

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044830.D
 Acq On : 17 Mar 2020 12:35
 Operator : CG/JU
 Sample : PB127518BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127518BS

Manual Integrations
 APPROVED

mohammad
 3/18/2020 4:00:03 PM

Quant Time: Mar 17 17:07:50 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	72916	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	283926	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	206628	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	526440	20.00	ng	0.00
76) Chrysene-d12	21.70	240	452177	20.00	ng	0.00
87) Perylene-d12	24.90	264	494424	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	521188	111.27	ng	0.00
7) Phenol-d6	7.21	99	753192	110.67	ng	0.00
23) Nitrobenzene-d5	9.20	82	422402	65.28	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	347818	128.56	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	923611	64.01	ng	0.00
79) Terphenyl-d14	20.03	244	1651047	68.30	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	75275	33.372	ng	99
3) Pyridine	3.90	79	188169	28.180	ng	97
4) n-Nitrosodimethylamine	3.82	42	90302	35.642	ng	# 87
6) Aniline	7.37	93	243620	28.768	ng	100
8) 2-Chlorophenol	7.61	128	192000	41.062	ng	98
9) Benzaldehyde	7.18	77	98253m	20.272	ng	
10) Phenol	7.23	94	275830	40.938	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	196050	36.459	ng	95
12) 1,3-Dichlorobenzene	7.94	146	216011	37.502	ng	94
13) 1,4-Dichlorobenzene	8.08	146	212326	37.286	ng	98
14) 1,2-Dichlorobenzene	8.41	146	197374	36.546	ng	97
15) Benzyl Alcohol	8.28	79	210532	38.556	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	289800	30.539	ng	99
17) 2-Methylphenol	8.48	107	186281	40.815	ng	95
18) Hexachloroethane	9.14	117	82493	36.796	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	167037	34.760	ng	97
20) 3+4-Methylphenols	8.81	107	254155	40.397	ng	96
22) Acetophenone	8.86	105	301554	37.490	ng	# 99
24) Nitrobenzene	9.25	77	249720	37.196	ng	99
25) Isophorone	9.77	82	477439	37.808	ng	99
26) 2-Nitrophenol	9.96	139	108502	46.718	ng	94
27) 2,4-Dimethylphenol	10.02	122	192841	46.893	ng	93
28) bis(2-Chloroethoxy)methane	10.26	93	265994	35.295	ng	98
29) 2,4-Dichlorophenol	10.50	162	205705	42.825	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	215540	37.528	ng	95
31) Naphthalene	10.91	128	601605	38.250	ng	98
32) Benzoic acid	10.14	122	119535	39.465	ng	99
33) 4-Chloroaniline	11.00	127	149154	21.049	ng	99
34) Hexachlorobutadiene	11.20	225	140064	37.084	ng	97
35) Caprolactam	11.77	113	89614m	49.276	ng	
36) 4-Chloro-3-methylphenol	12.12	107	249564	43.564	ng	99
37) 2-Methylnaphthalene	12.51	142	458754	38.992	ng	98
38) 1-Methylnaphthalene	12.73	142	431031	38.969	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	239691	35.223	ng	99

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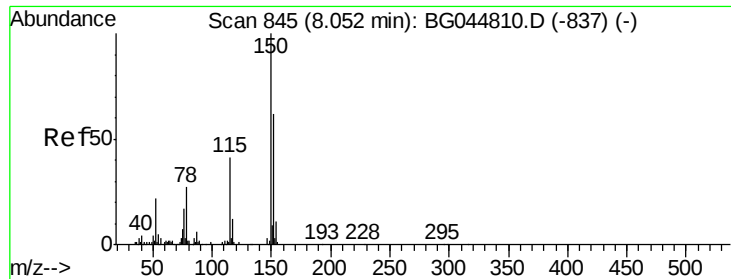
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 3/18/2020 4:00:03 PM

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	325031	87.400	nq	99
43) 2,4,6-Trichlorophenol	13.11	196	184511	40.857	nq	99
44) 2,4,5-Trichlorophenol	13.18	196	198710	42.428	nq	# 95
46) 1,1'-Biphenyl	13.52	154	582651	35.286	nq	98
47) 2-Chloronaphthalene	13.56	162	444606	35.247	nq	97
48) 2-Nitroaniline	13.75	65	174804	39.584	nq	98
49) Acenaphthylene	14.40	152	768912	38.910	nq	100
50) Dimethylphthalate	14.13	163	644264	39.148	nq	99
51) 2,6-Dinitrotoluene	14.25	165	144330	43.509	nq	99
52) Acenaphthene	14.75	154	551597	42.621	nq	98
53) 3-Nitroaniline	14.57	138	103722	27.197	nq	94
54) 2,4-Dinitrophenol	14.78	184	171915	97.182	nq	98
55) Dibenzofuran	15.08	168	734722	39.148	nq	97
56) 4-Nitrophenol	14.88	139	287355	98.726	nq	96
57) 2,4-Dinitrotoluene	15.03	165	208847	45.906	nq	97
58) Fluorene	15.73	166	617661	40.008	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	199435	46.252	nq	93
60) Diethylphthalate	15.50	149	690488	40.228	nq	97
61) 4-Chlorophenyl-phenylether	15.72	204	325218	39.122	nq	99
62) 4-Nitroaniline	15.73	138	159488	39.218	nq	96
63) Azobenzene	16.01	77	671104	37.650	nq	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	130344	51.872	nq	97
66) n-Nitrosodiphenylamine	15.93	169	568377	35.861	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	231100	35.115	nq	99
68) Hexachlorobenzene	16.74	284	245671	34.408	nq	96
69) Atrazine	16.88	200	257742	44.386	nq	97
70) Pentachlorophenol	17.08	266	333979	85.014	nq	98
71) Phenanthrene	17.47	178	1049548	37.308	nq	99
72) Anthracene	17.56	178	1074677	38.741	nq	100
73) Carbazole	17.82	167	1033027	38.768	nq	97
74) Di-n-butylphthalate	18.39	149	1247370	38.509	nq	100
75) Fluoranthene	19.47	202	1312197	39.175	nq	99
77) Benzidine	19.65	184	487917	33.238	nq	100
78) Pyrene	19.83	202	1317228	39.706	nq	99
80) Butylbenzylphthalate	20.73	149	543326	36.814	nq	99
81) Benzo(a)anthracene	21.68	228	1211150	37.197	nq	99
82) 3,3'-Dichlorobenzidine	21.59	252	341209	27.088	nq	98
83) Chrysene	21.74	228	1152091	37.042	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	745240	36.587	nq	97
85) Di-n-octyl phthalate	22.82	149	1270836	37.284	nq	100
86) Indeno(1,2,3-cd)pyrene	28.56	276	1471888	36.097	nq	99
88) Benzo(b)fluoranthene	23.89	252	1288101	39.463	nq	99
89) Benzo(k)fluoranthene	23.96	252	1185409	38.376	nq	99
90) Benzo(a)pyrene	24.76	252	1161285	38.022	nq	98
91) Dibenzo(a,h)anthracene	28.63	278	1204444	39.973	nq	97
92) Benzo(g,h,i)perylene	29.69	276	1232068	40.472	nq	99

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



#1

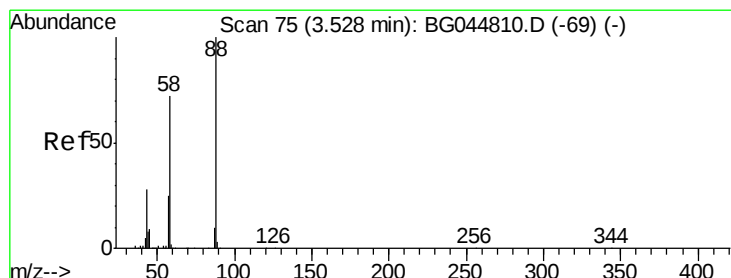
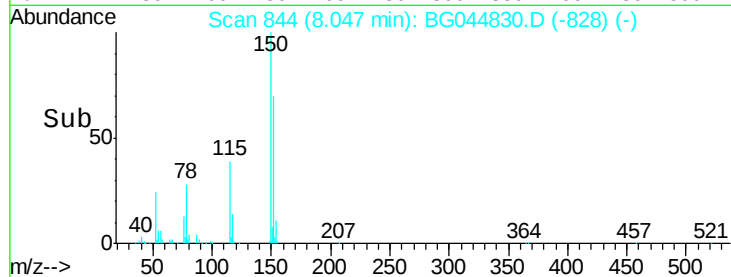
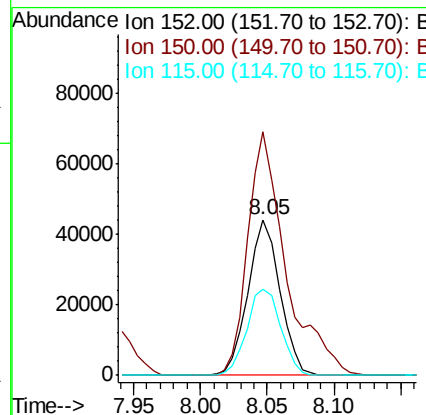
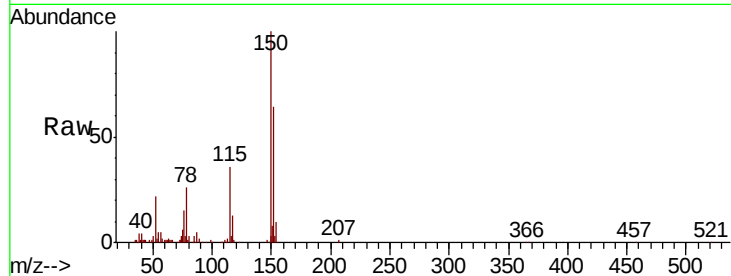
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	128.8	193.2
115	55.6	52.6	79.0

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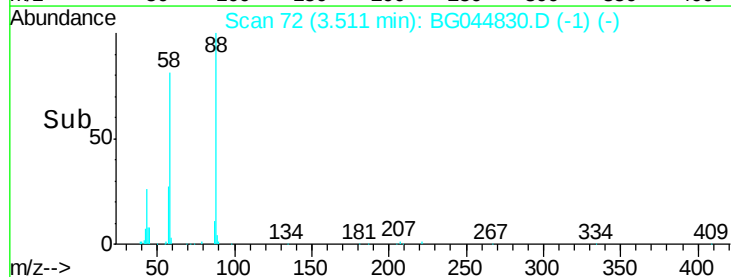
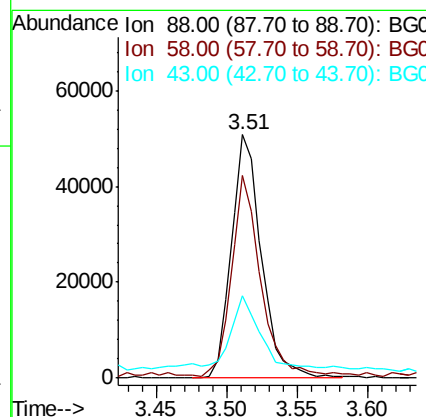
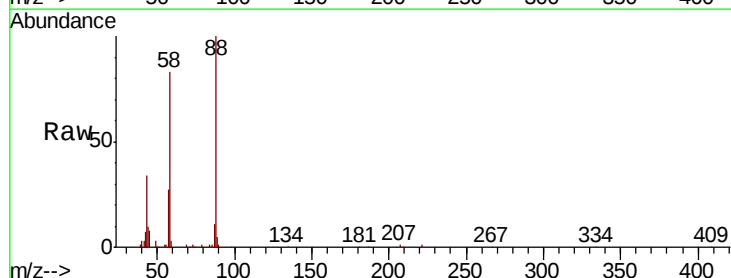
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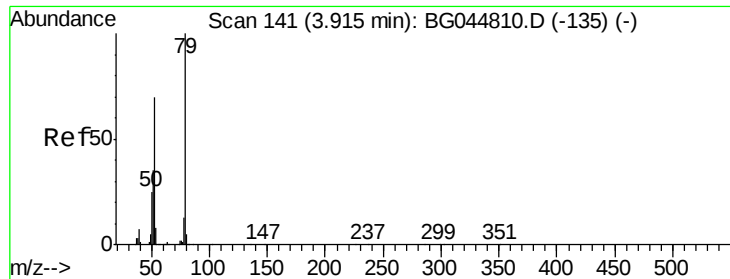


#2

1,4-Dioxane
Concen: 33.372 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.3	63.0	94.4
43	31.0	24.8	37.2





#3

Pvridine

Concen: 28.180 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Instrument :

BNA_G

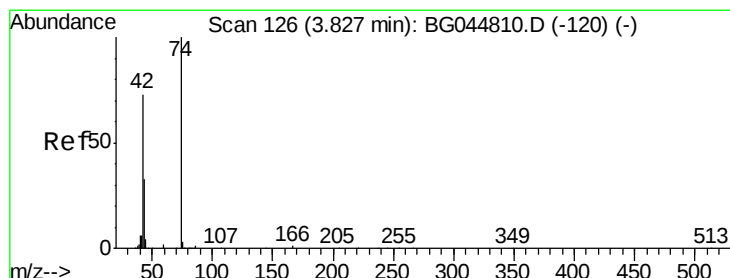
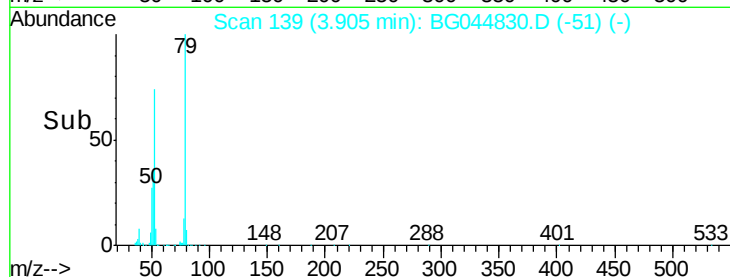
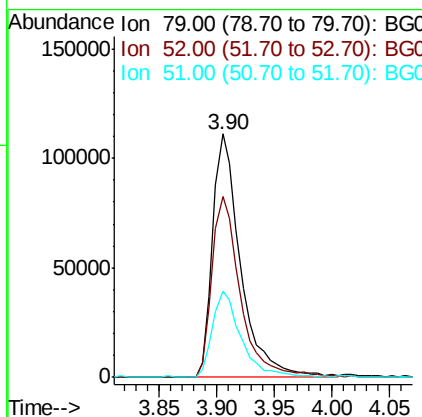
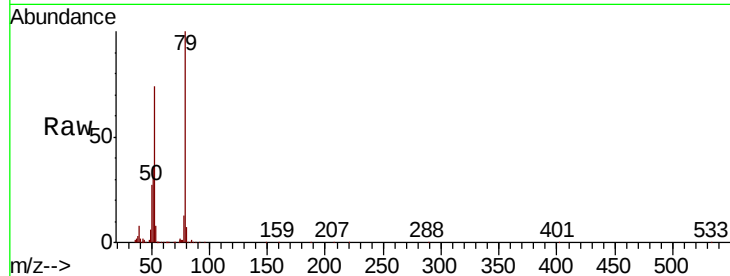
ClientSampleId :

PB127518BS

Tot Ion:	79	Resp:	188169
Ion	Ratio	Lower	Upper
79	100		
52	74.1	56.3	84.5
51	35.5	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 35.642 ng

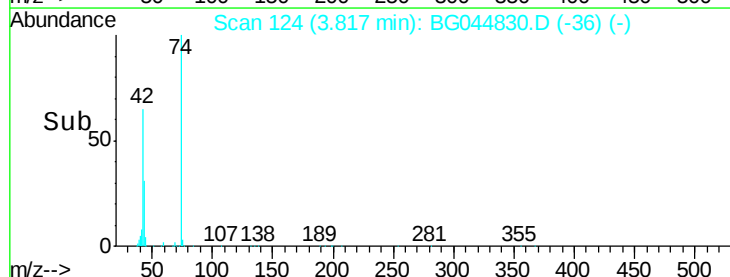
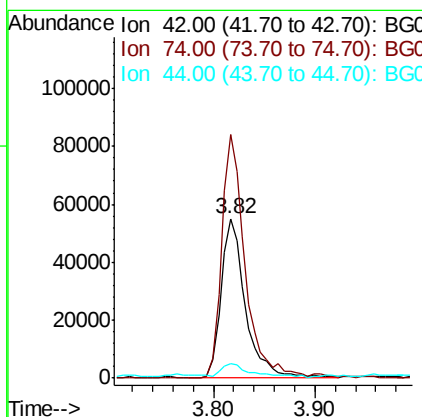
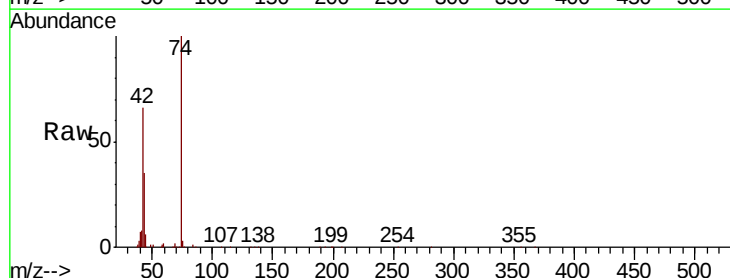
RT: 3.82 min Scan# 124

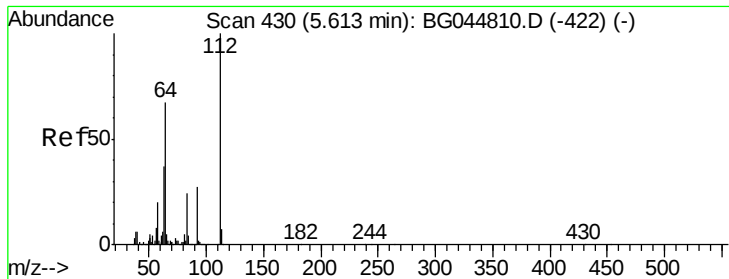
Delta R.T. -0.01 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Tgt Ion:	42	Resp:	90302
Ion	Ratio	Lower	Upper
42	100		
74	152.7	109.1	163.7
44	9.1	5.4	8.2





#5

2-Fluorophenol

Concen: 111.269 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Instrument :

BNA_G

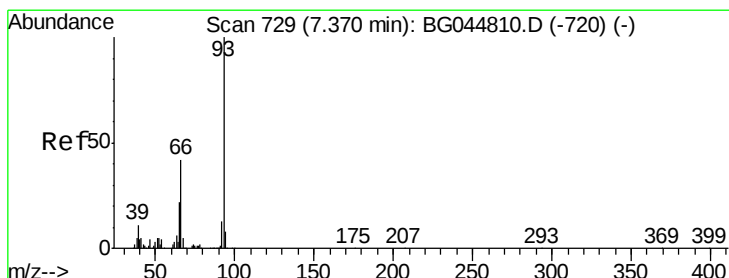
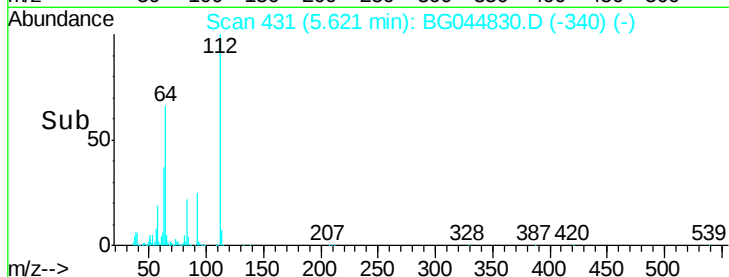
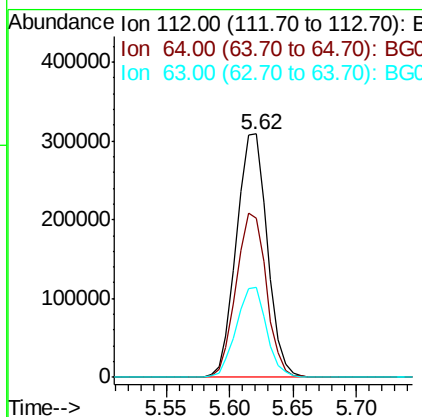
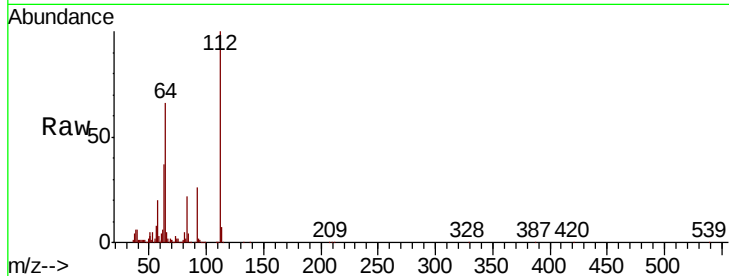
ClientSampleId :

PB127518BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	65.5	53.4	80.2
63	36.8	29.4	44.2

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#6

Aniline

Concen: 28.768 ng

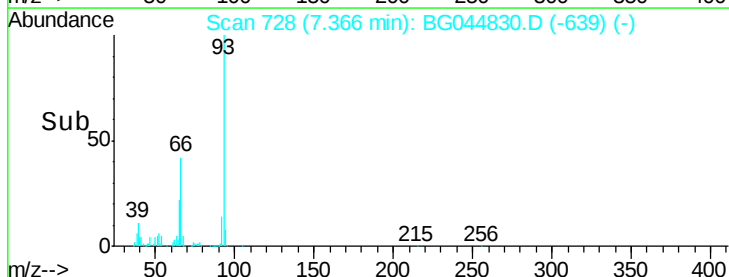
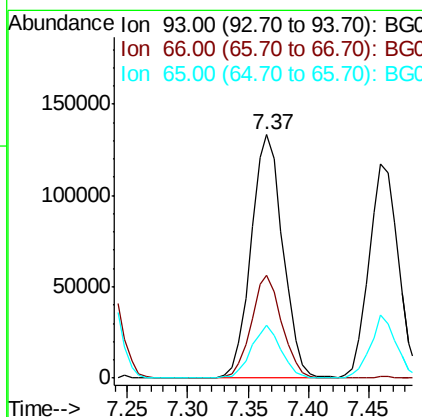
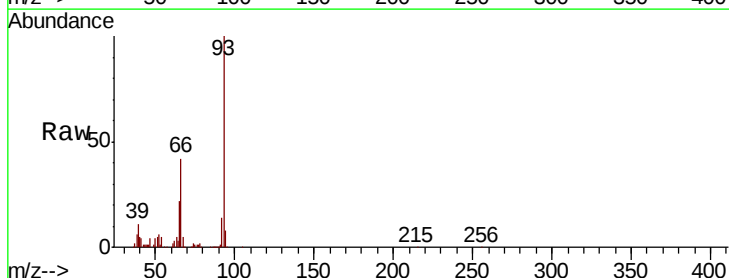
RT: 7.37 min Scan# 728

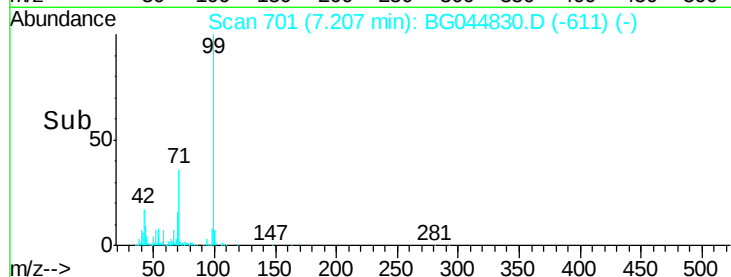
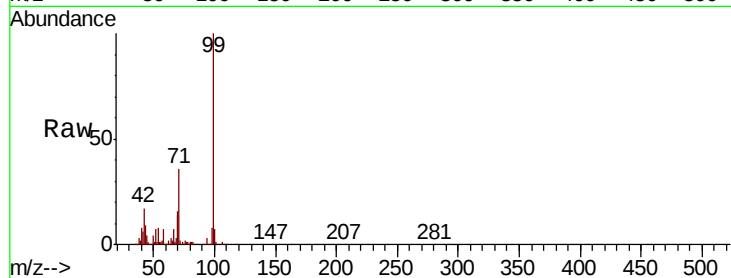
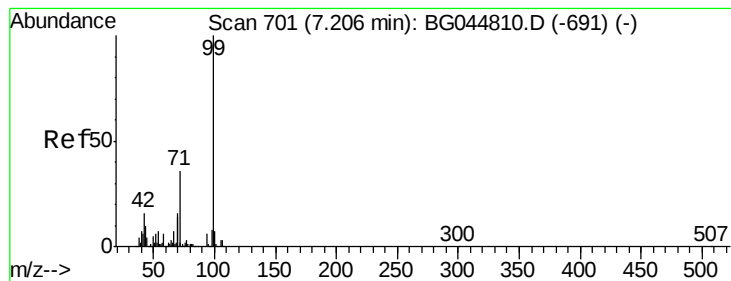
Delta R.T. -0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Lower	Upper
93	100		
66	42.1	33.7	50.5
65	21.7	17.7	26.5





#7

Phenol-d6

Concen: 110.673 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Tot Ion:	99	Resp:	753192
Ion Ratio	Lower	Upper	
99	100		
42	17.4	12.6	19.0
71	35.7	29.0	43.4

Instrument :

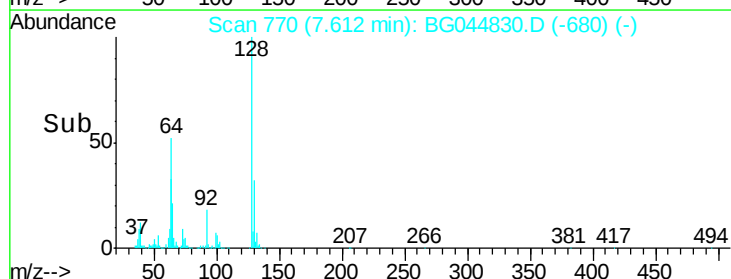
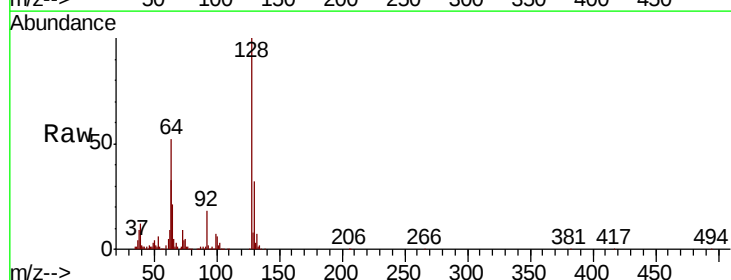
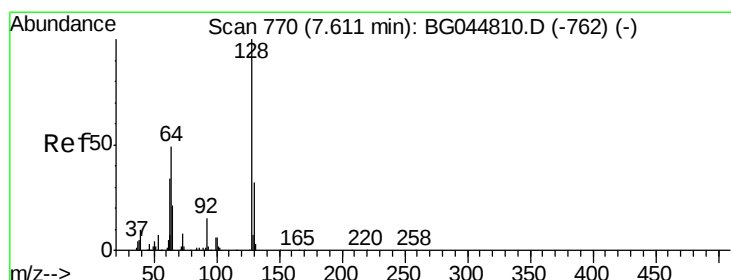
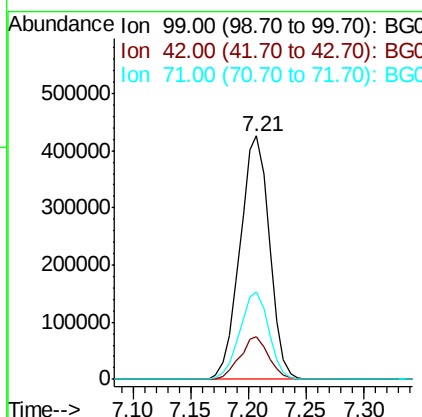
BNA_G

ClientSampled :

PB127518BS

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#8

2-Chlorophenol

Concen: 41.062 ng

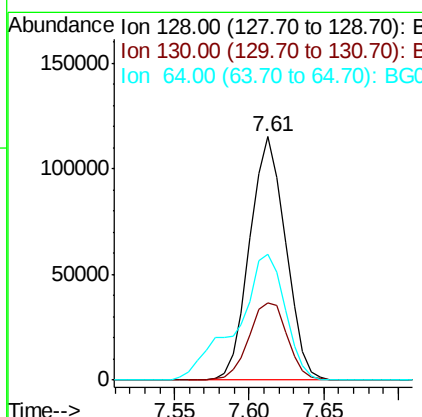
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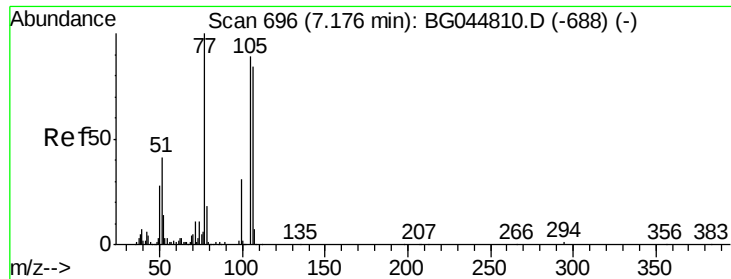
Delta R.T. 0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Tgt Ion:	128	Resp:	192000
Ion Ratio	Lower	Upper	
128	100		
130	31.5	11.6	51.6
64	51.8	34.5	74.5





#9

Benzaldehyde

Concen: 20.272 ng/mL

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Instrument :

BNA_G

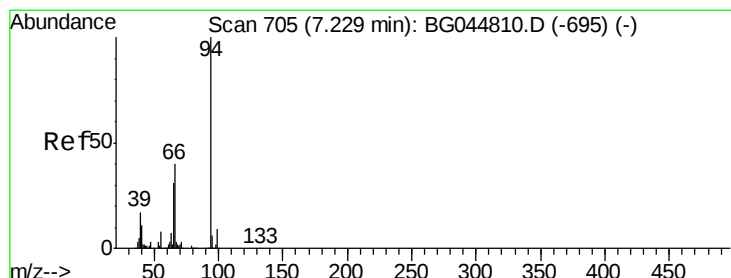
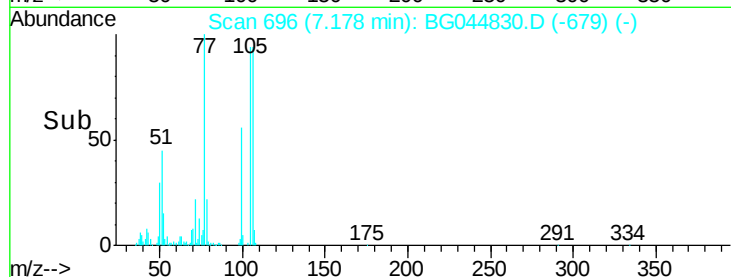
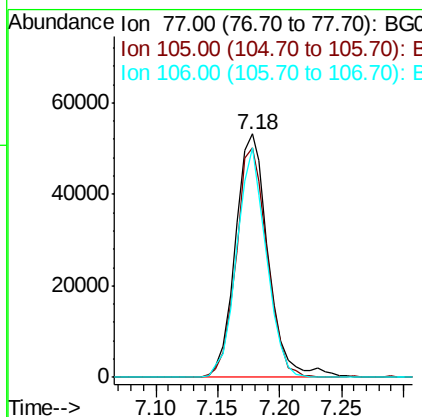
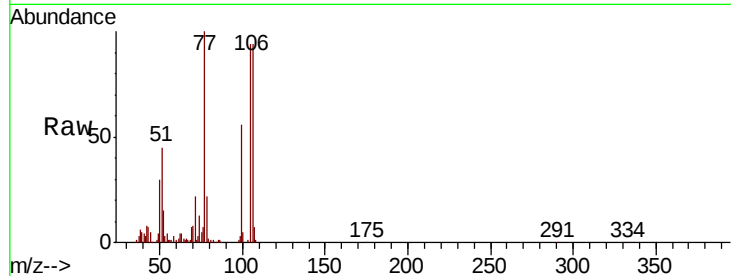
ClientSampleId :

PB127518BS

Tot Ion:	77	Resp:	98253
Ion	Ratio	Lower	Upper
77	100		
105	94.0	69.3	109.3
106	94.4	64.5	104.5

Manual Integrations
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#10

Phenol

Concen: 40.938 ng/mL

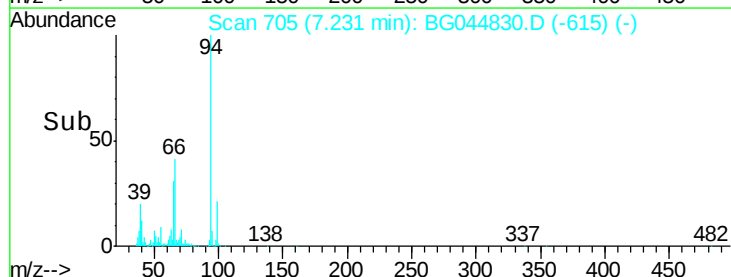
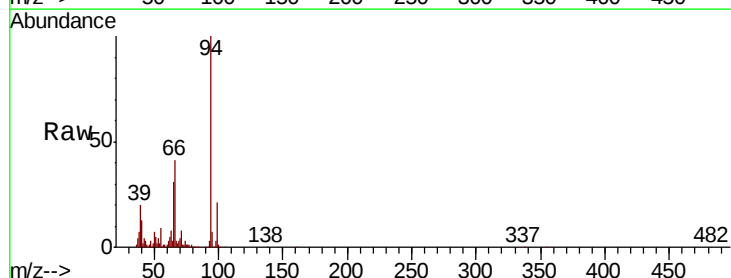
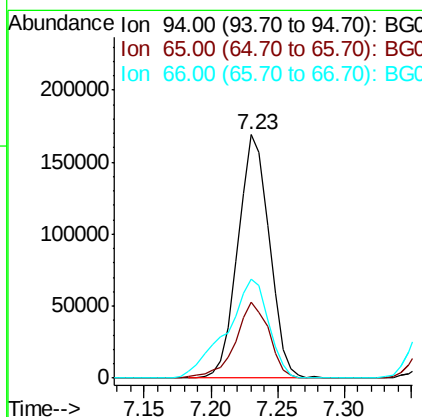
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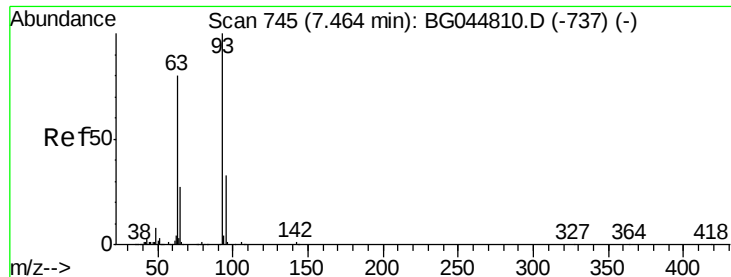
Delta R.T. 0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Tgt Ion:	94	Resp:	275830
Ion	Ratio	Lower	Upper
94	100		
65	31.2	11.0	51.0
66	40.6	20.1	60.1





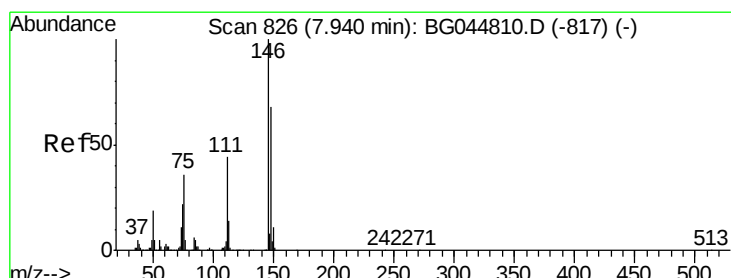
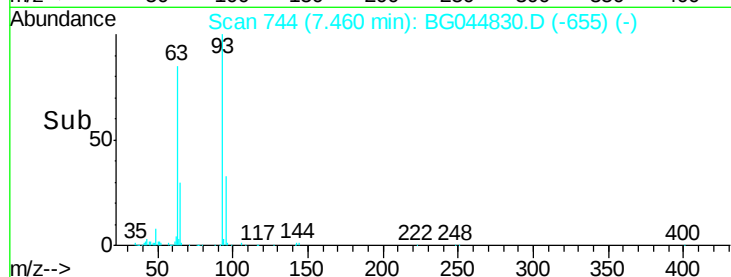
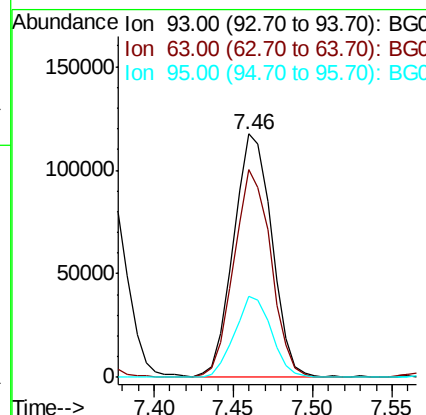
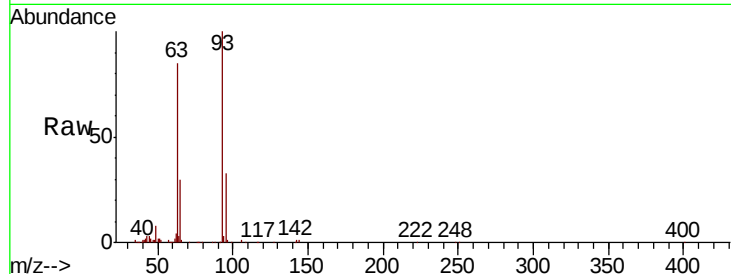
#11
bis(2-Chloroethyl)ether
Concen: 36.459 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.2	59.7	99.7
95	33.4	13.1	53.1

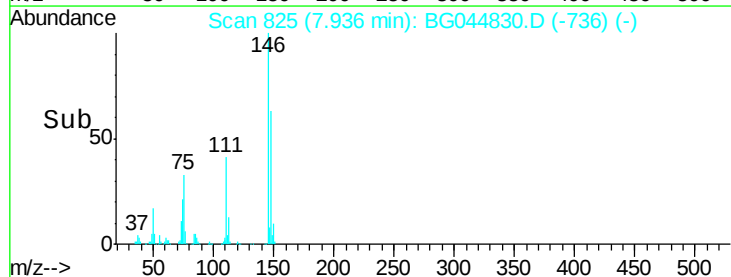
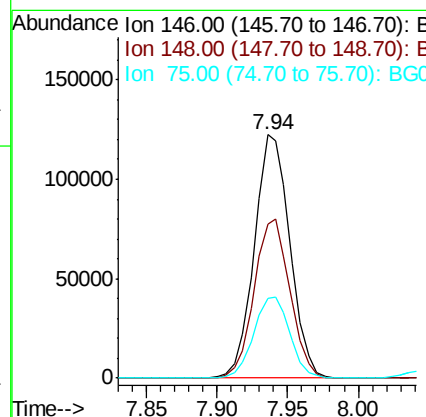
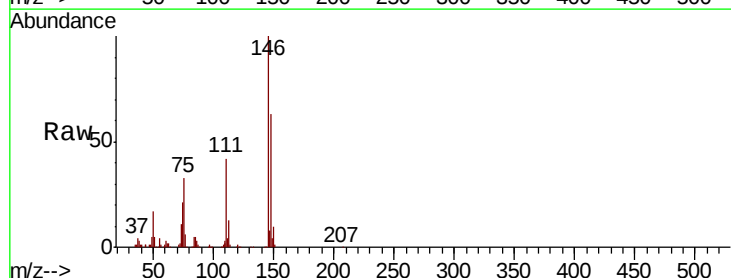
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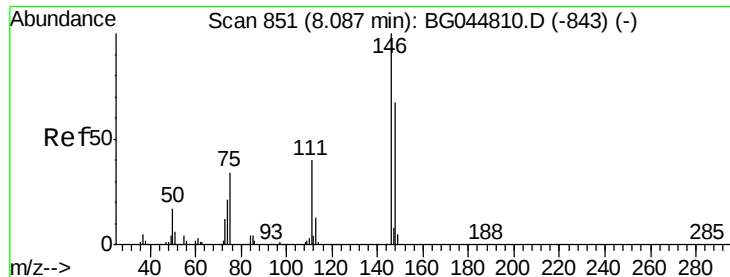
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.502 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	54.2	81.4
75	32.8	28.6	42.8





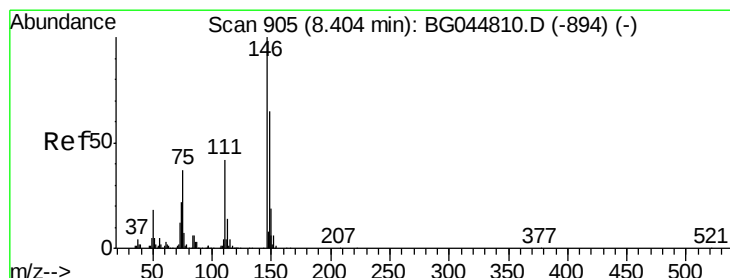
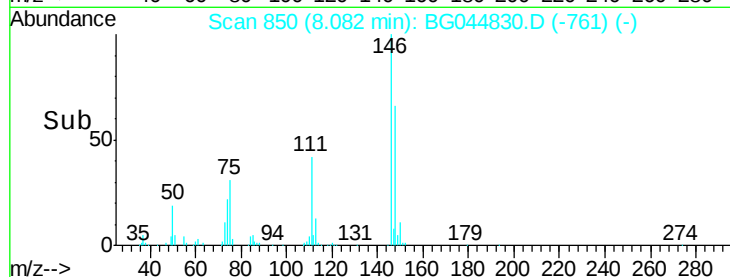
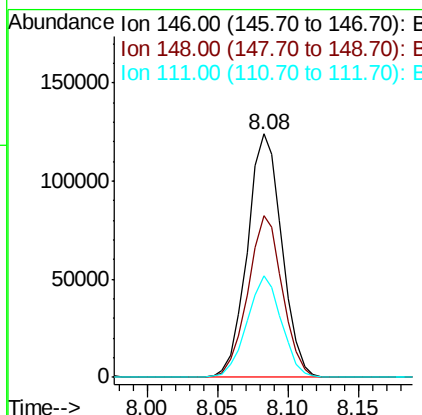
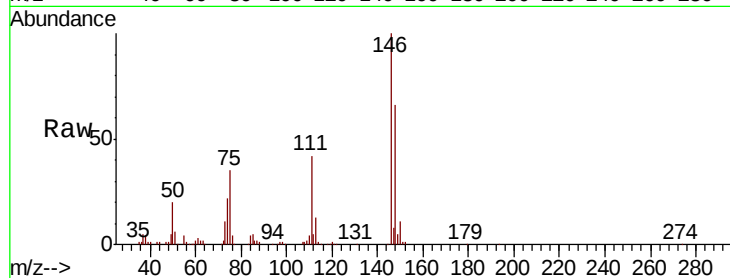
#13
1,4-Dichlorobenzene
Concen: 37.286 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.5	53.8	80.6
111	41.7	32.0	48.0

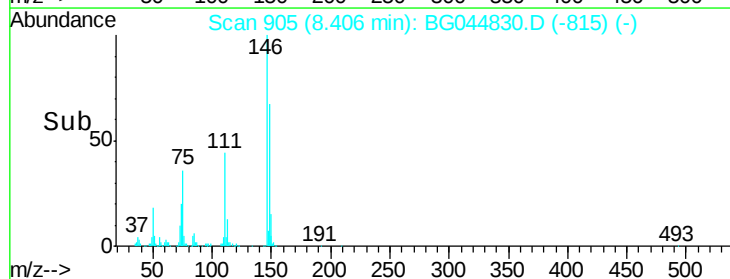
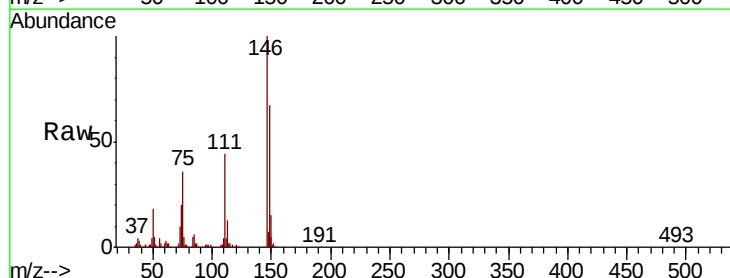
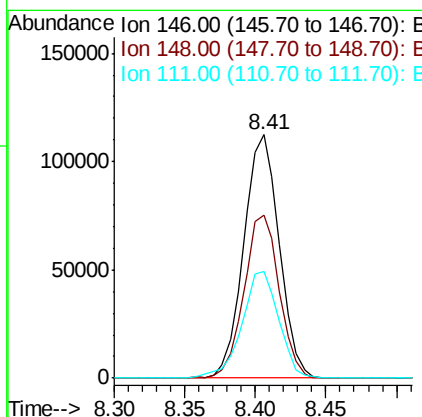
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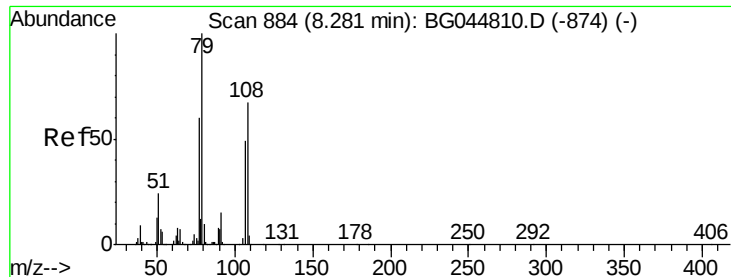
mohammad
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#14
1,2-Dichlorobenzene
Concen: 36.546 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	52.1	78.1
111	44.0	33.4	50.2





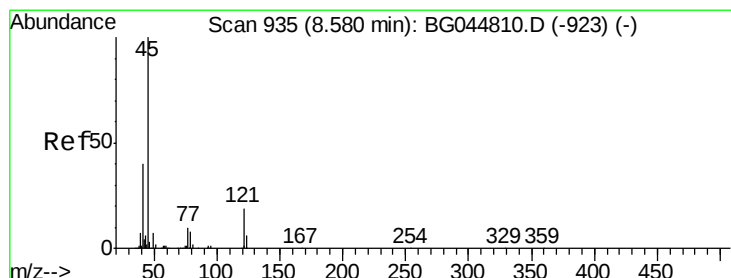
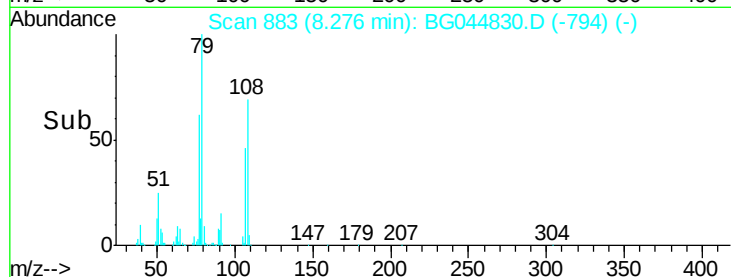
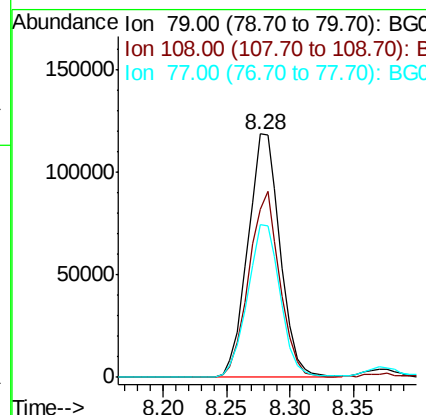
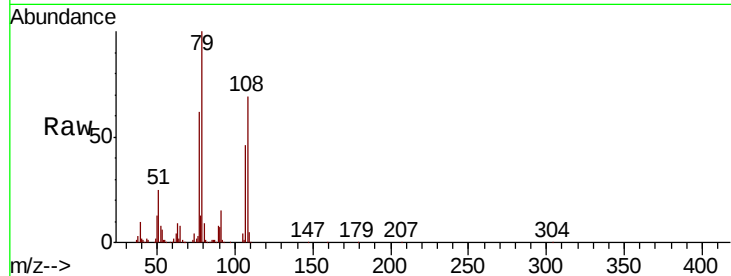
#15
Benzyl Alcohol
Concen: 38.556 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.0	53.8	80.8
77	62.5	47.8	71.8

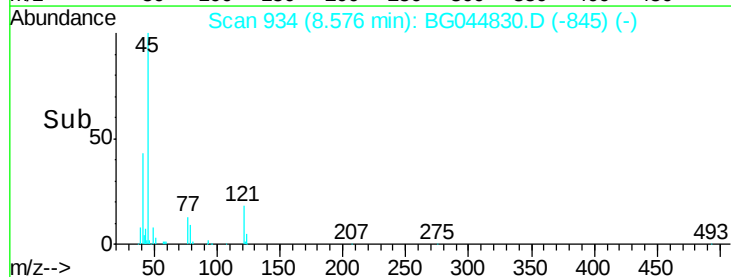
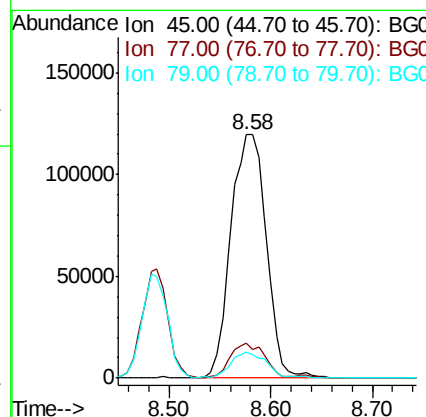
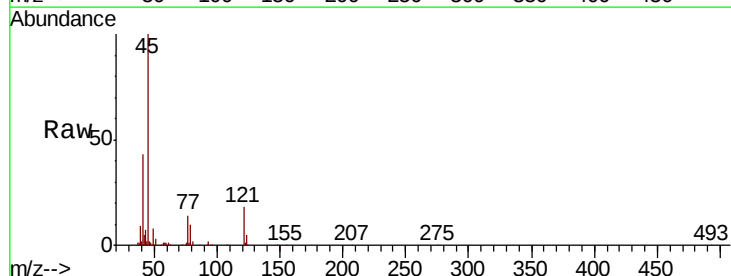
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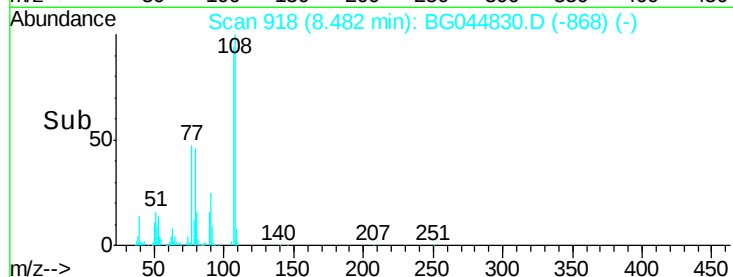
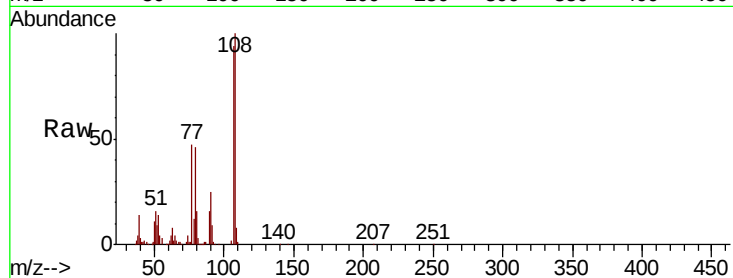
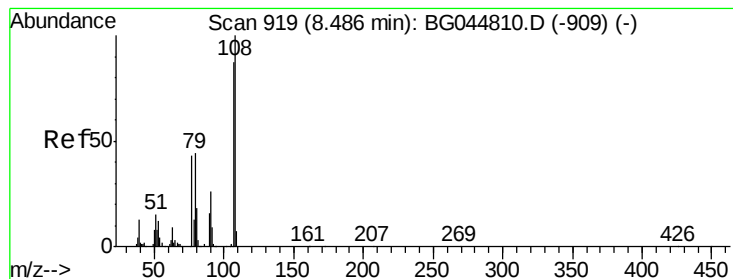
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.539 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	33.9
79	10.5	0.0	30.8





#17

2-Methylphenol

Concen: 40.815 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.5	91.8	137.8	
77	50.2	40.0	60.0	
79	49.1	40.2	60.2	

Instrument :

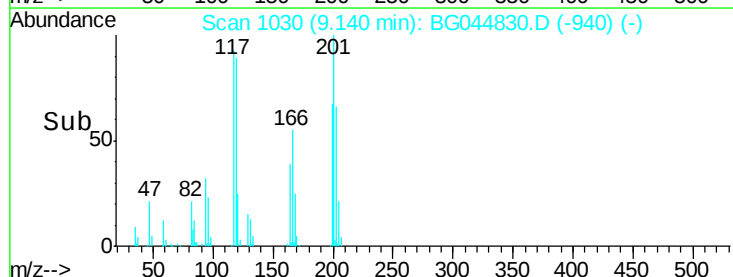
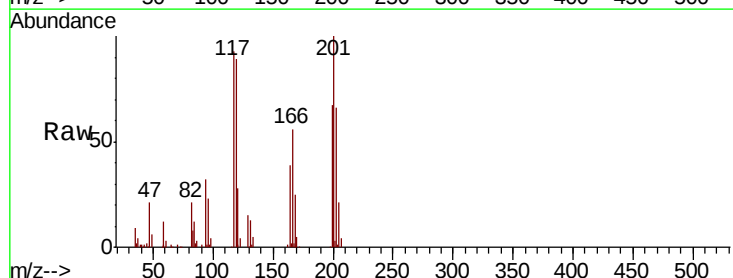
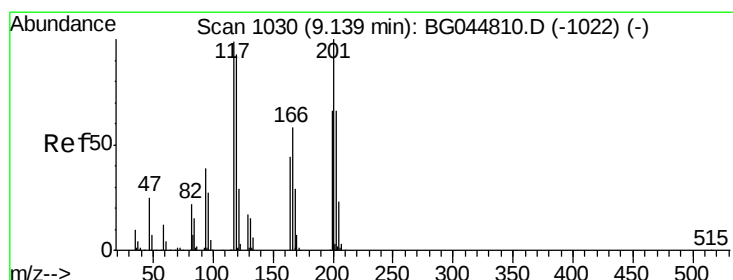
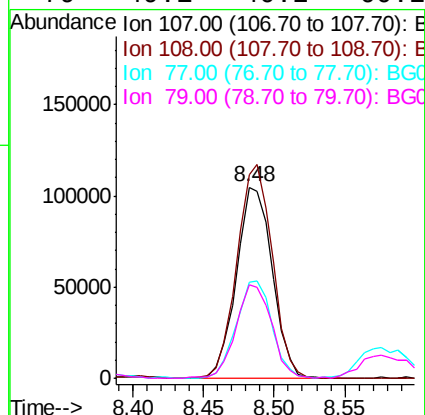
BNA_G

ClientSampleId :

PB127518BS

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#18

Hexachloroethane

Concen: 36.796 ng

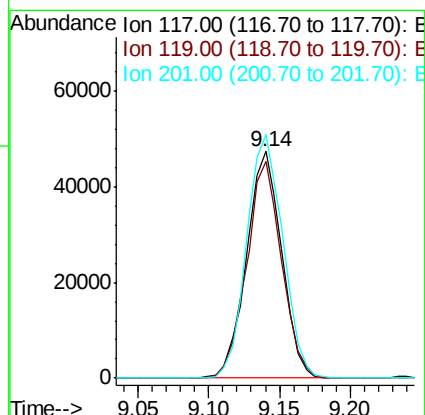
RT: 9.14 min Scan# 1030

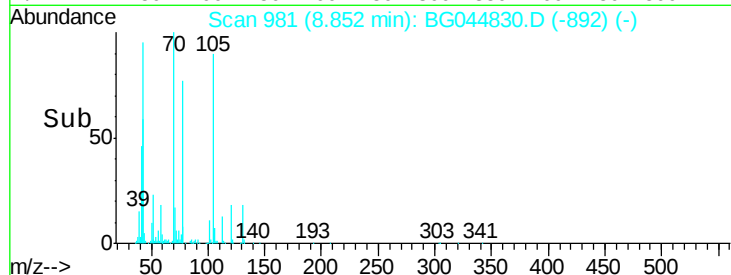
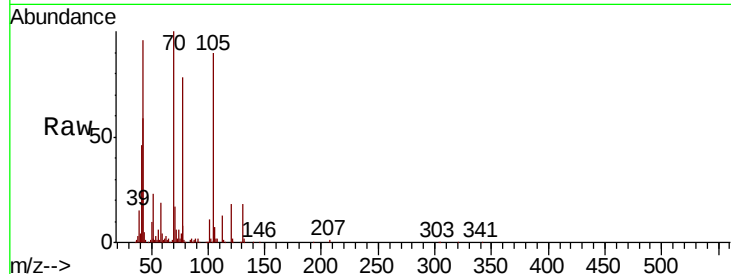
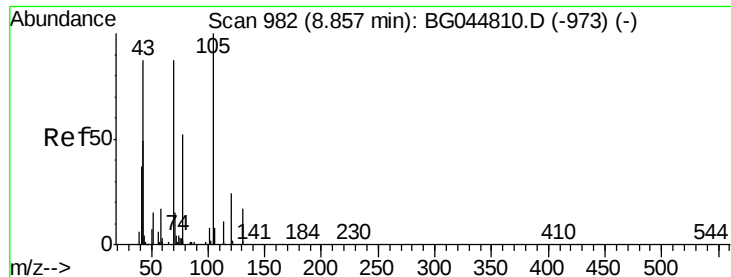
Delta R.T. 0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

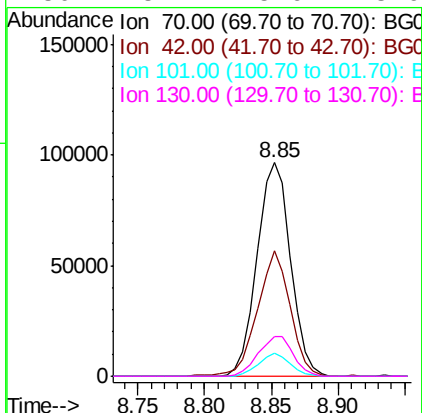
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	75.2	112.8	
201	107.5	81.1	121.7	





#19
n-Nitroso-di-n-propylamine
Concen: 34.760 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

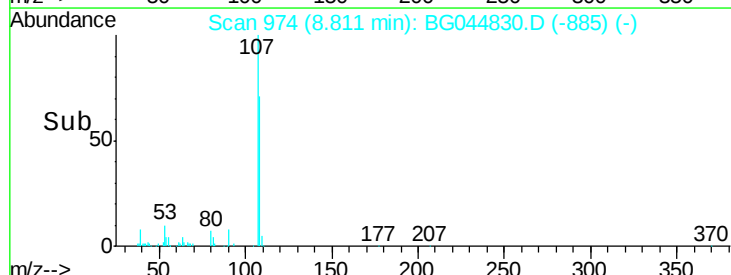
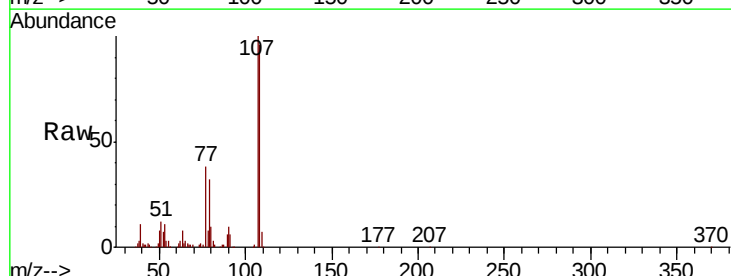
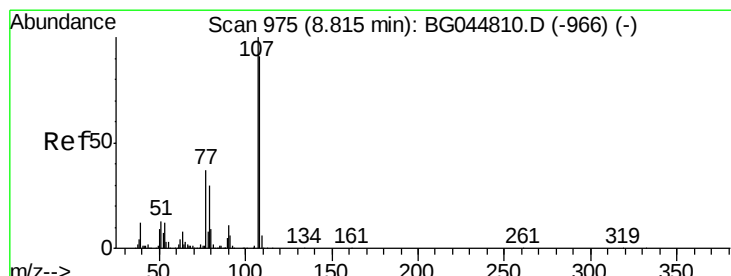
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.8	45.7	68.5	
101	10.6	7.4	11.2	
130	18.4	15.9	23.9	



Instrument :
BNA_G
ClientSampleId :
PB127518BS

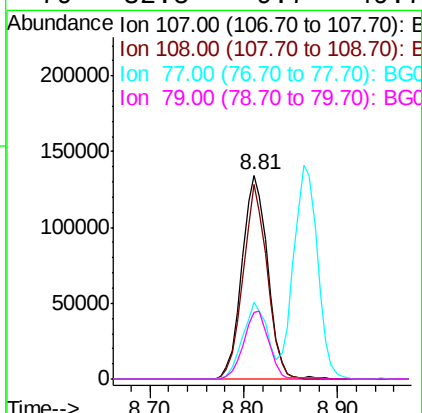
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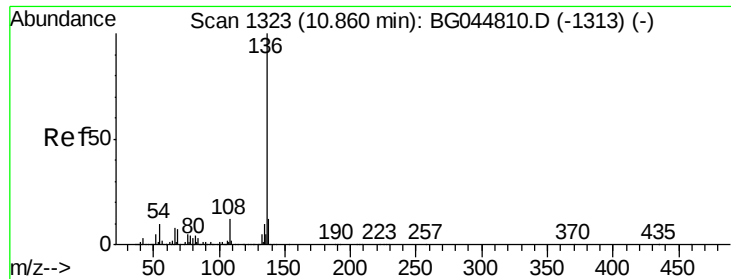
mohammad
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#20
3+4-Methylphenols
Concen: 40.397 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.7	71.3	111.3	
77	37.8	16.9	56.9	
79	32.5	9.7	49.7	





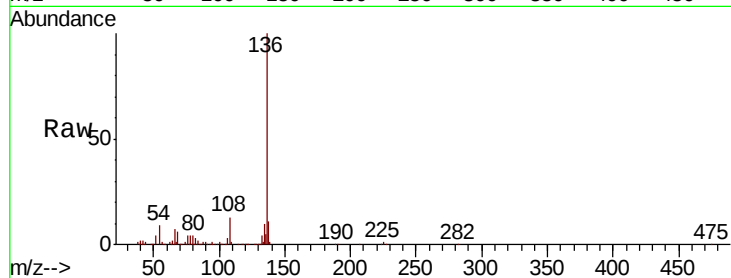
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

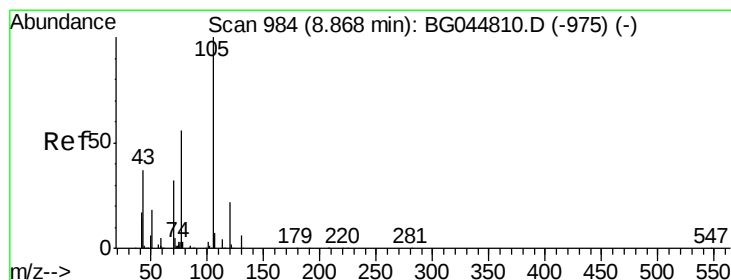
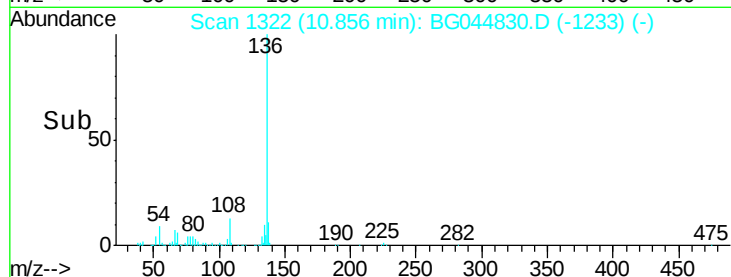
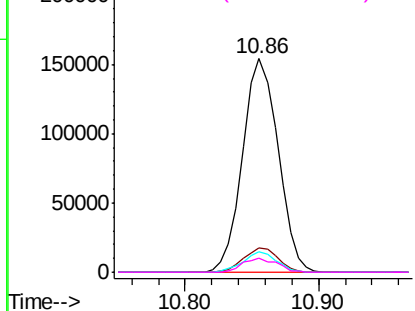
Tot Ion	Ratio	Resp	Lower	Upper
136	100	283926		
137	11.3		9.8	14.6
54	9.5		7.9	11.9
68	6.5		5.4	8.0

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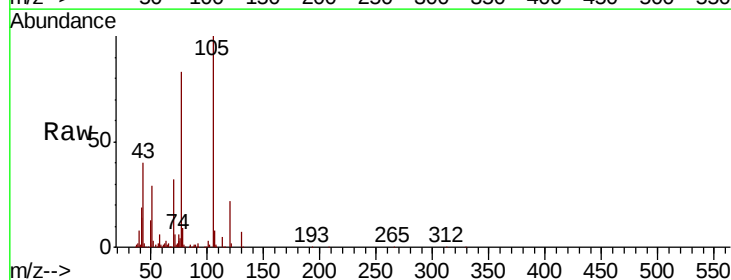


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

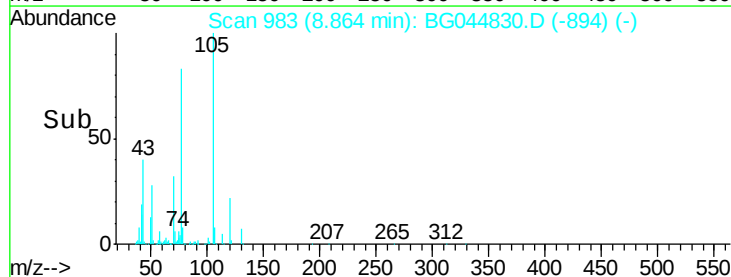
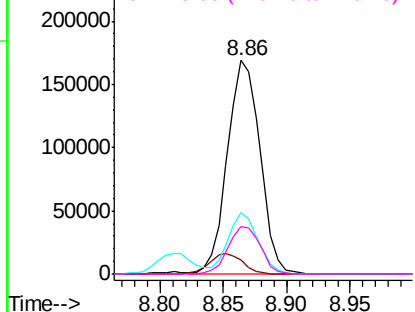


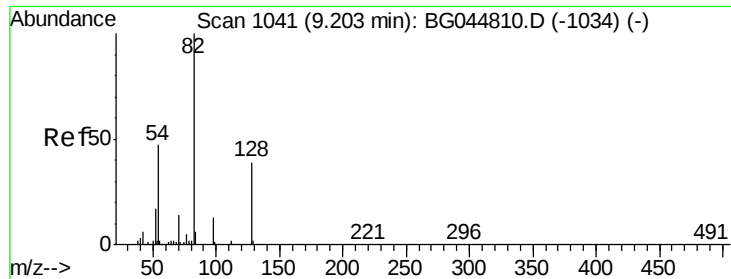
#22
Acetophenone
Concen: 37.490 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	301554		
71	6.3		3.9	5.9#
51	28.6		22.6	33.8
120	22.1		17.3	25.9



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





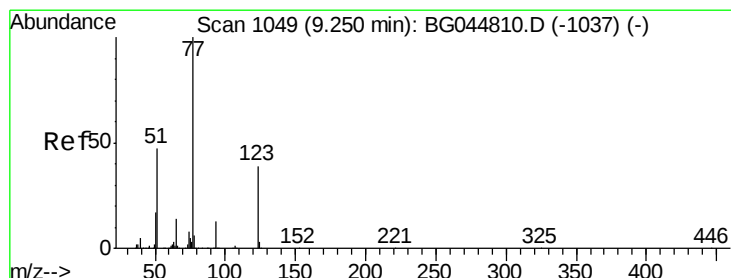
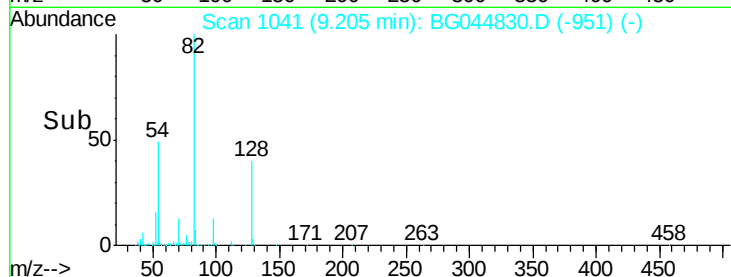
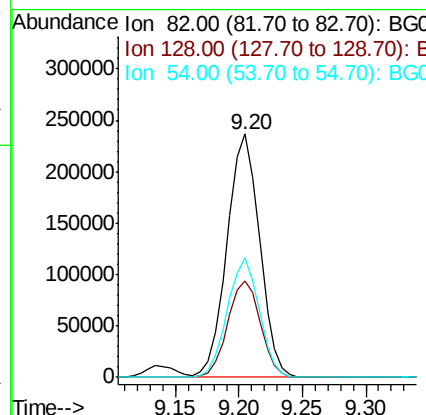
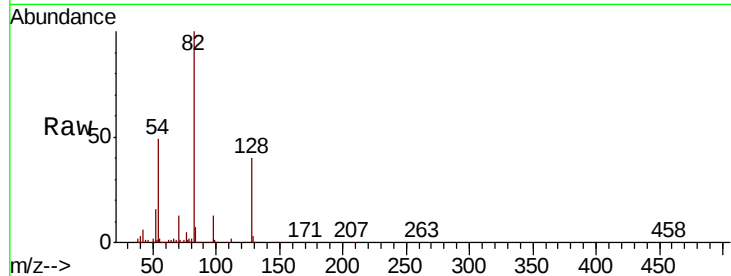
#23
Nitrobenzene-d5
Concen: 65.283 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.6	46.0
54	49.0	37.1	55.7

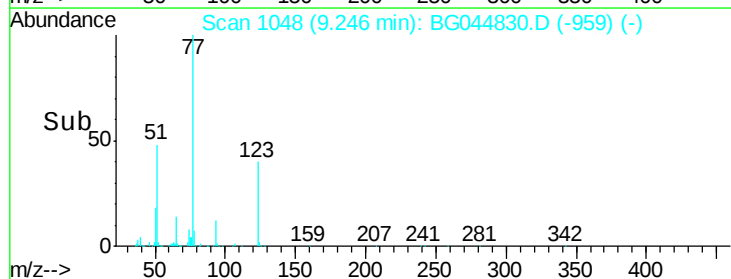
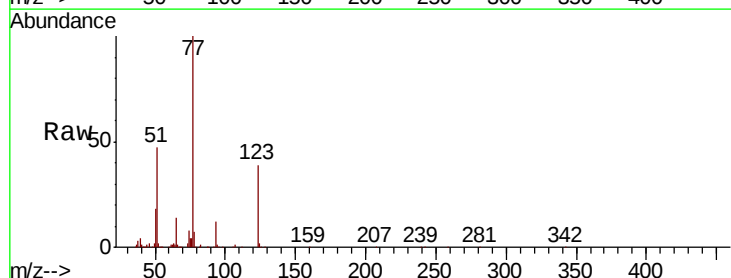
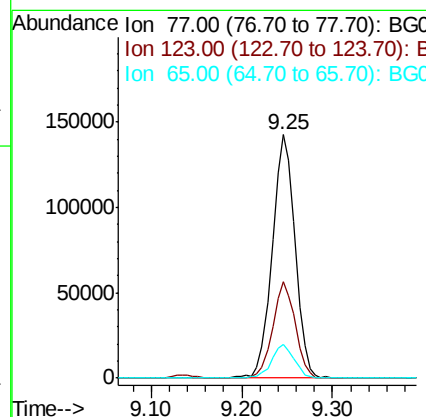
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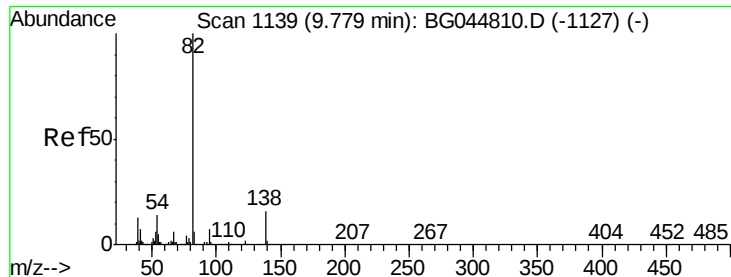
mohammad
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#24
Nitrobenzene
Concen: 37.196 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.5	31.3	46.9
65	13.9	11.4	17.0





#25

Isophorone

Concen: 37.808 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Instrument :

BNA_G

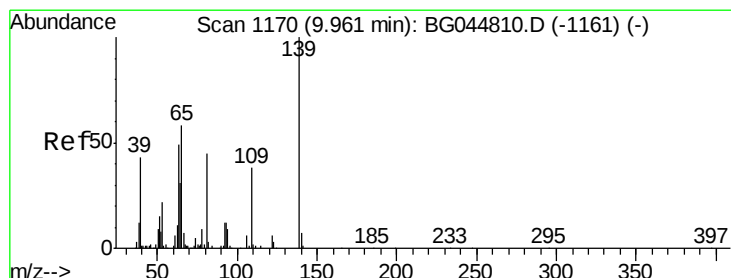
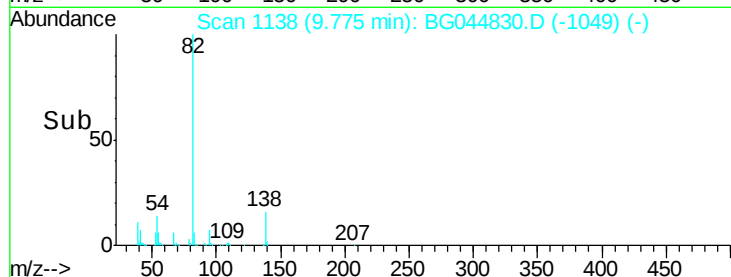
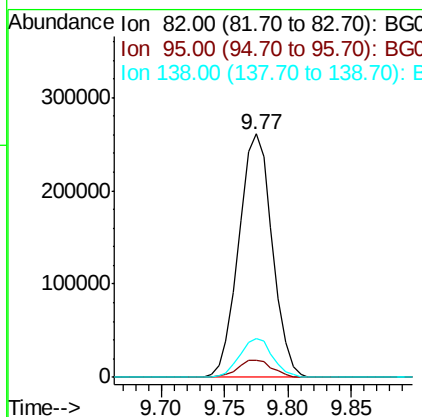
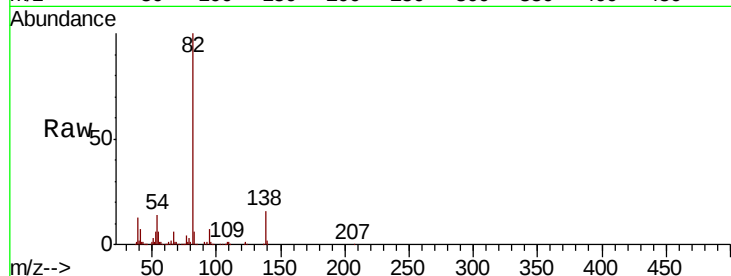
ClientSampleId :

PB127518BS

Tot Ion	82	Resp	477439
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.5	8.3
138	16.1	12.5	18.7

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#26

2-Nitrophenol

Concen: 46.718 ng

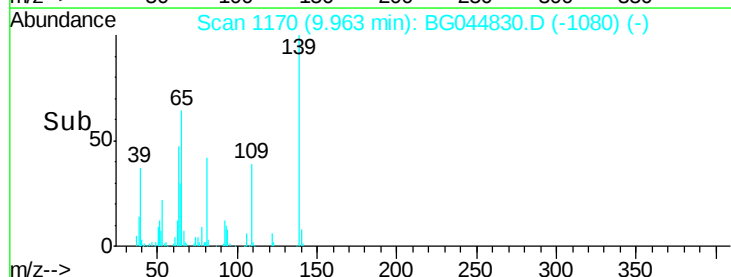
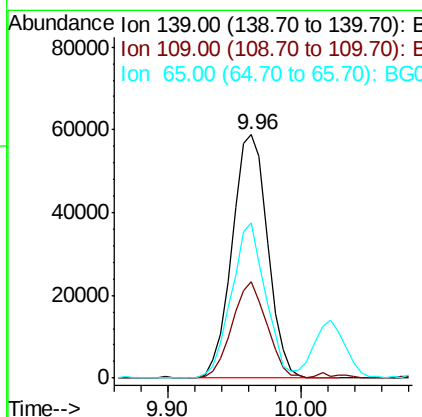
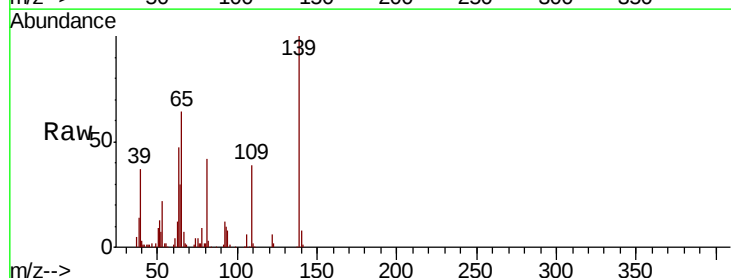
RT: 9.96 min Scan# 1170

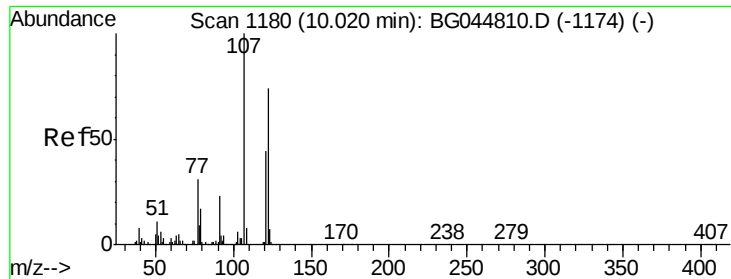
Delta R.T. 0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Tgt Ion	139	Resp	108502
Ion Ratio	Lower	Upper	
139	100		
109	39.4	30.2	45.4
65	63.6	46.3	69.5





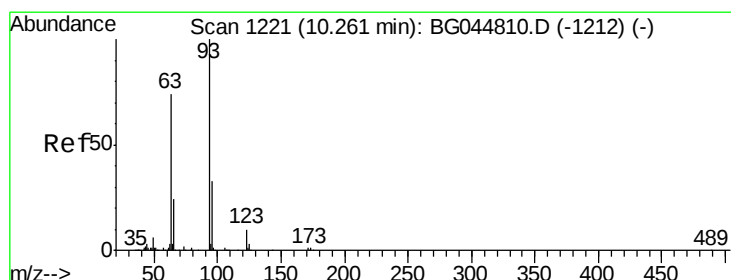
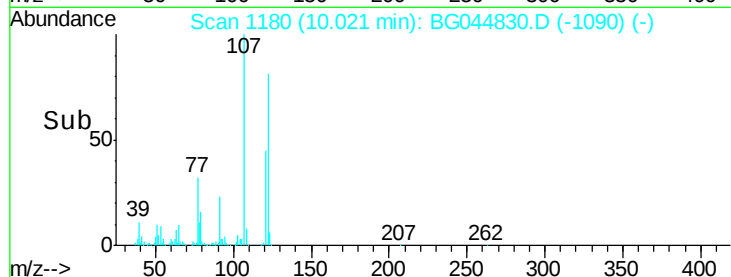
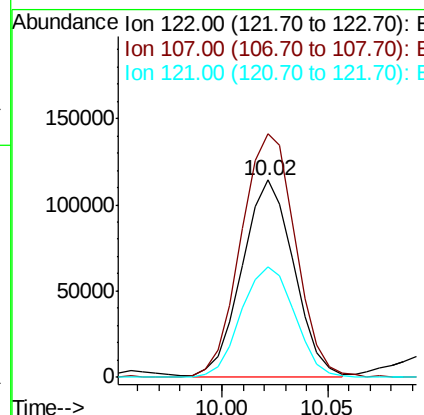
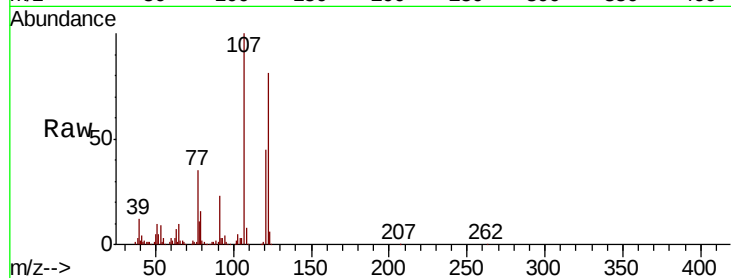
#27
2,4-Dimethylphenol
Concen: 46.893 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	192841		
107	123.7	107.1	160.7	
121	56.2	46.8	70.2	

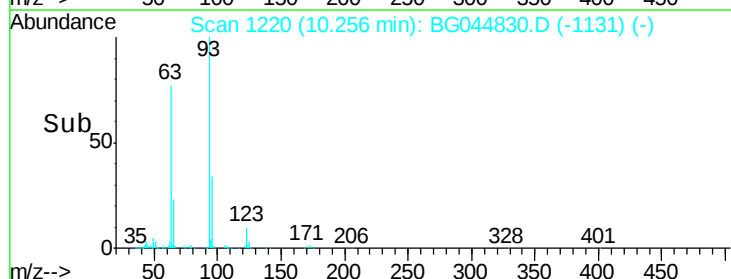
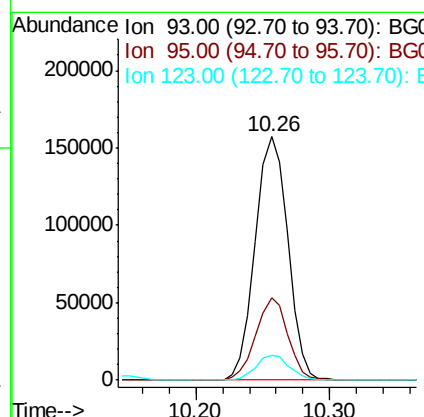
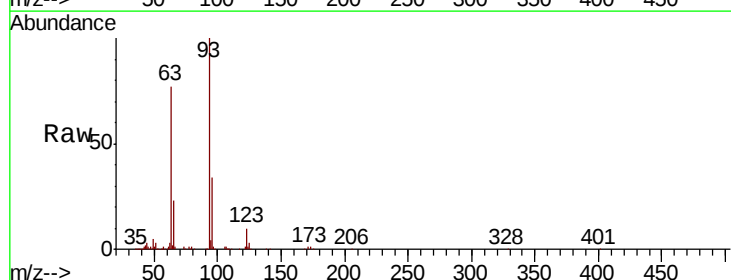
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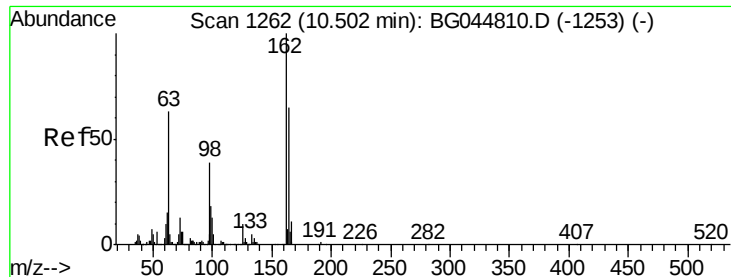
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#28
bis(2-Chloroethoxy)methane
Concen: 35.295 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	265994		
95	34.0	26.4	39.6	
123	10.2	8.4	12.6	





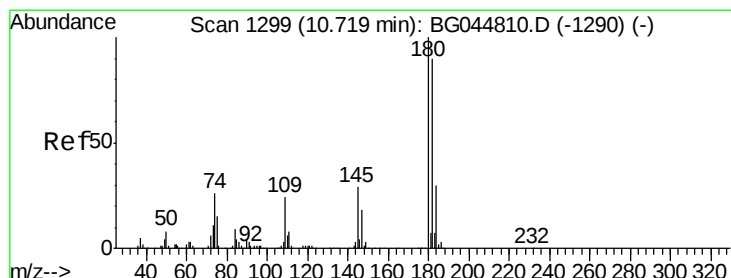
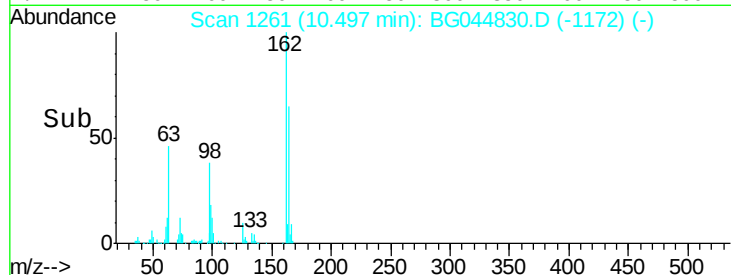
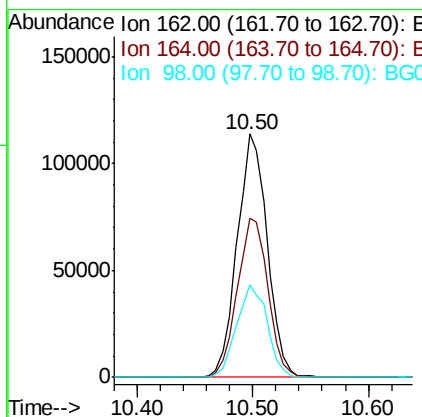
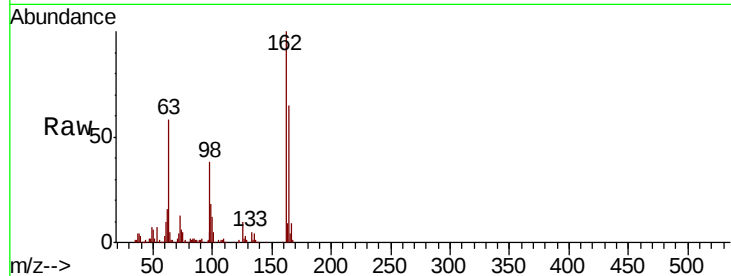
#29
 2,4-Dichlorophenol
 Concen: 42.825 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG044830.D
 Acq: 17 Mar 2020 12:35

Instrument :
 BNA_G
 ClientSampleId :
 PB127518BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.4	45.2	85.2
98	37.8	19.0	59.0

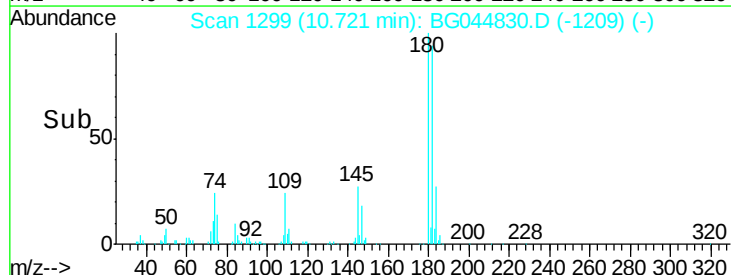
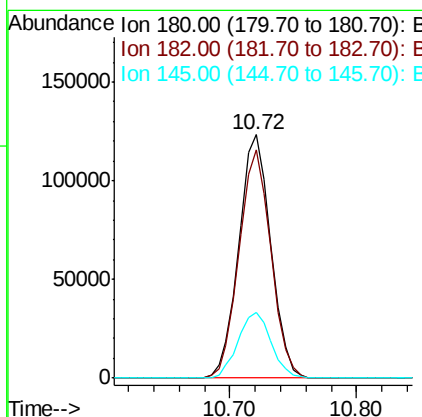
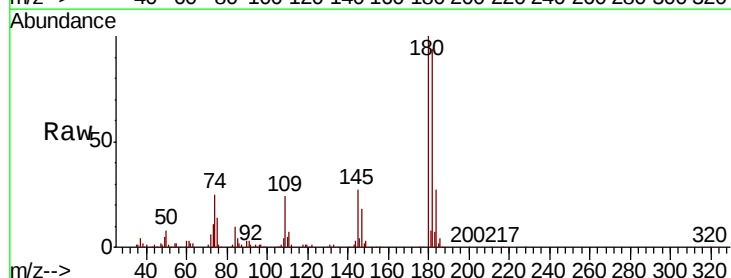
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.528 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BG044830.D
 Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.9	71.6	107.4
145	27.1	23.4	35.0





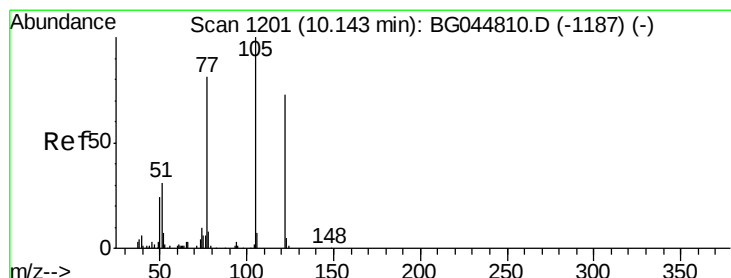
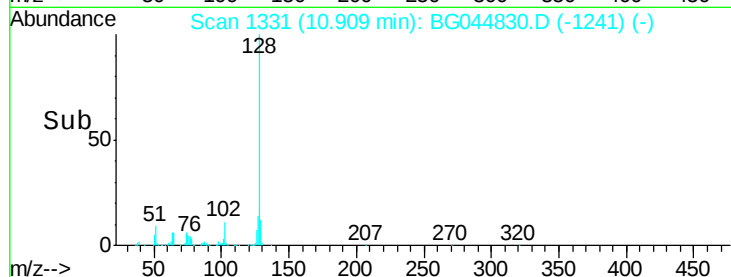
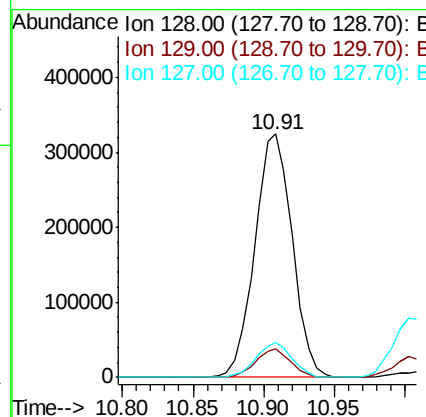
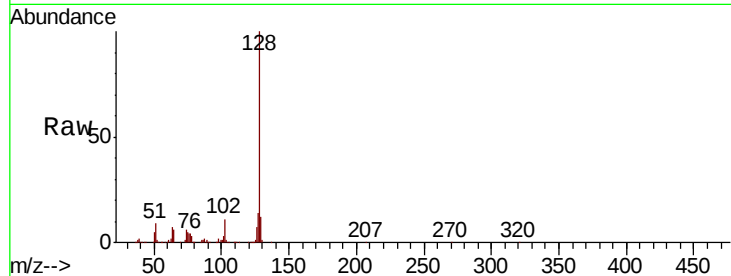
#31
Naphthalene
Concen: 38.250 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.9	9.0	13.4	
127	14.3	10.8	16.2	

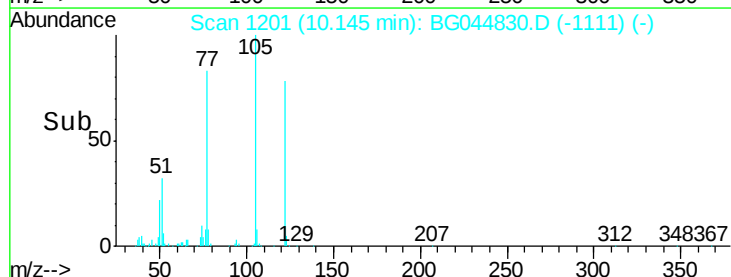
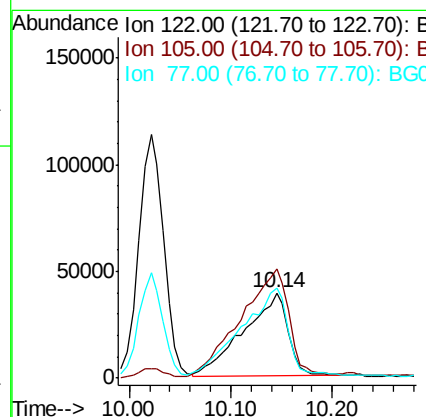
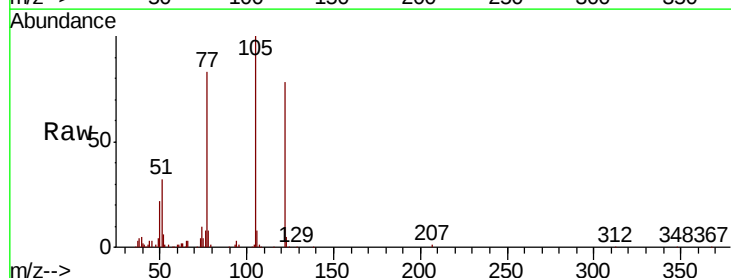
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#32
Benzoic acid
Concen: 39.465 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	127.9	109.1	149.1	
77	106.0	85.3	125.3	





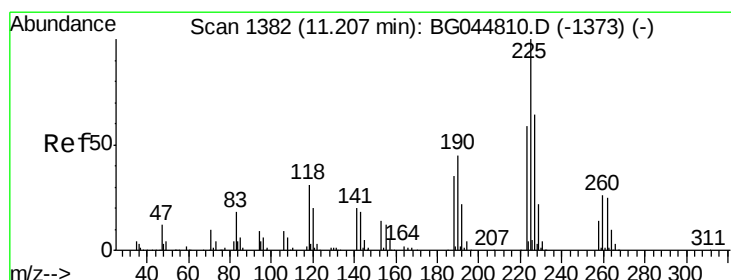
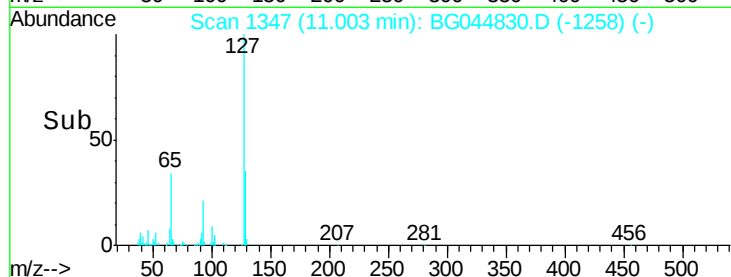
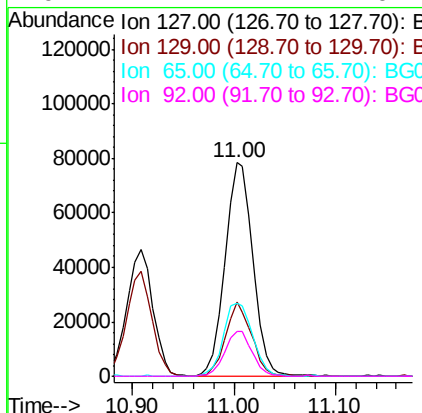
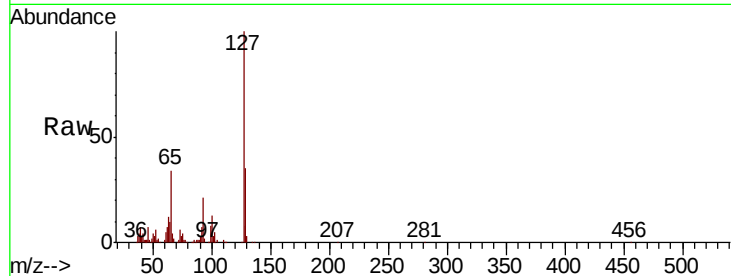
#33
4-Chloroaniline
Concen: 21.049 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.8	26.9	40.3
65	34.4	27.7	41.5
92	21.2	17.4	26.2

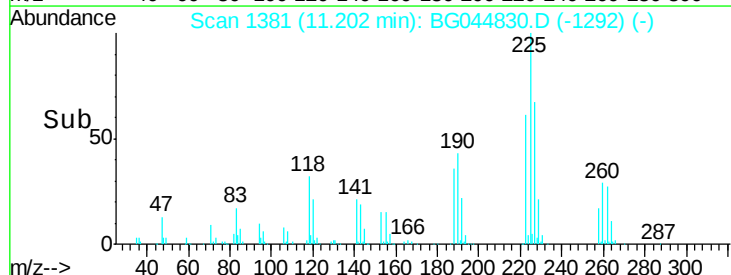
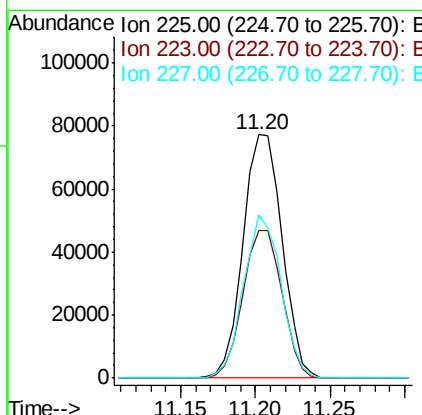
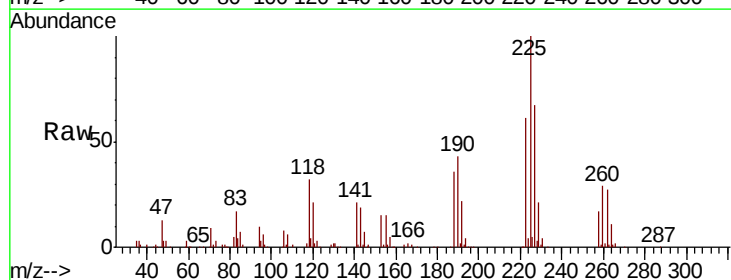
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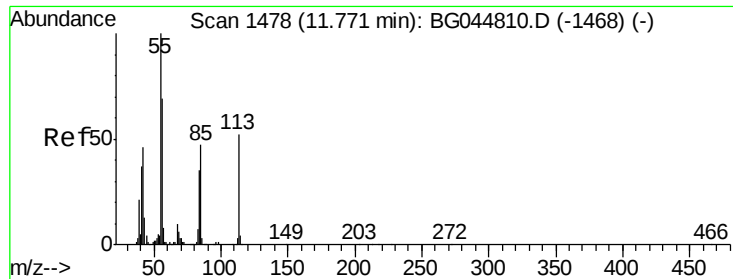
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#34
Hexachlorobutadiene
Concen: 37.084 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	47.4	71.0
227	66.8	50.8	76.2





#35

Caprolactam

Concen: 49.276 ng/mL

RT: 11.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Instrument :

BNA_G

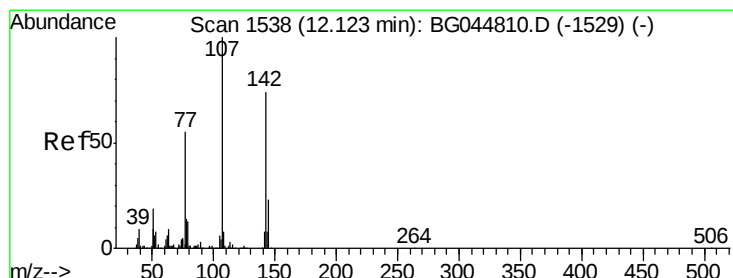
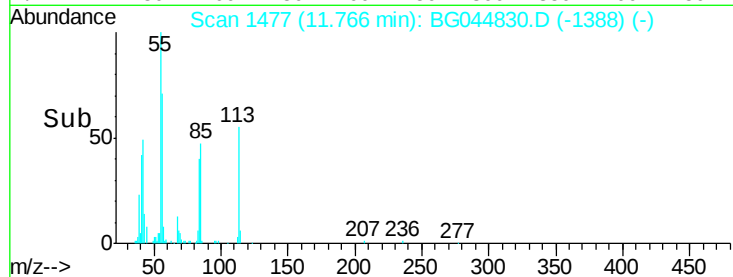
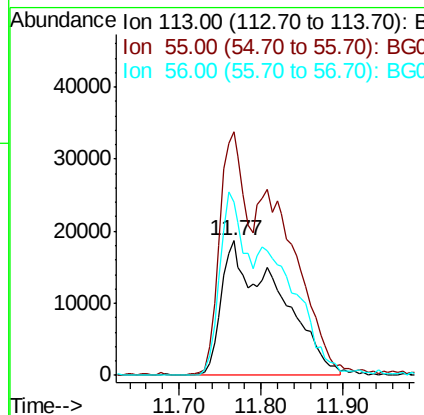
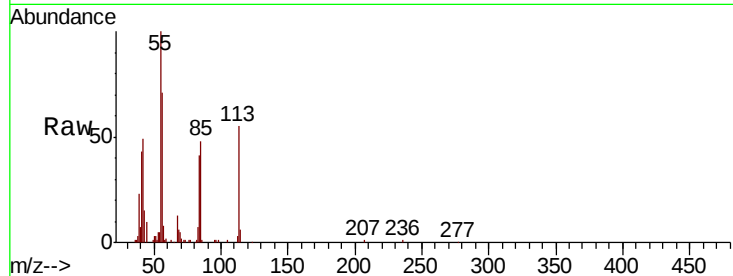
ClientSampleId :

PB127518BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	180.9		173.8	213.8	
56	129.1		113.8	153.8	

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#36

4-Chloro-3-methylphenol

Concen: 43.564 ng/mL

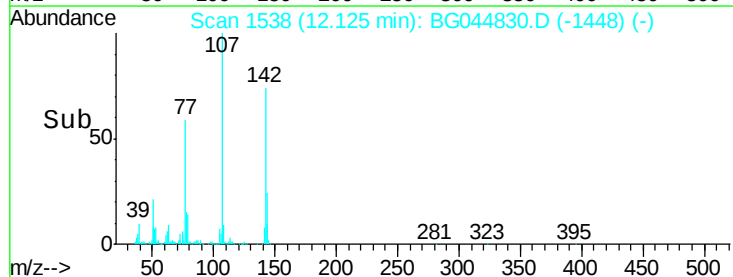
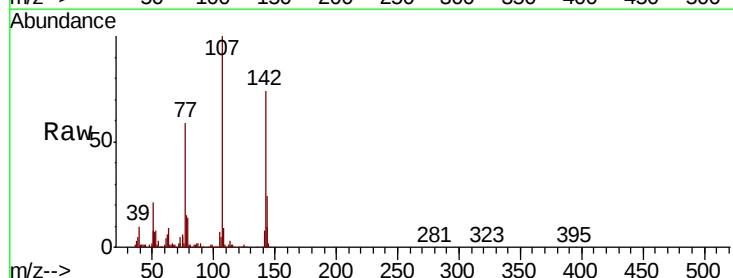
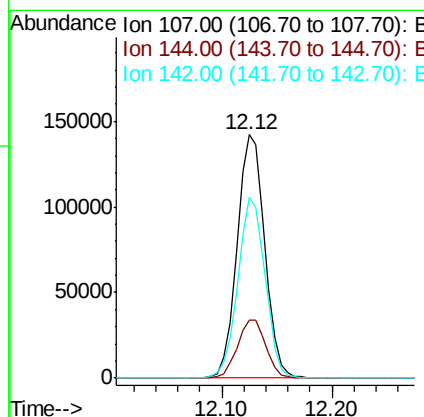
RT: 12.12 min Scan# 1538

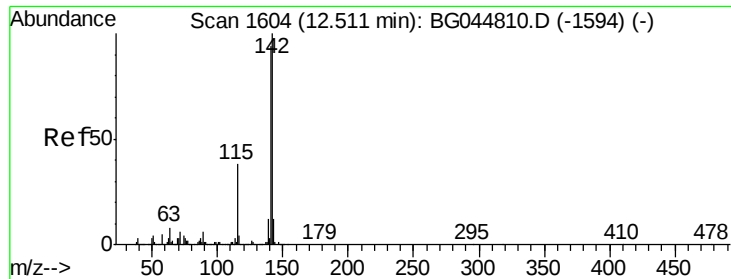
Delta R.T. 0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	23.7		18.0	27.0	
142	74.5		59.0	88.4	





#37

2-Methylnaphthalene

Concen: 38.992 ng

RT: 12.51 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Instrument :

BNA_G

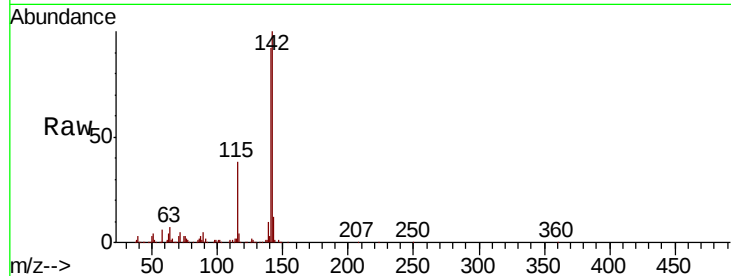
ClientSampleId :

PB127518BS

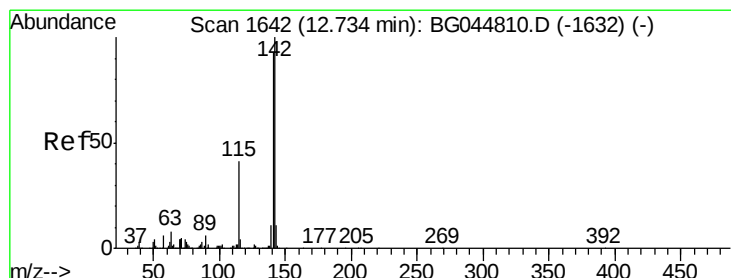
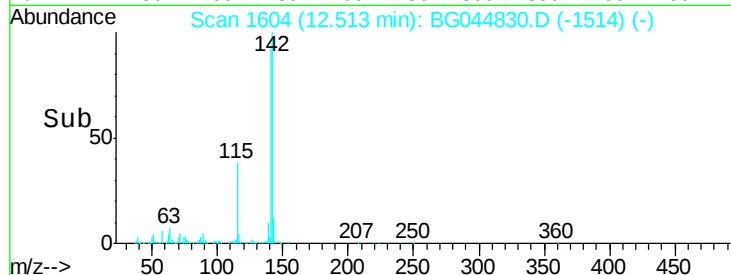
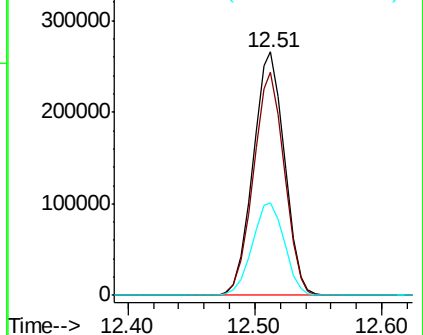
Tot Ion:	142	Resp:	458754
Ion Ratio	Lower	Upper	
142	100		
141	91.7	75.1	112.7
115	38.0	30.6	46.0

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.969 ng

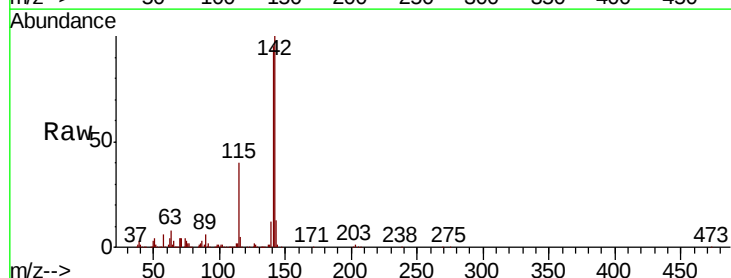
RT: 12.73 min Scan# 1641

Delta R.T. -0.00 min

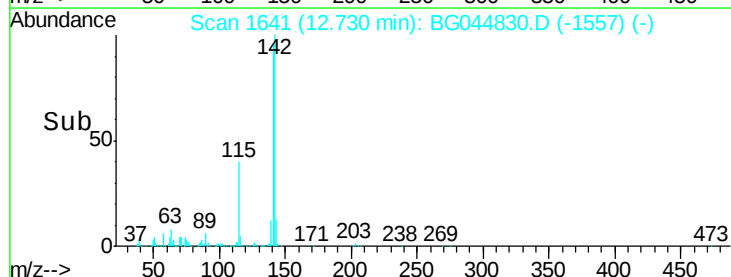
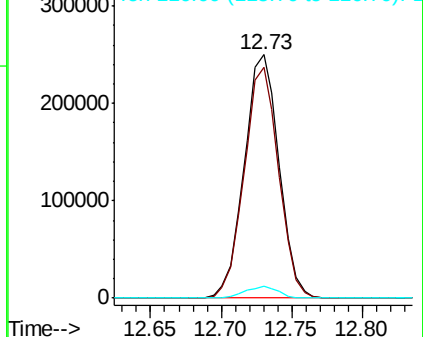
Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Tgt Ion:	142	Resp:	431031
Ion Ratio	Lower	Upper	
142	100		
141	94.9	74.7	112.1
116	4.7	3.3	4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





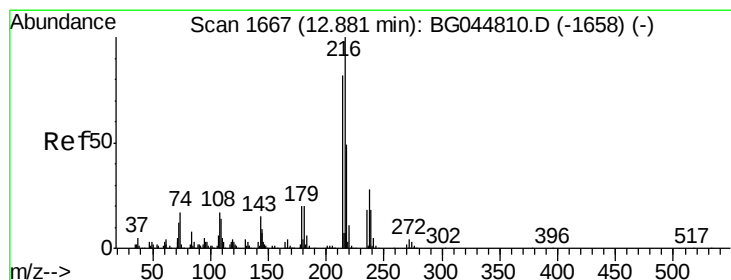
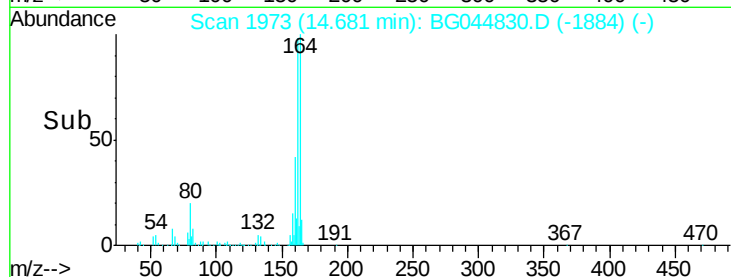
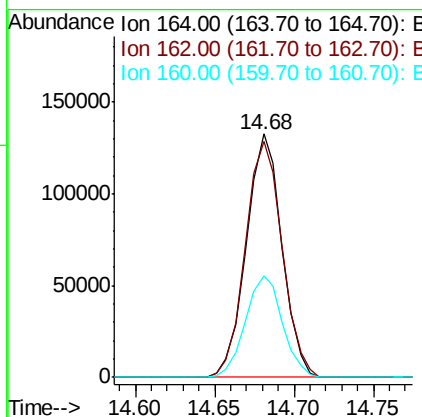
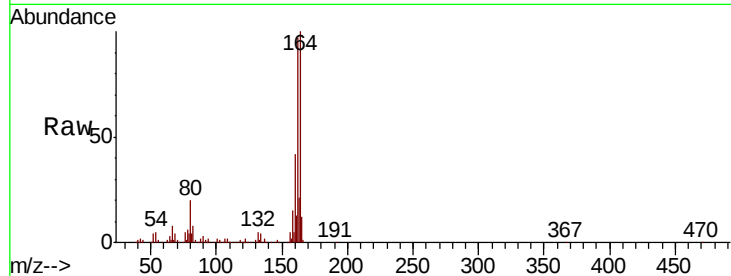
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.1	76.7	115.1
160	41.6	35.0	52.4

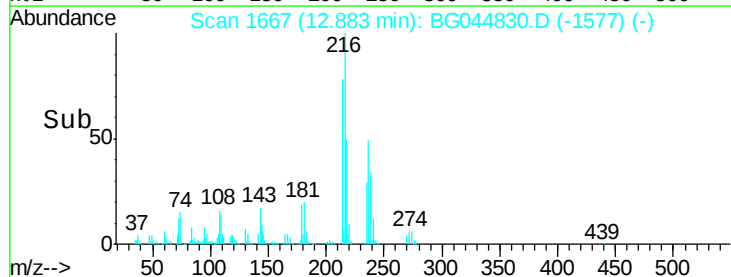
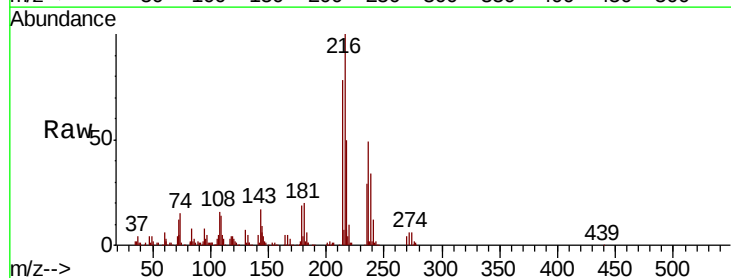
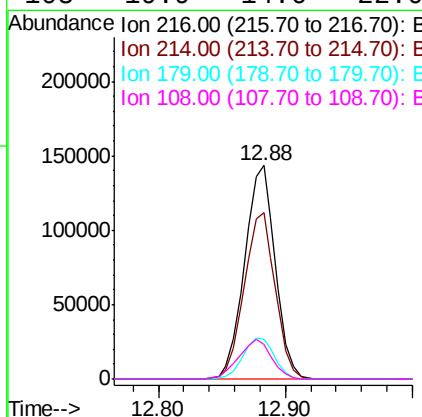
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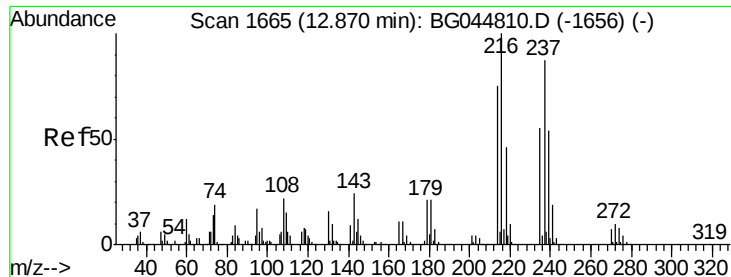
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.223 ng
RT: 12.88 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.6
179	19.6	16.2	24.2
108	19.9	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 87.400 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Instrument :

BNA_G

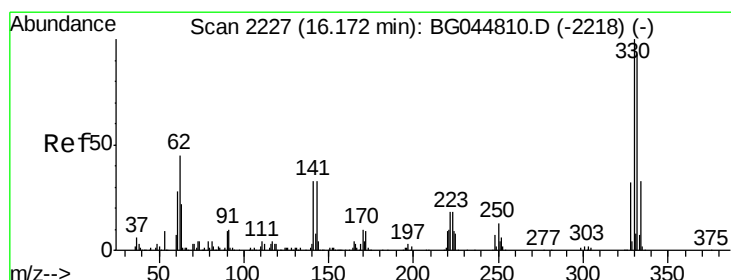
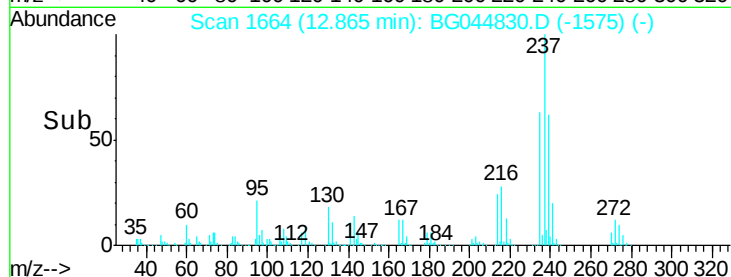
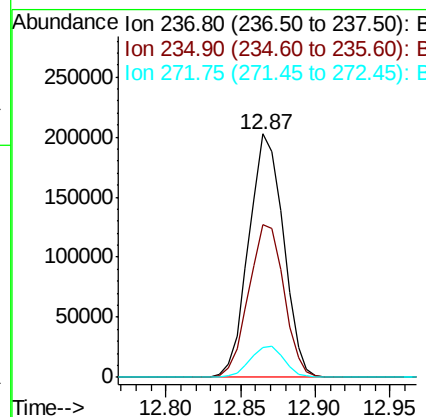
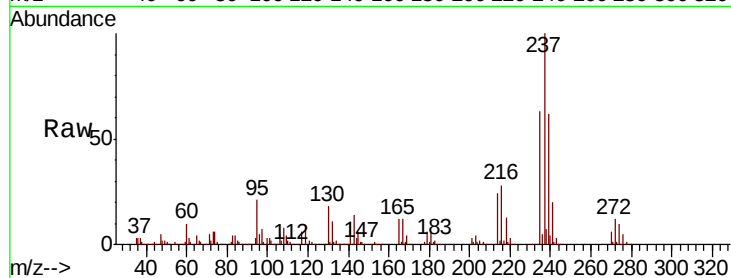
ClientSampleId :

PB127518BS

Tot Ion:	237	Resp:	325031
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.9	82.9
272	12.1	0.0	31.6

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#42

2,4,6-Tribromophenol

Concen: 128.561 ng

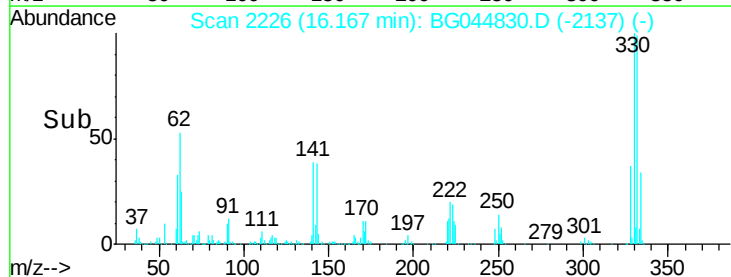
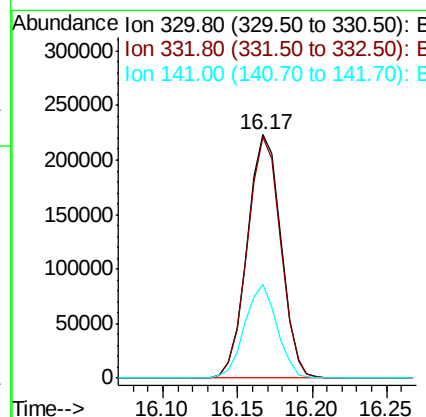
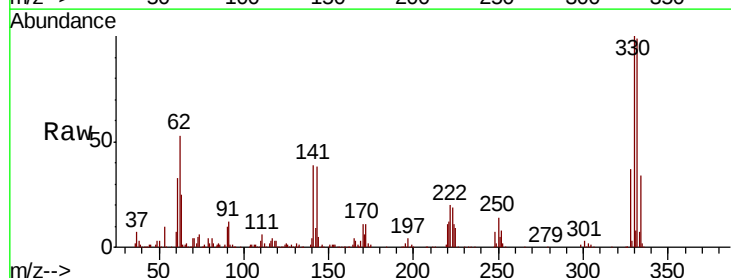
RT: 16.17 min Scan# 2226

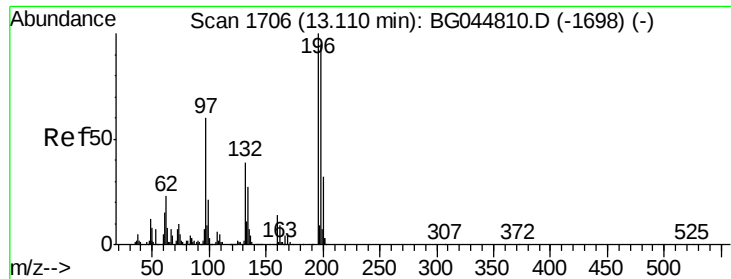
Delta R.T. -0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Tgt Ion:	330	Resp:	347818
Ion Ratio	Lower	Upper	
330	100		
332	98.0	77.8	116.6
141	37.1	29.5	44.3





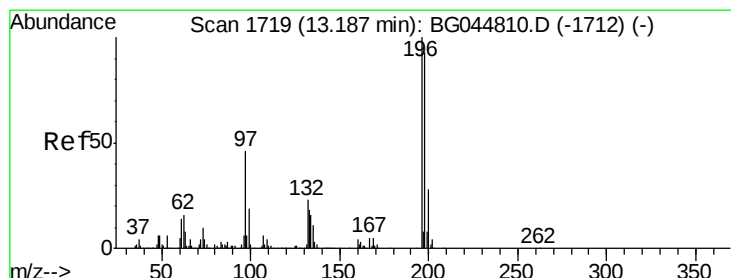
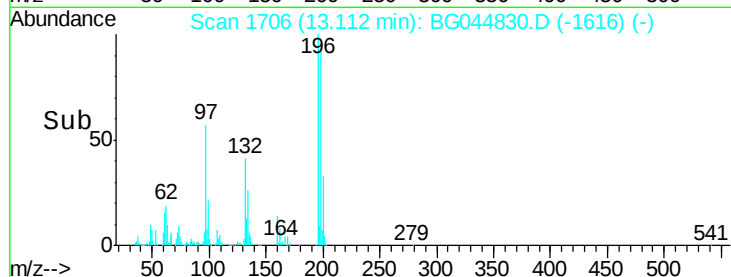
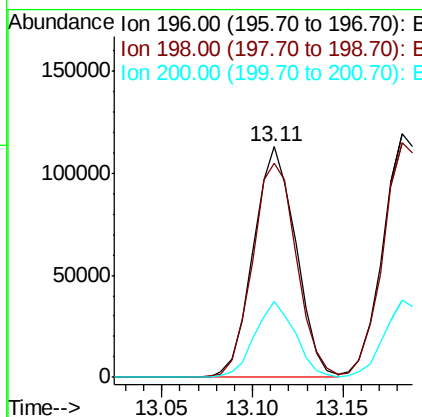
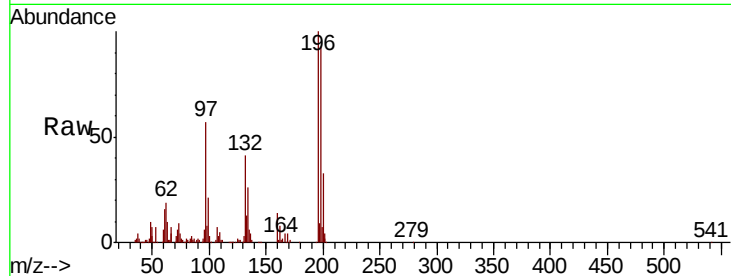
#43
2,4,6-Trichlorophenol
Concen: 40.857 ng
RT: 13.11 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.9	74.9	112.3
200	33.1	25.8	38.6

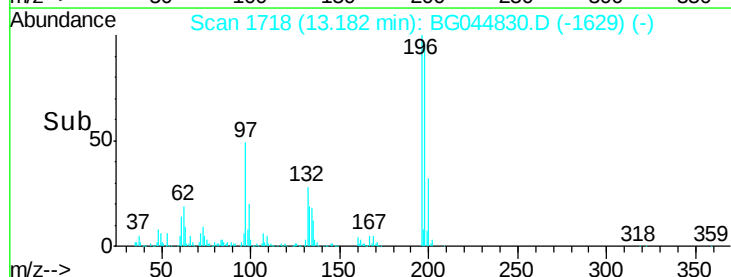
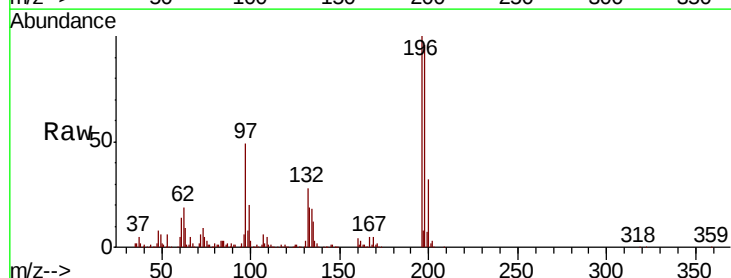
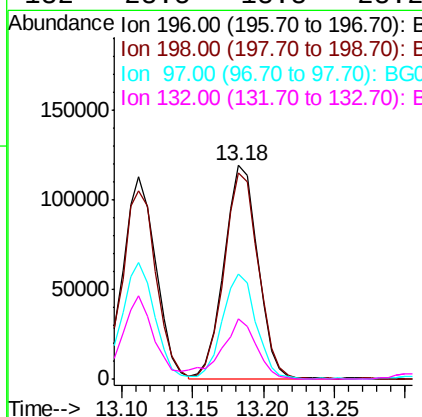
Manual Integrations
APPROVED

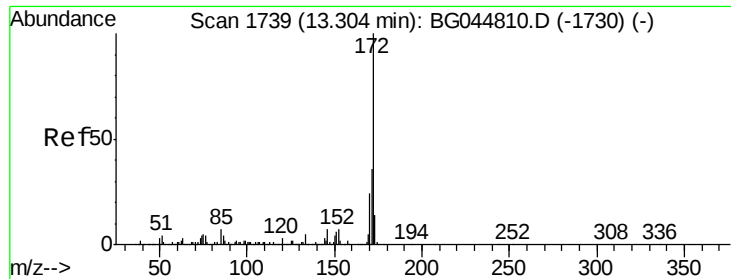
mohammad
3/18/2020 4:00:03 PM



#44
2,4,5-Trichlorophenol
Concen: 42.428 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	74.2	111.4
97	48.9	36.7	55.1
132	28.5	18.8	28.2#





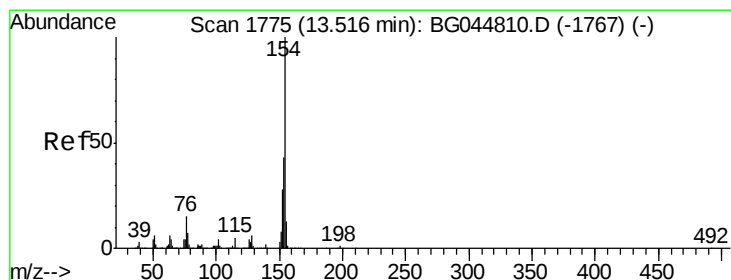
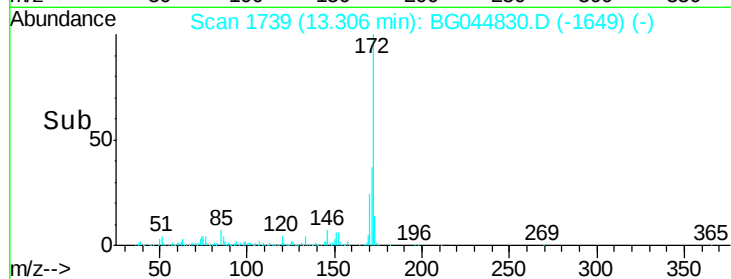
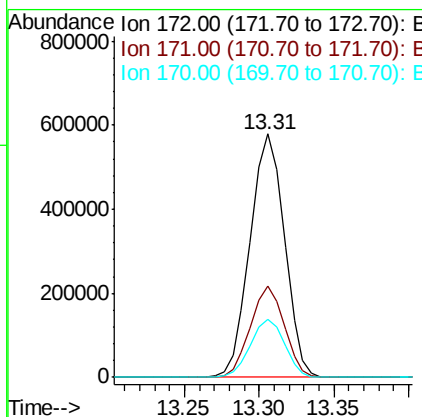
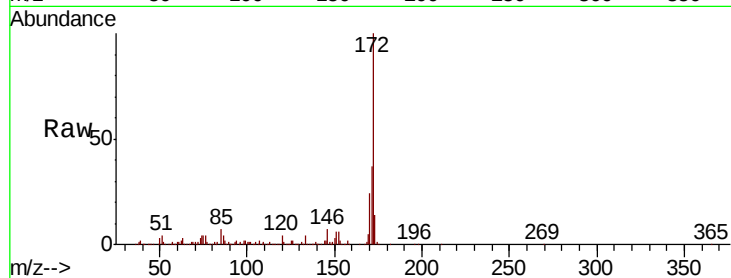
#45
2-Fluorobiphenyl
Concen: 64.011 ng
RT: 13.31 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.7	43.1
170	24.0	19.0	28.6

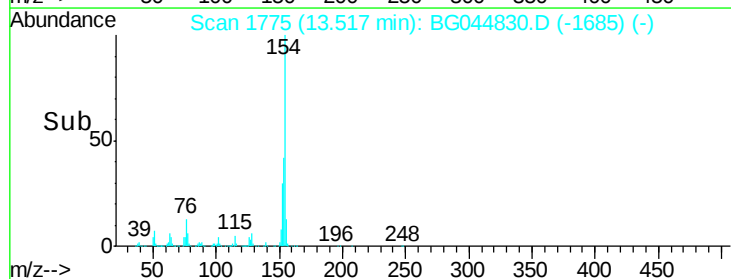
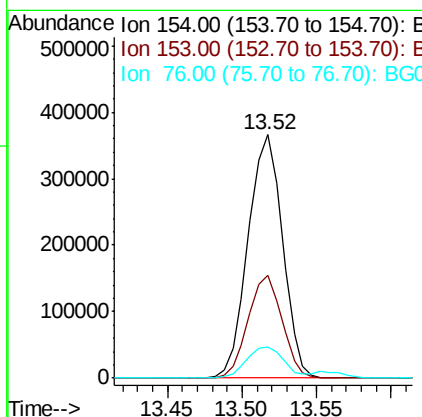
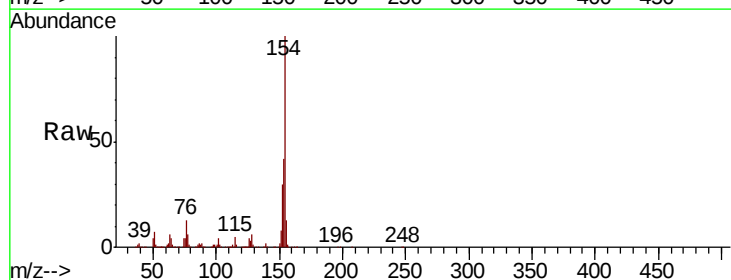
Manual Integrations
APPROVED

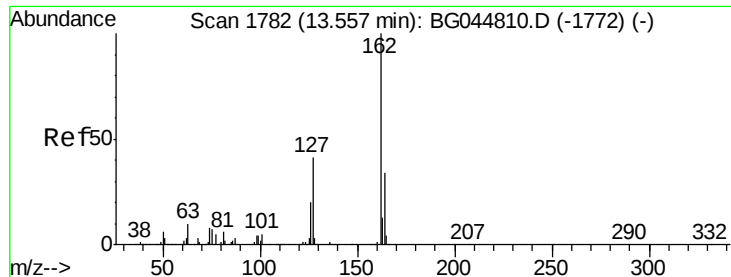
mohammad
3/18/2020 4:00:03 PM



#46
1,1'-Biphenyl
Concen: 35.286 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.9	62.9
76	13.0	0.0	34.6





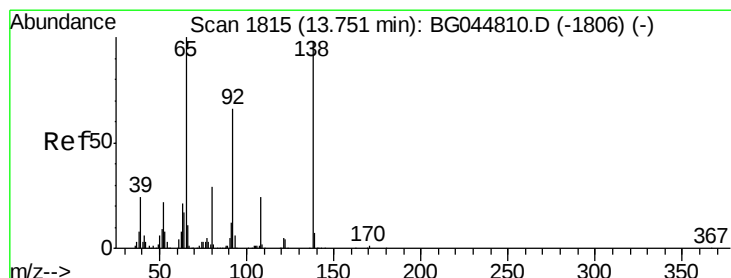
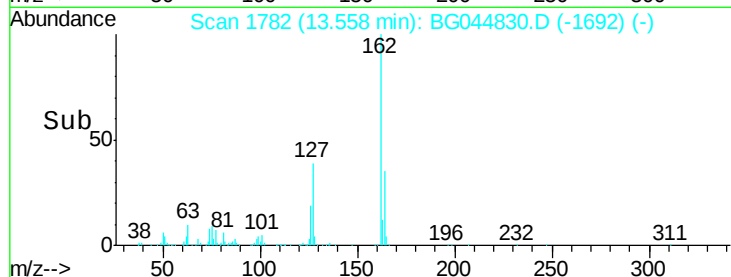
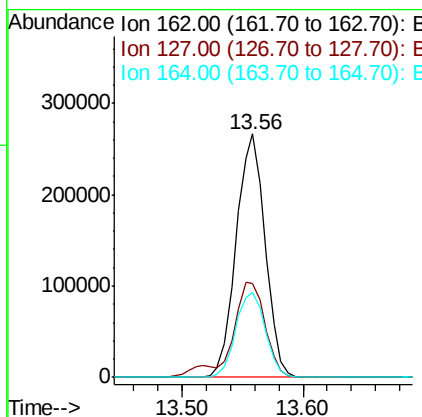
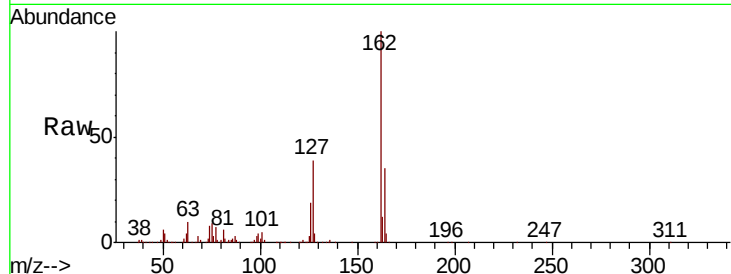
#47
2-Chloronaphthalene
Concen: 35.247 ng
RT: 13.56 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	444606		
127	38.6		33.1	49.7
164	34.6		27.4	41.2

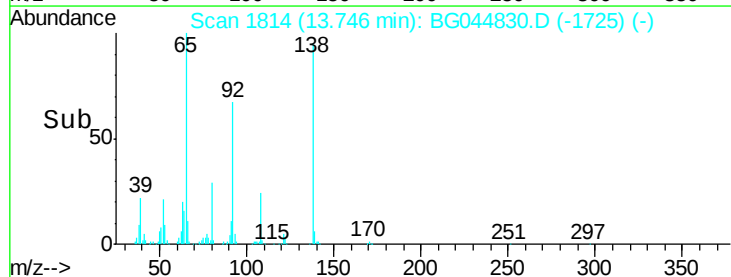
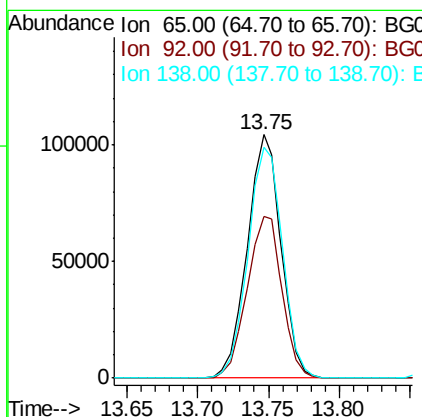
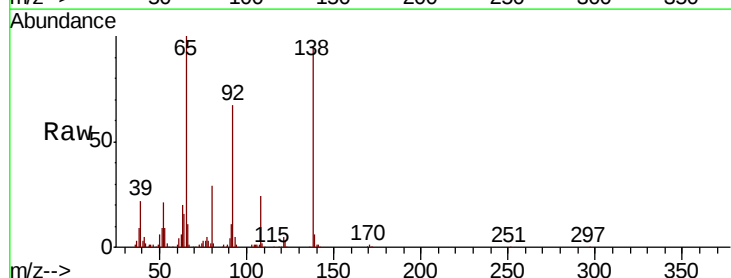
Manual Integrations
APPROVED

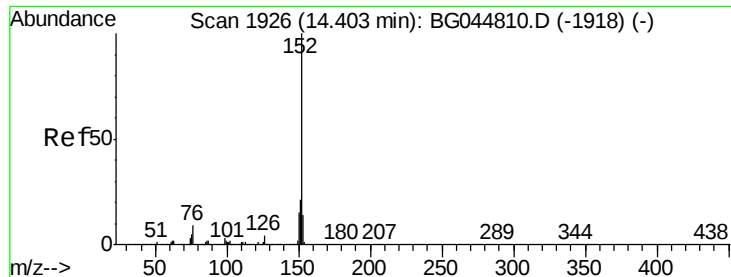
mohammad
3/18/2020 4:00:03 PM



#48
2-Nitroaniline
Concen: 39.584 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	174804		
92	66.7		52.6	79.0
138	94.6		78.3	117.5





#49

Acenaphthylene

Concen: 38.910 ng

RT: 14.40 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Instrument :

BNA_G

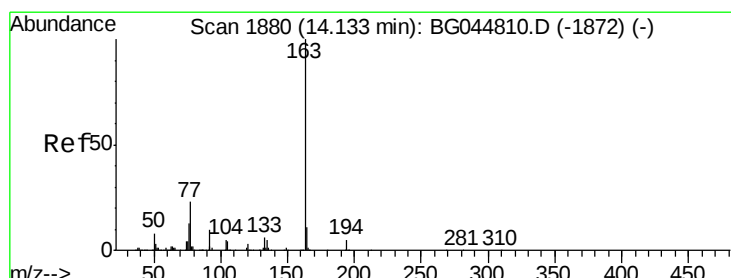
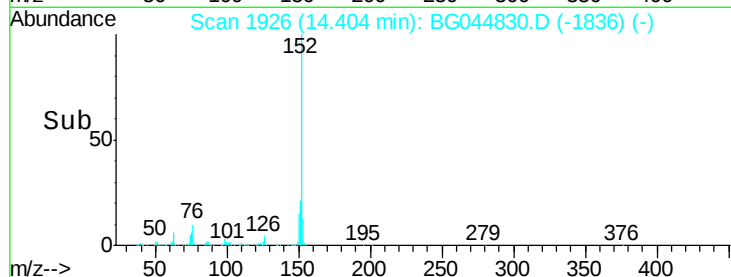
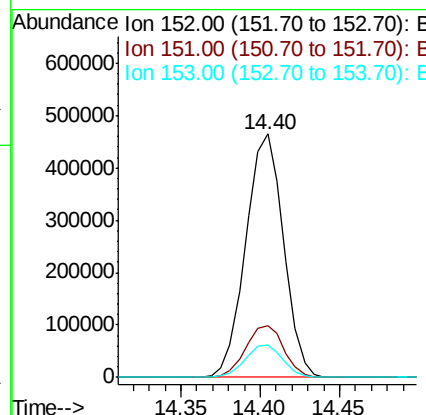
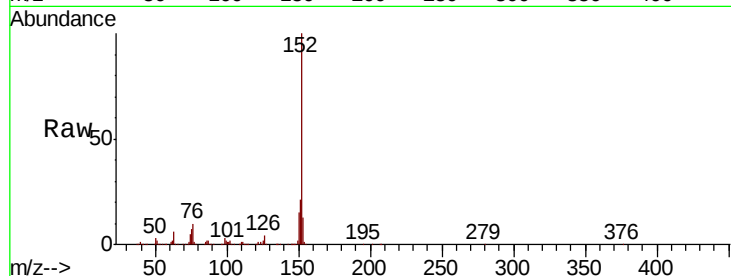
ClientSampleId :

PB127518BS

Tot Ion:	152	Resp:	768912
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.8	25.2
153	13.4	10.8	16.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 39.148 ng

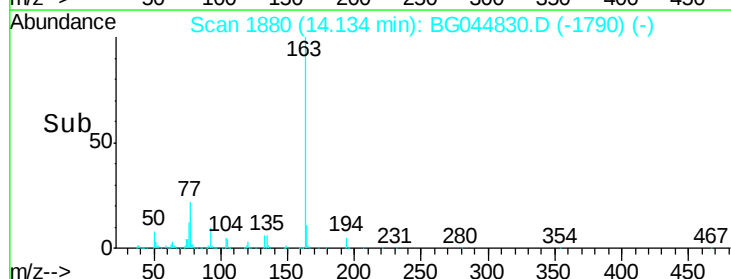
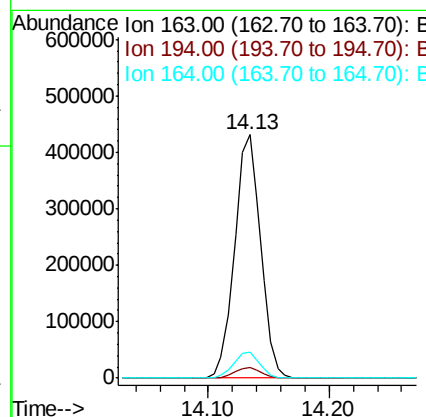
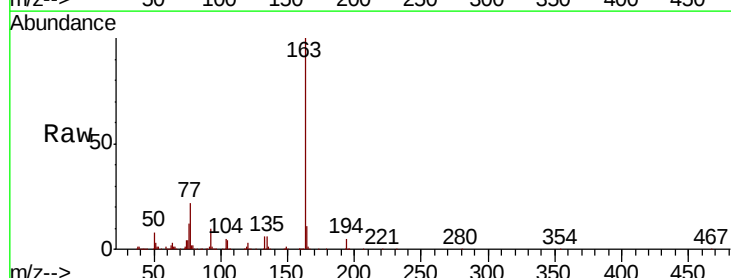
RT: 14.13 min Scan# 1880

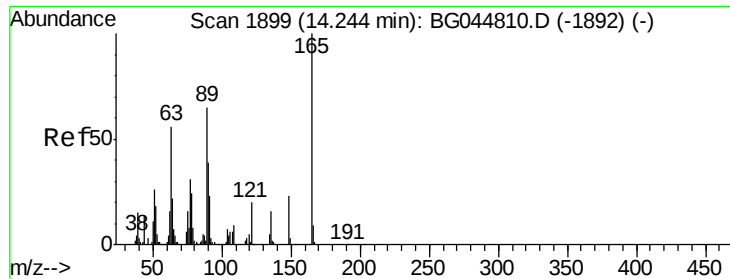
Delta R.T. 0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Tgt Ion:	163	Resp:	644264
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.7	5.5
164	10.8	9.1	13.7





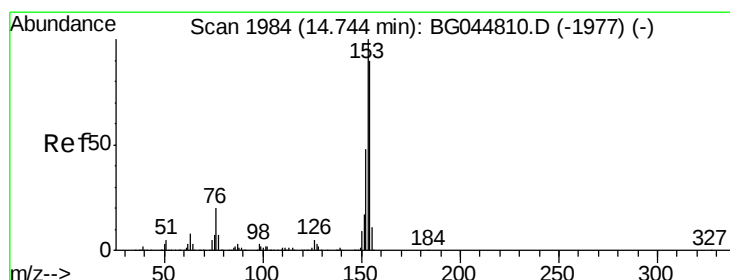
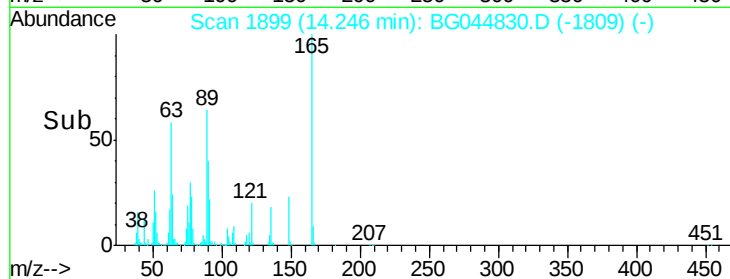
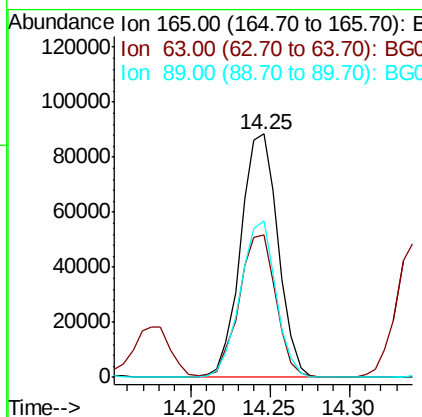
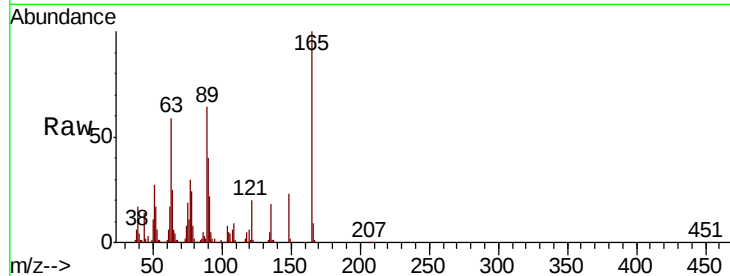
#51
 2,6-Dinitrotoluene
 Concen: 43.509 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BG044830.D
 Acq: 17 Mar 2020 12:35

Instrument :
 BNA_G
 ClientSampleId :
 PB127518BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	144330		
63	58.6		45.8	68.8
89	64.2		51.8	77.6

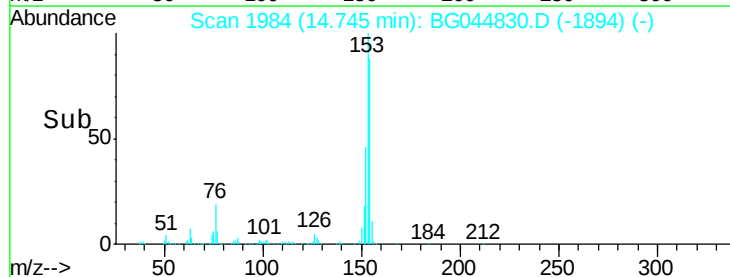
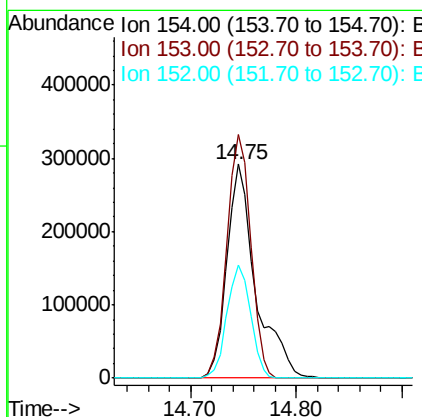
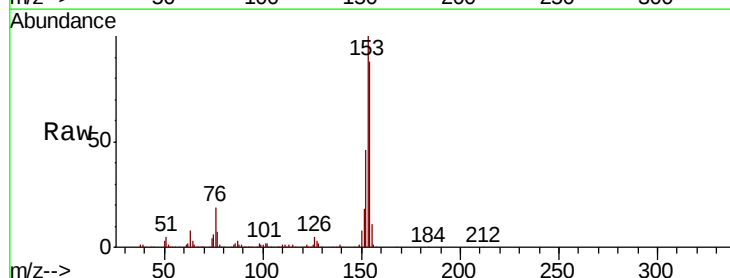
Manual Integrations
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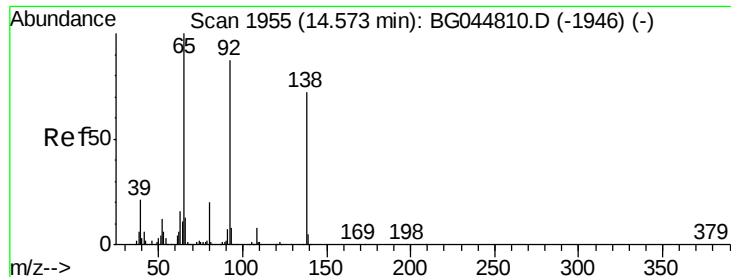
mohammad
 3/18/2020 4:00:03 PM



#52
 Acenaphthene
 Concen: 42.621 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: BG044830.D
 Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	551597		
153	113.7		89.0	133.6
152	52.8		43.0	64.6





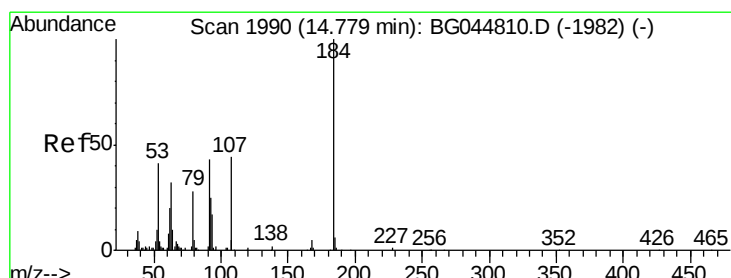
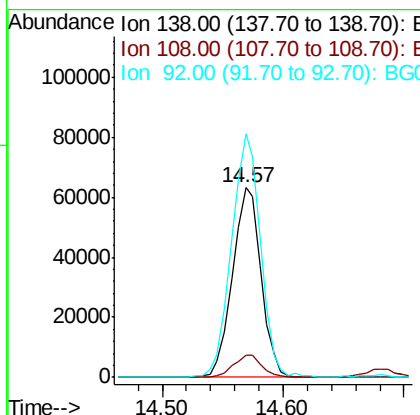
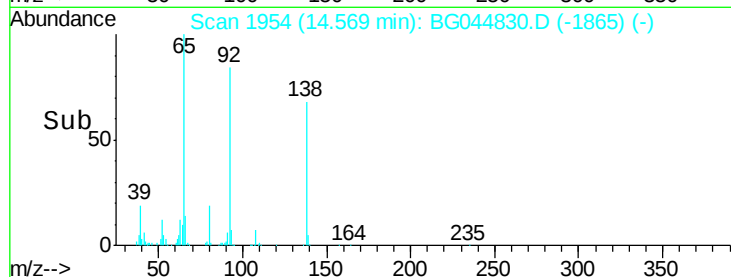
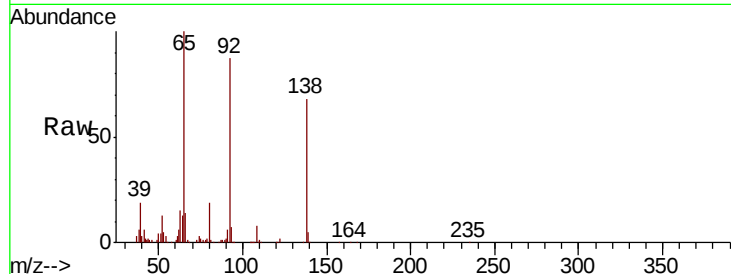
#53
3-Nitroaniline
Concen: 27.197 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.0	13.4
92	128.5	96.8	145.2

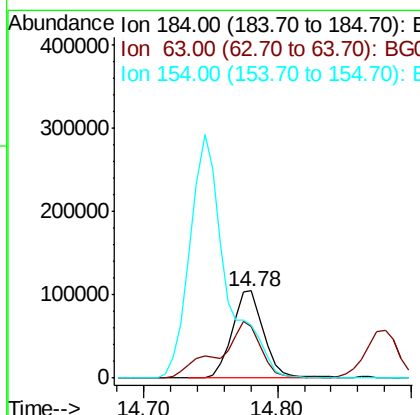
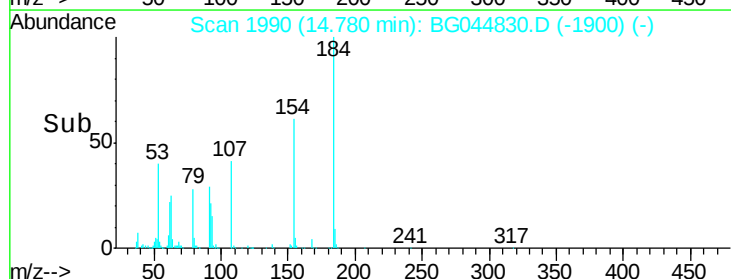
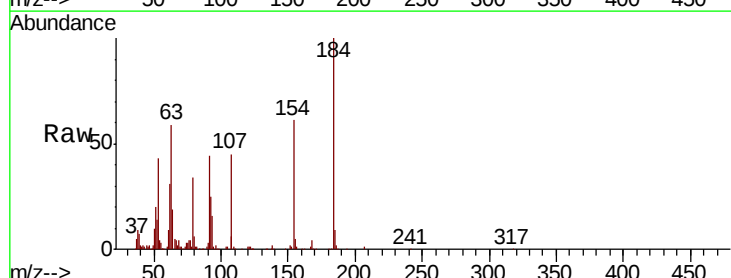
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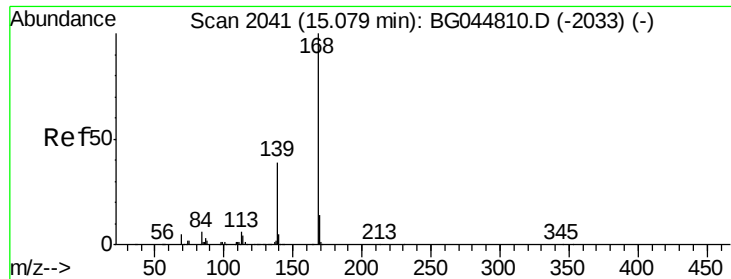
mohammad
3/18/2020 4:00:03 PM



#54
2,4-Dinitrophenol
Concen: 97.182 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.9	45.5	68.3
154	60.5	49.1	73.7





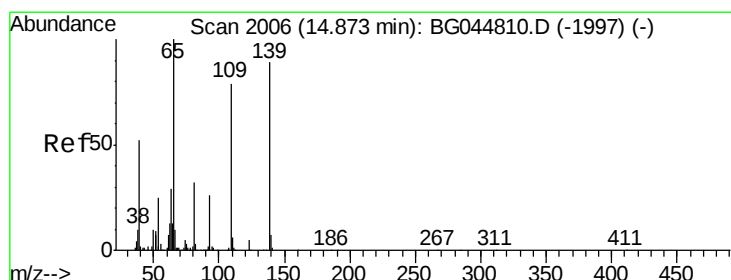
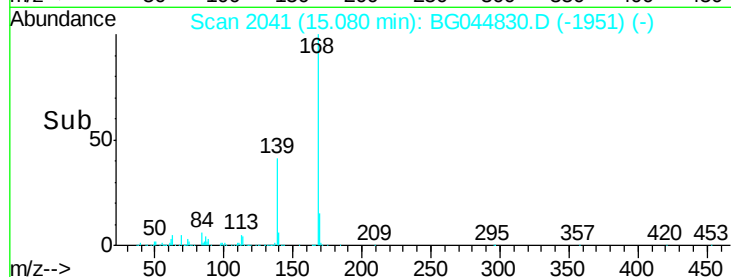
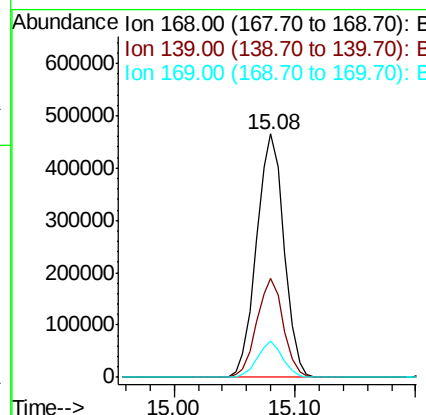
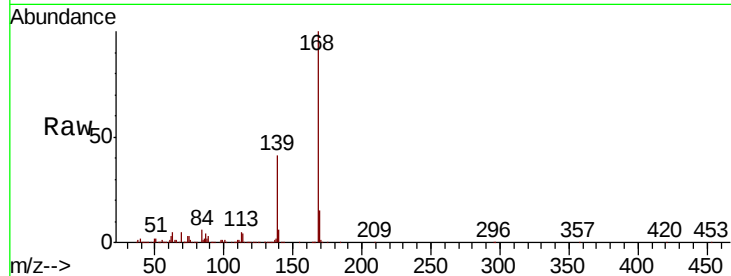
#55
Dibenzofuran
Concen: 39.148 ng
RT: 15.08 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	31.4	47.0
169	14.9	11.1	16.7

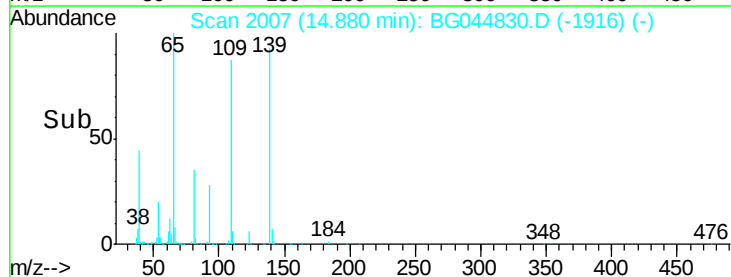
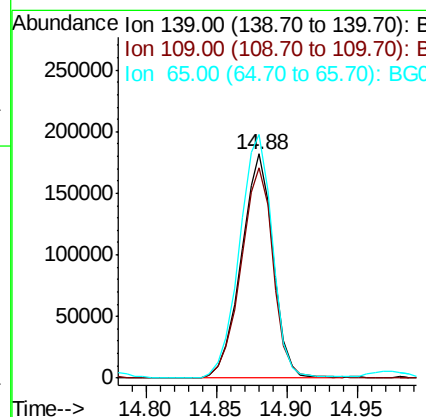
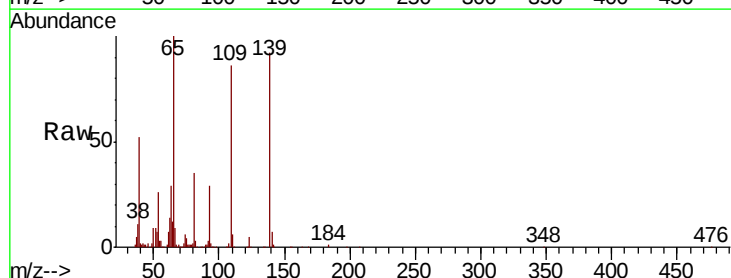
Manual Integrations
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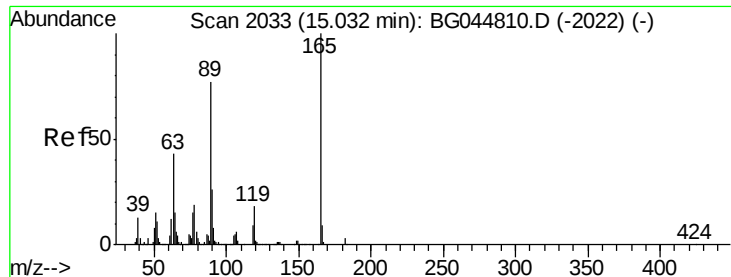
mohammad
3/18/2020 4:00:03 PM



#56
4-Nitrophenol
Concen: 98.726 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	93.8	68.8	108.8
65	108.6	92.5	132.5





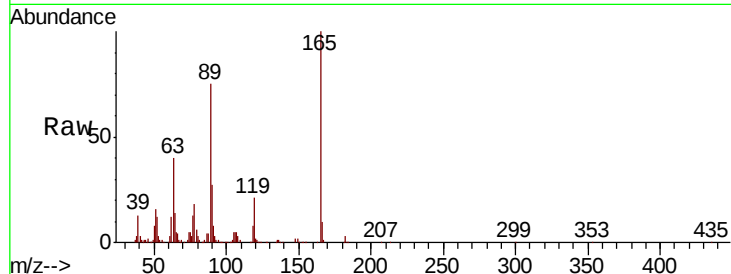
#57
2,4-Dinitrotoluene
Concen: 45.906 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.7	34.6	52.0
89	74.8	61.3	91.9
182	2.8	2.2	3.2

Manual Integrations
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mohammad
3/18/2020 4:00:03 PM



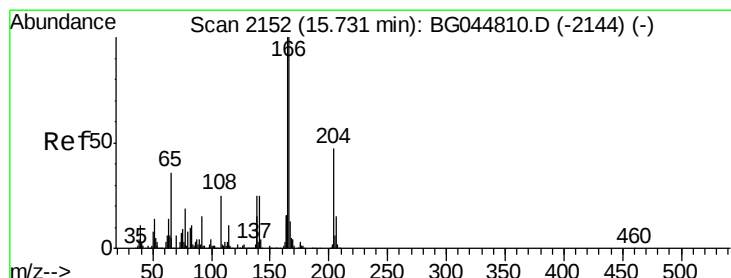
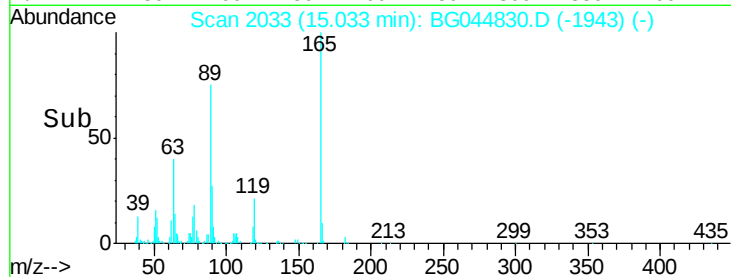
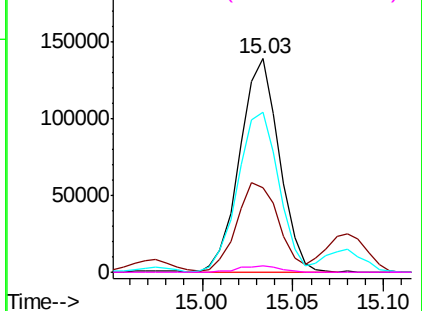
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

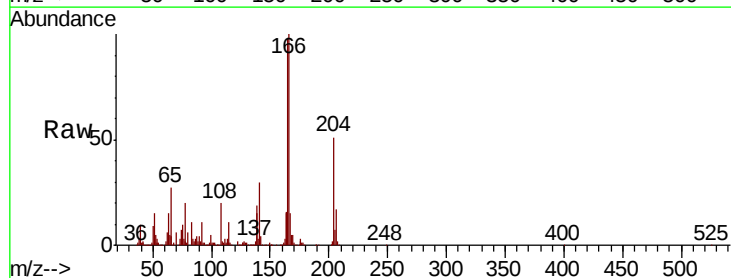
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.008 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.7	119.5
167	14.6	10.6	16.0

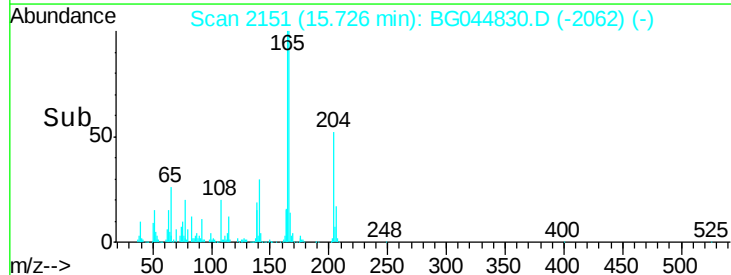
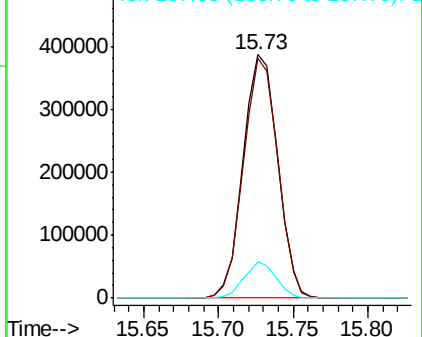


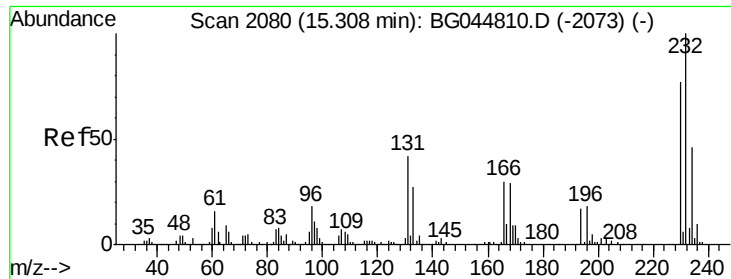
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





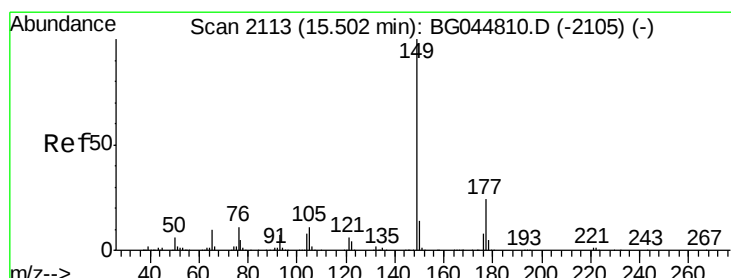
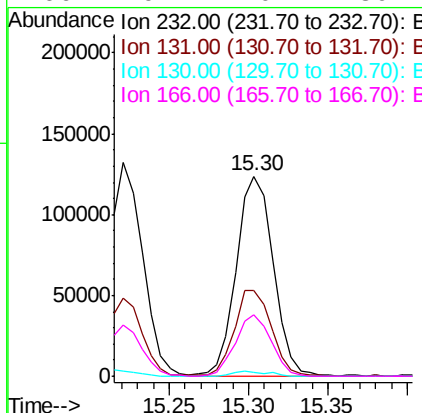
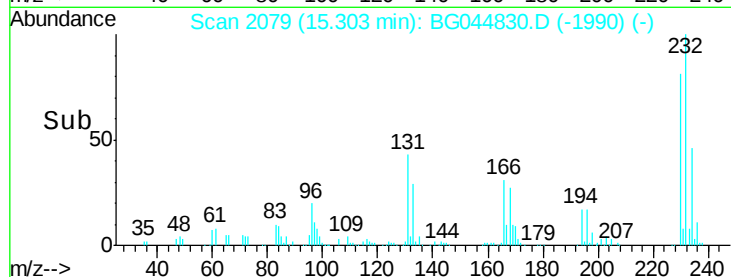
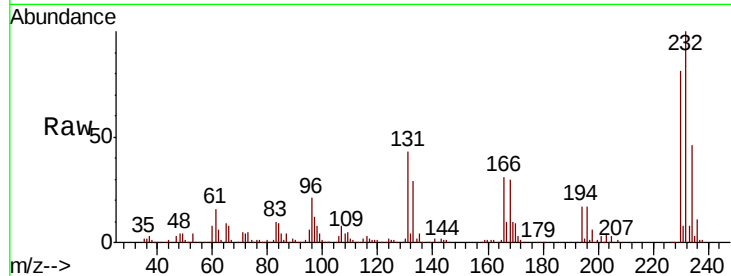
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.252 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: BG044830.D
 Acq: 17 Mar 2020 12:35

Instrument :
 BNA_G
 ClientSampleId :
 PB127518BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	199435		
131	43.7		31.8	47.8
130	2.5		2.2	3.2
166	29.7		20.2	30.2

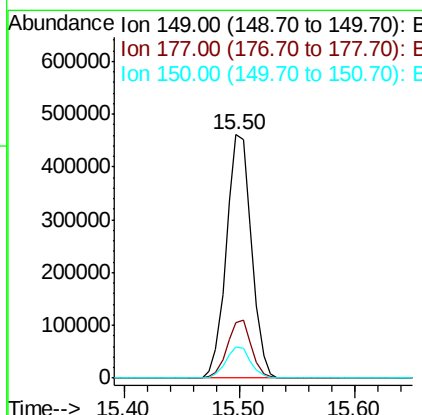
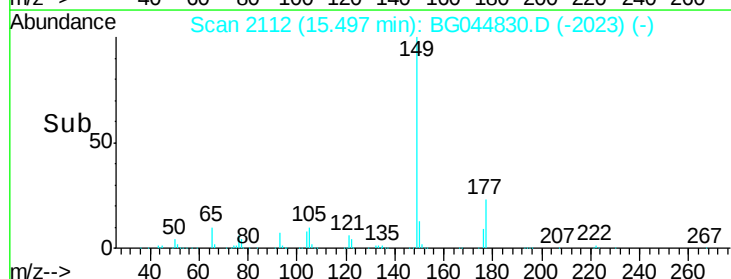
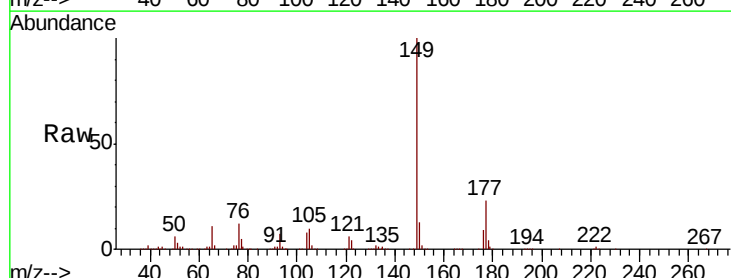
Manual Integrations
 APPROVED

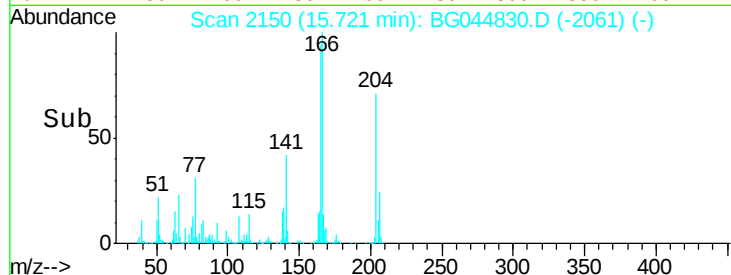
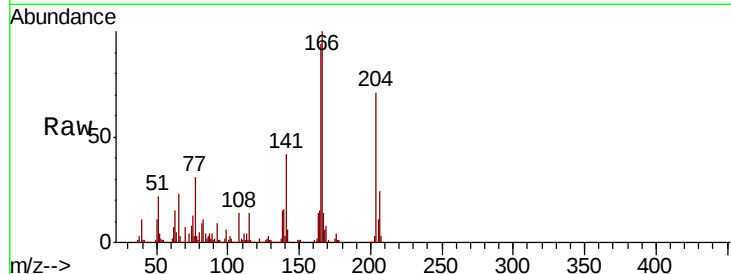
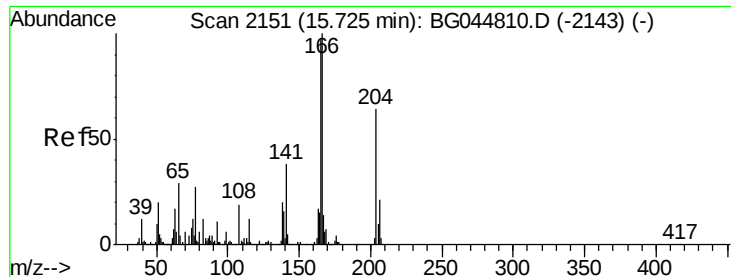
mohammad
 3/18/2020 4:00:03 PM



#60
 Diethylphthalate
 Concen: 40.228 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG044830.D
 Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	690488		
177	22.6		19.3	28.9
150	12.7		11.0	16.6





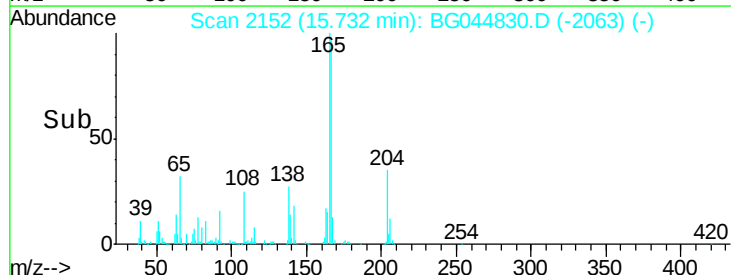
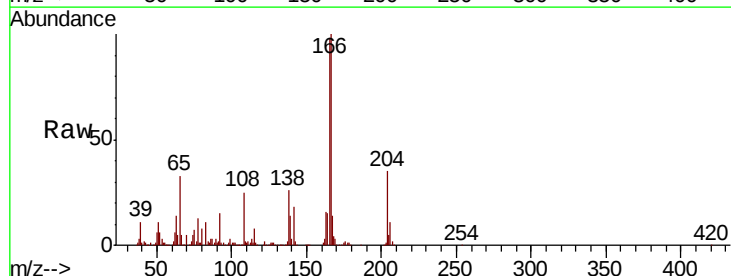
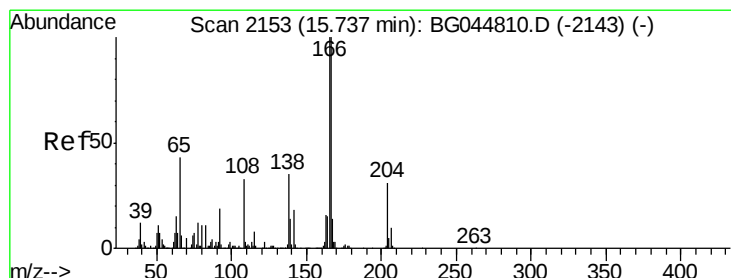
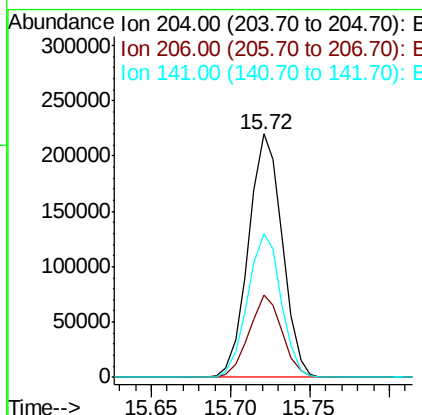
#61
4-Chlorophenyl-phenylether
Concen: 39.122 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.2	39.2
141	59.2	47.7	71.5

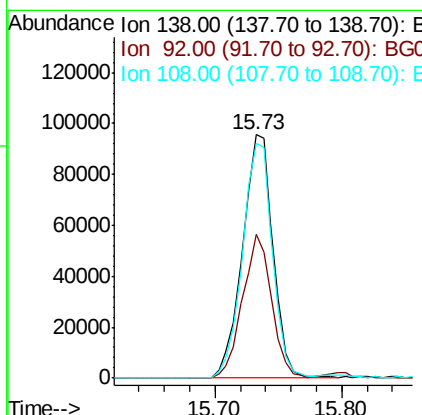
Manual Integrations
APPROVED

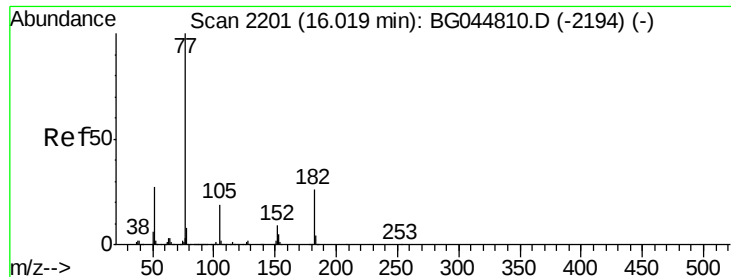
mohammad
3/18/2020 4:00:03 PM



#62
4-Nitroaniline
Concen: 39.218 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.3	34.5	74.5
108	96.5	74.5	114.5





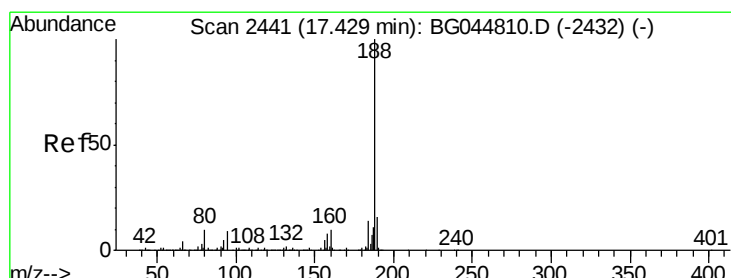
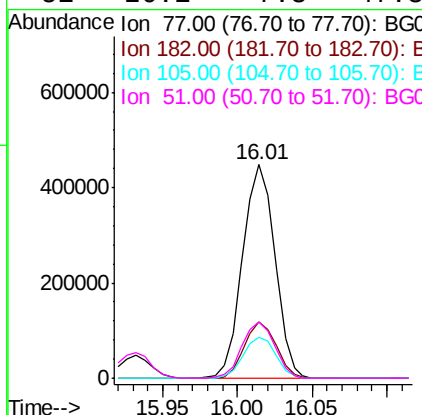
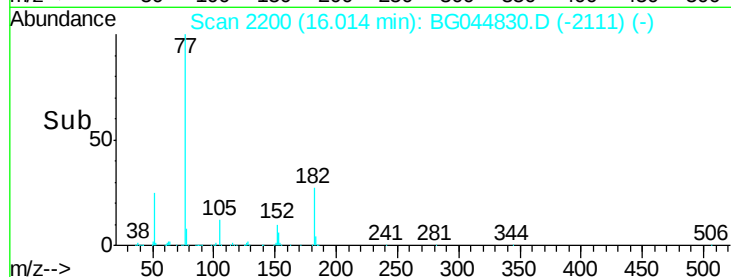
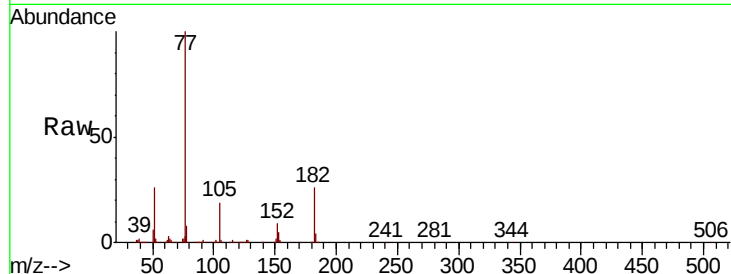
#63
Azobenzene
Concen: 37.650 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

Tot Ion	77	Resp	671104
Ion	Ratio	Lower	Upper
77	100		
182	26.3	6.4	46.4
105	19.2	0.0	39.1
51	26.1	7.3	47.3

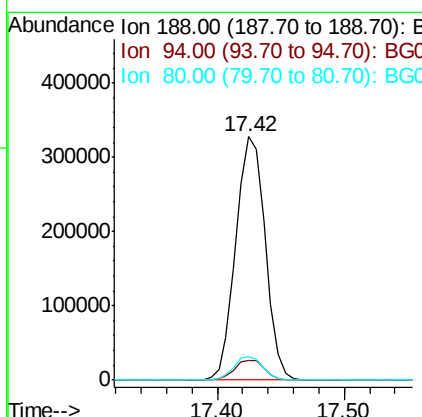
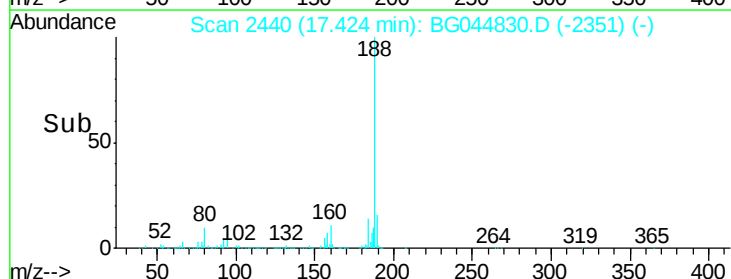
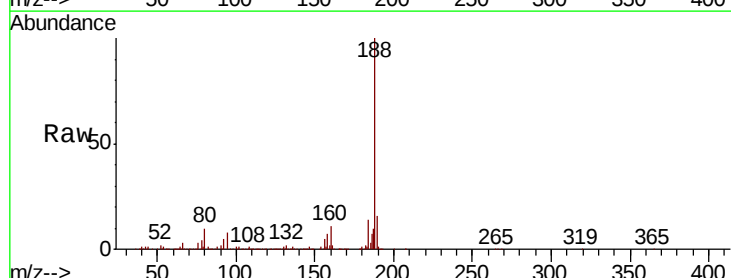
Manual Integrations
APPROVED

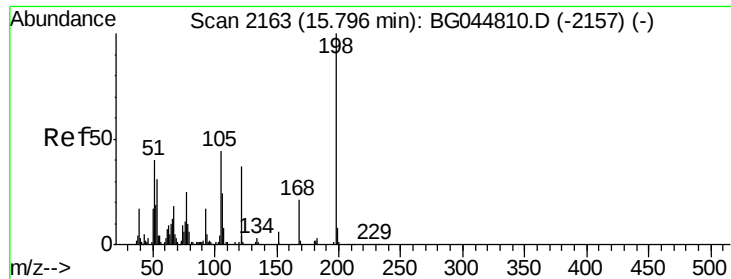
mohammad
3/18/2020 4:00:03 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	188	Resp	526440
Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.3	10.9
80	9.9	8.0	12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 51.872 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Instrument :

BNA_G

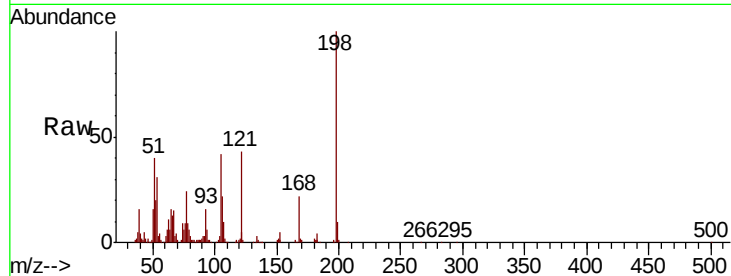
ClientSampleId :

PB127518BS

Tot Ion:	198	Resp:	130344
Ion Ratio	Lower	Upper	
198	100		
51	40.3	21.1	61.1
105	41.7	24.5	64.5

Manual Integrations
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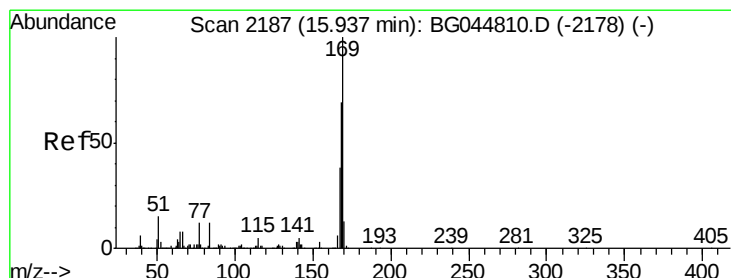
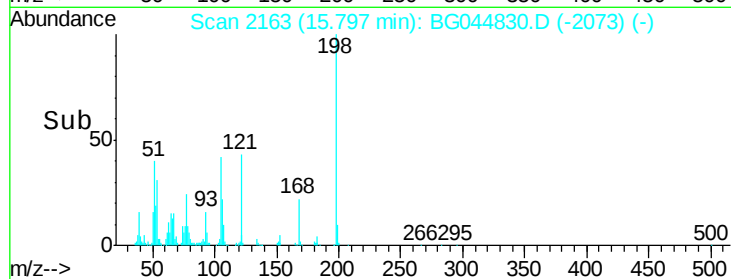
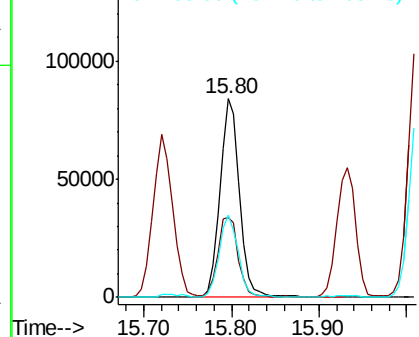
mohammad
3/18/2020 4:00:03 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 35.861 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BG044830.D

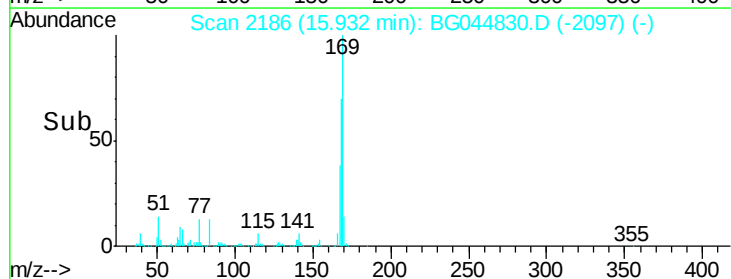
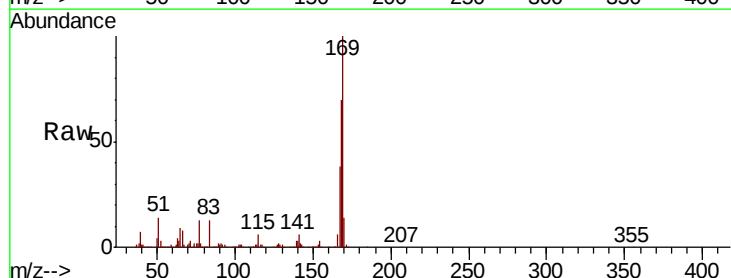
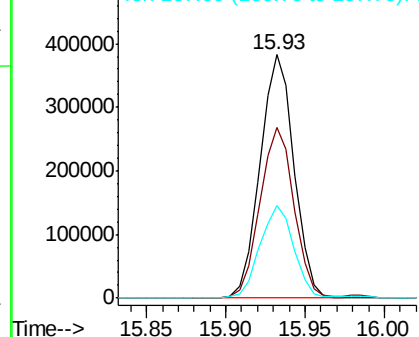
Acq: 17 Mar 2020 12:35

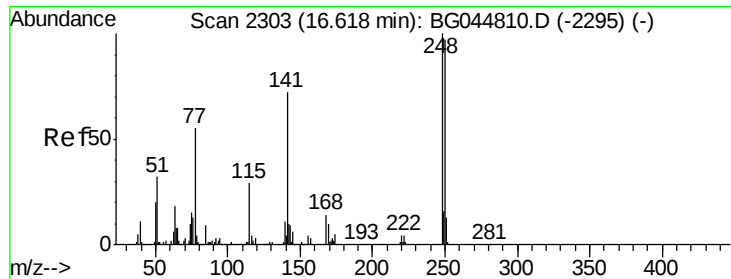
Tgt Ion:	169	Resp:	568377
Ion Ratio	Lower	Upper	
169	100		
168	70.1	55.4	83.2
167	37.9	30.1	45.1

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





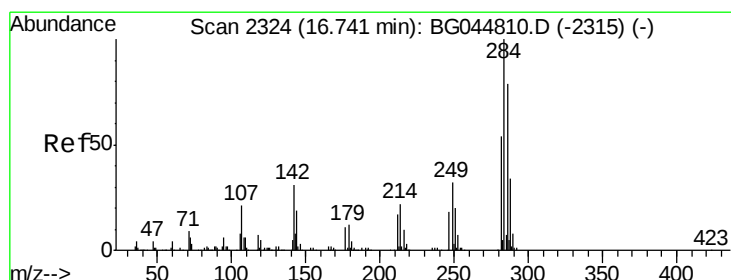
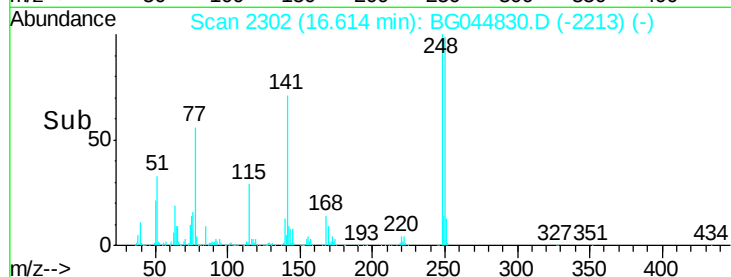
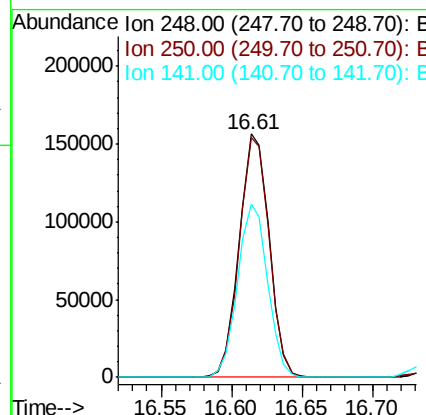
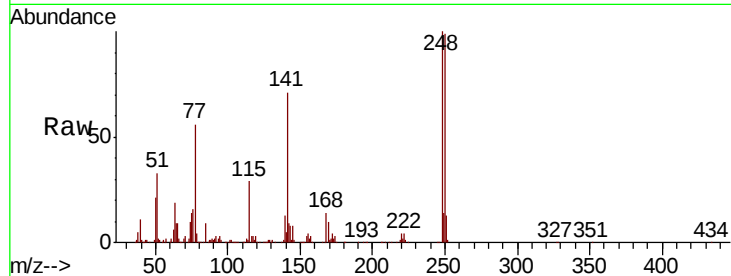
#67
4-Bromophenyl-phenylether
Concen: 35.115 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.9	116.9
141	71.3	57.5	86.3

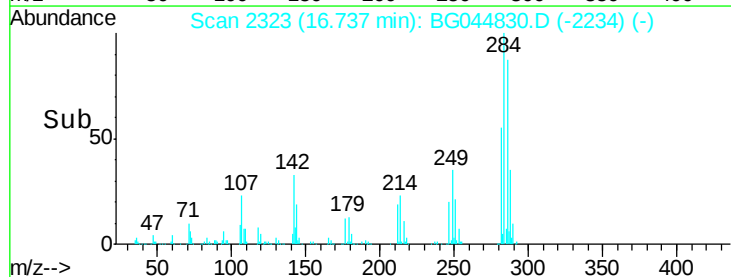
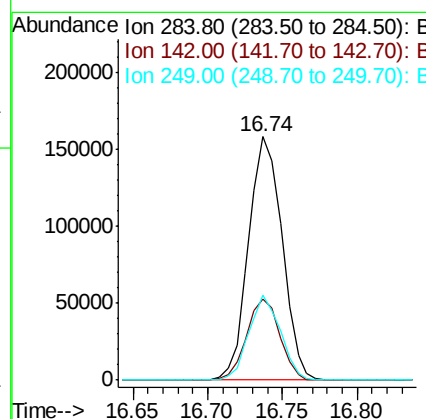
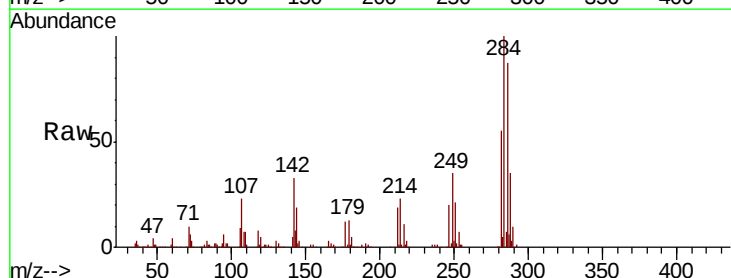
Manual Integrations
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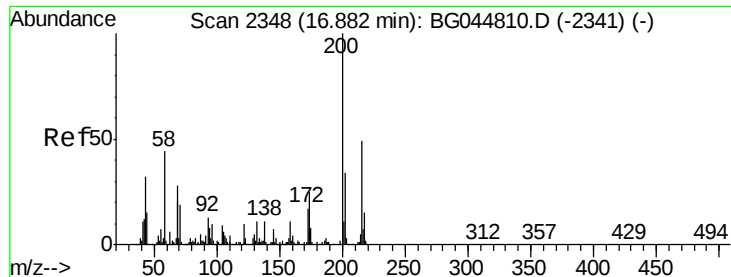
mohammad
3/18/2020 4:00:03 PM



#68
Hexachlorobenzene
Concen: 34.408 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	25.0	37.6
249	34.9	25.8	38.8





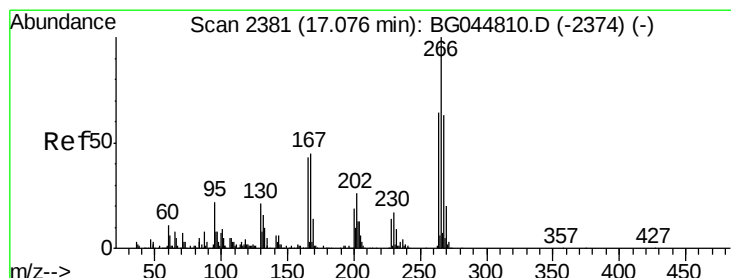
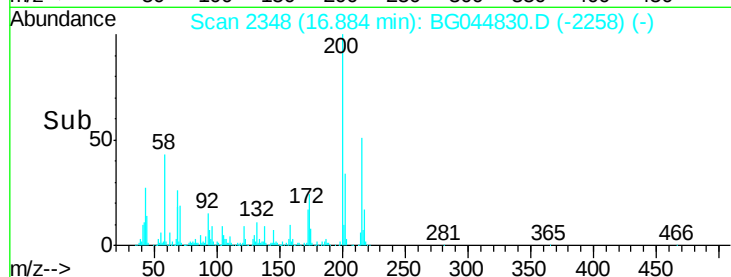
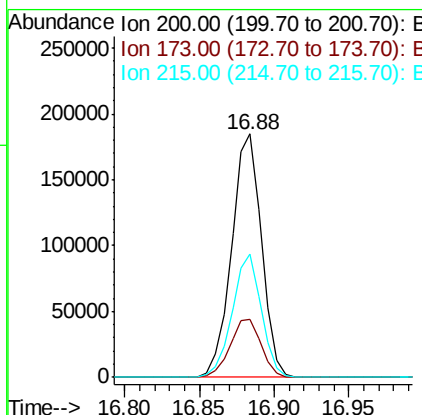
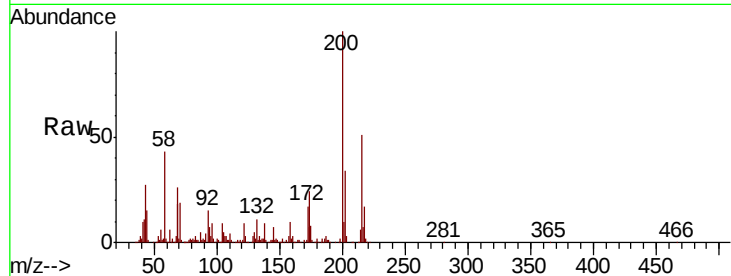
#69
Atrazine
Concen: 44.386 ng
RT: 16.88 min Scan# 2348
Delta R.T. 0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	257742		
173	23.6	5.3	45.3	
215	50.7	28.9	68.9	

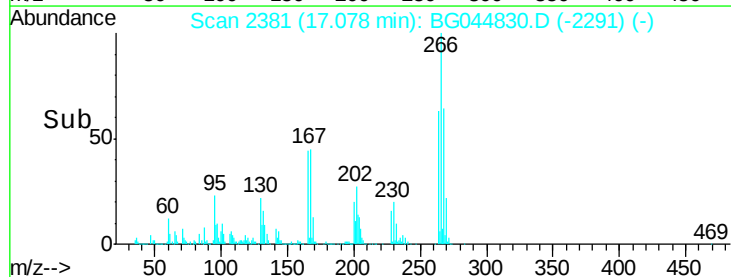
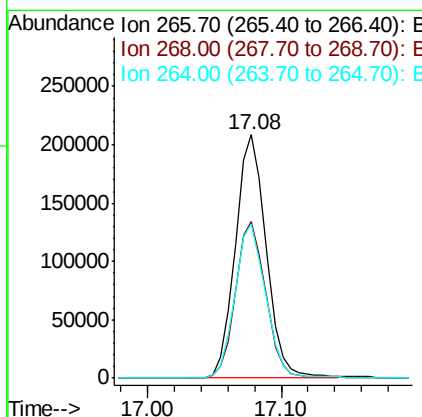
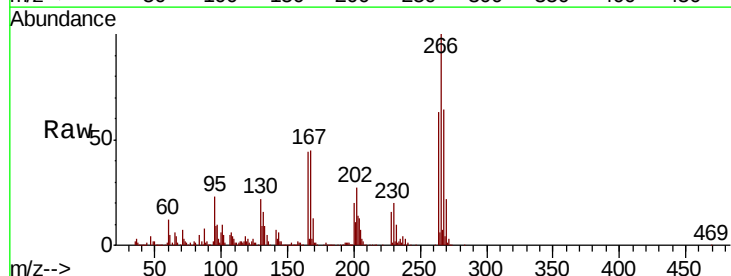
Manual Integrations
APPROVED

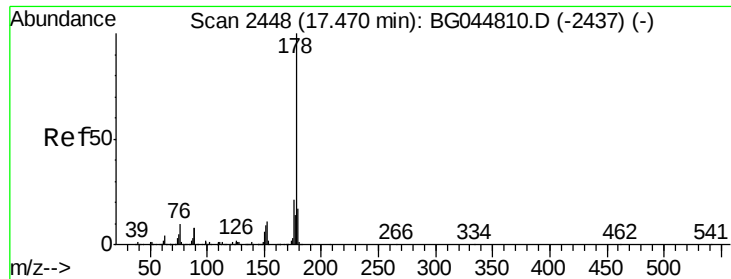
mohammad
3/18/2020 4:00:03 PM



#70
Pentachlorophenol
Concen: 85.014 ng
RT: 17.08 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	333979		
268	64.3	50.3	75.5	
264	63.0	51.4	77.2	





#71

Phenanthrene

Concen: 37.308 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Instrument :

BNA_G

ClientSampleId :

PB127518BS

Tot Ion:178 Resp: 1049548

Ion Ratio Lower Upper

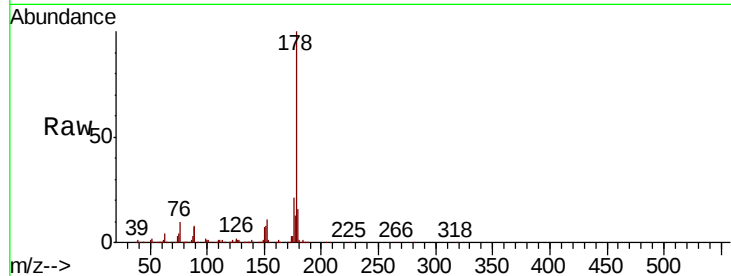
178 100

176 21.3 16.6 24.8

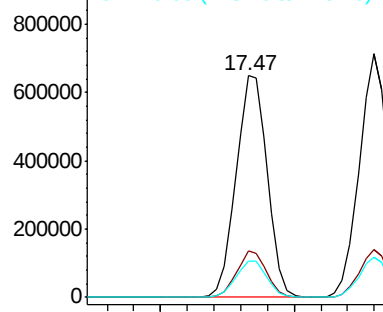
179 16.4 13.5 20.3

Manual Integrations
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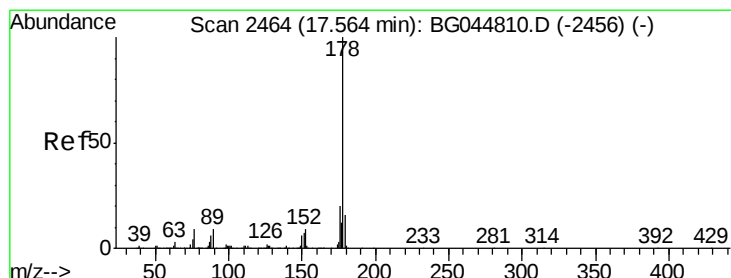
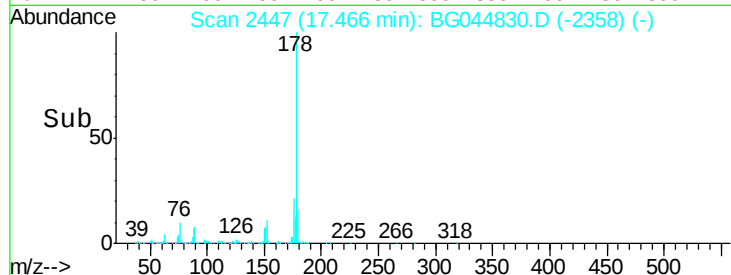
mohammad
3/18/2020 4:00:03 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 38.741 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

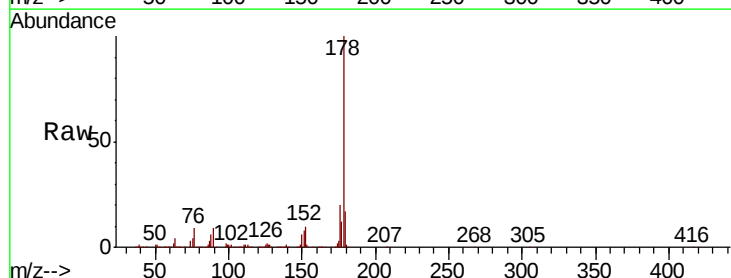
Tgt Ion:178 Resp: 1074677

Ion Ratio Lower Upper

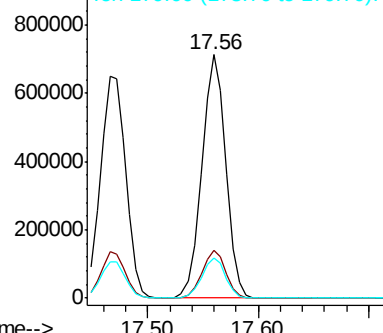
178 100

176 19.8 15.9 23.9

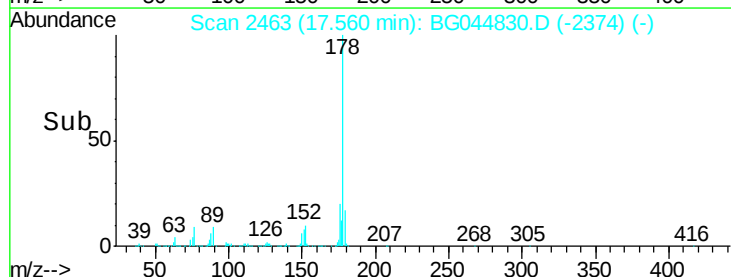
179 16.6 13.2 19.8

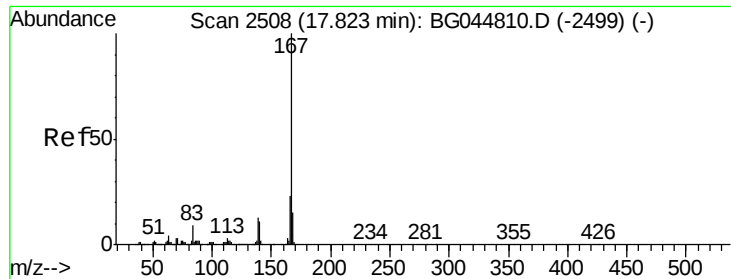


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





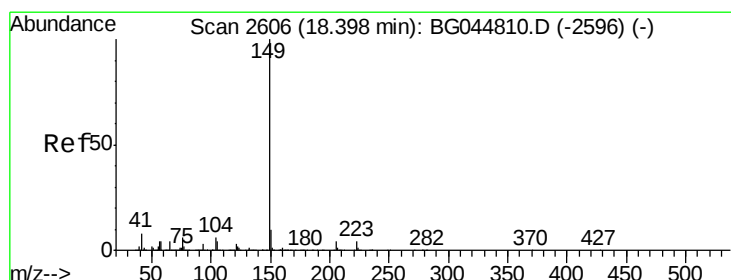
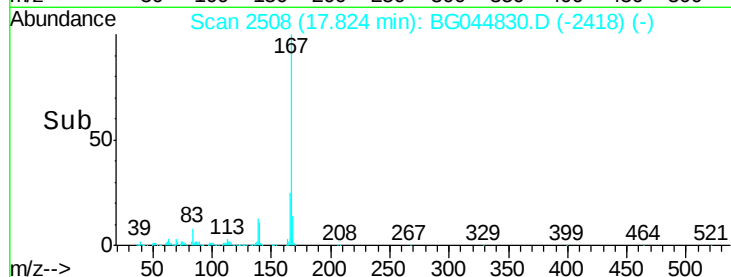
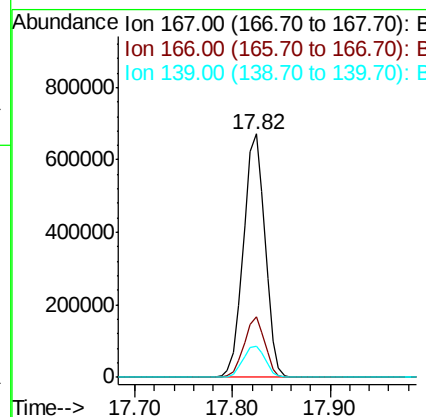
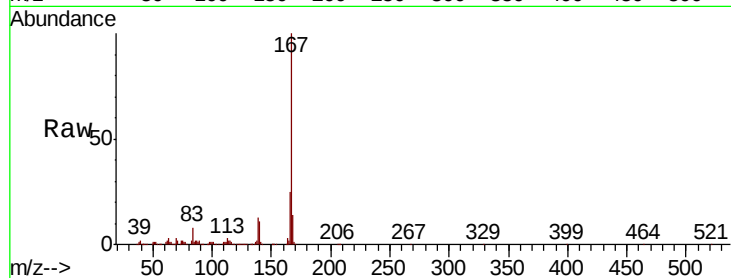
#73
 Carbazole
 Concen: 38.768 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG044830.D
 Acq: 17 Mar 2020 12:35

Instrument :
 BNA_G
 ClientSampleId :
 PB127518BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.1	18.8	28.2
139	12.9	10.8	16.2

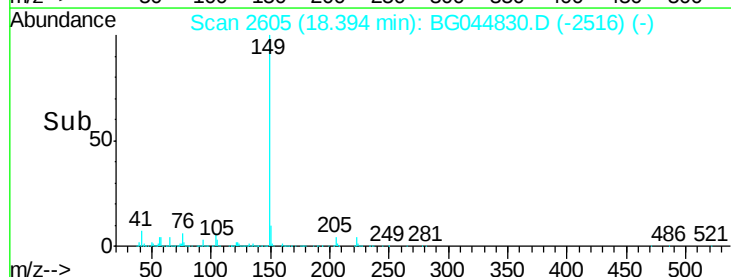
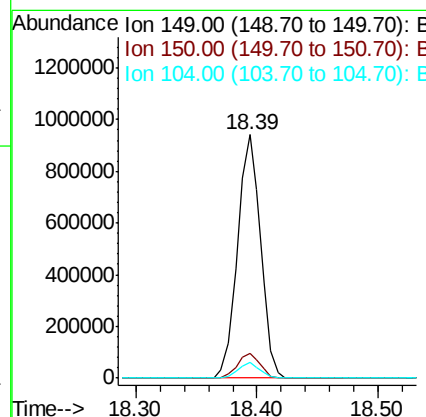
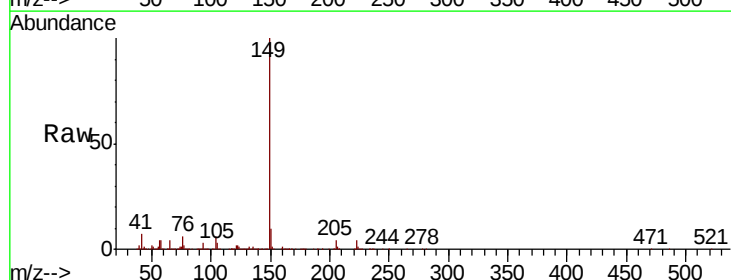
Manual Integrations
 APPROVED

mohammad
 3/18/2020 4:00:03 PM



#74
 Di-n-butylphthalate
 Concen: 38.509 ng
 RT: 18.39 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: BG044830.D
 Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 39.175 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Instrument :

BNA_G

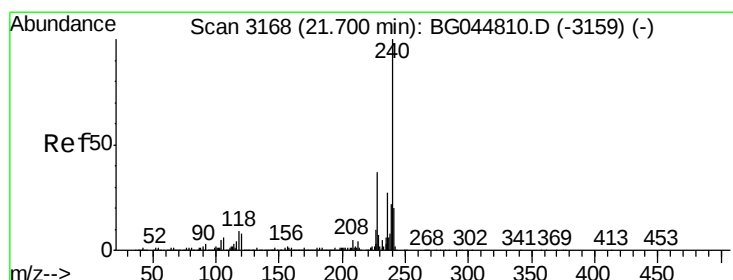
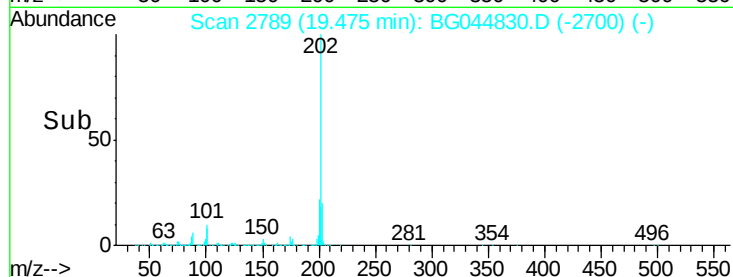
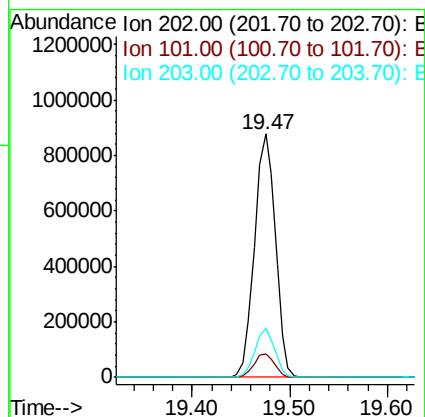
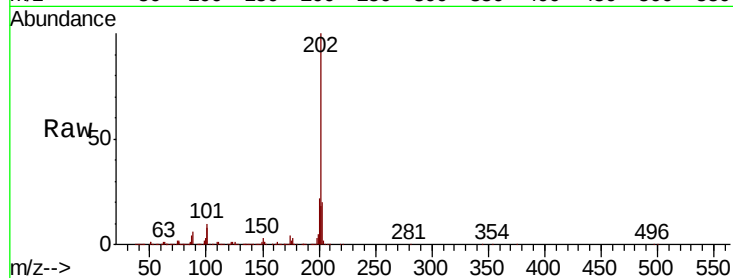
ClientSampleId :

PB127518BS

Tot Ion:	202	Resp:	1312197
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	29.8
203	20.1	0.0	39.4

Manual Integrations
APPROVED

mohammad
3/18/2020 4:00:03 PM



#76

Chrysene-d12

Concen: 20.000 ng

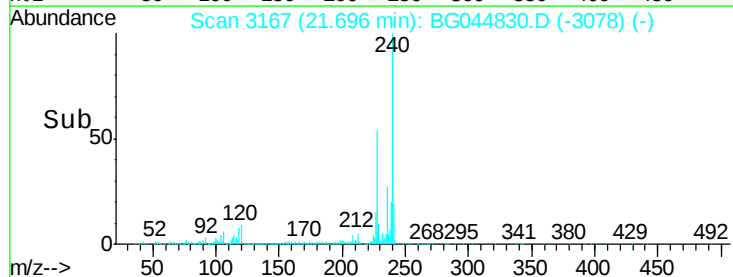
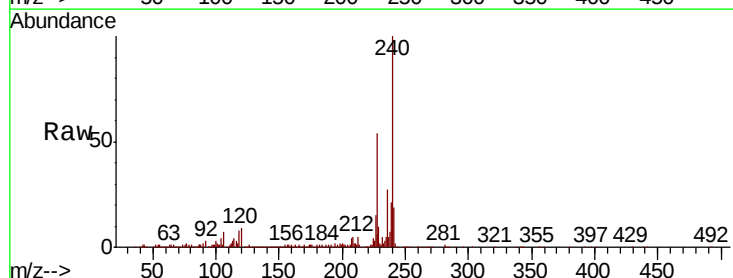
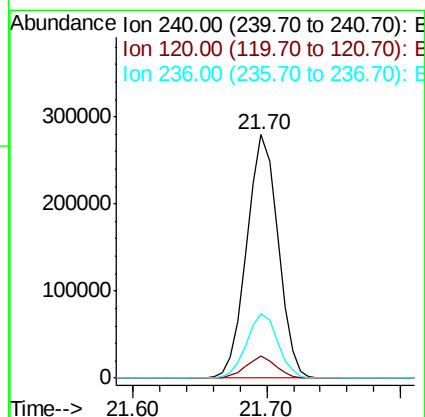
RT: 21.70 min Scan# 3167

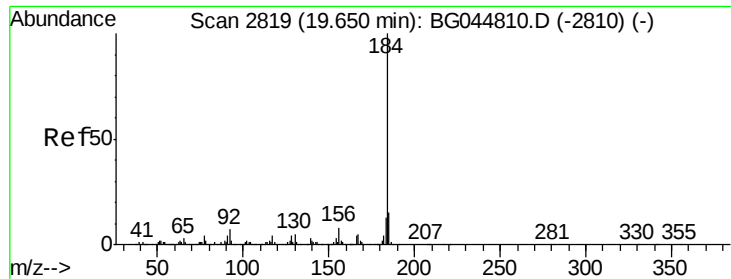
Delta R.T. -0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Tgt Ion:	240	Resp:	452177
Ion Ratio	Lower	Upper	
240	100		
120	9.0	6.7	10.1
236	26.6	21.5	32.3





#77

Benzidine

Concen: 33.238 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Instrument :

BNA_G

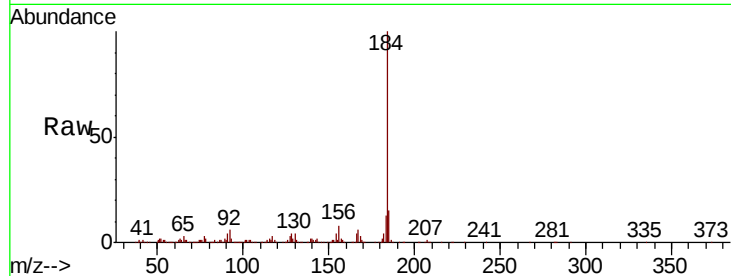
ClientSampleId :

PB127518BS

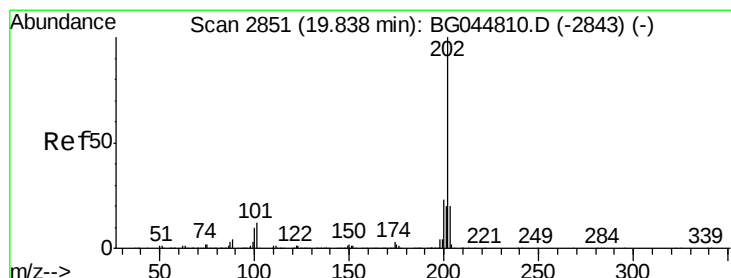
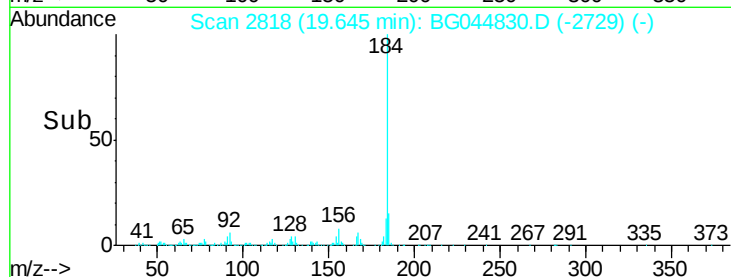
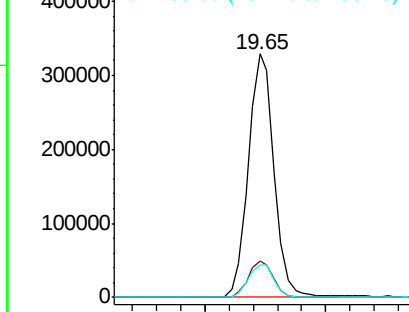
Tot Ion:	184	Resp:	487917
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.2	18.4
183	13.5	10.7	16.1

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



#78

Pyrene

Concen: 39.706 ng

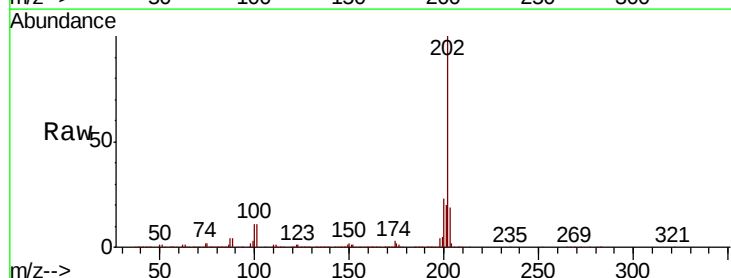
RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

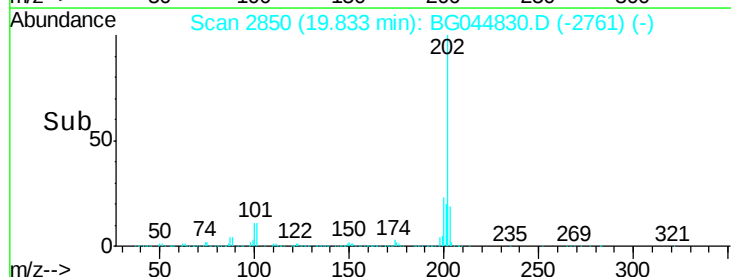
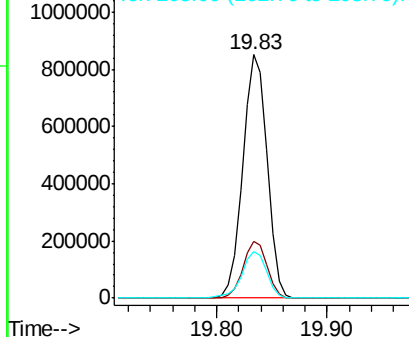
Lab File: BG044830.D

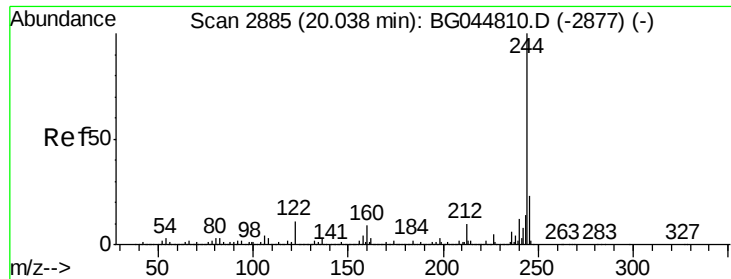
Acq: 17 Mar 2020 12:35

Tgt Ion:	202	Resp:	1317228
Ion Ratio	Lower	Upper	
202	100		
200	23.2	18.3	27.5
203	19.2	15.6	23.4



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





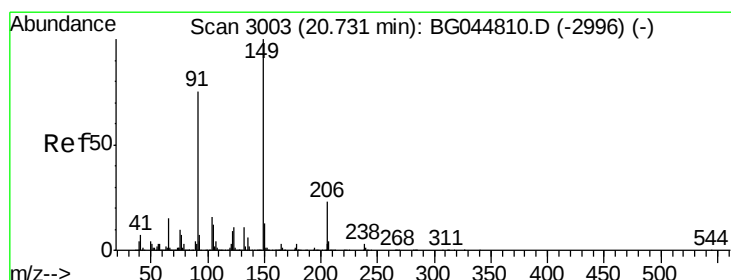
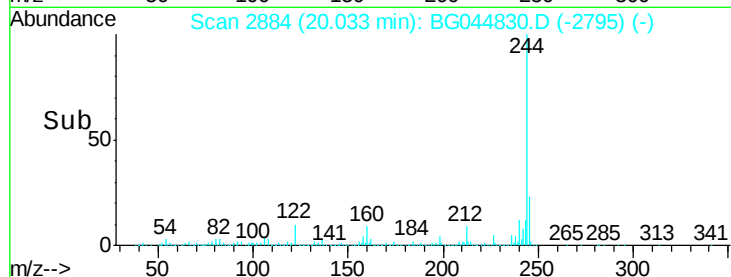
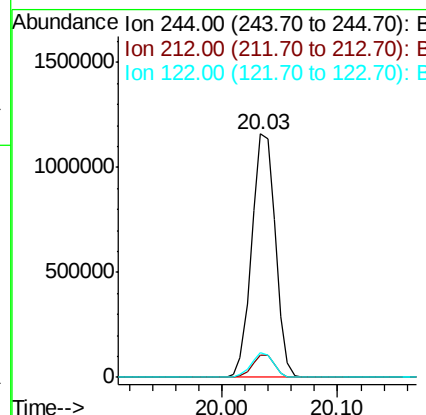
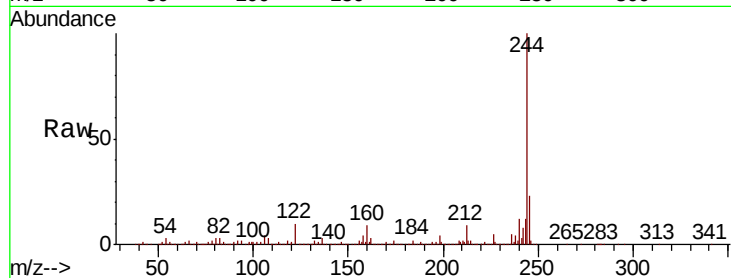
#79
 Terphenyl-d14
 Concen: 68.300 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.00 min
 Lab File: BG044830.D
 Acq: 17 Mar 2020 12:35

Instrument :
 BNA_G
 ClientSampleId :
 PB127518BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.7	11.5
122	10.3	8.6	12.8

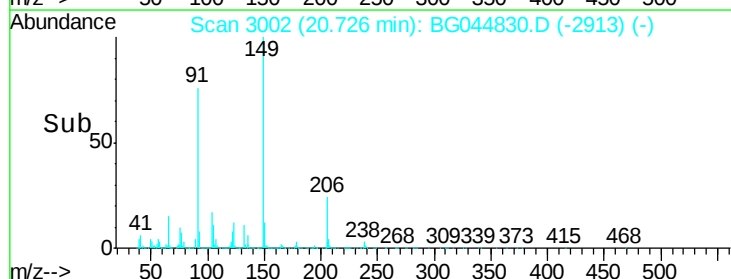
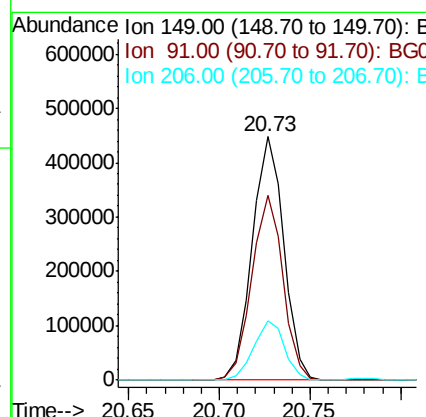
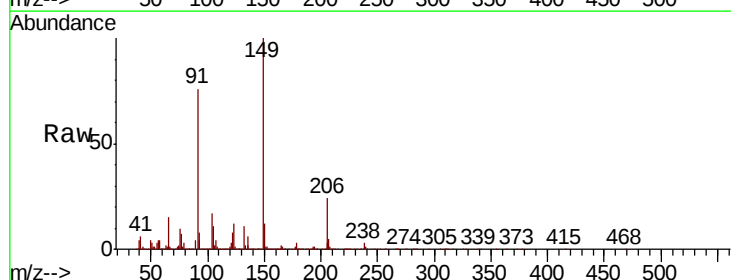
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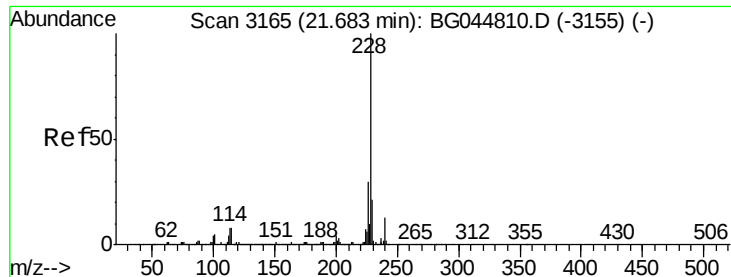
mohammad
 3/18/2020 4:00:03 PM



#80
 Butylbenzylphthalate
 Concen: 36.814 ng
 RT: 20.73 min Scan# 3002
 Delta R.T. -0.00 min
 Lab File: BG044830.D
 Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.7	60.2	90.4
206	24.2	18.6	27.8





#81

Benzo(a)anthracene

Concen: 37.197 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Instrument :

BNA_G

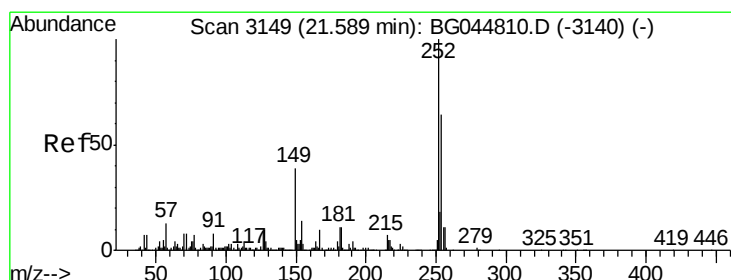
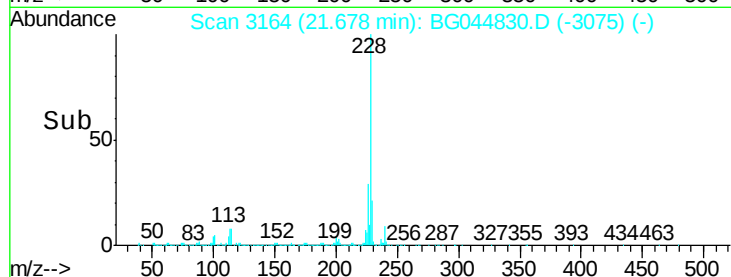
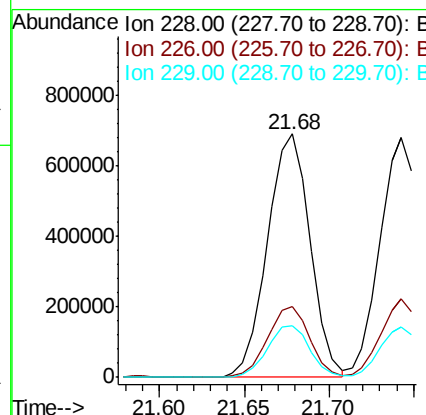
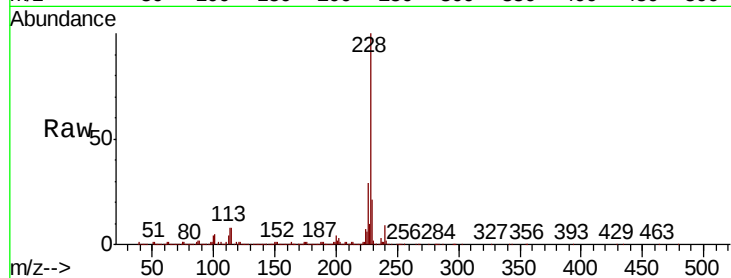
ClientSampleId :

PB127518BS

Tot Ion:	228	Resp:	1211150
Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.6	35.4
229	21.3	17.1	25.7

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 27.088 ng

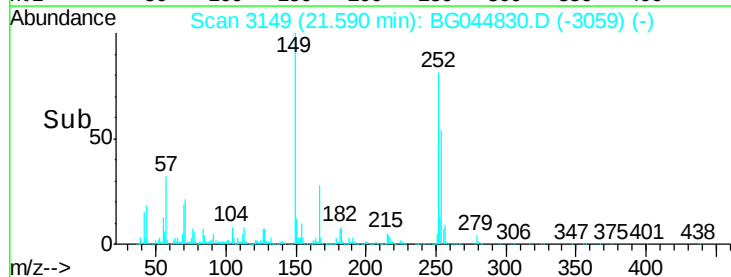
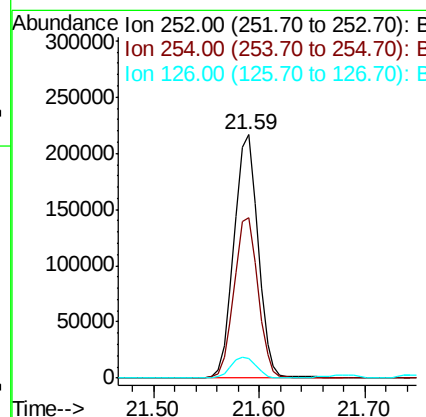
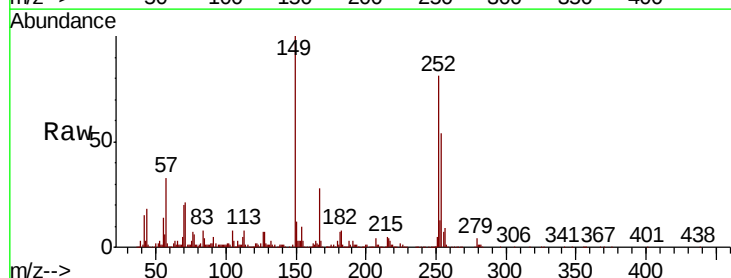
RT: 21.59 min Scan# 3149

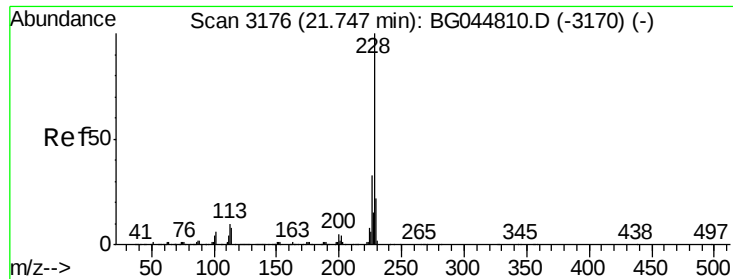
Delta R.T. 0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Tgt Ion:	252	Resp:	341209
Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.6	77.4
126	8.3	7.0	10.6





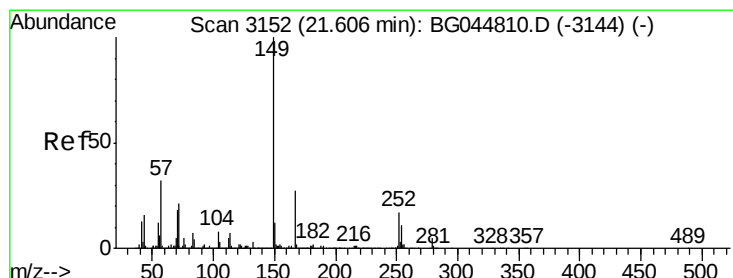
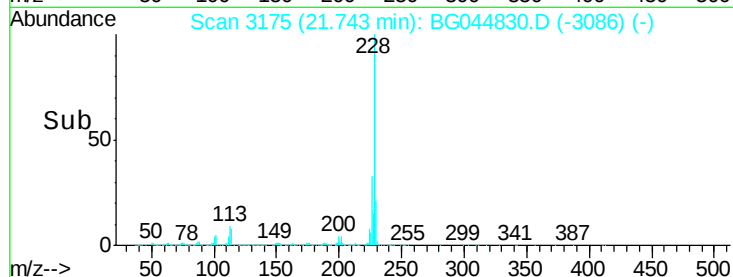
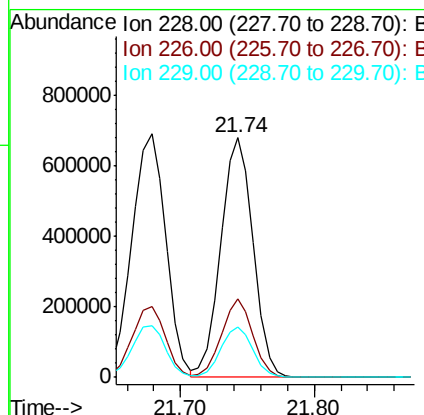
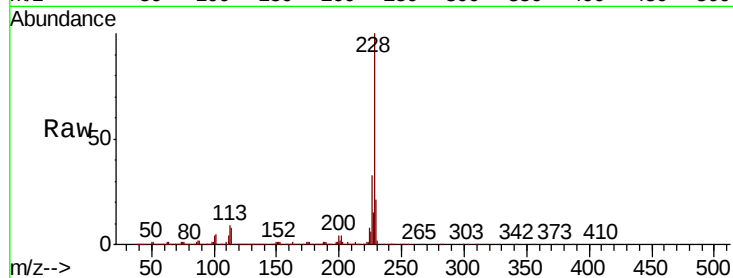
#83
 Chrysene
 Concen: 37.042 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.00 min
 Lab File: BG044830.D
 Acq: 17 Mar 2020 12:35

Instrument :
 BNA_G
 ClientSampleId :
 PB127518BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.9	38.9
229	21.0	17.4	26.0

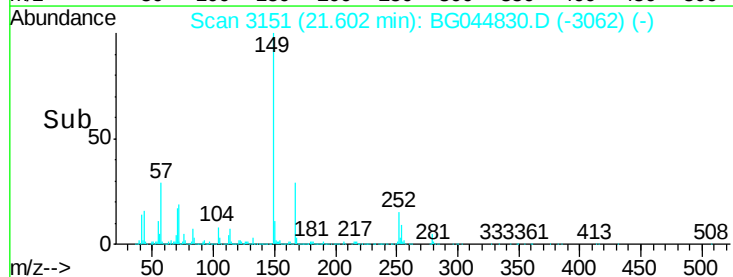
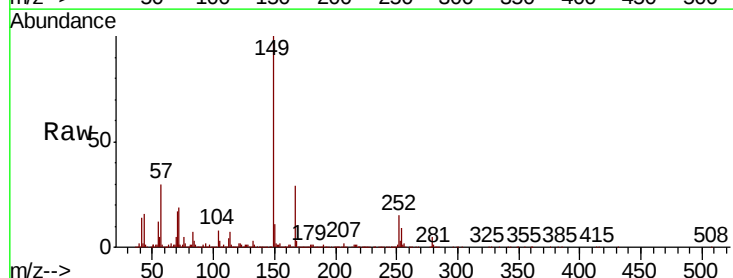
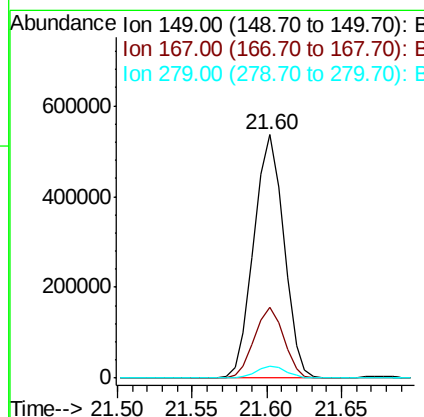
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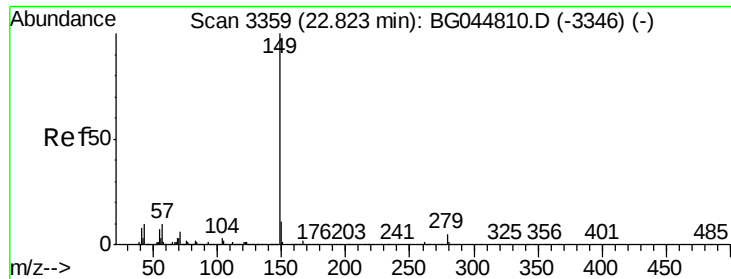
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.587 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG044830.D
 Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	21.8	32.6
279	5.1	3.8	5.6





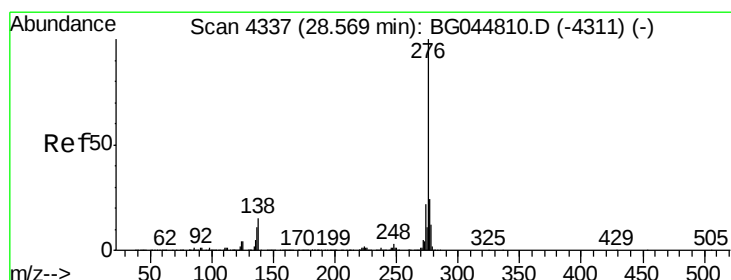
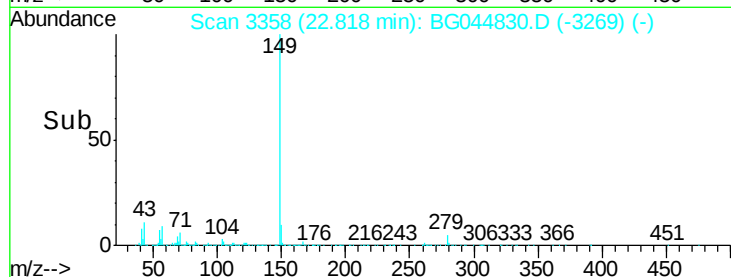
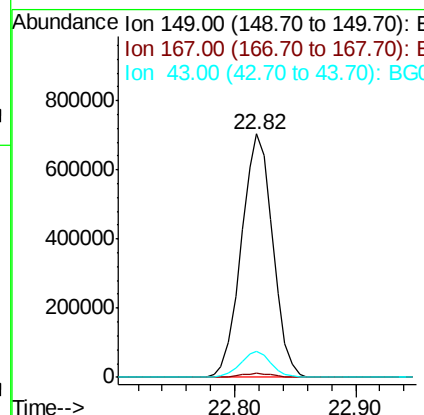
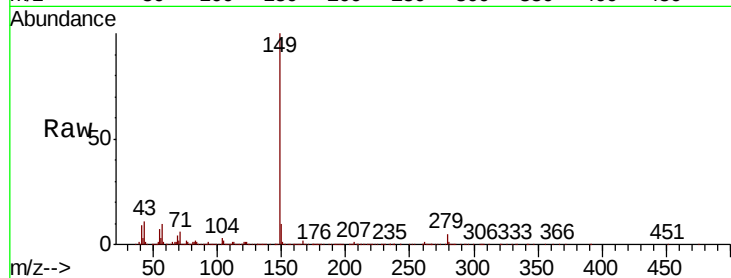
#85
Di-n-octyl phthalate
Concen: 37.284 ng
RT: 22.82 min Scan# 3358
Delta R.T. -0.00 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

Tot Ion:149 Resp: 1270836
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.3 8.2 12.4

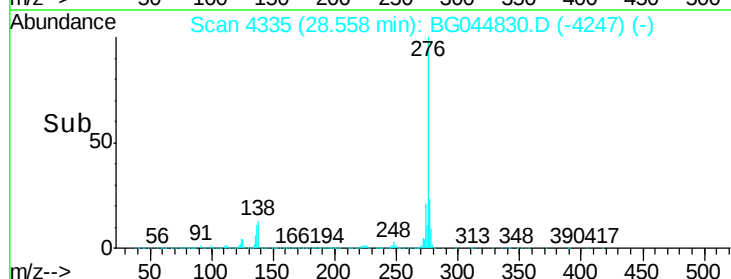
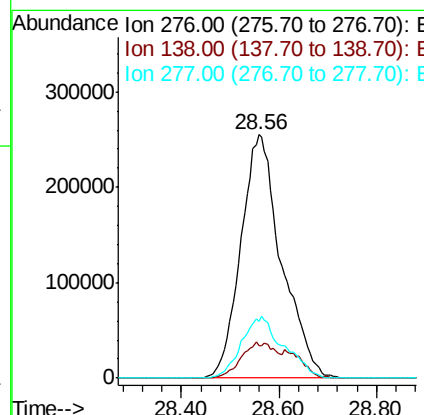
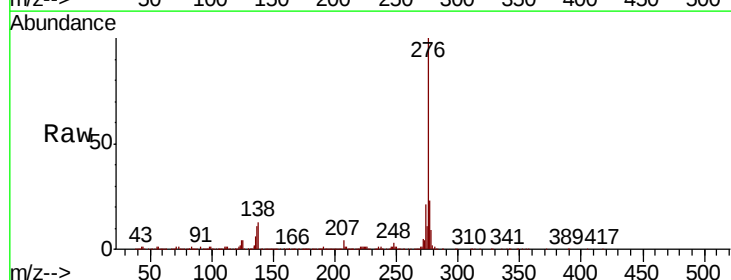
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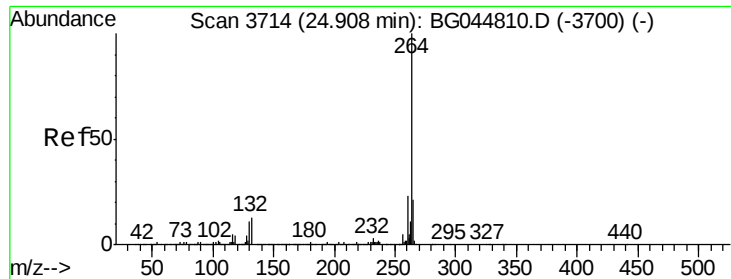
mohammad
3/18/2020 4:00:03 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.097 ng
RT: 28.56 min Scan# 4335
Delta R.T. -0.01 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion:276 Resp: 1471888
Ion Ratio Lower Upper
276 100
138 7.6 7.4 11.0
277 26.2 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: BG044830.D

Acq: 17 Mar 2020 12:35

Instrument :

BNA_G

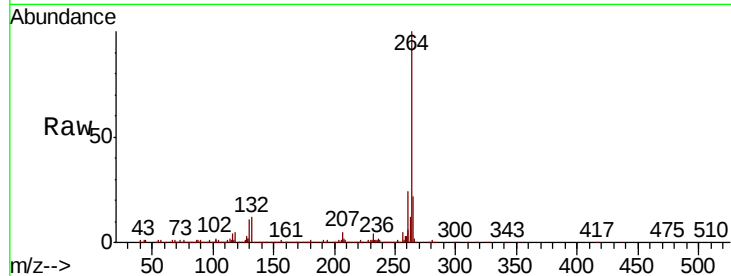
ClientSampleId :

PB127518BS

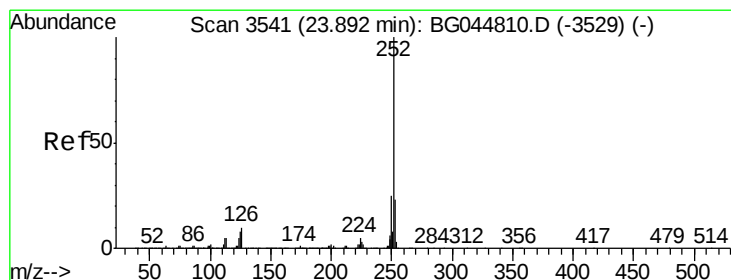
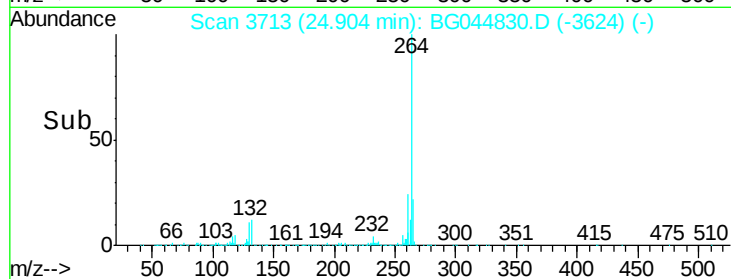
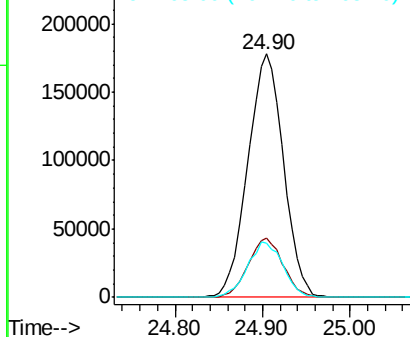
Tot Ion:	264	Resp:	494424
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.1	27.1
265	22.5	17.1	25.7

Manual Integrations
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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: 39.463 ng

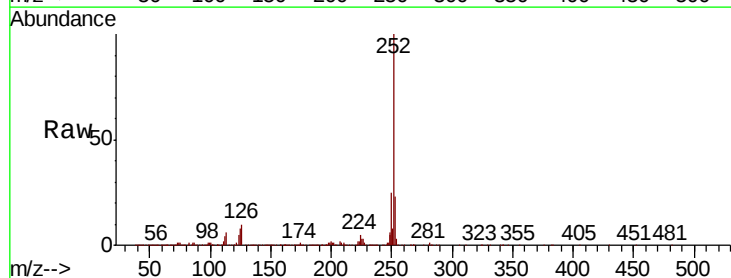
RT: 23.89 min Scan# 3541

Delta R.T. 0.00 min

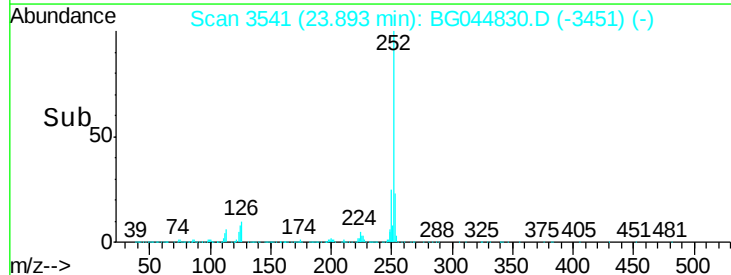
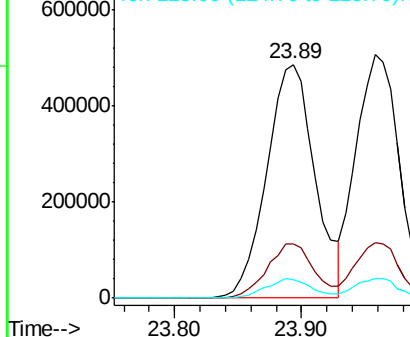
Lab File: BG044830.D

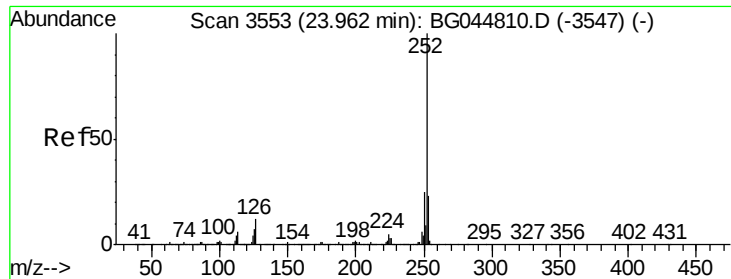
Acq: 17 Mar 2020 12:35

Tgt Ion:	252	Resp:	1288101
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.1	27.1
125	7.7	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: 38.376 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Instrument :

BNA_G

ClientSampleId :

PB127518BS

Tot Ion:252 Resp: 1185409

Ion Ratio Lower Upper

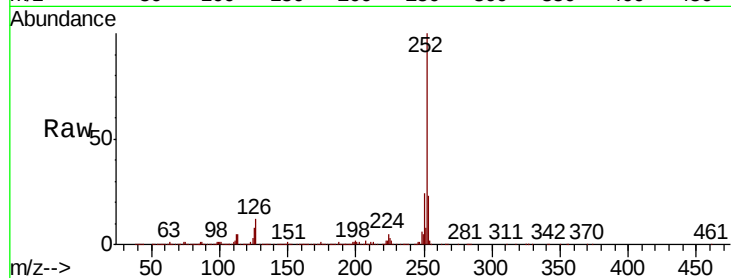
252 100

253 22.9 18.5 27.7

125 8.3 6.2 9.2

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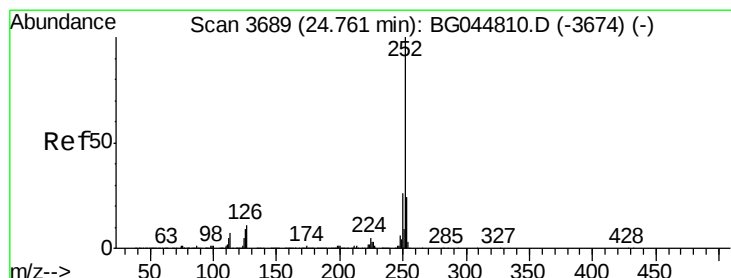
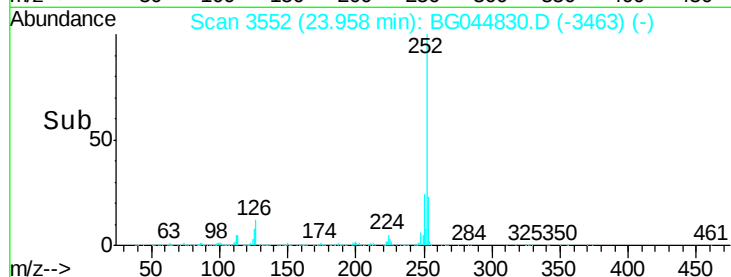
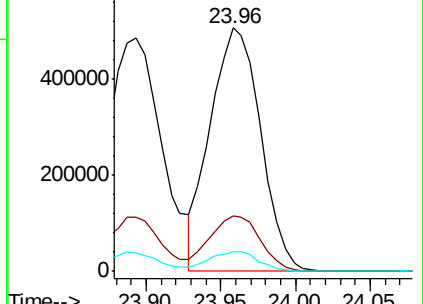
mohammad
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.022 ng

RT: 24.76 min Scan# 3688

Delta R.T. -0.00 min

Lab File: BG044830.D

Acq: 17 Mar 2020 12:35

Tgt Ion:252 Resp: 1161285

Ion Ratio Lower Upper

252 100

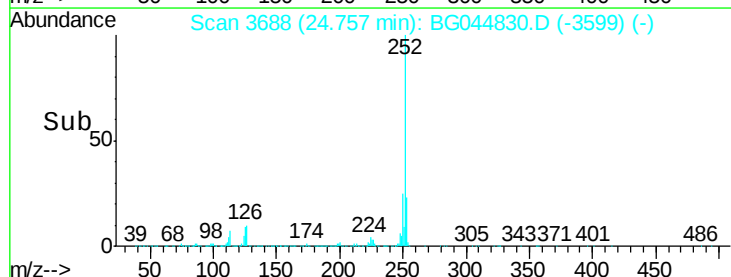
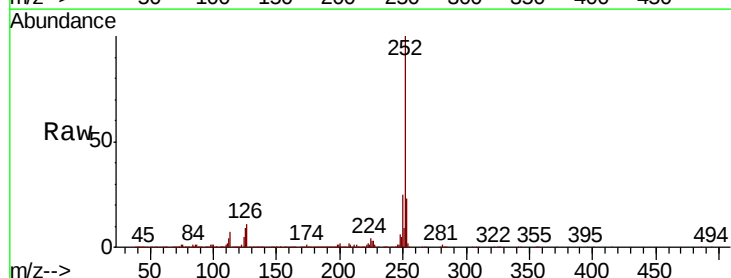
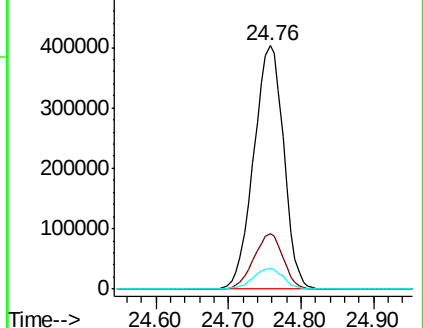
253 22.9 19.4 29.0

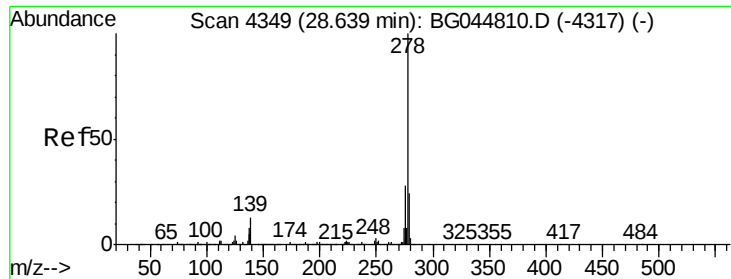
125 8.8 7.2 10.8

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





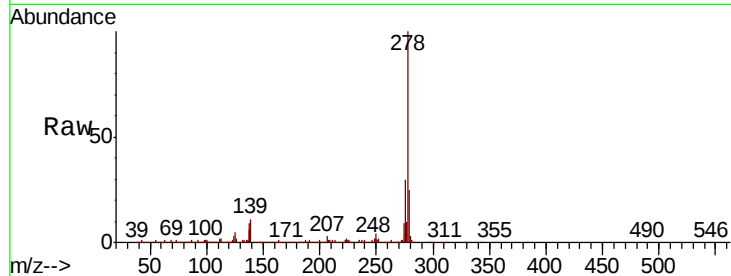
#91
Dibenzo(a,h)anthracene
Concen: 39.973 ng
RT: 28.63 min Scan# 4347
Delta R.T. -0.01 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Instrument :
BNA_G
ClientSampleId :
PB127518BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.0	10.2	15.2
279	25.0	18.9	28.3

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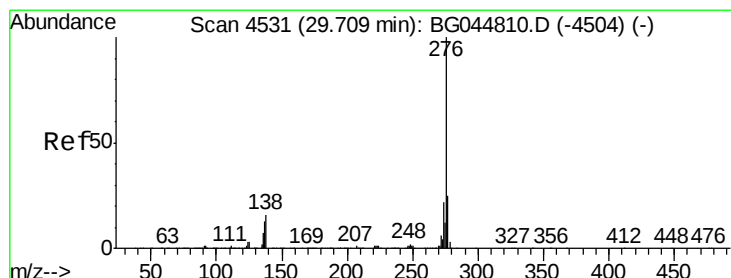
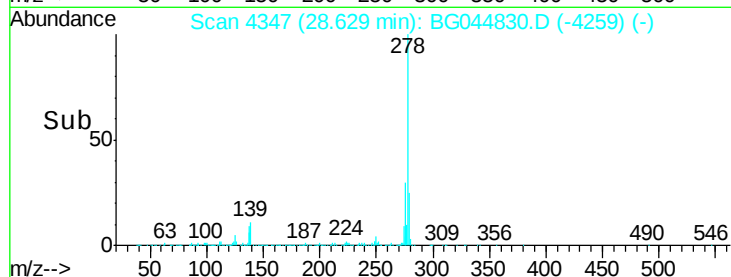
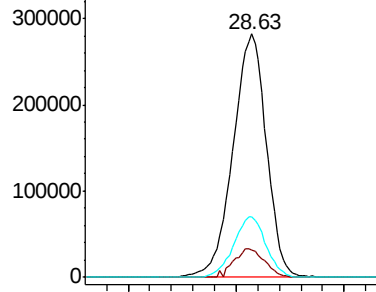


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.472 ng
RT: 29.69 min Scan# 4528
Delta R.T. -0.02 min
Lab File: BG044830.D
Acq: 17 Mar 2020 12:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.1	30.1
138	15.4	13.0	19.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

