

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044833.D
 Acq On : 17 Mar 2020 14:34
 Operator : CG/JU
 Sample : PB127544BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127544BSD

Manual Integrations
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 3/18/2020 4:00:11 PM

Quant Time: Mar 18 01:38:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	91196	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	362682	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	260152	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	606996	20.00	ng	0.00
76) Chrysene-d12	21.70	240	519198	20.00	ng	0.00
87) Perylene-d12	24.90	264	573452	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	662819	113.14	ng	0.00
7) Phenol-d6	7.21	99	961698	112.99	ng	0.00
23) Nitrobenzene-d5	9.20	82	525088	63.53	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	415004	121.83	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1159287	63.81	ng	0.00
79) Terphenyl-d14	20.04	244	1867727	67.29	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.52	88	93827	33.259	ng	97
3) Pyridine	3.90	79	242676	29.058	ng	97
4) n-Nitrosodimethylamine	3.82	42	118019	37.245	ng	# 92
6) Aniline	7.37	93	318928	30.112	ng	98
8) 2-Chlorophenol	7.61	128	251586	43.020	ng	97
9) Benzaldehyde	7.18	77	109199	17.487	ng	90
10) Phenol	7.24	94	357976	42.481	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	251585	37.409	ng	98
12) 1,3-Dichlorobenzene	7.94	146	271125	37.635	ng	98
13) 1,4-Dichlorobenzene	8.08	146	274653	38.564	ng	96
14) 1,2-Dichlorobenzene	8.41	146	255145	37.773	ng	96
15) Benzyl Alcohol	8.28	79	270841	39.659	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	372854	31.416	ng	99
17) 2-Methylphenol	8.49	107	245015	42.924	ng	98
18) Hexachloroethane	9.14	117	107215	38.237	ng	88
19) n-Nitroso-di-n-propylamine	8.85	70	216197	35.972	ng	98
20) 3+4-Methylphenols	8.81	107	338587	43.030	ng	98
22) Acetophenone	8.86	105	386969	37.662	ng	# 99
24) Nitrobenzene	9.25	77	323082	37.673	ng	98
25) Isophorone	9.77	82	608691	37.734	ng	98
26) 2-Nitrophenol	9.96	139	143779	48.258	ng	96
27) 2,4-Dimethylphenol	10.02	122	259769	49.451	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	347083	36.054	ng	99
29) 2,4-Dichlorophenol	10.50	162	275813	44.952	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	276003	37.620	ng	94
31) Naphthalene	10.91	128	766149	38.134	ng	97
32) Benzoic acid	10.16	122	165989	42.060	ng	94
33) 4-Chloroaniline	11.00	127	208951	23.084	ng	98
34) Hexachlorobutadiene	11.20	225	177704	36.833	ng	96
35) Caprolactam	11.77	113	108119m	46.541	ng	
36) 4-Chloro-3-methylphenol	12.13	107	319413	43.649	ng	99
37) 2-Methylnaphthalene	12.51	142	585321	38.947	ng	97
38) 1-Methylnaphthalene	12.73	142	558999	39.564	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	311054	36.306	ng	99

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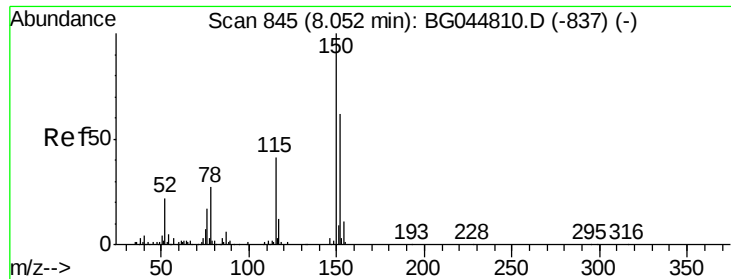
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	427488	91.300	nq	98
43) 2,4,6-Trichlorophenol	13.11	196	245720	43.216	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	253899	43.058	nq	97
46) 1,1'-Biphenyl	13.52	154	741347	35.660	nq	99
47) 2-Chloronaphthalene	13.56	162	573129	36.088	nq	98
48) 2-Nitroaniline	13.75	65	218532	39.305	nq	97
49) Acenaphthylene	14.40	152	962403	38.681	nq	98
50) Dimethylphthalate	14.13	163	792980	38.271	nq	99
51) 2,6-Dinitrotoluene	14.25	165	180885	43.310	nq	98
52) Acenaphthene	14.75	154	712103	43.702	nq	98
53) 3-Nitroaniline	14.57	138	134438	27.998	nq	96
54) 2,4-Dinitrophenol	14.78	184	216618	97.252	nq	97
55) Dibenzofuran	15.08	168	914074	38.684	nq	98
56) 4-Nitrophenol	14.88	139	339210	92.564	nq	97
57) 2,4-Dinitrotoluene	15.03	165	256630	44.803	nq	98
58) Fluorene	15.73	166	768561	39.540	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	239860m	44.183	nq	
60) Diethylphthalate	15.50	149	825660	38.206	nq	99
61) 4-Chlorophenyl-phenylether	15.72	204	410282	39.201	nq	98
62) 4-Nitroaniline	15.74	138	187752	36.669	nq	94
63) Azobenzene	16.01	77	827802	36.887	nq	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	157576	54.012	nq	97
66) n-Nitrosodiphenylamine	15.93	169	697845	38.186	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	284018	37.428	nq	99
68) Hexachlorobenzene	16.74	284	305691	37.132	nq	98
69) Atrazine	16.88	200	302955	45.248	nq	98
70) Pentachlorophenol	17.08	266	406549	89.753	nq	100
71) Phenanthrene	17.47	178	1240837	38.254	nq	99
72) Anthracene	17.56	178	1253766	39.199	nq	99
73) Carbazole	17.82	167	1201749	39.115	nq	99
74) Di-n-butylphthalate	18.39	149	1441949	38.609	nq	99
75) Fluoranthene	19.47	202	1513962	39.200	nq	98
77) Benzidine	19.65	184	582981	34.588	nq	99
78) Pyrene	19.83	202	1537362	40.359	nq	99
80) Butylbenzylphthalate	20.73	149	634036	37.414	nq	99
81) Benzo(a)anthracene	21.68	228	1424018	38.090	nq	99
82) 3,3'-Dichlorobenzidine	21.59	252	419855	29.029	nq	100
83) Chrysene	21.74	228	1346696	37.710	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	859188	36.736	nq	96
85) Di-n-octyl phthalate	22.82	149	1477173	37.743	nq	100
86) Indeno(1,2,3-cd)pyrene	28.55	276	1730939	36.971	nq	# 98
88) Benzo(b)fluoranthene	23.89	252	1503222	39.707	nq	98
89) Benzo(k)fluoranthene	23.96	252	1394795	38.932	nq	99
90) Benzo(a)pyrene	24.76	252	1347866	38.050	nq	97
91) Dibenzo(a,h)anthracene	28.63	278	1425231	40.782	nq	98
92) Benzo(g,h,i)perylene	29.70	276	1435704	40.662	nq	98

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



#1

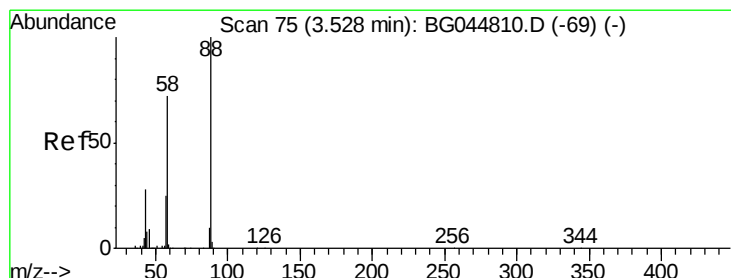
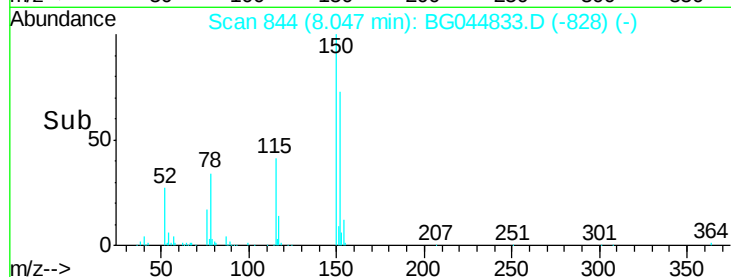
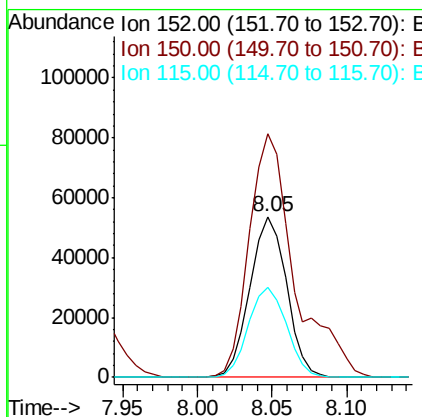
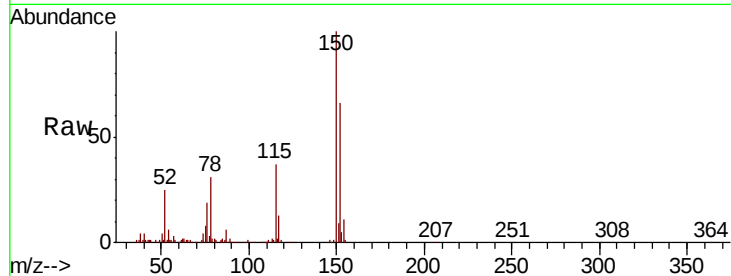
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	128.8	193.2
115	56.2	52.6	79.0

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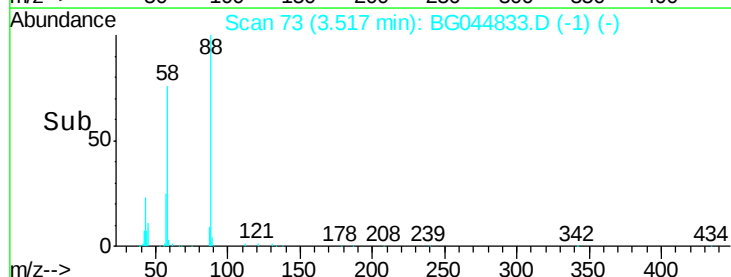
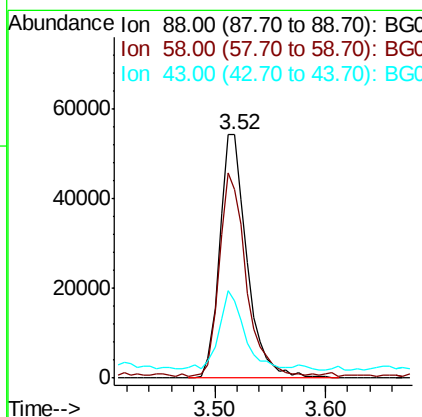
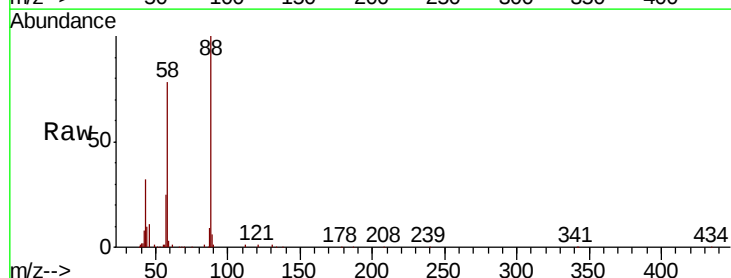
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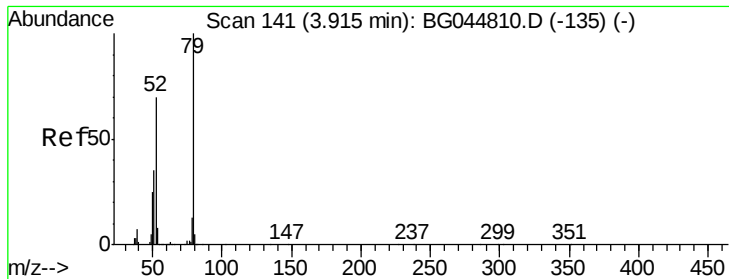


#2

1,4-Dioxane
Concen: 33.259 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.8	63.0	94.4
43	29.3	24.8	37.2





#3

Pvridine

Concen: 29.058 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Instrument :

BNA_G

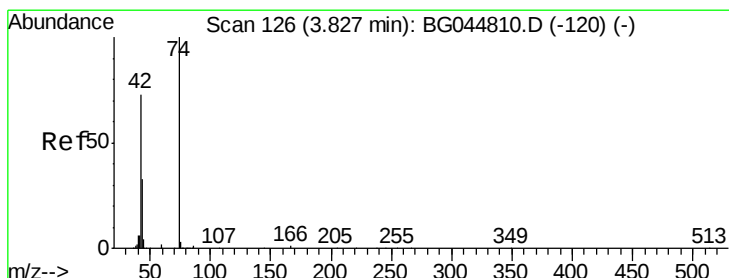
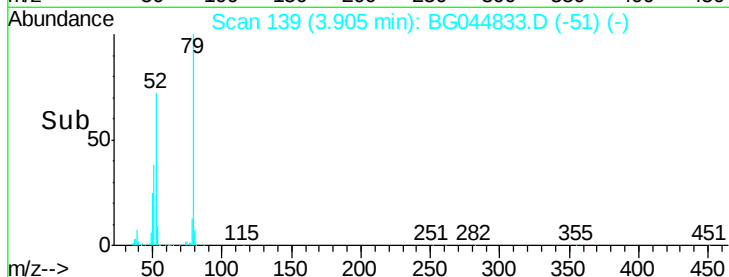
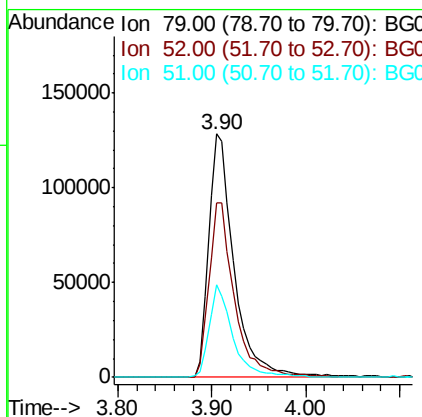
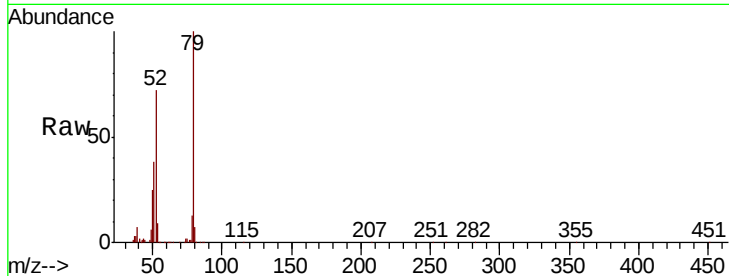
ClientSampleId :

PB127544BSD

Tot Ion:	79	Resp:	242676
Ion	Ratio	Lower	Upper
79	100		
52	71.5	56.3	84.5
51	38.3	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 37.245 ng

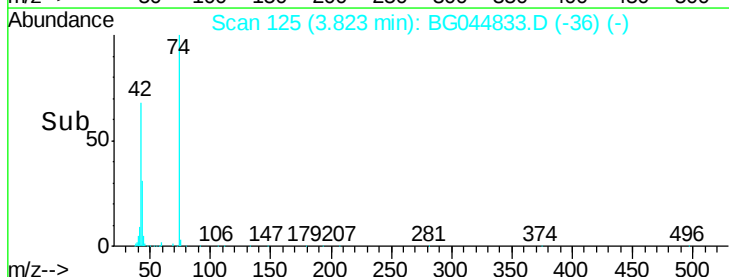
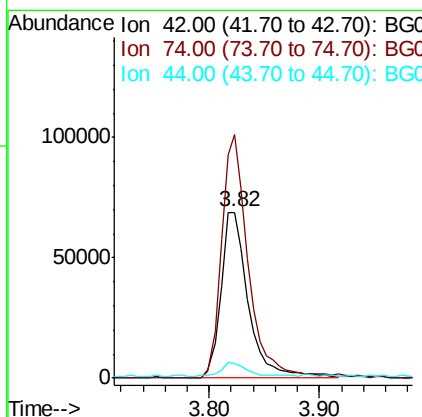
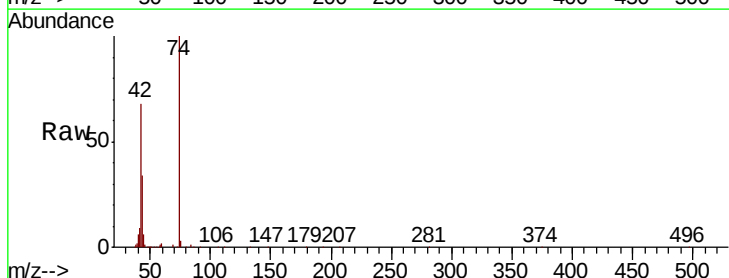
RT: 3.82 min Scan# 125

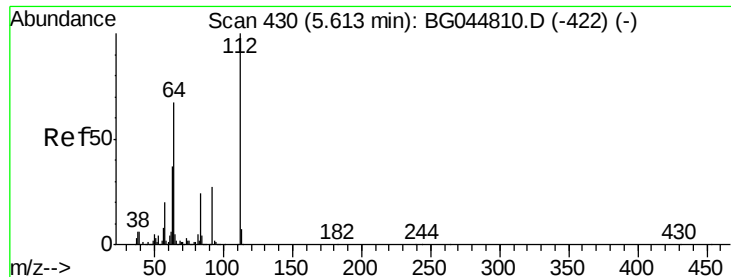
Delta R.T. -0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Tgt Ion:	42	Resp:	118019
Ion	Ratio	Lower	Upper
42	100		
74	146.7	109.1	163.7
44	8.4	5.4	8.2





#5

2-Fluorophenol

Concen: 113.142 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Instrument :

BNA_G

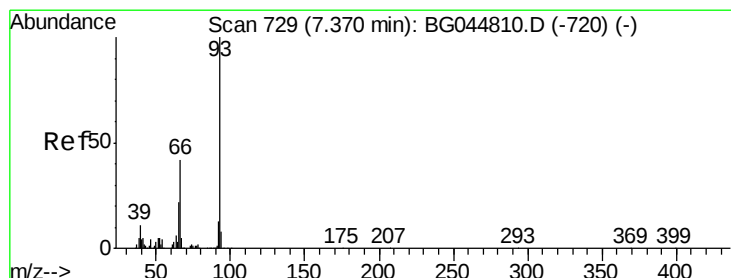
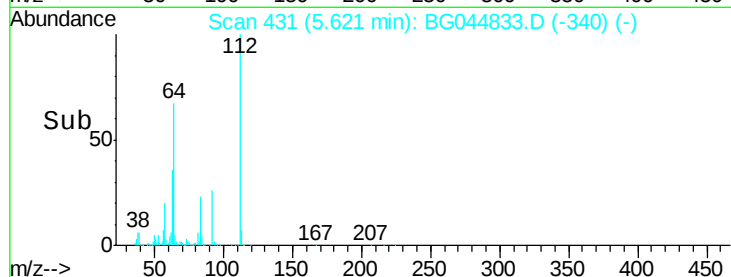
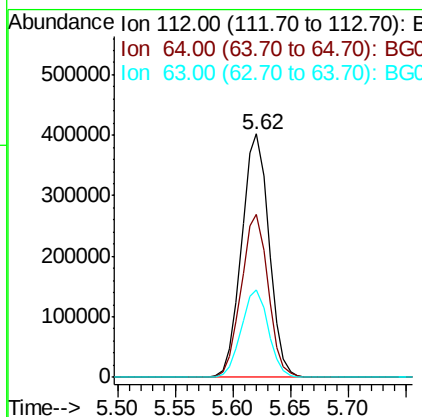
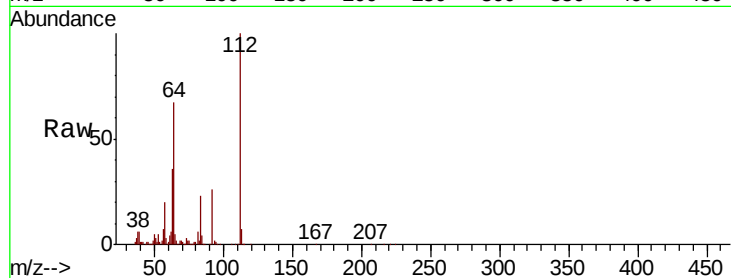
ClientSampleId :

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Tot Ion:	112	Resp:	662819
Ion Ratio	Lower	Upper	
112	100		
64	66.7	53.4	80.2
63	35.8	29.4	44.2

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#6

Aniline

Concen: 30.112 ng

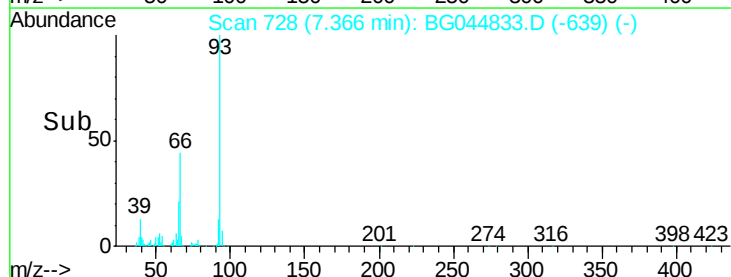
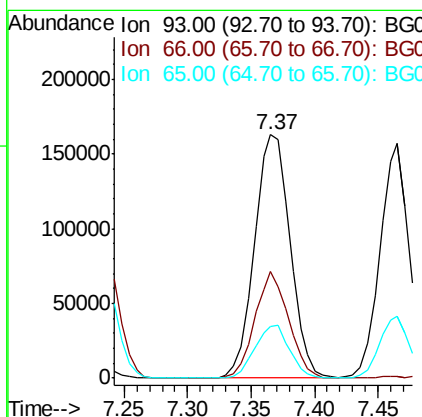
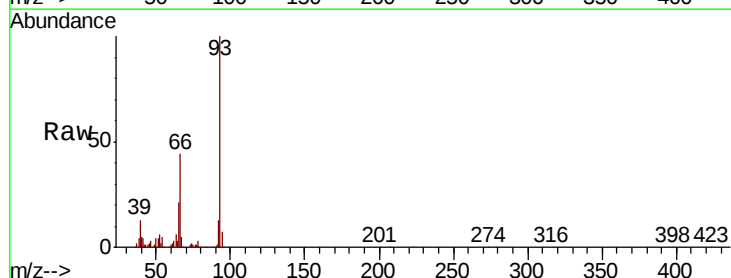
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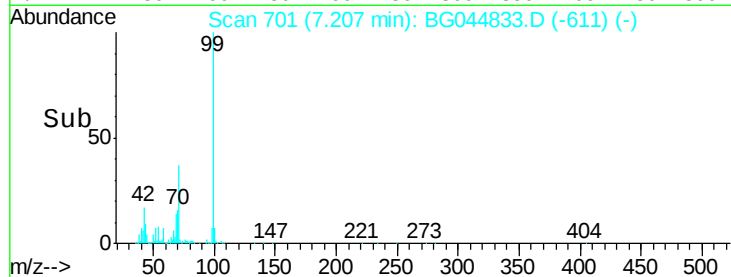
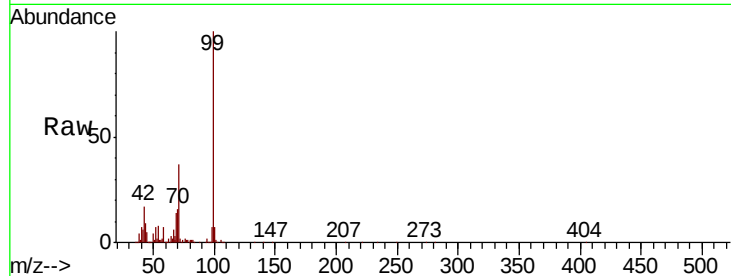
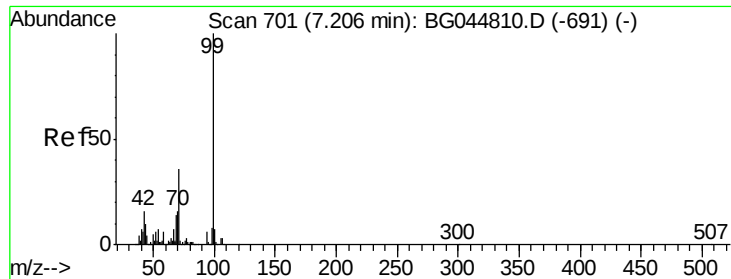
Delta R.T. -0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Tgt Ion:	93	Resp:	318928
Ion Ratio	Lower	Upper	
93	100		
66	43.7	33.7	50.5
65	21.3	17.7	26.5





#7

Phenol-d6

Concen: 112.985 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Tot Ion:	99	Resp:	961698
Ion Ratio	Lower	Upper	
99	100		
42	17.1	12.6	19.0
71	36.8	29.0	43.4

Instrument :

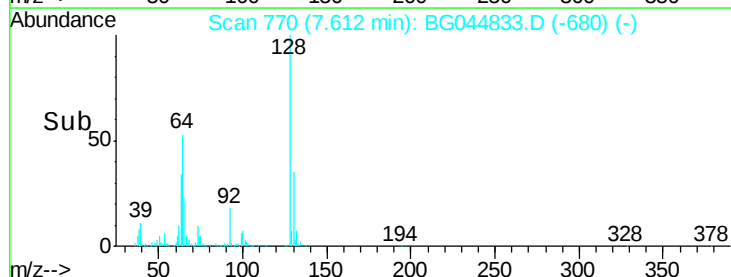
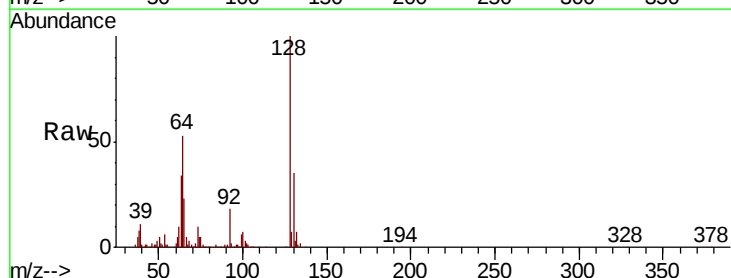
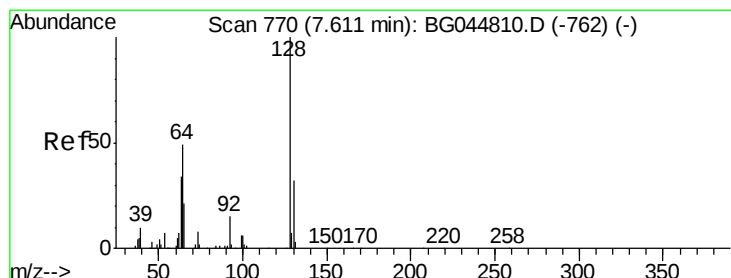
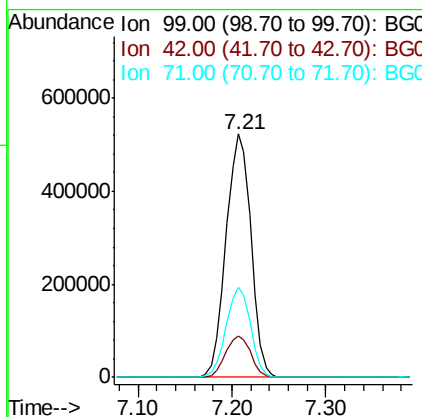
BNA_G

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#8

2-Chlorophenol

Concen: 43.020 ng

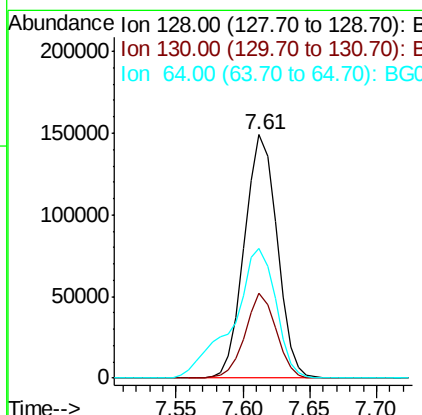
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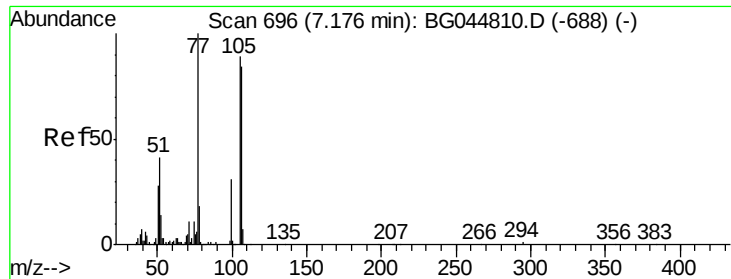
Delta R.T. 0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Tgt Ion:	128	Resp:	251586
Ion Ratio	Lower	Upper	
128	100		
130	34.7	11.6	51.6
64	53.4	34.5	74.5





#9

Benzaldehyde

Concen: 17.487 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Instrument :

BNA_G

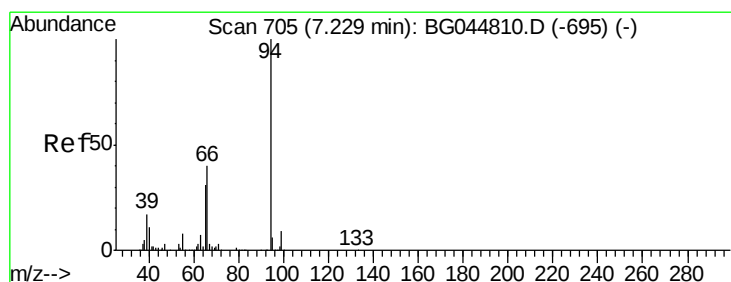
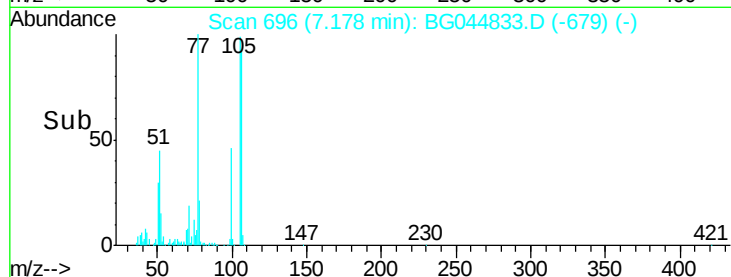
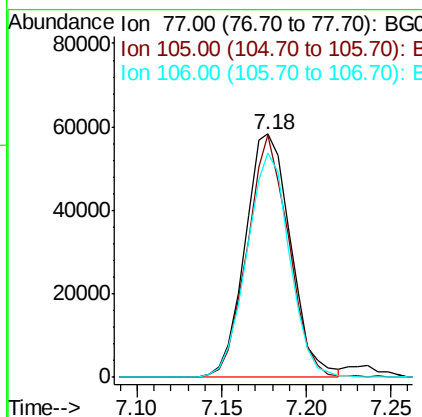
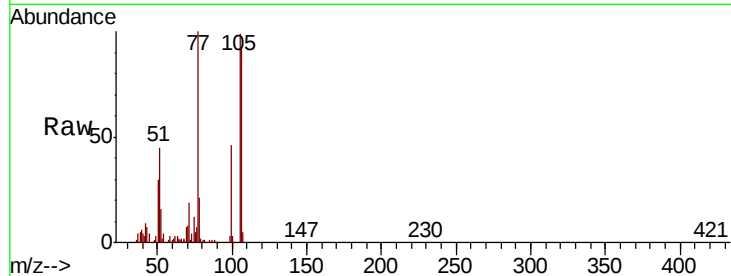
ClientSampleId :

PB127544BSD

Tot Ion:	77	Resp:	109199
Ion	Ratio	Lower	Upper
77	100		
105	99.5	69.3	109.3
106	92.3	64.5	104.5

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#10

Phenol

Concen: 42.481 ng

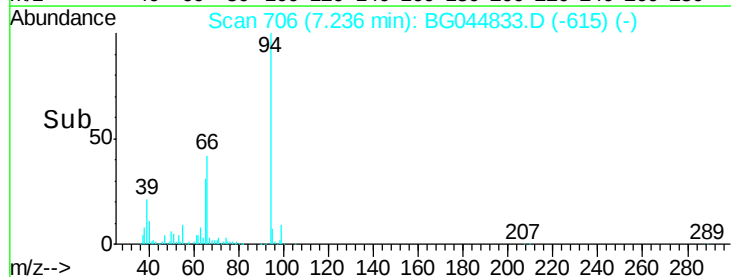
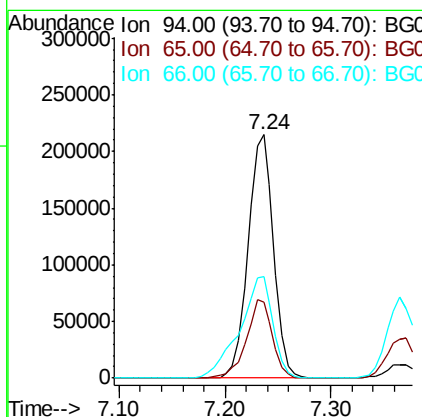
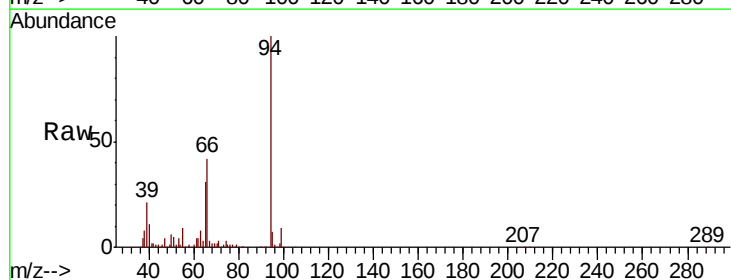
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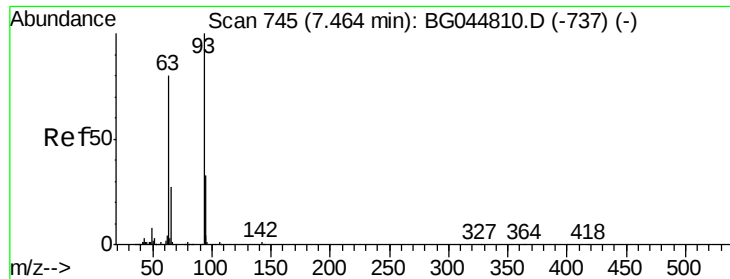
Delta R.T. 0.01 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Tgt Ion:	94	Resp:	357976
Ion	Ratio	Lower	Upper
94	100		
65	31.2	11.0	51.0
66	41.5	20.1	60.1





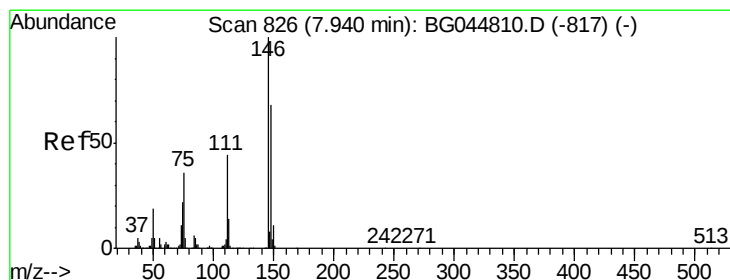
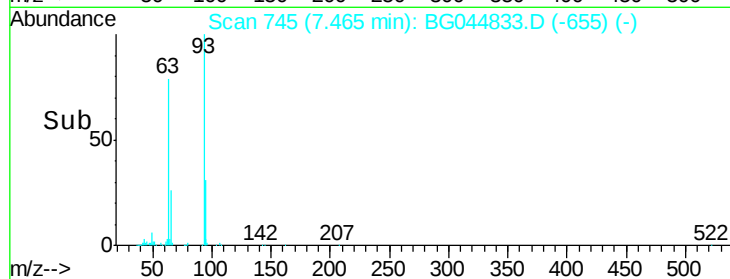
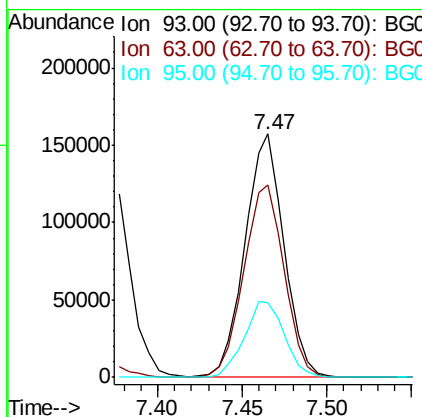
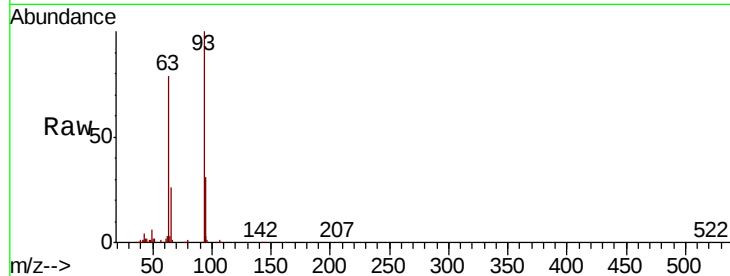
#11
bis(2-Chloroethyl)ether
Concen: 37.409 ng
RT: 7.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.9	59.7	99.7
95	30.6	13.1	53.1

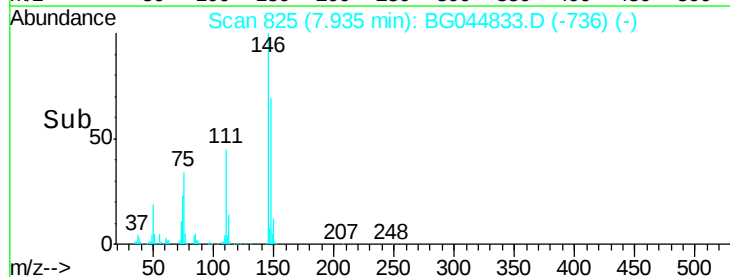
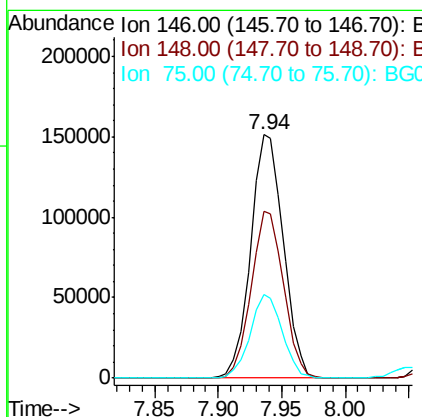
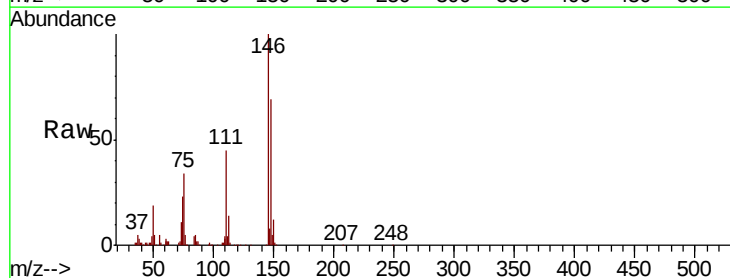
Manual Integrations
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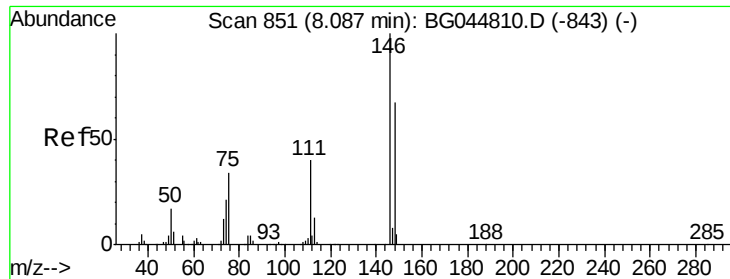
mohammad
3/18/2020 4:00:11 PM



#12
1,3-Dichlorobenzene
Concen: 37.635 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.7	54.2	81.4
75	34.2	28.6	42.8





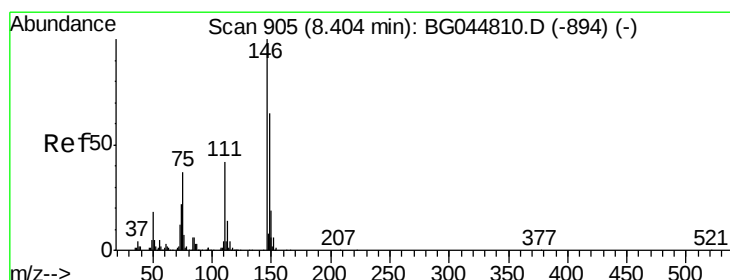
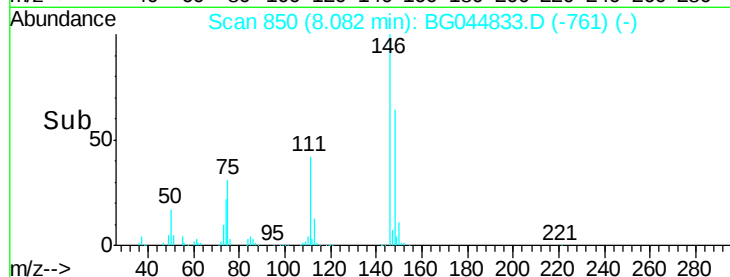
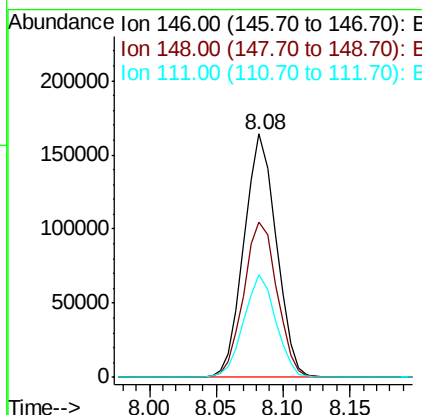
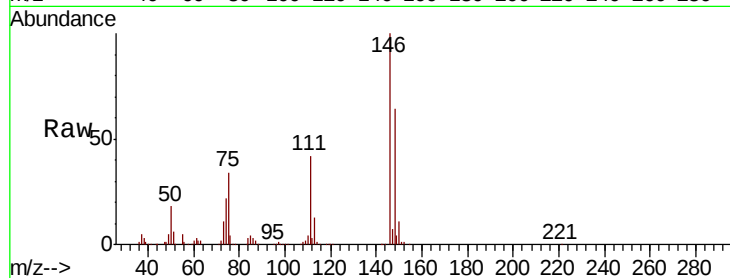
#13
1,4-Dichlorobenzene
Concen: 38.564 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	53.8	80.6
111	42.3	32.0	48.0

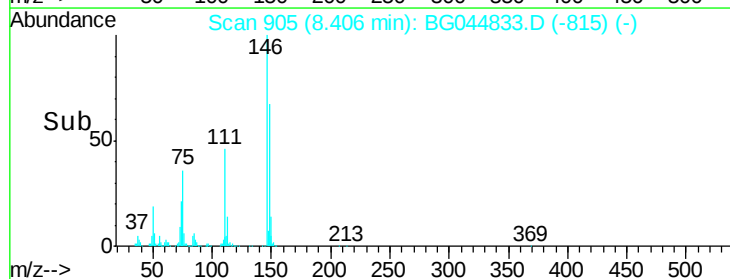
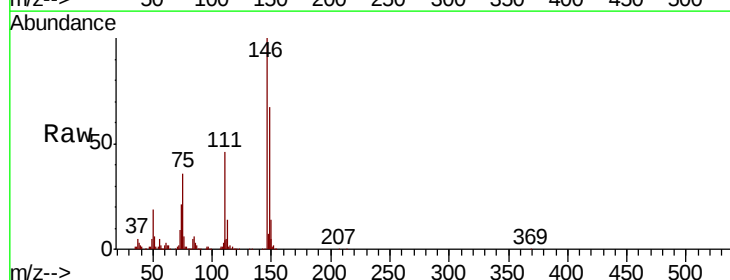
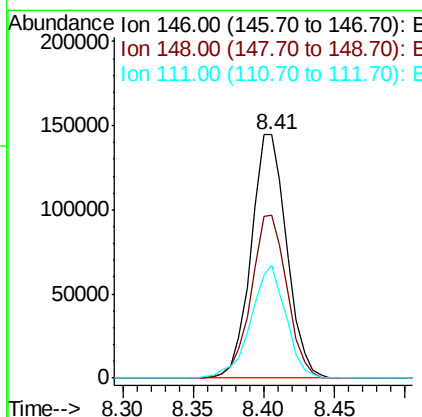
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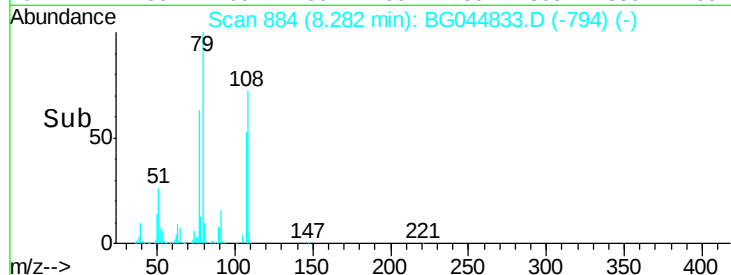
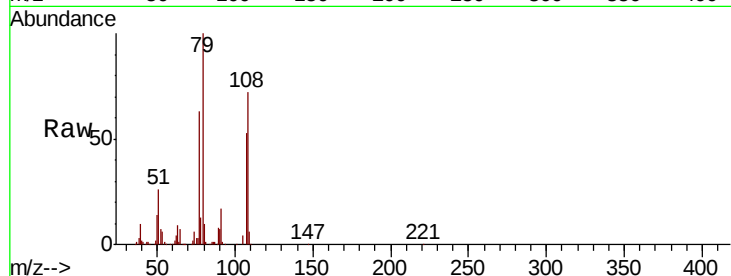
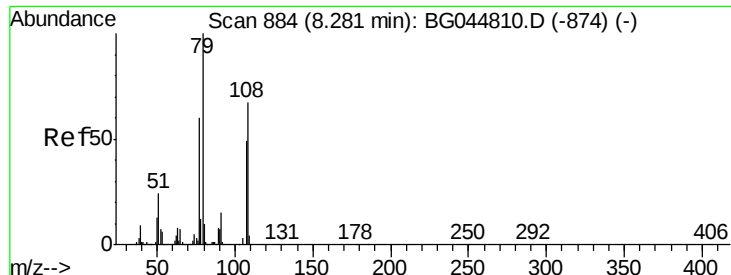
mohammad
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#14
1,2-Dichlorobenzene
Concen: 37.773 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	52.1	78.1
111	46.5	33.4	50.2





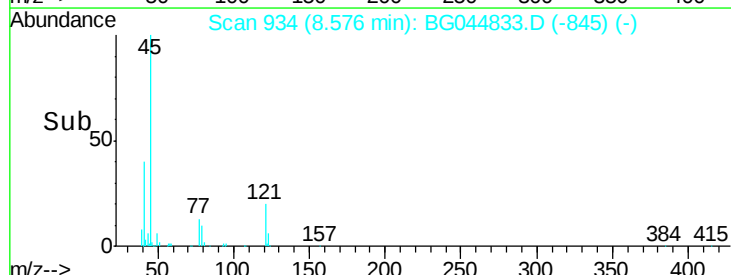
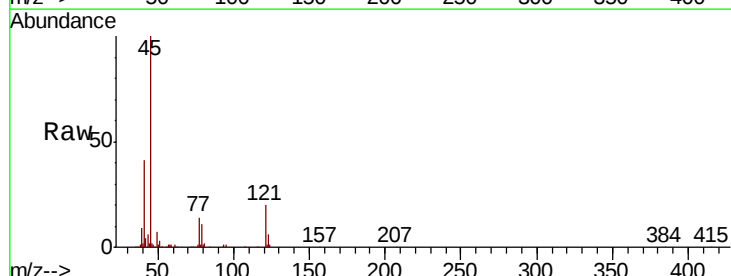
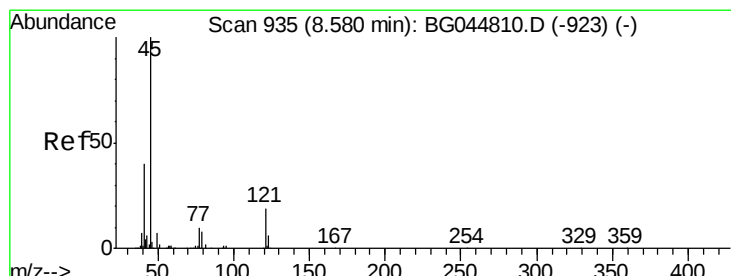
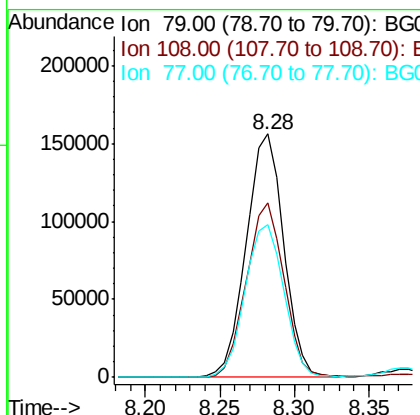
#15
Benzyl Alcohol
Concen: 39.659 ng
RT: 8.28 min Scan# 884
Delta R.T. 0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.9	53.8	80.8
77	62.6	47.8	71.8

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

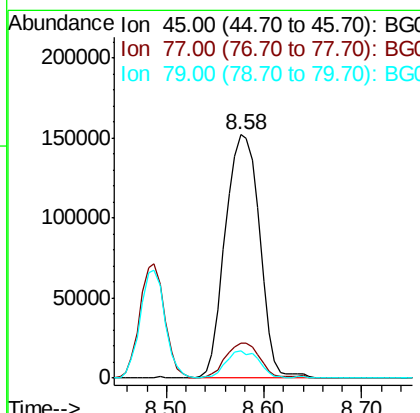
Manual Integrations
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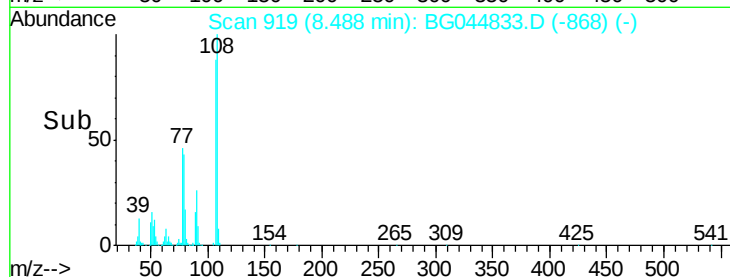
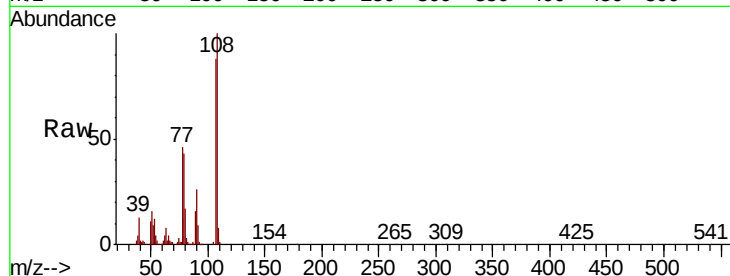
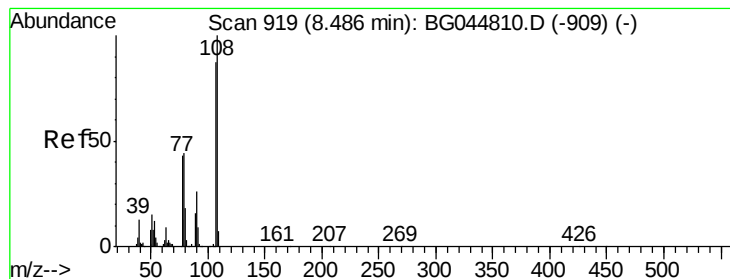
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.416 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	33.9
79	11.5	0.0	30.8





#17

2-Methylphenol

Concen: 42.924 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	91.8	137.8	
77	52.1	40.0	60.0	
79	49.1	40.2	60.2	

Instrument :

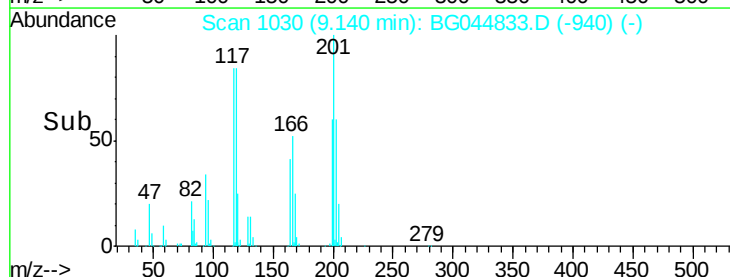
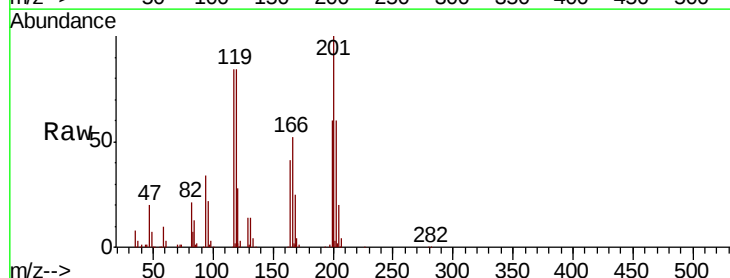
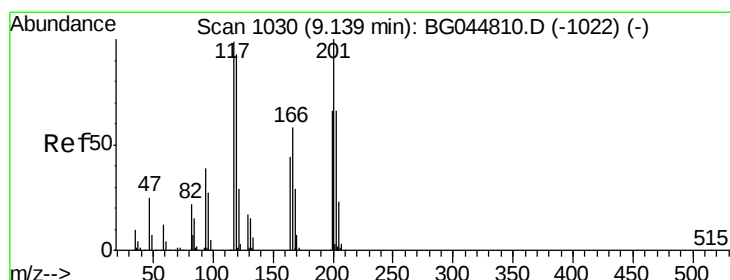
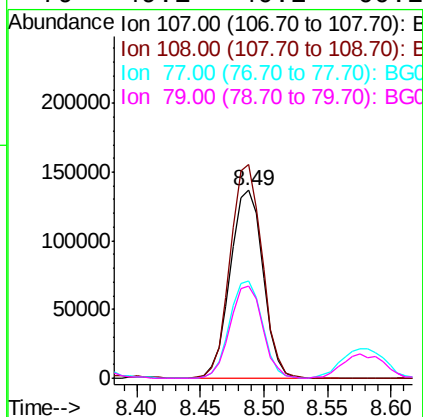
BNA_G

ClientSampleId :

PB127544BSD

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#18

Hexachloroethane

Concen: 38.237 ng

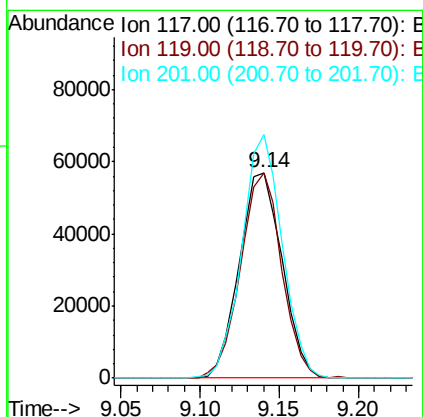
RT: 9.14 min Scan# 1030

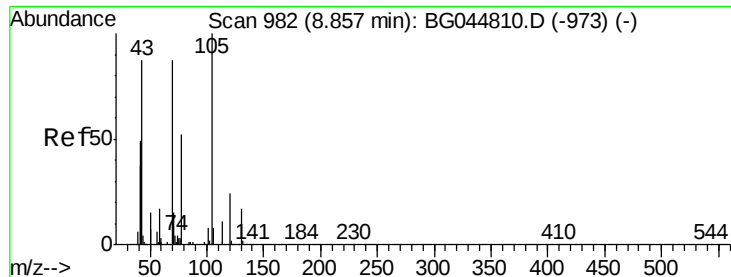
Delta R.T. 0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.9	75.2	112.8	
201	118.5	81.1	121.7	





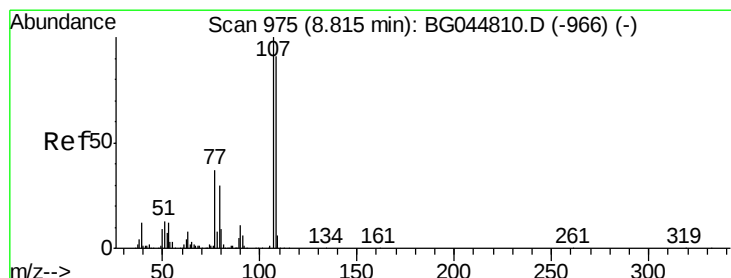
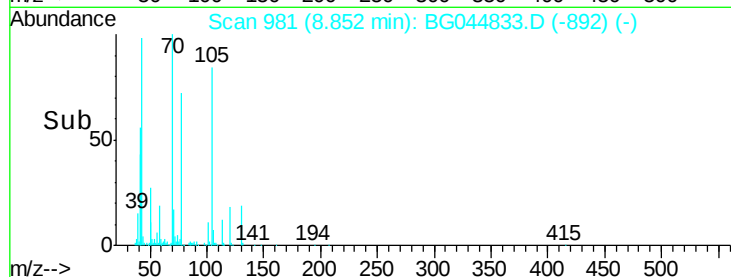
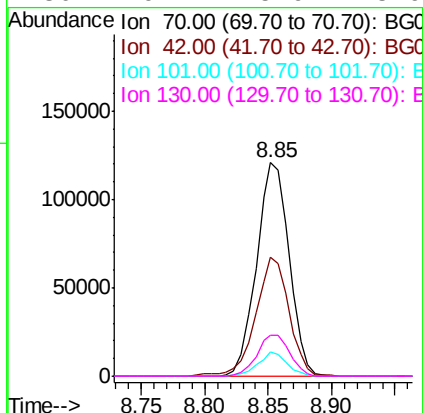
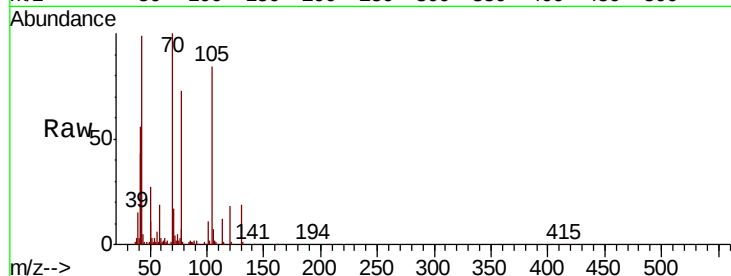
#19
n-Nitroso-di-n-propylamine
Concen: 35.972 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

Tot Ion:	70	Resp:	216197
Ion	Ratio	Lower	Upper
70	100		
42	55.8	45.7	68.5
101	11.1	7.4	11.2
130	19.4	15.9	23.9

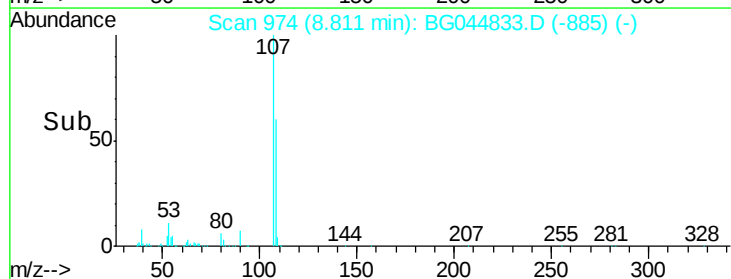
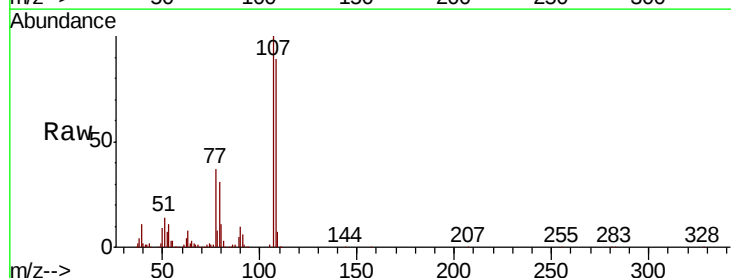
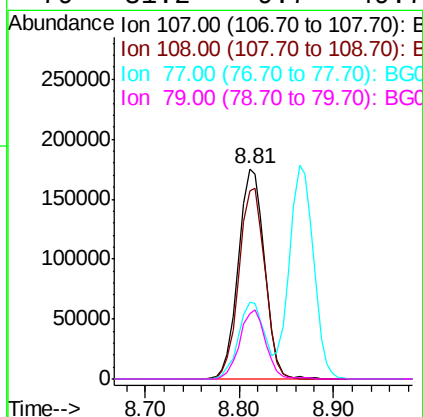
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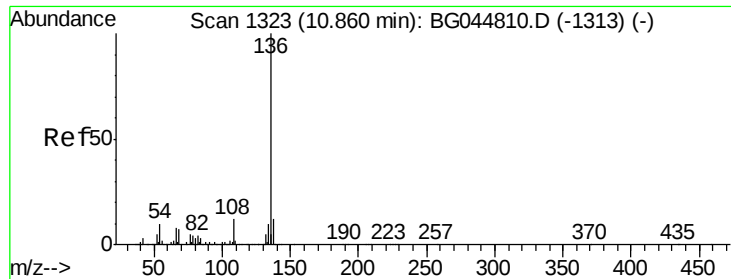
mohammad
3/18/2020 4:00:11 PM



#20
3+4-Methylphenols
Concen: 43.030 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion:	107	Resp:	338587
Ion	Ratio	Lower	Upper
107	100		
108	89.4	71.3	111.3
77	36.6	16.9	56.9
79	31.2	9.7	49.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Instrument :

BNA_G

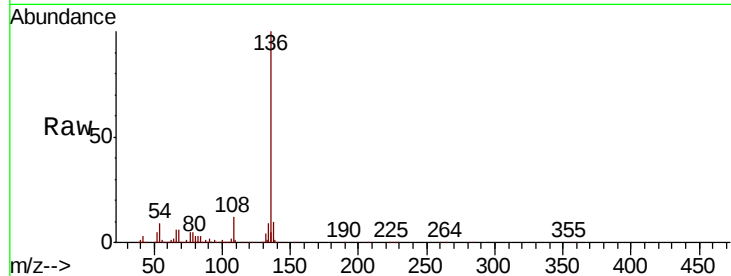
ClientSampleId :

PB127544BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	362682		
137	9.8		9.8	14.6
54	9.1		7.9	11.9
68	5.9		5.4	8.0

Manual Integrations
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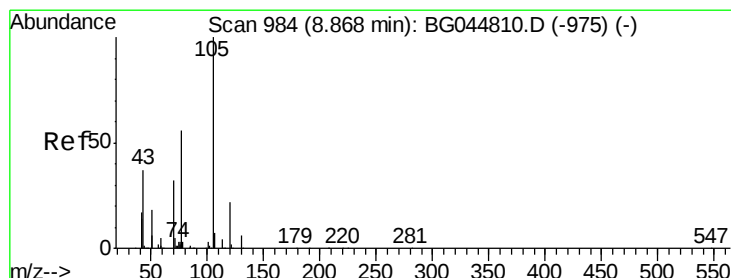
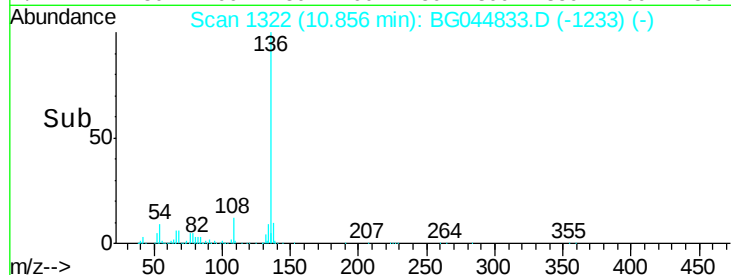
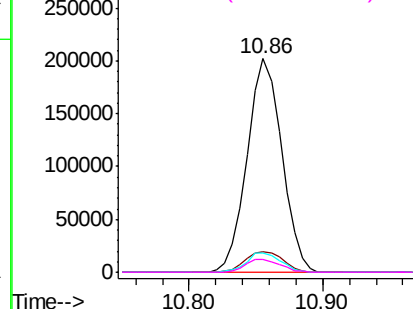
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.662 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	386969		
71	7.2		3.9	5.9#
51	28.1		22.6	33.8
120	22.0		17.3	25.9

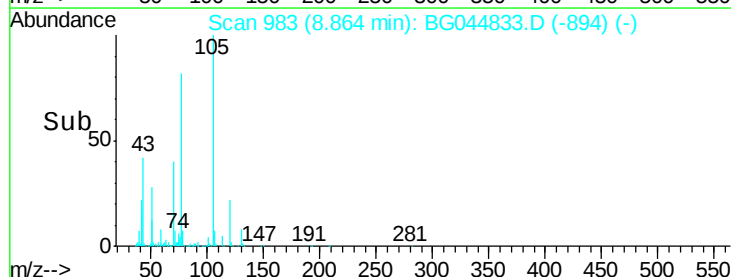
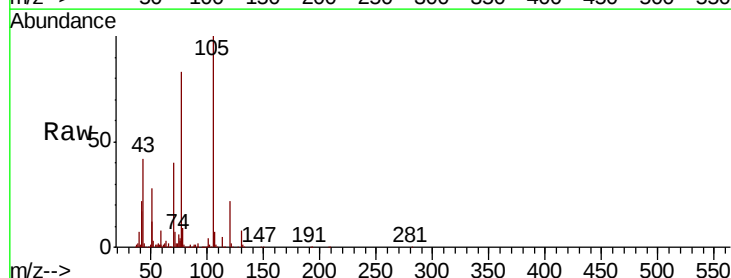
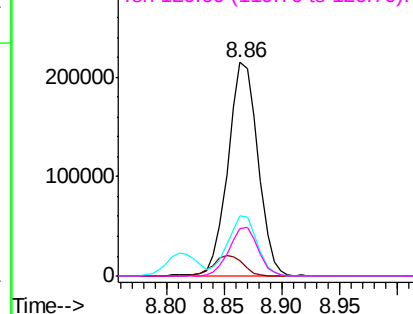
Abundance

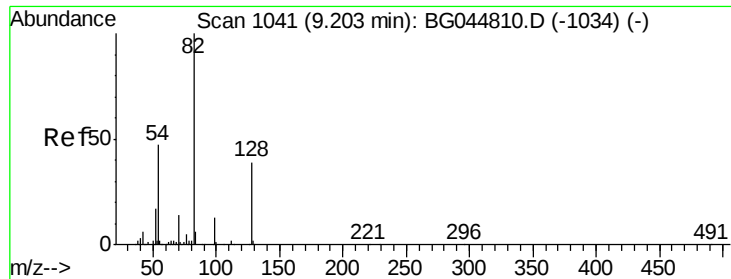
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





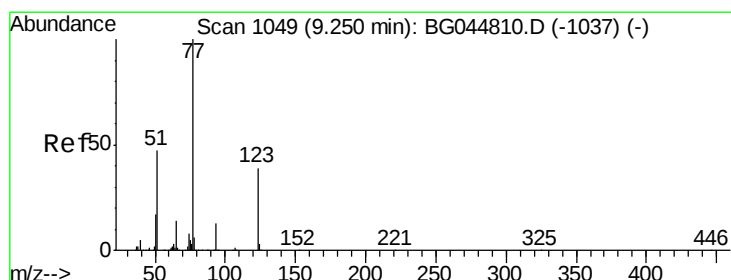
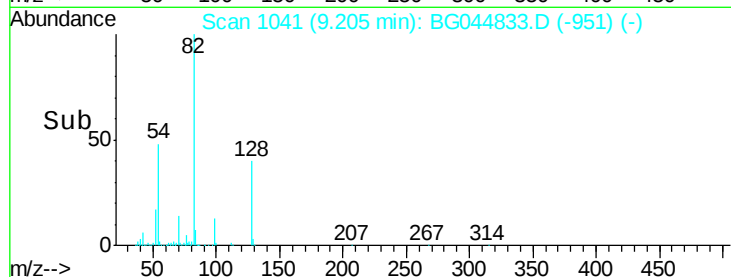
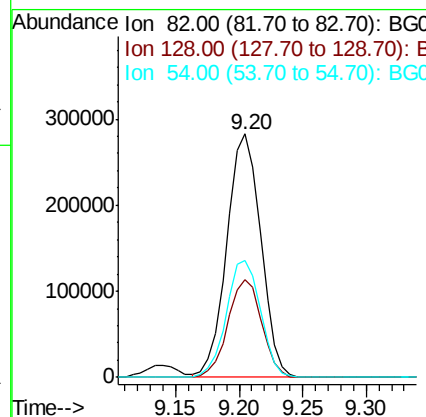
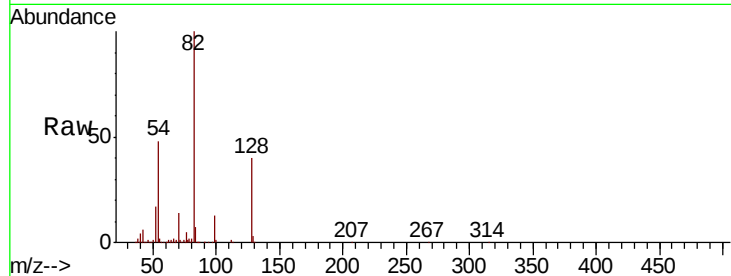
#23
Nitrobenzene-d5
Concen: 63.531 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.0	30.6	46.0	
54	48.0	37.1	55.7	

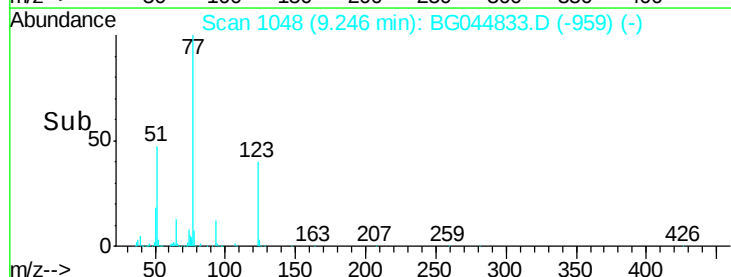
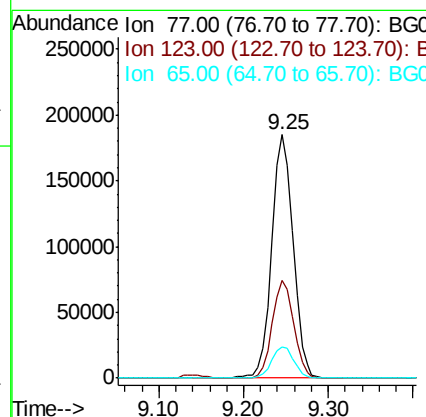
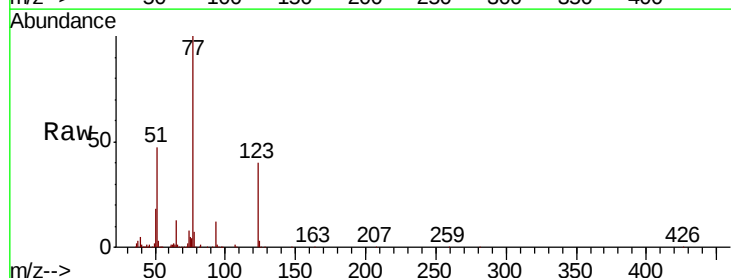
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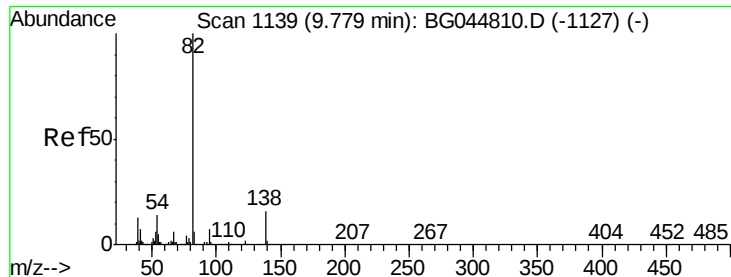
mohammad
3/18/2020 4:00:11 PM



#24
Nitrobenzene
Concen: 37.673 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.3	31.3	46.9	
65	12.9	11.4	17.0	





#25

Isophorone

Concen: 37.734 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Instrument :

BNA_G

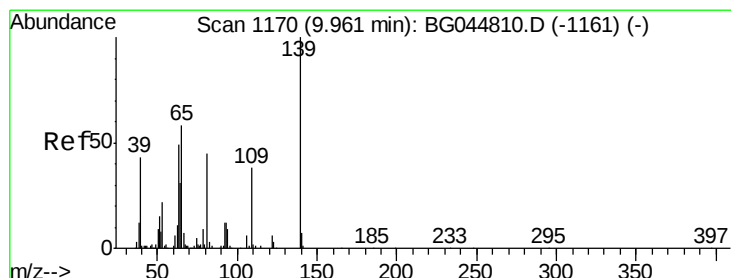
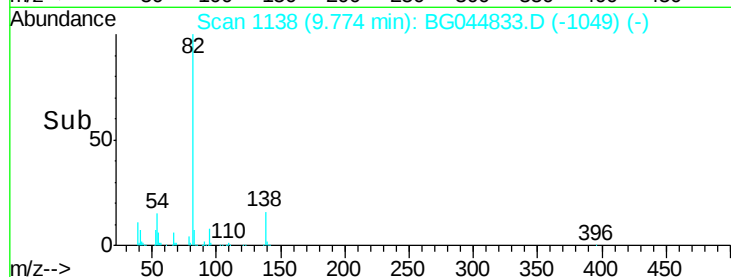
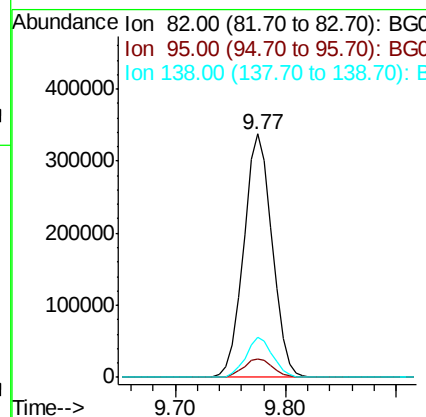
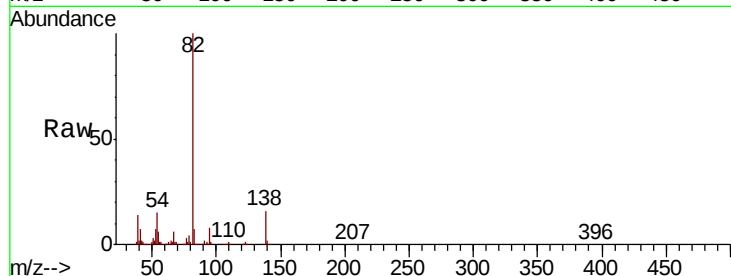
ClientSampleId :

PB127544BSD

Tot Ion:	82	Resp:	608691
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.5	8.3
138	16.3	12.5	18.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.258 ng

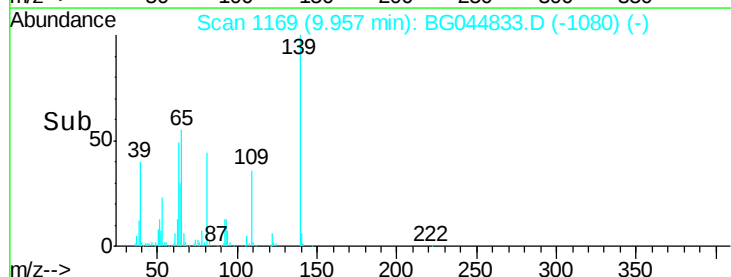
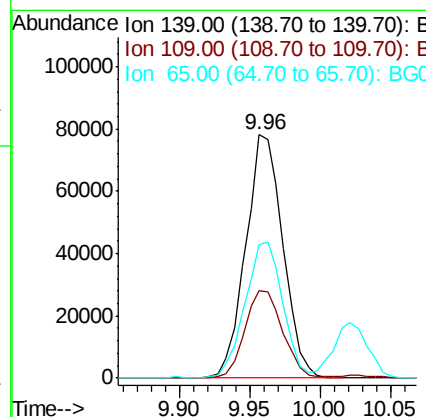
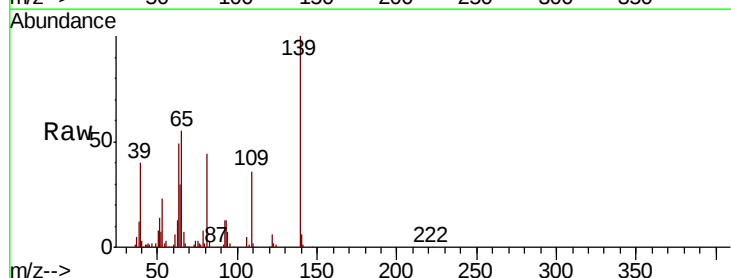
RT: 9.96 min Scan# 1169

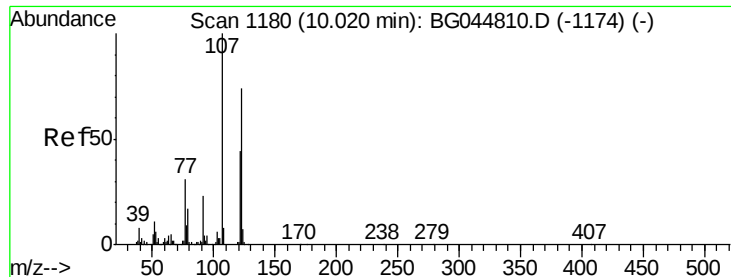
Delta R.T. -0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Tgt Ion:	139	Resp:	143779
Ion Ratio	Lower	Upper	
139	100		
109	35.8	30.2	45.4
65	54.8	46.3	69.5





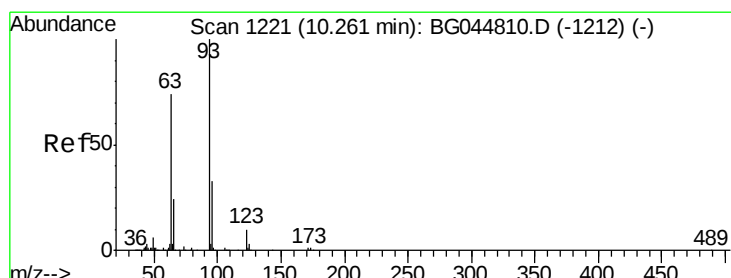
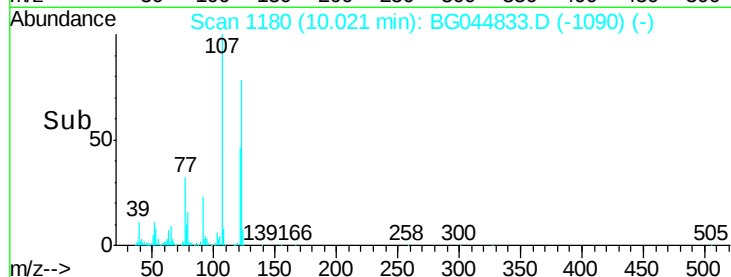
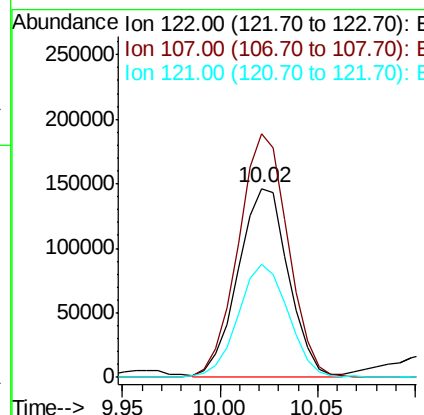
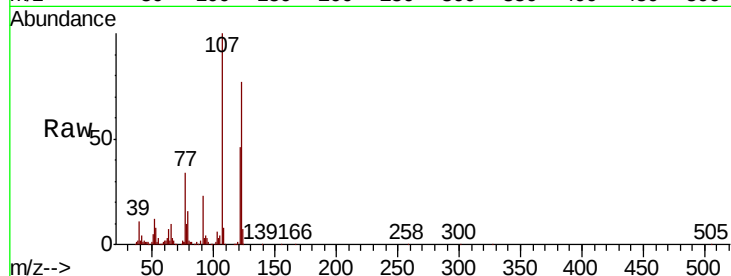
#27
2,4-Dimethylphenol
Concen: 49.451 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.1	107.1	160.7
121	59.9	46.8	70.2

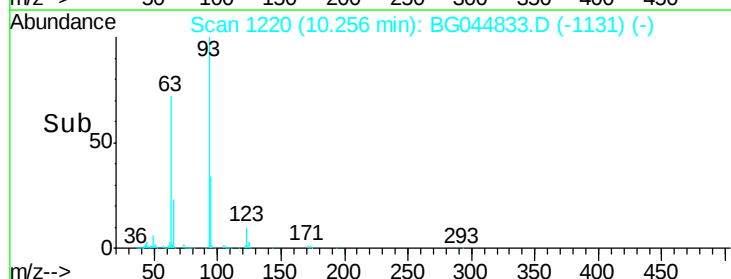
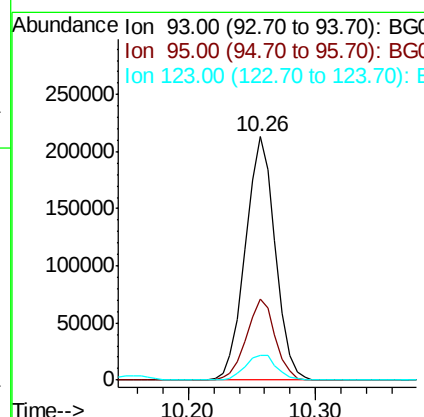
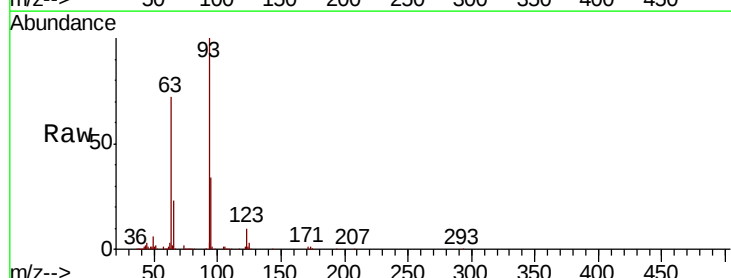
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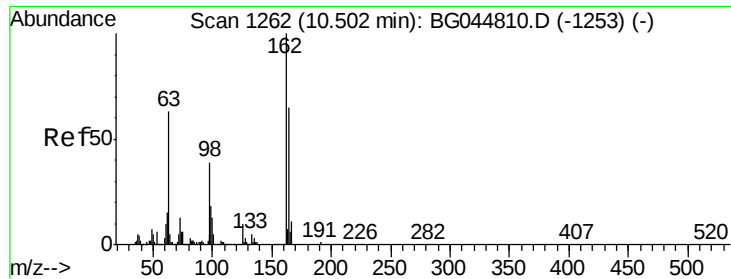
mohammad
3/18/2020 4:00:11 PM



#28
bis(2-Chloroethoxy)methane
Concen: 36.054 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.4	39.6
123	10.0	8.4	12.6





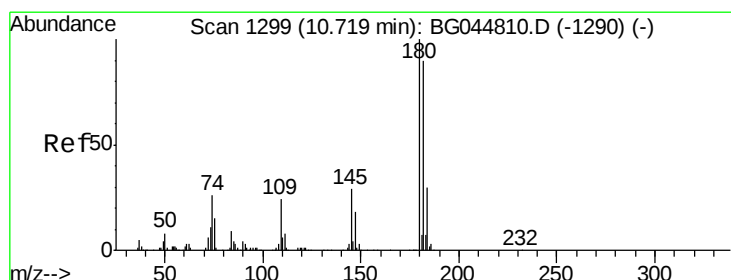
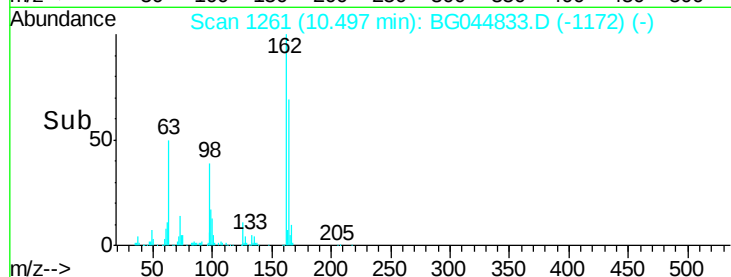
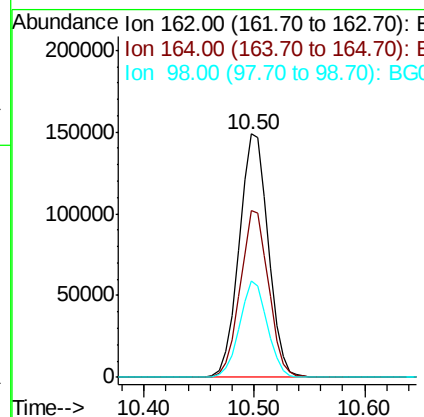
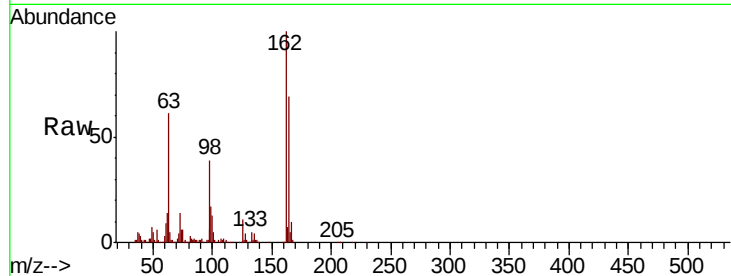
#29
 2,4-Dichlorophenol
 Concen: 44.952 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG044833.D
 Acq: 17 Mar 2020 14:34

Instrument :
 BNA_G
 ClientSampleId :
 PB127544BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	68.7	45.2	85.2
98	39.5	19.0	59.0

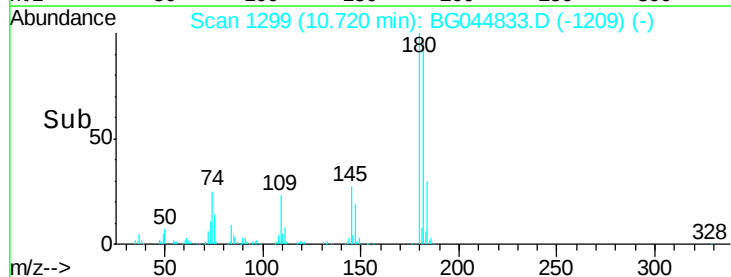
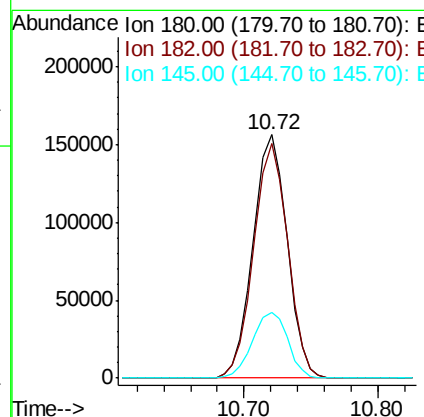
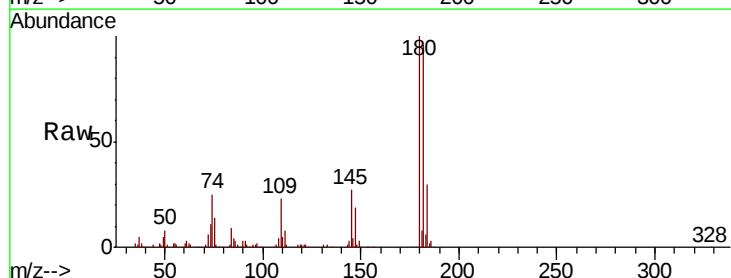
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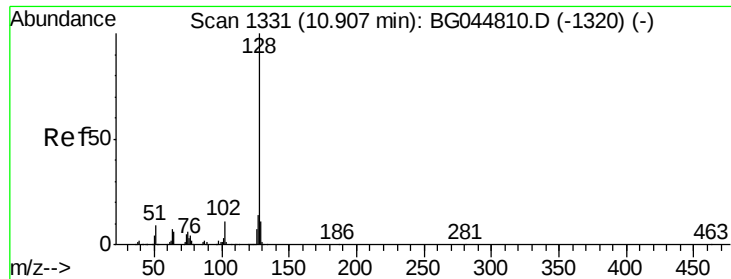
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.620 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BG044833.D
 Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.2	71.6	107.4
145	26.8	23.4	35.0





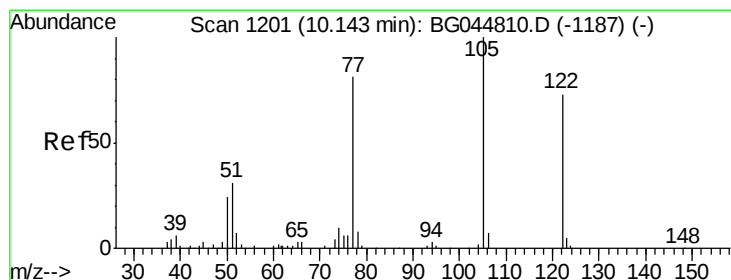
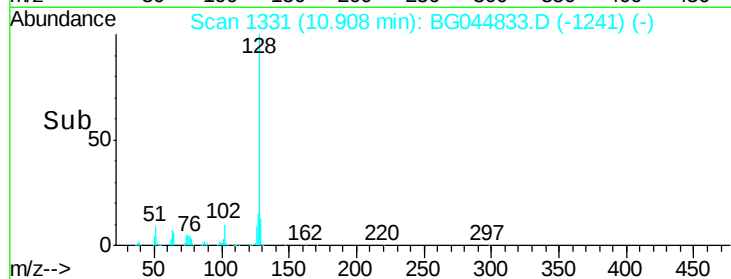
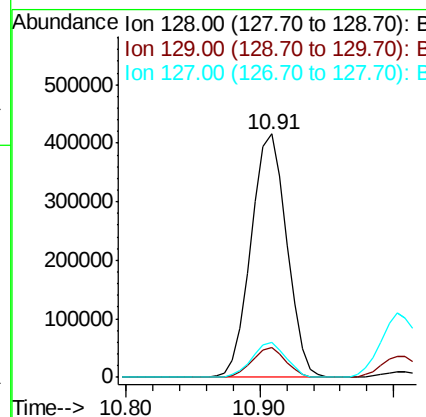
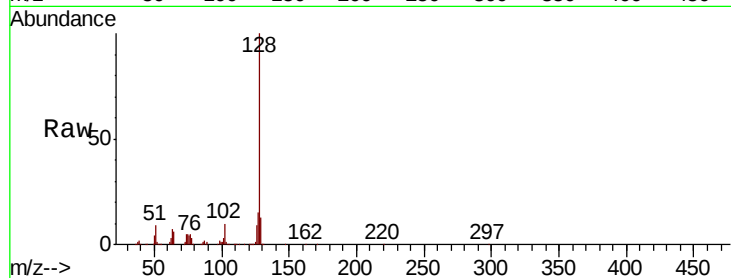
#31
Naphthalene
Concen: 38.134 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.0	13.4
127	14.6	10.8	16.2

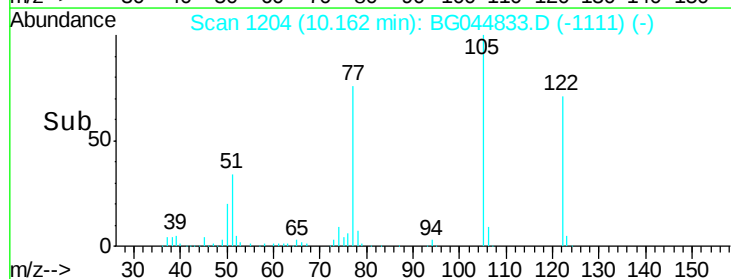
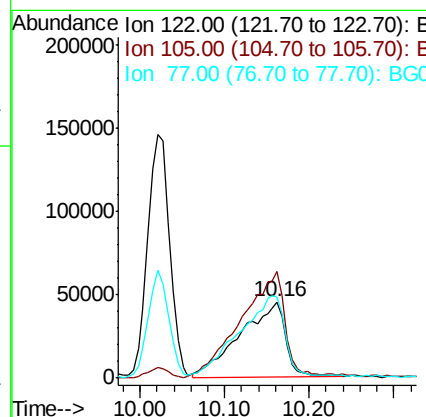
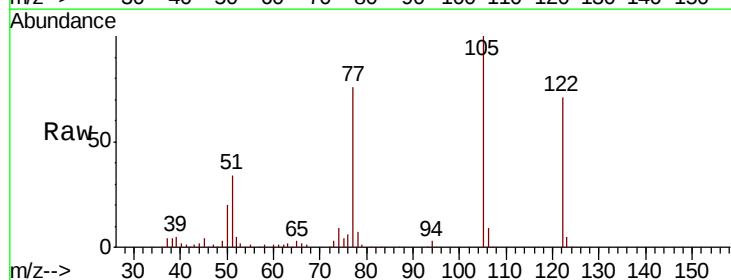
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#32
Benzoic acid
Concen: 42.060 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.5	109.1	149.1
77	107.1	85.3	125.3





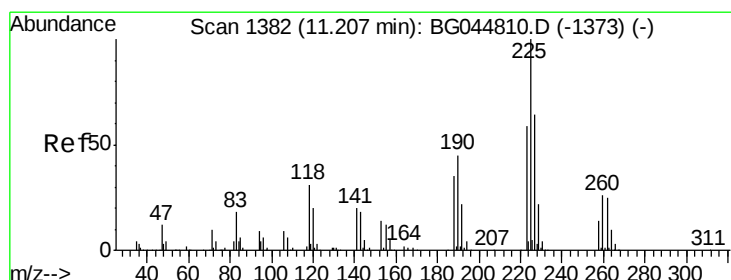
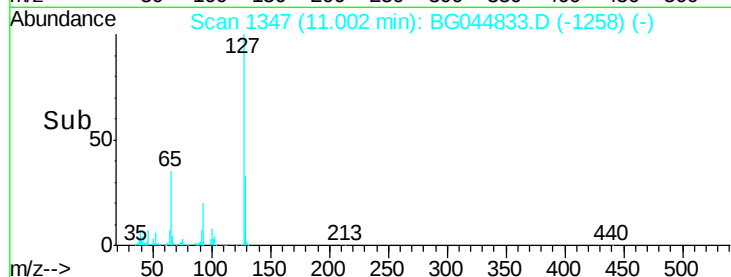
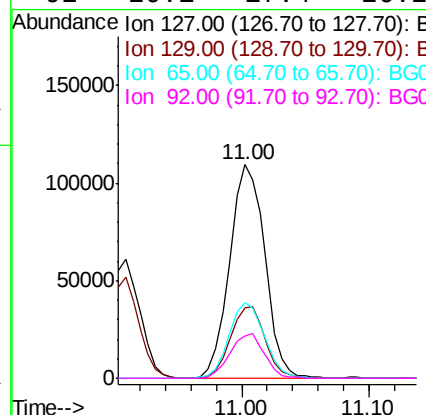
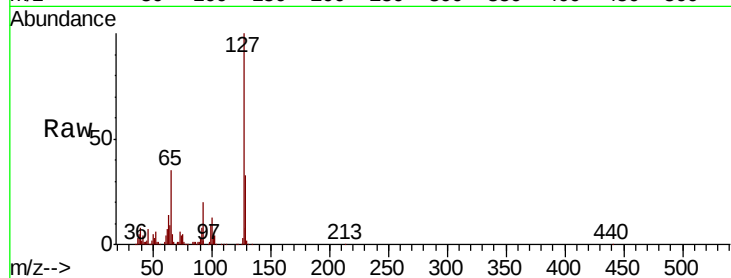
#33
4-Chloroaniline
Concen: 23.084 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		208951		
129	32.8	26.9	40.3		
65	35.1	27.7	41.5		
92	20.1	17.4	26.2		

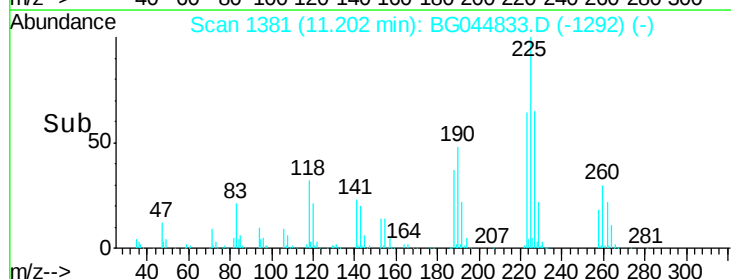
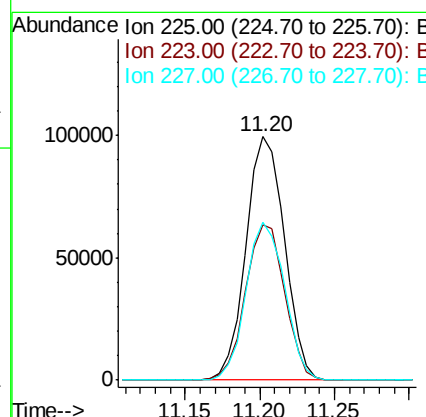
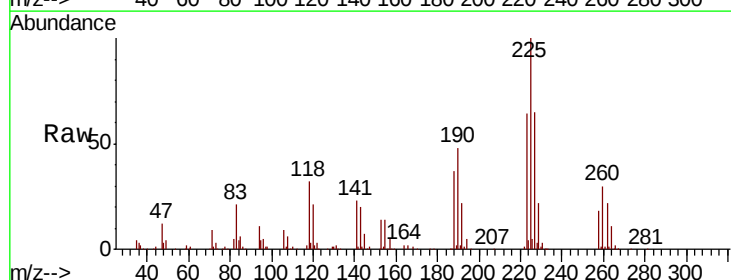
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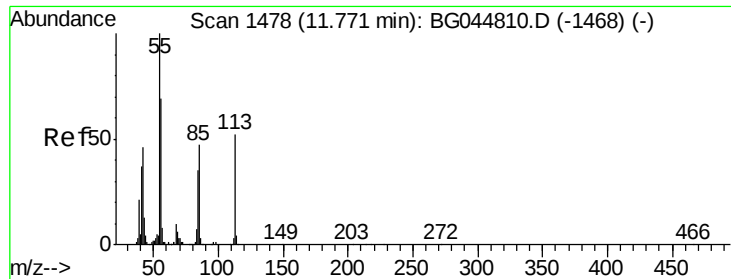
mohammad
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#34
Hexachlorobutadiene
Concen: 36.833 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		177704		
223	63.8	47.4	71.0		
227	65.0	50.8	76.2		





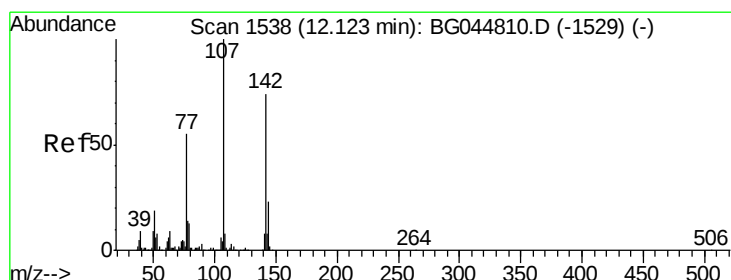
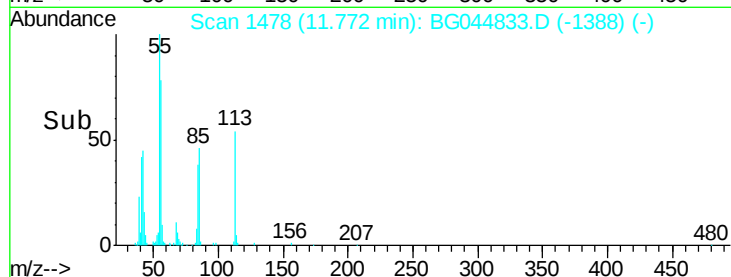
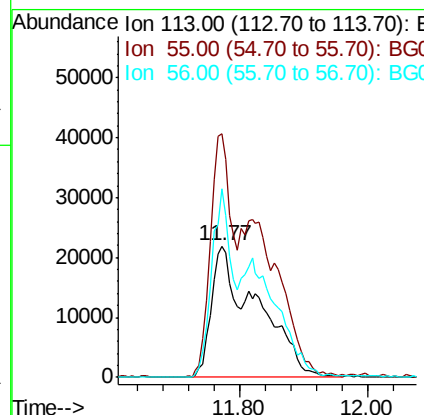
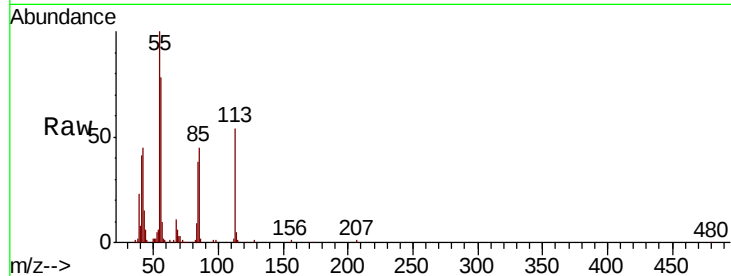
#35
 Caprolactam
 Concen: 46.541 ng/ml
 RT: 11.77 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BG044833.D
 Acq: 17 Mar 2020 14:34

Instrument :
 BNA_G
 ClientSampleID :
 PB127544BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	185.7	173.8	213.8
56	144.0	113.8	153.8

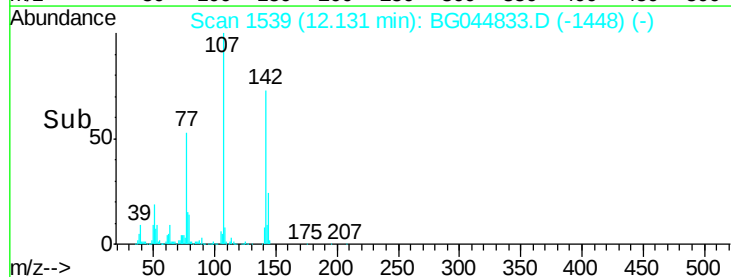
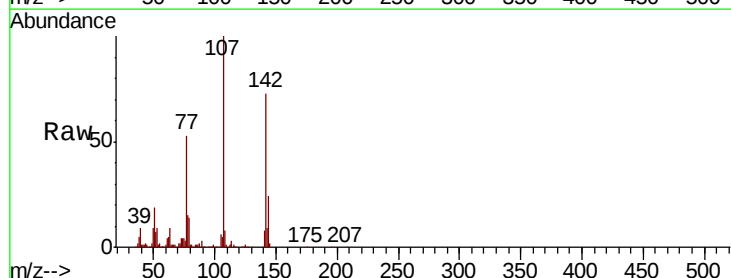
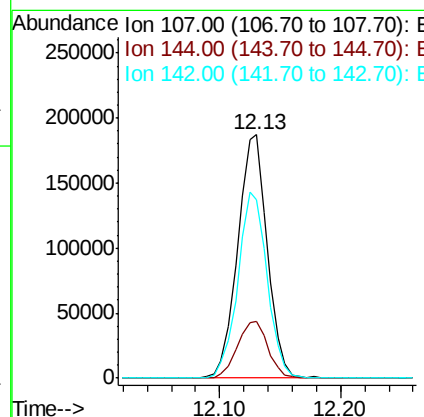
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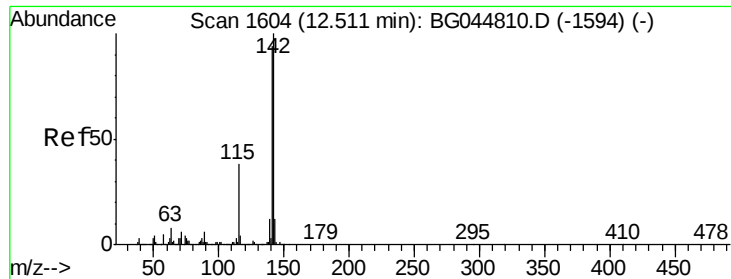
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 43.649 ng/ml
 RT: 12.13 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BG044833.D
 Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	18.0	27.0
142	73.2	59.0	88.4





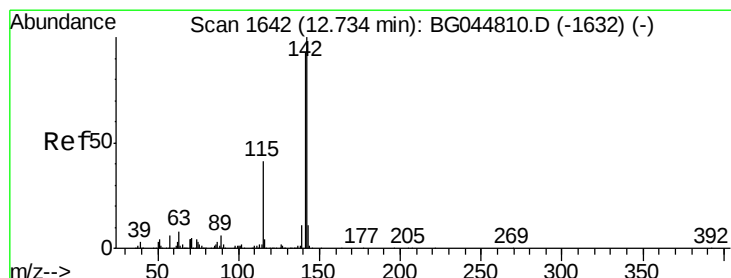
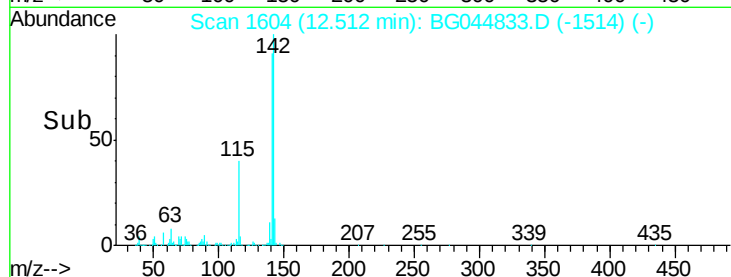
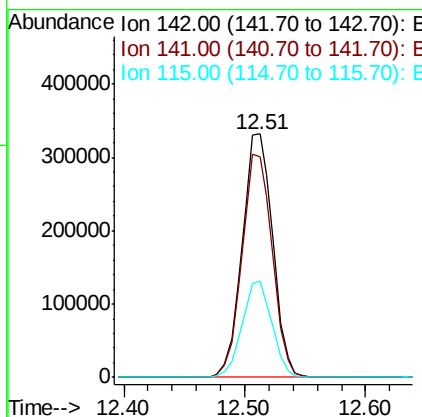
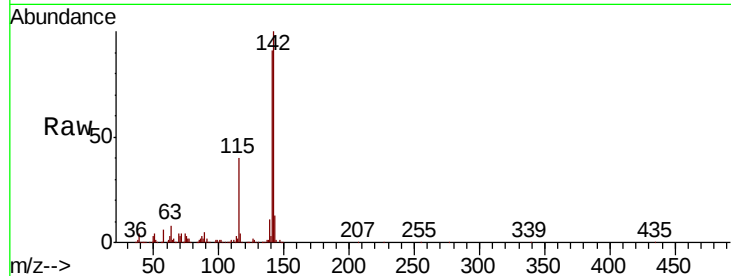
#37
 2-Methylnaphthalene
 Concen: 38.947 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BG044833.D
 Acq: 17 Mar 2020 14:34

Instrument :
 BNA_G
 ClientSampleId :
 PB127544BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	75.1	112.7
115	39.7	30.6	46.0

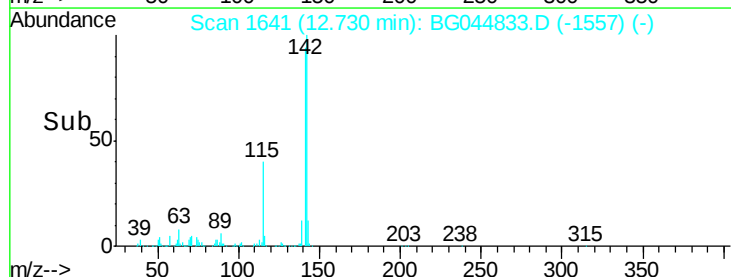
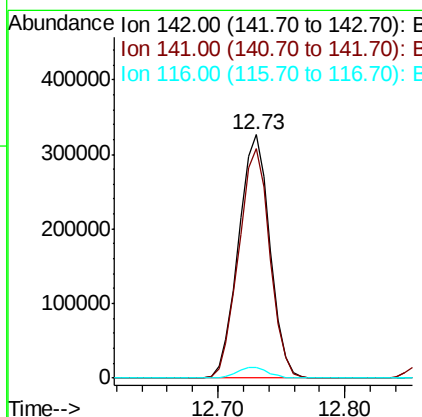
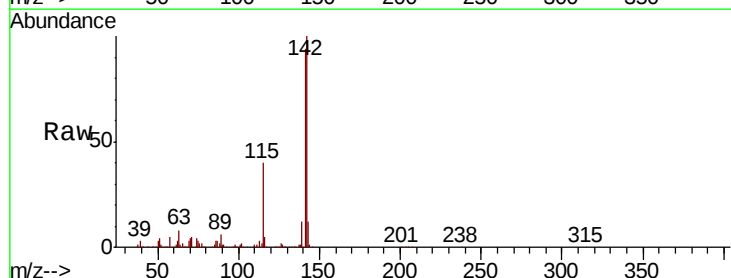
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#38
 1-Methylnaphthalene
 Concen: 39.564 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BG044833.D
 Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	74.7	112.1
116	4.6	3.3	4.9





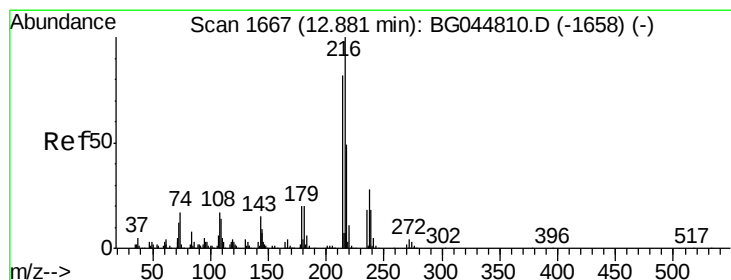
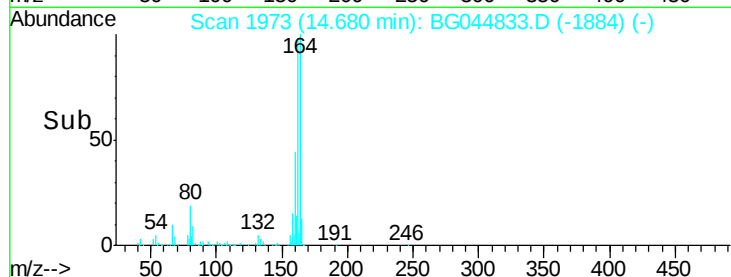
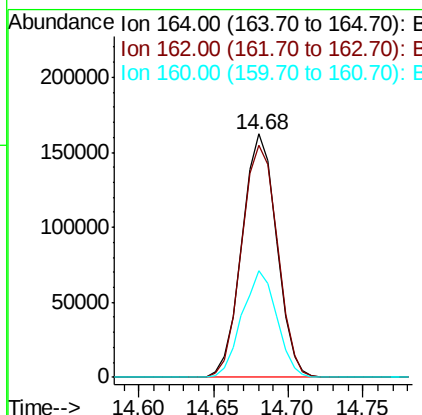
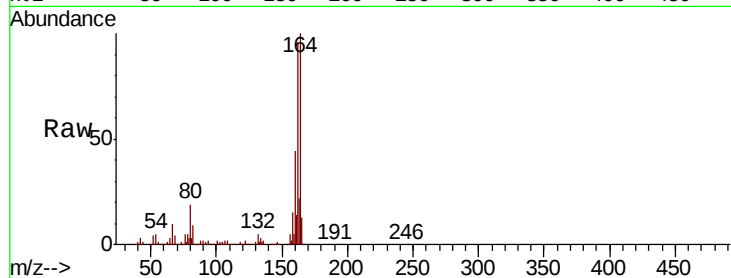
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	95.6	76.7	115.1
160	43.6	35.0	52.4

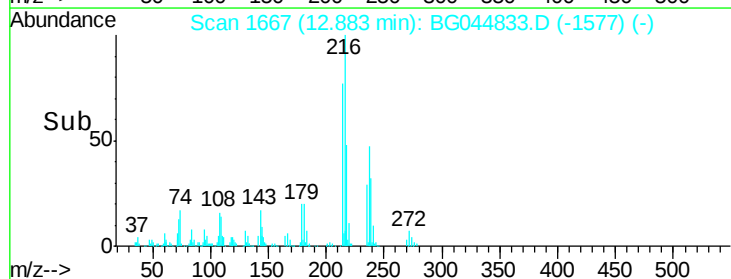
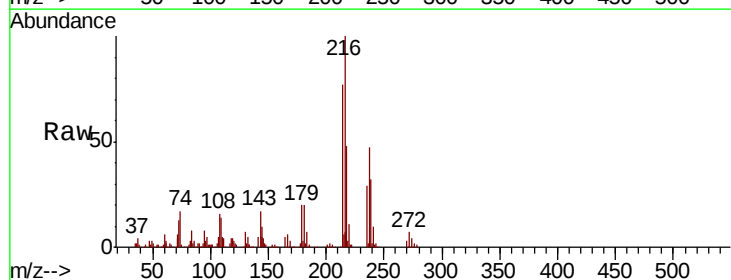
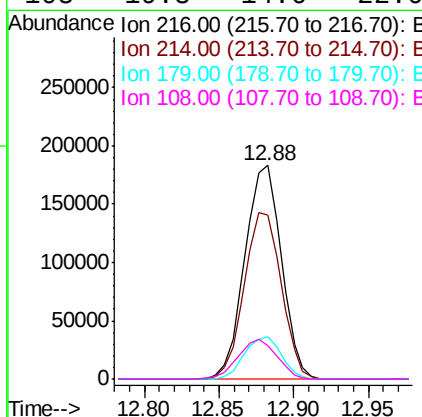
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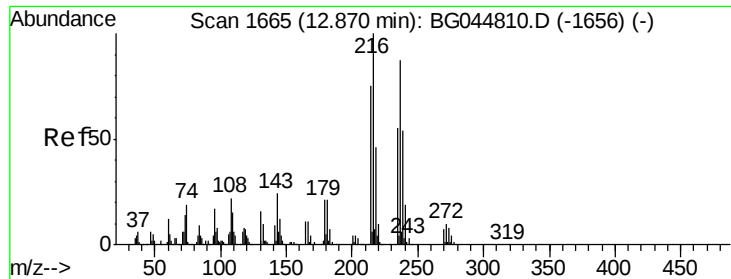
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.306 ng
RT: 12.88 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.6
179	19.9	16.2	24.2
108	19.8	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 91.300 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Instrument :

BNA_G

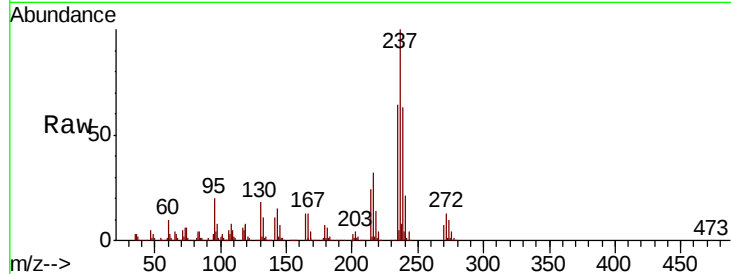
ClientSampleId :

PB127544BSD

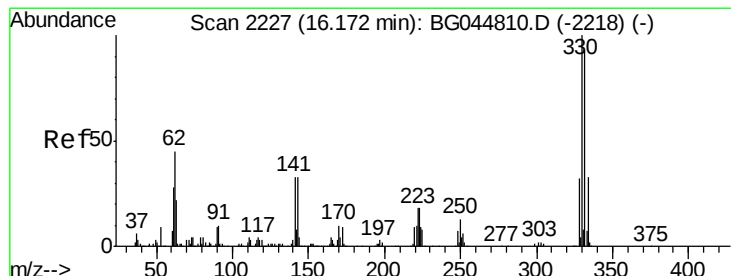
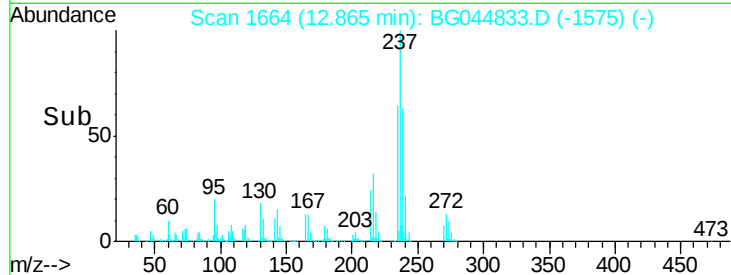
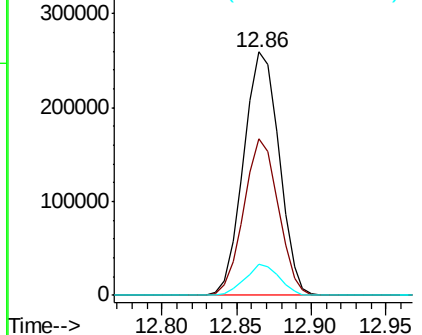
Tot Ion:	237	Resp:	427488
Ion Ratio	Lower	Upper	
237	100		
235	64.4	42.9	82.9
272	12.9	0.0	31.6

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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: 121.835 ng

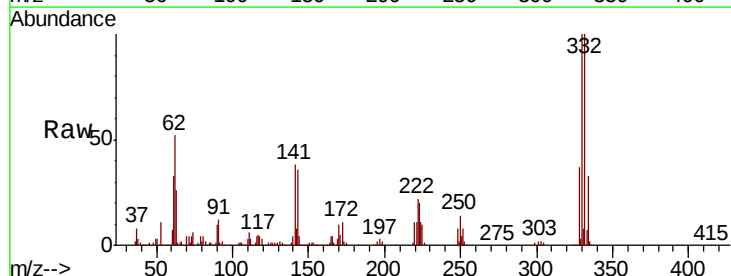
RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

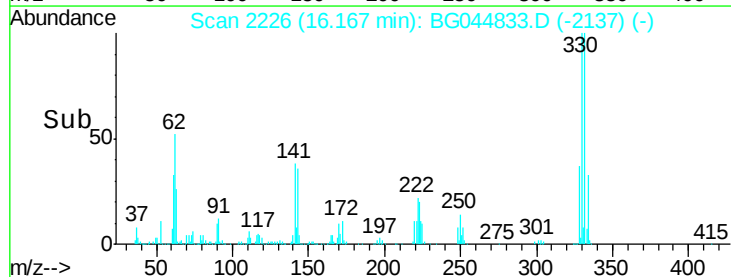
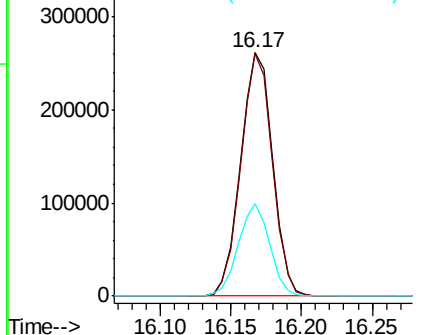
Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Tgt Ion:	330	Resp:	415004
Ion Ratio	Lower	Upper	
330	100		
332	98.0	77.8	116.6
141	37.1	29.5	44.3



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





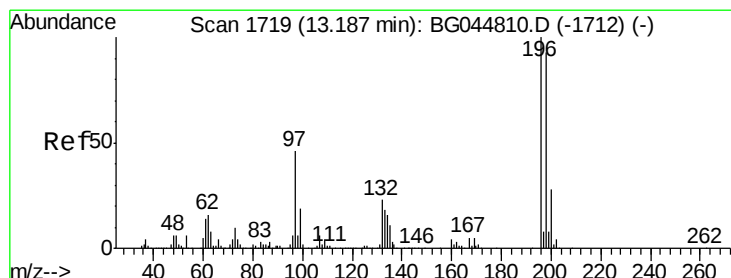
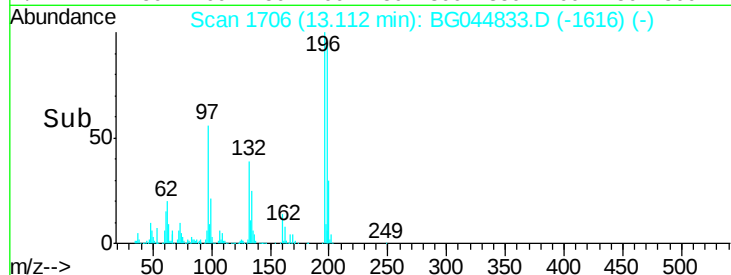
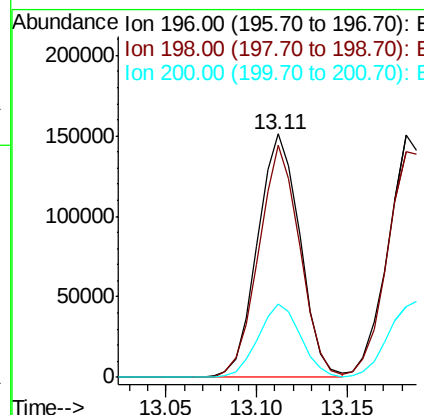
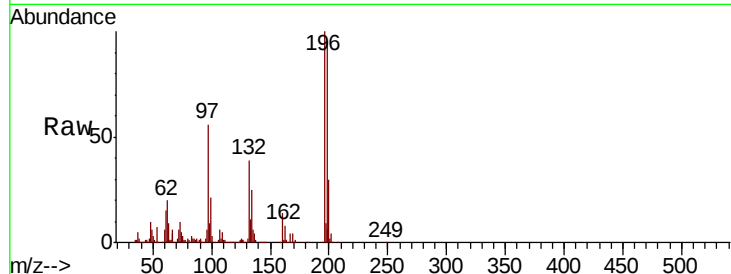
#43
 2,4,6-Trichlorophenol
 Concen: 43.216 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG044833.D
 Acq: 17 Mar 2020 14:34

Instrument :
 BNA_G
 ClientSampleId :
 PB127544BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	74.9	112.3
200	30.0	25.8	38.6

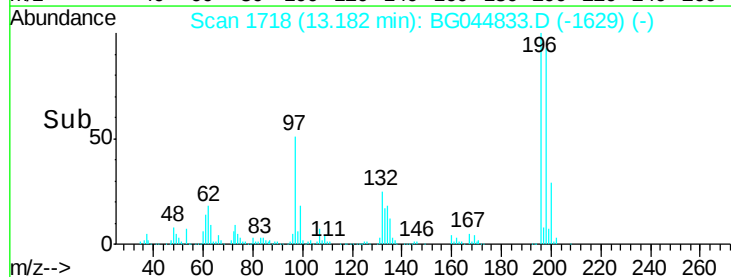
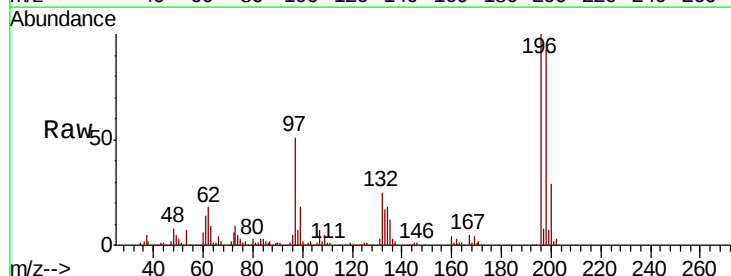
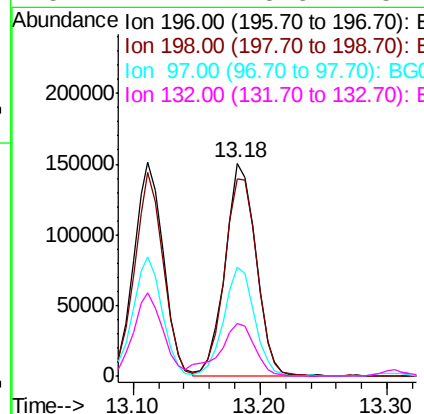
Manual Integrations
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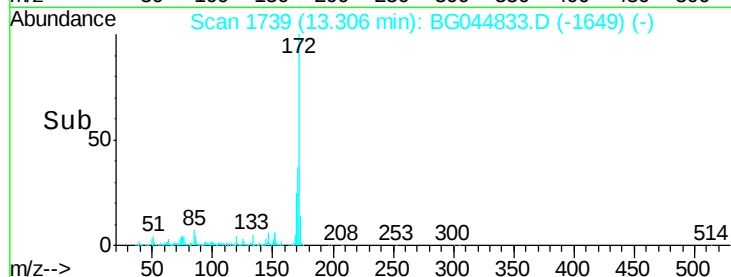
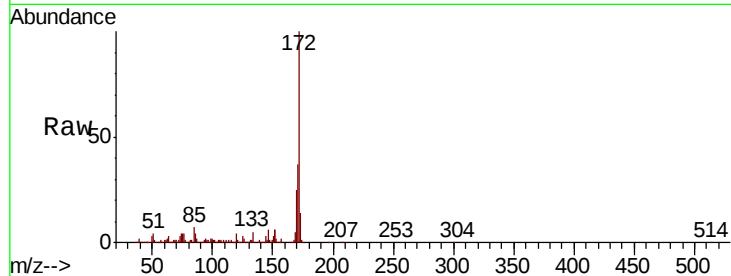
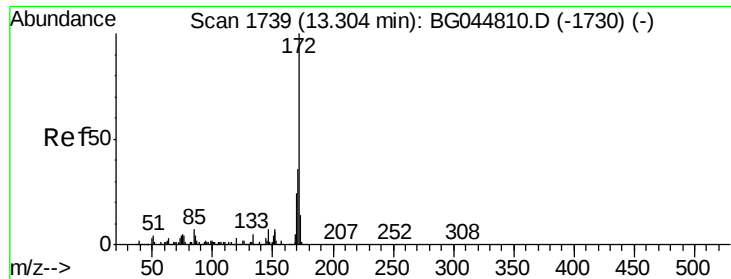
mohammad
 3/18/2020 4:00:11 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.058 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG044833.D
 Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.0	74.2	111.4
97	51.3	36.7	55.1
132	24.7	18.8	28.2





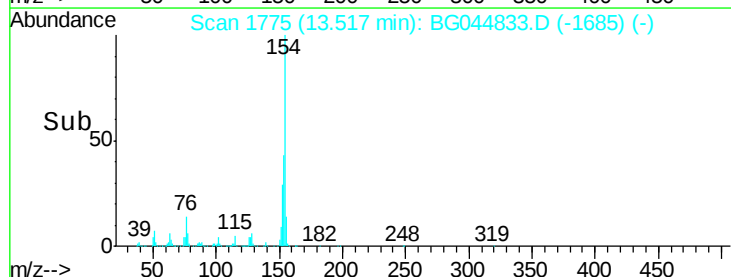
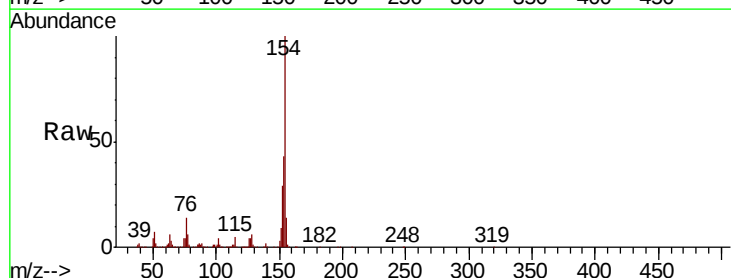
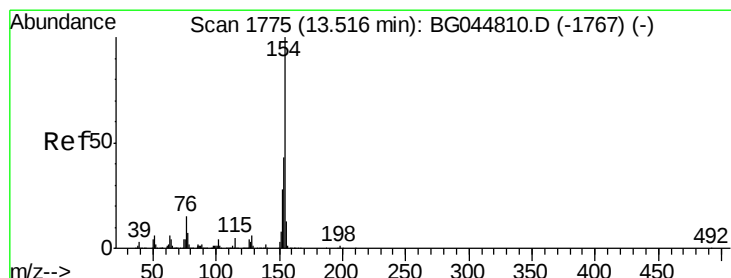
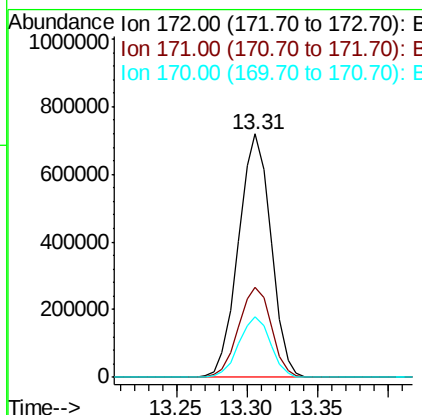
#45
2-Fluorobiphenyl
Concen: 63.814 ng
RT: 13.31 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.7	43.1
170	24.8	19.0	28.6

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

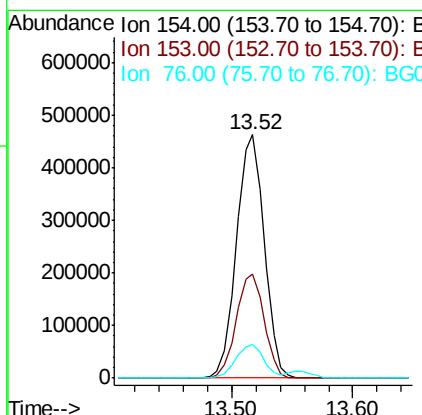
Manual Integrations
APPROVED

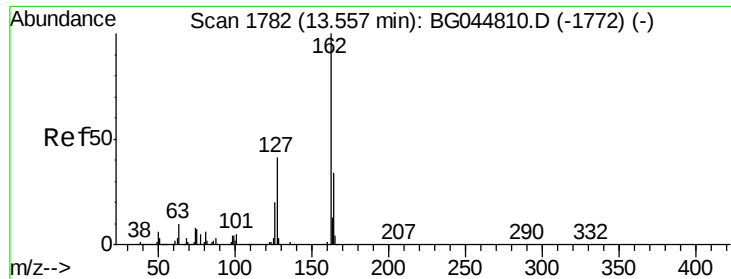
mohammad
3/18/2020 4:00:11 PM



#46
1,1'-Biphenyl
Concen: 35.660 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.9	62.9
76	13.9	0.0	34.6





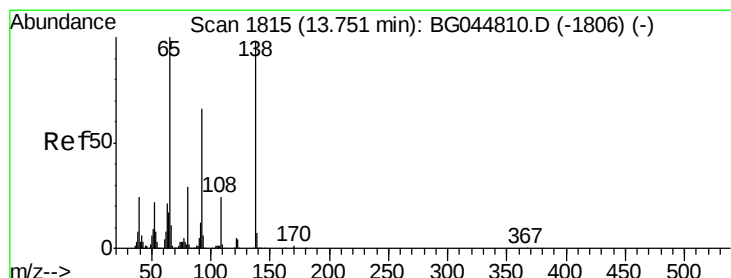
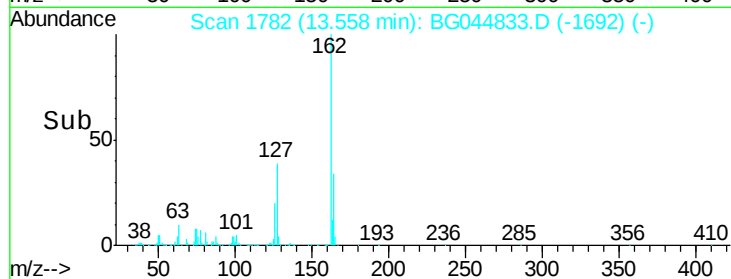
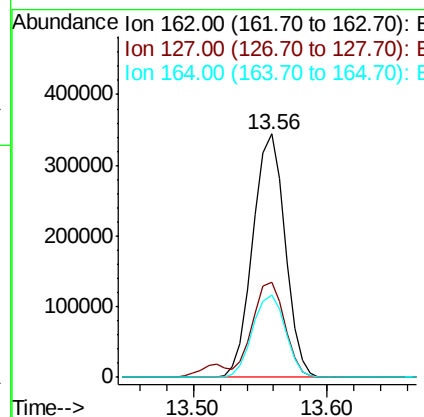
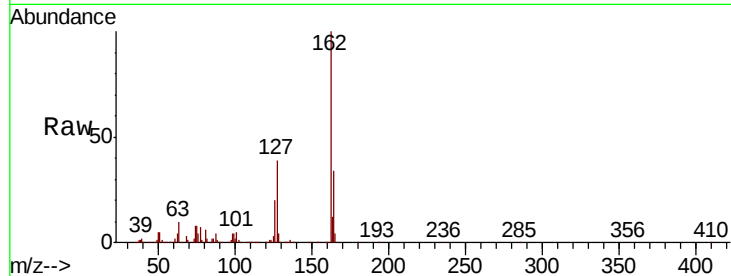
#47
2-Chloronaphthalene
Concen: 36.088 ng
RT: 13.56 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	33.1	49.7
164	33.9	27.4	41.2

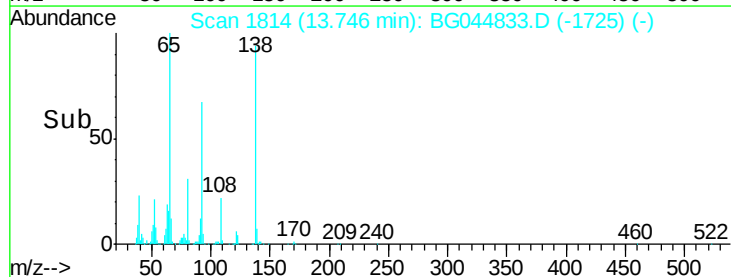
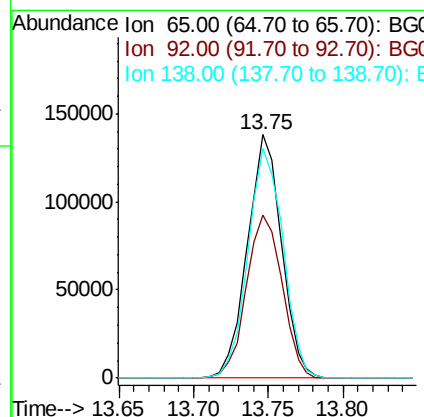
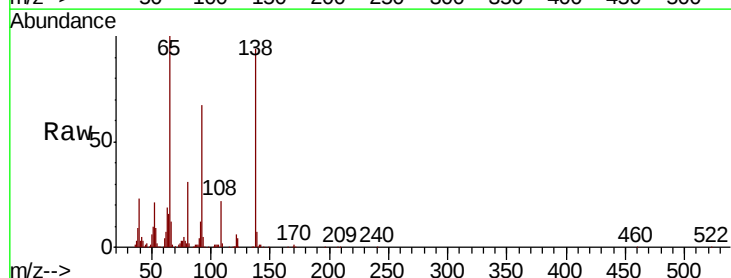
Manual Integrations
APPROVED

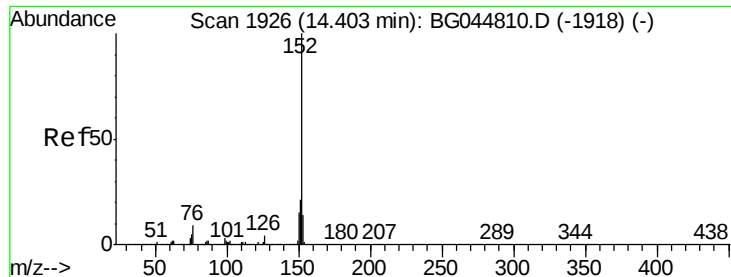
mohammad
3/18/2020 4:00:11 PM



#48
2-Nitroaniline
Concen: 39.305 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	52.6	79.0
138	94.3	78.3	117.5





#49

Acenaphthylene

Concen: 38.681 ng

RT: 14.40 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Instrument :

BNA_G

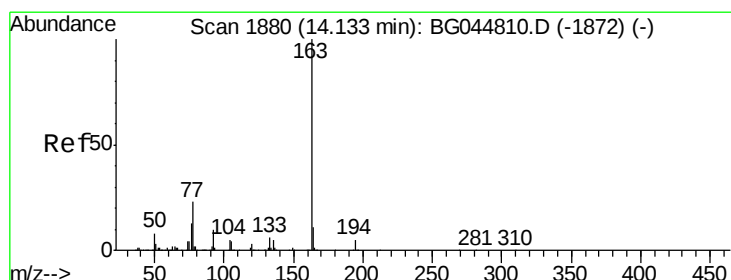
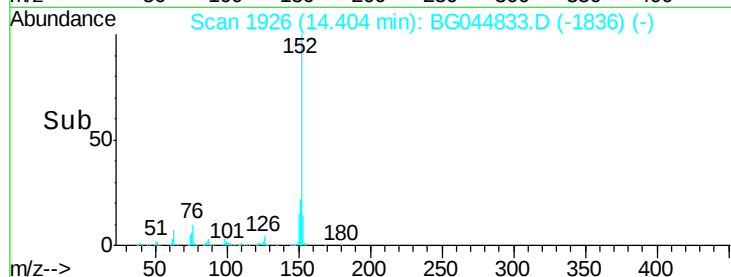
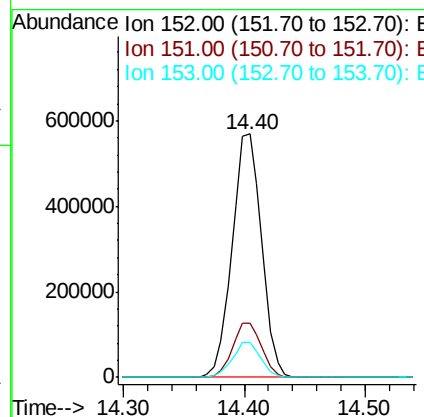
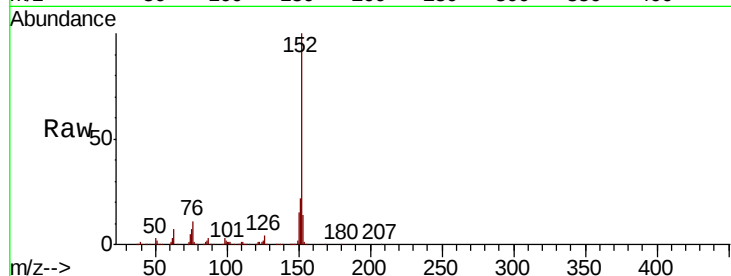
ClientSampleId :

PB127544BSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	962403		
151	22.1		16.8	25.2
153	14.2		10.8	16.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 38.271 ng

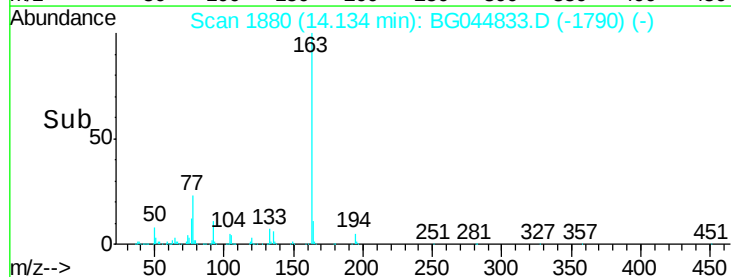
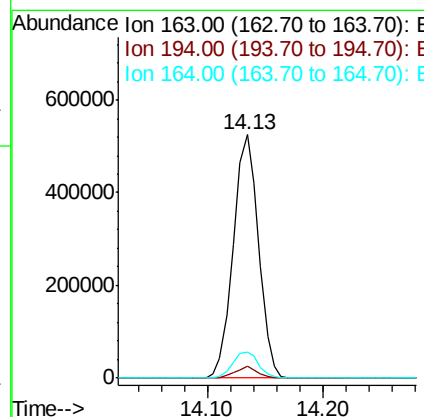
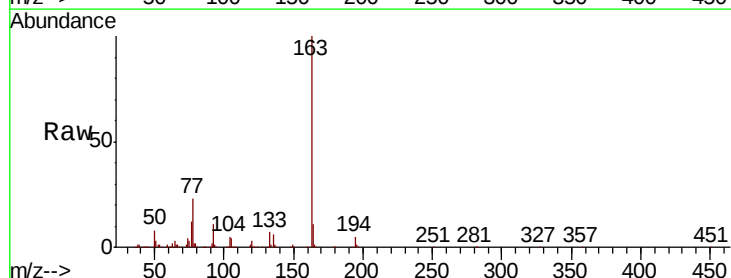
RT: 14.13 min Scan# 1880

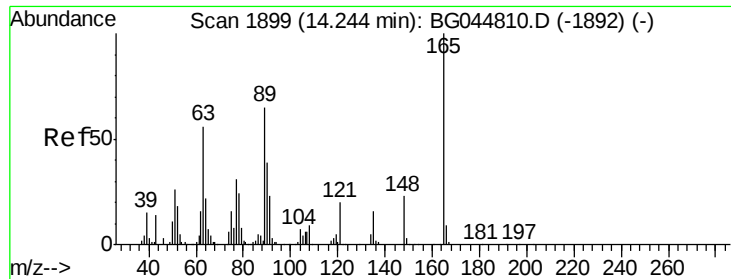
Delta R.T. 0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	792980		
194	5.0		3.7	5.5
164	10.8		9.1	13.7





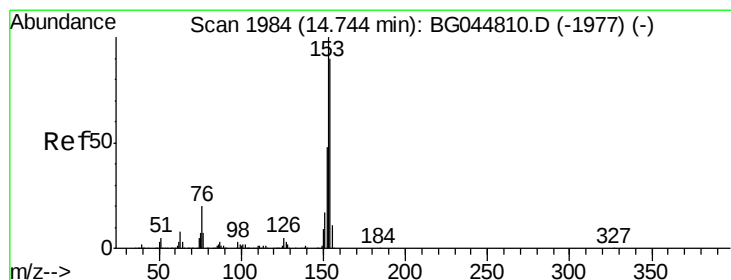
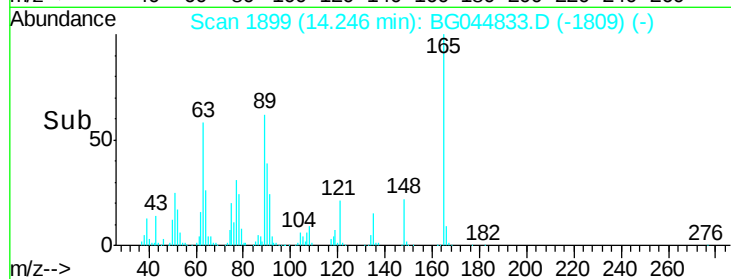
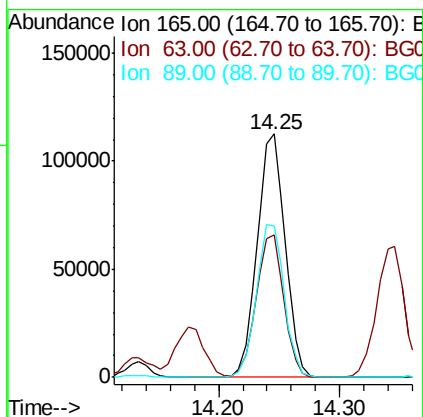
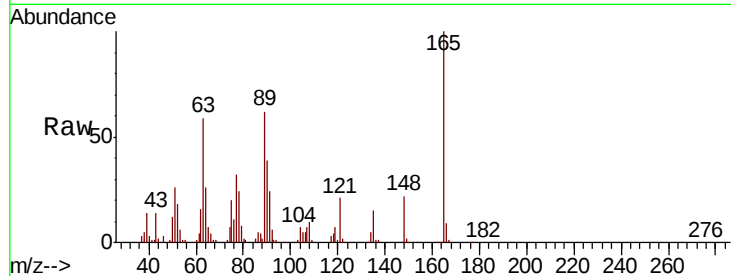
#51
2,6-Dinitrotoluene
Concen: 43.310 ng
RT: 14.25 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	58.6	45.8	68.8
89	62.4	51.8	77.6

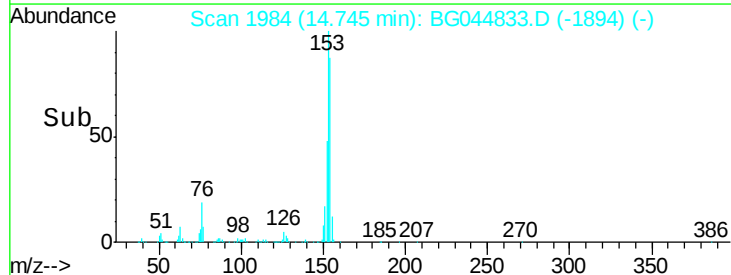
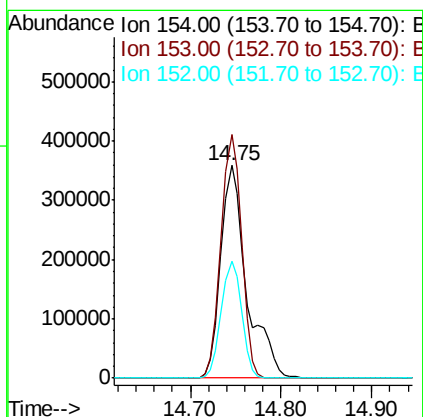
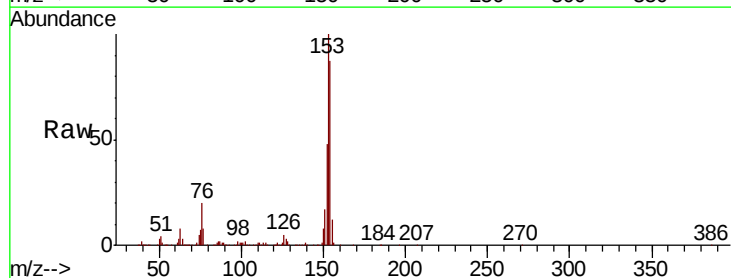
Manual Integrations
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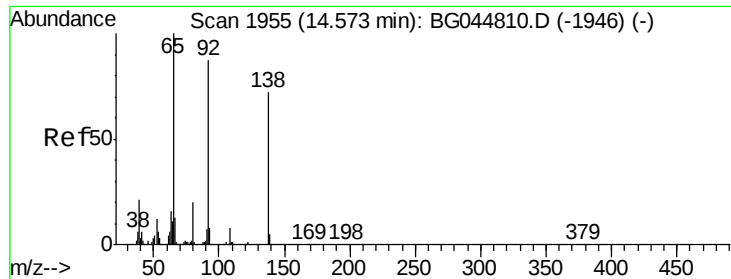
mohammad
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#52
Acenaphthene
Concen: 43.702 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.4	89.0	133.6
152	54.7	43.0	64.6





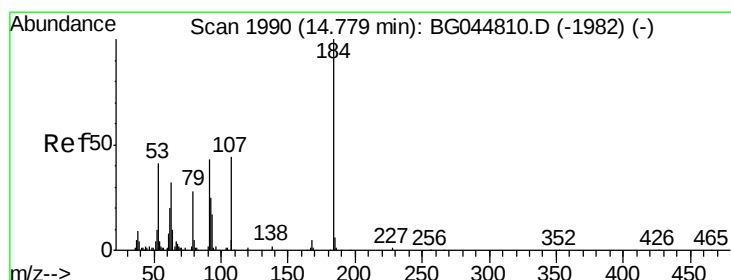
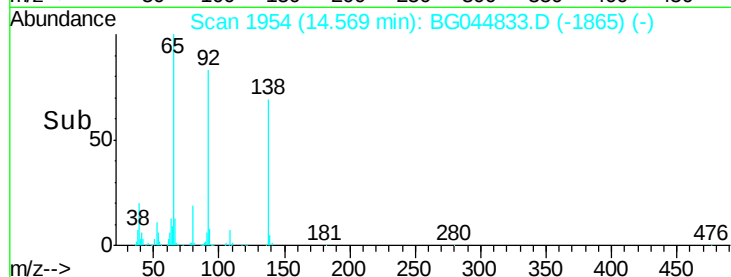
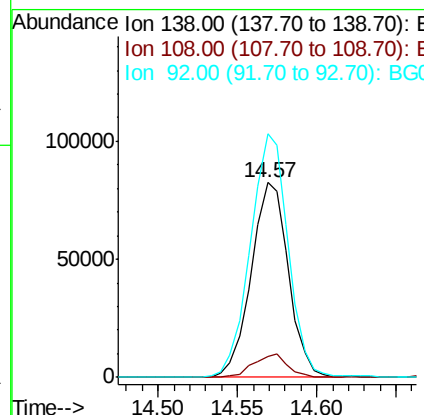
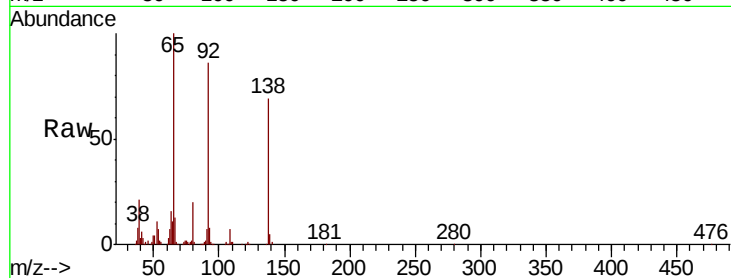
#53
3-Nitroaniline
Concen: 27.998 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.0	13.4
92	125.2	96.8	145.2

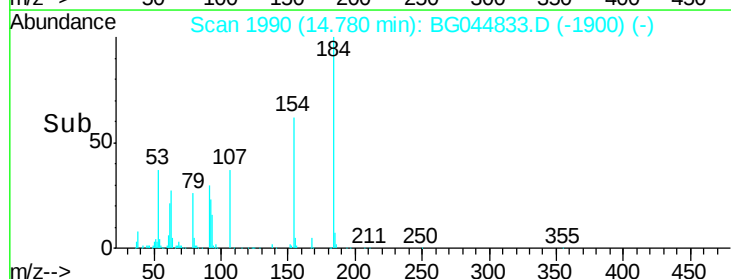
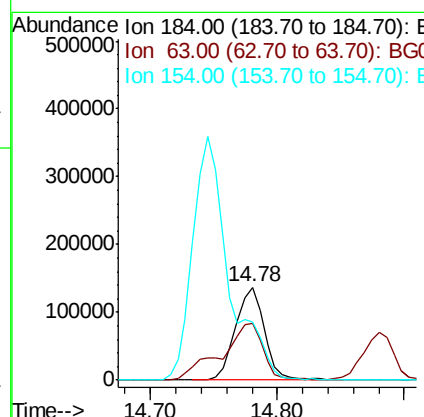
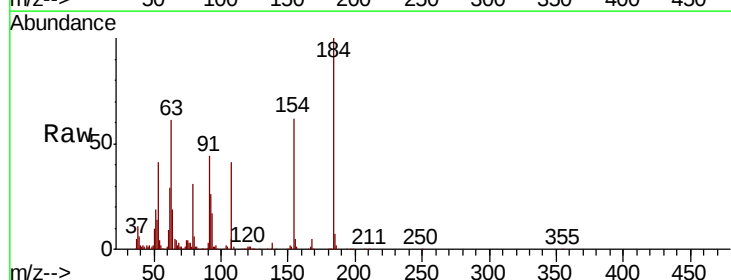
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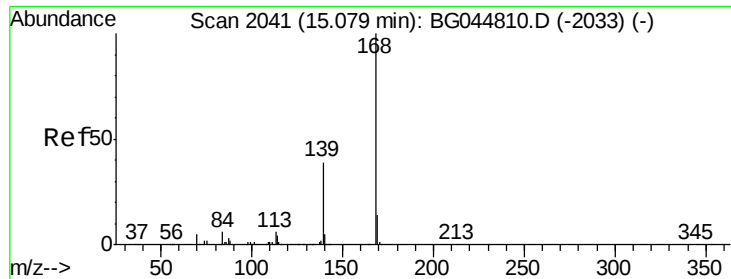
mohammad
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#54
2,4-Dinitrophenol
Concen: 97.252 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.6	45.5	68.3
154	61.9	49.1	73.7





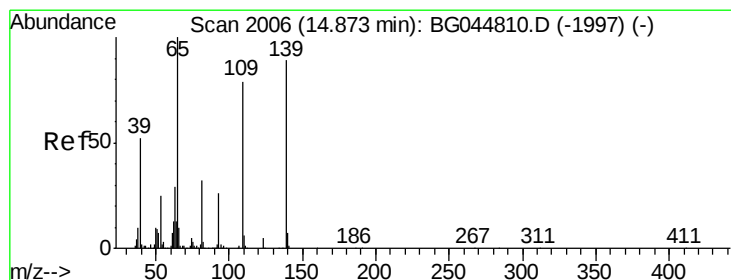
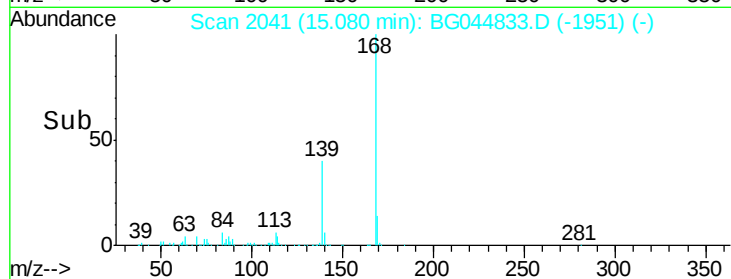
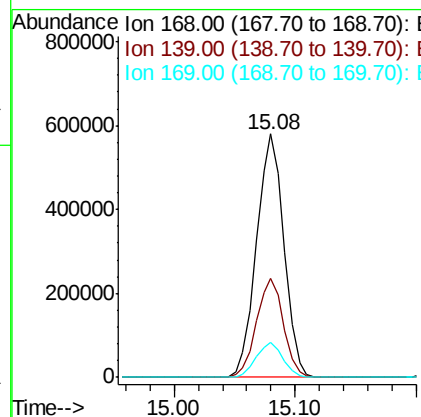
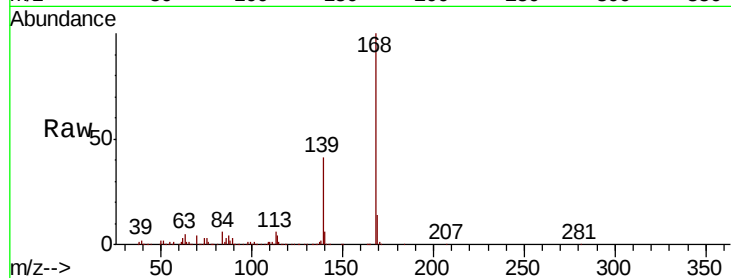
#55
Dibenzofuran
Concen: 38.684 ng
RT: 15.08 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.7	31.4	47.0	
169	14.2	11.1	16.7	

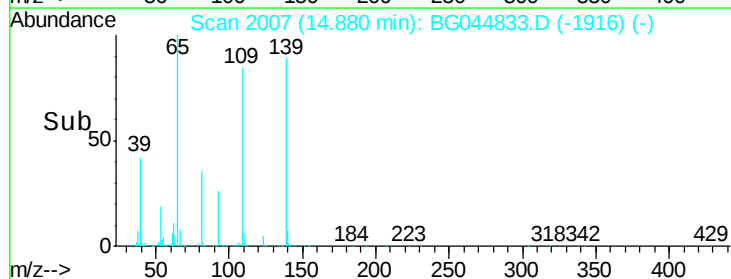
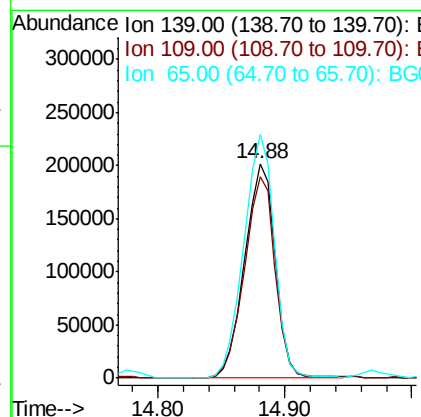
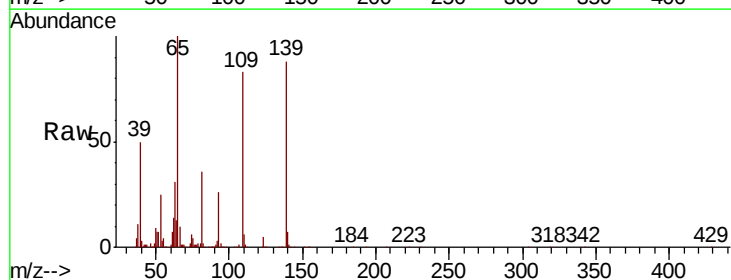
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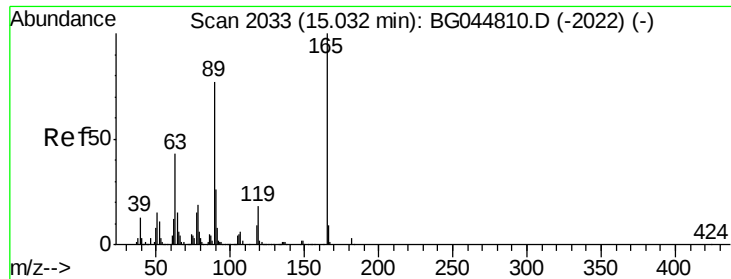
mohammad
3/18/2020 4:00:11 PM



#56
4-Nitrophenol
Concen: 92.564 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	94.1	68.8	108.8	
65	113.5	92.5	132.5	





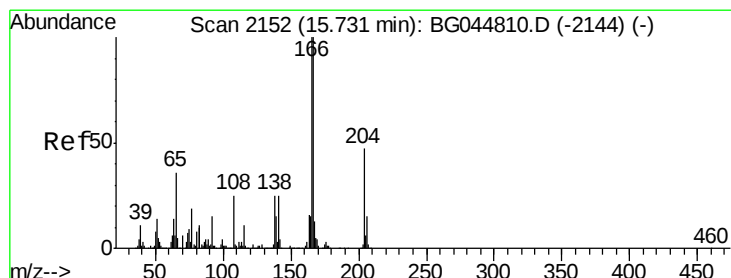
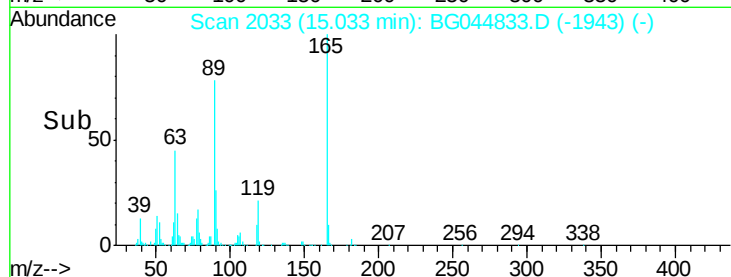
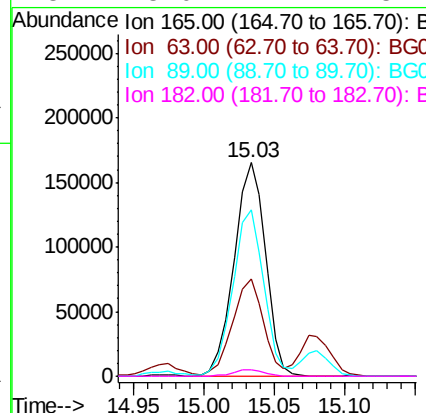
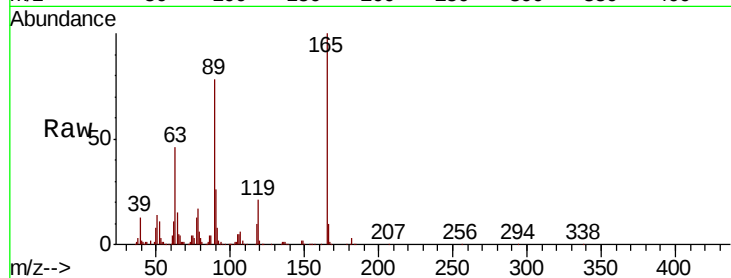
#57
2,4-Dinitrotoluene
Concen: 44.803 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	256630		
63	45.6		34.6	52.0
89	77.9		61.3	91.9
182	3.0		2.2	3.2

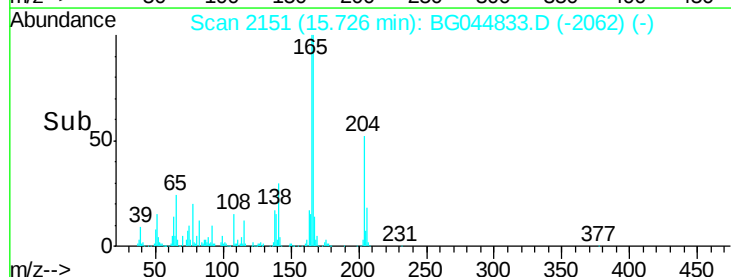
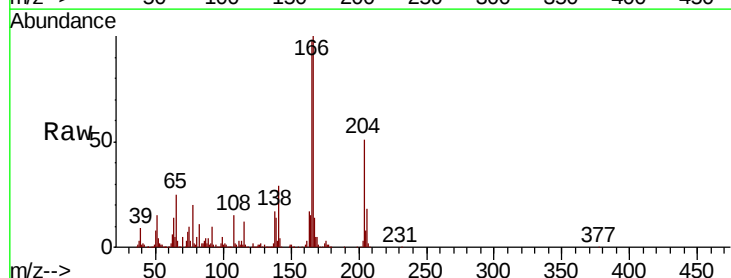
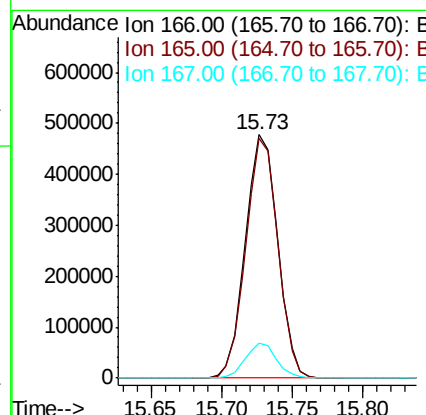
Manual Integrations
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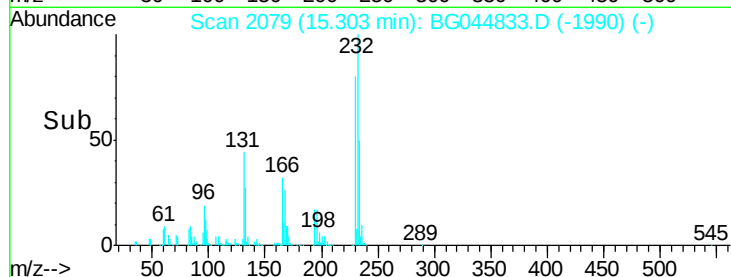
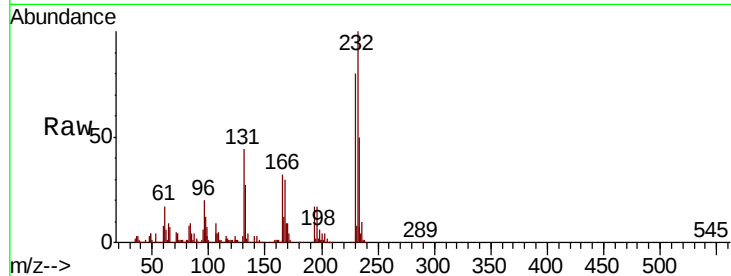
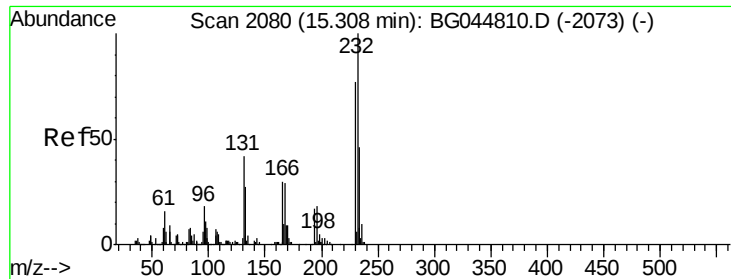
mohammad
3/18/2020 4:00:11 PM



#58
Fluorene
Concen: 39.540 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	768561		
165	98.3		79.7	119.5
167	14.4		10.6	16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.183 ng/mL

RT: 15.30 min Scan# 2079

Delta R.T. -0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Instrument :

BNA_G

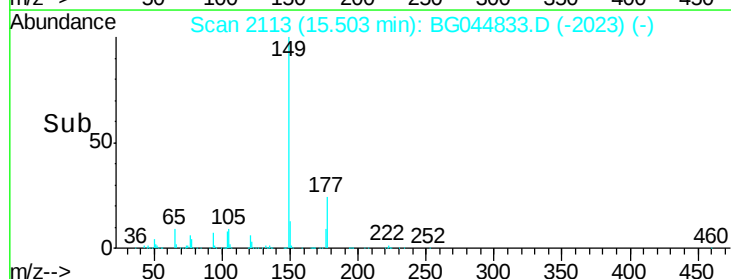
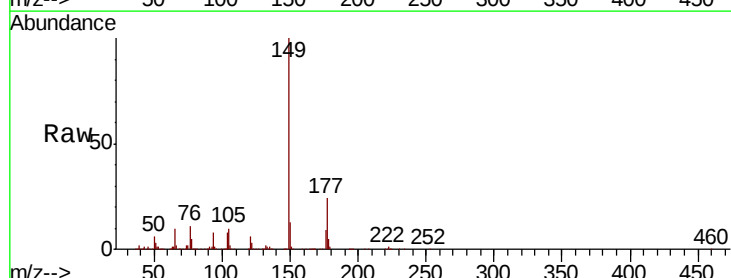
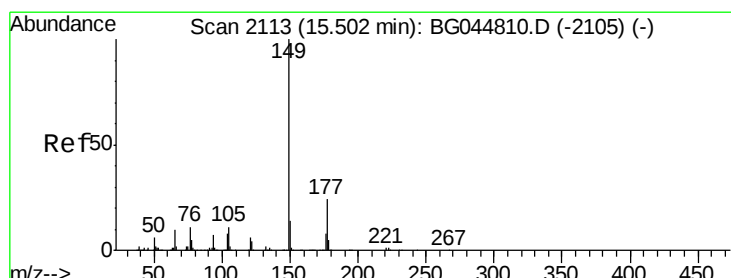
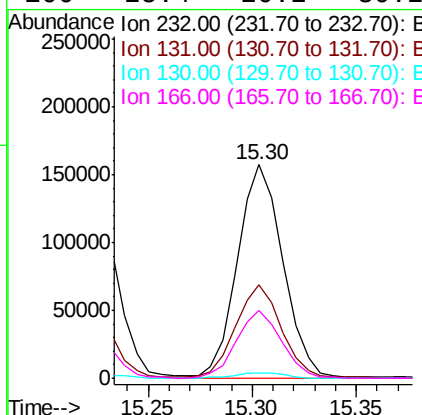
ClientSampleId :

PB127544BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	239860		
131	38.4		31.8	47.8
130	3.0		2.2	3.2
166	25.4		20.2	30.2

Manual Integrations
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3/18/2020 4:00:11 PM



#60

Diethylphthalate

Concen: 38.206 ng/mL

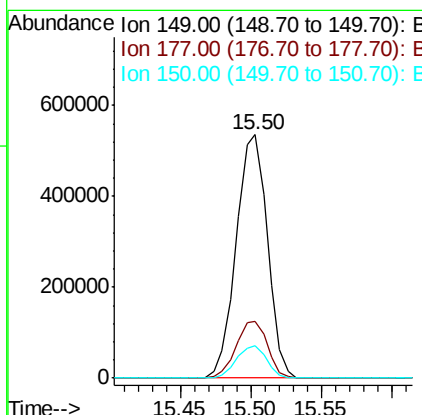
RT: 15.50 min Scan# 2113

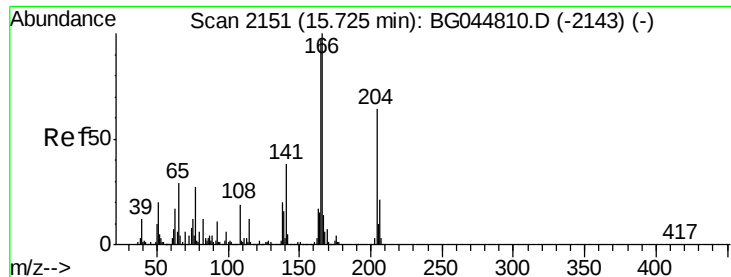
Delta R.T. 0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	825660		
177	23.5		19.3	28.9
150	13.5		11.0	16.6





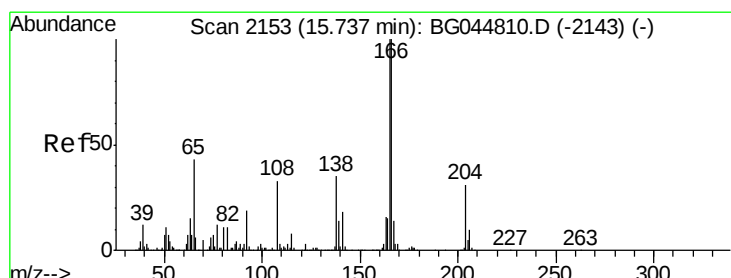
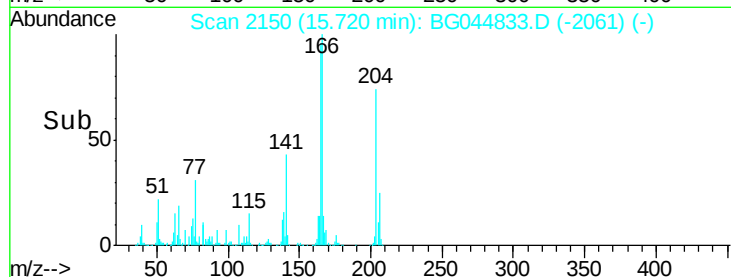
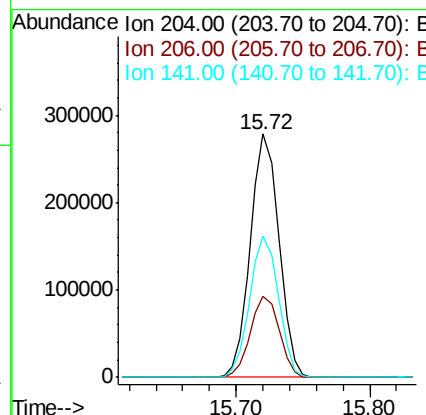
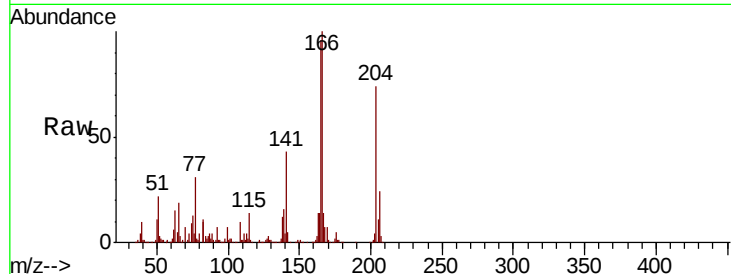
#61
4-Chlorophenyl-phenylether
Concen: 39.201 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	58.0	47.7	71.5

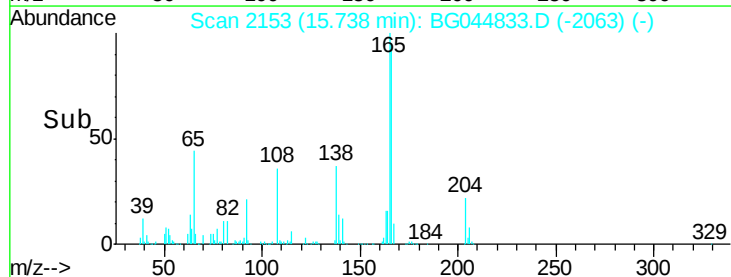
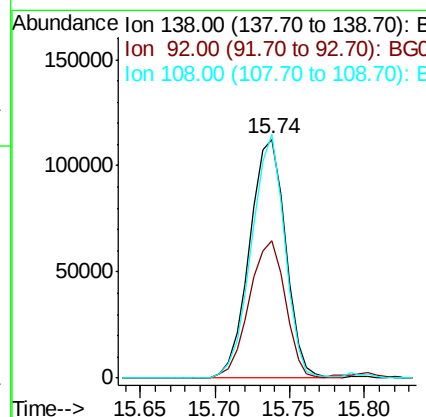
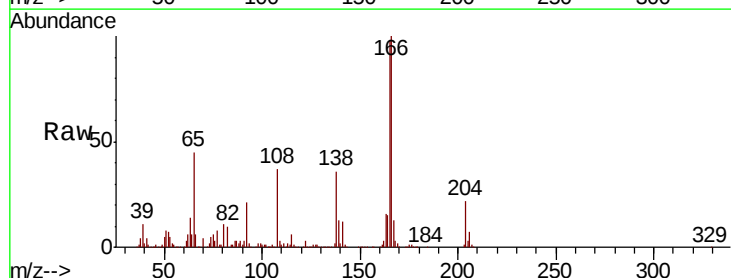
Manual Integrations
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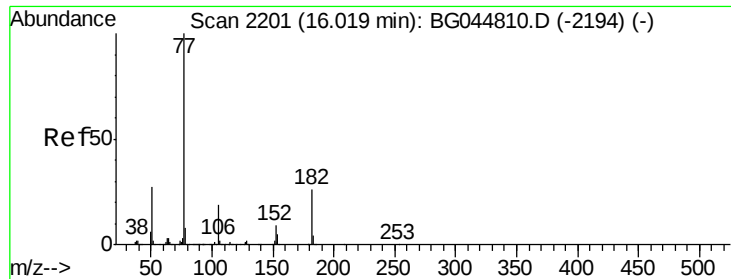
mohammad
3/18/2020 4:00:11 PM



#62
4-Nitroaniline
Concen: 36.669 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.7	34.5	74.5
108	101.9	74.5	114.5





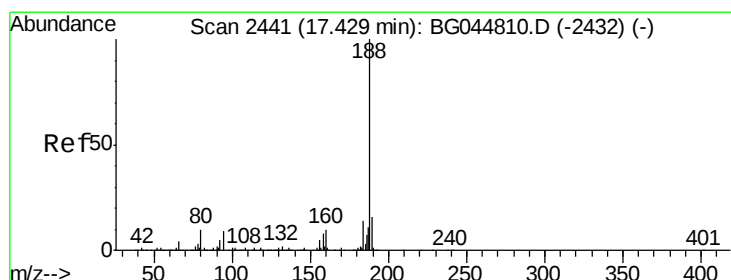
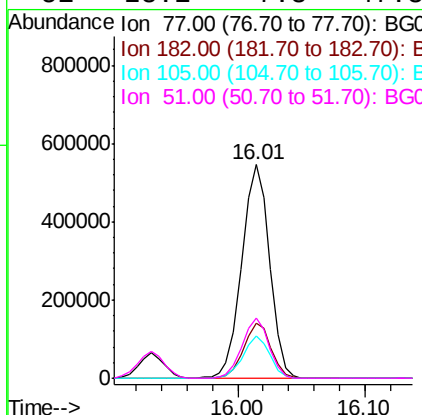
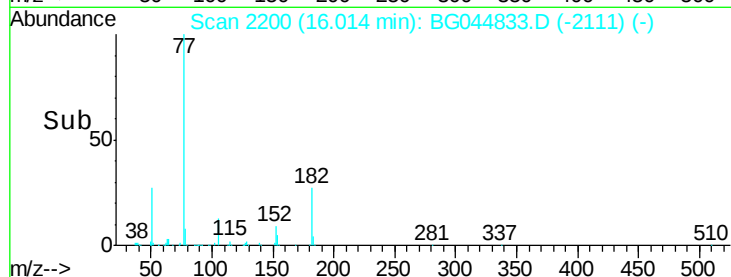
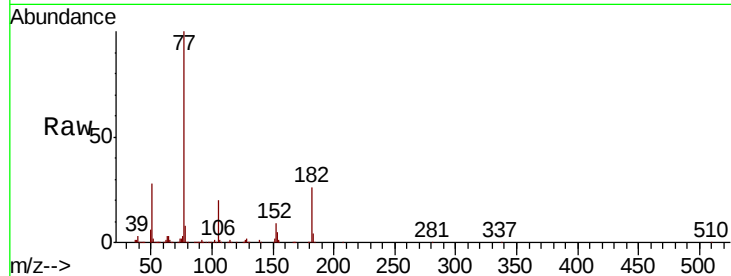
#63
Azobenzene
Concen: 36.887 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.1	6.4	46.4	
105	20.1	0.0	39.1	
51	28.1	7.3	47.3	

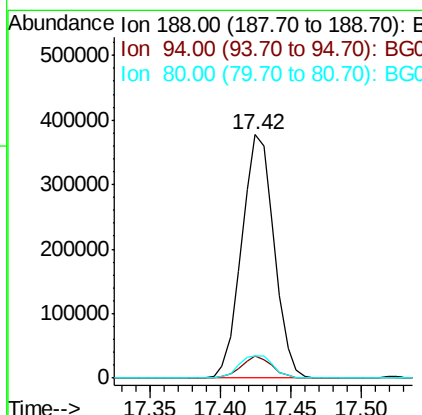
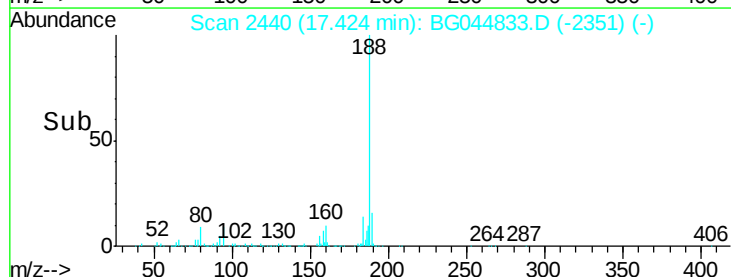
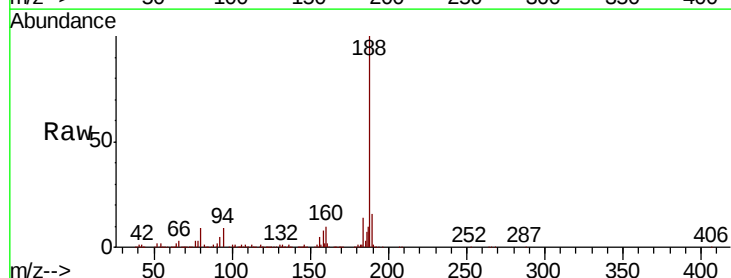
Manual Integrations
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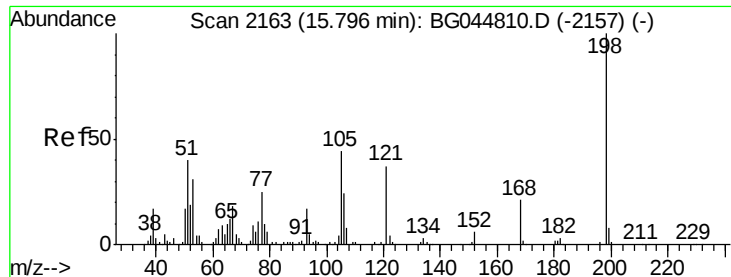
mohammad
3/18/2020 4:00:11 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.1	7.3	10.9	
80	9.4	8.0	12.0	





#65

4,6-Dinitro-2-methylphenol

Concen: 54.012 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Instrument :

BNA_G

ClientSampleId :

PB127544BSD

Tot Ion:198 Resp: 157576

Ion Ratio Lower Upper

198 100

51 43.3 21.1 61.1

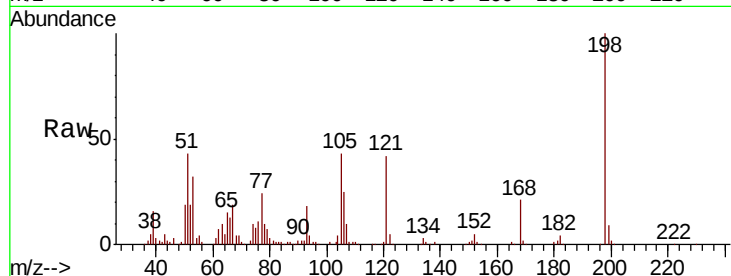
105 43.3 24.5 64.5

Manual Integrations

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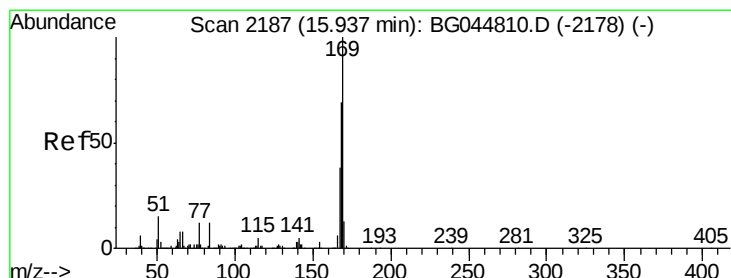
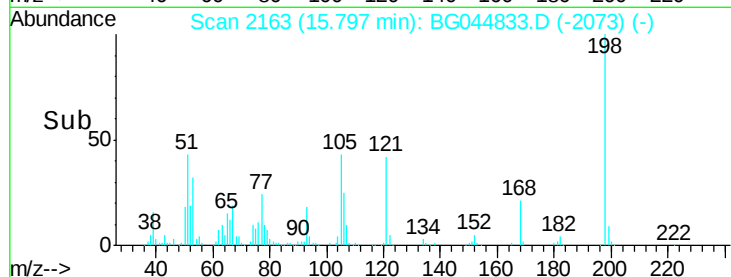
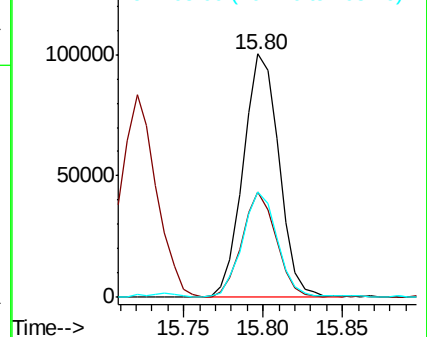
3/18/2020 4:00:11 PM



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: 38.186 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

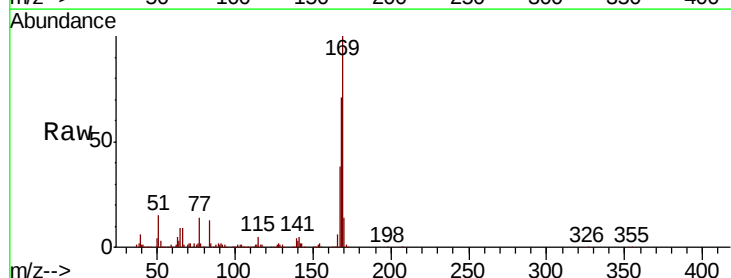
Tgt Ion:169 Resp: 697845

Ion Ratio Lower Upper

169 100

168 71.0 55.4 83.2

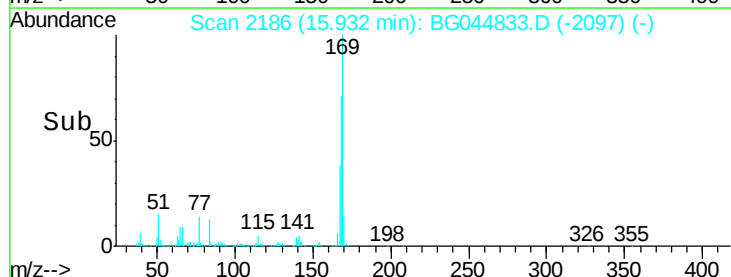
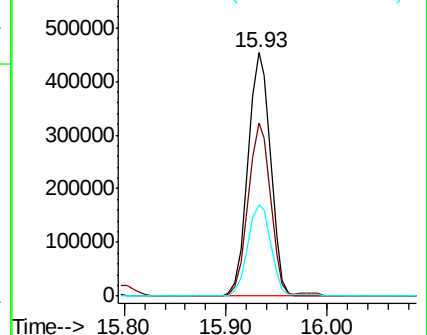
167 37.7 30.1 45.1

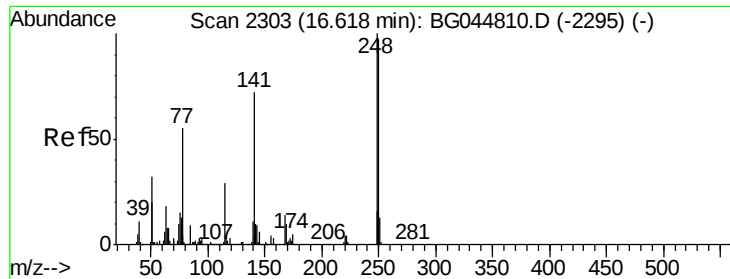


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





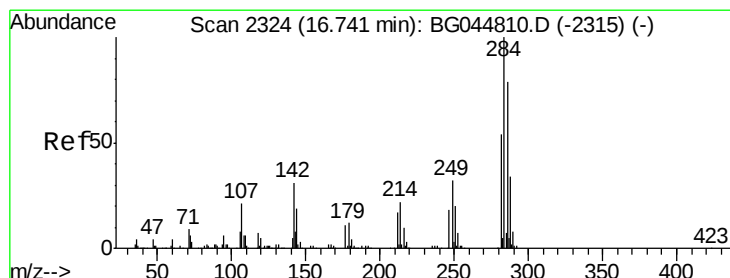
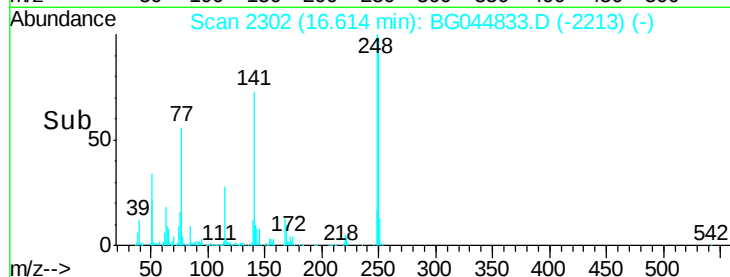
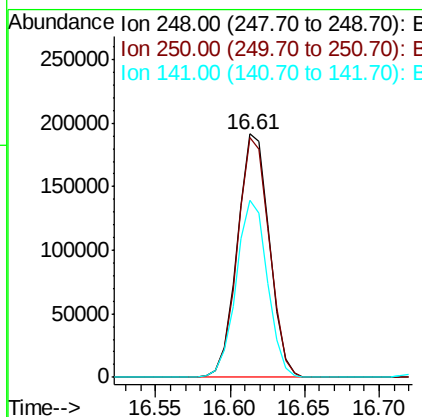
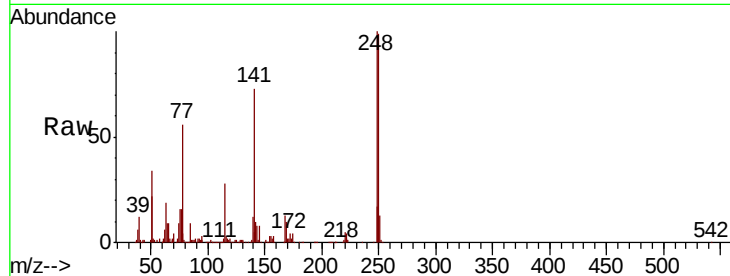
#67
4-Bromophenyl-phenylether
Concen: 37.428 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	77.9	116.9
141	72.8	57.5	86.3

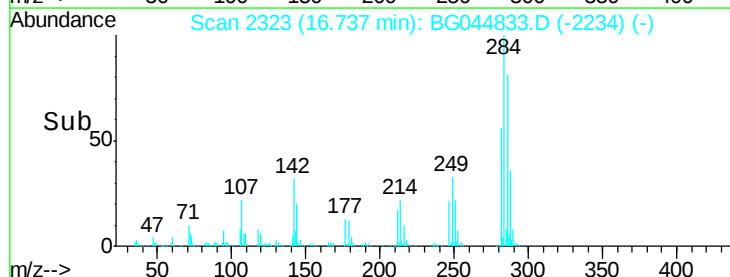
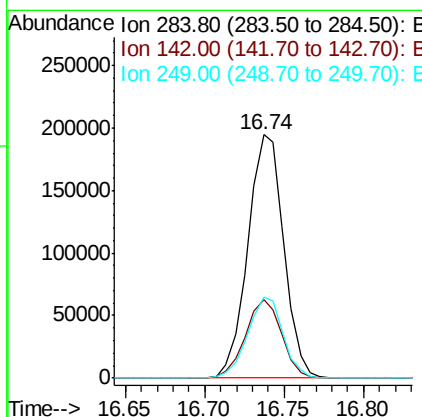
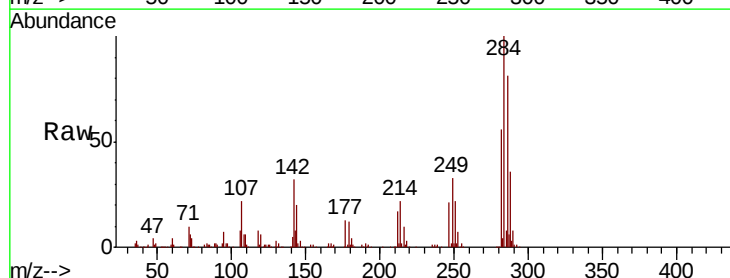
Manual Integrations
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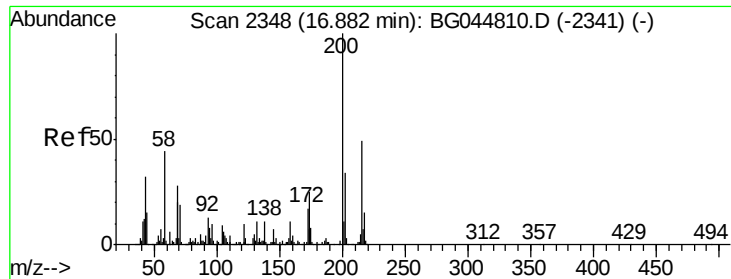
mohammad
3/18/2020 4:00:11 PM



#68
Hexachlorobenzene
Concen: 37.132 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	25.0	37.6
249	33.2	25.8	38.8





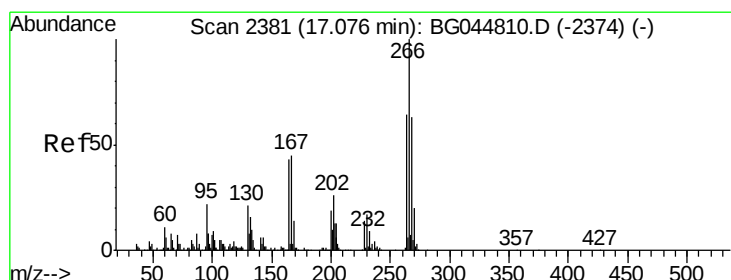
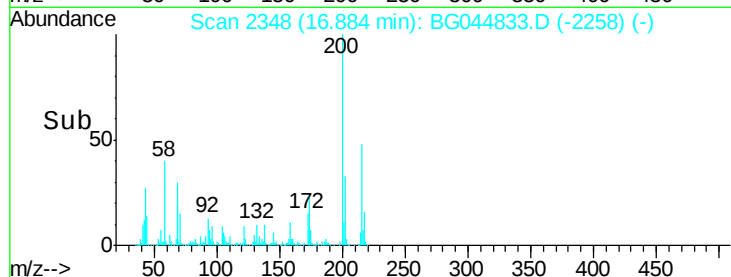
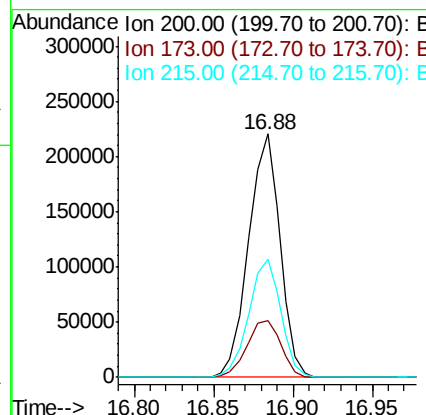
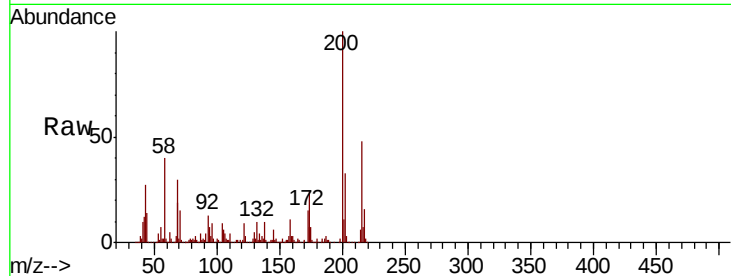
#69
Atrazine
Concen: 45.248 ng
RT: 16.88 min Scan# 2348
Delta R.T. 0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.5	5.3	45.3
215	48.4	28.9	68.9

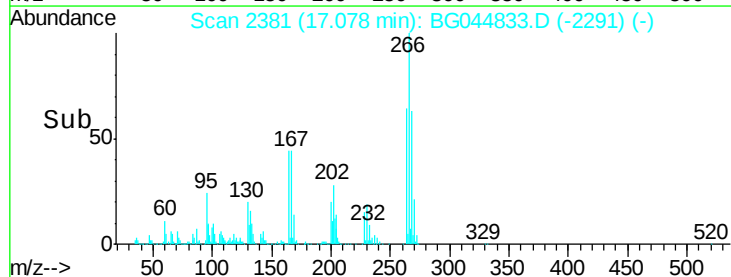
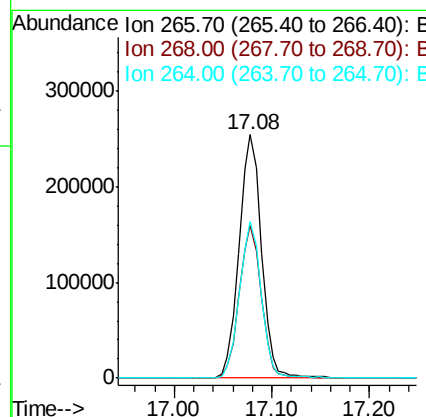
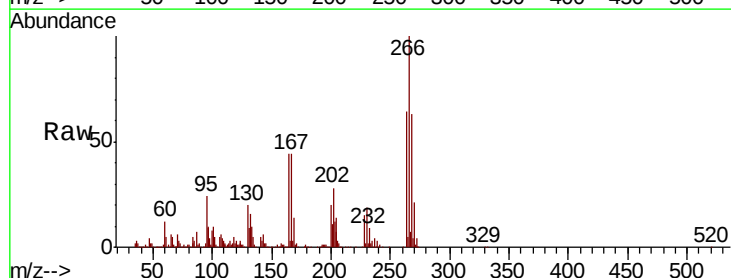
Manual Integrations
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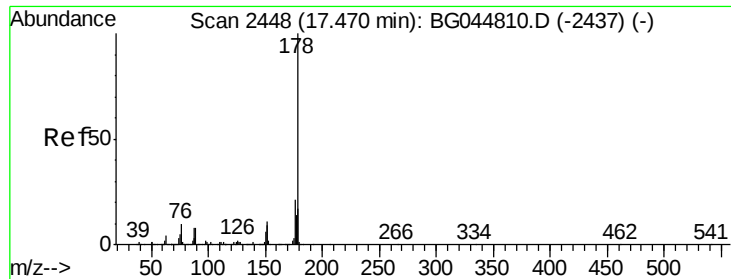
mohammad
3/18/2020 4:00:11 PM



#70
Pentachlorophenol
Concen: 89.753 ng
RT: 17.08 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.9	50.3	75.5
264	64.3	51.4	77.2





#71

Phenanthrene

Concen: 38.254 ng

RT: 17.47 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Instrument :

BNA_G

ClientSampleId :

PB127544BSD

Tot Ion:178 Resp: 1240837

Ion Ratio Lower Upper

178 100

176 21.3 16.6 24.8

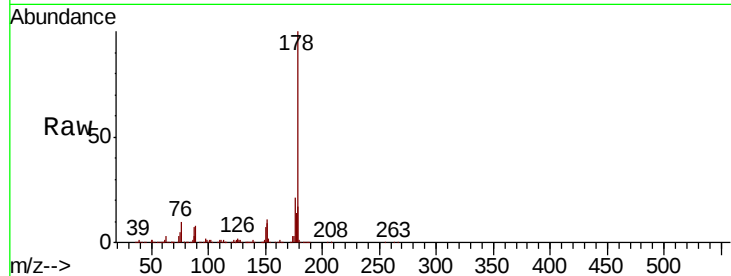
179 16.7 13.5 20.3

Manual Integrations

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mohammad

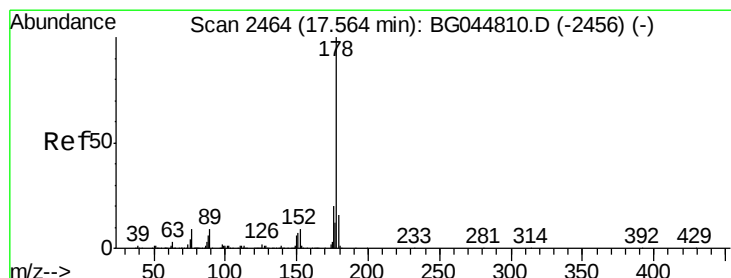
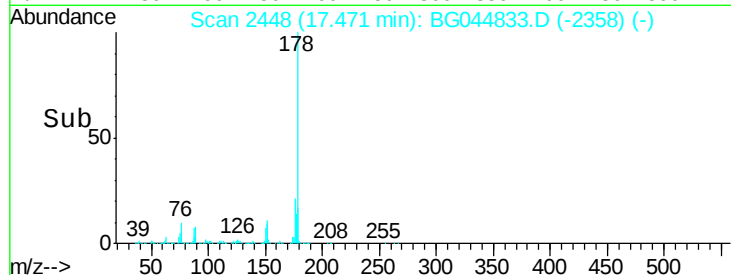
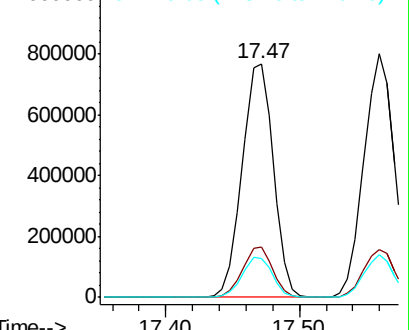
3/18/2020 4:00:11 PM



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: 39.199 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

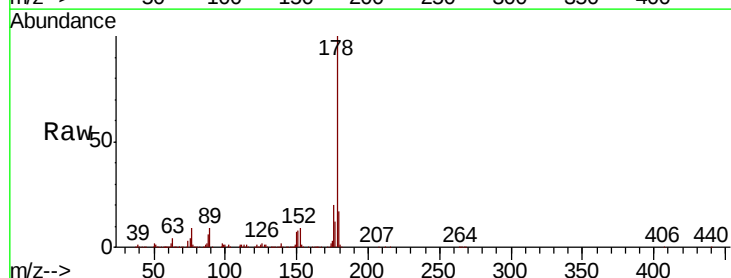
Tgt Ion:178 Resp: 1253766

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

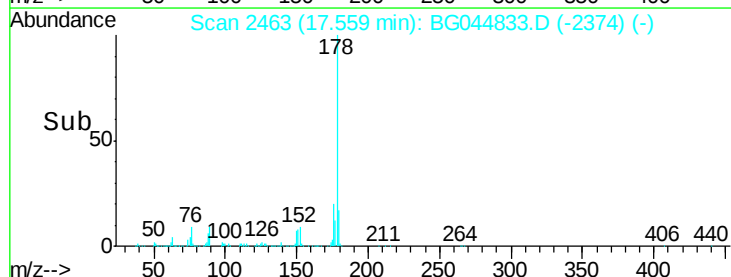
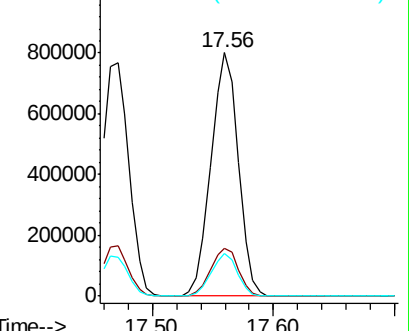
179 17.4 13.2 19.8

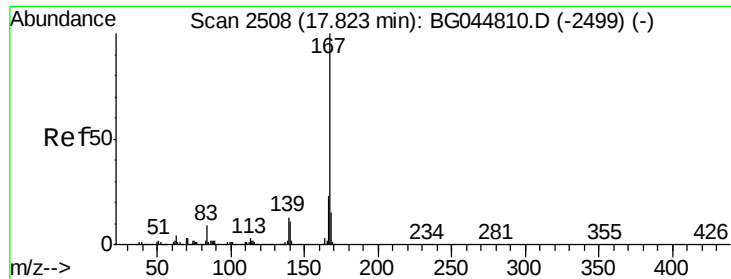


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





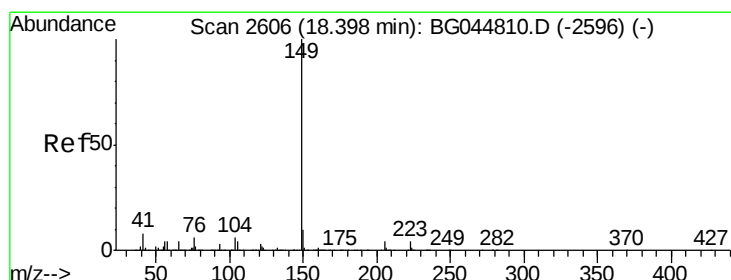
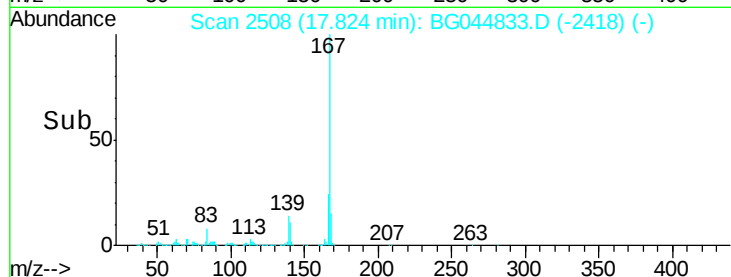
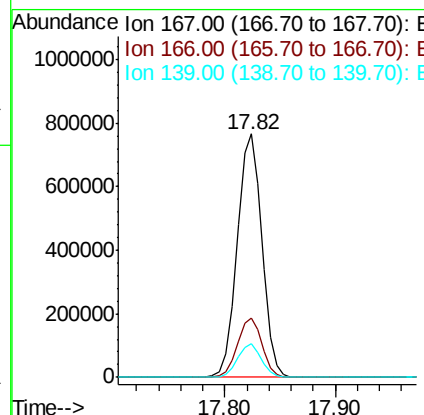
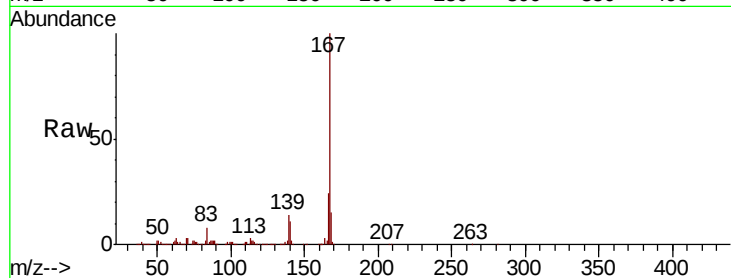
#73
 Carbazole
 Concen: 39.115 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG044833.D
 Acq: 17 Mar 2020 14:34

Instrument :
 BNA_G
 ClientSampleId :
 PB127544BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.3	18.8	28.2
139	13.8	10.8	16.2

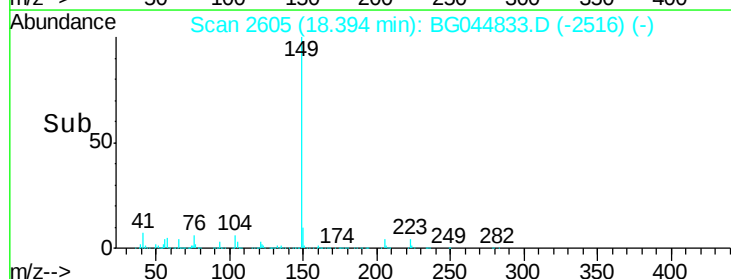
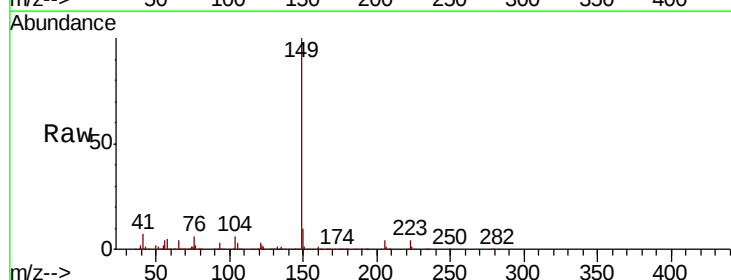
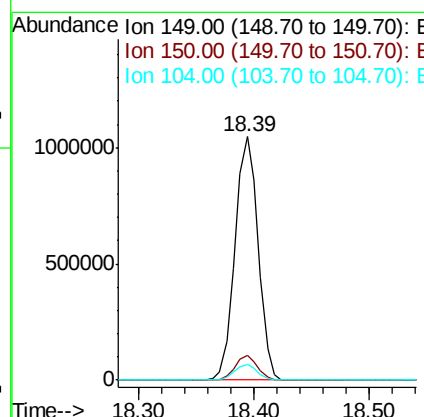
Manual Integrations
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 3/18/2020 4:00:11 PM



#74
 Di-n-butylphthalate
 Concen: 38.609 ng
 RT: 18.39 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: BG044833.D
 Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.1	12.1
104	6.5	5.0	7.4





#75

Fluoranthene

Concen: 39.200 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Instrument :

BNA_G

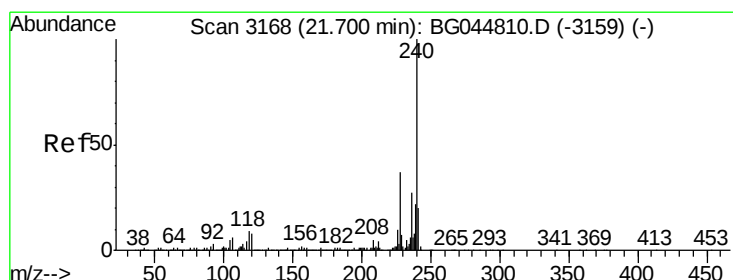
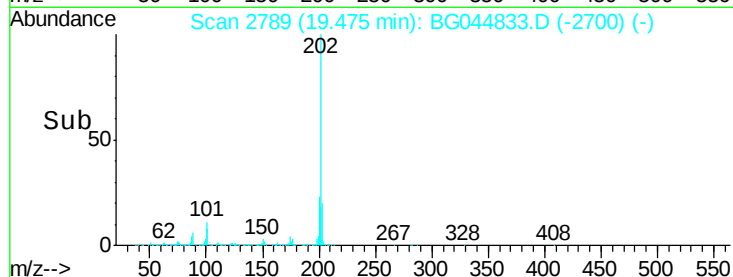
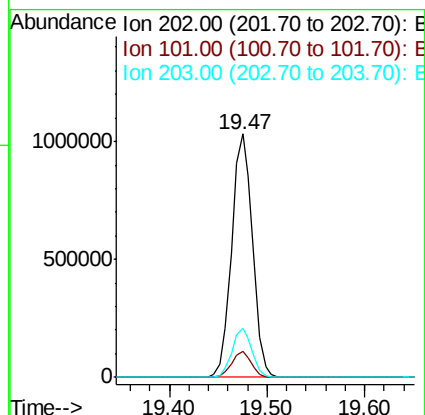
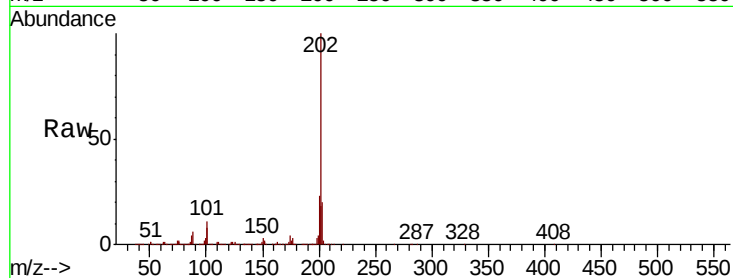
ClientSampleId :

PB127544BSD

Tot Ion:	202	Resp:	1513962
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	29.8
203	20.0	0.0	39.4

Manual Integrations
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mohammad
3/18/2020 4:00:11 PM



#76

Chrysene-d12

Concen: 20.000 ng

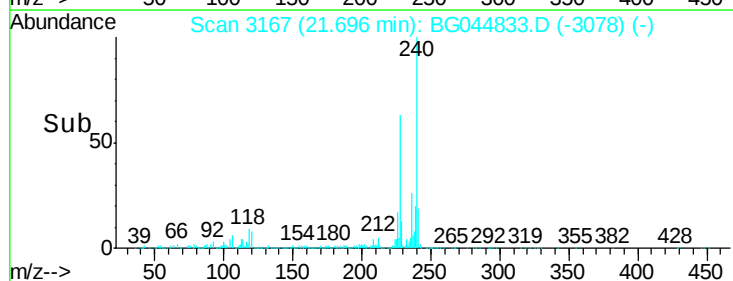
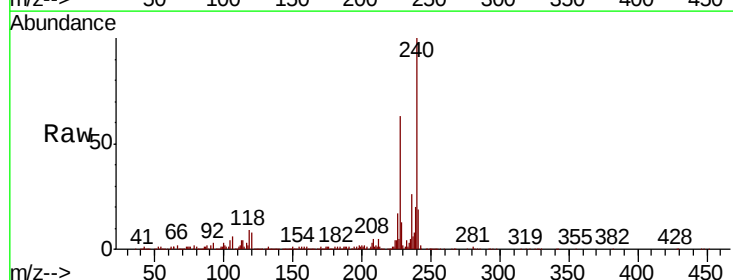
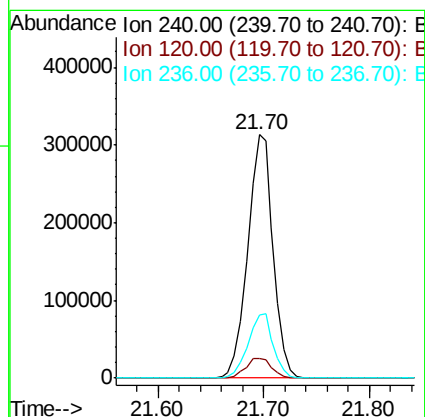
RT: 21.70 min Scan# 3167

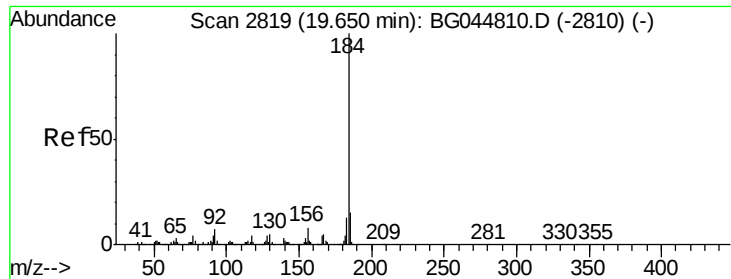
Delta R.T. -0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Tgt Ion:	240	Resp:	519198
Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.7	10.1
236	26.0	21.5	32.3





#77

Benzidine

Concen: 34.588 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Instrument :

BNA_G

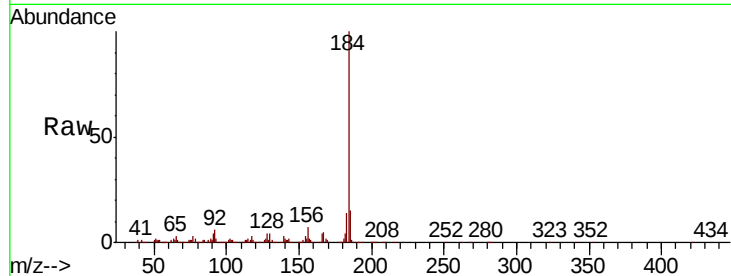
ClientSampleId :

PB127544BSD

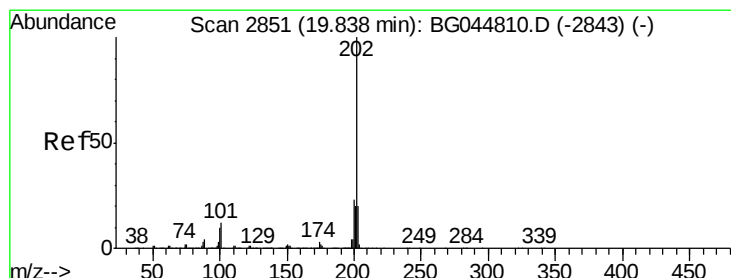
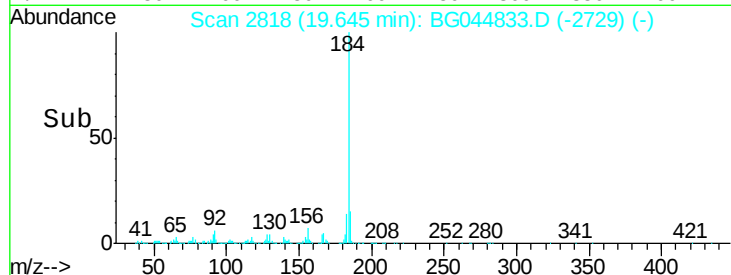
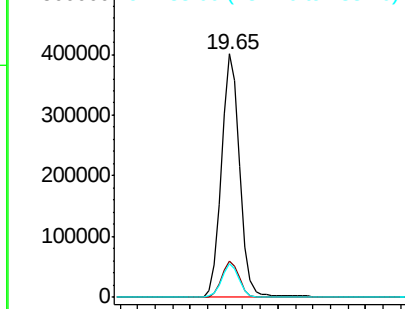
Tot Ion:	184	Resp:	582981
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.2	18.4
183	13.6	10.7	16.1

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



#78

Pyrene

Concen: 40.359 ng

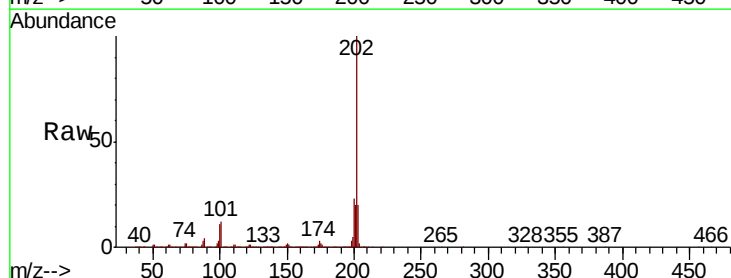
RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

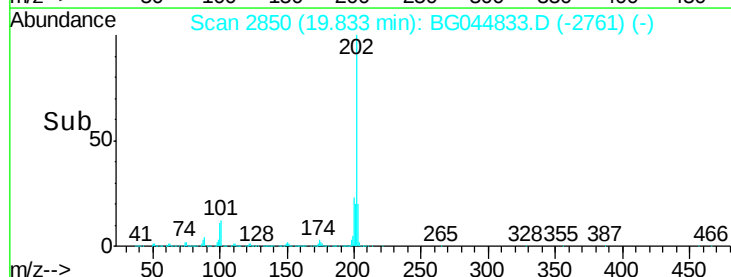
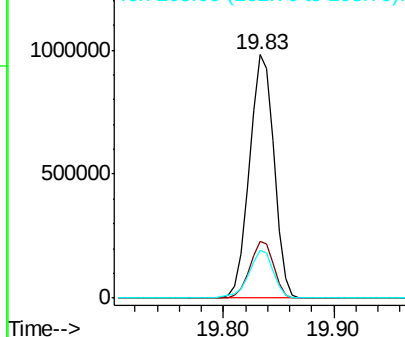
Lab File: BG044833.D

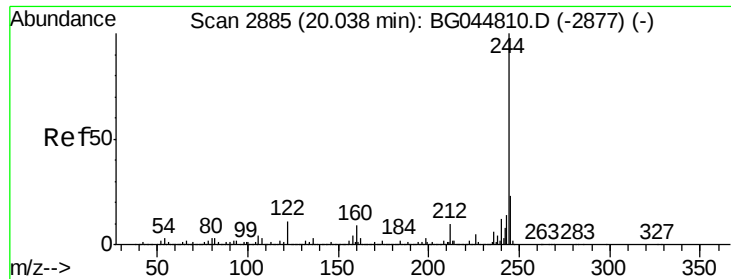
Acq: 17 Mar 2020 14:34

Tgt Ion:	202	Resp:	1537362
Ion Ratio	Lower	Upper	
202	100		
200	23.4	18.3	27.5
203	19.8	15.6	23.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.290 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Instrument :

BNA_G

ClientSampleId :

PB127544BSD

Tot Ion:244 Resp: 1867727

Ion Ratio Lower Upper

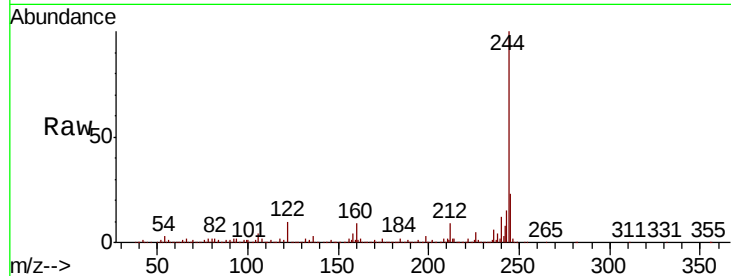
244 100

212 9.0 7.7 11.5

122 9.7 8.6 12.8

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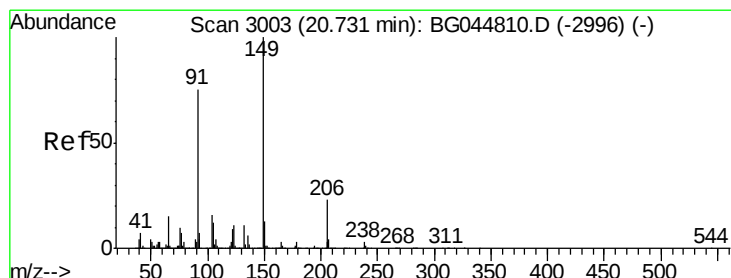
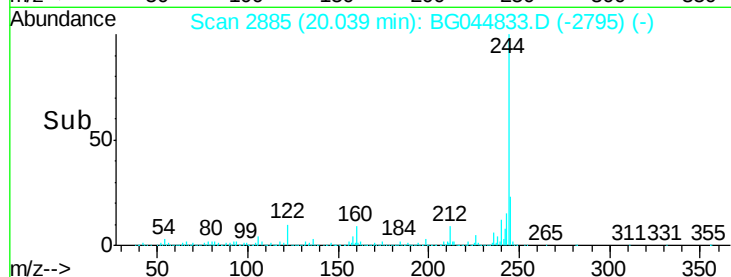
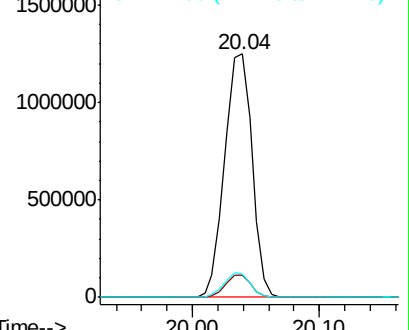
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.414 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

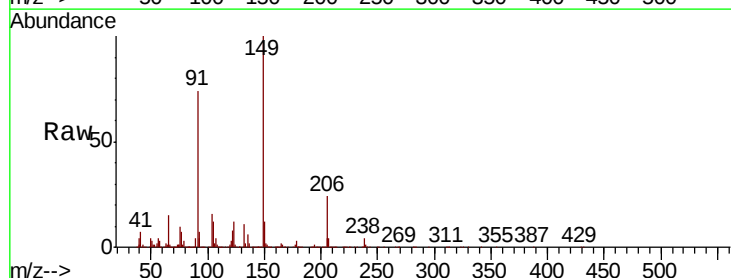
Tgt Ion:149 Resp: 634036

Ion Ratio Lower Upper

149 100

91 74.3 60.2 90.4

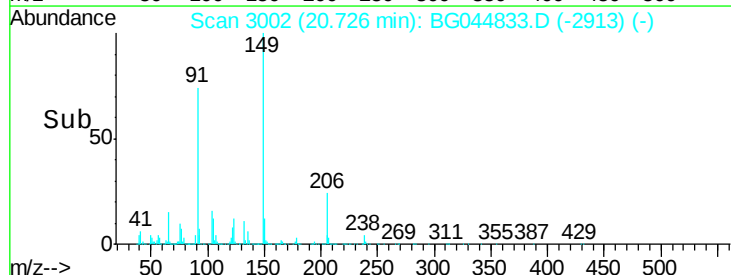
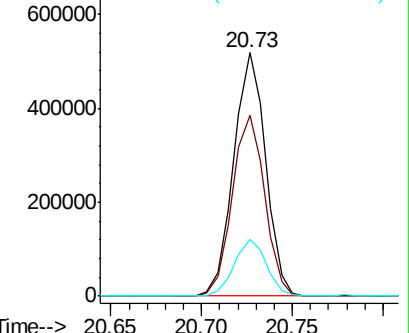
206 23.6 18.6 27.8

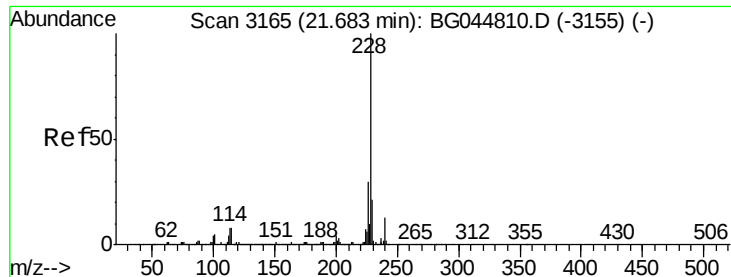


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.090 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Instrument :

BNA_G

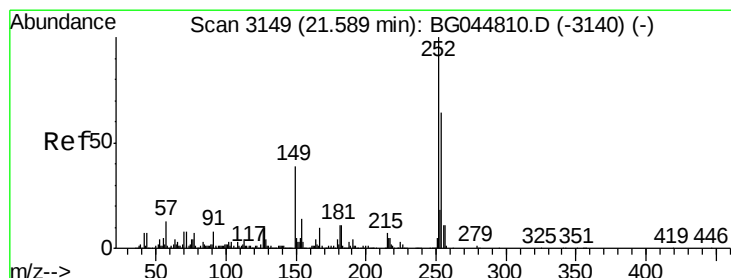
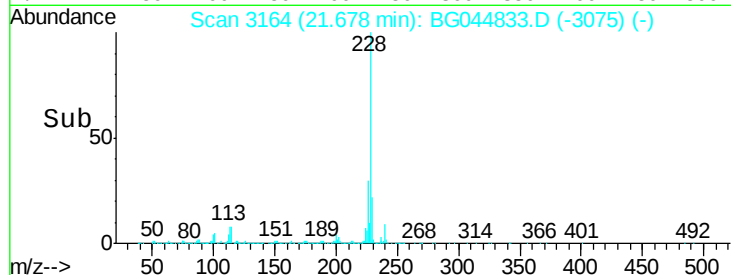
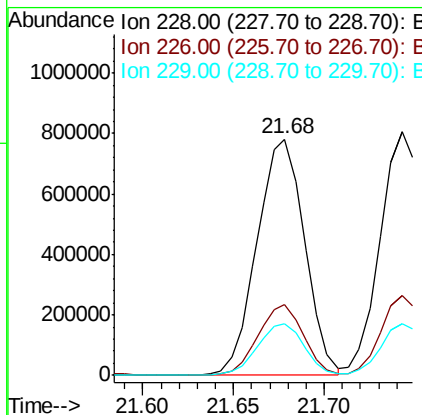
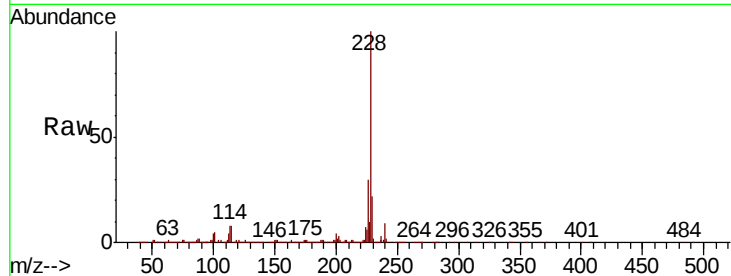
ClientSampleId :

PB127544BSD

Tot Ion:	228	Resp:	1424018
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.6	35.4
229	21.7	17.1	25.7

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#82

3,3'-Dichlorobenzidine

Concen: 29.029 ng

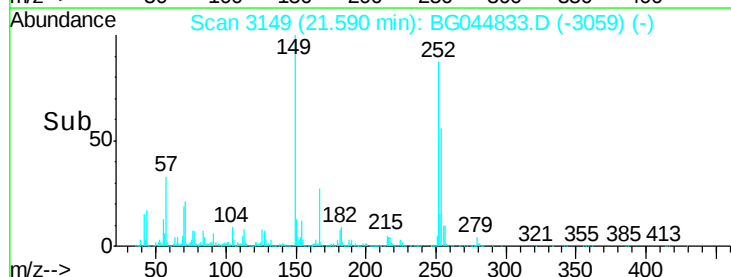
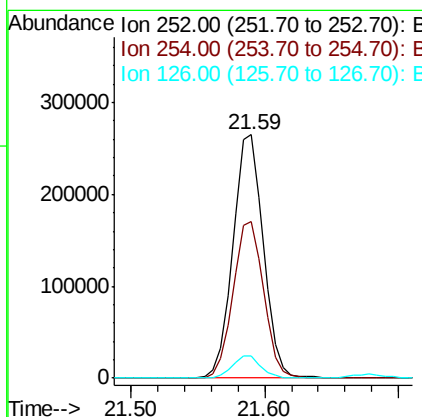
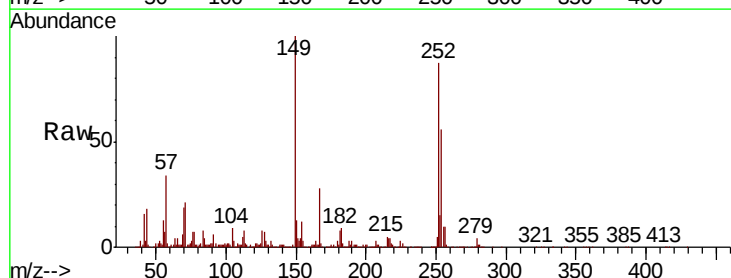
RT: 21.59 min Scan# 3149

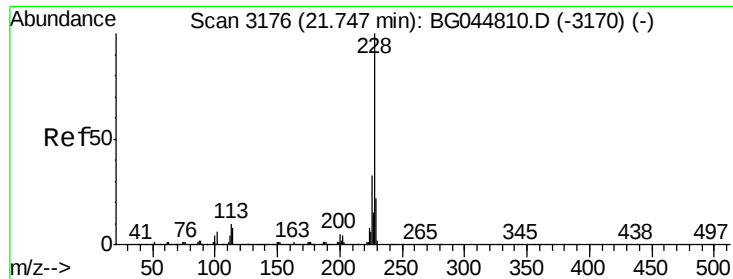
Delta R.T. 0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Tgt Ion:	252	Resp:	419855
Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.6	77.4
126	9.2	7.0	10.6





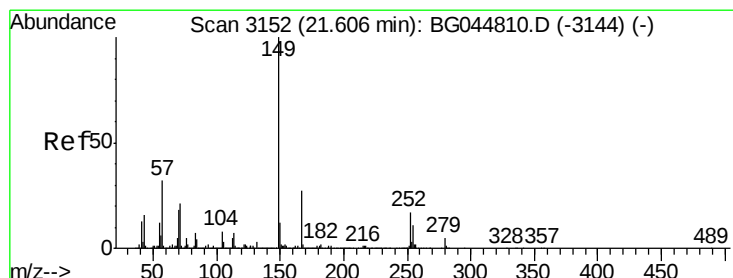
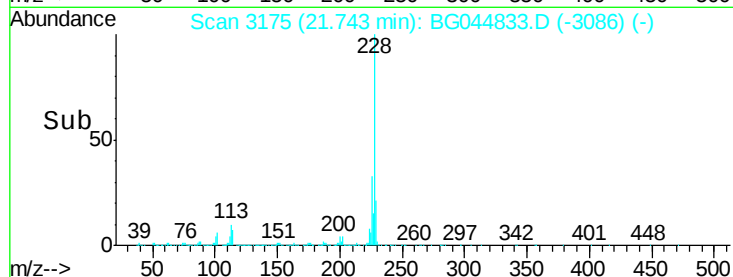
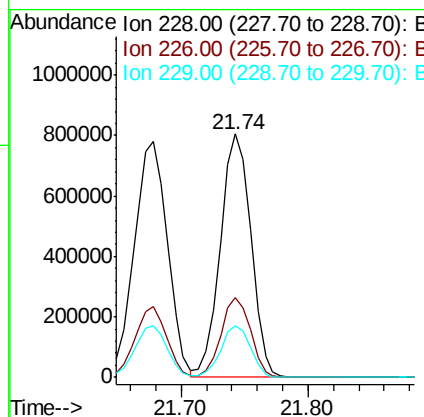
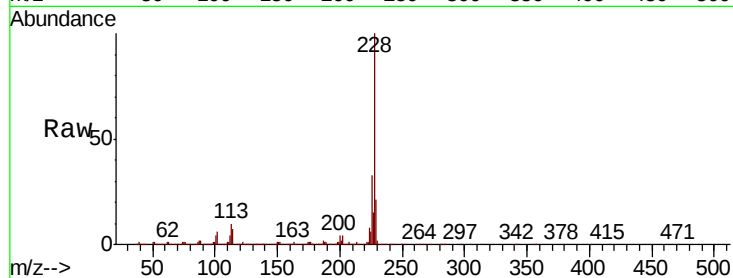
#83
Chrysene
Concen: 37.710 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

Tot Ion:228 Resp: 1346696
Ion Ratio Lower Upper
228 100
226 33.0 25.9 38.9
229 21.4 17.4 26.0

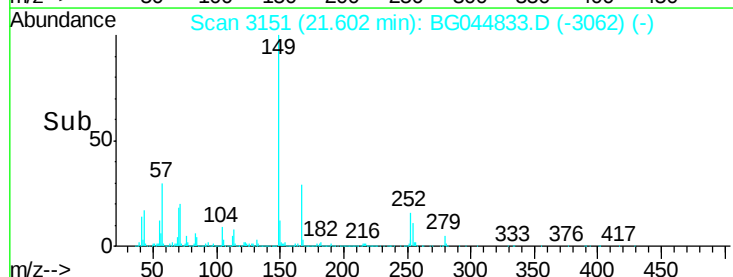
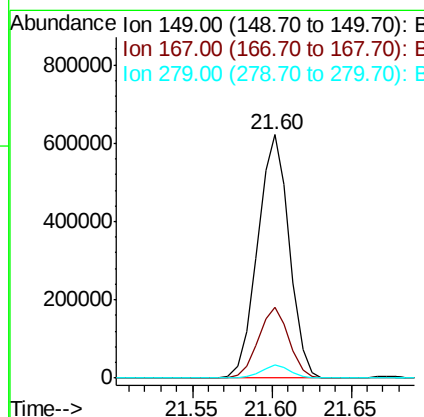
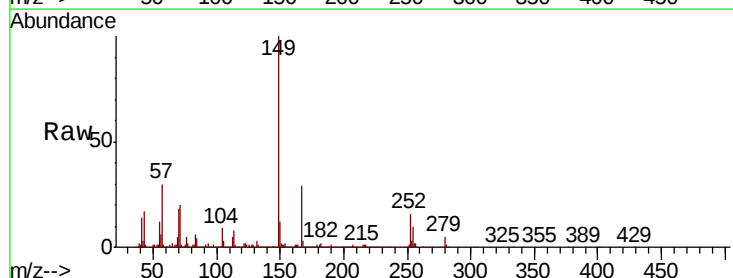
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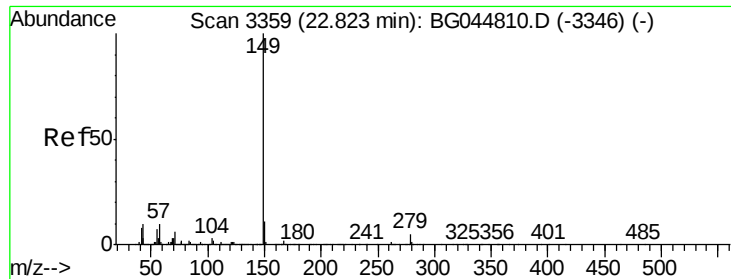
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#84
Bis(2-ethylhexyl)phthalate
Concen: 36.736 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion:149 Resp: 859188
Ion Ratio Lower Upper
149 100
167 29.3 21.8 32.6
279 5.4 3.8 5.6





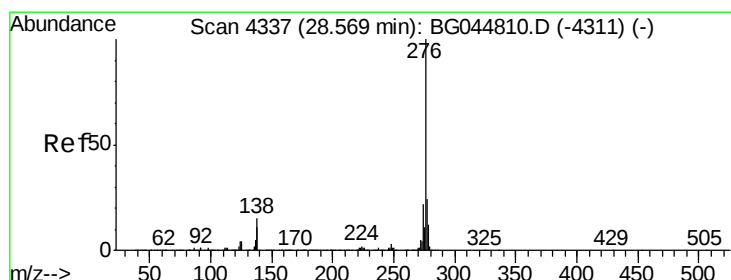
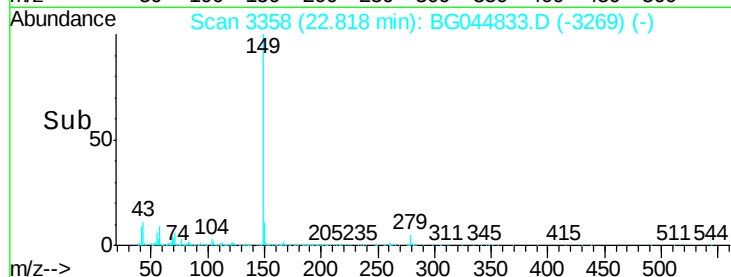
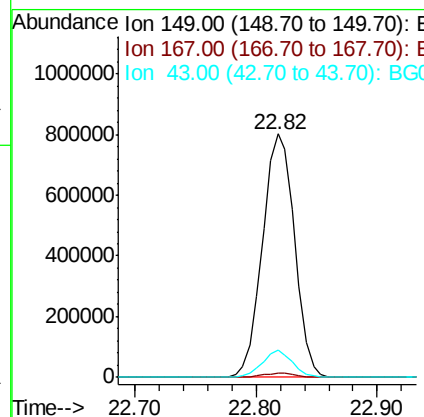
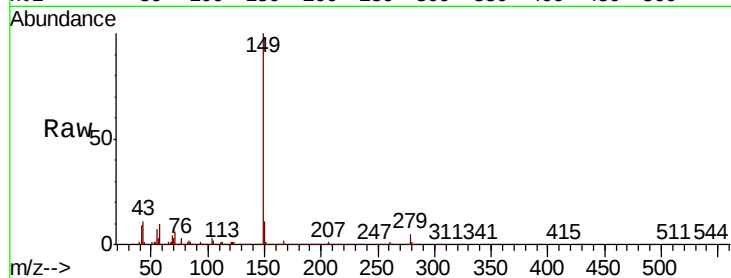
#85
Di-n-octyl phthalate
Concen: 37.743 ng
RT: 22.82 min Scan# 3358
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.3	8.2	12.4

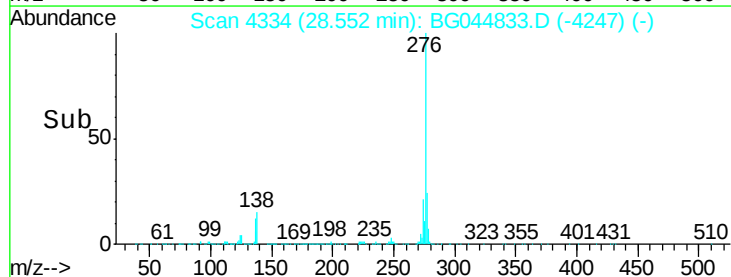
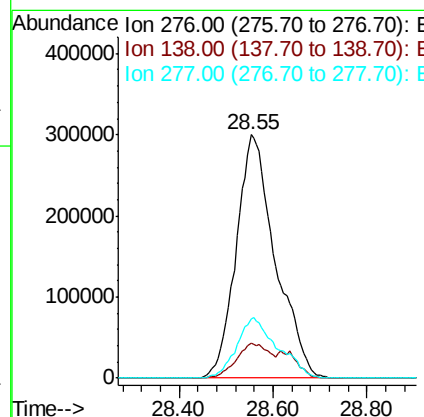
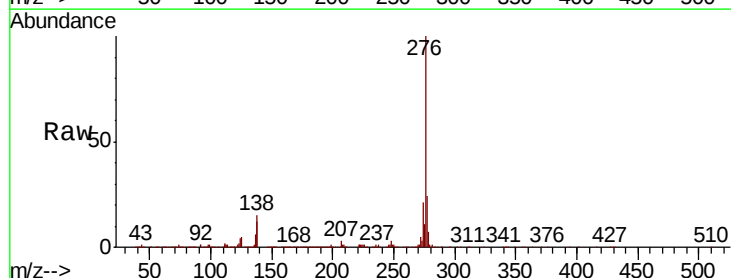
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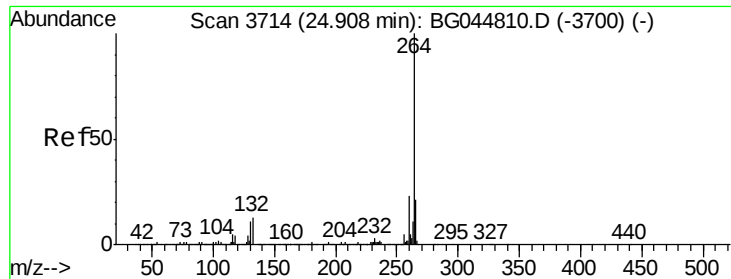
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#86
Indeno(1,2,3-cd)pyrene
Concen: 36.971 ng
RT: 28.55 min Scan# 4334
Delta R.T. -0.02 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.2	7.4	11.0#
277	26.0	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3713

Delta R.T. -0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Instrument :

BNA_G

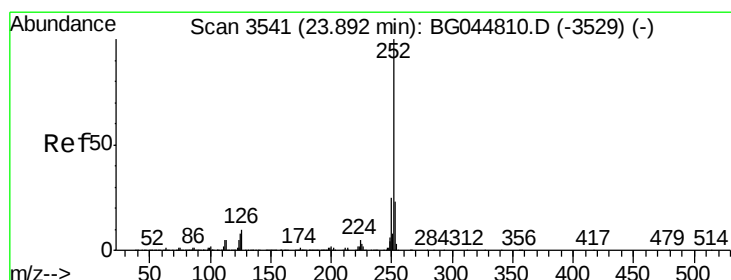
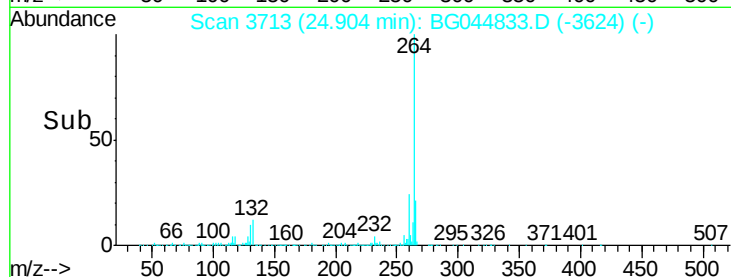
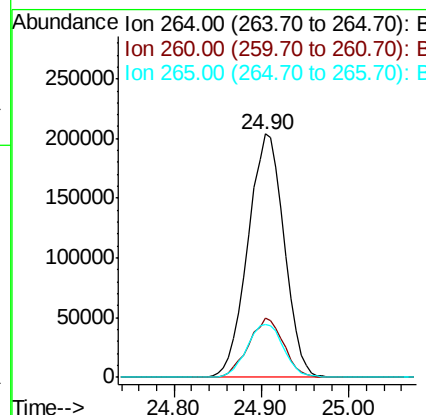
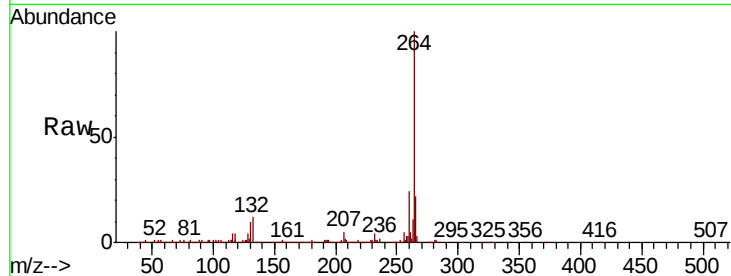
ClientSampleId :

PB127544BSD

Tot Ion:	264	Resp:	573452
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.1	27.1
265	21.7	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 39.707 ng

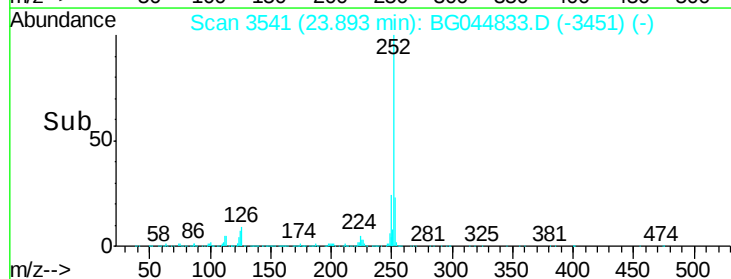
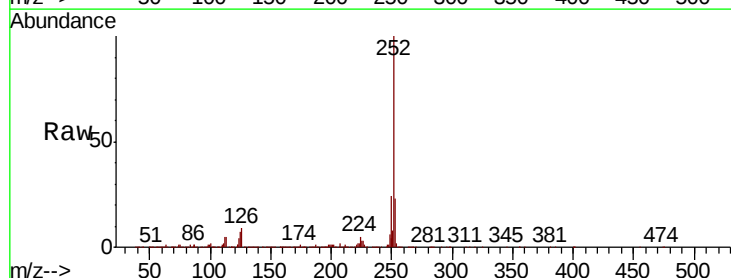
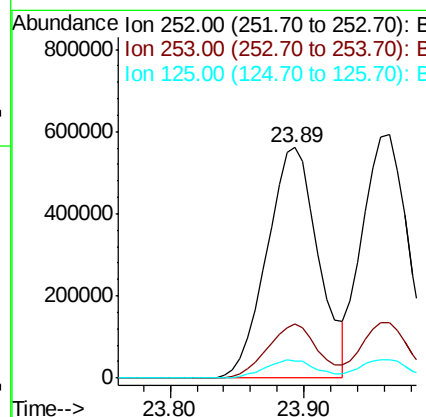
RT: 23.89 min Scan# 3541

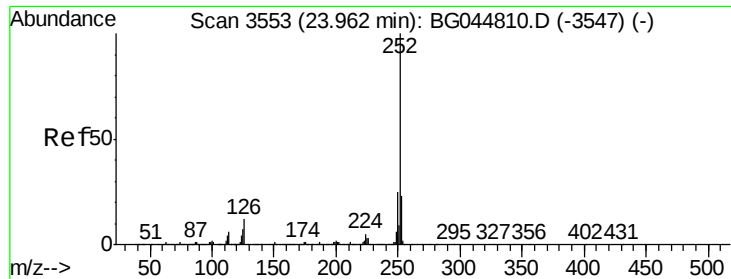
Delta R.T. 0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Tgt Ion:	252	Resp:	1503222
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.1	27.1
125	7.4	6.6	9.8





#89

Benzo(k)fluoranthene

Concen: 38.932 ng

RT: 23.96 min Scan# 3553

Delta R.T. 0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Instrument :

BNA_G

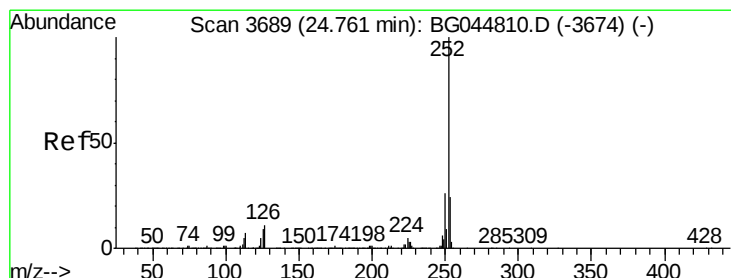
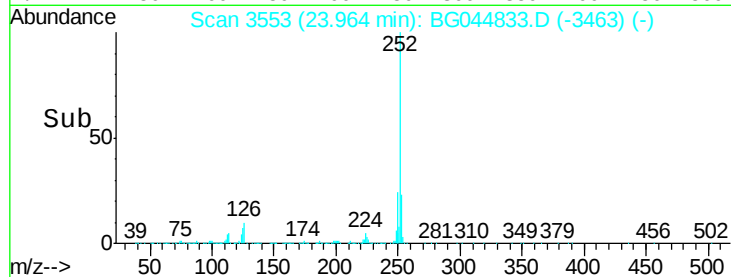
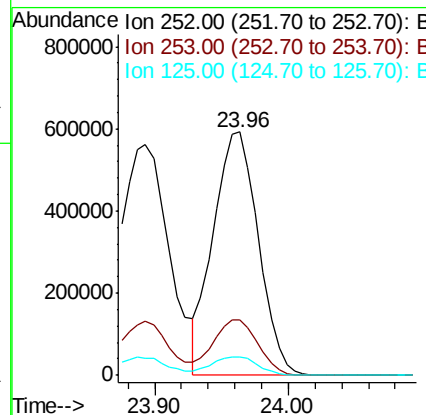
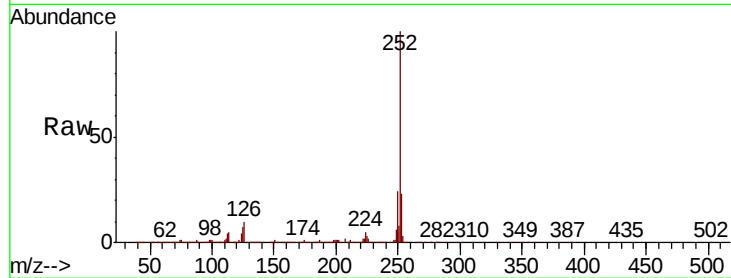
ClientSampleId :

PB127544BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	7.5	6.2	9.2

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#90

Benzo(a)pyrene

Concen: 38.050 ng

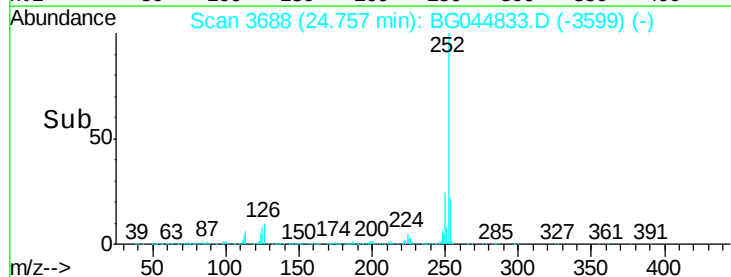
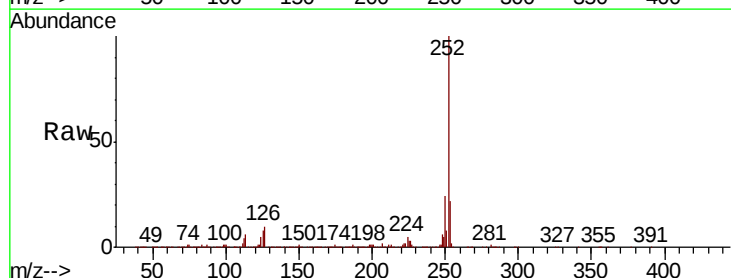
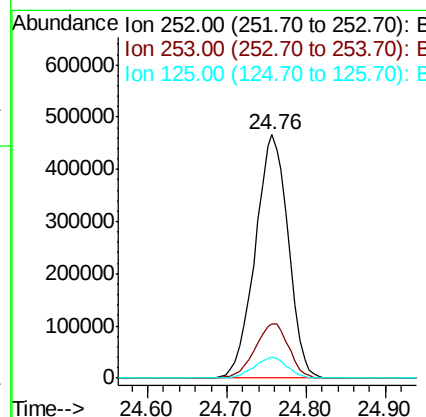
RT: 24.76 min Scan# 3688

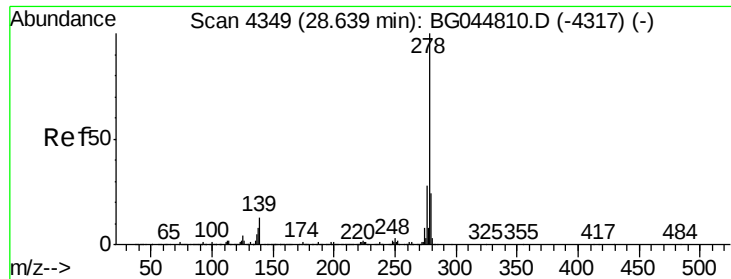
Delta R.T. -0.00 min

Lab File: BG044833.D

Acq: 17 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.4	29.0
125	8.5	7.2	10.8





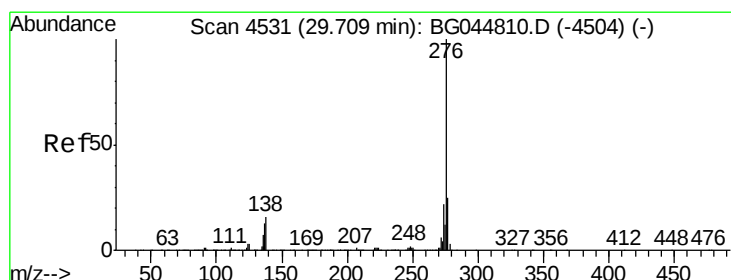
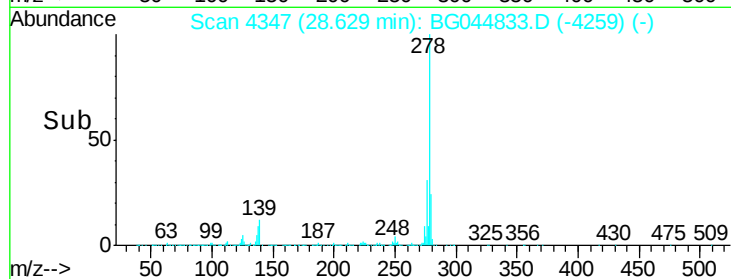
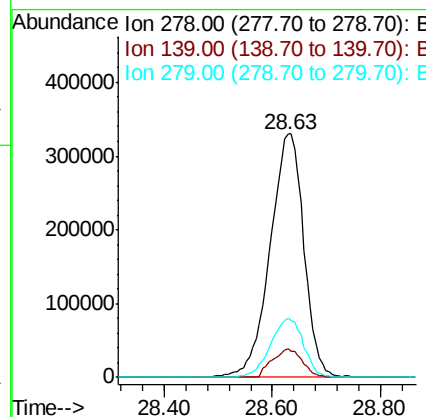
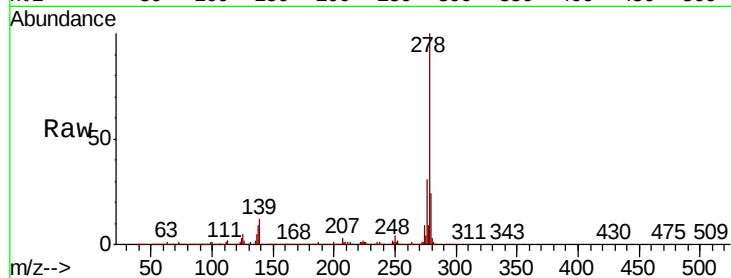
#91
Dibenzo(a,h)anthracene
Concen: 40.782 ng
RT: 28.63 min Scan# 4347
Delta R.T. -0.01 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Instrument :
BNA_G
ClientSampleId :
PB127544BSD

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	11.8	10.2	15.2	
279	24.5	18.9	28.3	

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#92
Benzo(g,h,i)perylene
Concen: 40.662 ng
RT: 29.70 min Scan# 4530
Delta R.T. -0.00 min
Lab File: BG044833.D
Acq: 17 Mar 2020 14:34

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.6	20.1	30.1	
138	14.4	13.0	19.6	

