

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042870.D
 Acq On : 17 Sep 2019 16:51
 Operator : HP/JU
 Sample : PB123133BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123133BS

Manual Integrations
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mohammad
 9/18/2019 2:18:37 PM

Quant Time: Sep 18 02:02:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	52563	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	228908	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	177009	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	445969	20.00	ng	0.00
76) Chrysene-d12	21.75	240	328063	20.00	ng	0.00
87) Perylene-d12	25.03	264	334740	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	327267	108.25	ng	0.03
7) Phenol-d6	7.31	99	481486	110.95	ng	0.04
23) Nitrobenzene-d5	9.28	82	294995	67.09	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	305459	129.71	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	768188	68.70	ng	-0.01
79) Terphenyl-d14	20.08	244	1302926	88.02	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.61	88	38537	27.929	ng	# 87
3) Pyridine	4.07	79	101163	24.351	ng	# 83
4) n-Nitrosodimethylamine	3.92	42	78452	38.809	ng	# 74
6) Aniline	7.45	93	169346	28.924	ng	100
8) 2-Chlorophenol	7.69	128	142353	43.558	ng	89
9) Benzaldehyde	7.27	77	86981	30.801	ng	91
10) Phenol	7.34	94	186365	41.876	ng	95
11) bis(2-Chloroethyl)ether	7.54	93	122639	35.907	ng	95
12) 1,3-Dichlorobenzene	8.00	146	150119	37.661	ng	98
13) 1,4-Dichlorobenzene	8.15	146	152557	38.228	ng	99
14) 1,2-Dichlorobenzene	8.47	146	144705	38.092	ng	99
15) Benzyl Alcohol	8.38	79	150779	40.487	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	297065	39.606	ng	97
17) 2-Methylphenol	8.58	107	129355	43.446	ng	98
18) Hexachloroethane	9.20	117	57065	38.731	ng	92
19) n-Nitroso-di-n-propylamine	8.95	70	119223	37.284	ng	98
20) 3+4-Methylphenols	8.91	107	176569	43.021	ng	99
22) Acetophenone	8.96	105	212130	36.694	ng	# 94
24) Nitrobenzene	9.32	77	186535	40.419	ng	99
25) Isophorone	9.89	82	330203	36.030	ng	98
26) 2-Nitrophenol	10.03	139	78759	43.399	ng	# 94
27) 2,4-Dimethylphenol	10.11	122	142341	44.340	ng	93
28) bis(2-Chloroethoxy)methane	10.33	93	184875	36.172	ng	98
29) 2,4-Dichlorophenol	10.58	162	163025	43.701	ng	96
30) 1,2,4-Trichlorobenzene	10.78	180	177626	39.000	ng	99
31) Naphthalene	10.97	128	448421	39.676	ng	99
32) Benzoic acid	10.29	122	101963	40.355	ng	97
33) 4-Chloroaniline	11.08	127	122707	23.229	ng	98
34) Hexachlorobutadiene	11.26	225	127328	39.901	ng	98
35) Caprolactam	12.01	113	52155m	37.597	ng	
36) 4-Chloro-3-methylphenol	12.22	107	176629	43.608	ng	99
37) 2-Methylnaphthalene	12.57	142	356649	42.126	ng	97
38) 1-Methylnaphthalene	12.78	142	335151	42.208	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	235902	40.331	ng	98

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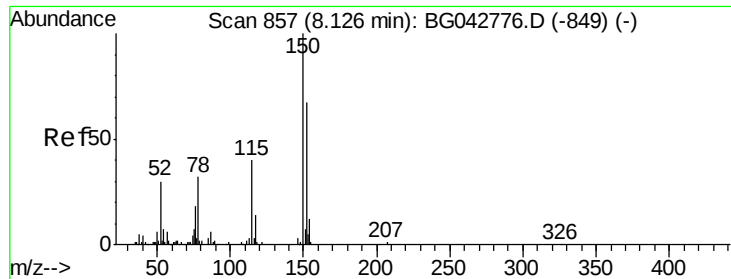
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Quant Time: Sep 18 02:02:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	342511	102.217	nq	95
43) 2,4,6-Trichlorophenol	13.18	196	162902	41.833	nq	99
44) 2,4,5-Trichlorophenol	13.25	196	179536	45.011	nq	97
46) 1,1'-Biphenyl	13.57	154	506766	40.896	nq	98
47) 2-Chloronaphthalene	13.61	162	395020	38.536	nq	100
48) 2-Nitroaniline	13.82	65	143513	40.358	nq	96
49) Acenaphthylene	14.46	152	652503	41.654	nq	98
50) Dimethylphthalate	14.20	163	530623	40.016	nq	98
51) 2,6-Dinitrotoluene	14.30	165	122730	45.107	nq	95
52) Acenaphthene	14.80	154	384858	37.606	nq	98
53) 3-Nitroaniline	14.65	138	84223	27.581	nq	97
54) 2,4-Dinitrophenol	14.84	184	153806	114.828	nq	# 71
55) Dibenzofuran	15.13	168	640034	42.076	nq	97
56) 4-Nitrophenol	14.97	139	204954	86.805	nq	93
57) 2,4-Dinitrotoluene	15.09	165	173591	47.865	nq	# 98
58) Fluorene	15.78	166	539553	42.799	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	189541	49.020	nq	98
60) Diethylphthalate	15.56	149	546300	40.587	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	319157	42.817	nq	99
62) 4-Nitroaniline	15.81	138	127784	38.822	nq	84
63) Azobenzene	16.06	77	538261	41.527	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	114268	59.882	nq	96
66) n-Nitrosodiphenylamine	15.98	169	488365	40.695	nq	95
67) 4-Bromophenyl-phenylether	16.66	248	218255	40.434	nq	97
68) Hexachlorobenzene	16.78	284	228349	39.590	nq	95
69) Atrazine	16.95	200	191665	45.864	nq	97
70) Pentachlorophenol	17.13	266	309038	90.319	nq	95
71) Phenanthrene	17.52	178	870260	40.804	nq	98
72) Anthracene	17.61	178	879600	41.281	nq	99
73) Carbazole	17.88	167	799615	39.483	nq	98
74) Di-n-butylphthalate	18.44	149	879952	36.272	nq	99
75) Fluoranthene	19.52	202	1039700	37.614	nq	99
77) Benzidine	19.70	184	398572	43.485	nq	98
78) Pyrene	19.88	202	1008949	49.124	nq	99
80) Butylbenzylphthalate	20.77	149	319696	38.461	nq	98
81) Benzo(a)anthracene	21.74	228	820394	39.331	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	223604	27.585	nq	# 97
83) Chrysene	21.80	228	793807	40.177	nq	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	405252	35.681	nq	98
85) Di-n-octyl phthalate	22.89	149	645776	33.353	nq	95
86) Indeno(1,2,3-cd)pyrene	28.77	276	871655	35.625	nq	# 83
88) Benzo(b)fluoranthene	23.99	252	785727	39.976	nq	# 96
89) Benzo(k)fluoranthene	24.06	252	761051	40.990	nq	# 96
90) Benzo(a)pyrene	24.87	252	763236	41.470	nq	# 97
91) Dibenzo(a,h)anthracene	28.83	278	737485	40.742	nq	# 97
92) Benzo(g,h,i)perylene	29.92	276	743491	42.109	nq	# 92

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



#1

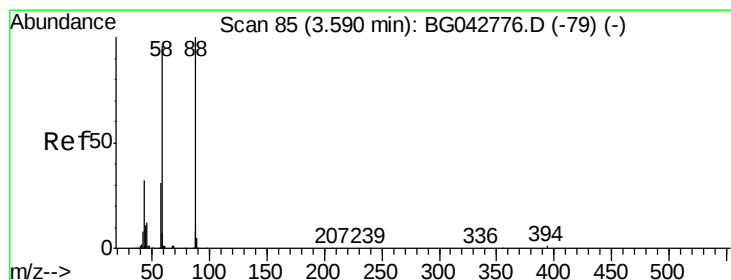
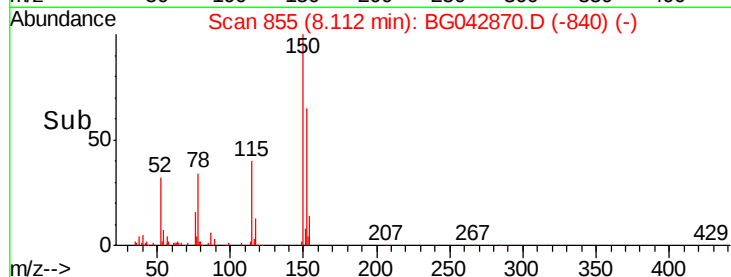
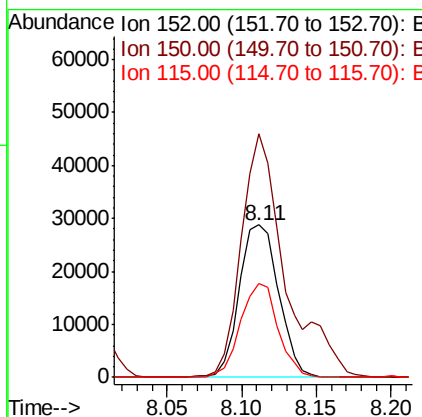
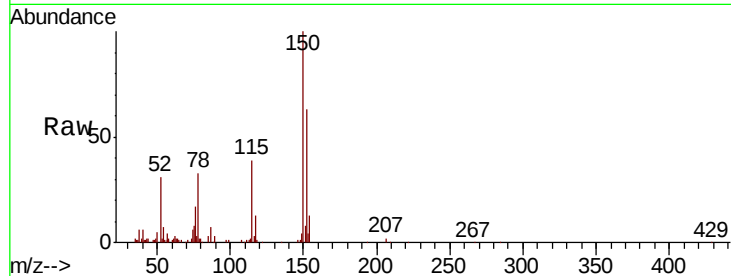
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	118.9	178.3
115	62.0	47.4	71.2

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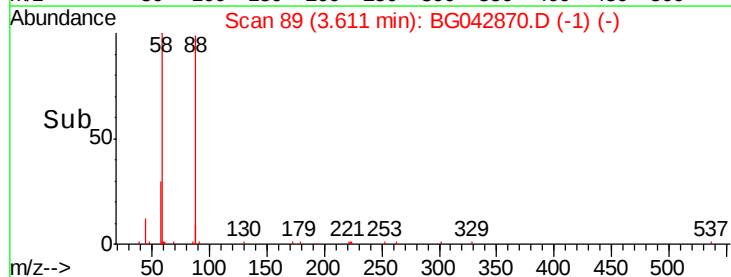
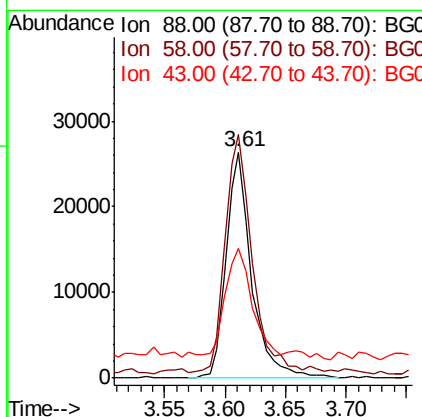
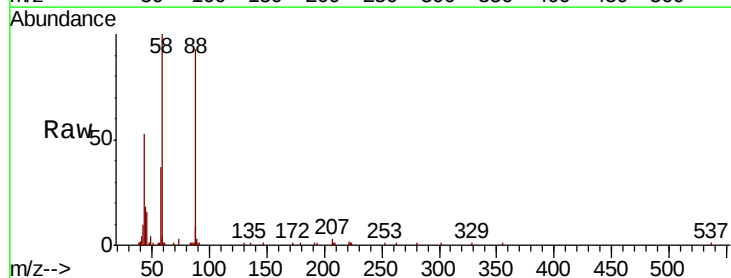
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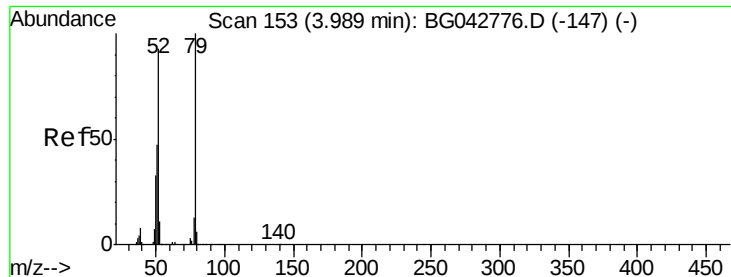


#2

1,4-Dioxane
Concen: 27.929 ng
RT: 3.61 min Scan# 89
Delta R.T. 0.02 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	110.7	79.1	118.7
43	47.4	30.4	45.6





#3

Pvridine

Concen: 24.351 ng

RT: 4.07 min Scan# 167

Delta R.T. 0.08 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

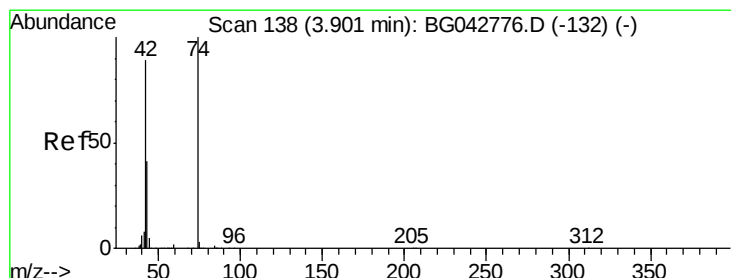
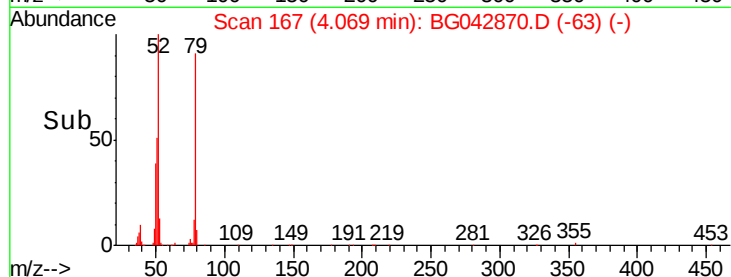
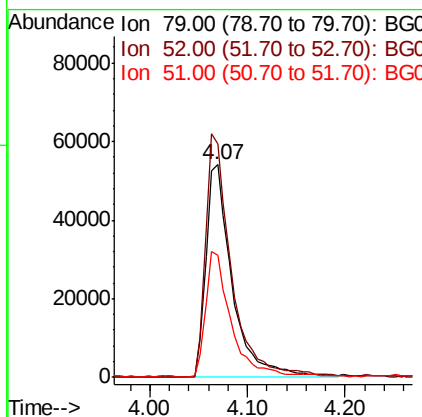
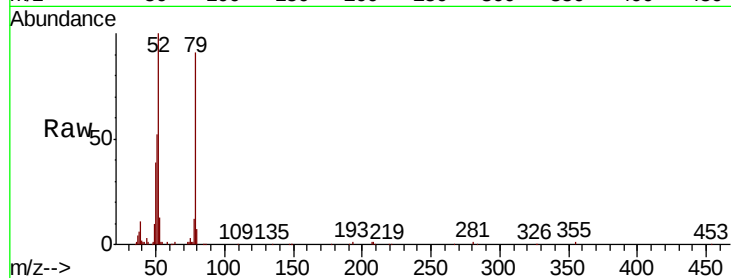
ClientSampleId :

PB123133BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	109.5	74.0	111.0
51	57.1	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 38.809 ng

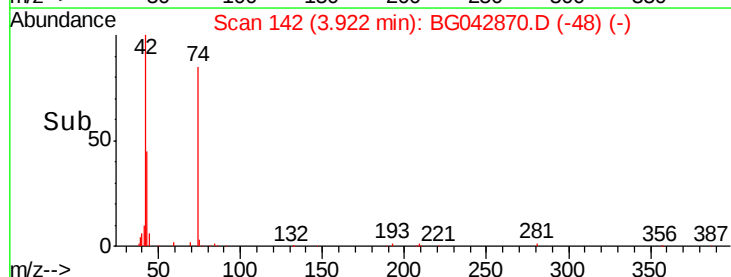
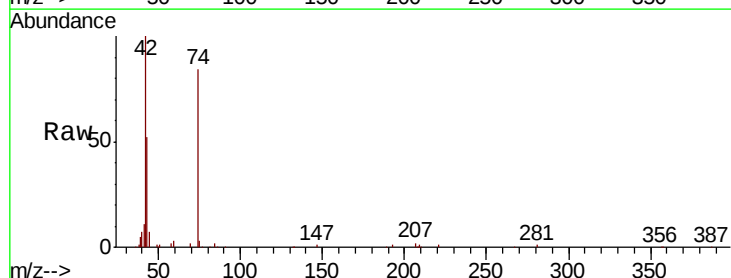
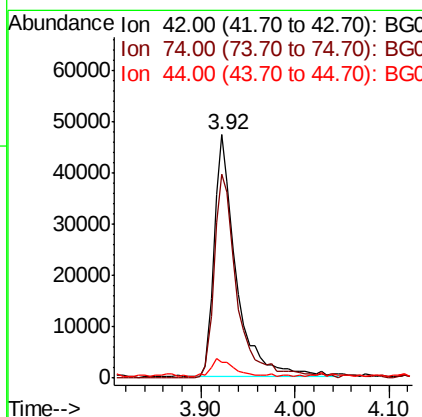
RT: 3.92 min Scan# 142

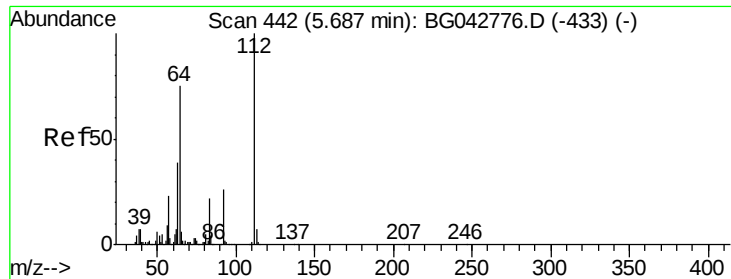
Delta R.T. 0.02 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	83.7	90.2	135.2
44	6.6	6.6	9.8





#5

2-Fluorophenol

Concen: 108.245 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.03 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

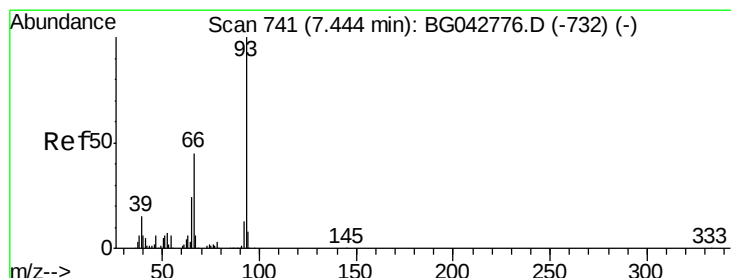
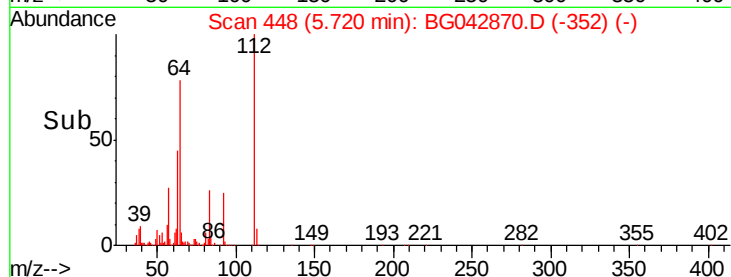
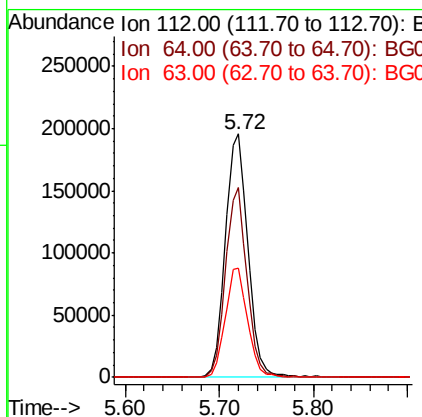
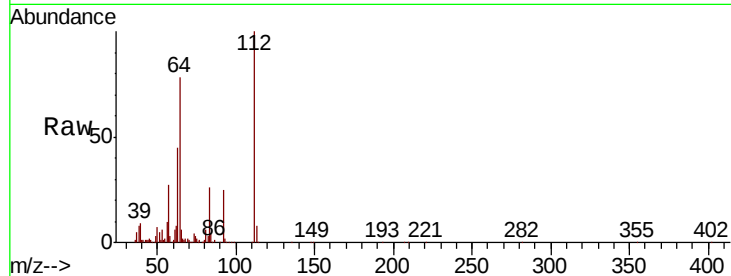
ClientSampled :

PB123133BS

Tot Ion:	112	Resp:	327267
Ion Ratio	Lower	Upper	
112	100		
64	78.0	60.2	90.2
63	44.7	31.2	46.8

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#6

Aniline

Concen: 28.924 ng

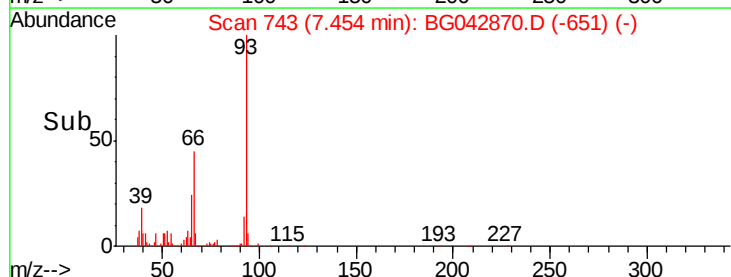
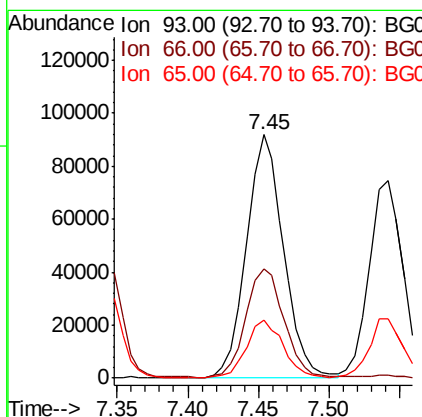
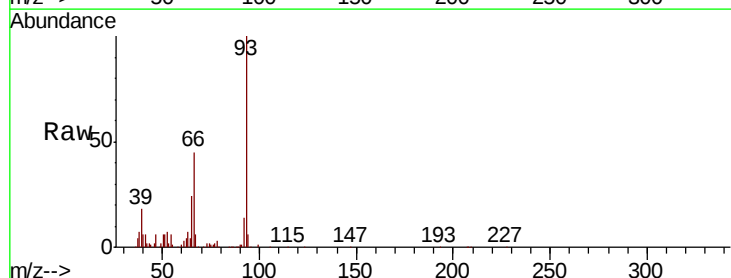
RT: 7.45 min Scan# 743

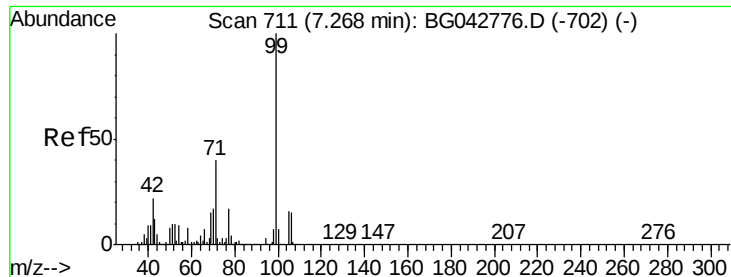
Delta R.T. 0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Tgt Ion:	93	Resp:	169346
Ion Ratio	Lower	Upper	
93	100		
66	45.1	36.3	54.5
65	23.9	19.3	28.9





#7

Phenol-d6

Concen: 110.952 ng

RT: 7.31 min Scan# 719

Delta R.T. 0.04 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

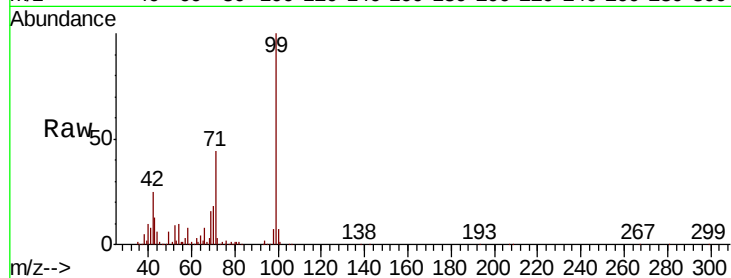
ClientSampleId :

PB123133BS

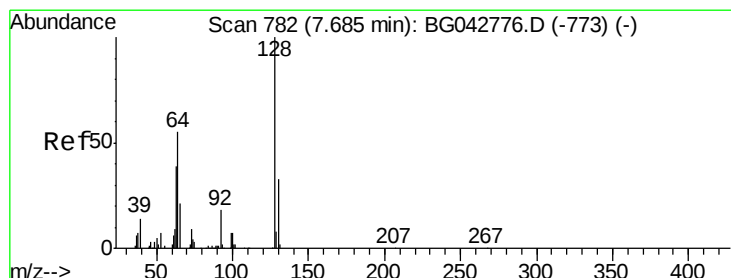
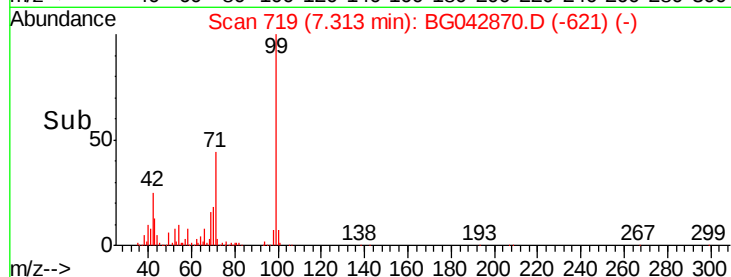
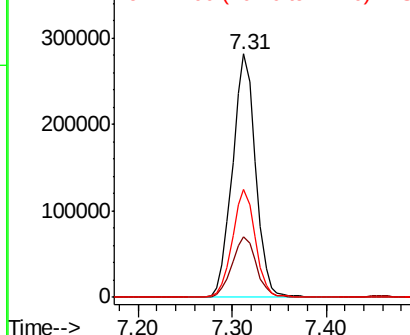
Tot Ion:	99	Resp:	481486
Ion Ratio	Lower	Upper	
99	100		
42	25.0	17.5	26.3
71	44.5	32.0	48.0

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



#8

2-Chlorophenol

Concen: 43.558 ng

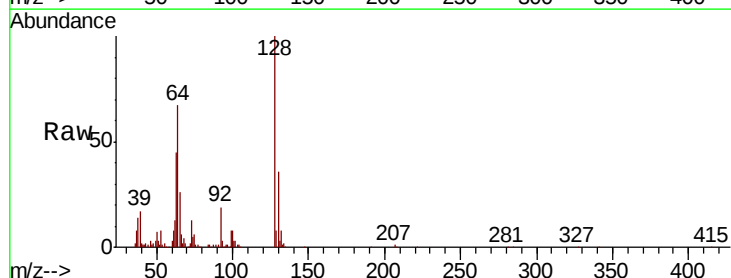
RT: 7.69 min Scan# 784

Delta R.T. 0.01 min

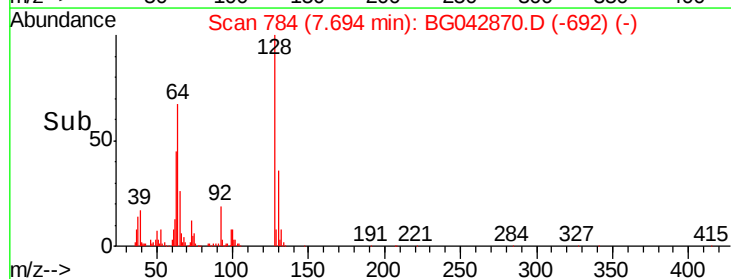
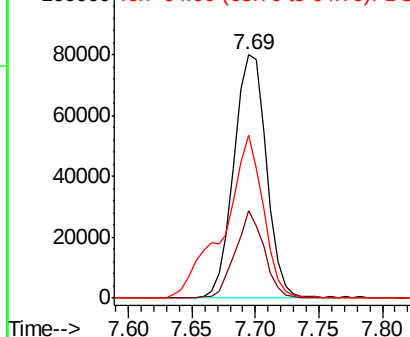
Lab File: BG042870.D

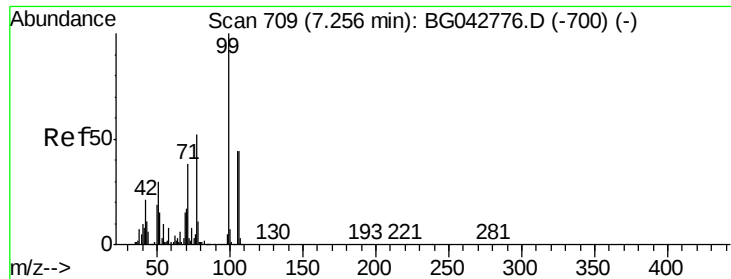
Acq: 17 Sep 2019 16:51

Tgt Ion:	128	Resp:	142353
Ion Ratio	Lower	Upper	
128	100		
130	35.9	12.8	52.8
64	66.8	36.8	76.8



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





#9

Benzaldehyde

Concen: 30.801 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

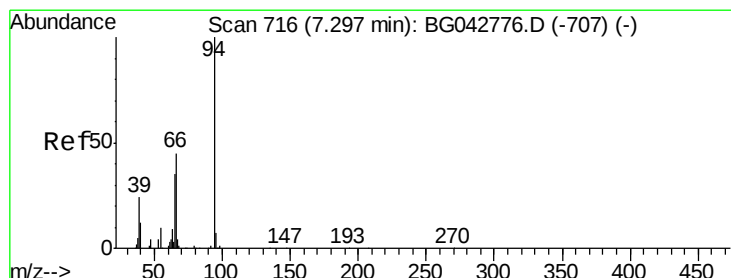
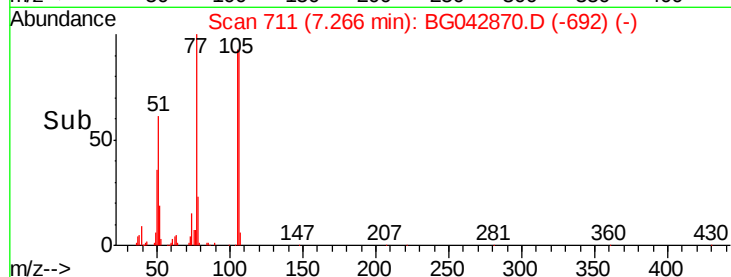
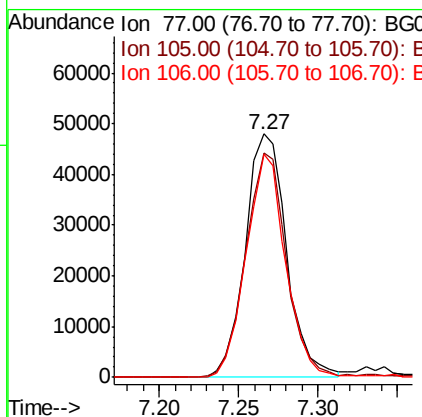
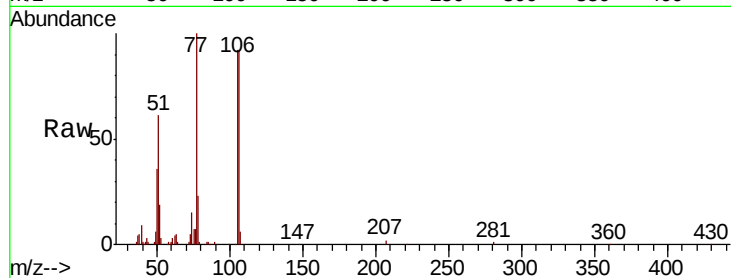
ClientSampleId :

PB123133BS

Tot Ion:	77	Resp:	86981
Ion	Ratio	Lower	Upper
77	100		
105	92.4	64.5	104.5
106	91.8	63.4	103.4

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#10

Phenol

Concen: 41.876 ng

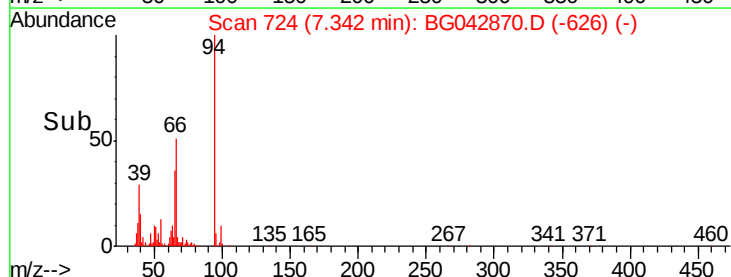
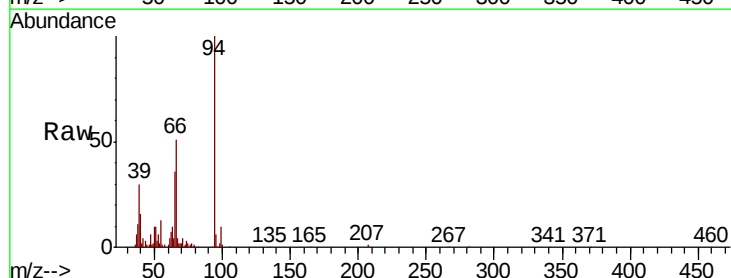
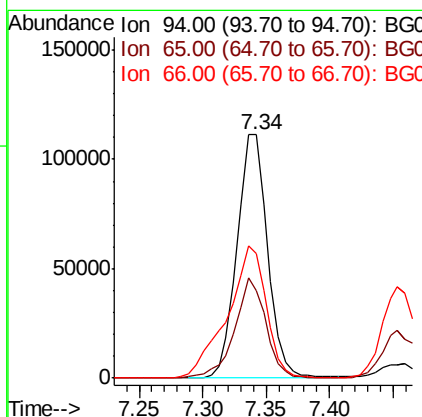
RT: 7.34 min Scan# 724

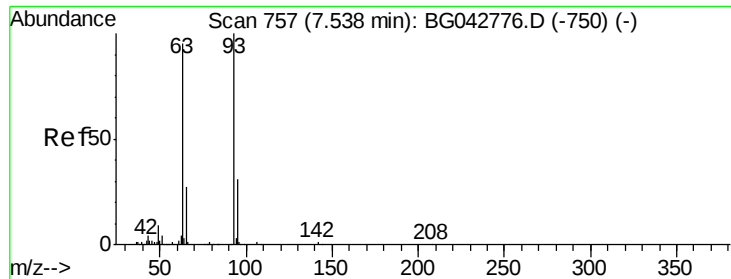
Delta R.T. 0.04 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Tgt Ion:	94	Resp:	186365
Ion	Ratio	Lower	Upper
94	100		
65	36.1	15.0	55.0
66	51.4	26.1	66.1





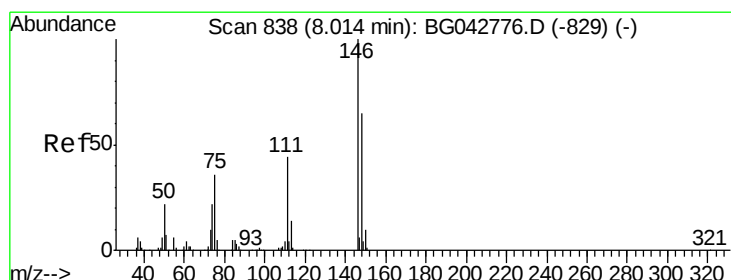
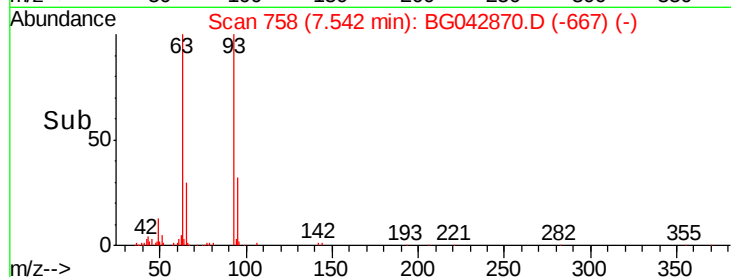
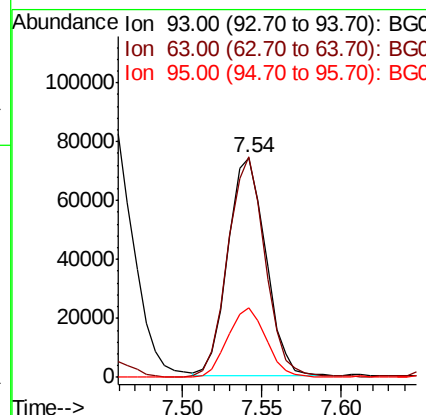
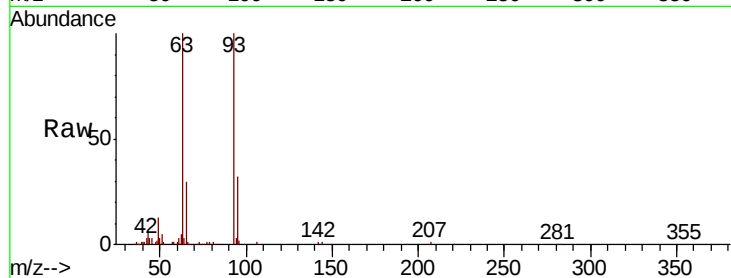
#11
bis(2-Chloroethyl)ether
Concen: 35.907 ng
RT: 7.54 min Scan# 758
Delta R.T. 0.00 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampled :
PB123133BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	100.2	74.7	114.7
95	31.7	11.1	51.1

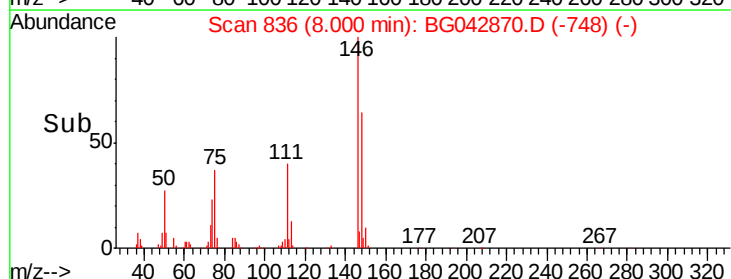
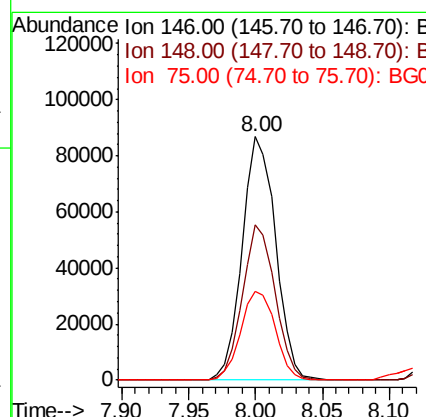
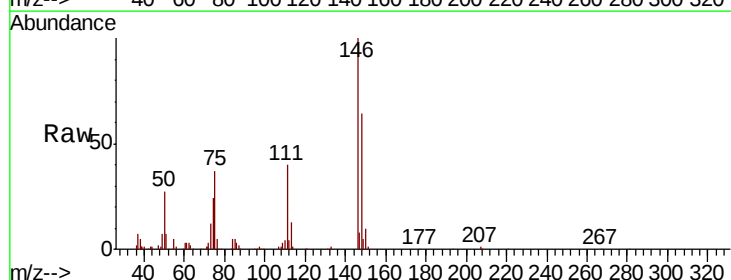
Manual Integrations
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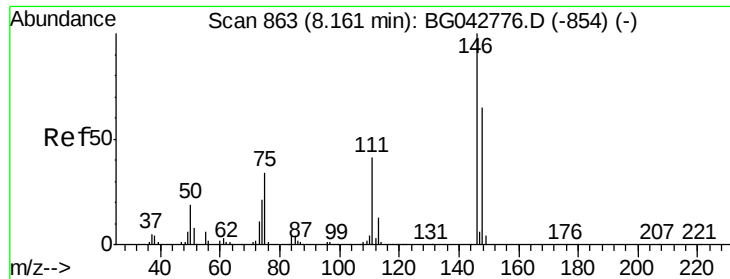
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.661 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
75	36.6	28.4	42.6





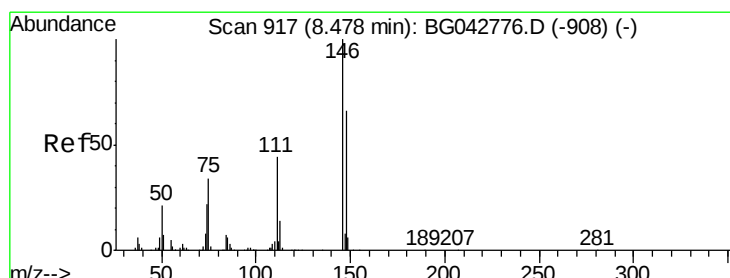
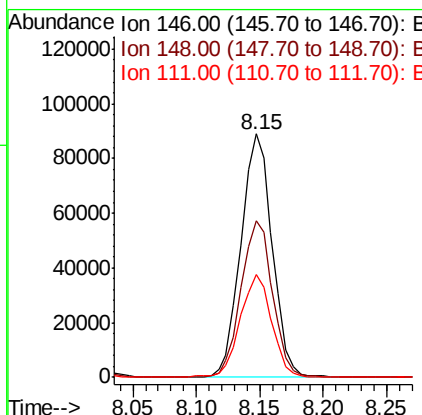
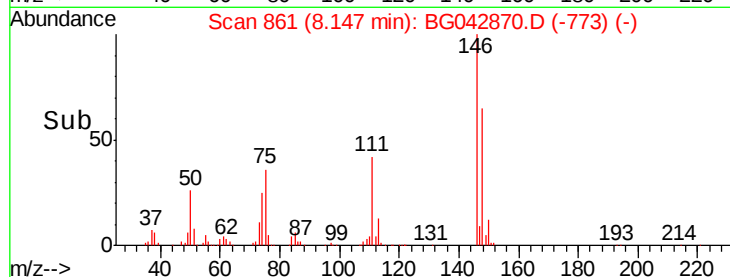
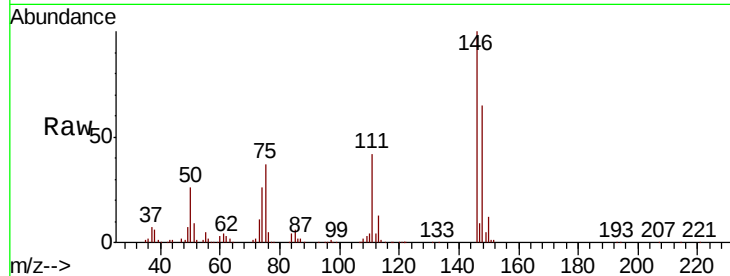
#13
1,4-Dichlorobenzene
Concen: 38.228 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.4
111	42.1	32.6	49.0

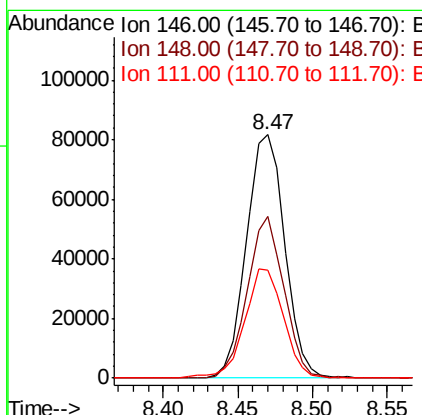
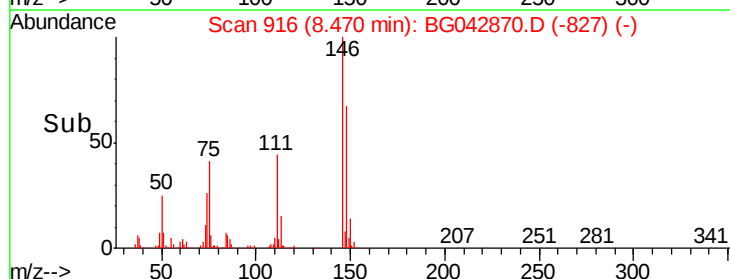
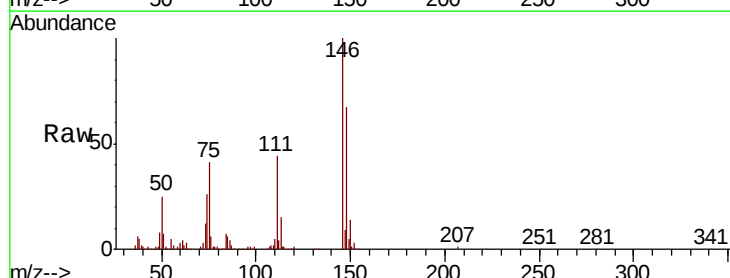
Manual Integrations
APPROVED

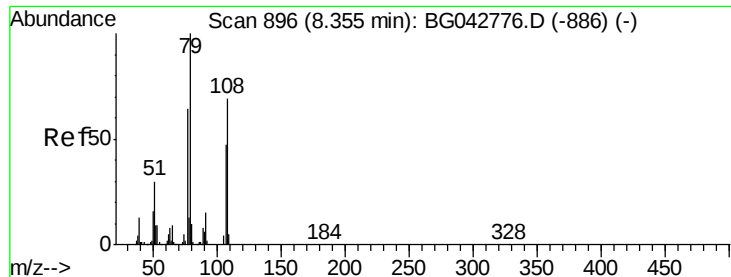
mohammad
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#14
1,2-Dichlorobenzene
Concen: 38.092 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	52.6	78.8
111	44.1	35.3	52.9





#15

Benzyl Alcohol

Concen: 40.487 ng

RT: 8.38 min Scan# 901

Delta R.T. 0.03 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

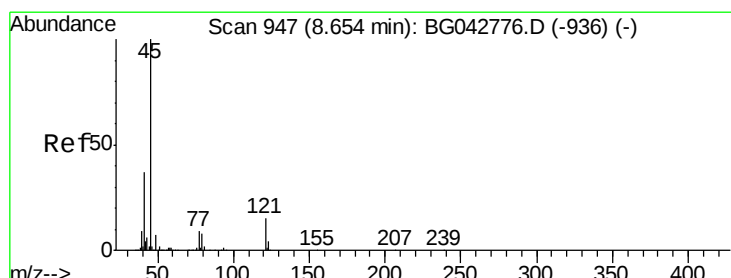
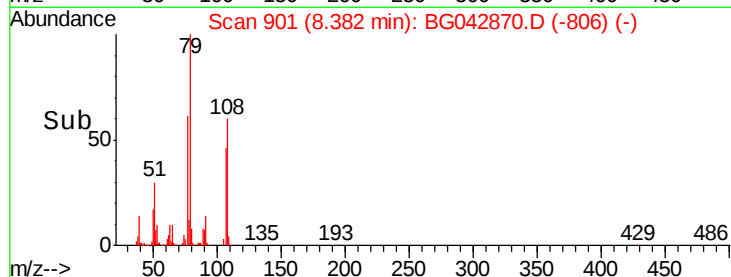
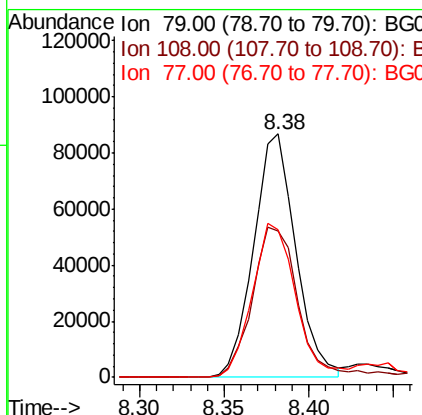
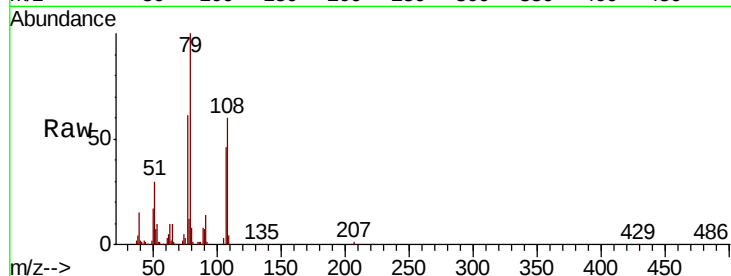
ClientSampleId :

PB123133BS

Tot Ion:	79	Resp:	150779
Ion	Ratio	Lower	Upper
79	100		
108	60.1	54.9	82.3
77	60.9	51.0	76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.606 ng

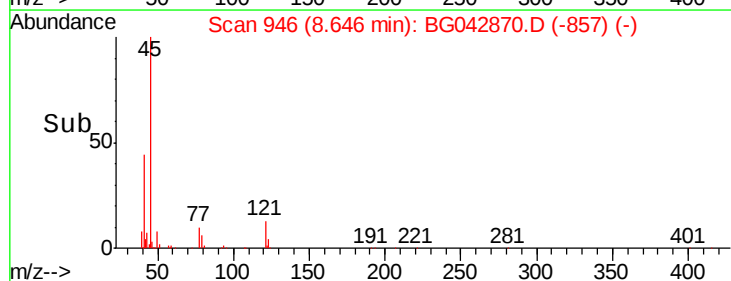
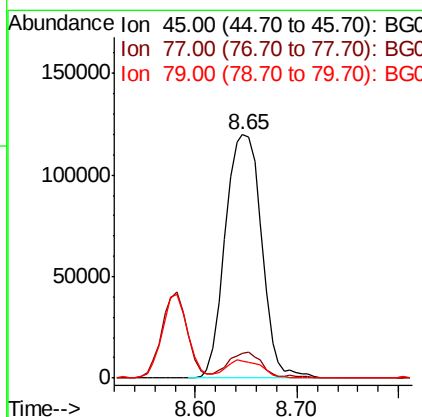
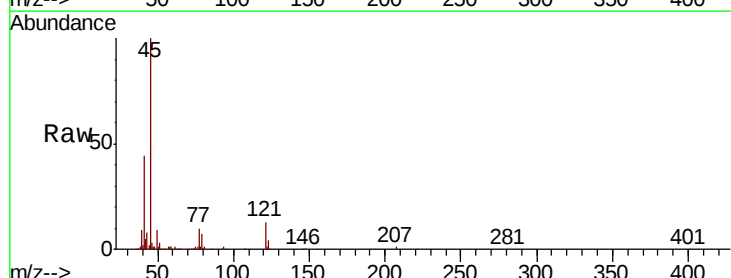
RT: 8.65 min Scan# 946

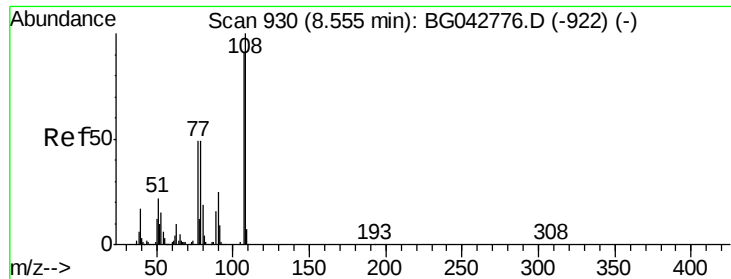
Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Tgt Ion:	45	Resp:	297065
Ion	Ratio	Lower	Upper
45	100		
77	10.3	0.0	29.4
79	6.9	0.0	28.4





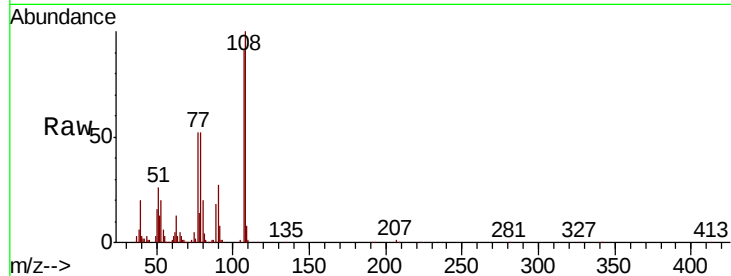
#17
2-Methylphenol
Concen: 43.446 ng
RT: 8.58 min Scan# 934
Delta R.T. 0.02 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	87.7	131.5	
77	56.3	42.6	64.0	
79	57.3	43.4	65.2	

Manual Integrations
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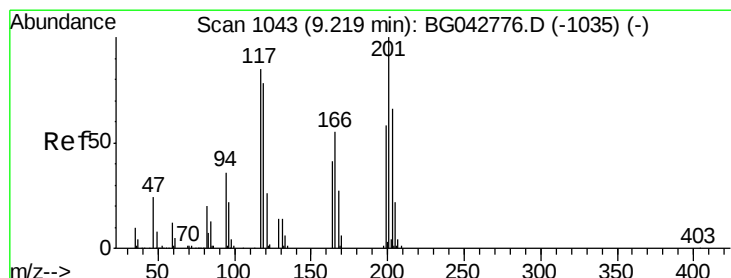
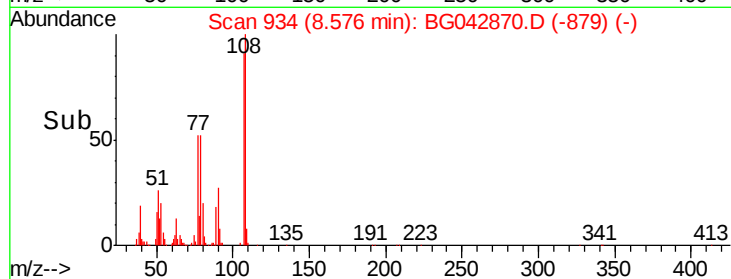
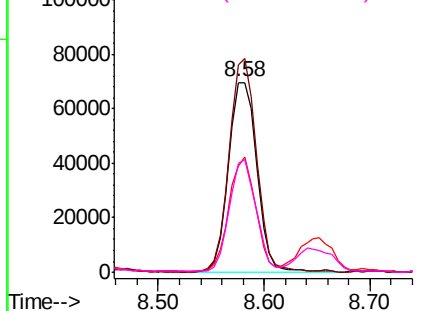
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

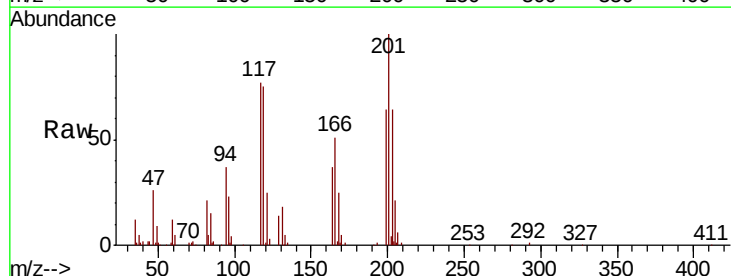
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 38.731 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	73.8	110.8	
201	129.7	94.6	142.0	

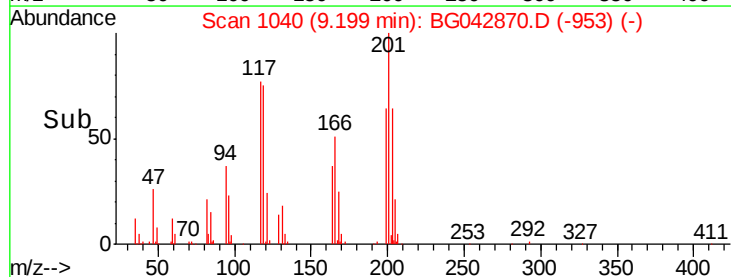
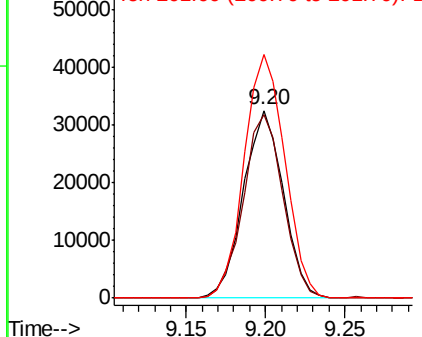


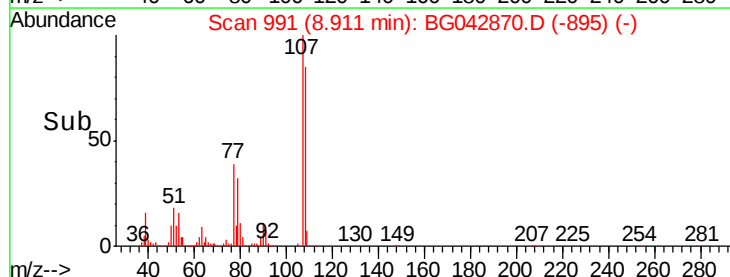
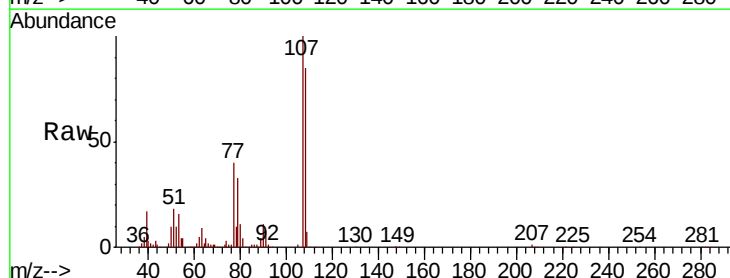
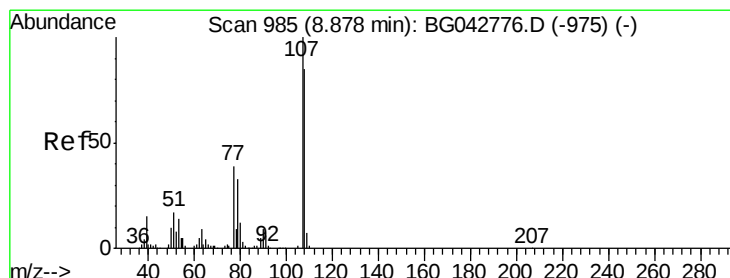
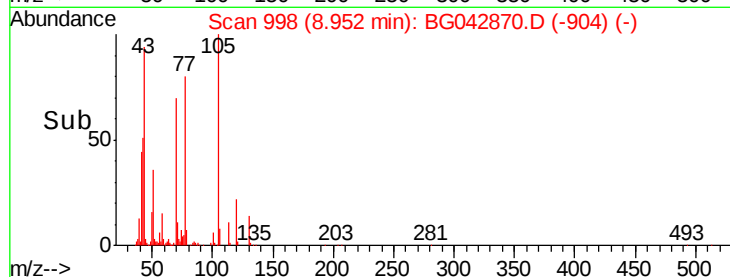
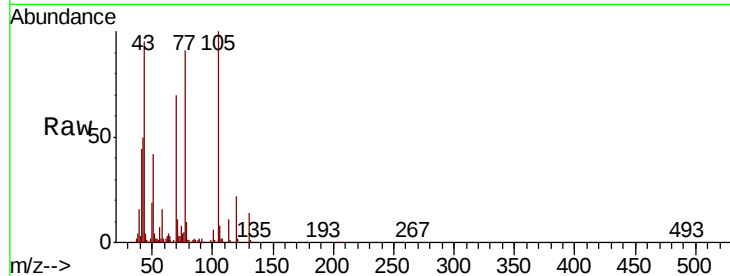
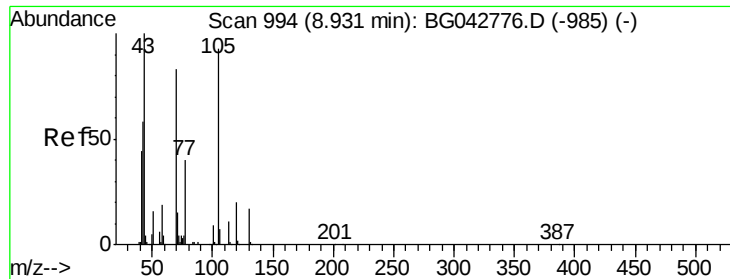
Abundance

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





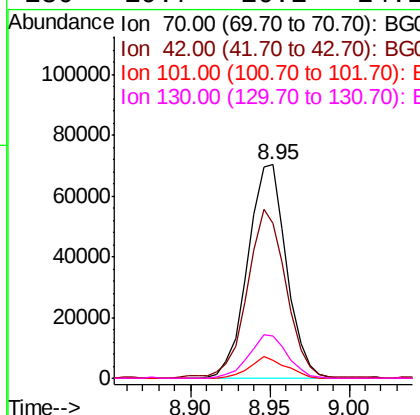
#19
n-Nitroso-di-n-propylamine
Concen: 37.284 ng
RT: 8.95 min Scan# 998
Delta R.T. 0.02 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampled :
PB123133BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.5	57.0	85.6
101	8.7	8.4	12.6
130	19.7	16.1	24.1

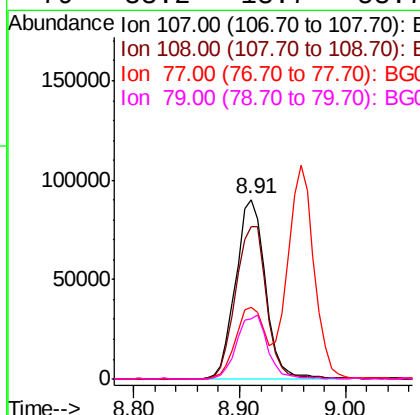
Manual Integrations
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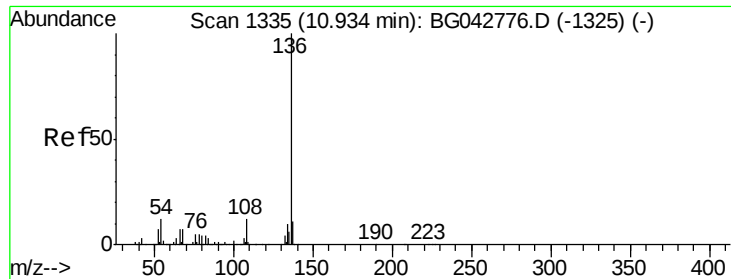
mohammad
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#20
3+4-Methylphenols
Concen: 43.021 ng
RT: 8.91 min Scan# 991
Delta R.T. 0.03 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.9	65.4	105.4
77	39.8	18.7	58.7
79	33.2	13.7	53.7





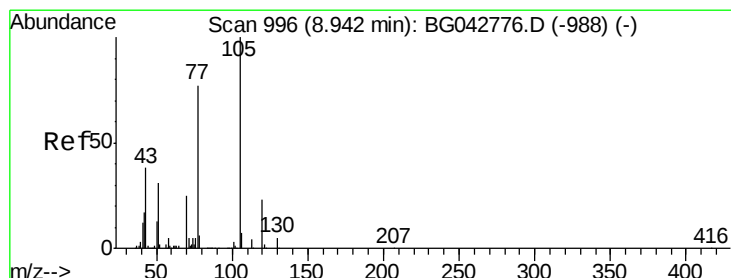
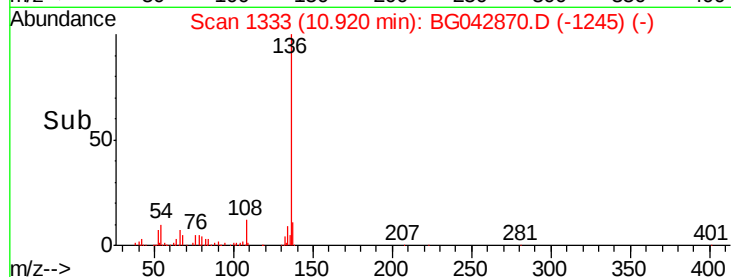
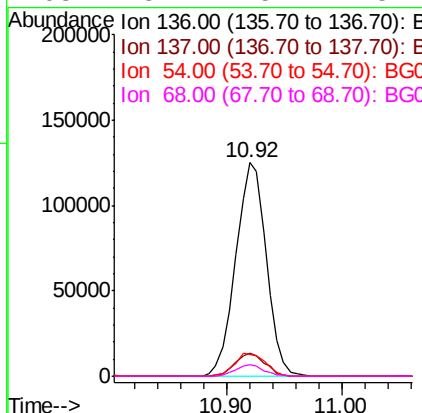
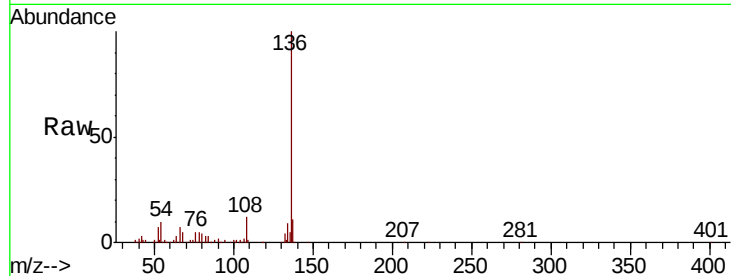
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	228908		
137	11.0		9.0	13.6
54	10.3		9.4	14.0
68	5.2		5.4	8.2#

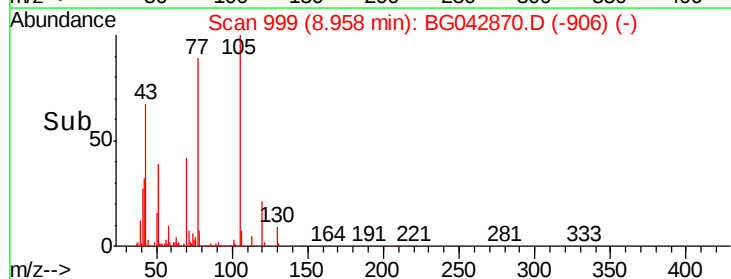
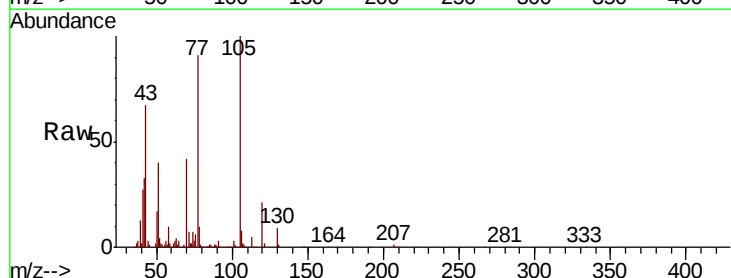
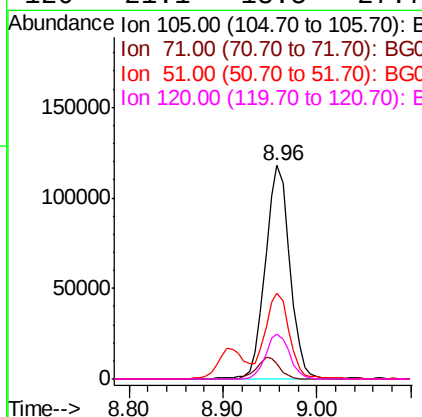
Manual Integrations
APPROVED

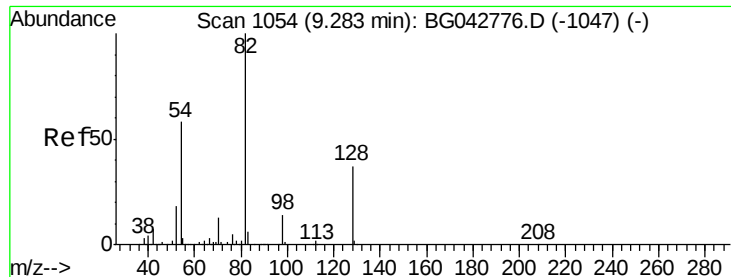
mohammad
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#22
Acetophenone
Concen: 36.694 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.02 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	212130		
71	6.9		3.7	5.5#
51	40.2		28.8	43.2
120	21.1		18.5	27.7





#23

Nitrobenzene-d5

Concen: 67.093 ng

RT: 9.28 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

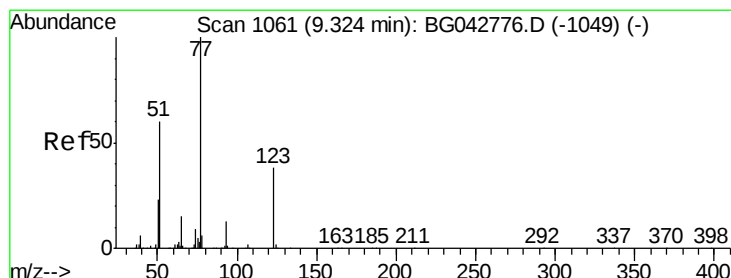
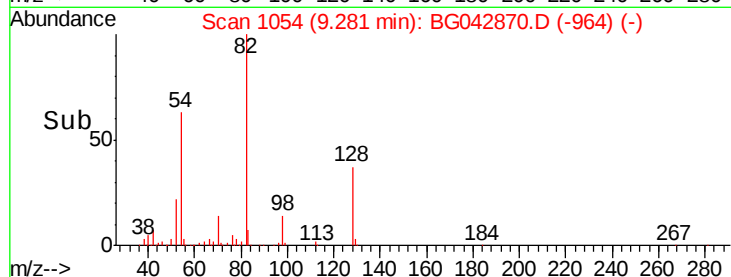
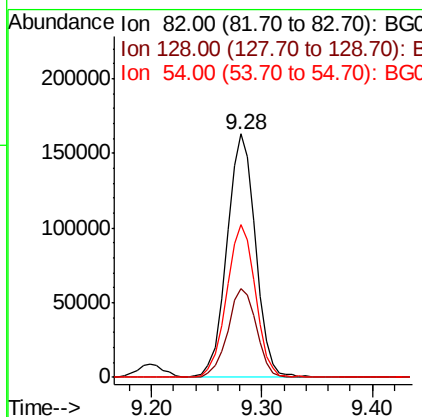
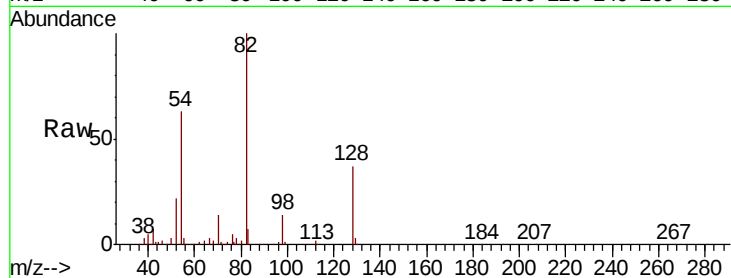
ClientSampleId :

PB123133BS

Tot Ion:	82	Resp:	294995
Ion Ratio	Lower	Upper	
82	100		
128	36.6	29.8	44.8
54	62.6	46.1	69.1

Manual Integrations
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#24

Nitrobenzene

Concen: 40.419 ng

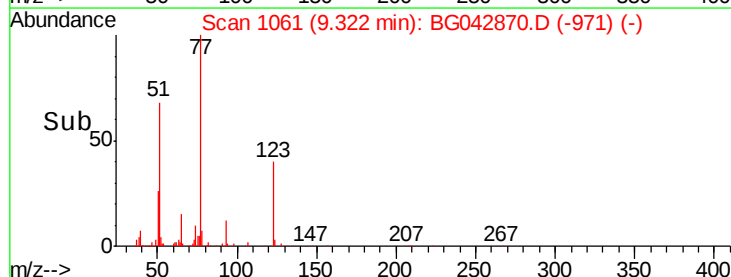
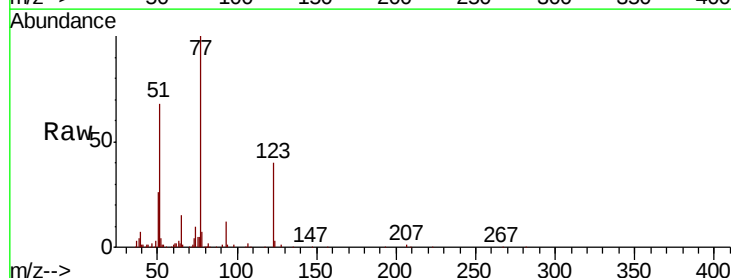
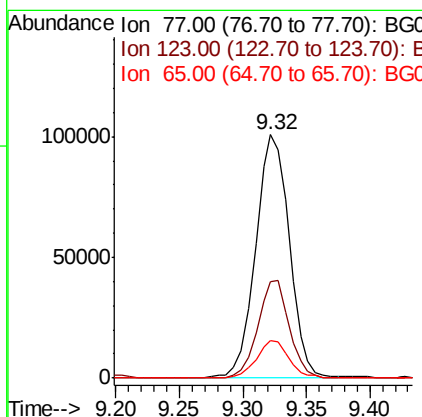
RT: 9.32 min Scan# 1061

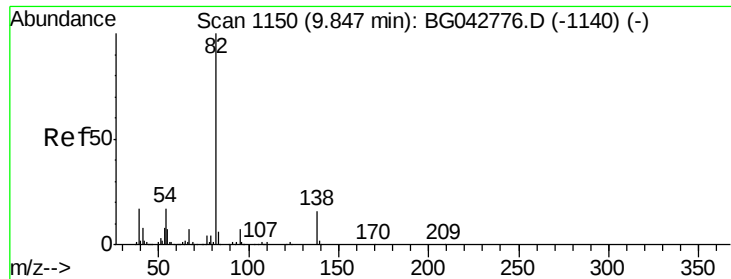
Delta R.T. -0.00 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Tgt Ion:	77	Resp:	186535
Ion Ratio	Lower	Upper	
77	100		
123	39.6	30.7	46.1
65	15.3	12.2	18.4





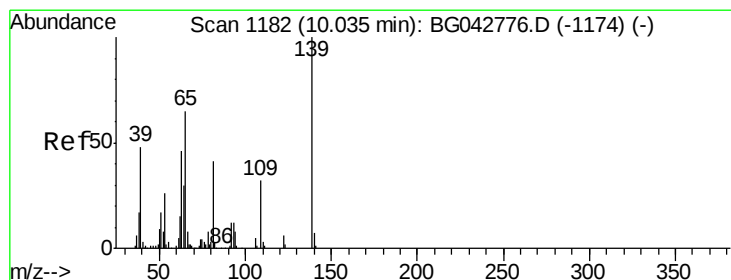
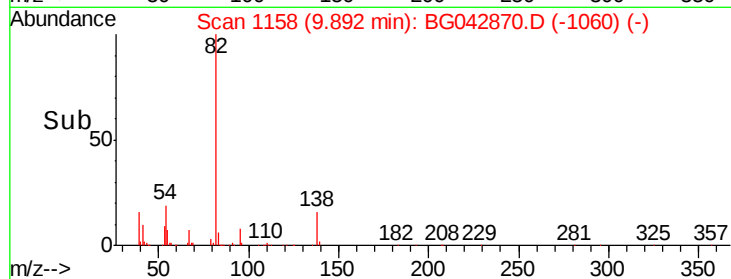
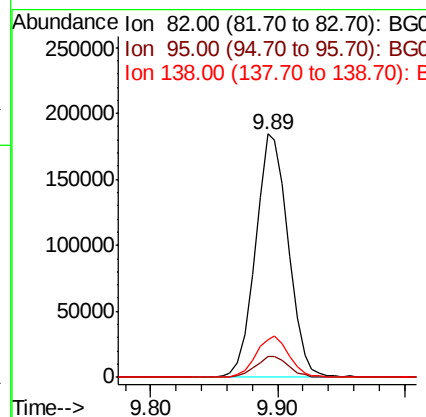
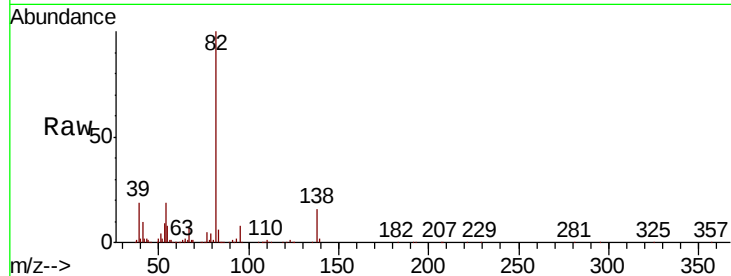
#25
Isophorone
Concen: 36.030 ng
RT: 9.89 min Scan# 1158
Delta R.T. 0.04 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.4	5.8	8.8	
138	15.5	12.9	19.3	

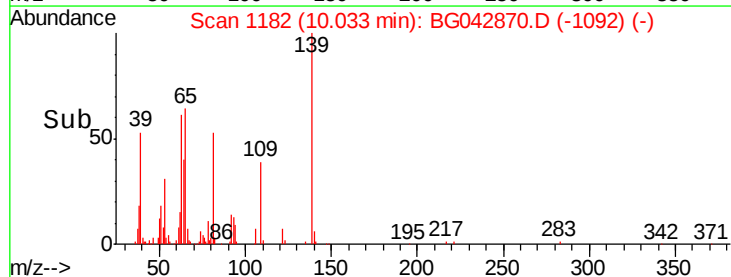
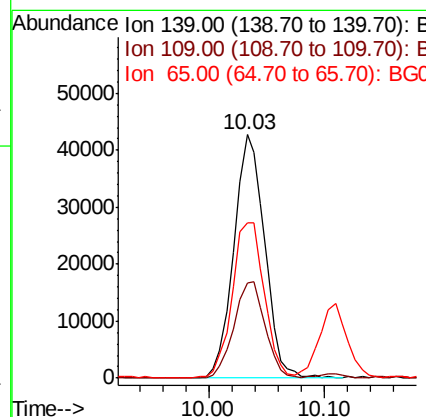
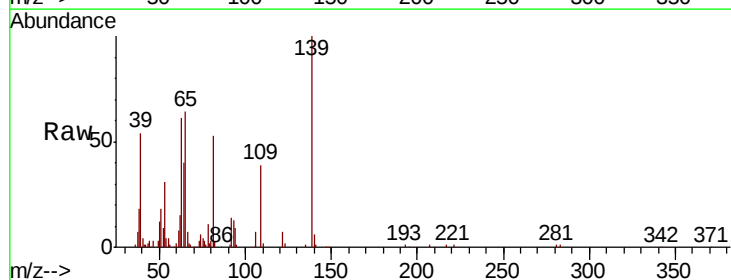
Manual Integrations
APPROVED

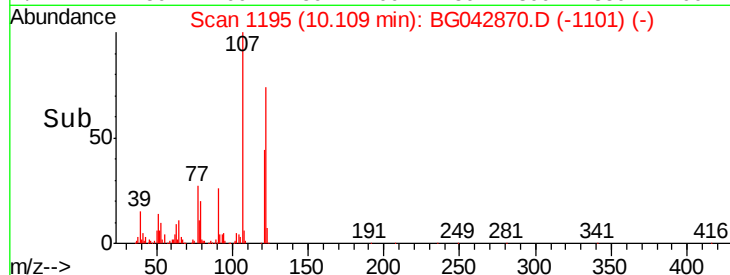
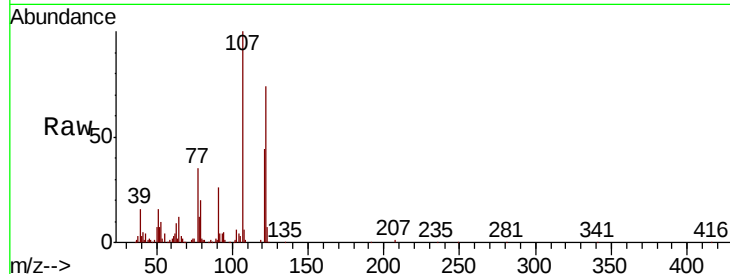
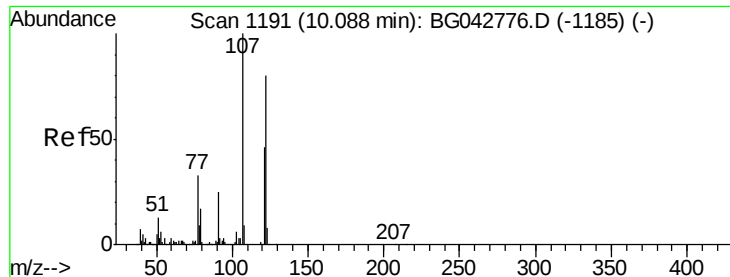
mohammad
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#26
2-Nitrophenol
Concen: 43.399 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	39.3	25.8	38.8	
65	63.6	52.2	78.2	





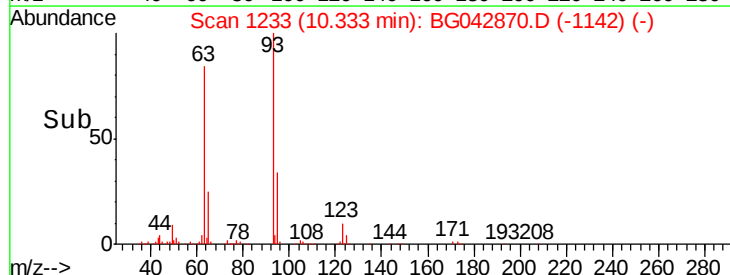
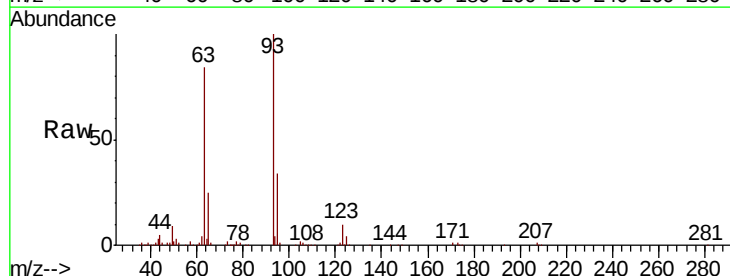
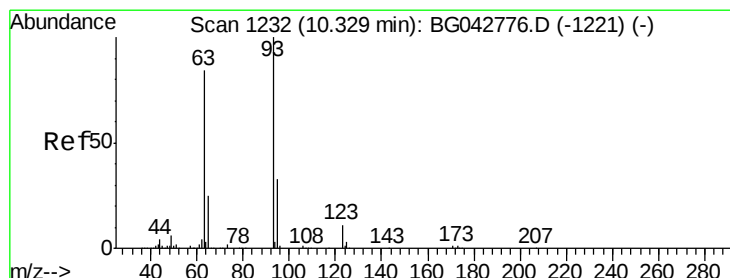
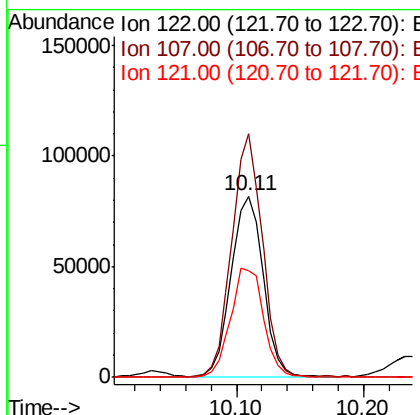
#27
2,4-Dimethylphenol
Concen: 44.340 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.02 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tot Ion	Ratio	Resp	Lower	Upper
122	100	142341		
107	134.5	98.9	148.3	
121	58.8	46.2	69.2	

Instrument :
BNA_G
ClientSampleId :
PB123133BS

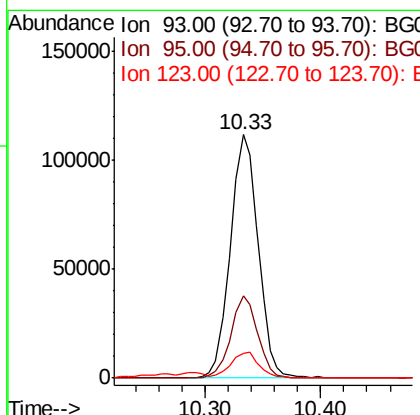
Manual Integrations
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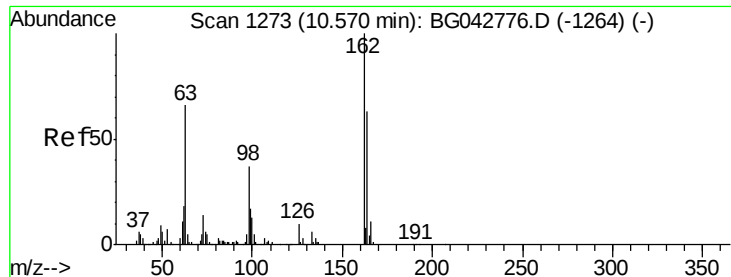
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#28
bis(2-Chloroethoxy)methane
Concen: 36.172 ng
RT: 10.33 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	184875		
95	33.9	26.6	40.0	
123	10.2	9.0	13.6	





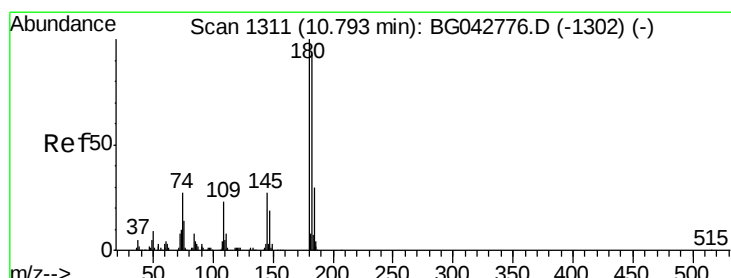
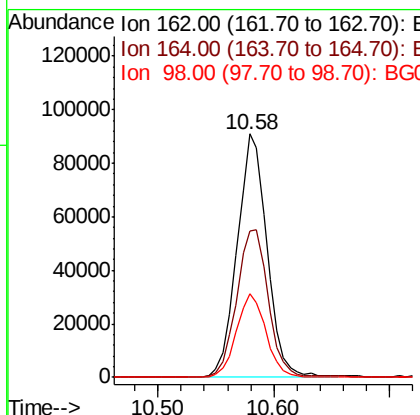
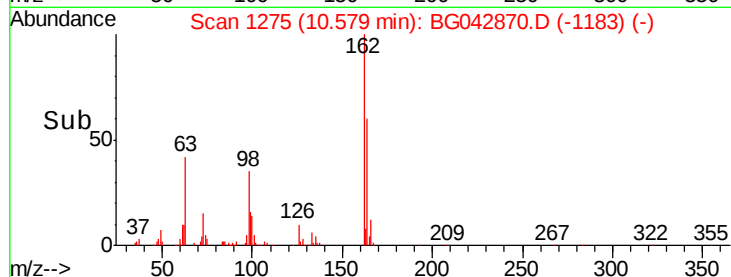
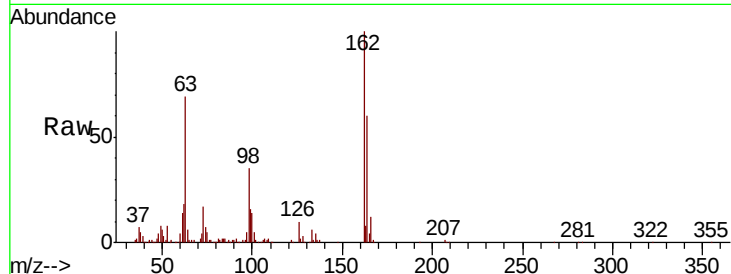
#29
2,4-Dichlorophenol
Concen: 43.701 ng
RT: 10.58 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	60.1	43.4	83.4
98	34.6	17.0	57.0

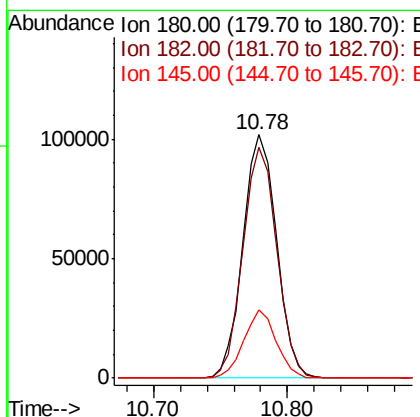
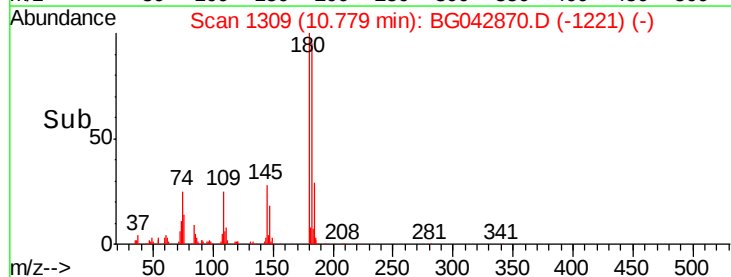
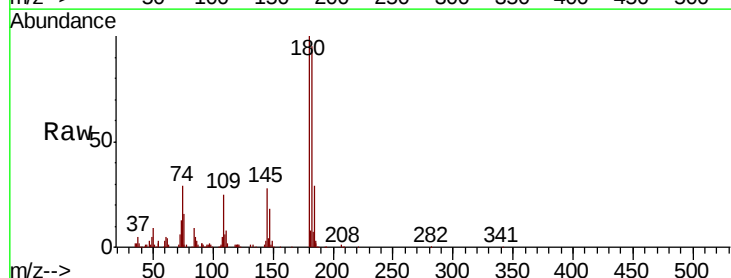
Manual Integrations
APPROVED

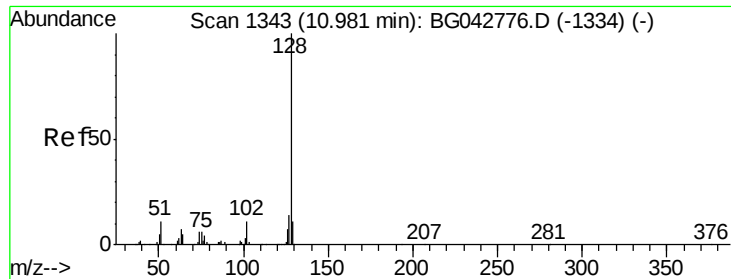
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#30
1,2,4-Trichlorobenzene
Concen: 39.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.6	74.6	112.0
145	28.0	21.8	32.6





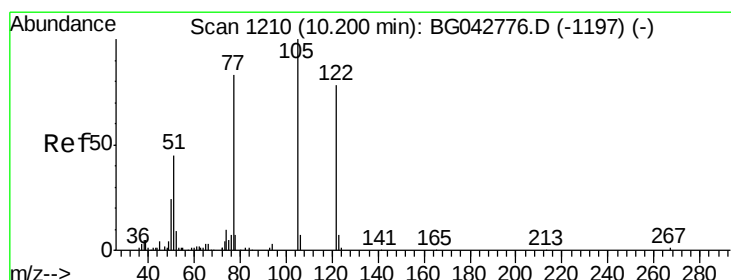
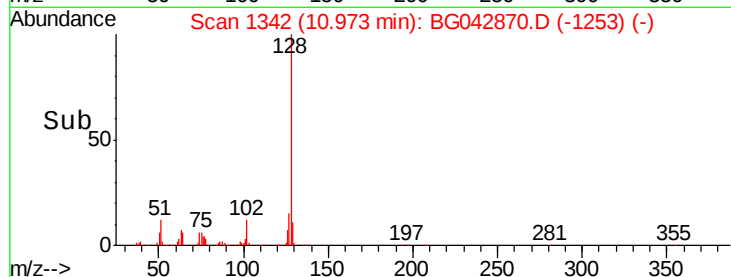
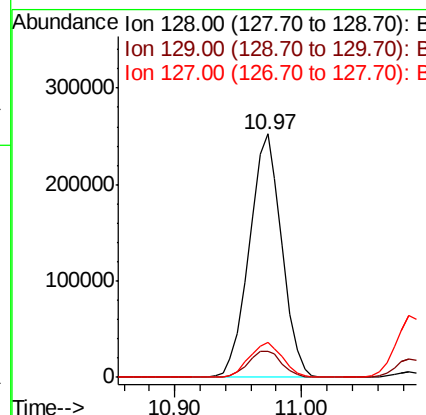
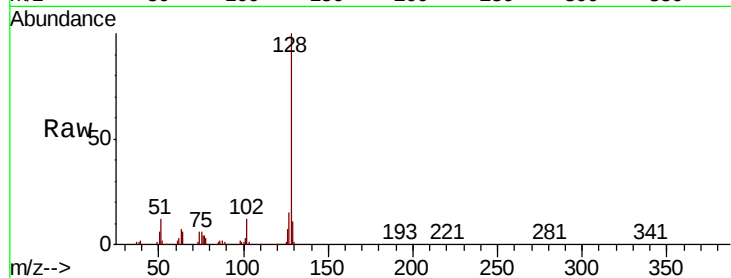
#31
Naphthalene
Concen: 39.676 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	448421		
129	10.7		9.0	13.6
127	14.5		11.4	17.2

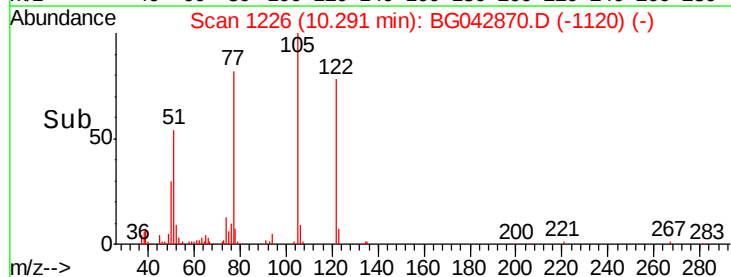
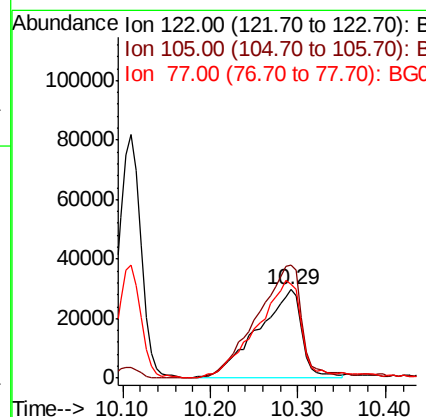
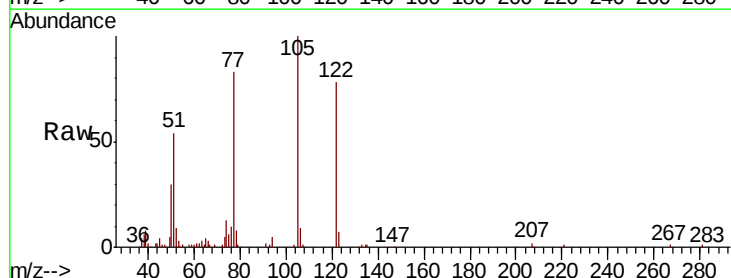
Manual Integrations
APPROVED

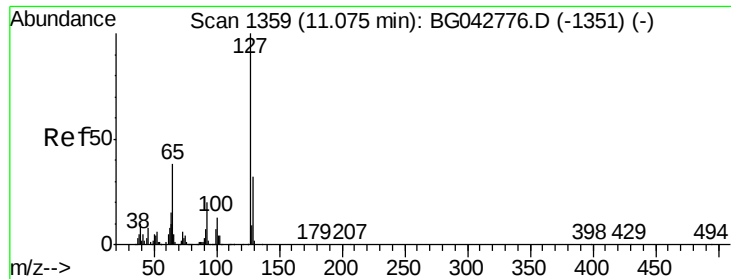
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#32
Benzoic acid
Concen: 40.355 ng
RT: 10.29 min Scan# 1226
Delta R.T. 0.09 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	101963		
105	127.5		104.0	144.0
77	106.2		84.2	124.2





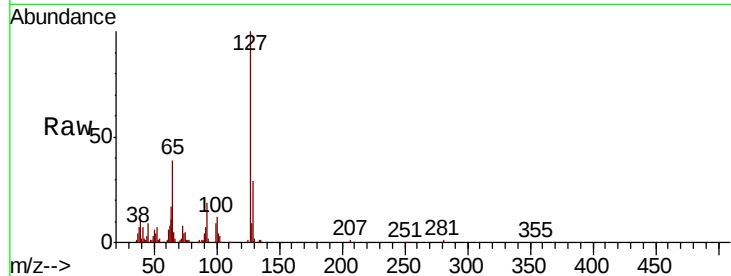
#33
4-Chloroaniline
Concen: 23.229 ng
RT: 11.08 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleID :
PB123133BS

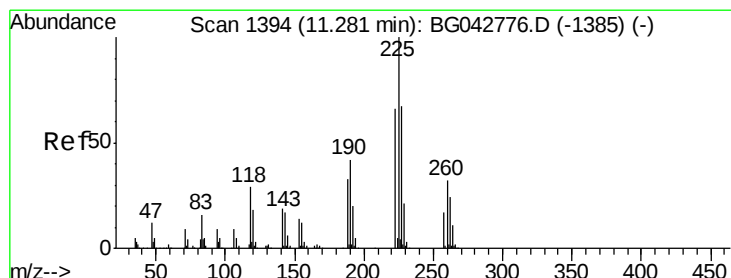
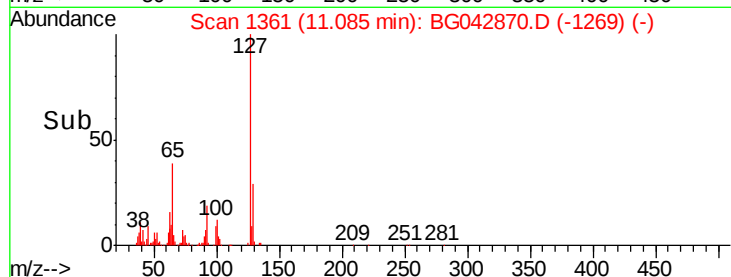
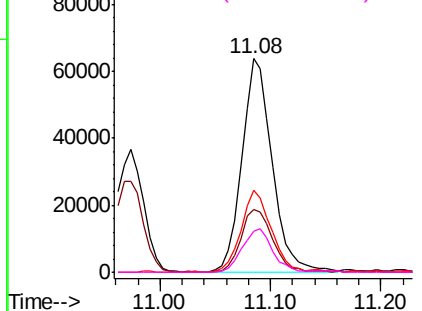
Tot Ion	Ratio	Resp	Lower	Upper
127	100	122707		
129	29.4		25.8	38.6
65	38.5		30.5	45.7
92	19.2		15.9	23.9

Manual Integrations
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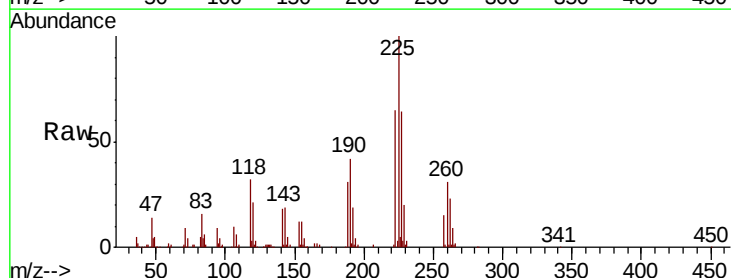


Abundance Ion 127.00 (126.70 to 127.70): E
100000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

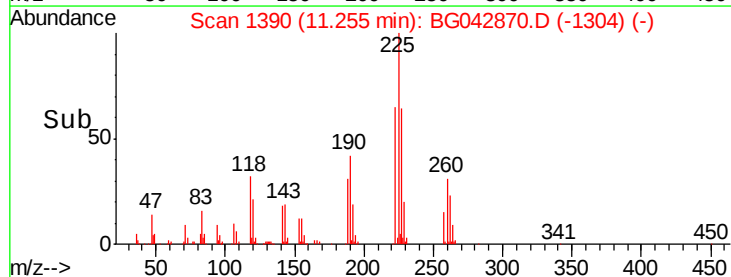
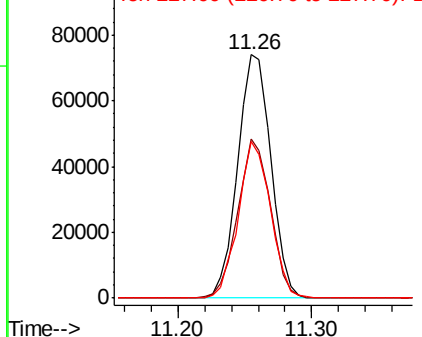


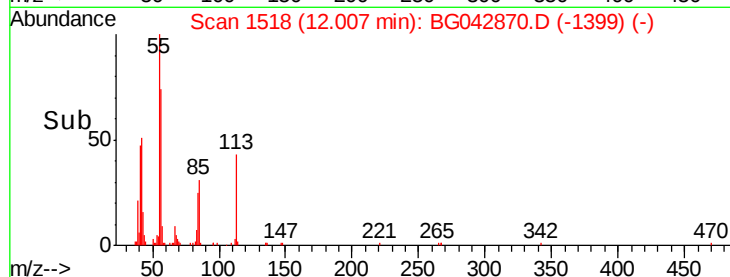
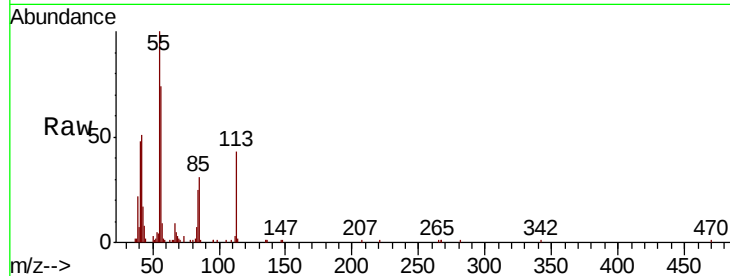
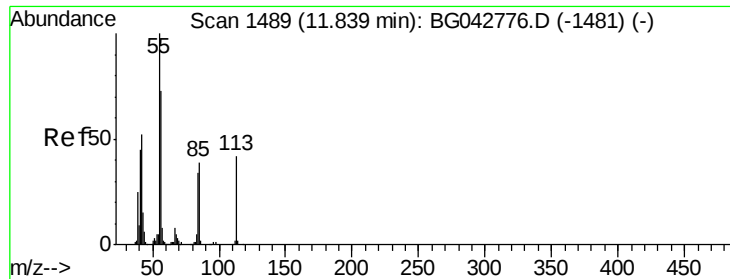
#34
Hexachlorobutadiene
Concen: 39.901 ng
RT: 11.26 min Scan# 1390
Delta R.T. -0.03 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	127328		
223	65.5		52.6	79.0
227	64.4		53.6	80.4



Abundance Ion 225.00 (224.70 to 225.70): E
100000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





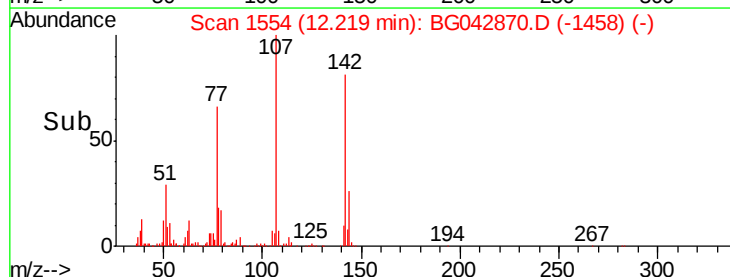
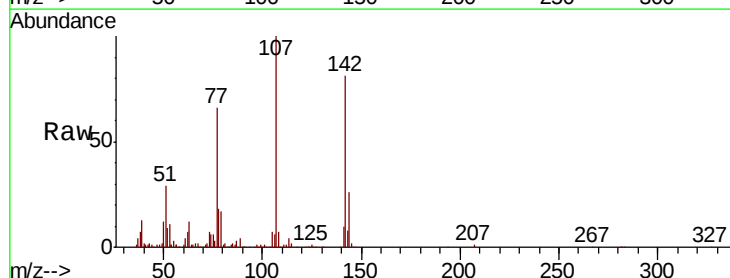
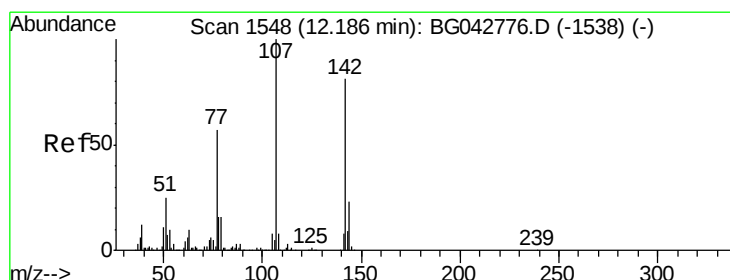
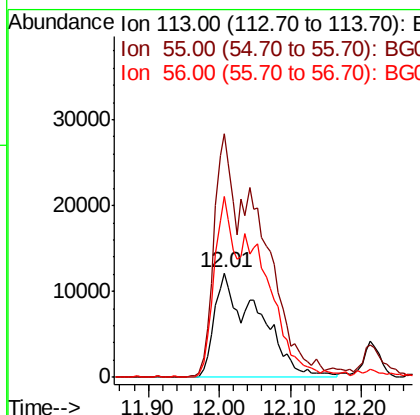
#35
Caprolactam
Concen: 37.597 ng/ml
RT: 12.01 min Scan# 1518
Delta R.T. 0.17 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	233.7	218.4	258.4	
56	173.9	154.8	194.8	

Instrument :
BNA_G
ClientSampleId :
PB123133BS

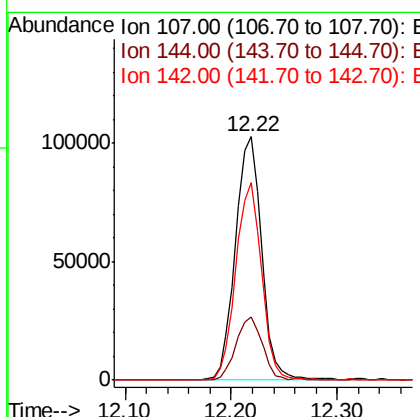
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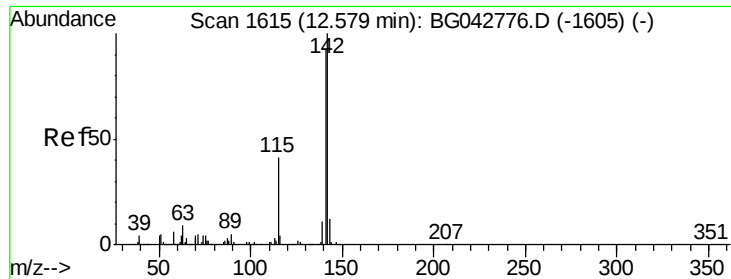
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#36
4-Chloro-3-methylphenol
Concen: 43.608 ng/ml
RT: 12.22 min Scan# 1554
Delta R.T. 0.03 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.9	18.7	28.1	
142	81.0	65.0	97.4	





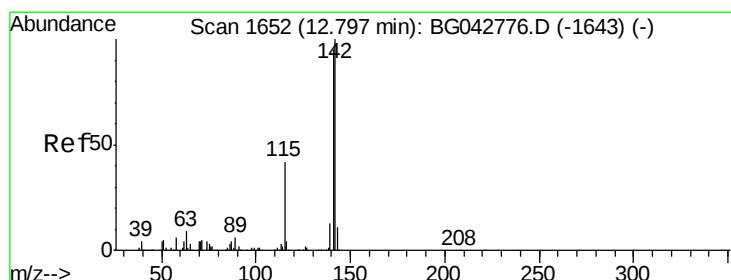
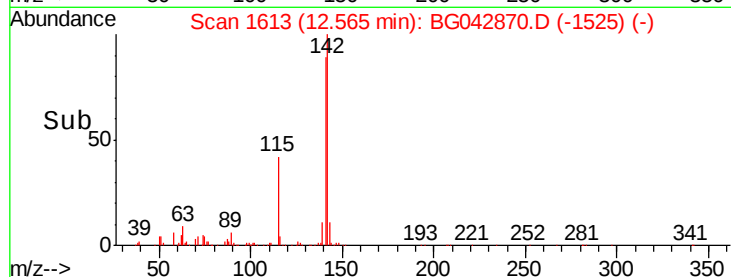
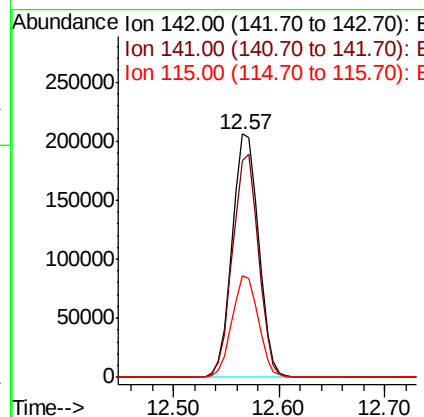
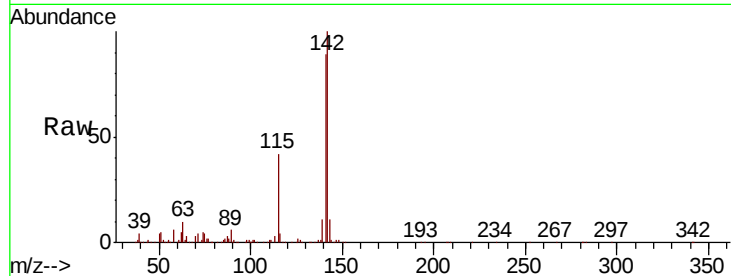
#37
2-Methylnaphthalene
Concen: 42.126 ng
RT: 12.57 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampled :
PB123133BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	356649		
141	88.9	73.8	110.8	
115	41.7	33.0	49.4	

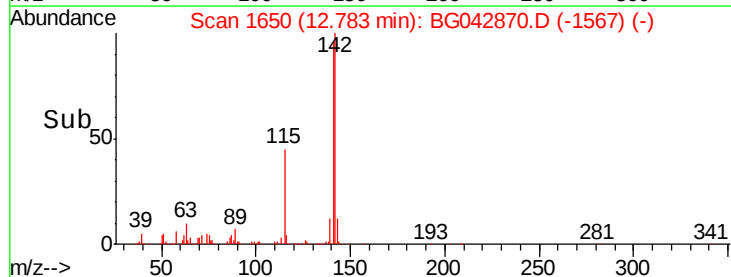
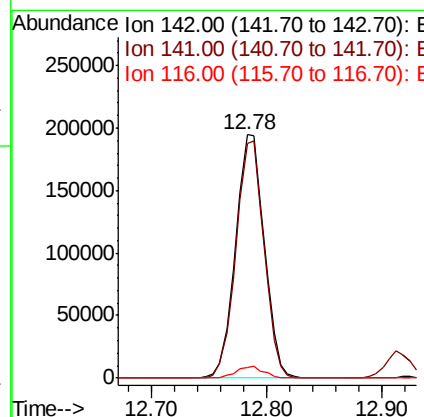
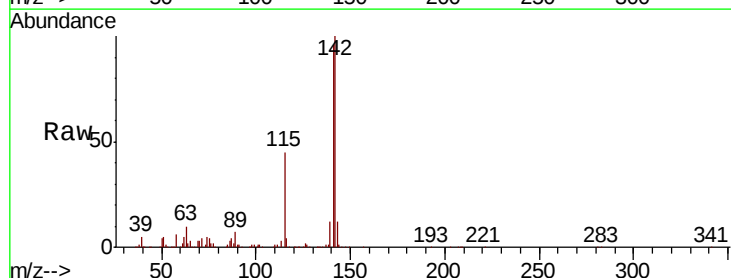
Manual Integrations
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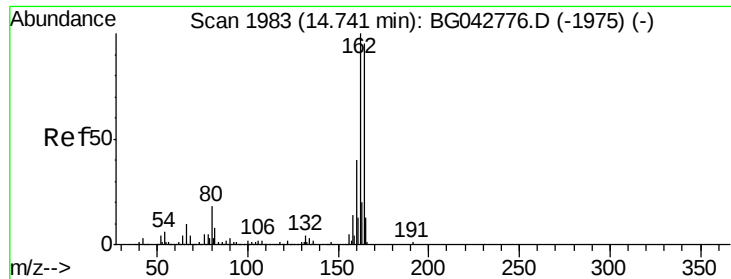
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#38
1-Methylnaphthalene
Concen: 42.208 ng
RT: 12.78 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	335151		
141	96.2	76.3	114.5	
116	4.4	3.4	5.0	





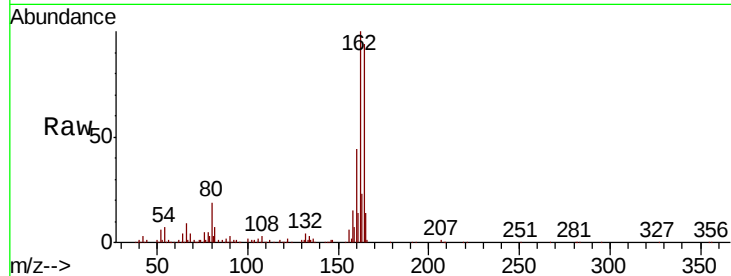
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.9	84.6	126.8
160	47.2	34.2	51.2

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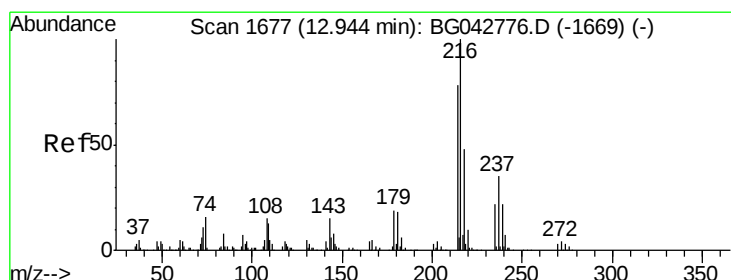
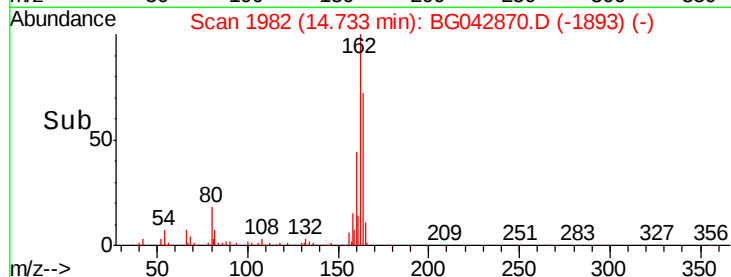
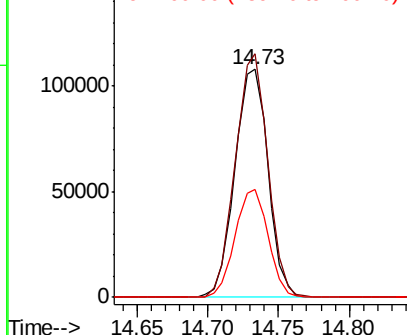


Abundance

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: 40.331 ng
RT: 12.93 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	62.8	94.2
179	19.8	15.3	22.9
108	17.6	12.9	19.3

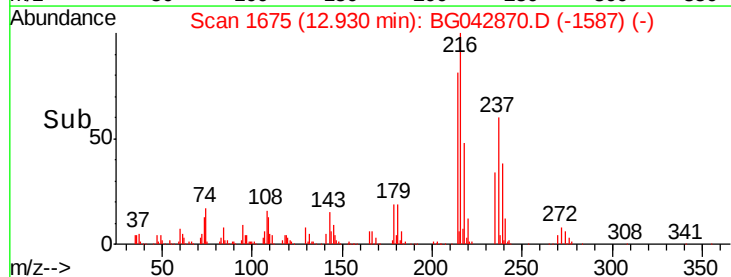
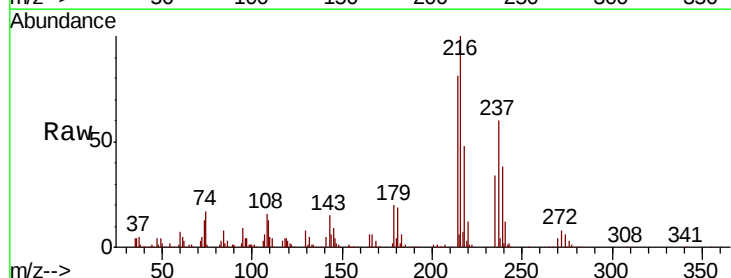
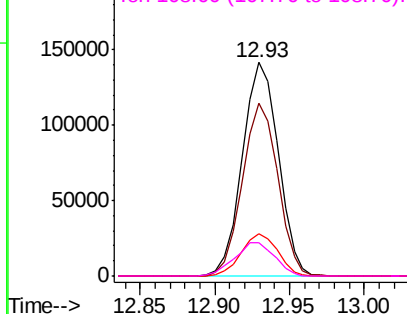
Abundance

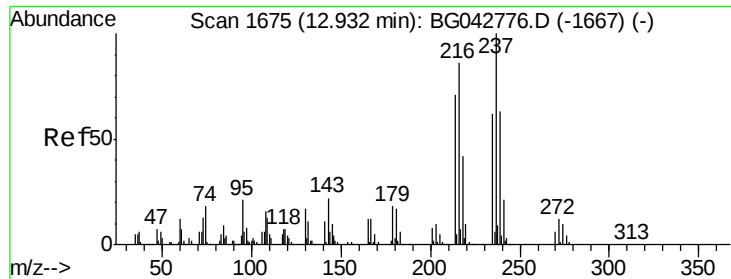
Ion 216.00 (215.70 to 216.70): E

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: 102.217 ng

RT: 12.91 min Scan# 1672

Delta R.T. -0.02 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

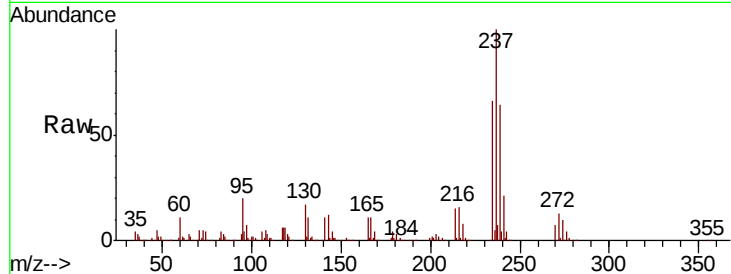
ClientSampleId :

PB123133BS

Tot Ion:	237	Resp:	342511
Ion Ratio	Lower	Upper	
237	100		
235	65.6	41.9	81.9
272	12.8	0.0	31.6

Manual Integrations
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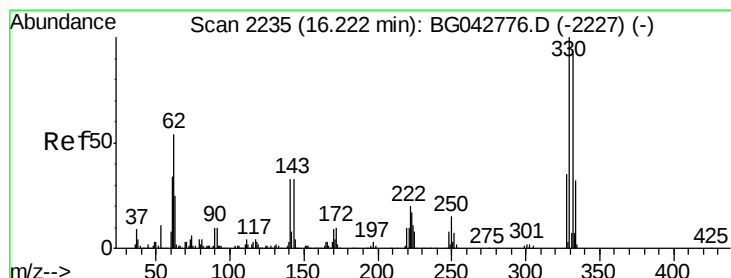
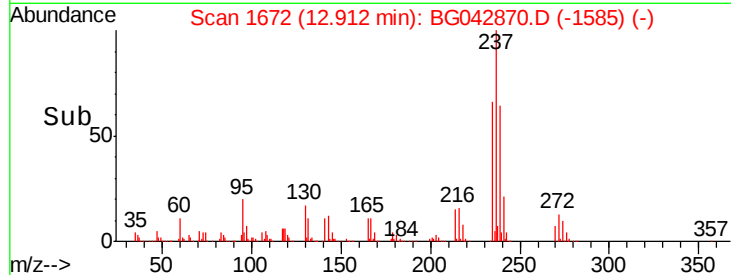
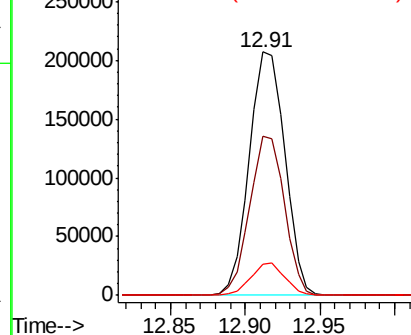


Abundance

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: 129.708 ng

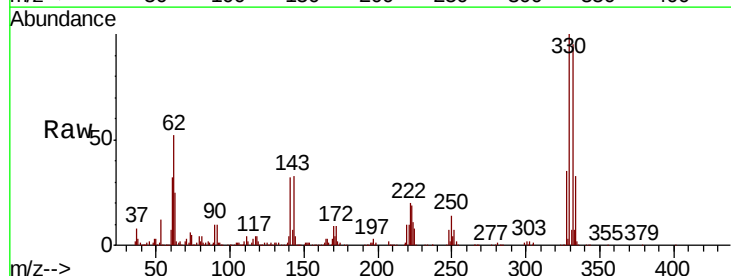
RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Tgt Ion:	330	Resp:	305459
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.7	115.1
141	34.1	27.0	40.6

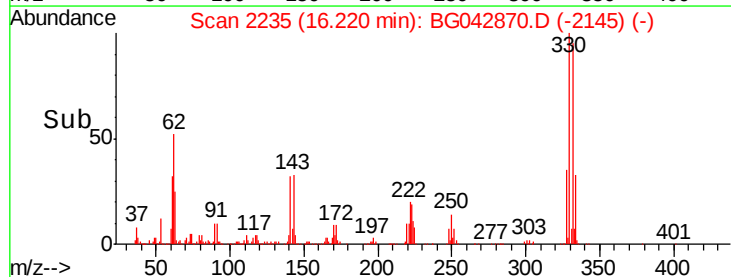
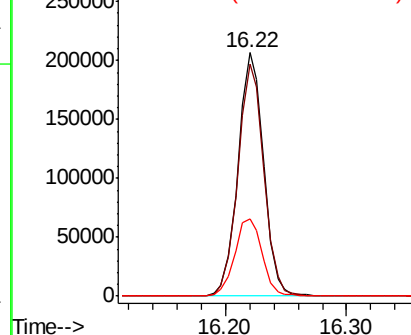


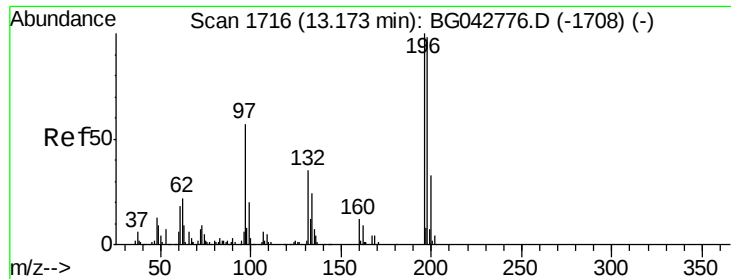
Abundance

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





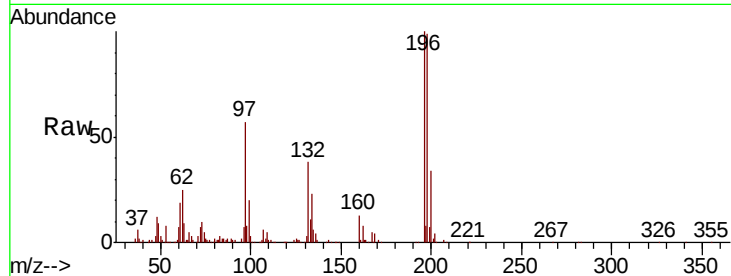
#43
 2,4,6-Trichlorophenol
 Concen: 41.833 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

Instrument :
 BNA_G
 ClientSampled :
 PB123133BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	162902		
198	98.6		78.8	118.2
200	34.4		26.2	39.4

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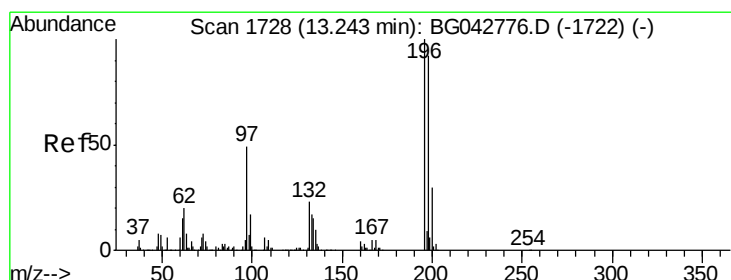
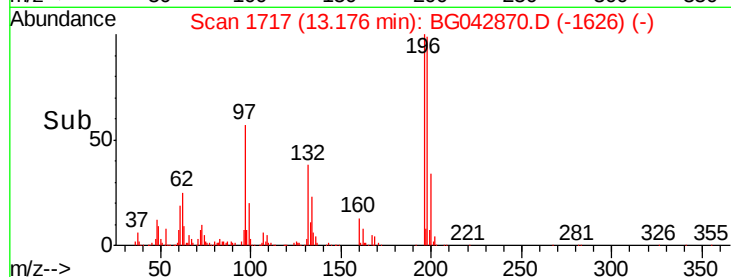
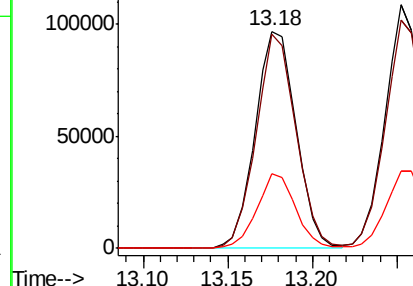


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.011 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. 0.01 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	179536		
198	93.9		73.4	110.0
97	45.5		39.2	58.8
132	23.2		18.7	28.1

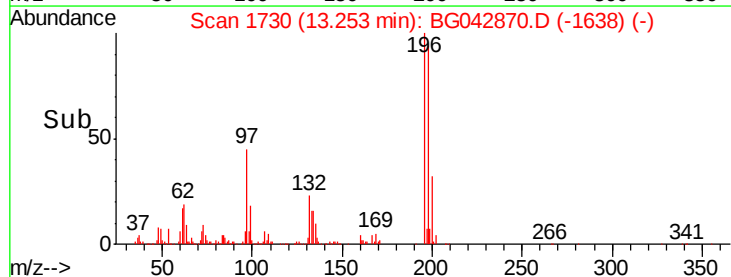
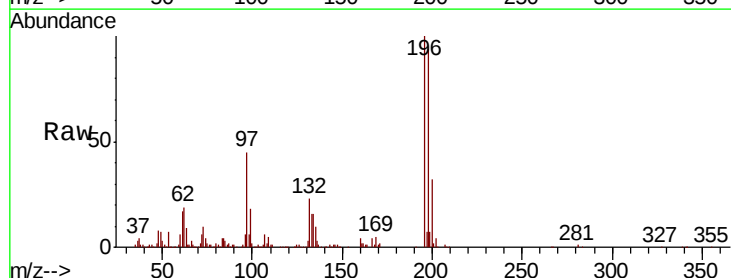
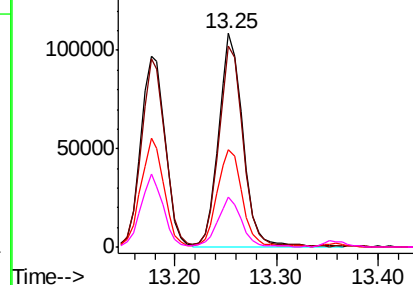
Abundance

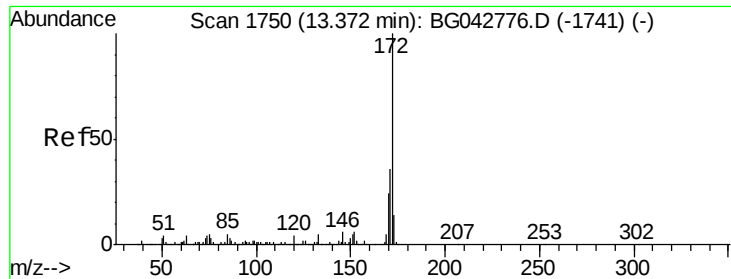
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





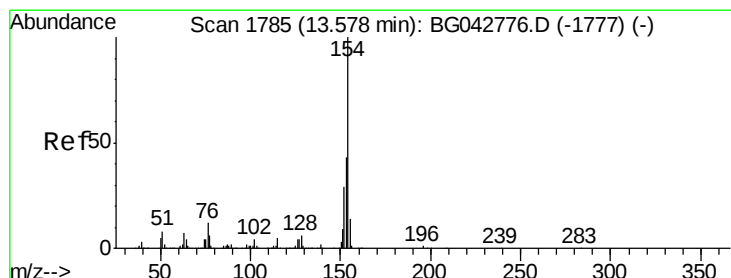
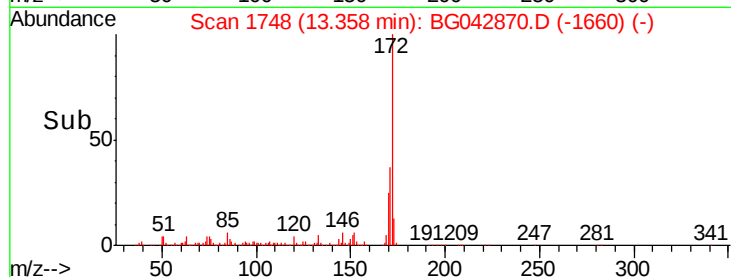
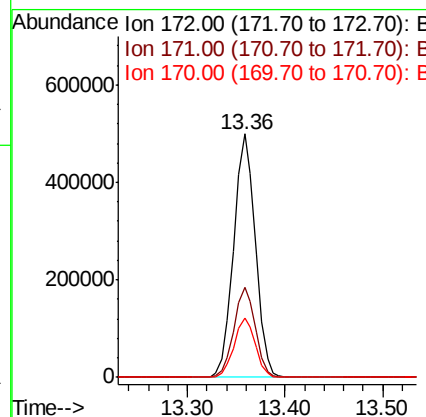
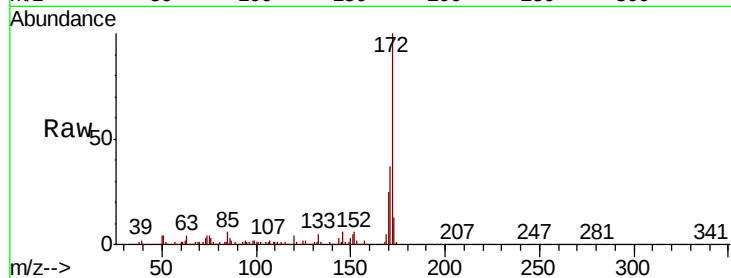
#45
2-Fluorobiphenyl
Concen: 68.697 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	24.6	19.1	28.7

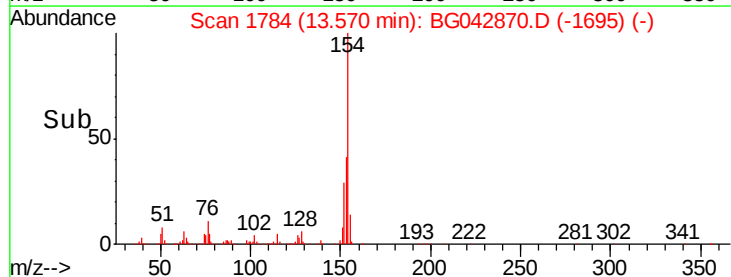
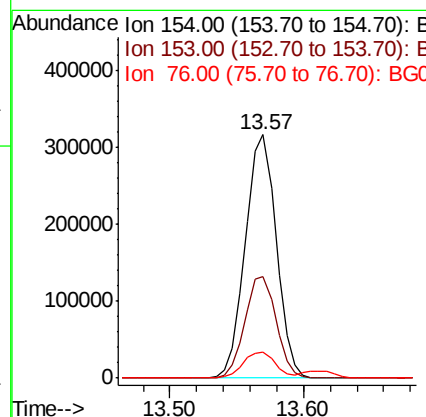
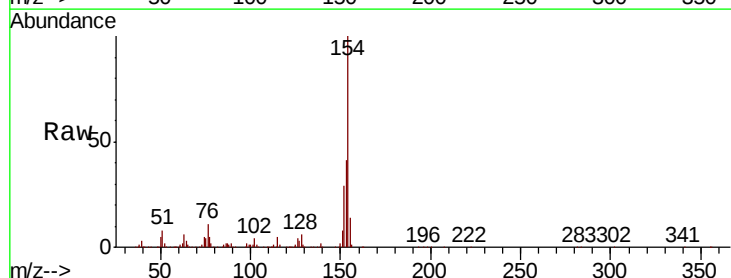
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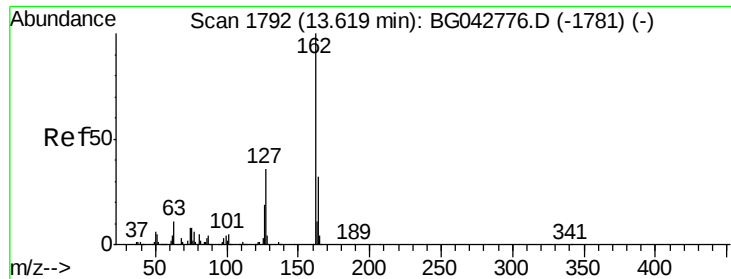
mohammad
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#46
1,1'-Biphenyl
Concen: 40.896 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.6	62.6
76	10.8	0.0	32.2





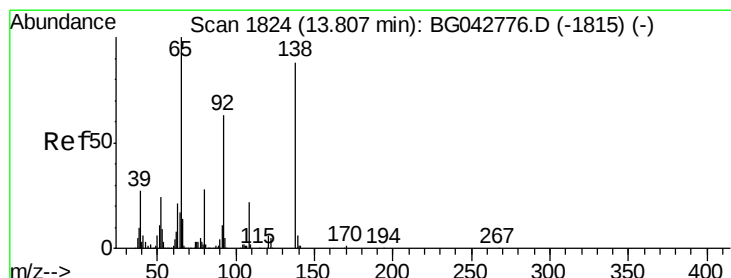
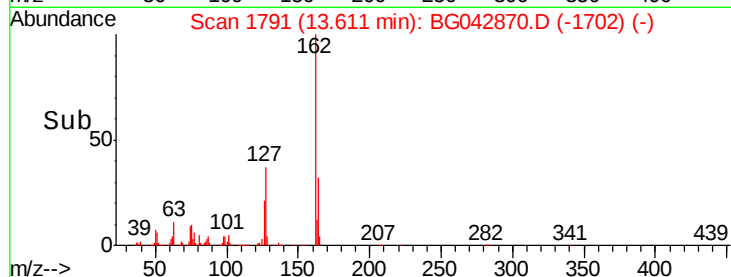
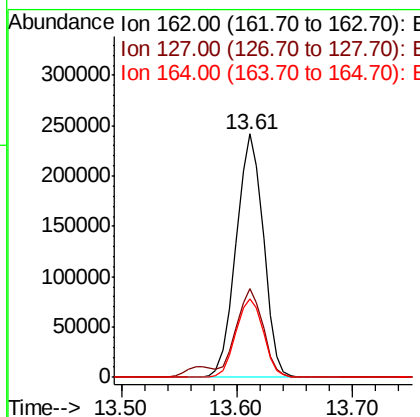
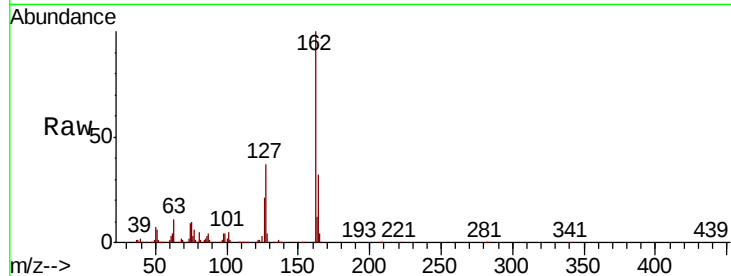
#47
2-Chloronaphthalene
Concen: 38.536 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.5	29.3	43.9
164	32.3	26.0	39.0

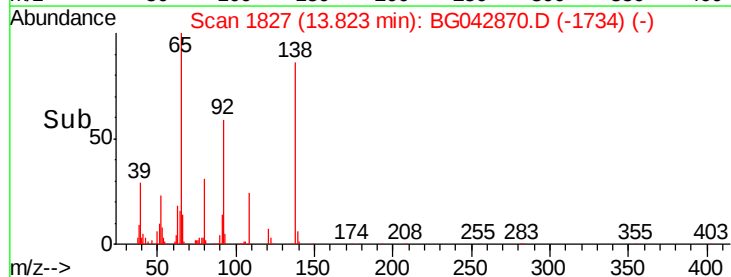
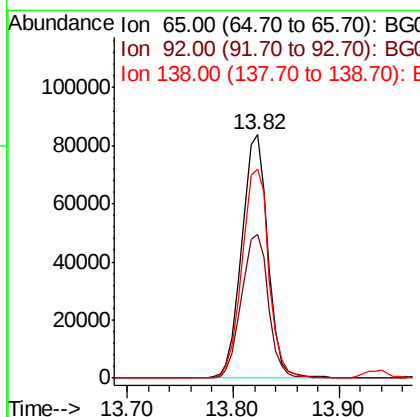
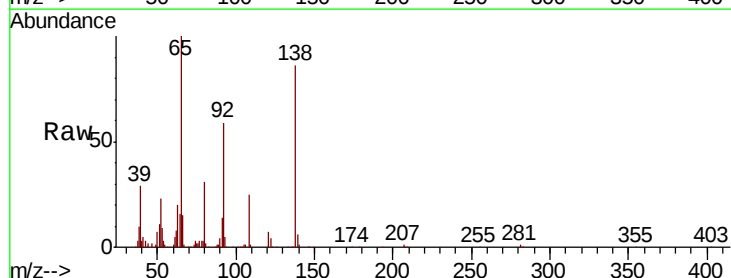
Manual Integrations
APPROVED

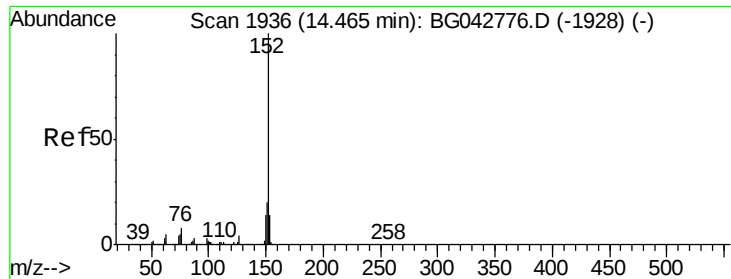
mohammad
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#48
2-Nitroaniline
Concen: 40.358 ng
RT: 13.82 min Scan# 1827
Delta R.T. 0.02 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.0	50.4	75.6
138	85.9	70.6	106.0





#49

Acenaphthylene

Concen: 41.654 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

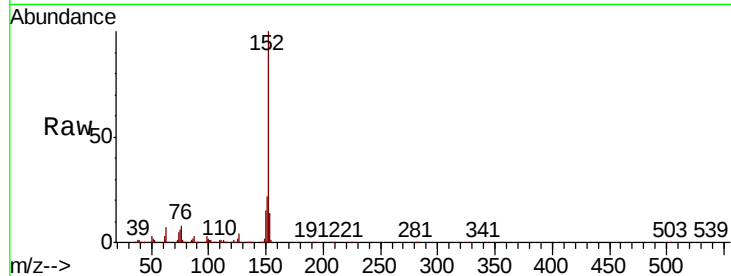
ClientSampled :

PB123133BS

Tot Ion:	152	Resp:	652503
Ion Ratio	Lower	Upper	
152	100		
151	21.6	16.0	24.0
153	13.8	11.4	17.0

Manual Integrations
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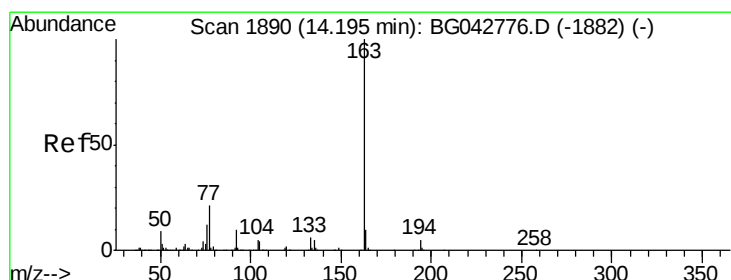
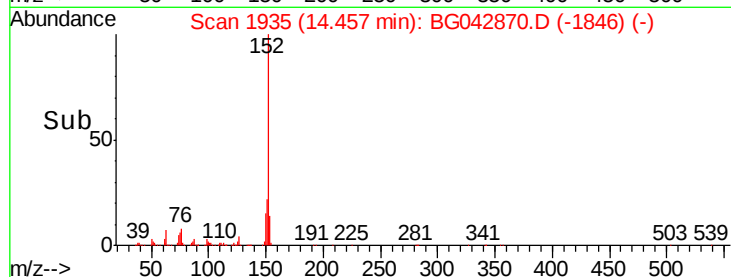
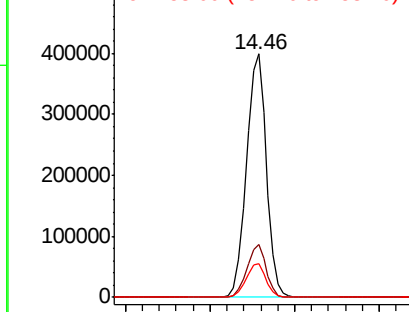


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.016 ng

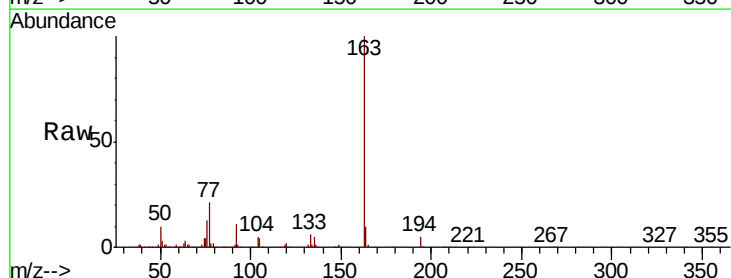
RT: 14.20 min Scan# 1892

Delta R.T. 0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Tgt Ion:	163	Resp:	530623
Ion Ratio	Lower	Upper	
163	100		
194	4.6	4.2	6.4
164	9.8	8.4	12.6

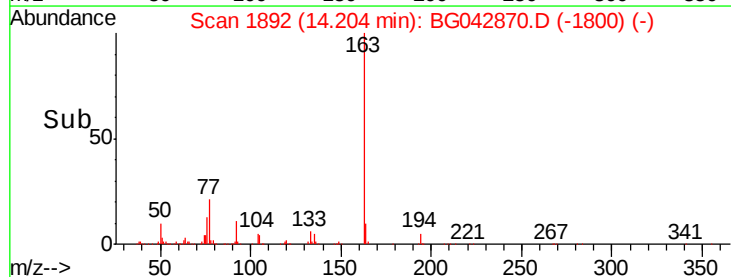
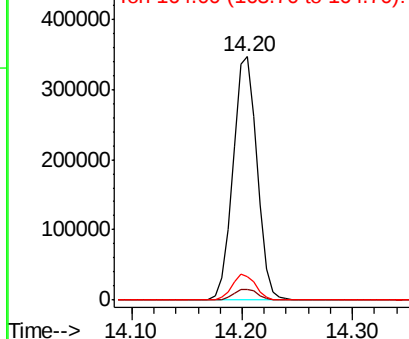


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.107 ng

RT: 14.30 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

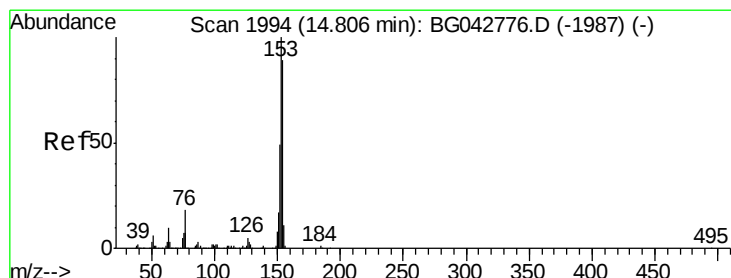
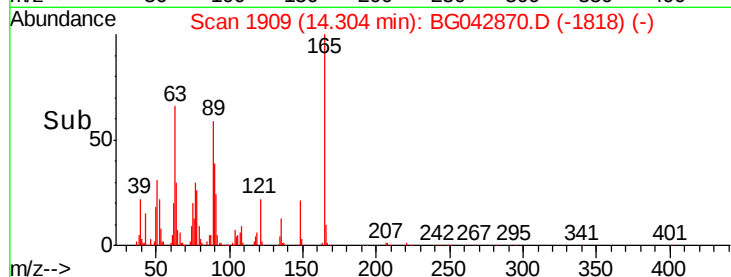
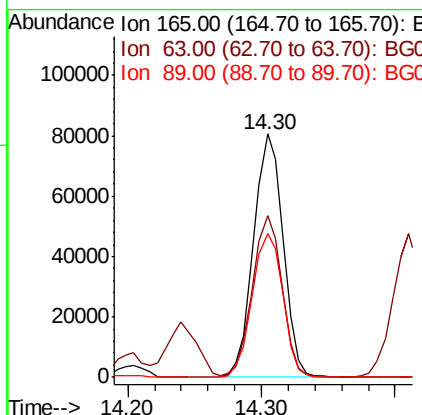
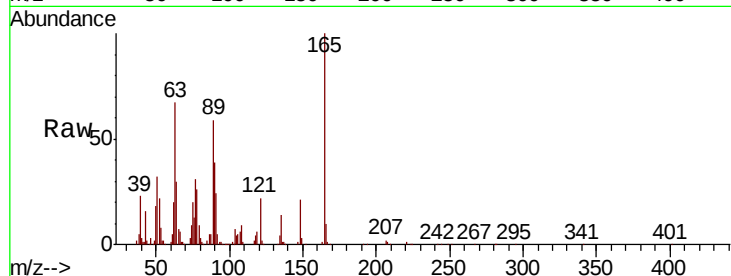
ClientSampleId :

PB123133BS

Tot Ion:	165	Resp:	122730
Ion Ratio	Lower	Upper	
165	100		
63	66.7	52.1	78.1
89	58.9	51.7	77.5

Manual Integrations
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#52

Acenaphthene

Concen: 37.606 ng

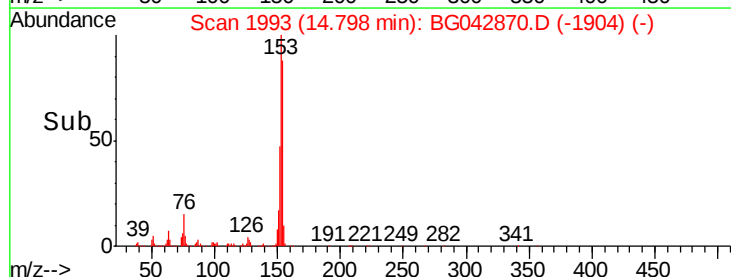
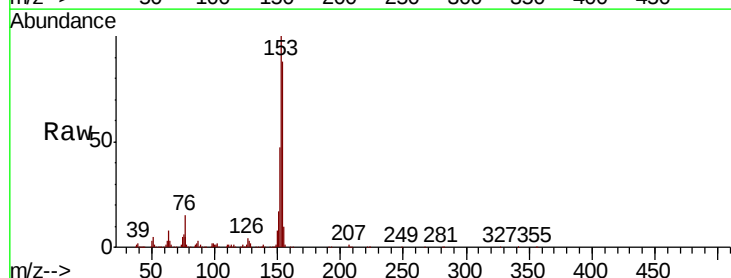
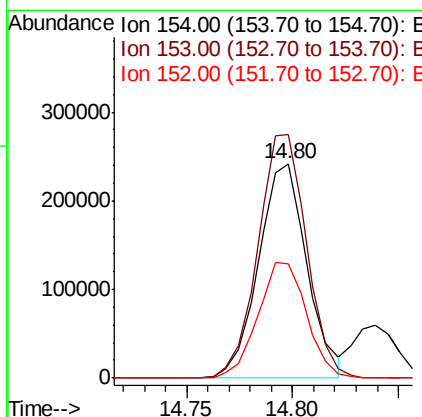
RT: 14.80 min Scan# 1993

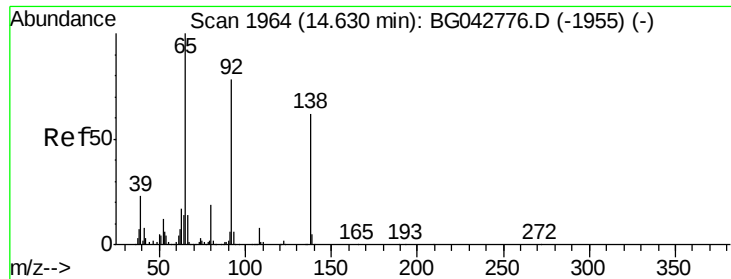
Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Tgt Ion:	154	Resp:	384858
Ion Ratio	Lower	Upper	
154	100		
153	113.7	89.4	134.2
152	53.2	43.5	65.3





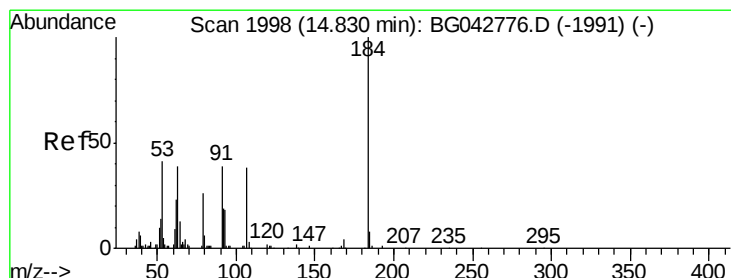
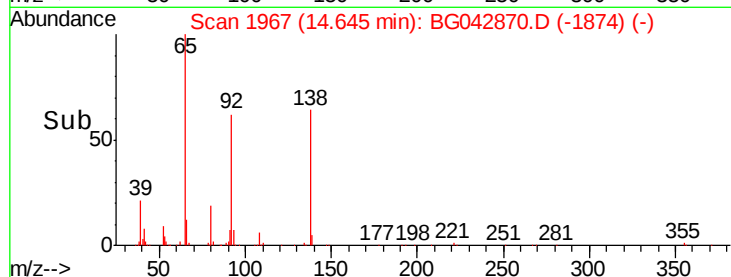
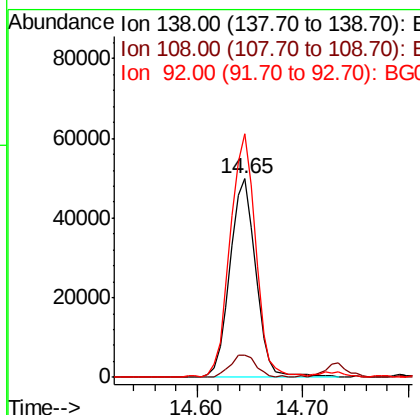
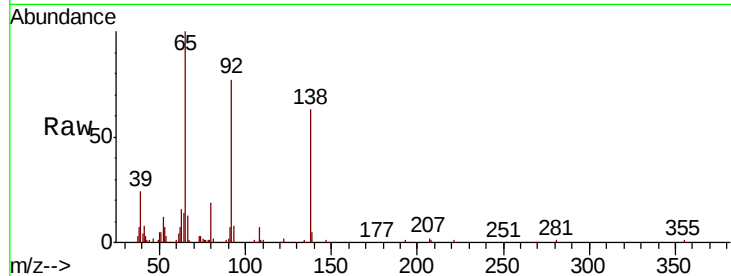
#53
3-Nitroaniline
Concen: 27.581 ng
RT: 14.65 min Scan# 1967
Delta R.T. 0.02 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	10.7	16.1
92	122.6	100.5	150.7

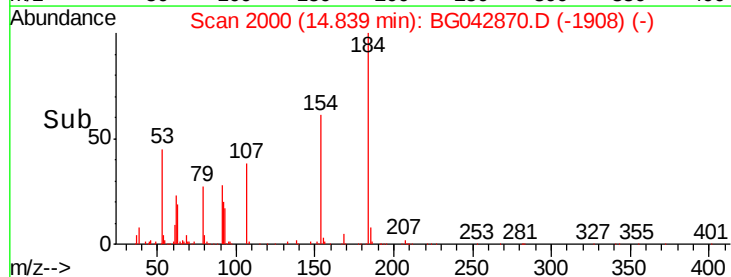
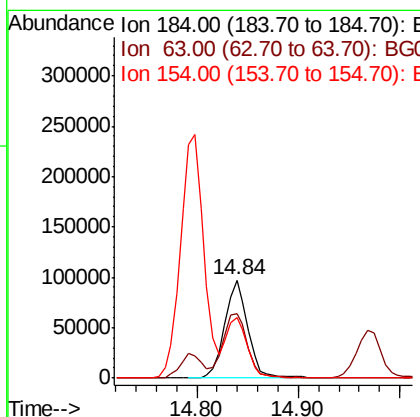
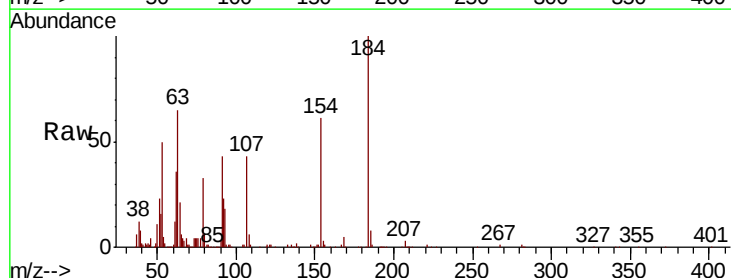
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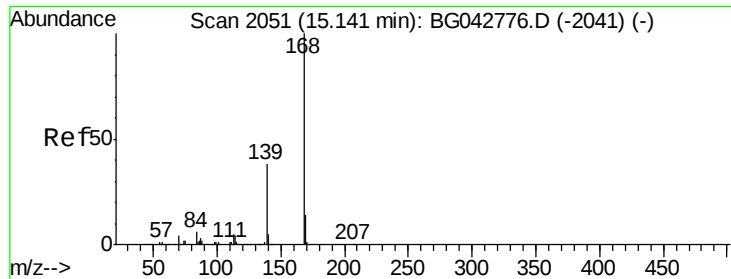
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#54
2,4-Dinitrophenol
Concen: 114.828 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.5	46.2	69.4
154	61.3	81.3	121.9#





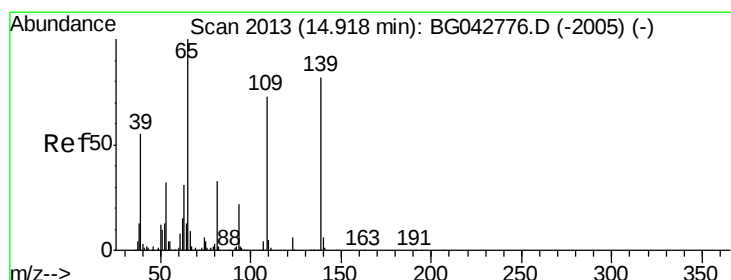
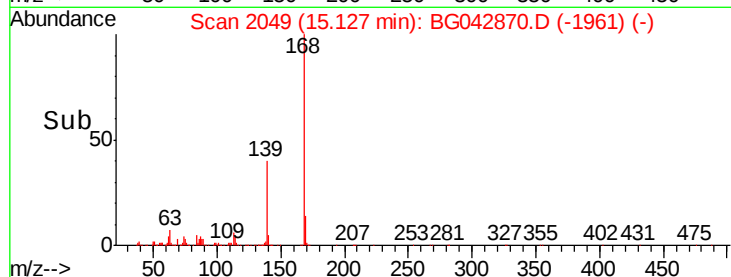
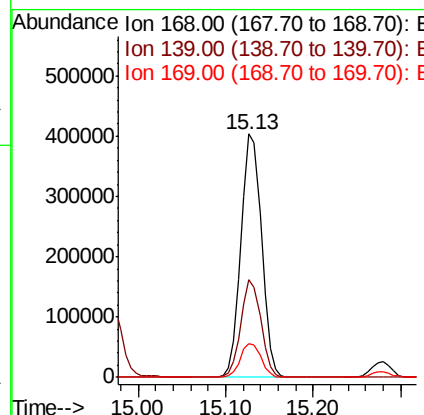
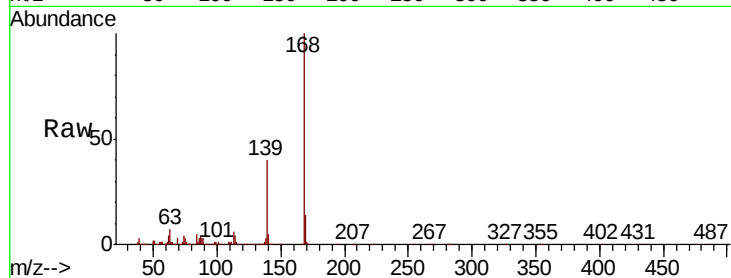
#55
Dibenzenofuran
Concen: 42.076 ng
RT: 15.13 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampled :
PB123133BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	30.2	45.4
169	14.0	11.2	16.8

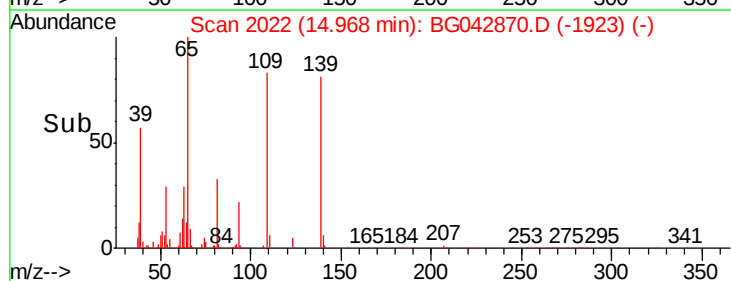
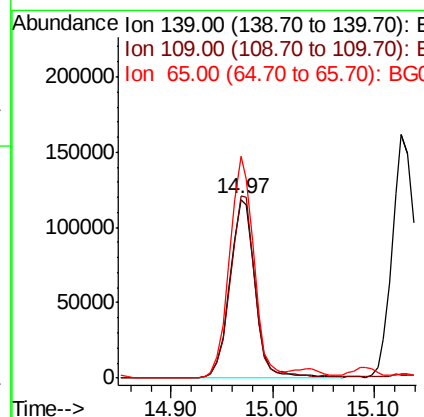
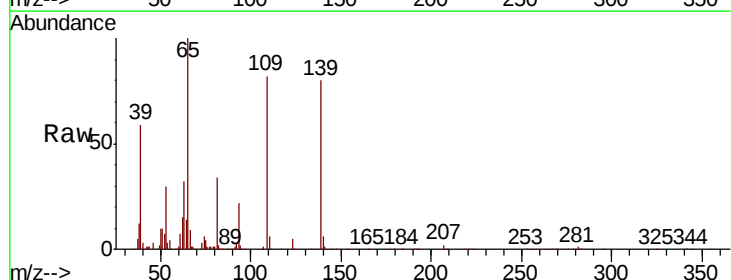
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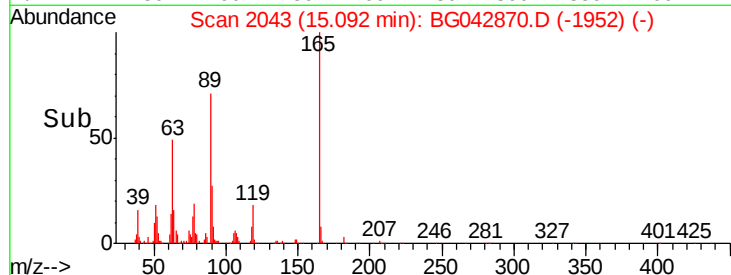
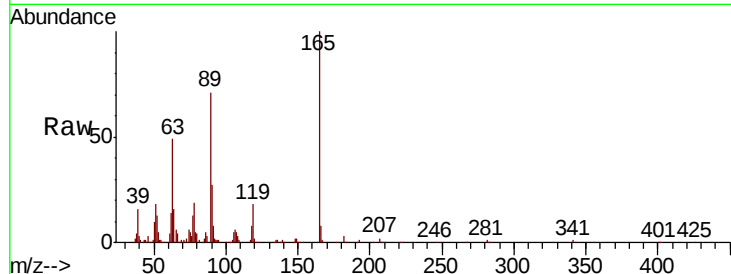
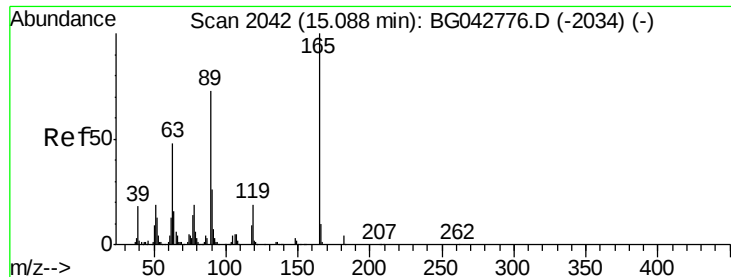
mohammad
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#56
4-Nitrophenol
Concen: 86.805 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.05 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.4	69.4	109.4
65	124.2	102.5	142.5





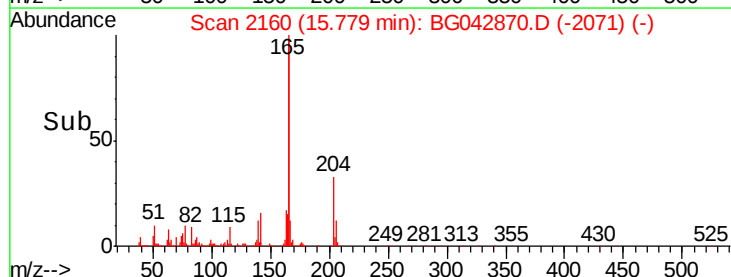
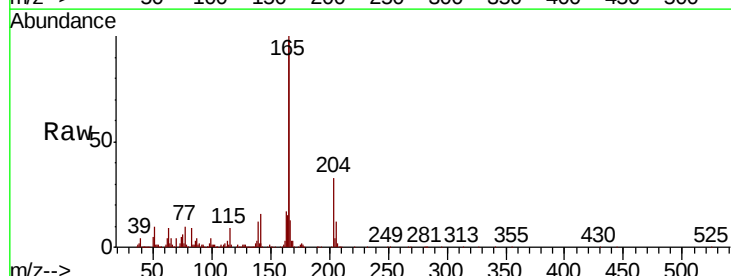
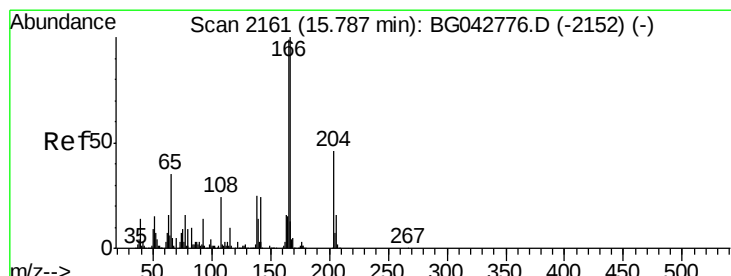
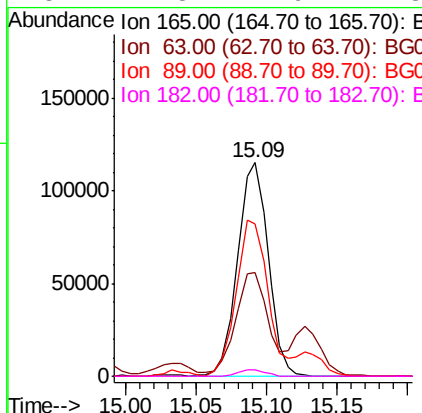
#57
2,4-Dinitrotoluene
Concen: 47.865 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	48.8	38.3	57.5
89	71.0	58.4	87.6
182	2.8	2.9	4.3

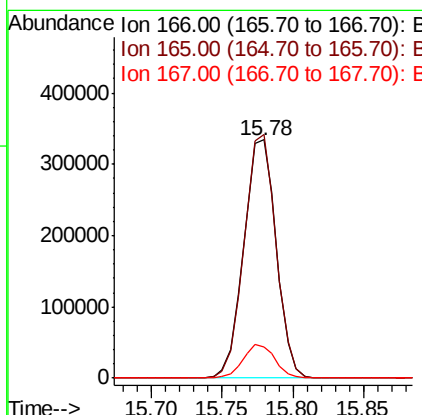
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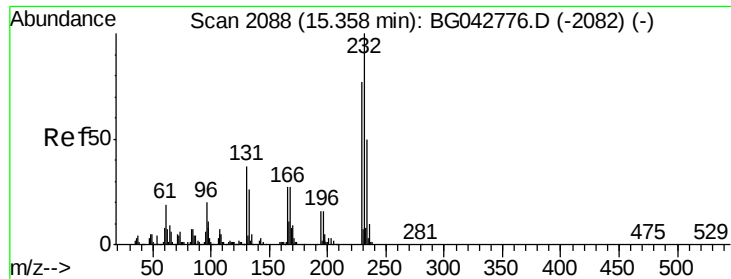
mohammad
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#58
Fluorene
Concen: 42.799 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	102.3	79.1	118.7
167	13.1	10.7	16.1





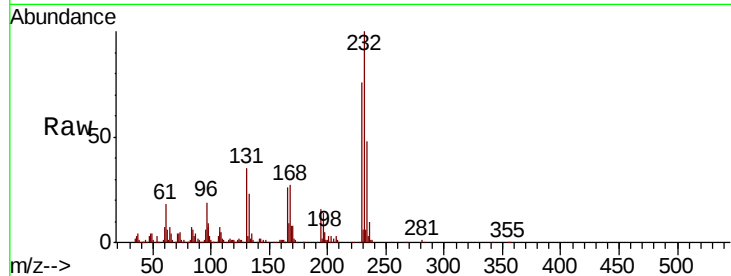
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.020 ng
 RT: 15.36 min Scan# 2089
 Delta R.T. 0.00 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

Instrument :
 BNA_G
 ClientSampleId :
 PB123133BS

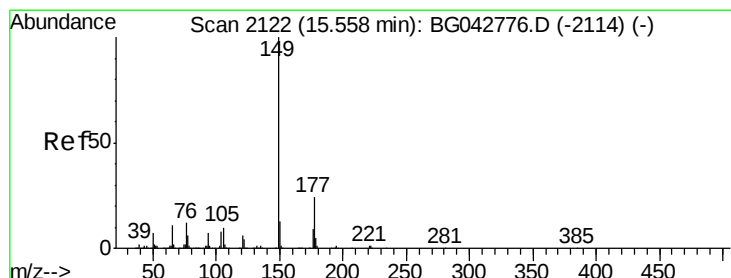
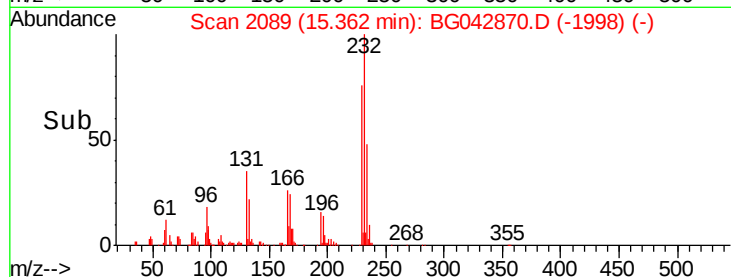
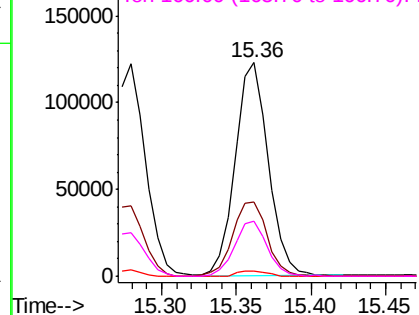
Tot Ion	Ratio	Resp	Lower	Upper
232	100	189541		
131	37.4		31.1	46.7
130	2.2		1.8	2.6
166	25.9		21.7	32.5

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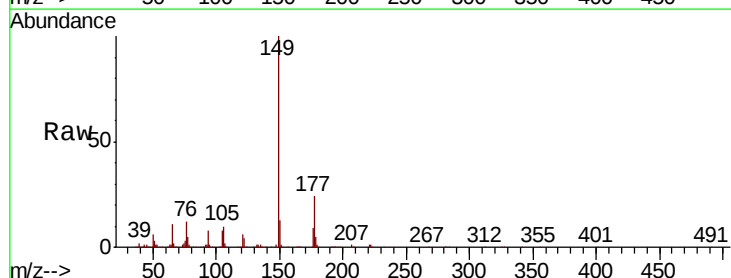


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

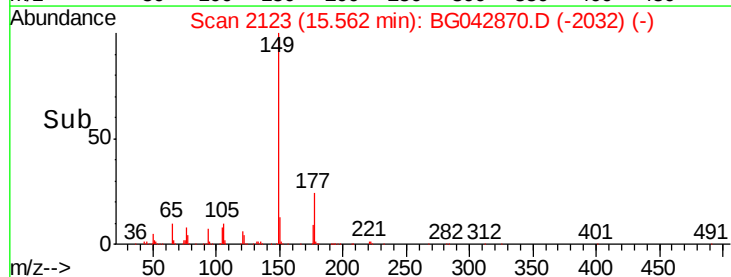
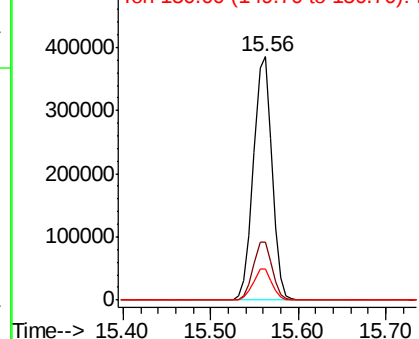


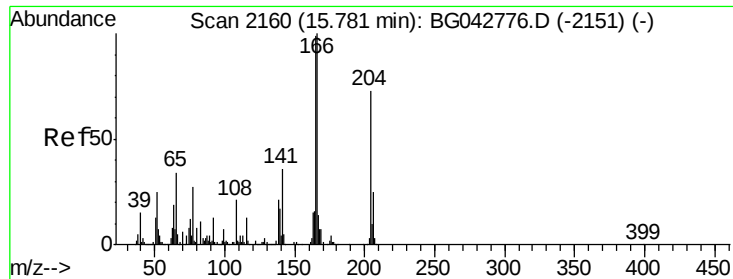
#60
 Diethylphthalate
 Concen: 40.587 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	546300		
177	24.0		19.4	29.0
150	12.8		10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 42.817 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

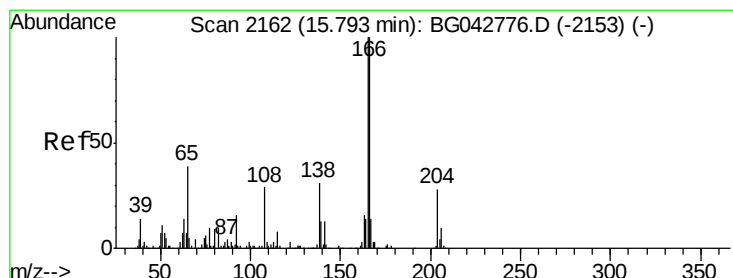
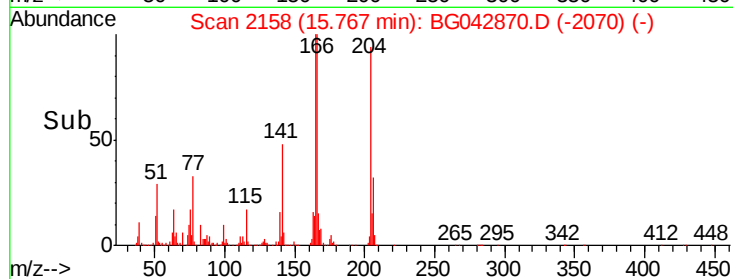
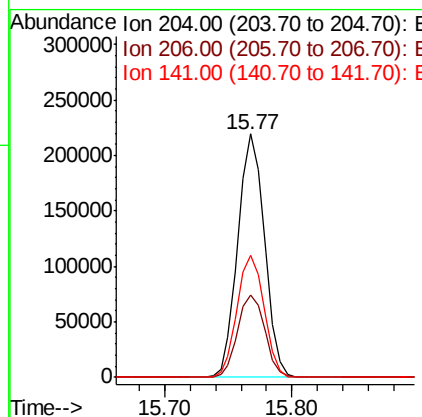
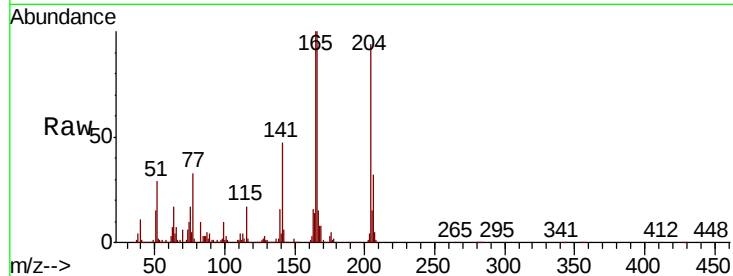
ClientSampleId :

PB123133BS

Tot Ion:	204	Resp:	319157
Ion Ratio	Lower	Upper	
204	100		
206	33.6	27.6	41.4
141	50.4	39.8	59.6

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#62

4-Nitroaniline

Concen: 38.822 ng

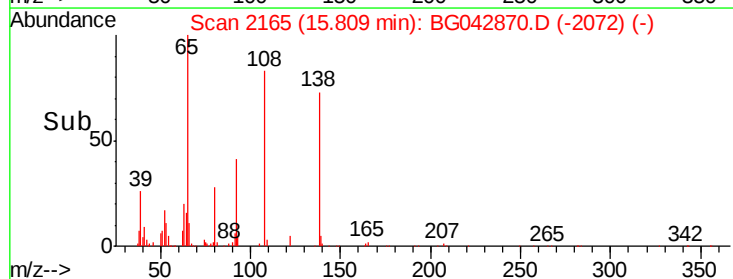
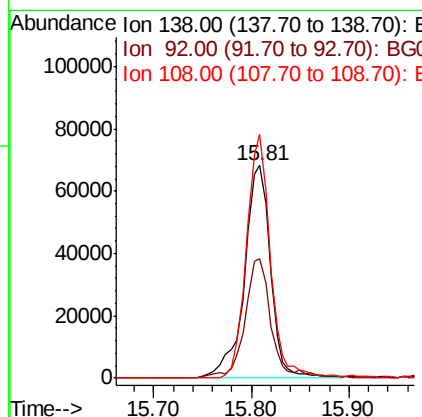
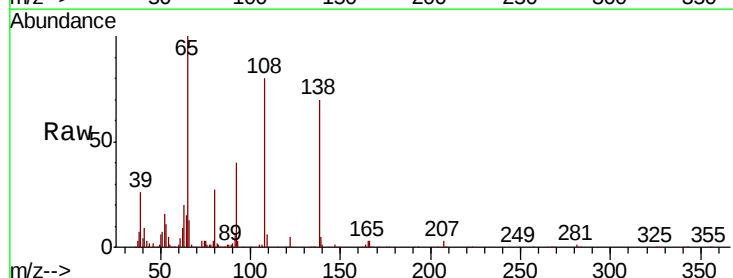
RT: 15.81 min Scan# 2165

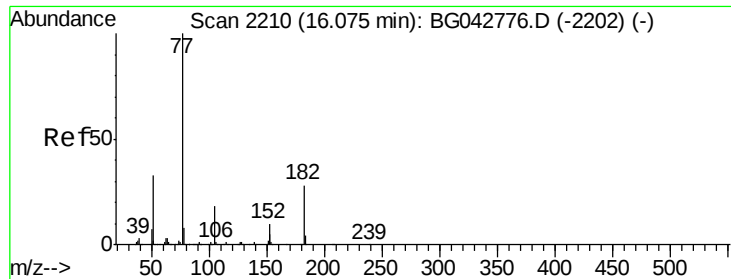
Delta R.T. 0.02 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Tgt Ion:	138	Resp:	127784
Ion Ratio	Lower	Upper	
138	100		
92	56.2	31.4	71.4
108	114.4	74.8	114.8





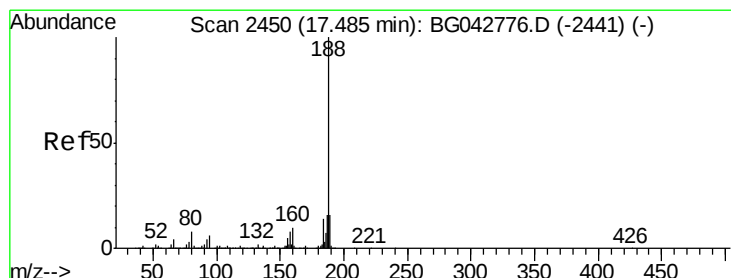
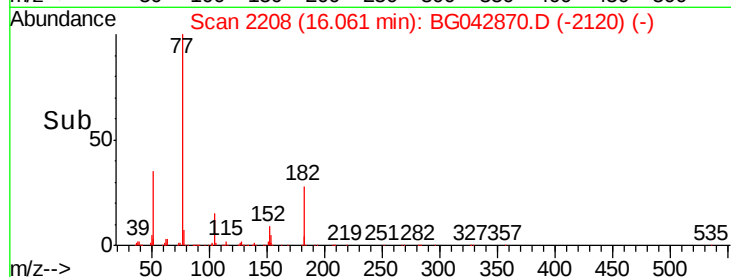
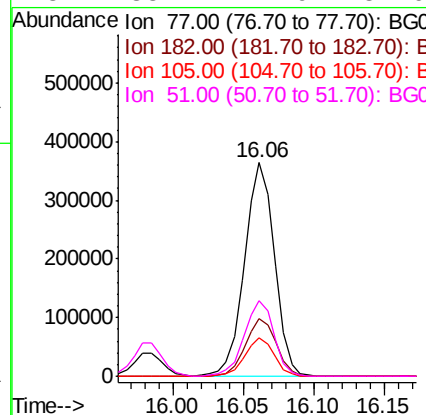
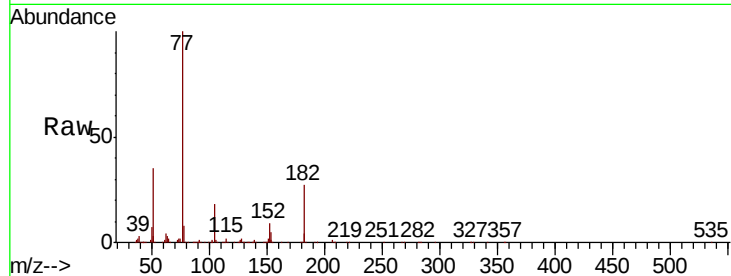
#63
Azobenzene
Concen: 41.527 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.3	8.1	48.1		
105	17.9	0.0	38.1		
51	35.1	12.9	52.9		

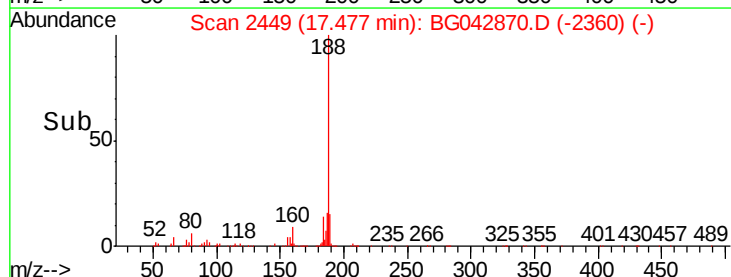
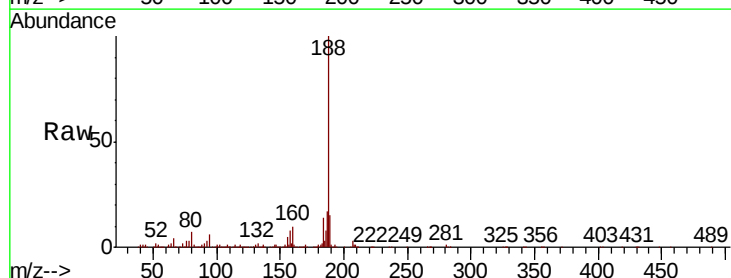
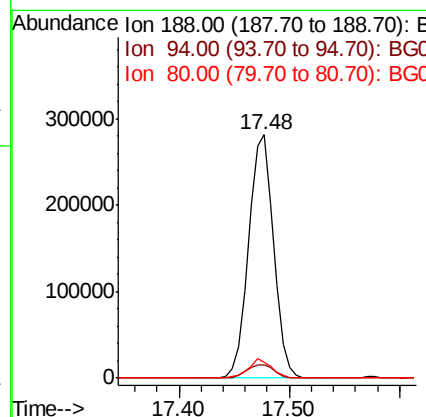
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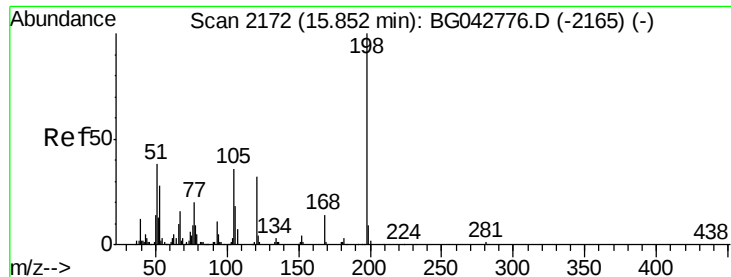
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	5.5	4.8	7.2		
80	6.5	6.6	9.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 59.882 ng

RT: 15.86 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

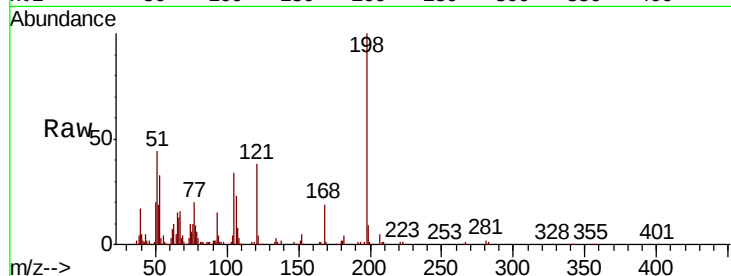
ClientSampleId :

PB123133BS

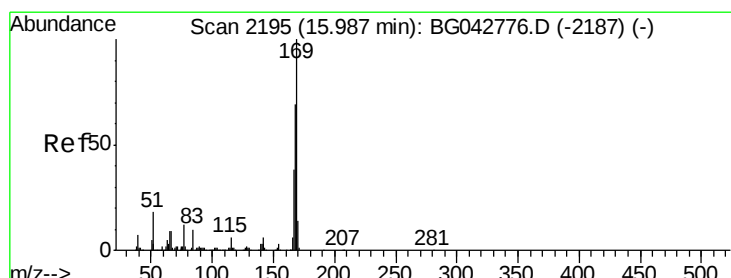
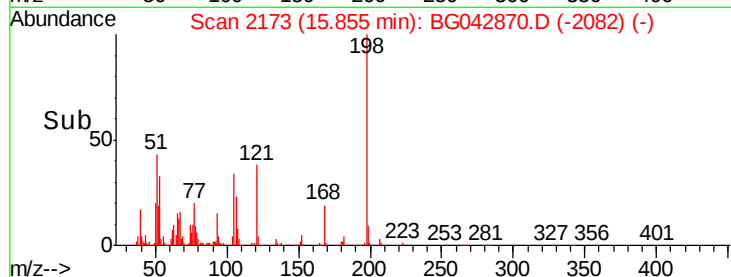
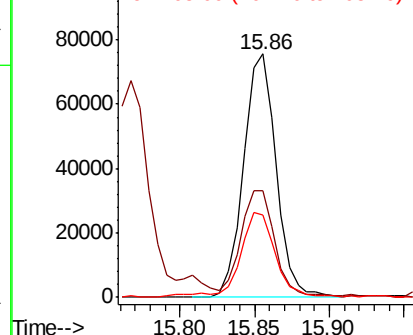
Tot Ion:	198	Resp:	114268
Ion Ratio	Lower	Upper	
198	100		
51	43.7	20.9	60.9
105	34.1	16.4	56.4

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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: 40.695 ng

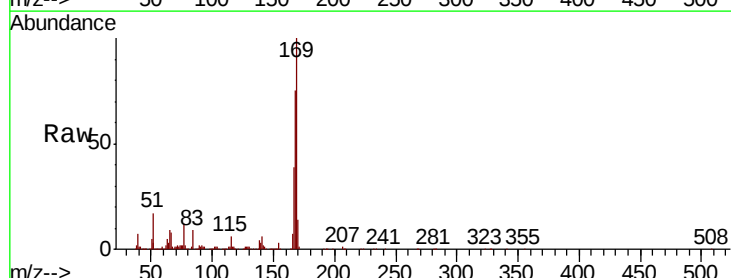
RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

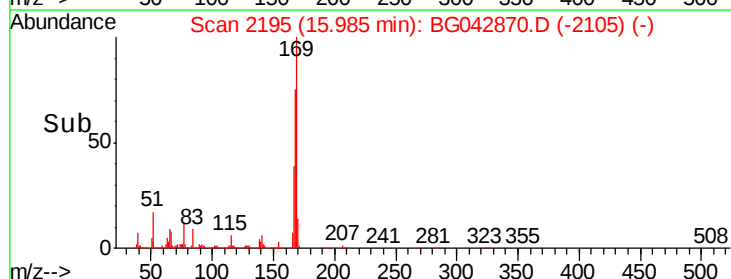
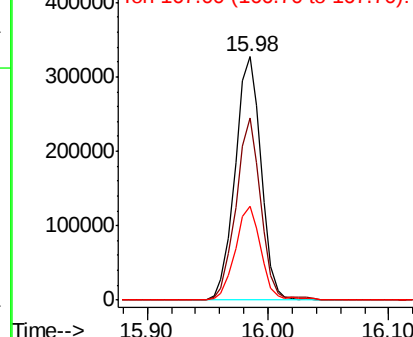
Lab File: BG042870.D

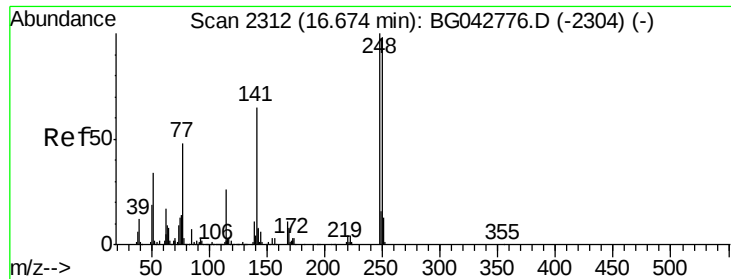
Acq: 17 Sep 2019 16:51

Tgt Ion:	169	Resp:	488365
Ion Ratio	Lower	Upper	
169	100		
168	74.6	55.4	83.2
167	38.6	30.4	45.6



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





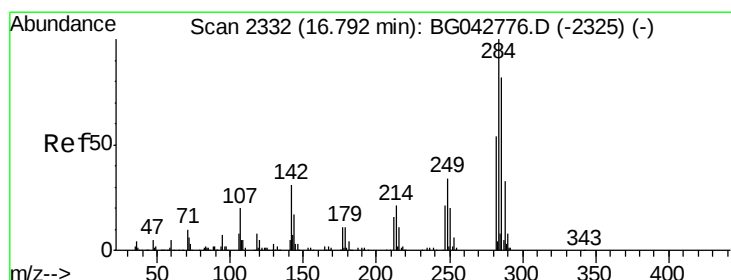
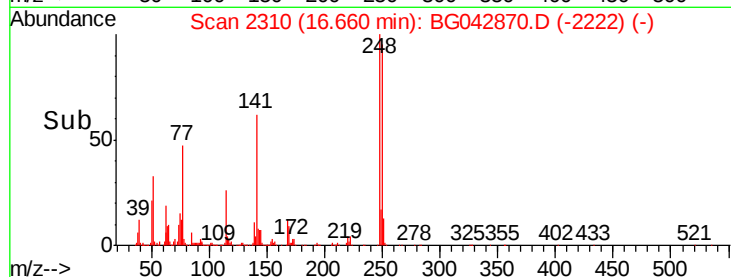
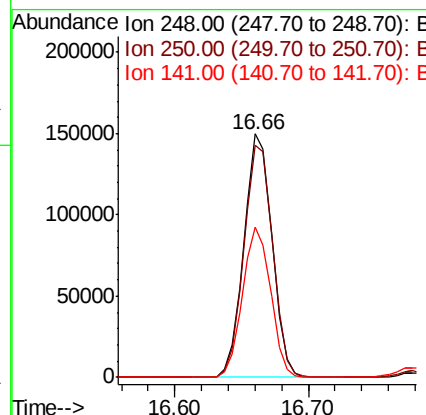
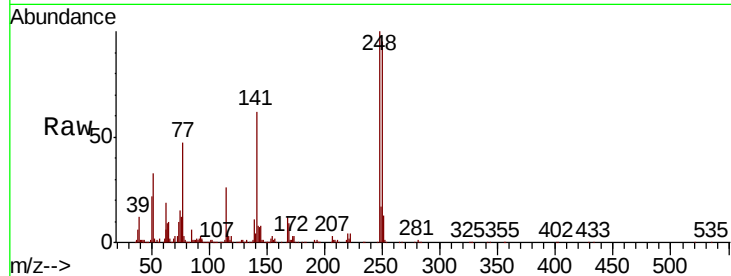
#67
 4-Bromophenyl-phenylether
 Concen: 40.434 ng
 RT: 16.66 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

Instrument :
 BNA_G
 ClientSampleId :
 PB123133BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	78.0	117.0
141	61.6	51.8	77.6

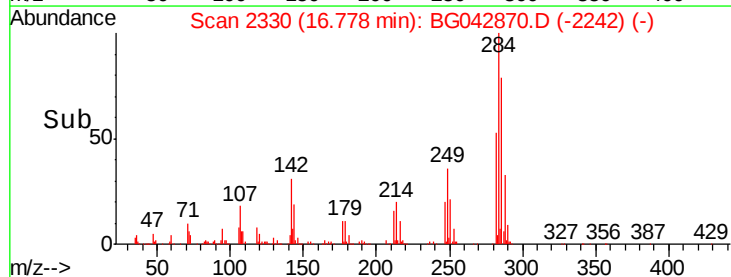
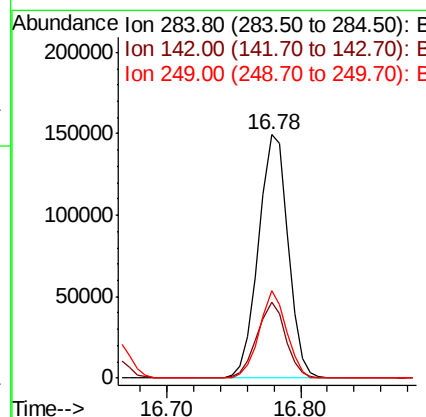
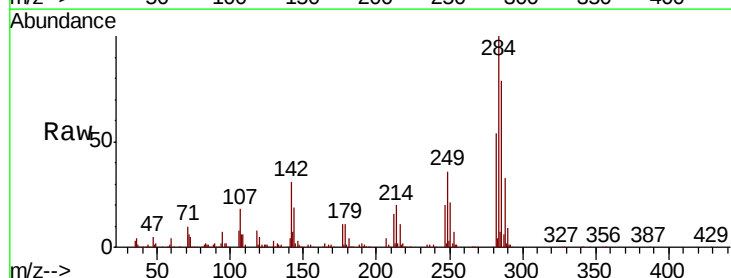
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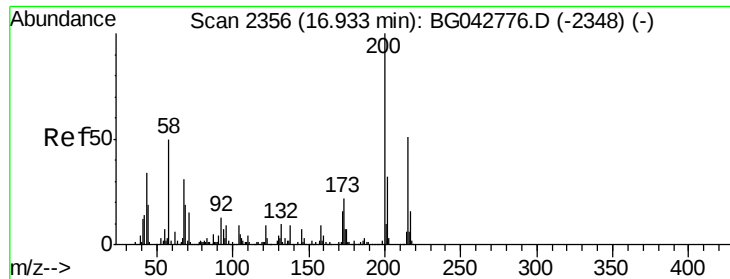
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#68
 Hexachlorobenzene
 Concen: 39.590 ng
 RT: 16.78 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	24.7	37.1
249	38.4	27.0	40.4





#69

Atrazine

Concen: 45.864 ng

RT: 16.95 min Scan# 2359

Delta R.T. 0.02 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

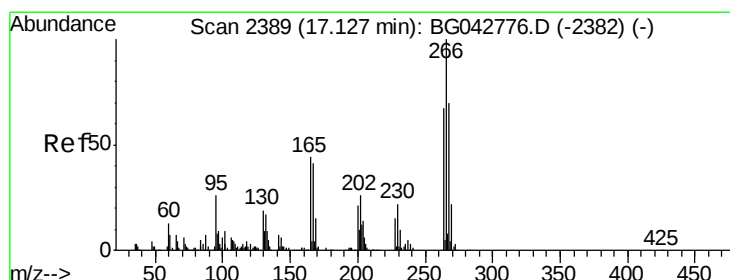
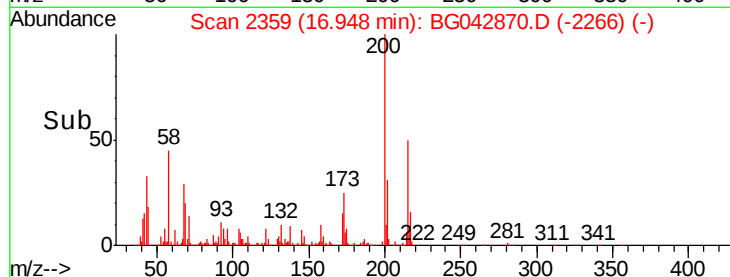
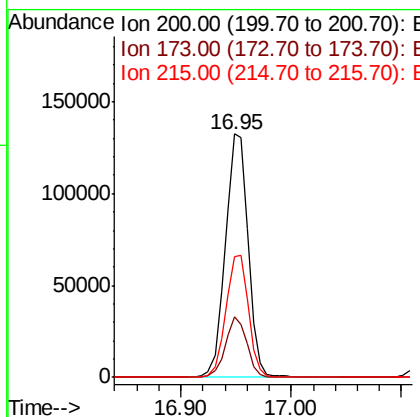
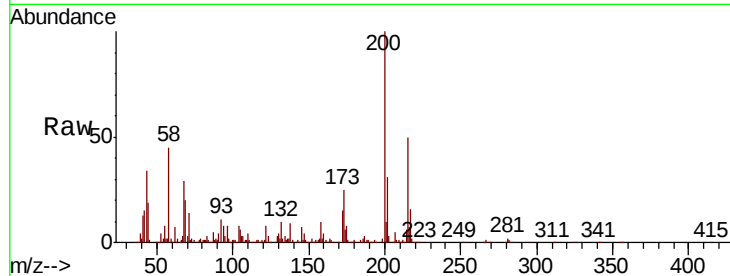
ClientSampleId :

PB123133BS

Tot Ion:	200	Resp:	191665
Ion Ratio	Lower	Upper	
200	100		
173	24.9	2.5	42.5
215	49.6	31.0	71.0

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#70

Pentachlorophenol

Concen: 90.319 ng

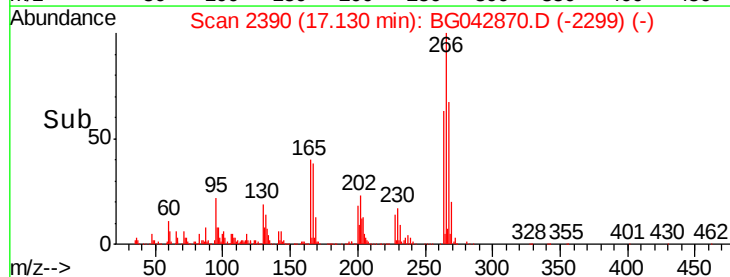
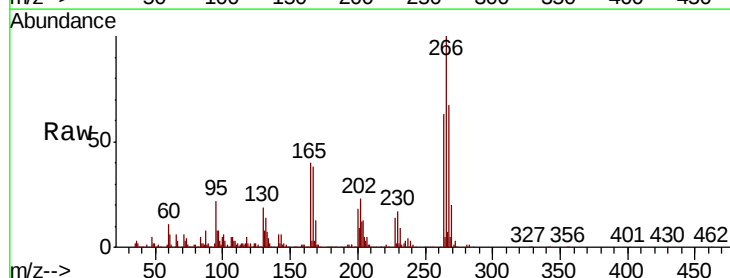
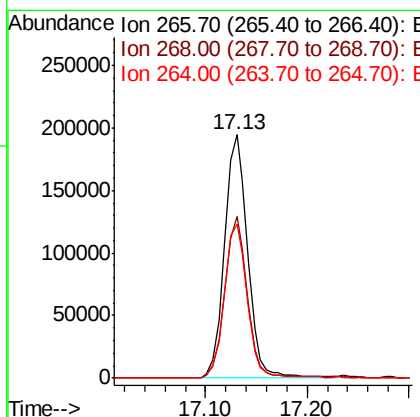
RT: 17.13 min Scan# 2390

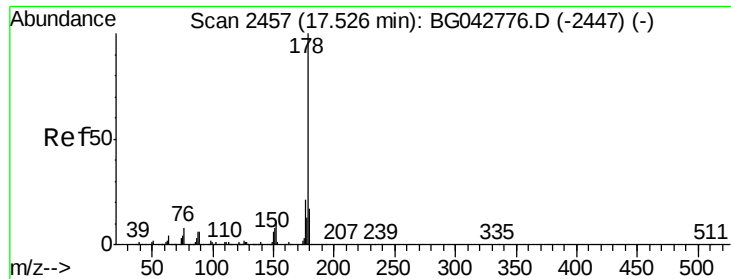
Delta R.T. 0.00 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Tgt Ion:	266	Resp:	309038
Ion Ratio	Lower	Upper	
266	100		
268	66.6	56.2	84.4
264	63.1	53.4	80.2





#71

Phenanthrene

Concen: 40.804 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

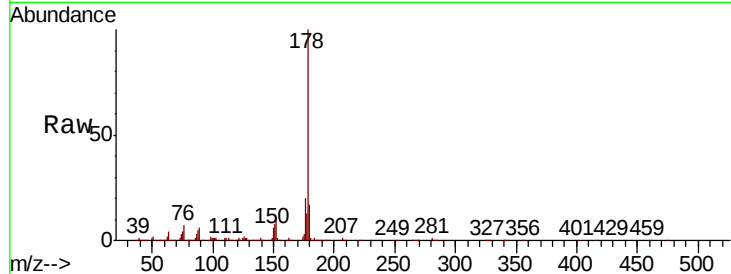
ClientSampleId :

PB123133BS

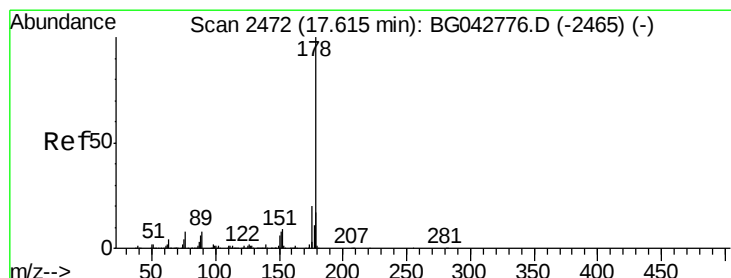
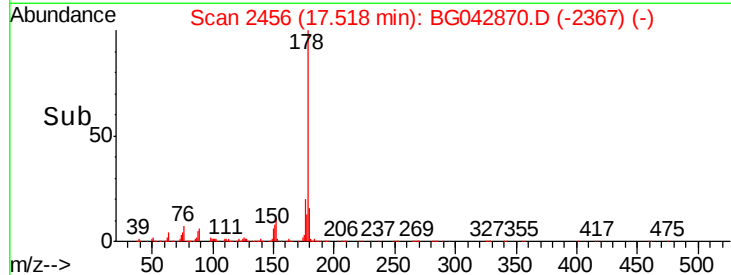
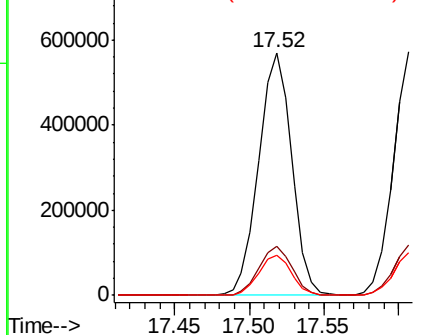
Tot Ion:178	Resp:	870260
Ion Ratio	Lower	Upper
178	100	
176	20.3	17.0 25.4
179	16.5	13.6 20.4

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



#72

Anthracene

Concen: 41.281 ng

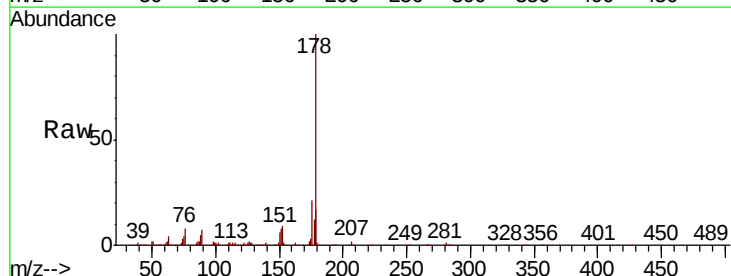
RT: 17.61 min Scan# 2471

Delta R.T. -0.01 min

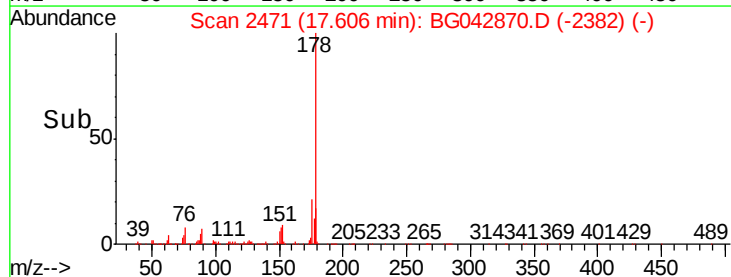
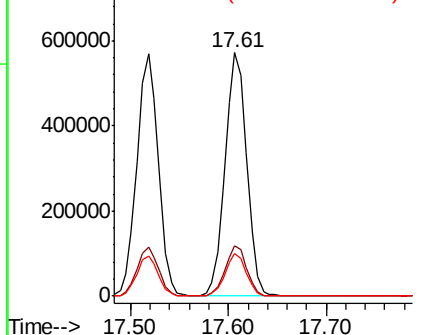
Lab File: BG042870.D

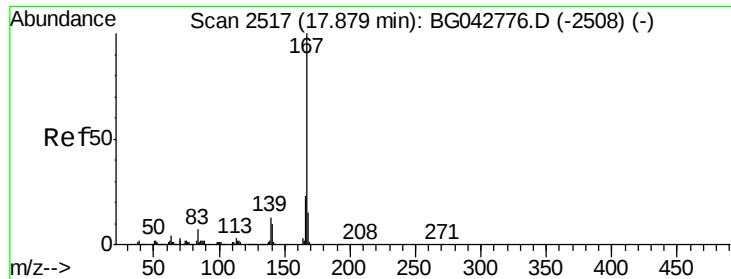
Acq: 17 Sep 2019 16:51

Tgt Ion:178	Resp:	879600
Ion Ratio	Lower	Upper
178	100	
176	20.9	16.2 24.4
179	17.3	13.6 20.4



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





#73

Carbazole

Concen: 39.483 ng

RT: 17.88 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

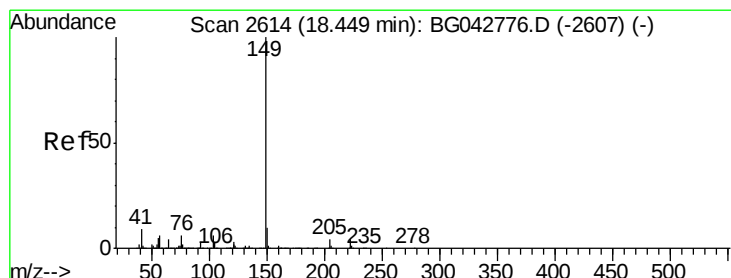
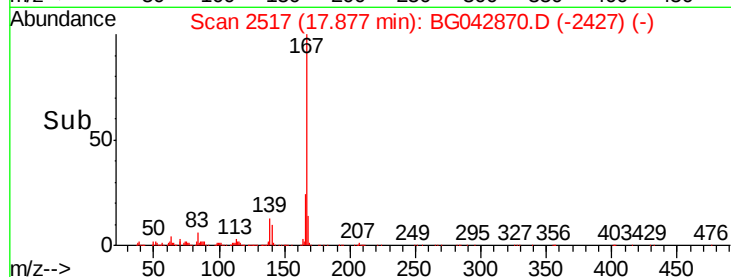
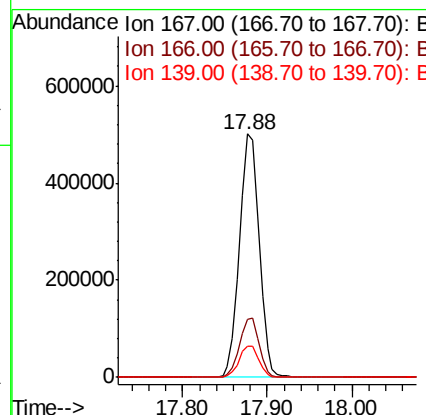
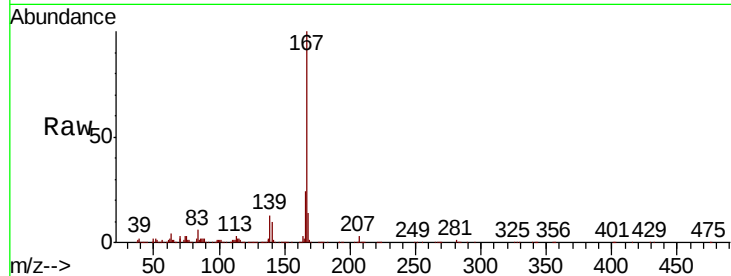
ClientSampleId :

PB123133BS

Tot Ion:	167	Resp:	799615
Ion Ratio	Lower	Upper	
167	100		
166	24.0	18.3	27.5
139	13.0	10.2	15.4

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#74

Di-n-butylphthalate

Concen: 36.272 ng

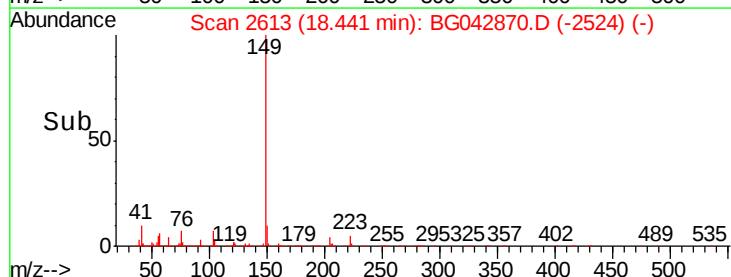
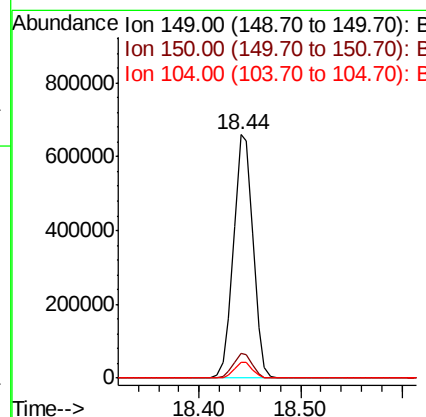
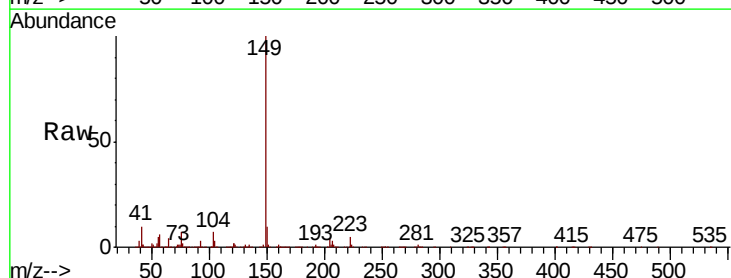
RT: 18.44 min Scan# 2613

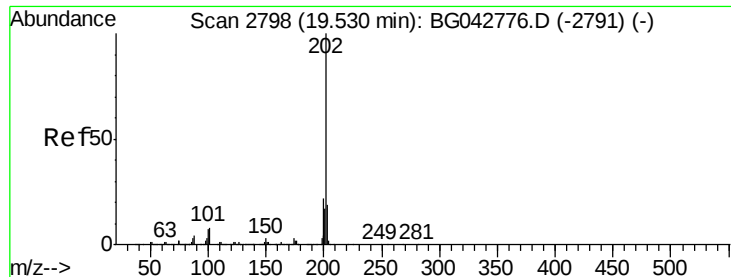
Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Tgt Ion:	149	Resp:	879952
Ion Ratio	Lower	Upper	
149	100		
150	10.4	8.0	12.0
104	6.7	5.1	7.7





#75

Fluoranthene

Concen: 37.614 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

Tot Ion:202 Resp: 1039700

Ion Ratio Lower Upper

202 100

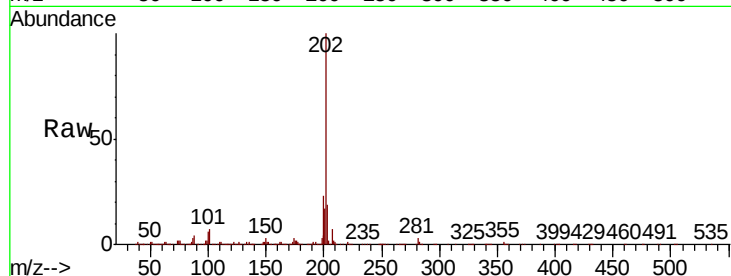
101 6.7 0.0 27.8

203 19.3 0.0 39.1

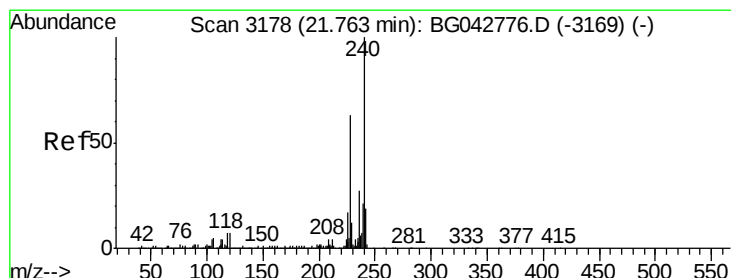
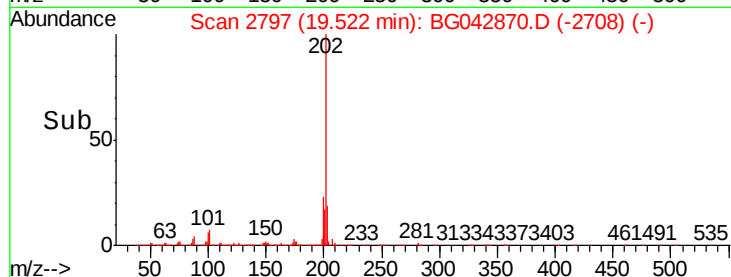
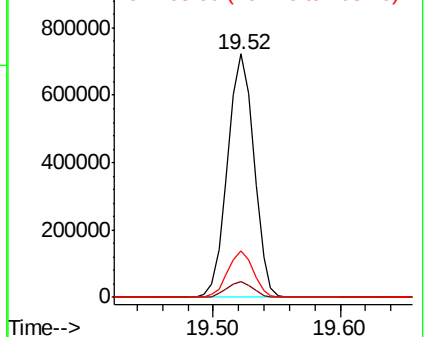
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

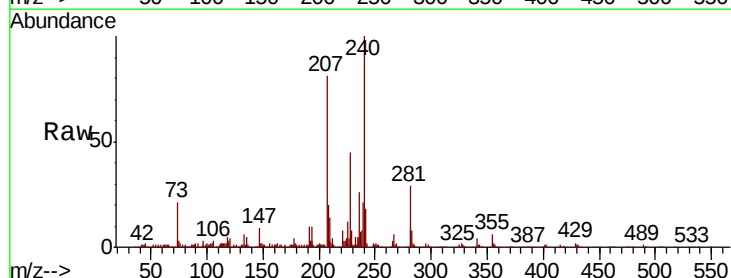
Tgt Ion:240 Resp: 328063

Ion Ratio Lower Upper

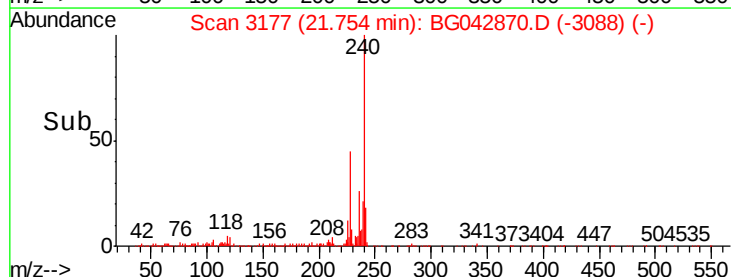
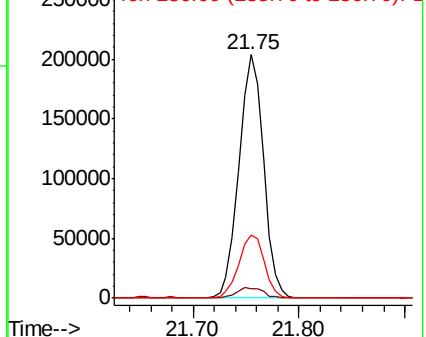
240 100

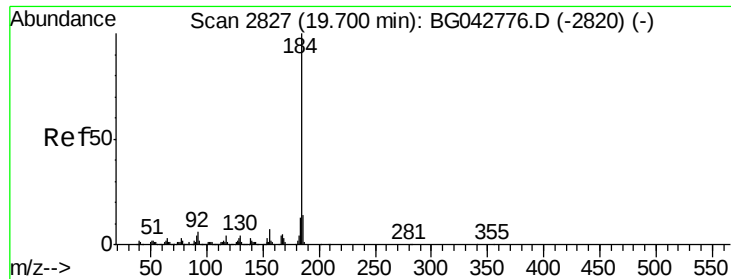
120 3.9 5.4 8.2#

236 26.0 21.7 32.5



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: 43.485 ng

RT: 19.70 min Scan# 2828

Delta R.T. 0.00 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

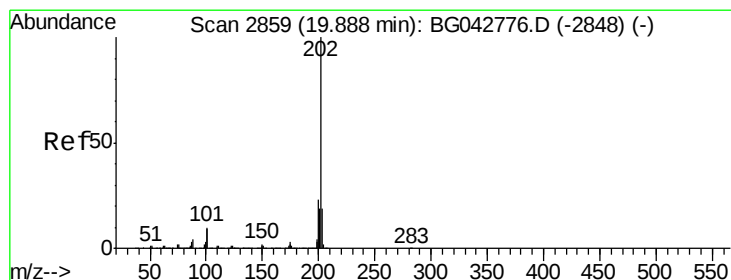
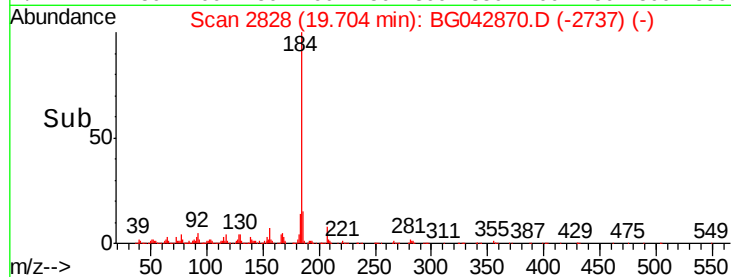
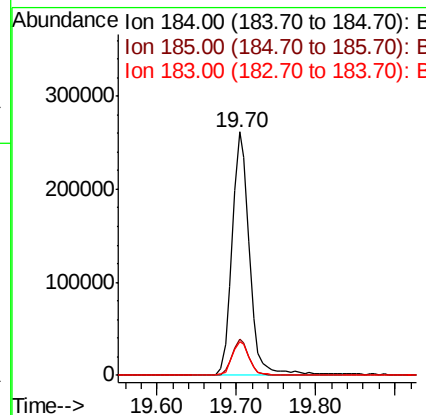
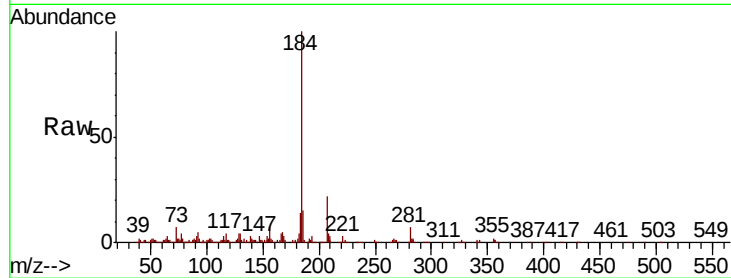
ClientSampleId :

PB123133BS

Tot Ion:	184	Resp:	398572
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.6	17.4
183	14.1	10.4	15.6

Manual Integrations
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#78

Pyrene

Concen: 49.124 ng

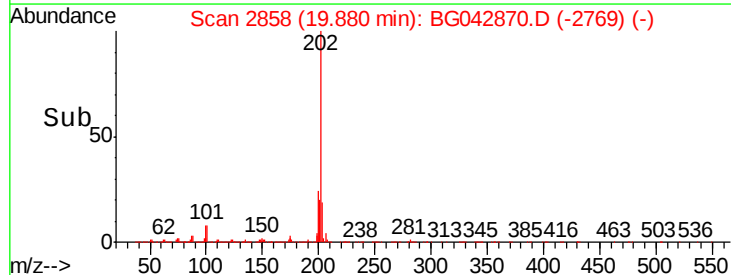
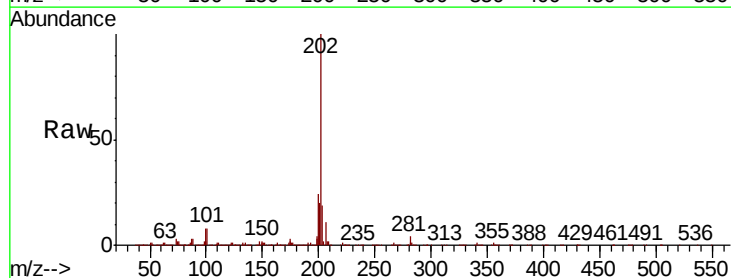
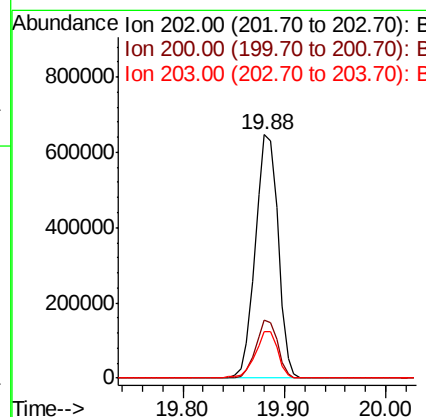
RT: 19.88 min Scan# 2858

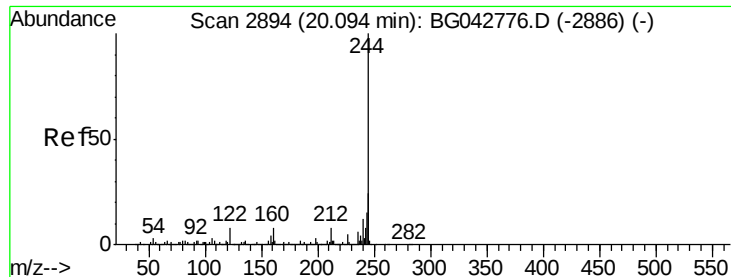
Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Tgt Ion:	202	Resp:	1008949
Ion Ratio	Lower	Upper	
202	100		
200	24.0	18.5	27.7
203	19.0	15.3	22.9





#79

Terphenyl-d14

Concen: 88.021 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

Tot Ion:244 Resp: 1302926

Ion Ratio Lower Upper

244 100

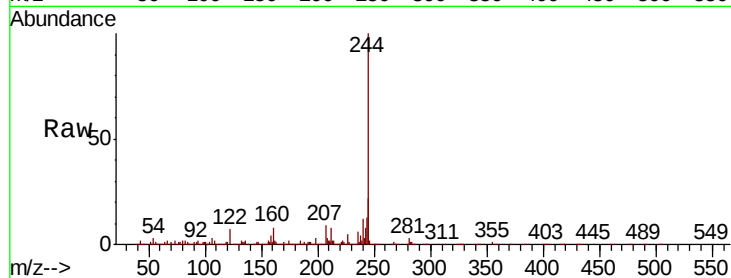
212 7.7 6.6 10.0

122 6.8 6.2 9.4

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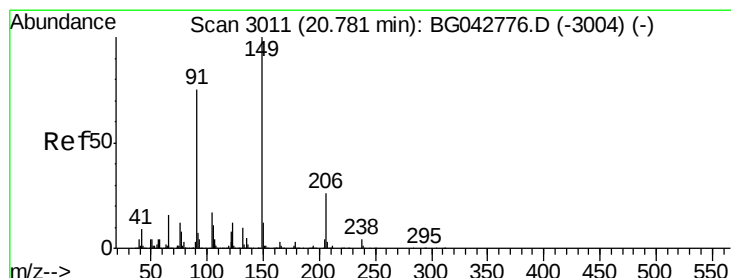
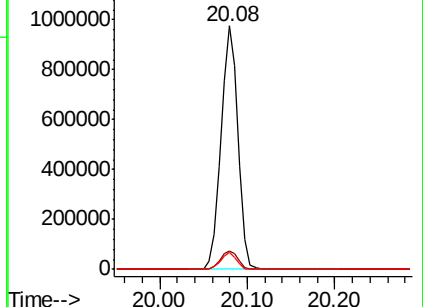
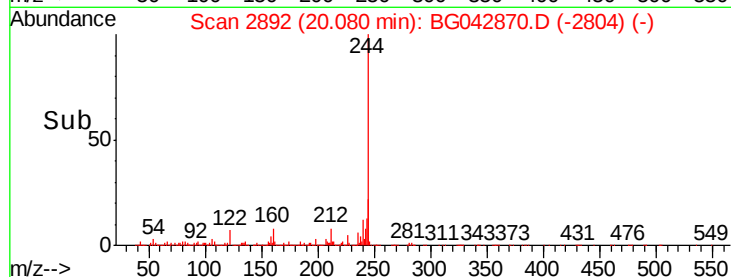
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.461 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

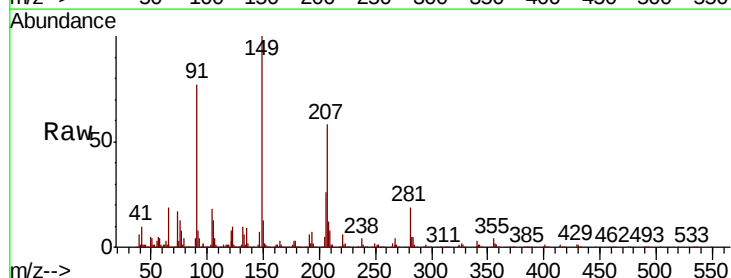
Tgt Ion:149 Resp: 319696

Ion Ratio Lower Upper

149 100

91 77.0 60.2 90.2

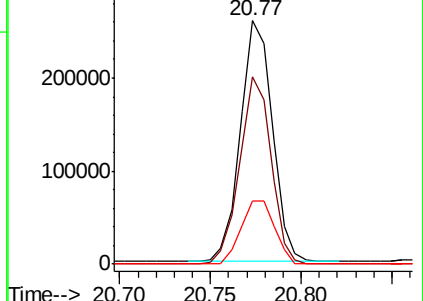
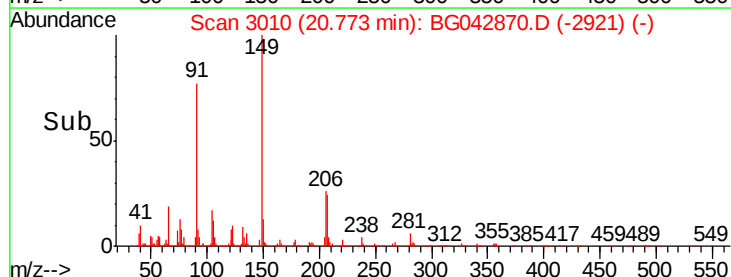
206 26.1 20.6 30.8

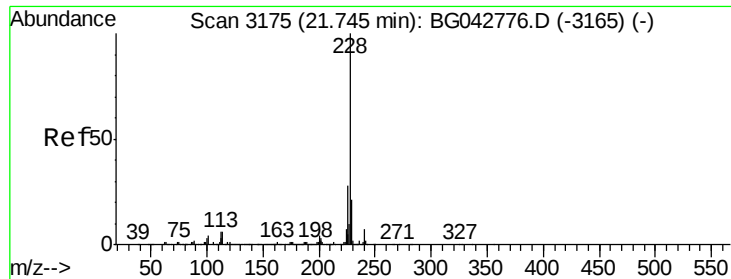


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





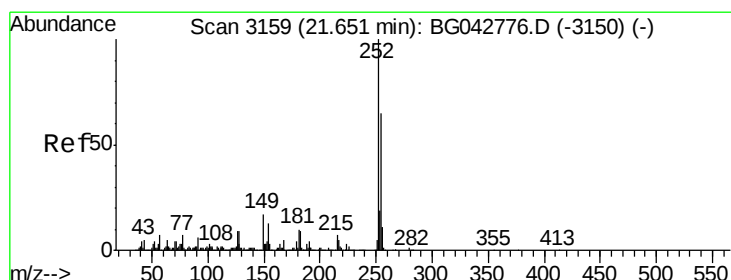
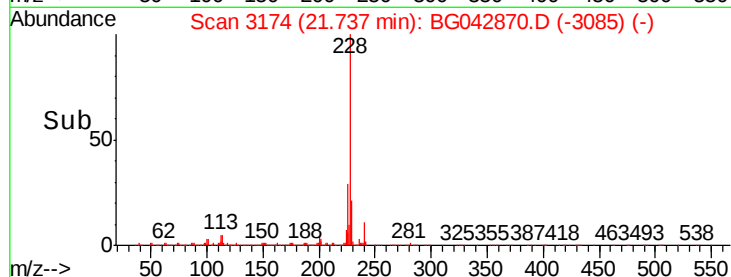
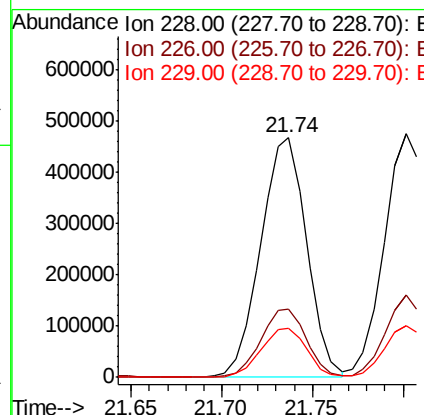
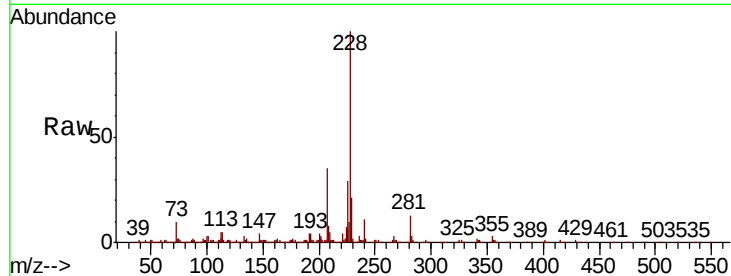
#81
Benzo(a)anthracene
Concen: 39.331 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.5	33.7
229	20.6	17.2	25.8

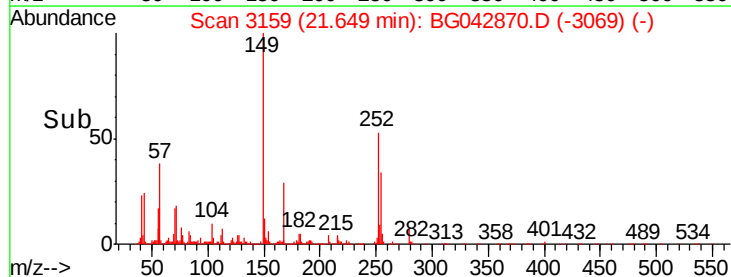
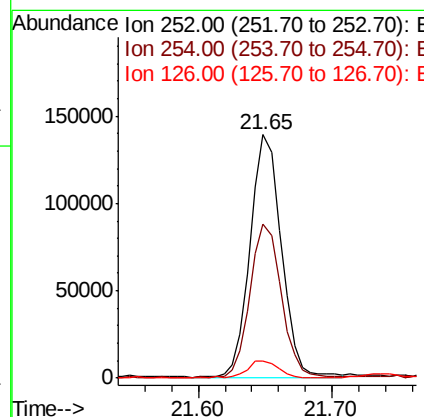
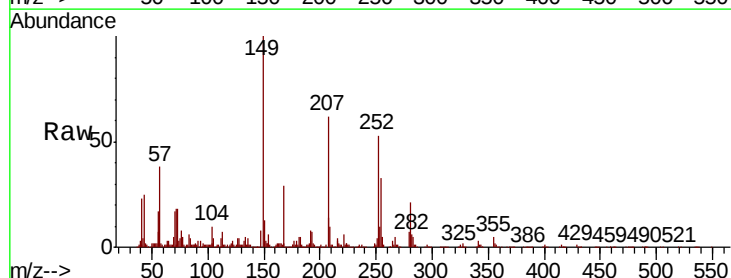
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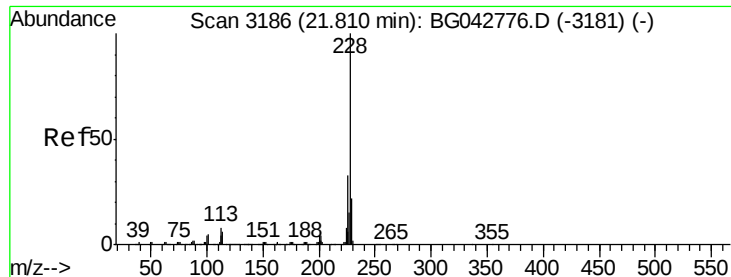
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#82
3,3'-Dichlorobenzidine
Concen: 27.585 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.2	78.2
126	6.9	7.0	10.4





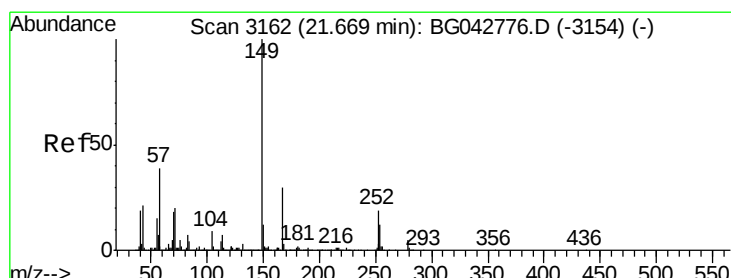
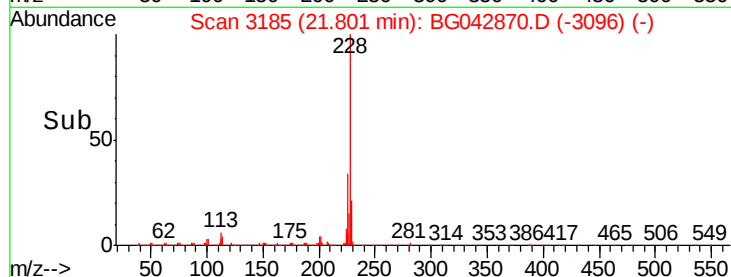
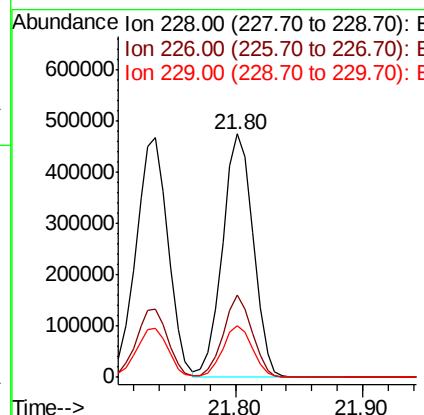
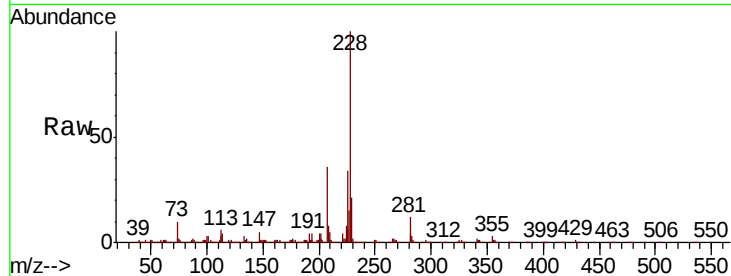
#83
 Chrysene
 Concen: 40.177 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.01 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

Instrument :
 BNA_G
 ClientSampleId :
 PB123133BS

Tot Ion:	228	Resp:	793807
Ion Ratio	Lower	Upper	
228	100		
226	33.8	26.0	39.0
229	21.1	17.1	25.7

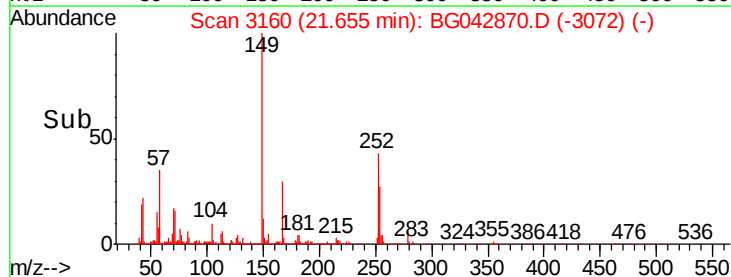
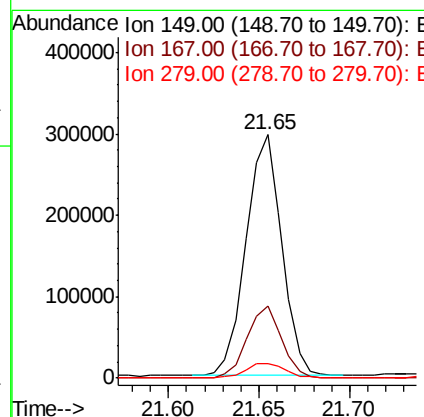
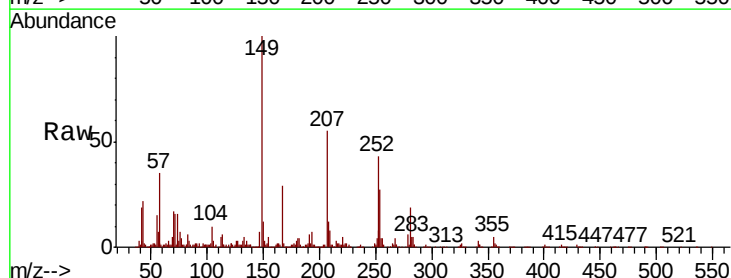
Manual Integrations
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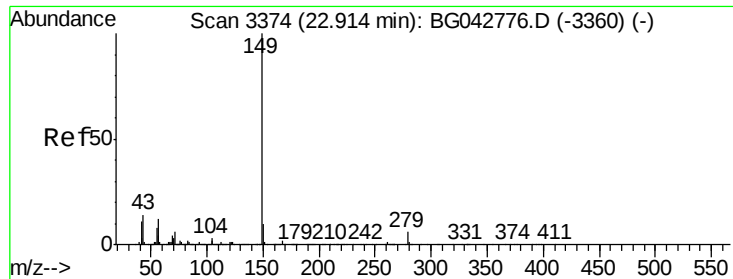
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.681 ng
 RT: 21.65 min Scan# 3160
 Delta R.T. -0.01 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

Tgt Ion:	149	Resp:	405252
Ion Ratio	Lower	Upper	
149	100		
167	29.4	24.3	36.5
279	6.2	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 33.353 ng

RT: 22.89 min Scan# 3370

Delta R.T. -0.03 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

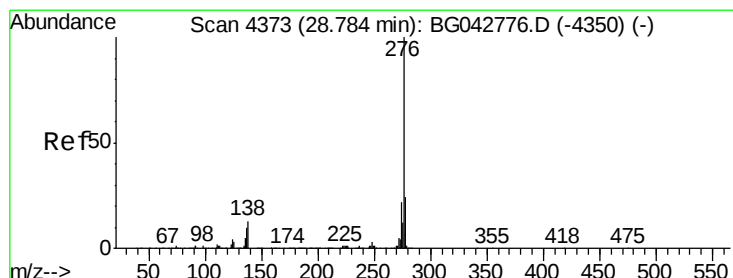
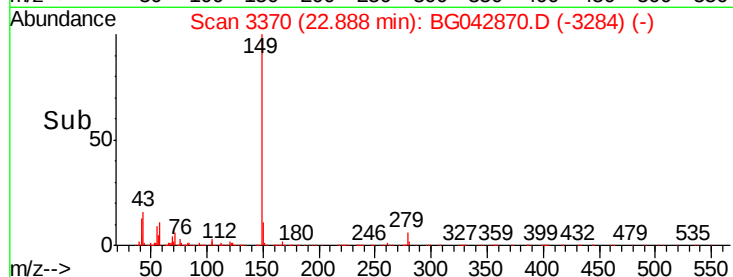
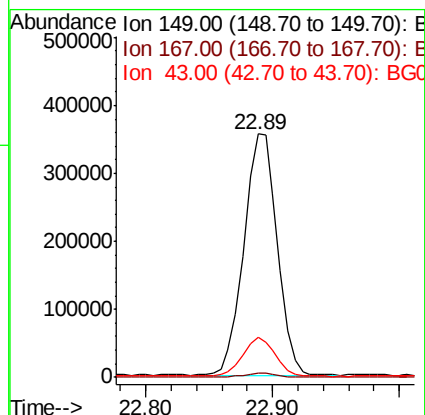
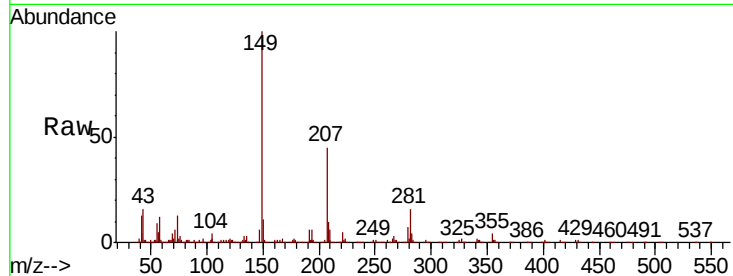
ClientSampleId :

PB123133BS

Tot Ion:	149	Resp:	645776
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	15.6	10.6	15.8

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#86

Indeno(1,2,3-cd)pyrene

Concen: 35.625 ng

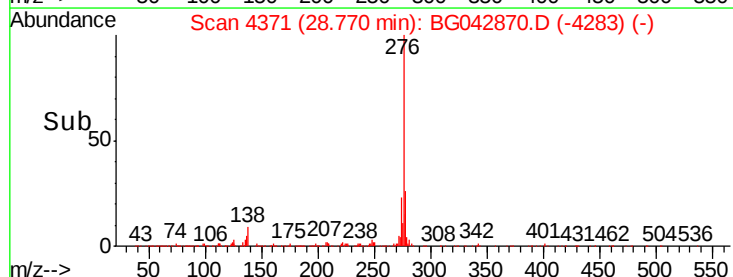
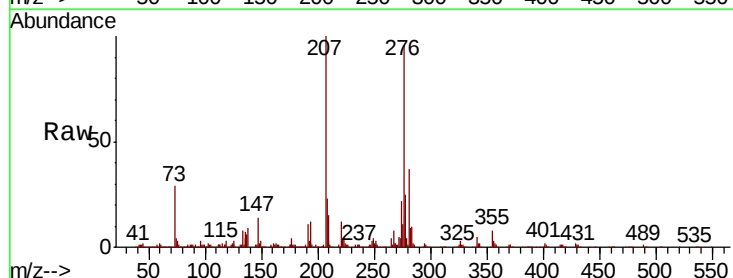
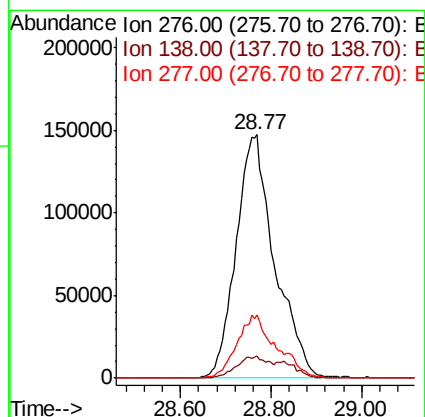
RT: 28.77 min Scan# 4371

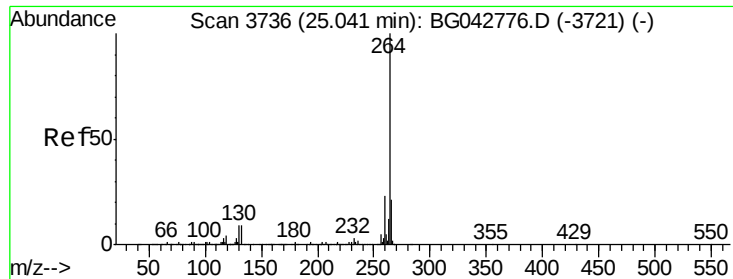
Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Tgt Ion:	276	Resp:	871655
Ion Ratio	Lower	Upper	
276	100		
138	0.0	9.3	13.9#
277	26.4	17.2	25.8#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

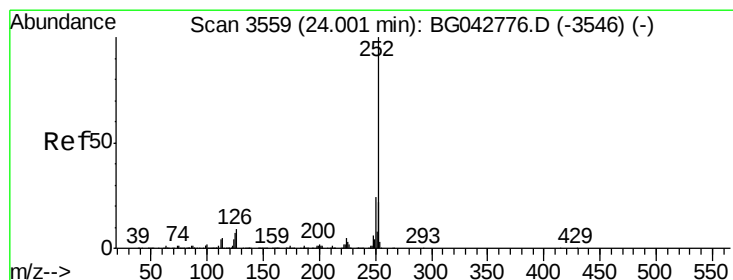
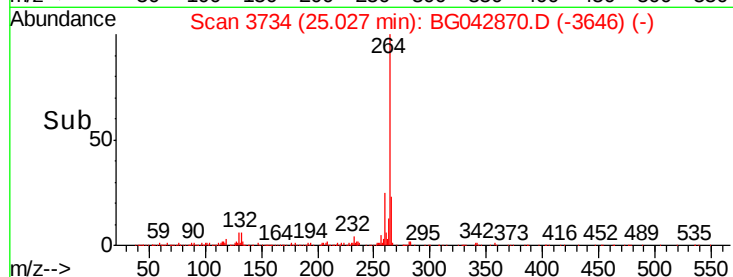
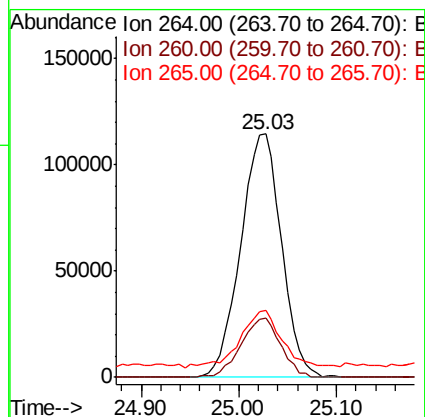
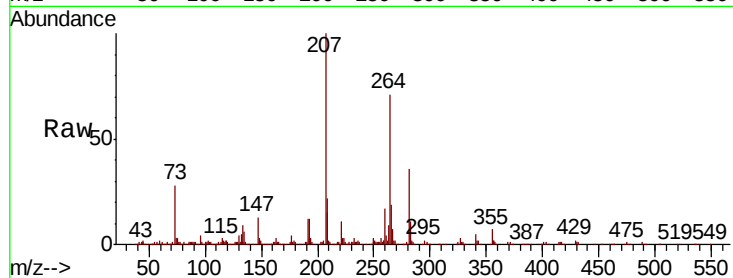
ClientSampleId :

PB123133BS

Tot Ion:	264	Resp:	334740
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.2	27.2
265	27.3	16.9	25.3#

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 39.976 ng

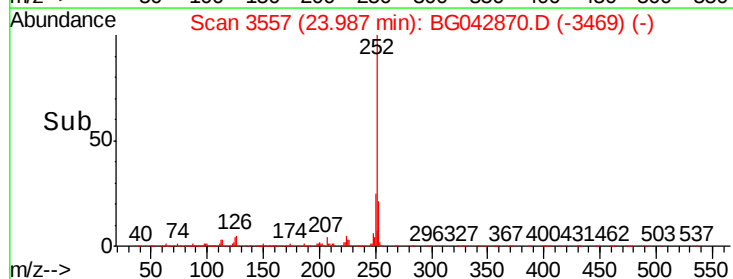
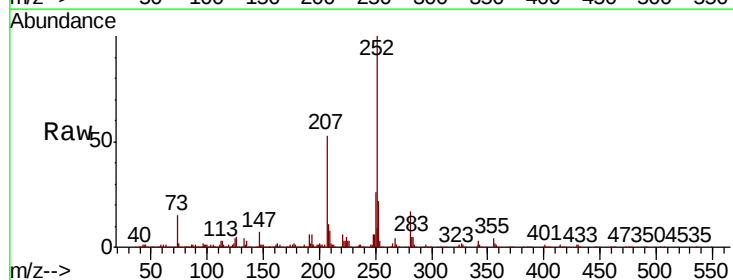
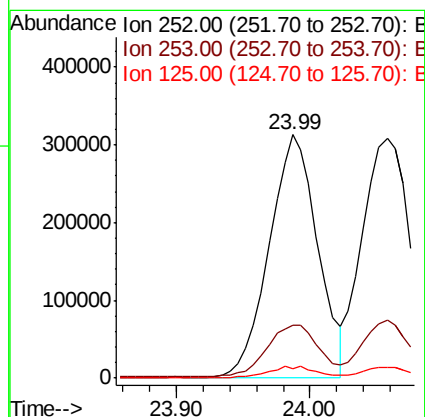
RT: 23.99 min Scan# 3557

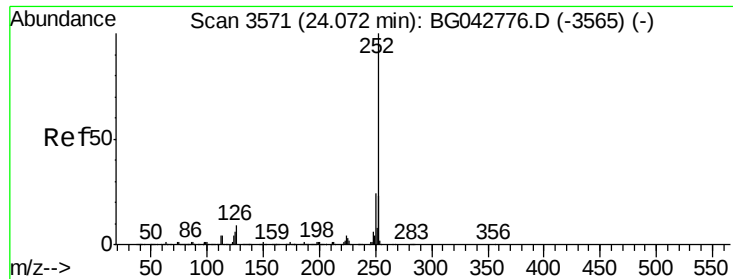
Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Tgt Ion:	252	Resp:	785727
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.9	26.9
125	3.7	5.6	8.4#





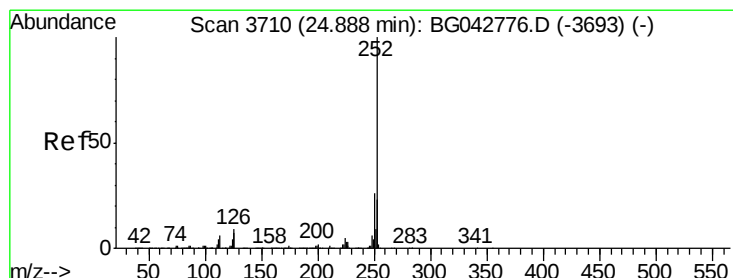
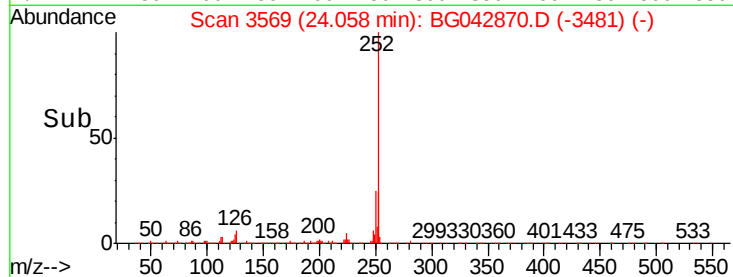
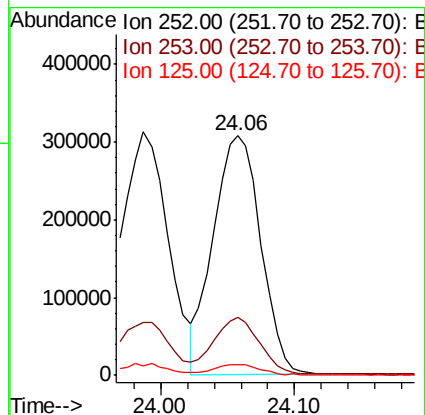
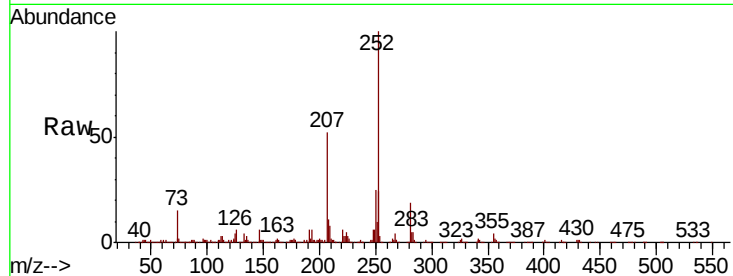
#89
Benzo(k)fluoranthene
Concen: 40.990 ng
RT: 24.06 min Scan# 3569
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.4
125	4.5	5.3	7.9#

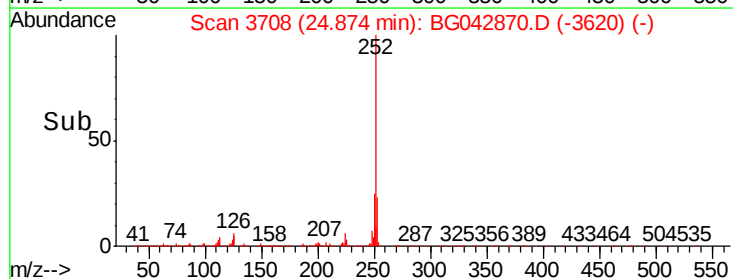
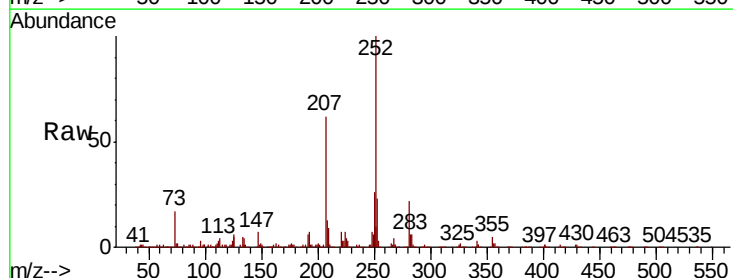
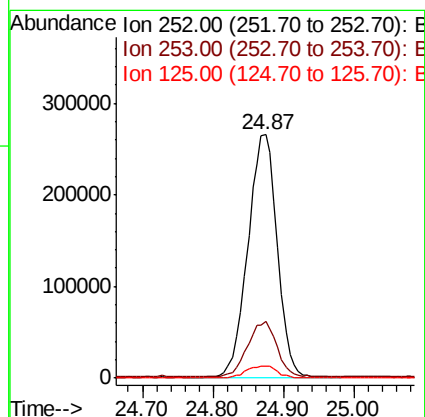
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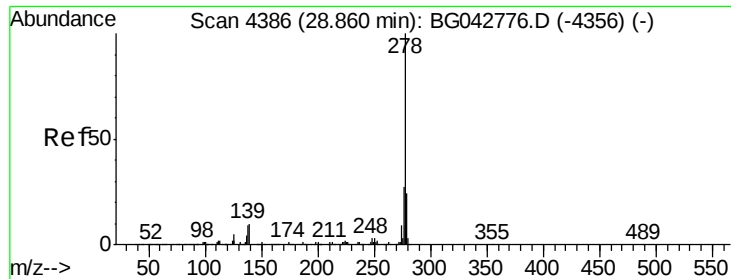
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#90
Benzo(a)pyrene
Concen: 41.470 ng
RT: 24.87 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	4.9	5.7	8.5#





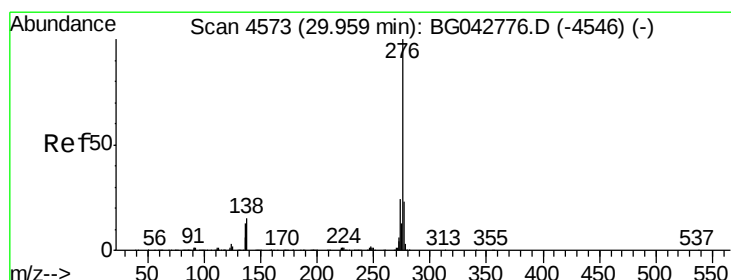
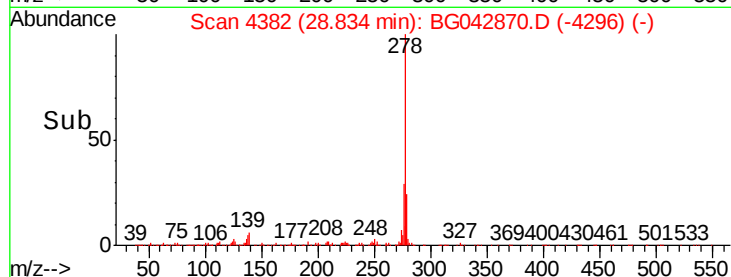
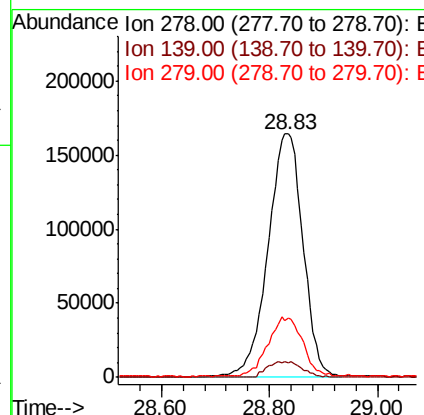
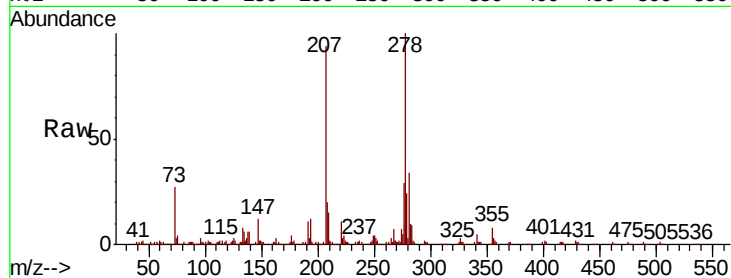
#91
Dibenzo(a,h)anthracene
Concen: 40.742 ng
RT: 28.83 min Scan# 4382
Delta R.T. -0.03 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	6.2	8.2	12.2#
279	24.2	19.4	29.2

Manual Integrations
APPROVED

mohammad
9/18/2019 2:18:37 PM



#92
Benzo(g,h,i)perylene
Concen: 42.109 ng
RT: 29.92 min Scan# 4567
Delta R.T. -0.04 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.3	18.4	27.6
138	8.7	11.8	17.8#

