

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044792.D
 Acq On : 14 Mar 2020 10:28
 Operator : CG/JU
 Sample : L1826-01MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MSD

Manual Integrations
 APPROVED

mohammad
 3/18/2020 8:43:34 AM

Quant Time: Mar 16 02:36:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	115948	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	483958	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	331282	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	700500	20.00	ng	0.00
76) Chrysene-d12	21.70	240	560352	20.00	ng	-0.01
87) Perylene-d12	24.92	264	622688	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	922498	123.85	ng	0.00
7) Phenol-d6	7.21	99	1203288	111.19	ng	0.00
23) Nitrobenzene-d5	9.21	82	947081	85.87	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	573046	132.11	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1892190	81.79	ng	0.00
79) Terphenyl-d14	20.05	244	2475333	82.63	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	112568	31.384	ng	# 39
3) Pyridine	3.94	79	197600	18.610	ng	99
4) n-Nitrosodimethylamine	3.83	42	161092	39.986	ng	93
6) Aniline	7.37	93	163992	12.178	ng	96
8) 2-Chlorophenol	7.62	128	377659	50.792	ng	98
9) Benzaldehyde	7.18	77	273130	42.048	ng	97
10) Phenol	7.24	94	450962	42.091	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	384440	44.960	ng	97
12) 1,3-Dichlorobenzene	7.94	146	401409	43.825	ng	96
13) 1,4-Dichlorobenzene	8.09	146	398402	43.997	ng	98
14) 1,2-Dichlorobenzene	8.41	146	380107	44.261	ng	96
15) Benzyl Alcohol	8.29	79	409113	47.117	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	585805	38.822	ng	99
17) 2-Methylphenol	8.49	107	342059	47.132	ng	92
18) Hexachloroethane	9.15	117	155110	43.509	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	334217	43.737	ng	96
20) 3+4-Methylphenols	8.82	107	474158	47.395	ng	100
22) Acetophenone	8.88	105	595616	43.442	ng	# 97
24) Nitrobenzene	9.25	77	499073	43.611	ng	100
25) Isophorone	9.78	82	931769	43.288	ng	98
26) 2-Nitrophenol	9.97	139	215878	53.610	ng	96
27) 2,4-Dimethylphenol	10.03	122	341704	48.748	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	531620	41.385	ng	98
29) 2,4-Dichlorophenol	10.50	162	392519	47.942	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	425591	43.473	ng	98
31) Naphthalene	10.92	128	1210762	45.162	ng	98
32) Benzoic acid	10.17	122	231358	43.502	ng	96
33) 4-Chloroaniline	11.02	127	43777	3.624	ng	96
34) Hexachlorobutadiene	11.21	225	280454	43.563	ng	97
35) Caprolactam	11.78	113	106445m	34.338	ng	
36) 4-Chloro-3-methylphenol	12.14	107	454314	46.526	ng	97
37) 2-Methylnaphthalene	12.51	142	882346	43.998	ng	99
38) 1-Methylnaphthalene	12.74	142	839069	44.505	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	483472	44.314	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	282991	47.462	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	344183	47.536	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	359012	47.812	ng	98
46) 1,1'-Biphenyl	13.52	154	1098295	41.487	ng	97
47) 2-Chloronaphthalene	13.57	162	845548	41.810	ng	99
48) 2-Nitroaniline	13.75	65	321952	45.473	ng	97
49) Acenaphthylene	14.41	152	1377454	43.476	ng	98
50) Dimethylphthalate	14.14	163	1225488	46.446	ng	99
51) 2,6-Dinitrotoluene	14.25	165	252970	47.565	ng	94
52) Acenaphthene	14.75	154	896377	43.200	ng	100
53) 3-Nitroaniline	14.58	138	97437	15.935	ng	98
54) 2,4-Dinitrophenol	14.78	184	102379	41.328	ng	# 72
55) Dibenzofuran	15.09	168	1316786	43.762	ng	100
56) 4-Nitrophenol	14.89	139	389089	83.378	ng	97
57) 2,4-Dinitrotoluene	15.04	165	351814	48.233	ng	91
58) Fluorene	15.73	166	1055678	42.650	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	337501	48.820	ng	95
60) Diethylphthalate	15.51	149	1133445	41.187	ng	100
61) 4-Chlorophenyl-phenylether	15.73	204	574938	43.138	ng	97
62) 4-Nitroaniline	15.74	138	210536	32.290	ng	89
63) Azobenzene	16.02	77	1178279	41.231	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	86003	29.617	ng	95
66) n-Nitrosodiphenylamine	15.94	169	953339	45.204	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	395727	45.189	ng	100
68) Hexachlorobenzene	16.74	284	430361	45.298	ng	99
69) Atrazine	16.89	200	368213	47.654	ng	97
70) Pentachlorophenol	17.08	266	516021	98.715	ng	98
71) Phenanthrene	17.48	178	1621937	43.328	ng	99
72) Anthracene	17.57	178	1653949	44.808	ng	100
73) Carbazole	17.83	167	1548640	43.677	ng	100
74) Di-n-butylphthalate	18.40	149	1843534	42.772	ng	99
75) Fluoranthene	19.48	202	1915748	42.982	ng	97
77) Benzidine	19.65	184	282088	15.507	ng	97
78) Pyrene	19.84	202	1888287	45.931	ng	97
80) Butylbenzylphthalate	20.73	149	825920	45.158	ng	98
81) Benzo(a)anthracene	21.68	228	1800564	44.624	ng	97
82) 3,3'-Dichlorobenzidine	21.60	252	443227	28.394	ng	# 99
83) Chrysene	21.75	228	1724809	44.750	ng	97
84) Bis(2-ethylhexyl)phthalate	21.61	149	1123956	44.528	ng	99
85) Di-n-octyl phthalate	22.83	149	1890439	44.755	ng	100
86) Indeno(1,2,3-cd)pyrene	28.59	276	2149292	42.534	ng	98
88) Benzo(b)fluoranthene	23.91	252	1932385	47.007	ng	99
89) Benzo(k)fluoranthene	23.98	252	1798551	46.232	ng	97
90) Benzo(a)pyrene	24.78	252	1734604	45.095	ng	98
91) Dibenzo(a,h)anthracene	28.66	278	1775213	46.780	ng	99
92) Benzo(g,h,i)perylene	29.72	276	1622342	42.314	ng	98

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

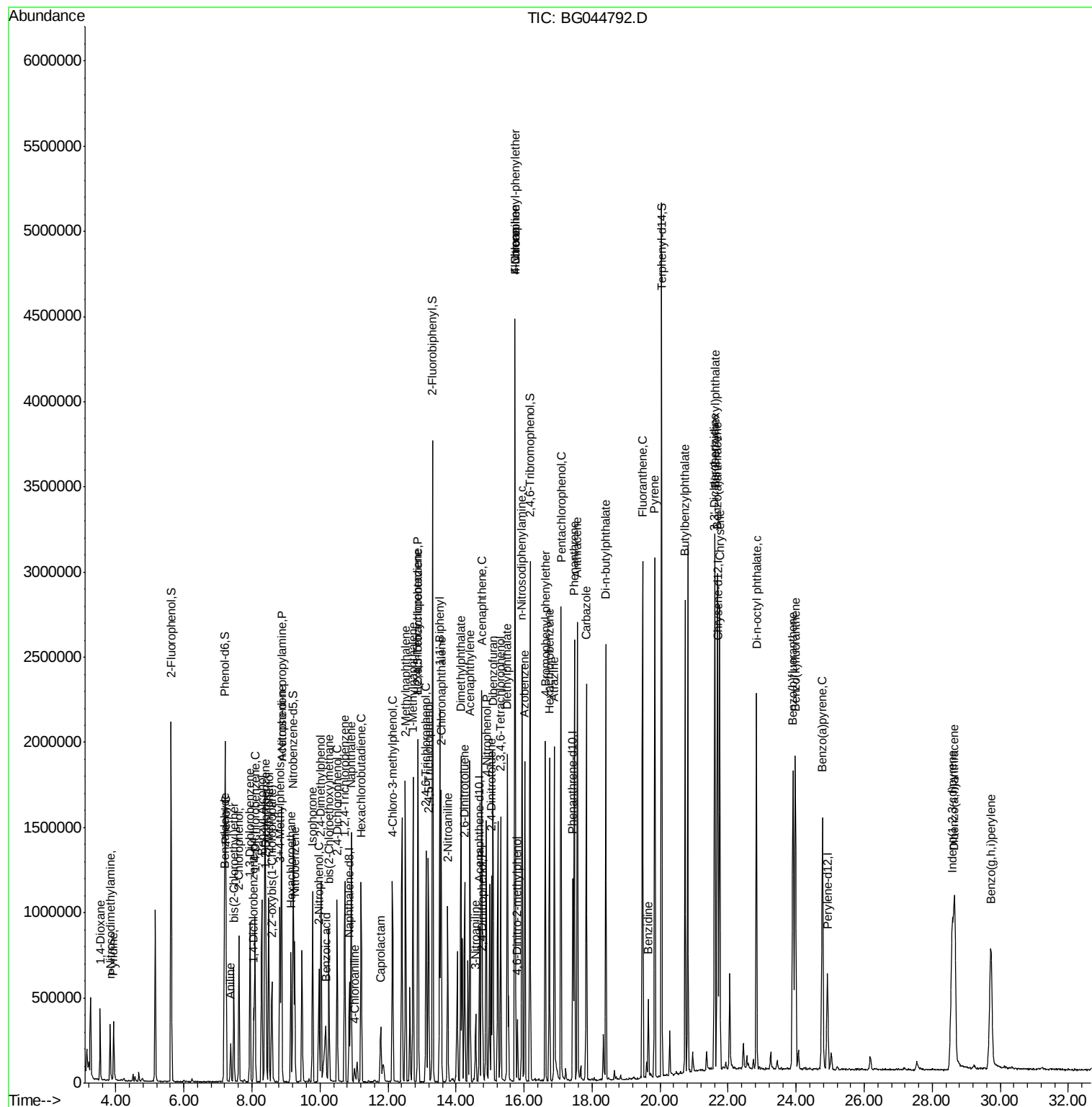
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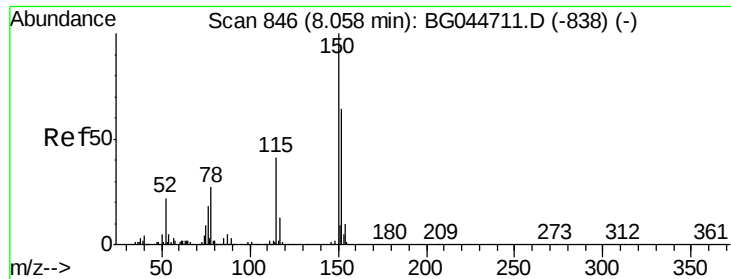
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#1

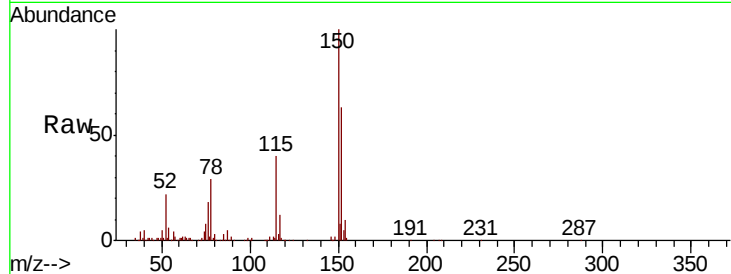
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	125.3	187.9
115	63.9	51.7	77.5

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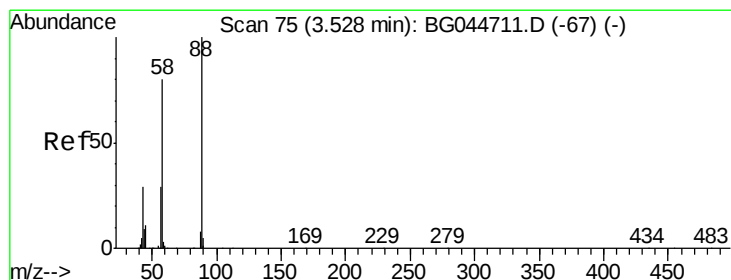
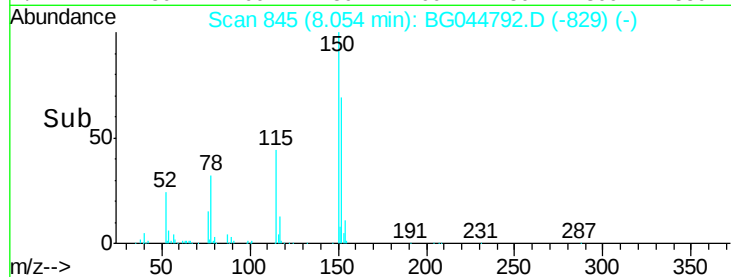
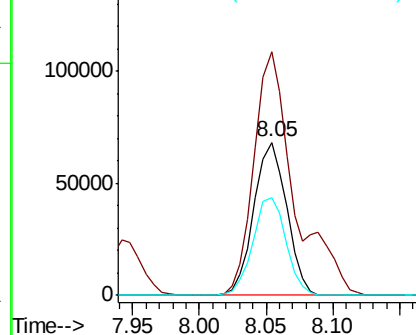


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

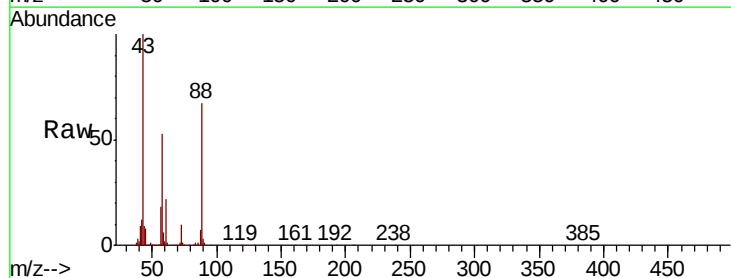
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.384 ng
RT: 3.54 min Scan# 76
Delta R.T. 0.01 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.7	63.0	94.4
43	149.2	23.2	34.8#

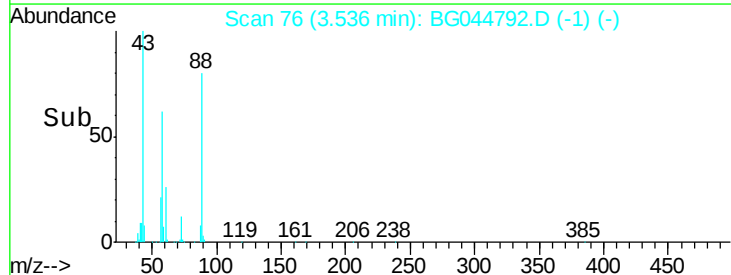
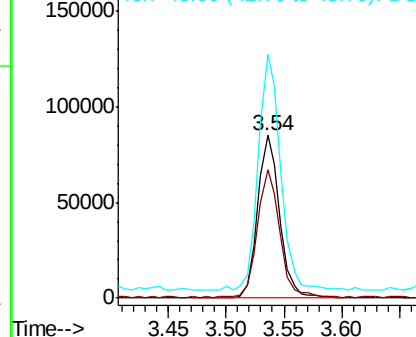


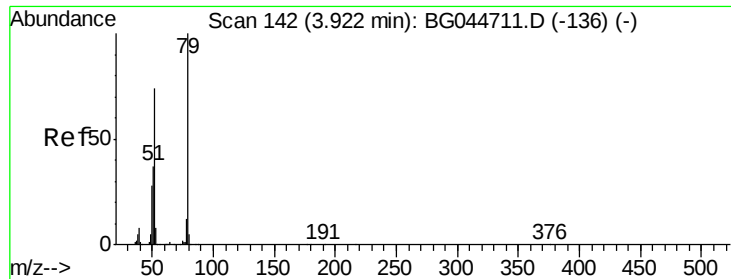
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 18.610 ng

RT: 3.94 min Scan# 144

Delta R.T. 0.01 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

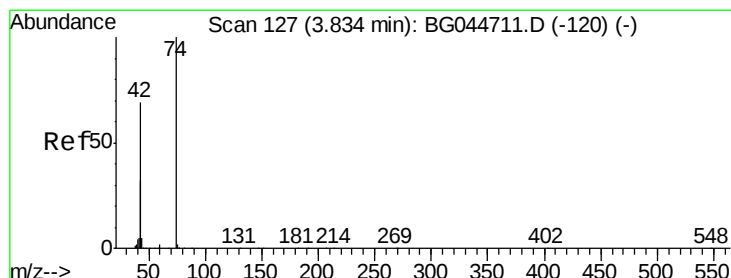
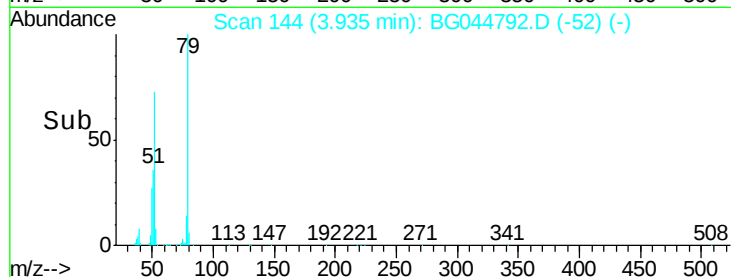
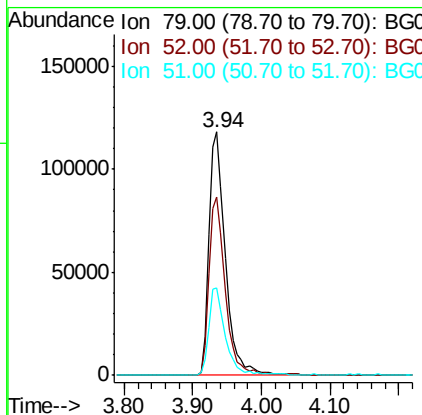
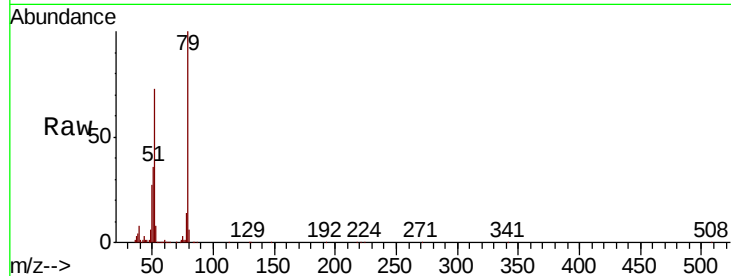
ClientSampleId :

MC5B39MSD

Tot Ion:	79	Resp:	197600
Ion Ratio	Lower	Upper	
79	100		
52	73.4	59.4	89.2
51	36.0	29.7	44.5

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#4

n-Nitrosodimethylamine

Concen: 39.986 ng

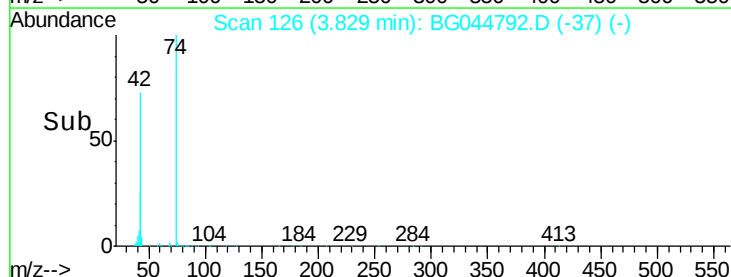
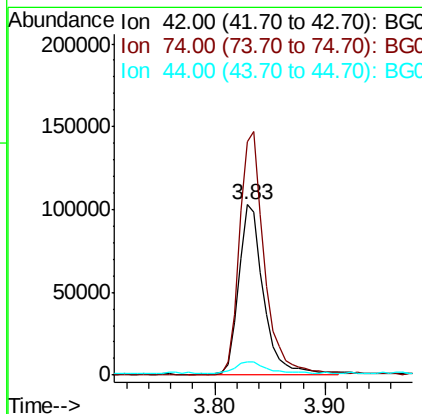
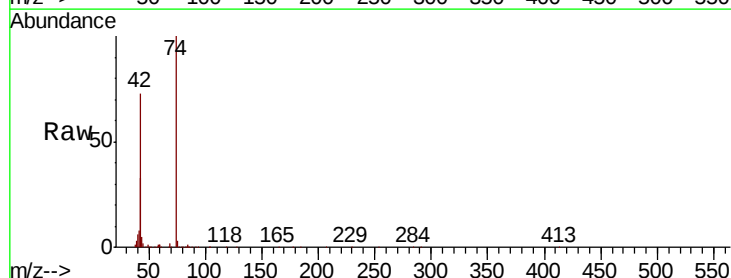
RT: 3.83 min Scan# 126

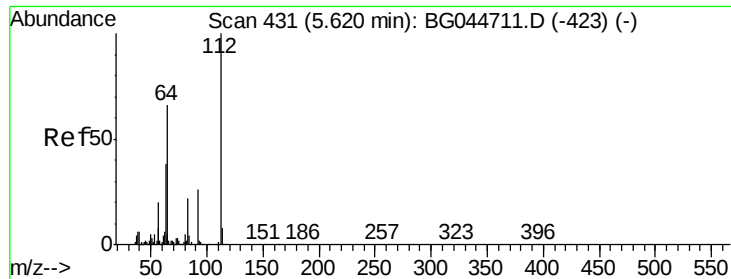
Delta R.T. -0.00 min

Lab File: BG044792.D

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Tgt Ion:	42	Resp:	161092
Ion Ratio	Lower	Upper	
42	100		
74	136.8	116.1	174.1
44	7.5	7.1	10.7





#5

2-Fluorophenol

Concen: 123.853 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

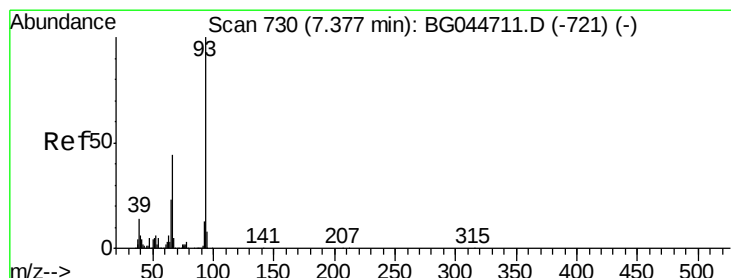
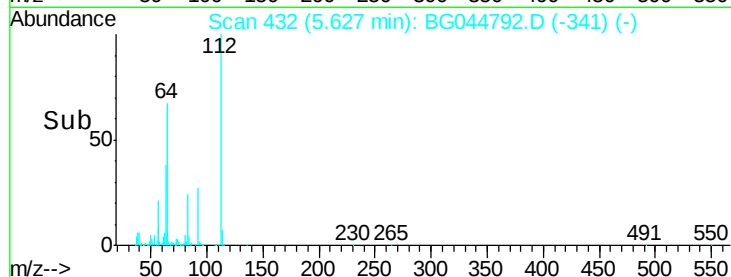
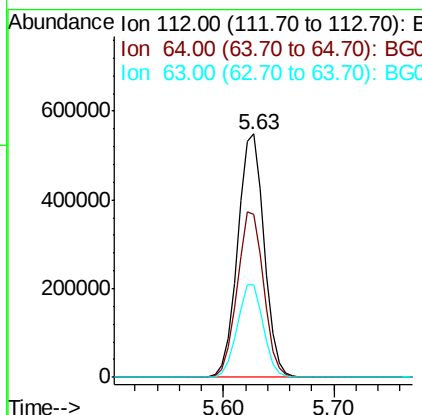
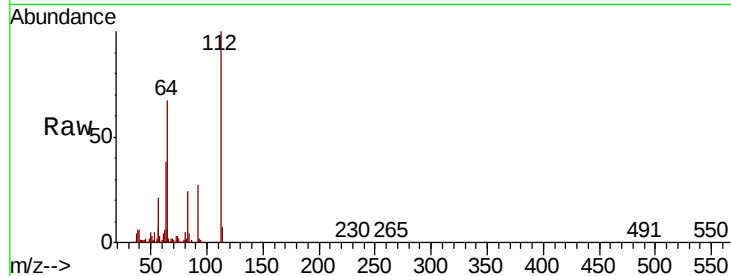
ClientSampleId :

MC5B39MSD

Tot Ion:	112	Resp:	922498
Ion Ratio	Lower	Upper	
112	100		
64	67.0	52.6	78.8
63	37.9	30.2	45.4

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#6

Aniline

Concen: 12.178 ng

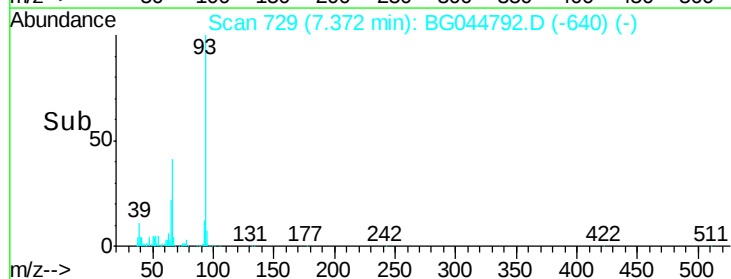
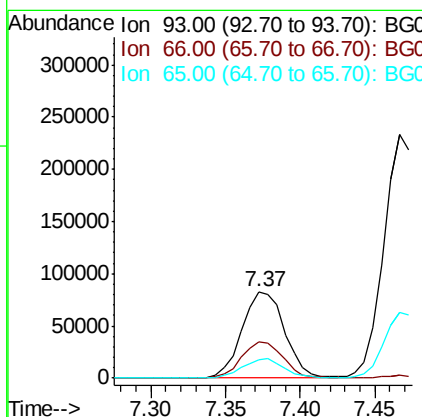
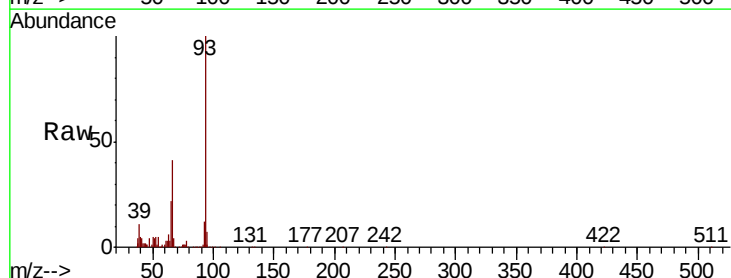
RT: 7.37 min Scan# 729

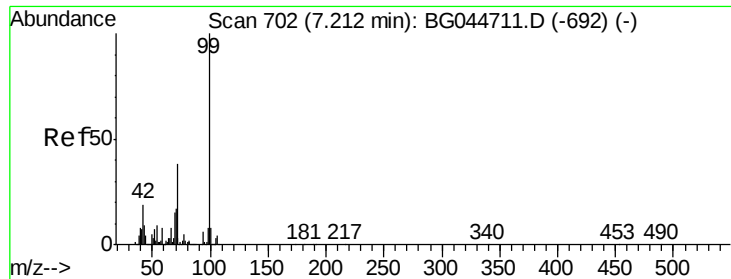
Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Tgt Ion:	93	Resp:	163992
Ion Ratio	Lower	Upper	
93	100		
66	41.1	35.3	52.9
65	21.5	18.2	27.4





#7

Phenol-d6

Concen: 111.190 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG044792.D

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MC5B39MSD

Tot Ion: 99 Resp: 1203288

Ion Ratio Lower Upper

99 100

42 18.6 15.4 23.0

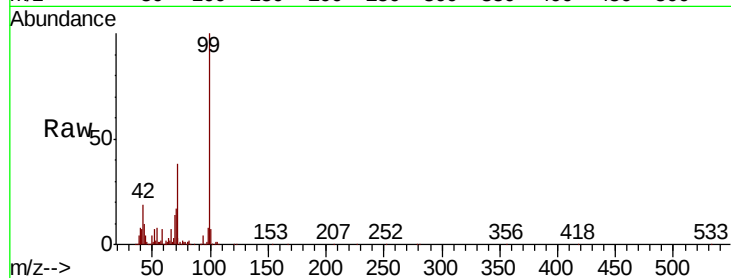
71 38.1 30.2 45.4

Manual Integrations

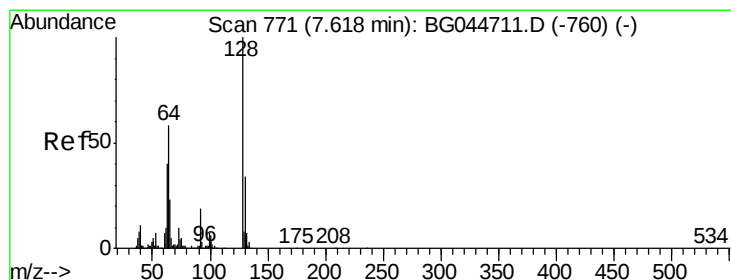
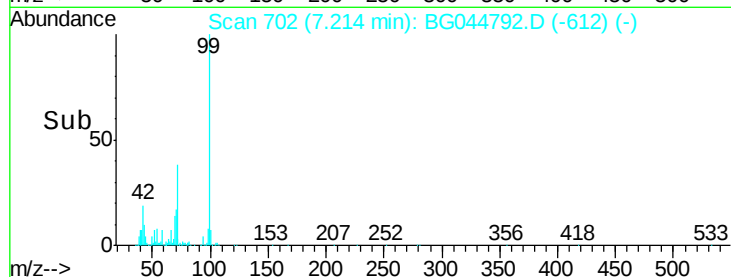
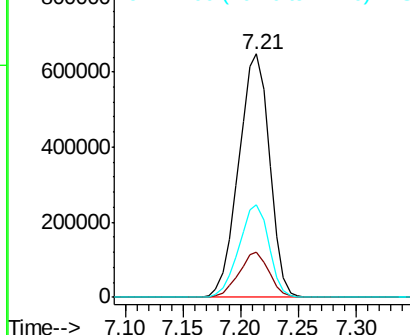
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 50.792 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

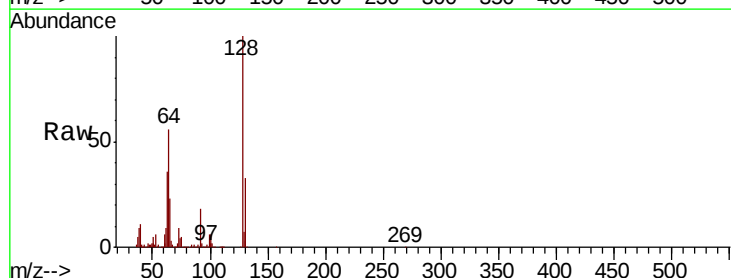
Tgt Ion: 128 Resp: 377659

Ion Ratio Lower Upper

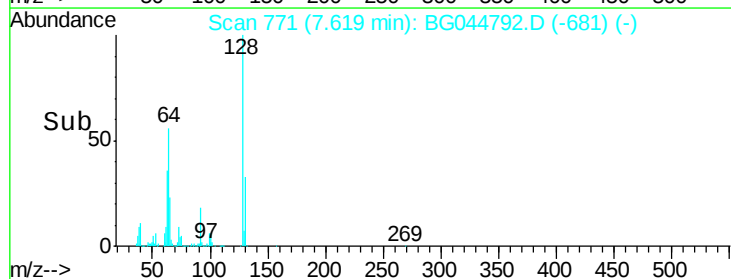
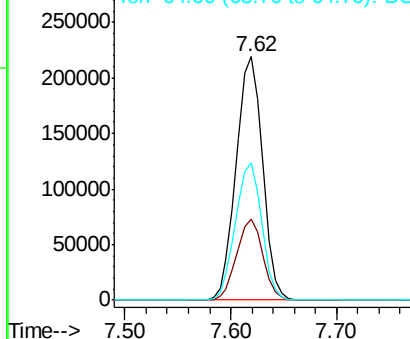
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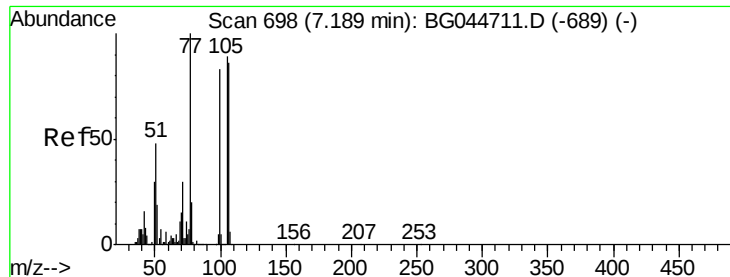
130 33.5 13.6 53.6

64 56.3 38.6 78.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 42.048 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

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BNA_G

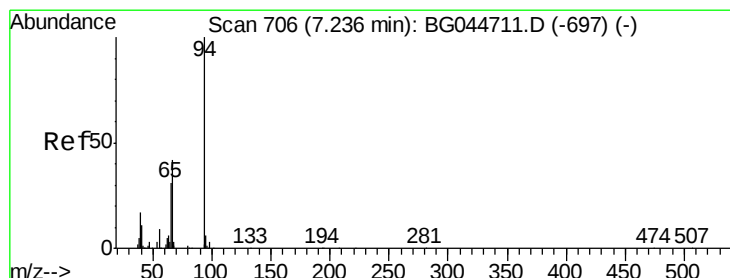
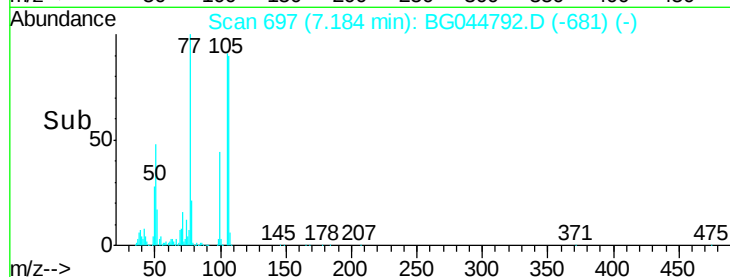
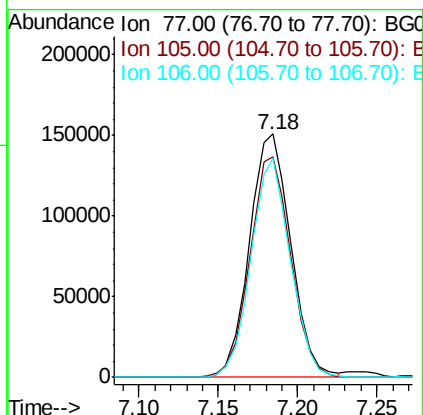
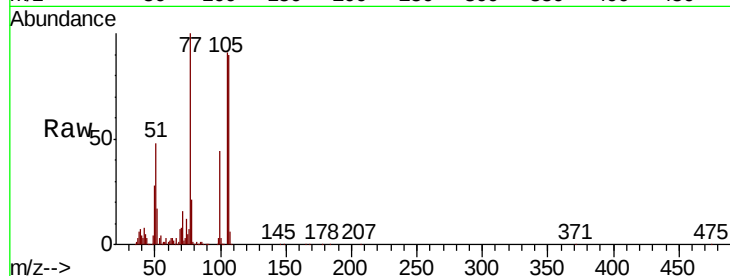
ClientSampleId :

MC5B39MSD

Tot Ion:	77	Resp:	273130
Ion Ratio	Lower	Upper	
77	100		
105	90.7	68.6	108.6
106	89.9	65.9	105.9

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#10

Phenol

Concen: 42.091 ng

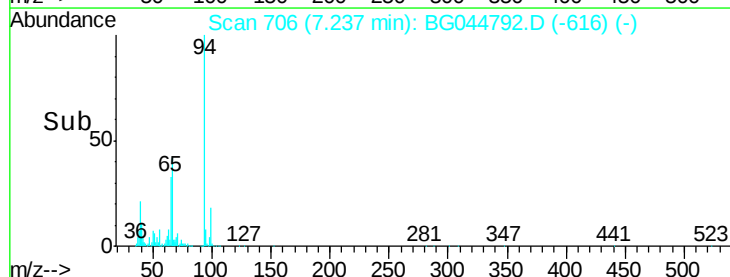
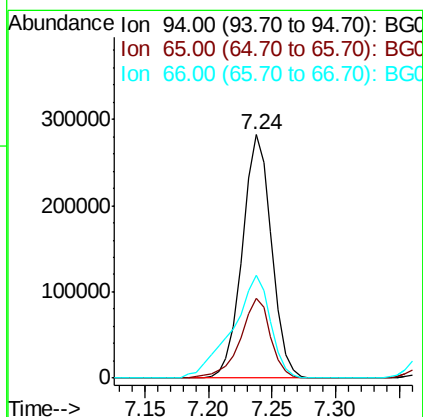
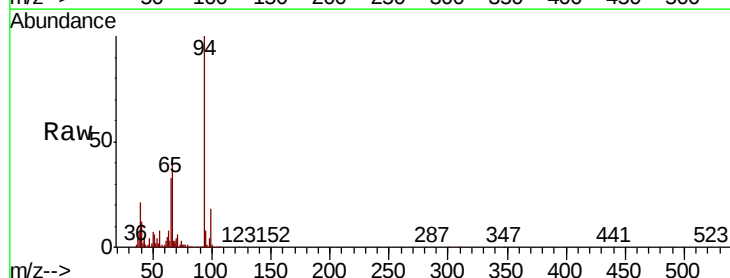
RT: 7.24 min Scan# 706

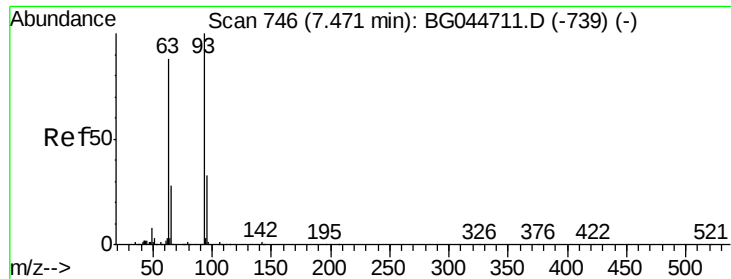
Delta R.T. 0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Tgt Ion:	94	Resp:	450962
Ion Ratio	Lower	Upper	
94	100		
65	32.6	11.3	51.3
66	42.2	22.9	62.9





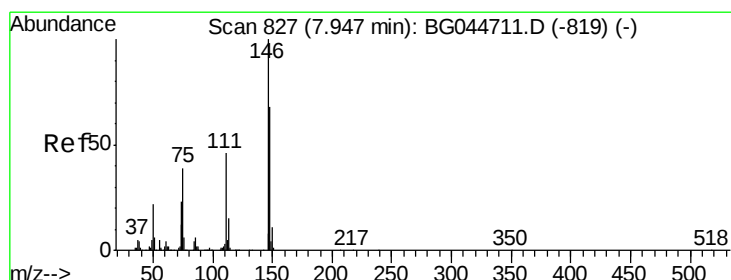
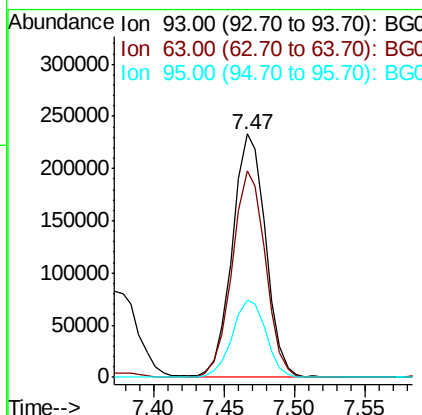
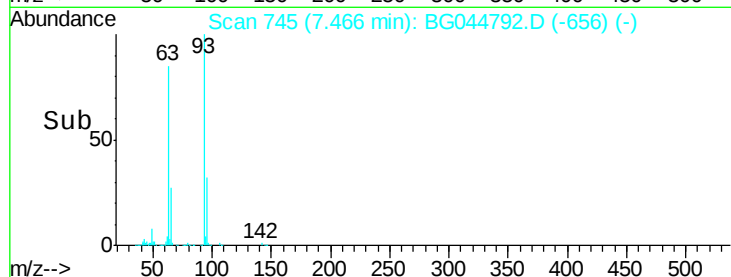
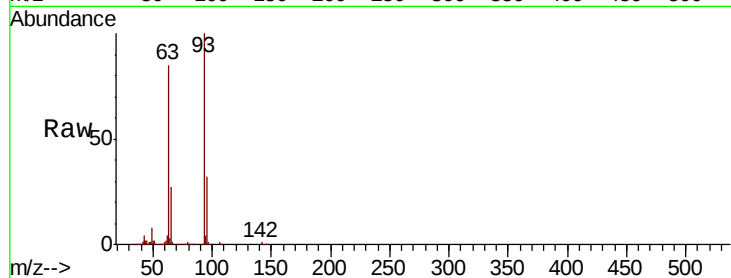
#11
bis(2-Chloroethyl)ether
Concen: 44.960 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.0	68.1	108.1
95	31.9	12.4	52.4

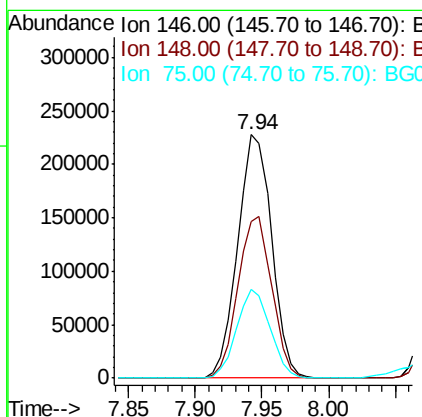
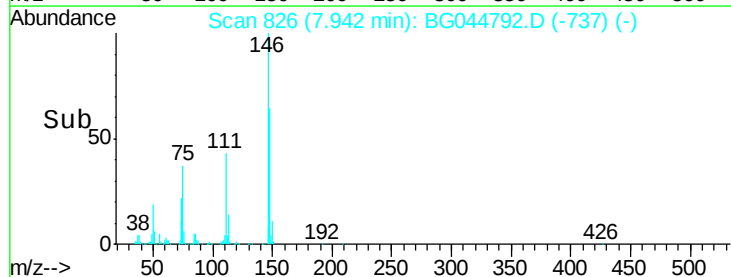
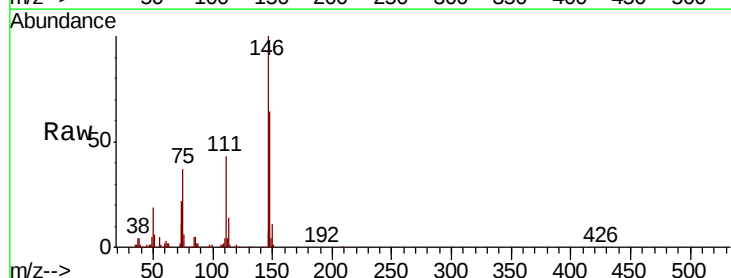
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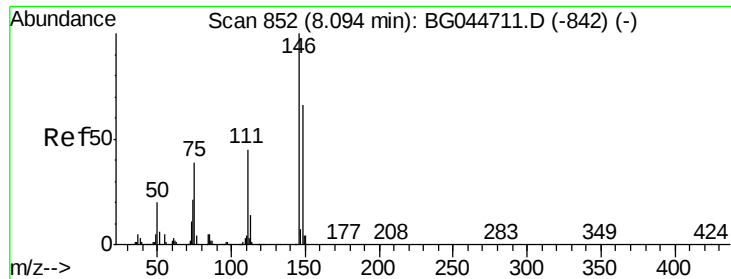
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#12
1,3-Dichlorobenzene
Concen: 43.825 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	54.2	81.2
75	36.6	31.3	46.9





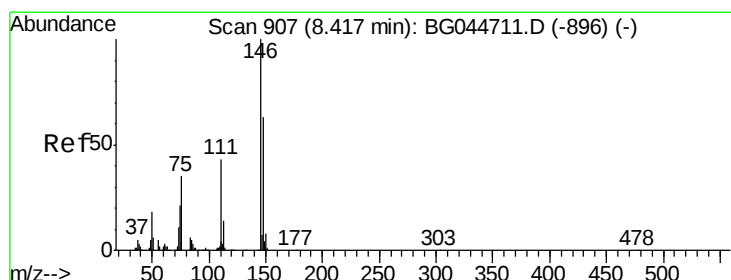
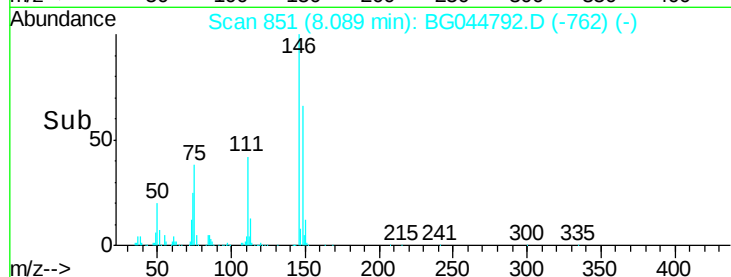
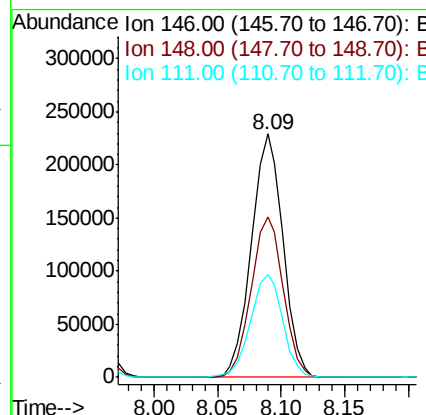
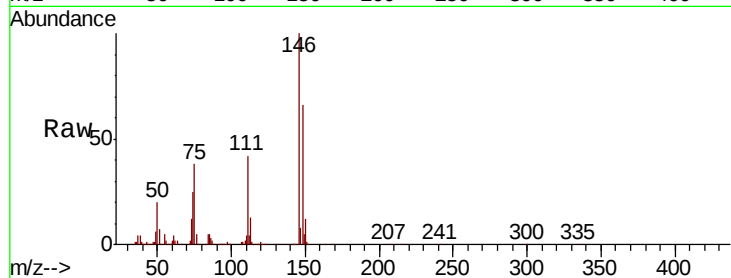
#13
1,4-Dichlorobenzene
Concen: 43.997 ng
RT: 8.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.9	79.3
111	42.1	35.6	53.4

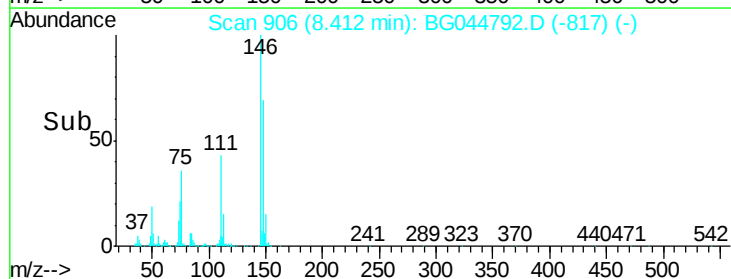
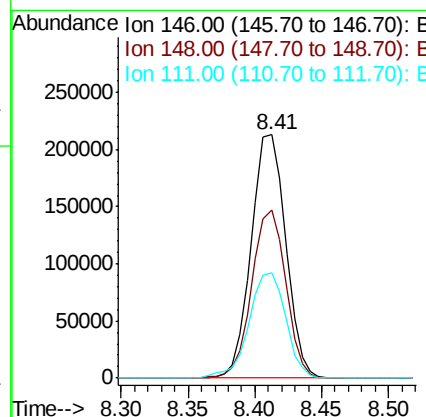
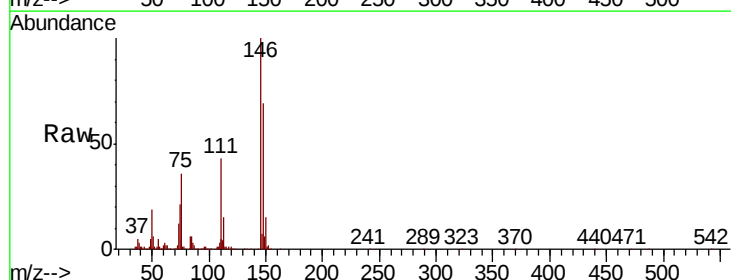
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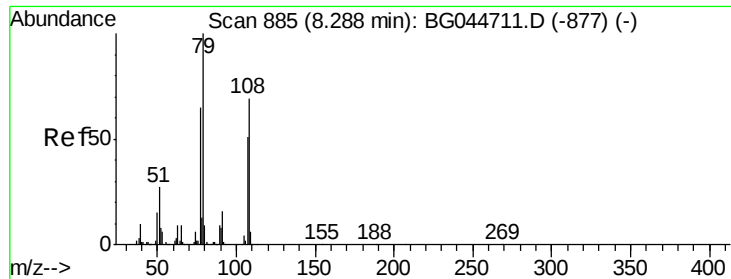
mohammad
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#14
1,2-Dichlorobenzene
Concen: 44.261 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.0	50.8	76.2
111	43.1	34.8	52.2





#15

Benzyl Alcohol

Concen: 47.117 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

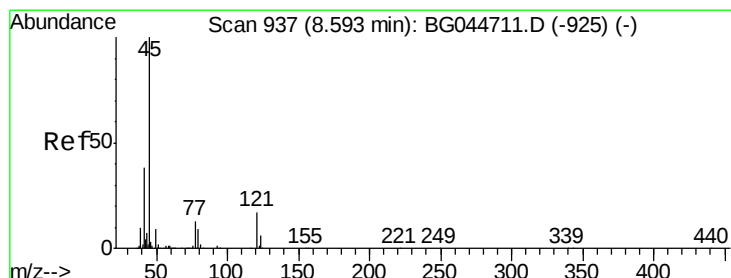
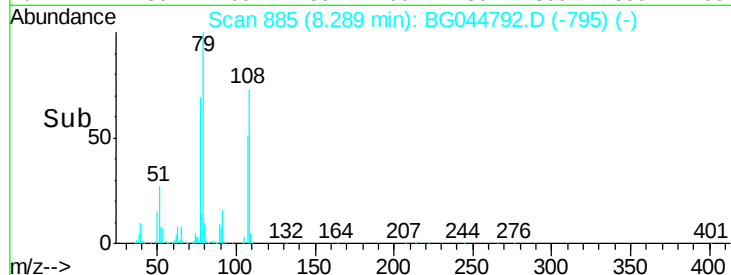
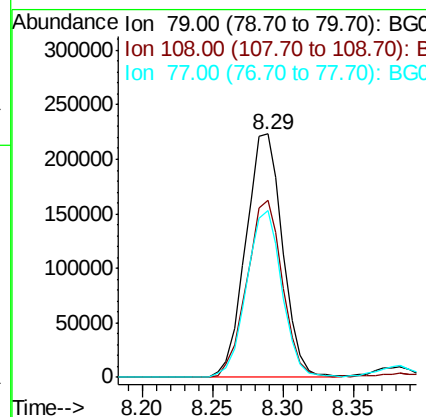
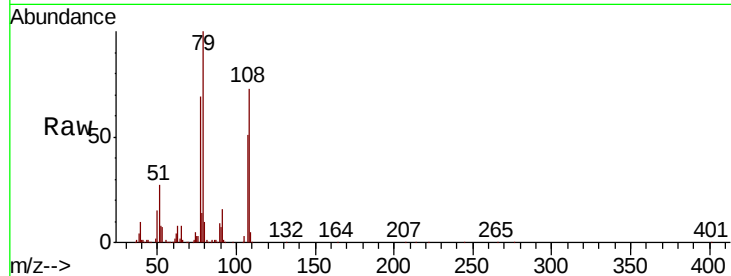
ClientSampleId :

MC5B39MSD

Tot Ion:	79	Resp:	409113
Ion	Ratio	Lower	Upper
79	100		
108	72.7	55.4	83.0
77	68.7	52.2	78.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.822 ng

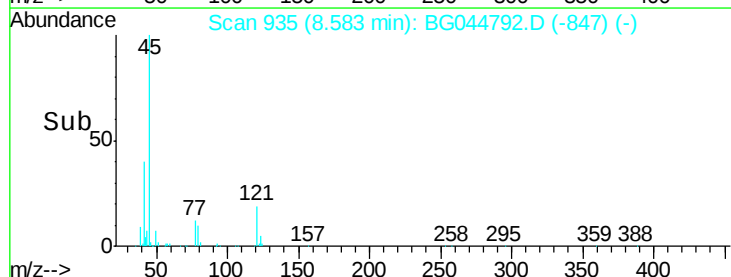
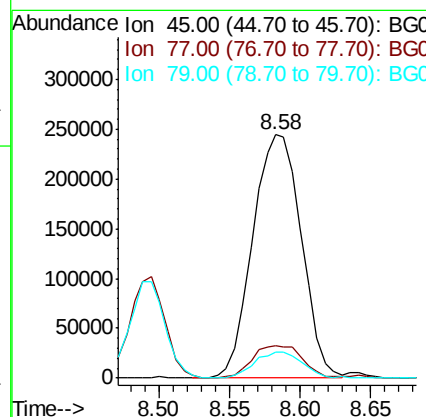
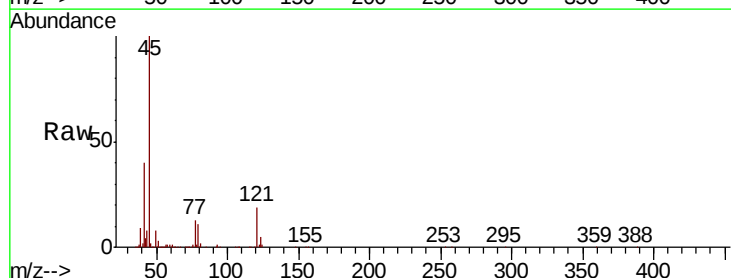
RT: 8.58 min Scan# 935

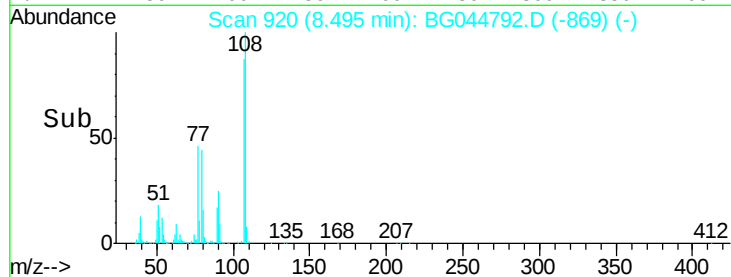
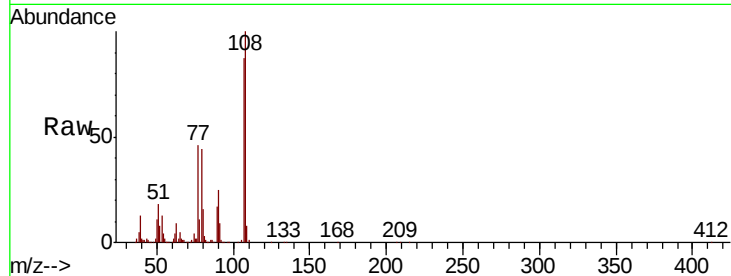
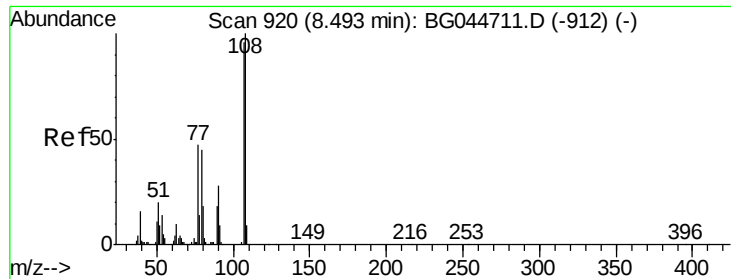
Delta R.T. -0.01 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Tgt Ion:	45	Resp:	585805
Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	33.4
79	10.6	0.0	30.0





#17

2-Methylphenol

Concen: 47.132 ng

RT: 8.49 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Tot Ion:	107	Resp:	342059
Ion Ratio	Lower	Upper	
107	100		
108	114.9	83.2	124.8
77	53.2	39.0	58.6
79	50.3	37.6	56.4

Instrument :

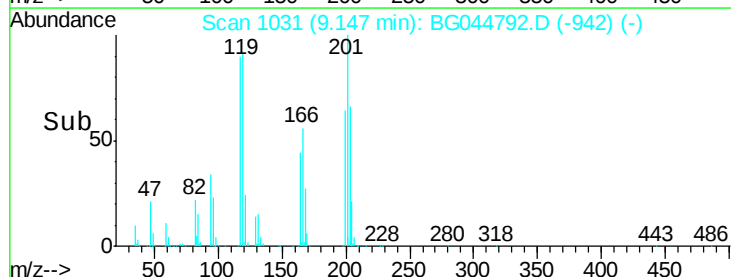
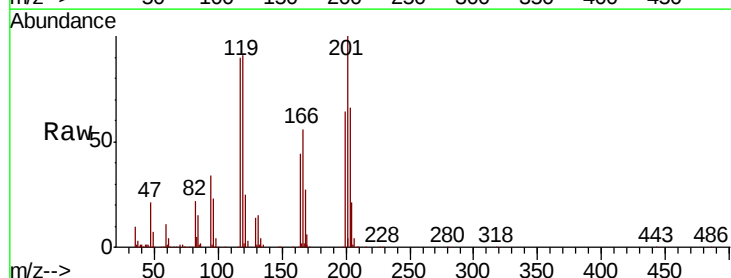
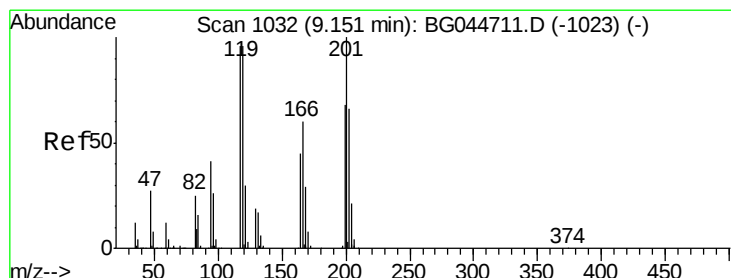
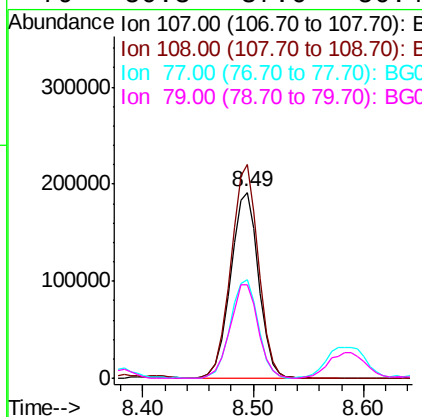
BNA_G

ClientSampleId :

MC5B39MSD

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#18

Hexachloroethane

Concen: 43.509 ng

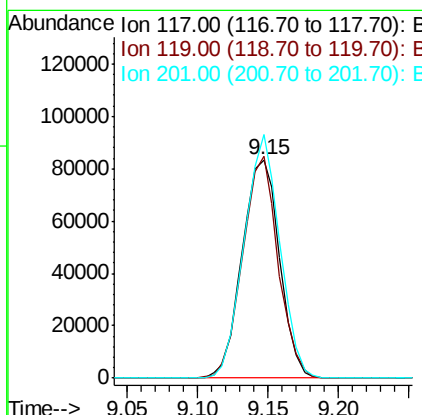
RT: 9.15 min Scan# 1031

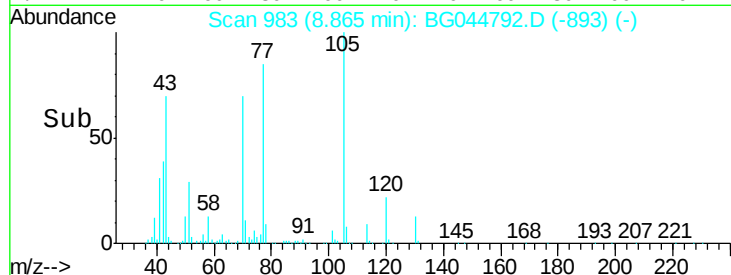
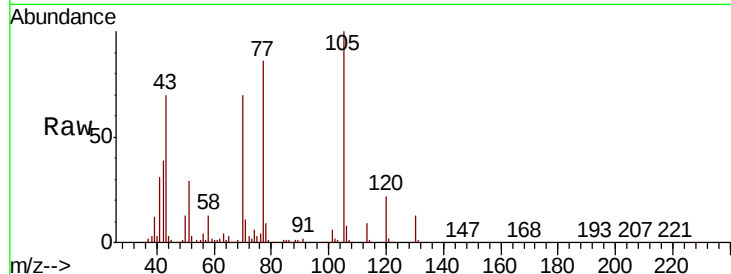
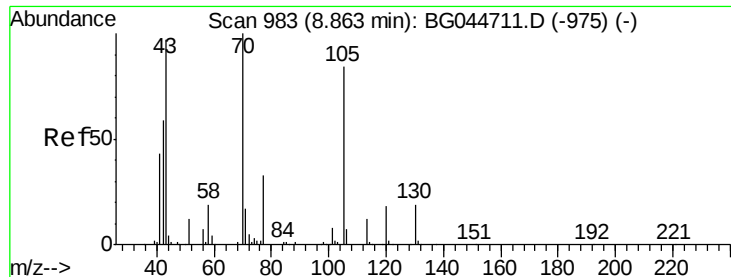
Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Tgt Ion:	117	Resp:	155110
Ion Ratio	Lower	Upper	
117	100		
119	101.7	80.2	120.4
201	111.5	83.4	125.2





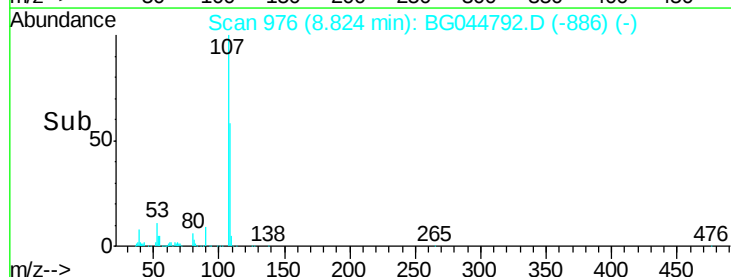
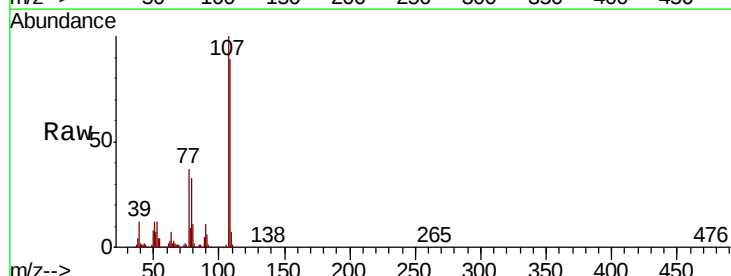
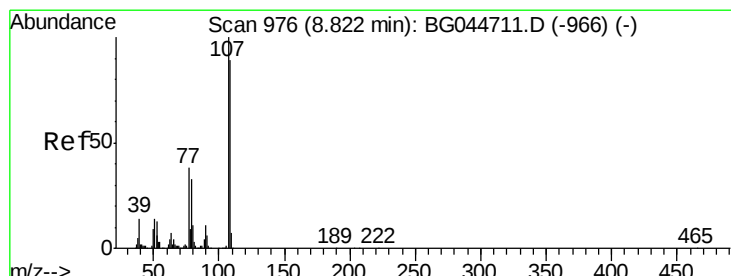
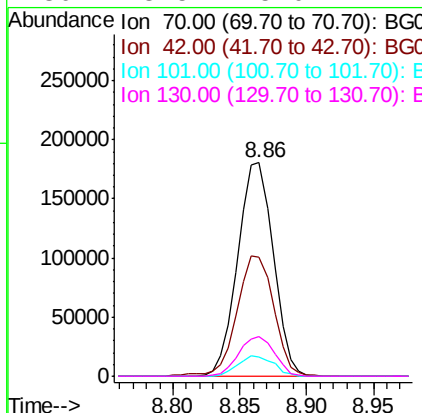
#19
n-Nitroso-di-n-propylamine
Concen: 43.737 ng
RT: 8.86 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.7	47.6	71.4	
101	8.7	6.5	9.7	
130	18.5	15.0	22.4	

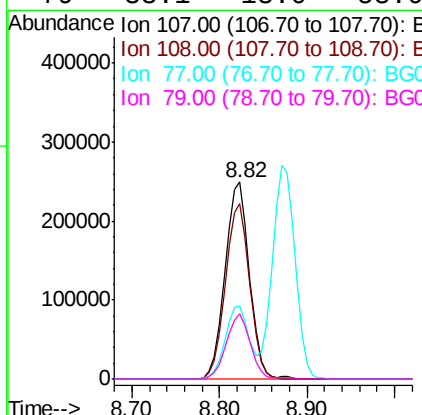
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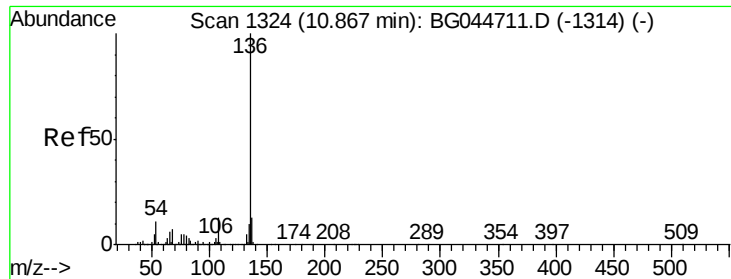
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#20
3+4-Methylphenols
Concen: 47.395 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	69.1	109.1	
77	37.0	17.7	57.7	
79	33.1	13.0	53.0	





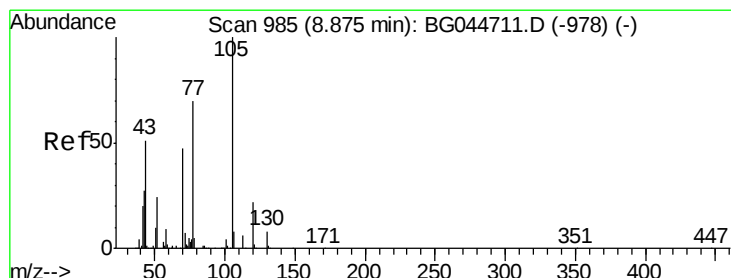
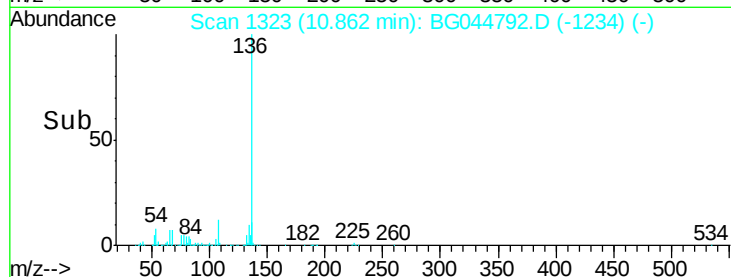
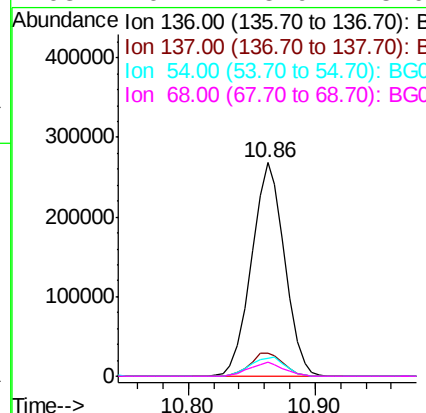
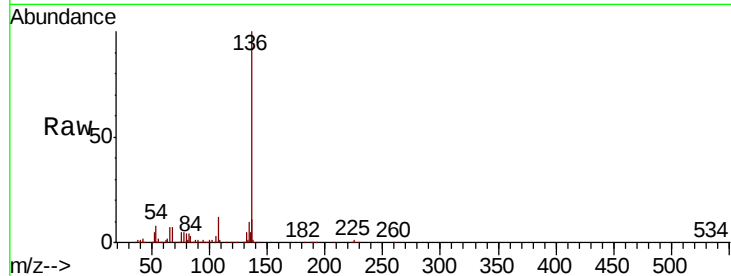
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		483958		
137	11.0	10.7	16.1		
54	8.5	9.0	13.4		
68	6.7	5.9	8.9		

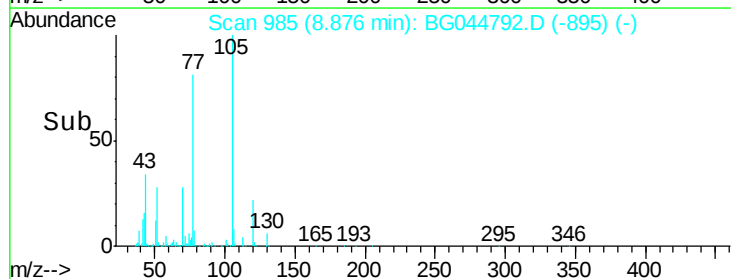
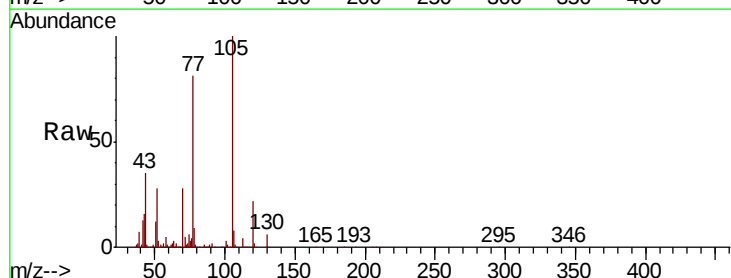
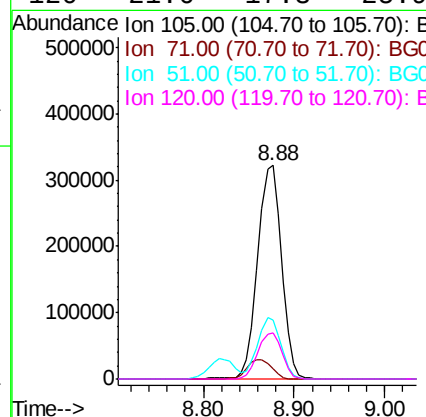
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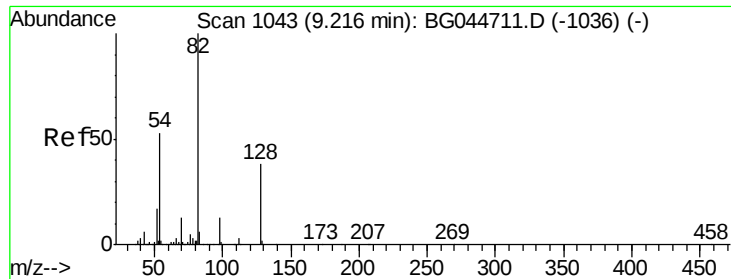
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#22
Acetophenone
Concen: 43.442 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		595616		
71	4.8	5.8	8.8		
51	27.7	23.8	35.8		
120	21.6	17.3	25.9		





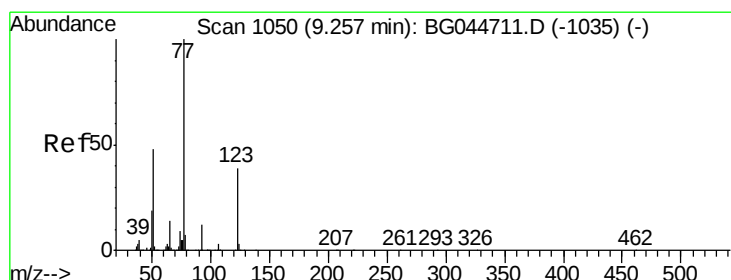
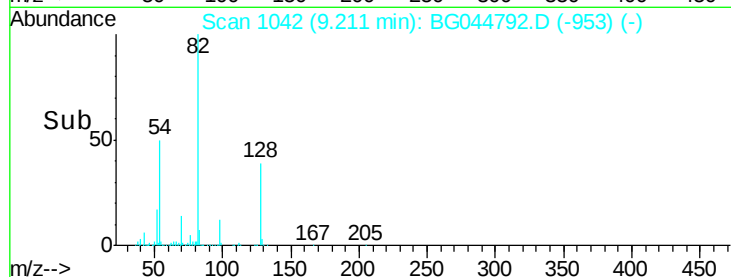
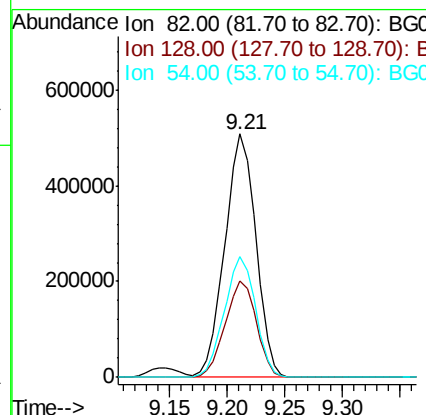
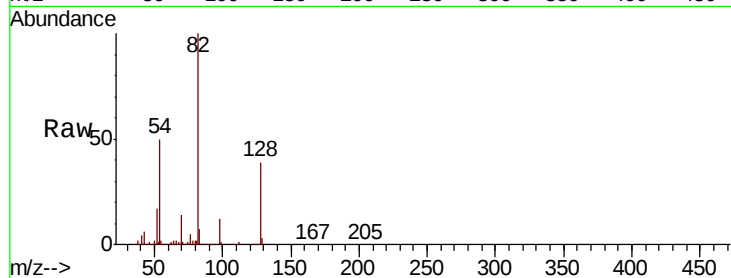
#23
 Nitrobenzene-d5
 Concen: 85.874 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.4	30.2	45.2
54	49.8	41.8	62.8

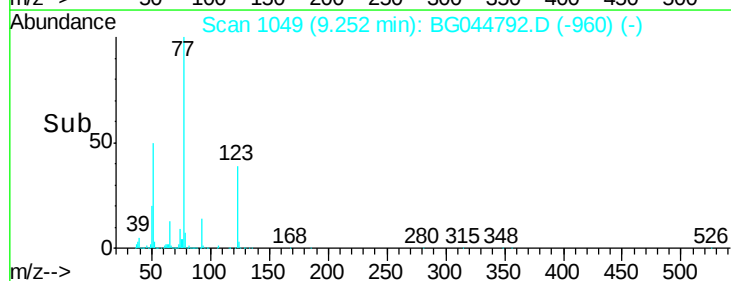
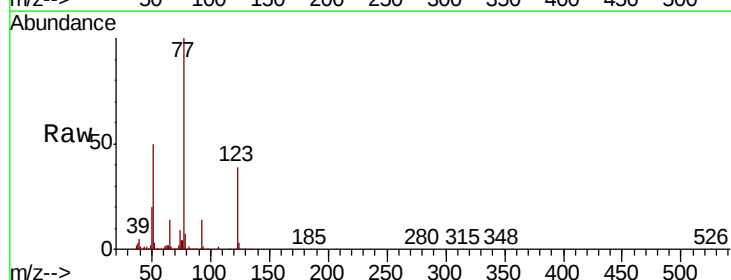
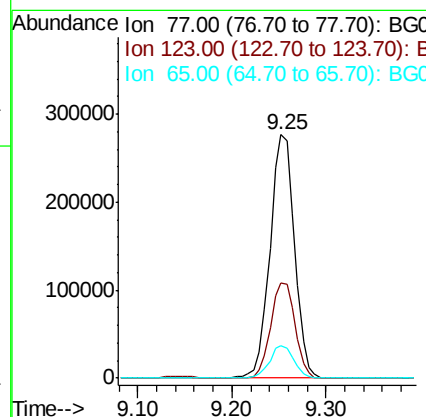
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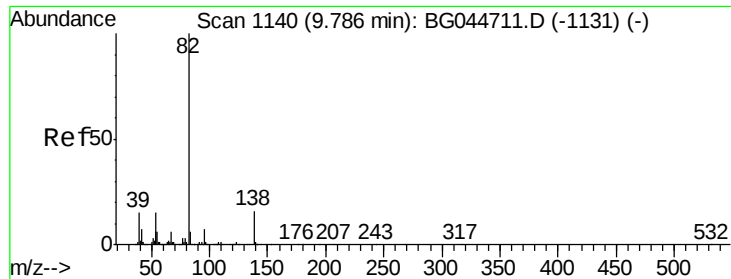
mohammad
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#24
 Nitrobenzene
 Concen: 43.611 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.2	31.5	47.3
65	13.5	11.0	16.4





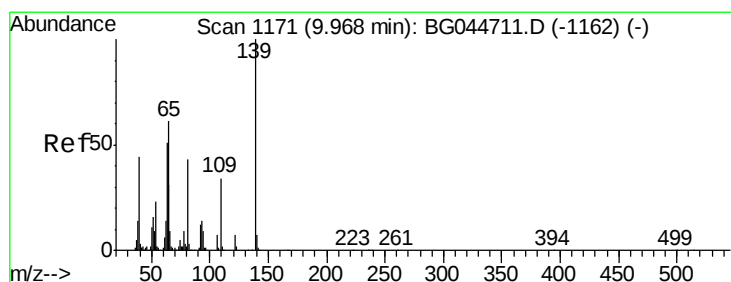
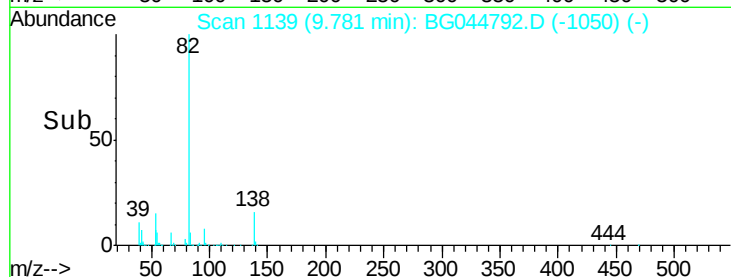
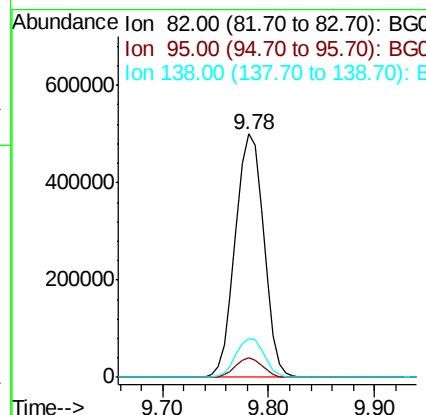
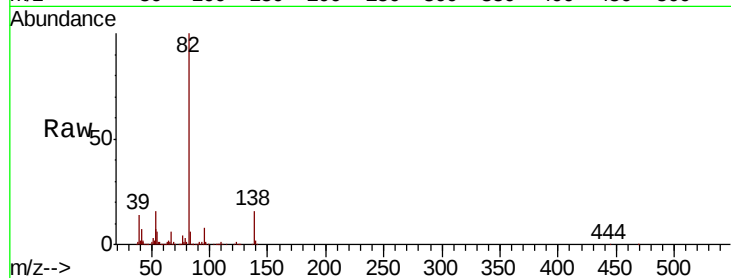
#25
Isophorone
Concen: 43.288 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tot Ion	82	Resp	931769
Ion Ratio	Lower	Upper	
82	100		
95	8.1	5.6	8.4
138	15.9	13.0	19.4

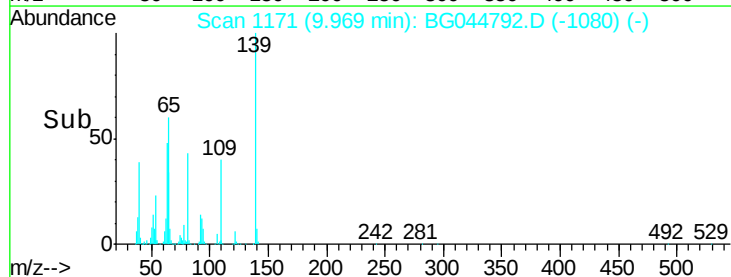
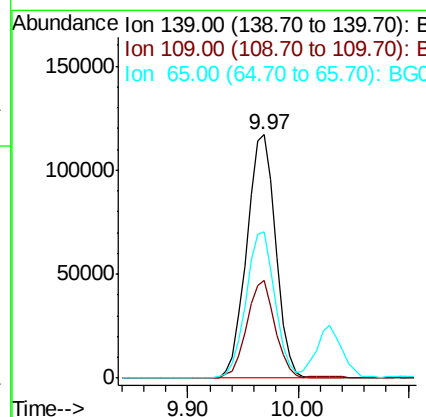
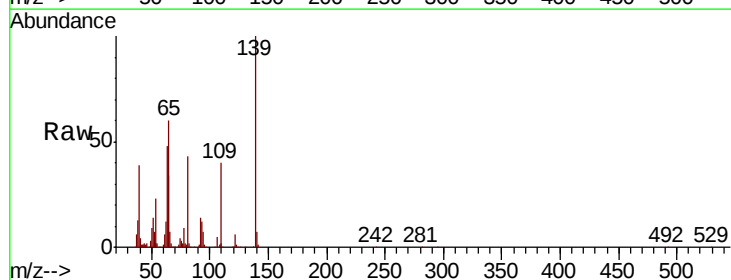
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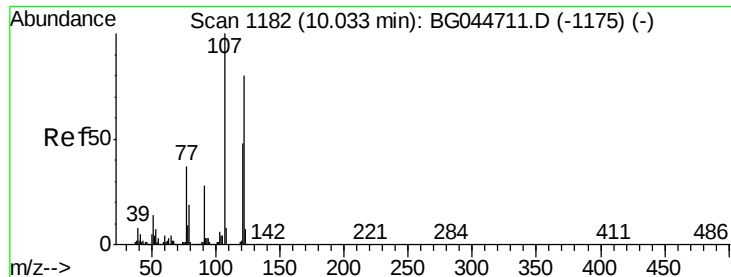
mohammad
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#26
2-Nitrophenol
Concen: 53.610 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	139	Resp	215878
Ion Ratio	Lower	Upper	
139	100		
109	39.9	27.0	40.4
65	60.1	48.6	73.0





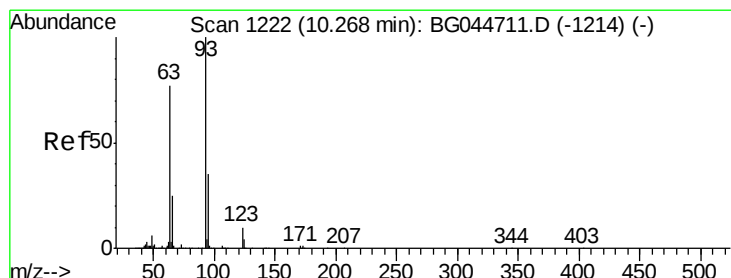
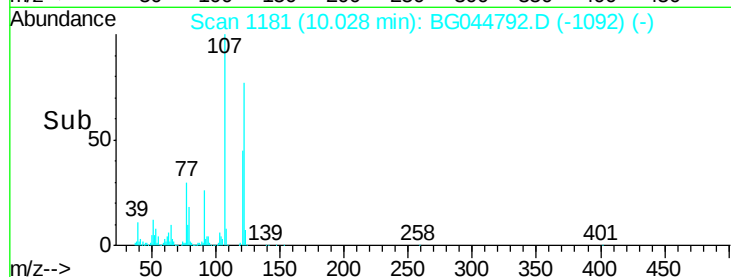
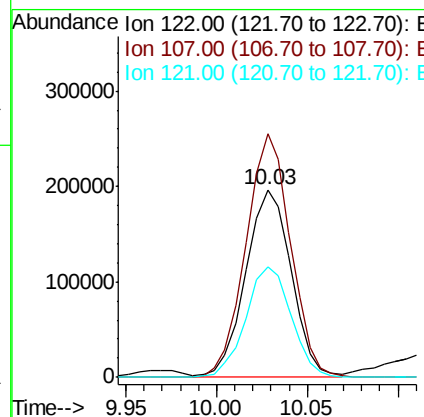
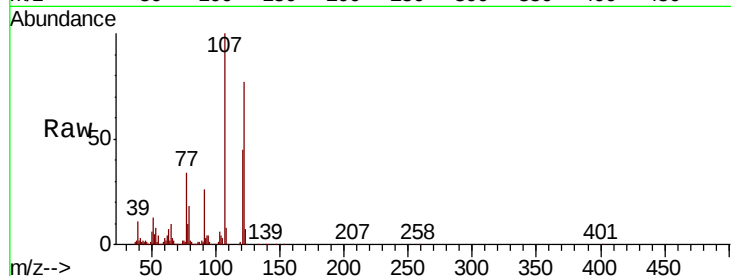
#27
 2,4-Dimethylphenol
 Concen: 48.748 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.0	99.0	148.6
121	58.9	47.6	71.4

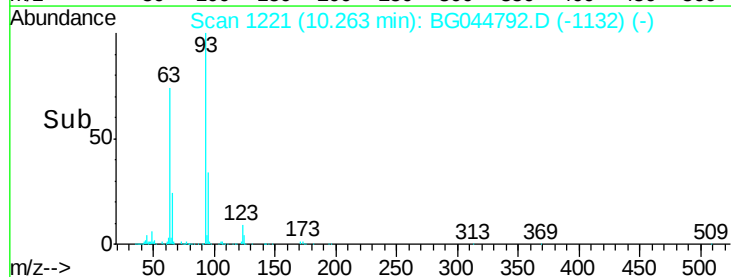
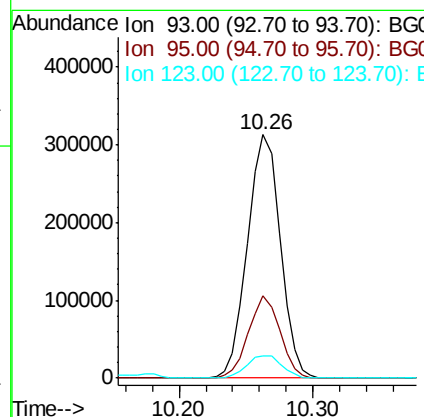
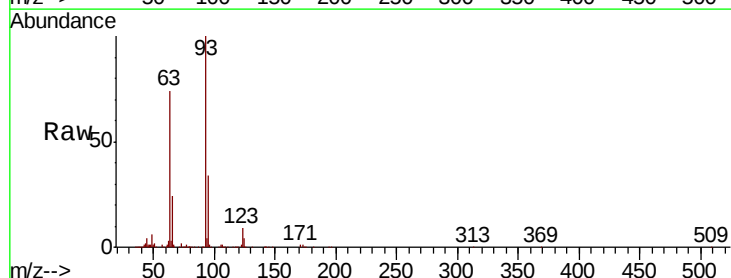
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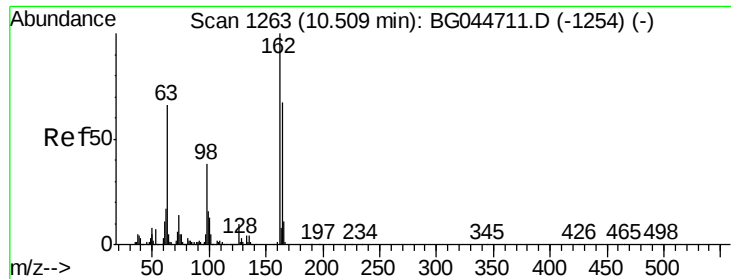
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.385 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	27.7	41.5
123	9.2	8.1	12.1





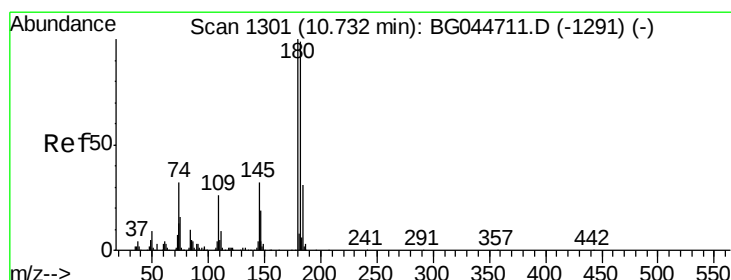
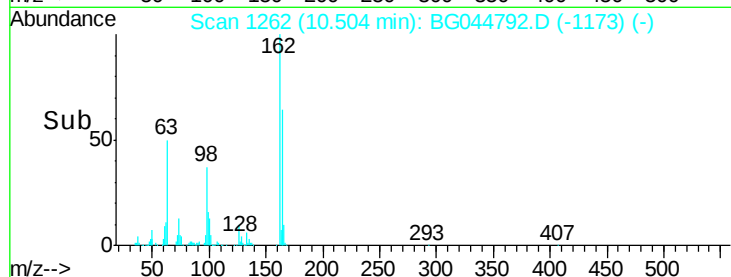
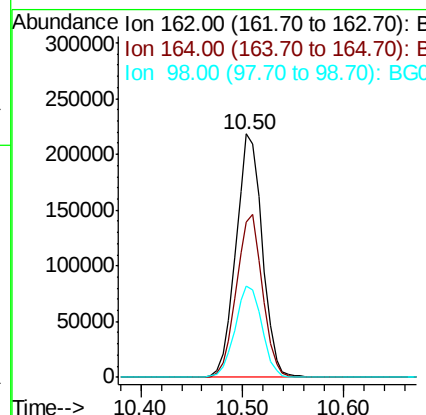
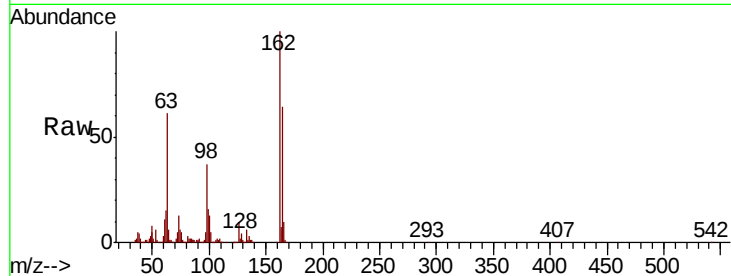
#29
 2,4-Dichlorophenol
 Concen: 47.942 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MSD

Tot Ion:	162	Resp:	392519
Ion Ratio	Lower	Upper	
162	100		
164	64.0	46.5	86.5
98	37.3	18.1	58.1

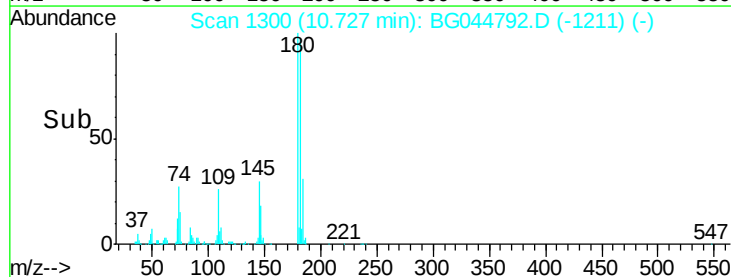
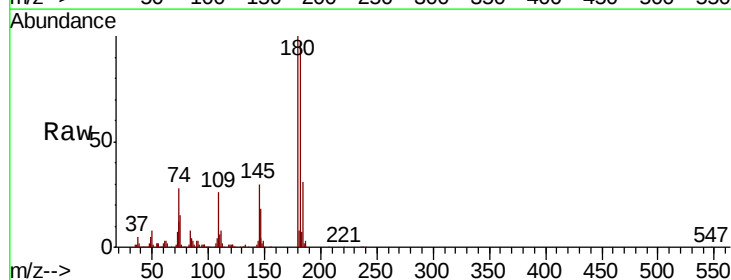
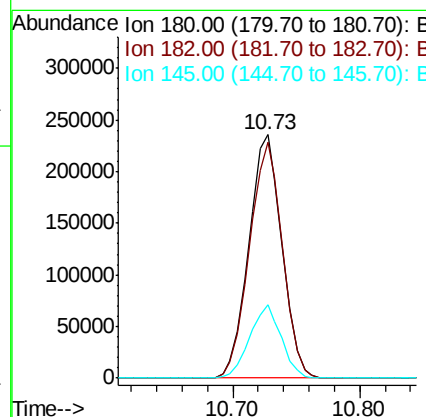
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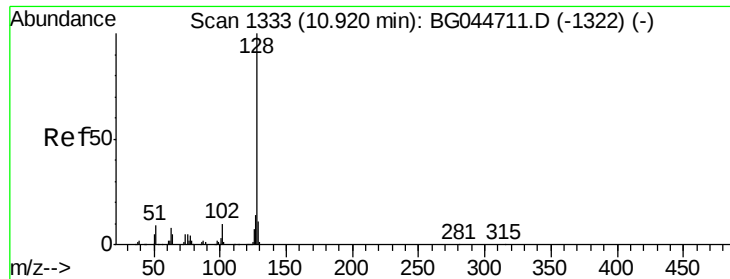
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.473 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Tgt Ion:	180	Resp:	425591
Ion Ratio	Lower	Upper	
180	100		
182	97.1	78.8	118.2
145	30.2	25.4	38.0





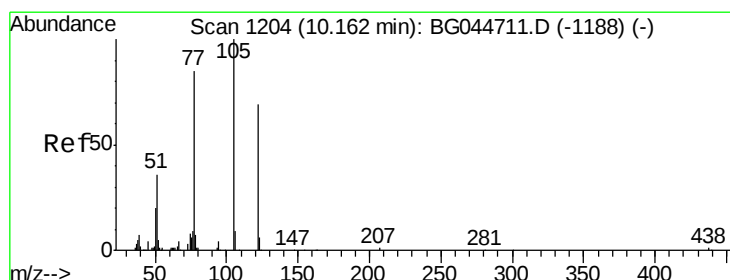
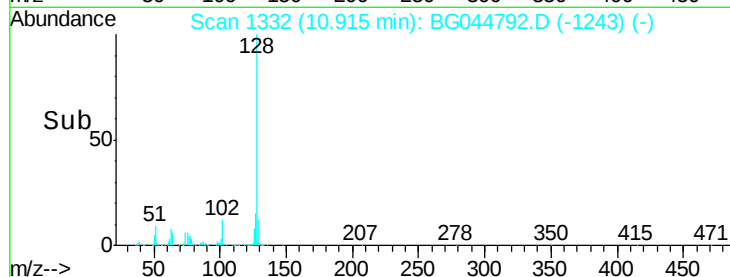
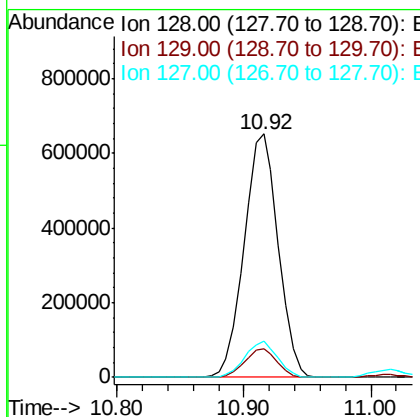
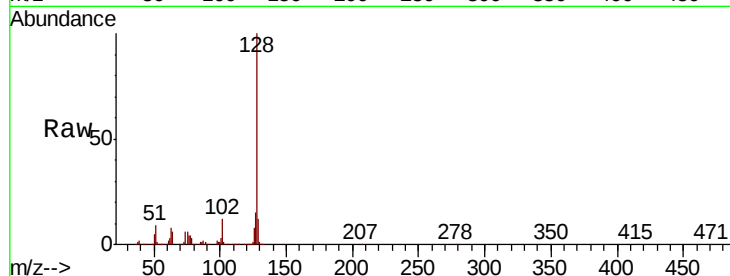
#31
Naphthalene
Concen: 45.162 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.4
127	14.7	11.0	16.6

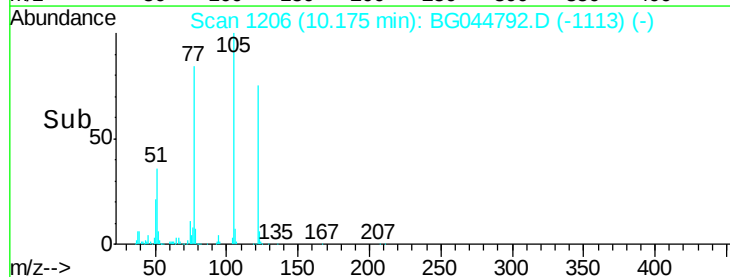
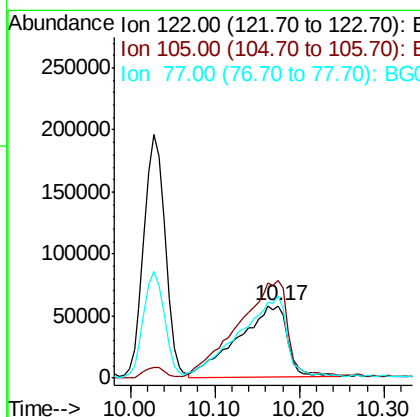
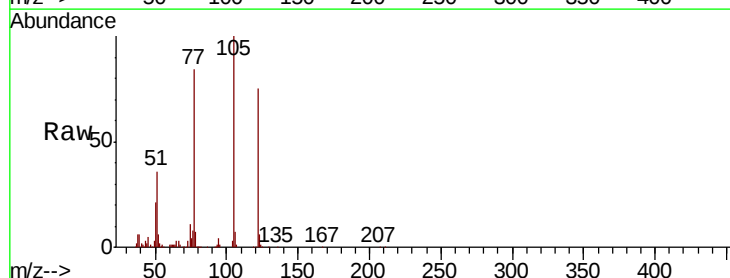
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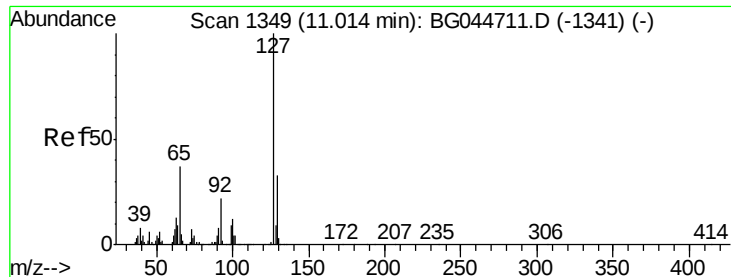
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#32
Benzoic acid
Concen: 43.502 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.9	119.0	159.0
77	113.2	96.4	136.4





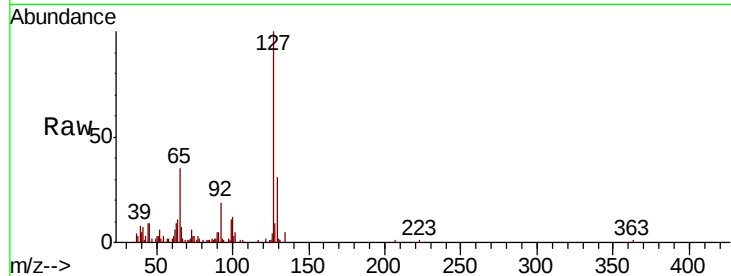
#33
4-Chloroaniline
Concen: 3.624 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

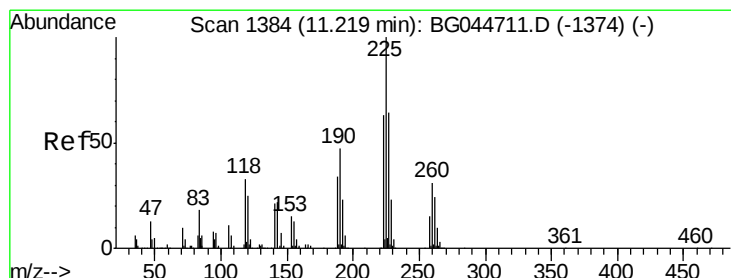
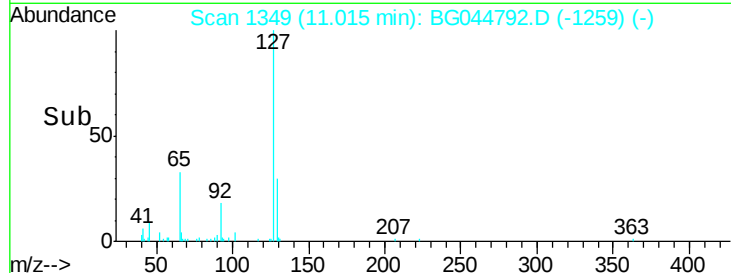
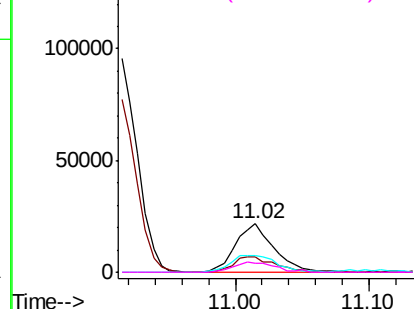
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.2	39.4
65	34.9	29.6	44.4
92	19.2	17.4	26.0

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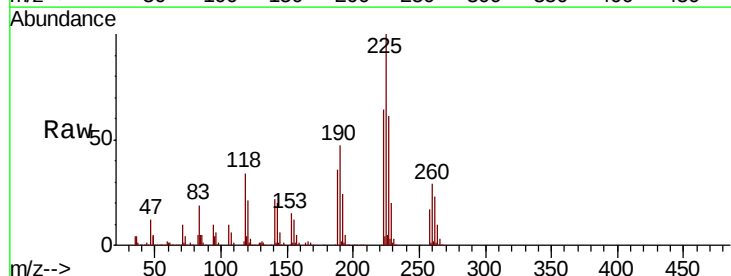


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

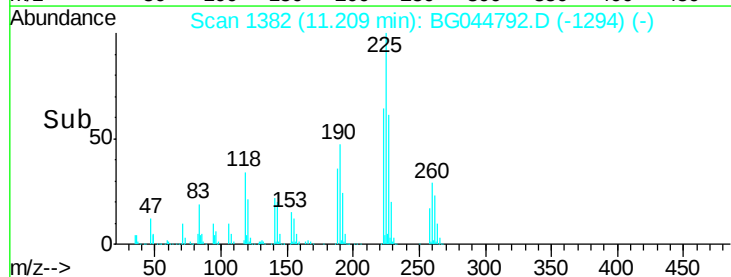
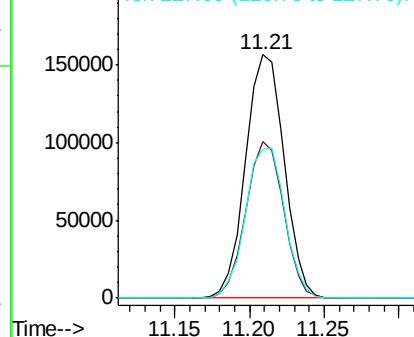


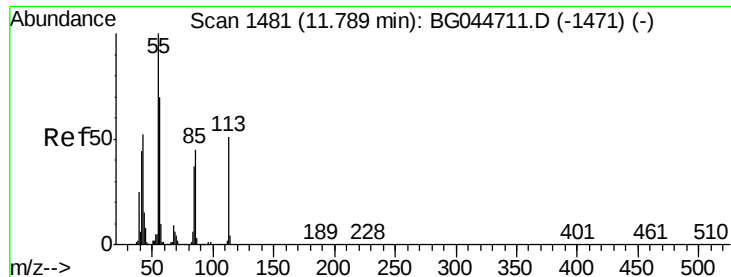
#34
Hexachlorobutadiene
Concen: 43.563 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	61.4	51.6	77.4



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





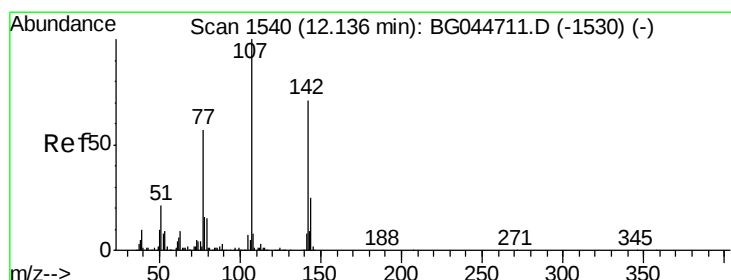
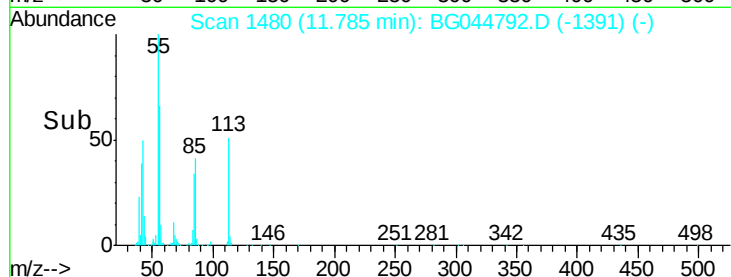
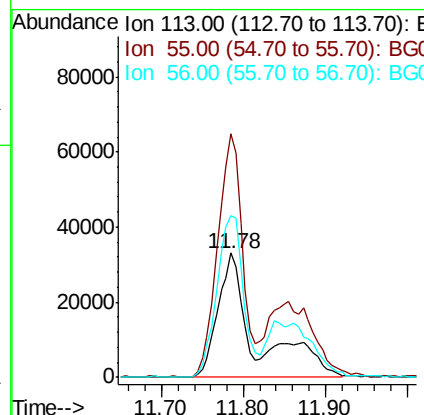
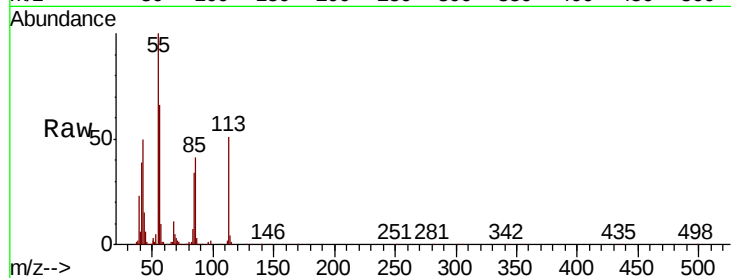
#35
 Caprolactam
 Concen: 34.338 ng/ml
 RT: 11.78 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	195.9	178.4	218.4
56	130.0	117.7	157.7

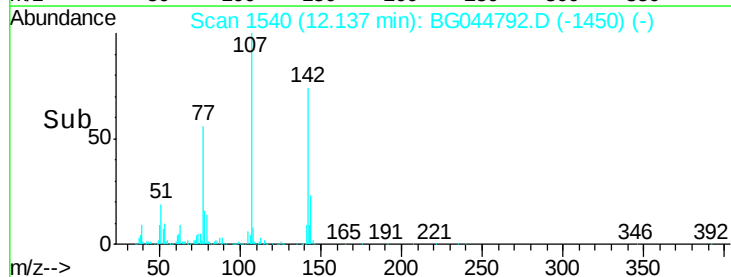
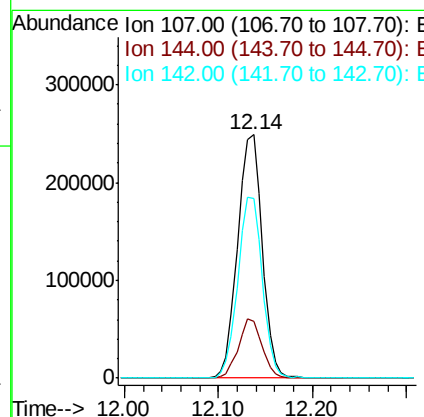
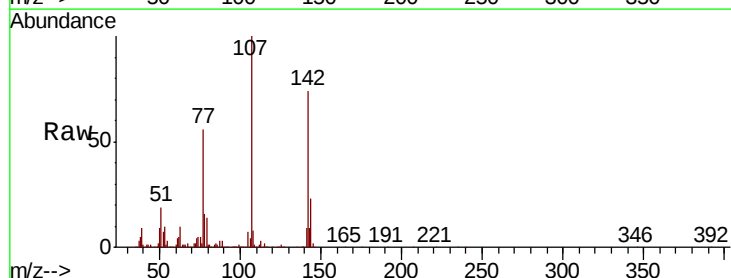
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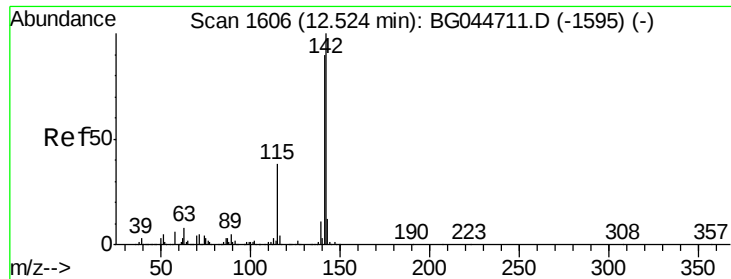
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#36
 4-Chloro-3-methylphenol
 Concen: 46.526 ng/ml
 RT: 12.14 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.1	19.6	29.4
142	73.6	56.5	84.7





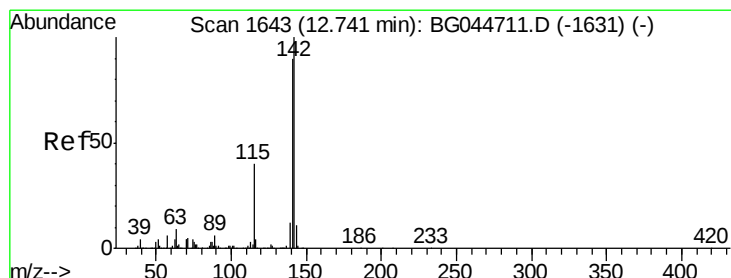
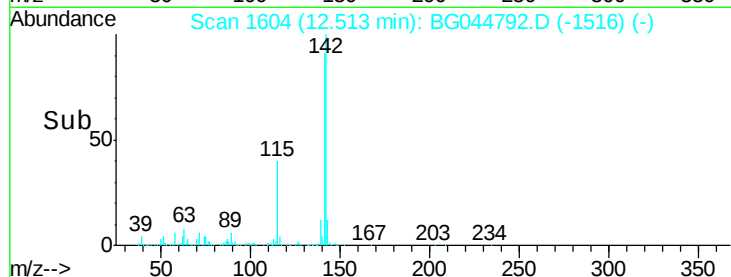
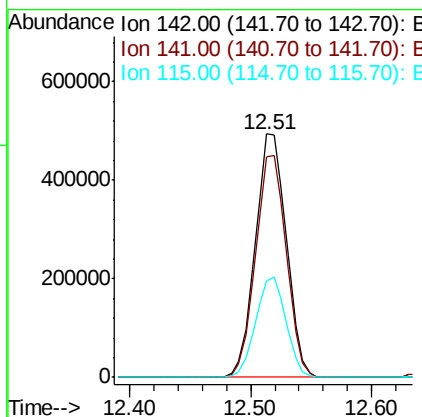
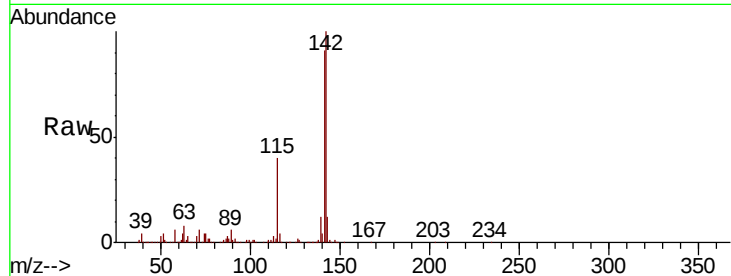
#37
 2-Methylnaphthalene
 Concen: 43.998 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.3	108.5
115	39.7	30.6	45.8

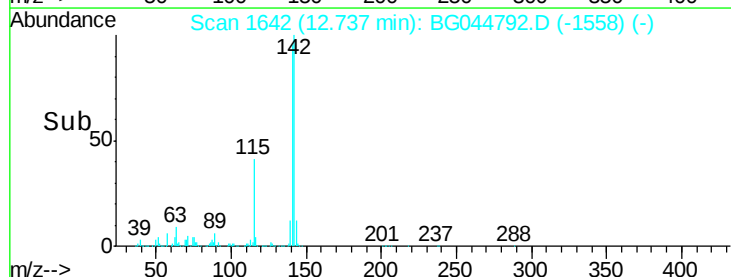
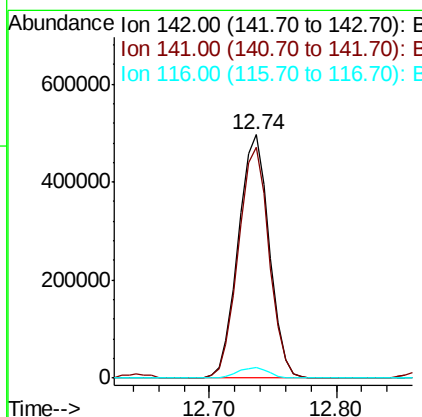
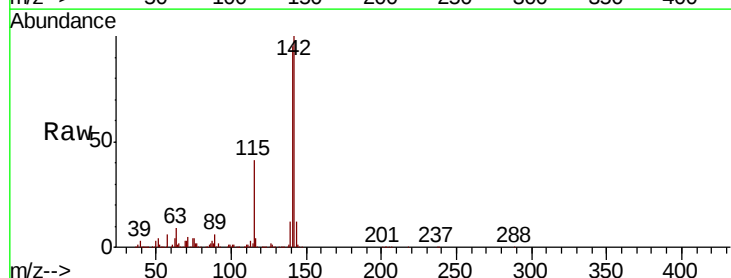
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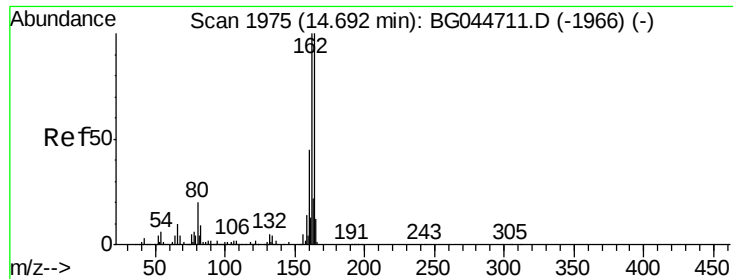
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#38
 1-Methylnaphthalene
 Concen: 44.505 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	72.2	108.2
116	4.3	3.5	5.3





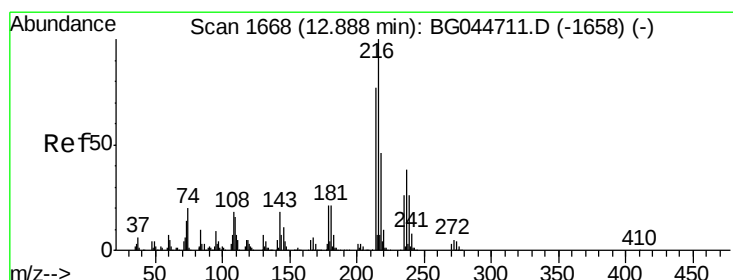
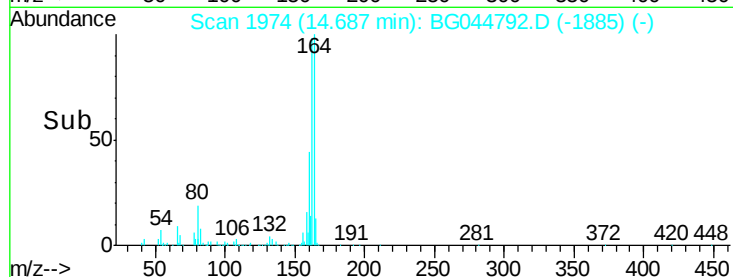
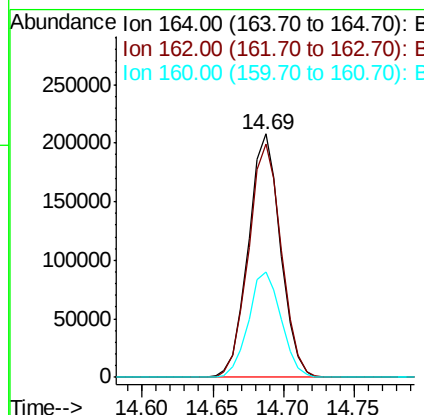
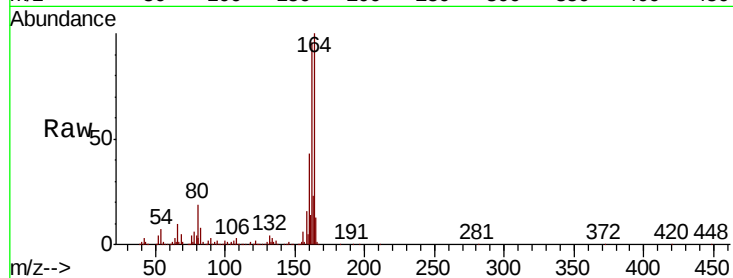
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	95.7	80.2	120.4
160	43.1	36.2	54.2

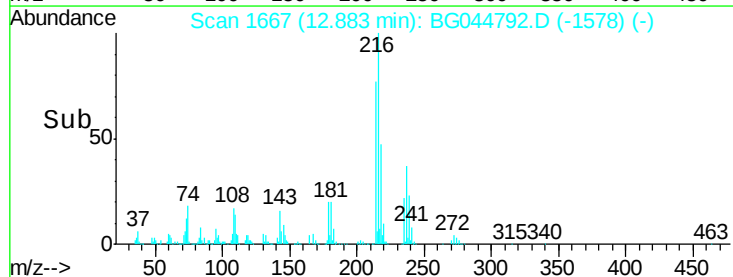
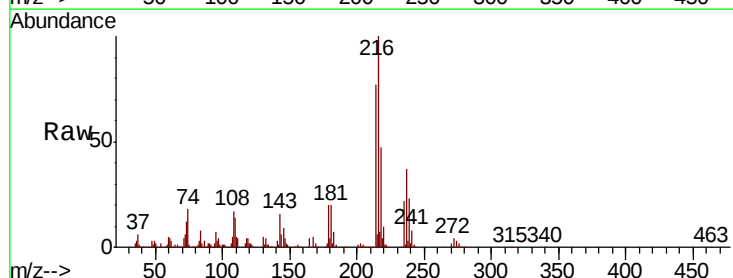
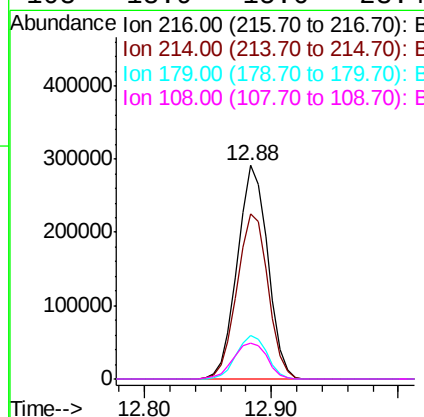
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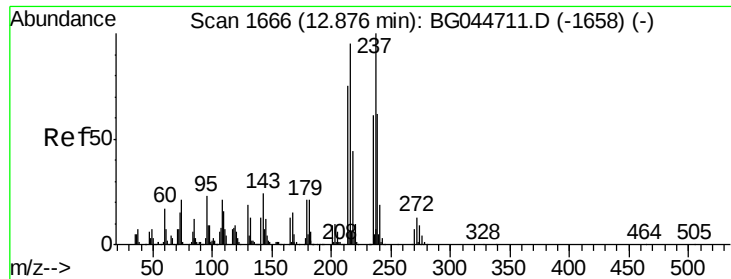
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.314 ng
RT: 12.88 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	20.6	16.6	24.8
108	18.9	15.6	23.4





#41

Hexachlorocyclopentadiene

Concen: 47.462 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

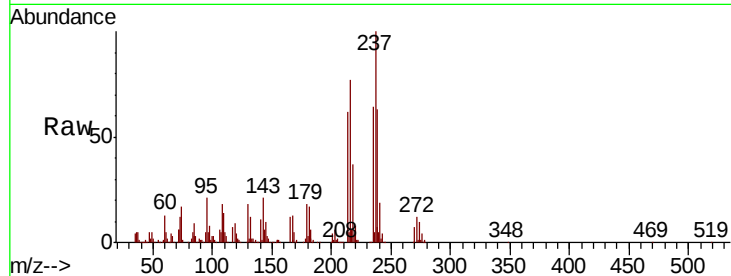
ClientSampleId :

MC5B39MSD

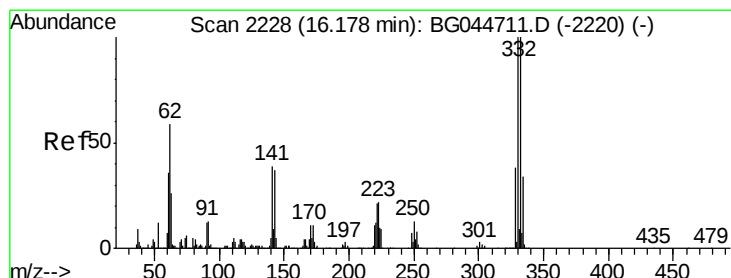
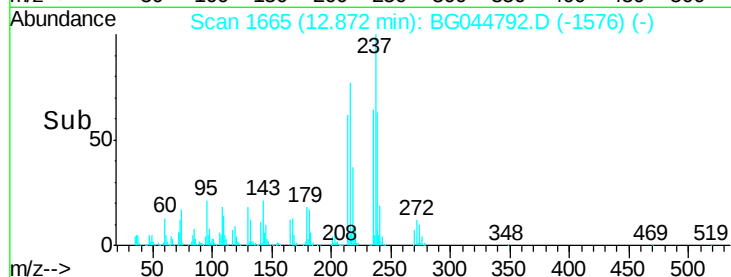
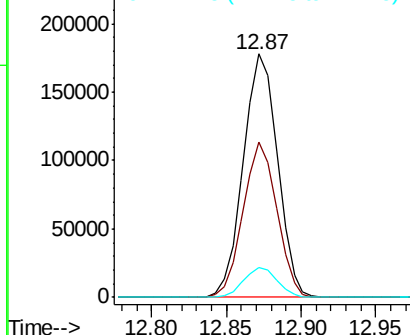
Tot Ion:	237	Resp:	282991
Ion Ratio	Lower	Upper	
237	100		
235	63.7	40.6	80.6
272	12.1	0.0	32.5

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



#42

2,4,6-Tribromophenol

Concen: 132.110 ng

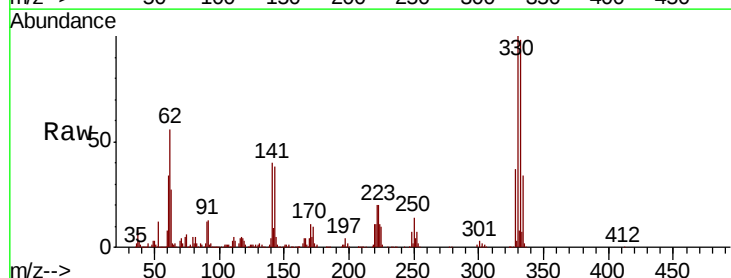
RT: 16.17 min Scan# 2227

Delta R.T. -0.00 min

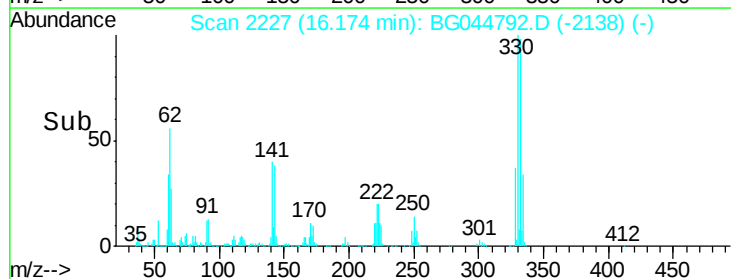
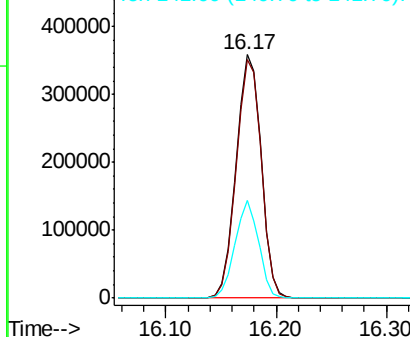
Lab File: BG044792.D

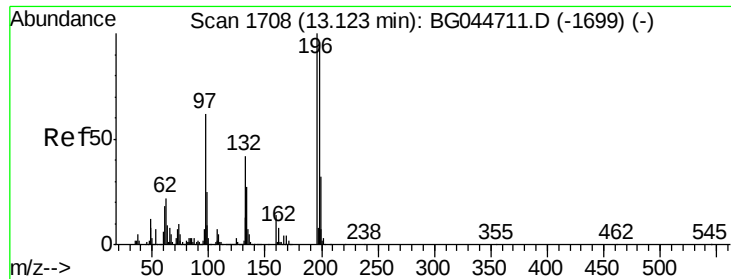
Acq: 14 Mar 2020 10:28

Tgt Ion:	330	Resp:	573046
Ion Ratio	Lower	Upper	
330	100		
332	97.7	77.5	116.3
141	37.7	31.7	47.5



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





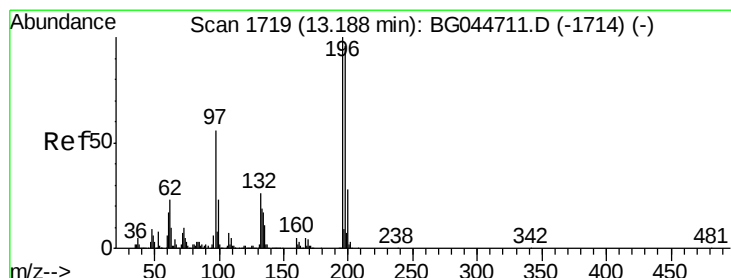
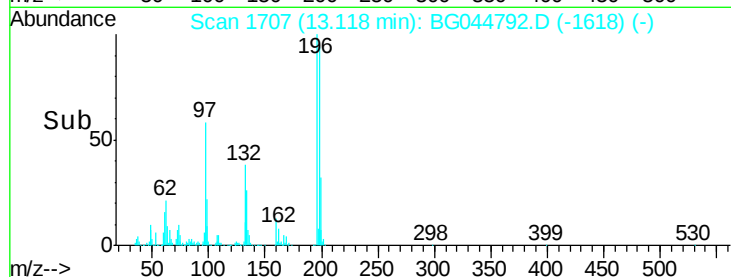
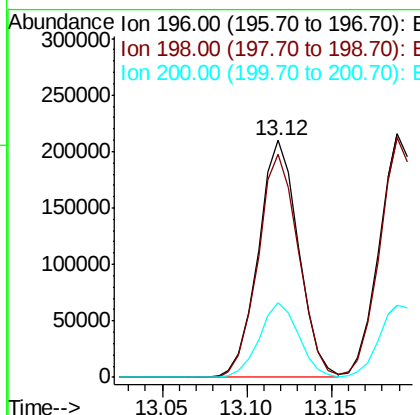
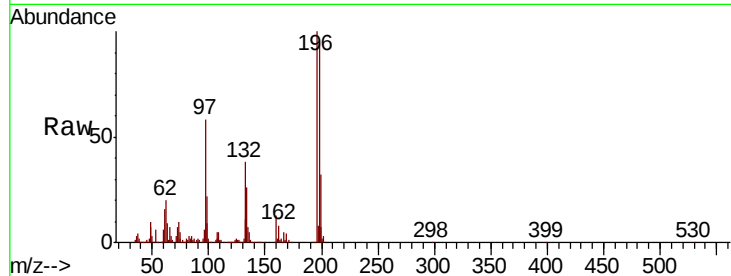
#43
 2,4,6-Trichlorophenol
 Concen: 47.536 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	76.5	114.7
200	31.7	25.9	38.9

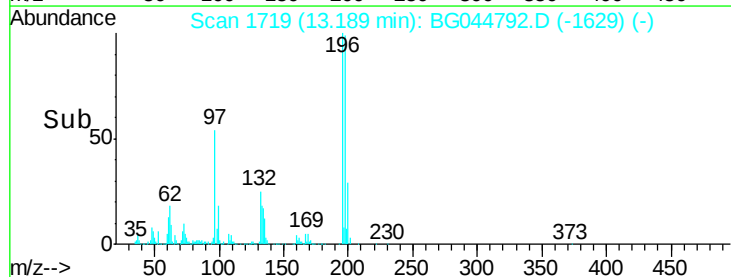
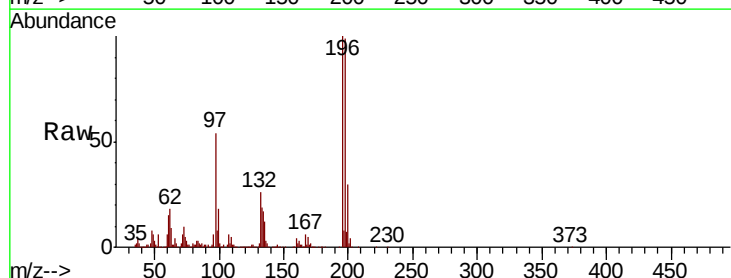
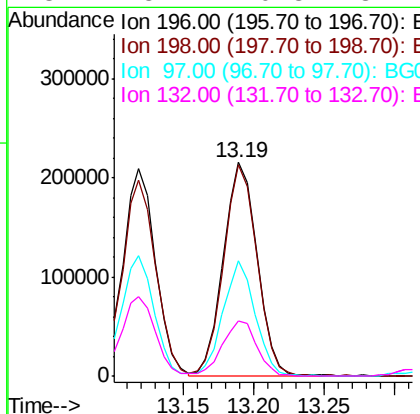
Manual Integrations
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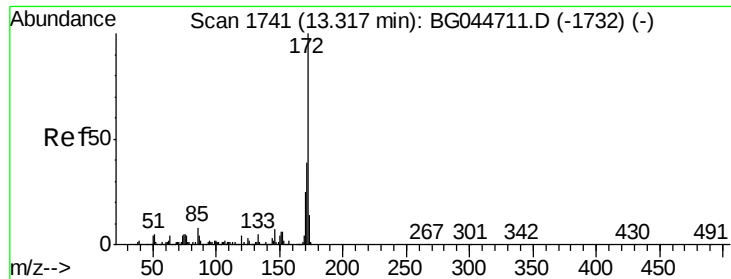
mohammad
 3/18/2020 8:43:34 AM



#44
 2,4,5-Trichlorophenol
 Concen: 47.812 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.6	77.3	115.9
97	54.0	44.9	67.3
132	25.7	20.8	31.2





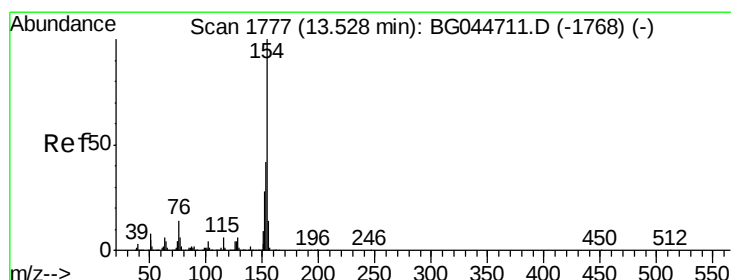
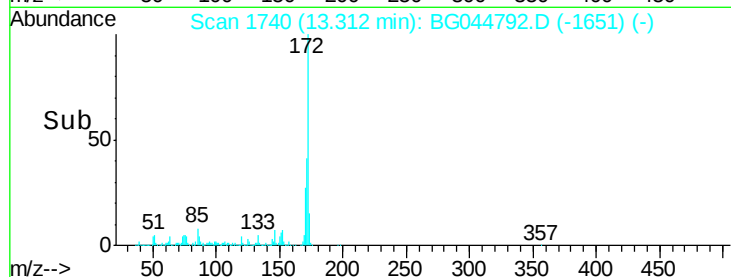
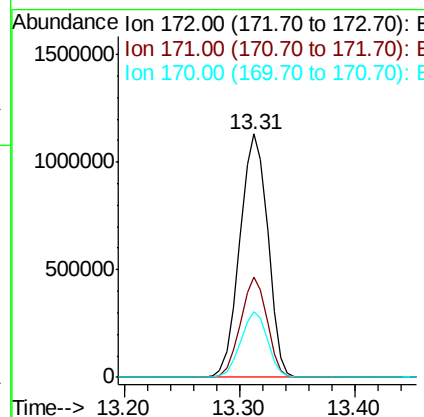
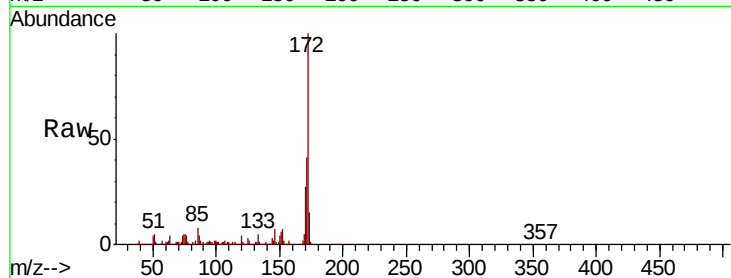
#45
2-Fluorobiphenyl
Concen: 81.794 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	41.0	30.8	46.2	
170	26.9	20.0	30.0	

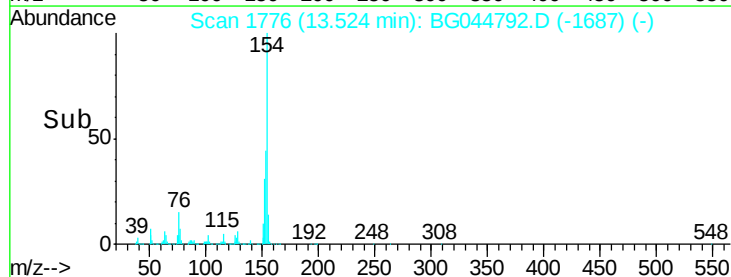
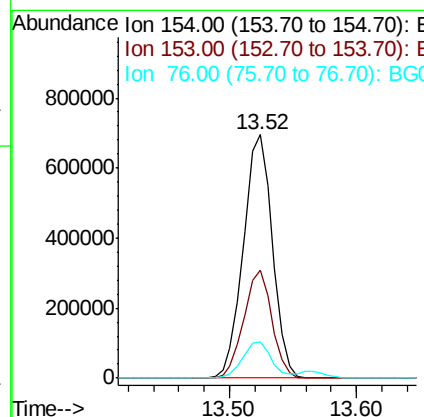
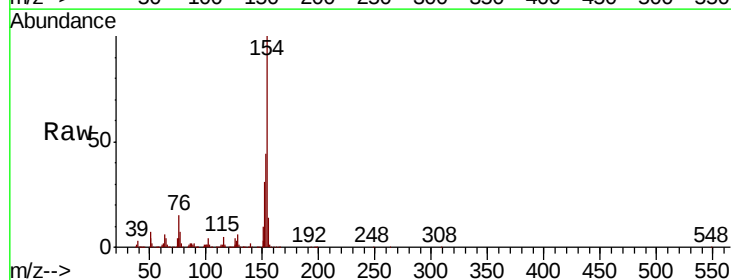
Manual Integrations
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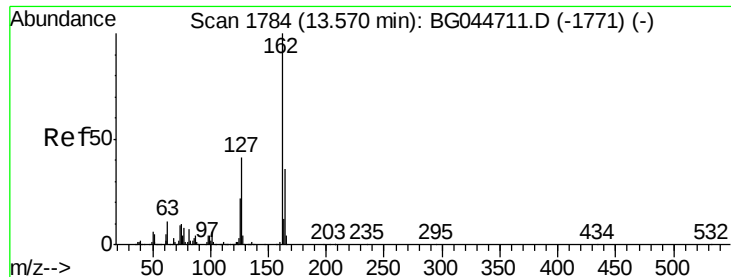
mohammad
3/18/2020 8:43:34 AM



#46
1,1'-Biphenyl
Concen: 41.487 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	44.2	22.0	62.0	
76	14.9	0.0	34.2	





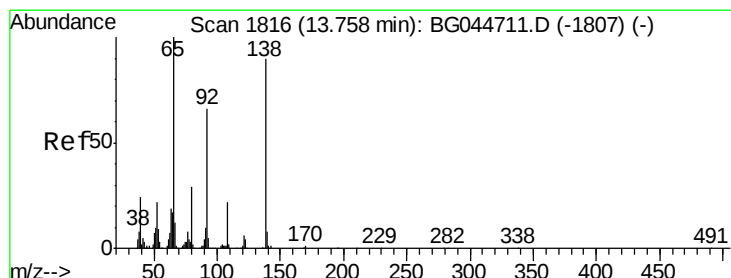
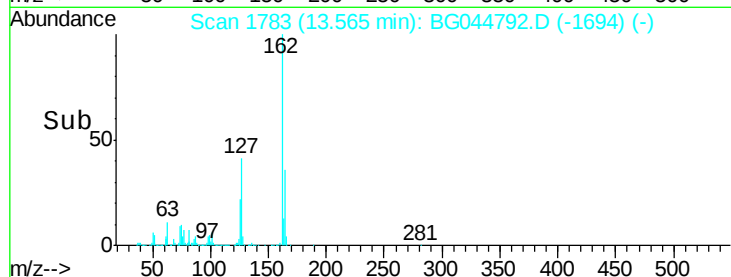
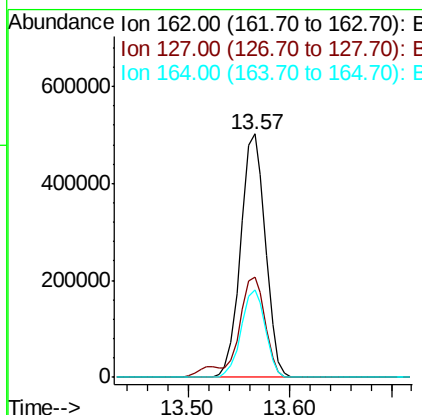
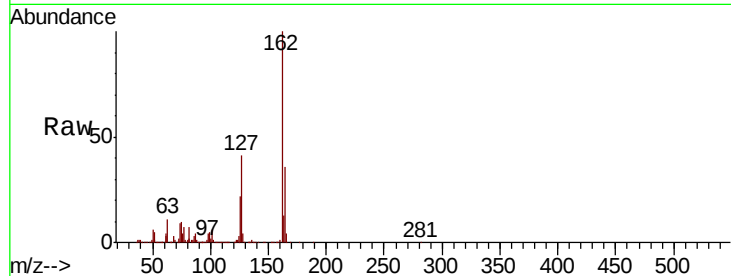
#47
 2-Chloronaphthalene
 Concen: 41.810 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	32.6	48.8
164	35.9	29.0	43.4

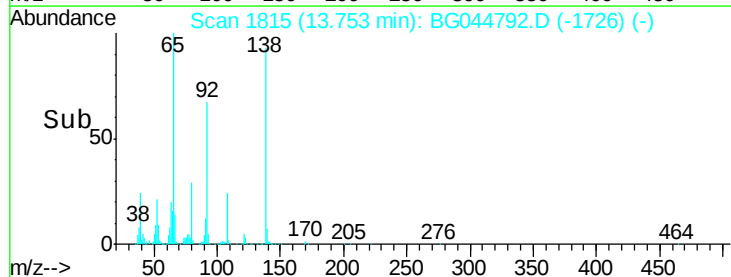
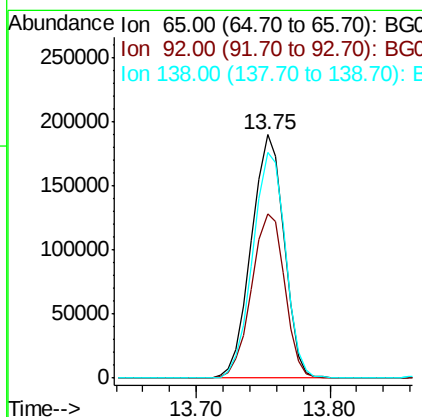
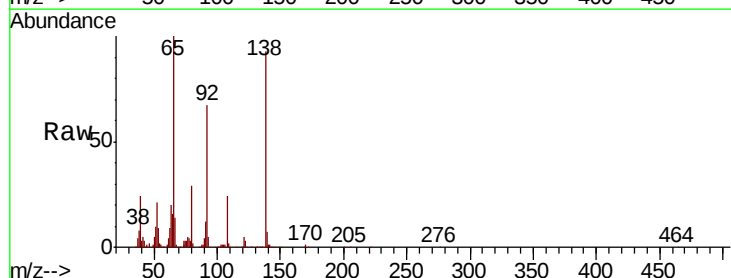
Manual Integrations
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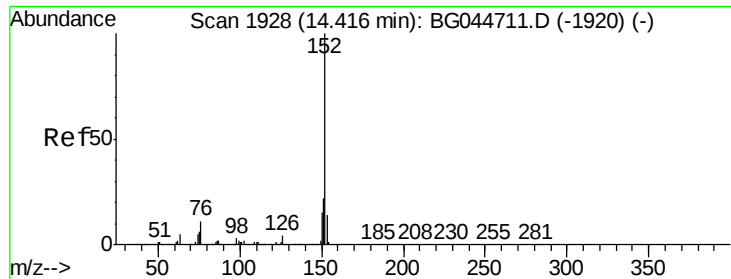
mohammad
 3/18/2020 8:43:34 AM



#48
 2-Nitroaniline
 Concen: 45.473 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	52.6	79.0
138	92.5	71.8	107.6





#49

Acenaphthylene

Concen: 43.476 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampled :

MC5B39MSD

Tot Ion:152 Resp: 1377454

Ion Ratio Lower Upper

152 100

151 23.7 17.8 26.8

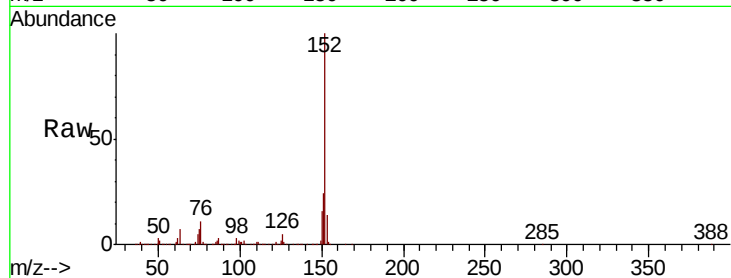
153 14.2 11.4 17.0

Manual Integrations

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mohammad

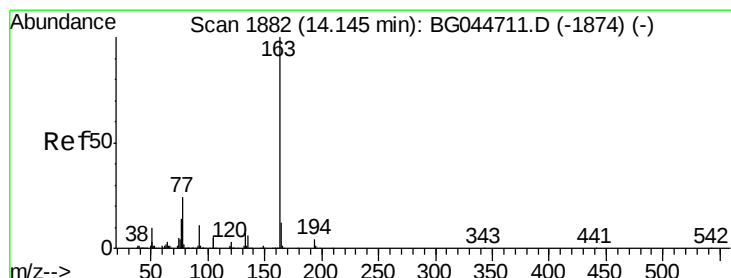
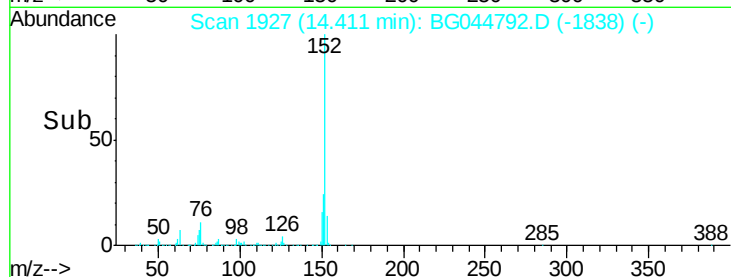
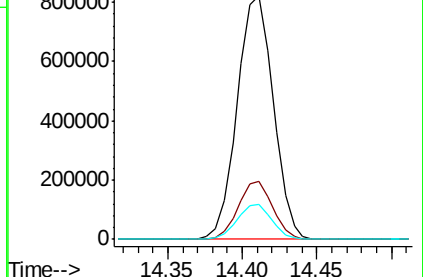
3/18/2020 8:43:34 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.446 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

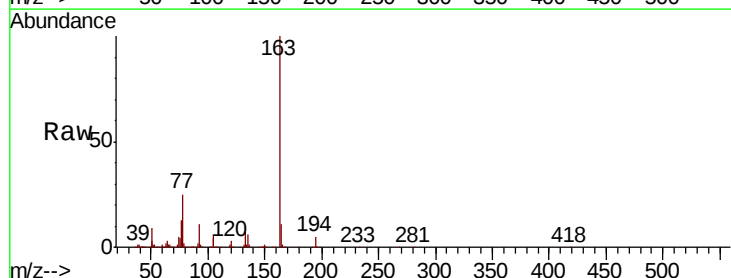
Tgt Ion:163 Resp: 1225488

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

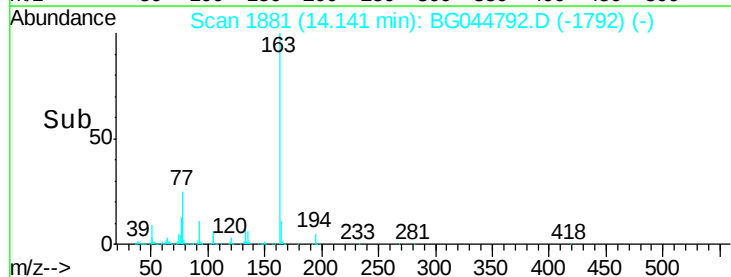
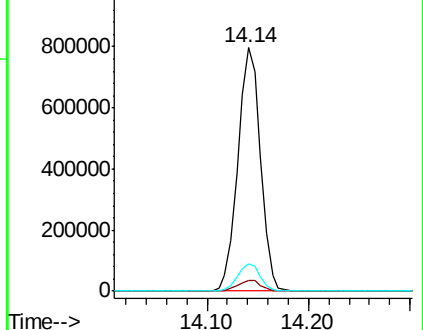
164 11.2 9.2 13.8

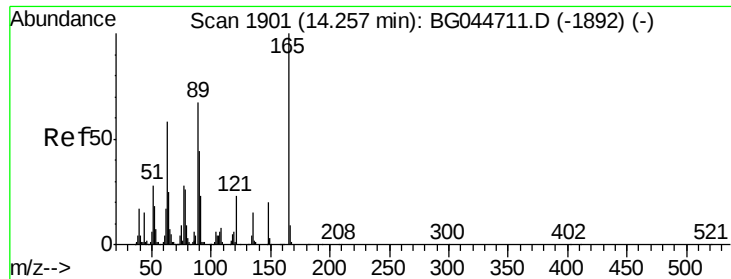


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





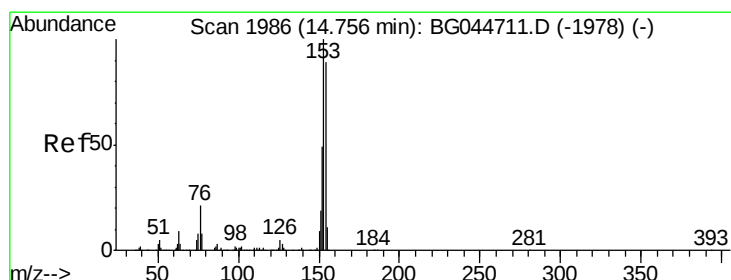
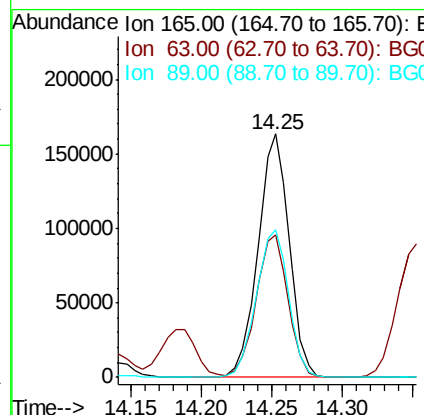
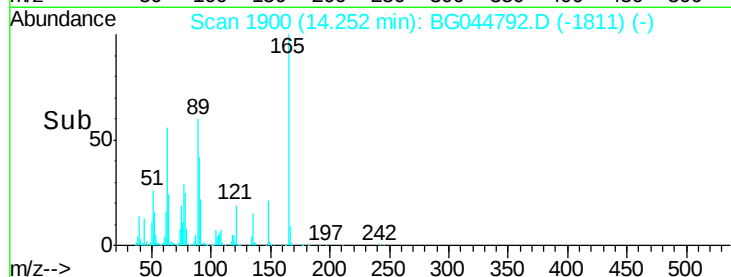
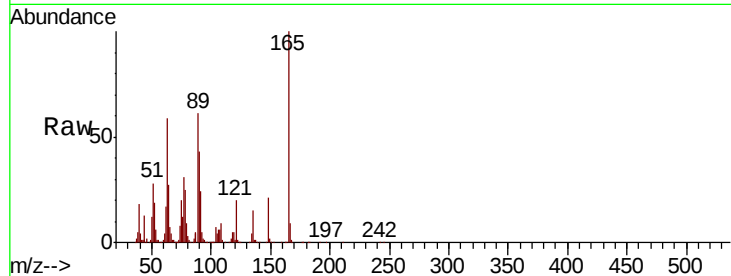
#51
 2,6-Dinitrotoluene
 Concen: 47.565 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.6	48.9	73.3
89	60.6	53.8	80.8

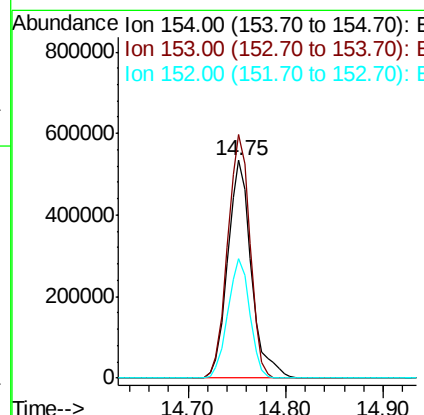
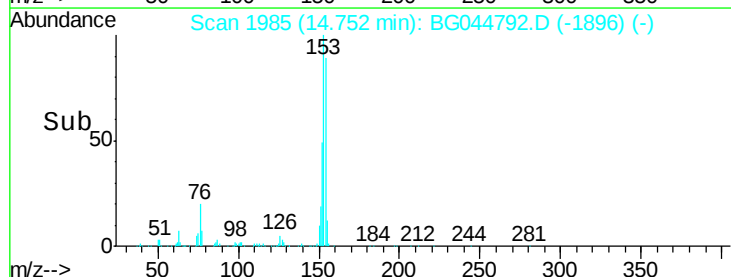
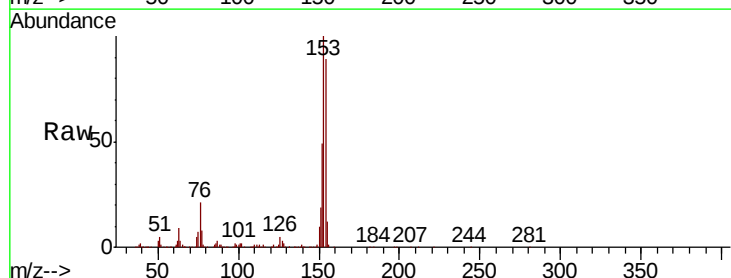
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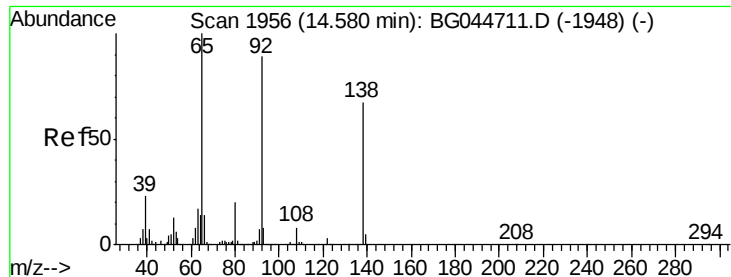
mohammad
 3/18/2020 8:43:34 AM



#52
 Acenaphthene
 Concen: 43.200 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.8	134.8
152	54.9	44.4	66.6





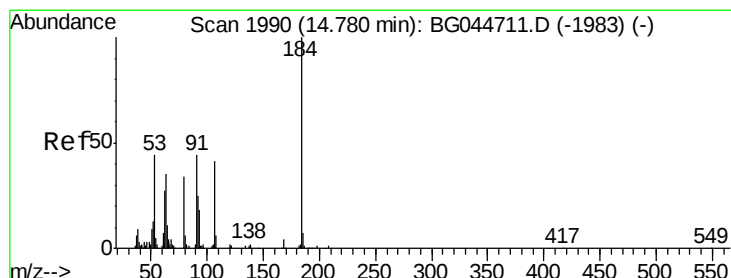
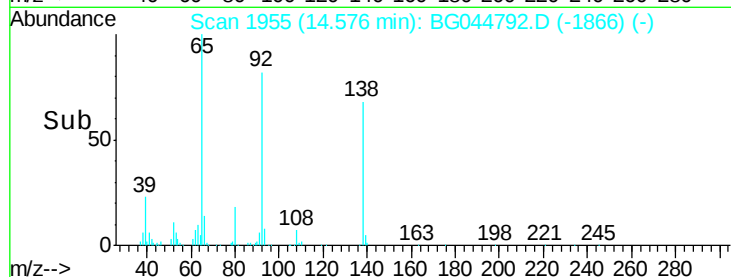
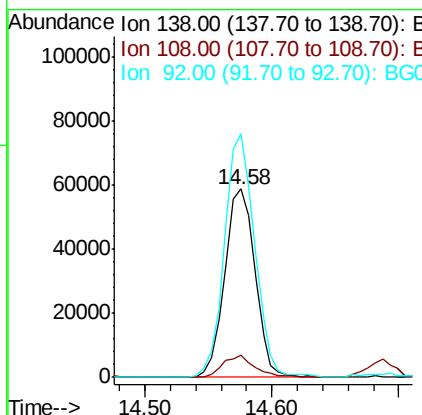
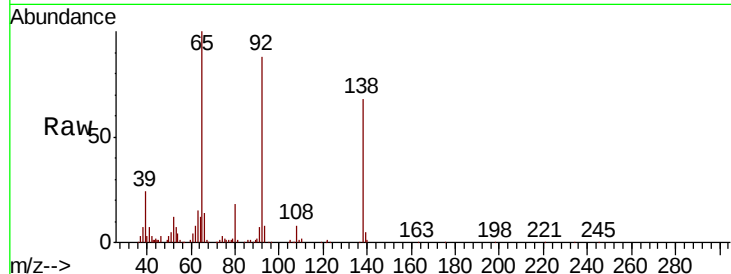
#53
3-Nitroaniline
Concen: 15.935 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.2	13.8
92	129.5	105.6	158.4

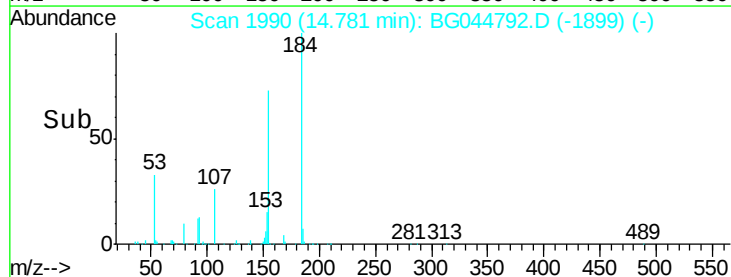
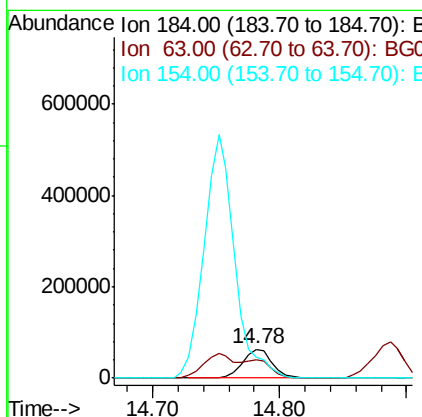
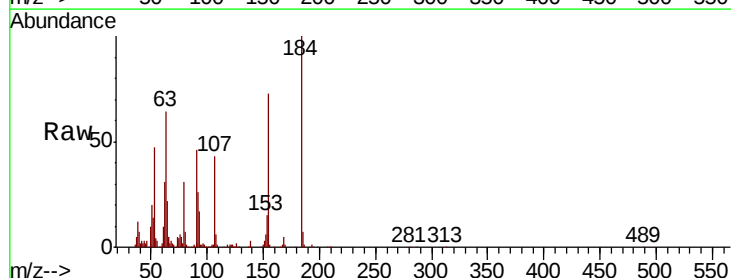
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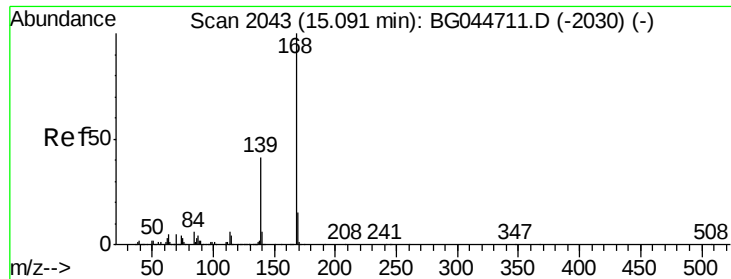
mohammad
3/18/2020 8:43:34 AM



#54
2,4-Dinitrophenol
Concen: 41.328 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.8	49.0	73.6
154	73.1	94.5	141.7#





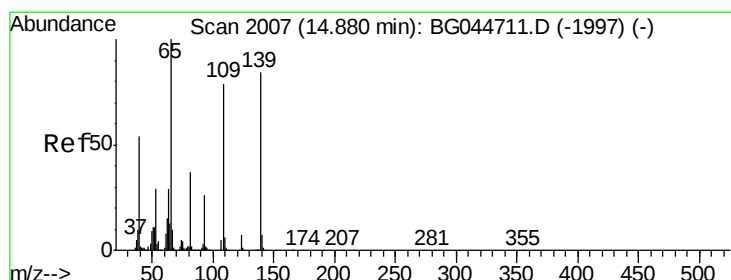
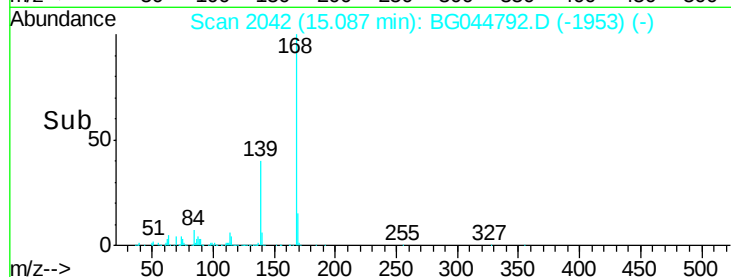
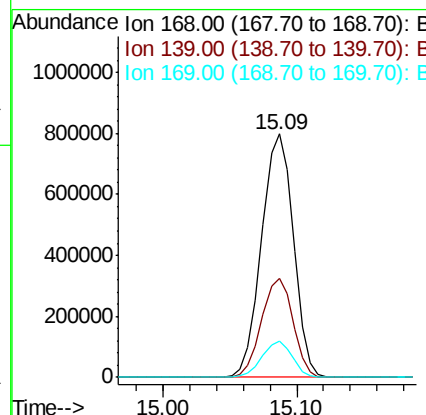
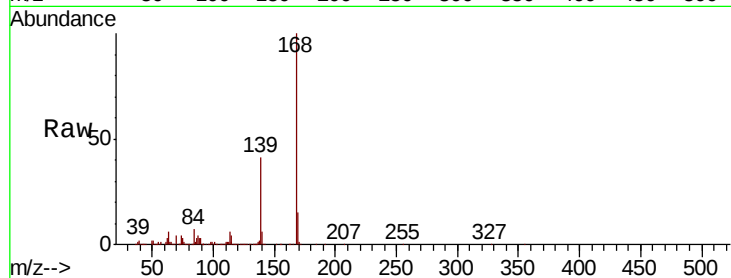
#55
Dibenzofuran
Concen: 43.762 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampled :
MC5B39MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	32.6	49.0
169	14.7	11.8	17.6

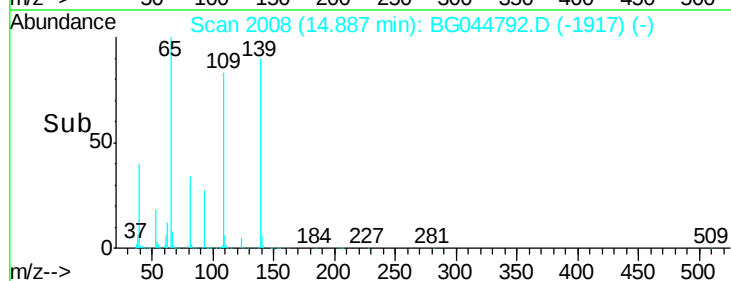
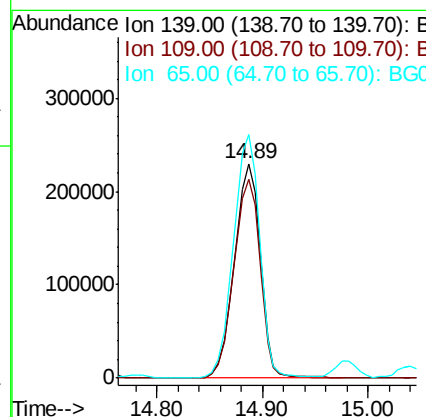
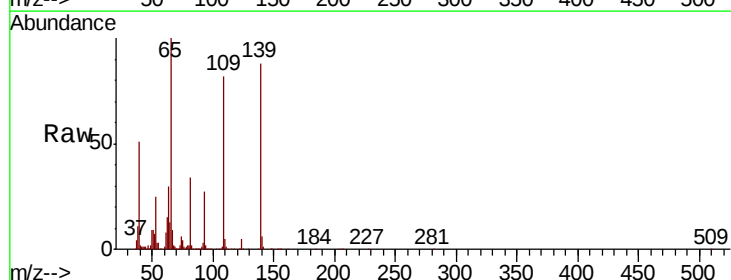
Manual Integrations
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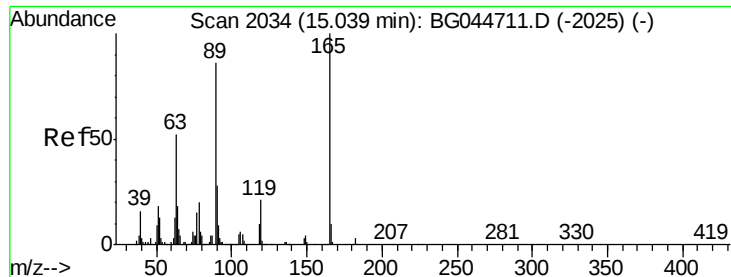
mohammad
3/18/2020 8:43:34 AM



#56
4-Nitrophenol
Concen: 83.378 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.7	74.1	114.1
65	113.5	98.6	138.6





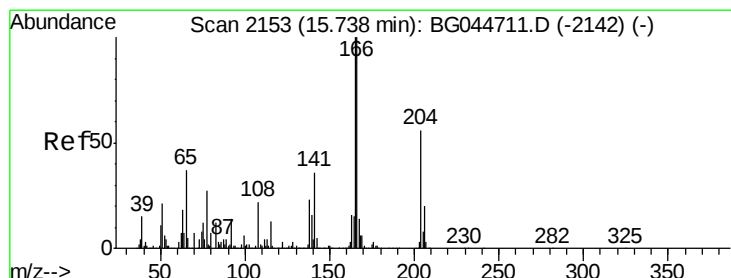
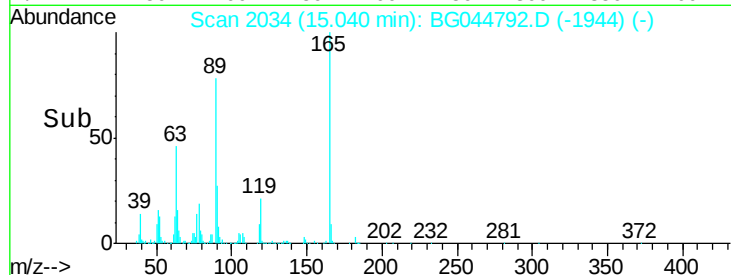
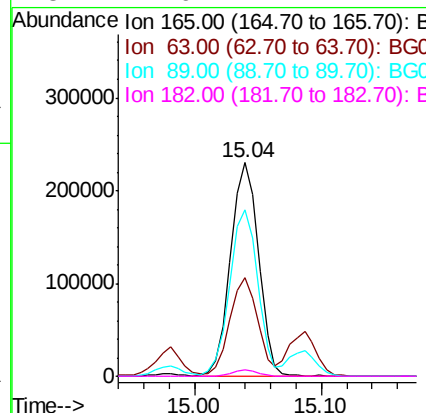
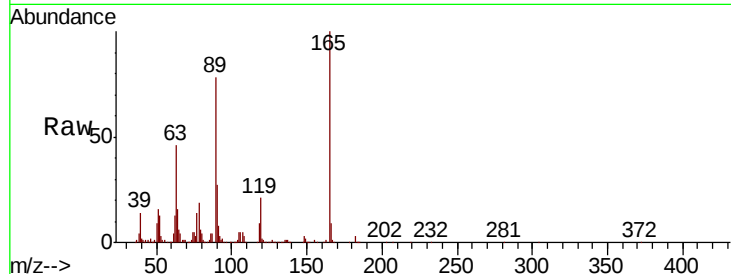
#57
2,4-Dinitrotoluene
Concen: 48.233 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	351814		
63	46.1		41.5	62.3
89	77.8		69.0	103.4
182	2.9		2.7	4.1

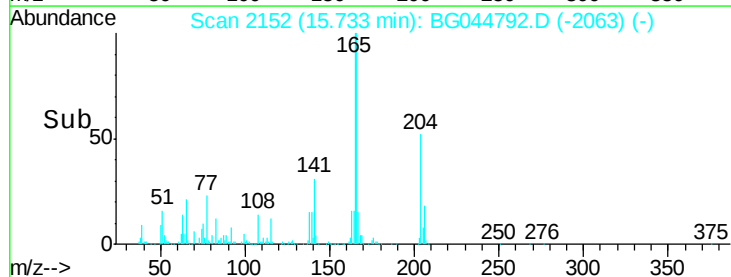
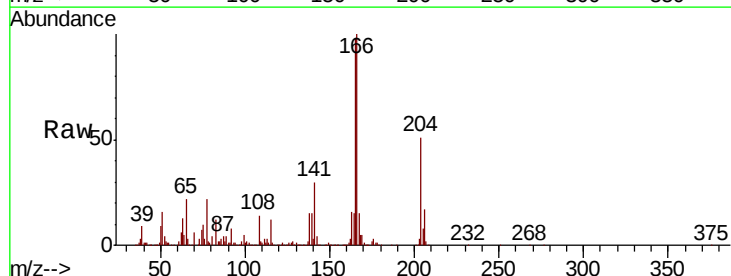
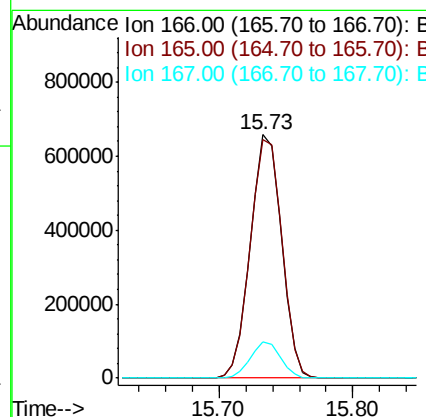
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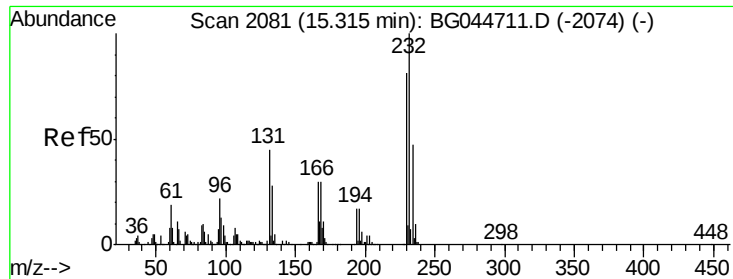
mohammad
3/18/2020 8:43:34 AM



#58
Fluorene
Concen: 42.650 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1055678		
165	97.7		79.6	119.4
167	15.1		11.4	17.2





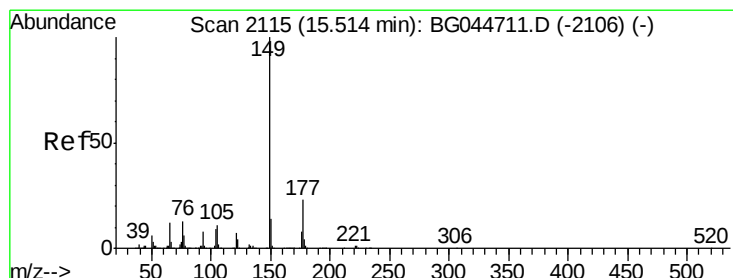
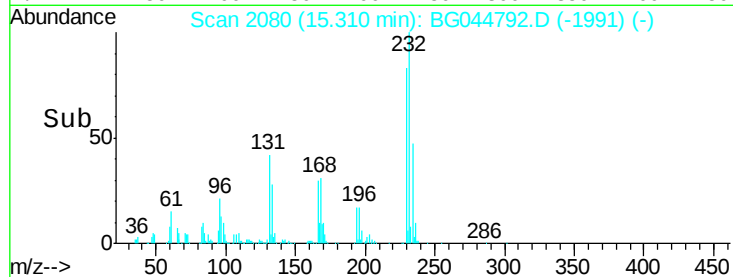
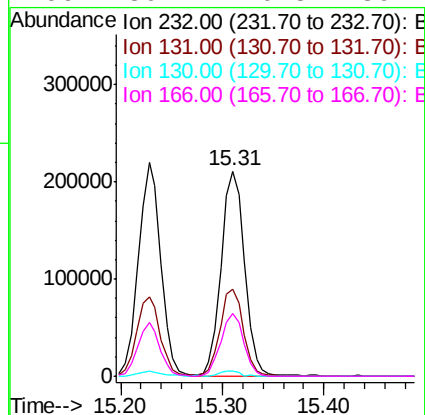
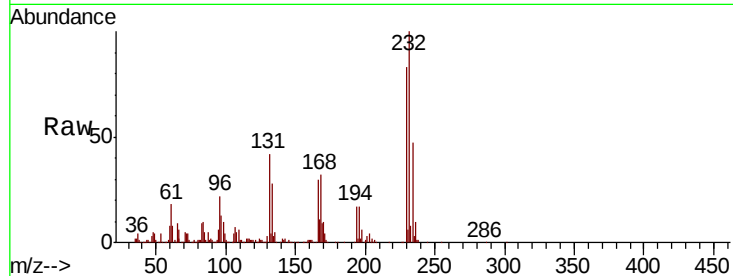
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.820 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	337501		
131	42.0		32.4	48.6
130	2.2		2.0	3.0
166	30.1		20.5	30.7

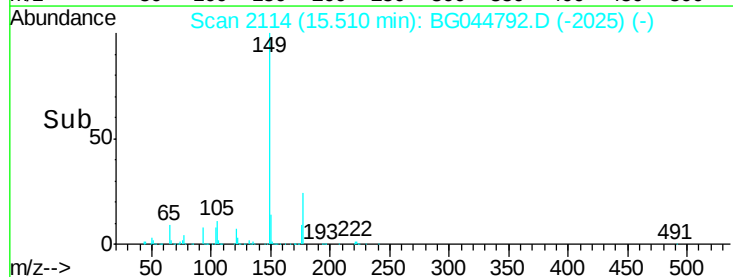
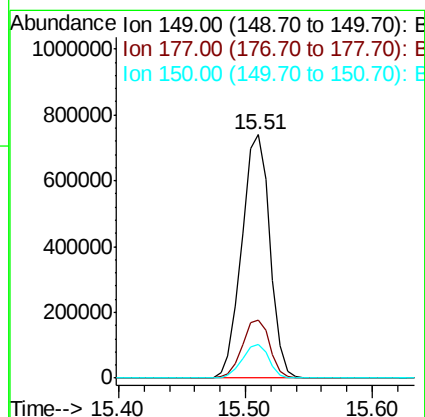
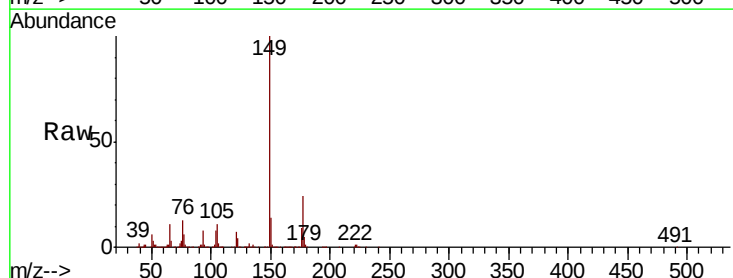
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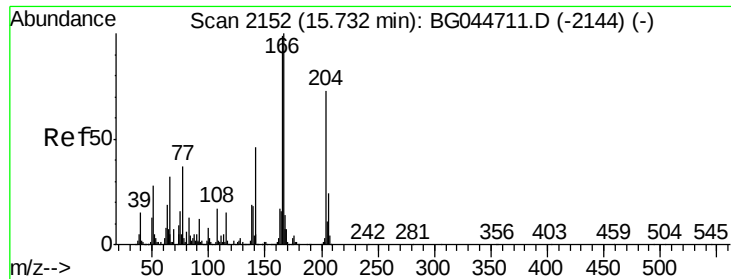
mohammad
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#60
Diethylphthalate
Concen: 41.187 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1133445		
177	23.6		18.8	28.2
150	14.0		11.2	16.8





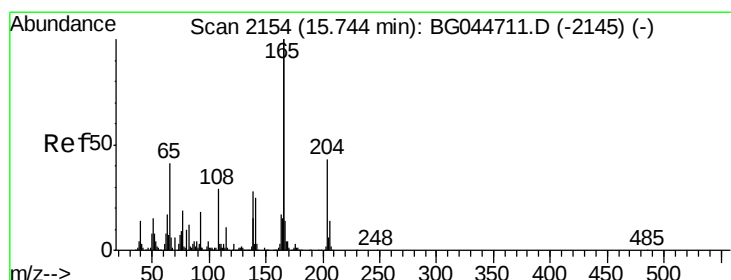
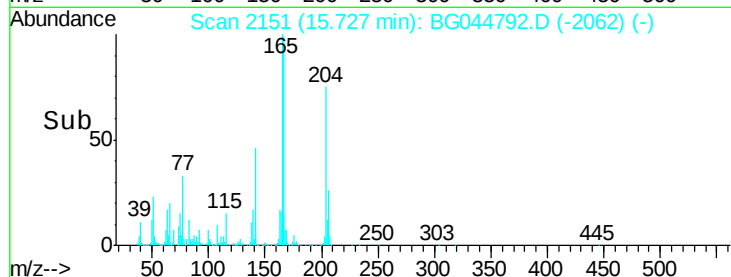
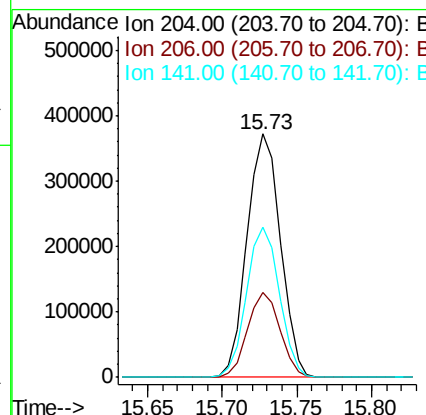
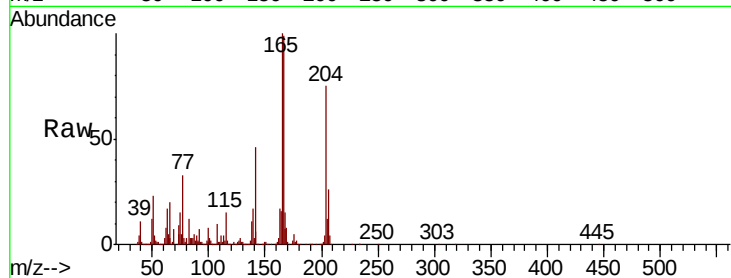
#61
4-Chlorophenyl-phenylether
Concen: 43.138 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	25.8	38.6
141	61.5	50.8	76.2

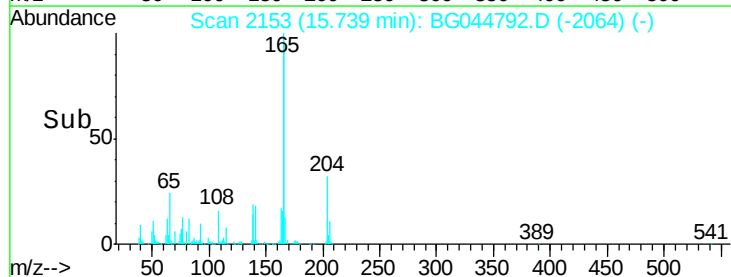
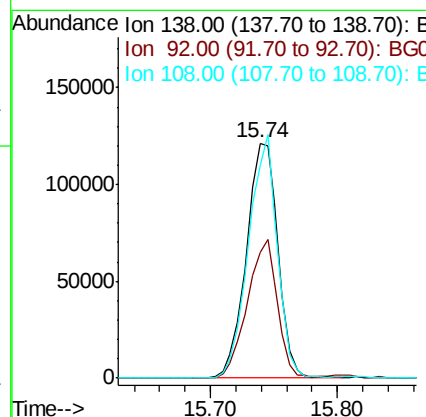
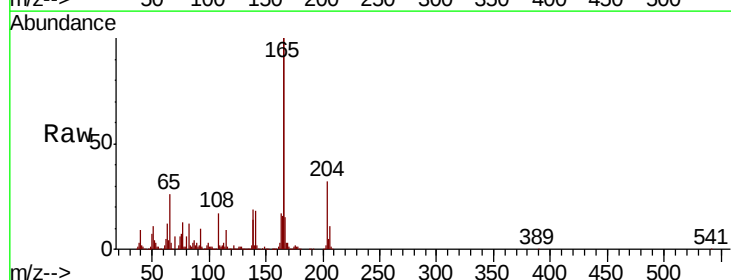
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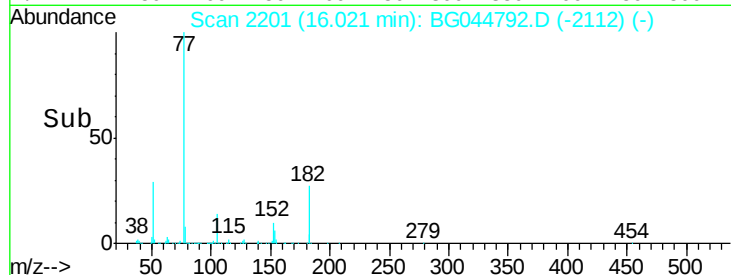
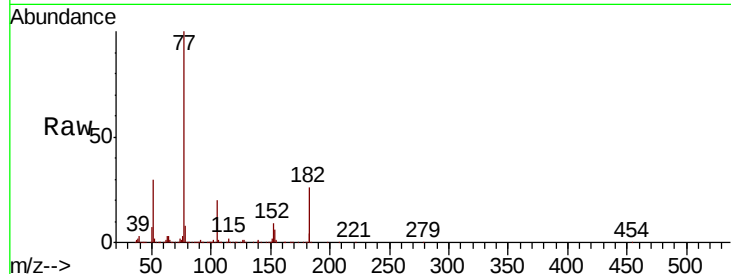
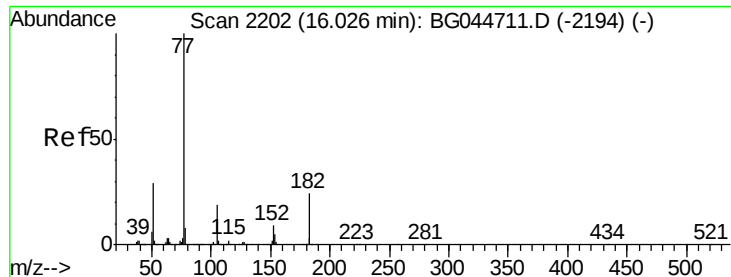
mohammad
3/18/2020 8:43:34 AM



#62
4-Nitroaniline
Concen: 32.290 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.6	42.1	82.1
108	90.4	81.2	121.2





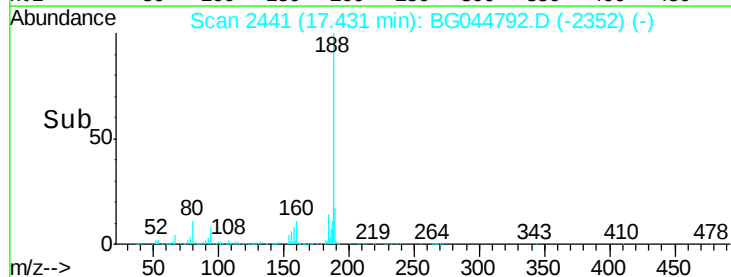
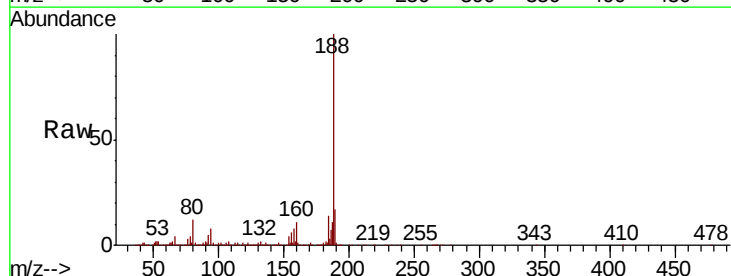
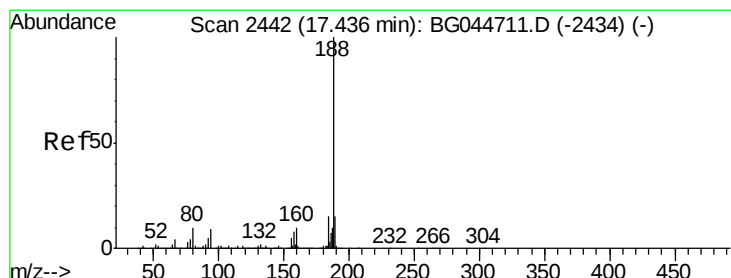
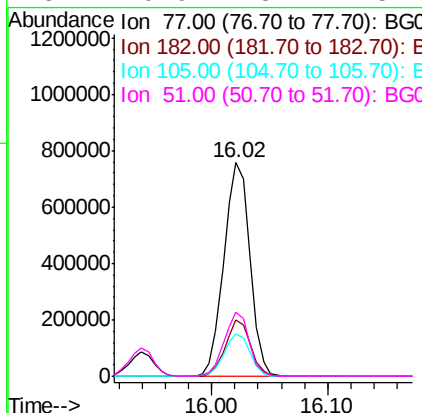
#63
Azobenzene
Concen: 41.231 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tot Ion	77	Resp	1178279
Ion	Ratio	Lower	Upper
77	100		
182	26.2	3.6	43.6
105	19.8	0.0	39.3
51	29.9	8.7	48.7

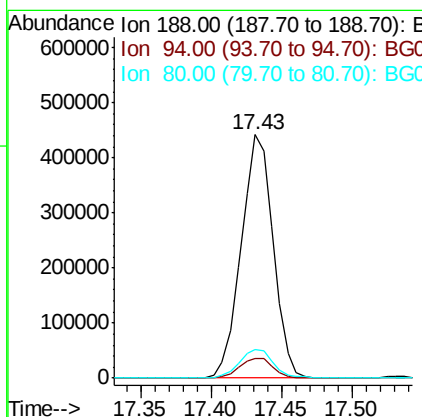
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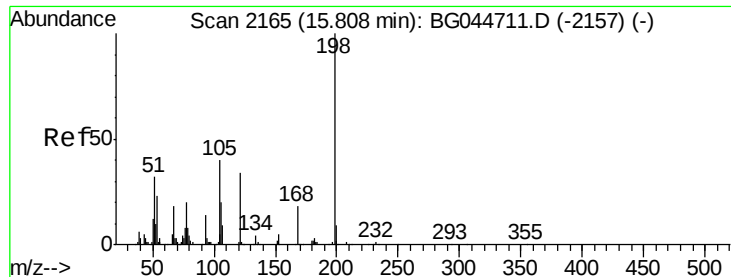
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	188	Resp	700500
Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.0	10.6
80	11.6	8.4	12.6





#65

4,6-Dinitro-2-methylphenol

Concen: 29.617 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

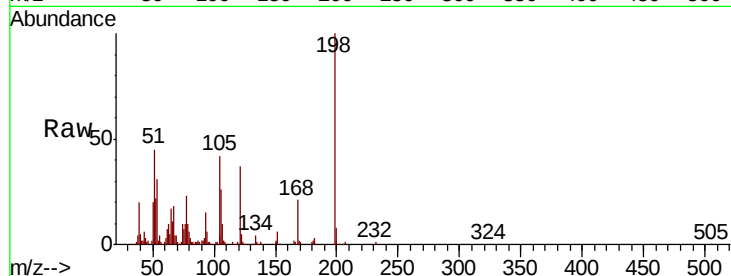
ClientSampleId :

MC5B39MSD

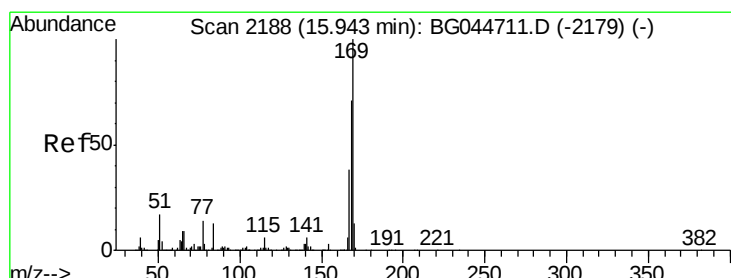
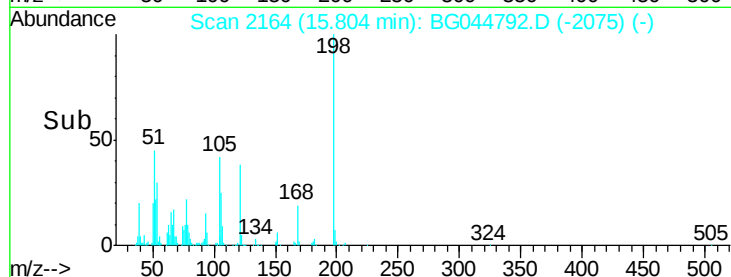
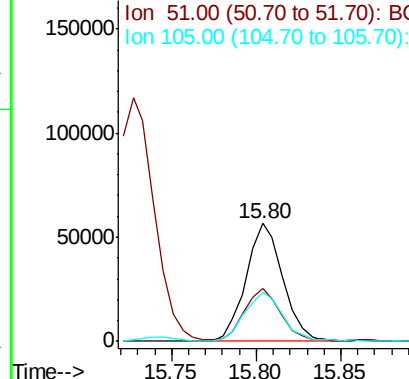
Tot Ion:	198	Resp:	86003
Ion Ratio	Lower	Upper	
198	100		
51	45.0	20.1	60.1
105	42.1	21.3	61.3

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



#66

n-Nitrosodiphenylamine

Concen: 45.204 ng

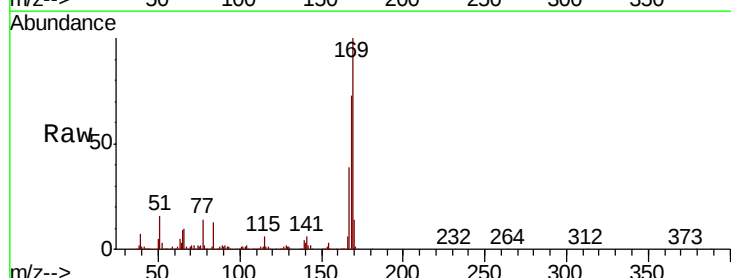
RT: 15.94 min Scan# 2187

Delta R.T. -0.00 min

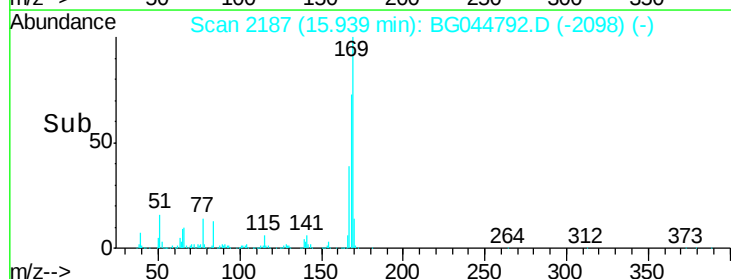
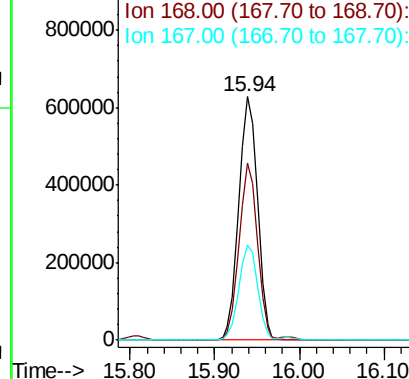
Lab File: BG044792.D

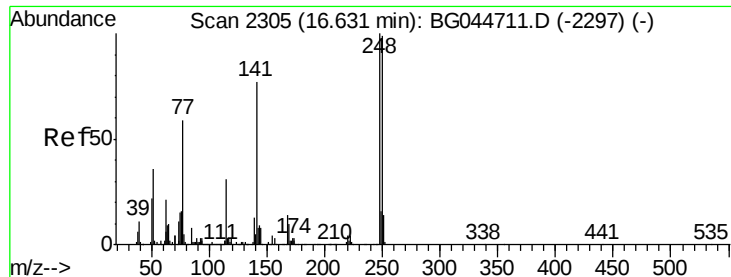
Acq: 14 Mar 2020 10:28

Tgt Ion:	169	Resp:	953339
Ion Ratio	Lower	Upper	
169	100		
168	72.7	56.6	85.0
167	39.3	30.1	45.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





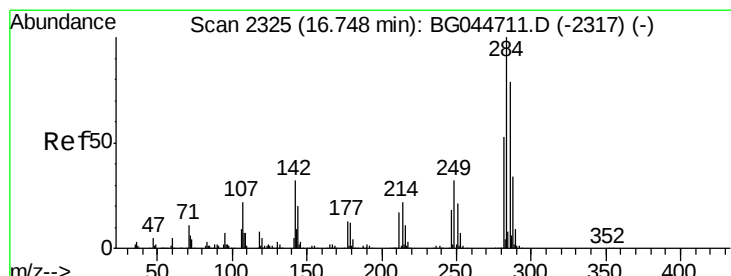
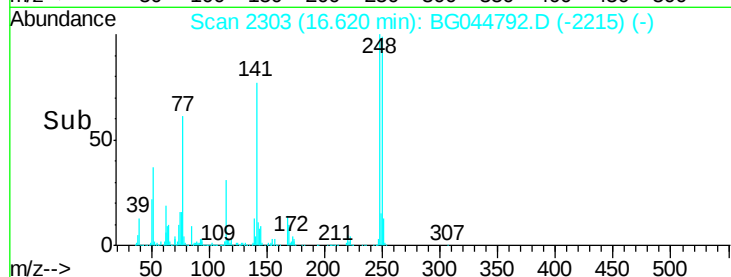
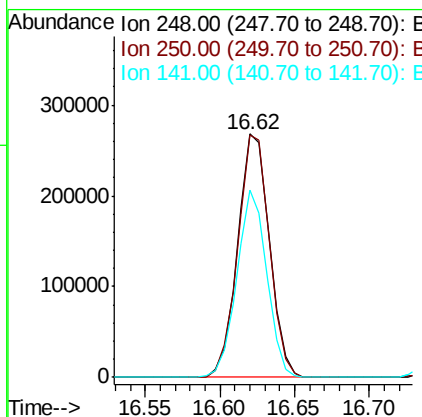
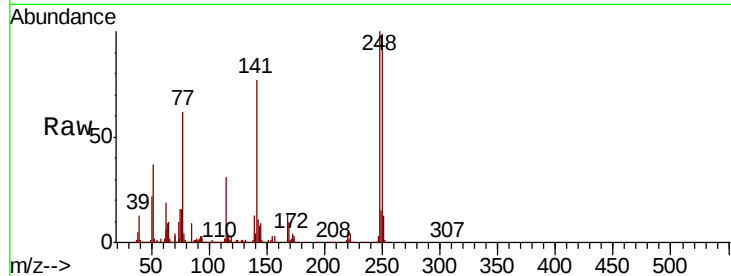
#67
 4-Bromophenyl-phenylether
 Concen: 45.189 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MSD

Tot Ion:	248	Resp:	395727
Ion Ratio		Lower	Upper
248	100		
250	99.5	79.4	119.0
141	76.9	61.7	92.5

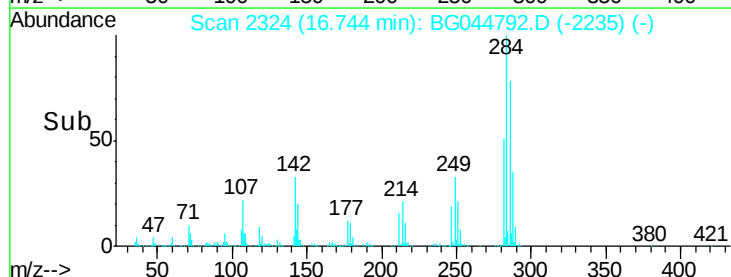
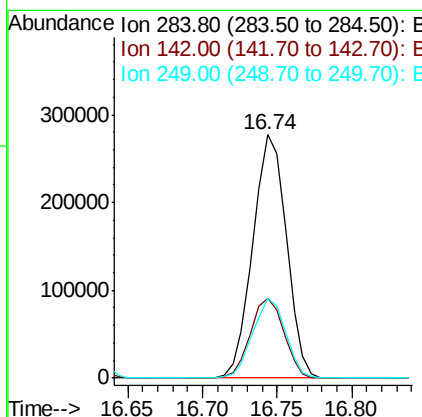
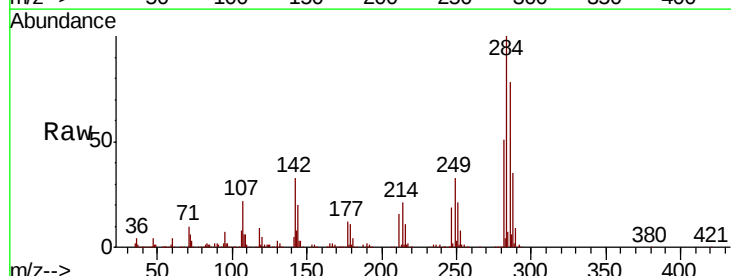
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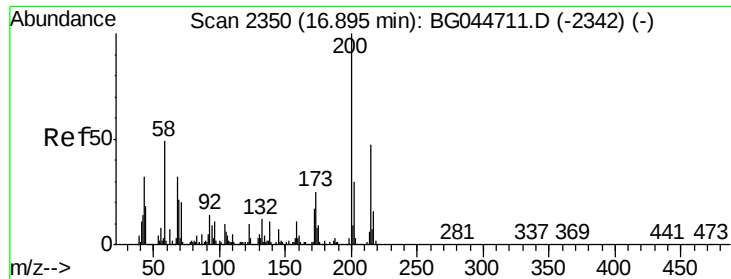
mohammad
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#68
 Hexachlorobenzene
 Concen: 45.298 ng
 RT: 16.74 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Tgt Ion:	284	Resp:	430361
Ion Ratio		Lower	Upper
284	100		
142	33.0	25.6	38.4
249	32.5	25.8	38.6





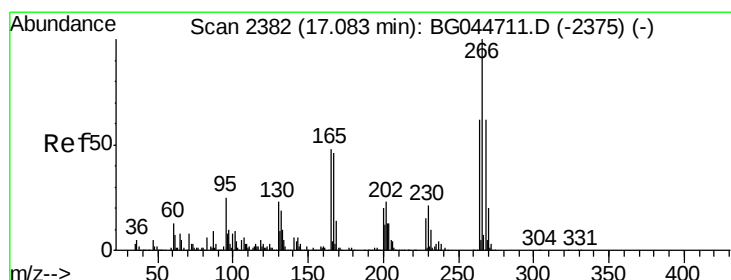
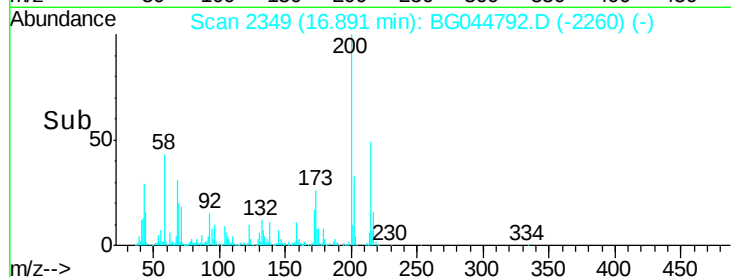
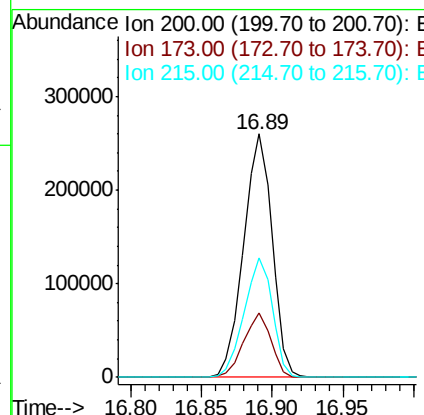
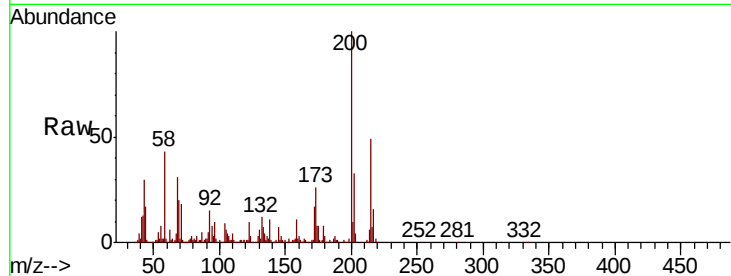
#69
Atrazine
Concen: 47.654 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	4.8	44.8
215	49.1	27.4	67.4

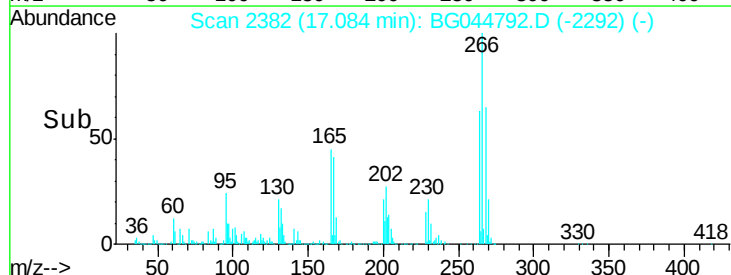
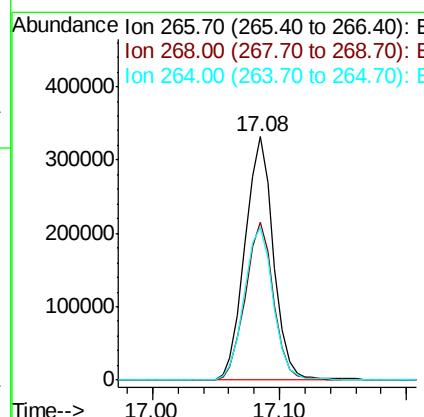
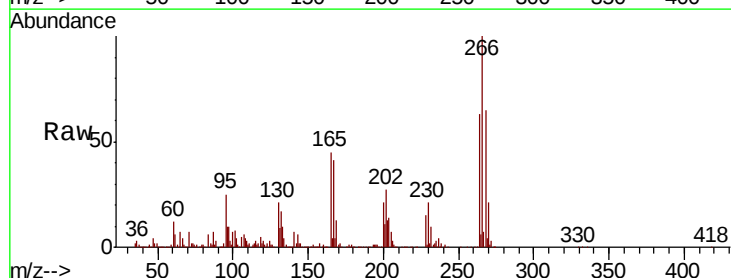
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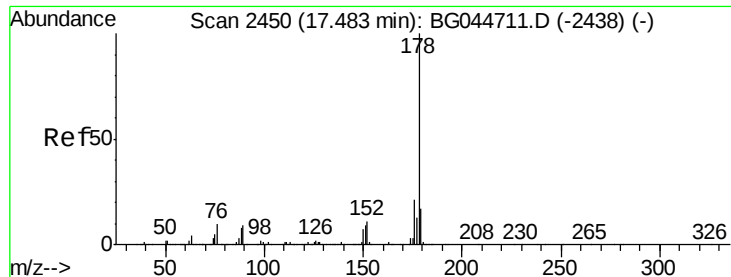
mohammad
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#70
Pentachlorophenol
Concen: 98.715 ng
RT: 17.08 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	49.9	74.9
264	62.9	49.9	74.9





#71

Phenanthrene

Concen: 43.328 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

Tot Ion:178 Resp: 1621937

Ion Ratio Lower Upper

178 100

176 22.2 17.0 25.6

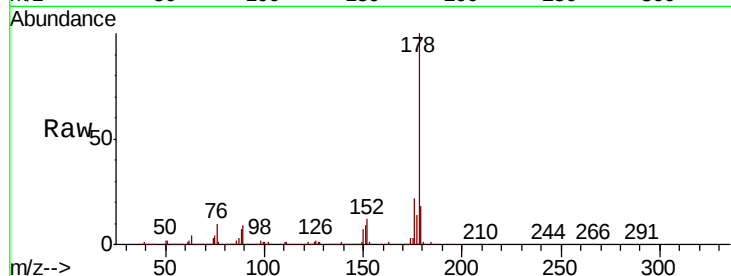
179 17.5 13.7 20.5

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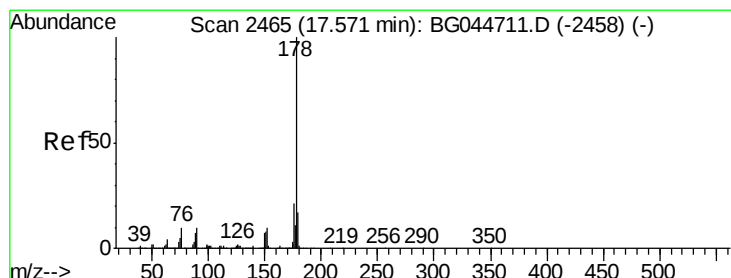
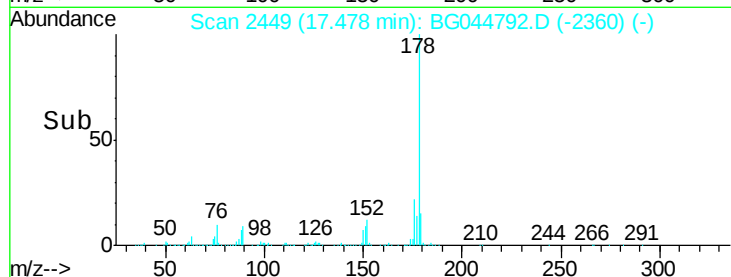
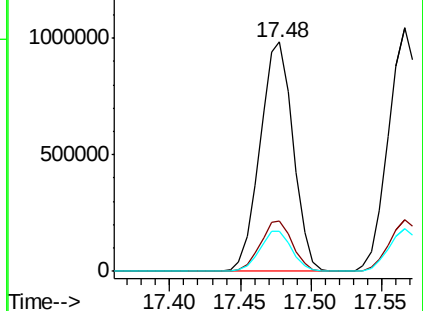
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.808 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Tgt Ion:178 Resp: 1653949

Ion Ratio Lower Upper

178 100

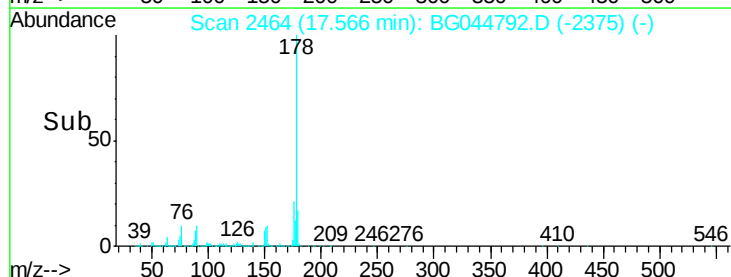
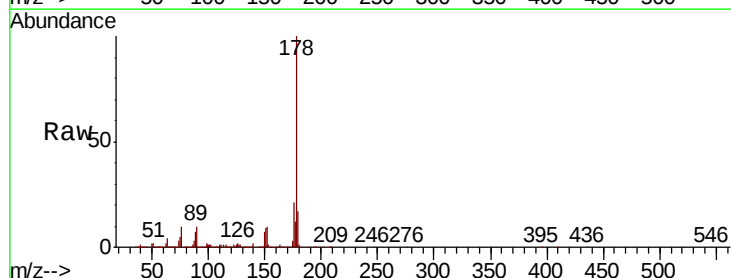
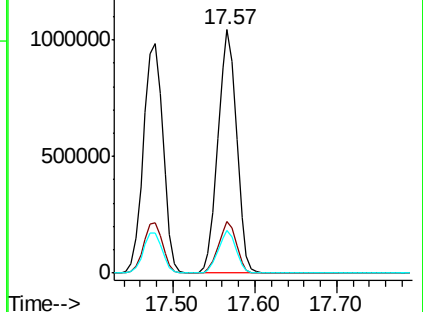
176 21.2 17.0 25.6

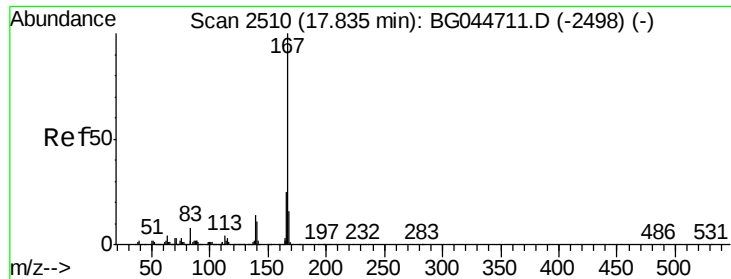
179 17.5 13.8 20.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.677 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

Tot Ion:167 Resp: 1548640

Ion Ratio Lower Upper

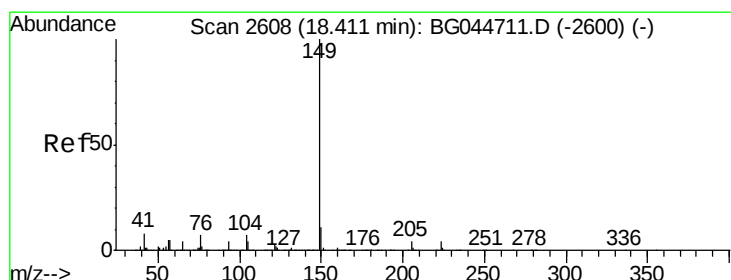
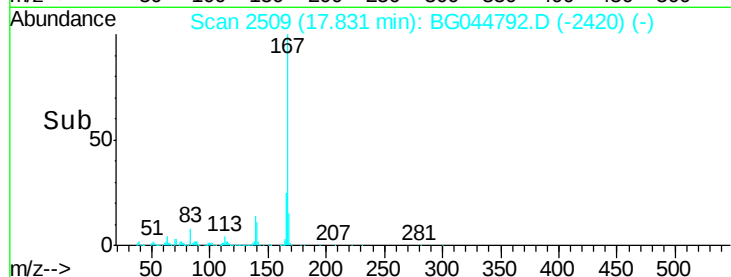
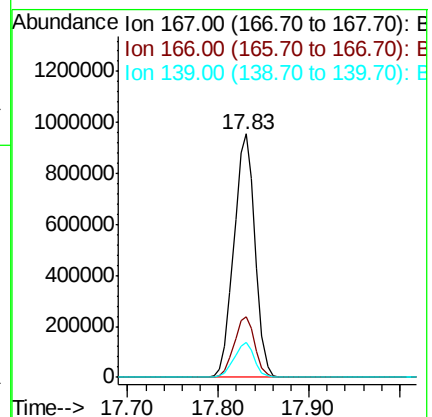
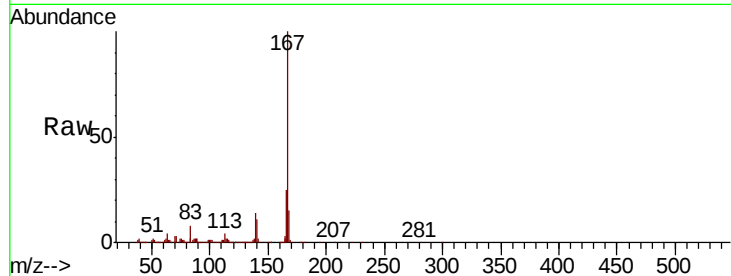
167 100

166 24.8 19.6 29.4

139 14.3 11.4 17.2

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#74

Di-n-butylphthalate

Concen: 42.772 ng

RT: 18.40 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

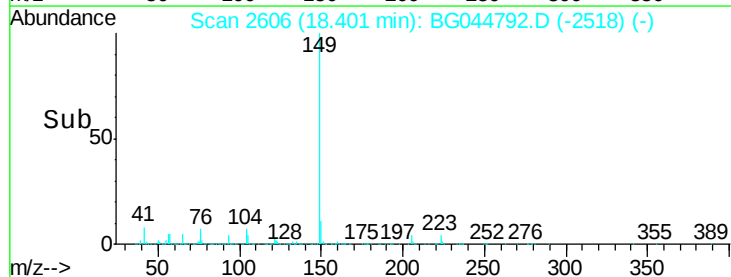
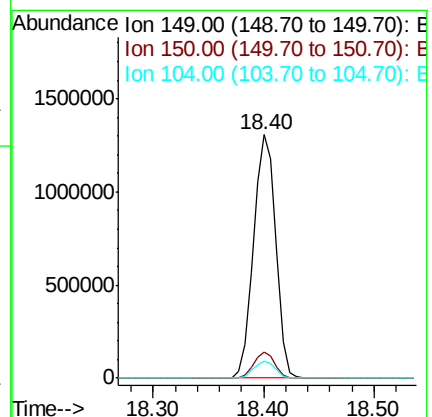
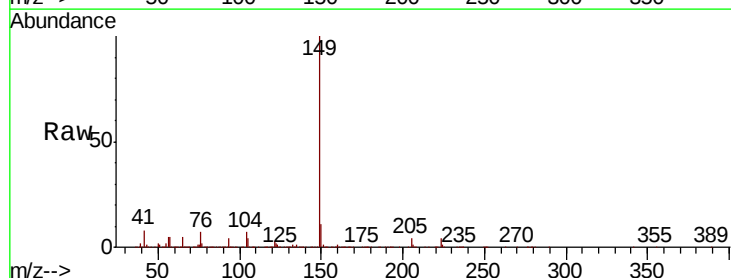
Tgt Ion:149 Resp: 1843534

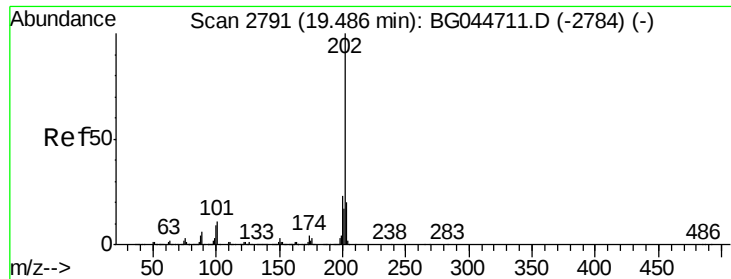
Ion Ratio Lower Upper

149 100

150 10.9 8.4 12.6

104 7.1 5.6 8.4





#75

Fluoranthene

Concen: 42.982 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

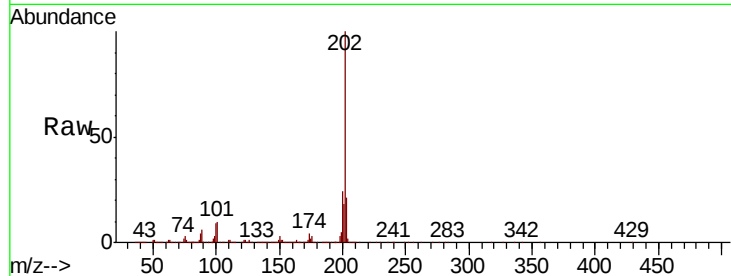
ClientSampleId :

MC5B39MSD

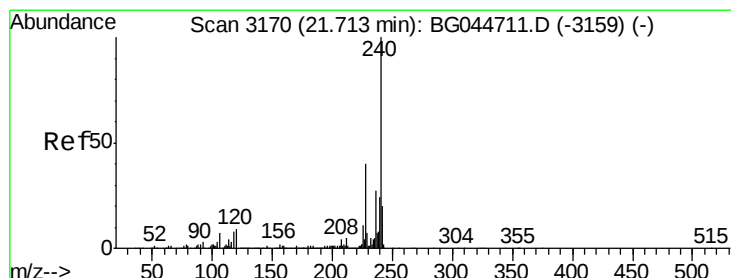
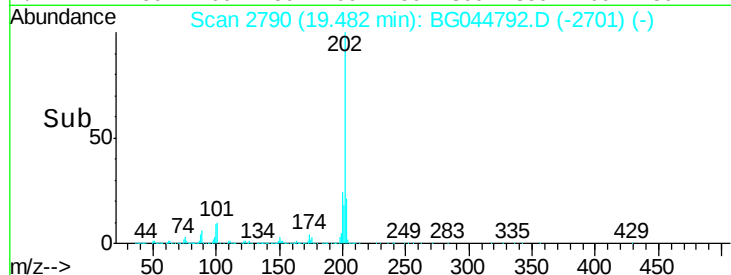
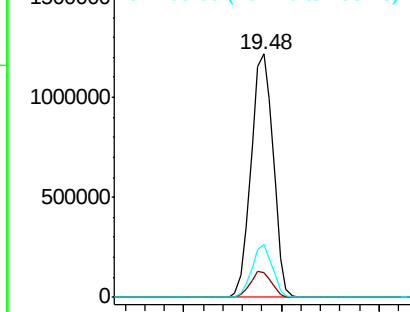
Tot Ion:	202	Resp:	1915748
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.3
203	21.5	0.4	40.4

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



#76

Chrysene-d12

Concen: 20.000 ng

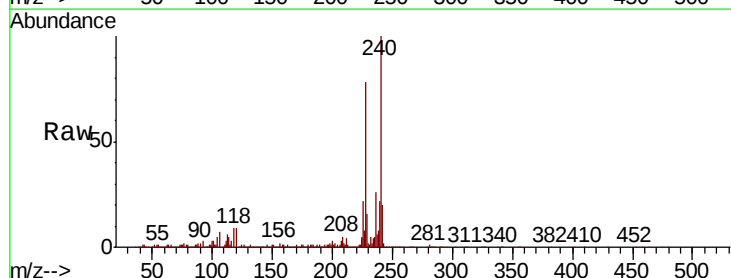
RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

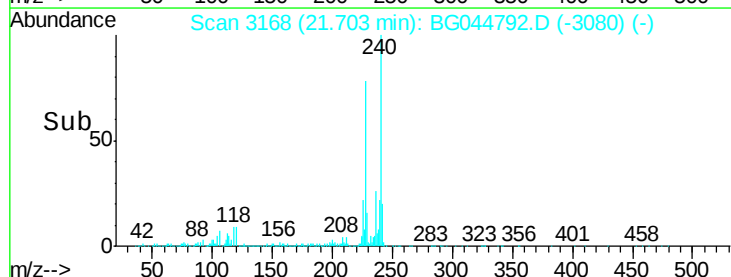
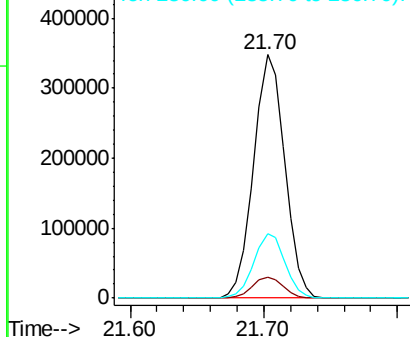
Lab File: BG044792.D

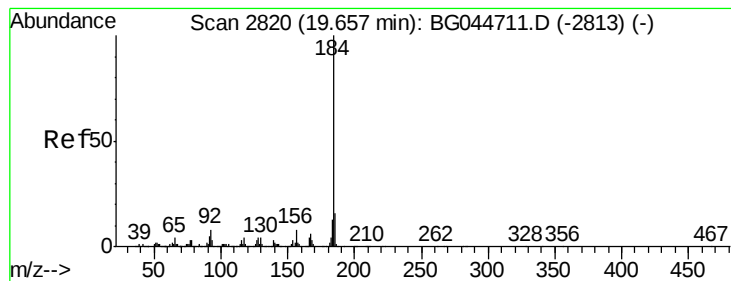
Acq: 14 Mar 2020 10:28

Tgt Ion:	240	Resp:	560352
Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.9	10.3
236	26.4	21.9	32.9



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: 15.507 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

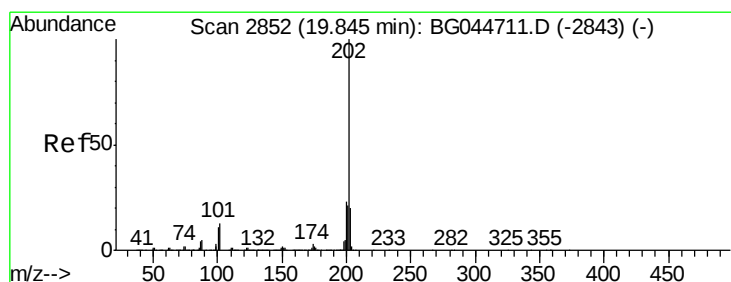
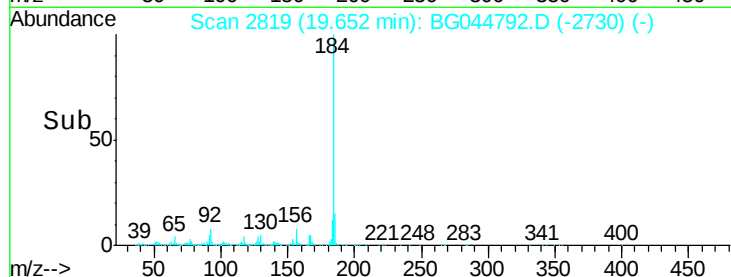
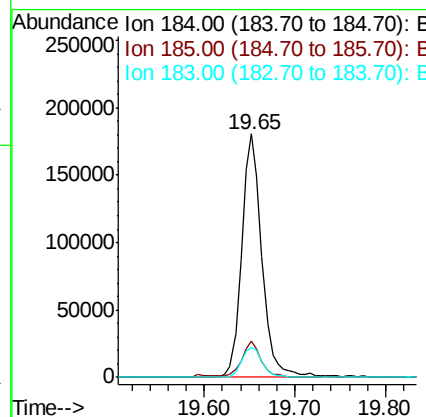
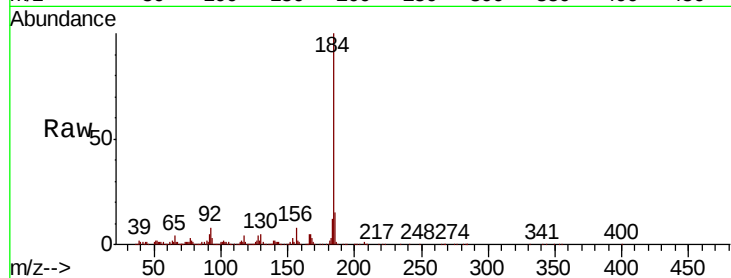
ClientSampleId :

MC5B39MSD

Tot Ion:	184	Resp:	282088
Ion Ratio		Lower	Upper
184	100		
185	15.0	12.9	19.3
183	12.0	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 45.931 ng

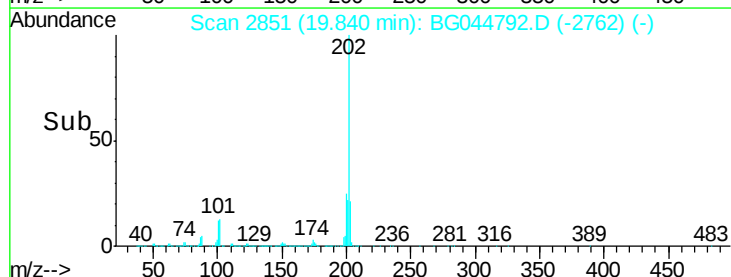
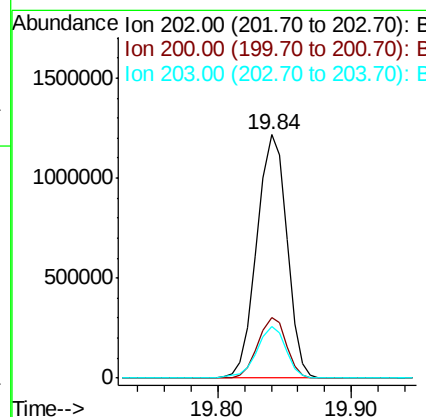
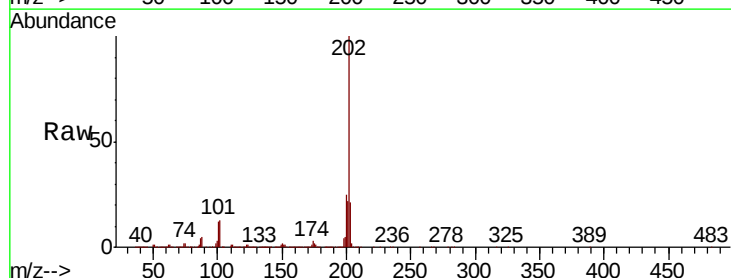
RT: 19.84 min Scan# 2851

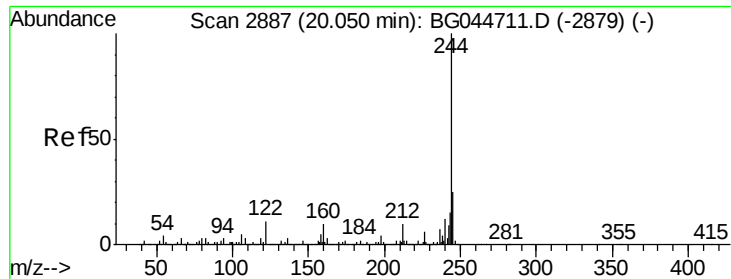
Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Tgt Ion:	202	Resp:	1888287
Ion Ratio		Lower	Upper
202	100		
200	25.0	18.7	28.1
203	21.0	16.0	24.0





#79

Terphenyl-d14

Concen: 82.631 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

Tot Ion:244 Resp: 2475333

Ion Ratio Lower Upper

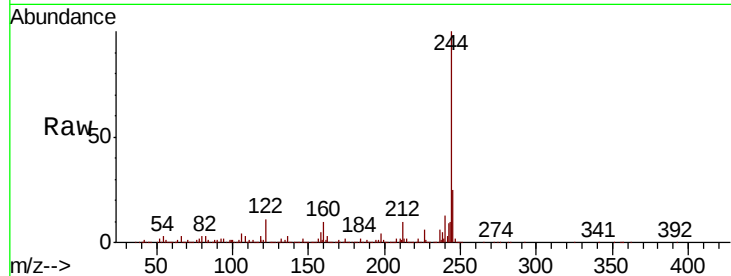
244 100

212 10.3 8.4 12.6

122 10.8 8.7 13.1

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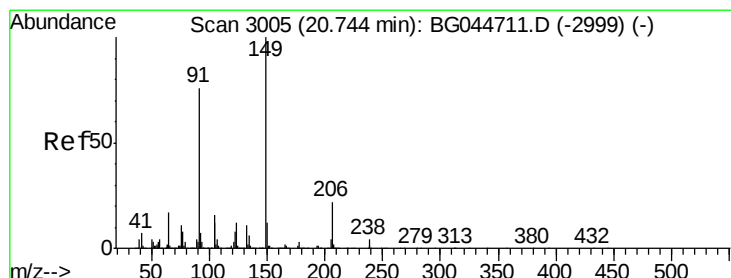
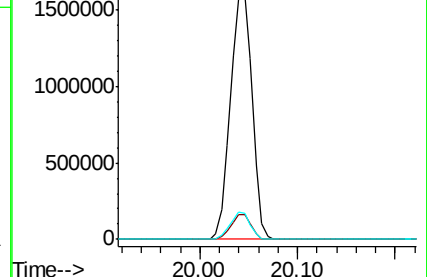
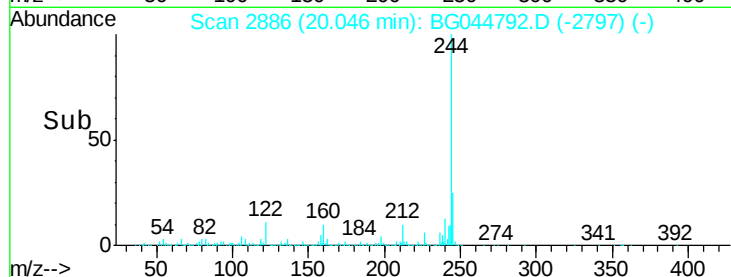
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.158 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

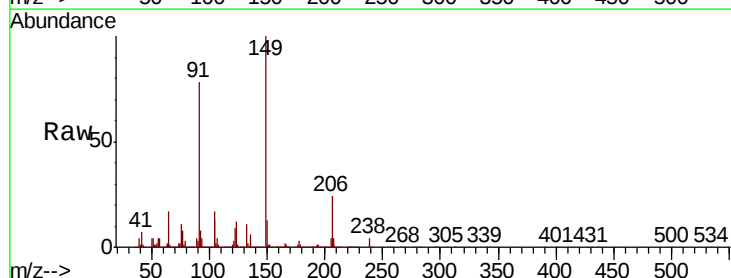
Tgt Ion:149 Resp: 825920

Ion Ratio Lower Upper

149 100

91 77.8 61.1 91.7

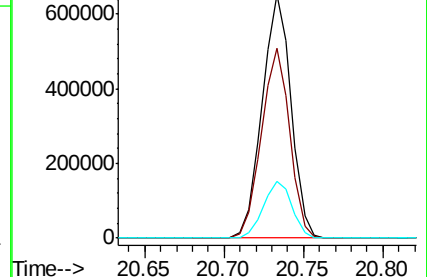
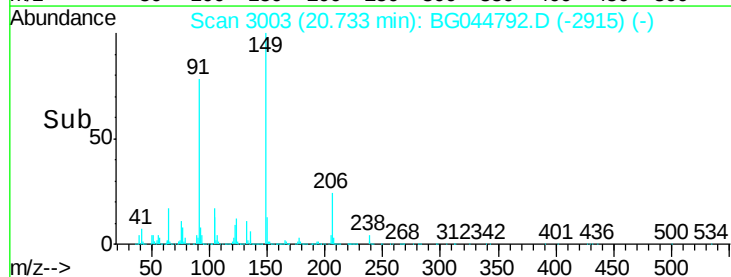
206 23.6 17.4 26.2

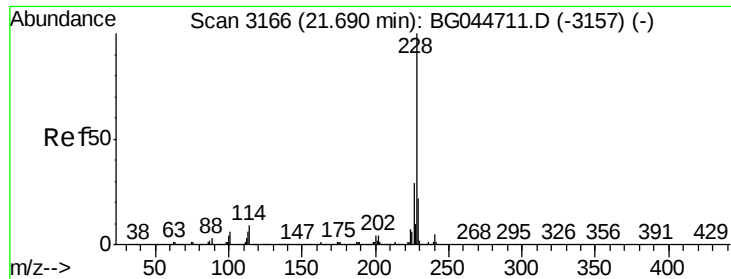


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.624 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

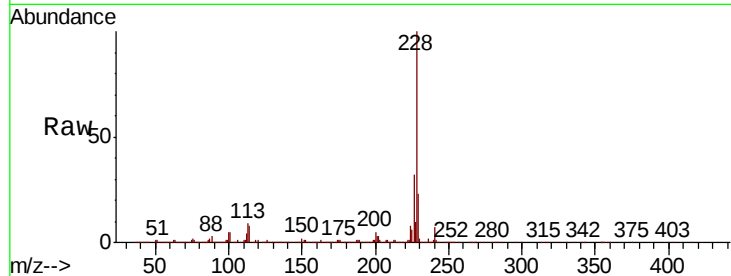
ClientSampled :

MC5B39MSD

Tot Ion:	228	Resp:	1800564
Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.5	35.3
229	22.5	17.2	25.8

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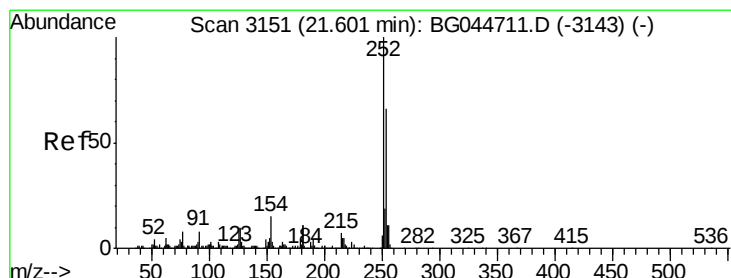
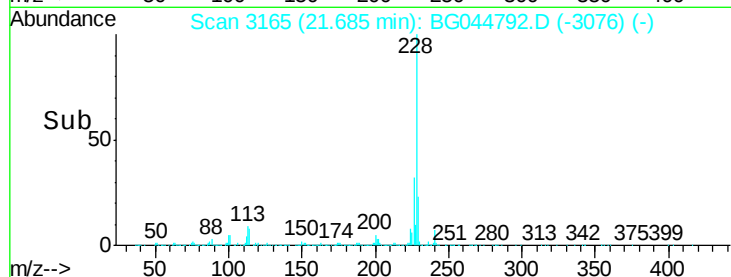
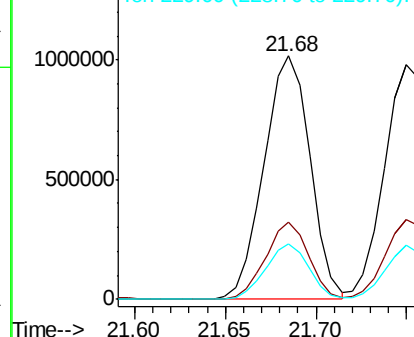


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.394 ng

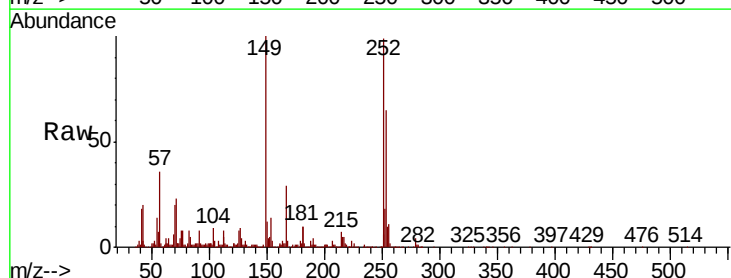
RT: 21.60 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Tgt Ion:	252	Resp:	443227
Ion	Ratio	Lower	Upper
252	100		
254	65.7	53.0	79.4
126	7.9	8.2	12.4#

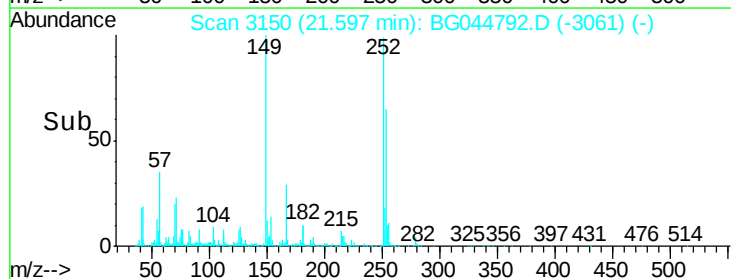
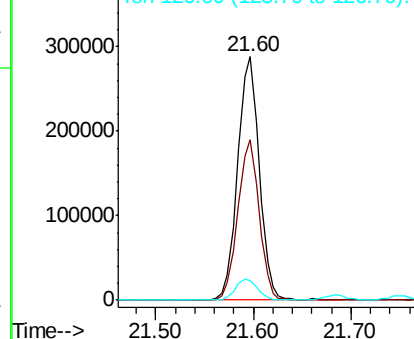


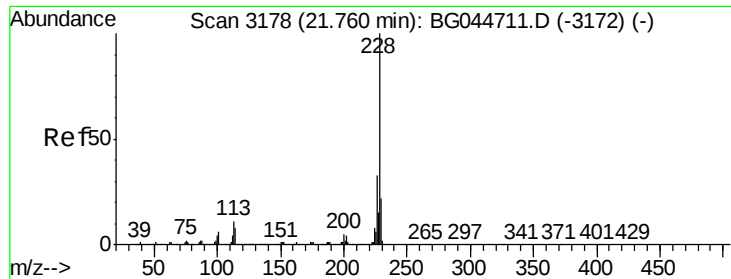
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





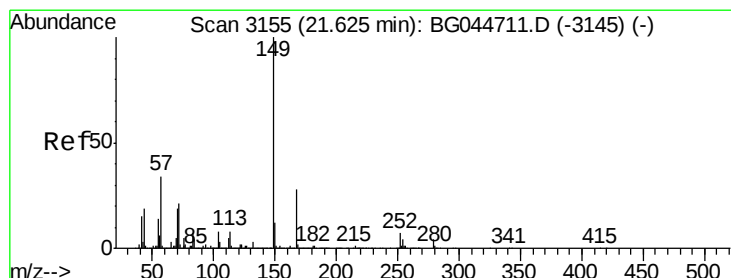
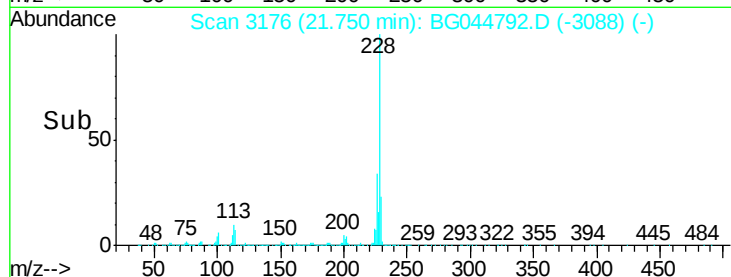
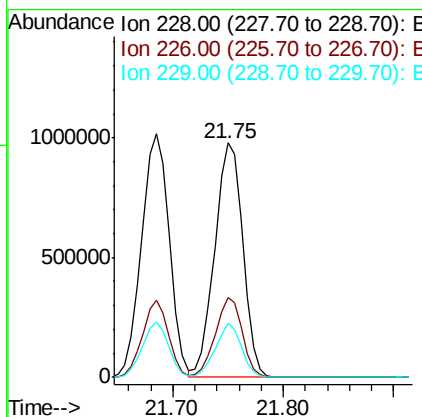
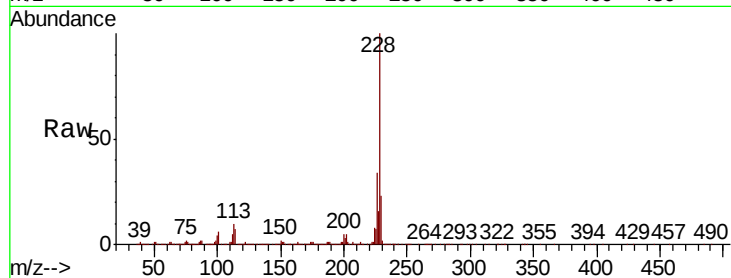
#83
 Chrvsene
 Concen: 44.750 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Instrument :
 BNA_G
 ClientSampled :
 MC5B39MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.1	26.1	39.1
229	23.4	17.4	26.0

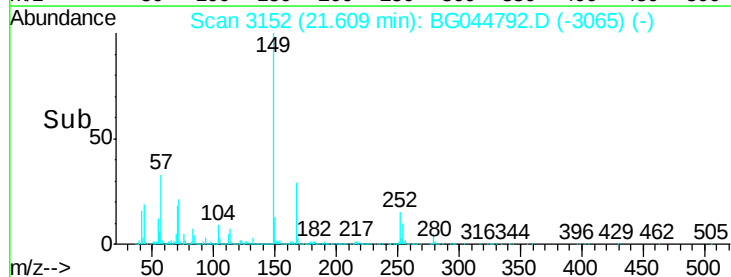
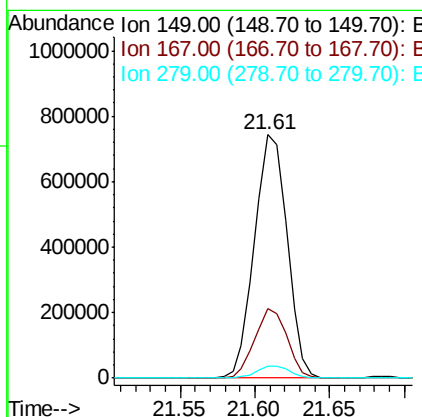
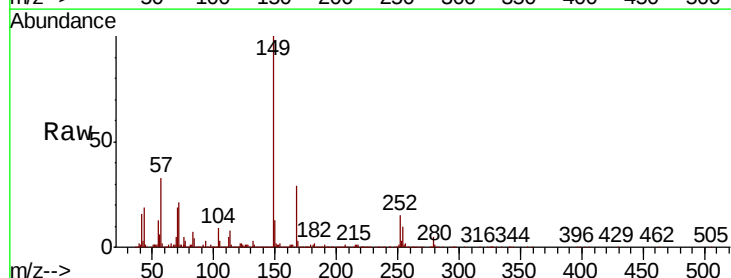
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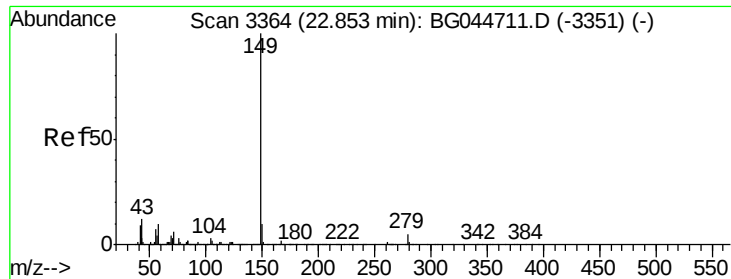
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.528 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. -0.02 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.6	33.8
279	4.9	3.5	5.3





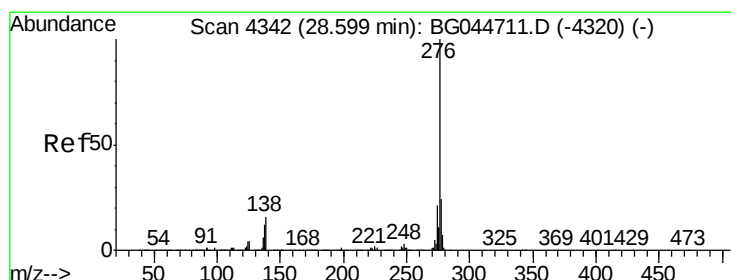
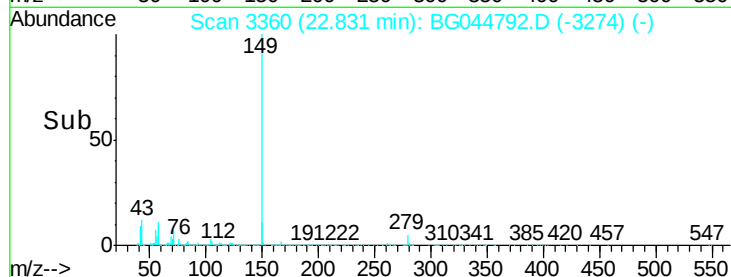
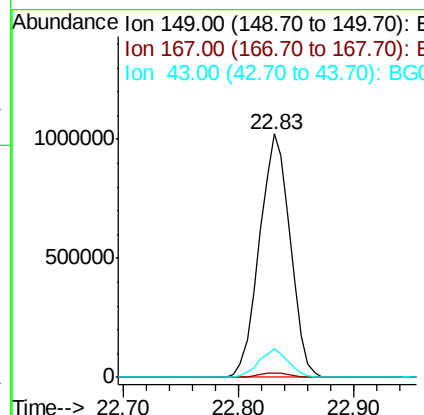
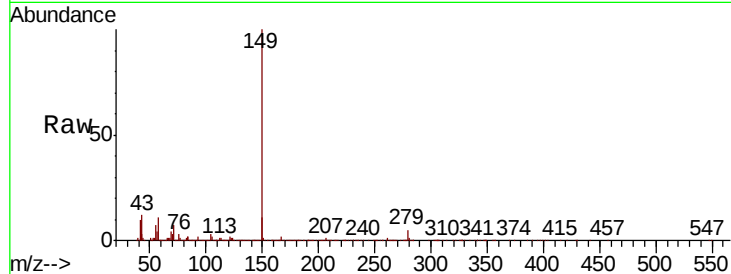
#85
Di-n-octyl phthalate
Concen: 44.755 ng
RT: 22.83 min Scan# 3360
Delta R.T. -0.02 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampled :
MC5B39MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	11.1	9.0	13.6

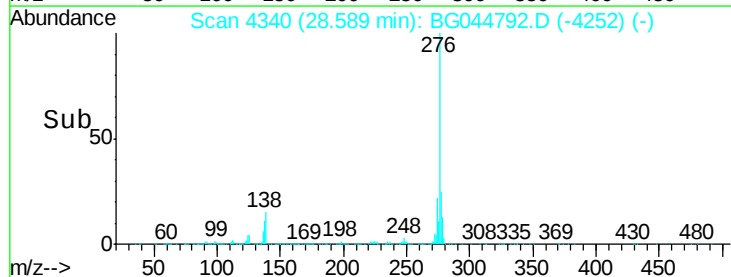
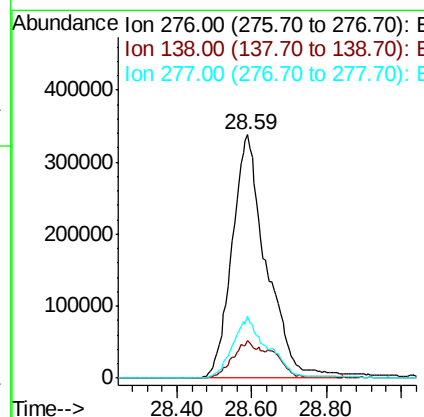
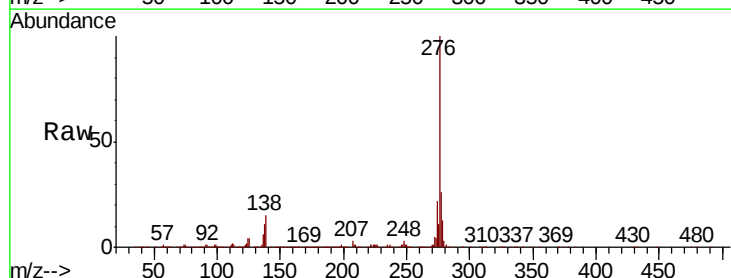
Manual Integrations
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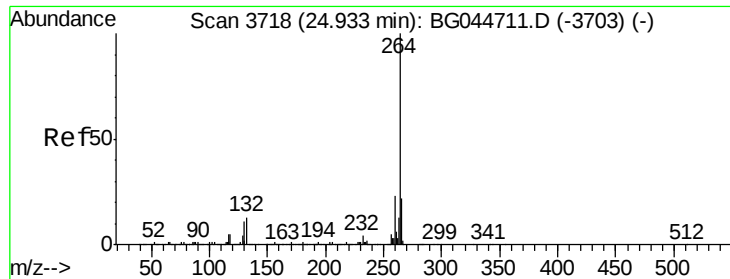
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.534 ng
RT: 28.59 min Scan# 4340
Delta R.T. -0.01 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.4	10.9	16.3
277	25.3	20.8	31.2





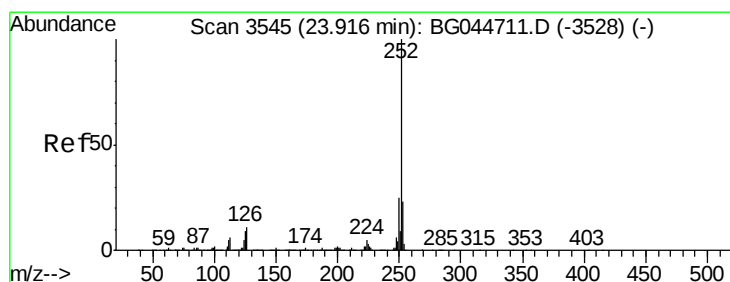
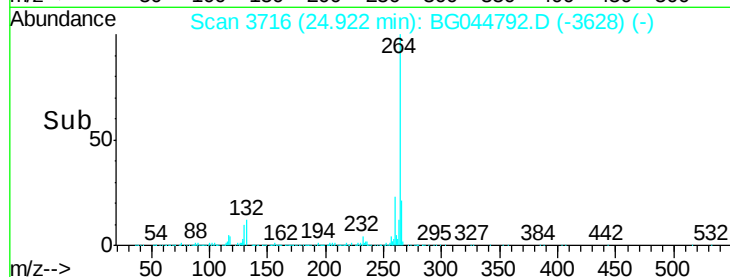
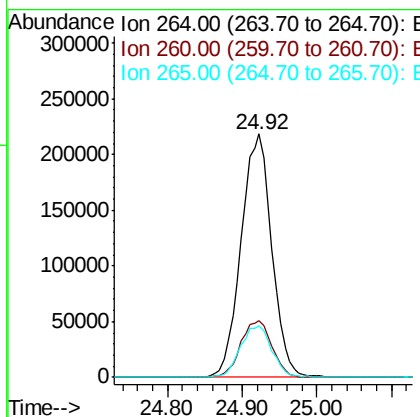
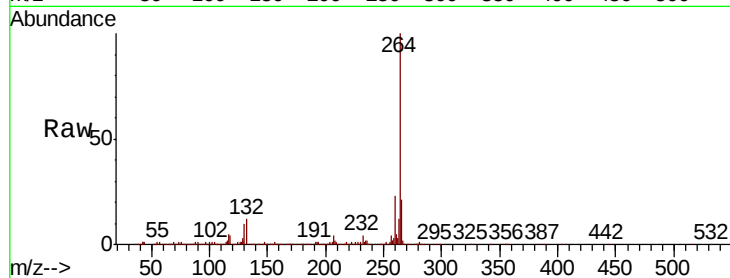
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.01 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.1	17.4	26.2

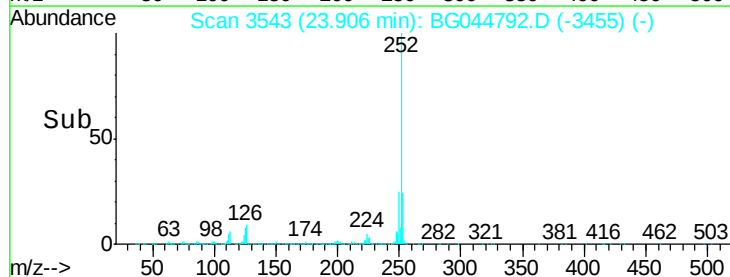
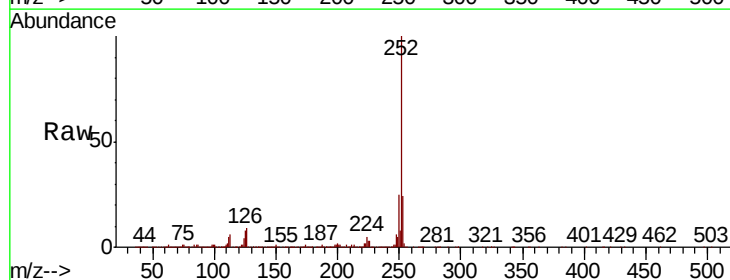
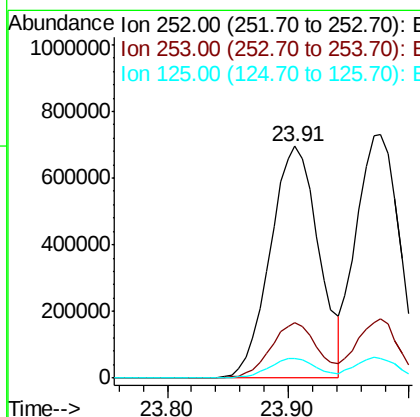
Manual Integrations
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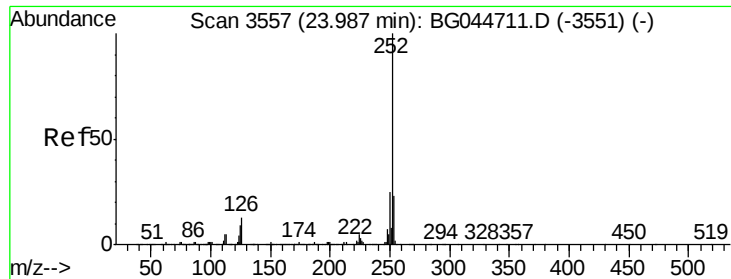
mohammad
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#88
Benzo(b)fluoranthene
Concen: 47.007 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.7	28.1
125	8.4	7.2	10.8





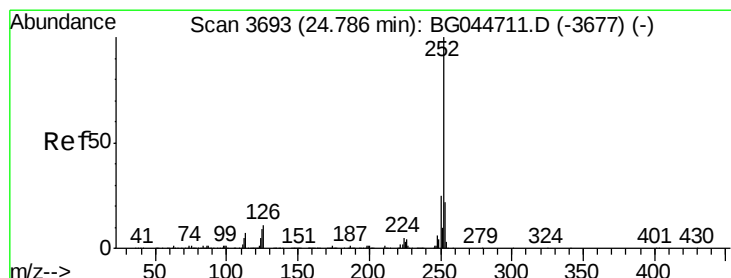
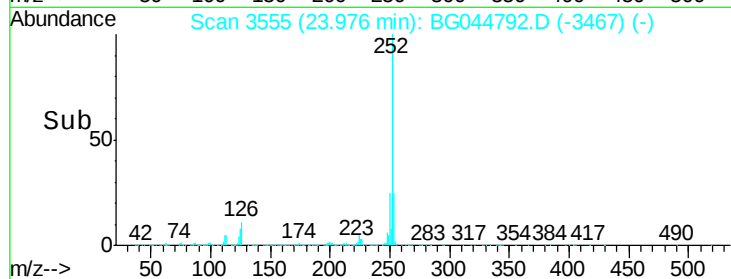
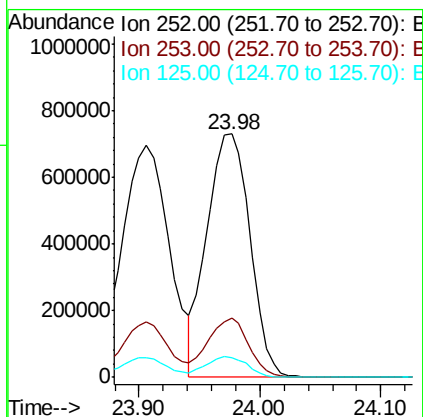
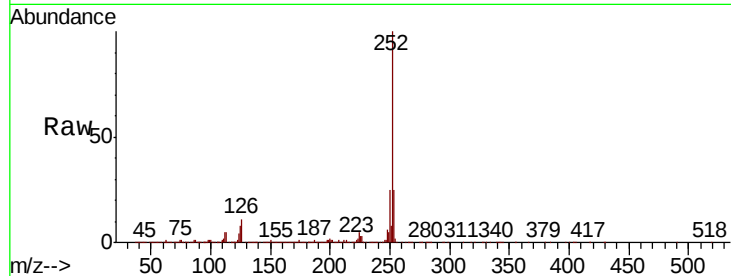
#89
Benzo(k)fluoranthene
Concen: 46.232 ng
RT: 23.98 min Scan# 3555
Delta R.T. -0.01 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	8.0	7.0	10.4

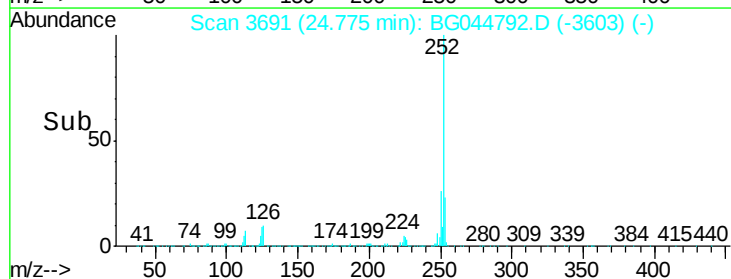
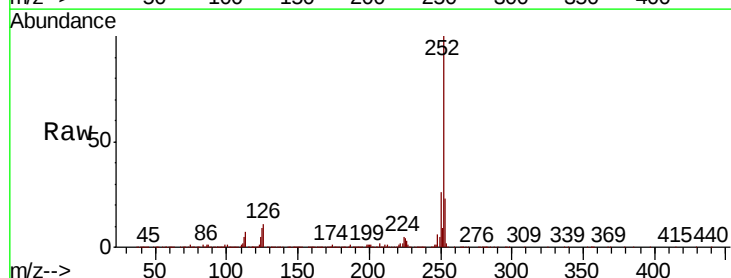
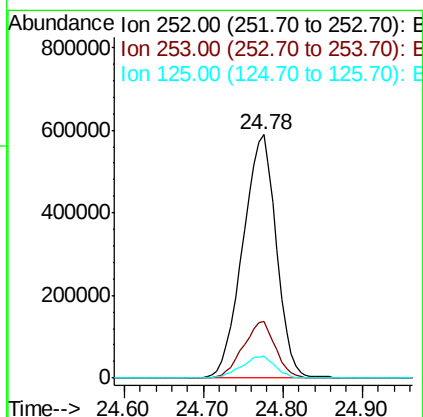
Manual Integrations
APPROVED

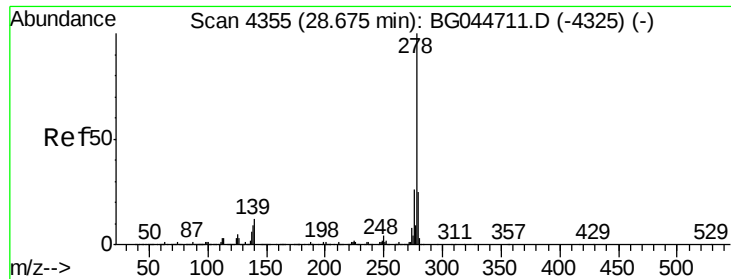
mohammad
3/18/2020 8:43:34 AM



#90
Benzo(a)pyrene
Concen: 45.095 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	8.9	7.0	10.6





#91

Dibenzo(a,h)anthracene

Concen: 46.780 ng

RT: 28.66 min Scan# 4352

Delta R.T. -0.02 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

Tot Ion:278 Resp: 1775213

Ion Ratio Lower Upper

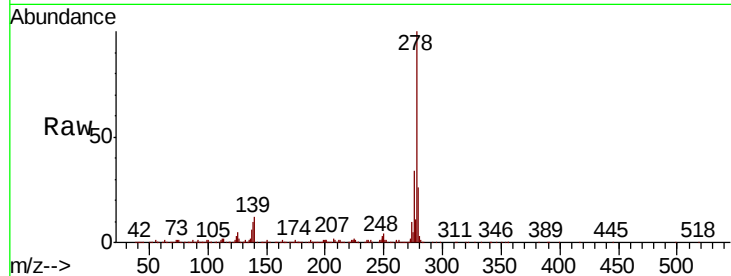
278 100

139 12.2 9.9 14.9

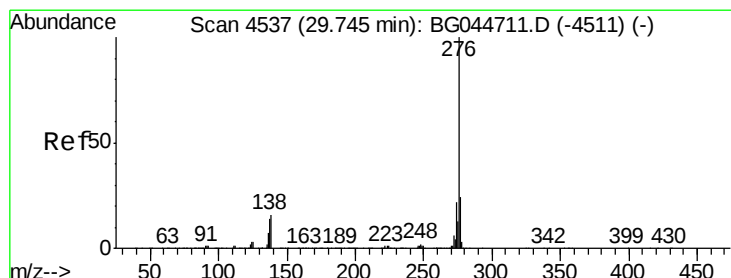
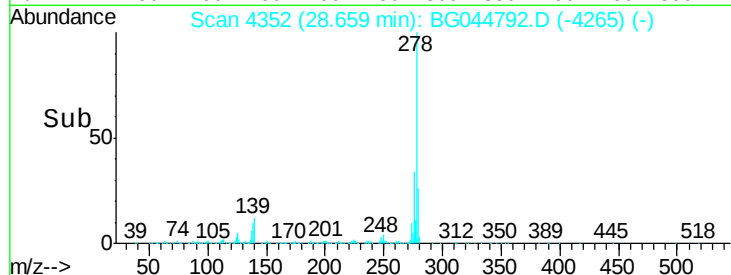
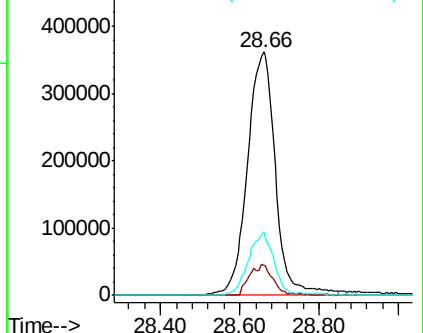
279 25.7 20.2 30.4

Manual Integrations
APPROVED

mohammad
3/18/2020 8:43:34 AM



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



#92

Benzo(g,h,i)perylene

Concen: 42.314 ng

RT: 29.72 min Scan# 4533

Delta R.T. -0.02 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

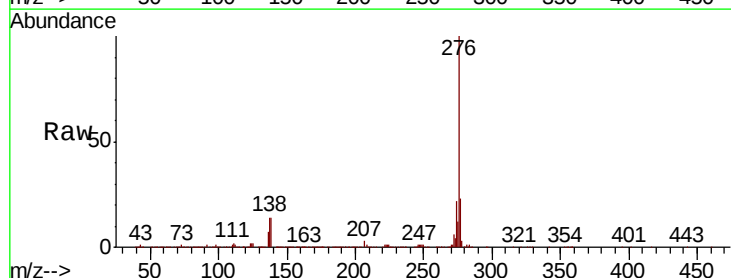
Tgt Ion:276 Resp: 1622342

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 14.4 13.0 19.4



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

