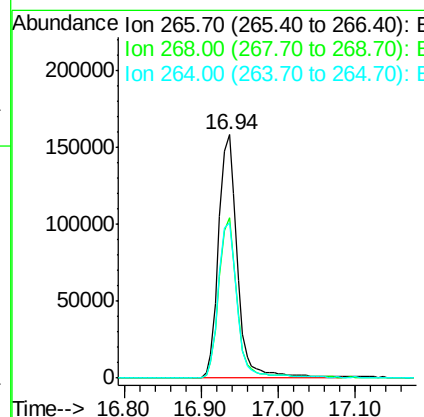
RT: 16.94 min Scan# 2357

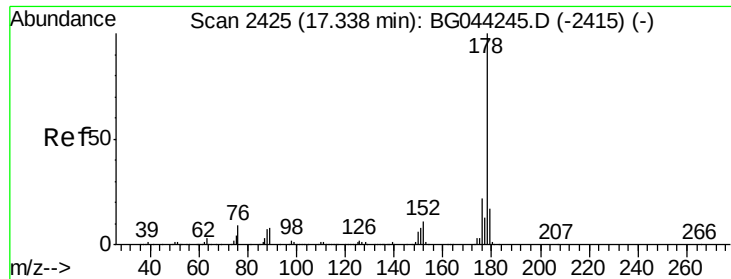
Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Tgt Ion:	266	Resp:	267021
Ion Ratio	Lower	Upper	
266	100		
268	65.8	50.6	75.8
264	63.6	48.7	73.1





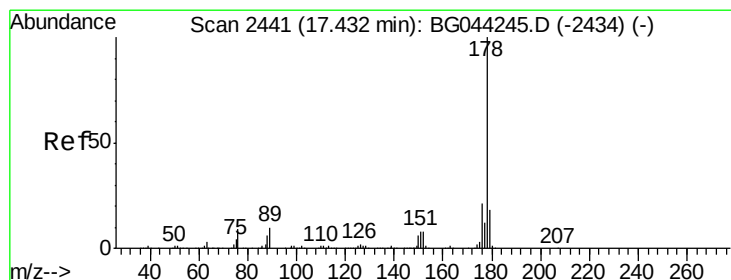
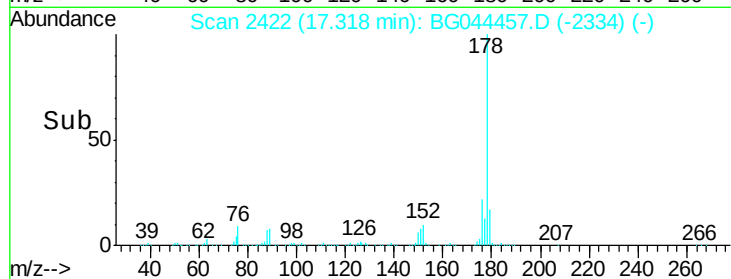
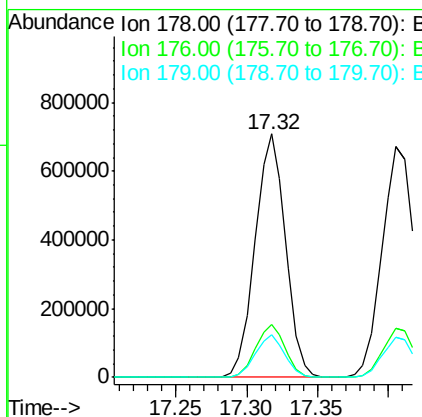
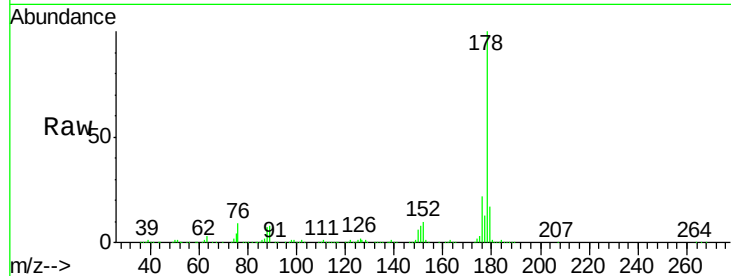
#71
Phenanthrene
Concen: 51.04 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:178 Resp: 1074350
Ion Ratio Lower Upper
178 100
176 21.7 17.7 26.5
179 17.4 13.7 20.5

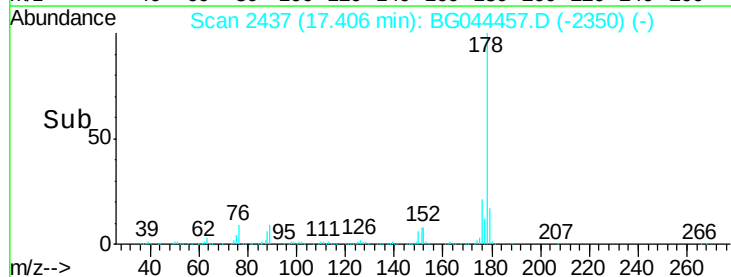
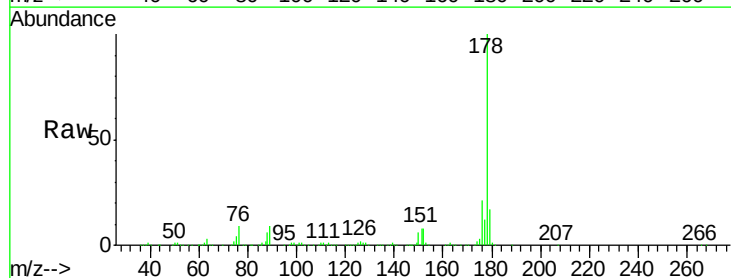
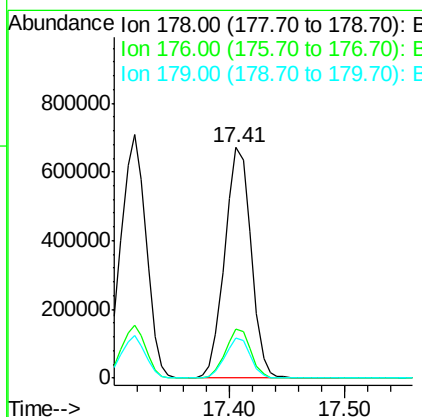
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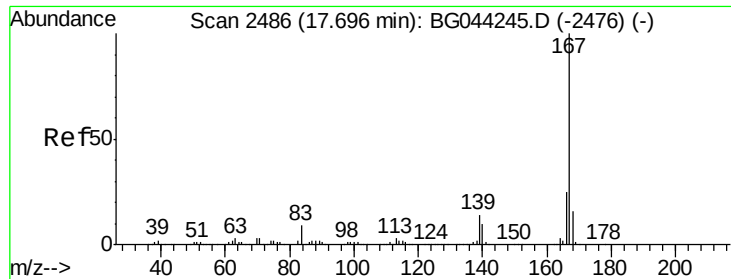
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#72
Anthracene
Concen: 50.84 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.02 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion:178 Resp: 1058045
Ion Ratio Lower Upper
178 100
176 21.1 17.0 25.4
179 17.2 14.4 21.6





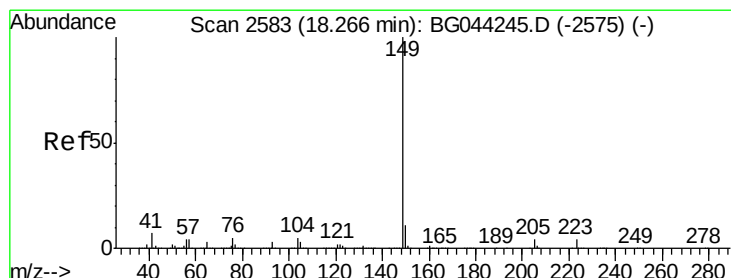
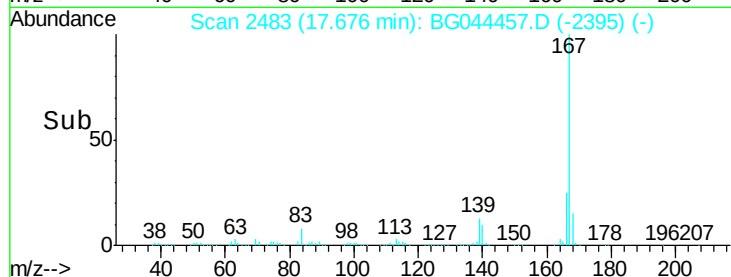
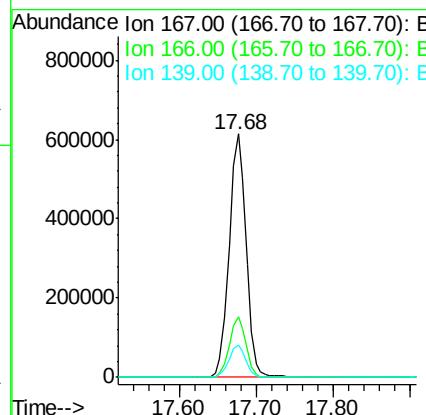
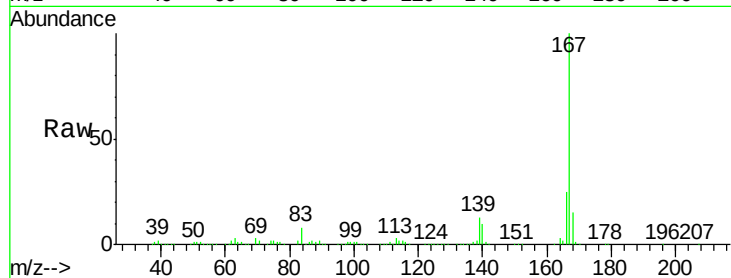
#73
 Carbazole
 Concen: 49.28 ng
 RT: 17.68 min Scan# 2483
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-01-CMSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.0	19.8	29.6
139	13.4	11.1	16.7

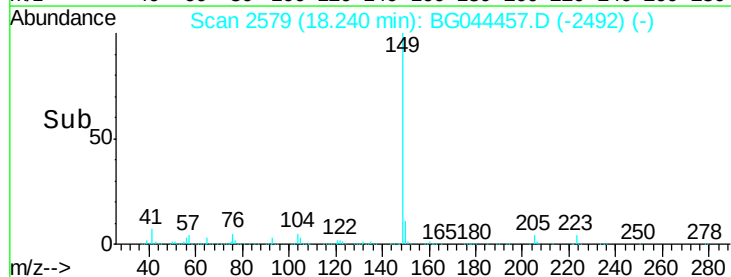
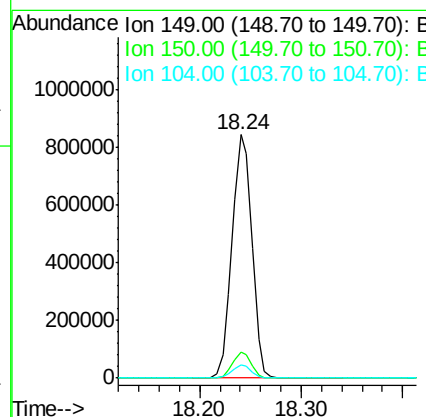
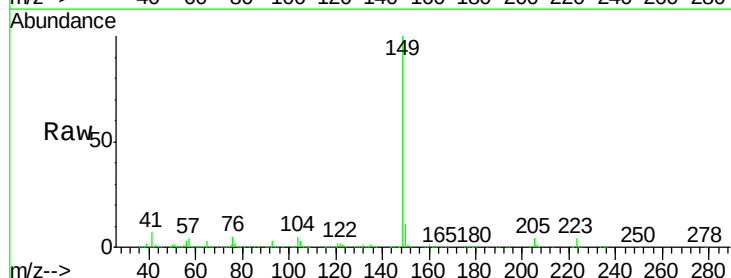
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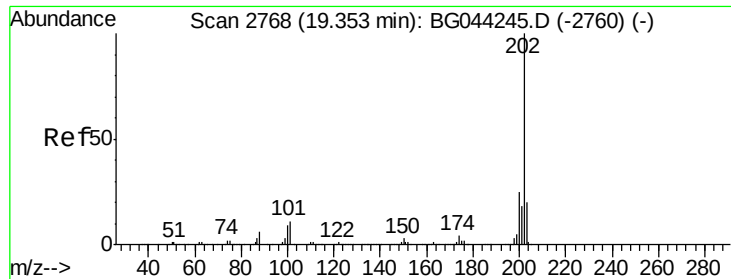
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#74
 Di-n-butylphthalate
 Concen: 48.30 ng
 RT: 18.24 min Scan# 2579
 Delta R.T. -0.02 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.7	13.1
104	5.3	4.3	6.5





#75

Fluoranthene

Concen: 52.74 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

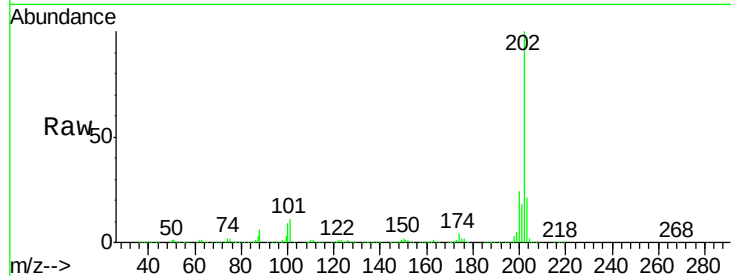
ClientSampleId :

MARCY-GREEN-BH-01-CMSD

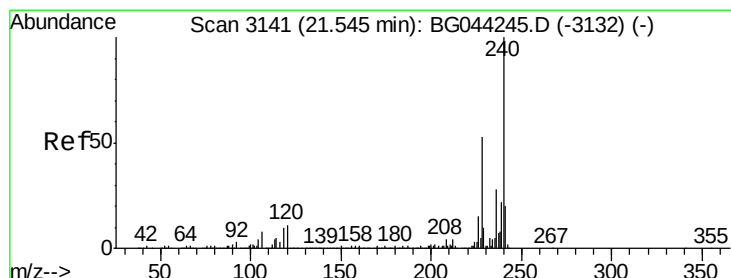
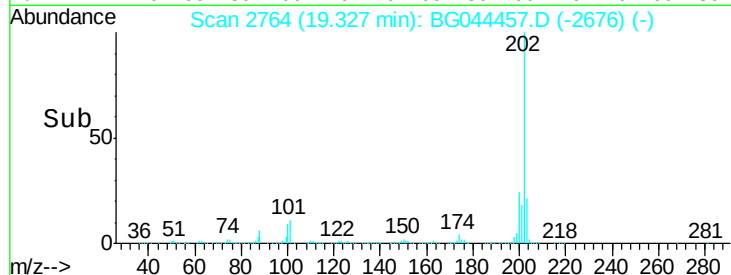
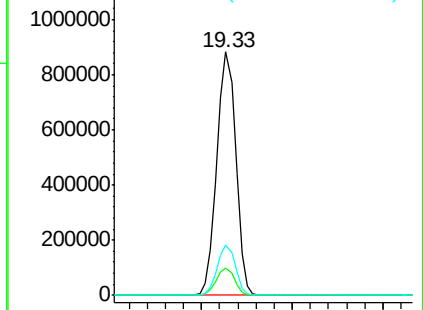
Tgt Ion:	202	Resp:	1284186
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.3
203	20.6	0.0	39.9

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



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.52 min Scan# 3137

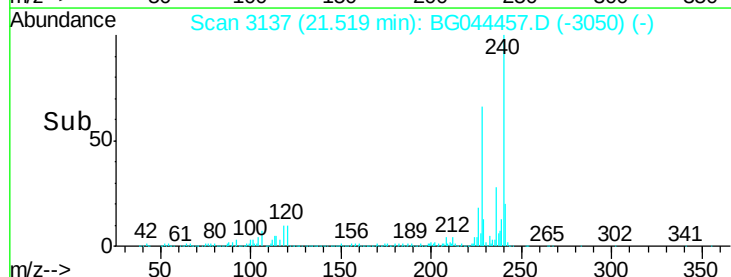
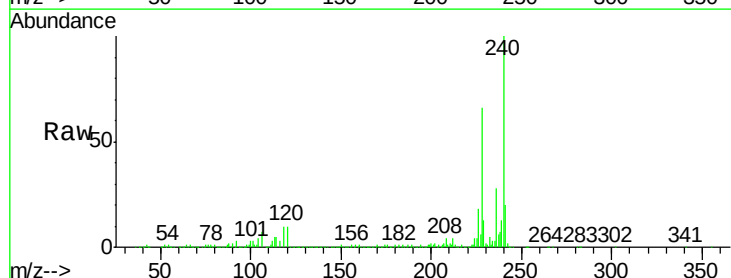
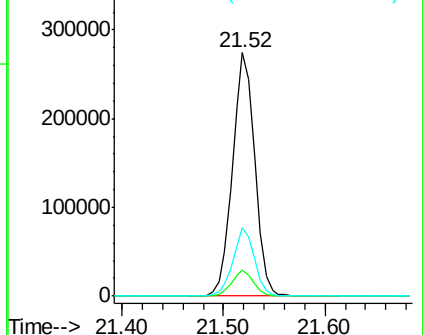
Delta R.T. -0.02 min

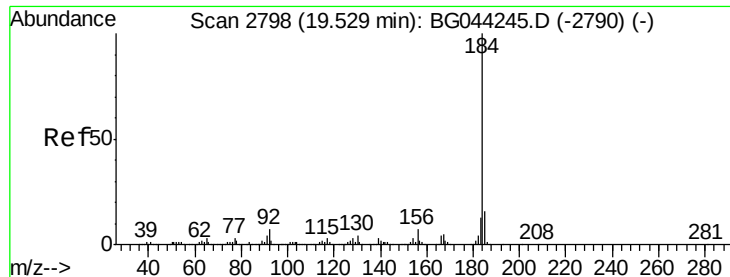
Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Tgt Ion:	240	Resp:	418288
Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	28.2	22.1	33.1

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





#77

Benzidine

Concen: 46.25 ng

RT: 19.50 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

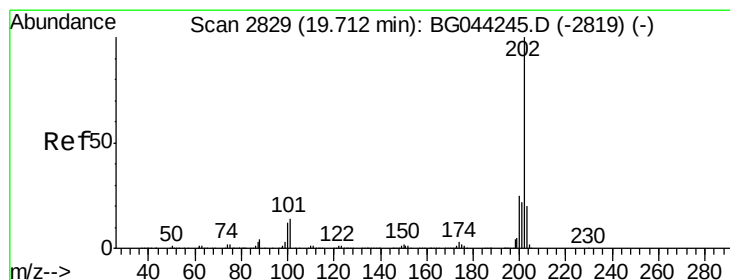
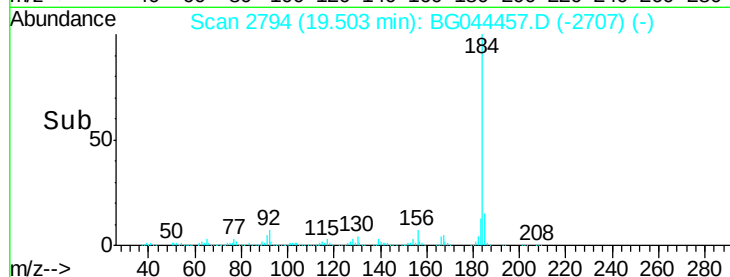
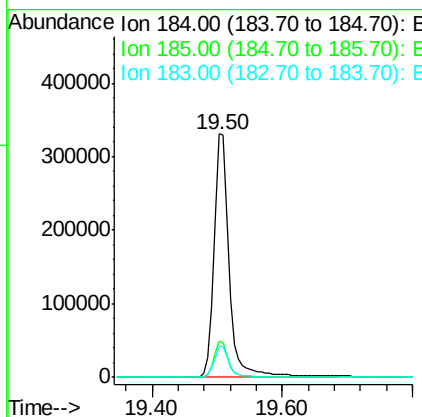
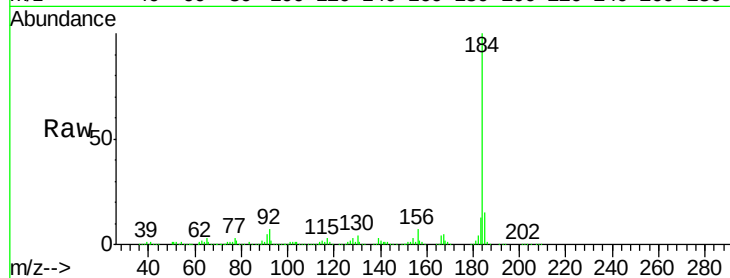
ClientSampleId :

MARCY-GREEN-BH-01-CMSD

Tgt Ion:	184	Resp:	536580
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.9	19.3
183	12.9	10.8	16.2

Manual Integrations
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#78

Pyrene

Concen: 47.61 ng

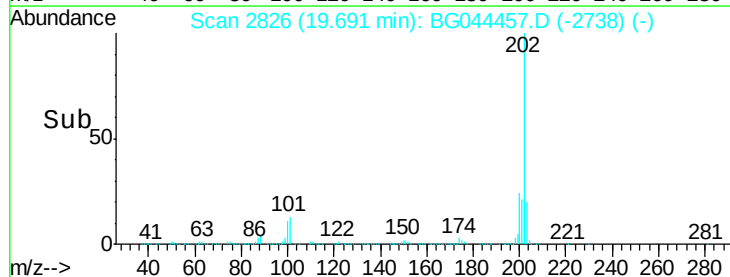
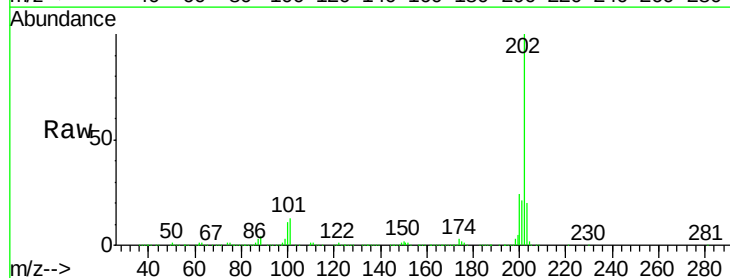
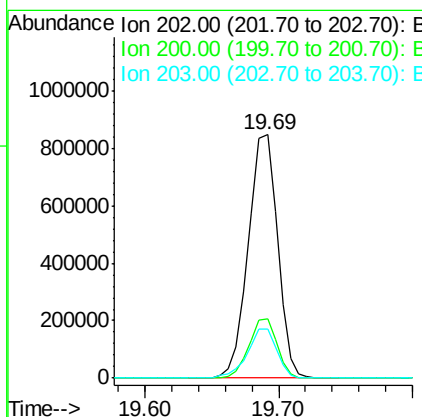
RT: 19.69 min Scan# 2826

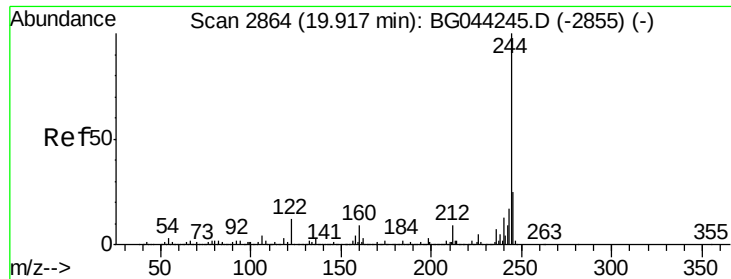
Delta R.T. -0.01 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Tgt Ion:	202	Resp:	1278932
Ion Ratio	Lower	Upper	
202	100		
200	24.2	20.0	30.0
203	20.3	16.2	24.2





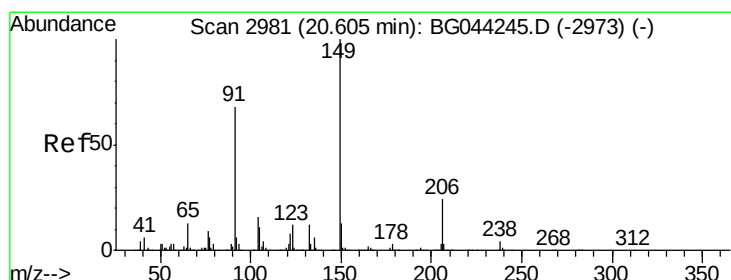
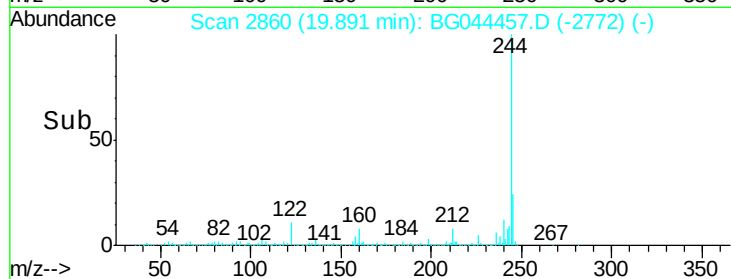
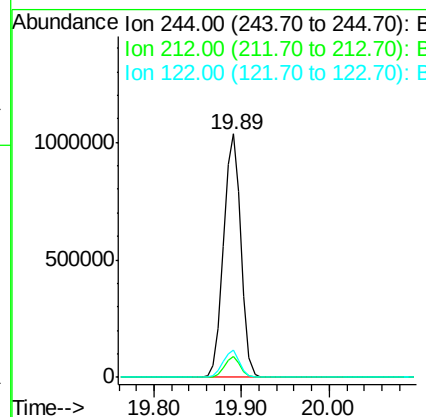
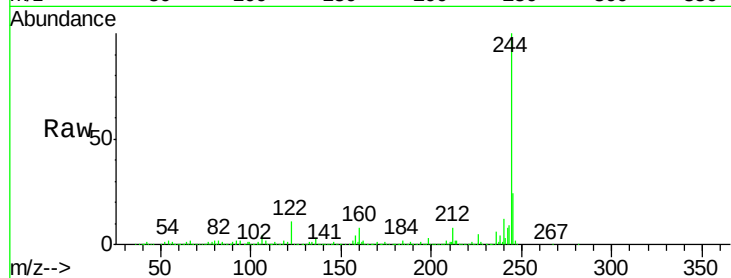
#79
 Terphenyl-d14
 Concen: 69.69 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-01-CMSD

Tgt Ion:244 Resp: 1417220
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.4 11.2
 122 11.1 9.8 14.6

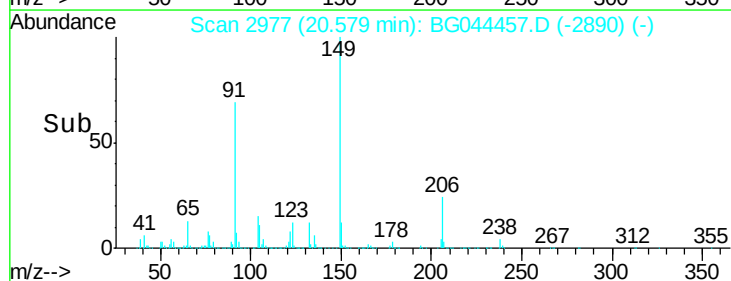
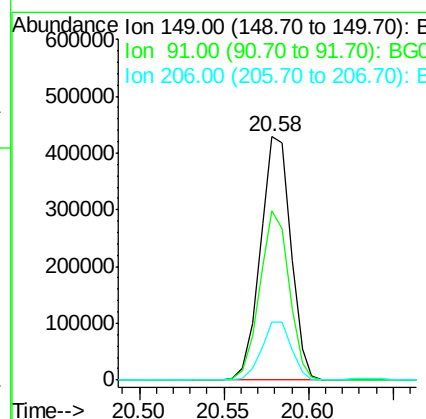
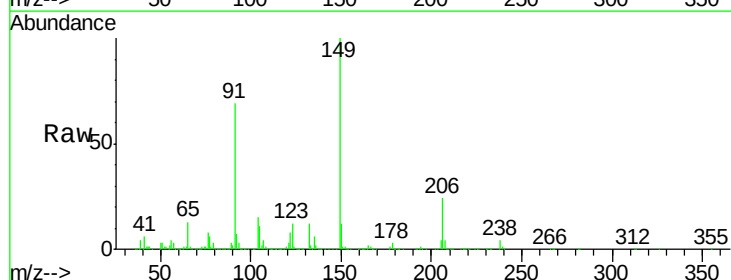
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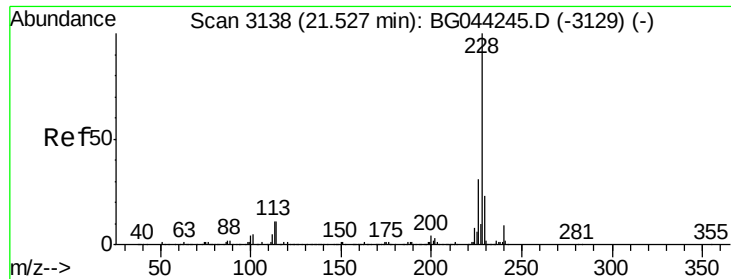
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#80
 Butylbenzylphthalate
 Concen: 43.84 ng
 RT: 20.58 min Scan# 2977
 Delta R.T. -0.02 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Tgt Ion:149 Resp: 536717
 Ion Ratio Lower Upper
 149 100
 91 69.3 54.5 81.7
 206 23.8 19.1 28.7





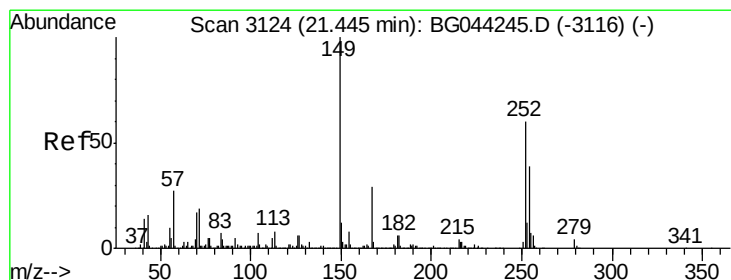
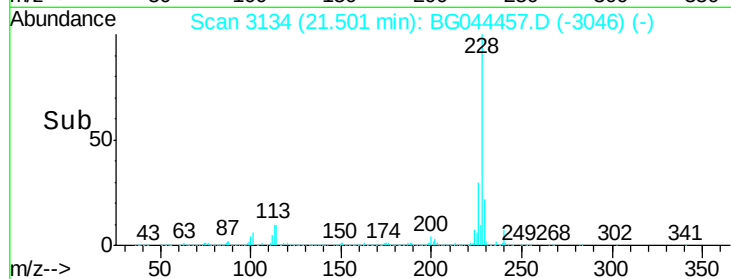
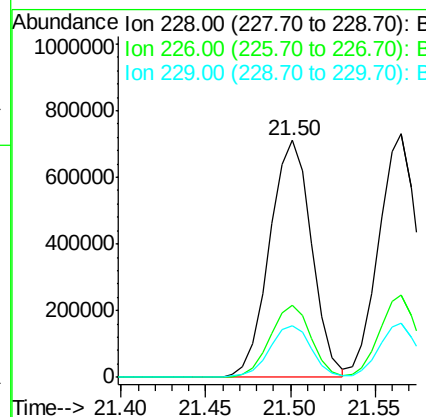
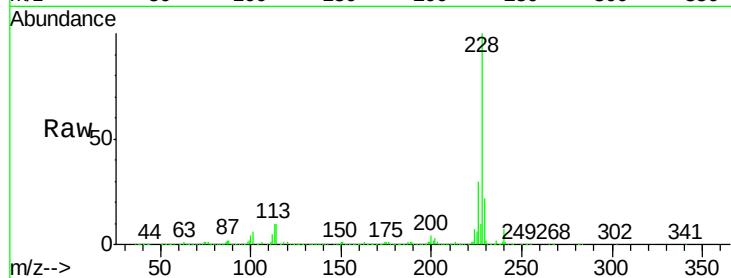
#81
Benzo(a)anthracene
Concen: 47.70 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-01-CMSD

Tgt Ion: 228 Resp: 1229724
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 22.1 18.2 27.4

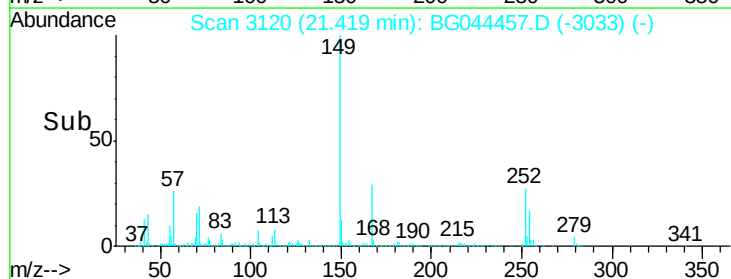
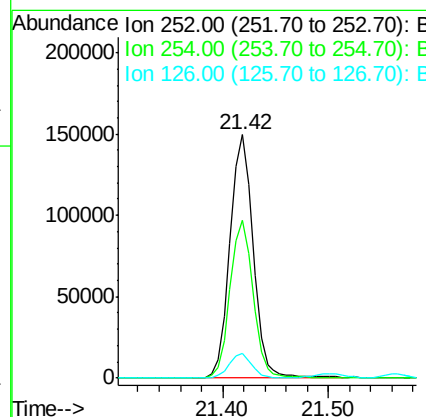
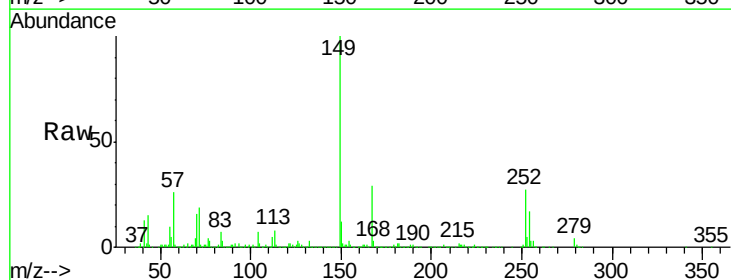
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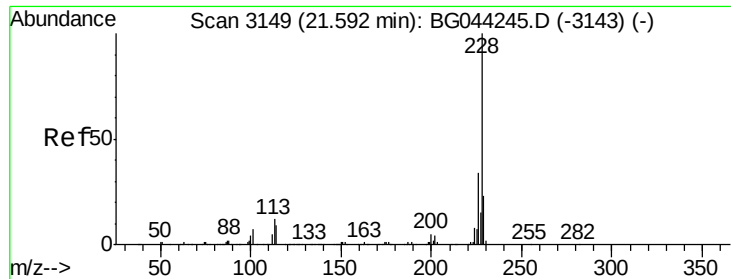
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 22.82 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.02 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion: 252 Resp: 228310
Ion Ratio Lower Upper
252 100
254 65.0 52.6 78.8
126 9.9 8.2 12.4





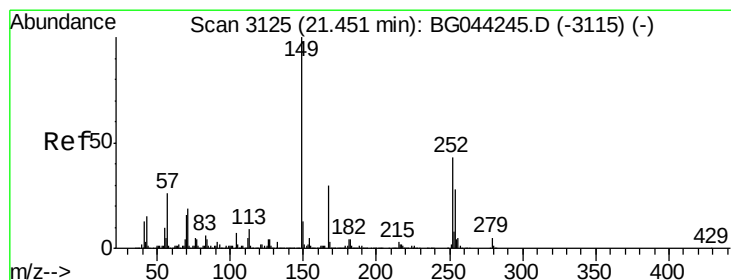
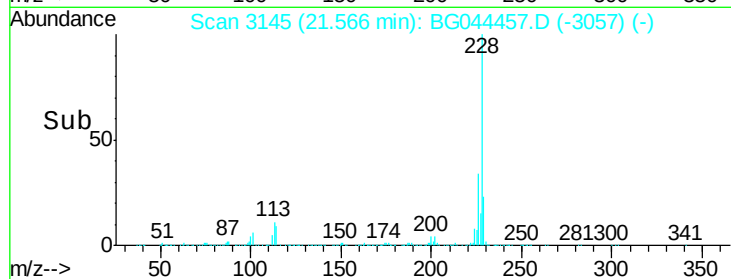
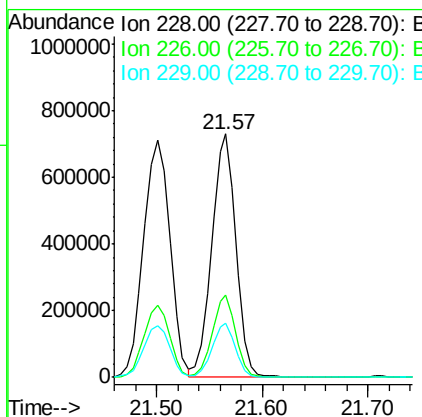
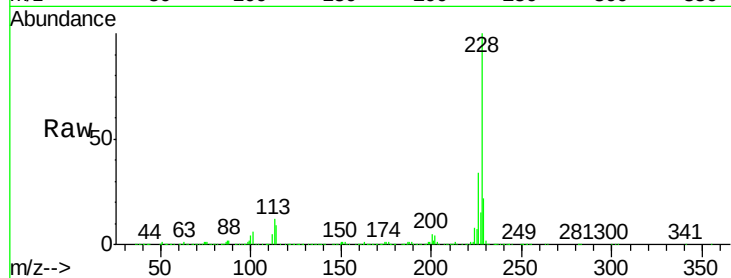
#83
Chrysene
 Concen: 46.69 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-01-CMSD

Tgt Ion: 228 Resp: 1163550
 Ion Ratio Lower Upper
 228 100
 226 34.0 27.1 40.7
 229 22.5 17.9 26.9

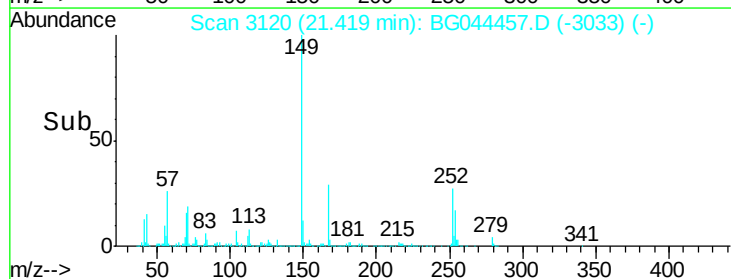
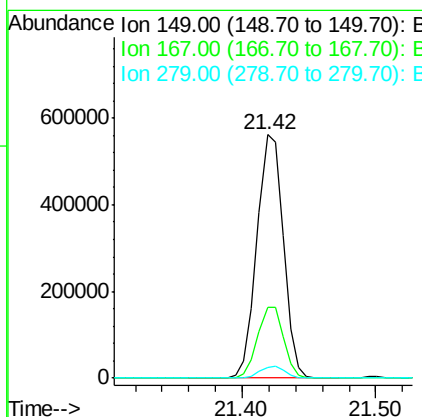
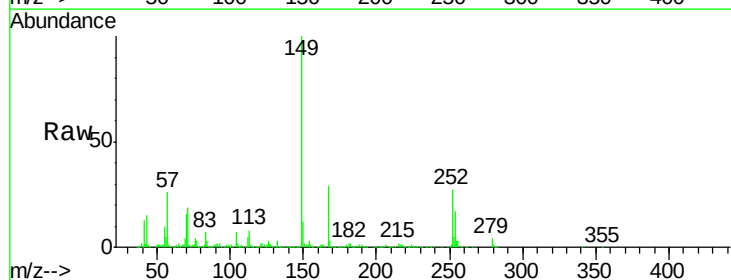
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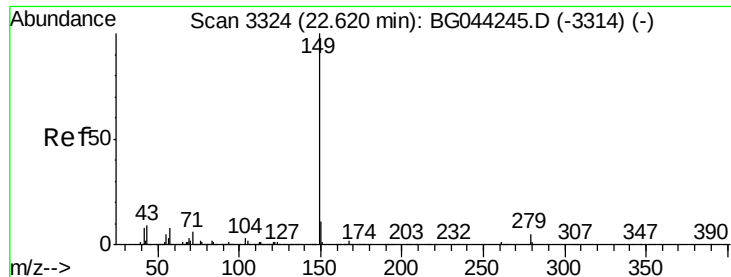
mohammad
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 45.37 ng
 RT: 21.42 min Scan# 3120
 Delta R.T. -0.02 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Tgt Ion: 149 Resp: 764422
 Ion Ratio Lower Upper
 149 100
 167 29.2 24.0 36.0
 279 4.4 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 46.12 ng

RT: 22.58 min Scan# 3318

Delta R.T. -0.02 min

Lab File: BG044457.D

Acq: 17 Feb 2020 21:37

Instrument :

BNA_G

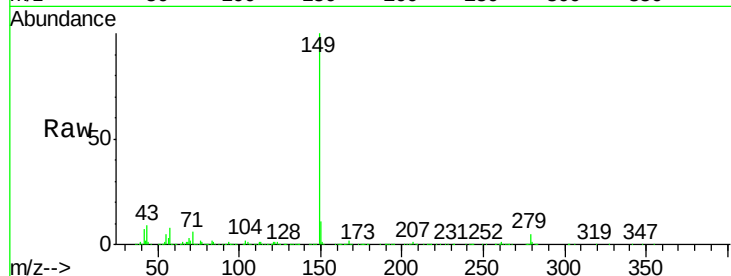
ClientSampleId :

MARCY-GREEN-BH-01-CMSD

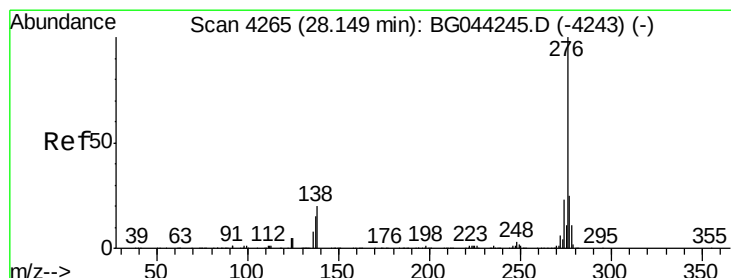
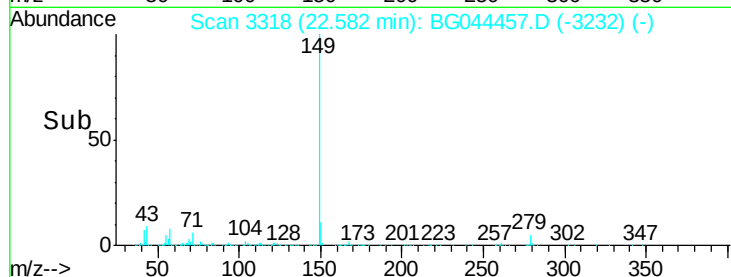
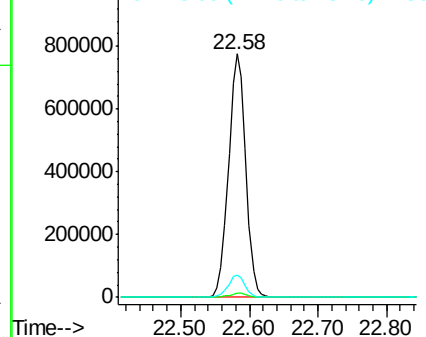
Tgt Ion:	149	Resp:	1344640
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	8.8	7.4	11.0

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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: 46.71 ng

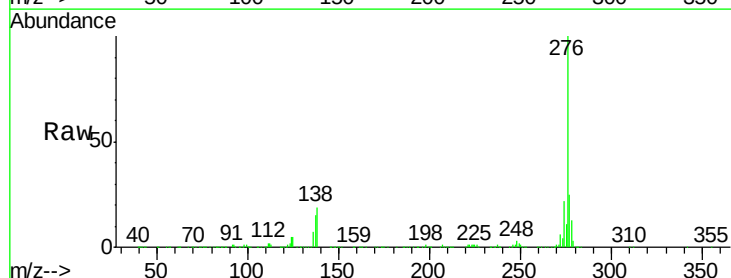
RT: 28.08 min Scan# 4254

Delta R.T. -0.04 min

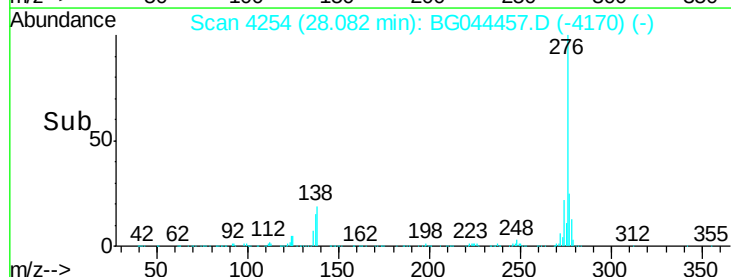
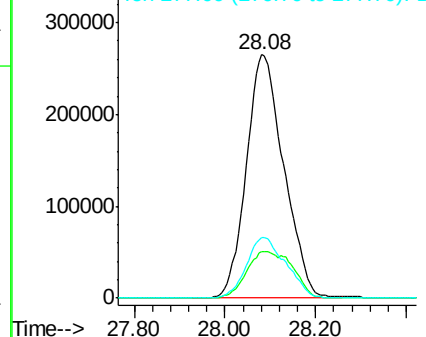
Lab File: BG044457.D

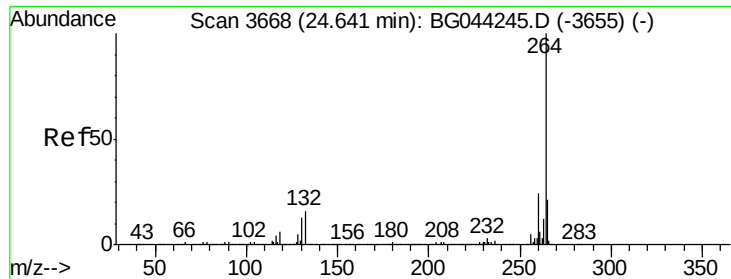
Acq: 17 Feb 2020 21:37

Tgt Ion:	276	Resp:	1518380
Ion Ratio	Lower	Upper	
276	100		
138	15.4	19.4	29.0#
277	26.3	21.0	31.6



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





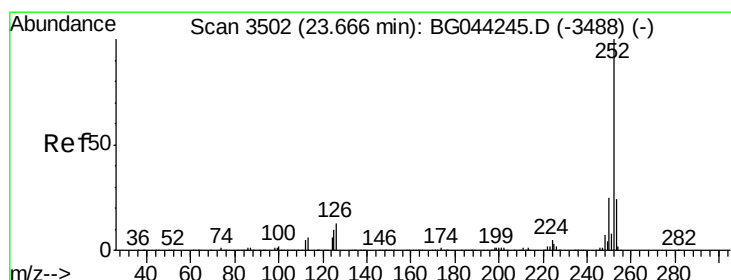
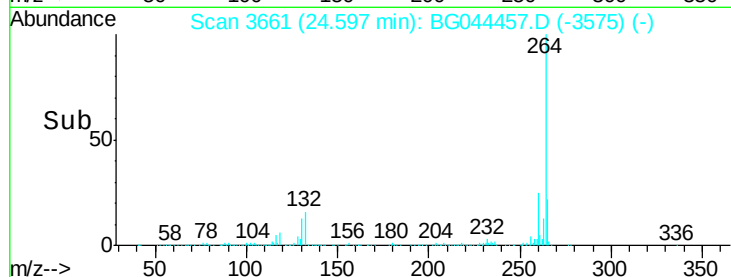
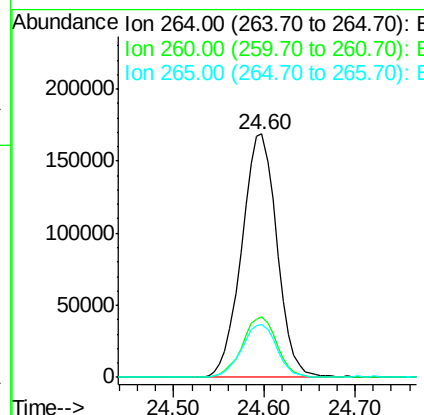
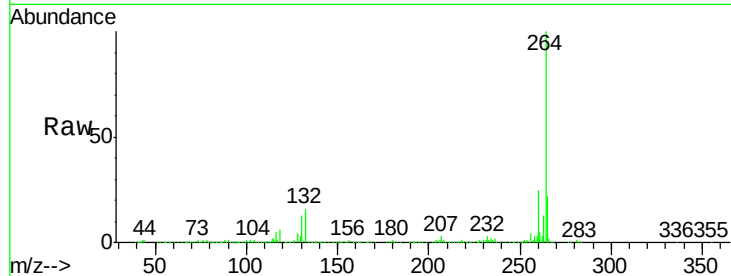
#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.60 min Scan# 3661
 Delta R.T. -0.02 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-01-CMSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.9	16.7	25.1

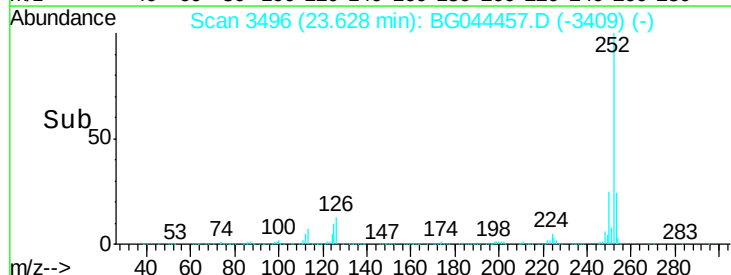
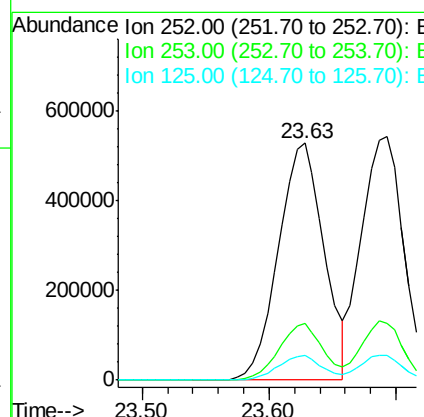
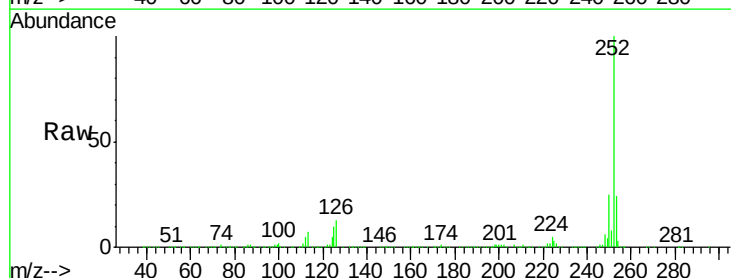
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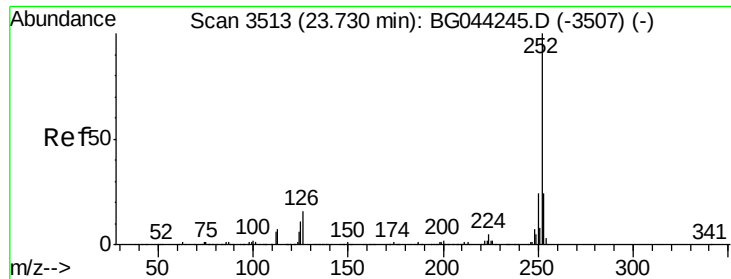
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#88
 Benzo(b)fluoranthene
 Concen: 50.26 ng
 RT: 23.63 min Scan# 3496
 Delta R.T. -0.02 min
 Lab File: BG044457.D
 Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.2	28.8
125	10.3	8.4	12.6





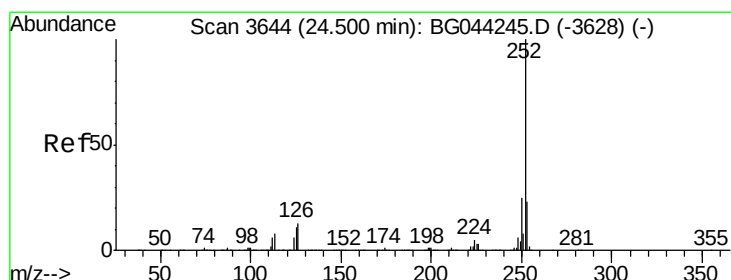
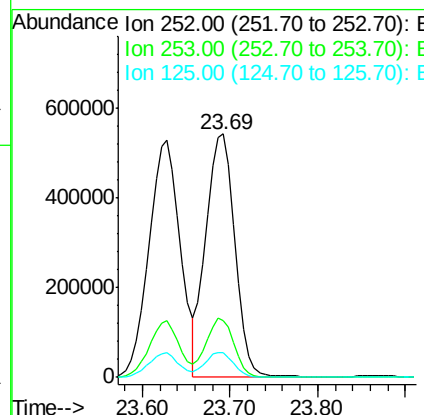
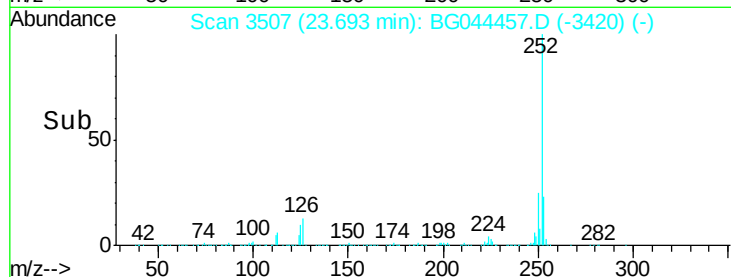
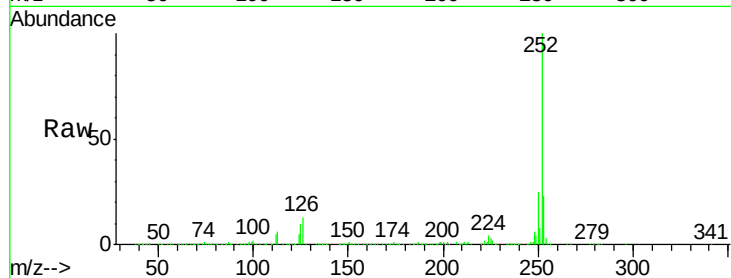
#89
Benzo(k)fluoranthene
Concen: 48.96 ng
RT: 23.69 min Scan# 3507
Delta R.T. -0.02 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-01-CMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.1	28.7
125	10.0	8.6	12.8

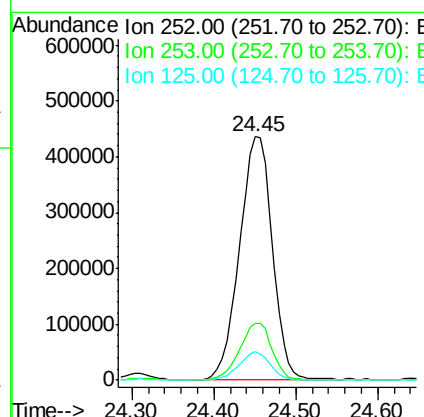
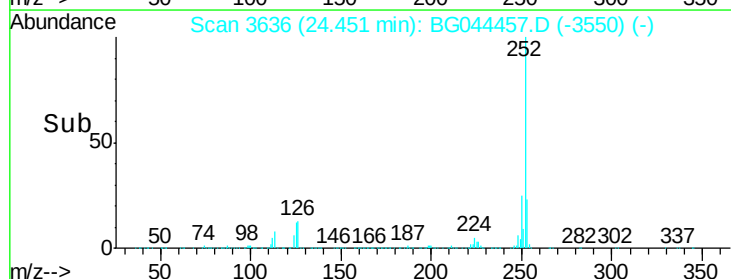
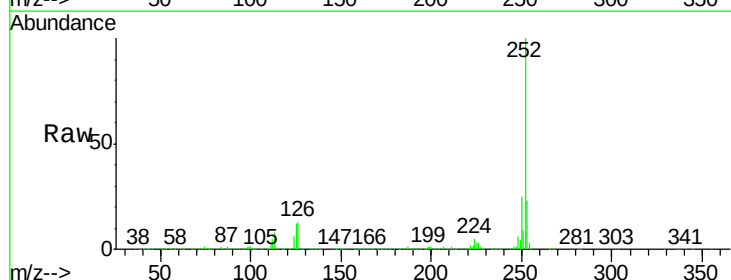
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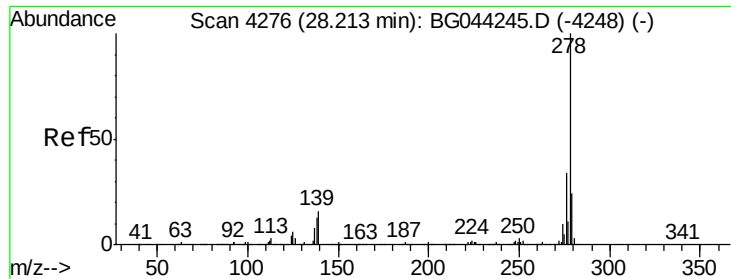
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#90
Benzo(a)pyrene
Concen: 49.03 ng
RT: 24.45 min Scan# 3636
Delta R.T. -0.02 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	11.6	8.6	13.0





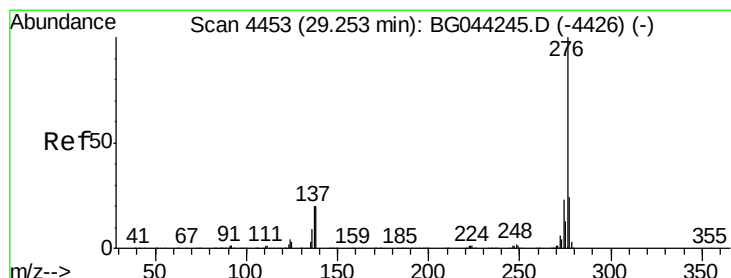
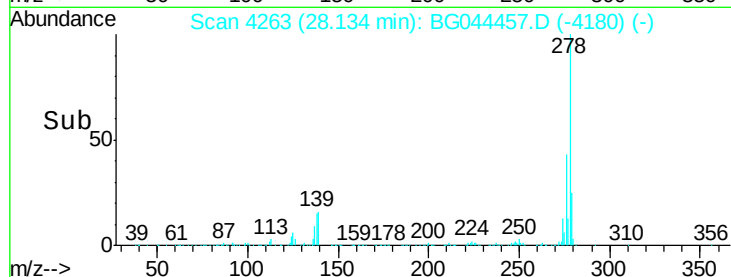
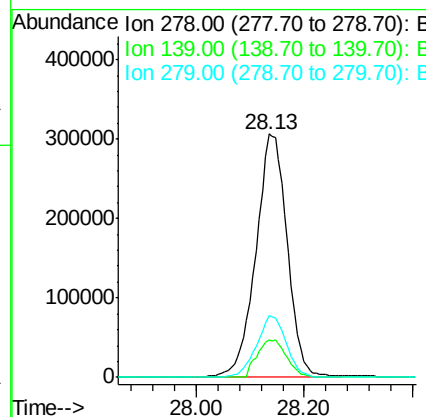
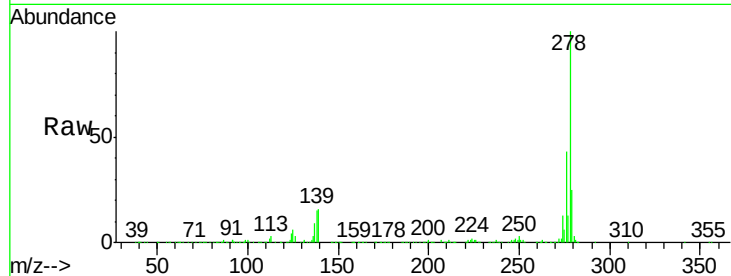
#91
Dibenzo(a,h)anthracene
Concen: 49.73 ng
RT: 28.13 min Scan# 4263
Delta R.T. -0.04 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-01-CMSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.7	19.1
279	25.3	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/18/2020 3:17:05 PM



#92
Benzo(g,h,i)perylene
Concen: 51.67 ng
RT: 29.17 min Scan# 4440
Delta R.T. -0.03 min
Lab File: BG044457.D
Acq: 17 Feb 2020 21:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.8	28.2
138	20.2	16.2	24.2

