

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044488.D
 Acq On : 19 Feb 2020 13:30
 Operator : CG/JU
 Sample : PB126845BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126845BS

Manual Integrations
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Quant Time: Feb 20 07:33:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	55750	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	231691	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	151757	20.00	ng	-0.01
64) Phenanthrene-d10	17.27	188	342356	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	327903	20.00	ng	-0.01
87) Perylene-d12	24.60	264	371650	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	379457	120.12	ng	0.00
7) Phenol-d6	7.07	99	502991	118.58	ng	0.00
23) Nitrobenzene-d5	9.05	82	263222	64.14	ng	-0.01
42) 2,4,6-Tribromophenol	16.02	330	198101	111.20	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	620373	68.45	ng	0.00
79) Terphenyl-d14	19.89	244	1027753	64.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	54289	38.251	ng	98
3) Pyridine	3.74	79	131885	34.878	ng	98
4) n-Nitrosodimethylamine	3.65	42	61126	38.685	ng	100
6) Aniline	7.22	93	148715	28.244	ng	99
8) 2-Chlorophenol	7.46	128	146623	42.233	ng	99
9) Benzaldehyde	7.02	77	67777	28.054	ng	97
10) Phenol	7.09	94	180974	43.108	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	136611	38.063	ng	98
12) 1,3-Dichlorobenzene	7.78	146	156037	37.643	ng	98
13) 1,4-Dichlorobenzene	7.93	146	158340	38.568	ng	99
14) 1,2-Dichlorobenzene	8.24	146	150382	38.753	ng	99
15) Benzyl Alcohol	8.13	79	120086	39.986	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.43	45	173705	35.758	ng	97
17) 2-Methylphenol	8.34	107	124539	41.578	ng	99
18) Hexachloroethane	8.97	117	55655	36.126	ng	99
19) n-Nitroso-di-n-propylamine	8.70	70	105282	37.241	ng	98
20) 3+4-Methylphenols	8.67	107	170202	41.232	ng	99
22) Acetophenone	8.71	105	203169	36.046	ng	# 97
24) Nitrobenzene	9.09	77	151386	37.786	ng	99
25) Isophorone	9.61	82	288868	37.765	ng	99
26) 2-Nitrophenol	9.80	139	85571	41.162	ng	98
27) 2,4-Dimethylphenol	9.87	122	139722	47.613	ng	98
28) bis(2-Chloroethoxy)methane	10.10	93	180434	35.360	ng	99
29) 2,4-Dichlorophenol	10.35	162	143809	40.528	ng	99
30) 1,2,4-Trichlorobenzene	10.56	180	149401	36.719	ng	99
31) Naphthalene	10.74	128	442898	39.400	ng	99
32) Benzoic acid	10.02	122	36845	27.605	ng	88
33) 4-Chloroaniline	10.85	127	117526	22.988	ng	98
34) Hexachlorobutadiene	11.03	225	86891	34.706	ng	98
35) Caprolactam	11.61	113	53979m	41.527	ng	
36) 4-Chloro-3-methylphenol	11.99	107	150065	40.337	ng	99
37) 2-Methylnaphthalene	12.35	142	329344	39.461	ng	97
38) 1-Methylnaphthalene	12.57	142	310253	39.429	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	162799	35.862	ng	99

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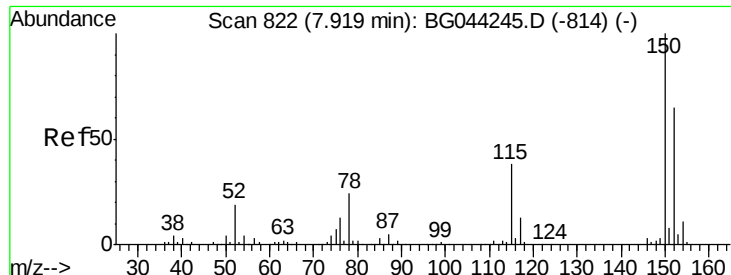
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	162273	74.498	ng	99
43) 2,4,6-Trichlorophenol	12.97	196	112779	38.435	ng	100
44) 2,4,5-Trichlorophenol	13.04	196	120652	40.257	ng	99
46) 1,1'-Biphenyl	13.36	154	418859	38.265	ng	97
47) 2-Chloronaphthalene	13.41	162	324201	37.219	ng	99
48) 2-Nitroaniline	13.61	65	92147	35.846	ng	95
49) Acenaphthylene	14.25	152	519900	40.693	ng	98
50) Dimethylphthalate	13.99	163	413931	37.945	ng	99
51) 2,6-Dinitrotoluene	14.10	165	92217	37.914	ng	99
52) Acenaphthene	14.60	154	317401	38.328	ng	99
53) 3-Nitroaniline	14.43	138	65449	24.322	ng	93
54) 2,4-Dinitrophenol	14.65	184	95769	67.741	ng	96
55) Dibenzofuran	14.93	168	498051	39.723	ng	98
56) 4-Nitrophenol	14.76	139	168017	85.239	ng	94
57) 2,4-Dinitrotoluene	14.89	165	132183	38.774	ng	96
58) Fluorene	15.58	166	397245	40.226	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	106781	39.445	ng	99
60) Diethylphthalate	15.35	149	415027	38.182	ng	98
61) 4-Chlorophenyl-phenylether	15.58	204	203752	38.053	ng	99
62) 4-Nitroaniline	15.60	138	95364	35.466	ng	95
63) Azobenzene	15.87	77	369250	38.760	ng	97
65) 4,6-Dinitro-2-methylphenol	15.66	198	76698	40.585	ng	98
66) n-Nitrosodiphenylamine	15.79	169	362763	37.810	ng	99
67) 4-Bromophenyl-phenylether	16.47	248	133748	35.858	ng	98
68) Hexachlorobenzene	16.59	284	150445	36.002	ng	98
69) Atrazine	16.74	200	141182	42.932	ng	98
70) Pentachlorophenol	16.94	266	147816	70.346	ng	98
71) Phenanthrene	17.32	178	655294	39.528	ng	97
72) Anthracene	17.41	178	678610	41.404	ng	98
73) Carbazole	17.68	167	610519	40.406	ng	98
74) Di-n-butylphthalate	18.24	149	751364	40.240	ng	98
75) Fluoranthene	19.33	202	795833	41.498	ng	98
77) Benzidine	19.51	184	304496	33.479	ng	97
78) Pyrene	19.69	202	804896	38.223	ng	97
80) Butylbenzylphthalate	20.58	149	348921	36.360	ng	98
81) Benzo(a)anthracene	21.50	228	781066	38.649	ng	97
82) 3,3'-Dichlorobenzidine	21.42	252	216570	27.612	ng	98
83) Chrysene	21.56	228	749412	38.365	ng	97
84) Bis(2-ethylhexyl)phthalate	21.42	149	495595	37.521	ng	98
85) Di-n-octyl phthalate	22.59	149	894851	39.155	ng	98
86) Indeno(1,2,3-cd)pyrene	28.09	276	952341	37.369	ng	100
88) Benzo(b)fluoranthene	23.63	252	808760	37.765	ng	98
89) Benzo(k)fluoranthene	23.70	252	813170	38.959	ng	99
90) Benzo(a)pyrene	24.46	252	759711	37.520	ng	100
91) Dibenzo(a,h)anthracene	28.14	278	789495	39.398	ng	99
92) Benzo(g,h,i)perylene	29.19	276	805503	40.154	ng	100

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



#1

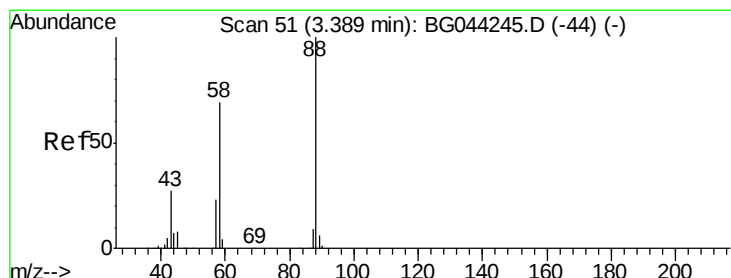
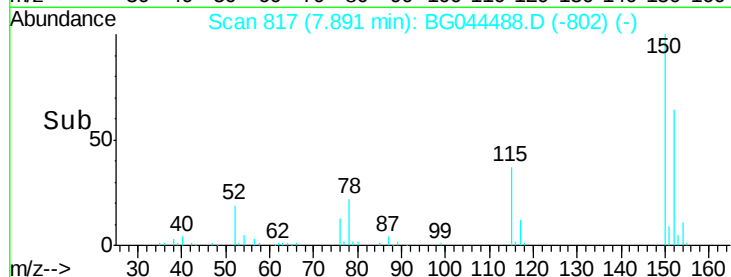
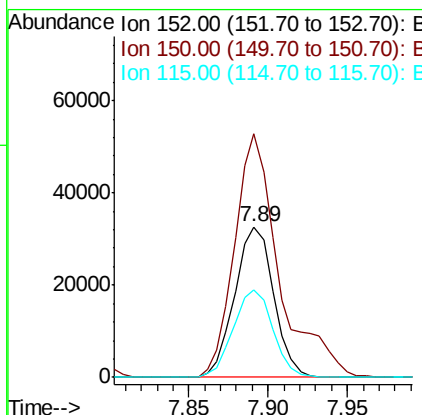
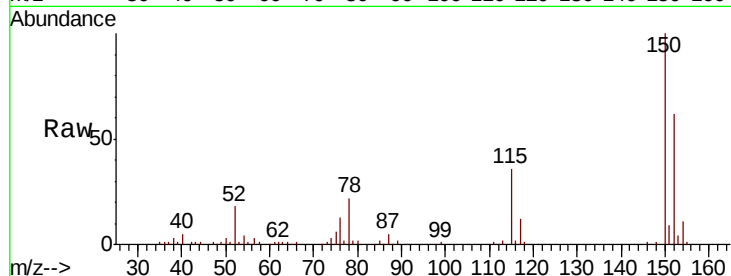
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB126845BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	122.6	183.8
115	58.0	46.0	69.0

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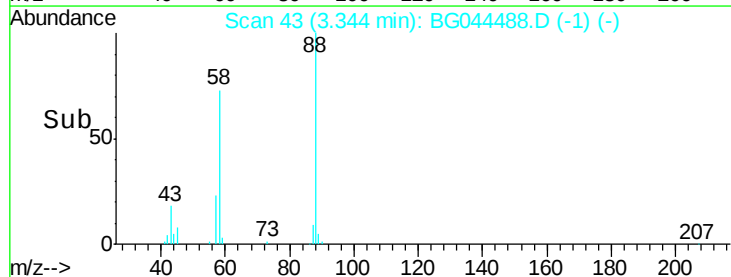
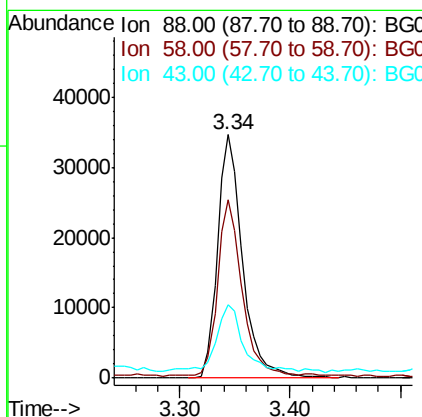
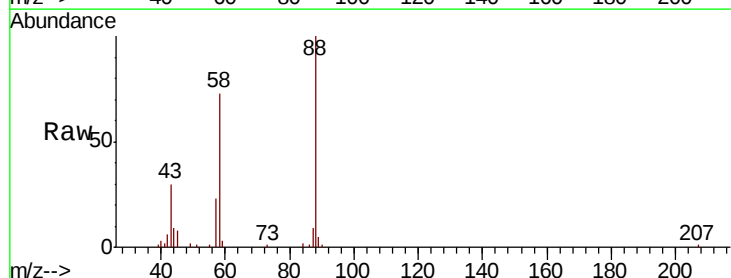
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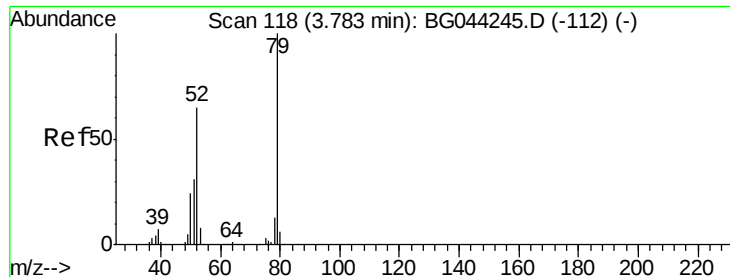


#2

1,4-Dioxane
Concen: 38.251 ng
RT: 3.34 min Scan# 43
Delta R.T. -0.02 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	55.8	83.6
43	28.4	21.6	32.4





#3

Pvridine

Concen: 34.878 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

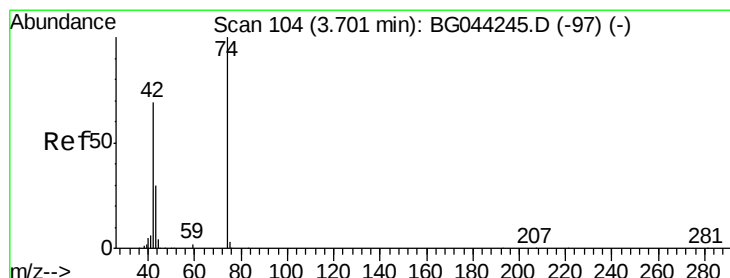
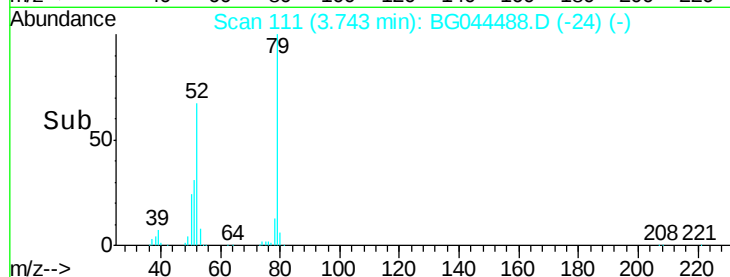
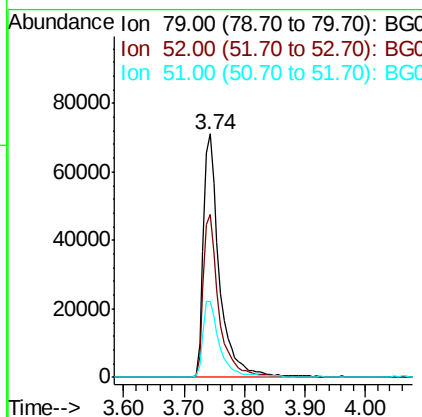
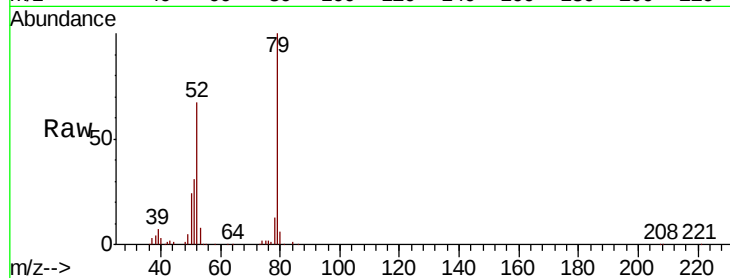
ClientSampleId :

PB126845BS

Tot Ion:	79	Resp:	131885
Ion	Ratio	Lower	Upper
79	100		
52	66.8	51.9	77.9
51	31.3	25.3	37.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.685 ng

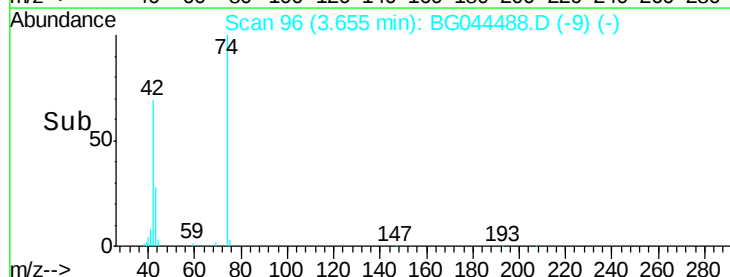
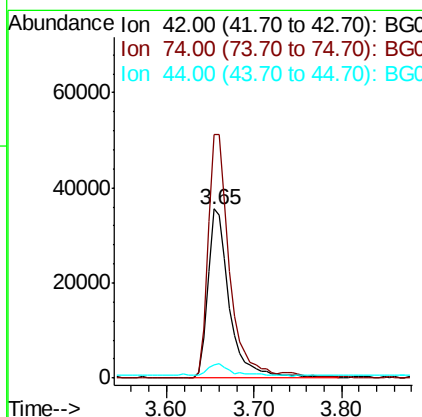
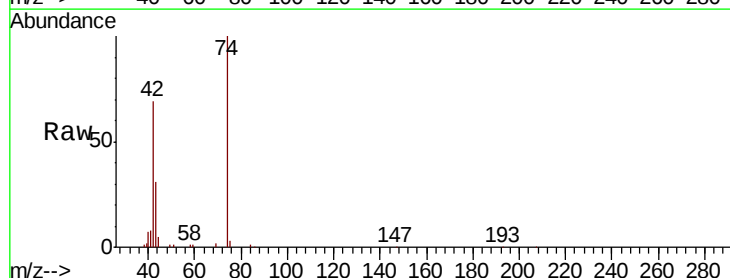
RT: 3.65 min Scan# 96

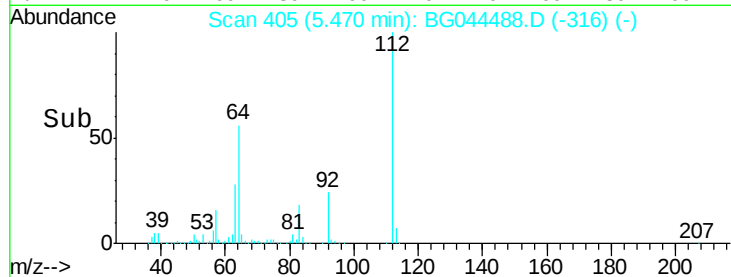
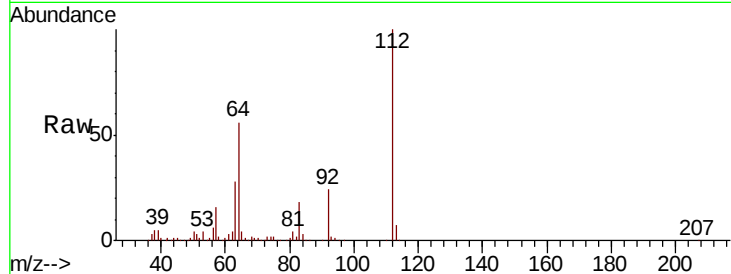
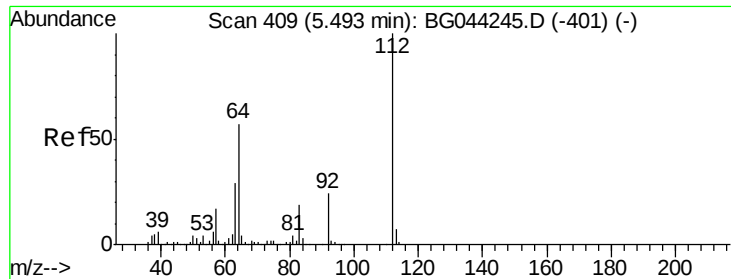
Delta R.T. -0.02 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Tgt Ion:	42	Resp:	61126
Ion	Ratio	Lower	Upper
42	100		
74	144.2	115.1	172.7
44	7.6	5.6	8.4





#5

2-Fluorophenol

Concen: 120.122 ng

RT: 5.47 min Scan# 405

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Tot Ion:	112	Resp:	379457
Ion Ratio	Lower	Upper	
112	100		
64	56.3	45.4	68.2
63	28.1	22.9	34.3

Instrument :

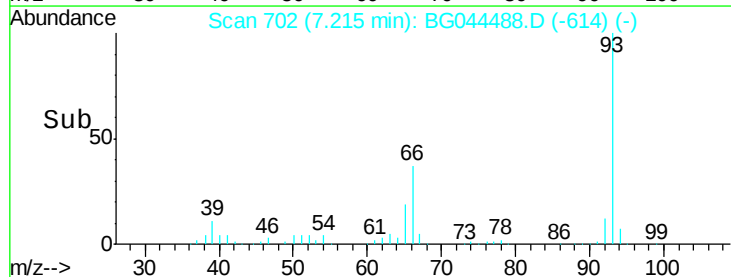
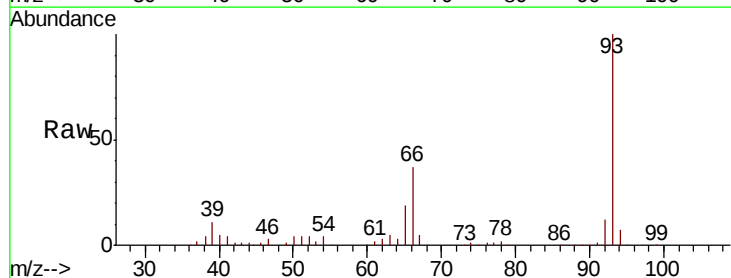
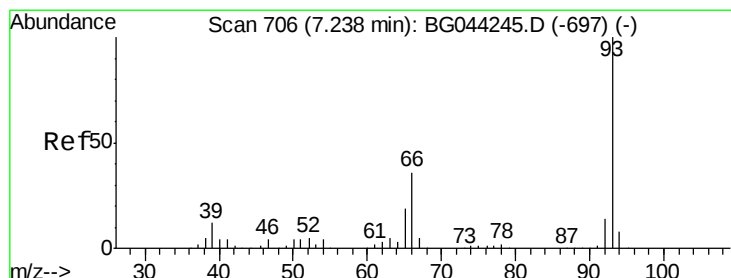
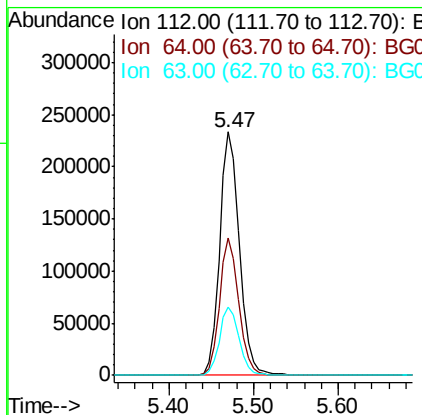
BNA_G

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PB126845BS

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#6

Aniline

Concen: 28.244 ng

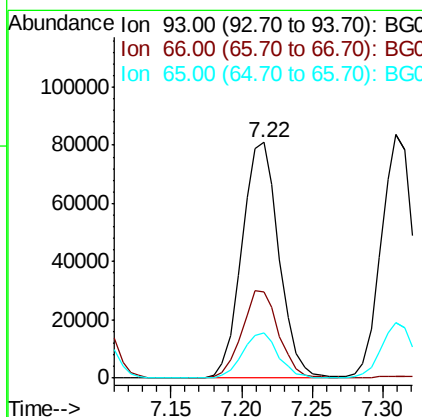
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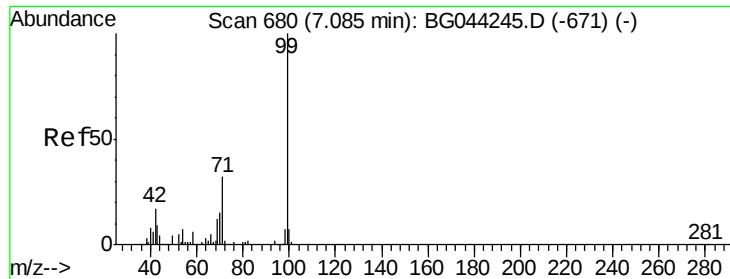
Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Tgt Ion:	93	Resp:	148715
Ion Ratio	Lower	Upper	
93	100		
66	36.6	28.7	43.1
65	19.0	15.4	23.0





#7

Phenol-d6

Concen: 118.575 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

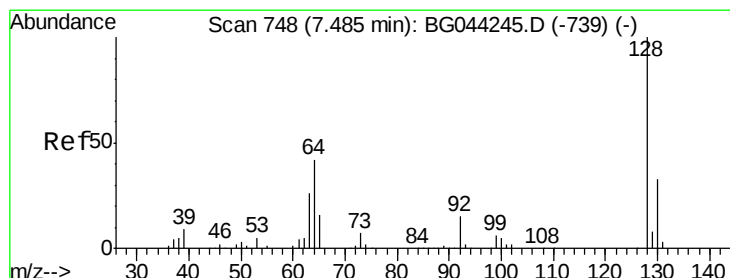
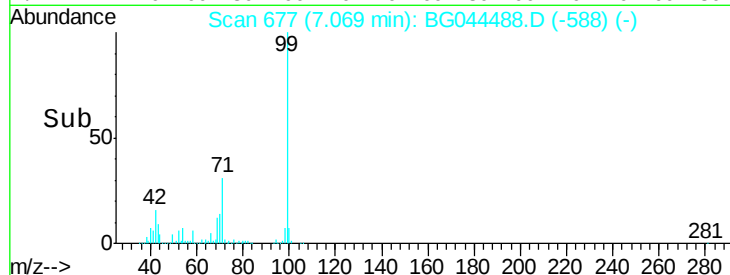
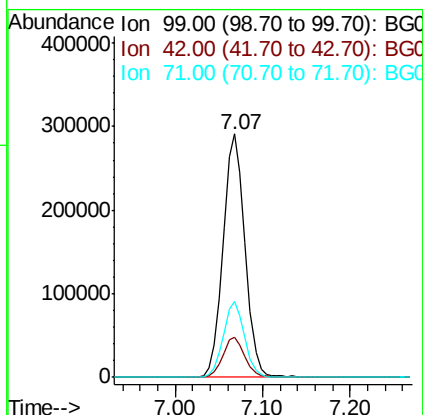
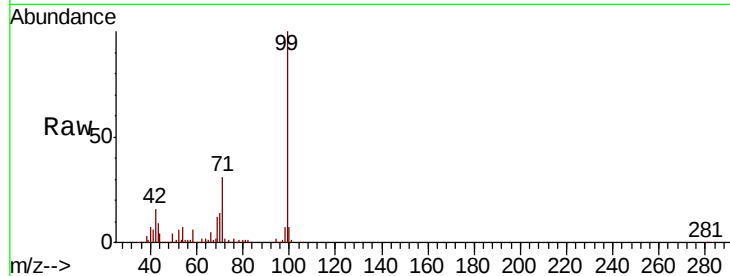
ClientSampleId :

PB126845BS

Tot Ion:	99	Resp:	502991
Ion Ratio	Lower	Upper	
99	100		
42	16.3	13.8	20.6
71	31.2	25.5	38.3

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#8

2-Chlorophenol

Concen: 42.233 ng

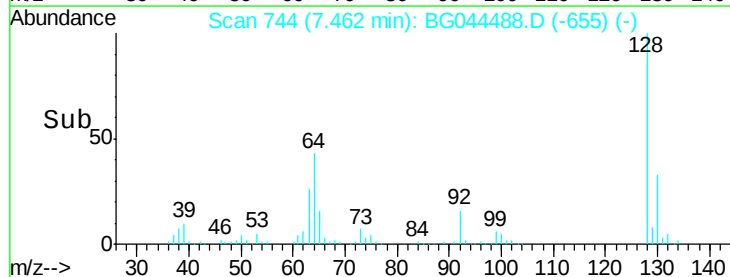
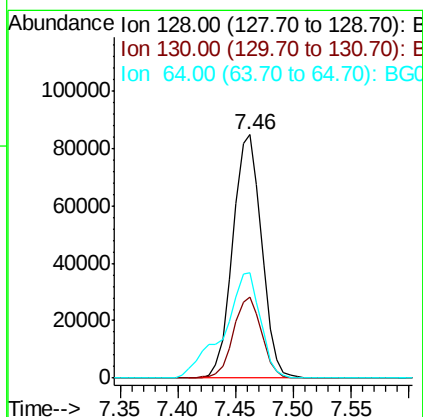
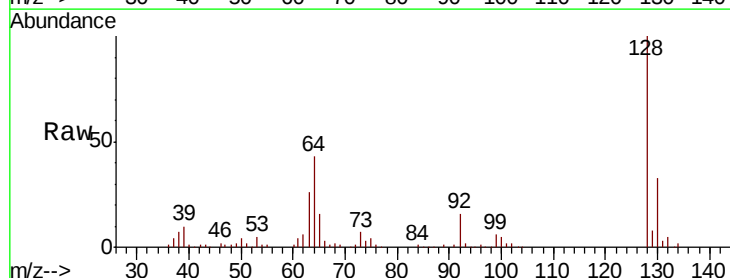
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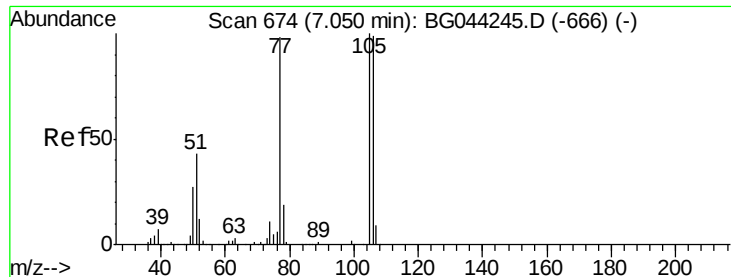
Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Tgt Ion:	128	Resp:	146623
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.5	52.5
64	43.3	24.2	64.2





#9

Benzaldehyde

Concen: 28.054 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

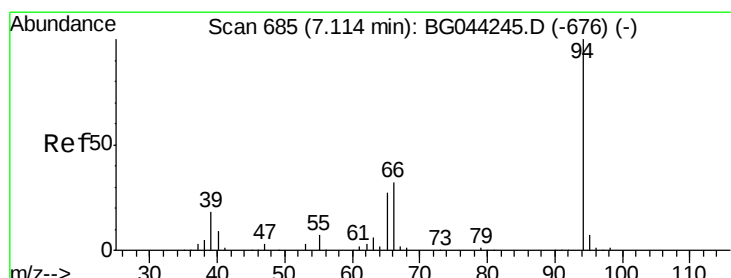
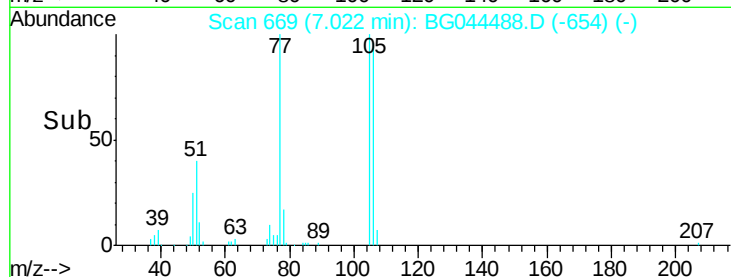
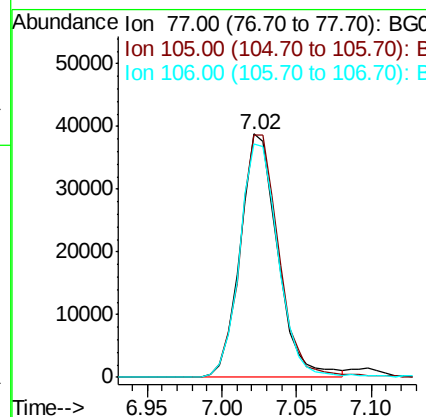
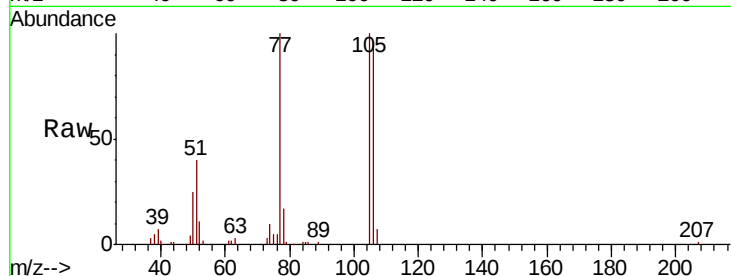
ClientSampleId :

PB126845BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.8	82.0	122.0
106	96.0	80.7	120.7

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#10

Phenol

Concen: 43.108 ng

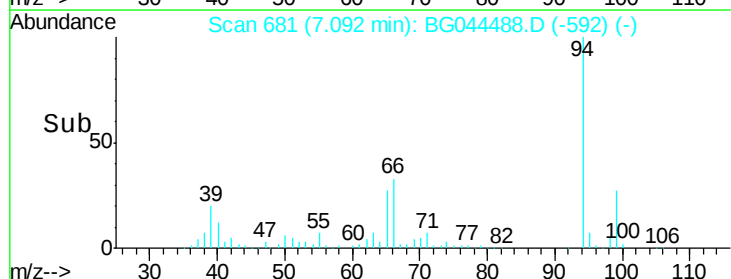
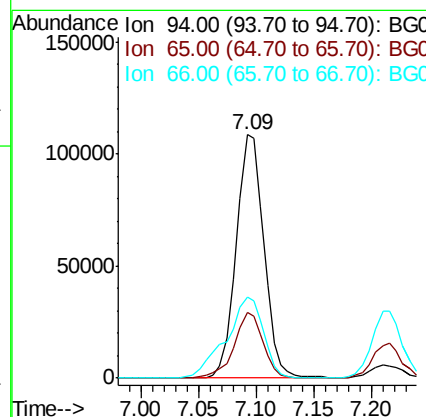
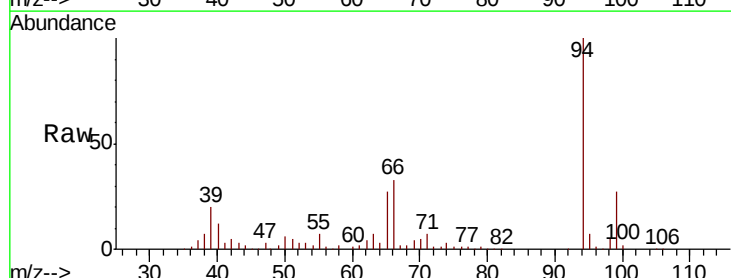
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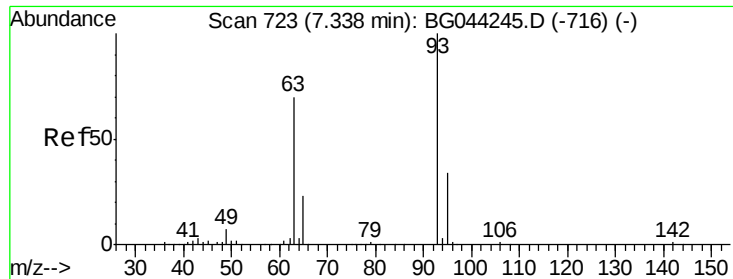
Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.0	47.0
66	33.1	12.7	52.7





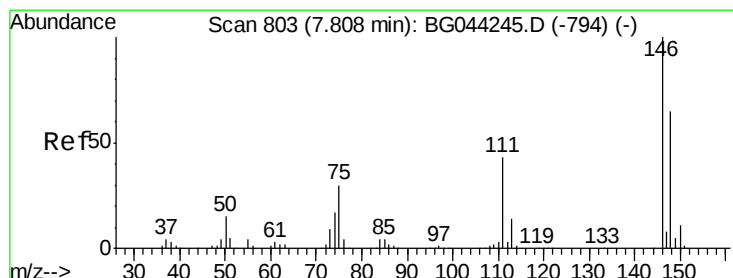
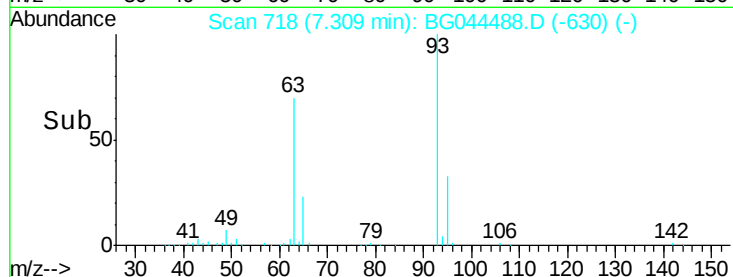
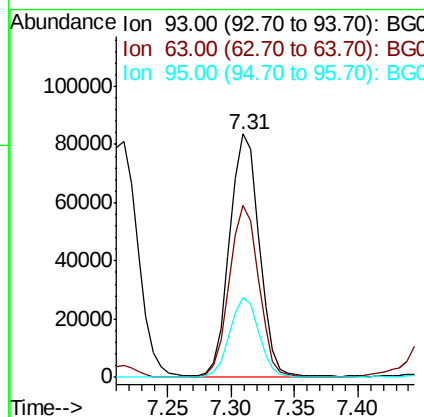
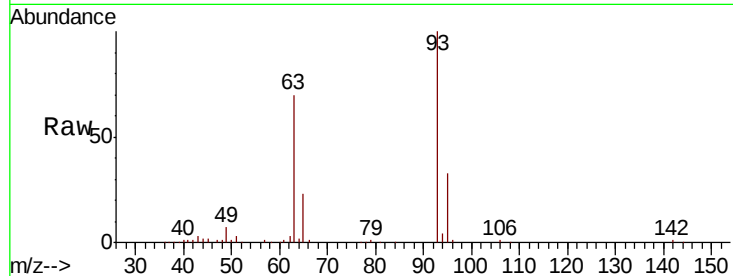
#11
bis(2-Chloroethyl)ether
Concen: 38.063 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampled :
PB126845BS

Tot Ion:	93	Resp:	136611
Ion	Ratio	Lower	Upper
93	100		
63	70.5	49.2	89.2
95	32.6	13.6	53.6

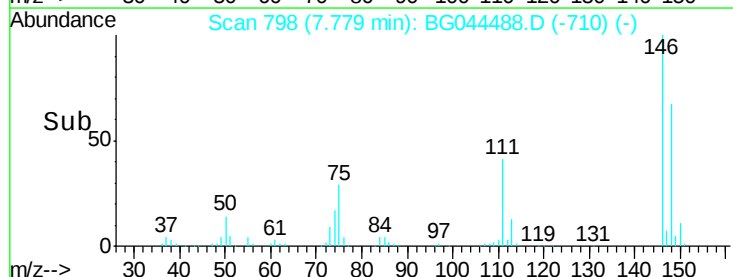
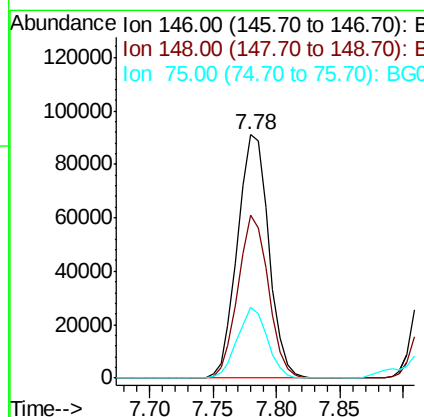
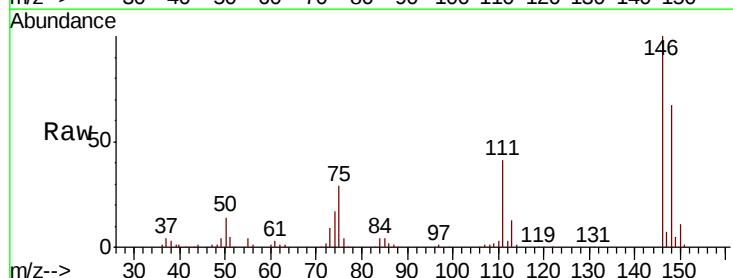
Manual Integrations
APPROVED

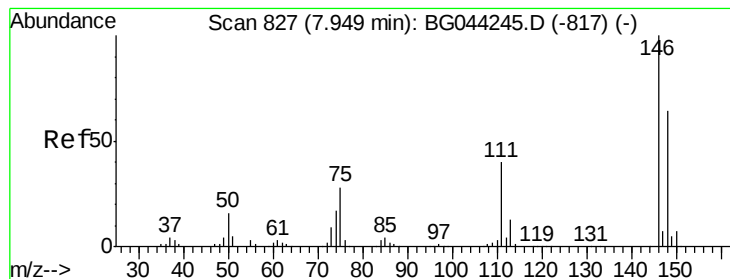
mohammad
2/20/2020 3:11:35 PM



#12
1,3-Dichlorobenzene
Concen: 37.643 ng
RT: 7.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion:	146	Resp:	156037
Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.8	77.8
75	28.9	23.7	35.5





#13

1,4-Dichlorobenzene

Concen: 38.568 ng

RT: 7.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

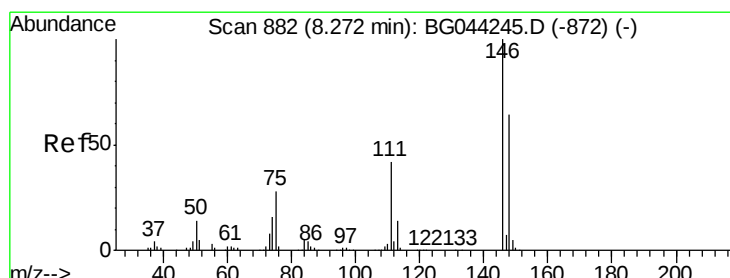
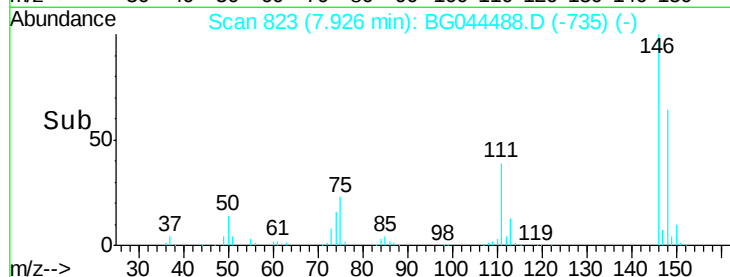
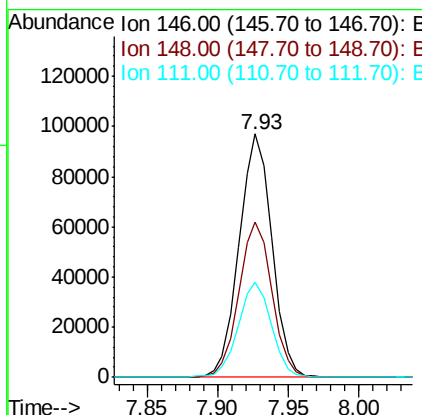
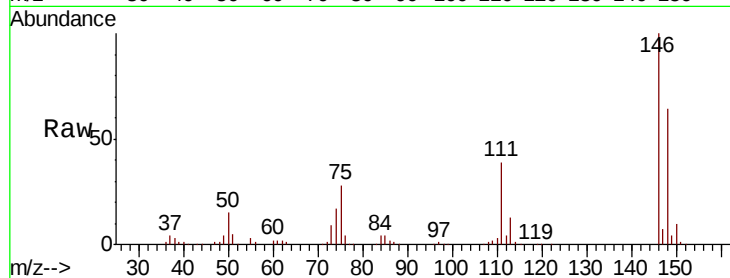
ClientSampleId :

PB126845BS

Tot Ion:	146	Resp:	158340
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.4	77.0
111	39.2	31.8	47.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 38.753 ng

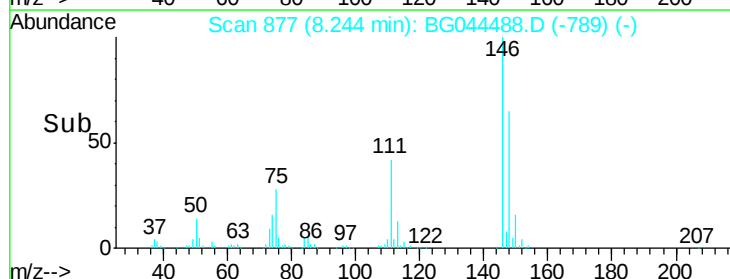
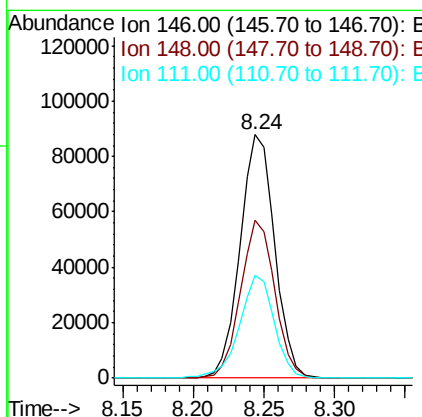
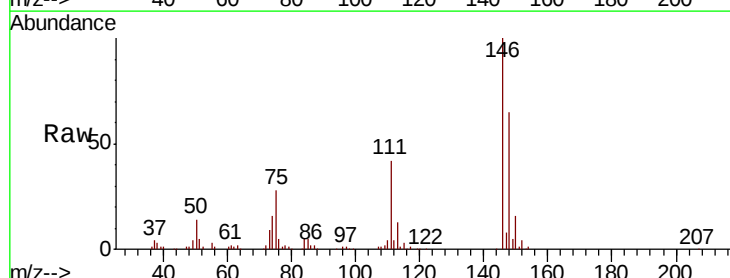
RT: 8.24 min Scan# 877

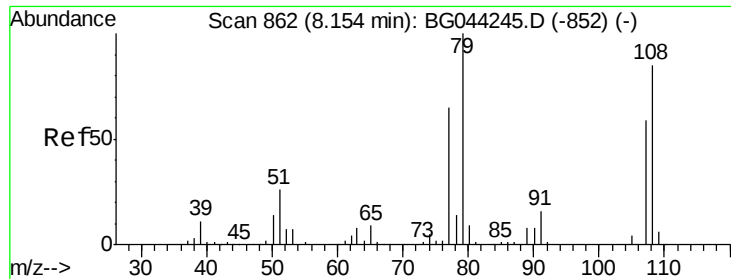
Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Tgt Ion:	146	Resp:	150382
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.2	76.8
111	42.0	34.0	51.0





#15

Benzyl Alcohol

Concen: 39.986 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB126845BS

Tot Ion: 79 Resp: 120086

Ion Ratio Lower Upper

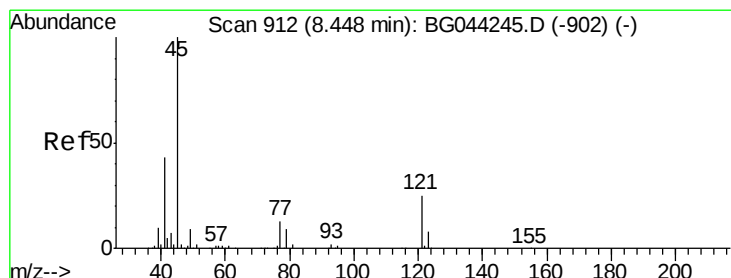
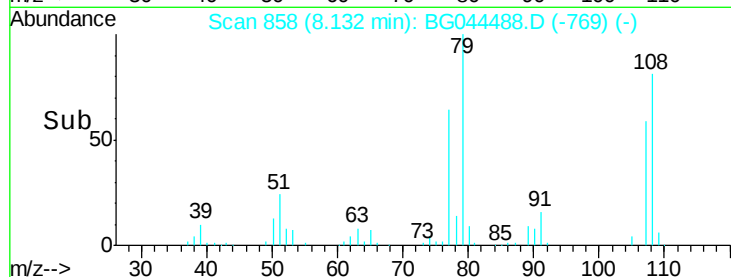
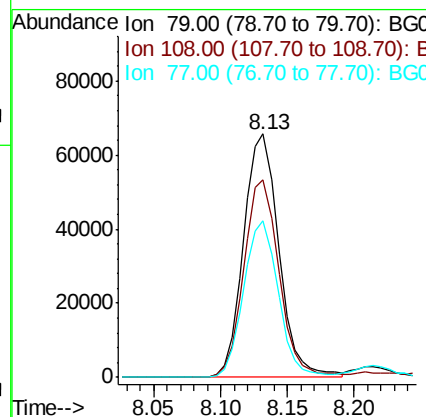
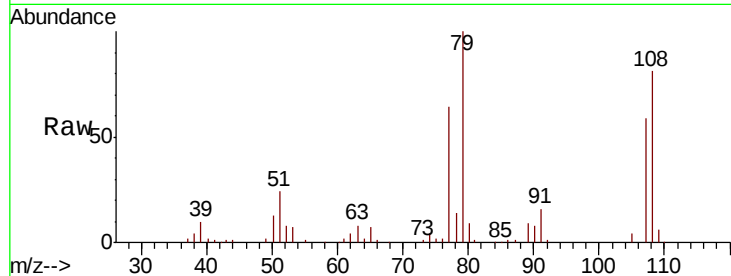
79 100

108 81.3 68.3 102.5

77 64.3 51.8 77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.758 ng

RT: 8.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

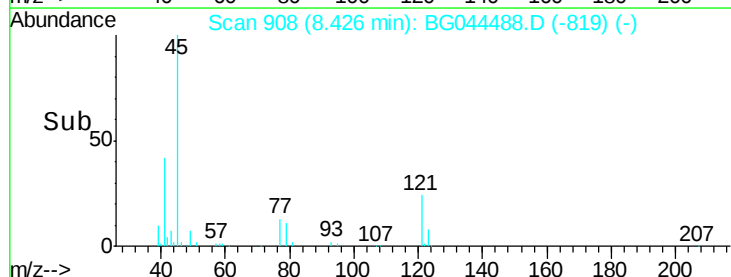
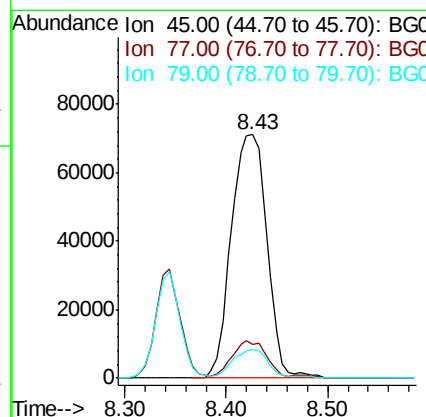
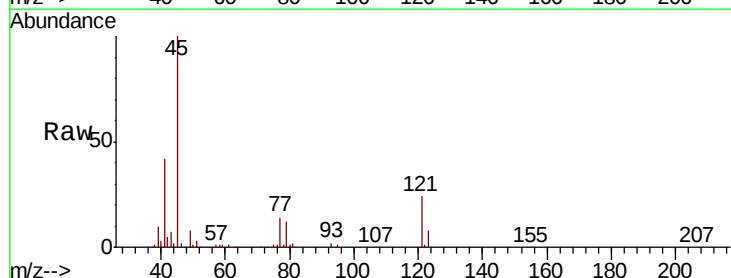
Tgt Ion: 45 Resp: 173705

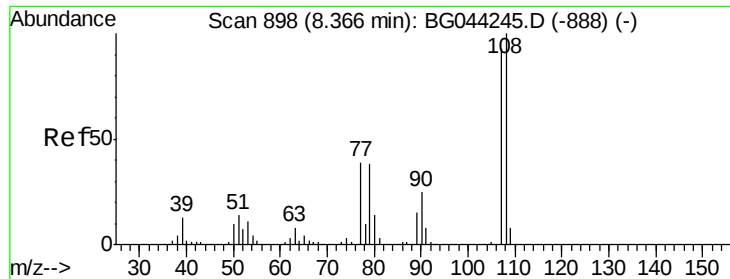
Ion Ratio Lower Upper

45 100

77 13.8 0.0 35.2

79 11.7 0.0 31.1





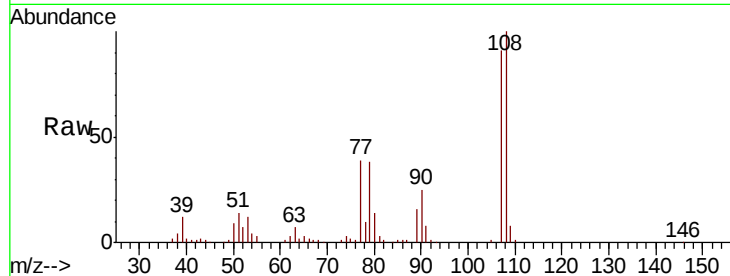
#17
2-Methylphenol
Concen: 41.578 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB126845BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.2	86.4	129.6	
77	42.5	34.0	51.0	
79	41.7	32.9	49.3	

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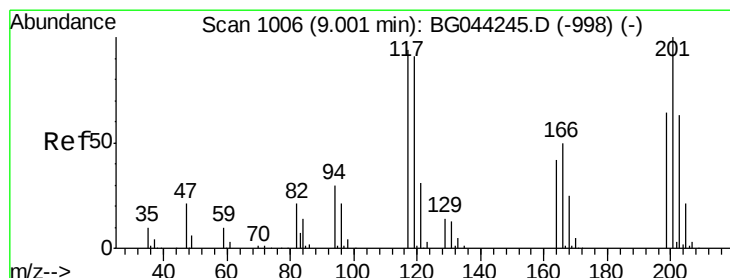
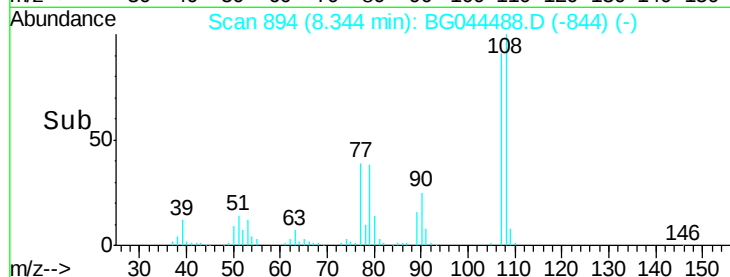
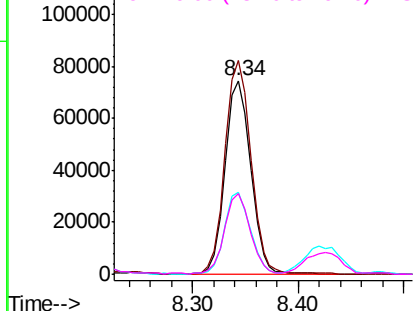
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

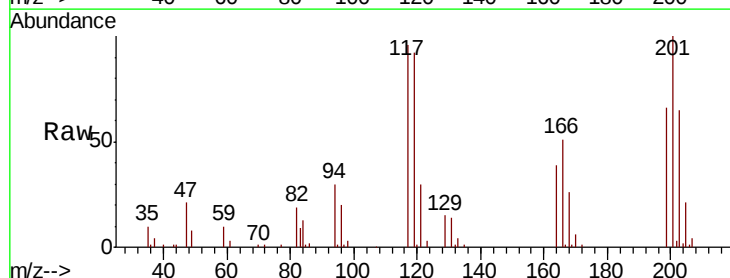
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.126 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	77.5	116.3	
201	104.3	84.9	127.3	

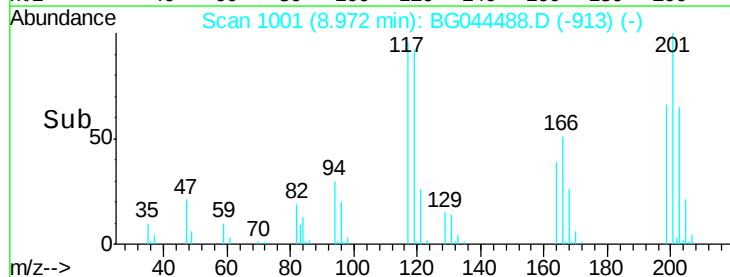
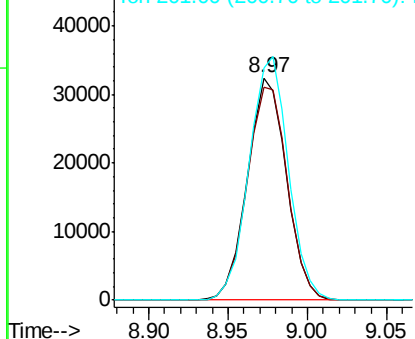


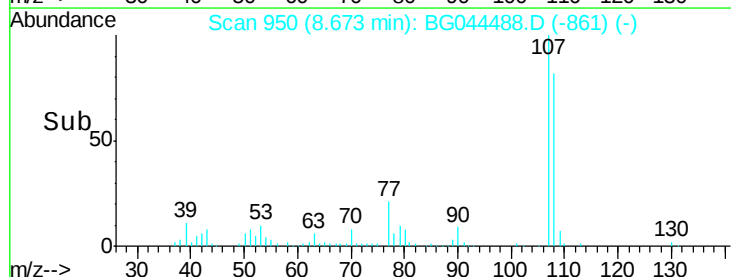
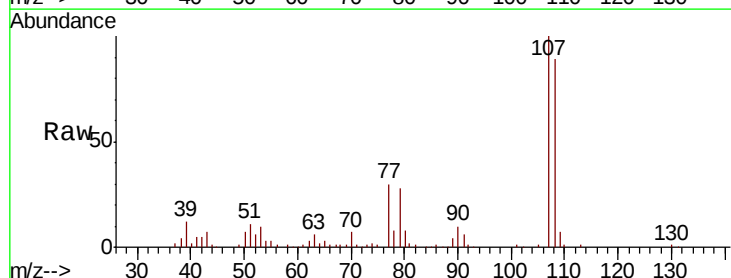
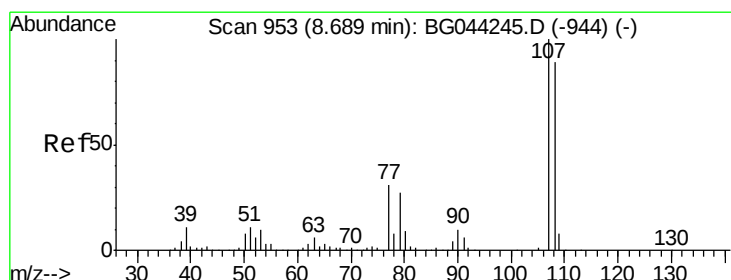
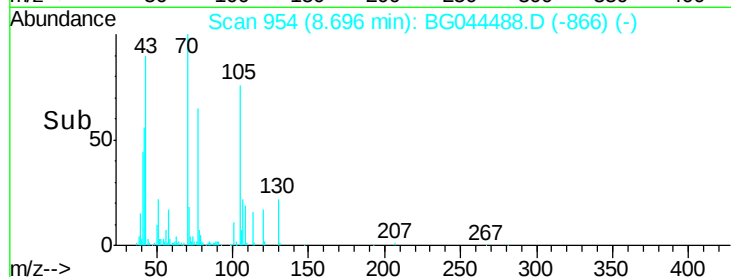
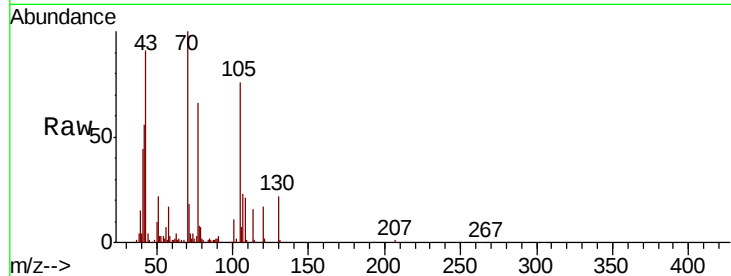
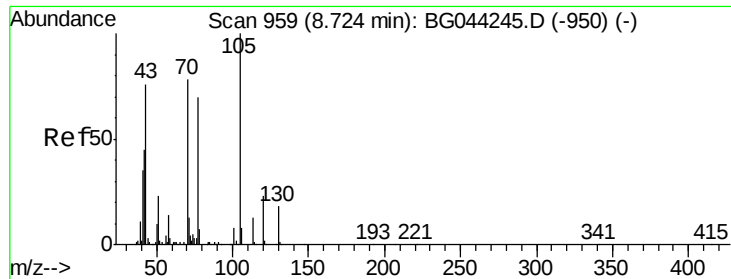
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





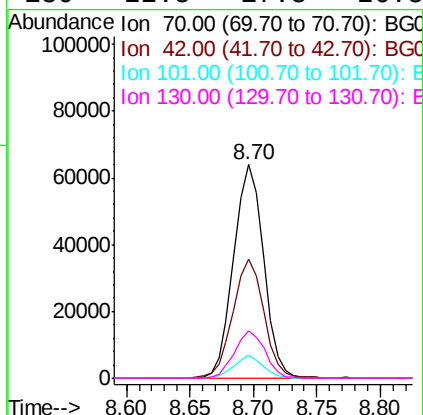
#19
n-Nitroso-di-n-propylamine
Concen: 37.241 ng
RT: 8.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB126845BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.0	46.2	69.2
101	10.8	8.4	12.6
130	22.5	17.8	26.8

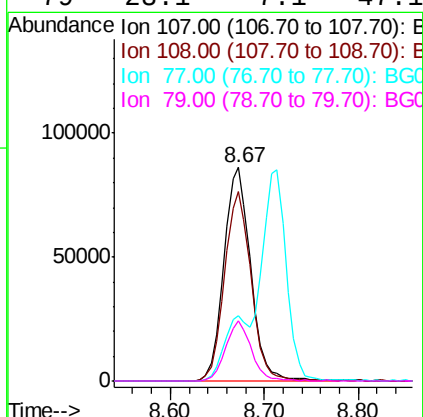
Manual Integrations
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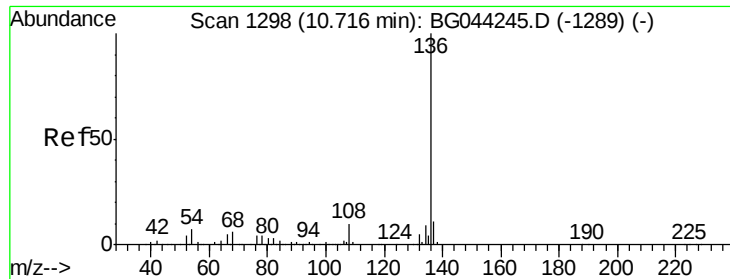
mohammad
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#20
3+4-Methylphenols
Concen: 41.232 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.5	108.5
77	30.4	10.9	50.9
79	28.1	7.1	47.1





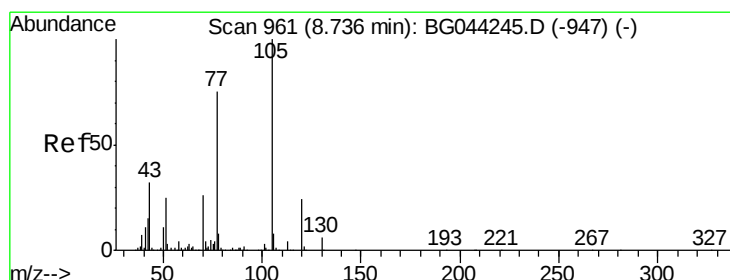
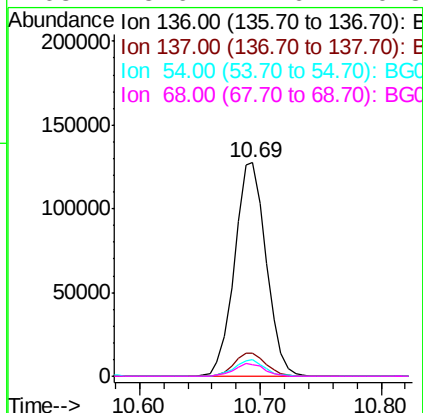
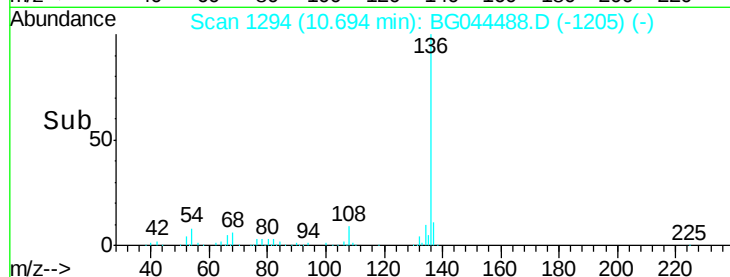
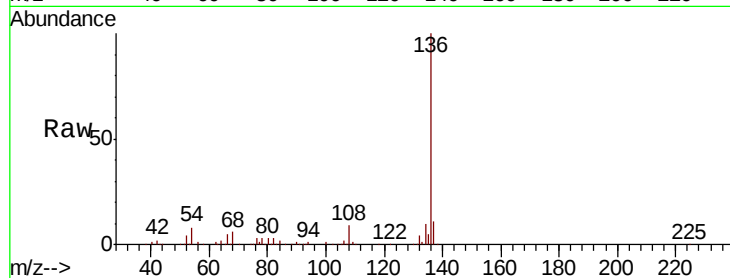
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB126845BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	231691		
137	10.7		8.8	13.2
54	7.9		5.8	8.8
68	5.6		4.6	6.8

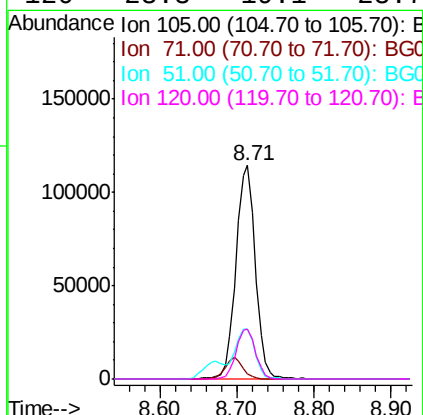
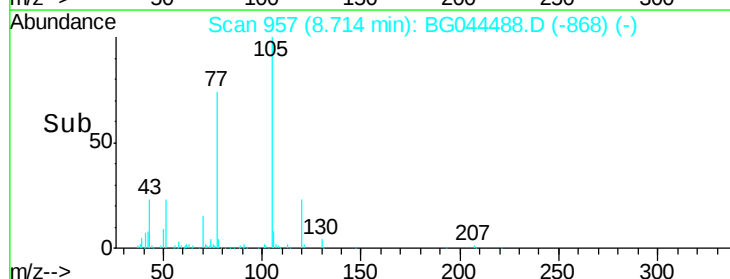
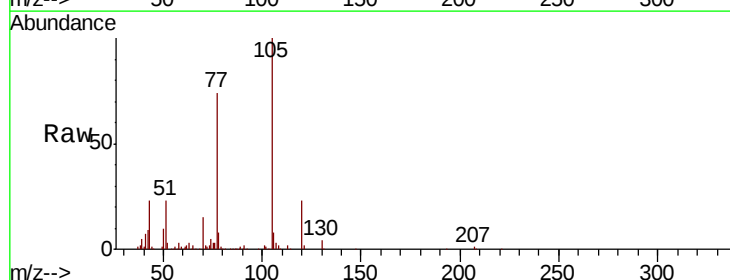
Manual Integrations
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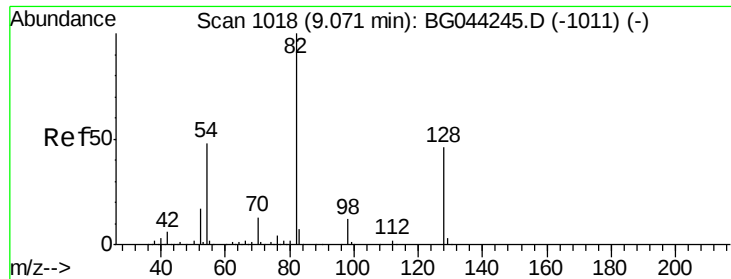
mohammad
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#22
Acetophenone
Concen: 36.046 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	203169		
71	2.5		3.4	5.0#
51	23.3		20.2	30.4
120	23.3		19.1	28.7





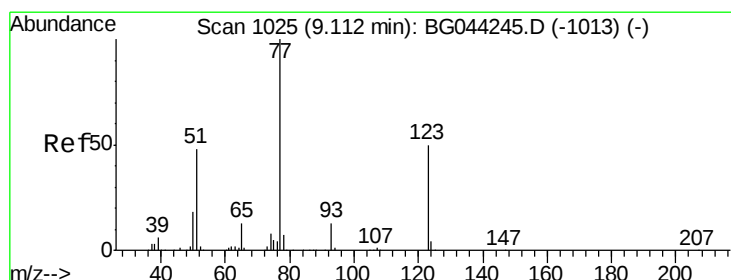
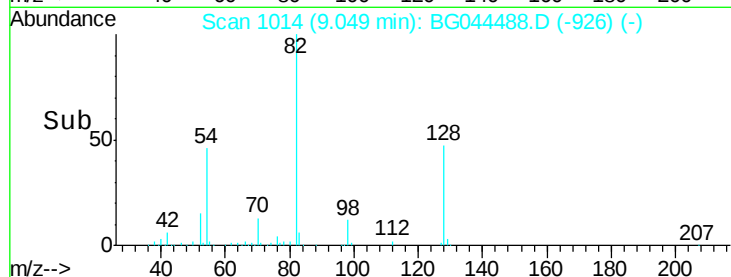
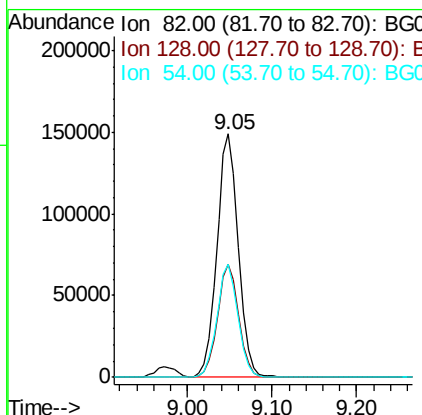
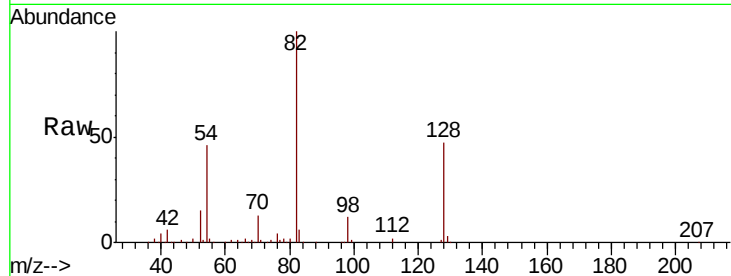
#23
 Nitrobenzene-d5
 Concen: 64.139 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB126845BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	263222		
128	46.7		36.5	54.7
54	46.4		38.6	58.0

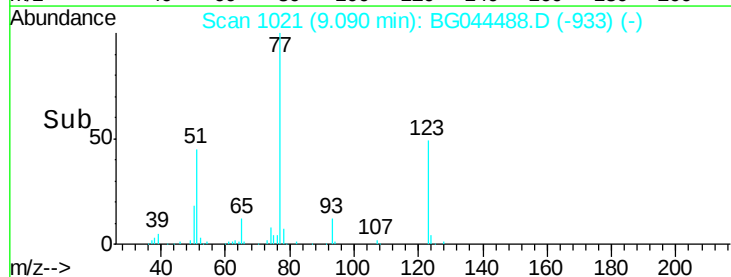
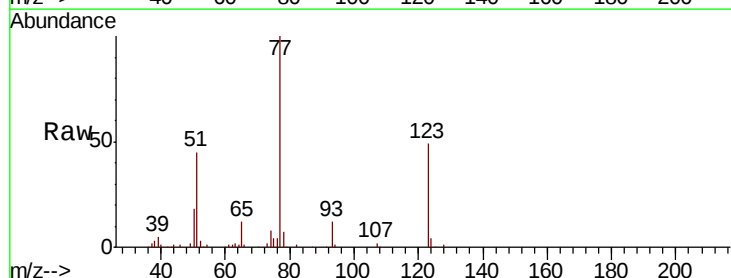
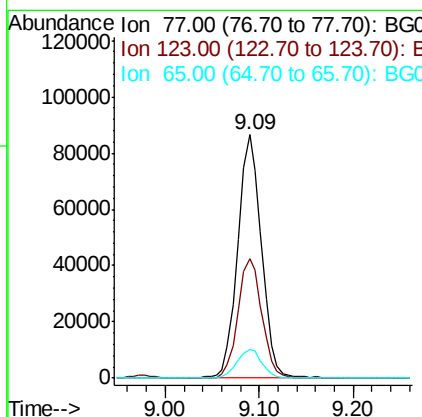
Manual Integrations
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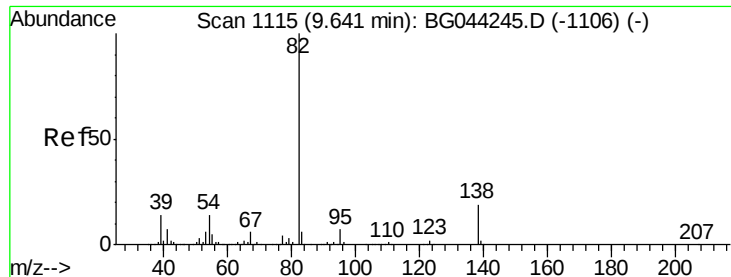
mohammad
 2/20/2020 3:11:35 PM



#24
 Nitrobenzene
 Concen: 37.786 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	151386		
123	49.3		39.9	59.9
65	11.8		10.4	15.6





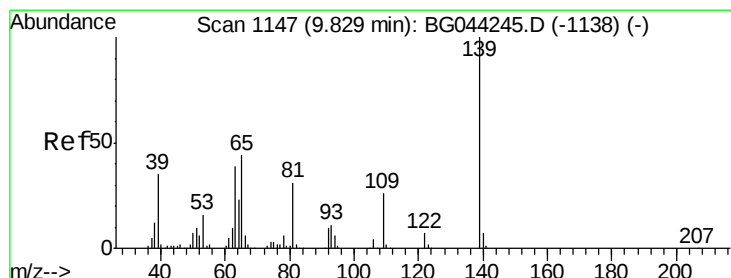
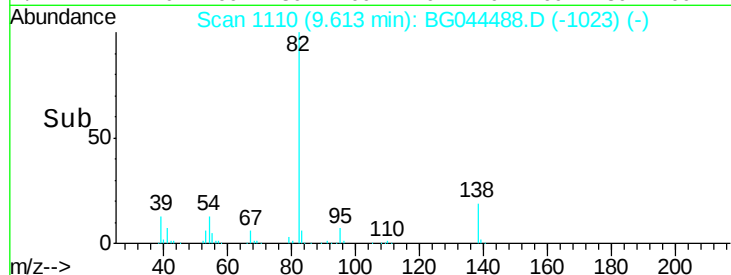
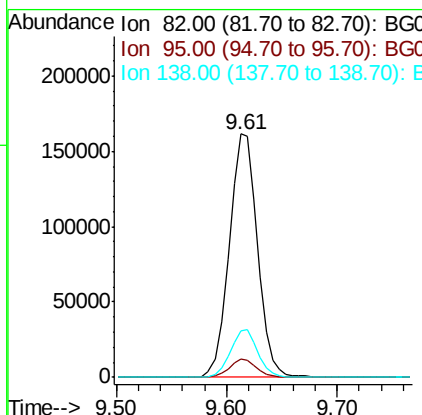
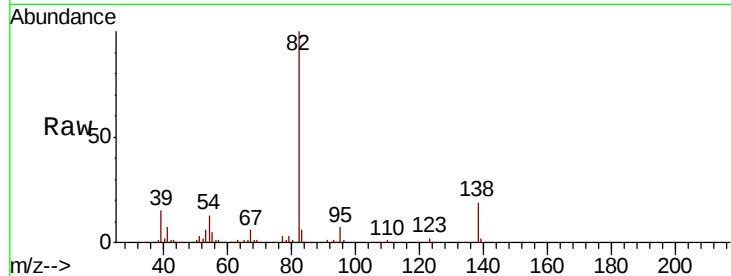
#25
Isophorone
Concen: 37.765 ng
RT: 9.61 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB126845BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	288868		
95	7.3		5.7	8.5
138	19.0		15.0	22.4

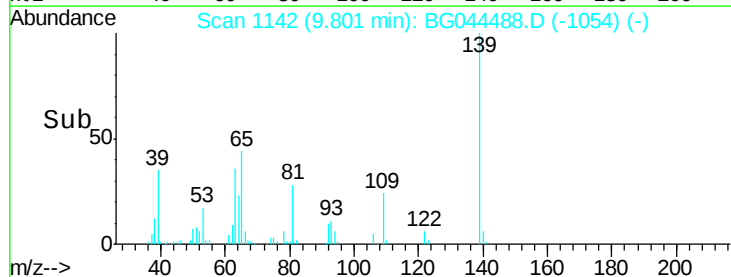
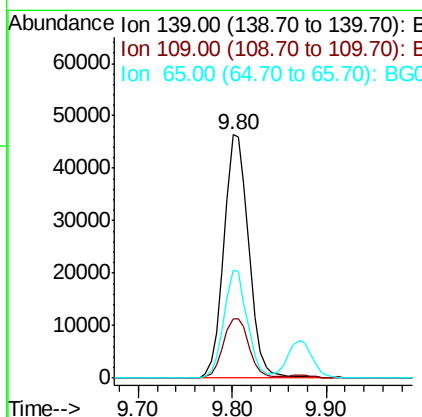
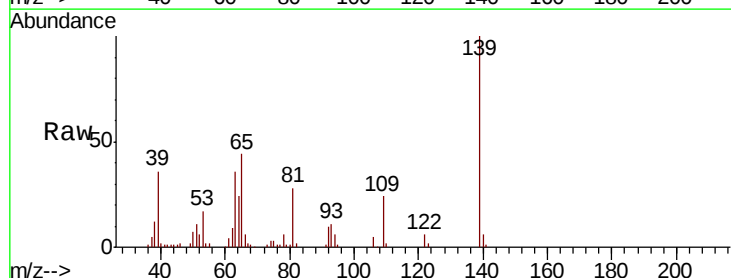
Manual Integrations
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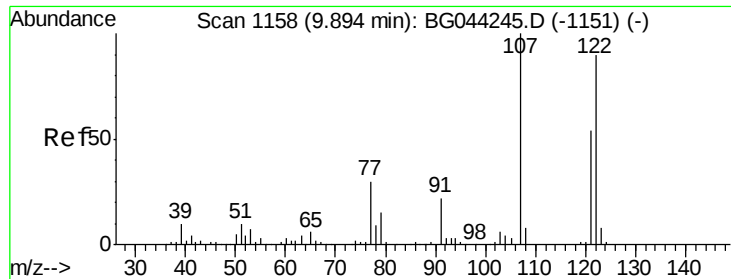
mohammad
2/20/2020 3:11:35 PM



#26
2-Nitrophenol
Concen: 41.162 ng
RT: 9.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	85571		
109	24.2		21.0	31.4
65	44.4		35.0	52.4





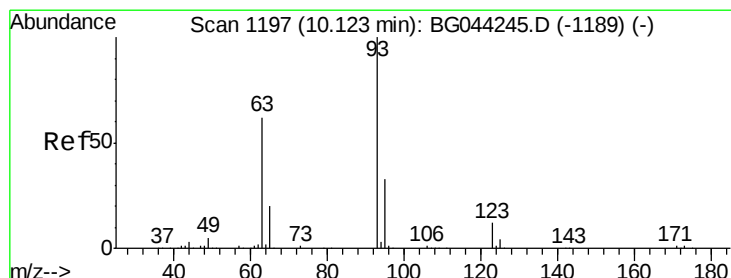
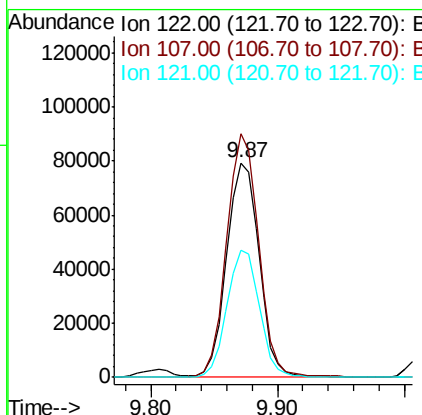
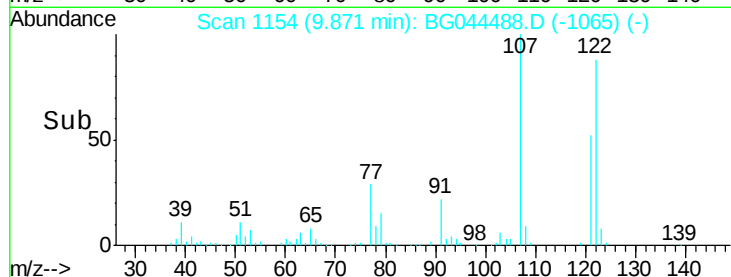
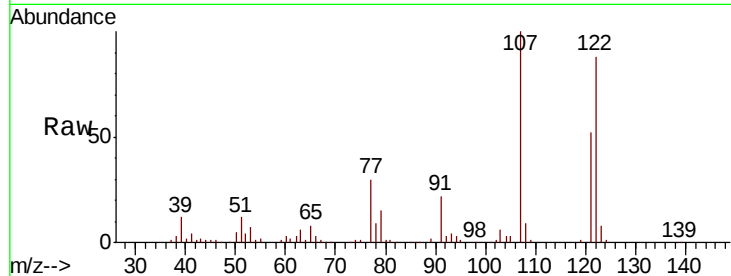
#27
 2,4-Dimethylphenol
 Concen: 47.613 ng
 RT: 9.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB126845BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		139722		
107	113.4	88.8	133.2		
121	59.3	48.3	72.5		

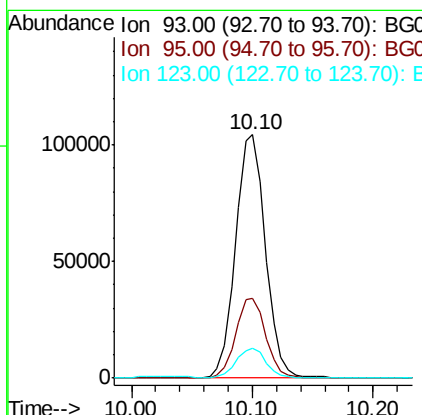
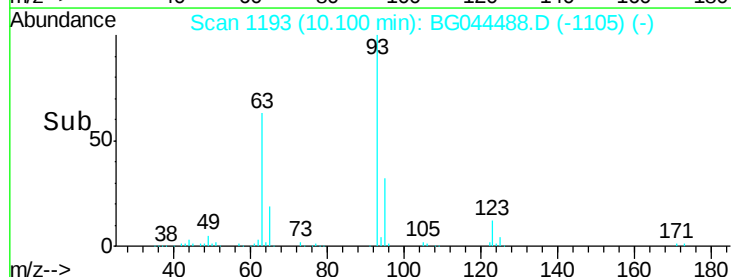
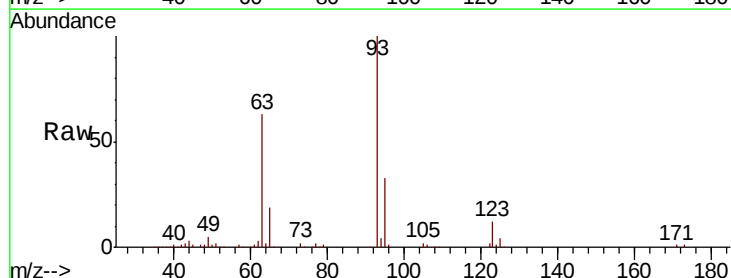
Manual Integrations
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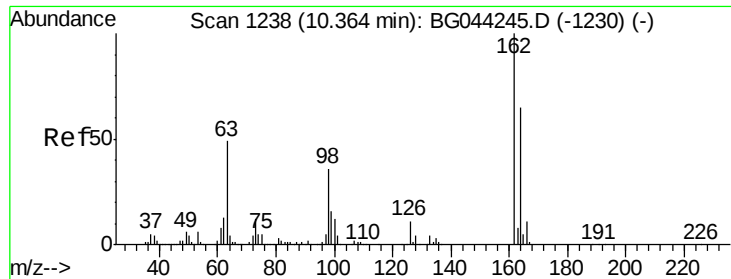
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.360 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		180434		
95	32.7	26.6	40.0		
123	12.2	10.0	15.0		





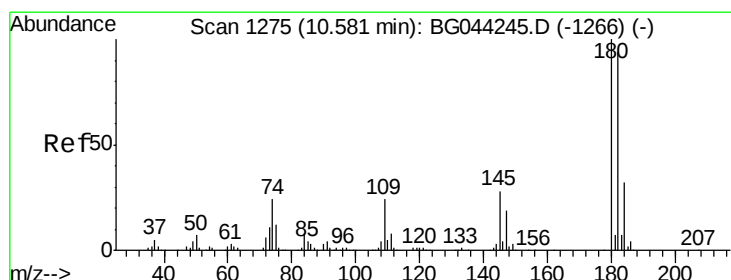
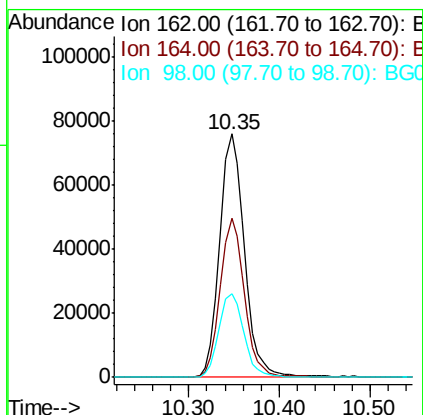
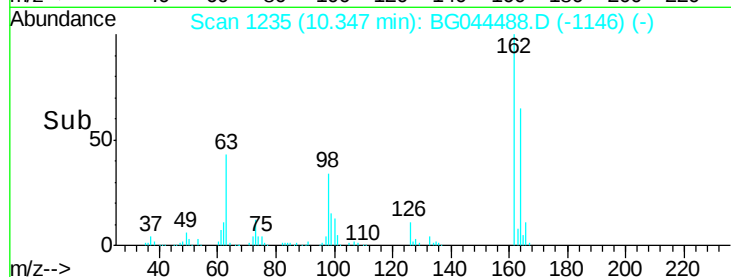
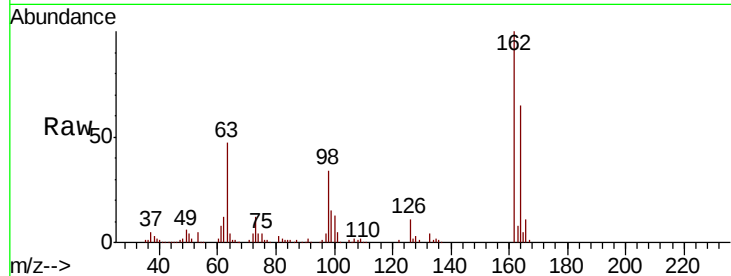
#29
 2,4-Dichlorophenol
 Concen: 40.528 ng
 RT: 10.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB126845BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.7	84.7
98	34.4	15.8	55.8

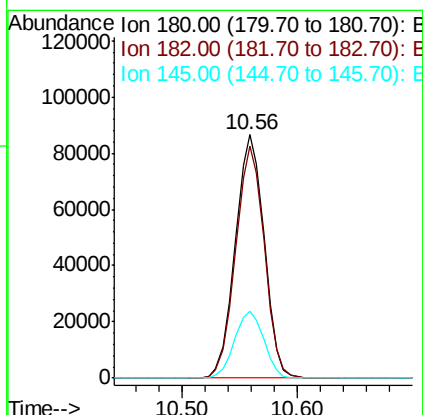
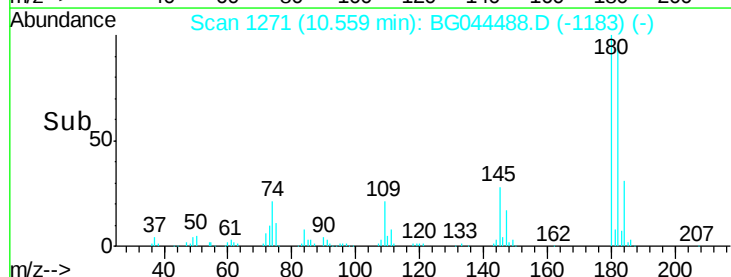
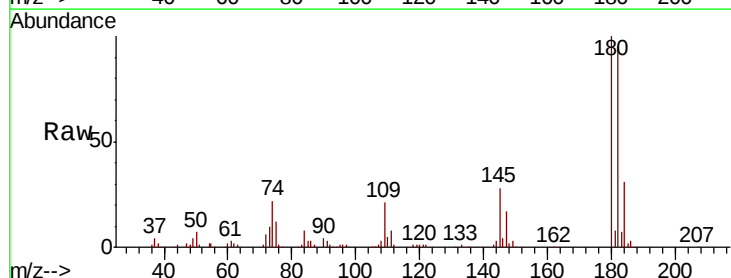
Manual Integrations
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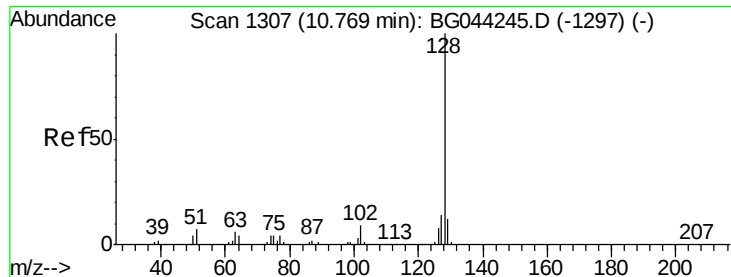
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.719 ng
 RT: 10.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.5	113.3
145	27.5	22.6	34.0





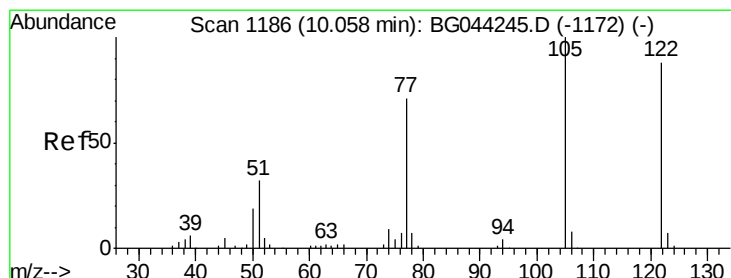
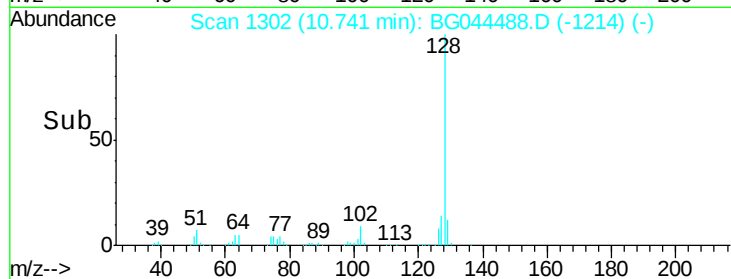
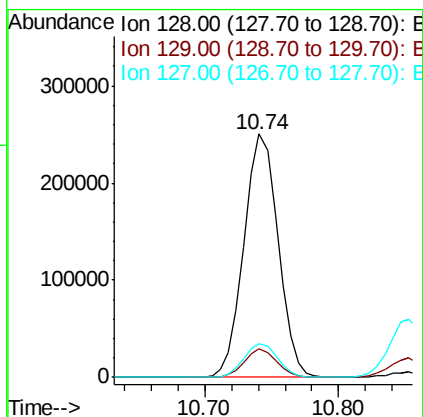
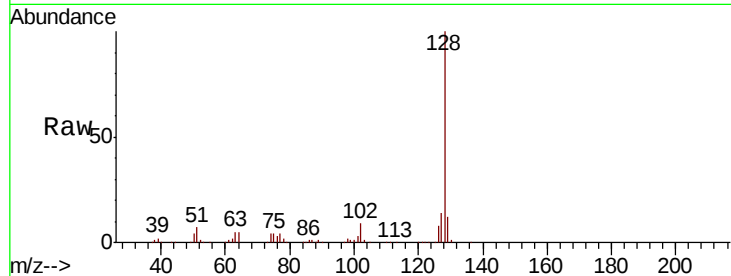
#31
Naphthalene
Concen: 39.400 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB126845BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	13.7	11.6	17.4

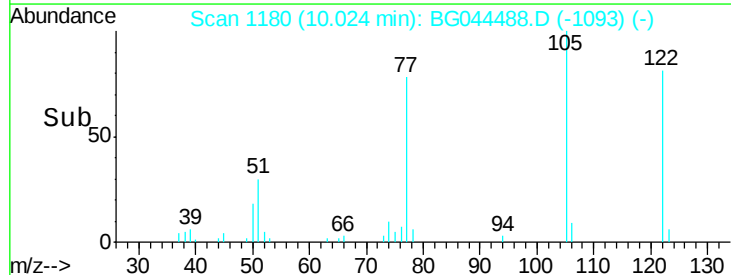
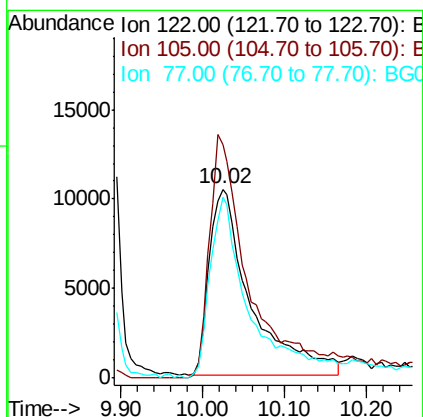
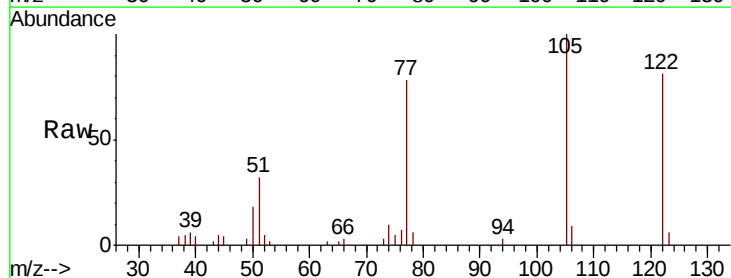
Manual Integrations
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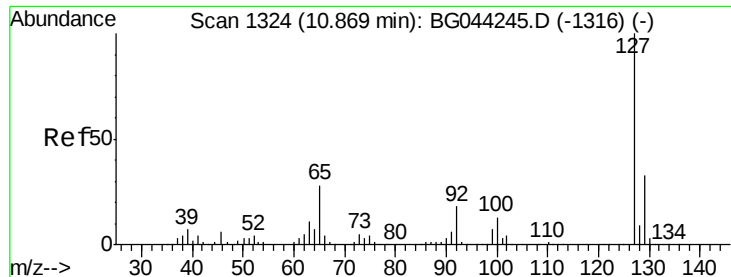
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#32
Benzoic acid
Concen: 27.605 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.3	93.5	133.5
77	95.7	61.0	101.0





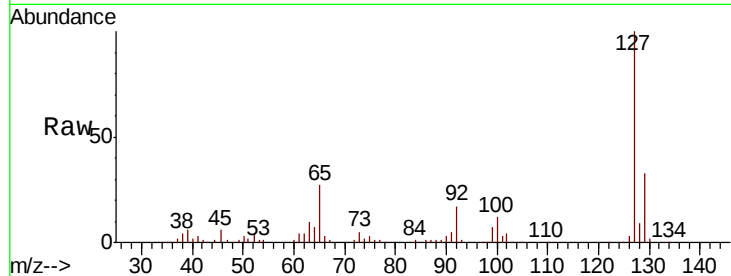
#33
4-Chloroaniline
Concen: 22.988 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB126845BS

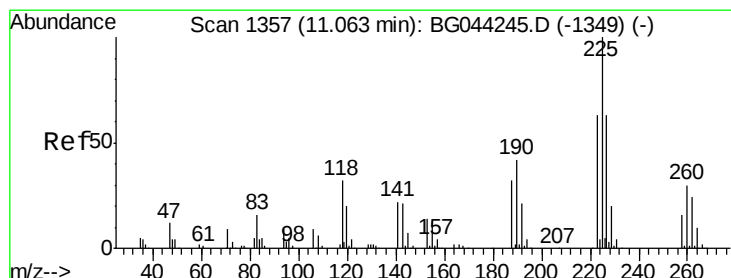
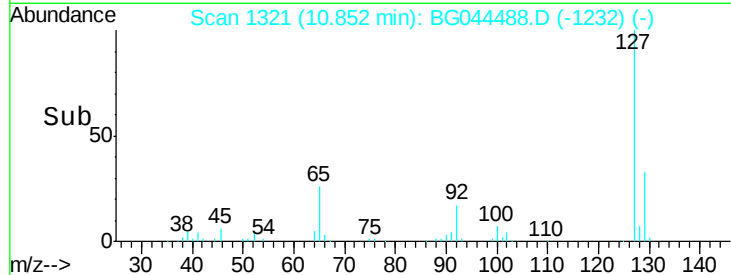
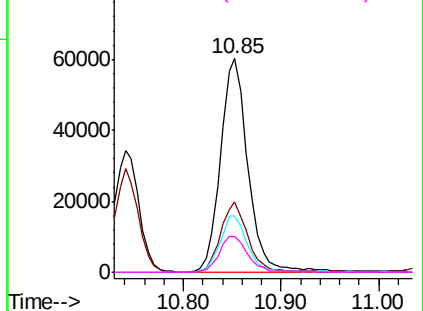
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.6	40.0		
65	26.6	22.5	33.7		
92	16.7	14.1	21.1		

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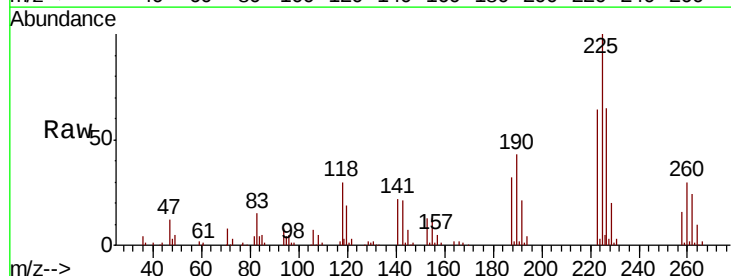


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

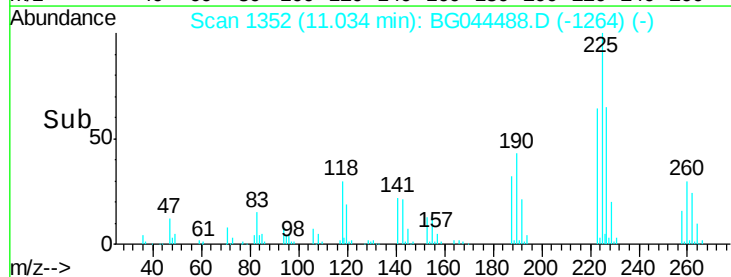
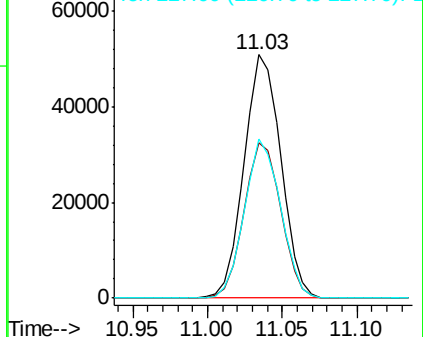


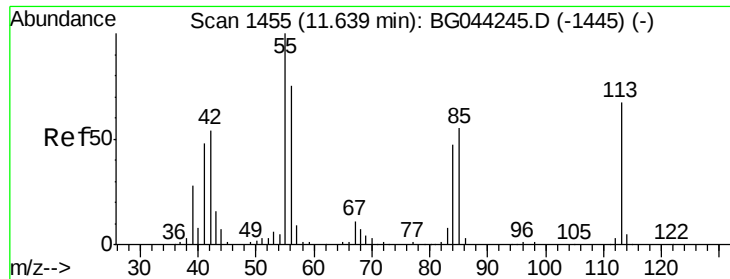
#34
Hexachlorobutadiene
Concen: 34.706 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	50.2	75.4		
227	65.2	50.8	76.2		



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





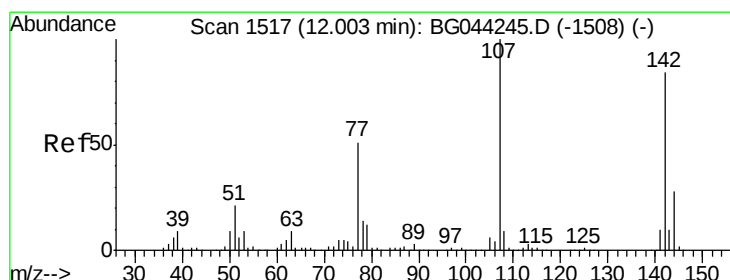
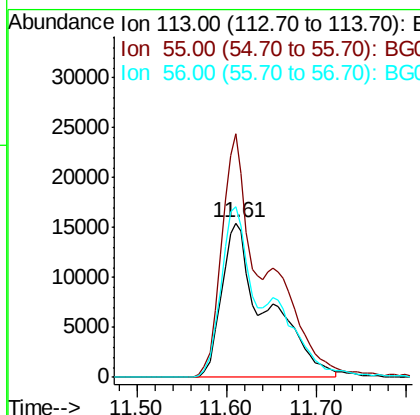
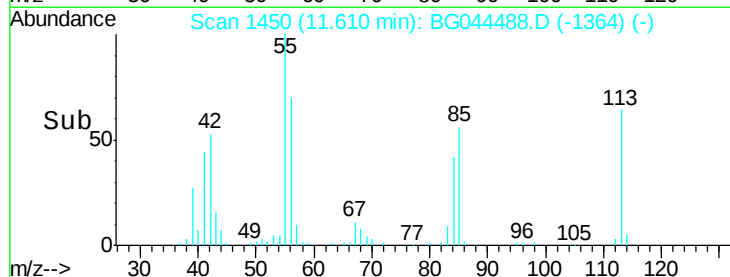
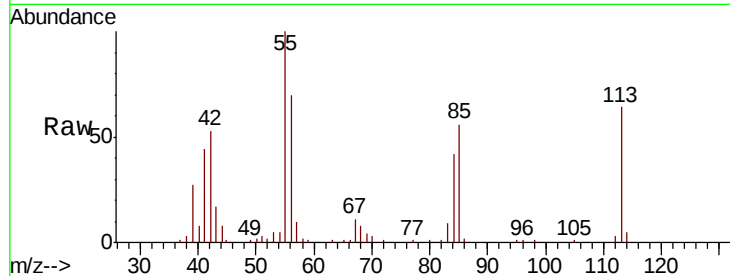
#35
Caprolactam
Concen: 41.527 ng/ml
RT: 11.61 min Scan# 1450
Delta R.T. -0.03 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB126845BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	157.5	129.9	169.9
56	110.3	92.5	132.5

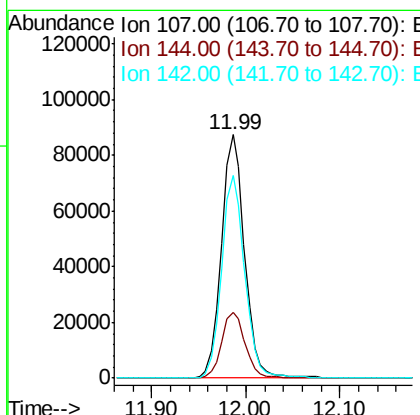
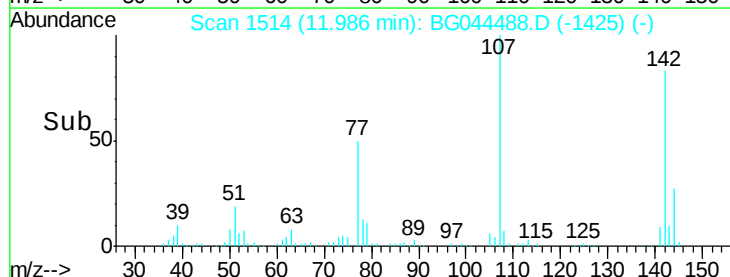
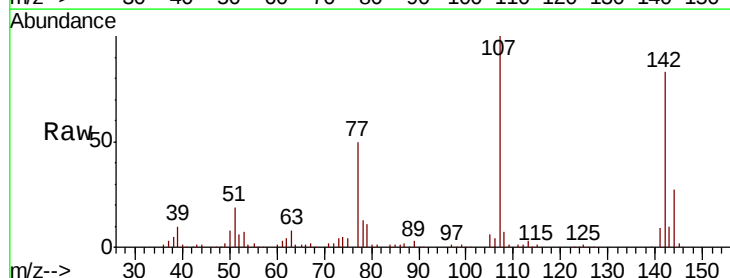
Manual Integrations
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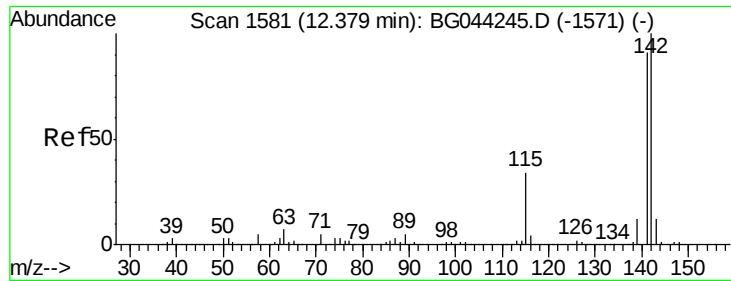
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#36
4-Chloro-3-methylphenol
Concen: 40.337 ng/ml
RT: 11.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	22.2	33.4
142	83.0	67.4	101.0





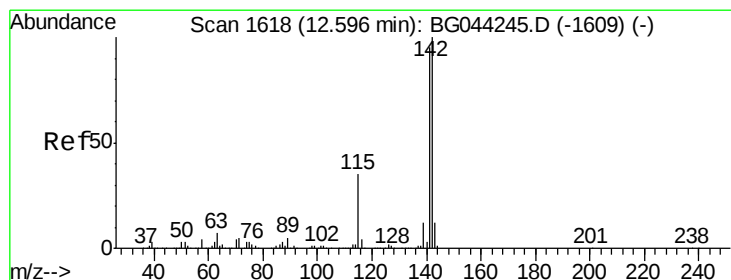
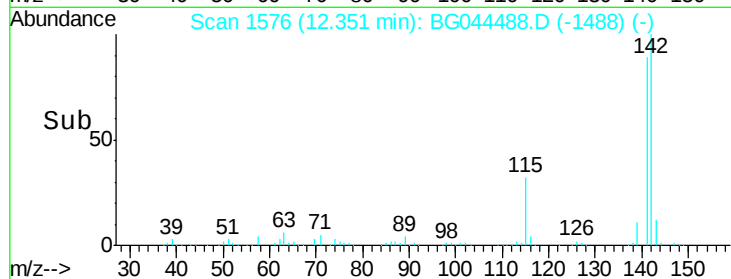
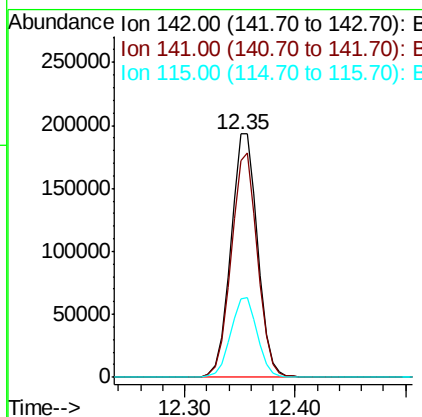
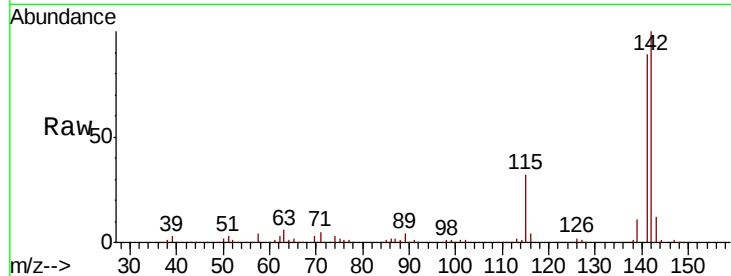
#37
2-Methylnaphthalene
Concen: 39.461 ng
RT: 12.35 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB126845BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.2	109.8
115	32.3	27.1	40.7

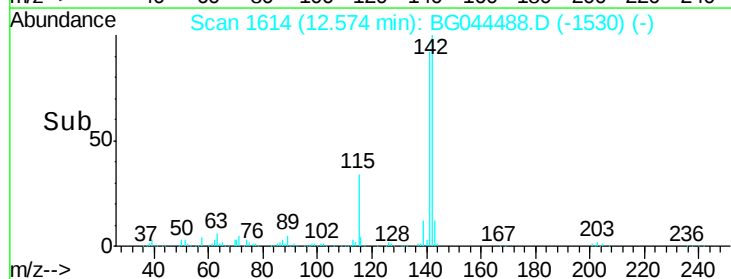
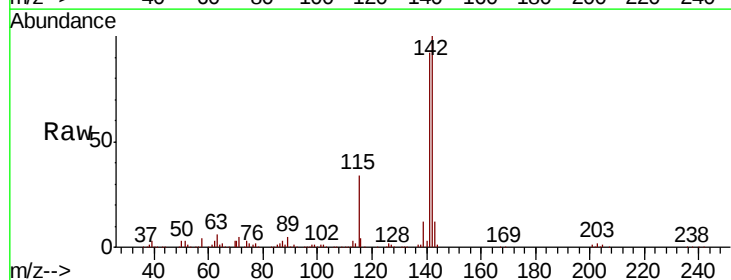
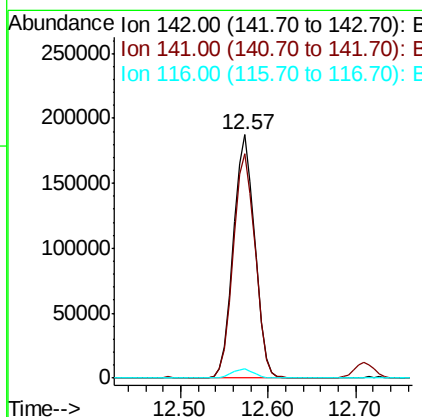
Manual Integrations
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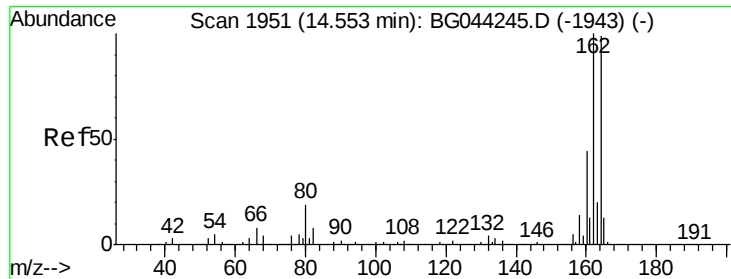
mohammad
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#38
1-Methylnaphthalene
Concen: 39.429 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	75.8	113.6
116	3.7	3.1	4.7





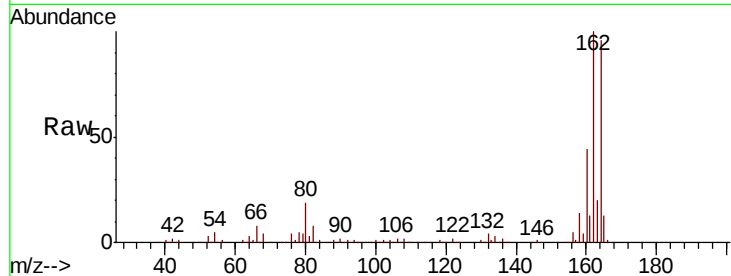
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB126845BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.7	121.1
160	45.5	35.3	52.9

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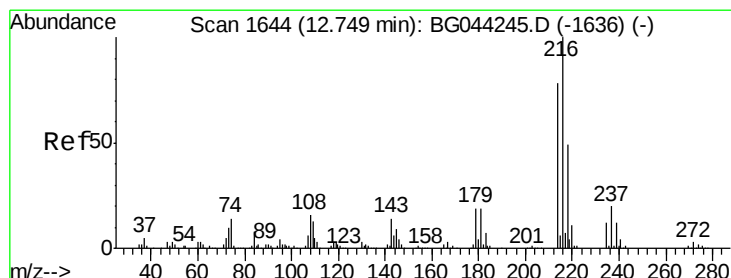
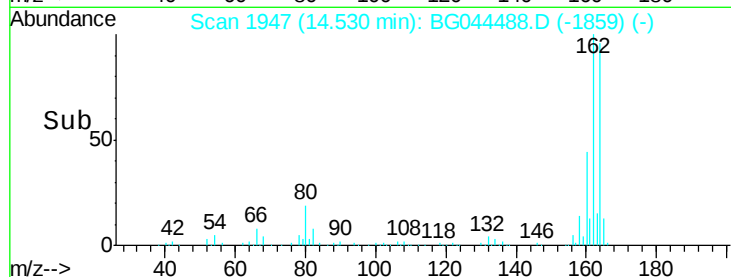
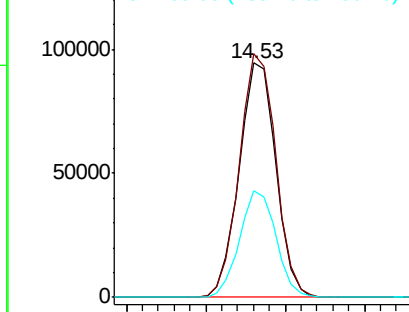


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.862 ng
RT: 12.73 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.6
179	20.3	16.2	24.4
108	17.8	13.5	20.3

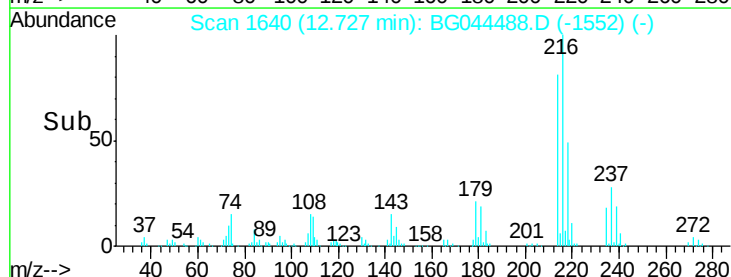
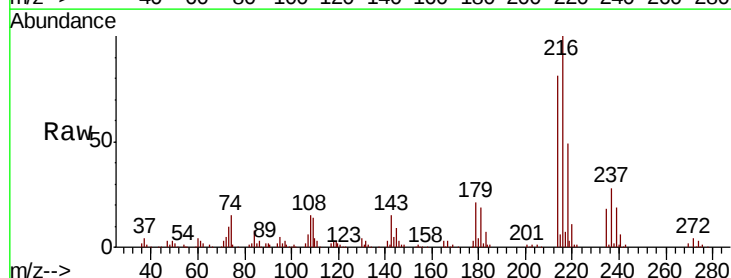
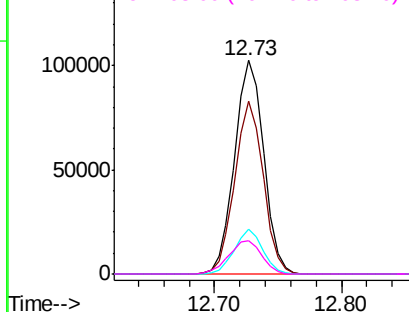
Abundance

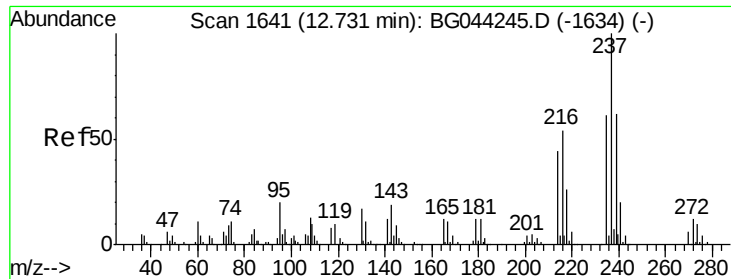
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 74.498 ng

RT: 12.71 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

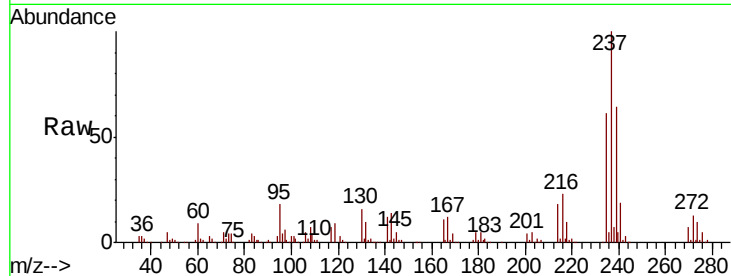
ClientSampleId :

PB126845BS

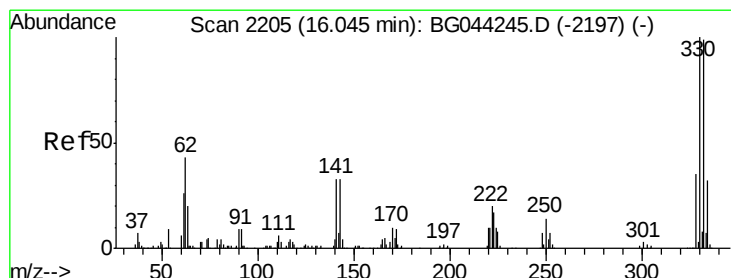
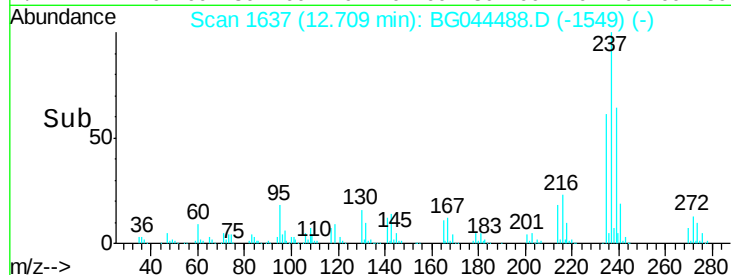
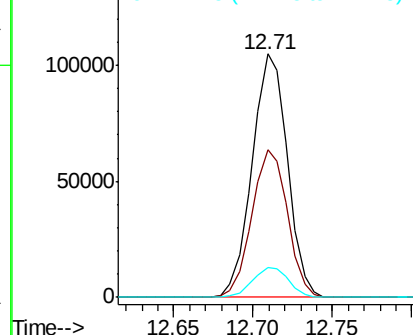
Tot Ion:	237	Resp:	162273
Ion Ratio	Lower	Upper	
237	100		
235	60.7	41.2	81.2
272	12.5	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 111.196 ng

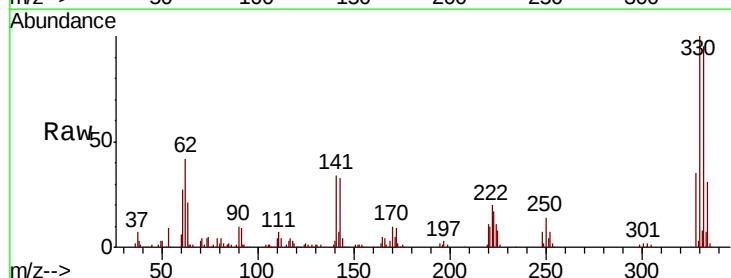
RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

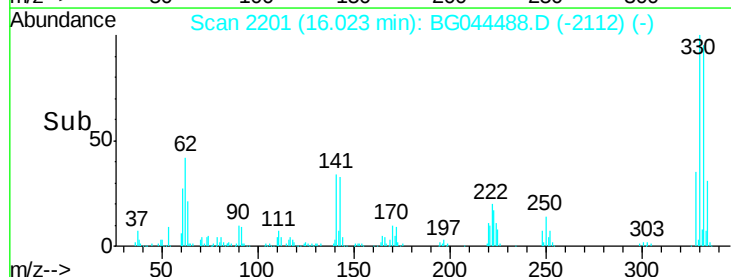
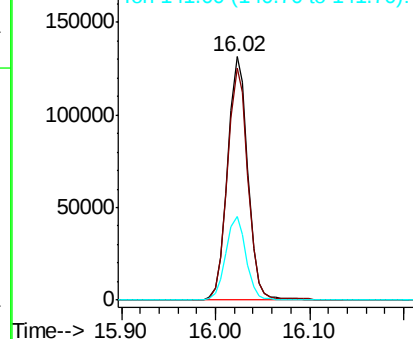
Lab File: BG044488.D

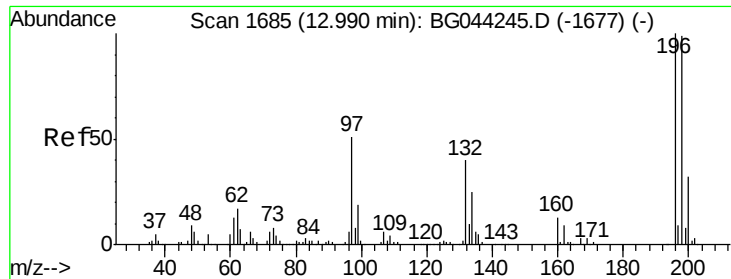
Acq: 19 Feb 2020 13:30

Tgt Ion:	330	Resp:	198101
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.2	115.8
141	34.3	28.3	42.5



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





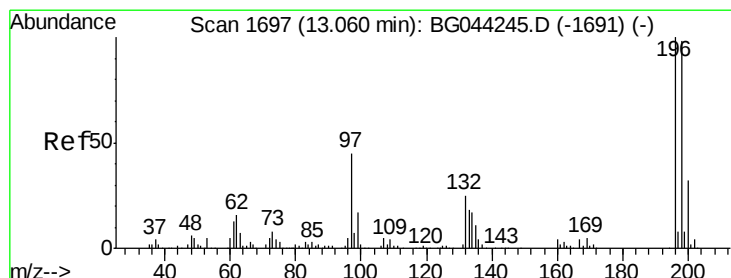
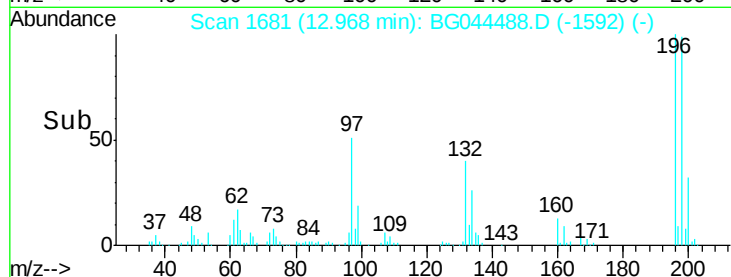
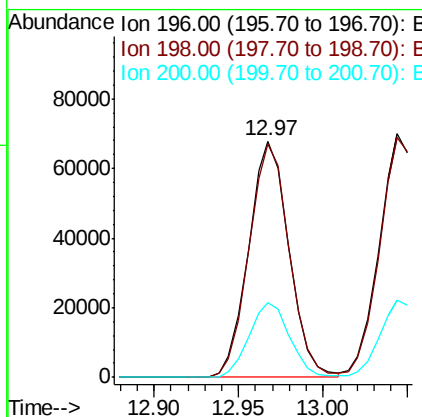
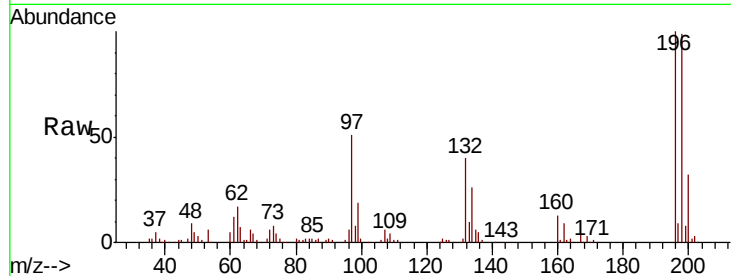
#43
 2,4,6-Trichlorophenol
 Concen: 38.435 ng
 RT: 12.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Instrument :
 BNA_G
 ClientSampled :
 PB126845BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	112779		
198	99.1	79.3	118.9	
200	31.6	25.7	38.5	

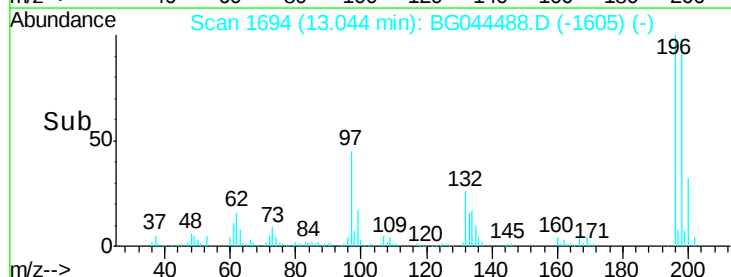
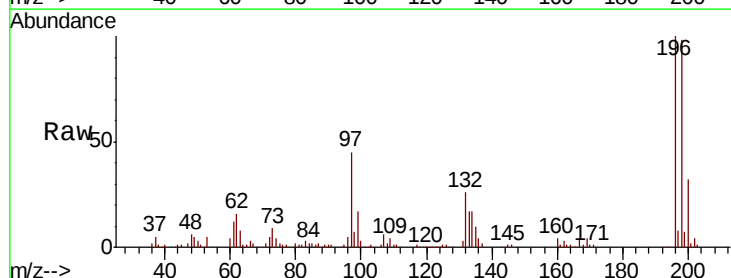
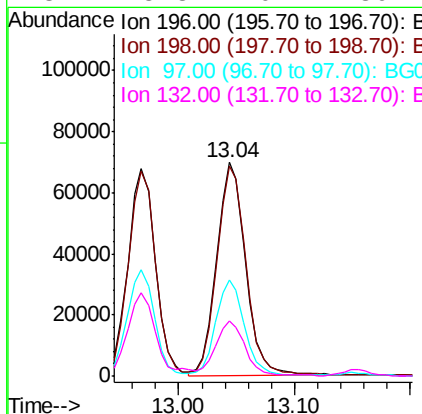
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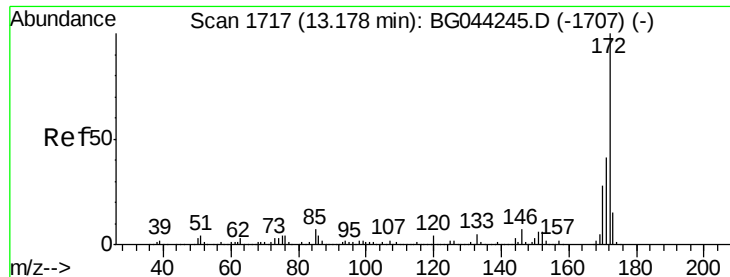
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.257 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	120652		
198	98.3	78.2	117.2	
97	45.0	36.2	54.4	
132	25.8	20.2	30.4	





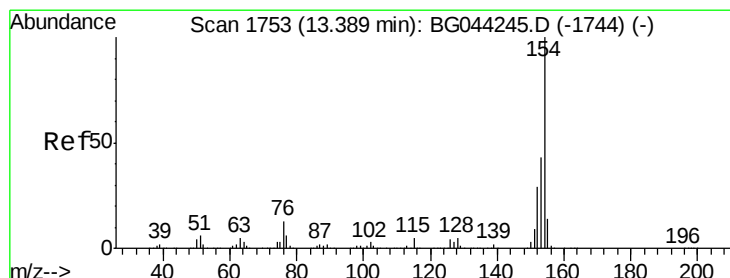
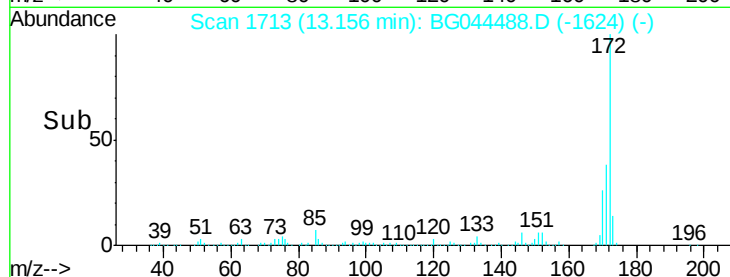
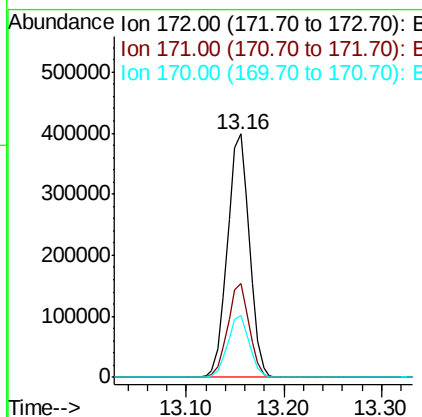
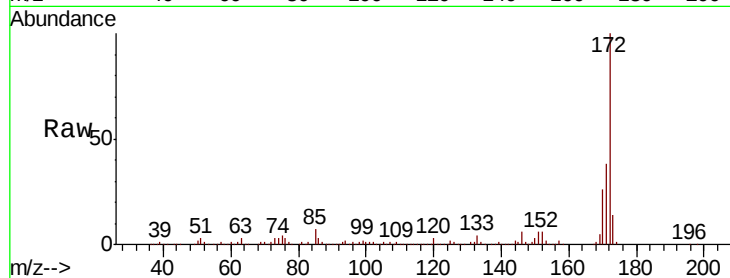
#45
2-Fluorobiphenyl
Concen: 68.455 ng
RT: 13.16 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampled :
PB126845BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	32.9	49.3
170	25.5	22.0	33.0

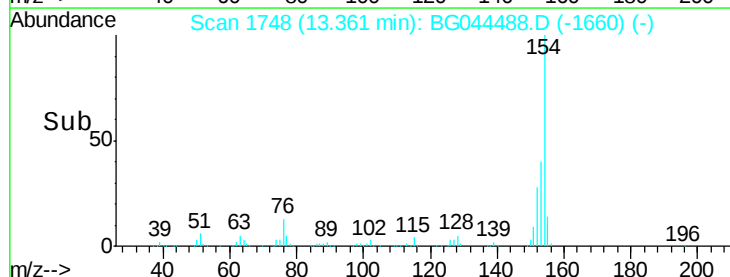
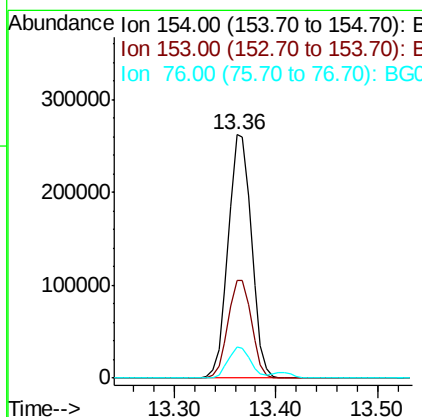
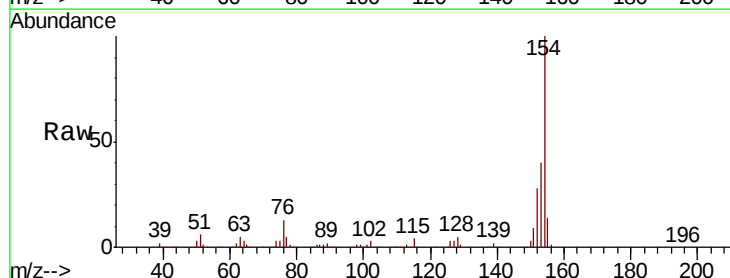
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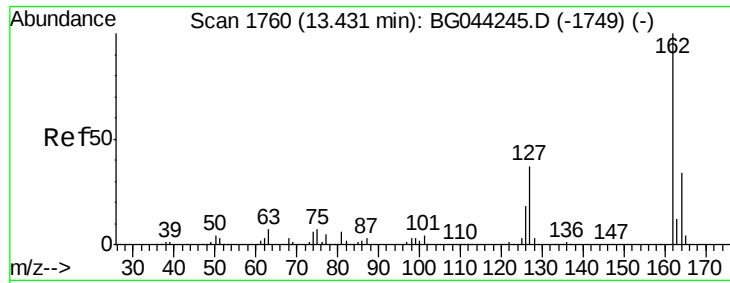
mohammad
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#46
1,1'-Biphenyl
Concen: 38.265 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	22.7	62.7
76	12.6	0.0	32.9





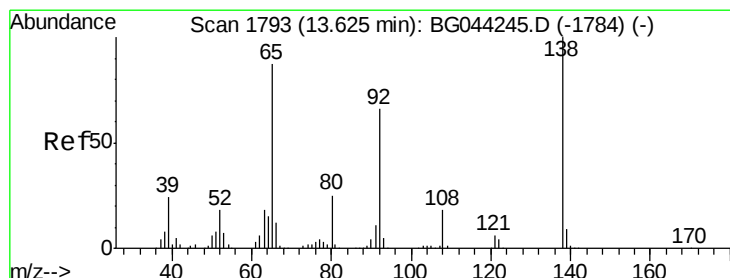
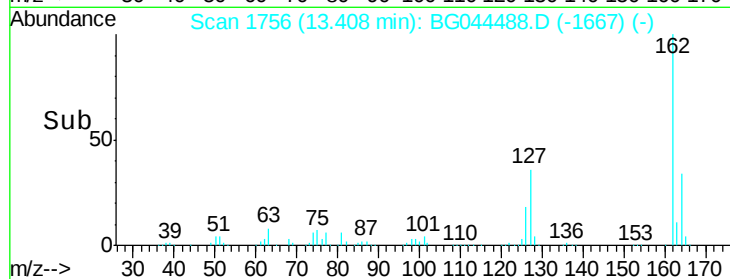
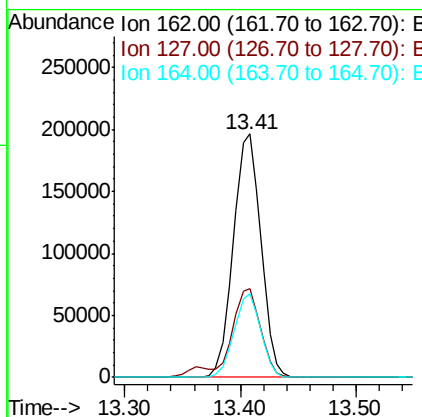
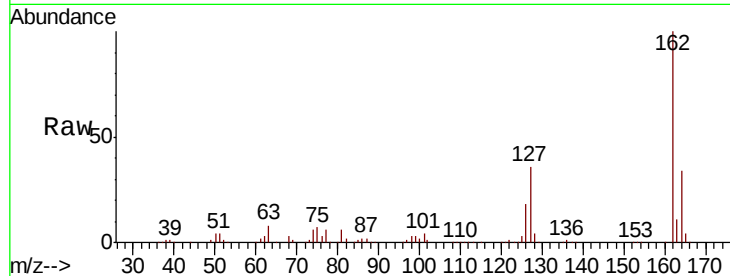
#47
 2-Chloronaphthalene
 Concen: 37.219 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Instrument :
 BNA_G
 ClientSampled :
 PB126845BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.3	30.0	45.0
164	34.2	27.2	40.8

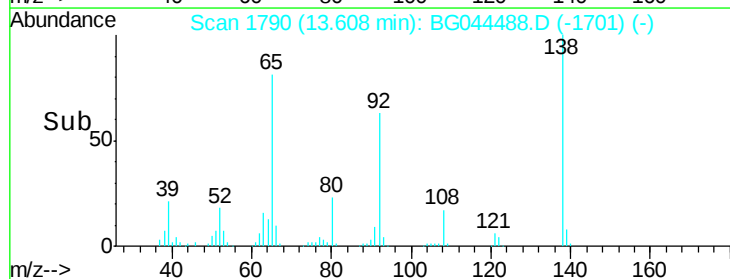
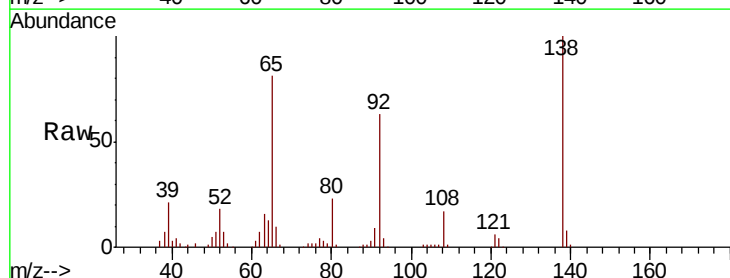
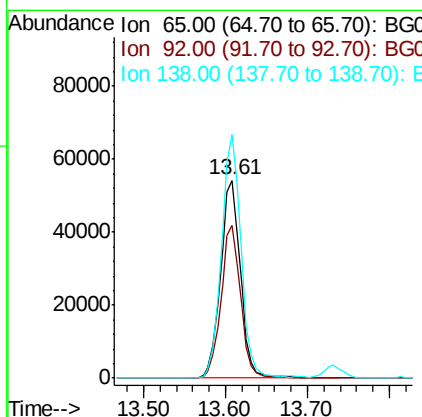
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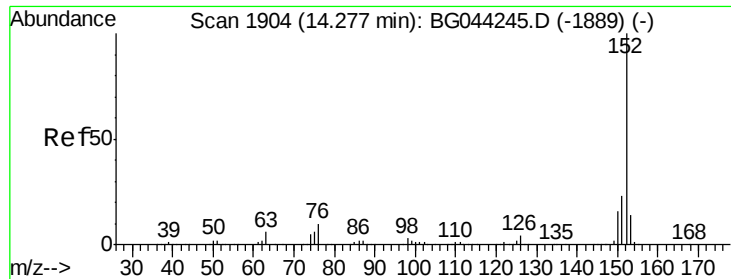
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#48
 2-Nitroaniline
 Concen: 35.846 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.9	60.3	90.5
138	123.1	91.9	137.9





#49

Acenaphthylene

Concen: 40.693 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

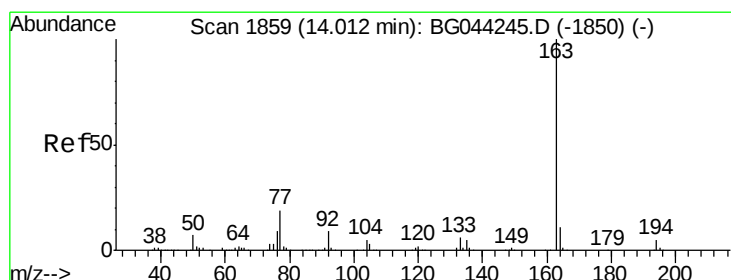
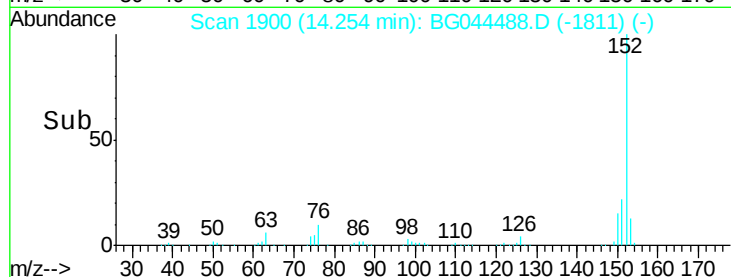
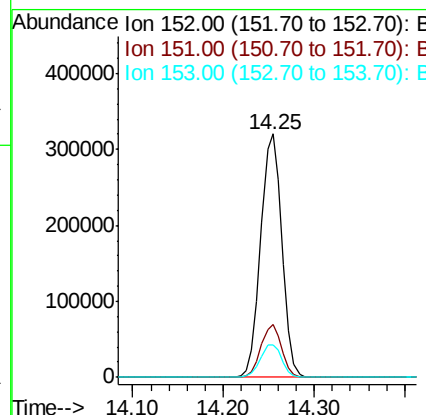
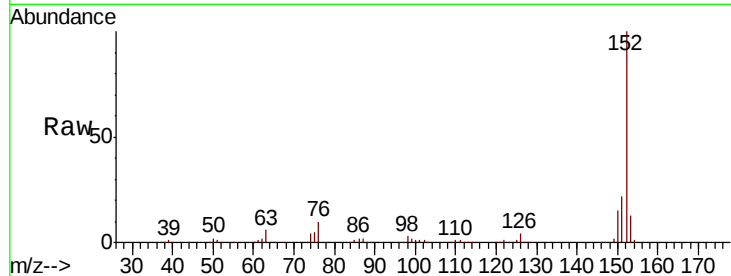
ClientSampleId :

PB126845BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		519900		
151	21.9	18.1	27.1		
153	13.5	11.5	17.3		

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#50

Dimethylphthalate

Concen: 37.945 ng

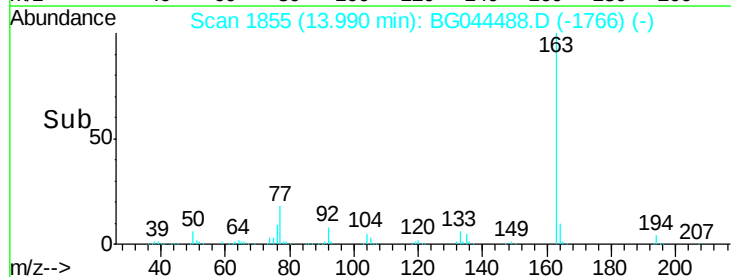
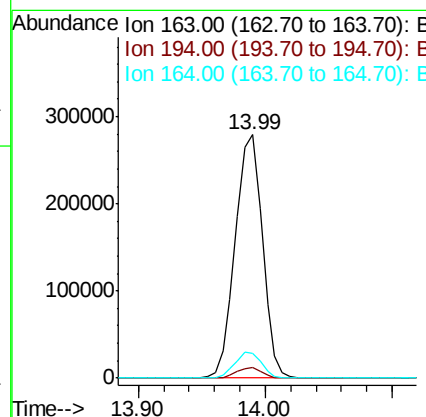
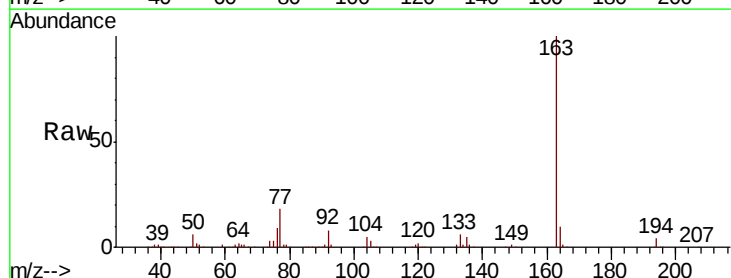
RT: 13.99 min Scan# 1855

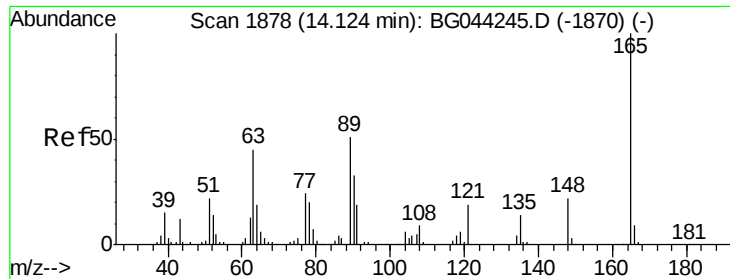
Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		413931		
194	4.1	3.6	5.4		
164	10.4	8.7	13.1		





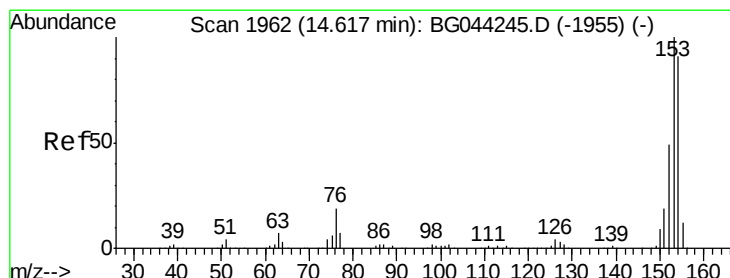
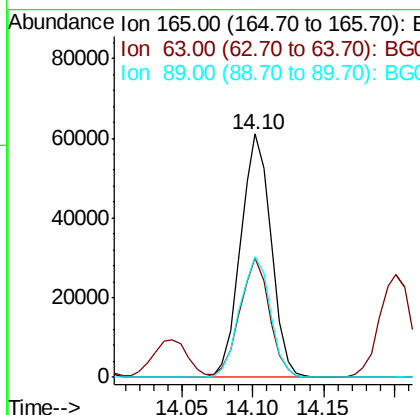
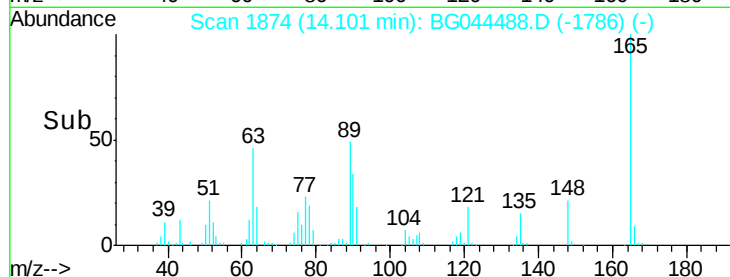
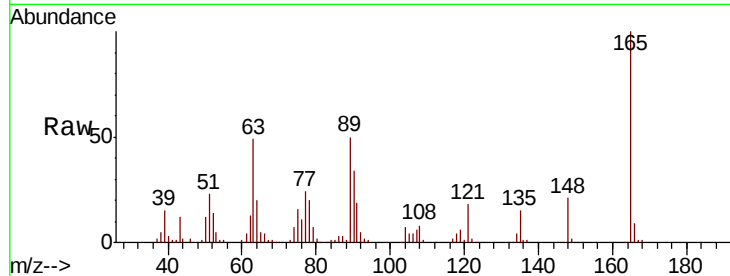
#51
2,6-Dinitrotoluene
Concen: 37.914 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB126845BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.0	38.7	58.1
89	49.7	40.4	60.6

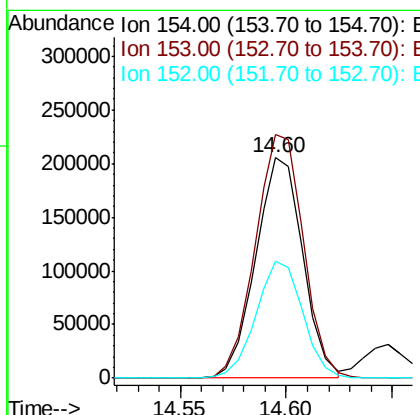
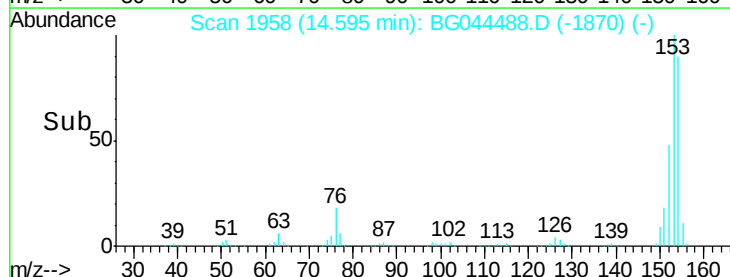
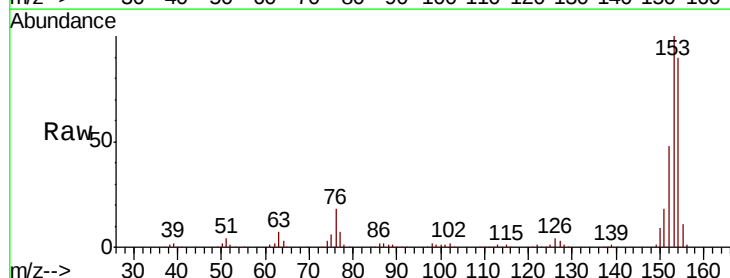
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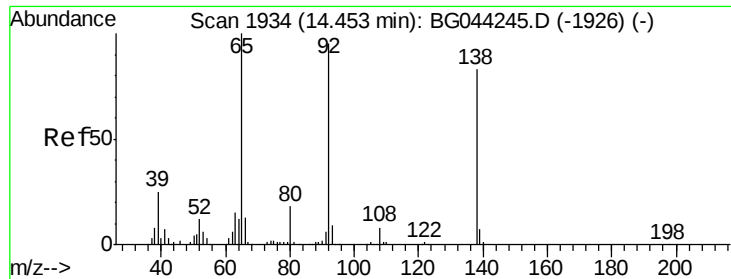
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#52
Acenaphthene
Concen: 38.328 ng
RT: 14.60 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.5	87.9	131.9
152	52.8	43.1	64.7





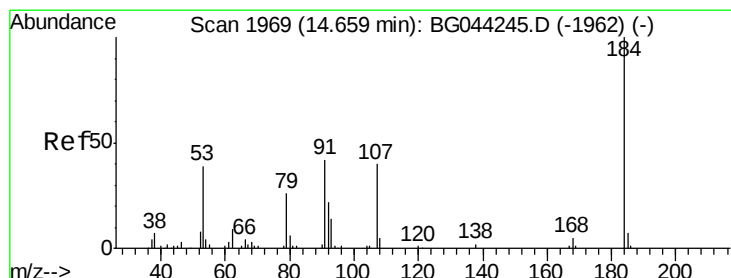
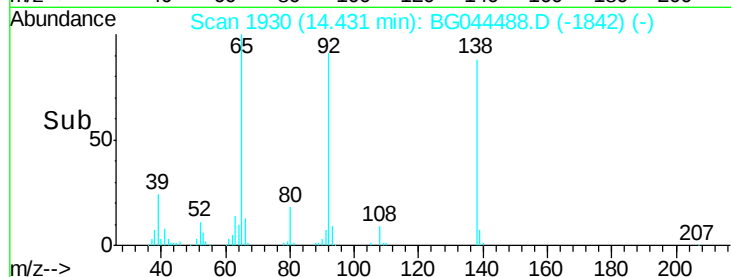
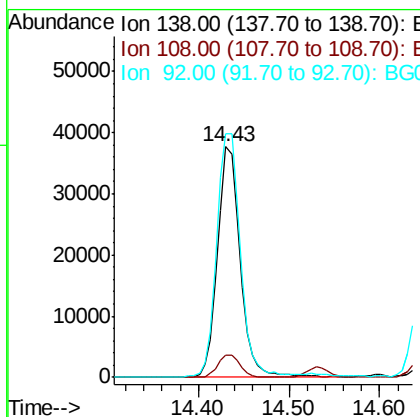
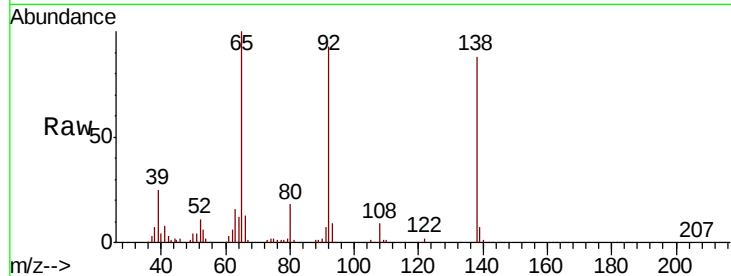
#53
 3-Nitroaniline
 Concen: 24.322 ng
 RT: 14.43 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB126845BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.9	11.9
92	105.6	91.0	136.4

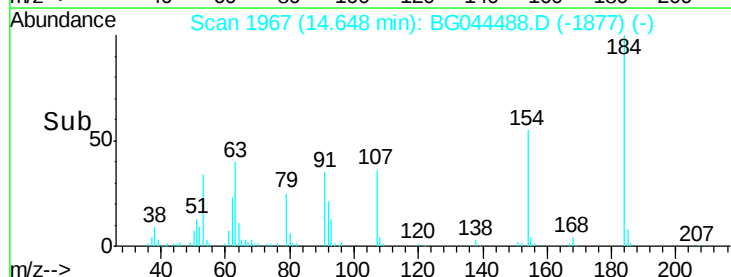
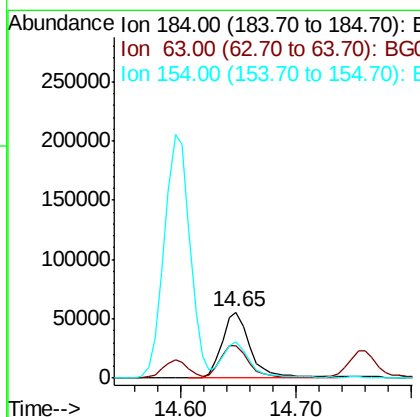
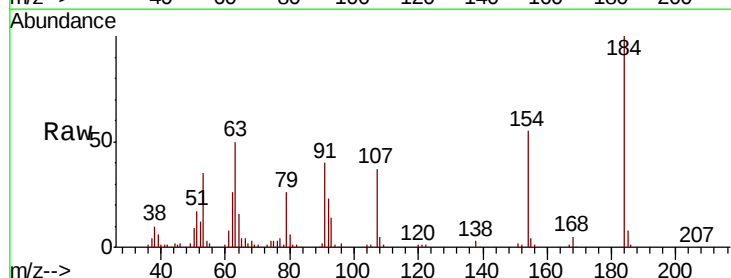
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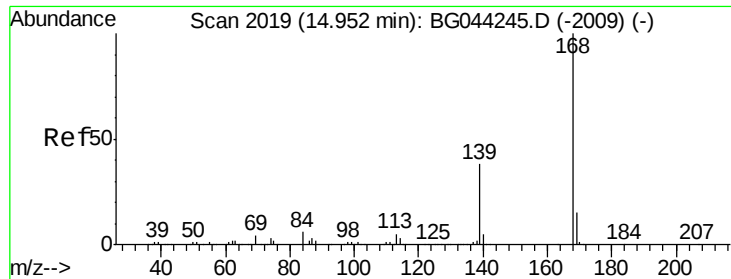
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 67.741 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.8	44.1	66.1
154	55.5	45.4	68.0





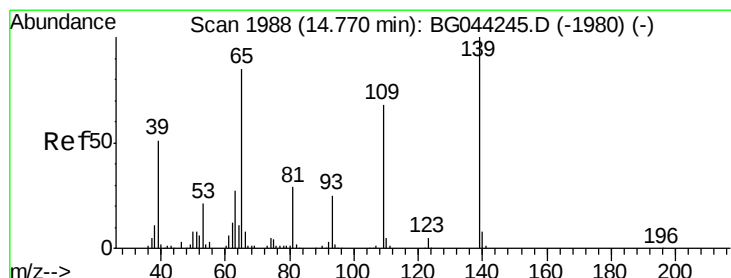
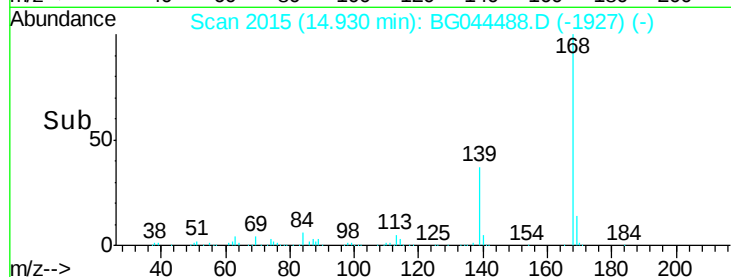
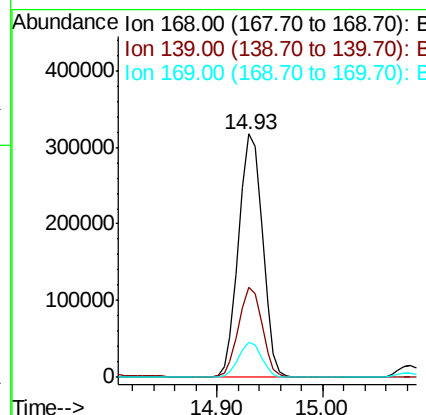
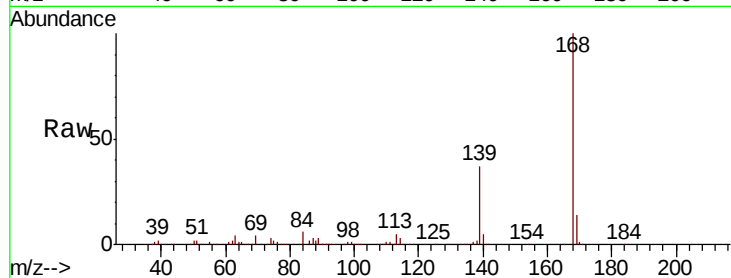
#55
Dibenzofuran
Concen: 39.723 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB126845BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.5	45.7
169	14.2	11.7	17.5

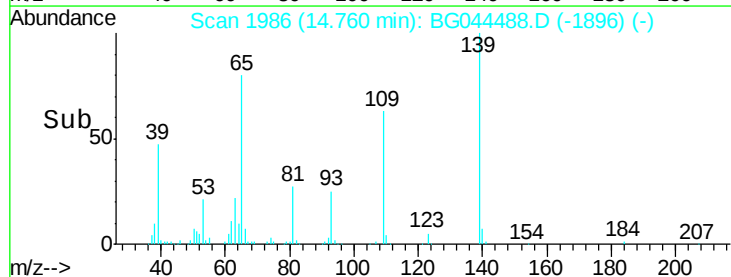
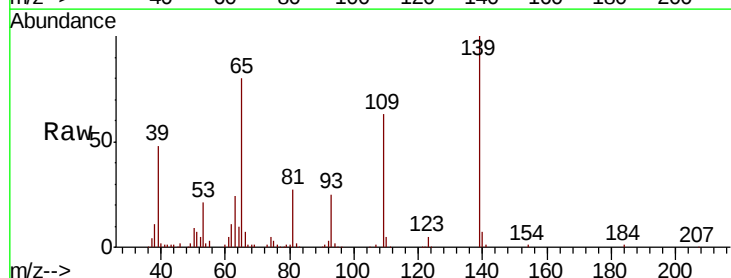
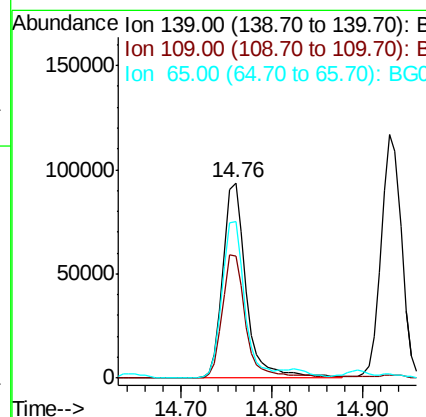
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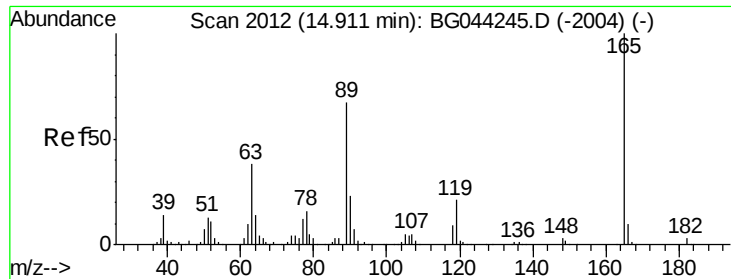
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#56
4-Nitrophenol
Concen: 85.239 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.5	47.5	87.5
65	80.1	64.9	104.9





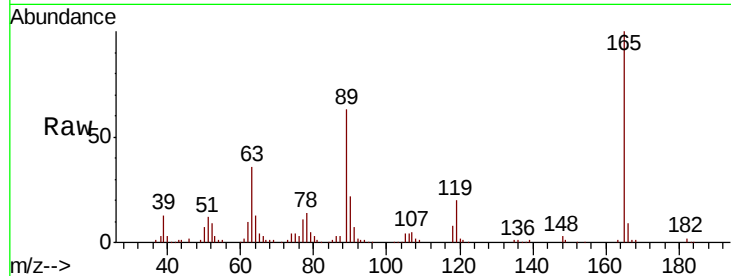
#57
2,4-Dinitrotoluene
Concen: 38.774 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB126845BS

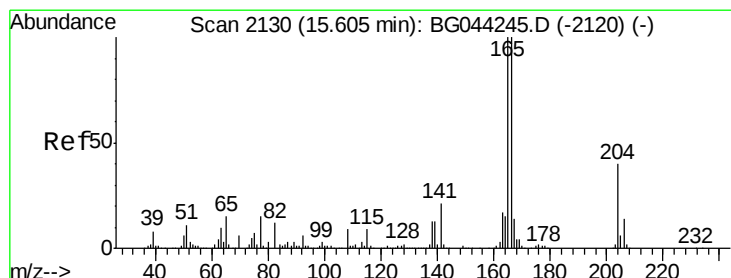
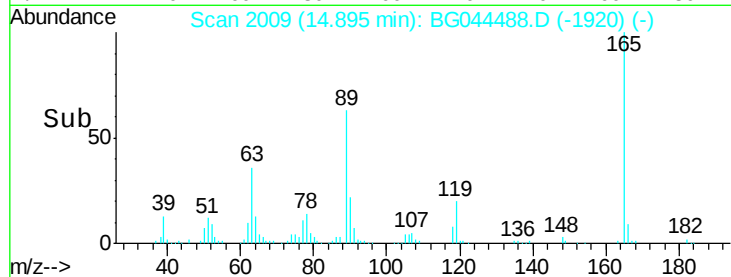
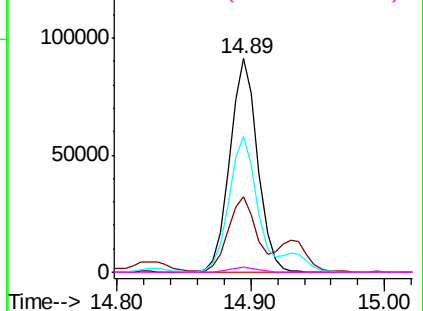
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	35.5	30.3	45.5
89	63.4	53.4	80.2
182	2.3	2.1	3.1

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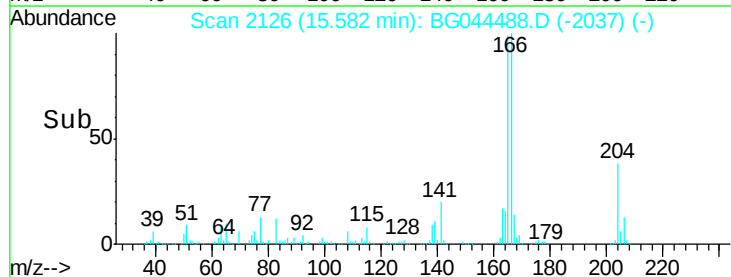
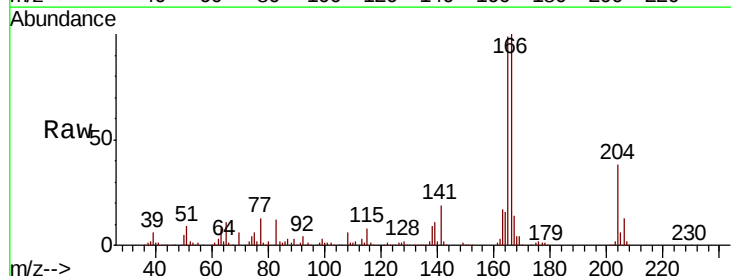
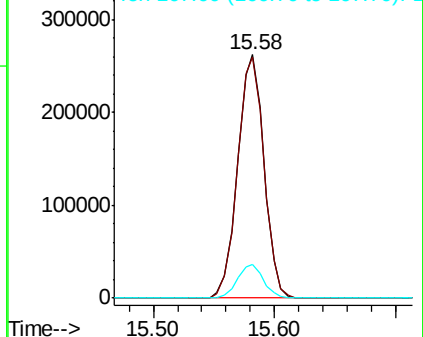
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

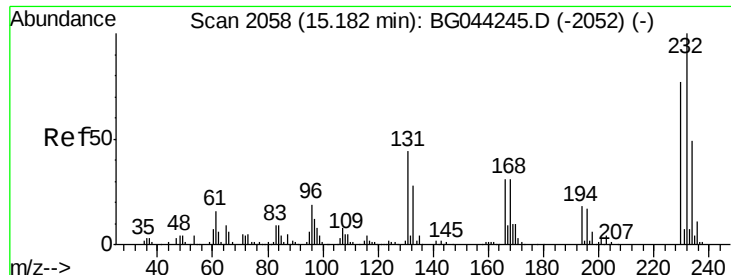


#58
Fluorene
Concen: 40.226 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.8	79.9	119.9
167	13.8	11.4	17.0

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





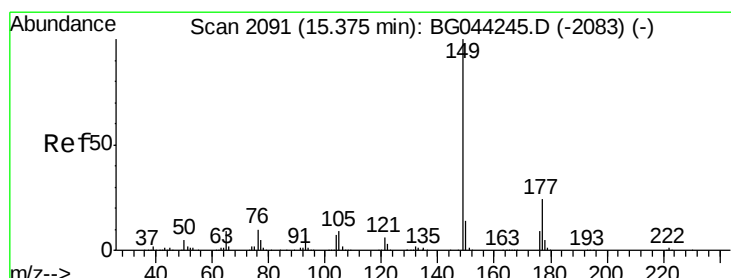
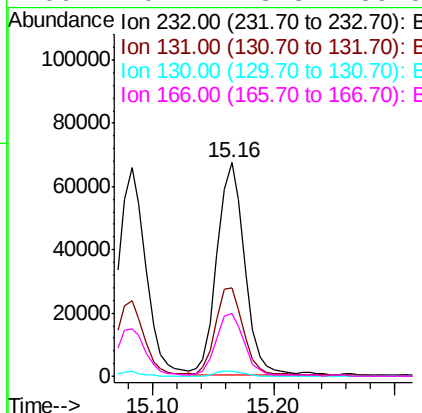
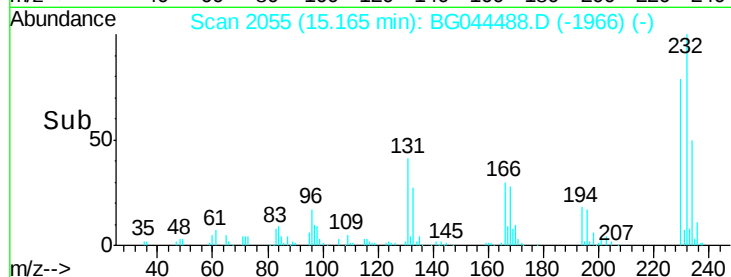
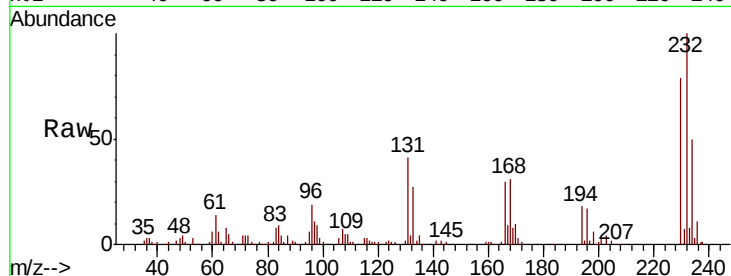
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.445 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampled :
PB126845BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	106781		
131	42.1		34.2	51.4
130	2.3		1.8	2.8
166	29.2		23.8	35.8

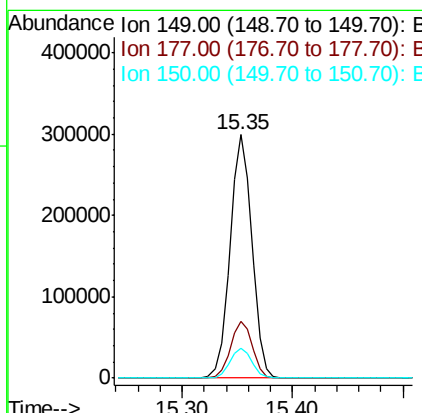
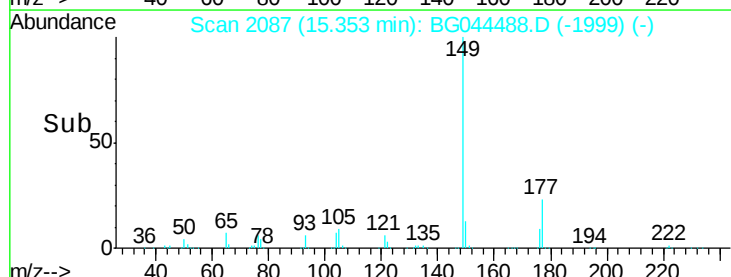
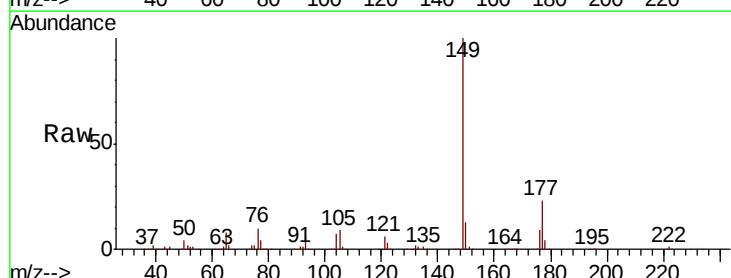
Manual Integrations
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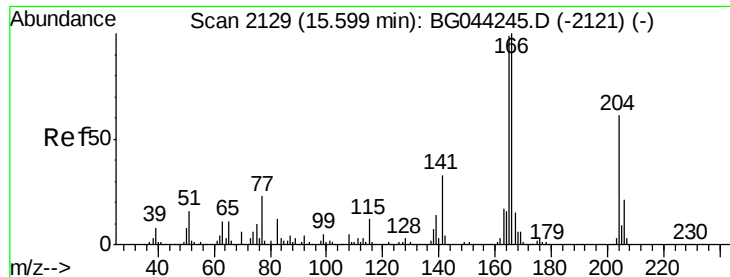
mohammad
2/20/2020 3:11:35 PM



#60
Diethylphthalate
Concen: 38.182 ng
RT: 15.35 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	415027		
177	23.3		19.4	29.0
150	12.5		10.9	16.3





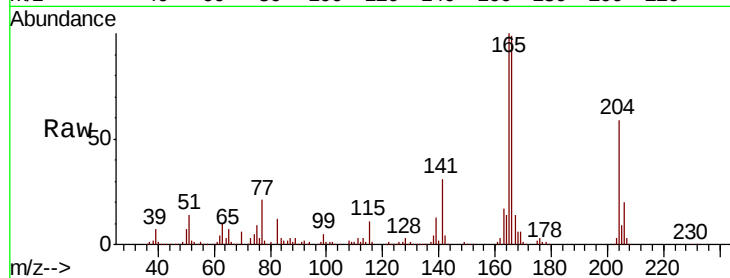
#61
4-Chlorophenyl-phenylether
Concen: 38.053 ng
RT: 15.58 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB126845BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	203752		
206	34.6	27.6	41.4	
141	53.0	43.4	65.0	

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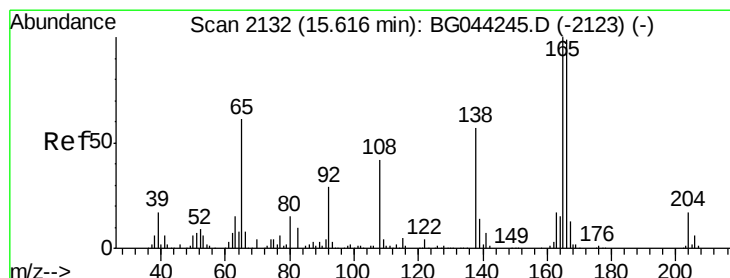
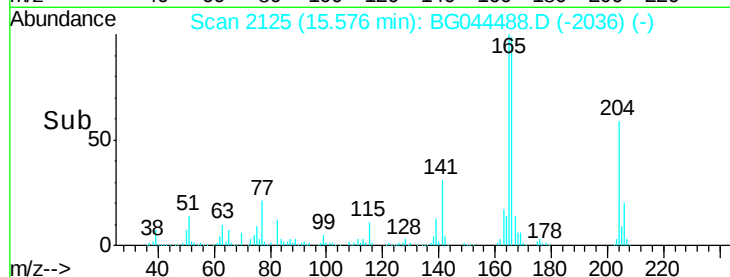
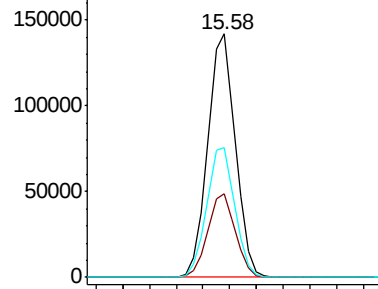


Abundance

Ion 204.00 (203.70 to 204.70): E

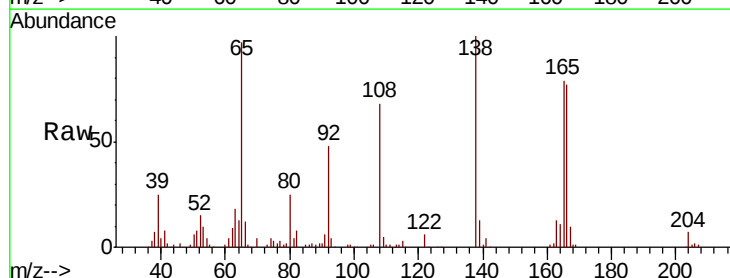
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 35.466 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	95364		
92	48.1	31.3	71.3	
108	68.3	52.6	92.6	

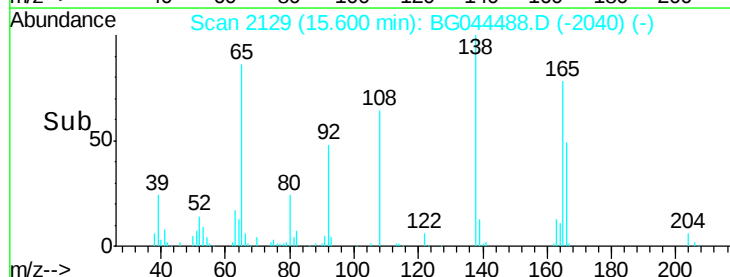
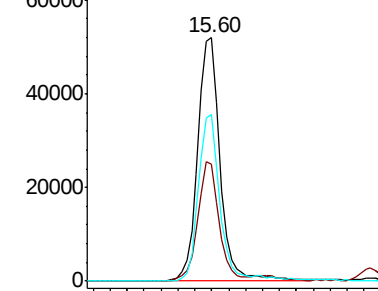


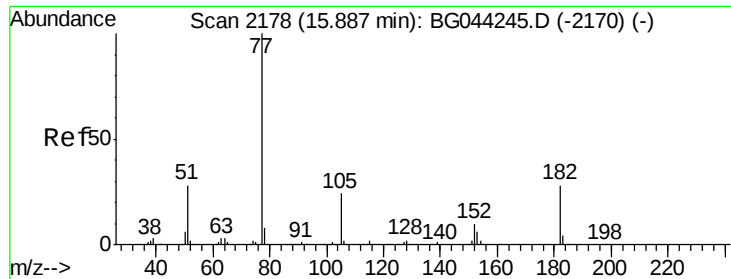
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





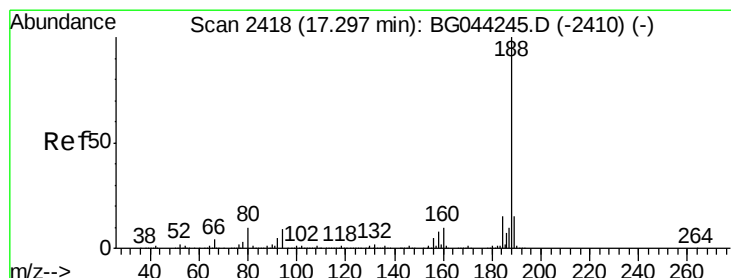
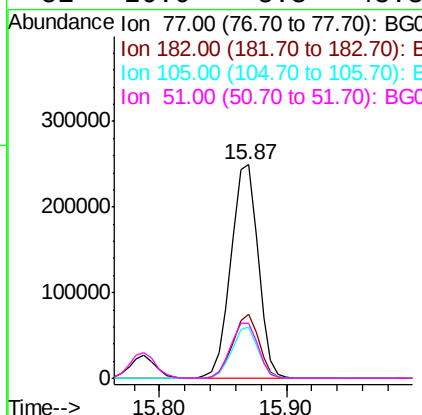
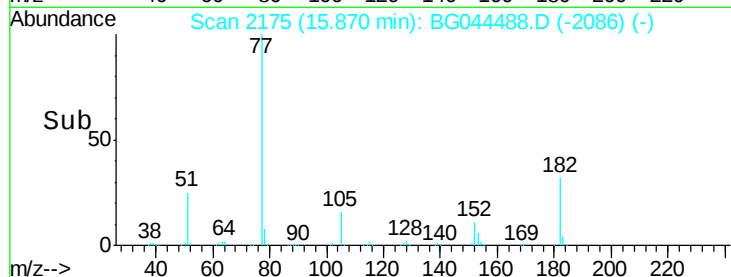
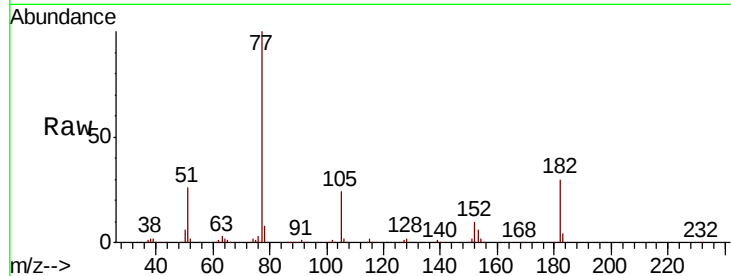
#63
Azobenzene
Concen: 38.760 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB126845BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.2	8.2	48.2
105	23.9	3.6	43.6
51	26.0	8.3	48.3

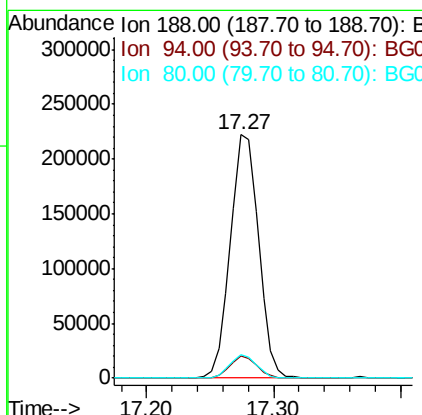
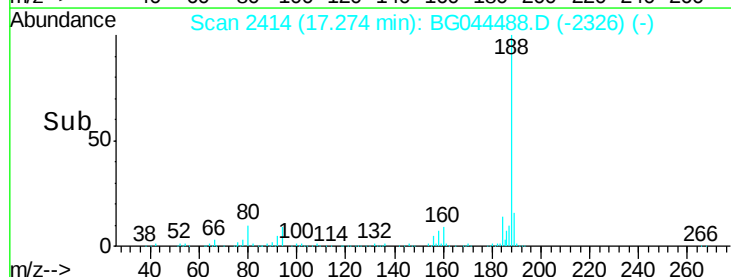
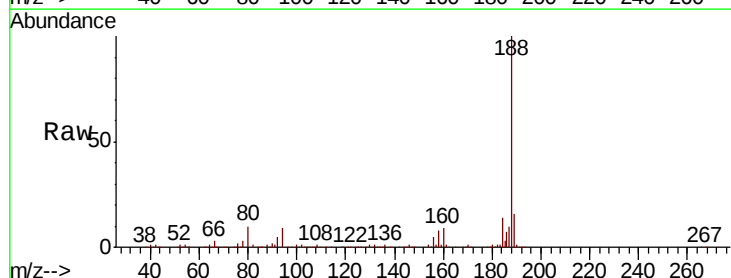
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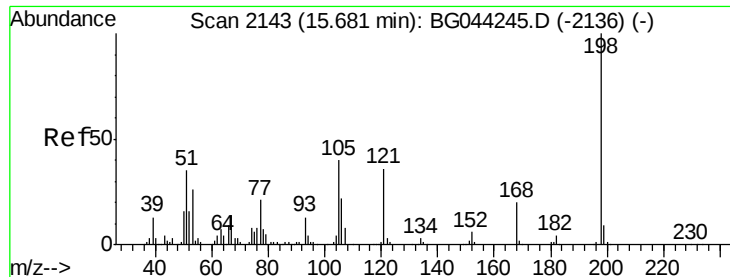
mohammad
2/20/2020 3:11:35 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.2
80	9.7	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 40.585 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB126845BS

Tot Ion:198 Resp: 76698

Ion Ratio Lower Upper

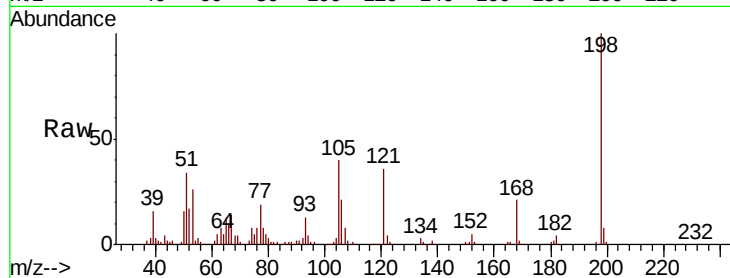
198 100

51 34.3 16.6 56.6

105 40.1 20.6 60.6

Manual Integrations
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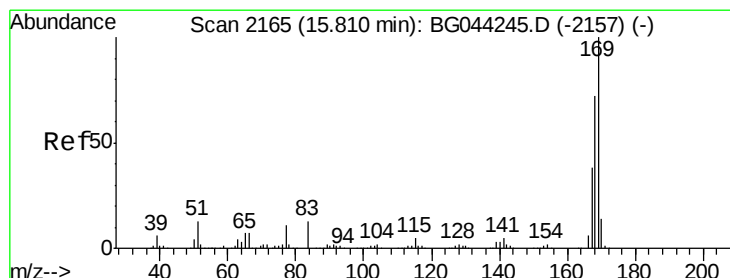
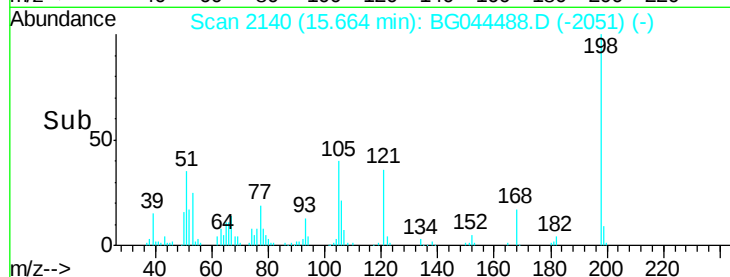
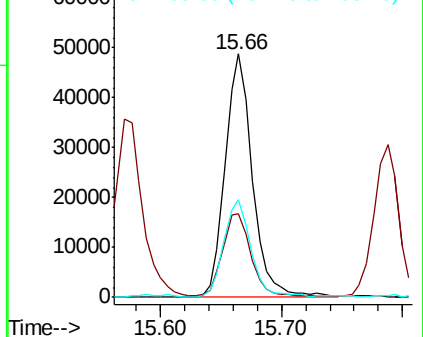
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.810 ng

RT: 15.79 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

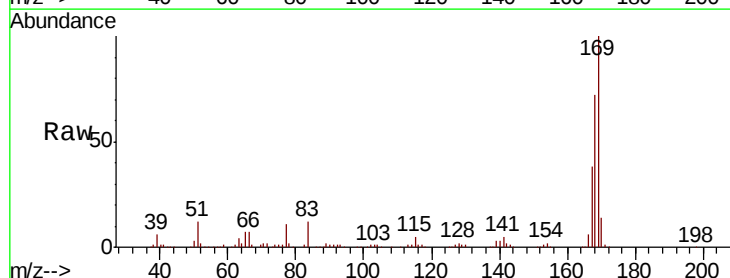
Tgt Ion:169 Resp: 362763

Ion Ratio Lower Upper

169 100

168 71.5 57.9 86.9

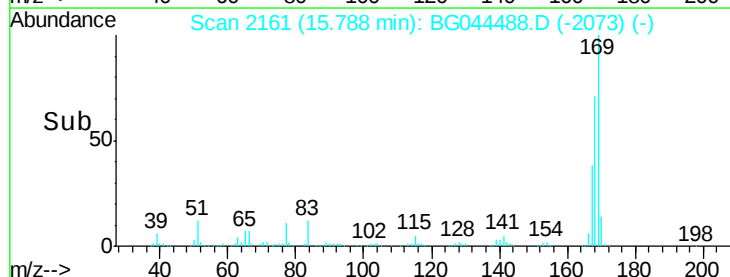
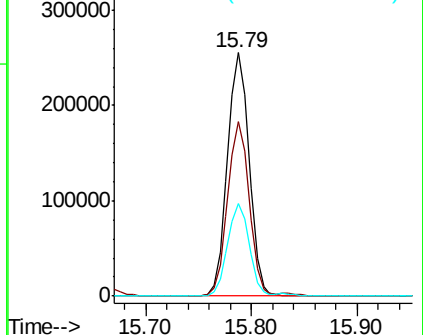
167 37.8 30.7 46.1

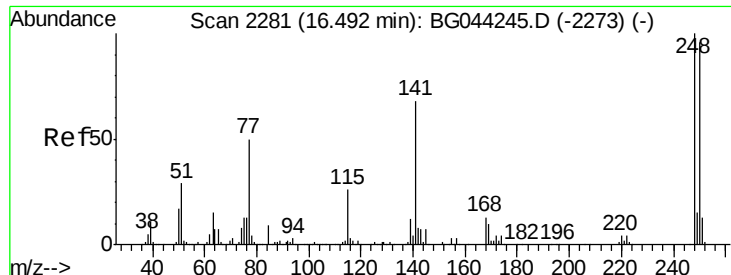


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





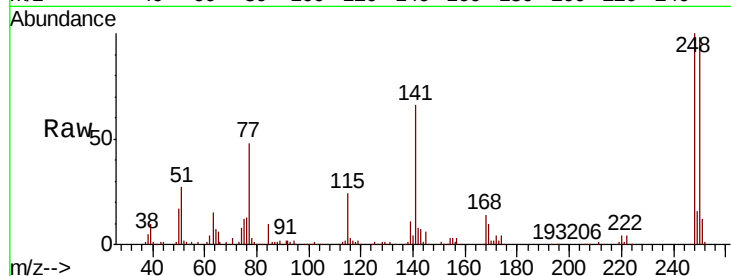
#67
 4-Bromophenyl-phenylether
 Concen: 35.858 ng
 RT: 16.47 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB126845BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.6	114.8
141	65.9	54.7	82.1

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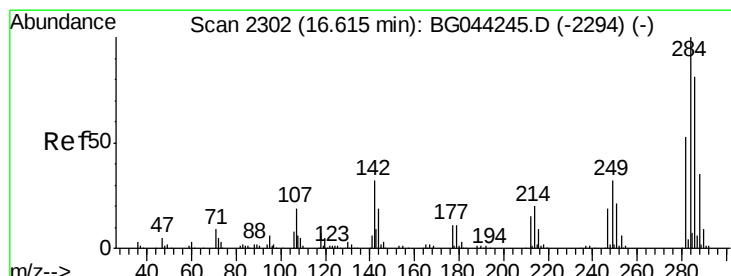
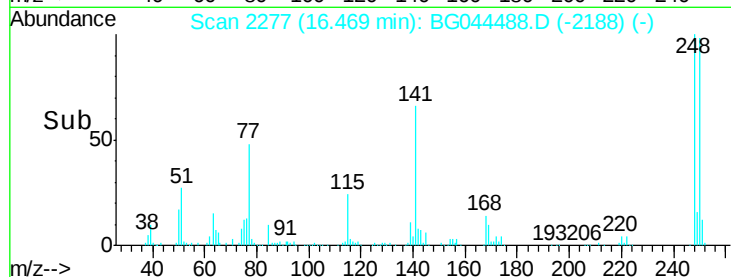
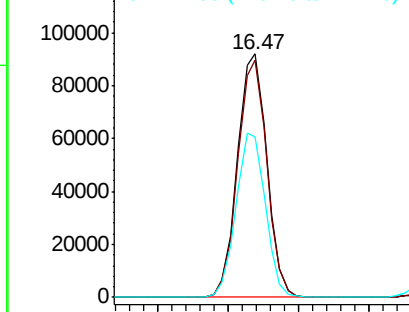


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 36.002 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

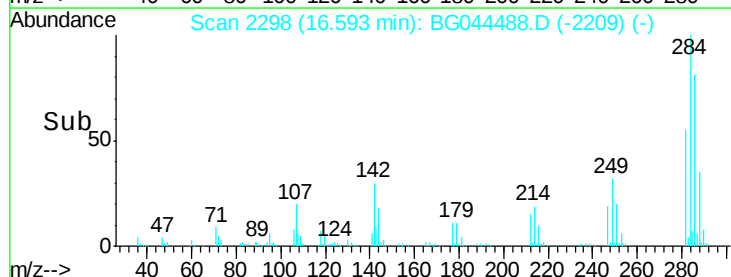
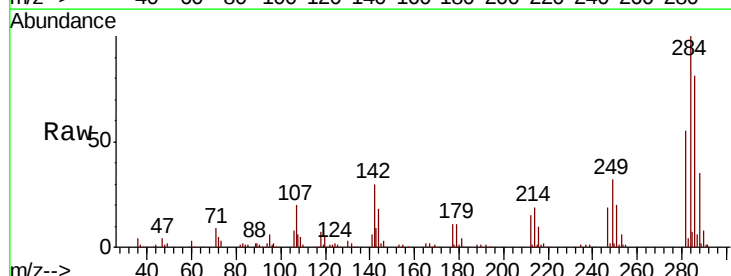
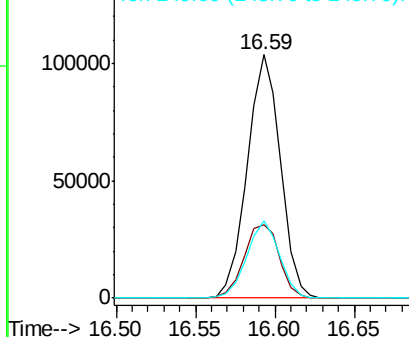
Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.2	25.3	37.9
249	31.5	25.5	38.3

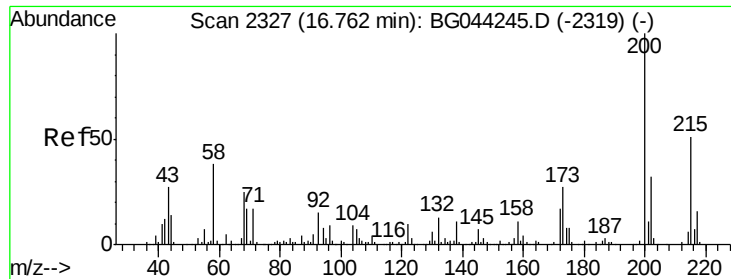
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





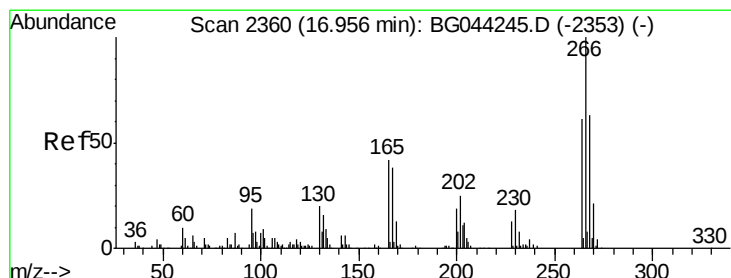
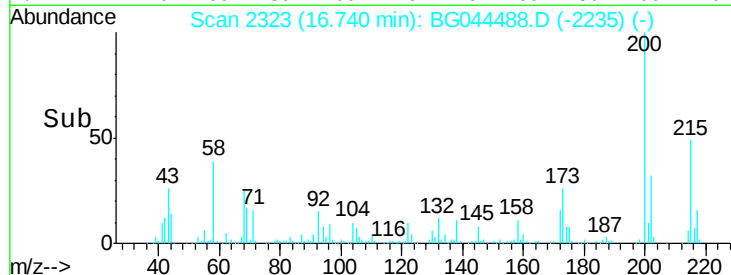
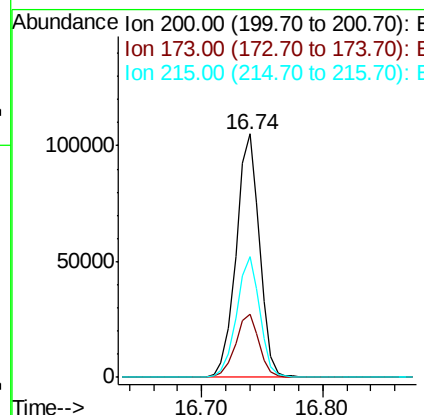
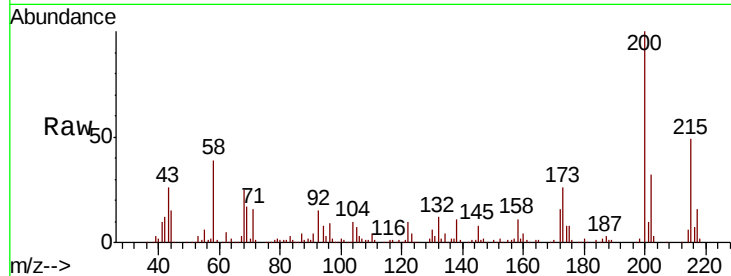
#69
 Atrazine
 Concen: 42.932 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB126845BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	141182		
173	26.1	6.6	46.6	
215	49.3	31.0	71.0	

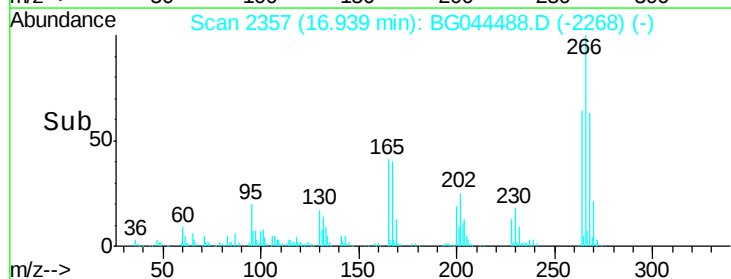
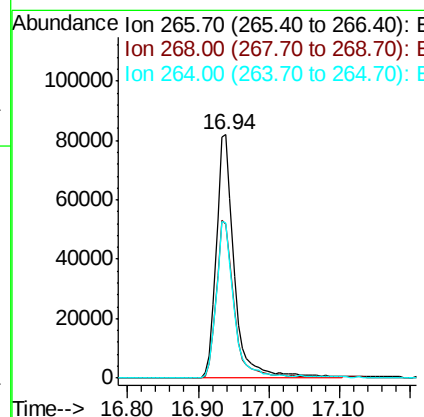
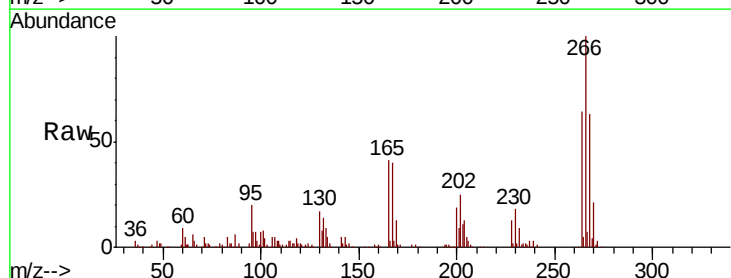
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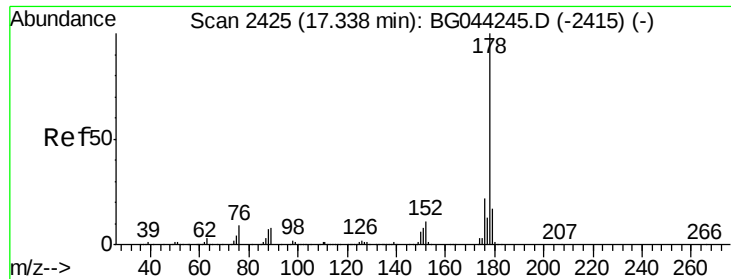
mohammad
 2/20/2020 3:11:35 PM



#70
 Pentachlorophenol
 Concen: 70.346 ng
 RT: 16.94 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	147816		
268	63.5	50.6	75.8	
264	64.0	48.7	73.1	





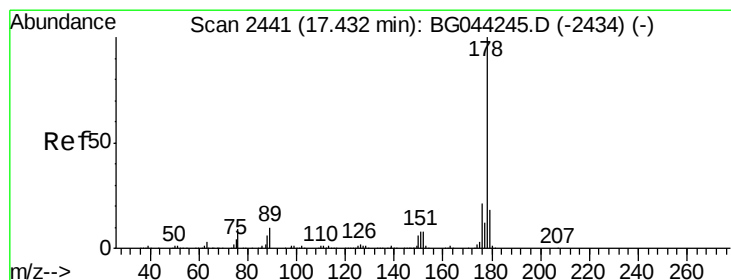
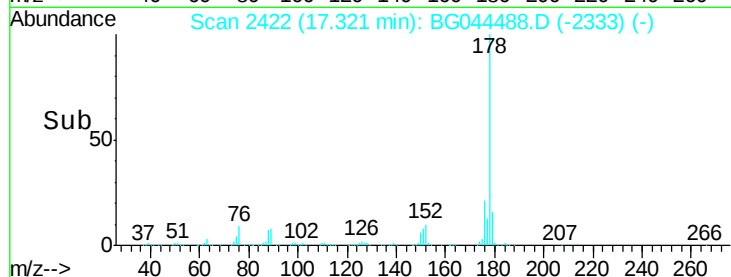
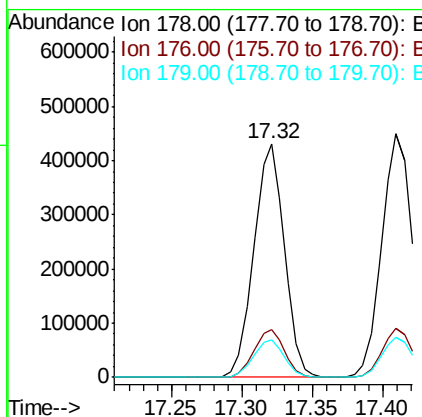
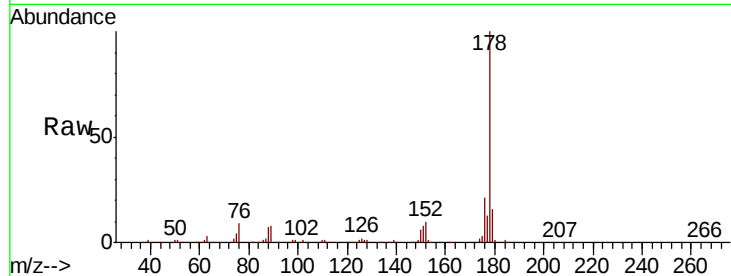
#71
Phenanthrene
Concen: 39.528 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB126845BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	17.7	26.5
179	16.2	13.7	20.5

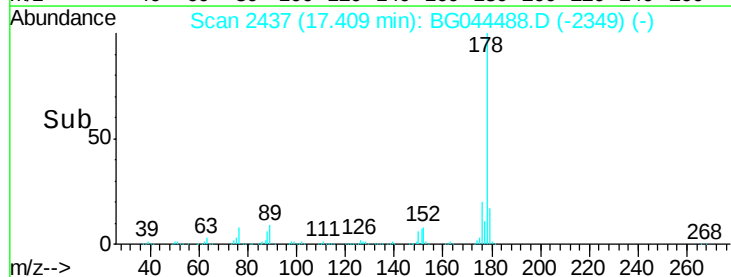
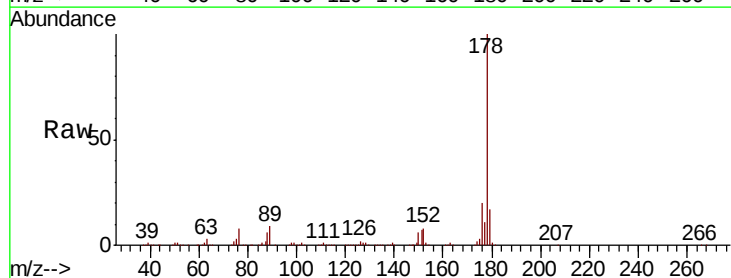
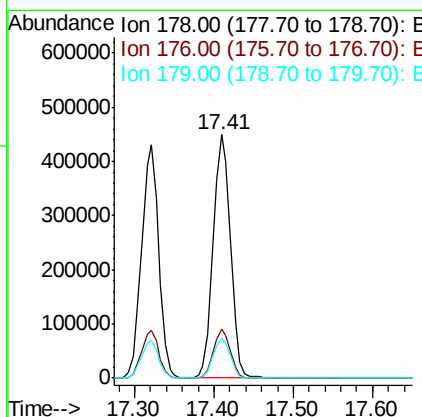
Manual Integrations
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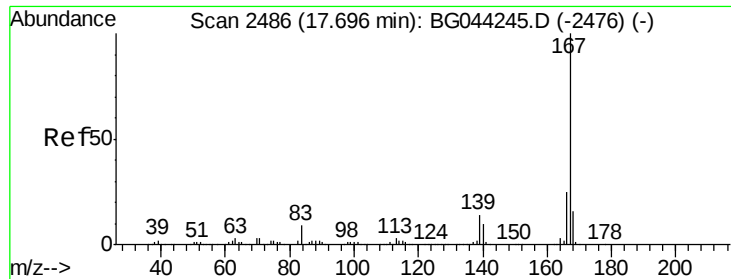
mohammad
2/20/2020 3:11:35 PM



#72
Anthracene
Concen: 41.404 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	17.0	25.4
179	16.6	14.4	21.6





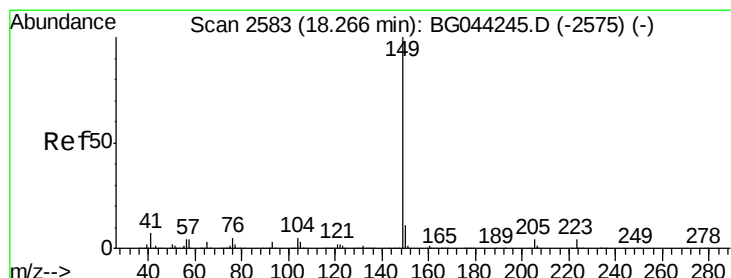
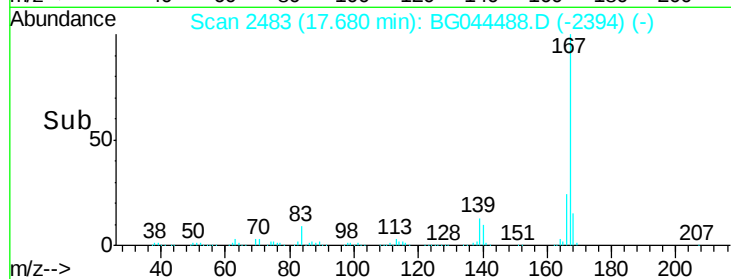
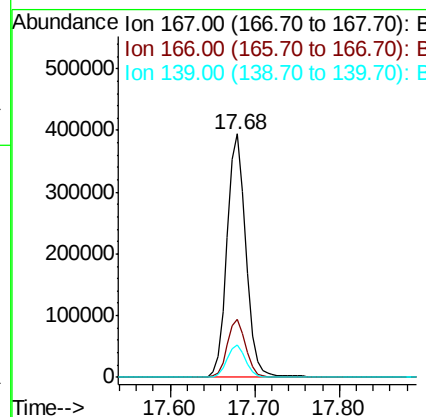
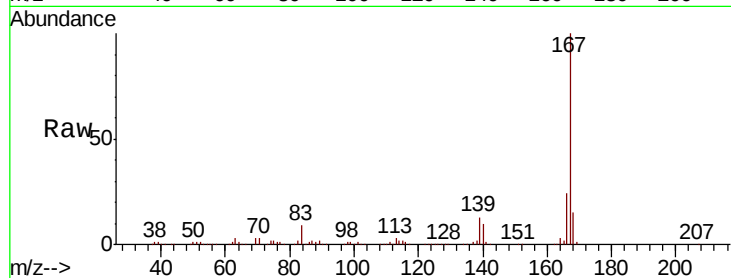
#73
 Carbazole
 Concen: 40.406 ng
 RT: 17.68 min Scan# 2483
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB126845BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		610519		
166	23.8		19.8	29.6	
139	13.3		11.1	16.7	

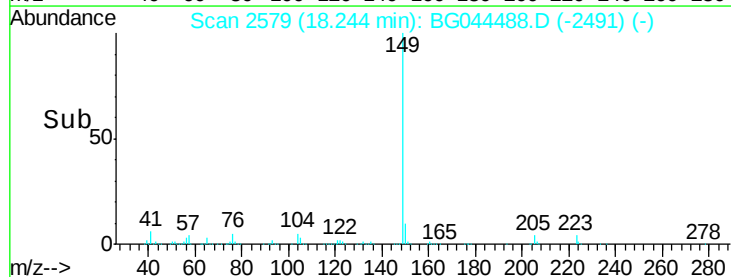
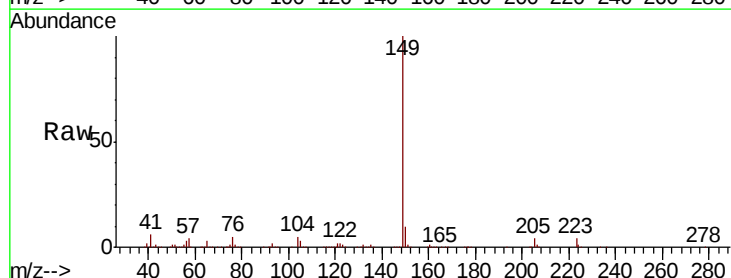
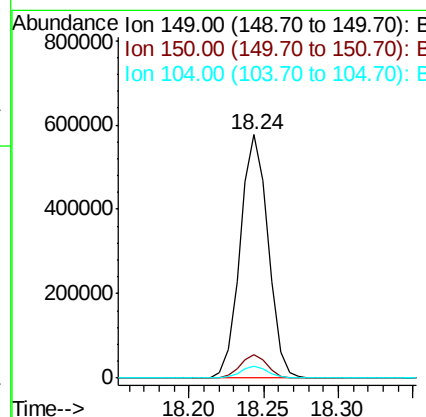
Manual Integrations
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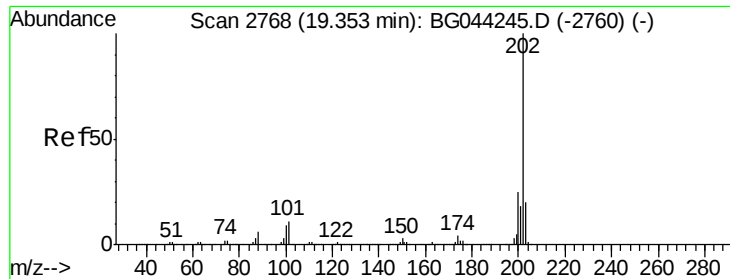
mohammad
 2/20/2020 3:11:35 PM



#74
 Di-n-butylphthalate
 Concen: 40.240 ng
 RT: 18.24 min Scan# 2579
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		751364		
150	9.8		8.7	13.1	
104	4.9		4.3	6.5	





#75

Fluoranthene

Concen: 41.498 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

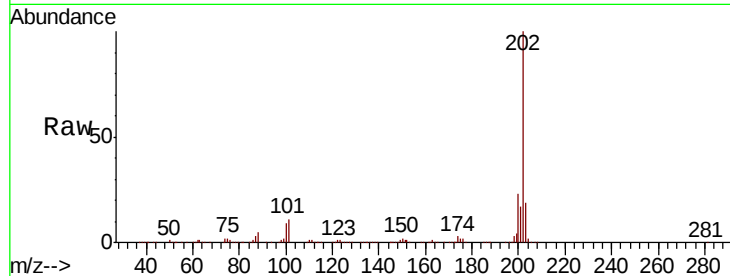
ClientSampleId :

PB126845BS

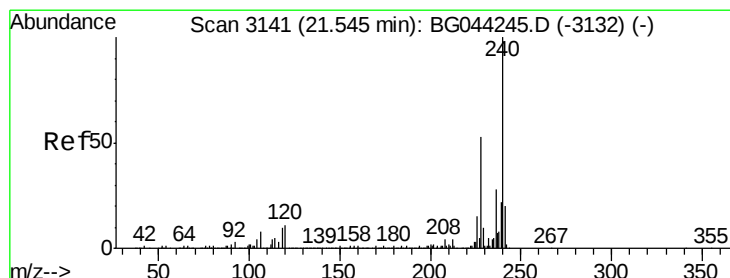
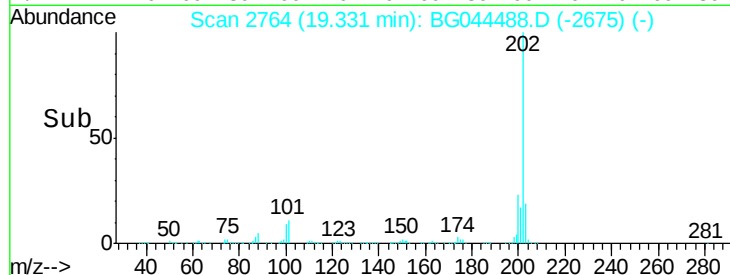
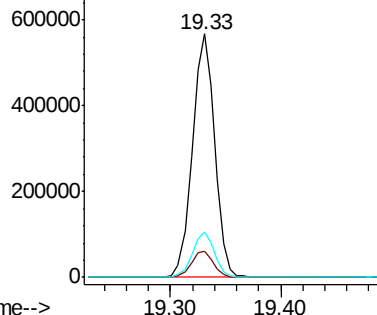
Tot Ion:	202	Resp:	795833
Ion Ratio		Lower	Upper
202	100		
101	10.8	0.0	31.3
203	18.7	0.0	39.9

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



#76

Chrysene-d12

Concen: 20.000 ng

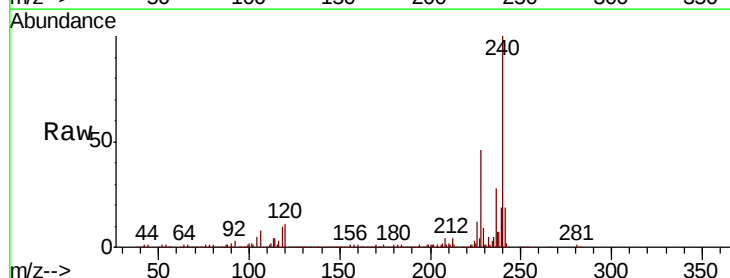
RT: 21.52 min Scan# 3137

Delta R.T. -0.01 min

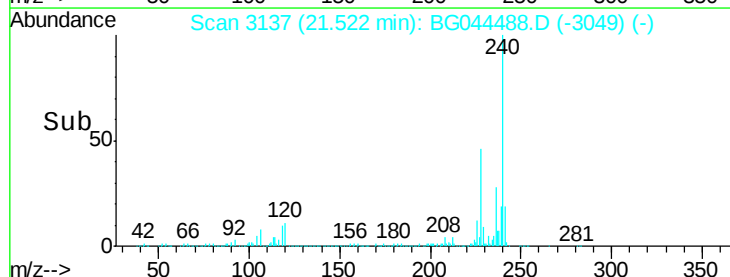
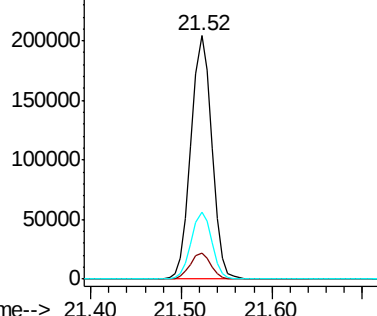
Lab File: BG044488.D

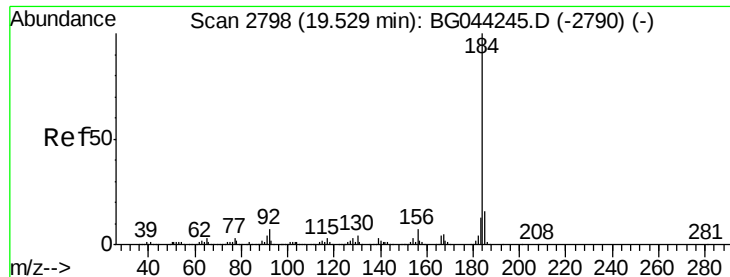
Acq: 19 Feb 2020 13:30

Tgt Ion:	240	Resp:	327903
Ion Ratio		Lower	Upper
240	100		
120	10.9	8.4	12.6
236	27.6	22.1	33.1



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





#77

Benzidine

Concen: 33.479 ng

RT: 19.51 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

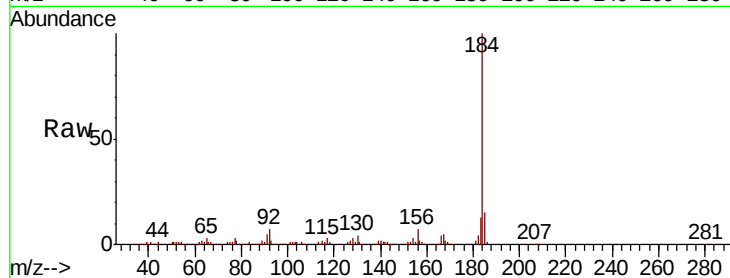
ClientSampleId :

PB126845BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.9	19.3
183	12.5	10.8	16.2

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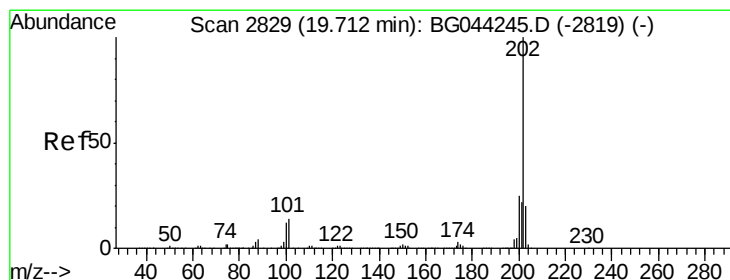
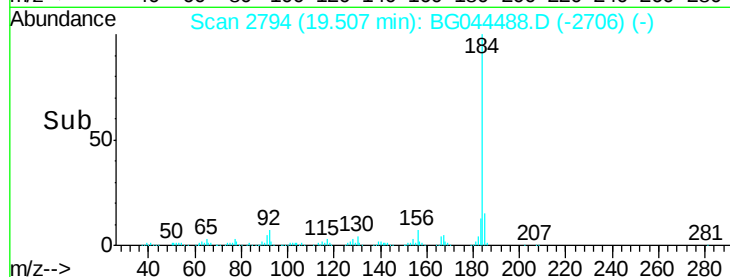
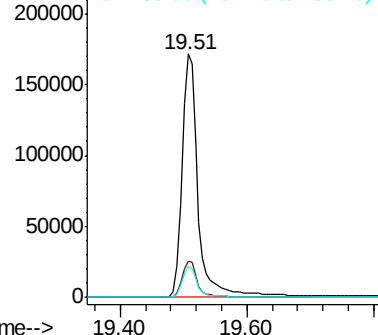


Abundance

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: 38.223 ng

RT: 19.69 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

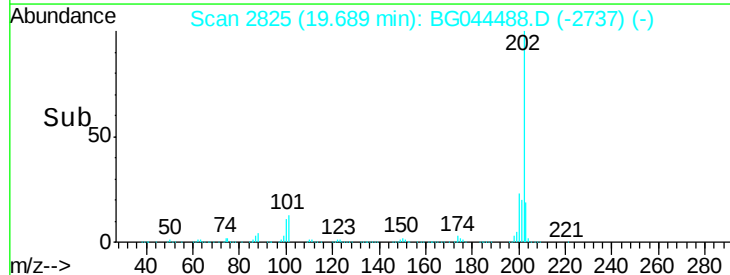
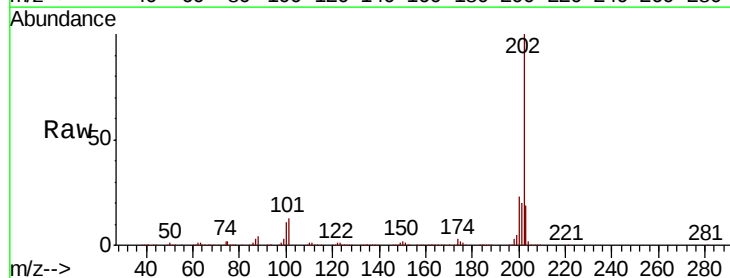
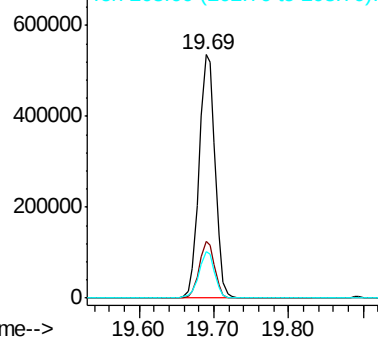
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.1	20.0	30.0
203	19.0	16.2	24.2

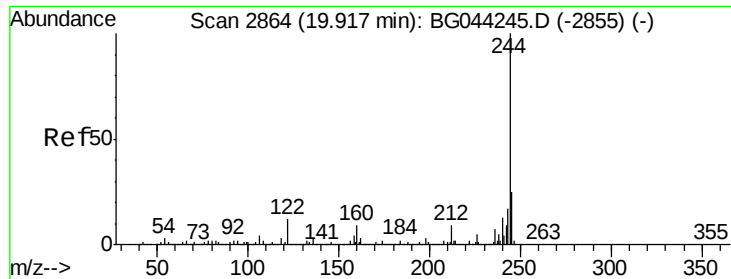
Abundance

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





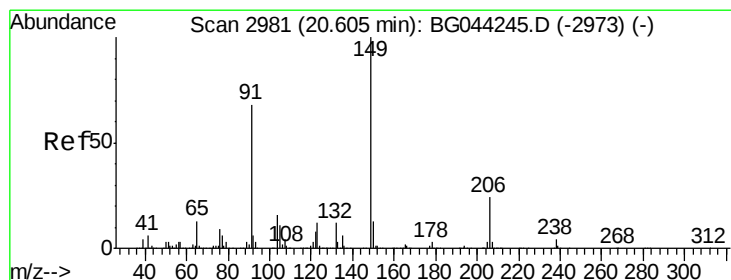
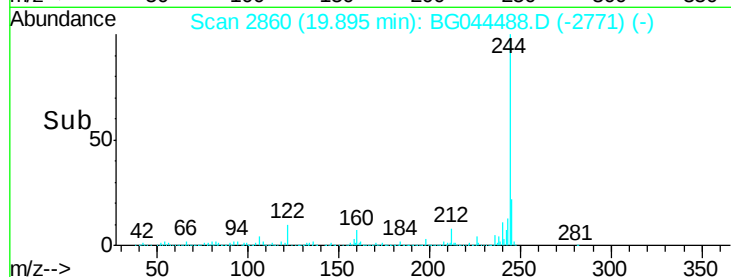
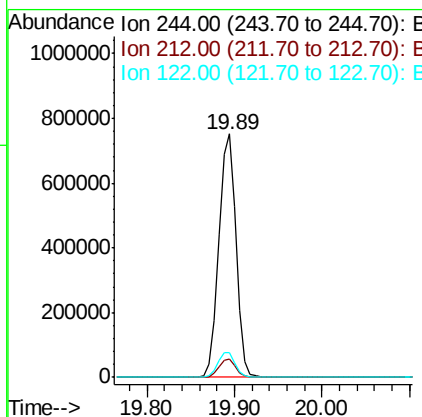
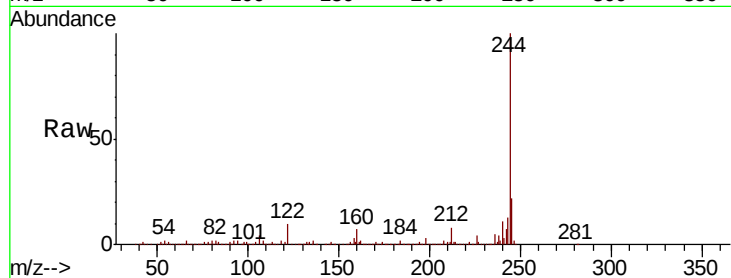
#79
 Terphenyl-d14
 Concen: 64.469 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB126845BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.4	11.2
122	10.2	9.8	14.6

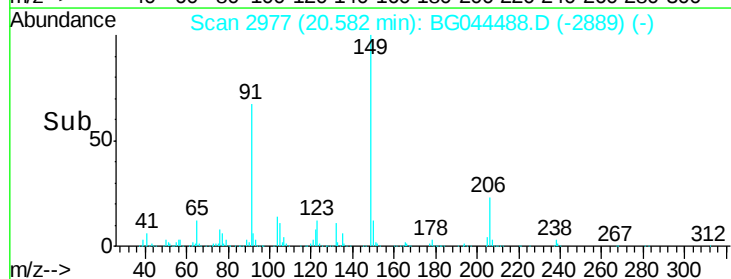
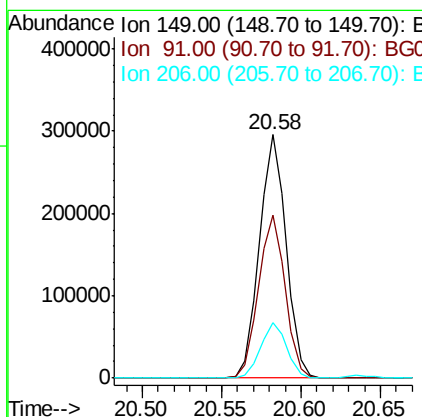
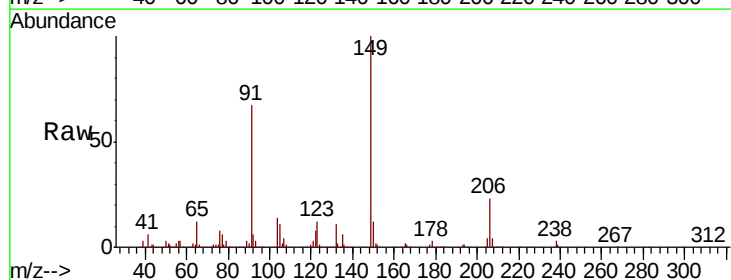
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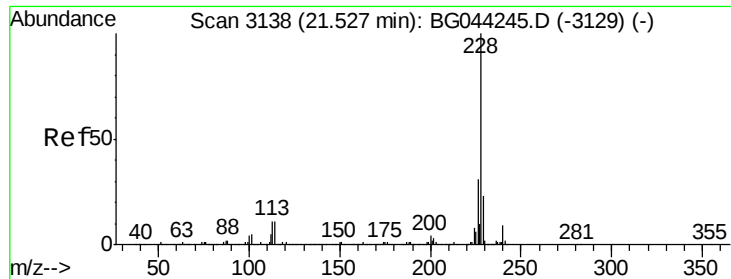
mohammad
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#80
 Butylbenzylphthalate
 Concen: 36.360 ng
 RT: 20.58 min Scan# 2977
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.1	54.5	81.7
206	22.8	19.1	28.7





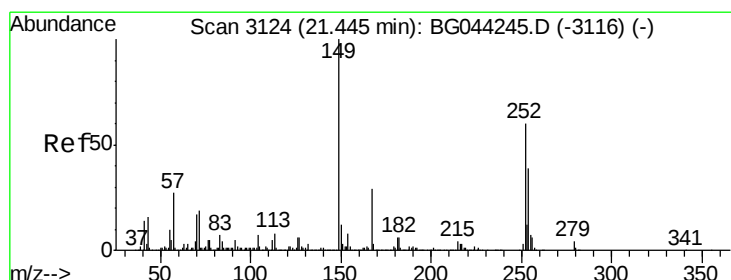
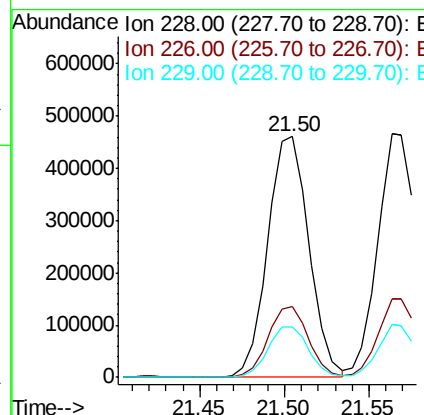
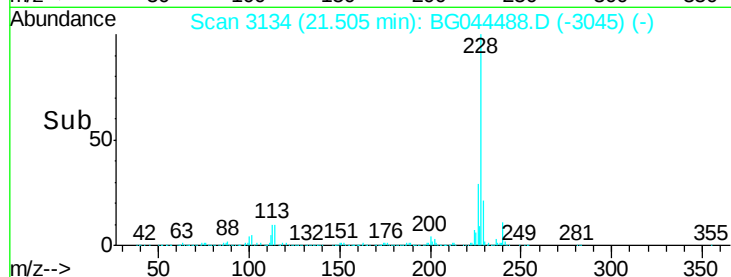
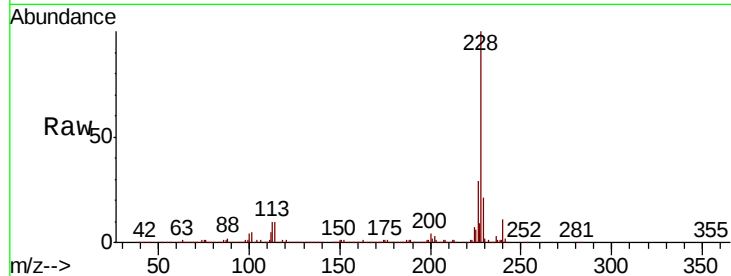
#81
Benzo(a)anthracene
Concen: 38.649 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB126845BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.7	37.1
229	21.0	18.2	27.4

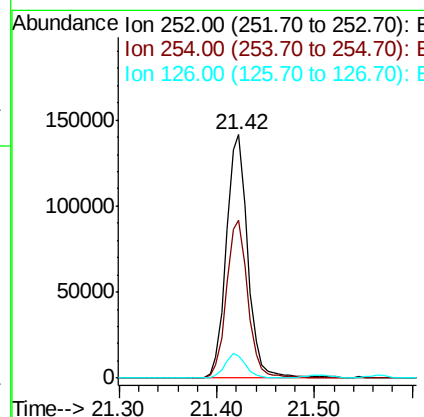
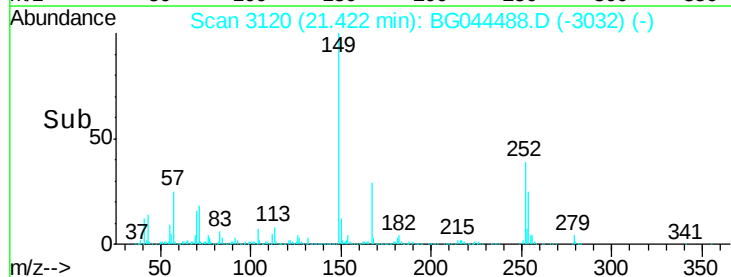
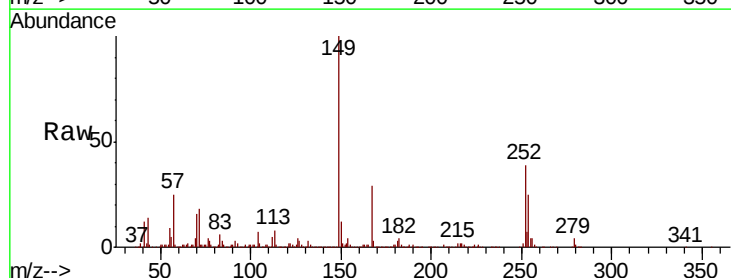
Manual Integrations
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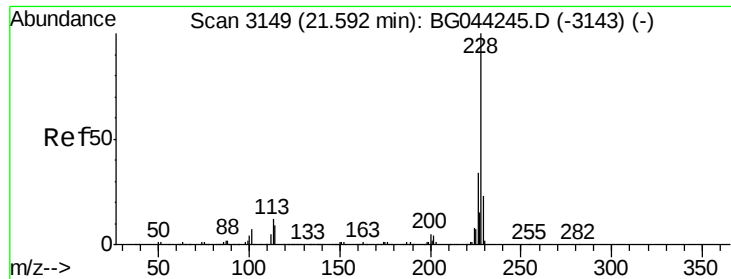
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 27.612 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.6	78.8
126	9.3	8.2	12.4





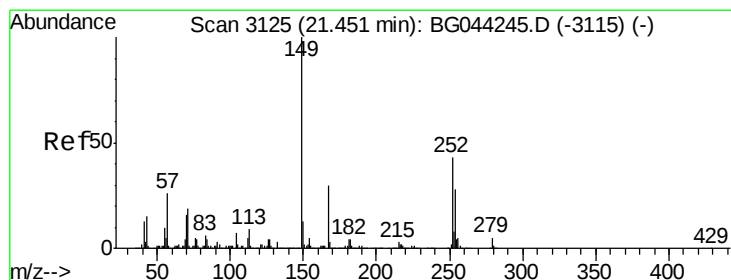
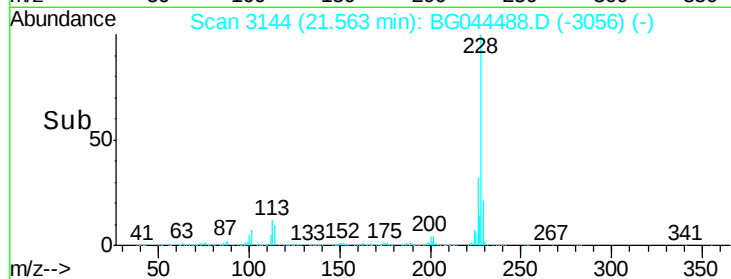
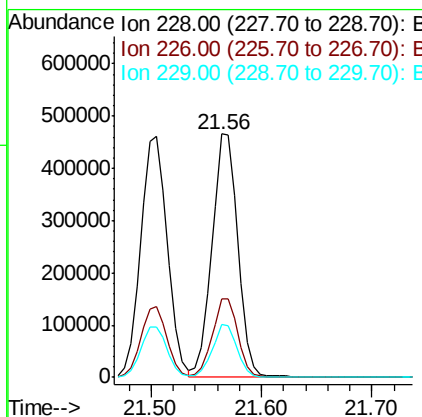
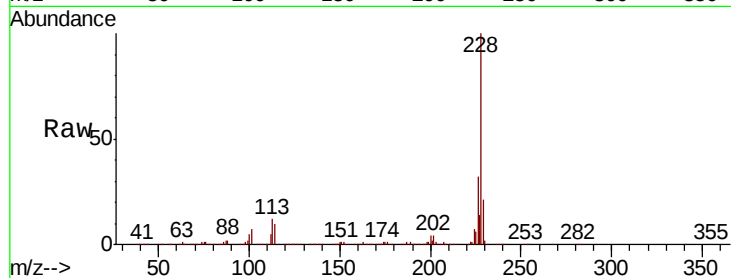
#83
Chrysene
Concen: 38.365 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB126845BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	27.1	40.7
229	21.5	17.9	26.9

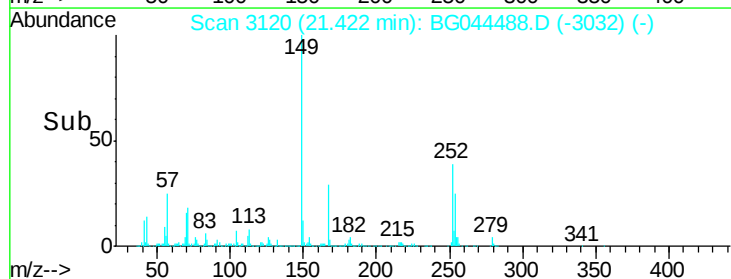
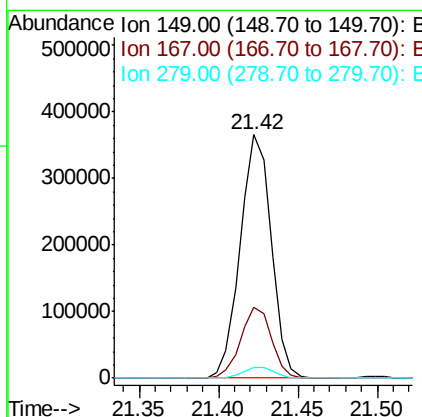
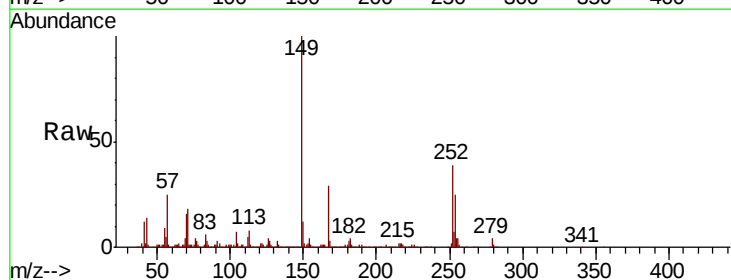
Manual Integrations
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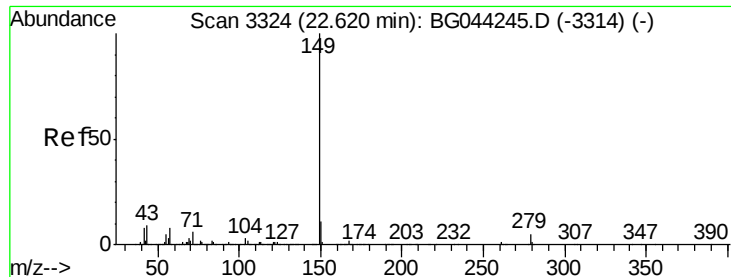
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.521 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	24.0	36.0
279	4.3	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 39.155 ng

RT: 22.59 min Scan# 3318

Delta R.T. -0.02 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

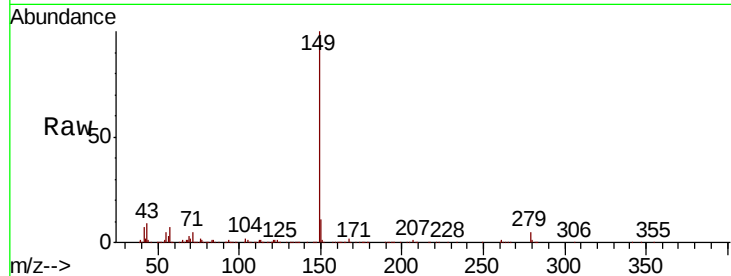
ClientSampleId :

PB126845BS

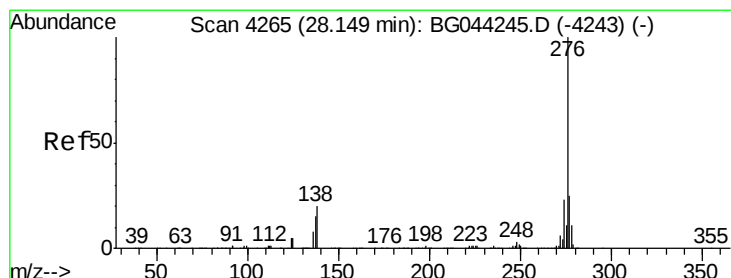
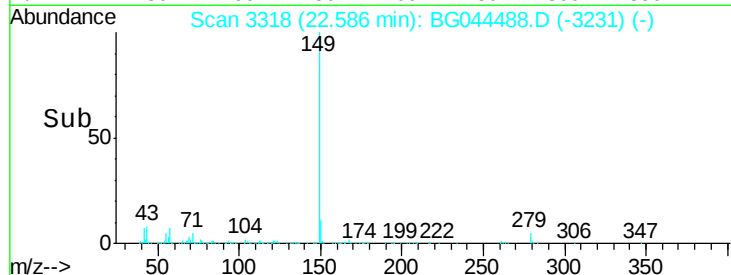
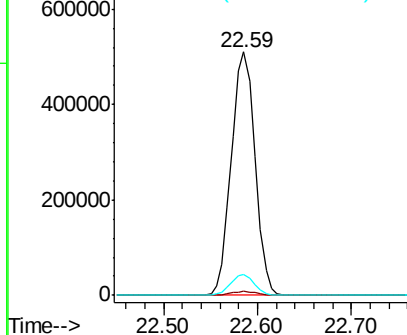
Tot Ion	Ratio	Resp	Lower	Upper
149	100	894851		
167	1.7		1.3	1.9
43	8.4		7.4	11.0

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.369 ng

RT: 28.09 min Scan# 4254

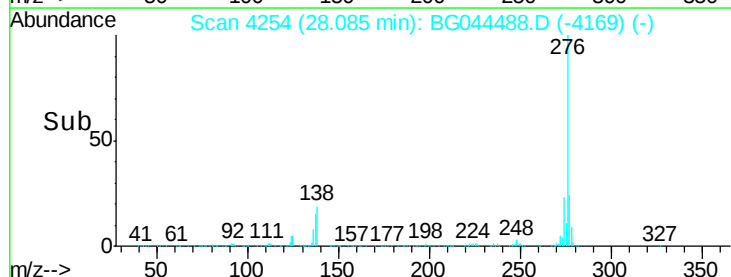
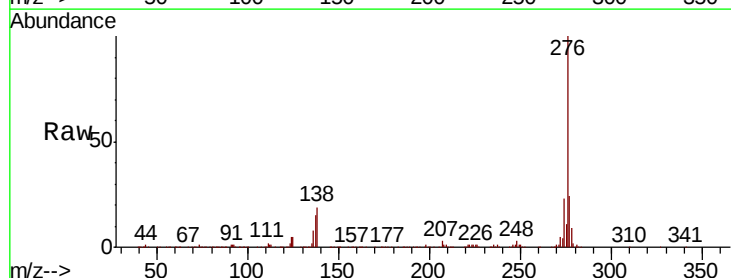
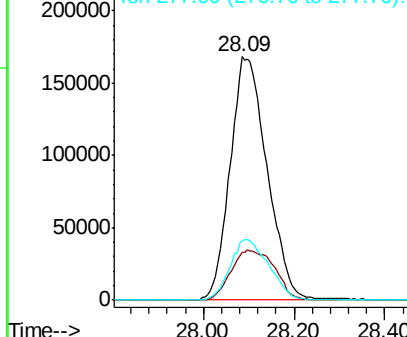
Delta R.T. -0.03 min

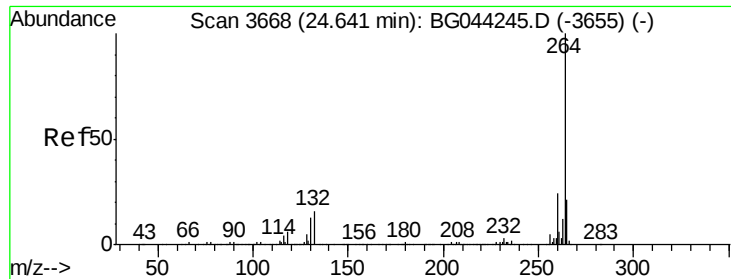
Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	952341		
138	24.3		19.4	29.0
277	26.1		21.0	31.6

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.60 min Scan# 3661

Delta R.T. -0.02 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

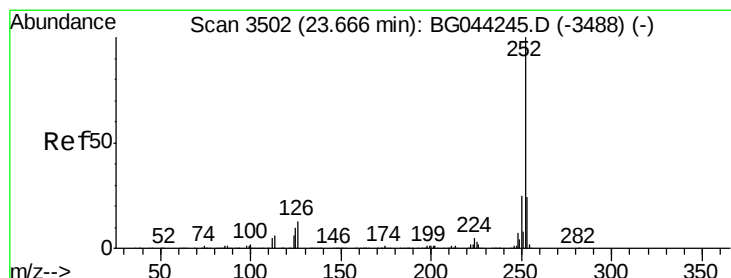
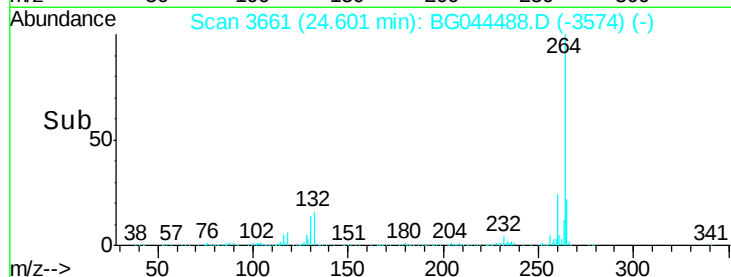
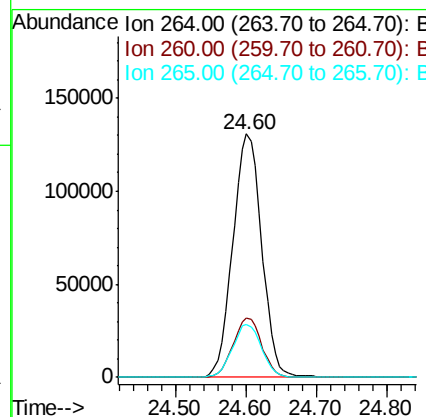
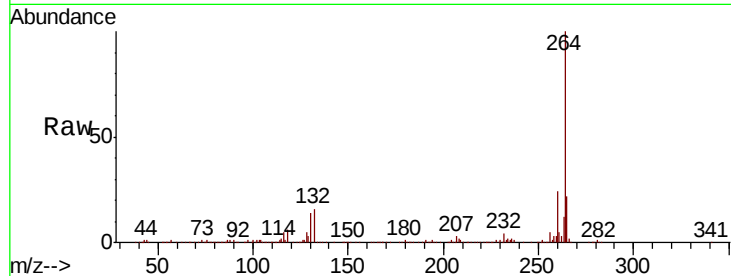
ClientSampleId :

PB126845BS

Tot Ion:	264	Resp:	371650
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.4	29.2
265	21.8	16.7	25.1

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 37.765 ng

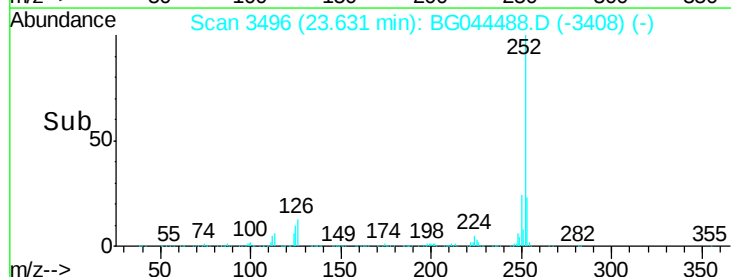
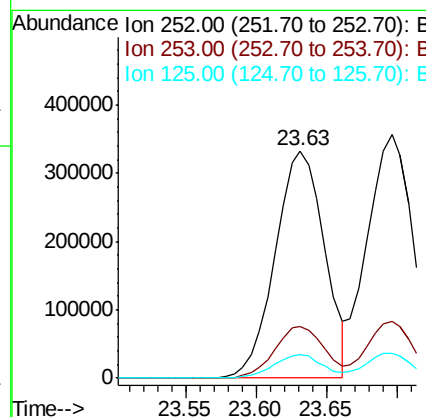
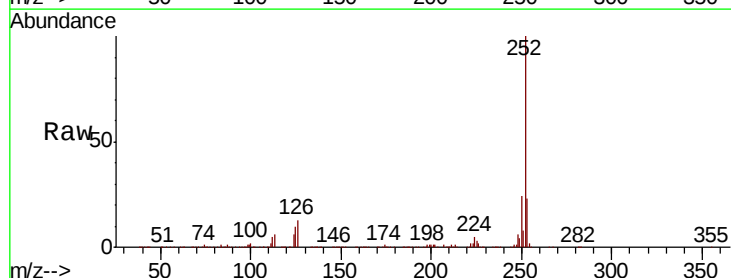
RT: 23.63 min Scan# 3496

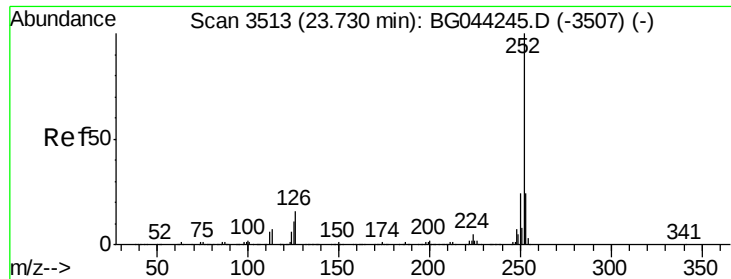
Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Tgt Ion:	252	Resp:	808760
Ion Ratio	Lower	Upper	
252	100		
253	22.9	19.2	28.8
125	10.1	8.4	12.6





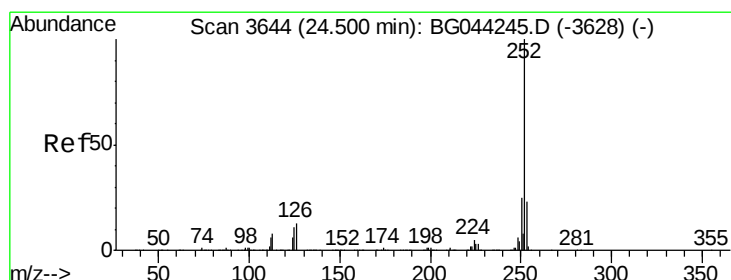
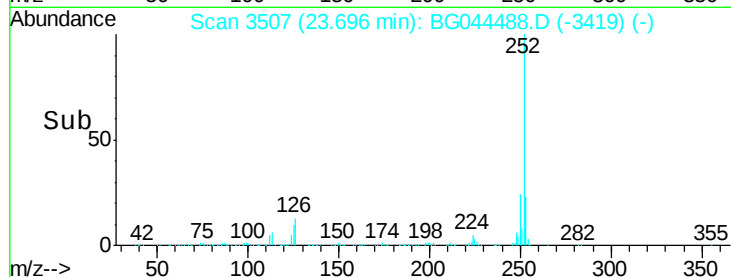
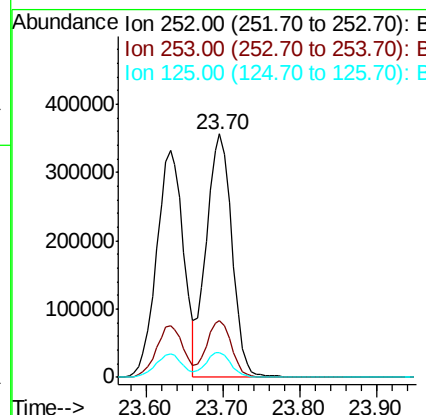
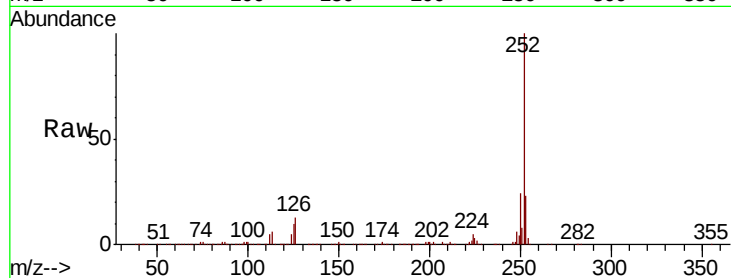
#89
Benzo(k)fluoranthene
Concen: 38.959 ng
RT: 23.70 min Scan# 3507
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB126845BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.1	28.7
125	10.1	8.6	12.8

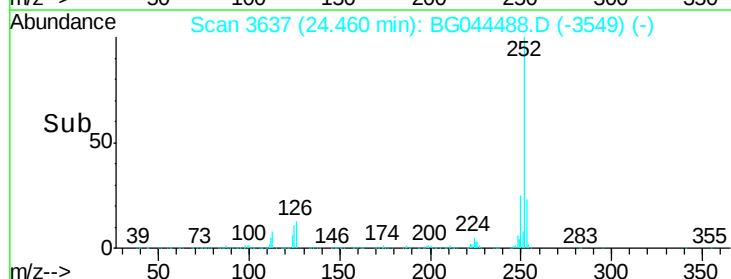
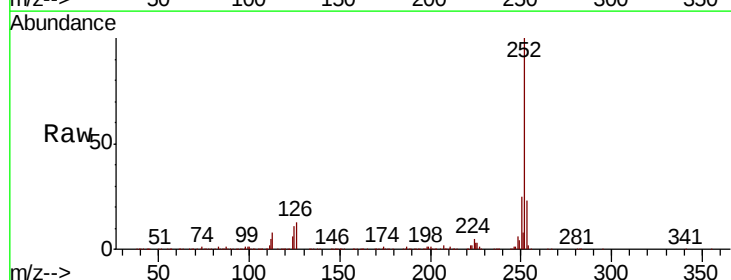
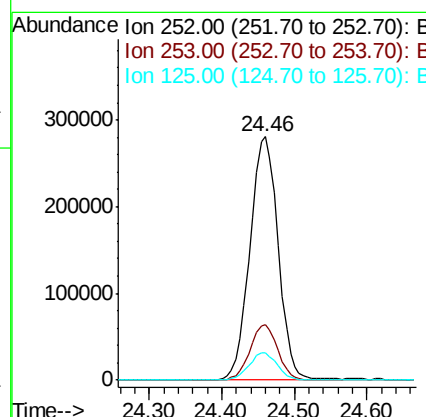
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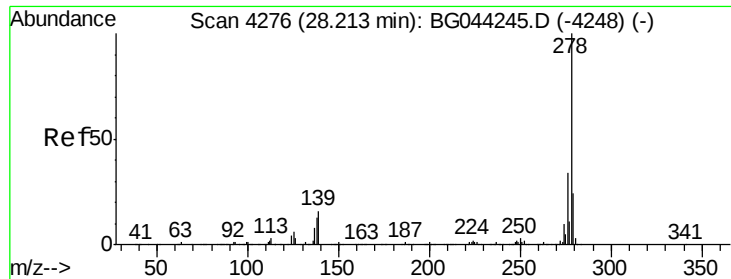
mohammad
2/20/2020 3:11:35 PM



#90
Benzo(a)pyrene
Concen: 37.520 ng
RT: 24.46 min Scan# 3637
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.0	8.6	13.0





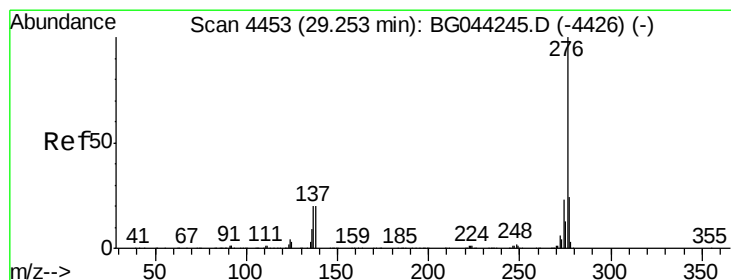
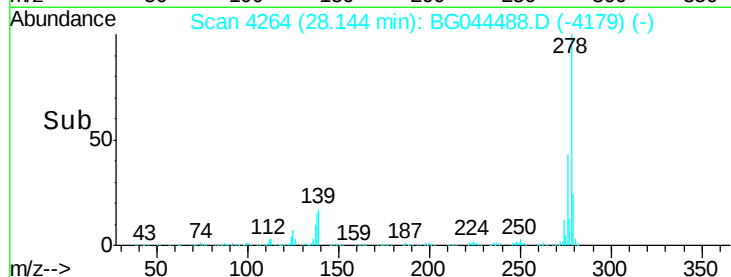
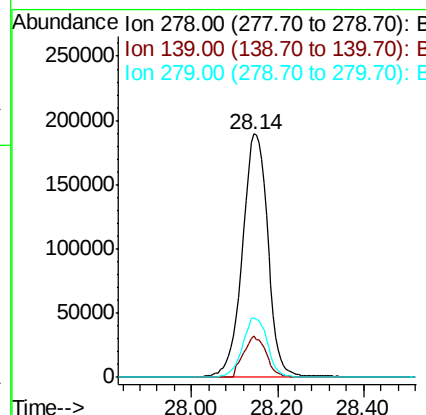
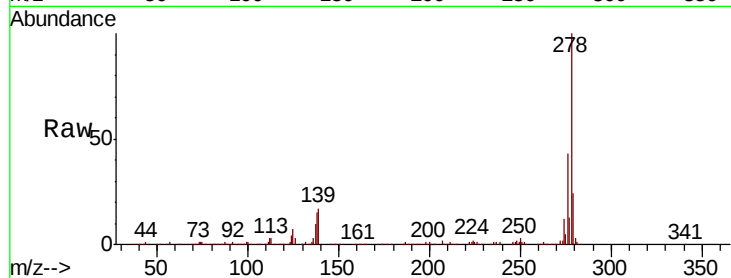
#91
Dibenzo(a,h)anthracene
Concen: 39.398 ng
RT: 28.14 min Scan# 4264
Delta R.T. -0.03 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB126845BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	12.7	19.1
279	24.1	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/20/2020 3:11:35 PM



#92
Benzo(g,h,i)perylene
Concen: 40.154 ng
RT: 29.19 min Scan# 4442
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	20.2	16.2	24.2

