

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044845.D
 Acq On : 17 Mar 2020 23:08
 Operator : CG/JU
 Sample : L1922-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-2MSD

Manual Integrations
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mohammad
 3/18/2020 4:00:25 PM

Quant Time: Mar 18 02:42:46 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	94490	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	360035	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	253428	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	564876	20.00	ng	0.00
76) Chrysene-d12	21.70	240	472567	20.00	ng	0.00
87) Perylene-d12	24.90	264	538466	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	607898	100.15	ng	0.00
7) Phenol-d6	7.21	99	763290	86.55	ng	0.00
23) Nitrobenzene-d5	9.21	82	616677	75.16	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	420110	126.61	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1326165	74.94	ng	0.00
79) Terphenyl-d14	20.03	244	2068426	81.87	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	85403	29.218	ng	# 17
3) Pyridine	3.93	79	188589	21.794	ng	98
4) n-Nitrosodimethylamine	3.83	42	114724	34.943	ng	# 81
6) Aniline	7.37	93	109664	9.993	ng	# 94
8) 2-Chlorophenol	7.61	128	270917	44.711	ng	94
9) Benzaldehyde	7.18	77	231970	44.610	ng	98
10) Phenol	7.23	94	301586	34.541	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	265467	38.097	ng	97
12) 1,3-Dichlorobenzene	7.94	146	297996	39.923	ng	96
13) 1,4-Dichlorobenzene	8.08	146	292086	39.582	ng	97
14) 1,2-Dichlorobenzene	8.41	146	276247	39.472	ng	94
15) Benzyl Alcohol	8.28	79	284108	40.151	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	395370	32.152	ng	99
17) 2-Methylphenol	8.49	107	238917	40.396	ng	99
18) Hexachloroethane	9.14	117	116694	40.167	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	236279	37.943	ng	95
20) 3+4-Methylphenols	8.81	107	327393	40.156	ng	95
22) Acetophenone	8.86	105	424027	41.572	ng	98
24) Nitrobenzene	9.25	77	350674	41.191	ng	99
25) Isophorone	9.78	82	651408	40.679	ng	97
26) 2-Nitrophenol	9.96	139	151755	50.961	ng	98
27) 2,4-Dimethylphenol	10.02	122	259030	49.673	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	370996	38.822	ng	99
29) 2,4-Dichlorophenol	10.50	162	273713	44.938	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	296016	40.645	ng	93
31) Naphthalene	10.90	128	830528	41.642	ng	98
32) Benzoic acid	10.15	122	134788	36.165	ng	95
33) 4-Chloroaniline	11.00	127	21074	2.345	ng	# 92
34) Hexachlorobutadiene	11.20	225	195001	40.715	ng	97
35) Caprolactam	11.77	113	69960m	30.337	ng	
36) 4-Chloro-3-methylphenol	12.13	107	332567	45.781	ng	98
37) 2-Methylnaphthalene	12.51	142	622619	41.733	ng	97
38) 1-Methylnaphthalene	12.73	142	593975	42.349	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	333897	40.006	ng	100

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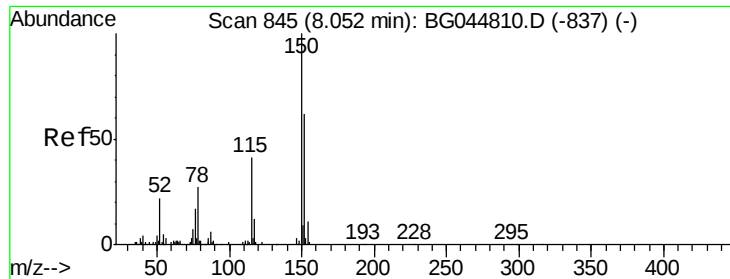
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Quant Time: Mar 18 02:42:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	357180	78.308	nq	98
43) 2,4,6-Trichlorophenol	13.11	196	248505	44.865	nq	99
44) 2,4,5-Trichlorophenol	13.18	196	269156	46.857	nq	97
46) 1,1'-Biphenyl	13.51	154	792460	39.130	nq	98
47) 2-Chloronaphthalene	13.55	162	614165	39.698	nq	99
48) 2-Nitroaniline	13.75	65	224587	41.465	nq	95
49) Acenaphthylene	14.40	152	1012699	41.783	nq	97
50) Dimethylphthalate	14.14	163	936953	46.420	nq	99
51) 2,6-Dinitrotoluene	14.24	165	191105	46.971	nq	96
52) Acenaphthene	14.75	154	724041	45.614	nq	99
53) 3-Nitroaniline	14.56	138	26004	5.559	nq	# 96
54) 2,4-Dinitrophenol	14.78	184	182095	85.062	nq	90
55) Dibenzofuran	15.08	168	968617	42.080	nq	98
56) 4-Nitrophenol	14.88	139	286626	80.290	nq	95
57) 2,4-Dinitrotoluene	15.03	165	263428	47.210	nq	99
58) Fluorene	15.73	166	792549	41.856	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	252901	47.821	nq	95
60) Diethylphthalate	15.50	149	845551	40.165	nq	100
61) 4-Chlorophenyl-phenylether	15.72	204	427683	41.947	nq	99
62) 4-Nitroaniline	15.73	138	164943	33.069	nq	93
63) Azobenzene	16.02	77	859859	39.332	nq	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	135142	50.382	nq	96
66) n-Nitrosodiphenylamine	15.93	169	725831	42.679	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	294655	41.725	nq	96
68) Hexachlorobenzene	16.74	284	332270	43.370	nq	99
69) Atrazine	16.88	200	289035	46.388	nq	98
70) Pentachlorophenol	17.08	266	403202	95.652	nq	99
71) Phenanthrene	17.47	178	1280782	42.430	nq	100
72) Anthracene	17.56	178	1314775	44.172	nq	99
73) Carbazole	17.82	167	1220640	42.692	nq	97
74) Di-n-butylphthalate	18.39	149	1438029	41.375	nq	100
75) Fluoranthene	19.48	202	1522753	42.367	nq	99
77) Benzidine	19.65	184	250390	16.321	nq	99
78) Pyrene	19.83	202	1507648	43.485	nq	98
80) Butylbenzylphthalate	20.73	149	643949	41.749	nq	98
81) Benzo(a)anthracene	21.67	228	1464157	43.028	nq	100
82) 3,3'-Dichlorobenzidine	21.59	252	130882	9.942	nq	97
83) Chrysene	21.74	228	1379429	42.438	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	894168	42.005	nq	98
85) Di-n-octyl phthalate	22.81	149	1511881	42.442	nq	100
86) Indeno(1,2,3-cd)pyrene	28.56	276	1826121	42.852	nq	# 97
88) Benzo(b)fluoranthene	23.89	252	1553073	43.689	nq	99
89) Benzo(k)fluoranthene	23.96	252	1471894	43.753	nq	99
90) Benzo(a)pyrene	24.75	252	1398105	42.032	nq	99
91) Dibenzo(a,h)anthracene	28.63	278	1494838	45.553	nq	98
92) Benzo(g,h,i)perylene	29.69	276	1522184	45.912	nq	97

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



#1

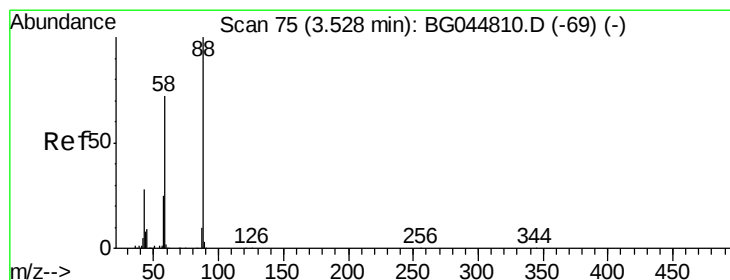
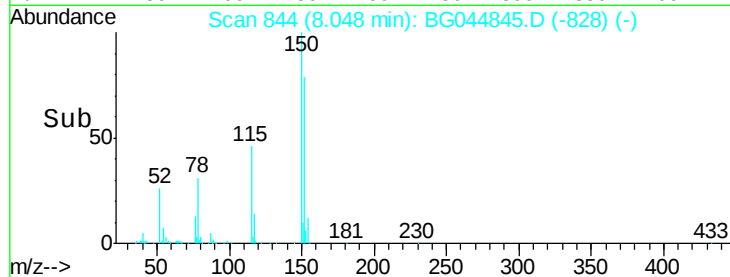
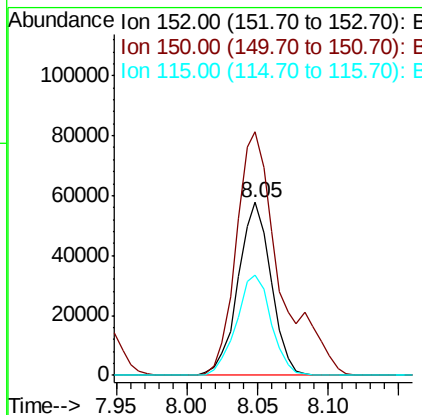
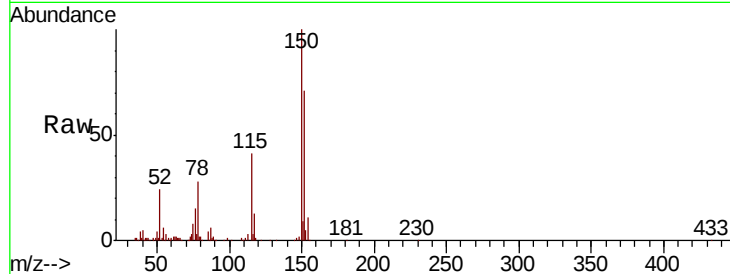
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
P-2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.1	128.8	193.2
115	58.4	52.6	79.0

Manual Integrations
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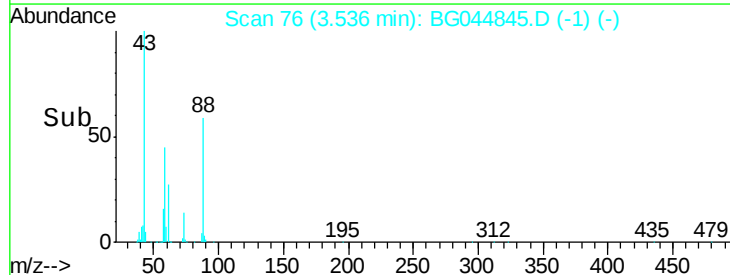
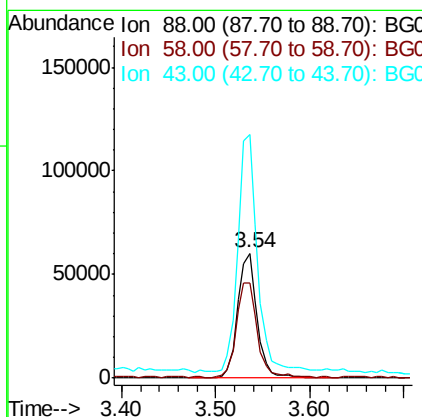
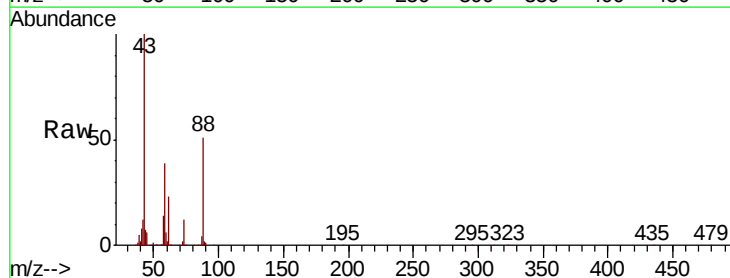
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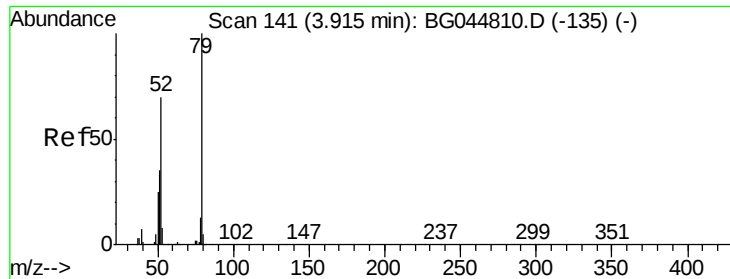


#2

1,4-Dioxane
Concen: 29.218 ng
RT: 3.54 min Scan# 76
Delta R.T. 0.01 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.2	63.0	94.4
43	189.3	24.8	37.2#





#3

Pvridine

Concen: 21.794 ng

RT: 3.93 min Scan# 143

Delta R.T. 0.01 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Instrument :

BNA_G

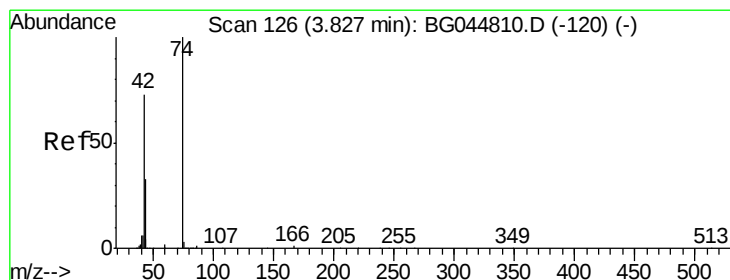
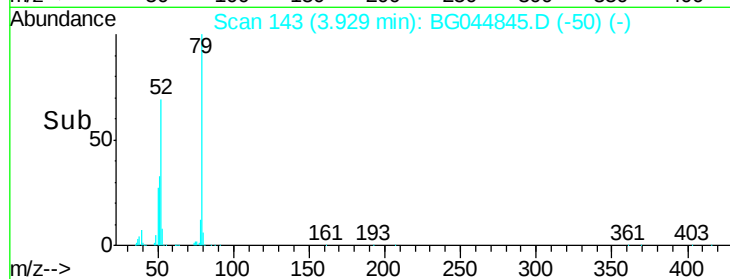
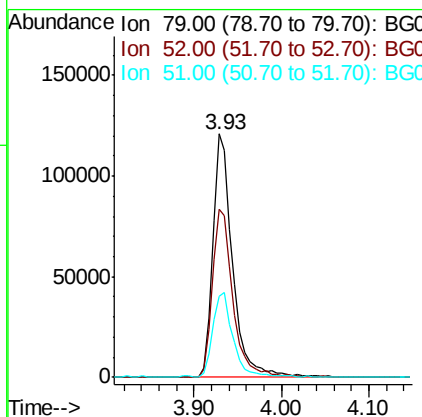
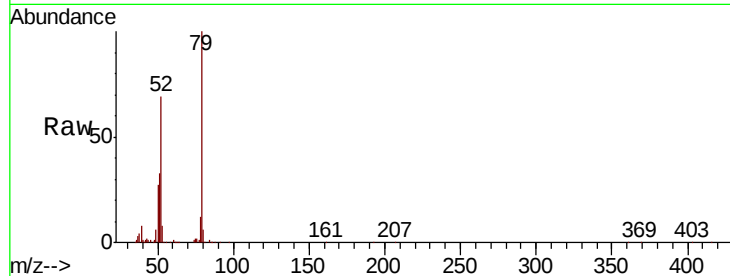
ClientSampleId :

P-2MSD

Tot Ion:	79	Resp:	188589
Ion	Ratio	Lower	Upper
79	100		
52	69.0	56.3	84.5
51	33.2	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 34.943 ng

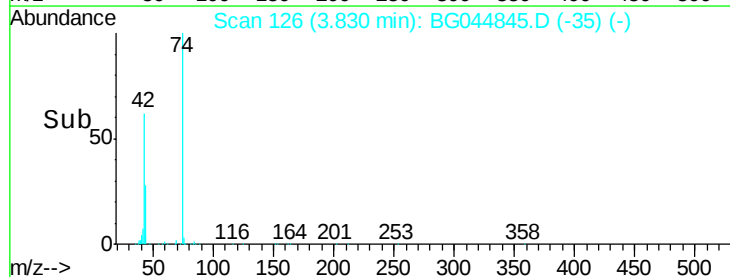
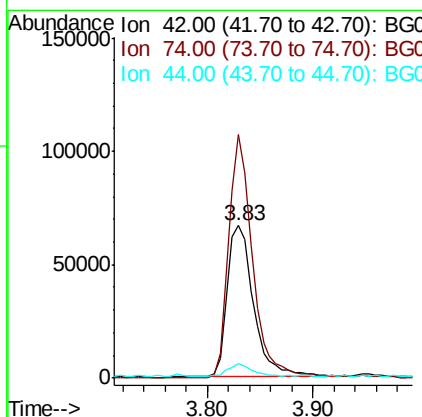
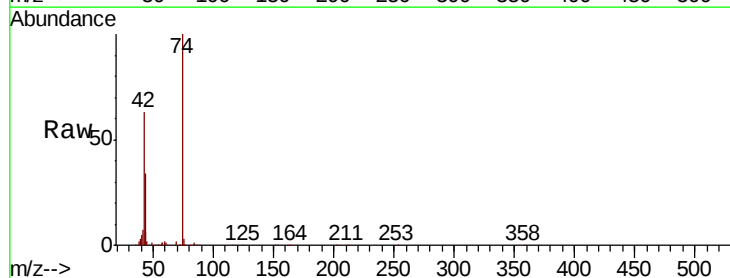
RT: 3.83 min Scan# 126

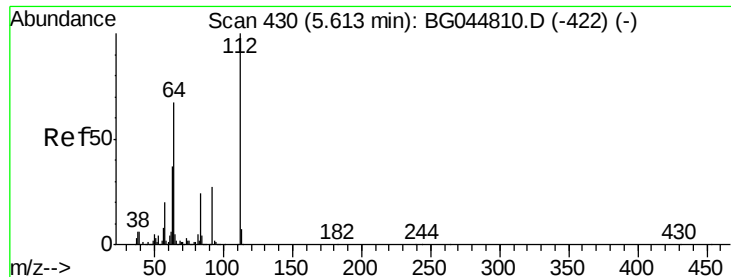
Delta R.T. 0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Tgt Ion:	42	Resp:	114724
Ion	Ratio	Lower	Upper
42	100		
74	160.0	109.1	163.7
44	9.5	5.4	8.2#





#5

2-Fluorophenol

Concen: 100.149 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Instrument :

BNA_G

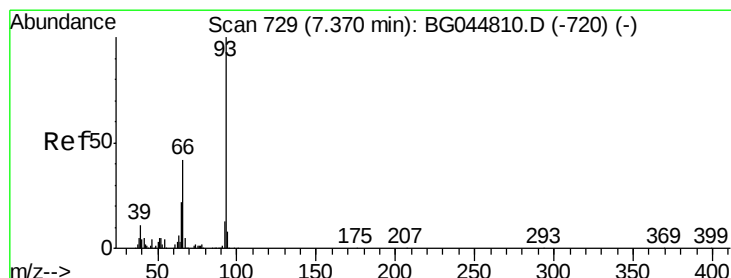
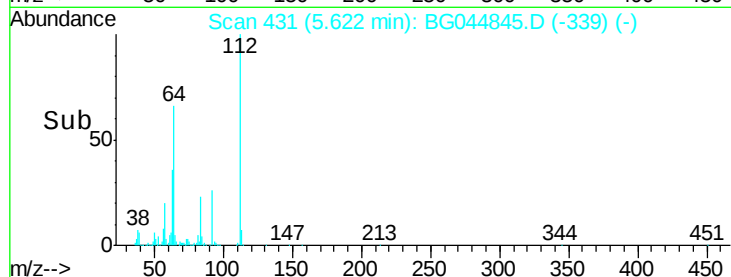
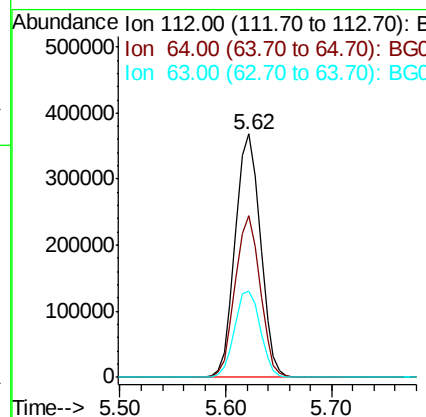
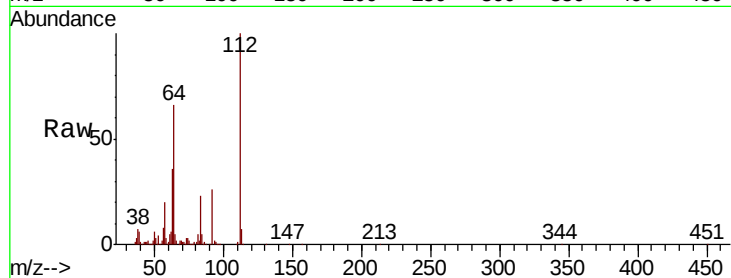
ClientSampleId :

P-2MSD

Tot Ion:	112	Resp:	607898
Ion Ratio	Lower	Upper	
112	100		
64	66.2	53.4	80.2
63	35.6	29.4	44.2

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#6

Aniline

Concen: 9.993 ng

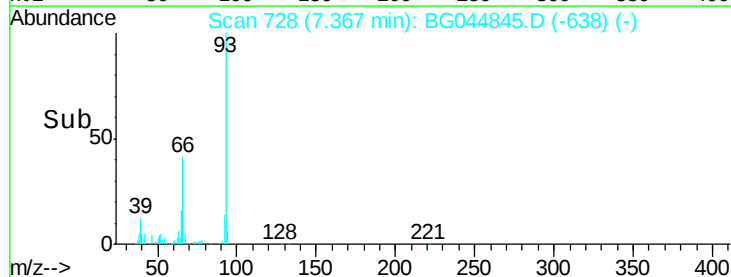
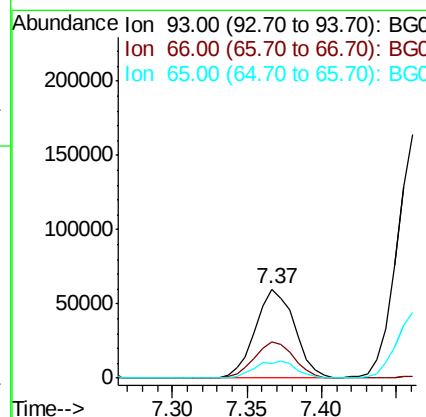
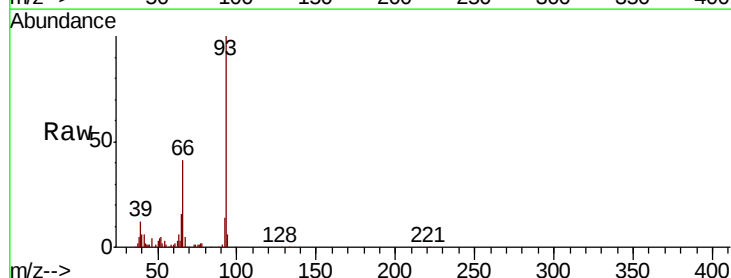
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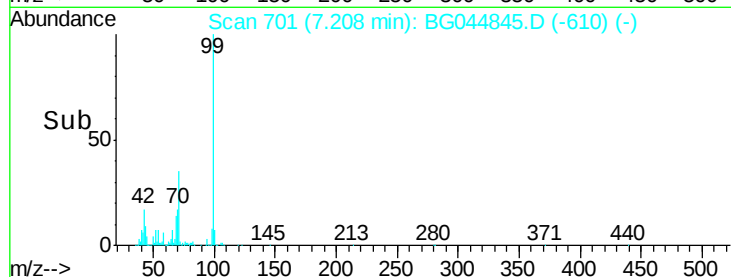
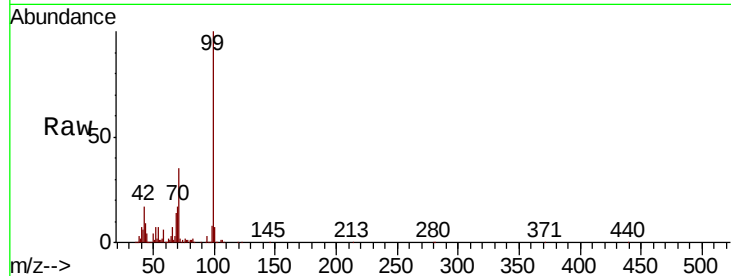
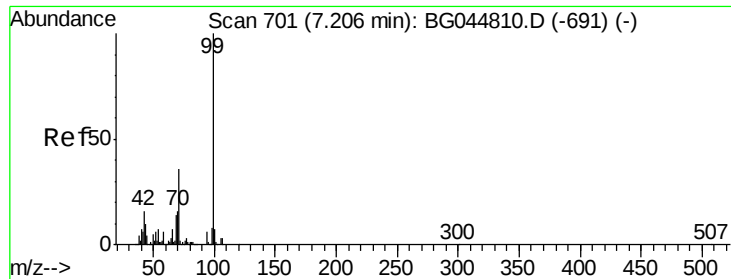
Delta R.T. -0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Tgt Ion:	93	Resp:	109664
Ion Ratio	Lower	Upper	
93	100		
66	40.5	33.7	50.5
65	16.2	17.7	26.5#





#7

Phenol-d6

Concen: 86.549 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Tot Ion:	99	Resp:	763290
Ion Ratio	Lower	Upper	
99	100		
42	16.6	12.6	19.0
71	35.2	29.0	43.4

Instrument :

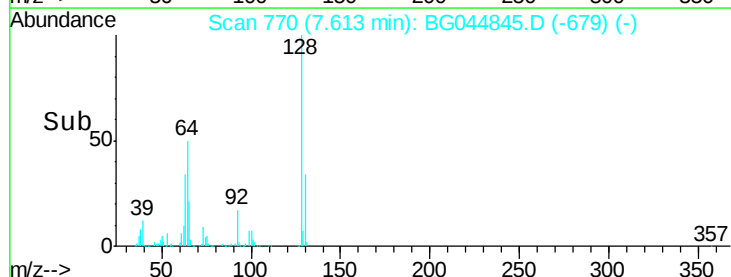
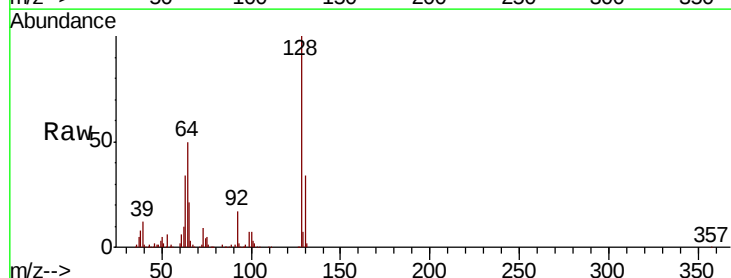
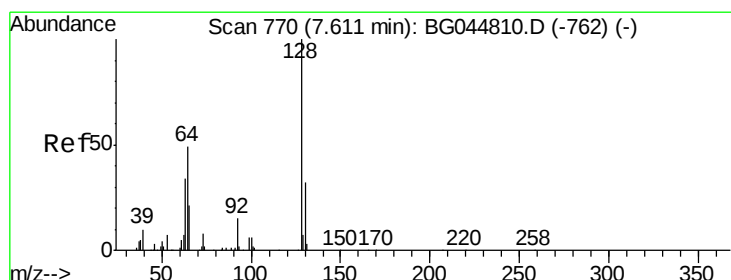
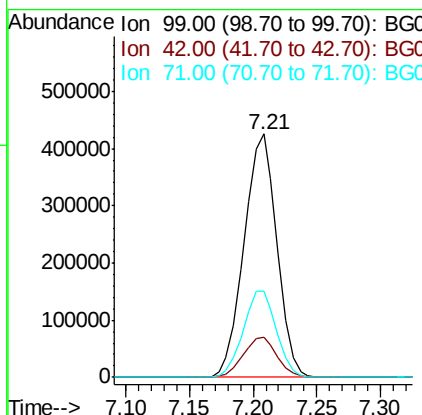
BNA_G

ClientSampled :

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#8

2-Chlorophenol

Concen: 44.711 ng

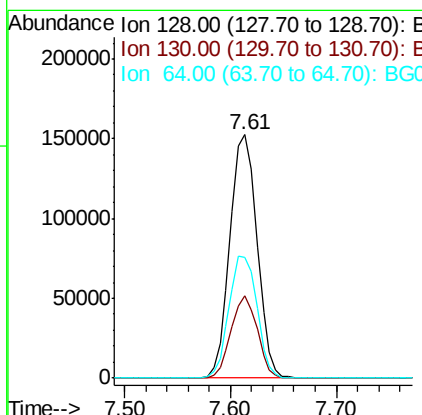
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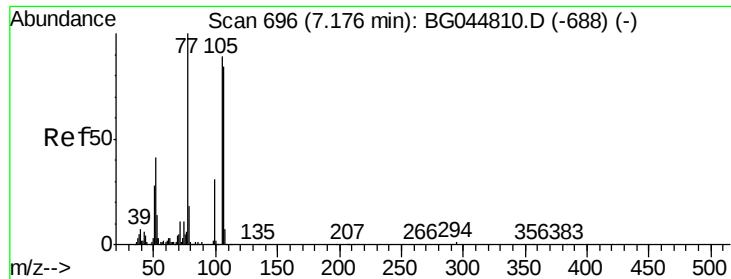
Delta R.T. 0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Tgt Ion:	128	Resp:	270917
Ion Ratio	Lower	Upper	
128	100		
130	33.8	11.6	51.6
64	49.5	34.5	74.5





#9

Benzaldehyde

Concen: 44.610 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Instrument :

BNA_G

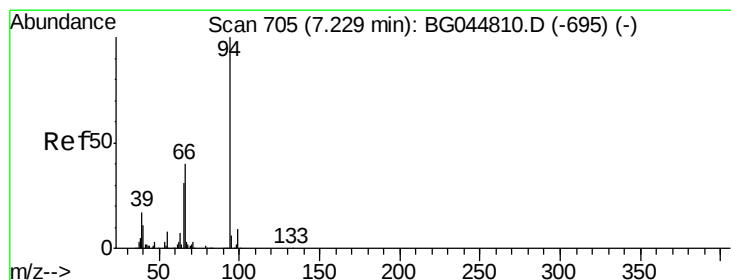
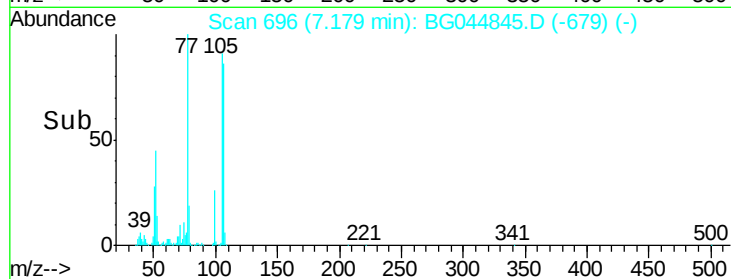
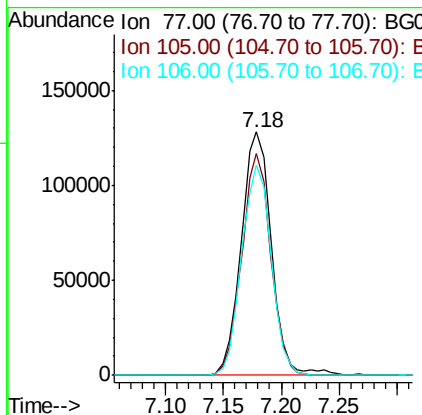
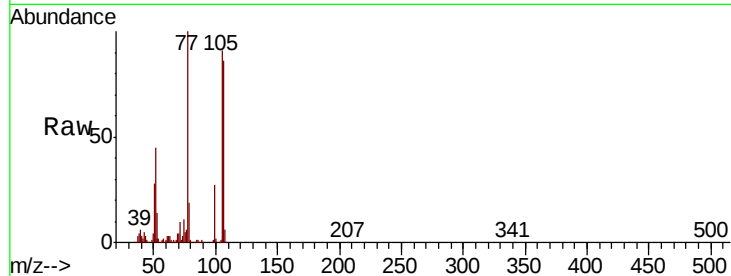
ClientSampleId :

P-2MSD

Tot Ion:	77	Resp:	231970
Ion	Ratio	Lower	Upper
77	100		
105	91.2	69.3	109.3
106	86.2	64.5	104.5

Manual Integrations
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#10

Phenol

Concen: 34.541 ng

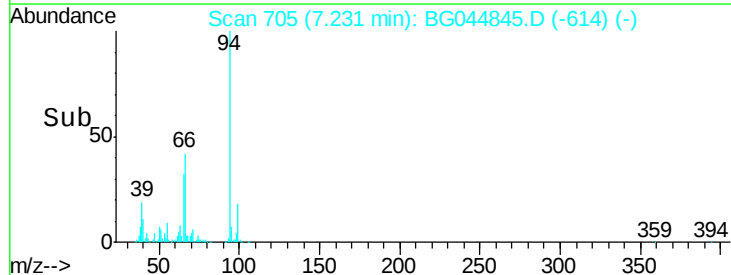
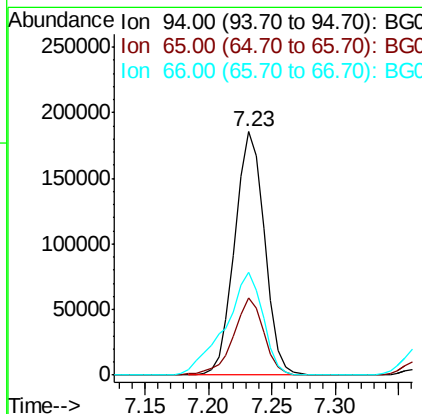
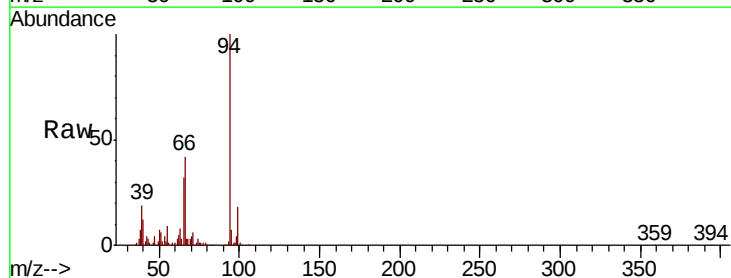
RT: 7.23 min Scan# 705

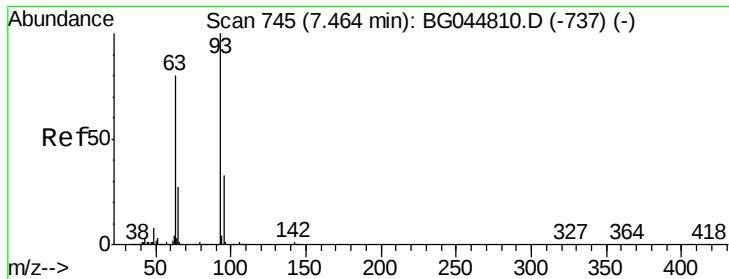
Delta R.T. 0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Tgt Ion:	94	Resp:	301586
Ion	Ratio	Lower	Upper
94	100		
65	31.9	11.0	51.0
66	42.5	20.1	60.1





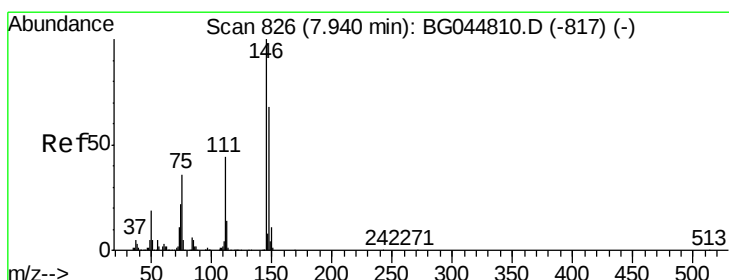
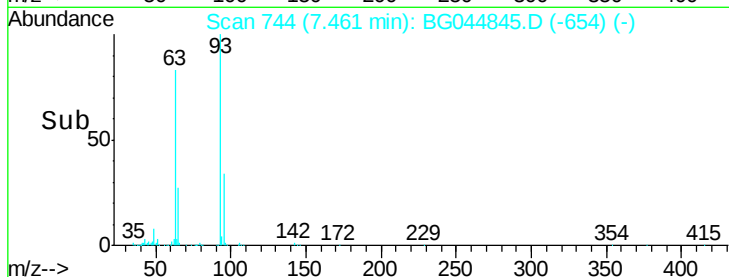
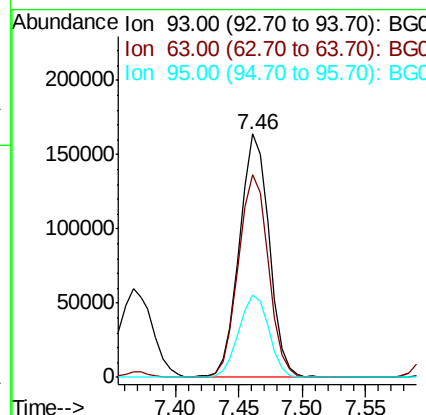
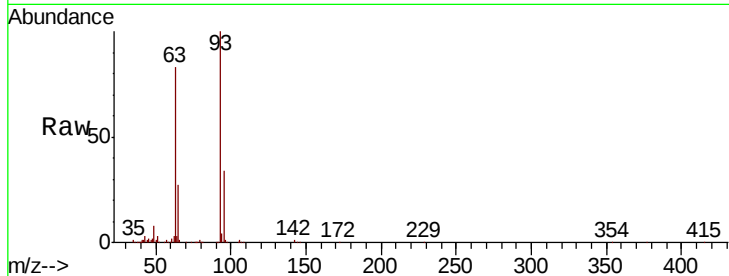
#11
bis(2-Chloroethyl)ether
Concen: 38.097 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
P-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		265467		
63	83.3	59.7	99.7		
95	33.8	13.1	53.1		

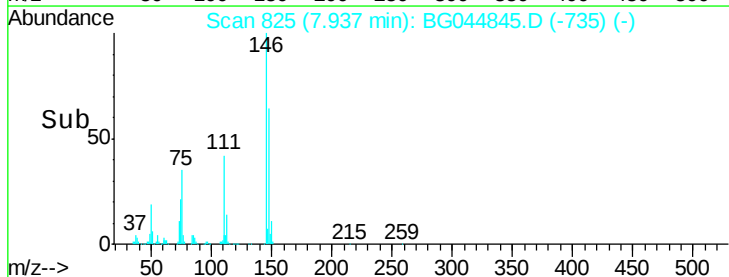
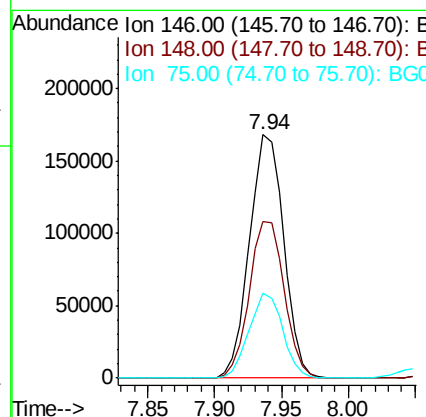
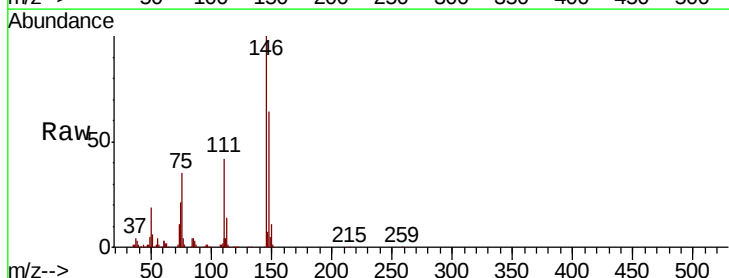
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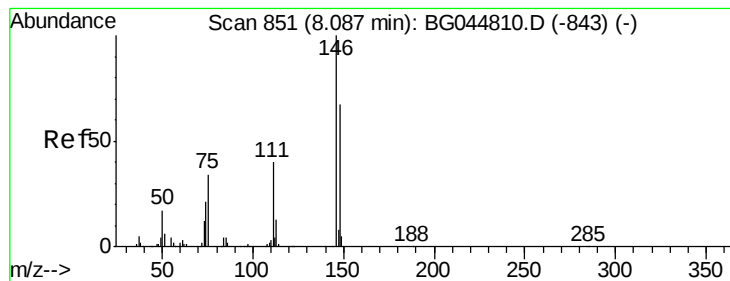
mohammad
3/18/2020 4:00:25 PM



#12
1,3-Dichlorobenzene
Concen: 39.923 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		297996		
148	64.2	54.2	81.4		
75	34.6	28.6	42.8		





#13

1,4-Dichlorobenzene

Concen: 39.582 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Instrument :

BNA_G

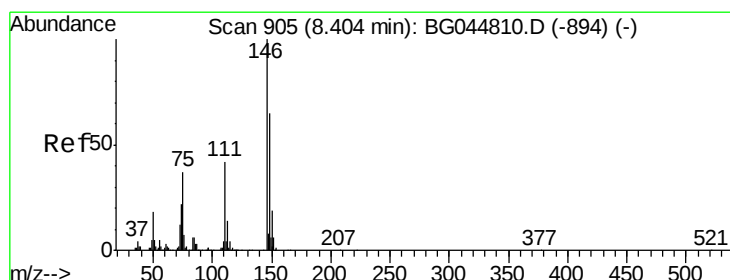
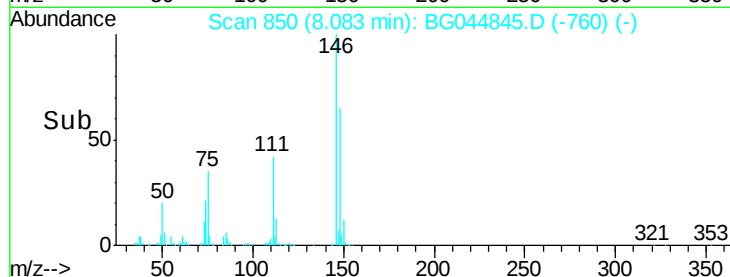
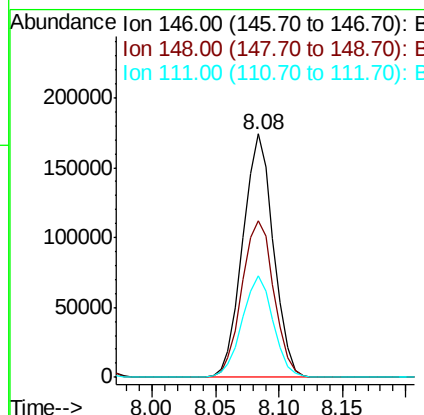
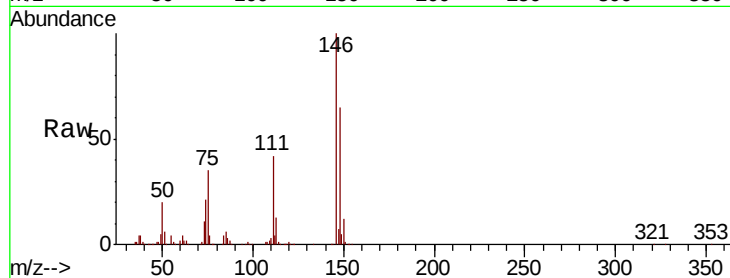
ClientSampleId :

P-2MSD

Tot Ion:	146	Resp:	292086
Ion Ratio	Lower	Upper	
146	100		
148	64.5	53.8	80.6
111	41.5	32.0	48.0

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#14

1,2-Dichlorobenzene

Concen: 39.472 ng

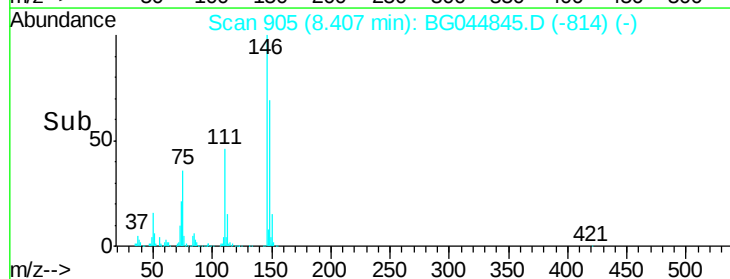
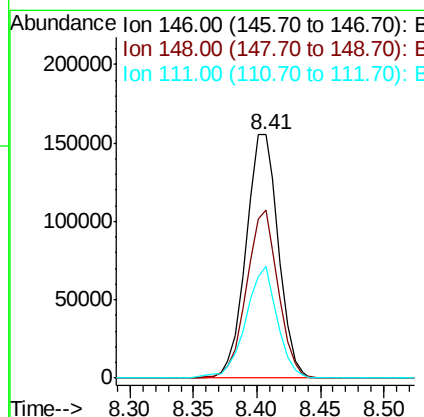
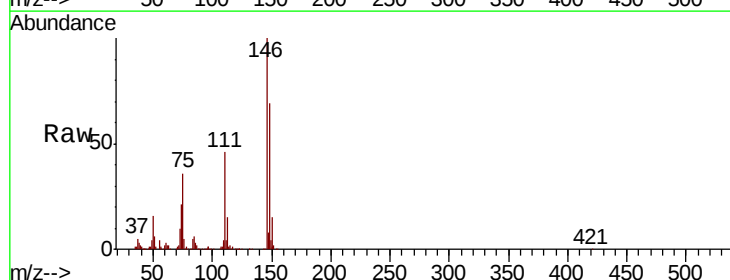
RT: 8.41 min Scan# 905

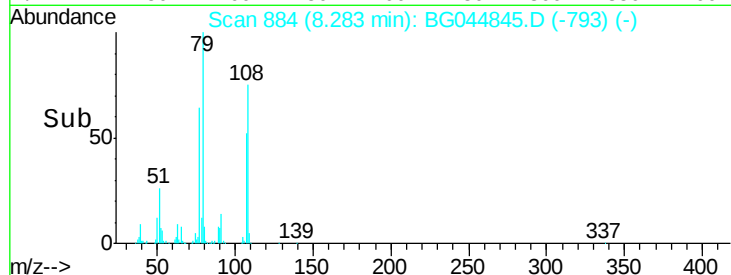
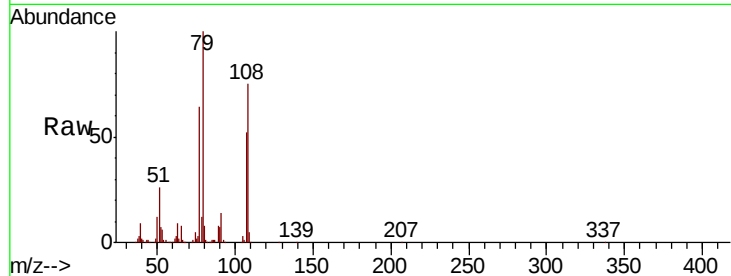
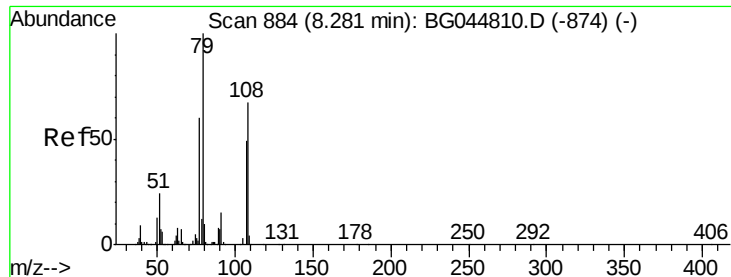
Delta R.T. 0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Tgt Ion:	146	Resp:	276247
Ion Ratio	Lower	Upper	
146	100		
148	69.2	52.1	78.1
111	45.8	33.4	50.2





#15

Benzyl Alcohol

Concen: 40.151 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Tot Ion:	79	Resp:	284108
Ion	Ratio	Lower	Upper
79	100		
108	75.0	53.8	80.8
77	64.1	47.8	71.8

Instrument :

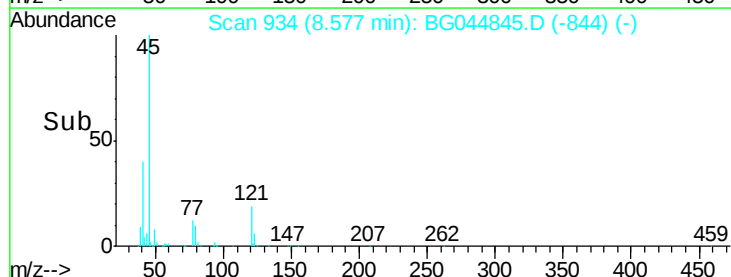
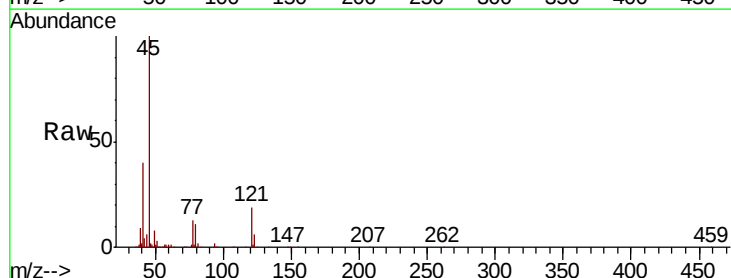
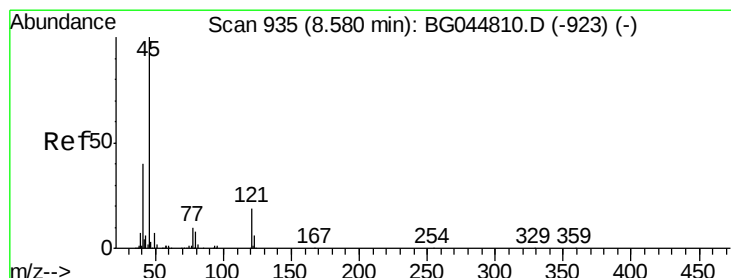
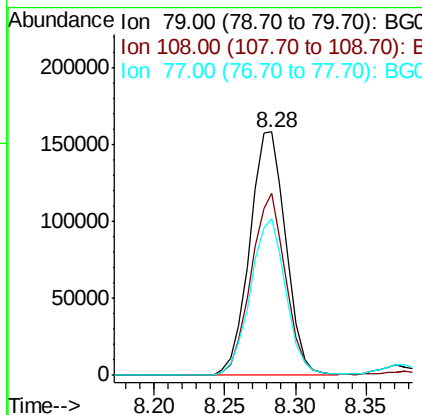
BNA_G

ClientSampleId :

P-2MSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.152 ng

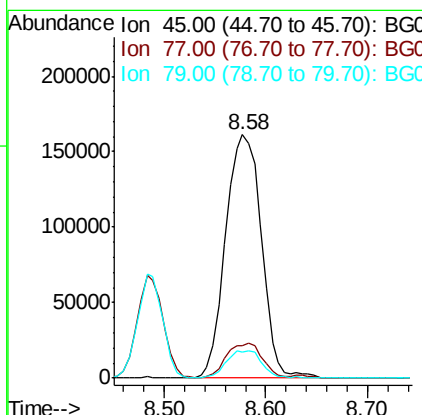
RT: 8.58 min Scan# 934

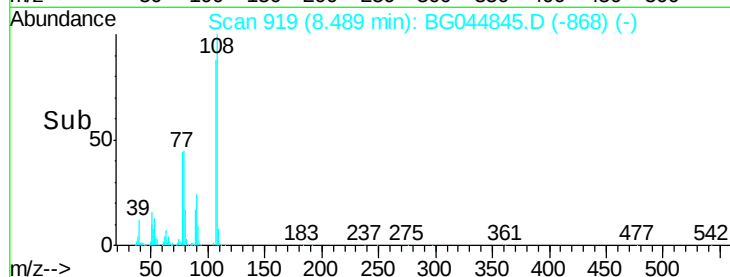
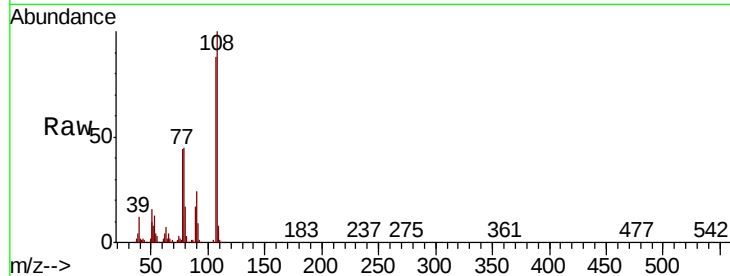
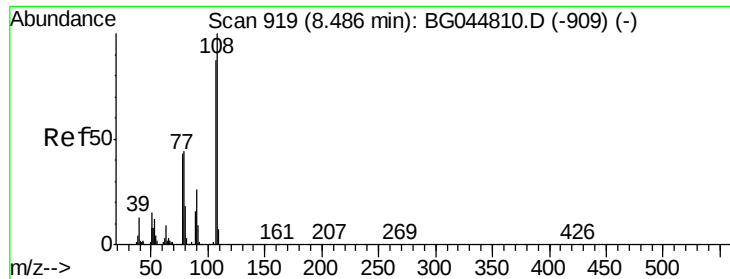
Delta R.T. -0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Tgt Ion:	45	Resp:	395370
Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	33.9
79	10.9	0.0	30.8





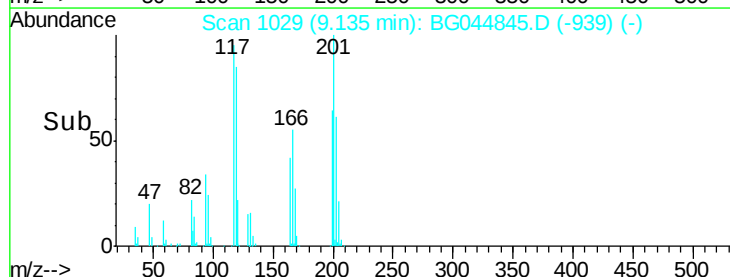
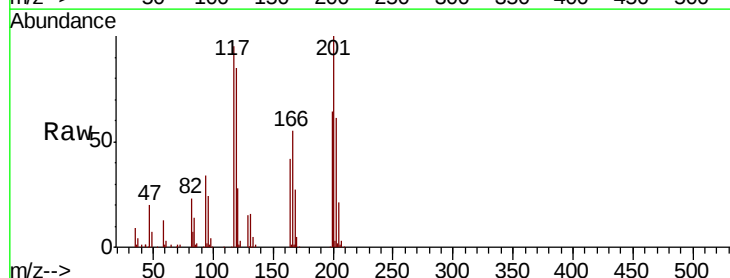
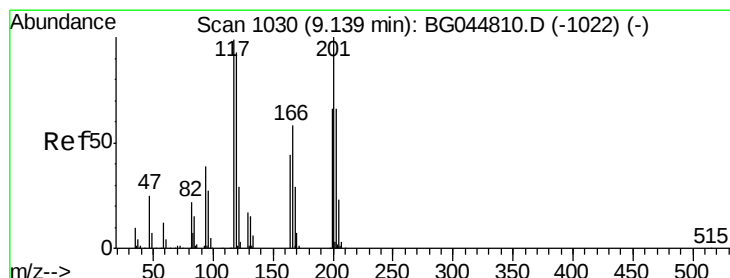
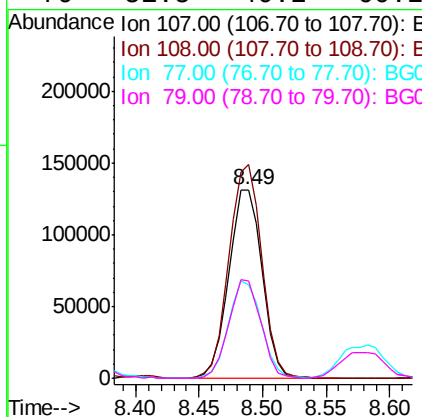
#17
2-Methylphenol
Concen: 40.396 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	91.8	137.8	
77	49.4	40.0	60.0	
79	51.5	40.2	60.2	

Instrument :
BNA_G
ClientSampleId :
P-2MSD

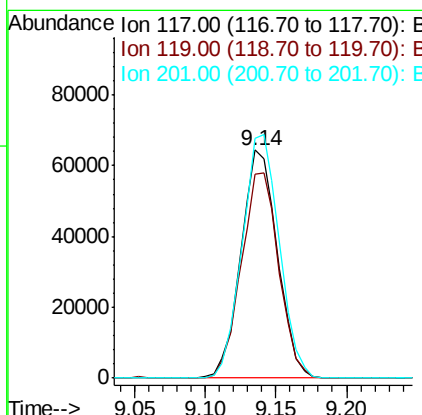
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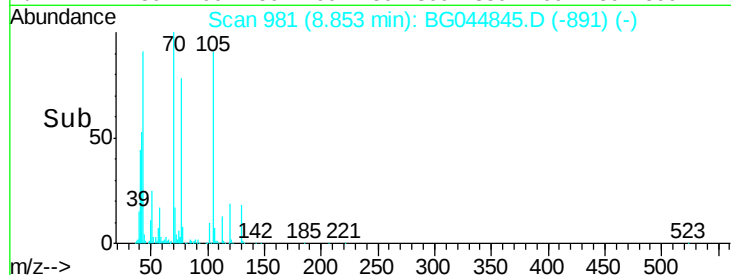
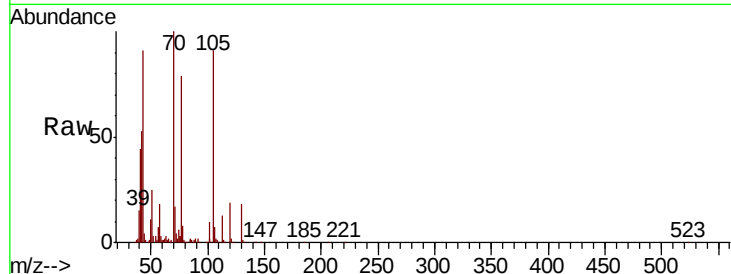
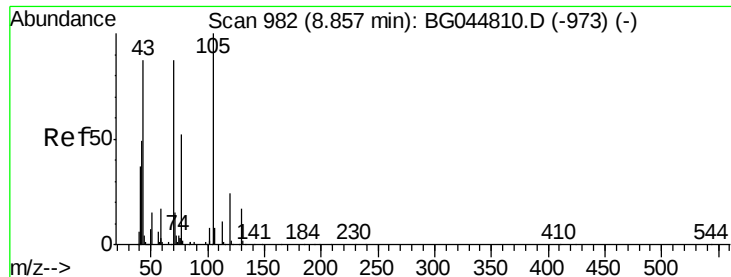
mohammad
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#18
Hexachloroethane
Concen: 40.167 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	89.6	75.2	112.8	
201	104.9	81.1	121.7	





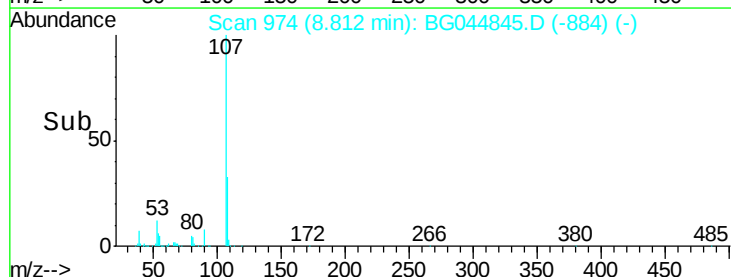
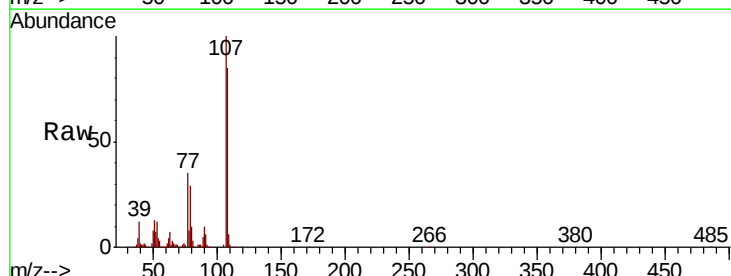
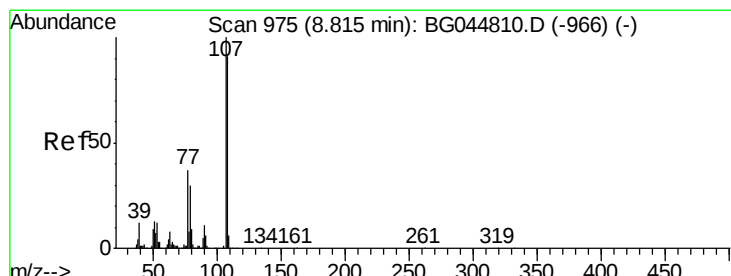
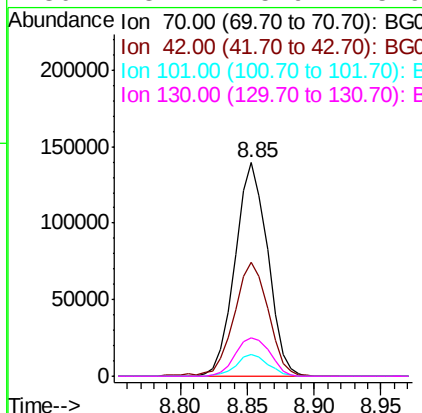
#19
n-Nitroso-di-n-propylamine
Concen: 37.943 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
P-2MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.1	45.7	68.5	
101	10.2	7.4	11.2	
130	18.1	15.9	23.9	

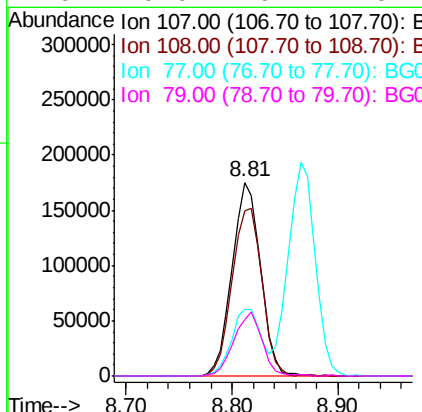
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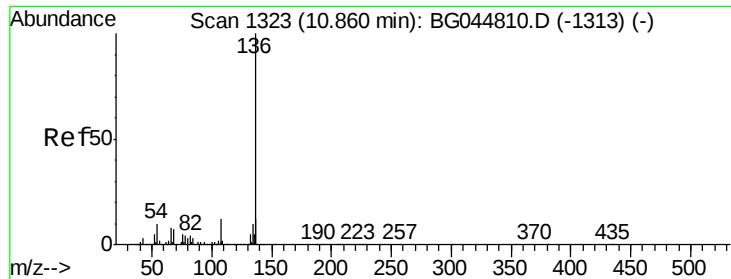
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#20
3+4-Methylphenols
Concen: 40.156 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.3	71.3	111.3	
77	34.7	16.9	56.9	
79	29.0	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: BG044845.D

Acq: 17 Mar 2020 23:08

Instrument :

BNA_G

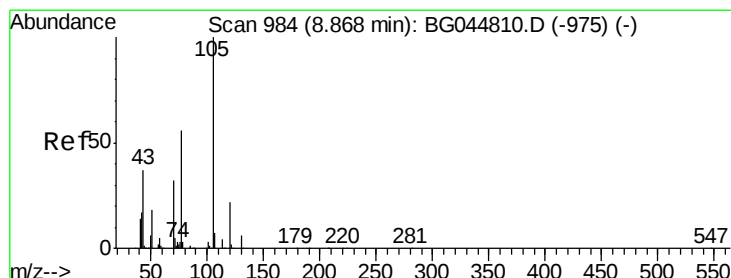
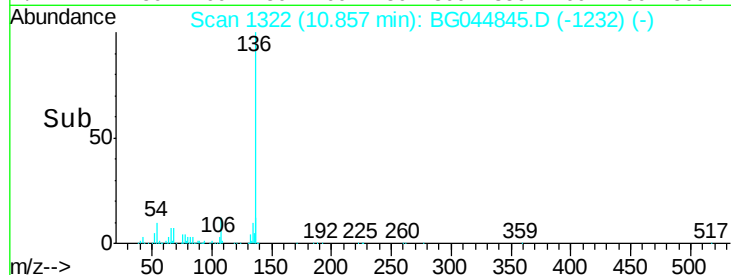
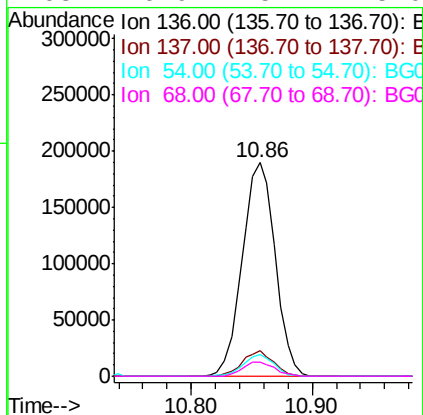
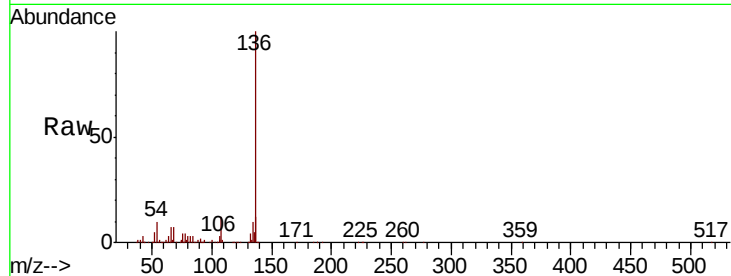
ClientSampleId :

P-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	360035		
137	12.0		9.8	14.6
54	10.3		7.9	11.9
68	6.9		5.4	8.0

Manual Integrations
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#22

Acetophenone

Concen: 41.572 ng

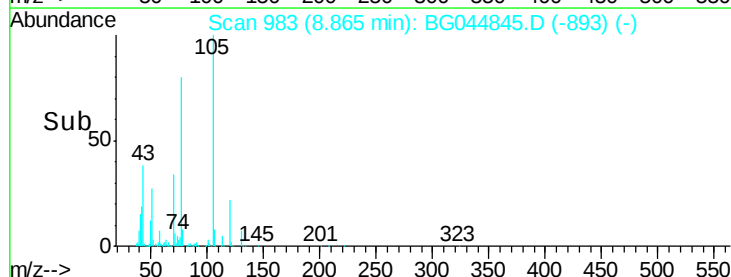
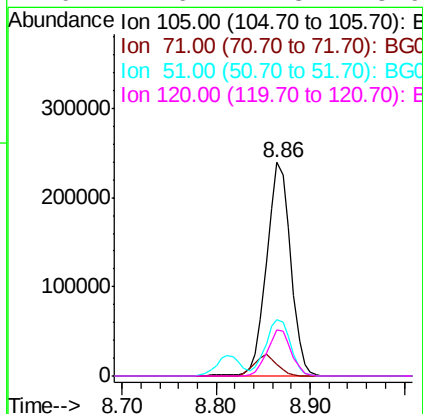
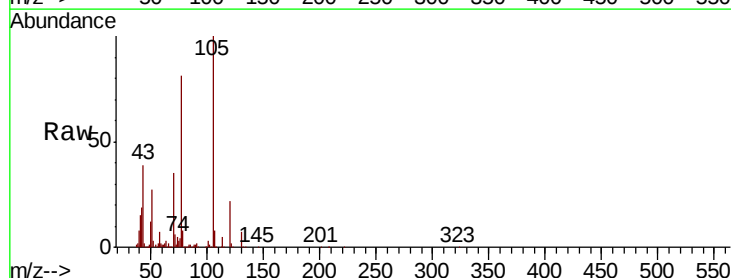
RT: 8.86 min Scan# 983

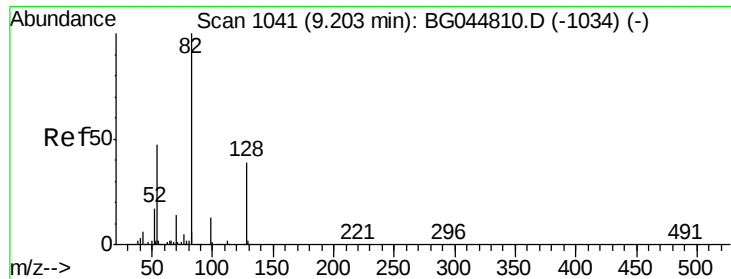
Delta R.T. -0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	424027		
71	5.7		3.9	5.9
51	26.7		22.6	33.8
120	21.6		17.3	25.9





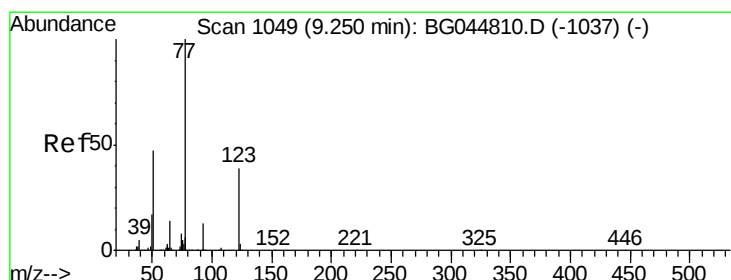
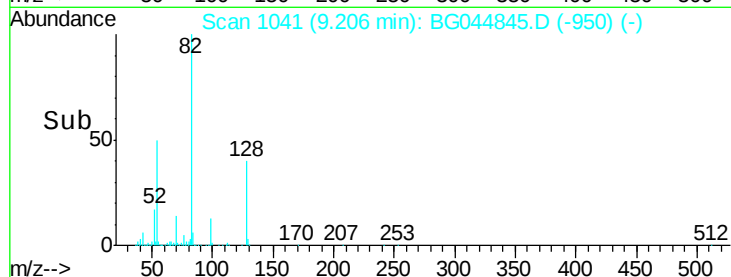
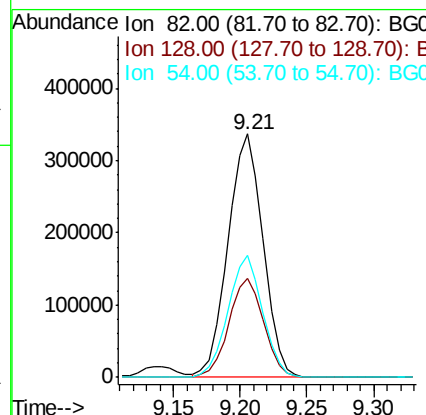
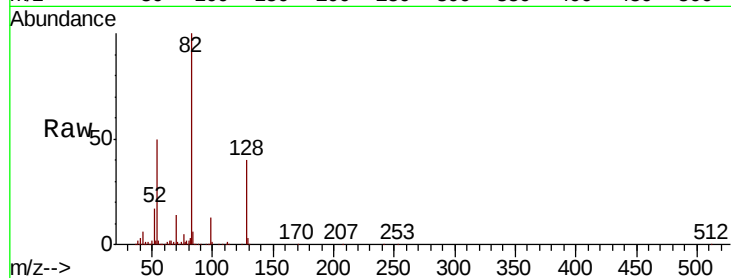
#23
Nitrobenzene-d5
Concen: 75.161 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
P-2MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	30.6	46.0
54	50.0	37.1	55.7

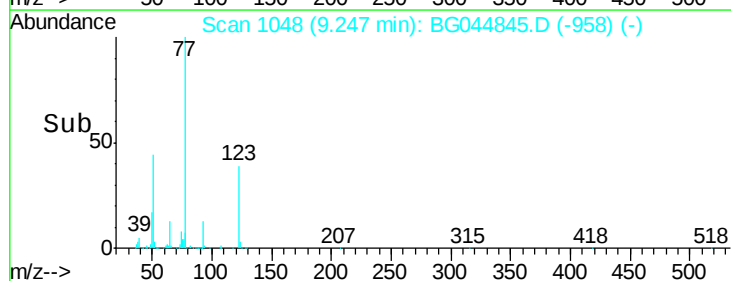
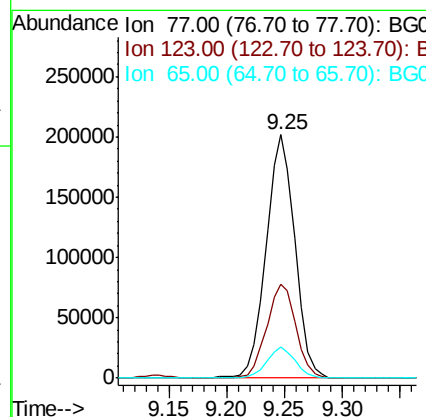
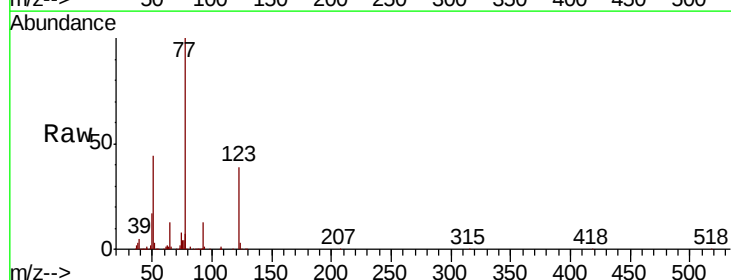
Manual Integrations
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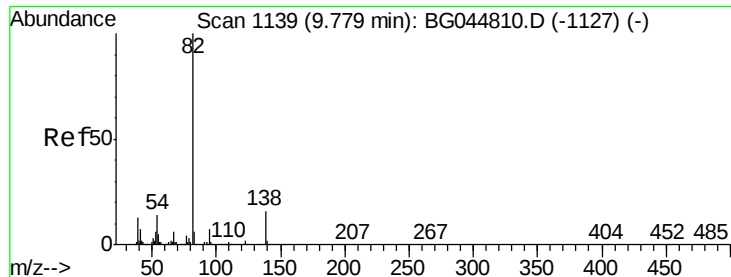
mohammad
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#24
Nitrobenzene
Concen: 41.191 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.7	31.3	46.9
65	12.9	11.4	17.0





#25

Isophorone

Concen: 40.679 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Instrument :

BNA_G

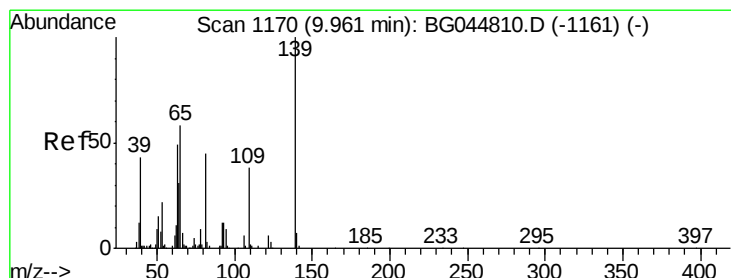
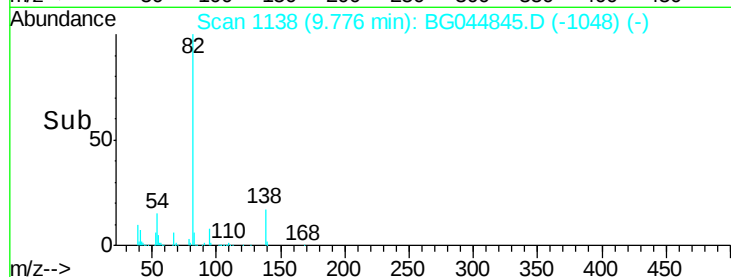
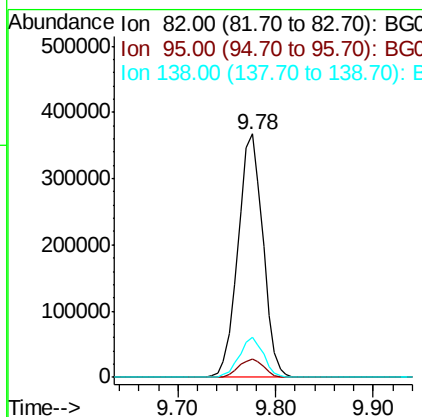
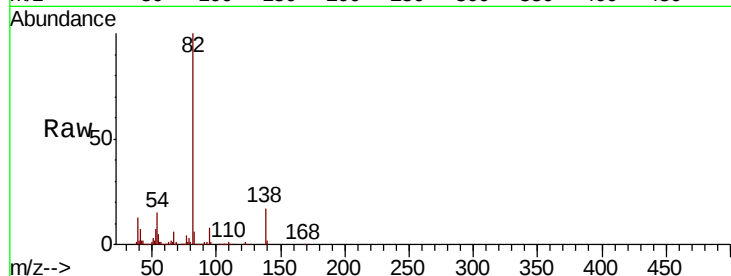
ClientSampleId :

P-2MSD

Tot Ion:	82	Resp:	651408
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.5	8.3
138	16.7	12.5	18.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.961 ng

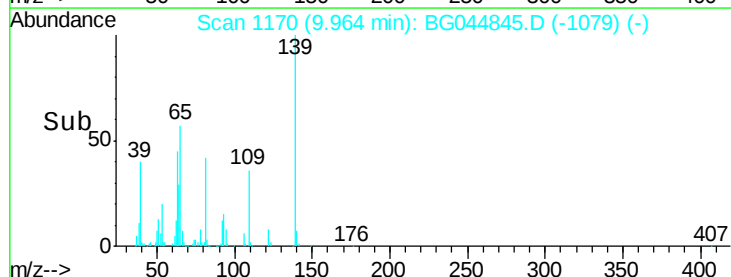
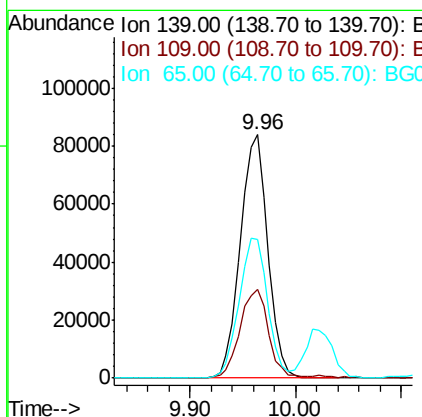
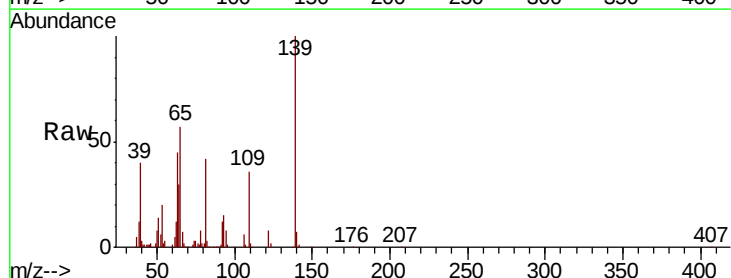
RT: 9.96 min Scan# 1170

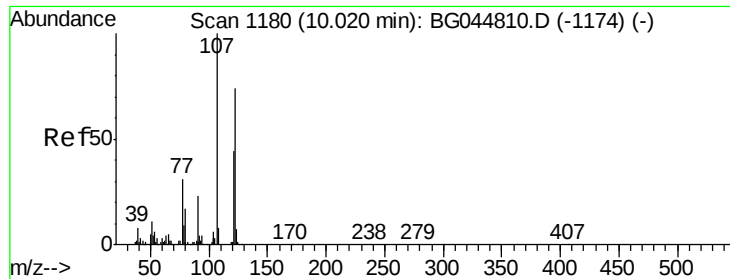
Delta R.T. 0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Tgt Ion:	139	Resp:	151755
Ion Ratio	Lower	Upper	
139	100		
109	36.5	30.2	45.4
65	57.1	46.3	69.5





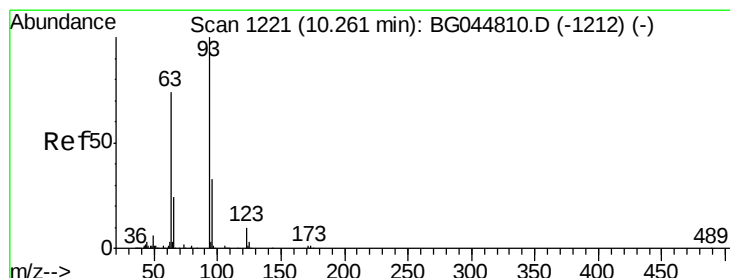
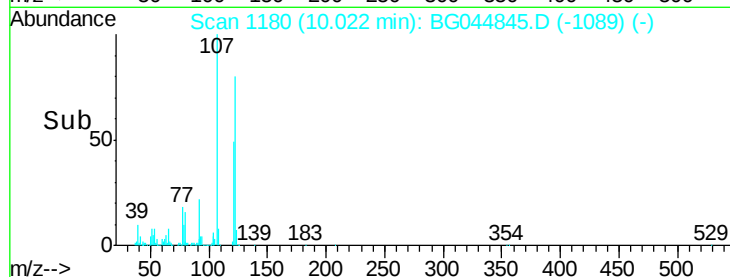
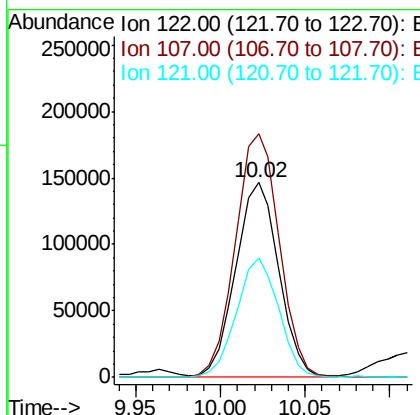
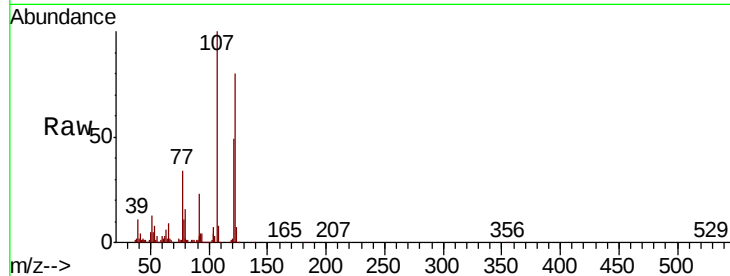
#27
2,4-Dimethylphenol
Concen: 49.673 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
P-2MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.3	107.1	160.7
121	61.7	46.8	70.2

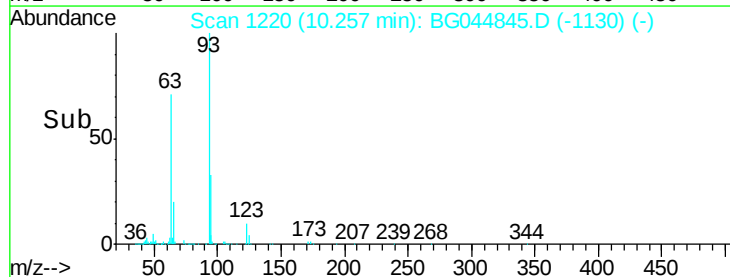
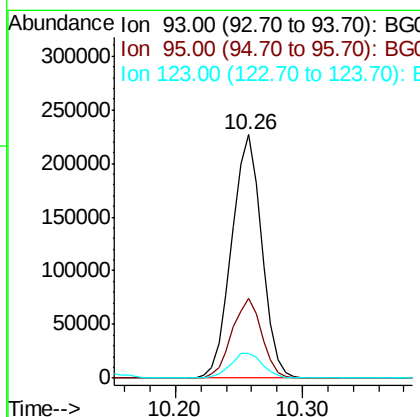
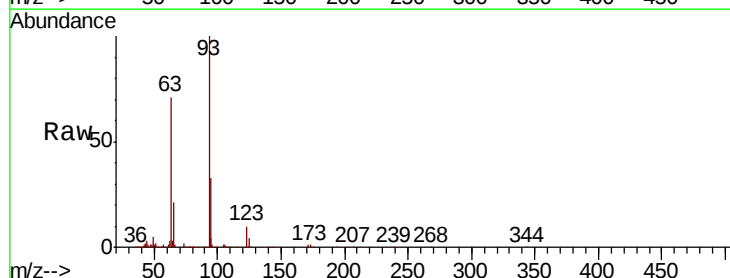
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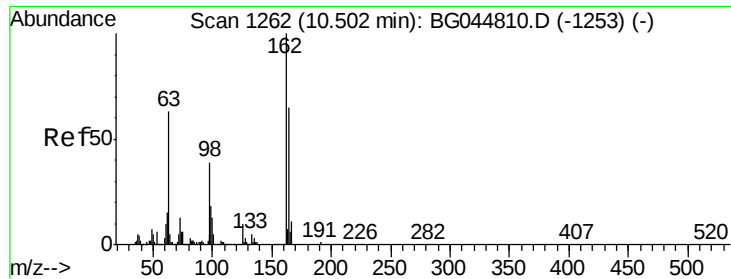
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.822 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	10.2	8.4	12.6





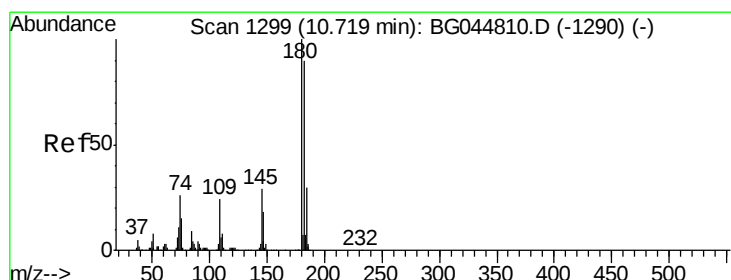
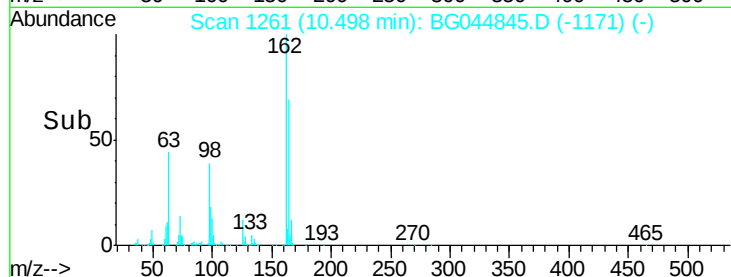
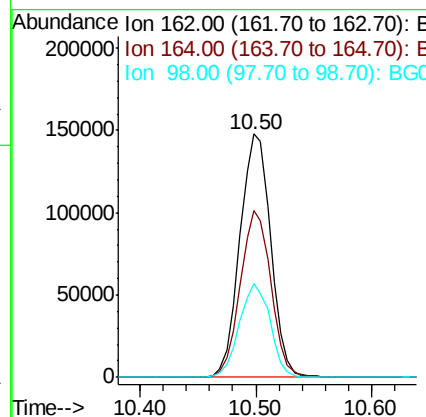
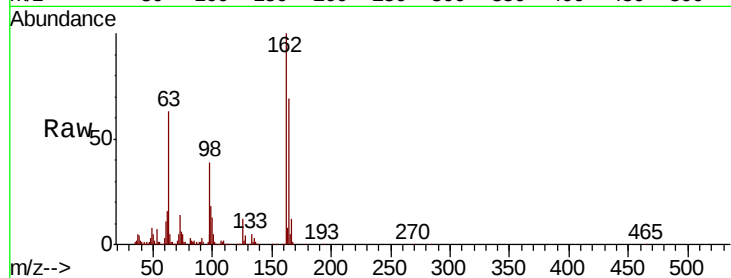
#29
 2,4-Dichlorophenol
 Concen: 44.938 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG044845.D
 Acq: 17 Mar 2020 23:08

Instrument :
 BNA_G
 ClientSampleId :
 P-2MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.6	45.2	85.2
98	38.8	19.0	59.0

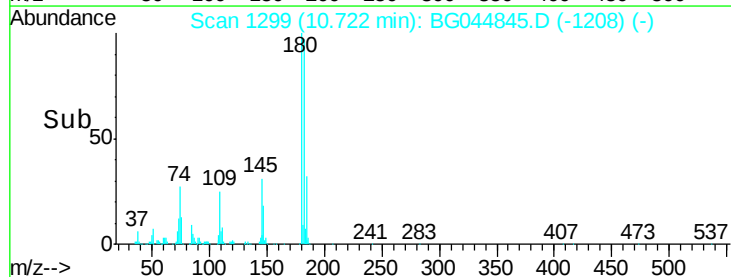
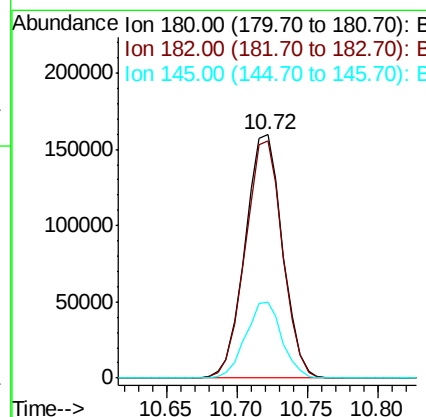
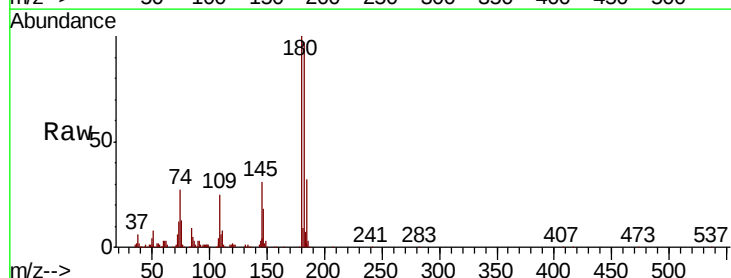
Manual Integrations
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.645 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BG044845.D
 Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	71.6	107.4
145	31.3	23.4	35.0





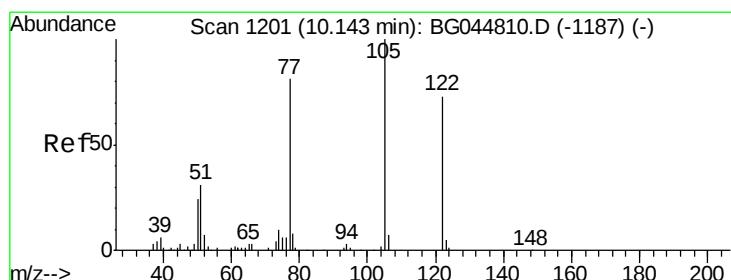
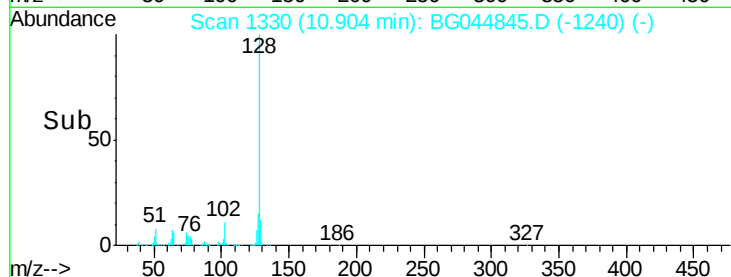
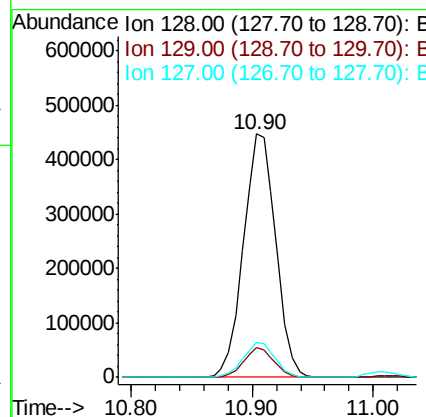
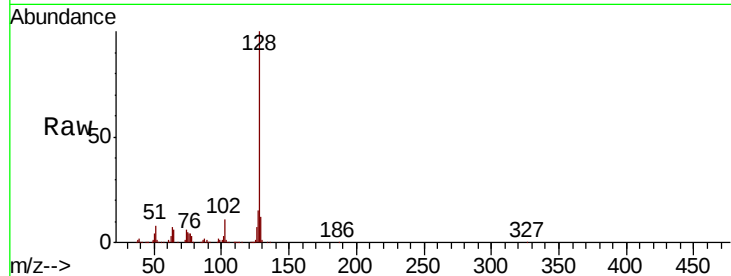
#31
Naphthalene
Concen: 41.642 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
P-2MSD

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	12.0	9.0	13.4
127	14.5	10.8	16.2

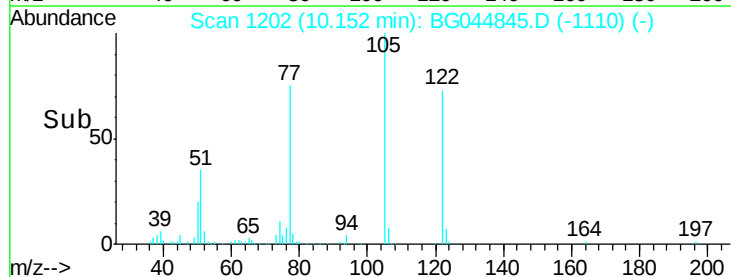
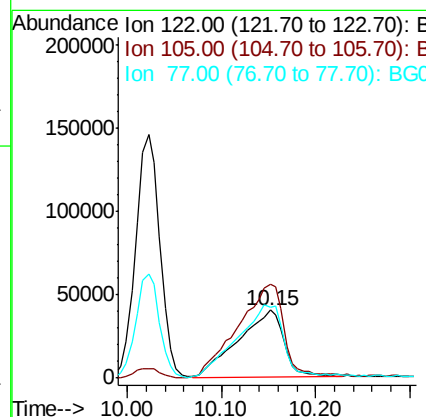
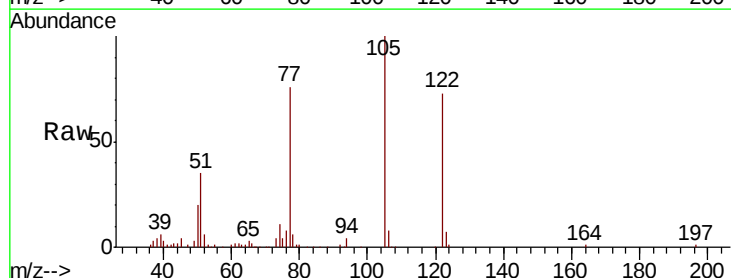
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#32
Benzoic acid
Concen: 36.165 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	137.9	109.1	149.1
77	104.1	85.3	125.3





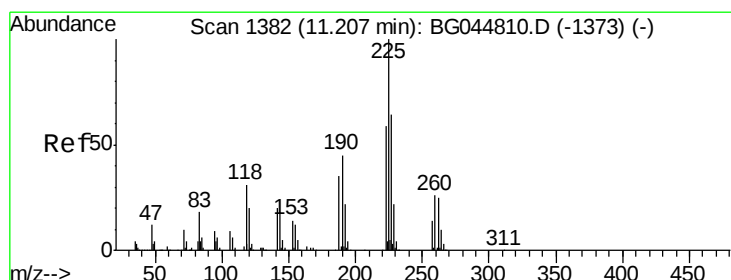
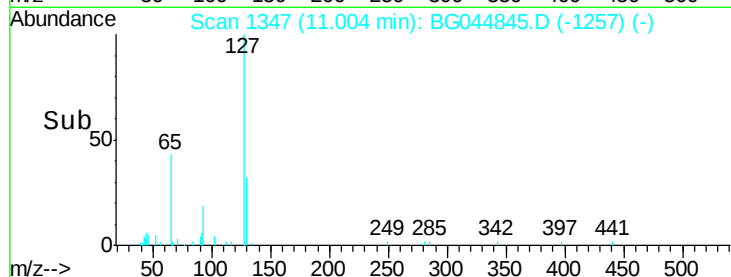
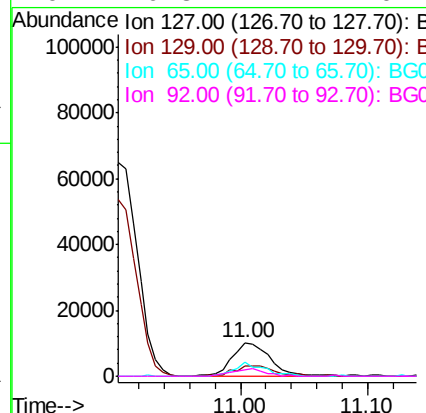
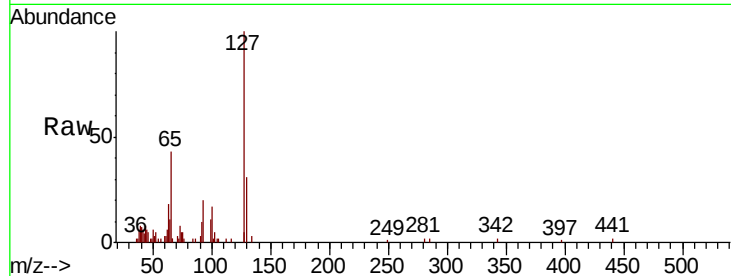
#33
4-Chloroaniline
Concen: 2.345 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
P-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		21074		
129	31.3	26.9	40.3		
65	43.4	27.7	41.5		
92	20.3	17.4	26.2		

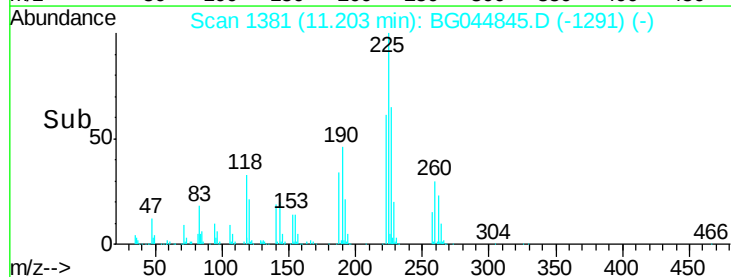
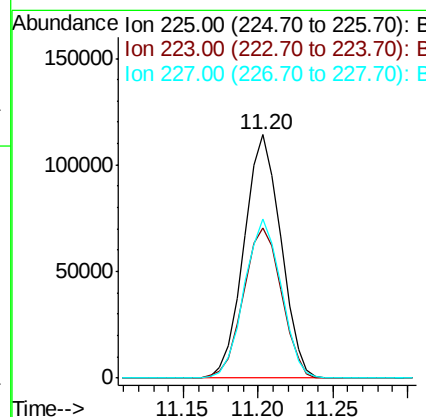
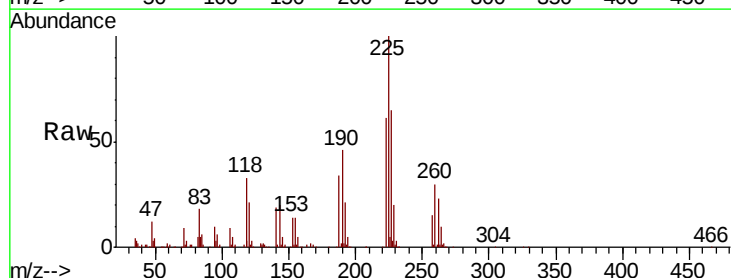
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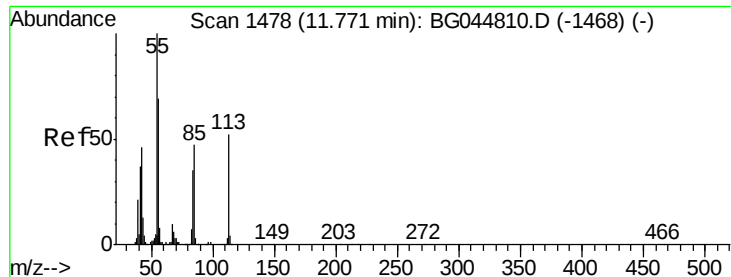
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#34
Hexachlorobutadiene
Concen: 40.715 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		195001		
223	61.5	47.4	71.0		
227	65.4	50.8	76.2		





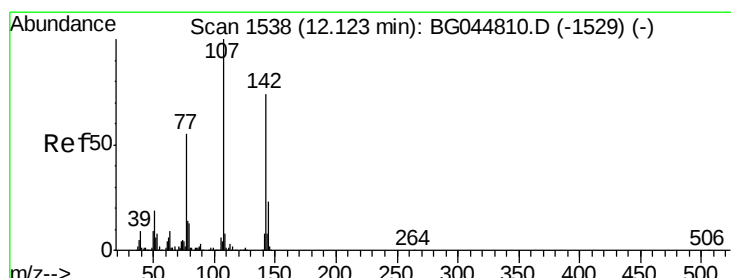
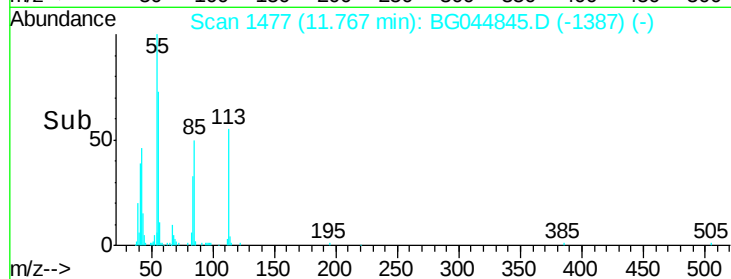
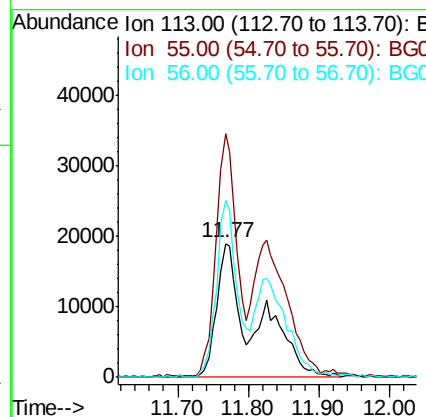
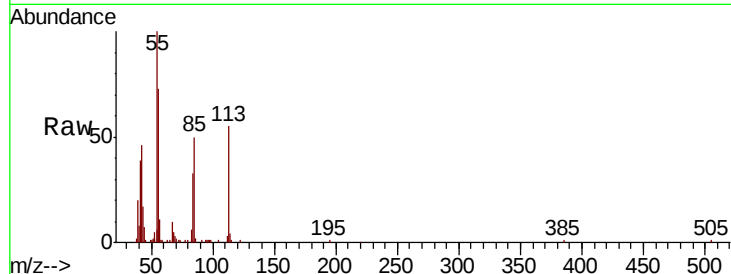
#35
 Caprolactam
 Concen: 30.337 ng/ml
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: BG044845.D
 Acq: 17 Mar 2020 23:08

Instrument :
 BNA_G
 ClientSampleId :
 P-2MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	181.8	173.8	213.8	
56	132.6	113.8	153.8	

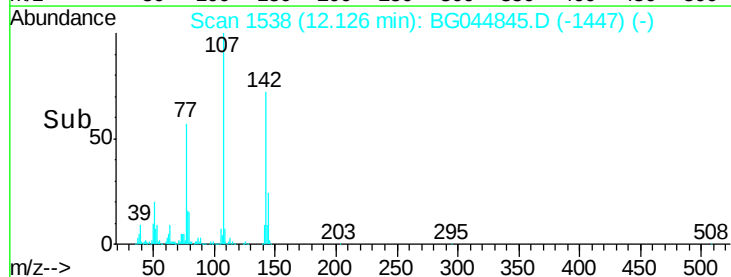
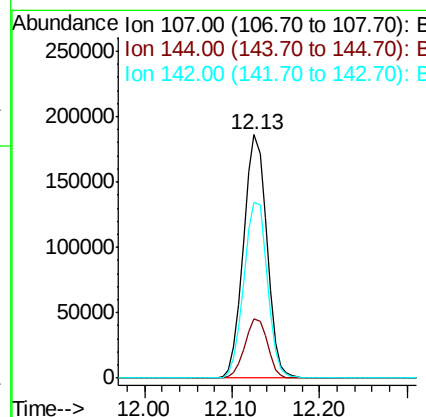
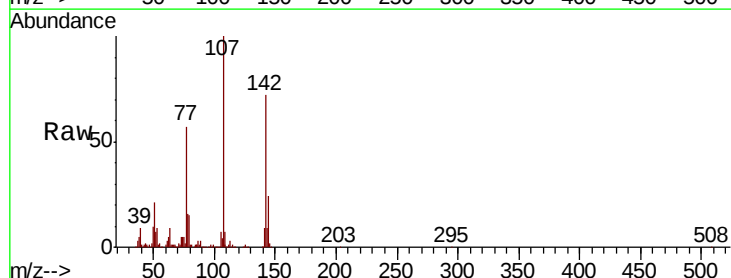
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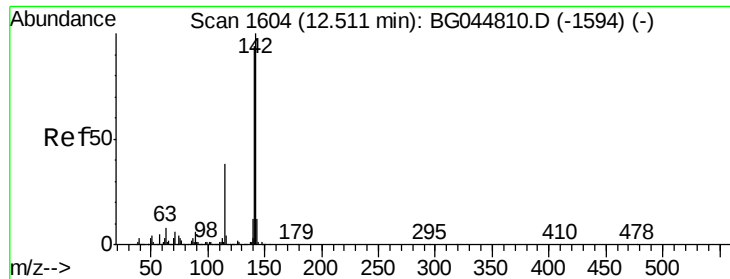
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#36
 4-Chloro-3-methylphenol
 Concen: 45.781 ng/ml
 RT: 12.13 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG044845.D
 Acq: 17 Mar 2020 23:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.3	18.0	27.0	
142	72.3	59.0	88.4	





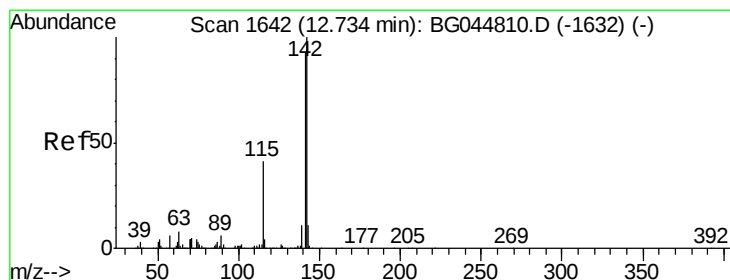
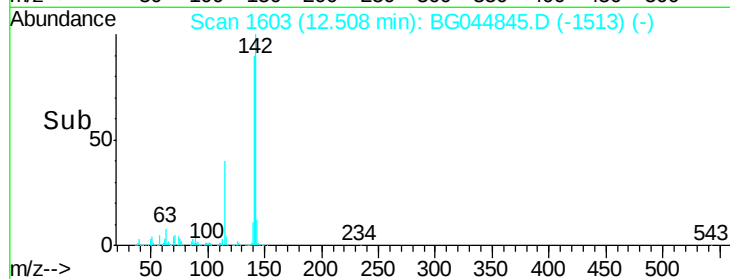
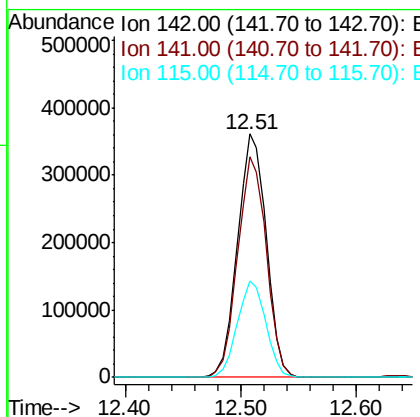
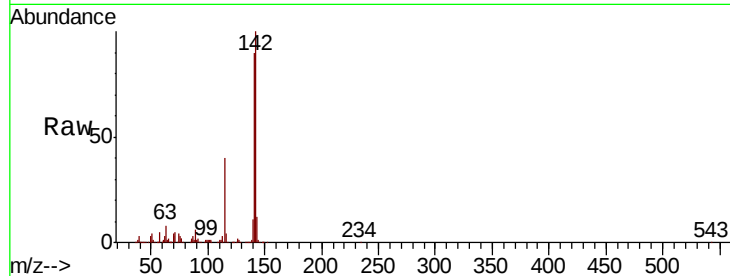
#37
 2-Methylnaphthalene
 Concen: 41.733 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG044845.D
 Acq: 17 Mar 2020 23:08

Instrument :
 BNA_G
 ClientSampleId :
 P-2MSD

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

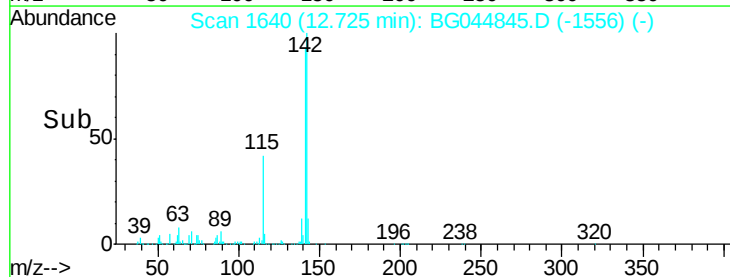
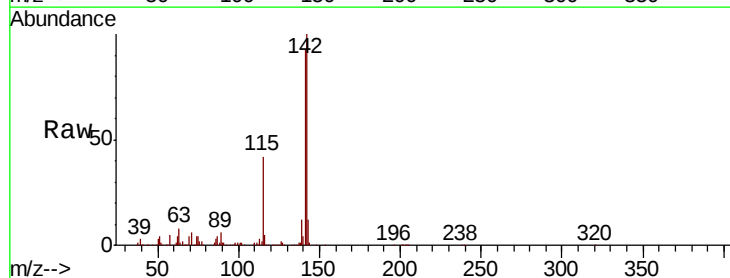
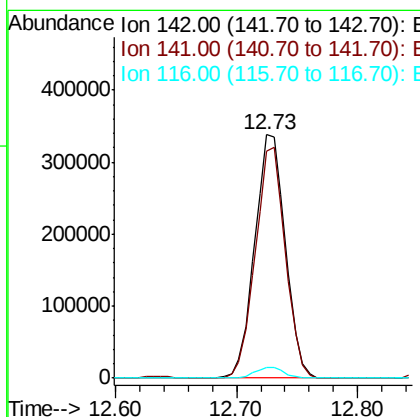
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#38
 1-Methylnaphthalene
 Concen: 42.349 ng
 RT: 12.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BG044845.D
 Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.7	112.1
116	4.5	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: BG044845.D

Acq: 17 Mar 2020 23:08

Instrument :

BNA_G

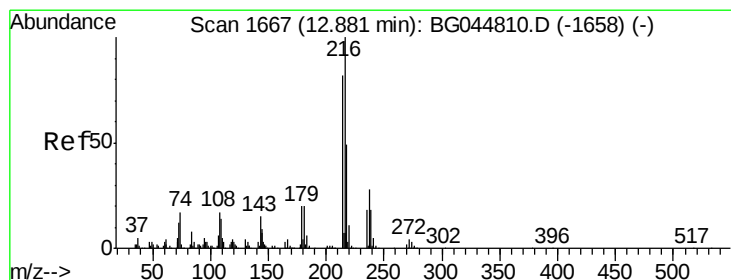
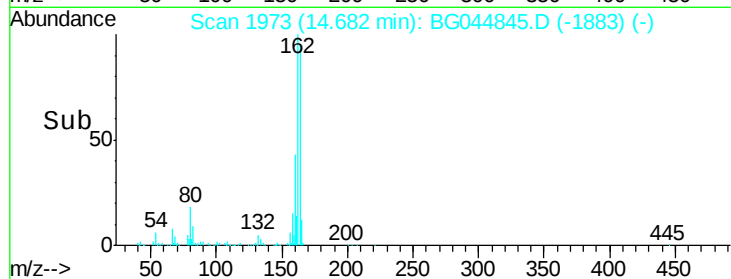
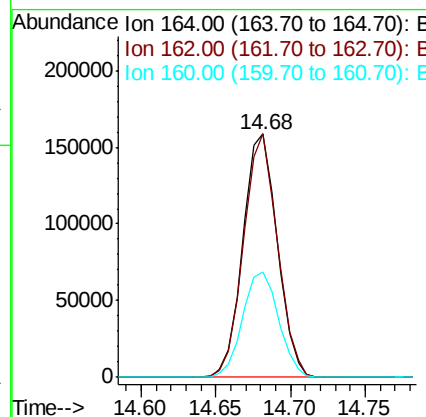
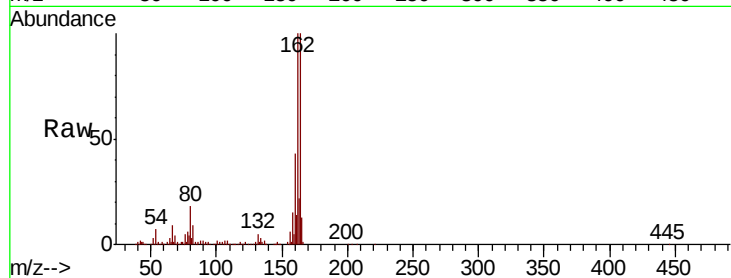
ClientSampleId :

P-2MSD

Tot Ion:	164	Resp:	253428
Ion Ratio	Lower	Upper	
164	100		
162	100.1	76.7	115.1
160	43.3	35.0	52.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.006 ng

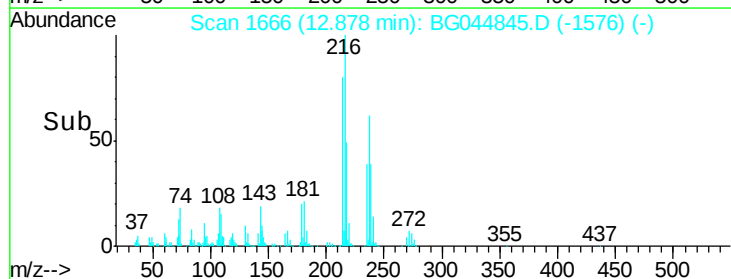
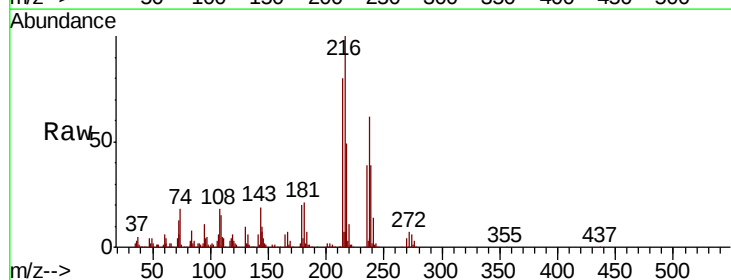
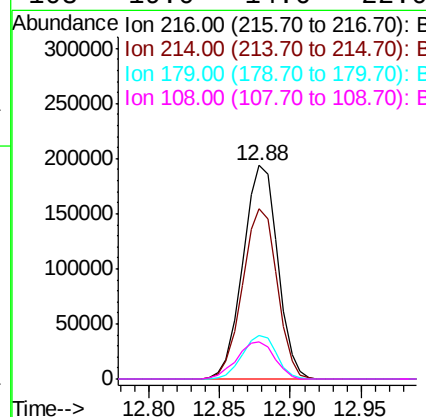
RT: 12.88 min Scan# 1666

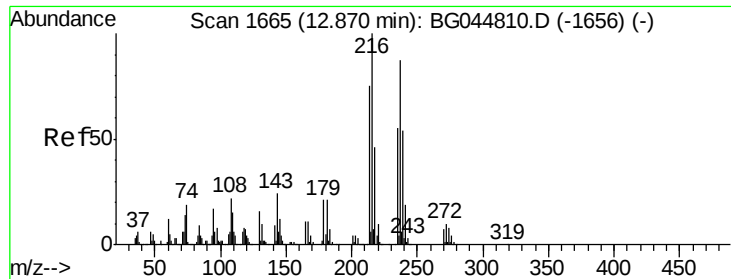
Delta R.T. -0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Tgt Ion:	216	Resp:	333897
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.8	95.6
179	20.1	16.2	24.2
108	19.0	14.6	22.0





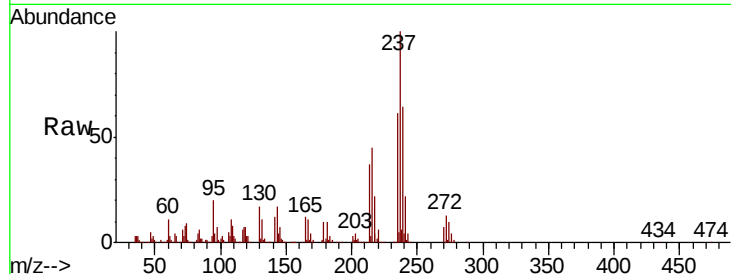
#41
Hexachlorocyclopentadiene
Concen: 78.308 ng
RT: 12.87 min Scan# 1664
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
P-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.4	42.9	82.9	
272	12.8	0.0	31.6	

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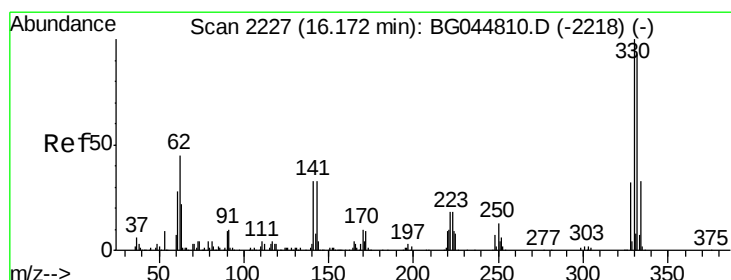
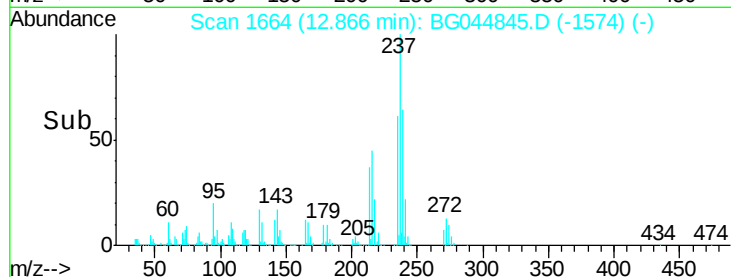
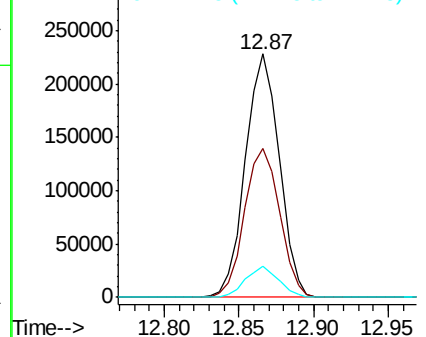


Abundance

Ion 236.80 (236.50 to 237.50): E

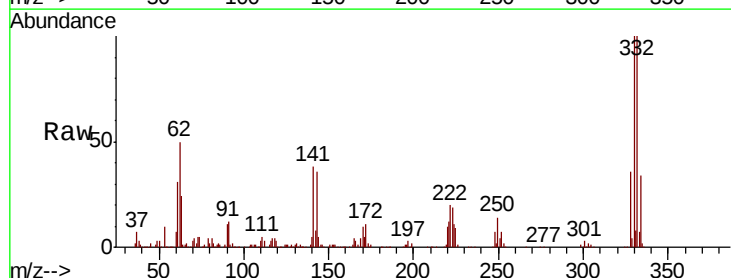
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 126.606 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.5	77.8	116.6	
141	37.7	29.5	44.3	

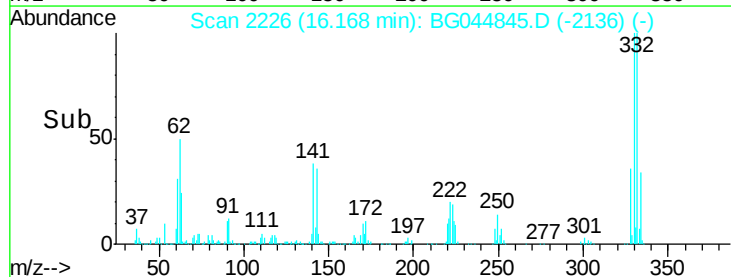
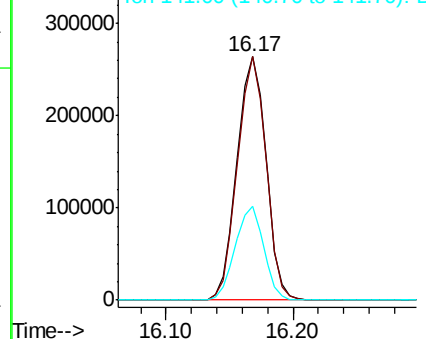


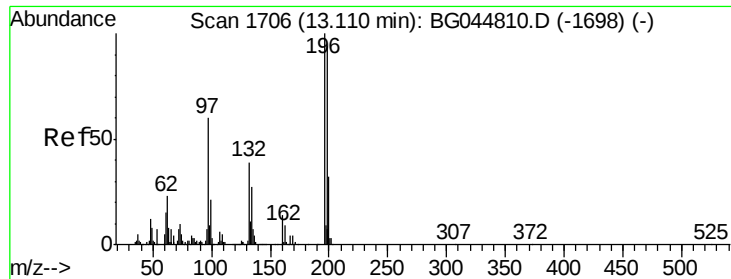
Abundance

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





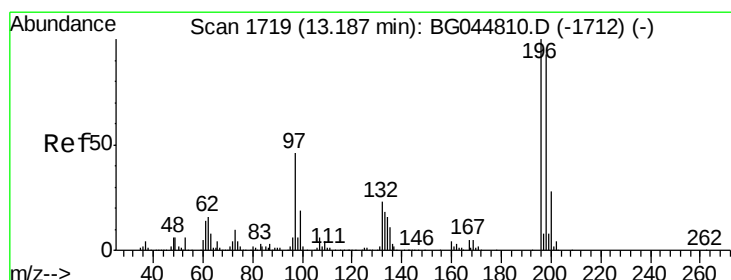
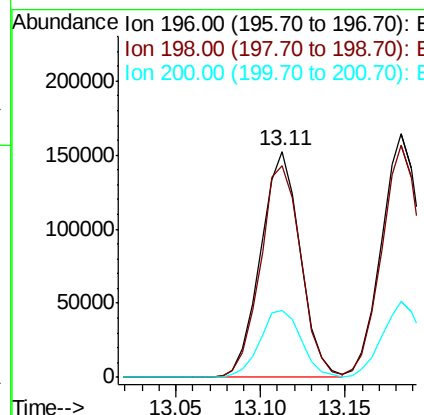
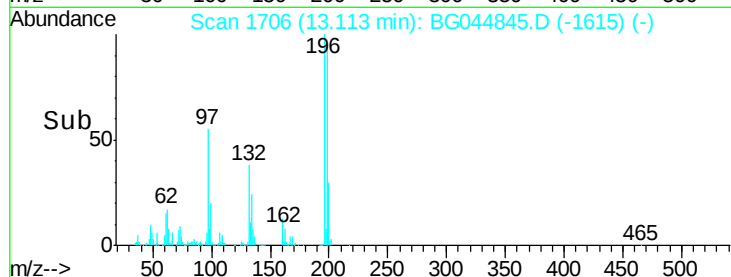
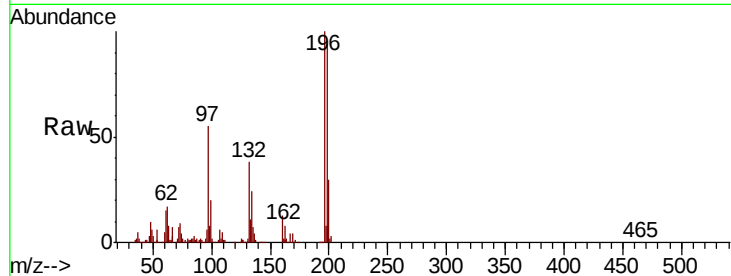
#43
 2,4,6-Trichlorophenol
 Concen: 44.865 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG044845.D
 Acq: 17 Mar 2020 23:08

Instrument :
 BNA_G
 ClientSampleId :
 P-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	248505		
198	93.6	74.9	112.3	
200	29.8	25.8	38.6	

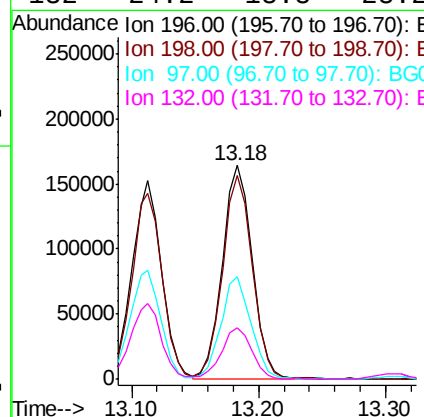
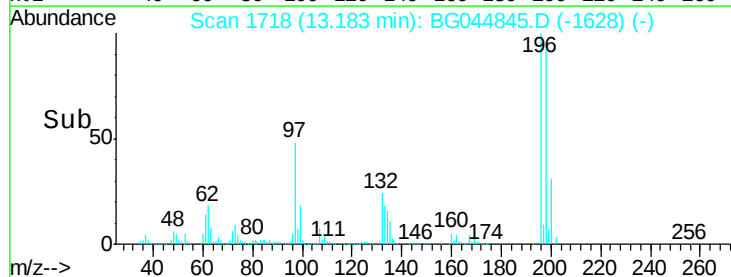
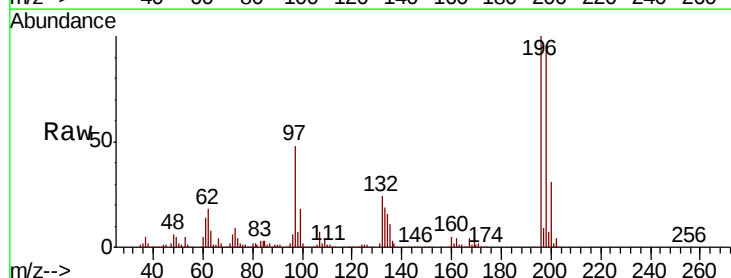
Manual Integrations
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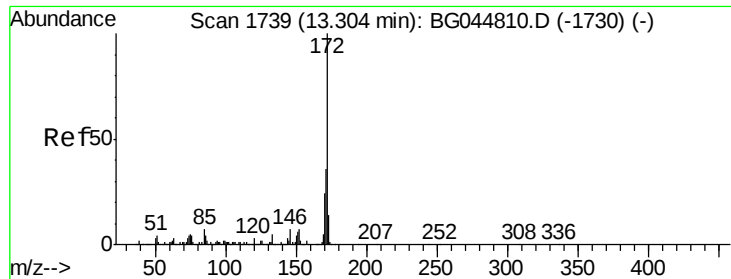
mohammad
 3/18/2020 4:00:25 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.857 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG044845.D
 Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	269156		
198	95.6	74.2	111.4	
97	48.2	36.7	55.1	
132	24.2	18.8	28.2	





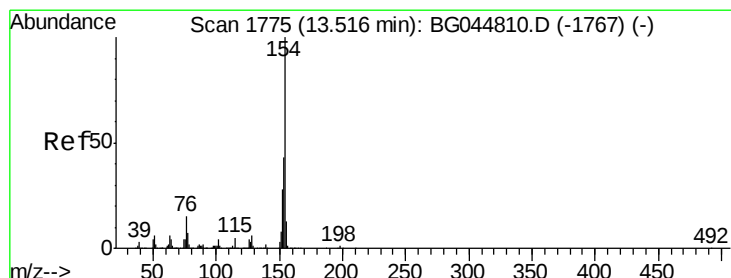
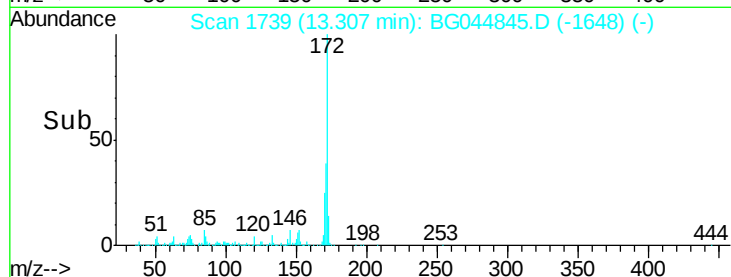
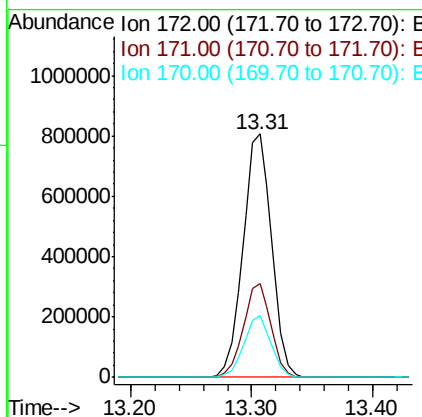
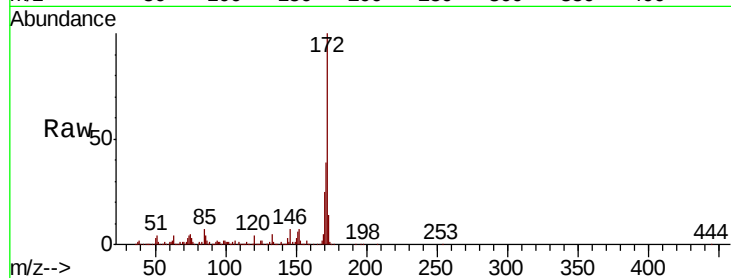
#45
2-Fluorobiphenyl
Concen: 74.937 ng
RT: 13.31 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
P-2MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	28.7	43.1
170	25.3	19.0	28.6

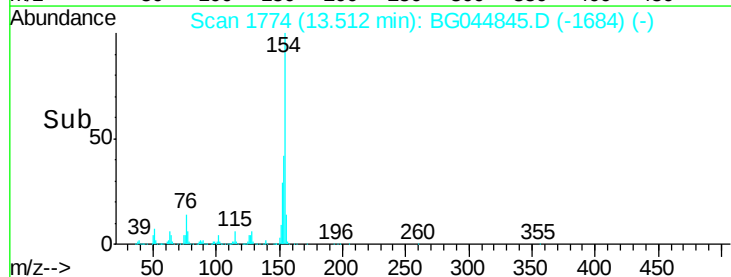
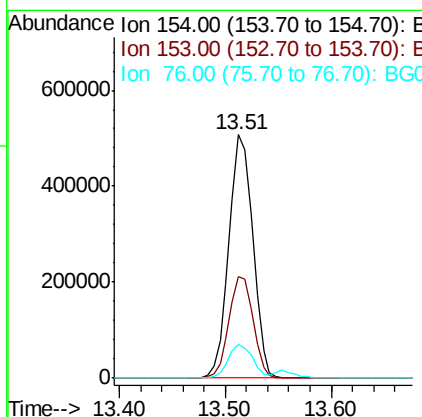
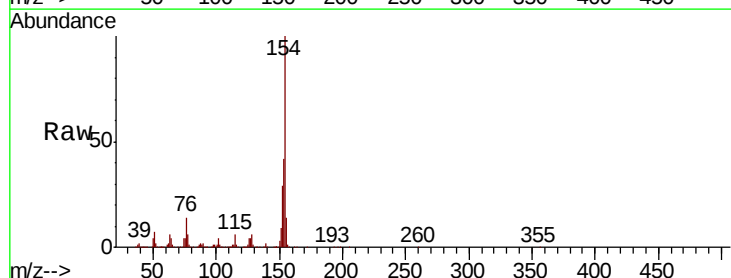
Manual Integrations
APPROVED

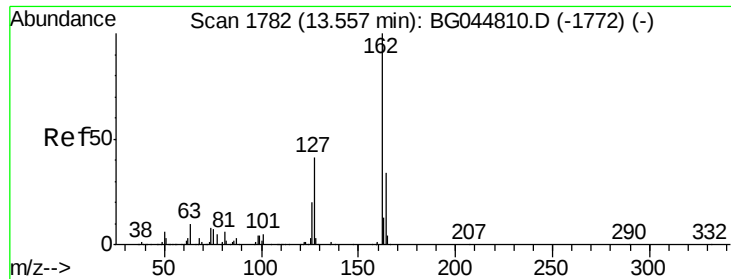
mohammad
3/18/2020 4:00:25 PM



#46
1,1'-Biphenyl
Concen: 39.130 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.9	62.9
76	13.9	0.0	34.6





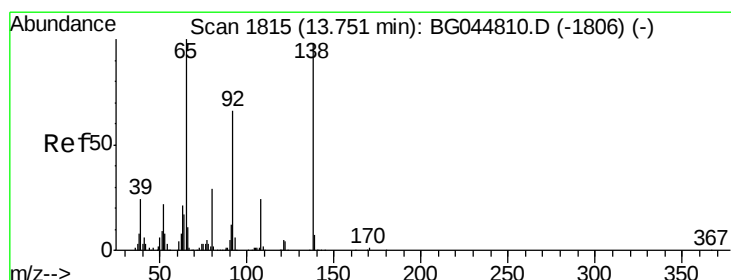
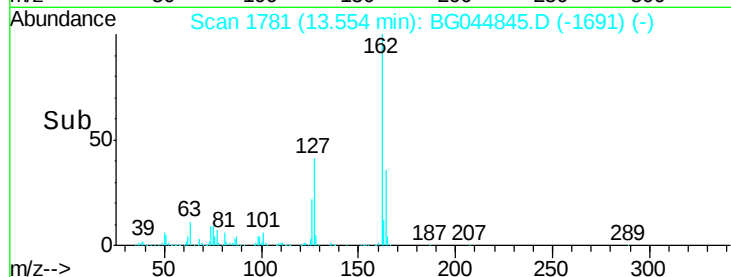
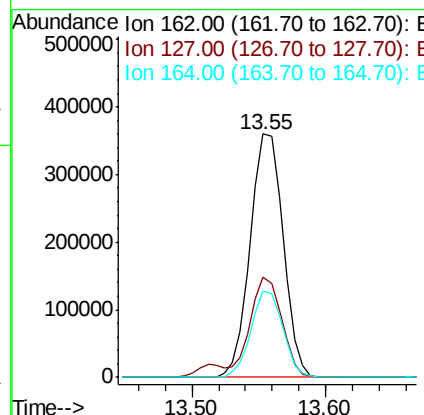
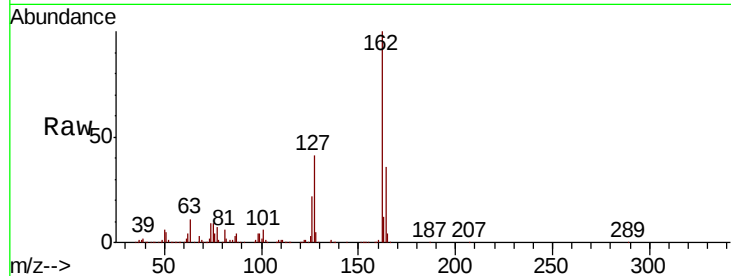
#47
2-Chloronaphthalene
Concen: 39.698 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
P-2MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.1	49.7
164	35.6	27.4	41.2

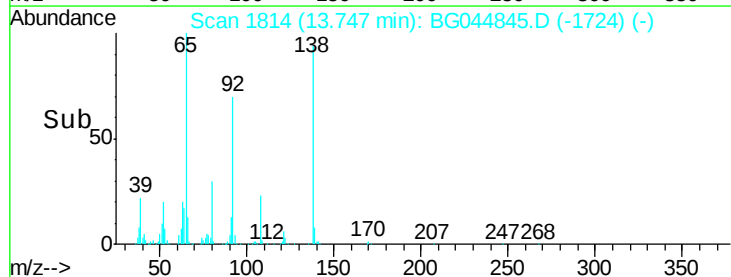
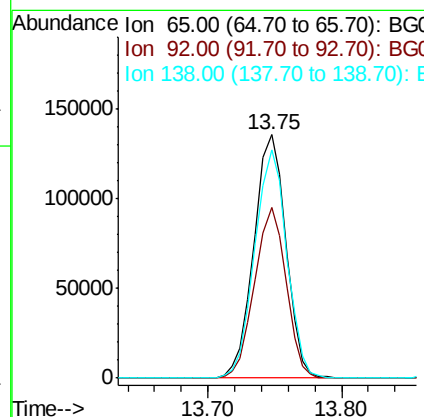
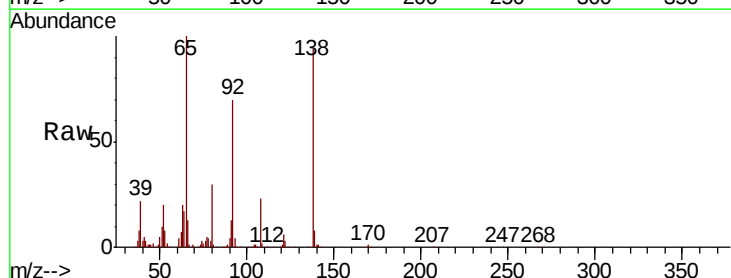
Manual Integrations
APPROVED

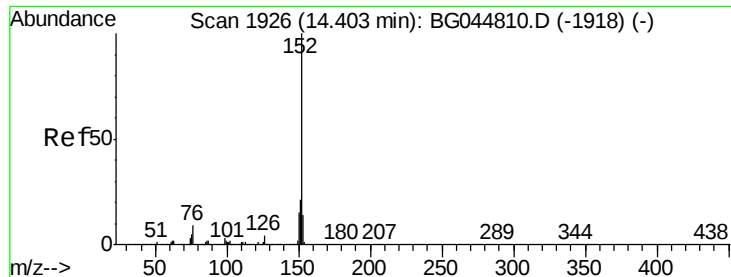
mohammad
3/18/2020 4:00:25 PM



#48
2-Nitroaniline
Concen: 41.465 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	52.6	79.0
138	93.7	78.3	117.5





#49

Acenaphthylene

Concen: 41.783 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Instrument :

BNA_G

ClientSampleId :

P-2MSD

Tot Ion:152 Resp: 1012699

Ion Ratio Lower Upper

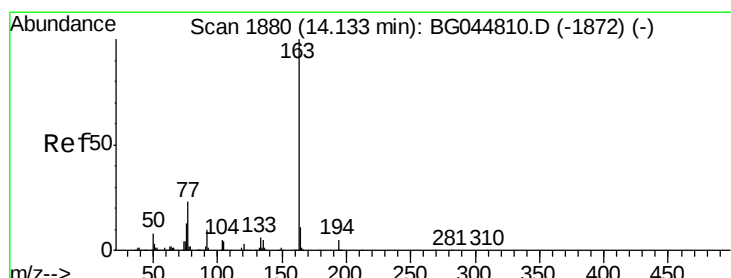
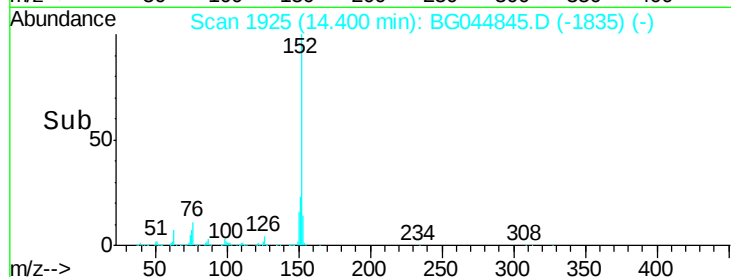
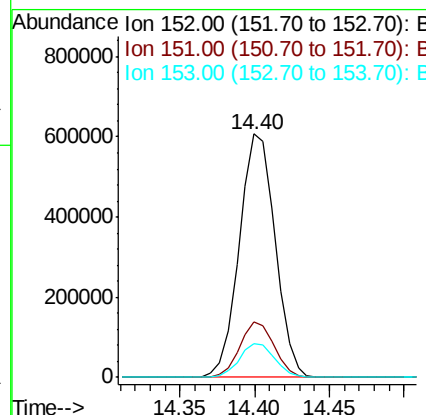
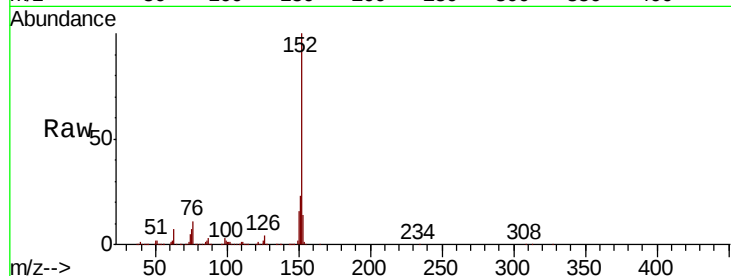
152 100

151 23.0 16.8 25.2

153 14.0 10.8 16.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 46.420 ng

RT: 14.14 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

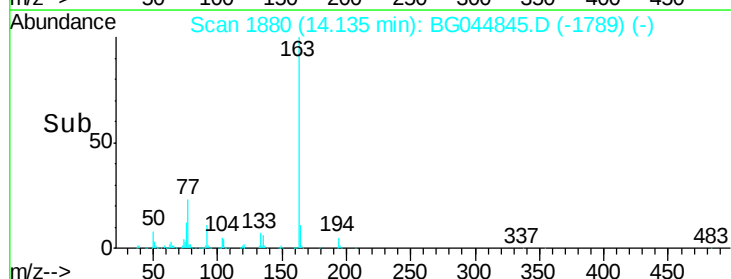
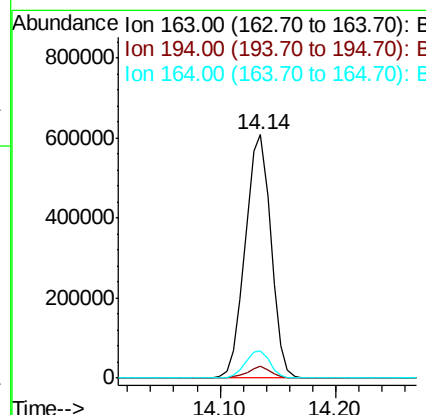
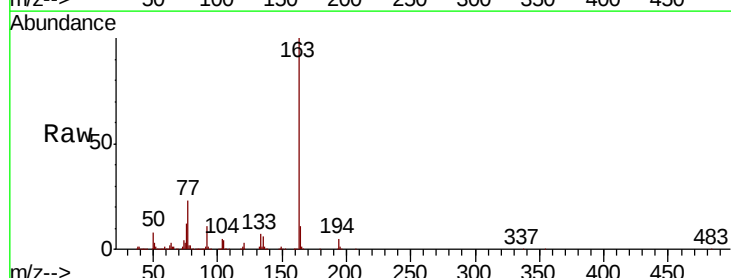
Tgt Ion:163 Resp: 936953

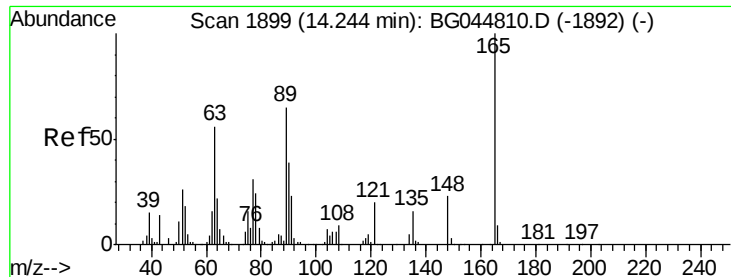
Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

164 11.0 9.1 13.7





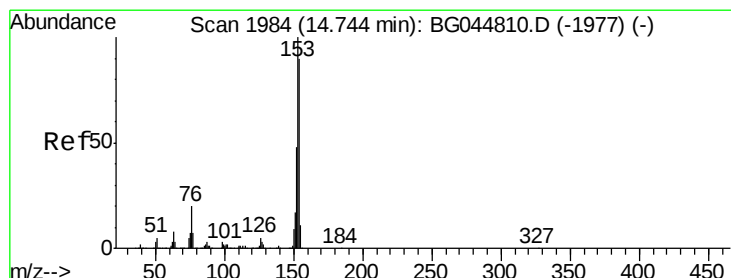
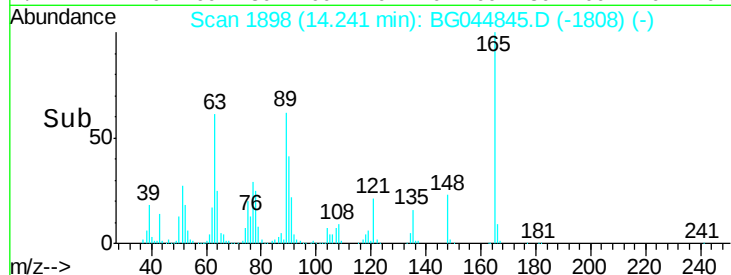
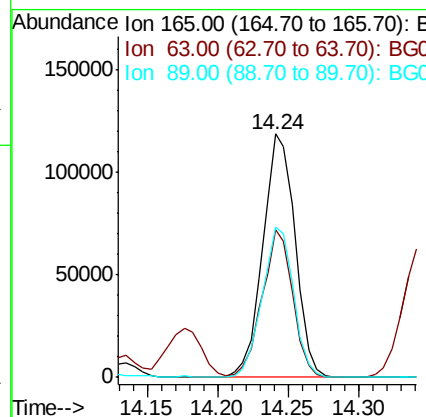
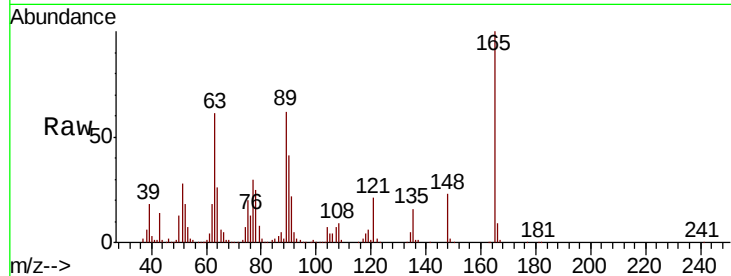
#51
 2,6-Dinitrotoluene
 Concen: 46.971 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BG044845.D
 Acq: 17 Mar 2020 23:08

Instrument :
 BNA_G
 ClientSampleId :
 P-2MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.8	45.8	68.8
89	61.7	51.8	77.6

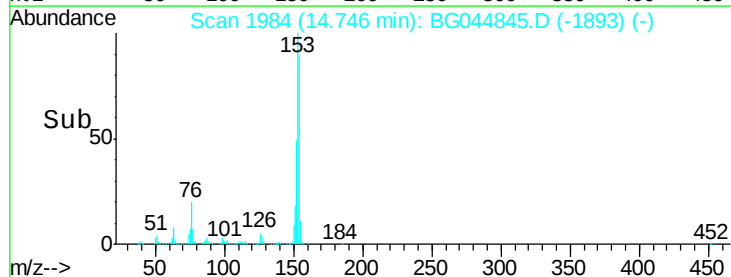
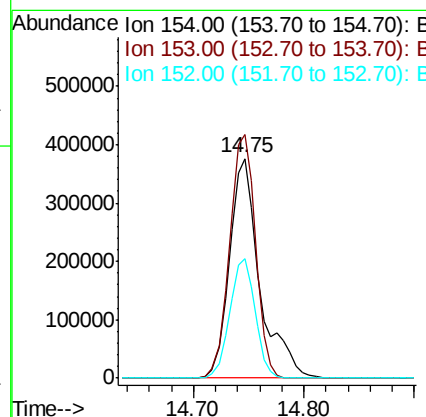
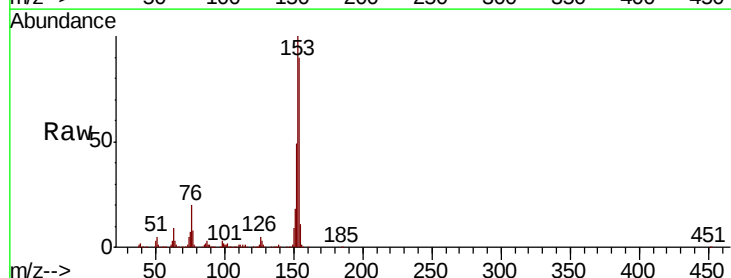
Manual Integrations
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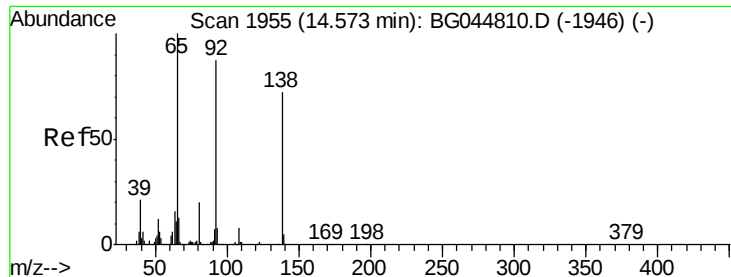
mohammad
 3/18/2020 4:00:25 PM



#52
 Acenaphthene
 Concen: 45.614 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: BG044845.D
 Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	89.0	133.6
152	54.6	43.0	64.6





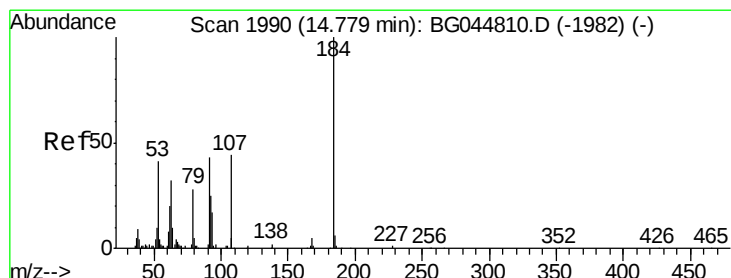
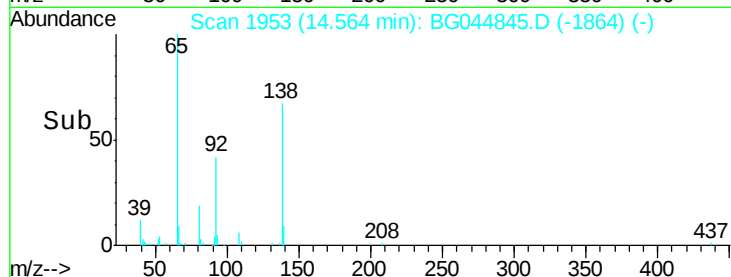
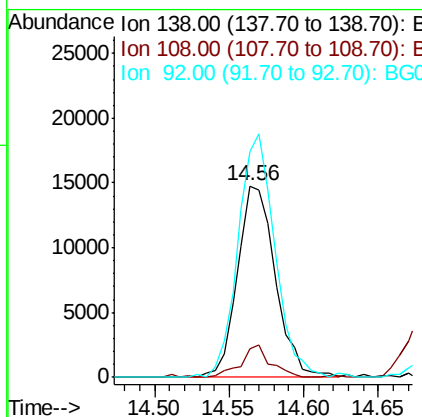
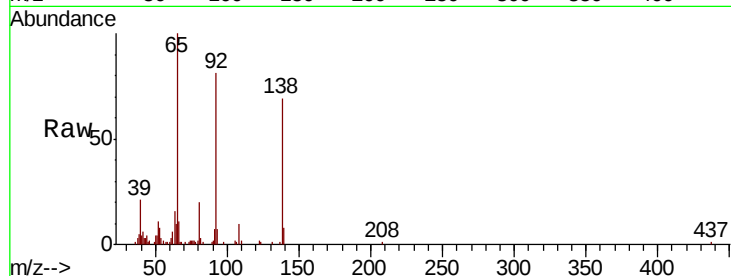
#53
3-Nitroaniline
Concen: 5.559 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
P-2MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	15.0	9.0	13.4#
92	117.7	96.8	145.2

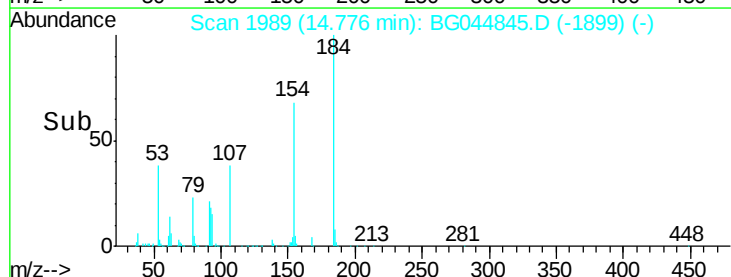
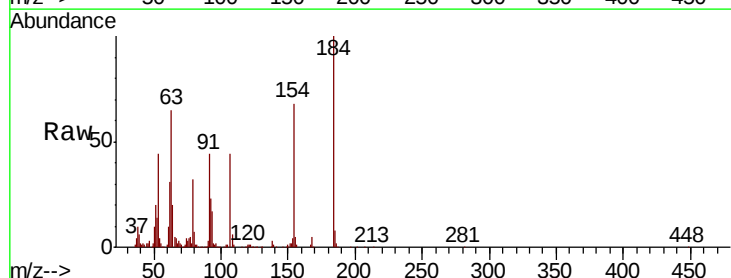
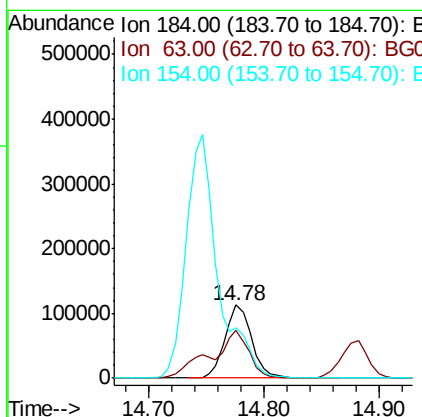
Manual Integrations
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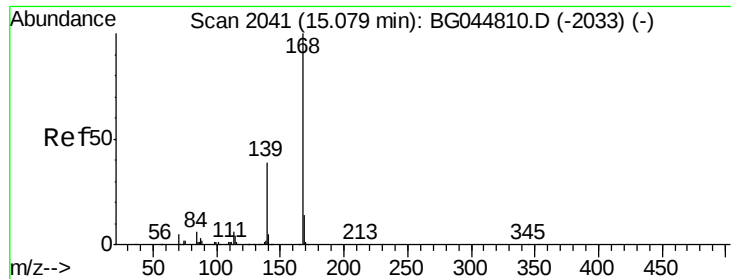
mohammad
3/18/2020 4:00:25 PM



#54
2,4-Dinitrophenol
Concen: 85.062 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.9	45.5	68.3
154	68.1	49.1	73.7





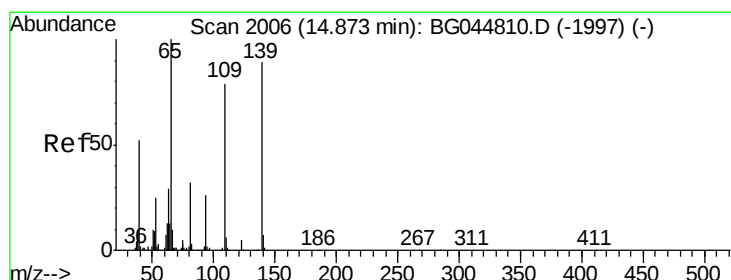
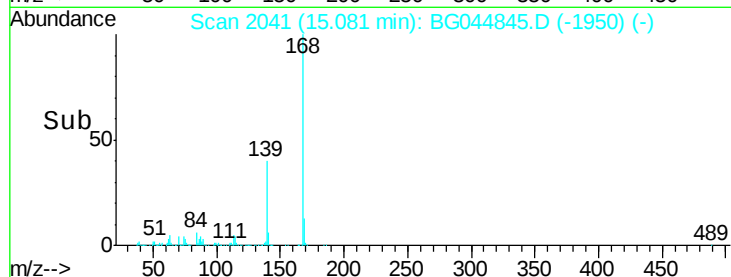
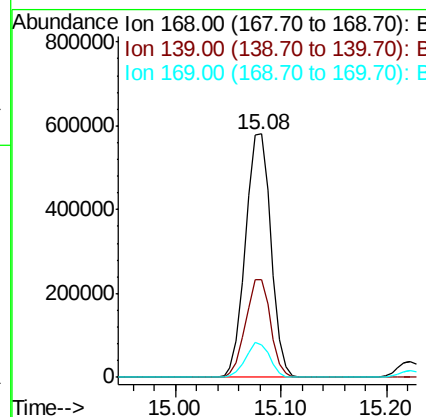
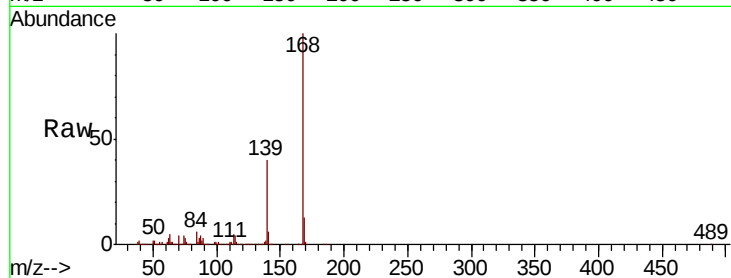
#55
Dibenzenofuran
Concen: 42.080 ng
RT: 15.08 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
P-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.2		31.4	47.0
169	13.4		11.1	16.7

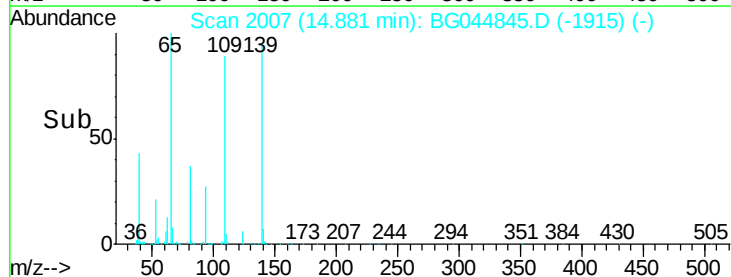
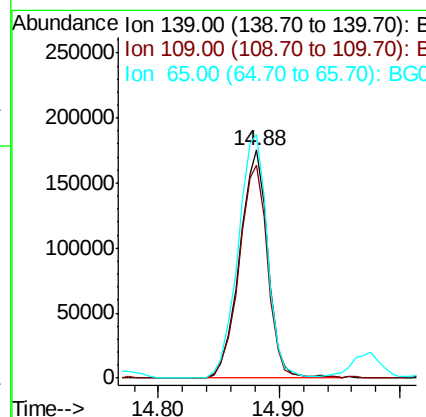
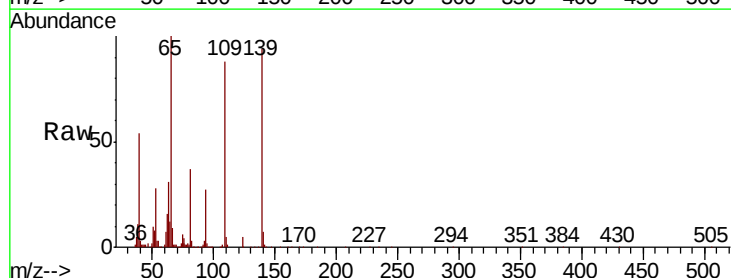
Manual Integrations
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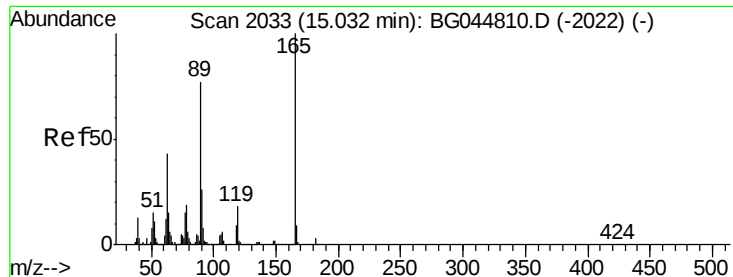
mohammad
3/18/2020 4:00:25 PM



#56
4-Nitrophenol
Concen: 80.290 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	93.7		68.8	108.8
65	106.9		92.5	132.5





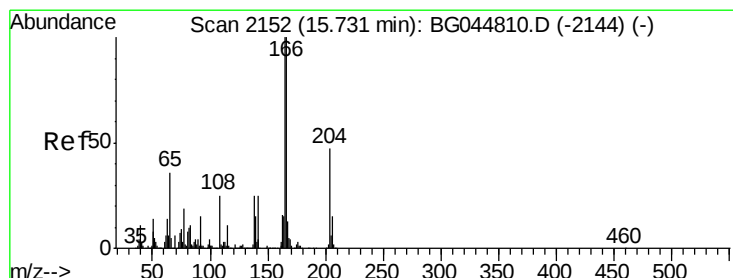
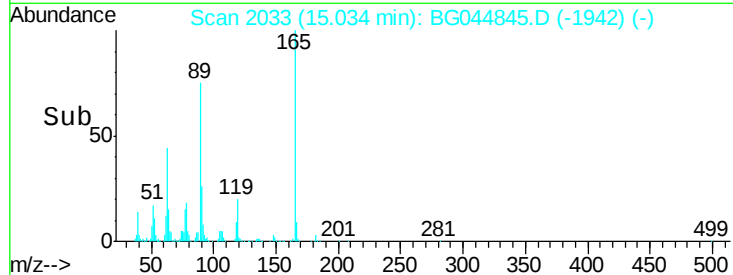
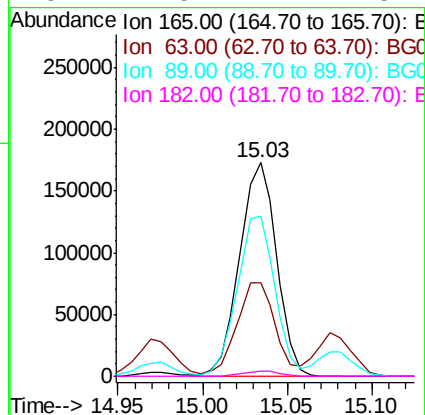
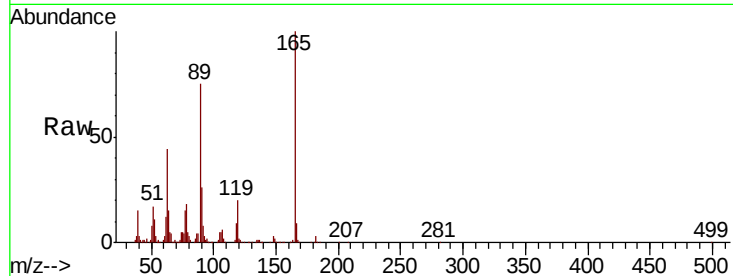
#57
2,4-Dinitrotoluene
Concen: 47.210 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
P-2MSD

Tot Ion:	165	Resp:	263428
Ion Ratio	Lower	Upper	
165	100		
63	43.8	34.6	52.0
89	75.2	61.3	91.9
182	2.5	2.2	3.2

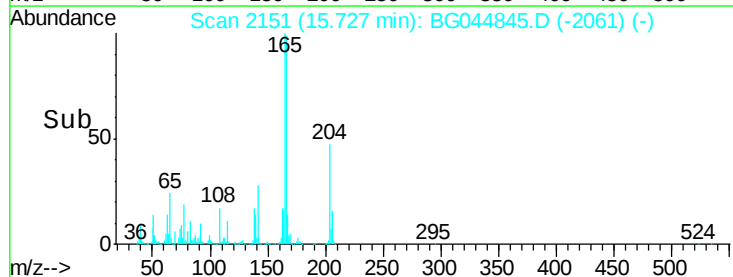
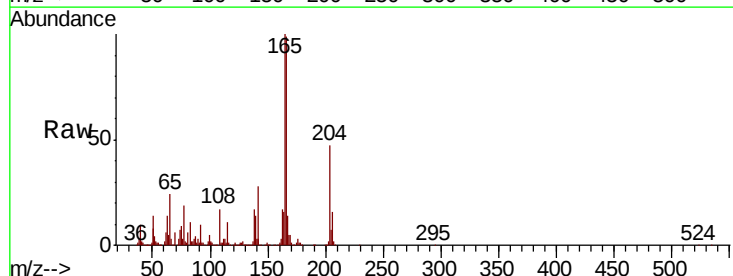
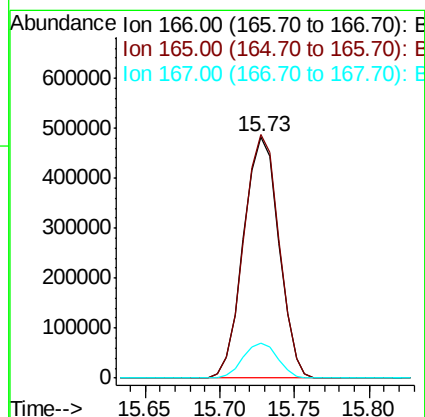
Manual Integrations
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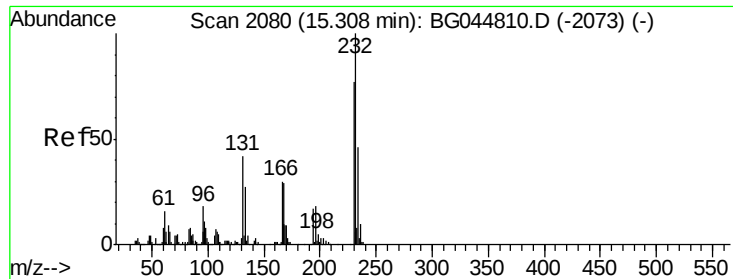
mohammad
3/18/2020 4:00:25 PM



#58
Fluorene
Concen: 41.856 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion:	166	Resp:	792549
Ion Ratio	Lower	Upper	
166	100		
165	100.9	79.7	119.5
167	14.6	10.6	16.0





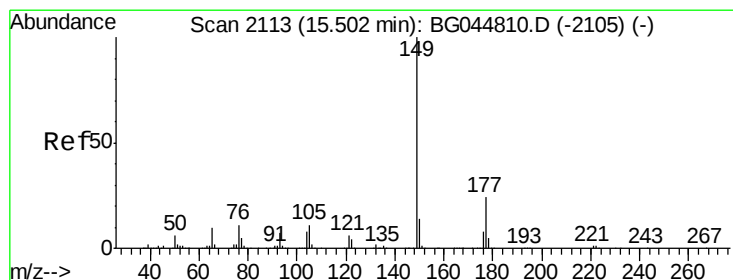
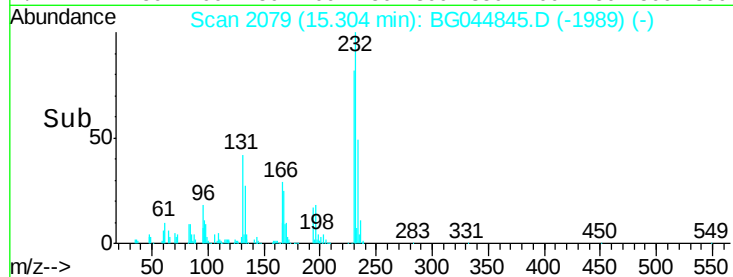
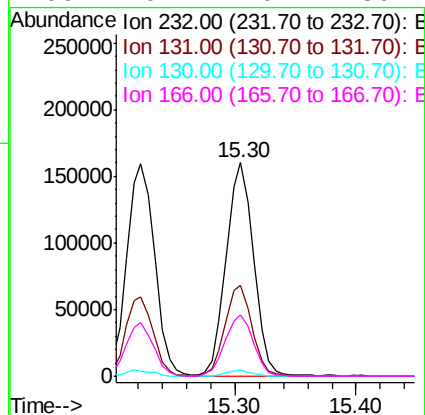
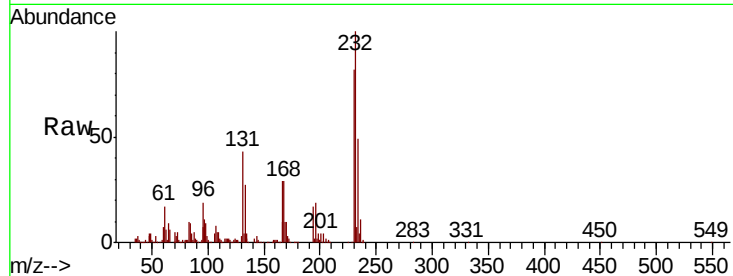
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.821 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: BG044845.D
 Acq: 17 Mar 2020 23:08

Instrument :
 BNA_G
 ClientSampleId :
 P-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		252901		
131	41.8	31.8	47.8		
130	2.7	2.2	3.2		
166	29.4	20.2	30.2		

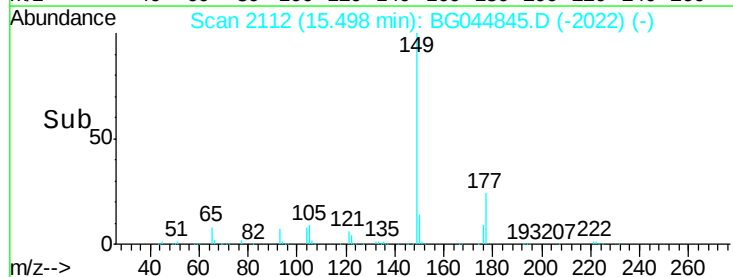
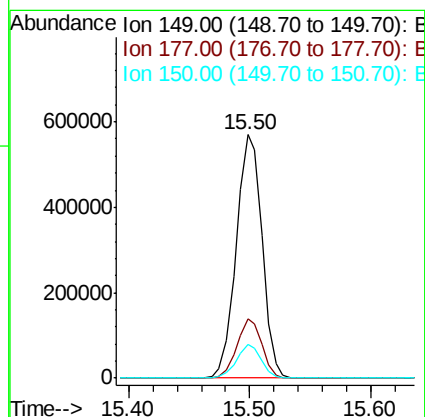
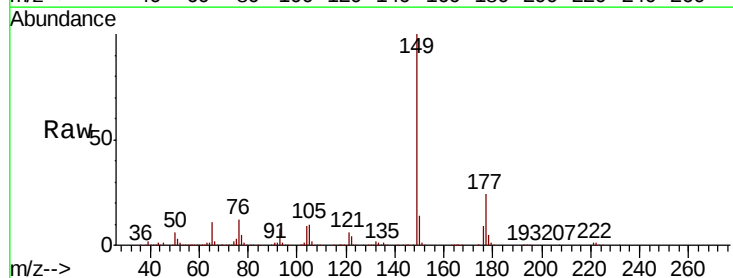
Manual Integrations
 APPROVED

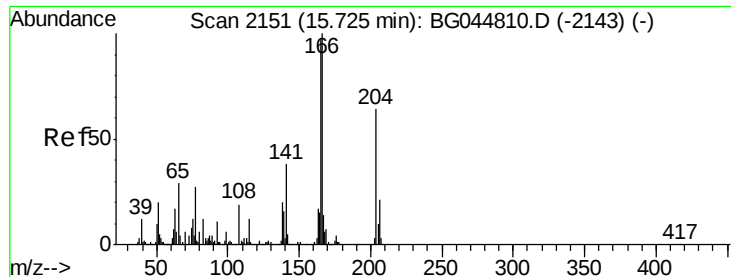
mohammad
 3/18/2020 4:00:25 PM



#60
 Diethylphthalate
 Concen: 40.165 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG044845.D
 Acq: 17 Mar 2020 23:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		845551		
177	24.3	19.3	28.9		
150	13.8	11.0	16.6		





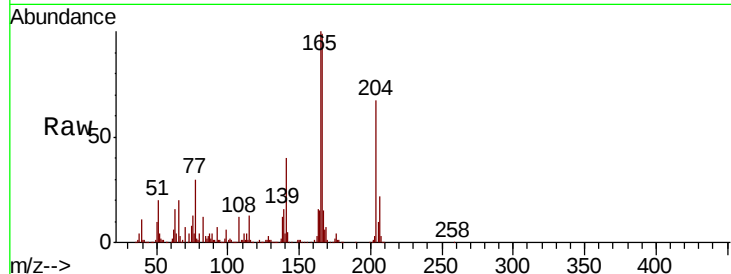
#61
4-Chlorophenyl-phenylether
Concen: 41.947 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
P-2MSD

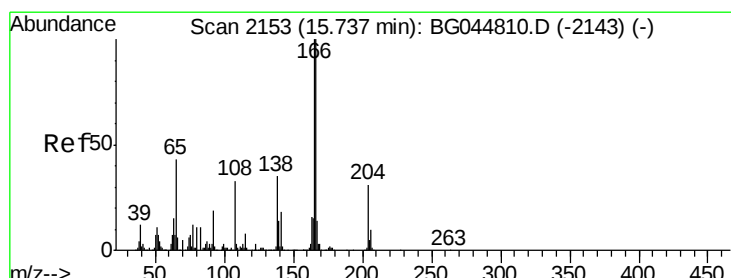
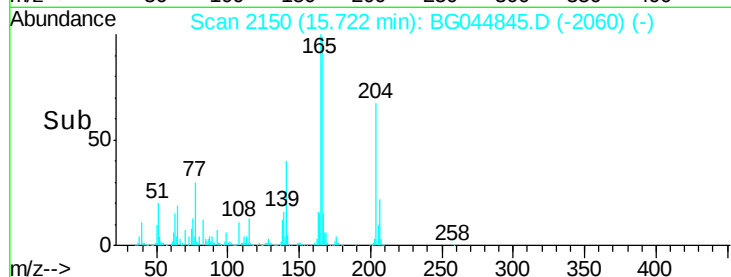
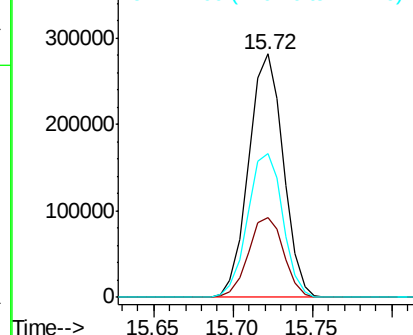
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.2
141	59.0	47.7	71.5

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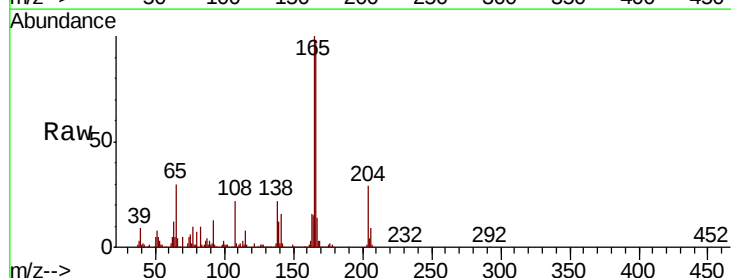


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

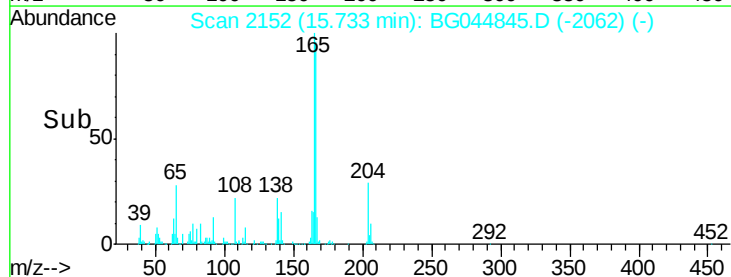
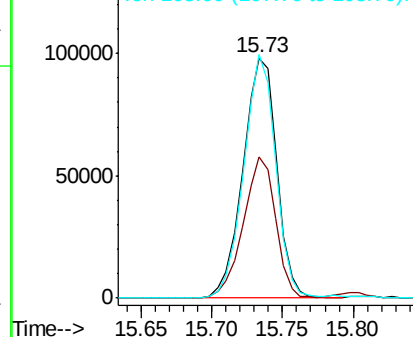


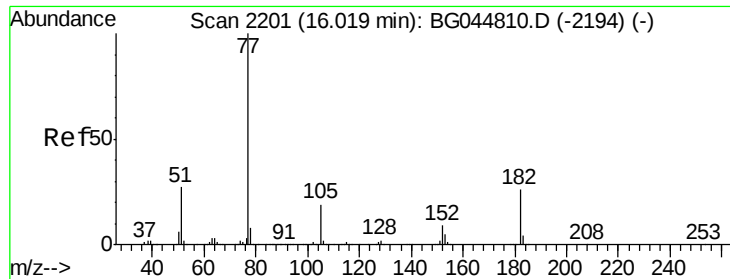
#62
4-Nitroaniline
Concen: 33.069 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.7	34.5	74.5
108	101.3	74.5	114.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





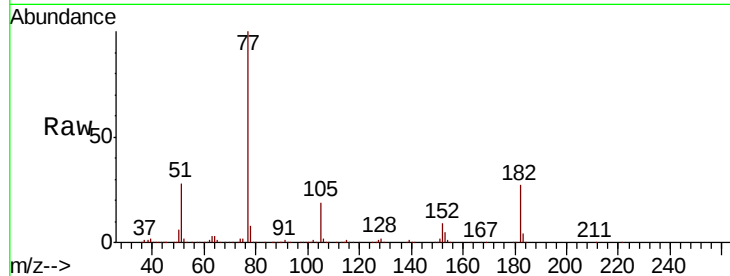
#63
Azobenzene
Concen: 39.332 ng
RT: 16.02 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
P-2MSD

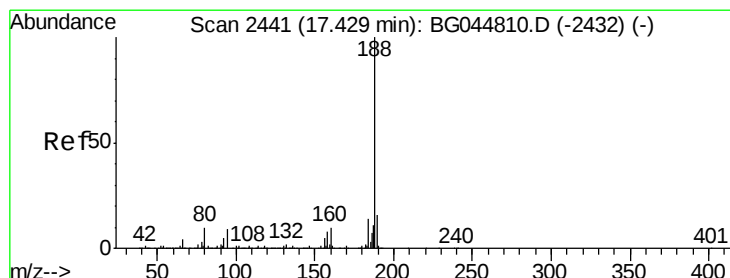
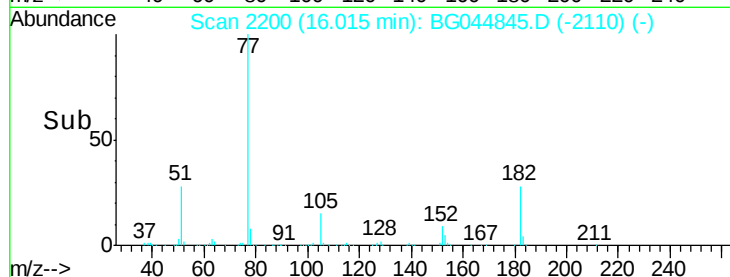
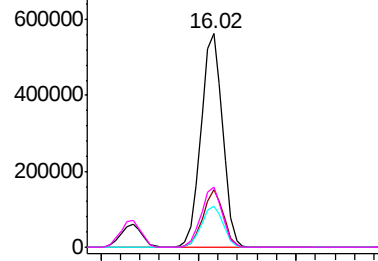
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.8	6.4	46.4	
105	19.3	0.0	39.1	
51	28.1	7.3	47.3	

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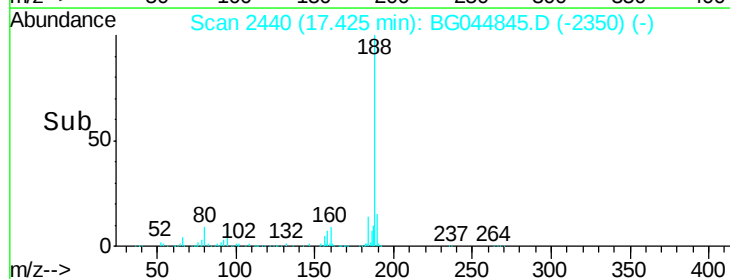
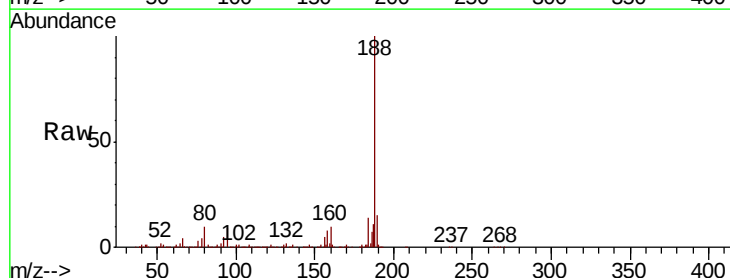
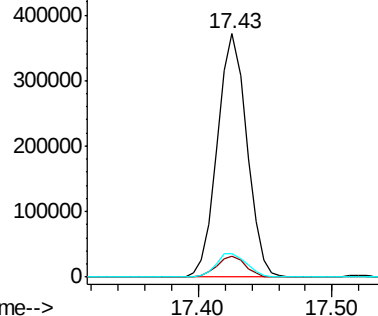
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

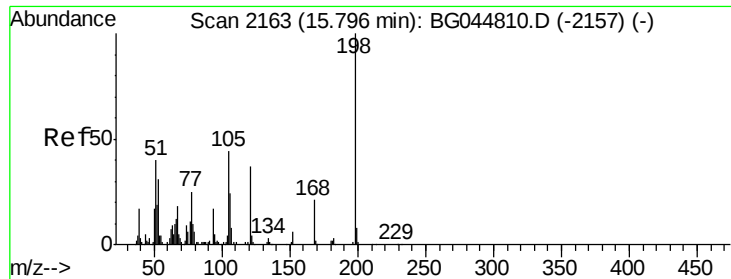


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.7	7.3	10.9	
80	9.8	8.0	12.0	

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





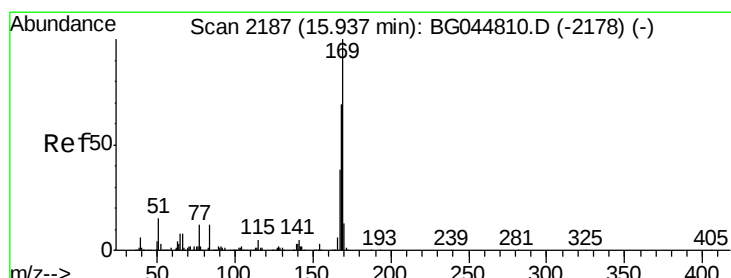
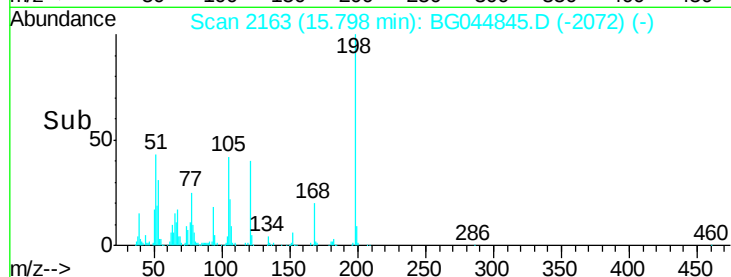
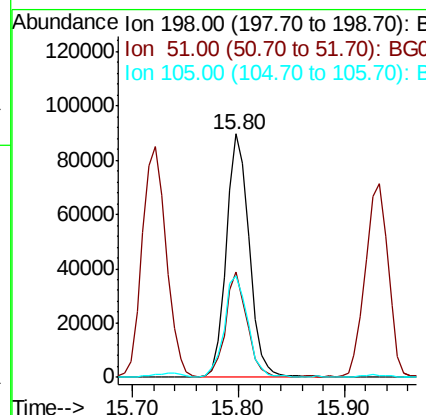
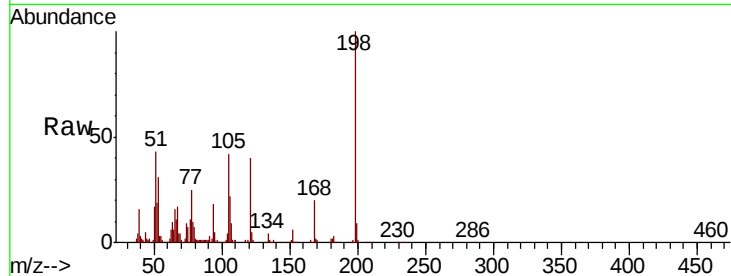
#65
4,6-Dinitro-2-methylphenol
Concen: 50.382 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
P-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	135142		
51	43.5	21.1	61.1	
105	41.7	24.5	64.5	

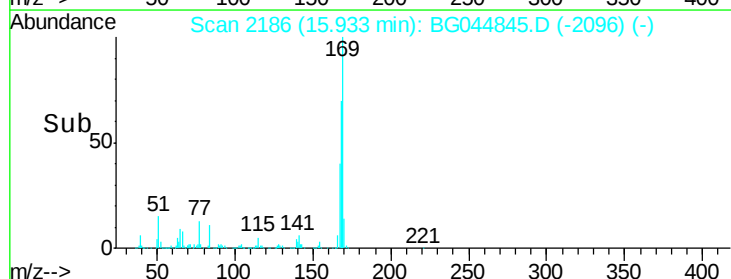
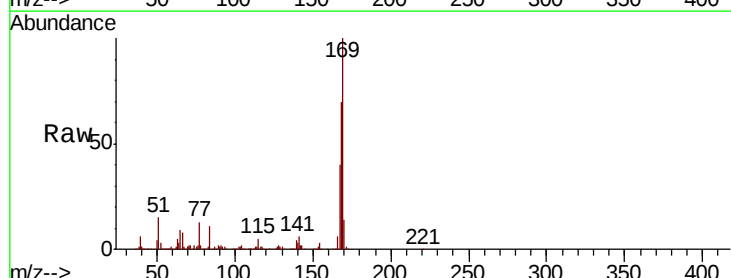
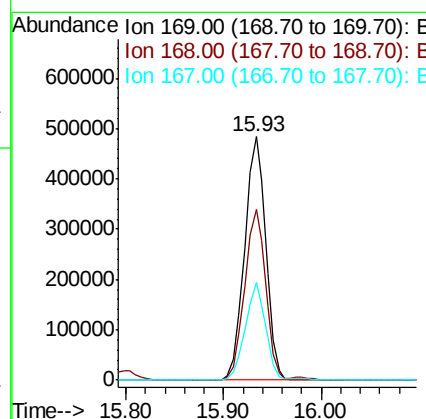
Manual Integrations
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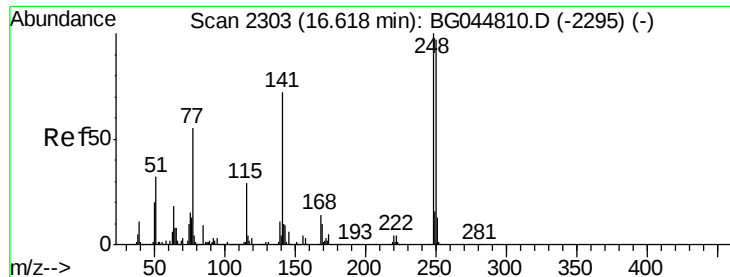
mohammad
3/18/2020 4:00:25 PM



#66
n-Nitrosodiphenylamine
Concen: 42.679 ng
RT: 15.93 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	725831		
168	70.1	55.4	83.2	
167	39.9	30.1	45.1	





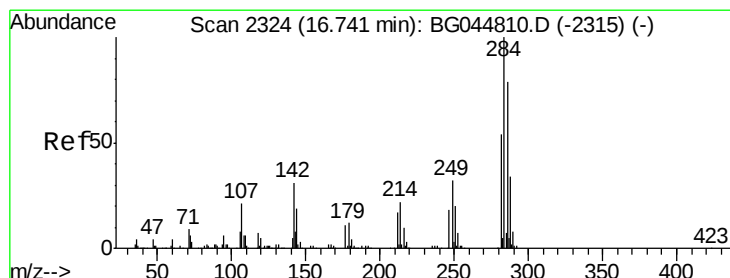
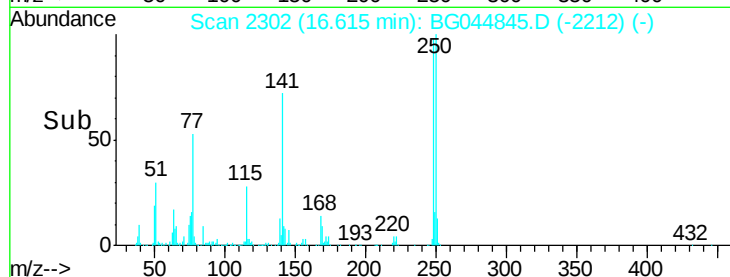
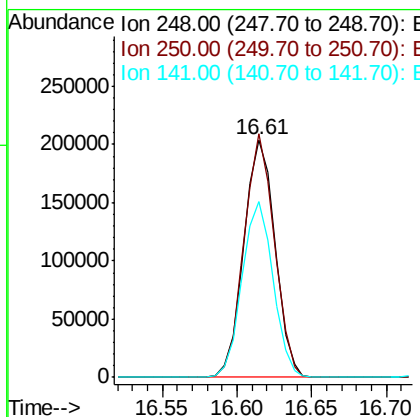
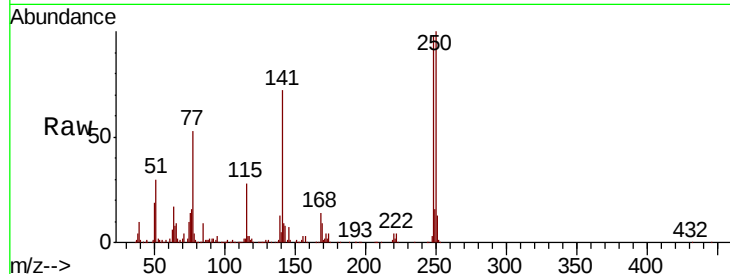
#67
4-Bromophenyl-phenylether
Concen: 41.725 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
P-2MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	102.4	77.9	116.9
141	73.7	57.5	86.3

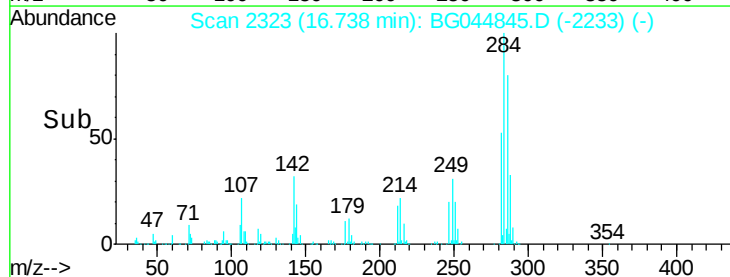
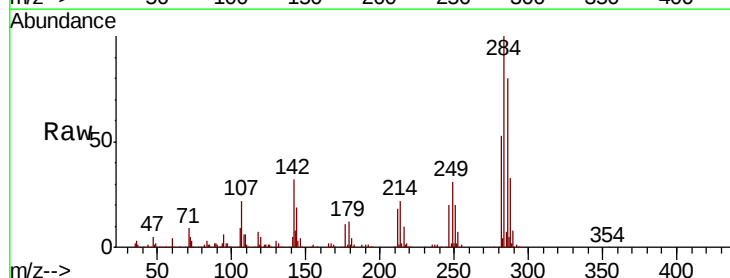
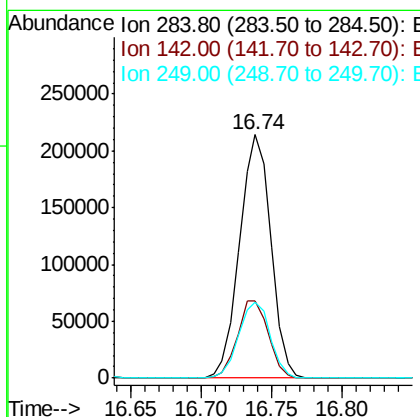
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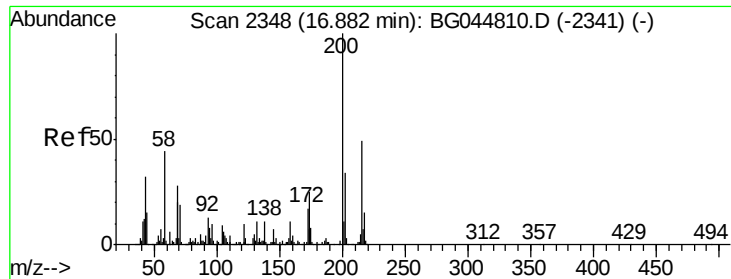
mohammad
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#68
Hexachlorobenzene
Concen: 43.370 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	25.0	37.6
249	31.3	25.8	38.8





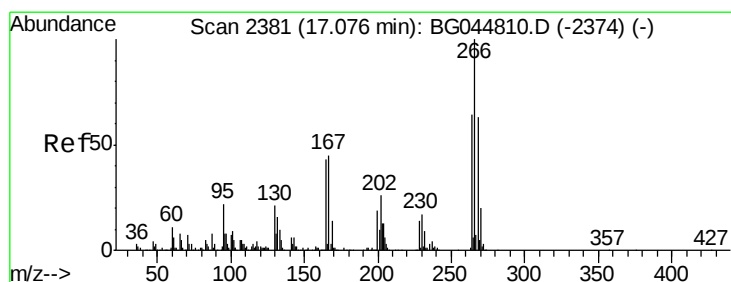
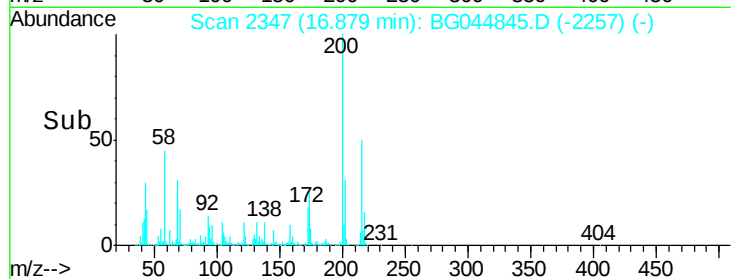
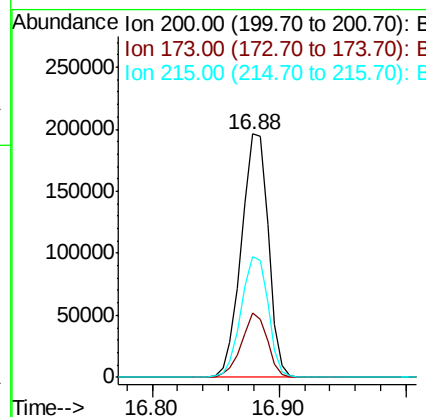
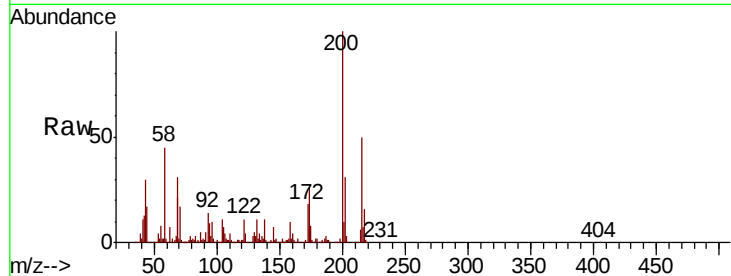
#69
Atrazine
Concen: 46.388 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
P-2MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.4	5.3	45.3
215	49.8	28.9	68.9

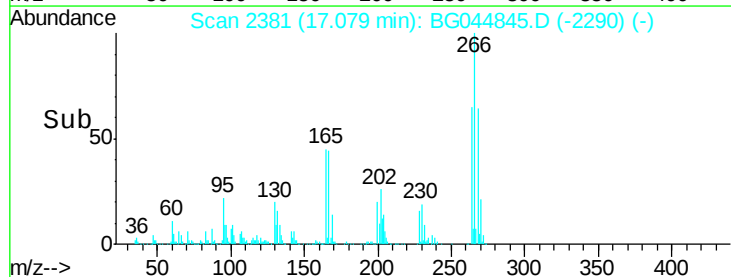
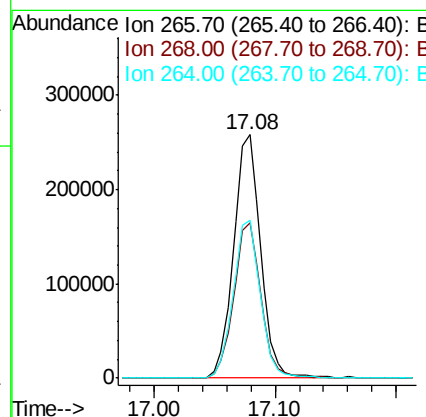
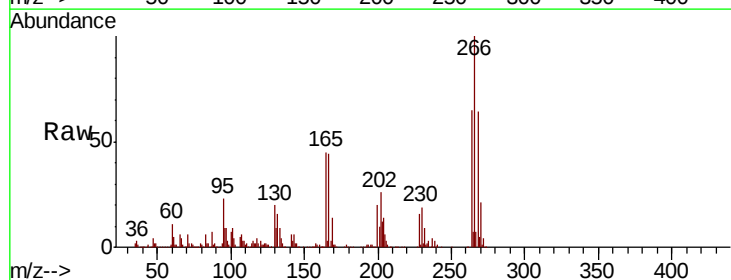
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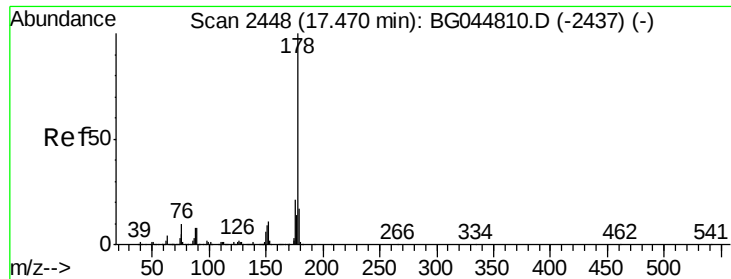
mohammad
3/18/2020 4:00:25 PM



#70
Pentachlorophenol
Concen: 95.652 ng
RT: 17.08 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.9	50.3	75.5
264	65.0	51.4	77.2





#71

Phenanthrene

Concen: 42.430 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Instrument :

BNA_G

ClientSampled :

P-2MSD

Tot Ion:178 Resp: 1280782

Ion Ratio Lower Upper

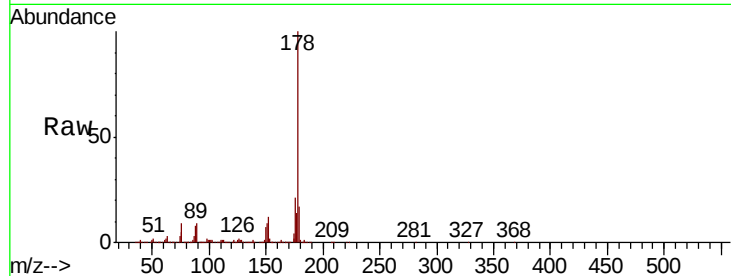
178 100

176 20.8 16.6 24.8

179 16.7 13.5 20.3

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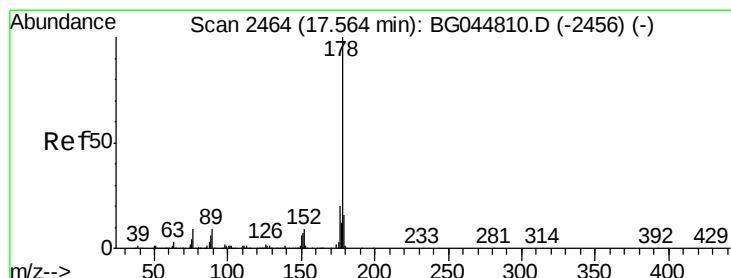
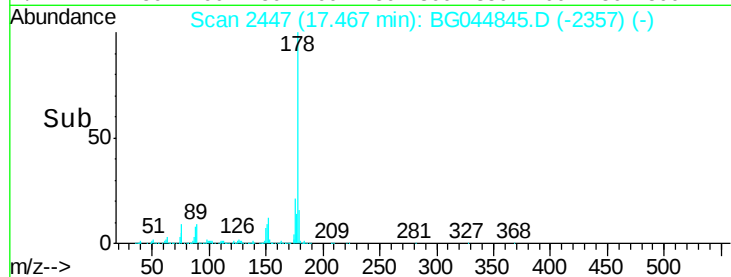
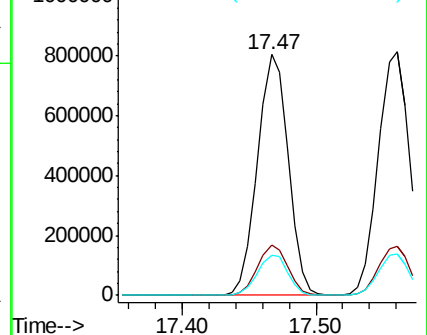
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.172 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

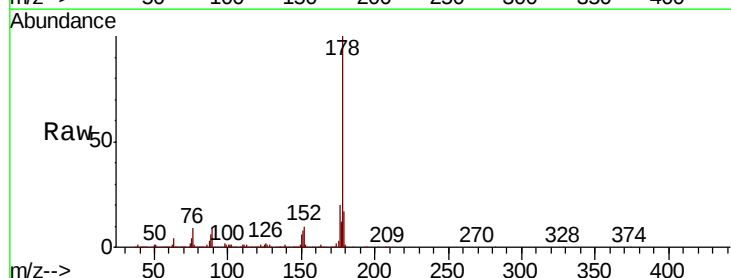
Tgt Ion:178 Resp: 1314775

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

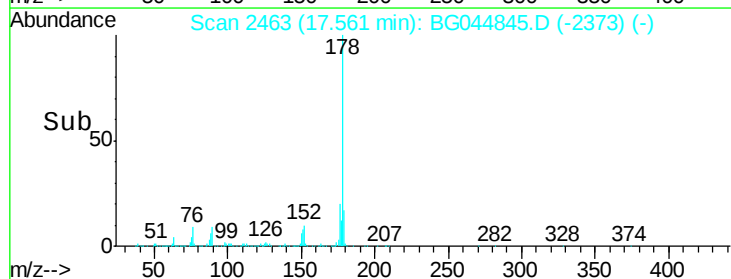
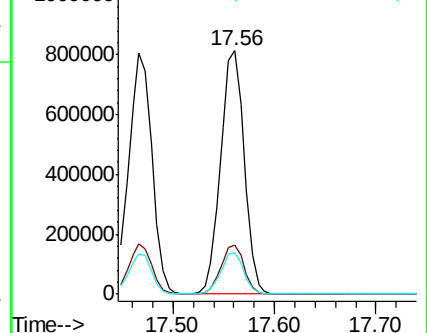
179 16.8 13.2 19.8

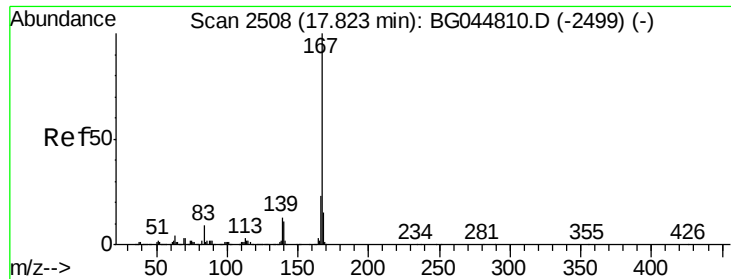


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.692 ng

RT: 17.82 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Instrument :

BNA_G

ClientSampled :

P-2MSD

Tot Ion:167 Resp: 1220640

Ion Ratio Lower Upper

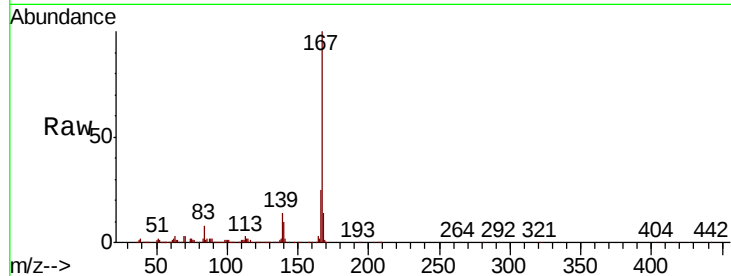
167 100

166 25.4 18.8 28.2

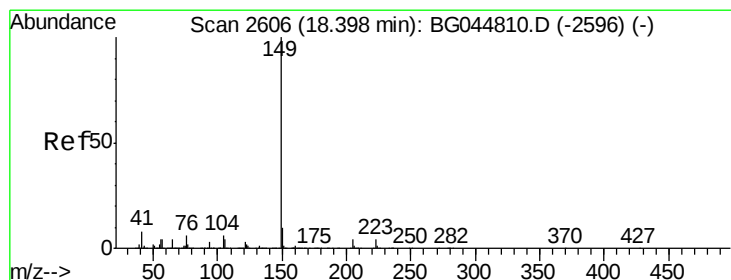
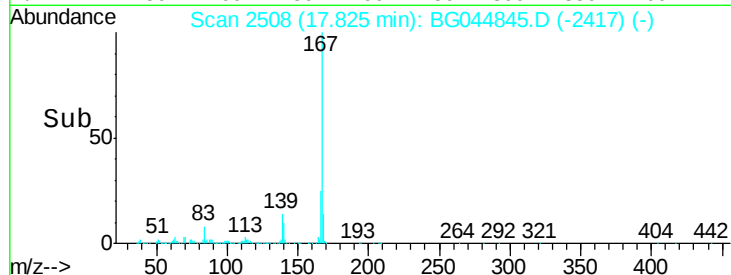
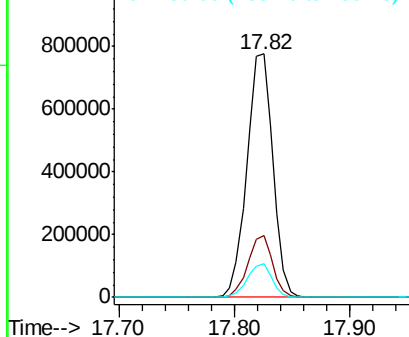
139 13.9 10.8 16.2

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.375 ng

RT: 18.39 min Scan# 2605

Delta R.T. -0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

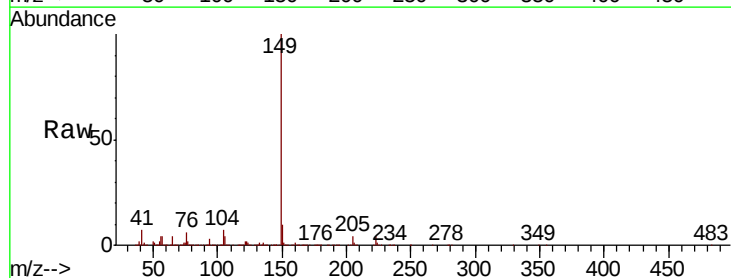
Tgt Ion:149 Resp: 1438029

Ion Ratio Lower Upper

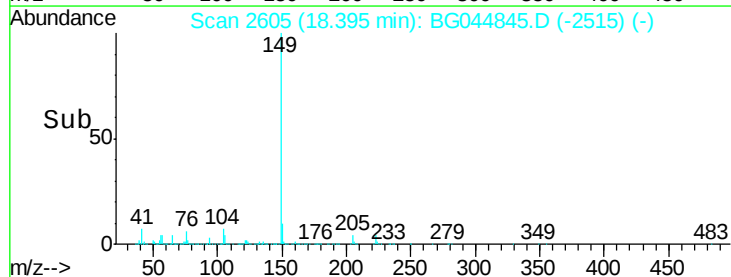
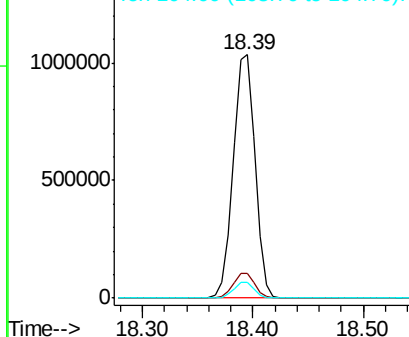
149 100

150 10.1 8.1 12.1

104 6.6 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.367 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Instrument :

BNA_G

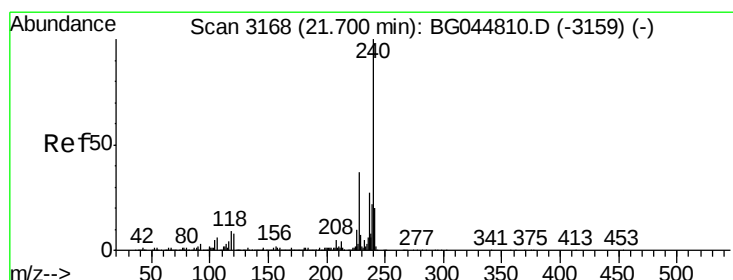
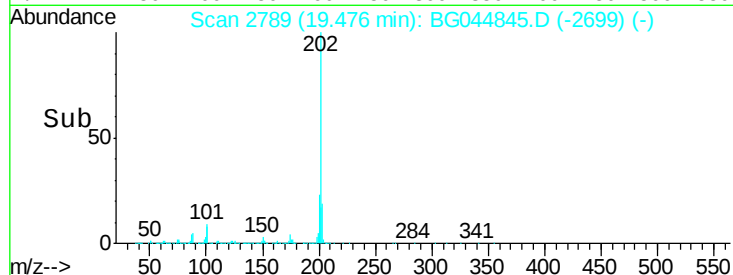
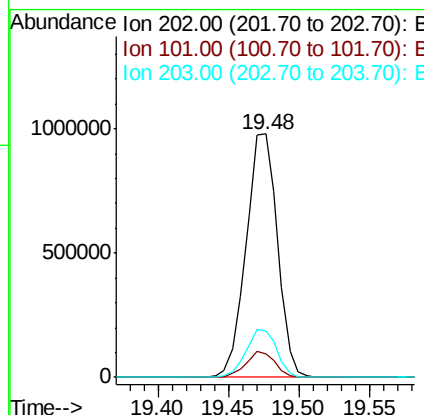
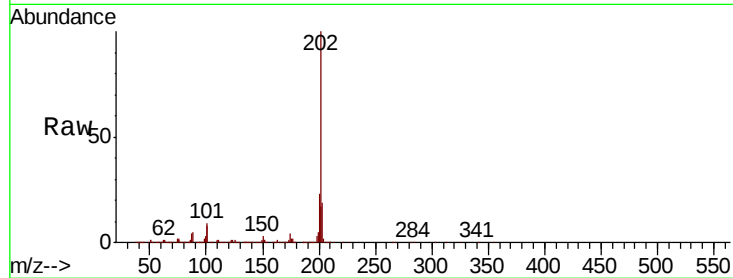
ClientSampled :

P-2MSD

Tot Ion:	202	Resp:	1522753
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	29.8
203	19.1	0.0	39.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

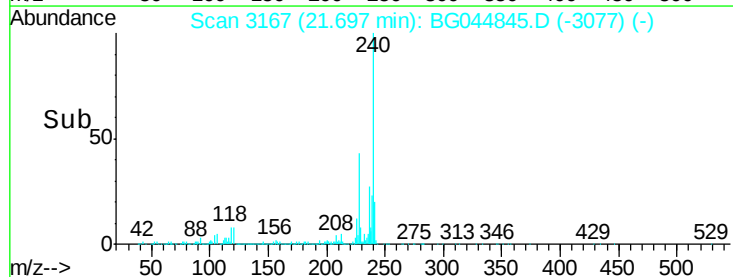
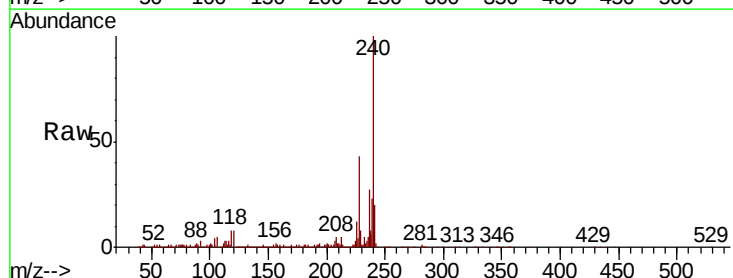
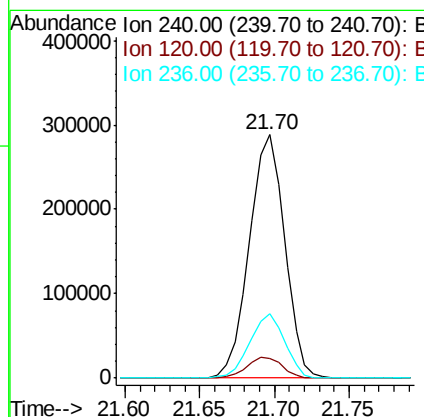
RT: 21.70 min Scan# 3167

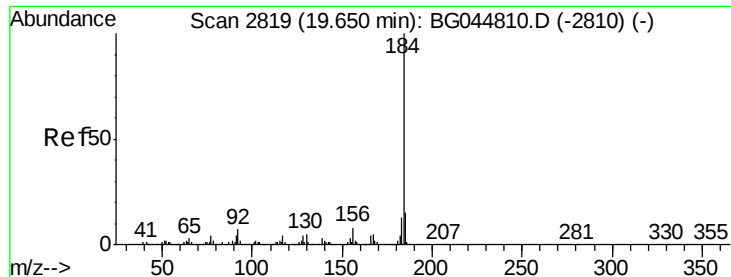
Delta R.T. -0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Tgt Ion:	240	Resp:	472567
Ion Ratio	Lower	Upper	
240	100		
120	7.9	6.7	10.1
236	26.7	21.5	32.3





#77

Benzidine

Concen: 16.321 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Instrument :

BNA_G

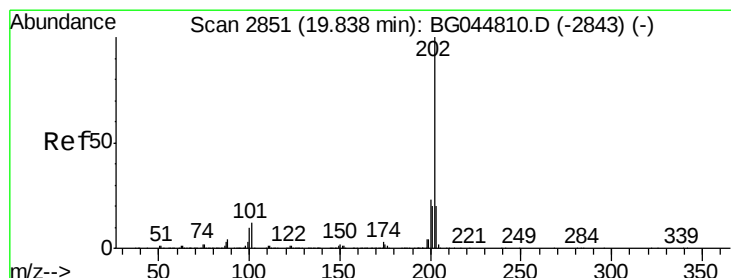
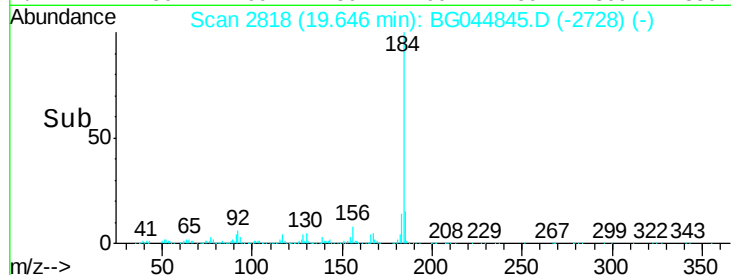
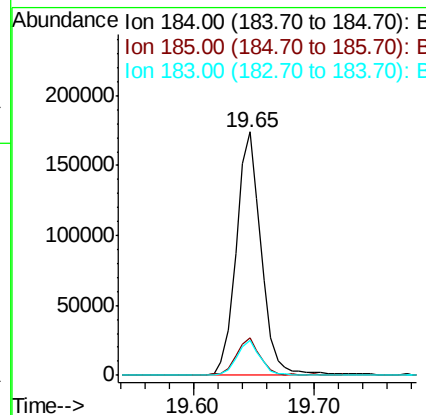
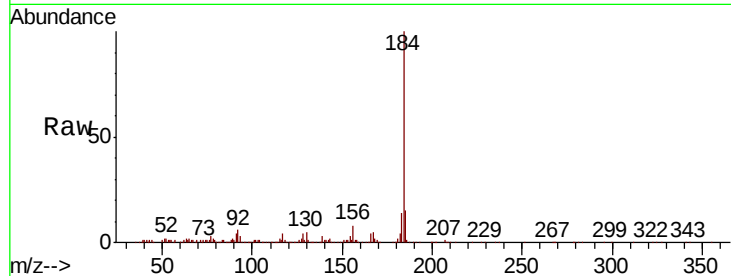
ClientSampleId :

P-2MSD

Tot Ion:	184	Resp:	250390
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.2	18.4
183	14.3	10.7	16.1

Manual Integrations
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#78

Pyrene

Concen: 43.485 ng

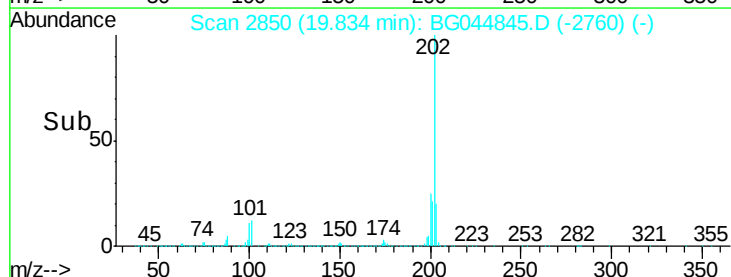
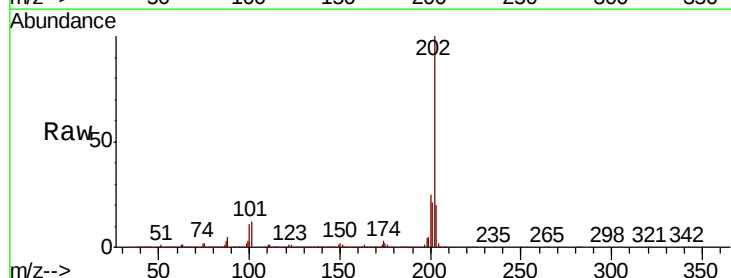
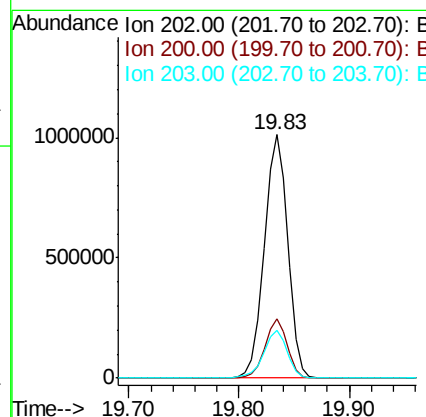
RT: 19.83 min Scan# 2850

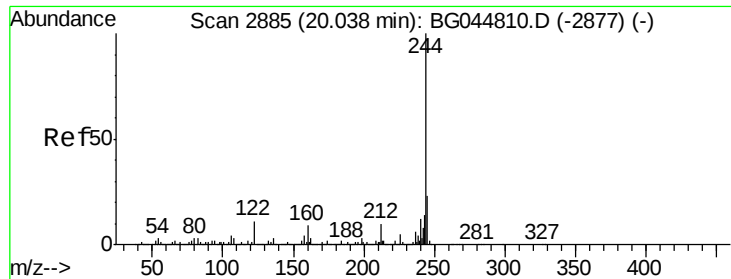
Delta R.T. -0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Tgt Ion:	202	Resp:	1507648
Ion Ratio	Lower	Upper	
202	100		
200	24.6	18.3	27.5
203	19.5	15.6	23.4





#79

Terphenyl-d14

Concen: 81.874 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Instrument :

BNA_G

ClientSampleId :

P-2MSD

Tot Ion:244 Resp: 2068426

Ion Ratio Lower Upper

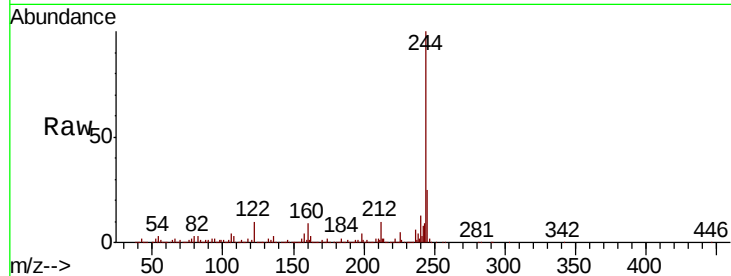
244 100

212 10.1 7.7 11.5

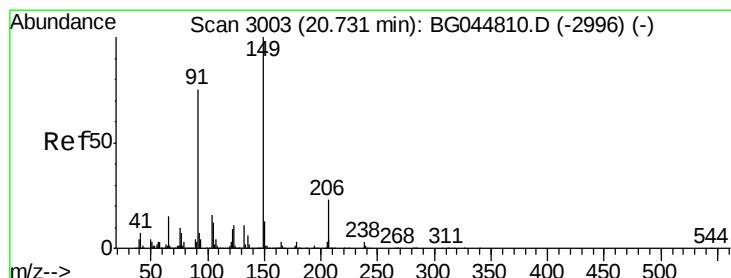
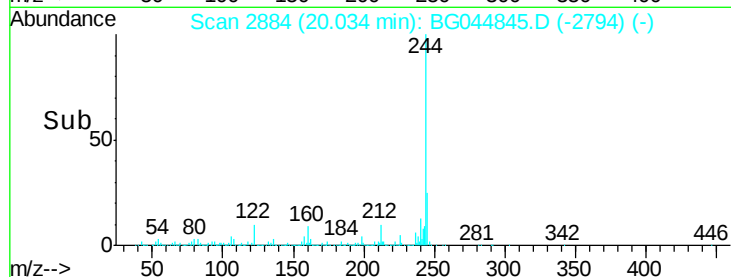
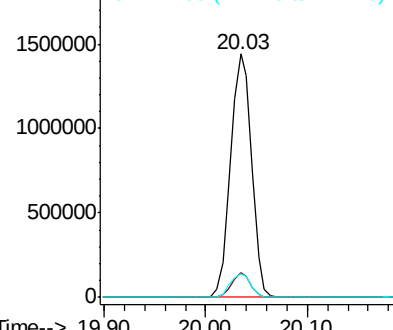
122 9.9 8.6 12.8

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Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.749 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

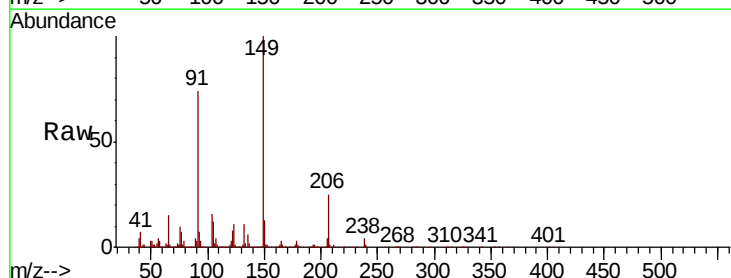
Tgt Ion:149 Resp: 643949

Ion Ratio Lower Upper

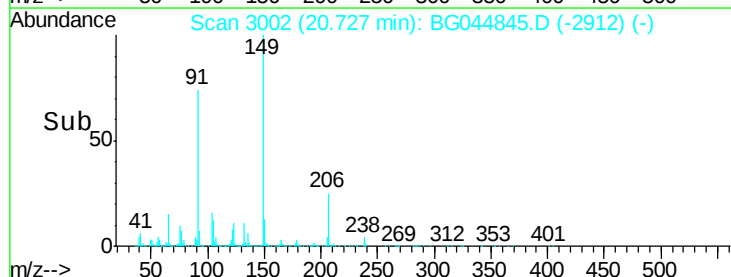
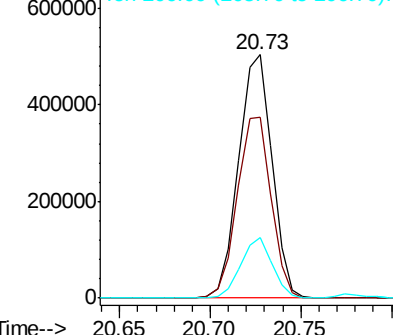
149 100

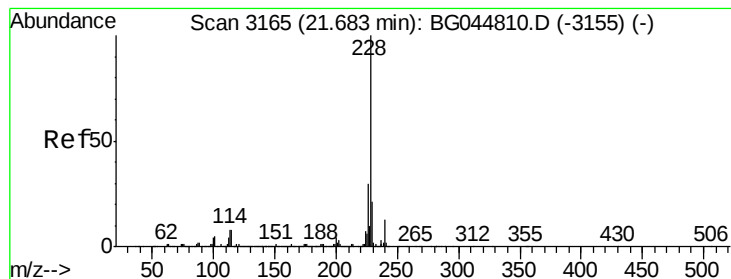
91 74.1 60.2 90.4

206 25.0 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E
600000
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.028 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Instrument :

BNA_G

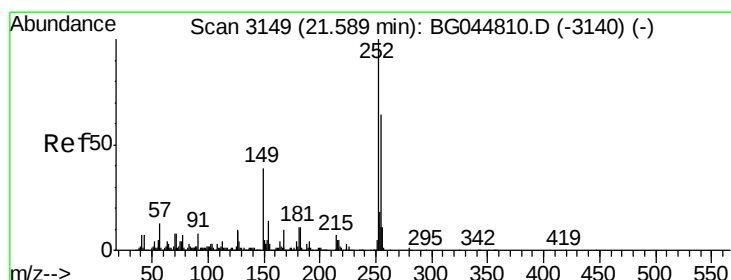
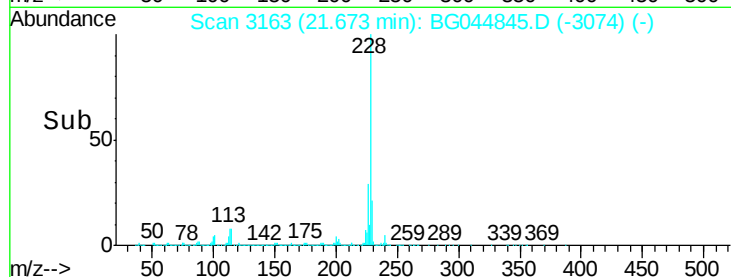
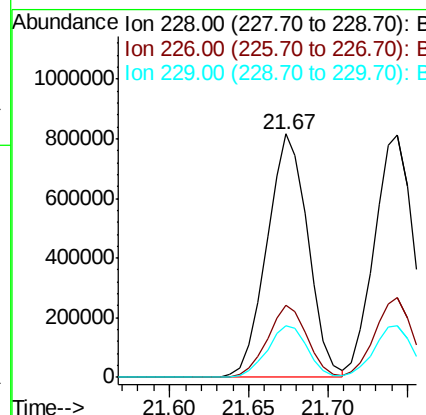
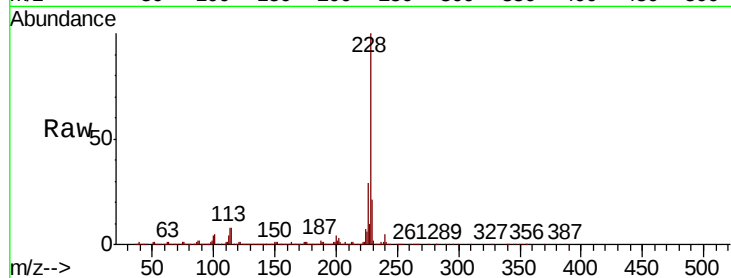
ClientSampleId :

P-2MSD

Tot Ion:	228	Resp:	1464157
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.6	35.4
229	21.4	17.1	25.7

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 9.942 ng

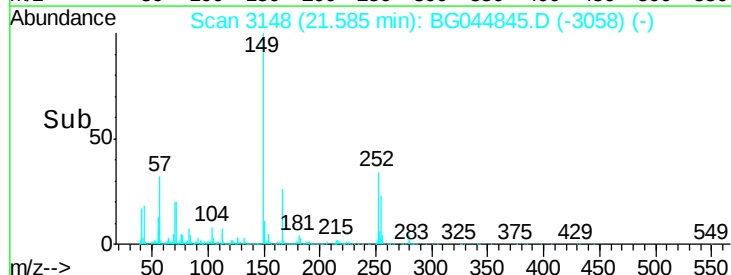
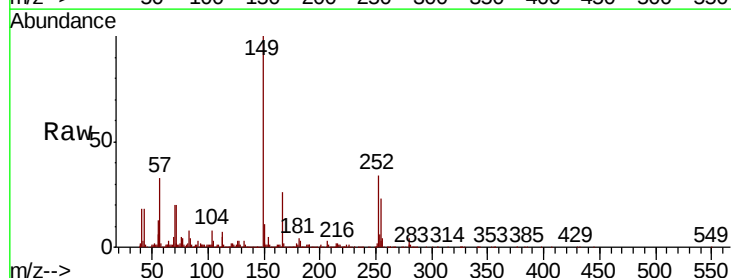
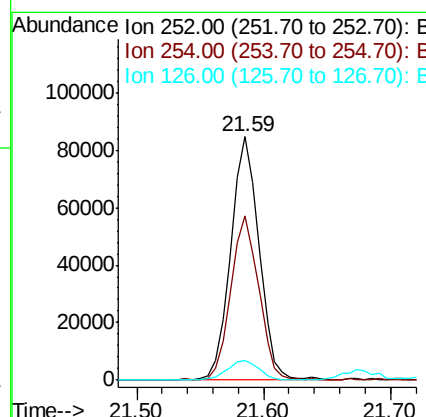
RT: 21.59 min Scan# 3148

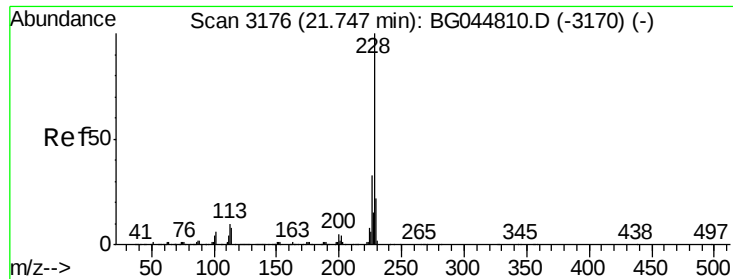
Delta R.T. -0.00 min

Lab File: BG044845.D

Acq: 17 Mar 2020 23:08

Tgt Ion:	252	Resp:	130882
Ion	Ratio	Lower	Upper
252	100		
254	67.3	51.6	77.4
126	8.1	7.0	10.6





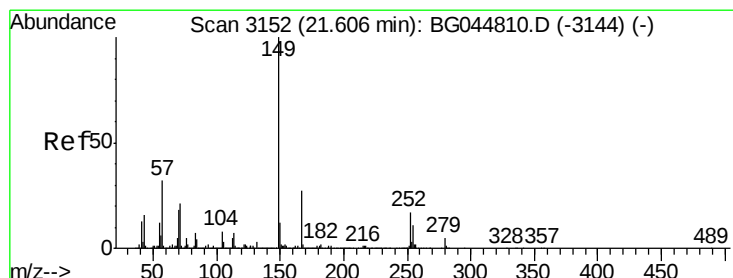
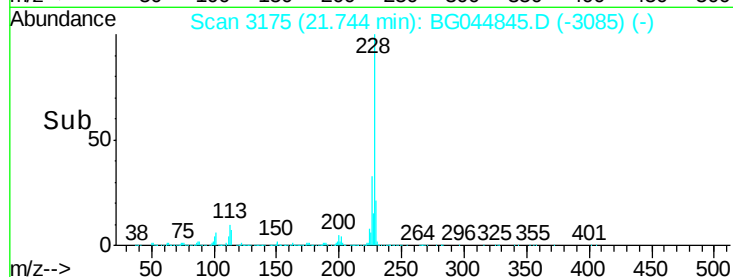
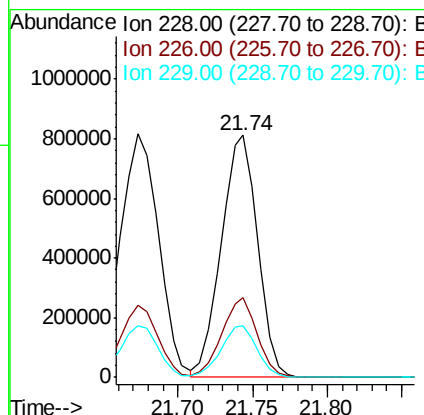
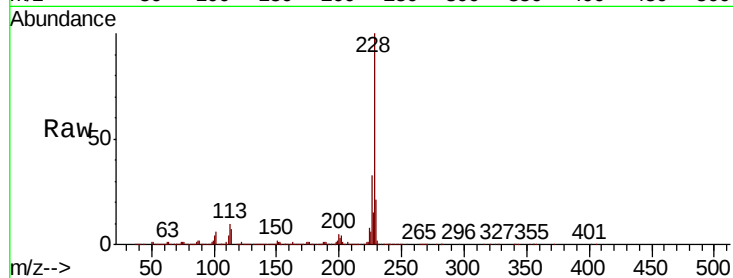
#83
Chrysene
Concen: 42.438 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
P-2MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.9	38.9
229	21.3	17.4	26.0

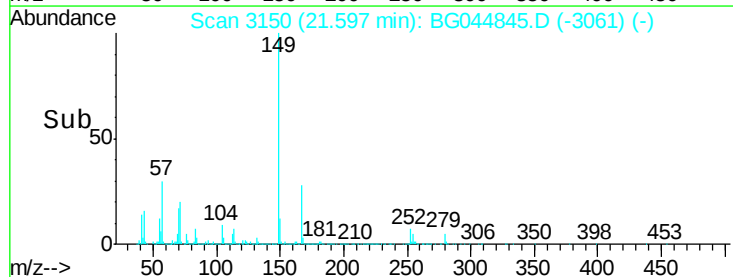
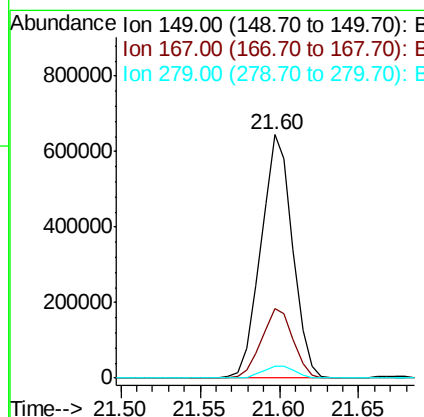
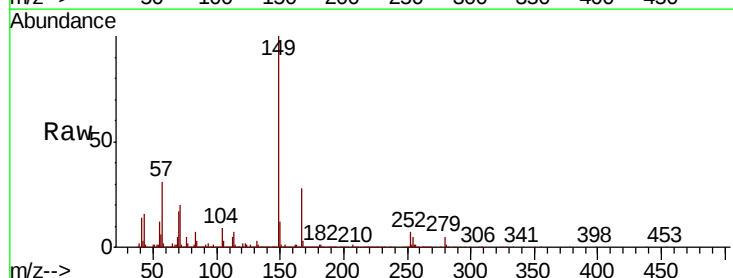
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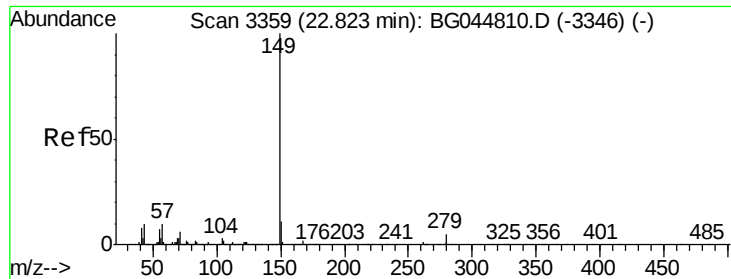
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.005 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.8	32.6
279	5.0	3.8	5.6





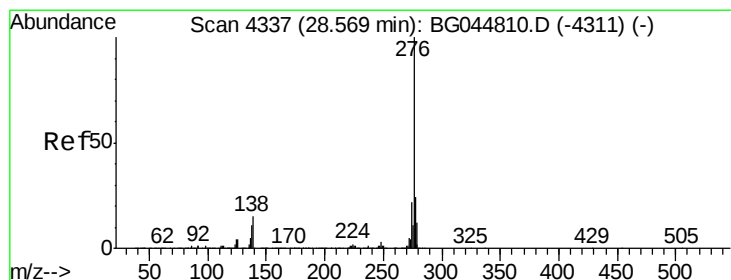
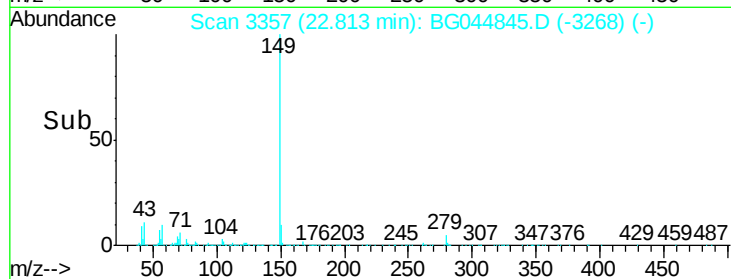
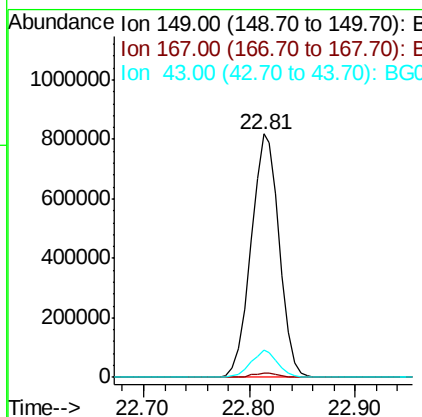
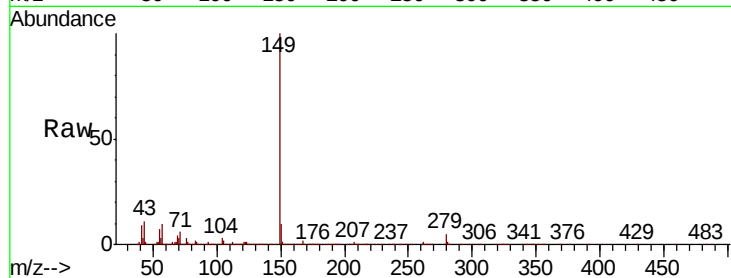
#85
Di-n-octyl phthalate
Concen: 42.442 ng
RT: 22.81 min Scan# 3357
Delta R.T. -0.01 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampled :
P-2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.3	8.2	12.4

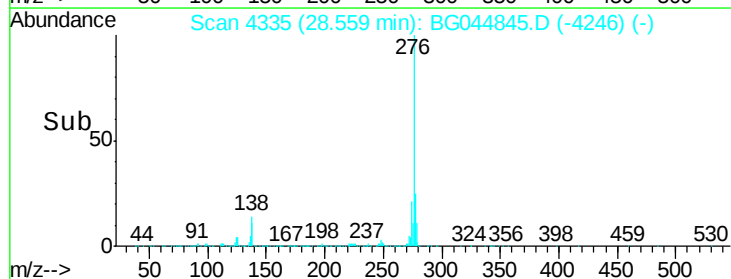
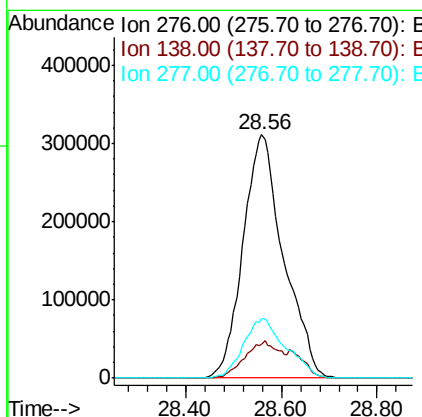
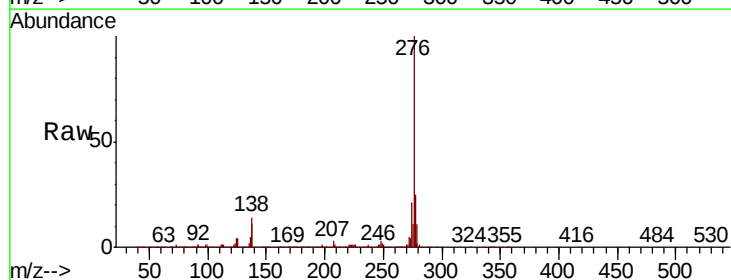
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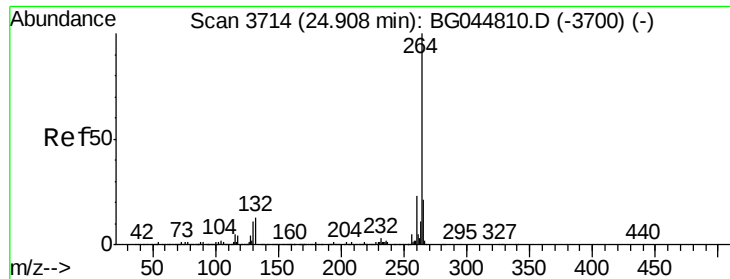
mohammad
3/18/2020 4:00:25 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.852 ng
RT: 28.56 min Scan# 4335
Delta R.T. -0.01 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.8	7.4	11.0#
277	25.5	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: BG044845.D

Acq: 17 Mar 2020 23:08

Instrument :

BNA_G

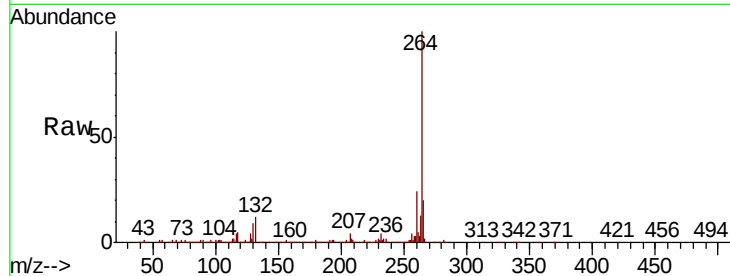
ClientSampleId :

P-2MSD

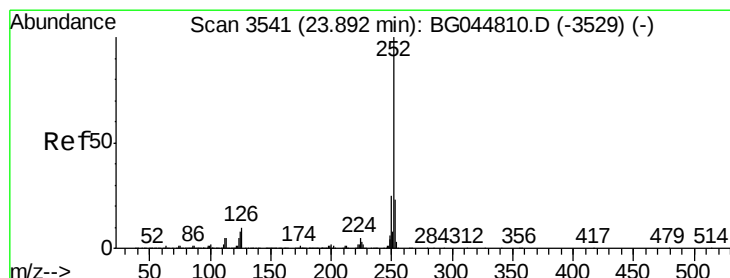
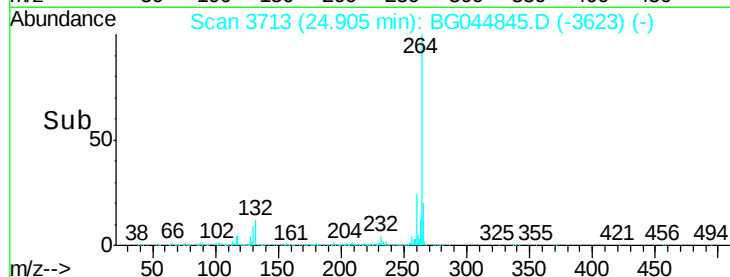
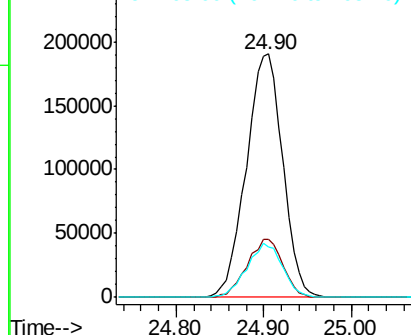
Tot Ion:	264	Resp:	538466
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.1	27.1
265	20.4	17.1	25.7

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.689 ng

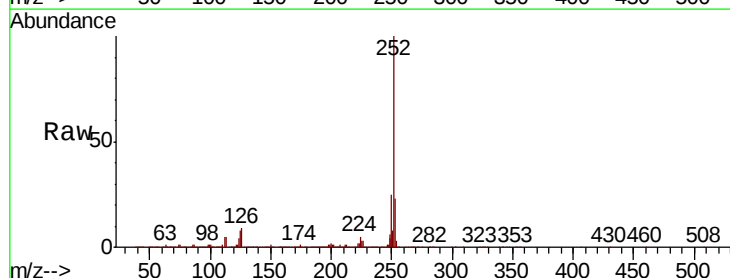
RT: 23.89 min Scan# 3541

Delta R.T. 0.00 min

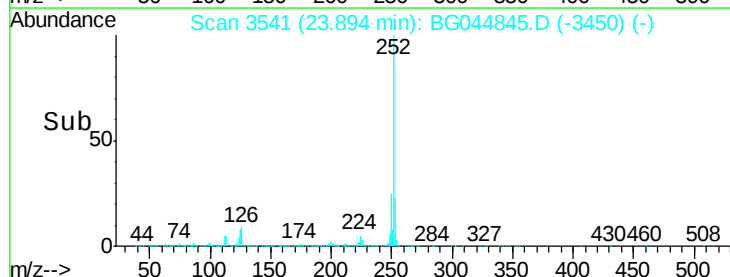
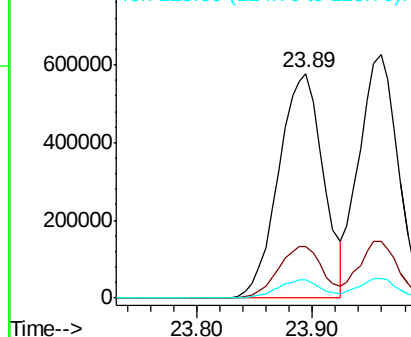
Lab File: BG044845.D

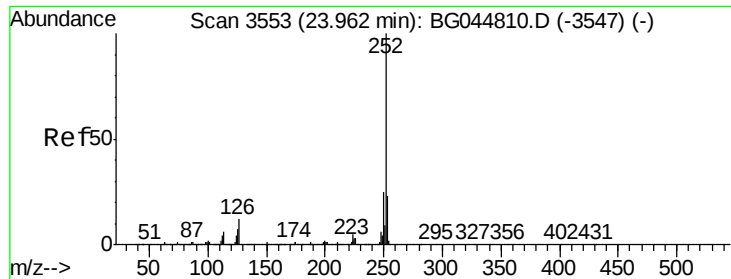
Acq: 17 Mar 2020 23:08

Tgt Ion:	252	Resp:	1553073
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.1	27.1
125	8.2	6.6	9.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





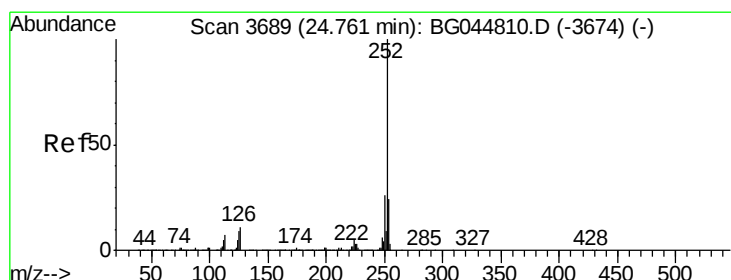
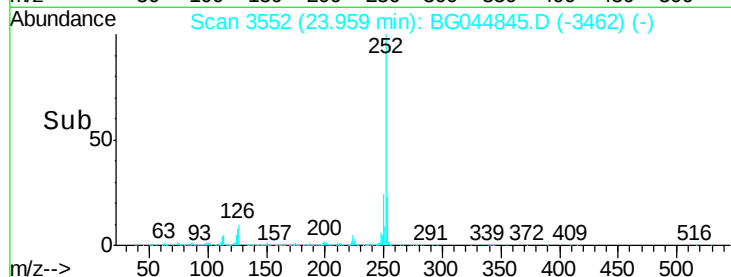
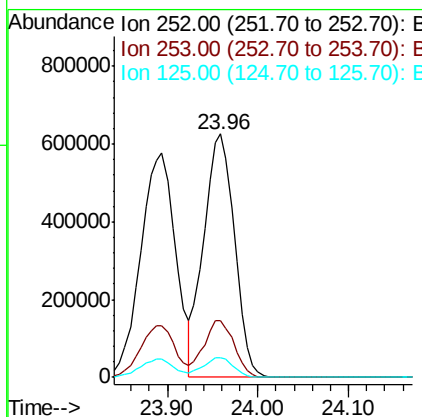
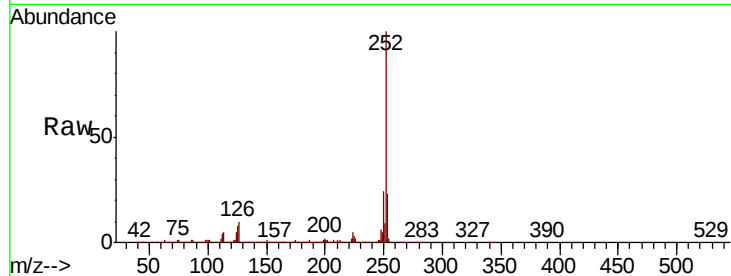
#89
Benzo(k)fluoranthene
Concen: 43.753 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
P-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	8.3	6.2	9.2

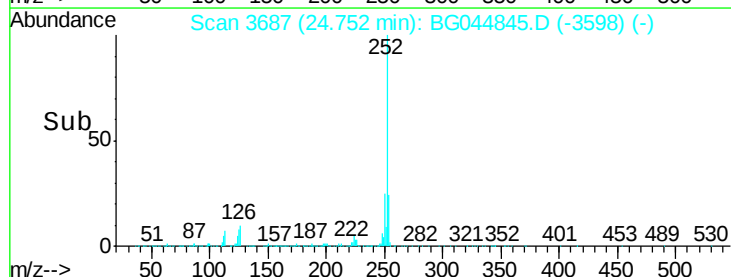
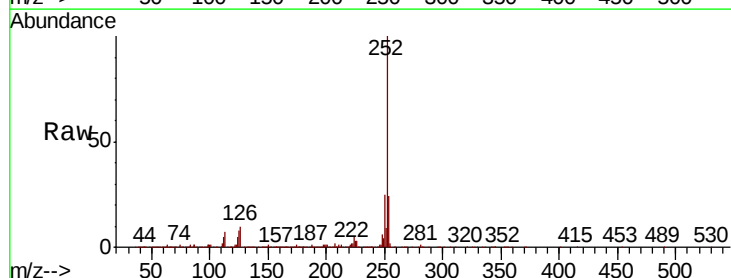
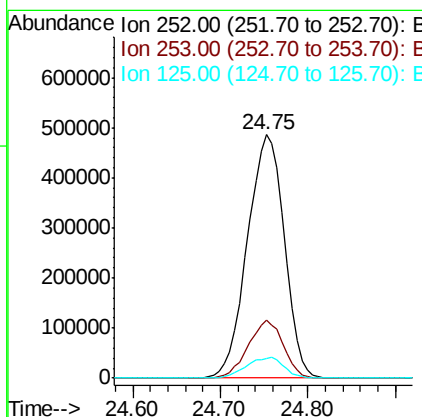
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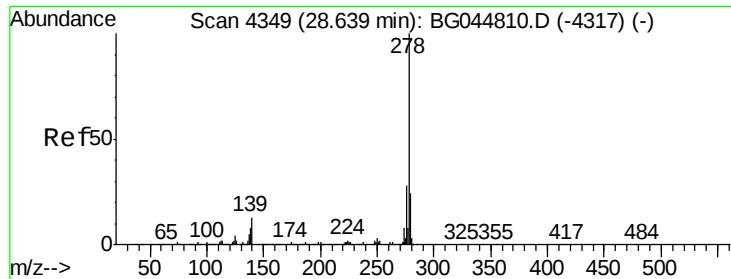
mohammad
3/18/2020 4:00:25 PM



#90
Benzo(a)pyrene
Concen: 42.032 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.4	29.0
125	8.3	7.2	10.8





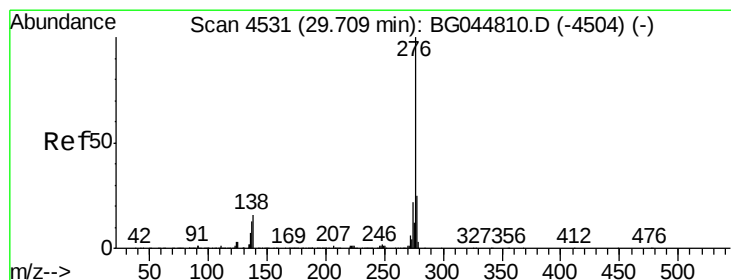
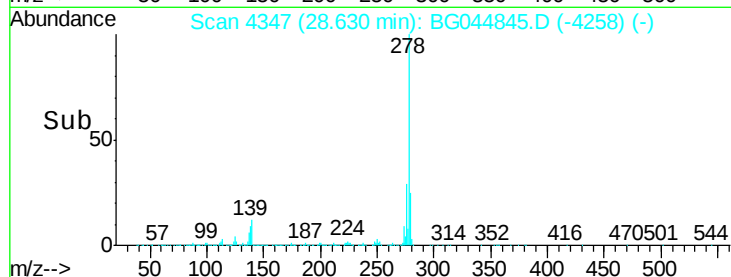
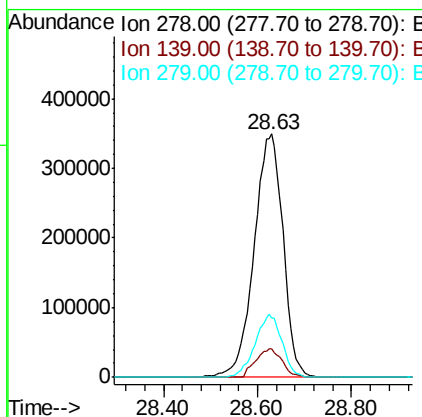
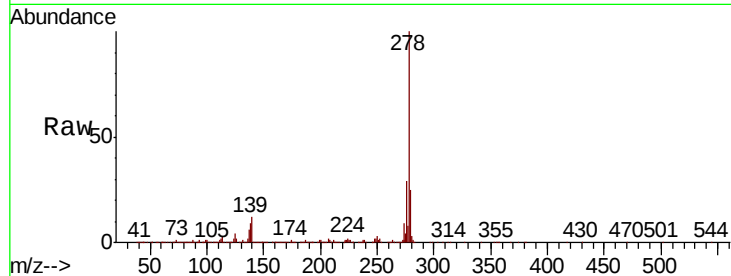
#91
Dibenzo(a,h)anthracene
Concen: 45.553 ng
RT: 28.63 min Scan# 4347
Delta R.T. -0.01 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
P-2MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.7	10.2	15.2
279	24.6	18.9	28.3

Manual Integrations
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3/18/2020 4:00:25 PM



#92
Benzo(g,h,i)perylene
Concen: 45.912 ng
RT: 29.69 min Scan# 4528
Delta R.T. -0.02 min
Lab File: BG044845.D
Acq: 17 Mar 2020 23:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	20.1	30.1
138	14.9	13.0	19.6

