

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042784.D
 Acq On : 12 Sep 2019 16:22
 Operator : HP/JU
 Sample : PB122965BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122965BS

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:03:27 AM

Quant Time: Sep 13 07:57:19 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	8.12	152	87214	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	328420	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	224517	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	524839	20.00	ng	0.00
76) Chrysene-d12	21.77	240	528574	20.00	ng	0.00
87) Perylene-d12	25.03	264	593455	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	718394	143.21	ng	0.00
7) Phenol-d6	7.28	99	1024942	142.35	ng	0.00
23) Nitrobenzene-d5	9.28	82	625335	99.13	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	445849	149.26	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1374250	96.89	ng	0.00
79) Terphenyl-d14	20.09	244	2344185	98.29	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.59	88	70797	30.924	ng 96
3) Pyridine	3.98	79	202466	29.372	ng 97
4) n-Nitrosodimethylamine	3.89	42	133556	39.818	ng 100
6) Aniline	7.44	93	303831	31.276	ng 99
8) 2-Chlorophenol	7.69	128	233022	42.973	ng 99
9) Benzaldehyde	7.25	77	168906	36.048	ng 97
10) Phenol	7.30	94	318186	43.090	ng 97
11) bis(2-Chloroethyl)ether	7.54	93	225301	39.756	ng 98
12) 1,3-Dichlorobenzene	8.02	146	249946	37.791	ng 98
13) 1,4-Dichlorobenzene	8.16	146	250259	37.794	ng 99
14) 1,2-Dichlorobenzene	8.48	146	239813	38.047	ng 96
15) Benzyl Alcohol	8.35	79	258010	41.754	ng 99
16) 2,2'-oxybis(1-Chloropropan	8.65	45	480265	38.591	ng 98
17) 2-Methylphenol	8.55	107	211284	42.769	ng 98
18) Hexachloroethane	9.22	117	91181	37.298	ng 92
19) n-Nitroso-di-n-propylamine	8.93	70	208193	39.240	ng 96
20) 3+4-Methylphenols	8.88	107	292991	43.025	ng 98
22) Acetophenone	8.94	105	360392	43.450	ng # 99
24) Nitrobenzene	9.32	77	300479	45.380	ng 99
25) Isophorone	9.85	82	564188	42.908	ng 99
26) 2-Nitrophenol	10.03	139	122471	47.037	ng 98
27) 2,4-Dimethylphenol	10.09	122	235909	51.221	ng 96
28) bis(2-Chloroethoxy)methane	10.33	93	311789	42.520	ng 100
29) 2,4-Dichlorophenol	10.57	162	247206	46.188	ng 99
30) 1,2,4-Trichlorobenzene	10.79	180	270787	41.439	ng 99
31) Naphthalene	10.98	128	705244	43.493	ng 98
32) Benzoic acid	10.22	122	158299	43.178	ng 98
33) 4-Chloroaniline	11.08	127	141659	18.691	ng 97
34) Hexachlorobutadiene	11.28	225	185159	40.443	ng 94
35) Caprolactam	11.84	113	90390m	45.416	ng
36) 4-Chloro-3-methylphenol	12.19	107	271947	46.797	ng 94
37) 2-Methylnaphthalene	12.58	142	523486	43.097	ng 99
38) 1-Methylnaphthalene	12.79	142	495221	43.469	ng 99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	321809	43.376	ng 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	407008	95.763	nq	99
43) 2,4,6-Trichlorophenol	13.18	196	222917	45.132	nq	98
44) 2,4,5-Trichlorophenol	13.25	196	239775	47.394	nq	97
46) 1,1'-Biphenyl	13.58	154	697137	44.354	nq	100
47) 2-Chloronaphthalene	13.62	162	551442	42.412	nq	98
48) 2-Nitroaniline	13.81	65	206436	45.769	nq	97
49) Acenaphthylene	14.46	152	889234	44.754	nq	98
50) Dimethylphthalate	14.19	163	723150	42.996	nq	100
51) 2,6-Dinitrotoluene	14.30	165	162867	47.192	nq	98
52) Acenaphthene	14.80	154	613275	47.246	nq	99
53) 3-Nitroaniline	14.63	138	111543	28.798	nq	98
54) 2,4-Dinitrophenol	14.83	184	165536	97.435	nq	# 75
55) Dibenzofuran	15.14	168	860198	44.583	nq	98
56) 4-Nitrophenol	14.93	139	282754	94.416	nq	98
57) 2,4-Dinitrotoluene	15.09	165	219270	47.667	nq	# 97
58) Fluorene	15.78	166	706952	44.211	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	232117	47.329	nq	98
60) Diethylphthalate	15.56	149	740956	43.400	nq	98
61) 4-Chlorophenyl-phenylether	15.78	204	408649	43.223	nq	99
62) 4-Nitroaniline	15.79	138	178850	42.838	nq	98
63) Azobenzene	16.07	77	737376	44.851	nq	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	116163	51.727	nq	96
66) n-Nitrosodiphenylamine	15.99	169	649676	46.001	nq	98
67) 4-Bromophenyl-phenylether	16.67	248	279598	44.014	nq	98
68) Hexachlorobenzene	16.79	284	285438	42.051	nq	98
69) Atrazine	16.94	200	253776	51.601	nq	99
70) Pentachlorophenol	17.13	266	404988	100.575	nq	96
71) Phenanthrene	17.52	178	1137811	45.331	nq	99
72) Anthracene	17.62	178	1162429	46.356	nq	99
73) Carbazole	17.88	167	1103488	46.299	nq	97
74) Di-n-butylphthalate	18.45	149	1278025	44.764	nq	99
75) Fluoranthene	19.53	202	1519270	46.704	nq	98
77) Benzidine	19.70	184	555359	37.606	nq	99
78) Pyrene	19.89	202	1515642	45.801	nq	99
80) Butylbenzylphthalate	20.78	149	590079	44.060	nq	98
81) Benzo(a)anthracene	21.74	228	1486406	44.228	nq	98
82) 3,3'-Dichlorobenzidine	21.65	252	405575	31.054	nq	98
83) Chrysene	21.81	228	1436251	45.117	nq	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	826900	45.187	nq	97
85) Di-n-octyl phthalate	22.91	149	1408051	45.136	nq	100
86) Indeno(1,2,3-cd)pyrene	28.78	276	1793720	45.500	nq	# 93
88) Benzo(b)fluoranthene	24.00	252	1587826	45.567	nq	98
89) Benzo(k)fluoranthene	24.08	252	1476967	44.870	nq	100
90) Benzo(a)pyrene	24.89	252	1531723	46.944	nq	99
91) Dibenzo(a,h)anthracene	28.86	278	1479910	46.115	nq	98
92) Benzo(g,h,i)perylene	29.96	276	1474420	47.102	nq	98

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

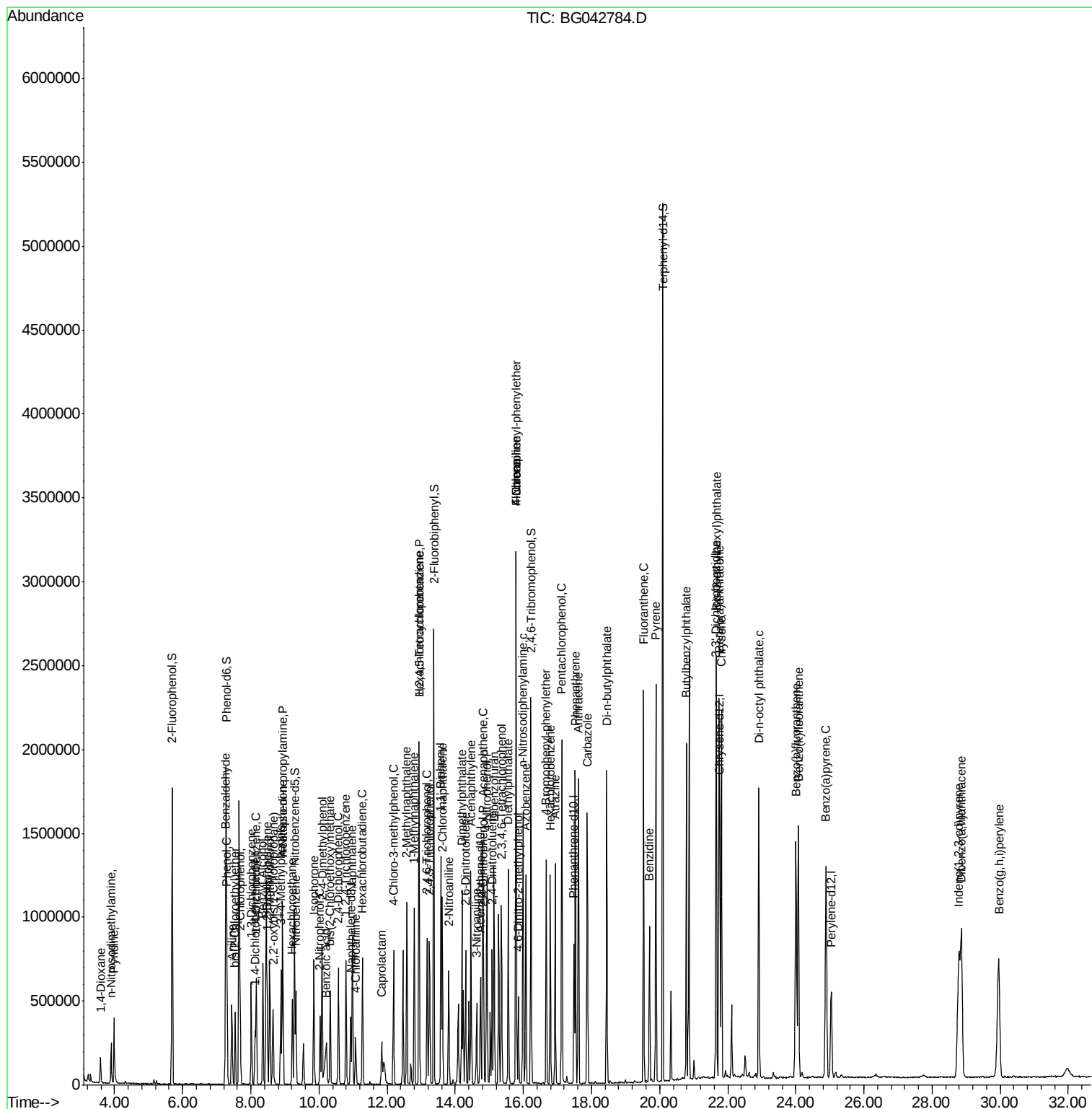
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Sample    : PB122965BS  
Misc      :  
ALS Vial  : 3      Sample Multiplier: 1
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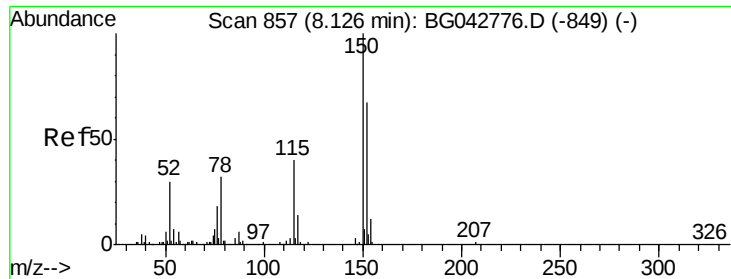
Instrument :
BNA_G
ClientSampleId :
PB122965BS

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#1

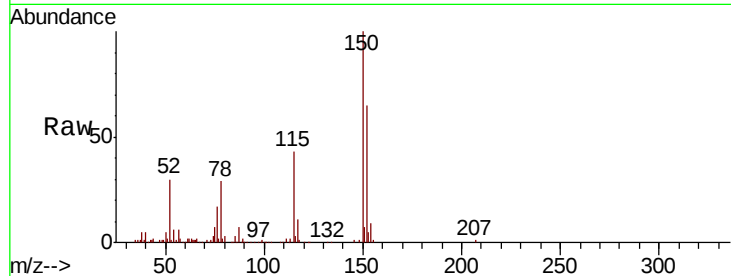
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampled :
PB122965BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	118.9	178.3
115	66.8	47.4	71.2

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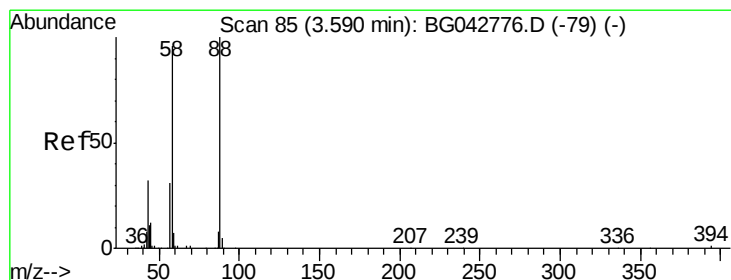
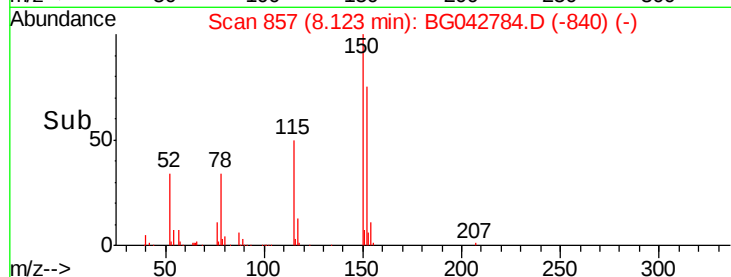
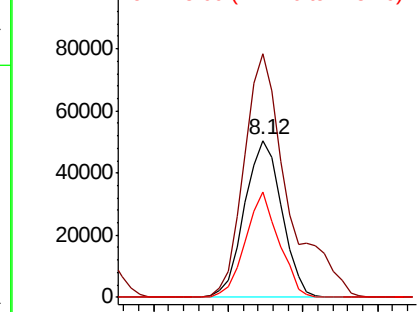


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

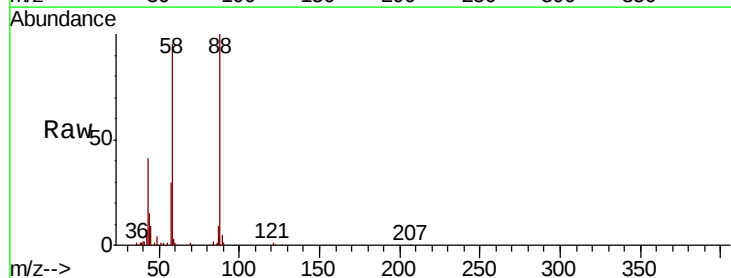
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.924 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.6	79.1	118.7
43	44.9	30.4	45.6

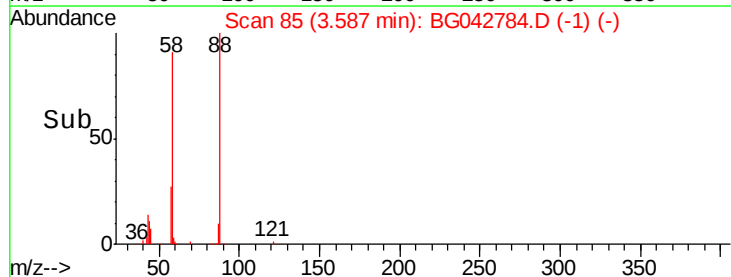
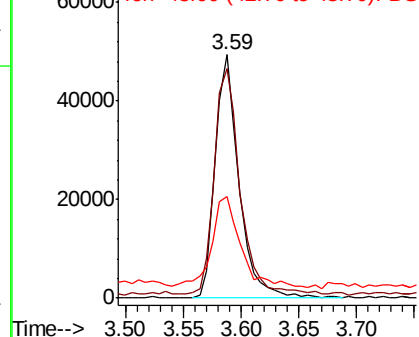


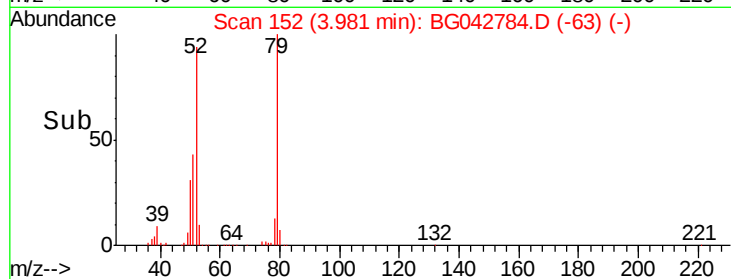
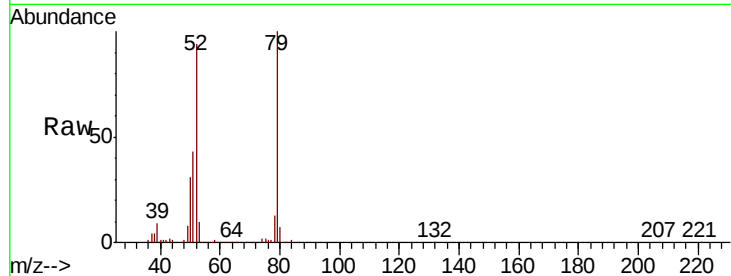
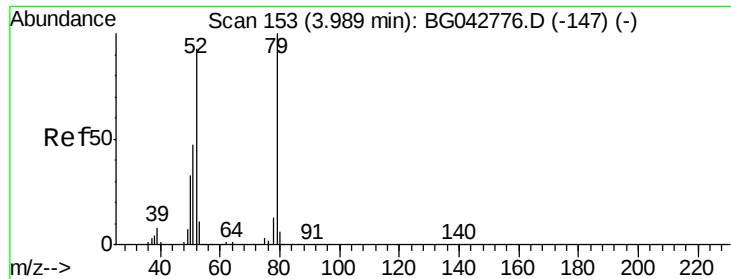
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.372 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Tot Ion:	79	Resp:	202466
Ion Ratio	Lower	Upper	
79	100		
52	94.2	74.0	111.0
51	43.2	37.5	56.3

Instrument :

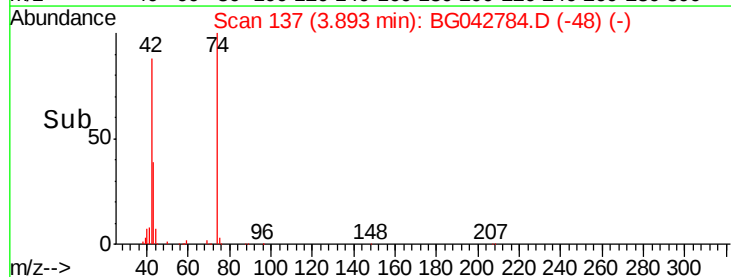
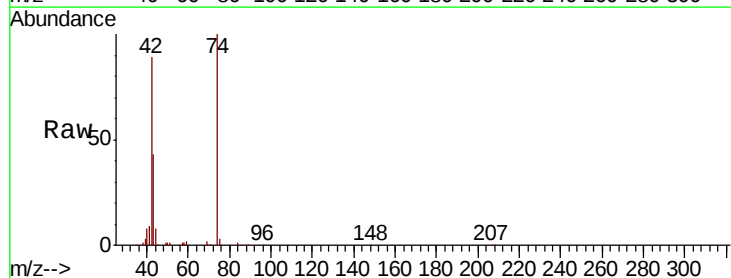
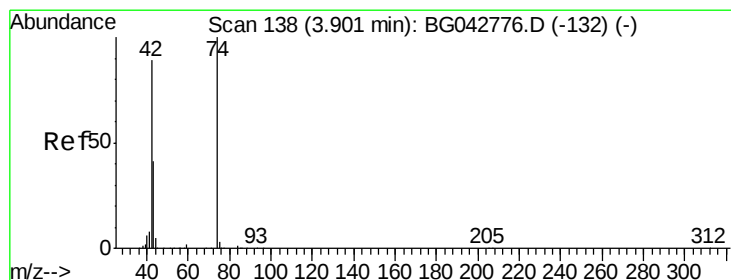
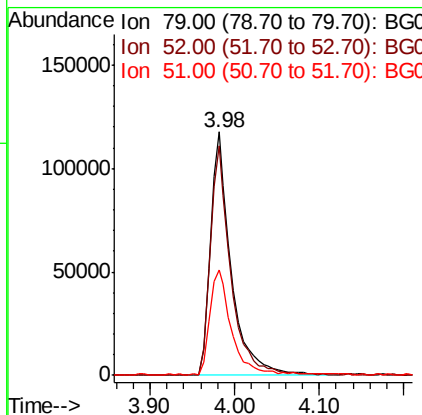
BNA_G

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#4

n-Nitrosodimethylamine

Concen: 39.818 ng

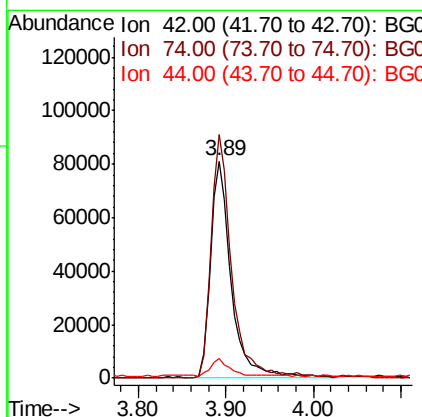
RT: 3.89 min Scan# 137

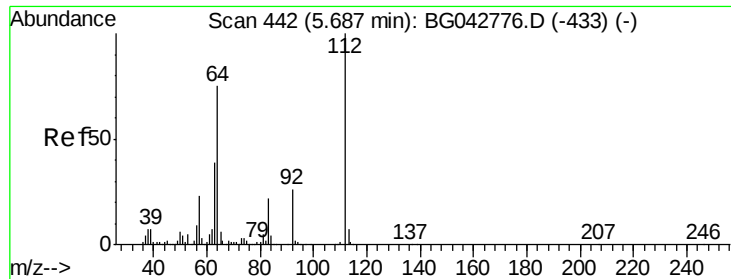
Delta R.T. -0.01 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Tgt Ion:	42	Resp:	133556
Ion Ratio	Lower	Upper	
42	100		
74	112.3	90.2	135.2
44	8.8	6.6	9.8





#5

2-Fluorophenol

Concen: 143.207 ng

RT: 5.69 min Scan# 443

Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

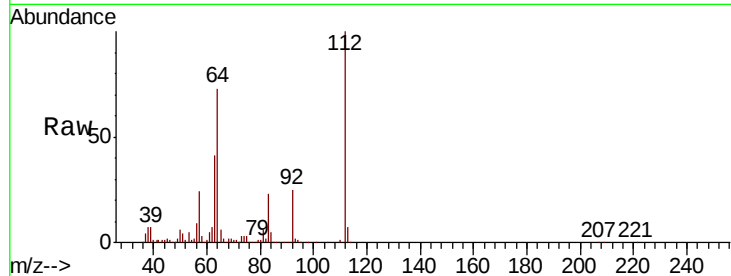
ClientSampleId :

PB122965BS

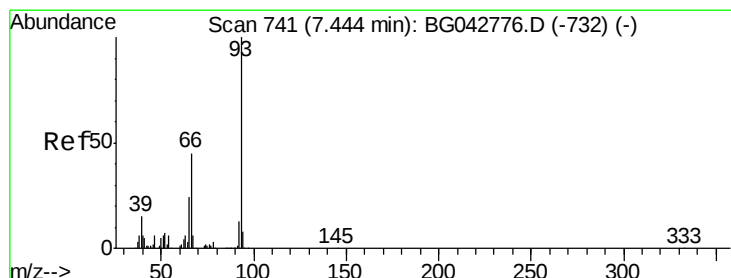
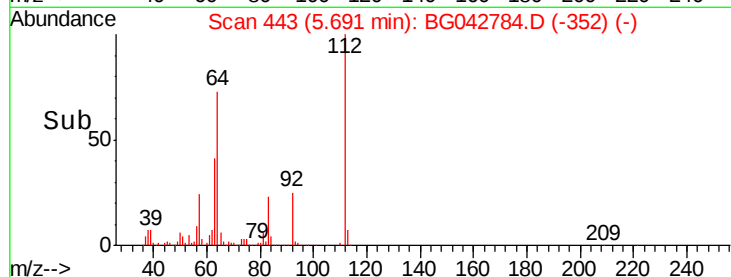
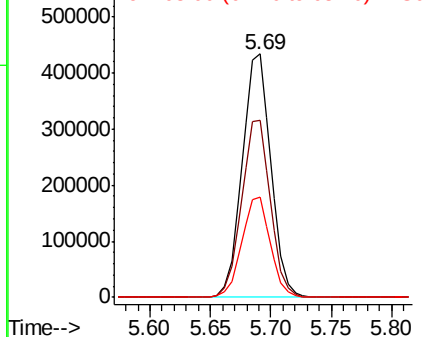
Tot Ion:	112	Resp:	718394
Ion Ratio	Lower	Upper	
112	100		
64	72.6	60.2	90.2
63	41.4	31.2	46.8

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.276 ng

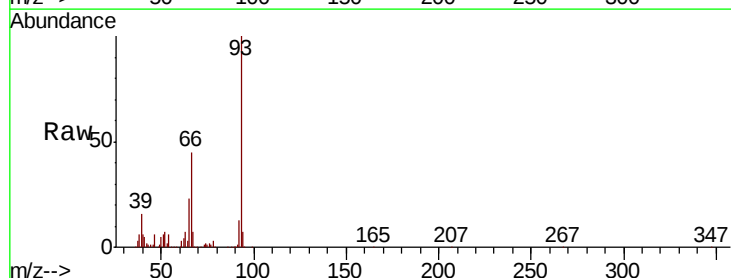
RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

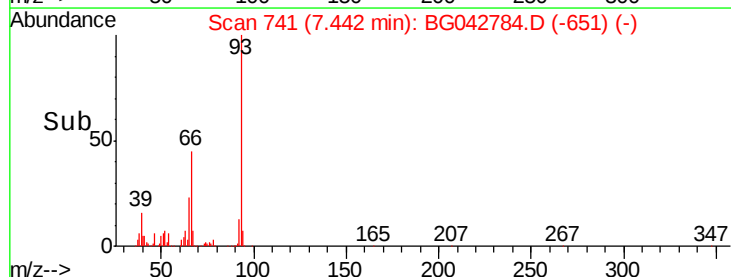
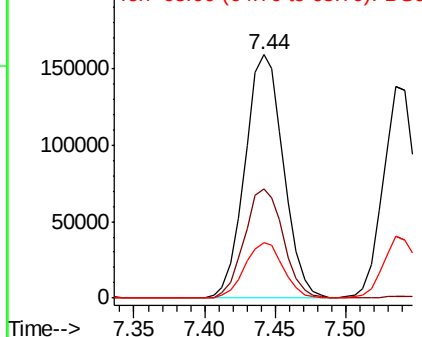
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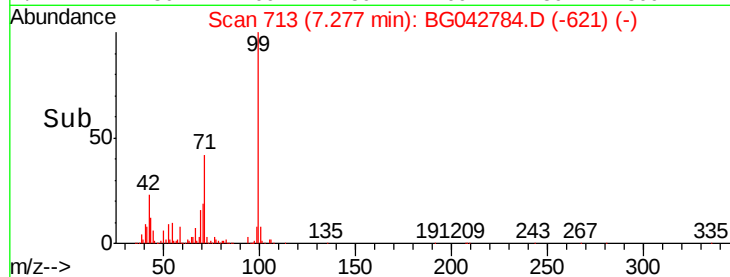
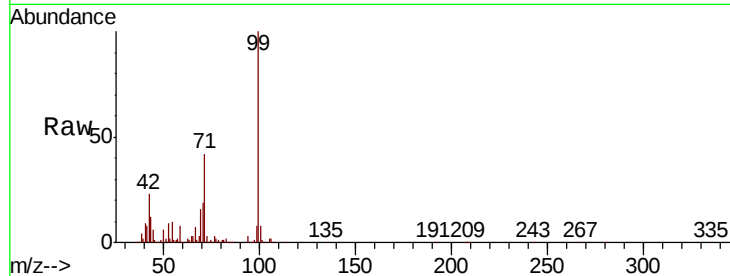
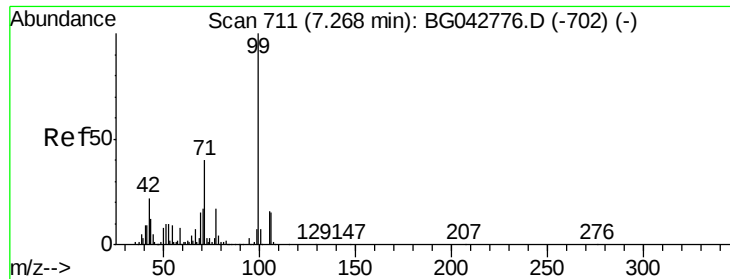
Acq: 12 Sep 2019 16:22

Tgt Ion:	93	Resp:	303831
Ion Ratio	Lower	Upper	
93	100		
66	44.9	36.3	54.5
65	22.9	19.3	28.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 142.346 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100				
42	23.1	17.5	26.3		
71	41.9	32.0	48.0		

Instrument :

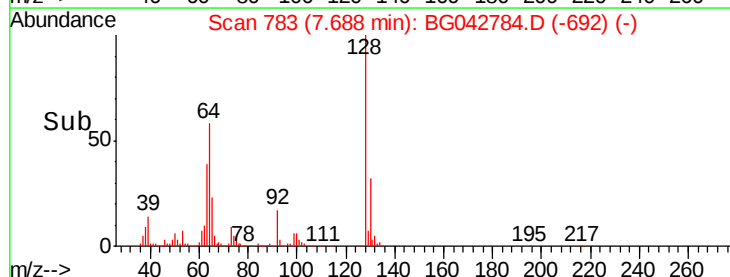
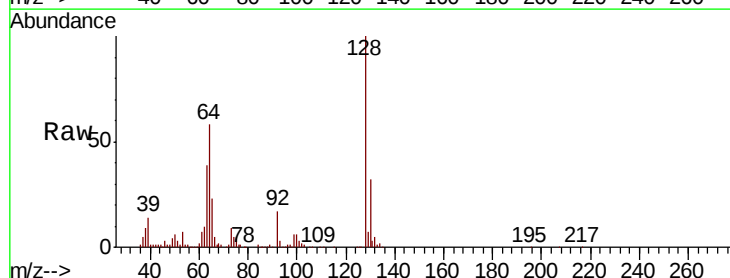
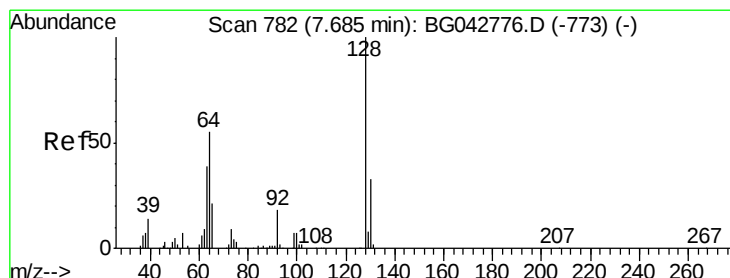
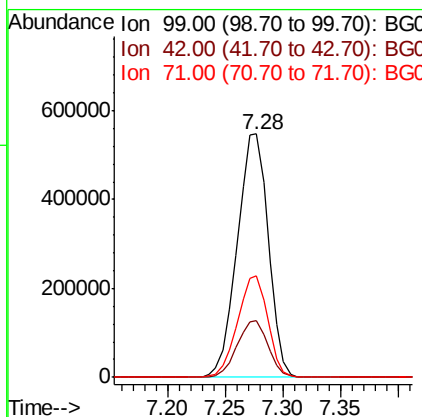
BNA_G

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#8

2-Chlorophenol

Concen: 42.973 ng

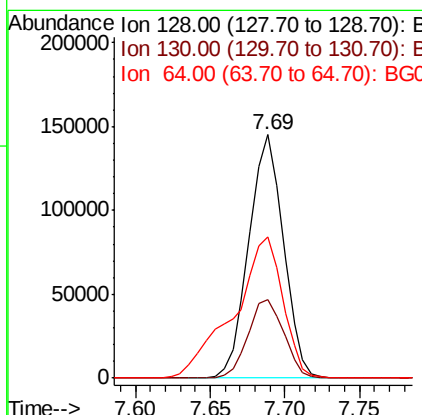
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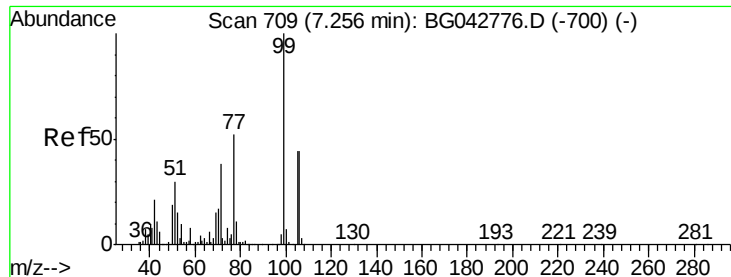
Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
130	32.1	12.8	52.8		
64	57.8	36.8	76.8		





#9

Benzaldehyde

Concen: 36.048 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

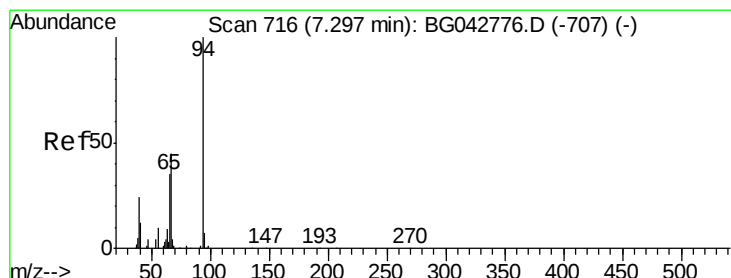
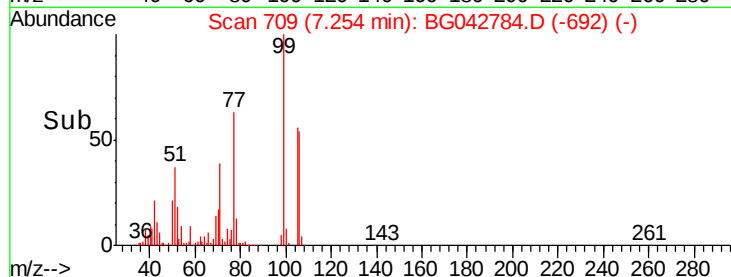
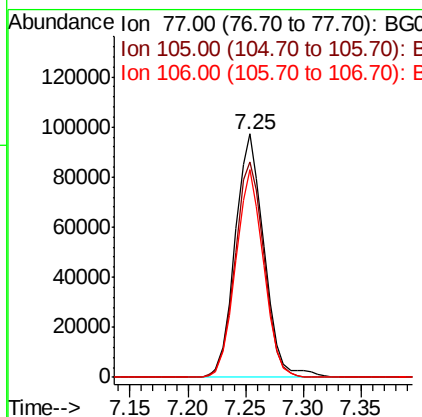
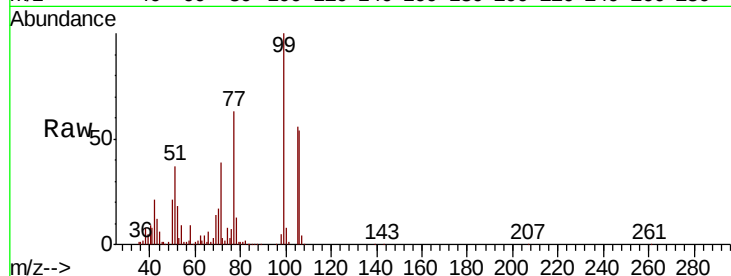
ClientSampleId :

PB122965BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	88.3	64.5	104.5		
106	85.2	63.4	103.4		

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#10

Phenol

Concen: 43.090 ng

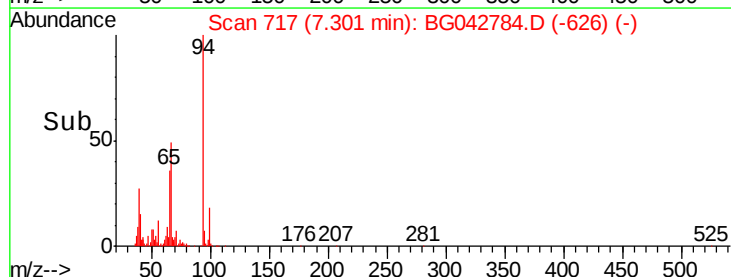
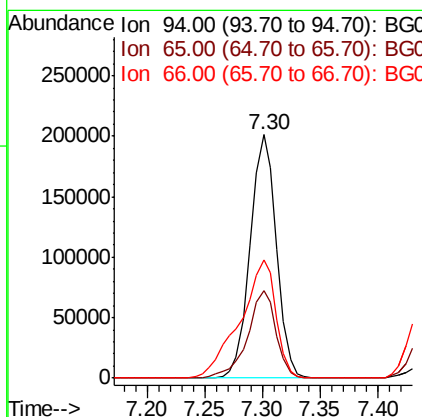
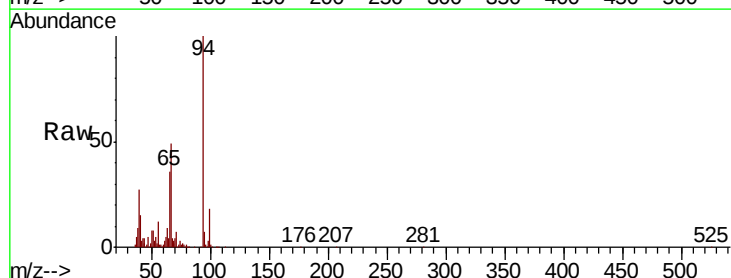
RT: 7.30 min Scan# 717

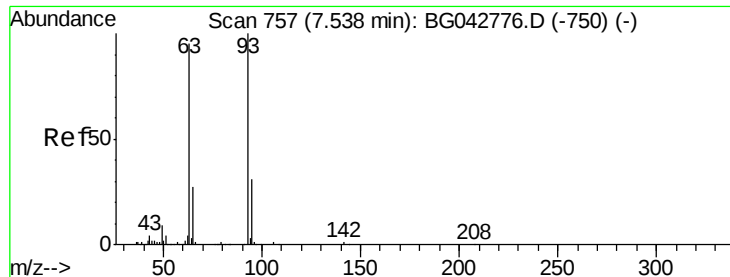
Delta R.T. 0.00 min

Lab File: BG042784.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	36.0	15.0	55.0		
66	48.7	26.1	66.1		





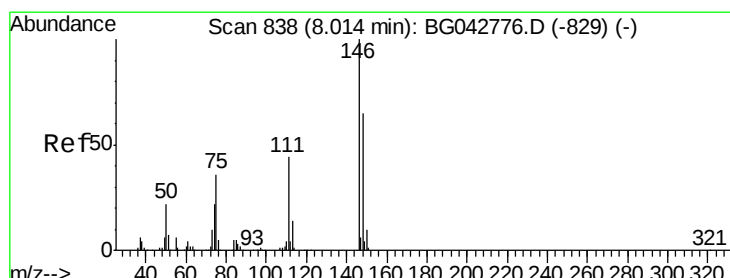
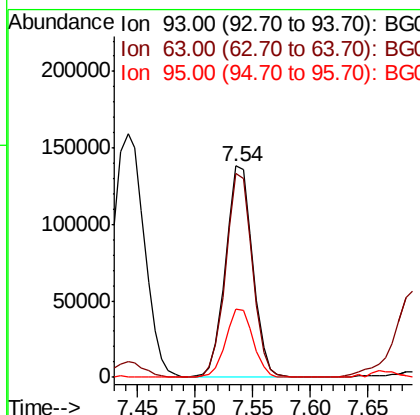
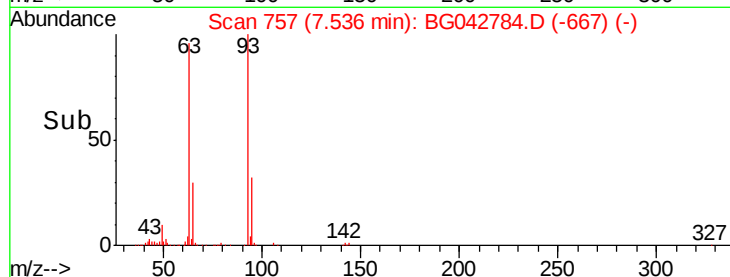
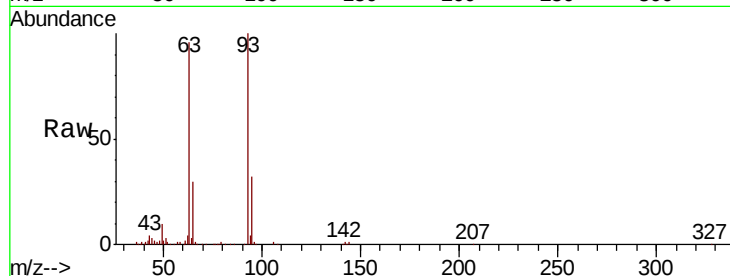
#11
bis(2-Chloroethyl)ether
Concen: 39.756 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB122965BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	225301		
63	96.4	74.7	114.7	
95	32.1	11.1	51.1	

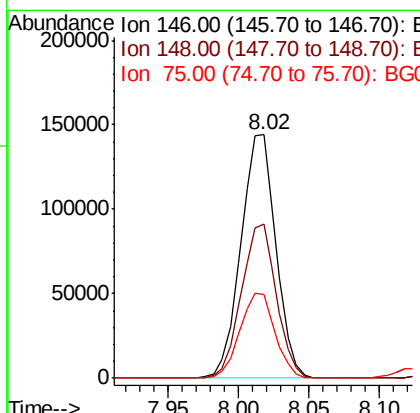
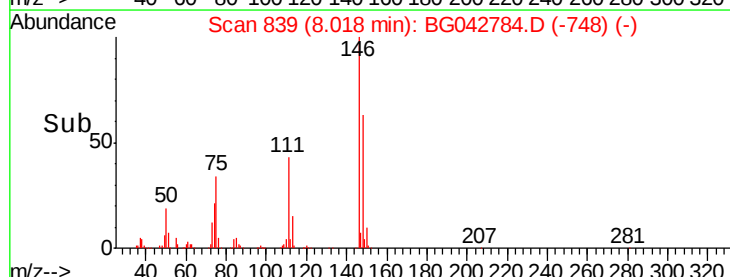
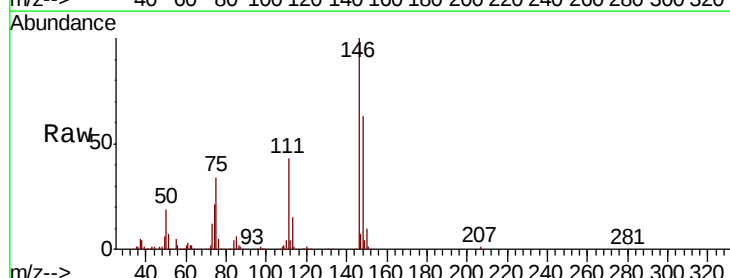
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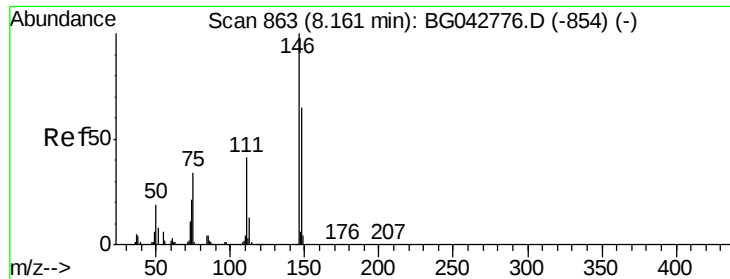
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.791 ng
RT: 8.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	249946		
148	63.1	51.9	77.9	
75	34.4	28.4	42.6	





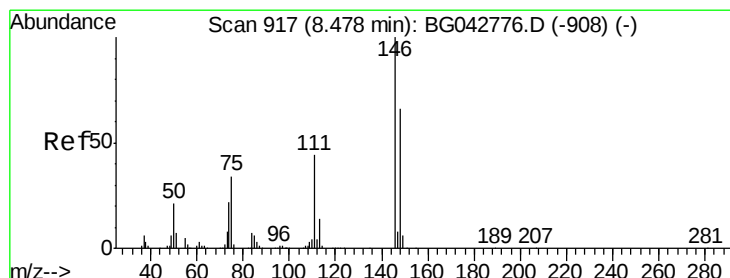
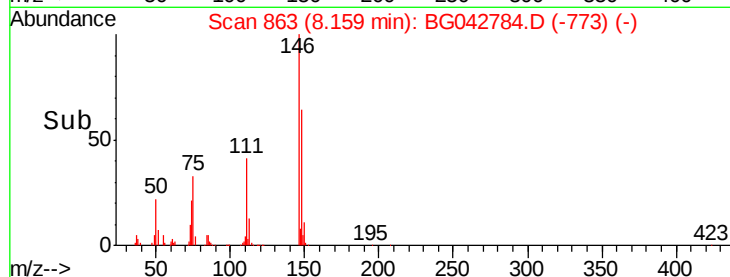
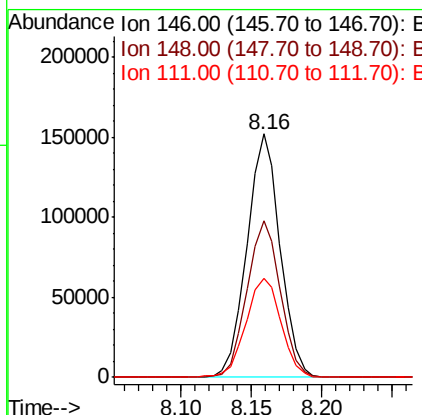
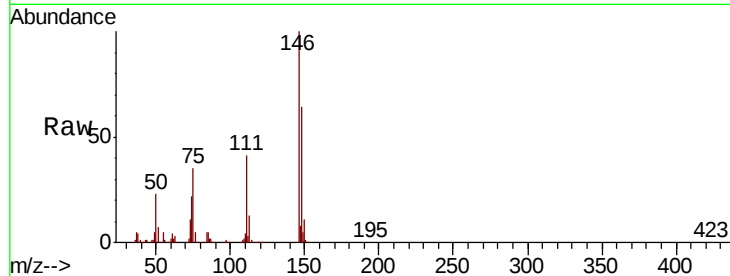
#13
 1,4-Dichlorobenzene
 Concen: 37.794 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Instrument :
 BNA_G
 ClientSampleId :
 PB122965BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.4
111	40.7	32.6	49.0

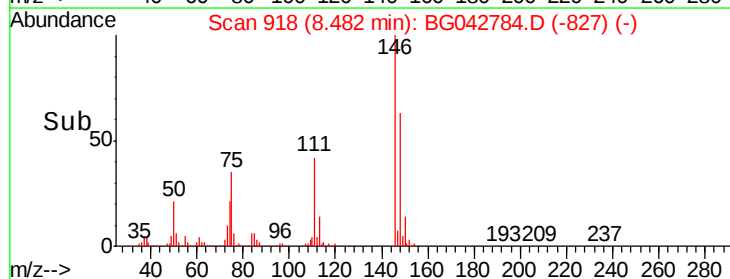
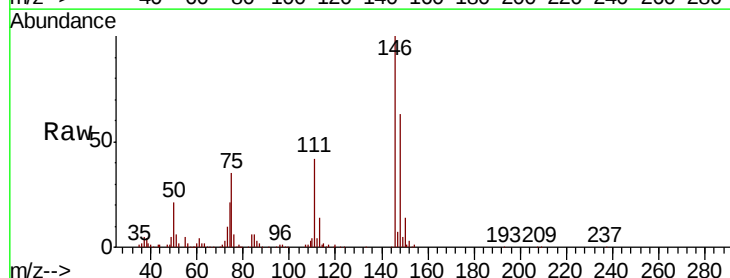
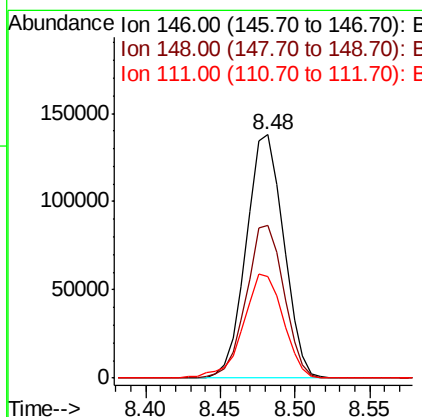
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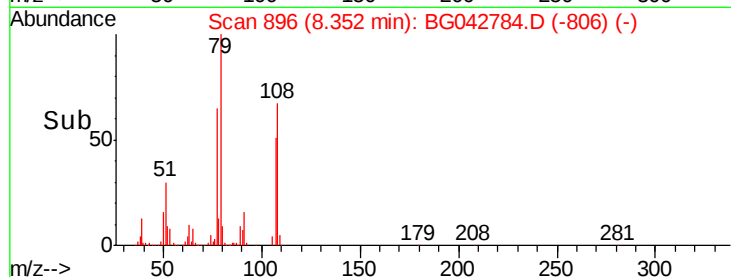
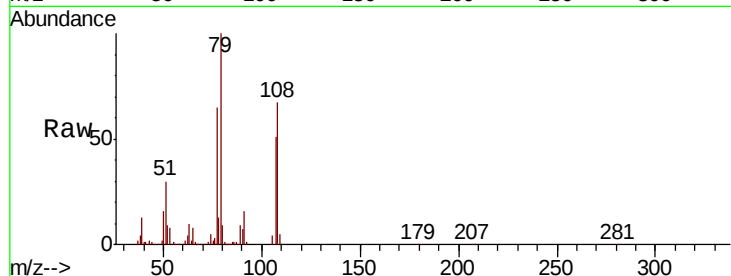
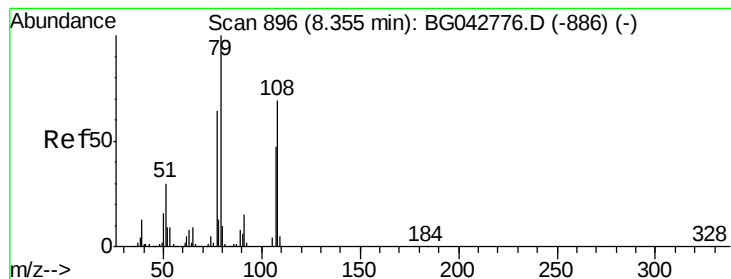
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#14
 1,2-Dichlorobenzene
 Concen: 38.047 ng
 RT: 8.48 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.6	78.8
111	41.6	35.3	52.9





#15

Benzyl Alcohol

Concen: 41.754 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Tot Ion:	79	Resp:	258010
Ion Ratio	Lower	Upper	
79	100		
108	67.4	54.9	82.3
77	65.0	51.0	76.6

Instrument :

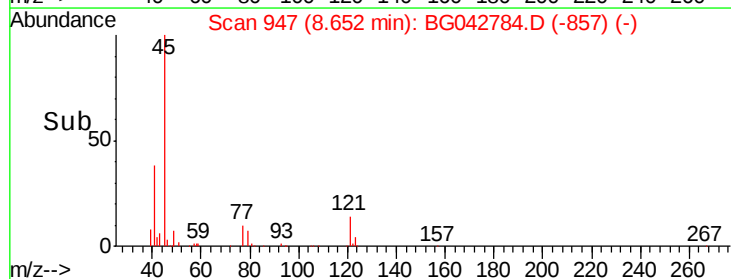
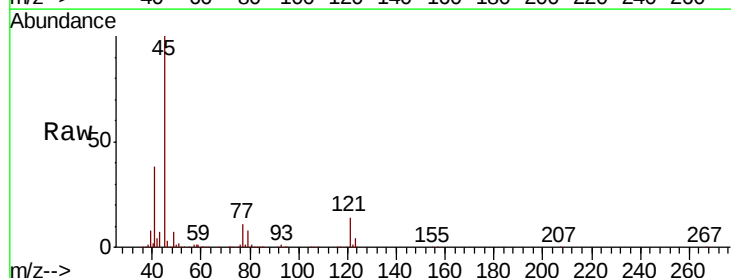
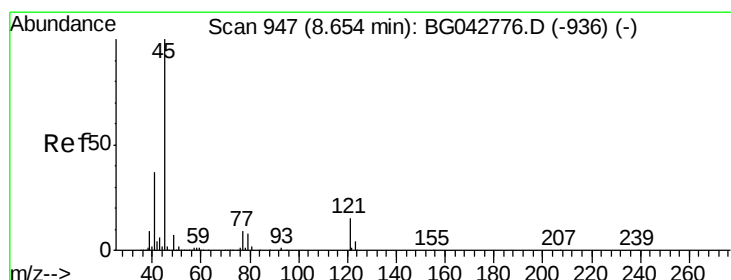
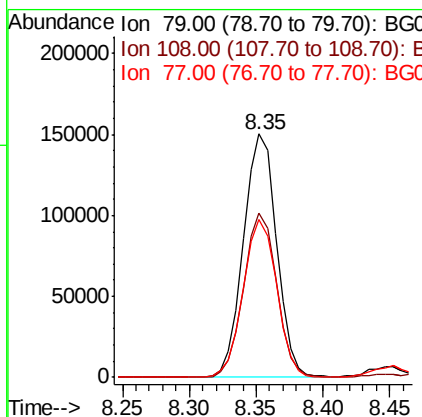
BNA_G

ClientSampleId :

PB122965BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.591 ng

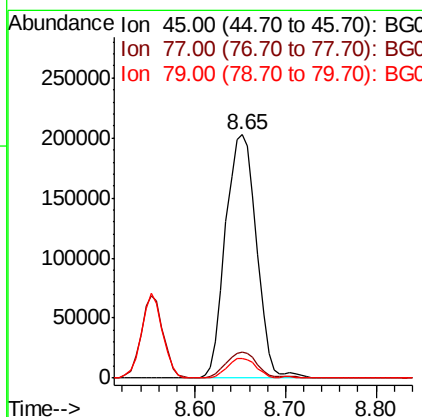
RT: 8.65 min Scan# 947

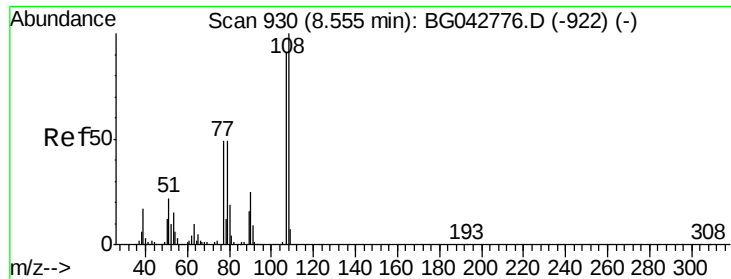
Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Tgt Ion:	45	Resp:	480265
Ion Ratio	Lower	Upper	
45	100		
77	10.5	0.0	29.4
79	7.8	0.0	28.4





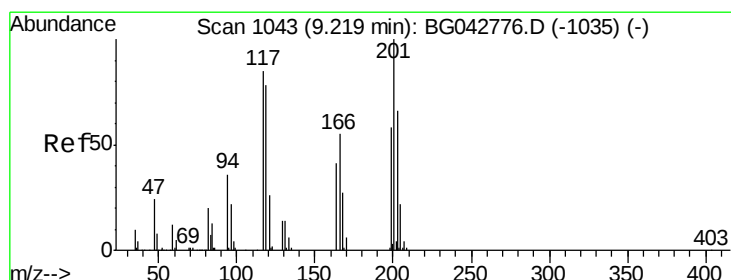
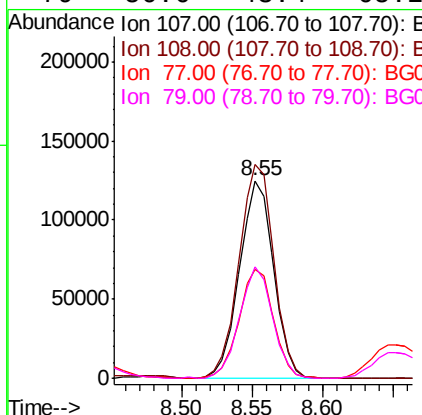
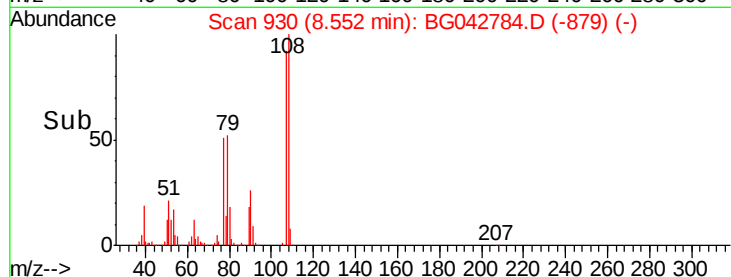
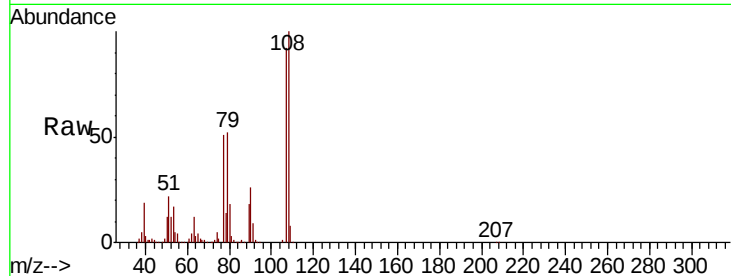
#17
2-Methylphenol
Concen: 42.769 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB122965BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.3	87.7	131.5	
77	55.1	42.6	64.0	
79	56.6	43.4	65.2	

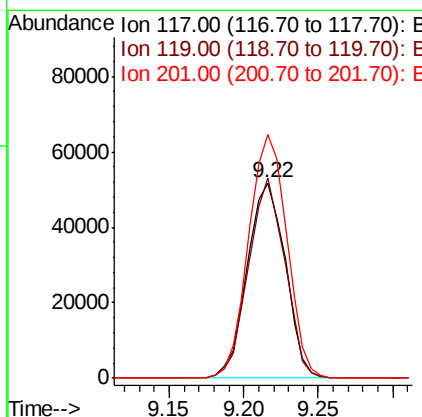
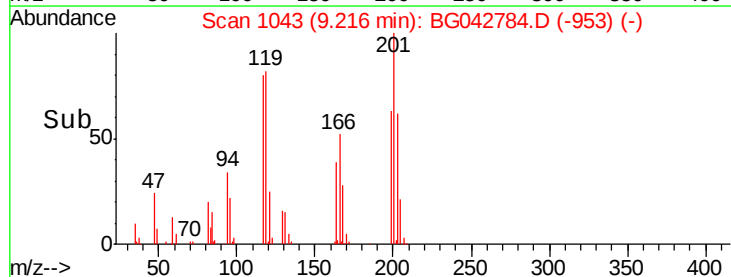
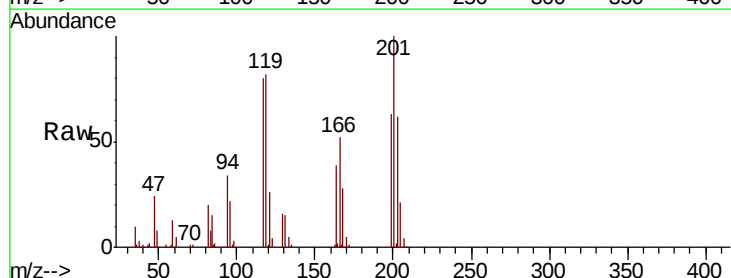
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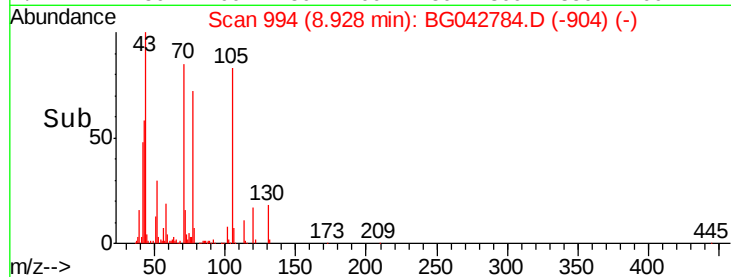
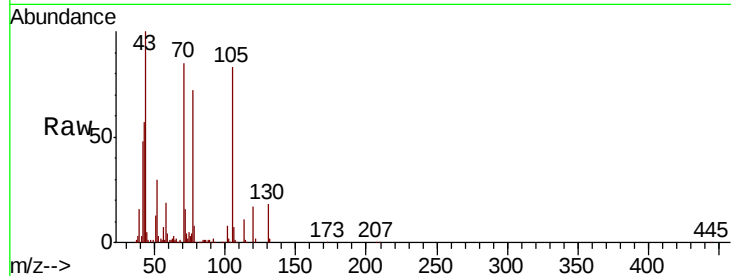
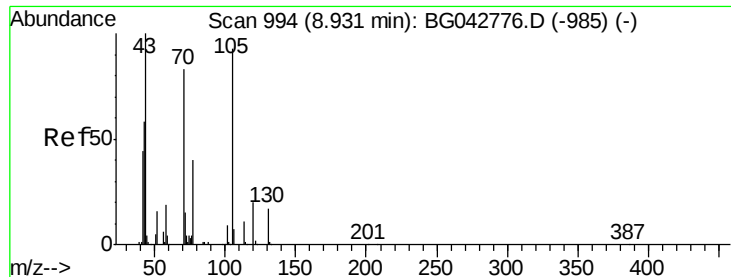
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#18
Hexachloroethane
Concen: 37.298 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	102.4	73.8	110.8	
201	124.7	94.6	142.0	





#19

n-Nitroso-di-n-propylamine

Concen: 39.240 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB122965BS

Tot Ion: 70 Resp: 208193

Ion Ratio Lower Upper

70 100

42 67.6 57.0 85.6

101 9.6 8.4 12.6

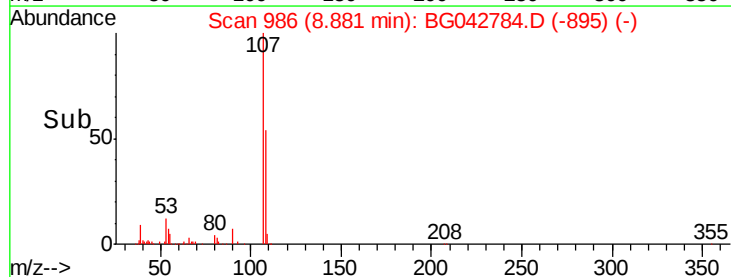
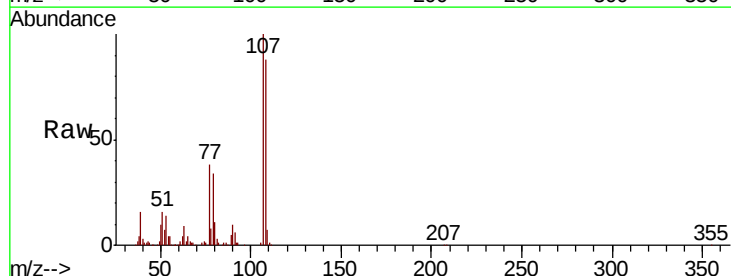
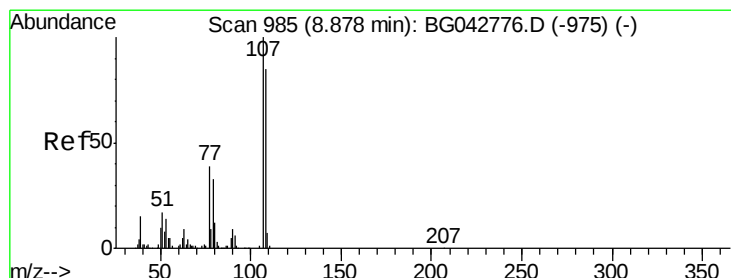
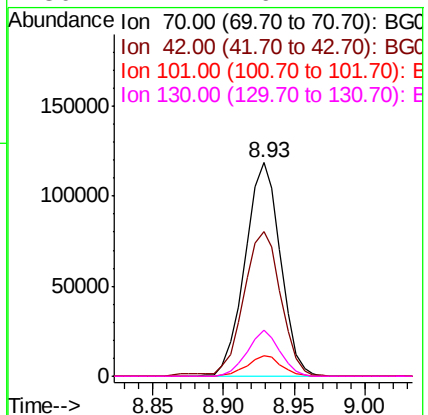
130 21.4 16.1 24.1

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#20

3+4-Methylphenols

Concen: 43.025 ng

RT: 8.88 min Scan# 986

Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Tgt Ion: 107 Resp: 292991

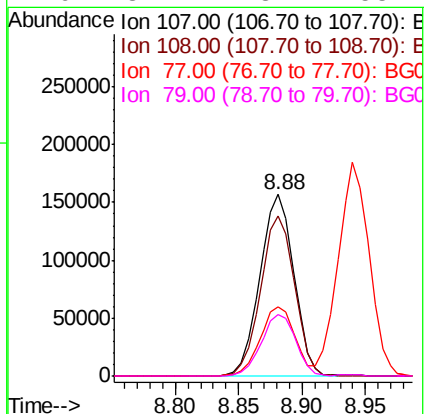
Ion Ratio Lower Upper

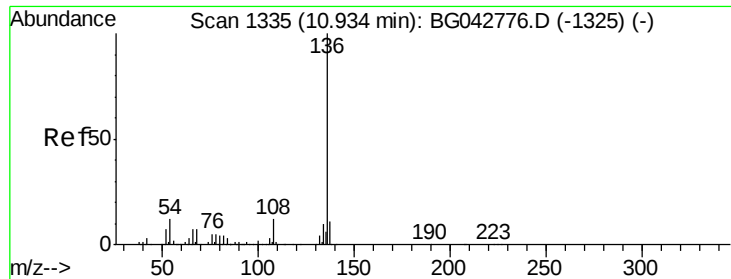
107 100

108 87.8 65.4 105.4

77 37.8 18.7 58.7

79 34.2 13.7 53.7





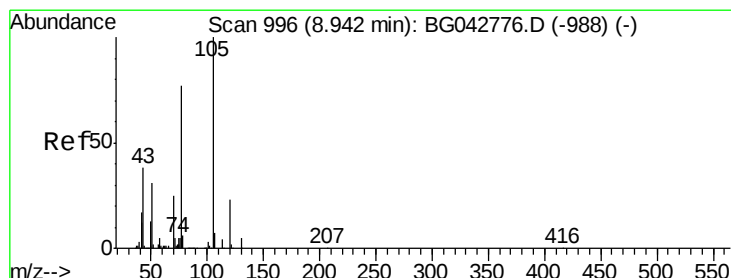
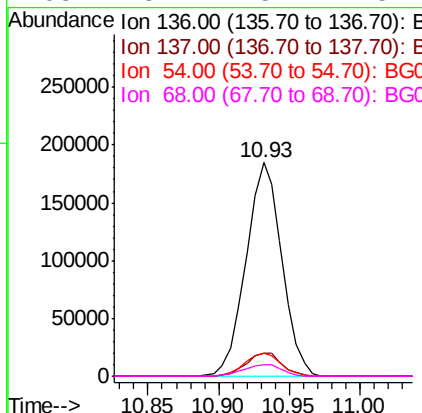
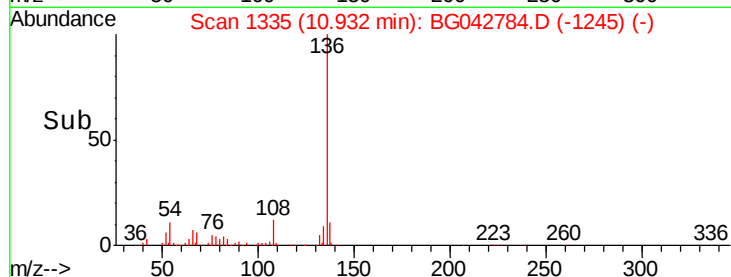
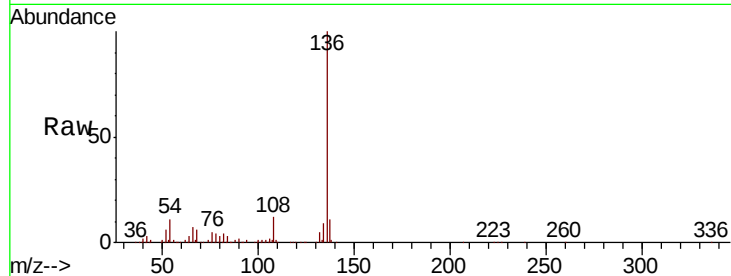
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB122965BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.0	13.6	
54	10.9	9.4	14.0	
68	5.7	5.4	8.2	

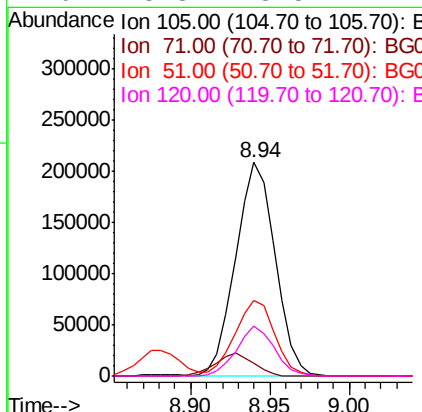
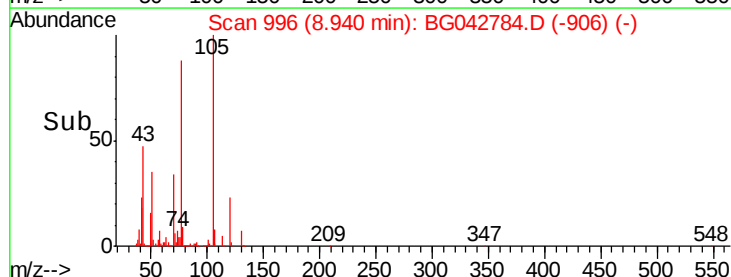
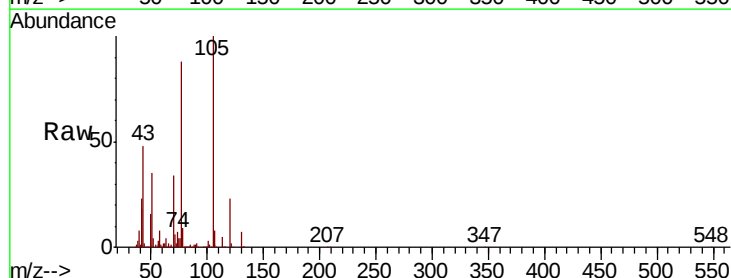
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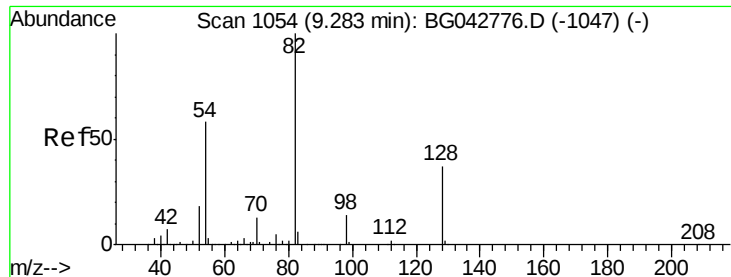
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#22
Acetophenone
Concen: 43.450 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.3	3.7	5.5#	
51	35.5	28.8	43.2	
120	23.3	18.5	27.7	





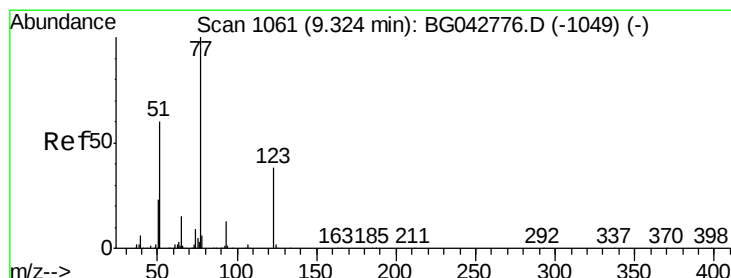
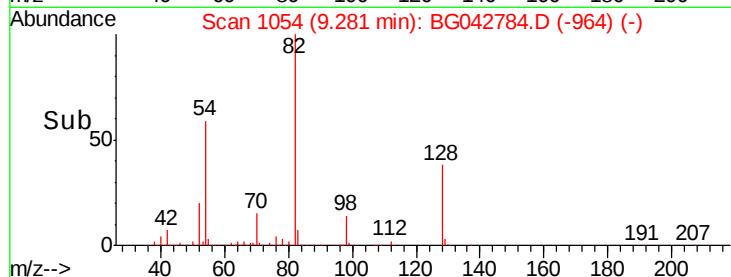
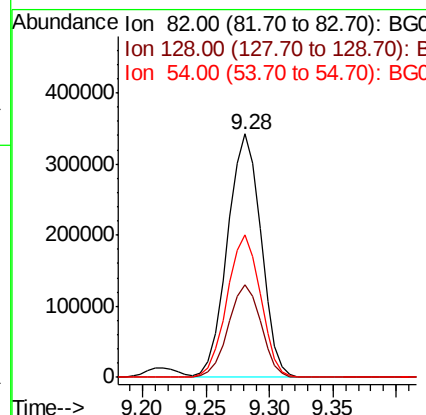
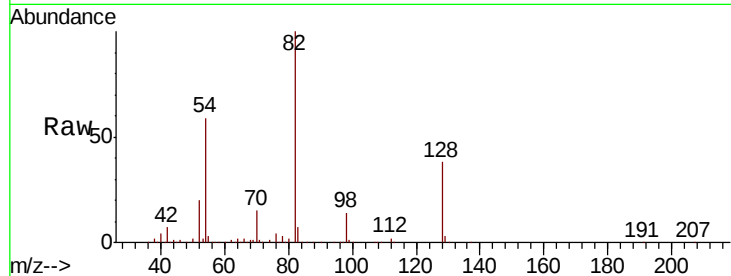
#23
Nitrobenzene-d5
Concen: 99.131 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB122965BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.0	29.8	44.8	
54	58.6	46.1	69.1	

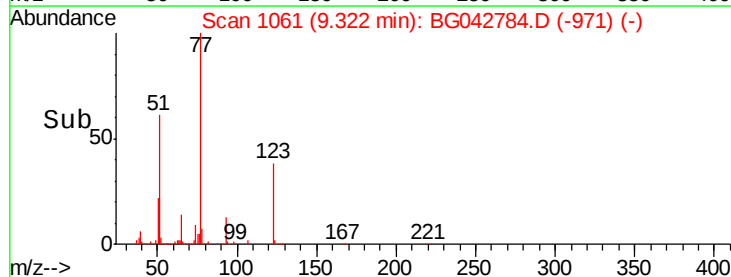
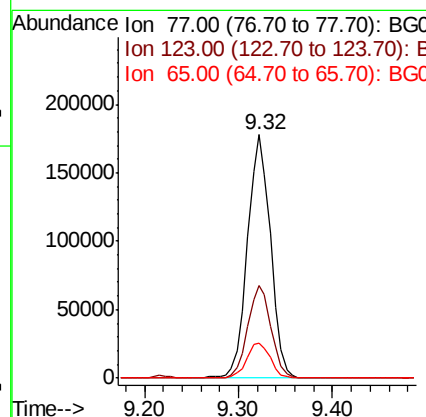
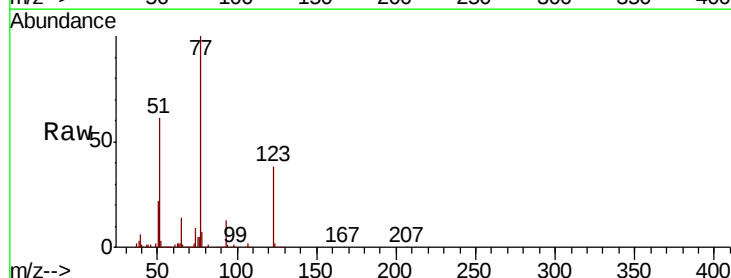
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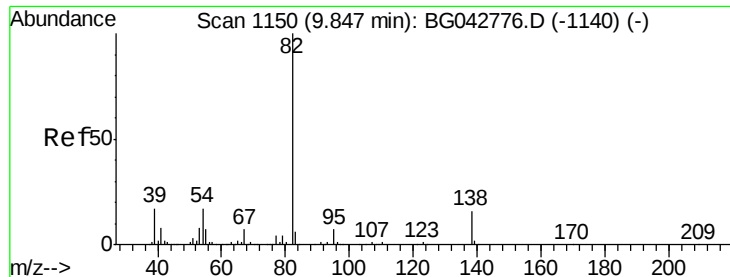
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#24
Nitrobenzene
Concen: 45.380 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	38.0	30.7	46.1	
65	14.3	12.2	18.4	





#25

Isophorone

Concen: 42.908 ng

RT: 9.85 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

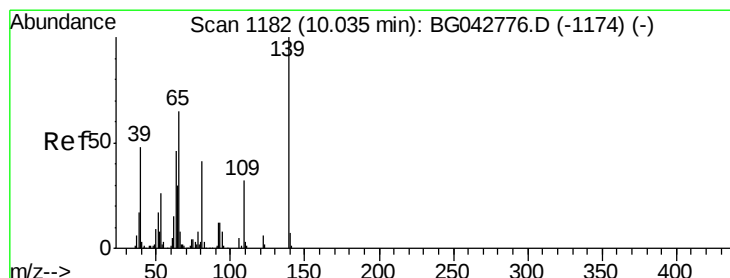
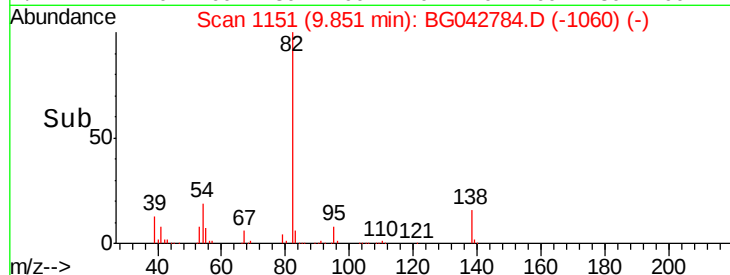
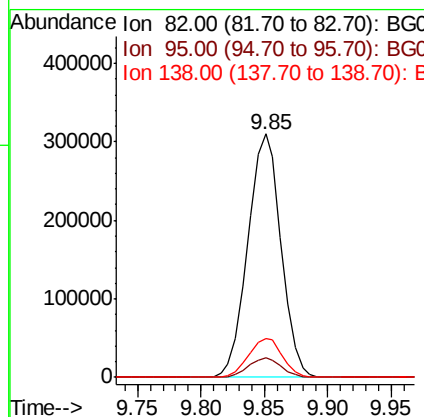
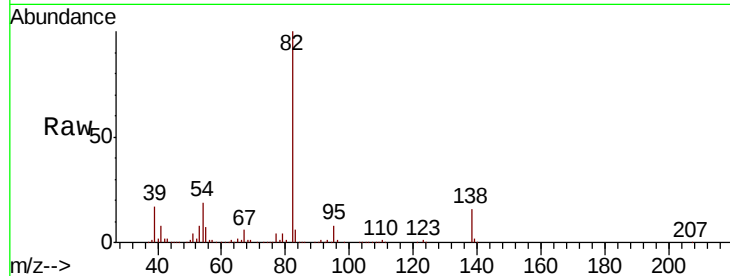
ClientSampleId :

PB122965BS

Tot Ion:	82	Resp:	564188
Ion Ratio	Lower	Upper	
82	100		
95	7.9	5.8	8.8
138	16.2	12.9	19.3

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#26

2-Nitrophenol

Concen: 47.037 ng

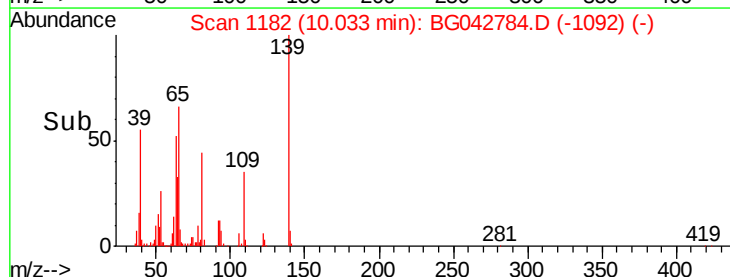
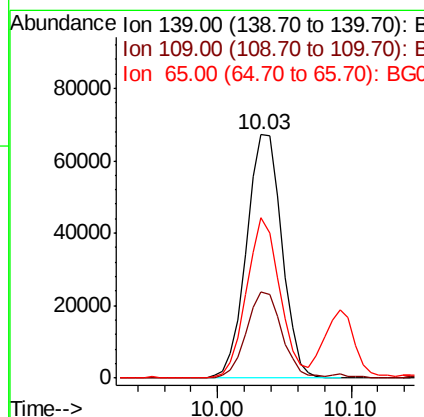
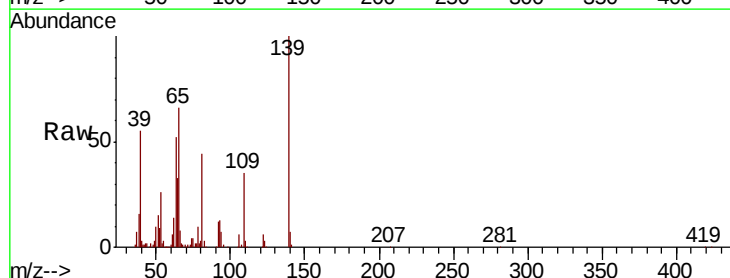
RT: 10.03 min Scan# 1182

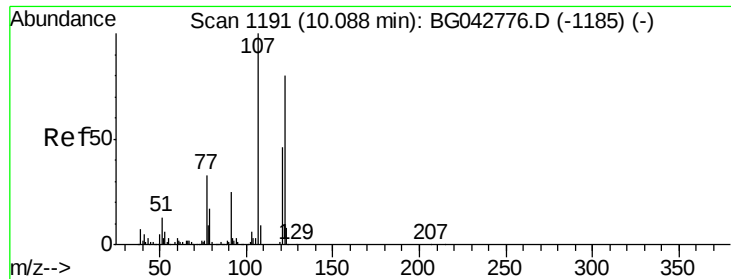
Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Tgt Ion:	139	Resp:	122471
Ion Ratio	Lower	Upper	
139	100		
109	35.4	25.8	38.8
65	65.7	52.2	78.2





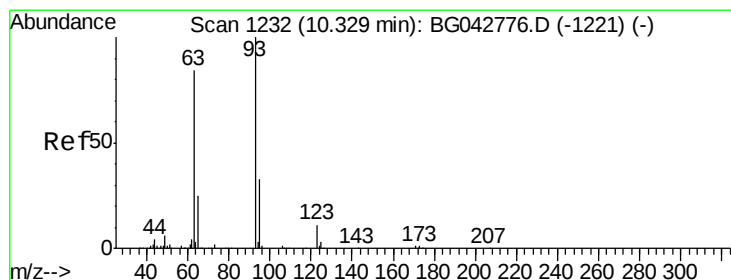
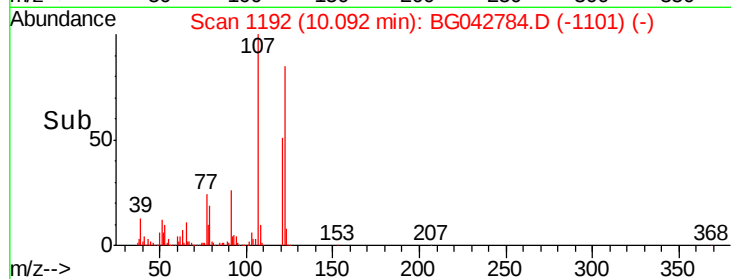
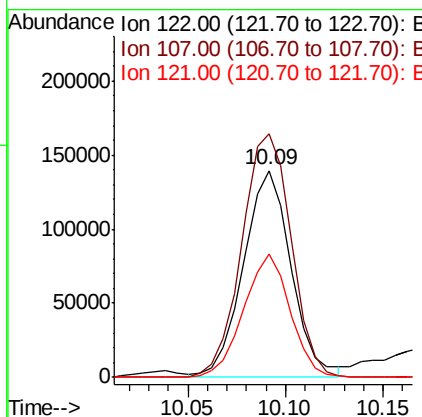
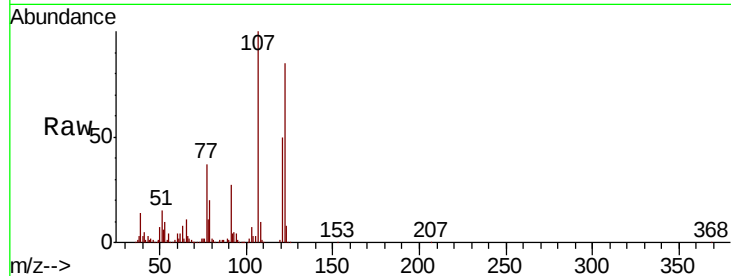
#27
 2,4-Dimethylphenol
 Concen: 51.221 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Instrument :
 BNA_G
 ClientSampleId :
 PB122965BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	235909		
107	117.7	98.9	148.3	
121	59.4	46.2	69.2	

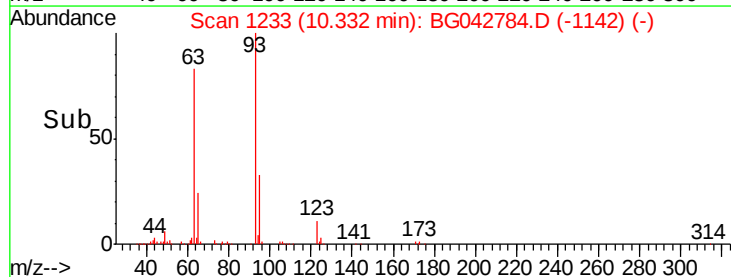
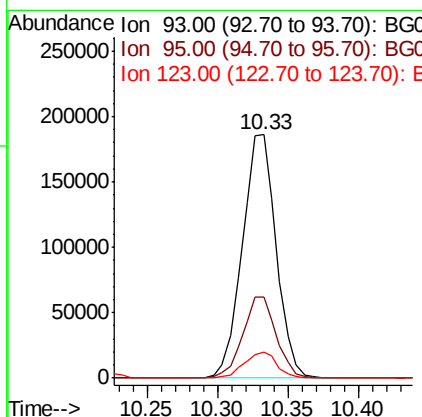
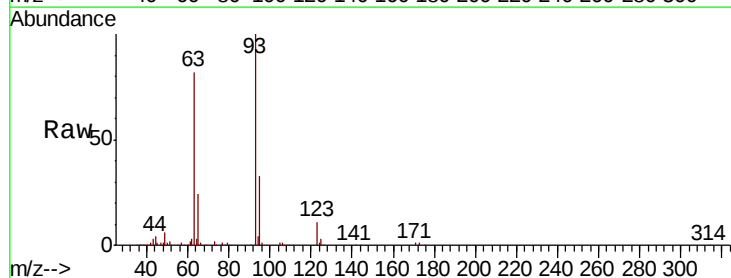
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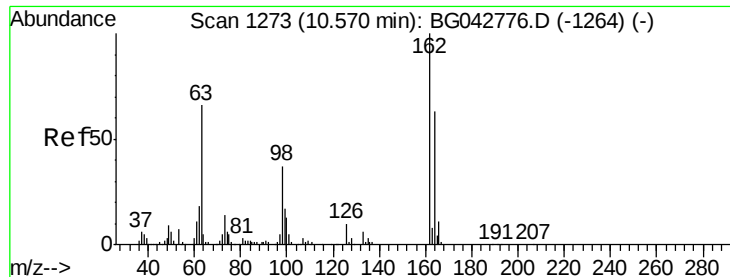
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.520 ng
 RT: 10.33 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	311789		
95	33.4	26.6	40.0	
123	10.9	9.0	13.6	





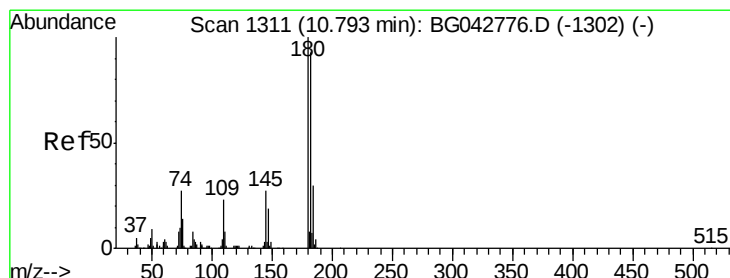
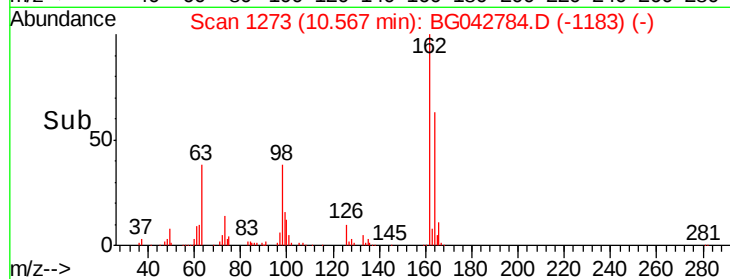
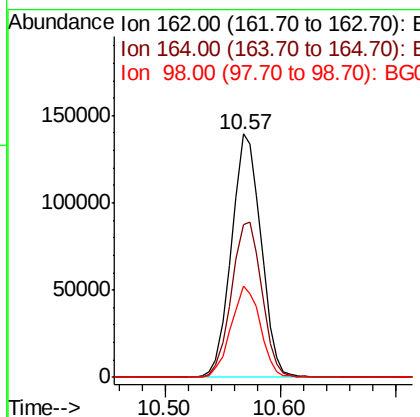
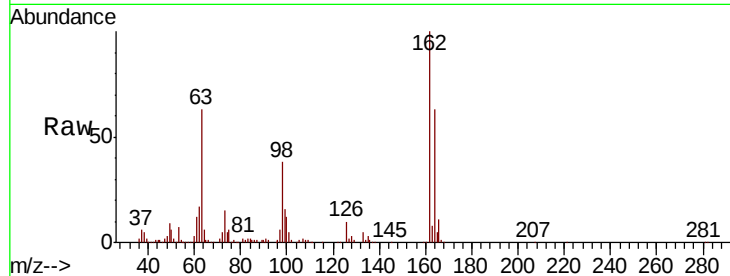
#29
2,4-Dichlorophenol
Concen: 46.188 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB122965BS

Tot Ion:	162	Resp:	247206
Ion Ratio	Lower	Upper	
162	100		
164	62.8	43.4	83.4
98	37.7	17.0	57.0

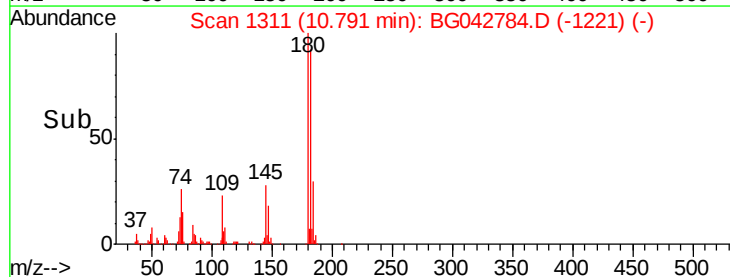
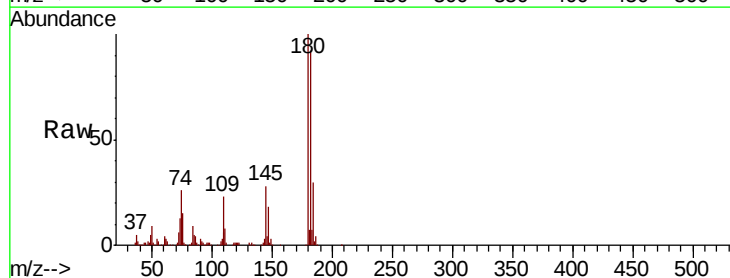
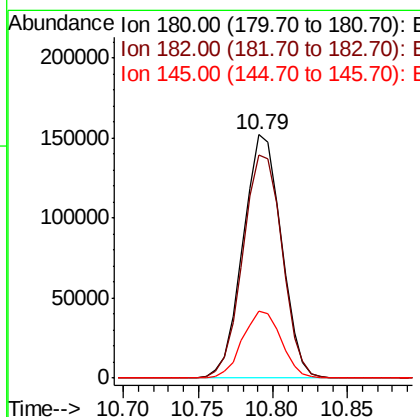
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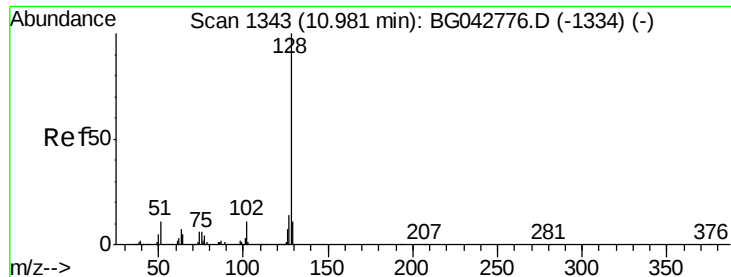
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#30
1,2,4-Trichlorobenzene
Concen: 41.439 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion:	180	Resp:	270787
Ion Ratio	Lower	Upper	
180	100		
182	91.9	74.6	112.0
145	27.7	21.8	32.6





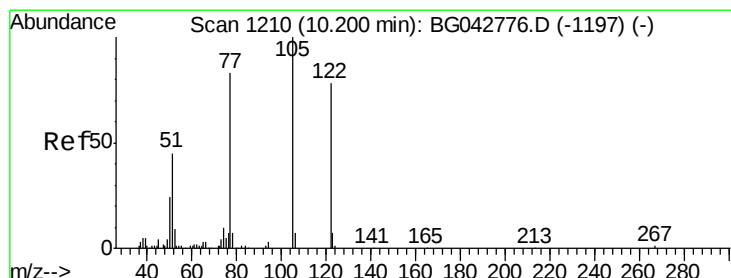
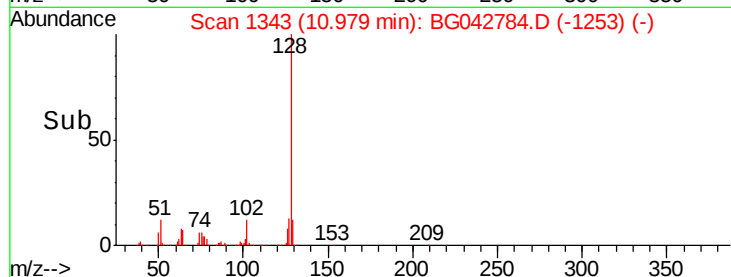
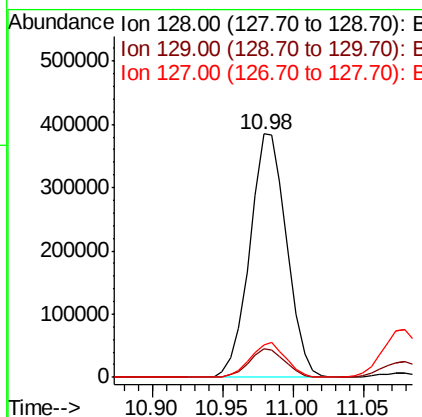
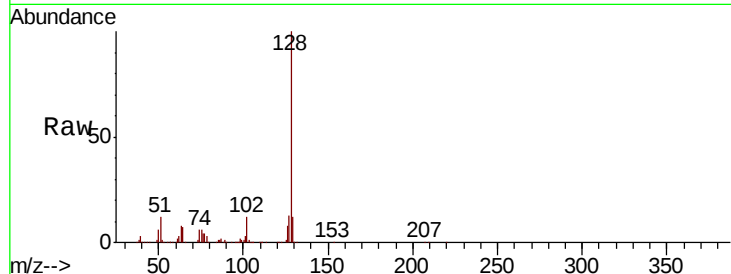
#31
Naphthalene
Concen: 43.493 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB122965BS

Tot Ion:	128	Resp:	705244
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.0	13.6
127	13.3	11.4	17.2

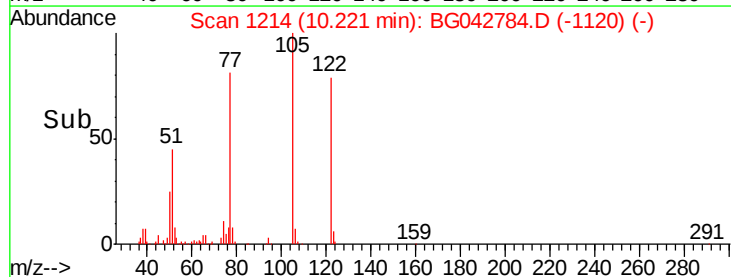
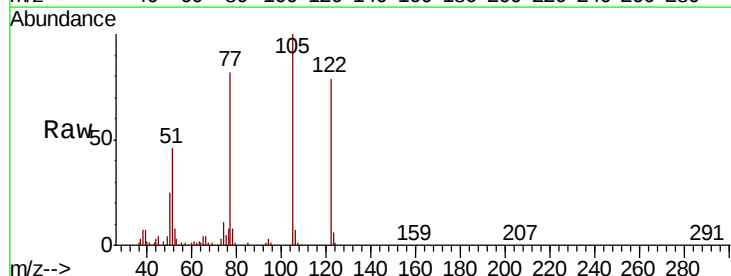
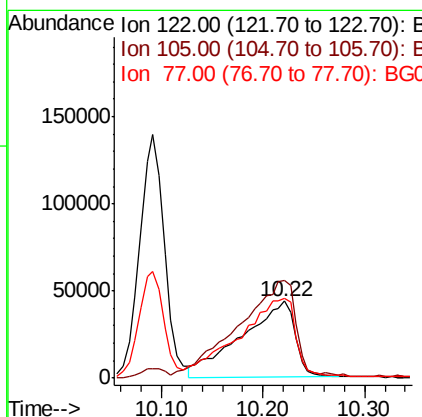
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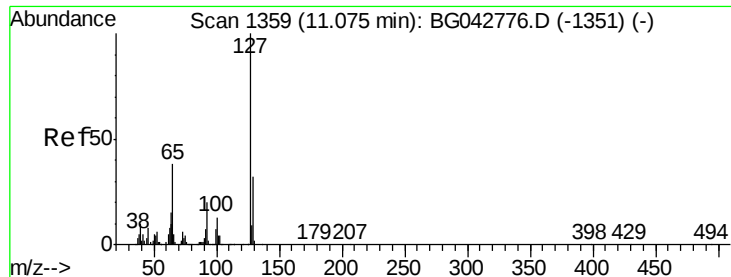
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#32
Benzoic acid
Concen: 43.178 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion:	122	Resp:	158299
Ion Ratio	Lower	Upper	
122	100		
105	126.3	104.0	144.0
77	102.9	84.2	124.2





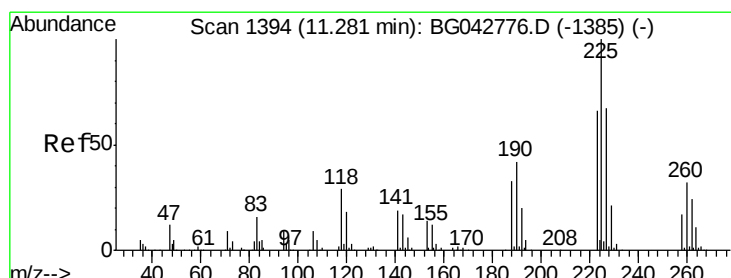
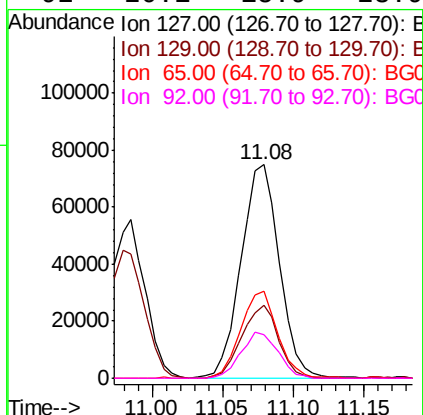
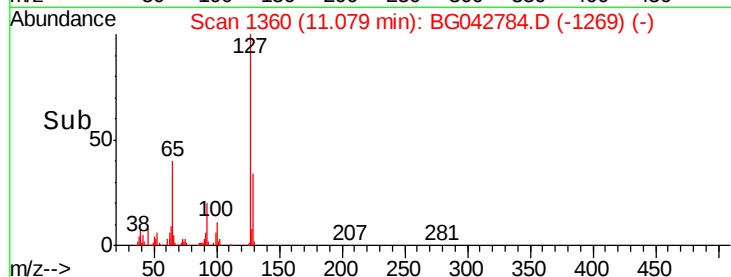
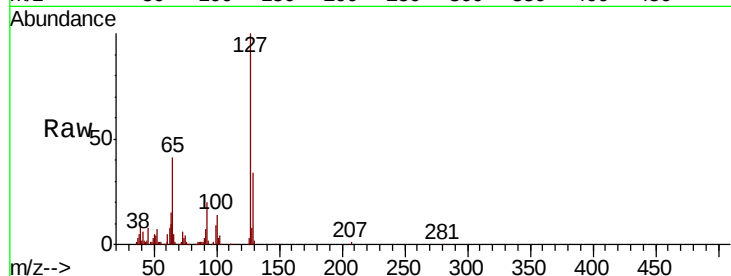
#33
4-Chloroaniline
Concen: 18.691 ng
RT: 11.08 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB122965BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.4	25.8	38.6		
65	40.6	30.5	45.7		
92	20.1	15.9	23.9		

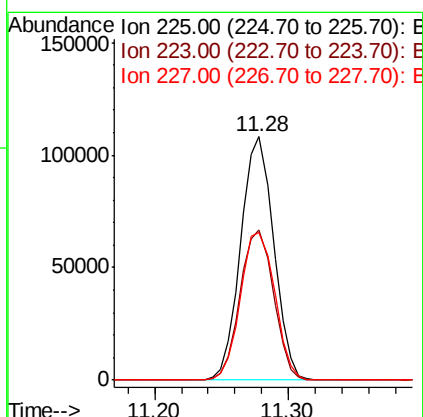
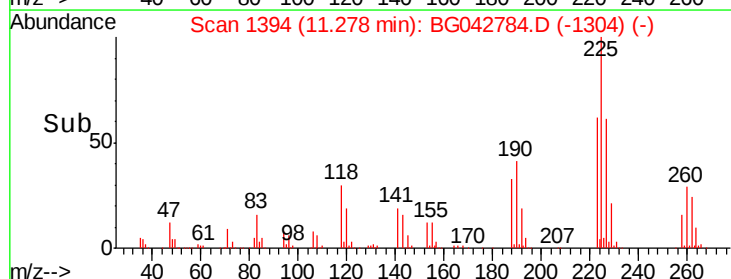
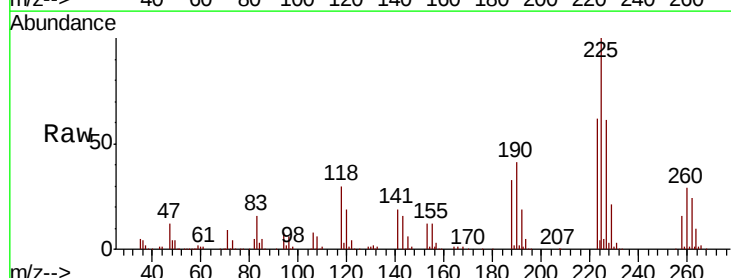
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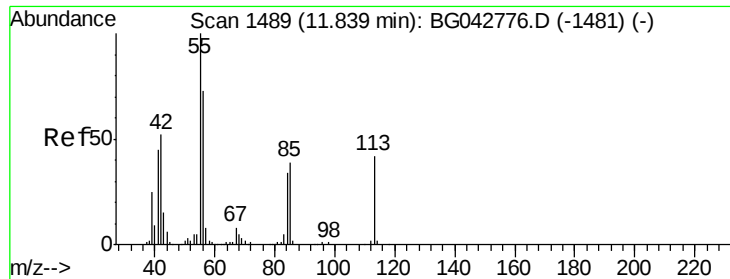
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#34
Hexachlorobutadiene
Concen: 40.443 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	52.6	79.0		
227	60.7	53.6	80.4		





#35

Caprolactam

Concen: 45.416 ng/ml

RT: 11.84 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB122965BS

Tot Ion:113 Resp: 90390

Ion Ratio Lower Upper

113 100

55 219.0 218.4 258.4

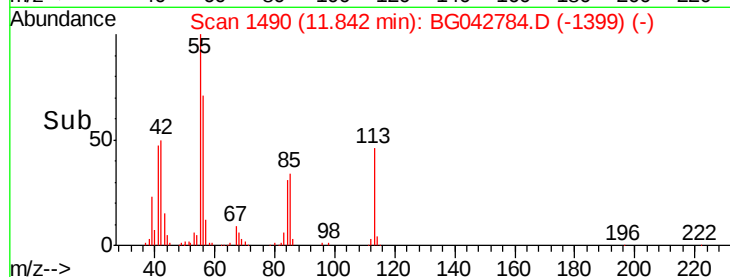
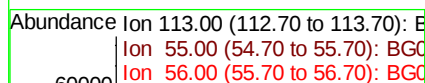
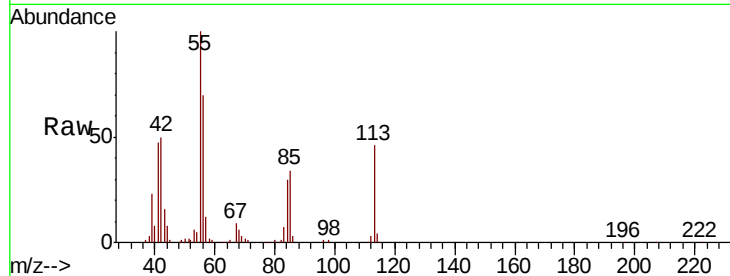
56 153.3 154.8 194.8#

Manual Integrations

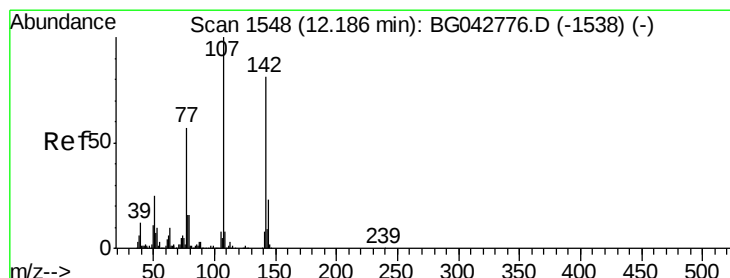
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Time-->



#36

4-Chloro-3-methylphenol

Concen: 46.797 ng/ml

RT: 12.19 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

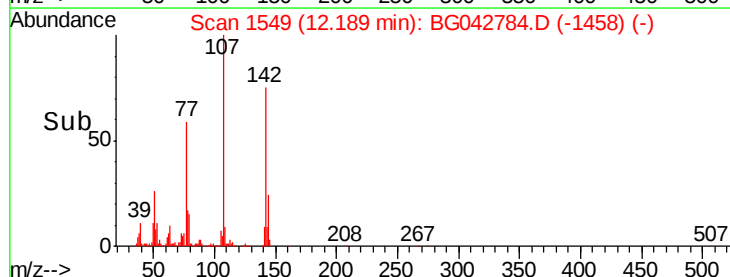
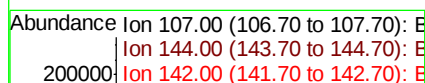
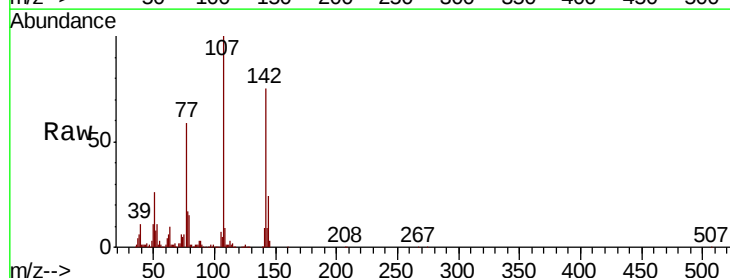
Tgt Ion:107 Resp: 271947

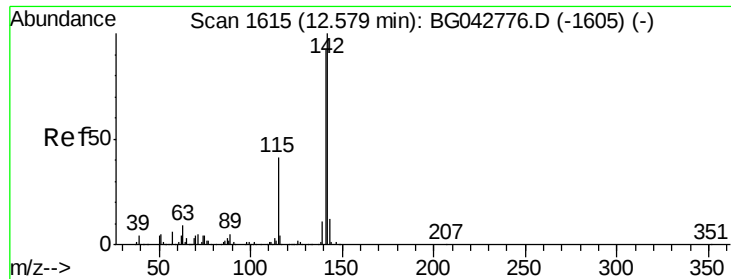
Ion Ratio Lower Upper

107 100

144 23.9 18.7 28.1

142 74.6 65.0 97.4





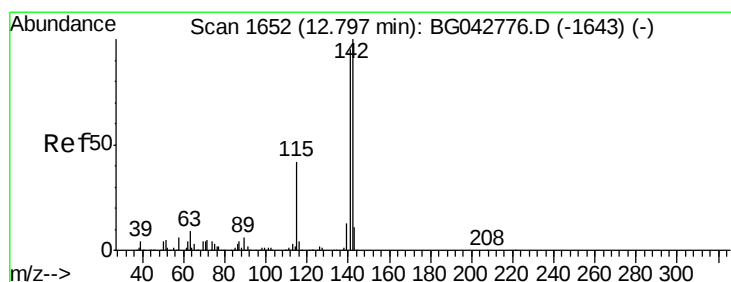
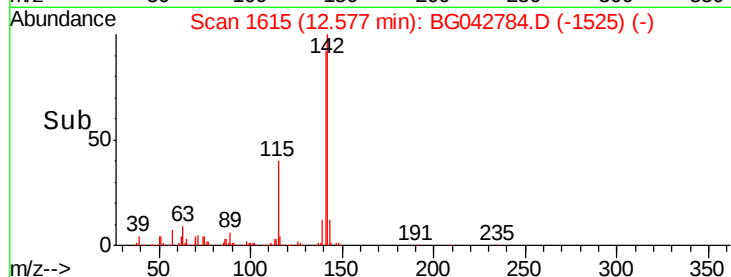
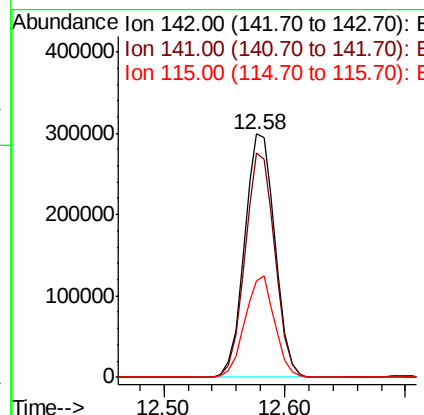
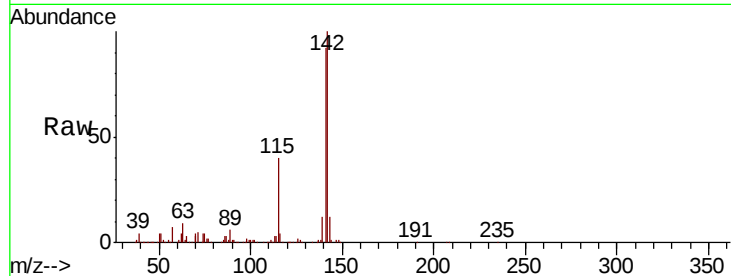
#37
 2-Methylnaphthalene
 Concen: 43.097 ng
 RT: 12.58 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Instrument :
 BNA_G
 ClientSampleId :
 PB122965BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.8	110.8
115	39.6	33.0	49.4

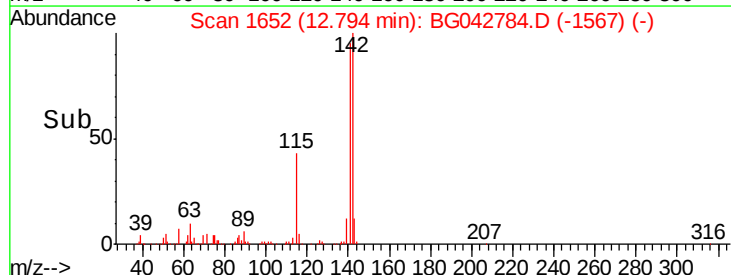
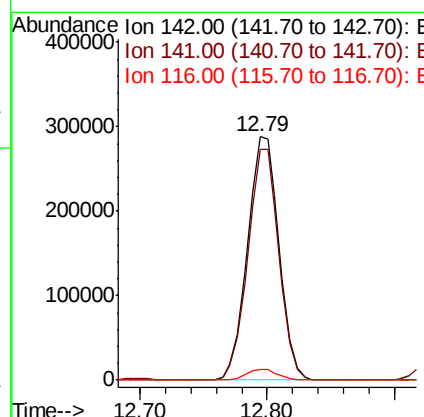
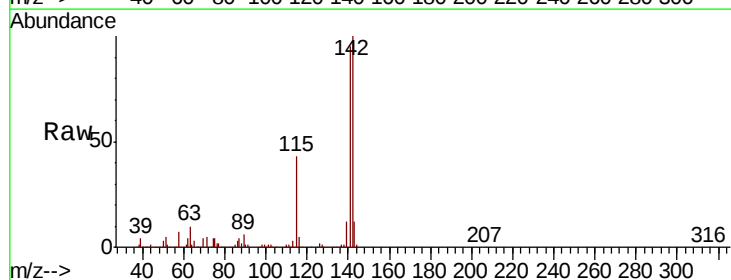
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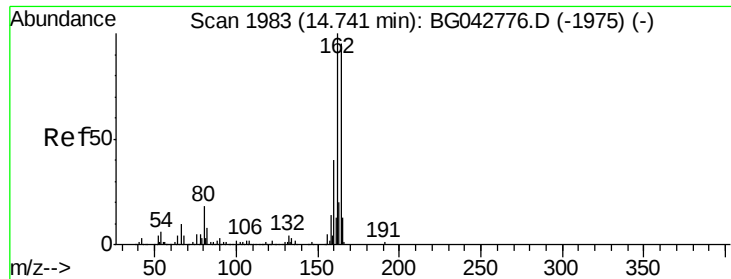
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#38
 1-Methylnaphthalene
 Concen: 43.469 ng
 RT: 12.79 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	76.3	114.5
116	4.5	3.4	5.0





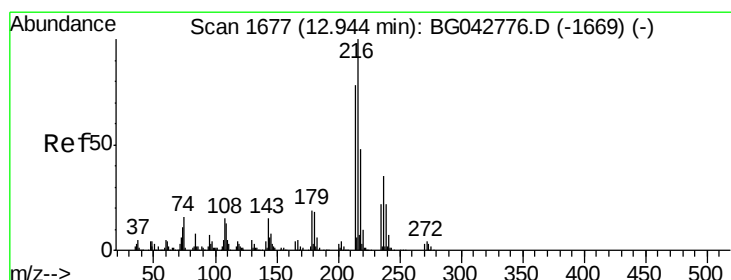
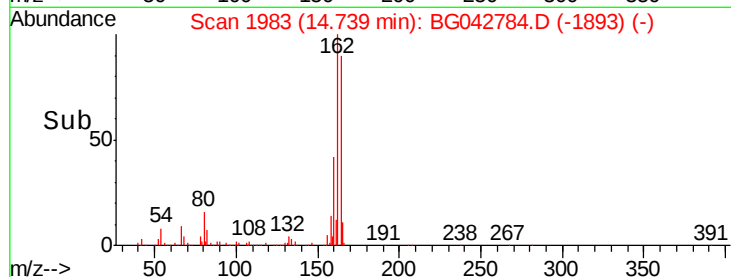
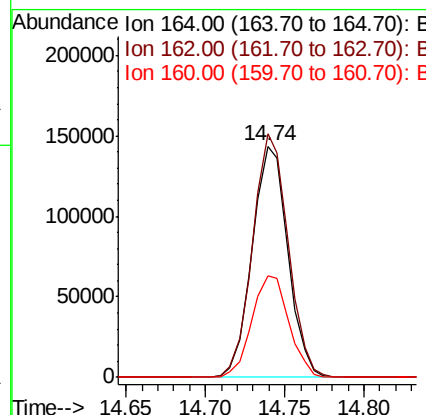
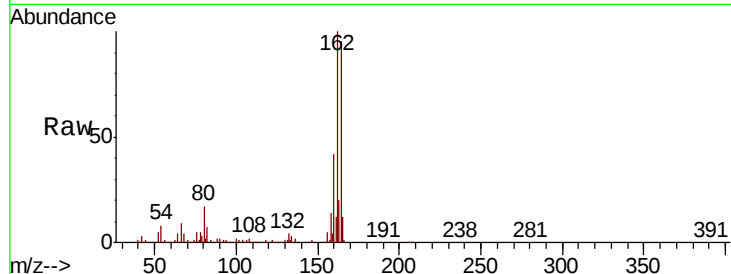
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB122965BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.3	84.6	126.8	
160	43.7	34.2	51.2	

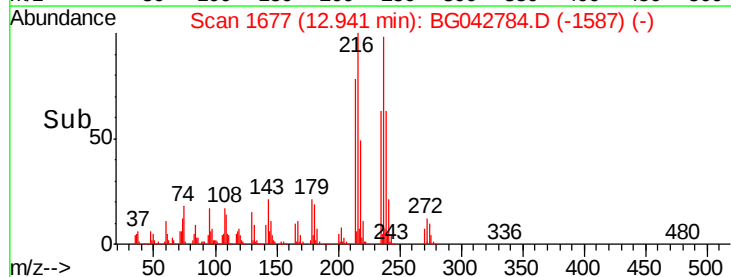
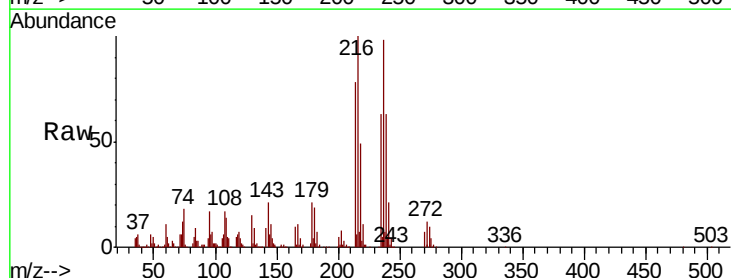
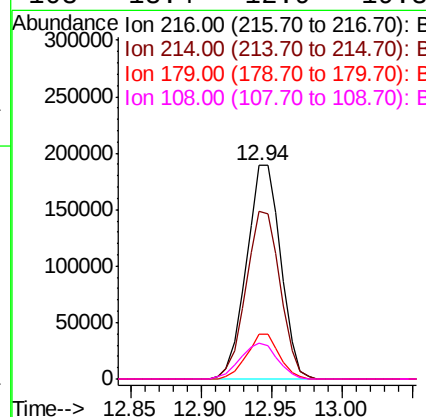
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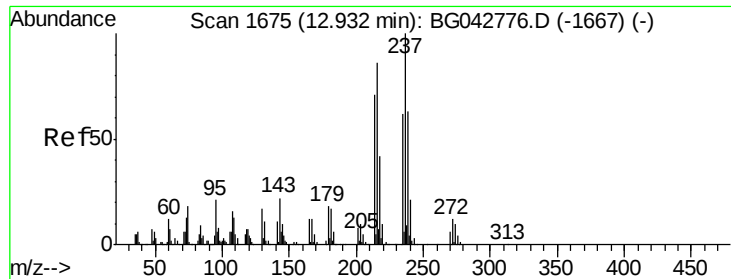
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.376 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	62.8	94.2	
179	20.0	15.3	22.9	
108	18.4	12.9	19.3	





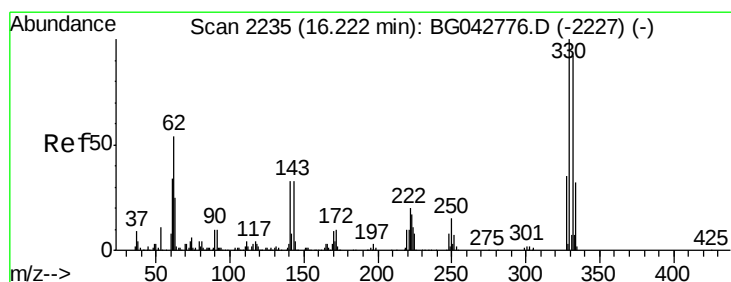
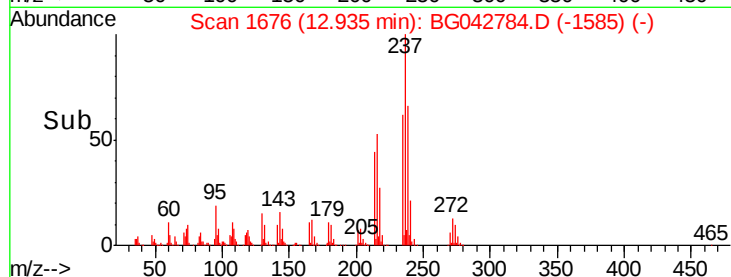
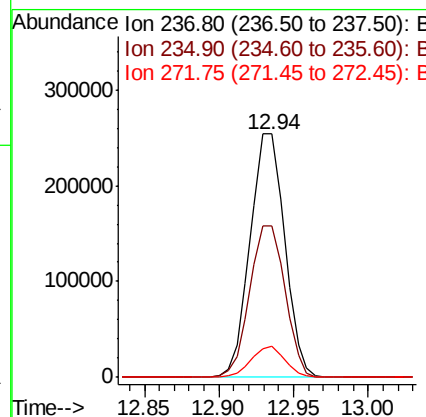
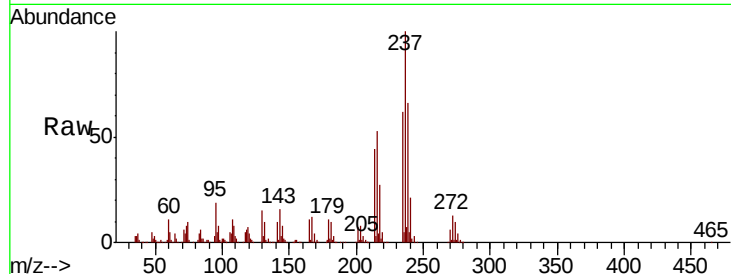
#41
Hexachlorocyclopentadiene
Concen: 95.763 ng
RT: 12.94 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB122965BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	41.9	81.9
272	12.8	0.0	31.6

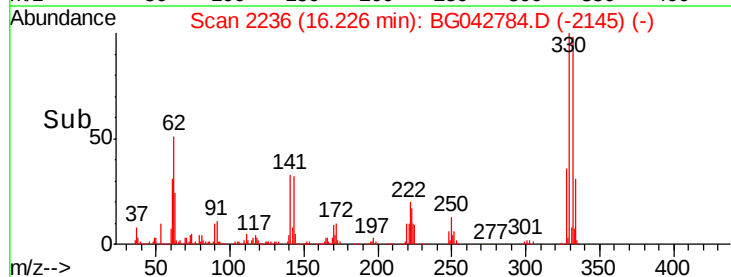
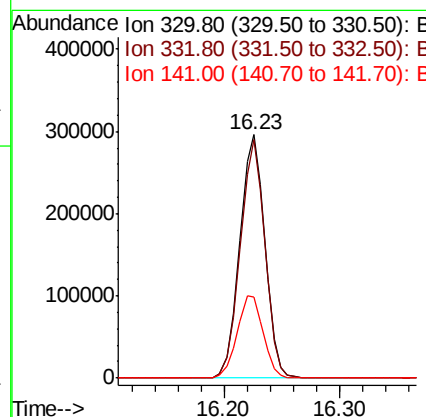
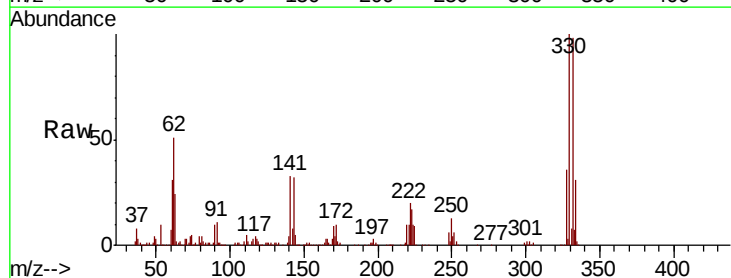
Manual Integrations
APPROVED

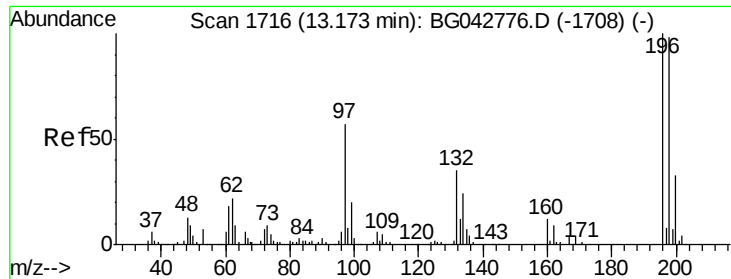
mohammad
9/16/2019 9:03:27 AM



#42
2,4,6-Tribromophenol
Concen: 149.262 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	76.7	115.1
141	35.0	27.0	40.6





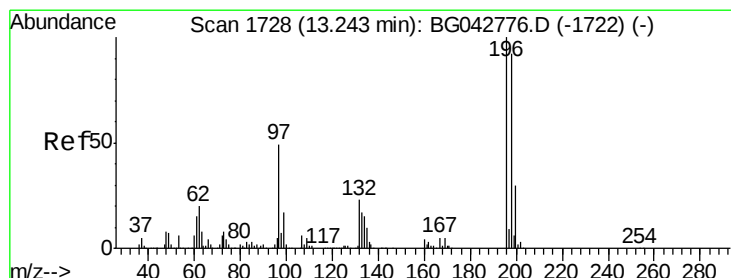
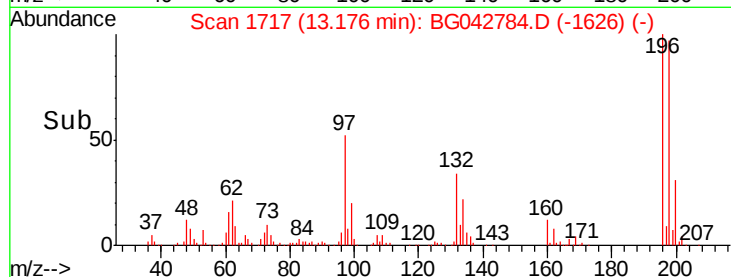
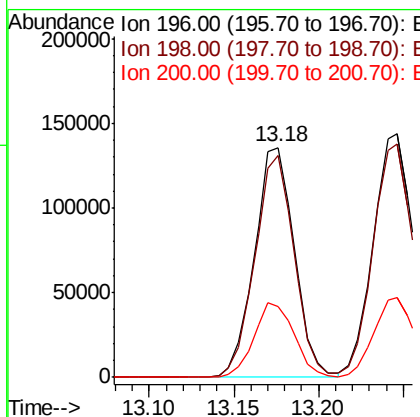
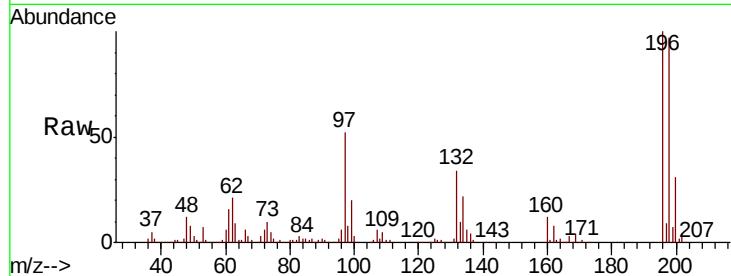
#43
 2,4,6-Trichlorophenol
 Concen: 45.132 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Instrument :
 BNA_G
 ClientSampleId :
 PB122965BS

Tot Ion:196	Resp:	222917
Ion Ratio	Lower	Upper
196	100	
198	96.6	78.8 118.2
200	30.7	26.2 39.4

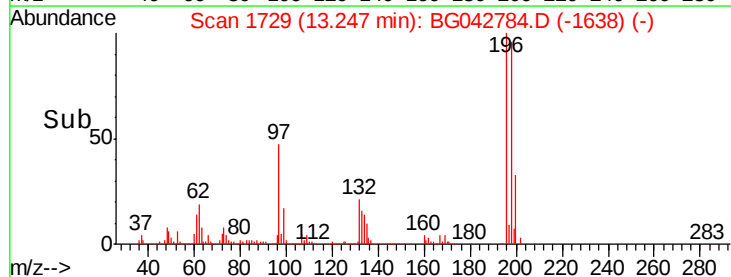
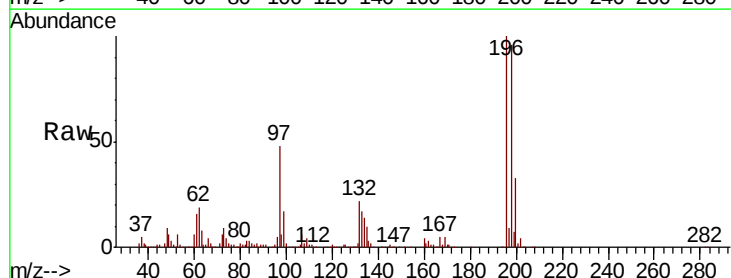
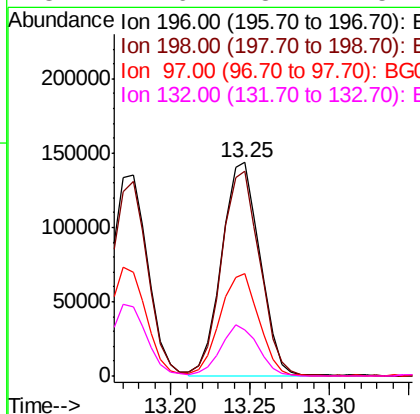
Manual Integrations
 APPROVED

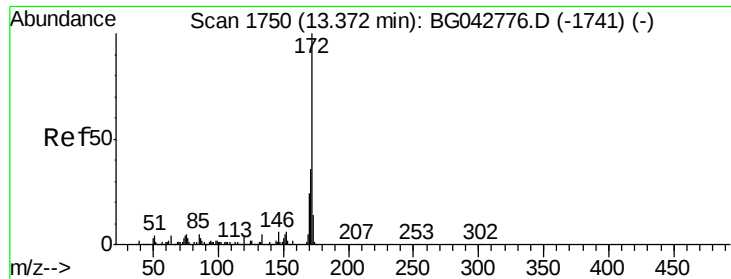
mohammad
 9/16/2019 9:03:27 AM



#44
 2,4,5-Trichlorophenol
 Concen: 47.394 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Tgt Ion:196	Resp:	239775
Ion Ratio	Lower	Upper
196	100	
198	95.8	73.4 110.0
97	48.0	39.2 58.8
132	21.6	18.7 28.1





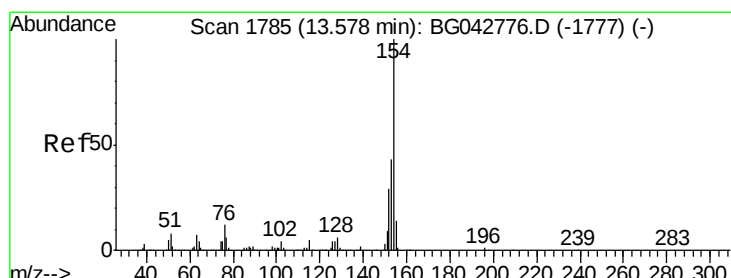
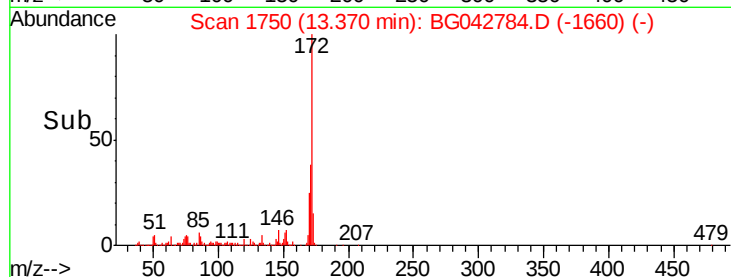
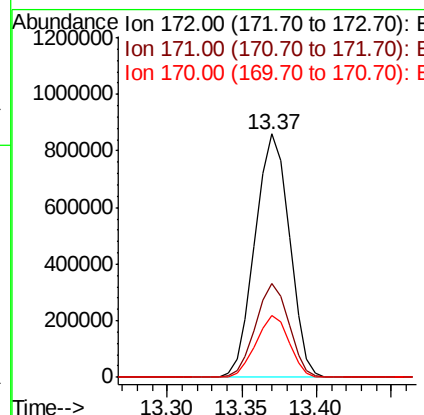
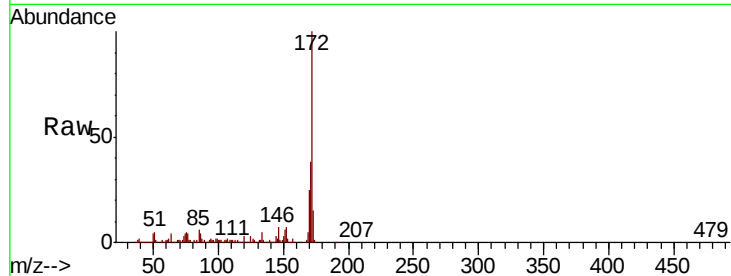
#45
2-Fluorobiphenyl
Concen: 96.890 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB122965BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	28.9	43.3
170	25.2	19.1	28.7

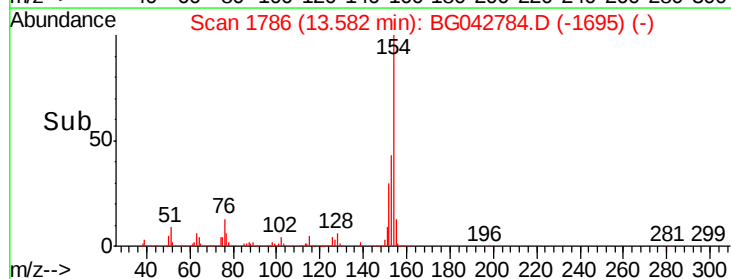
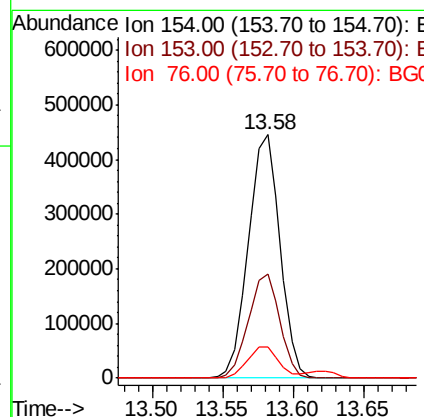
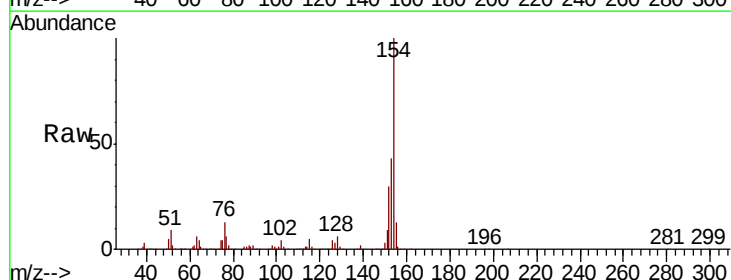
Manual Integrations
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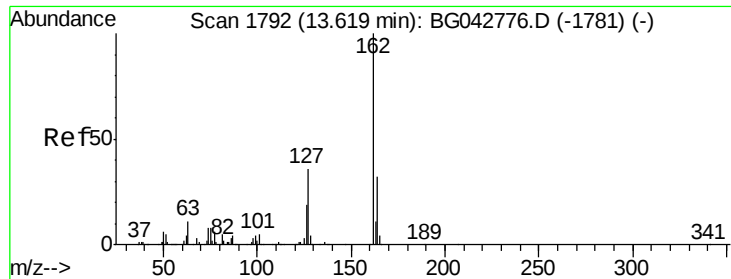
mohammad
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#46
1,1'-Biphenyl
Concen: 44.354 ng
RT: 13.58 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.6	62.6
76	12.7	0.0	32.2





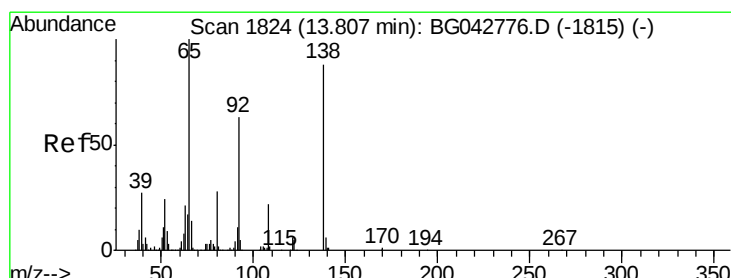
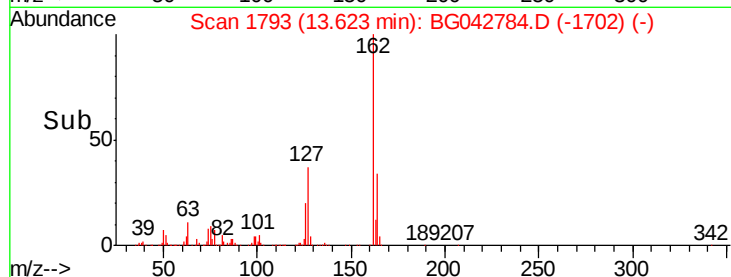
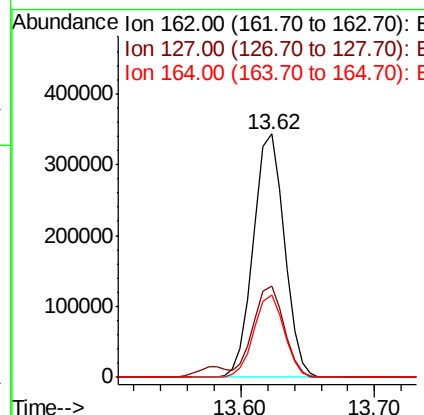
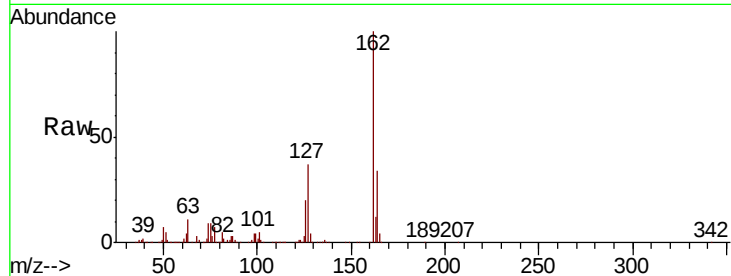
#47
 2-Chloronaphthalene
 Concen: 42.412 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Instrument :
 BNA_G
 ClientSampleId :
 PB122965BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	551442		
127	37.3	29.3	43.9	
164	33.9	26.0	39.0	

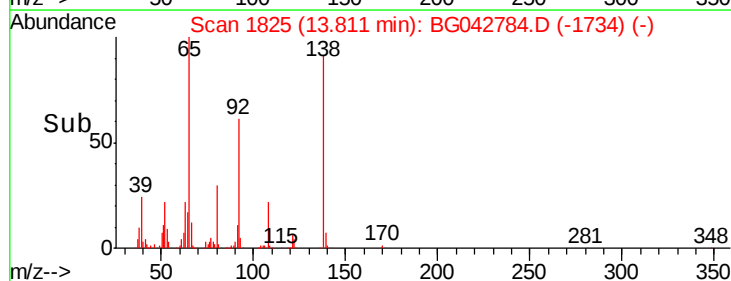
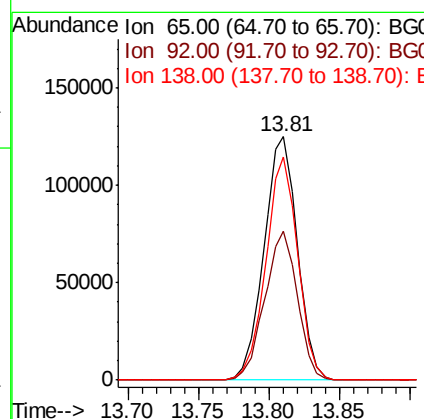
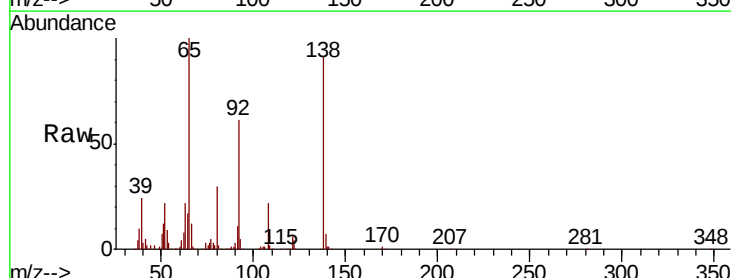
Manual Integrations
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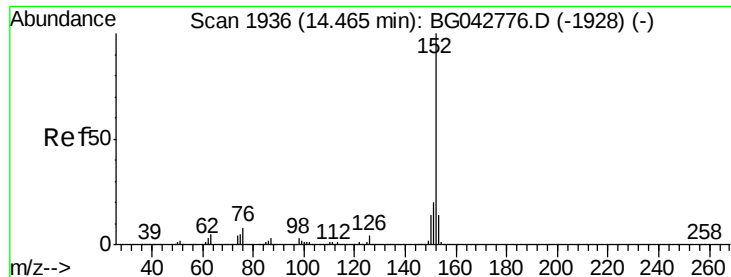
mohammad
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#48
 2-Nitroaniline
 Concen: 45.769 ng
 RT: 13.81 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	206436		
92	61.4	50.4	75.6	
138	91.5	70.6	106.0	





#49

Acenaphthylene

Concen: 44.754 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

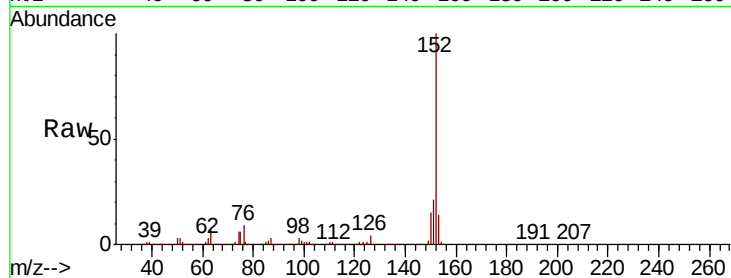
ClientSampleId :

PB122965BS

Tot Ion:	152	Resp:	889234
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.0	24.0
153	14.3	11.4	17.0

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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

600000

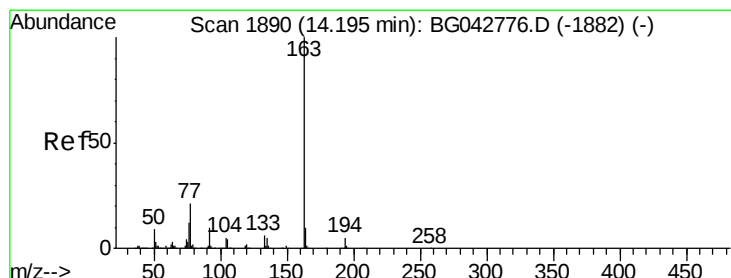
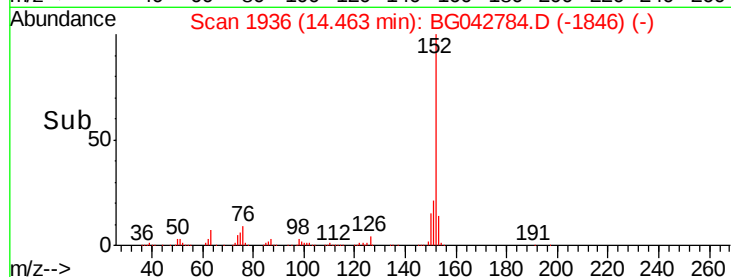
14.46

400000

200000

0

Time-->



#50

Dimethylphthalate

Concen: 42.996 ng

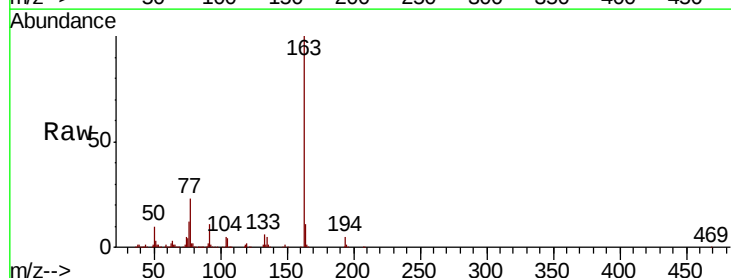
RT: 14.19 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Tgt Ion:	163	Resp:	723150
Ion Ratio	Lower	Upper	
163	100		
194	4.9	4.2	6.4
164	10.5	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

600000

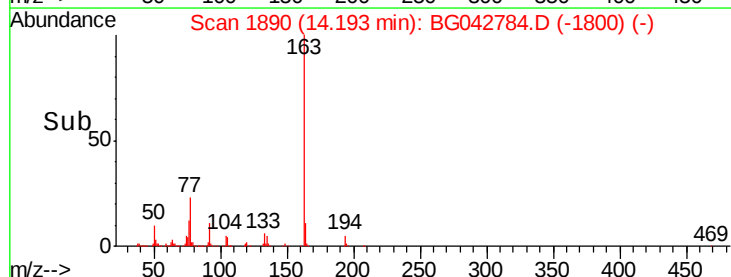
14.19

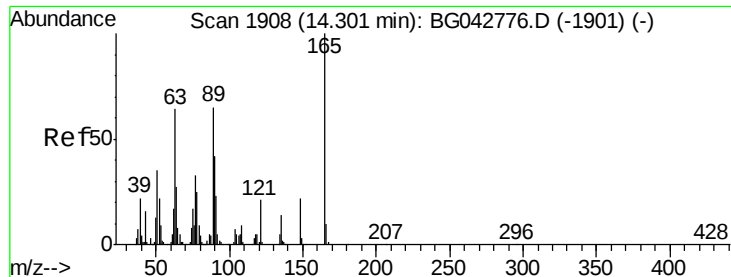
400000

200000

0

Time-->





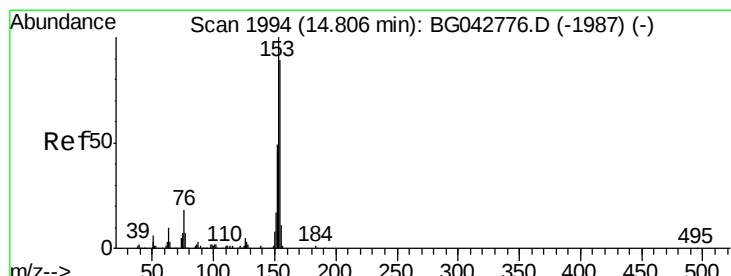
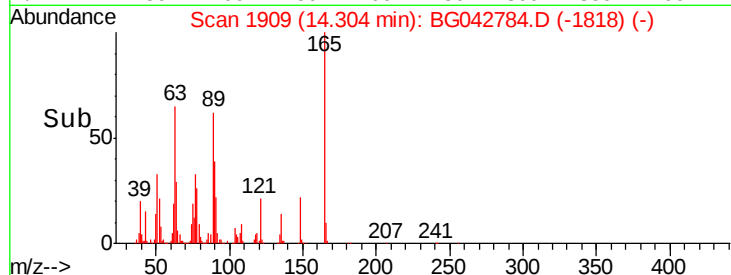
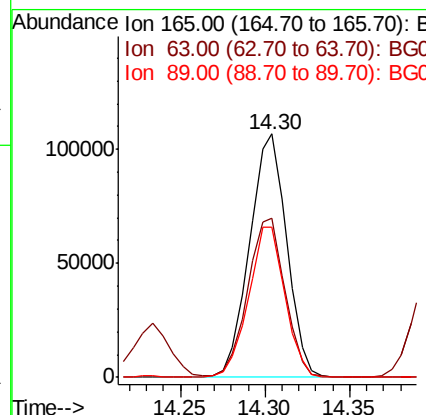
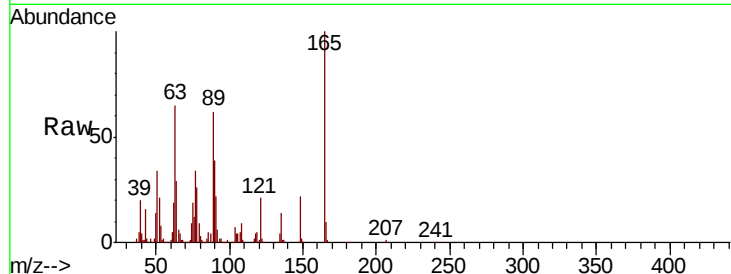
#51
 2,6-Dinitrotoluene
 Concen: 47.192 ng
 RT: 14.30 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Instrument :
 BNA_G
 ClientSampleId :
 PB122965BS

Tot Ion:	165	Resp:	162867
Ion Ratio	Lower	Upper	
165	100		
63	65.2	52.1	78.1
89	61.5	51.7	77.5

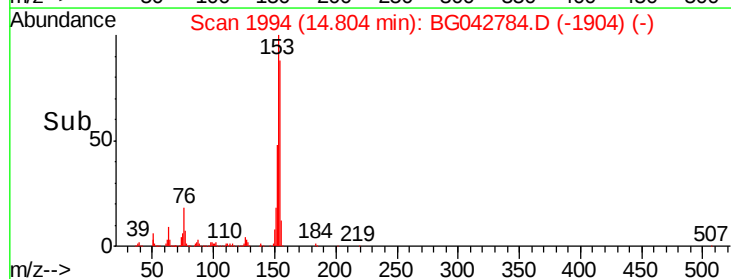
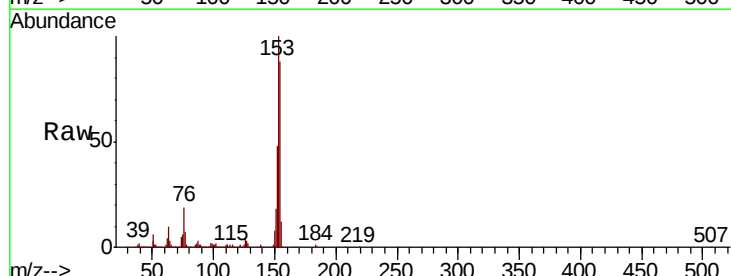
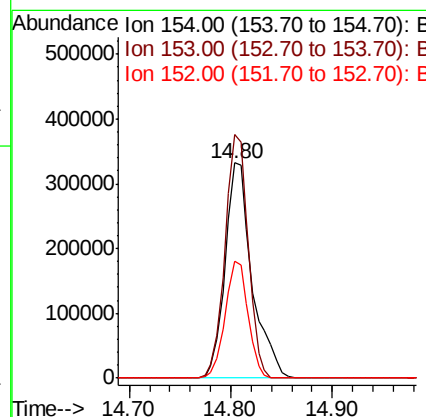
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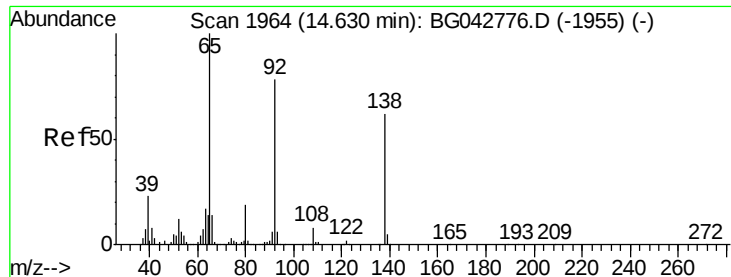
mohammad
 9/16/2019 9:03:27 AM



#52
 Acenaphthene
 Concen: 47.246 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Tgt Ion:	154	Resp:	613275
Ion Ratio	Lower	Upper	
154	100		
153	113.1	89.4	134.2
152	54.4	43.5	65.3





#53

3-Nitroaniline

Concen: 28.798 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

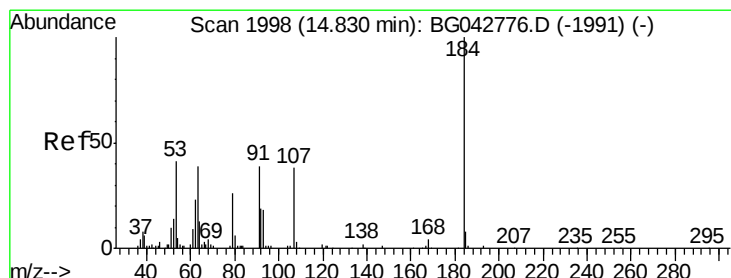
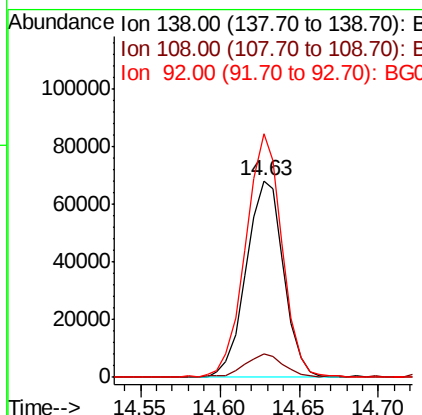
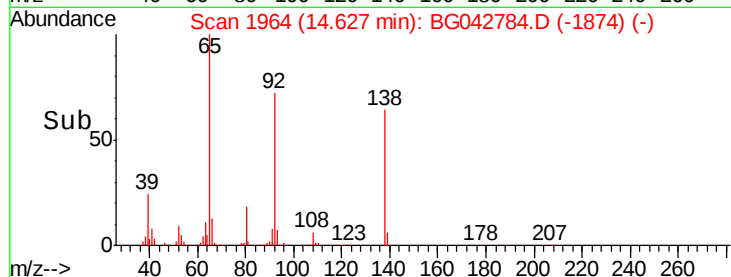
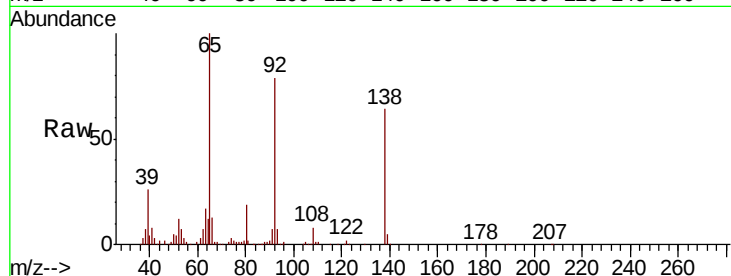
ClientSampleId :

PB122965BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	10.7	16.1
92	123.7	100.5	150.7

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#54

2,4-Dinitrophenol

Concen: 97.435 ng

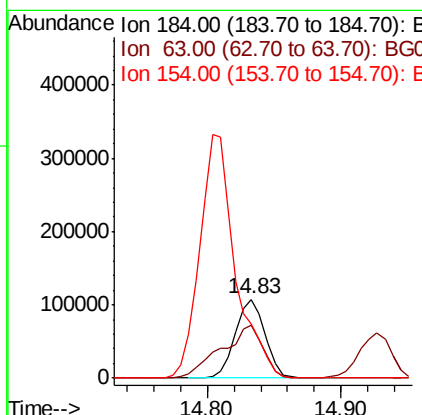
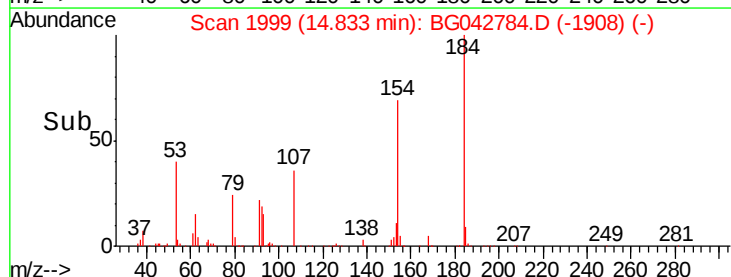
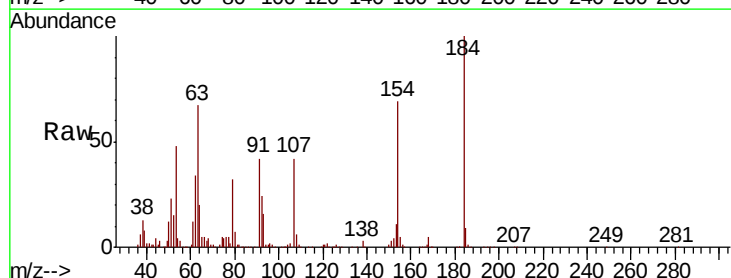
RT: 14.83 min Scan# 1999

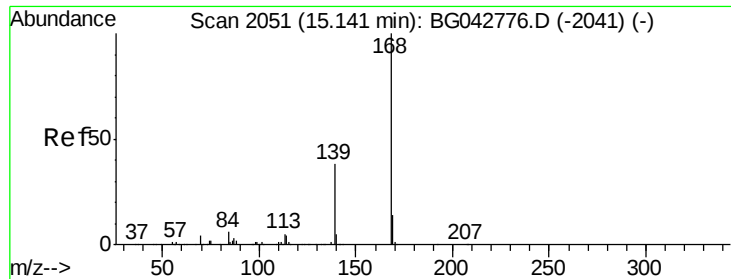
Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.0	46.2	69.4
154	69.5	81.3	121.9#





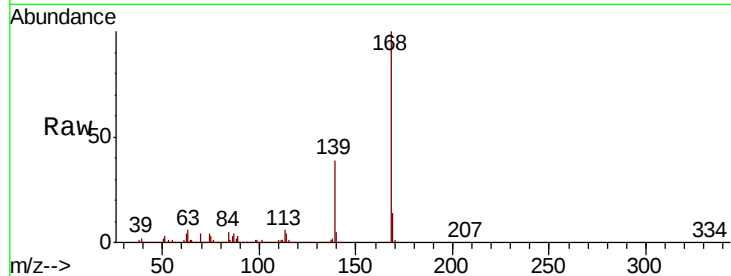
#55
Dibenzenofuran
Concen: 44.583 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB122965BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	860198		
139	39.2		30.2	45.4
169	14.4		11.2	16.8

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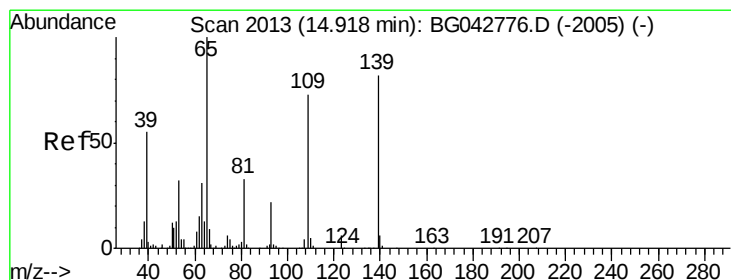
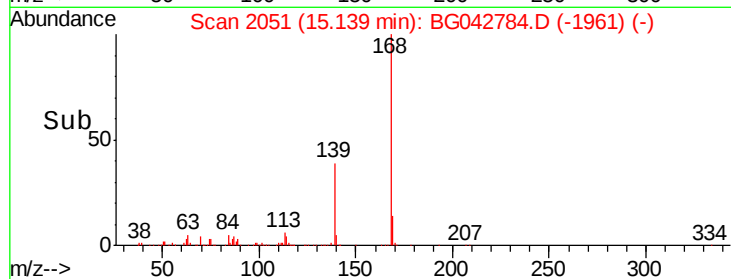
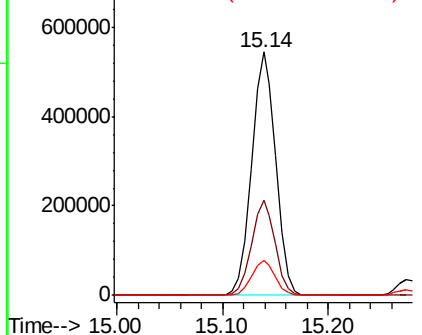


Abundance

Ion 168.00 (167.70 to 168.70): E

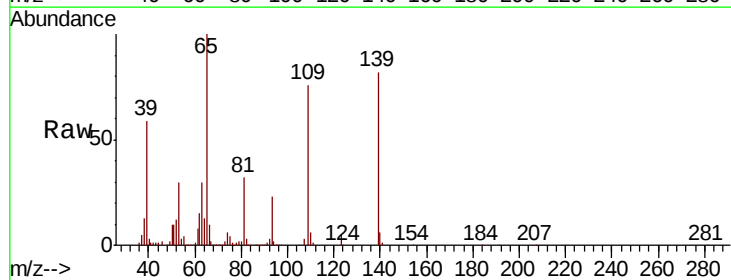
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 94.416 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	282754		
109	91.8		69.4	109.4
65	121.5		102.5	142.5

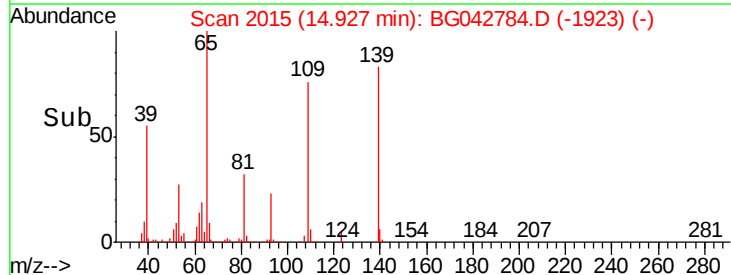
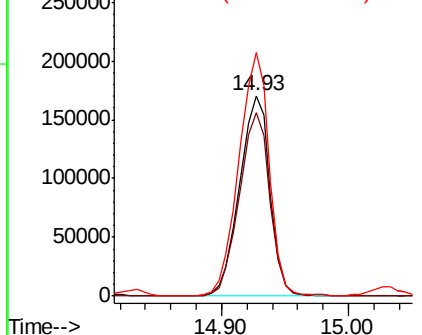


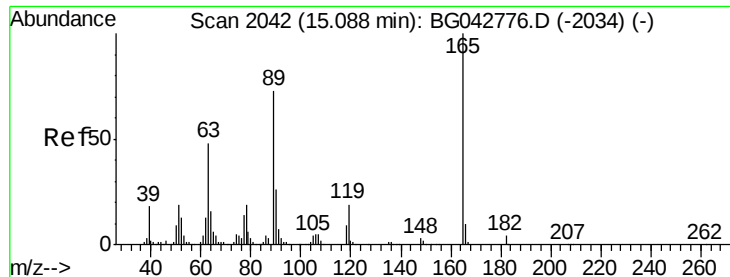
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





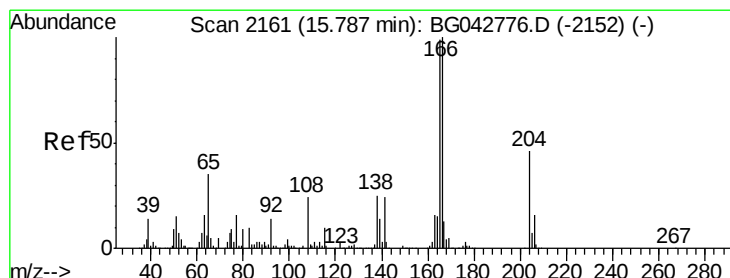
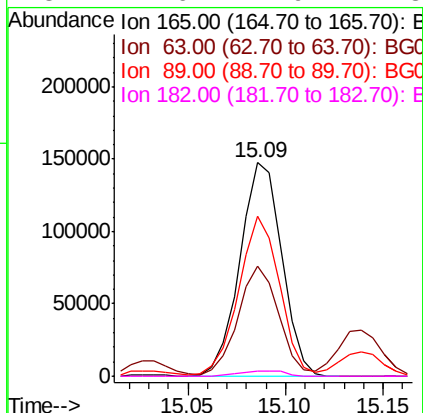
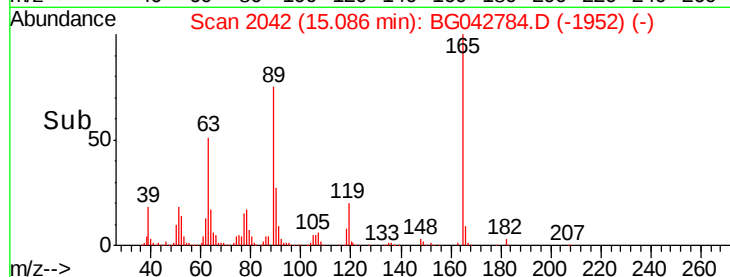
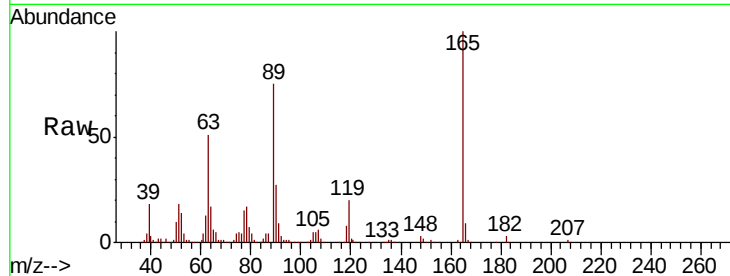
#57
2,4-Dinitrotoluene
Concen: 47.667 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB122965BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	219270		
63	51.3	38.3	57.5	
89	74.7	58.4	87.6	
182	2.6	2.9	4.3	

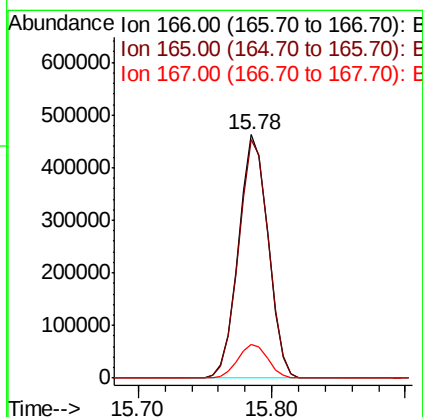
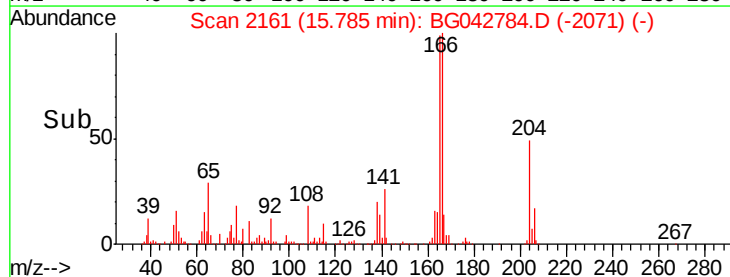
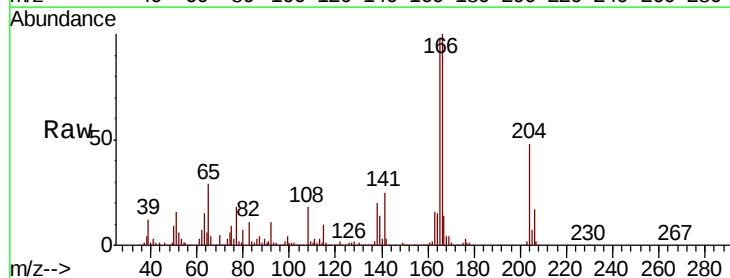
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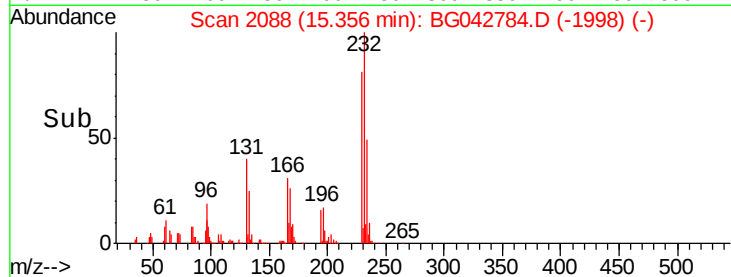
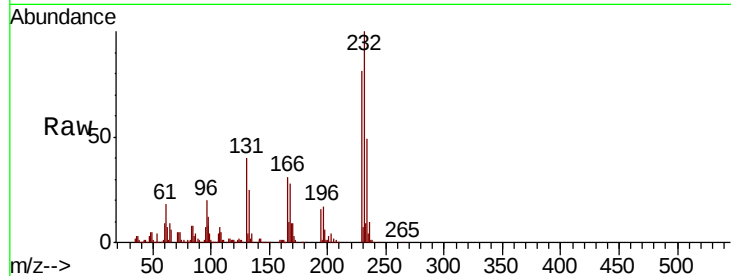
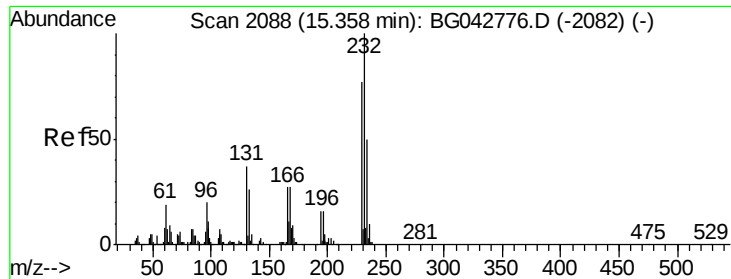
mohammad
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#58
Fluorene
Concen: 44.211 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	706952		
165	98.1	79.1	118.7	
167	14.0	10.7	16.1	





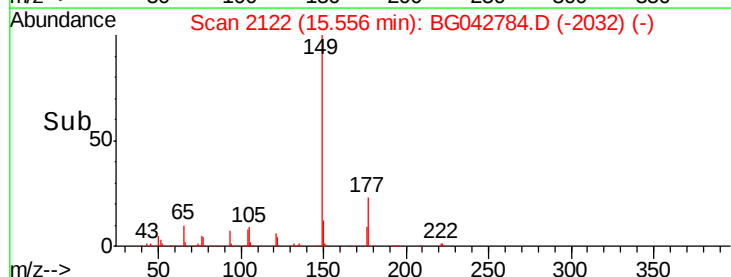
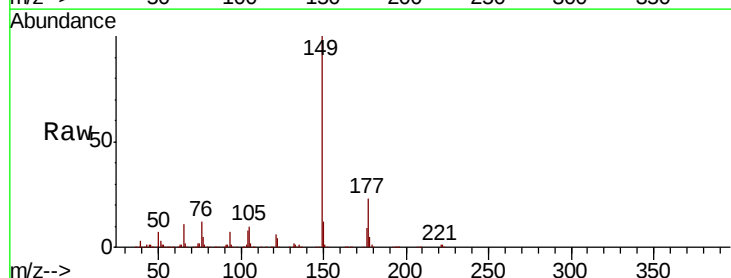
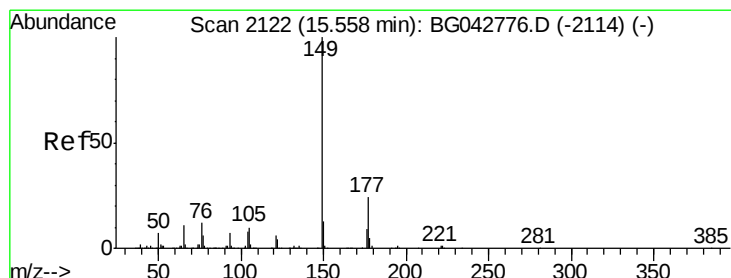
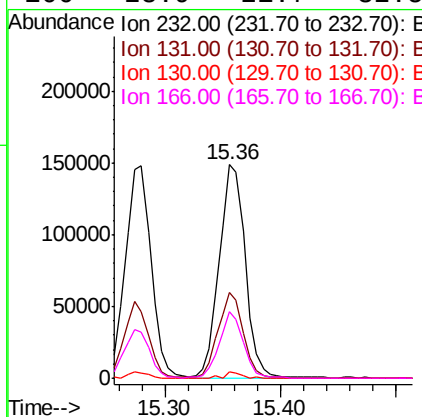
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.329 ng
RT: 15.36 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB122965BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	232117		
131	38.3		31.1	46.7
130	1.9		1.8	2.6
166	28.9		21.7	32.5

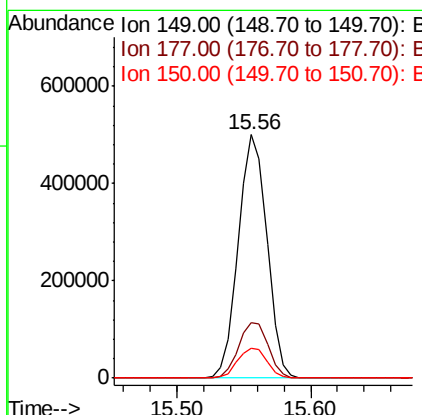
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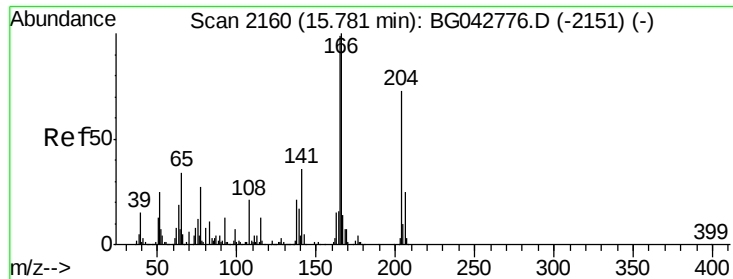
mohammad
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#60
Diethylphthalate
Concen: 43.400 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	740956		
177	23.0		19.4	29.0
150	12.3		10.2	15.4





#61

4-Chlorophenyl-phenylether

Concen: 43.223 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

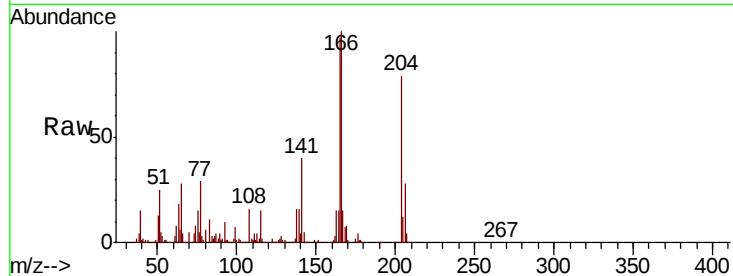
ClientSampleId :

PB122965BS

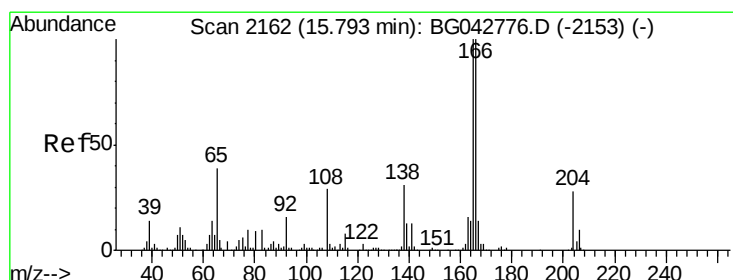
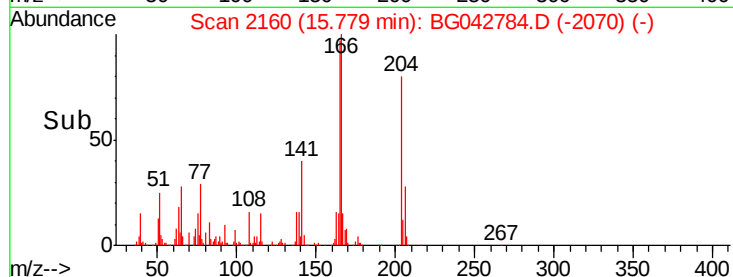
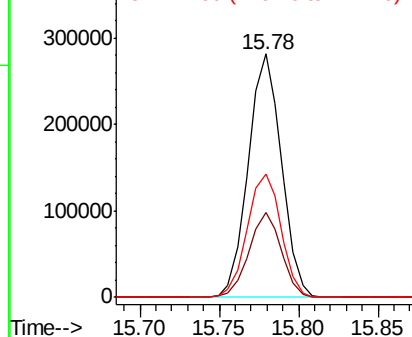
Tot Ion:	204	Resp:	408649
Ion Ratio	Lower	Upper	
204	100		
206	34.8	27.6	41.4
141	50.8	39.8	59.6

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



#62

4-Nitroaniline

Concen: 42.838 ng

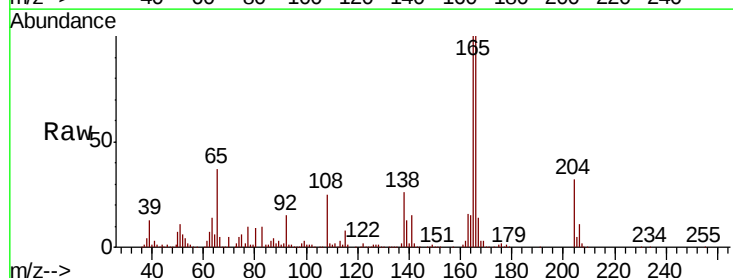
RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

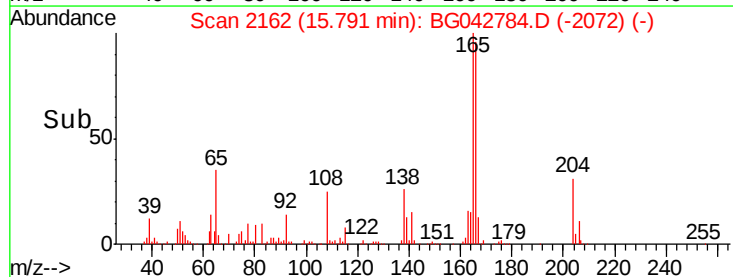
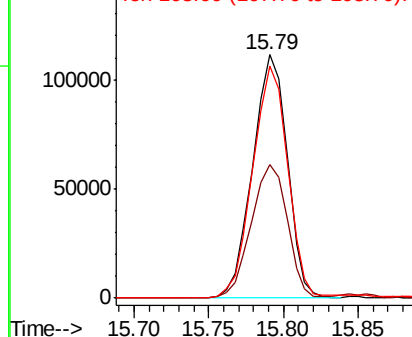
Lab File: BG042784.D

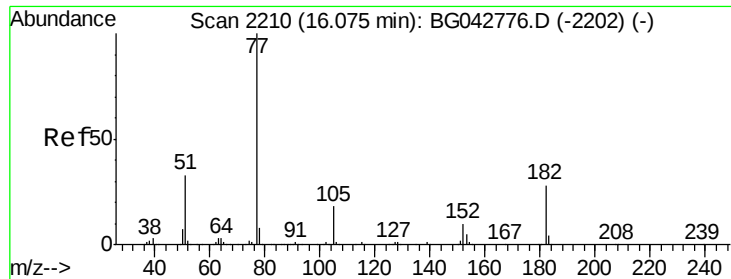
Acq: 12 Sep 2019 16:22

Tgt Ion:	138	Resp:	178850
Ion Ratio	Lower	Upper	
138	100		
92	55.1	31.4	71.4
108	95.2	74.8	114.8



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





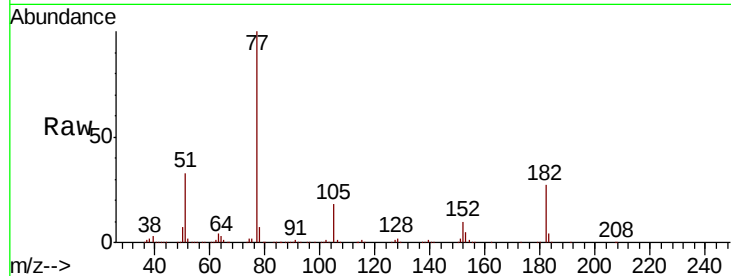
#63
Azobenzene
Concen: 44.851 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB122965BS

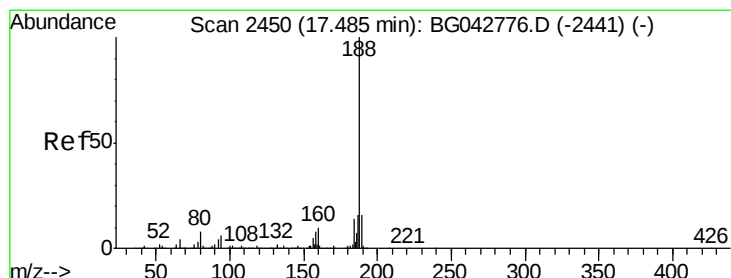
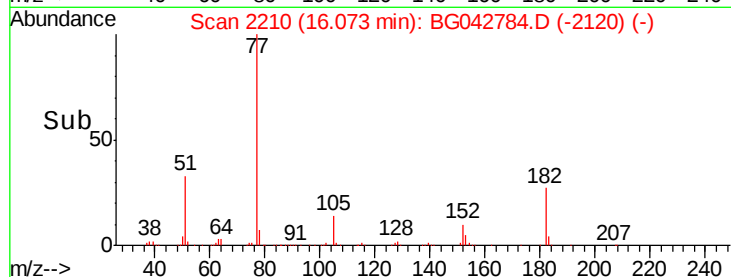
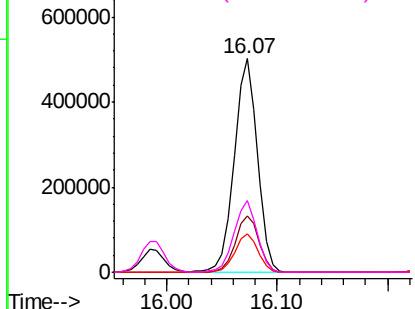
Tot Ion	Ratio	Resp	Lower	Upper
77	100	737376		
182	26.5	8.1	48.1	
105	18.0	0.0	38.1	
51	33.4	12.9	52.9	

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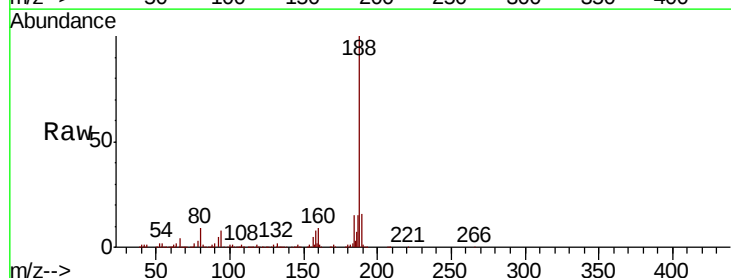


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

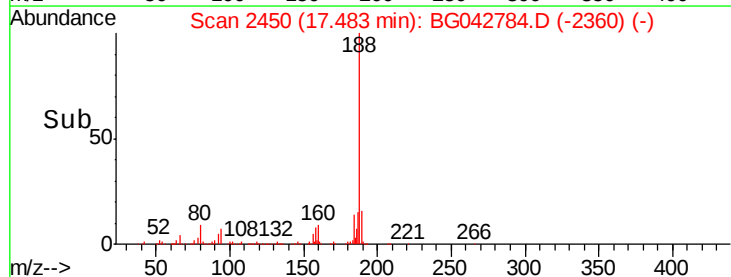
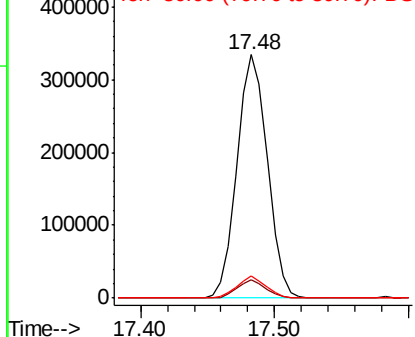


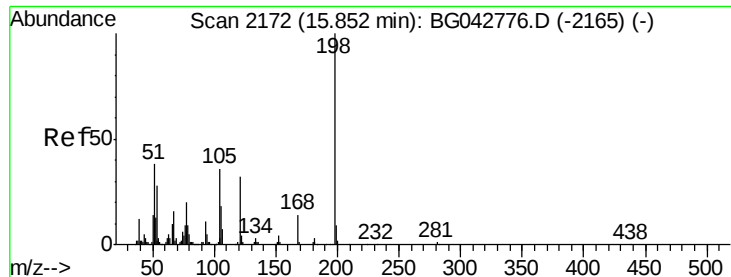
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	524839		
94	7.5	4.8	7.2#	
80	9.3	6.6	9.8	



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





#65

4,6-Dinitro-2-methylphenol

Concen: 51.727 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

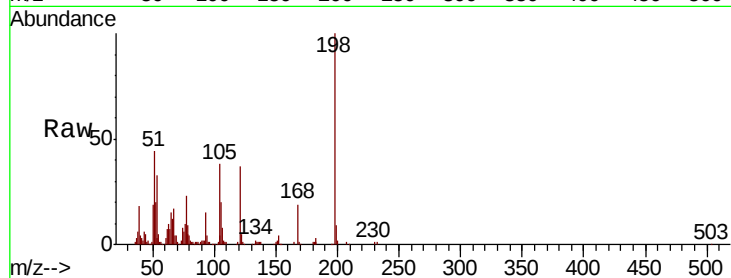
ClientSampleId :

PB122965BS

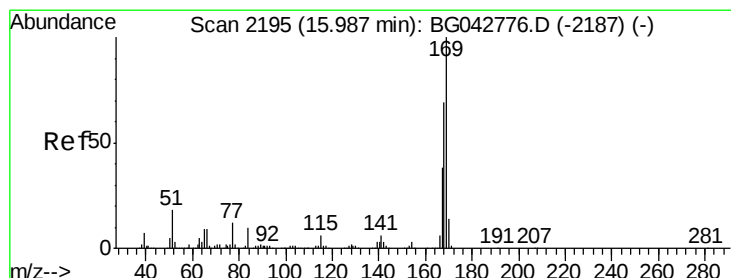
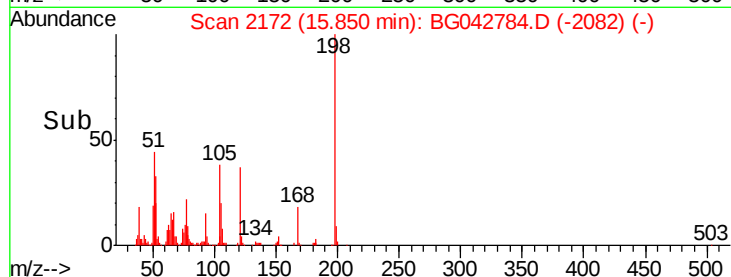
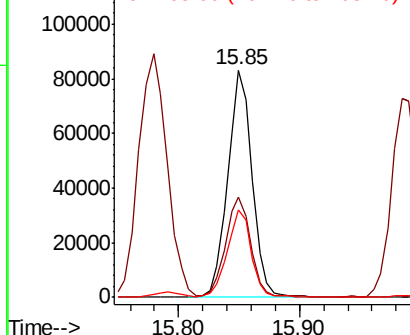
Tot Ion:	198	Resp:	116163
Ion Ratio	Lower	Upper	
198	100		
51	44.2	20.9	60.9
105	38.5	16.4	56.4

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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: 46.001 ng

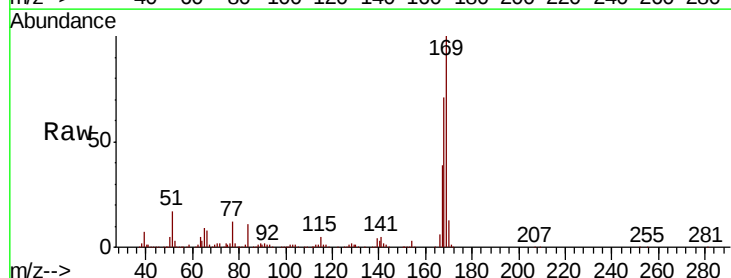
RT: 15.99 min Scan# 2196

Delta R.T. 0.00 min

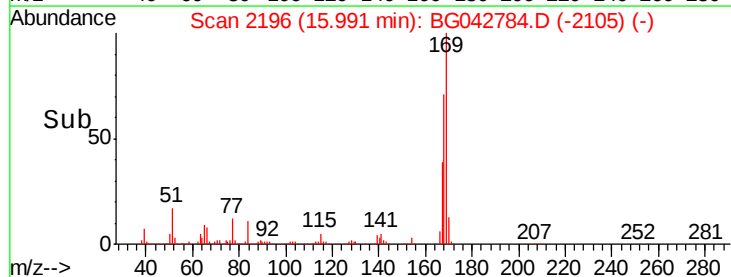
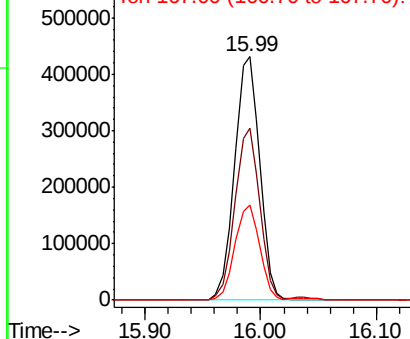
Lab File: BG042784.D

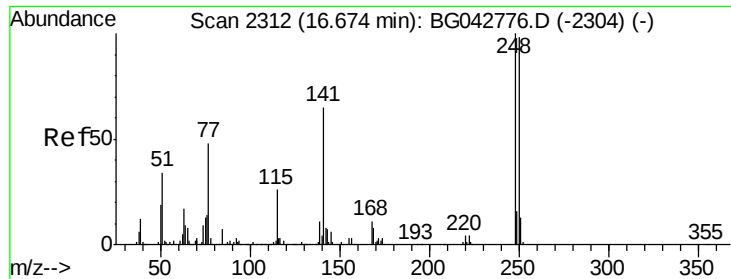
Acq: 12 Sep 2019 16:22

Tgt Ion:	169	Resp:	649676
Ion Ratio	Lower	Upper	
169	100		
168	70.8	55.4	83.2
167	39.1	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





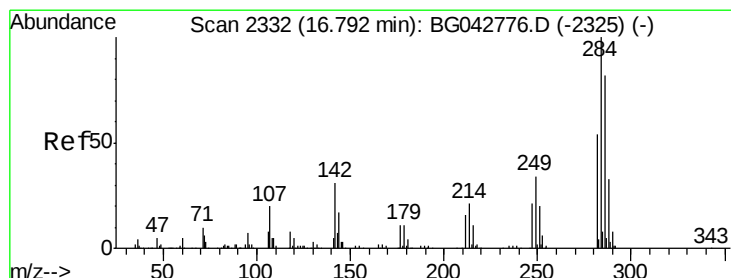
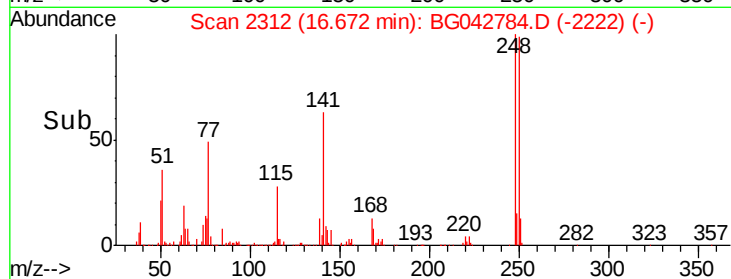
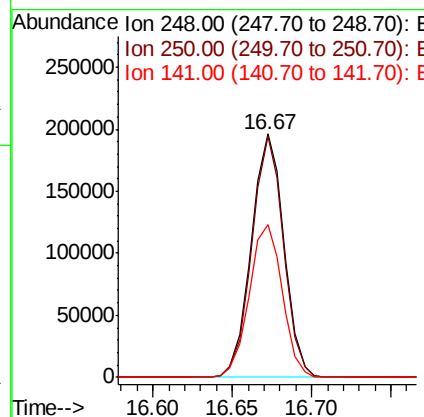
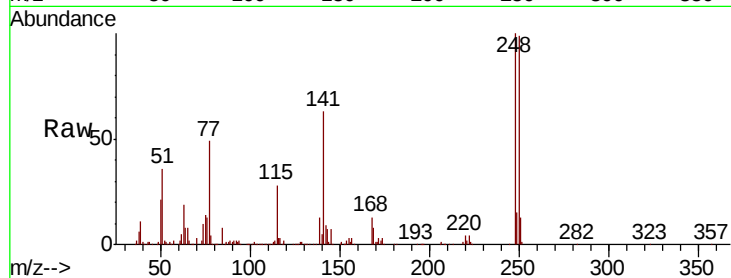
#67
4-Bromophenyl-phenylether
Concen: 44.014 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampled :
PB122965BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.0	117.0
141	62.6	51.8	77.6

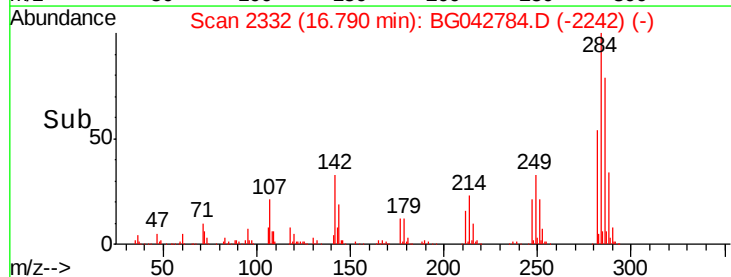
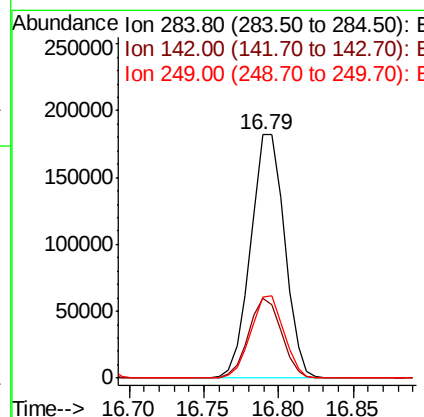
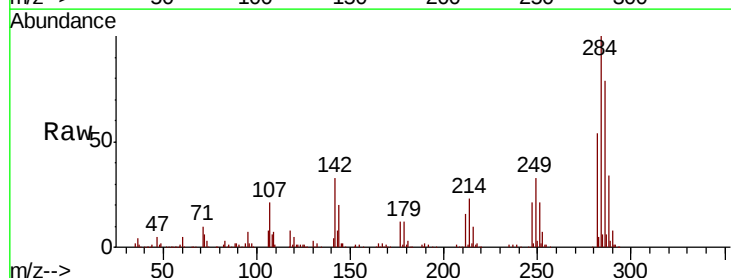
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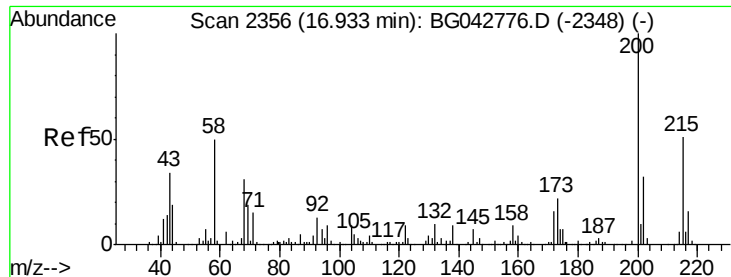
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#68
Hexachlorobenzene
Concen: 42.051 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	24.7	37.1
249	33.2	27.0	40.4





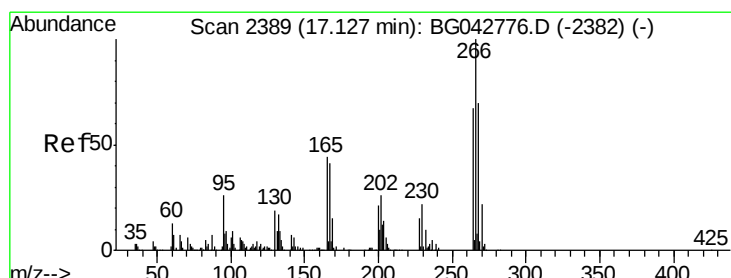
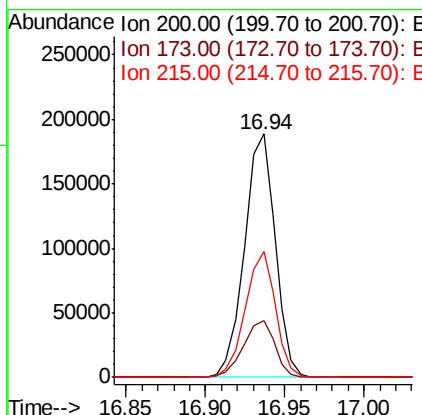
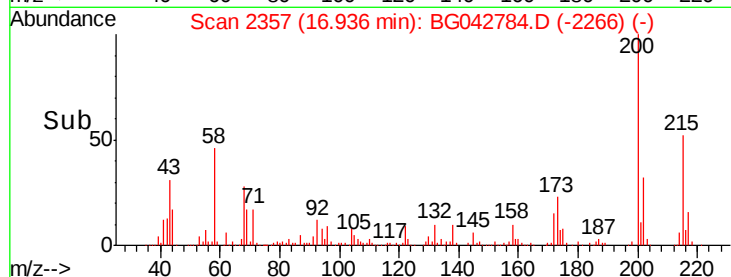
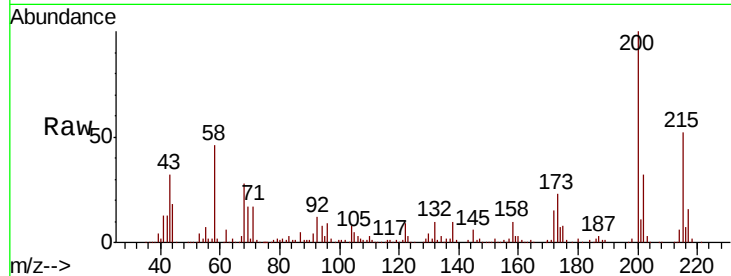
#69
Atrazine
Concen: 51.601 ng
RT: 16.94 min Scan# 2357
Delta R.T. 0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB122965BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.2	2.5	42.5
215	51.6	31.0	71.0

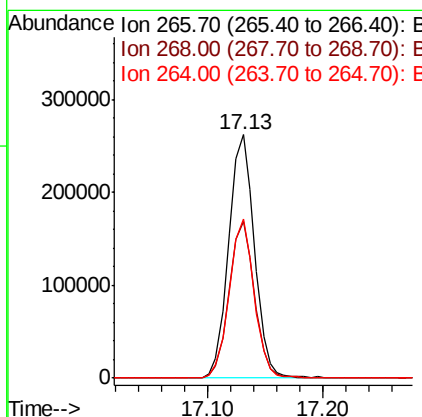
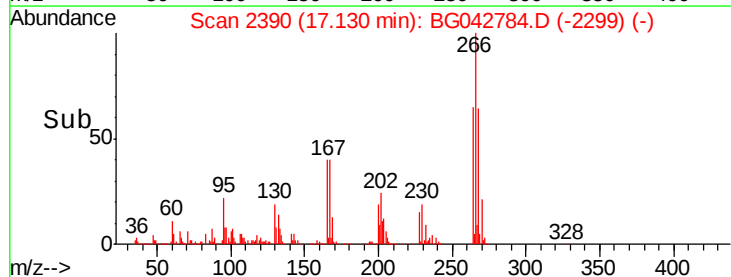
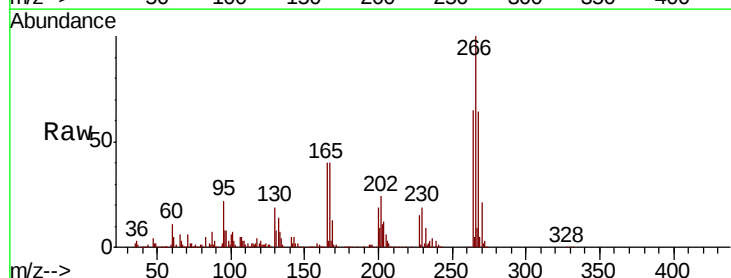
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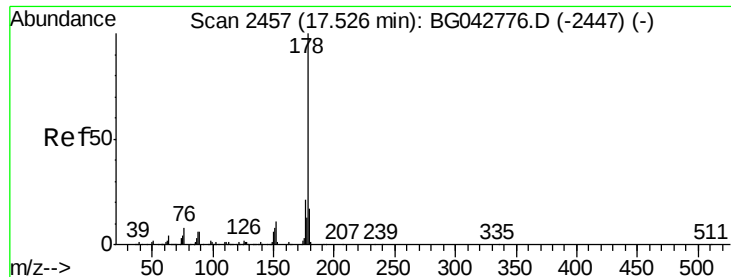
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#70
Pentachlorophenol
Concen: 100.575 ng
RT: 17.13 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.4	56.2	84.4
264	65.5	53.4	80.2





#71

Phenanthrene

Concen: 45.331 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

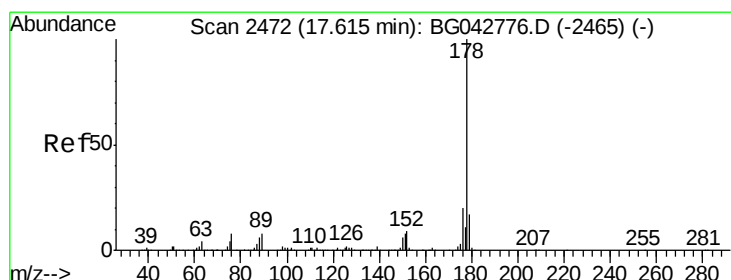
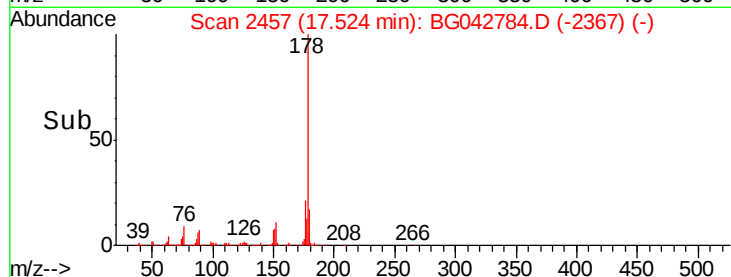
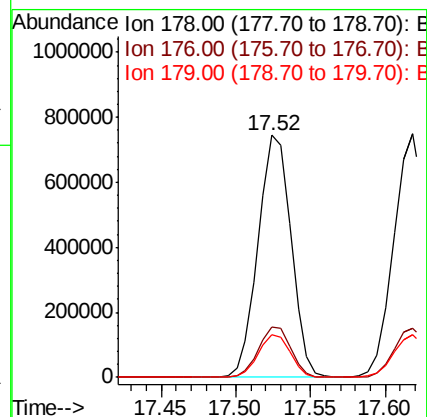
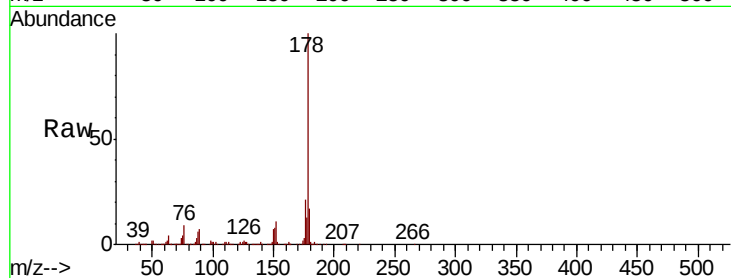
ClientSampleId :

PB122965BS

Tot Ion:178	Resp: 1137811
Ion Ratio	Lower Upper
178 100	
176 20.8	17.0 25.4
179 17.4	13.6 20.4

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#72

Anthracene

Concen: 46.356 ng

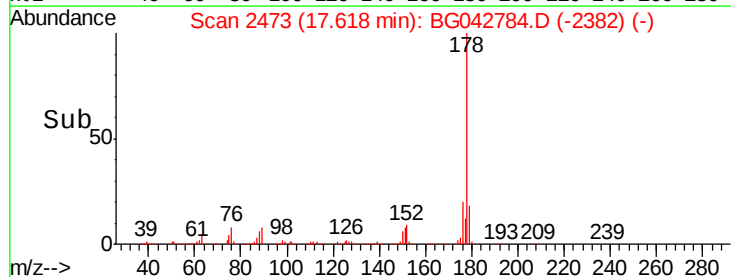
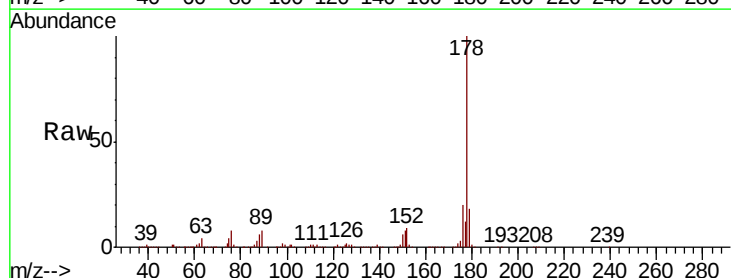
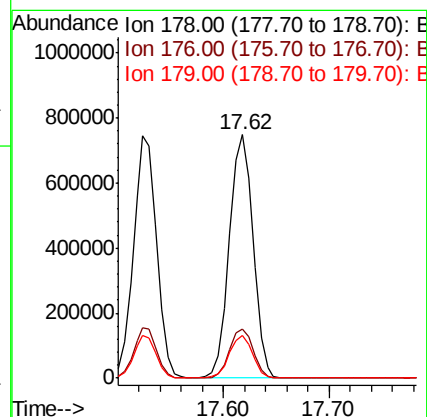
RT: 17.62 min Scan# 2473

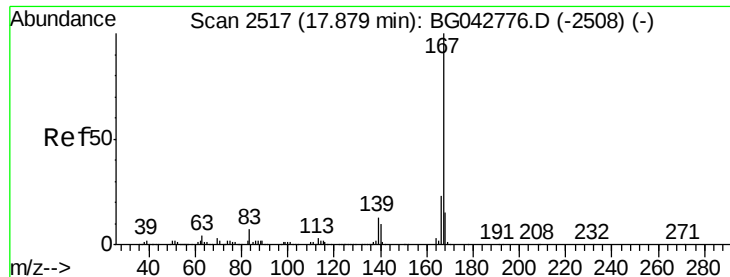
Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Tgt Ion	178	Resp: Lower	1162429 Upper
	Ratio		
178	100		
176	20.2	16.2	24.4
179	17.7	13.6	20.4





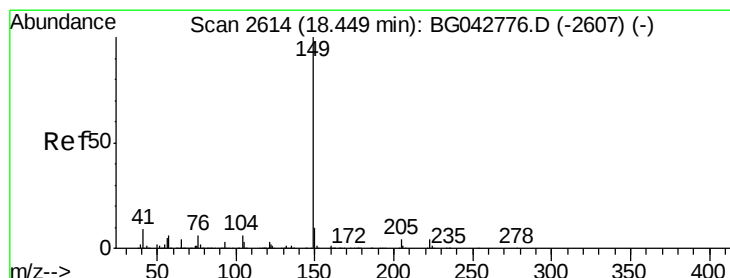
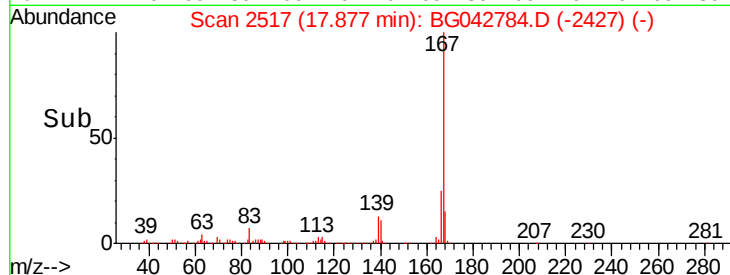
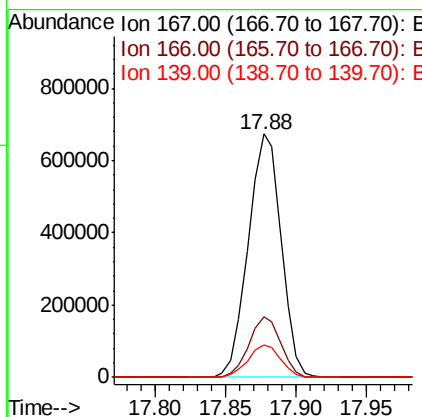
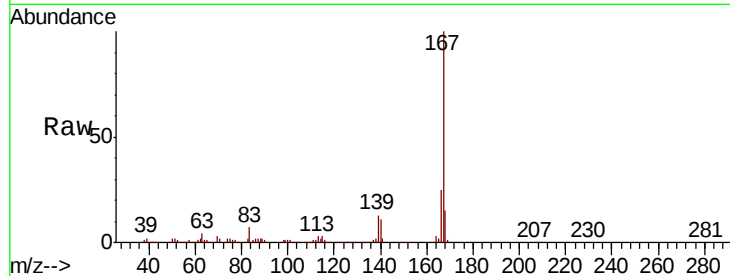
#73
 Carbazole
 Concen: 46.299 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Instrument :
 BNA_G
 ClientSampleId :
 PB122965BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.8	18.3	27.5
139	13.4	10.2	15.4

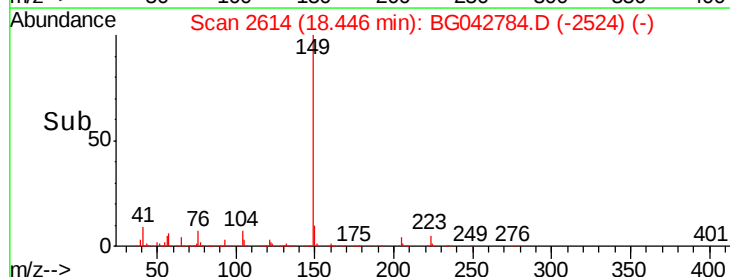
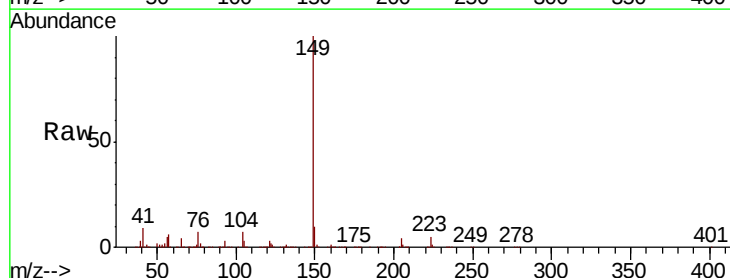
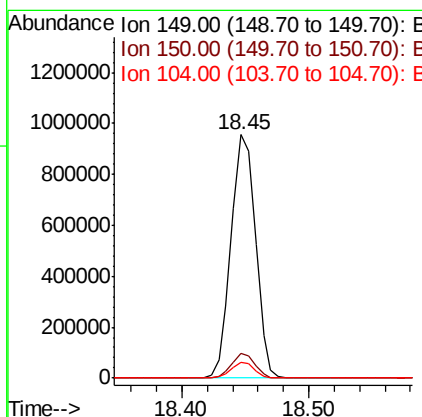
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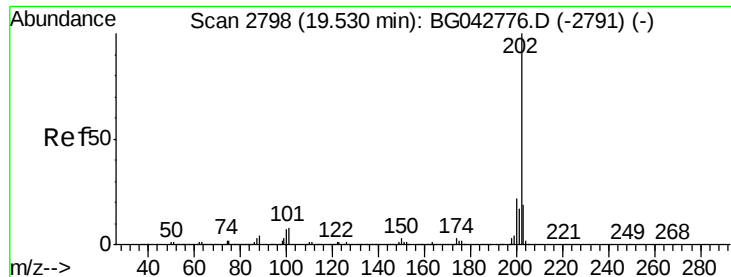
mohammad
 9/16/2019 9:03:27 AM



#74
 Di-n-butylphthalate
 Concen: 44.764 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

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





#75

Fluoranthene

Concen: 46.704 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

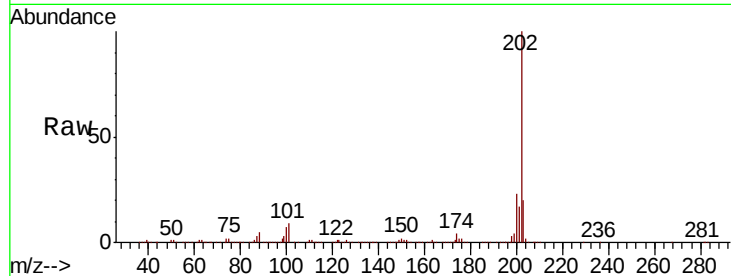
ClientSampleId :

PB122965BS

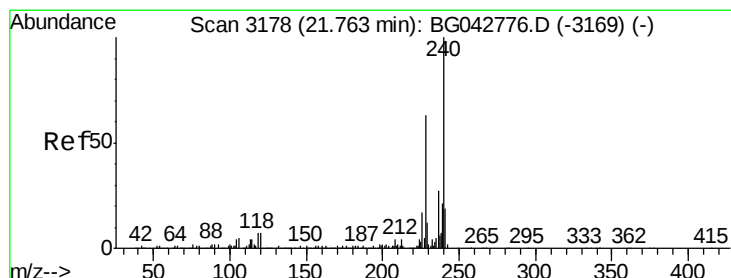
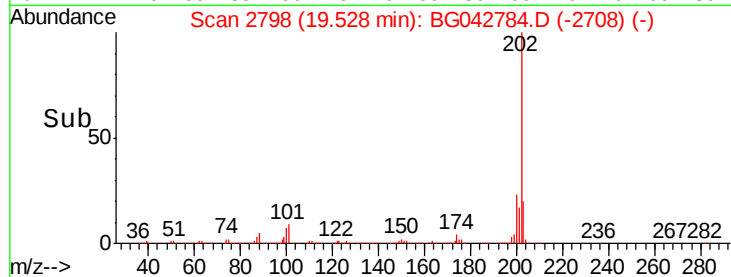
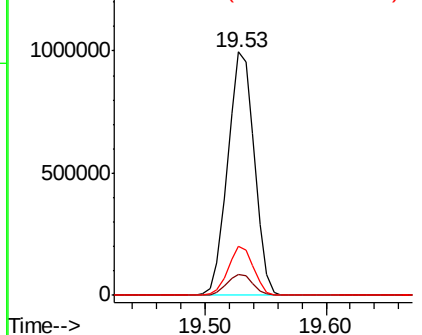
Tot Ion:	202	Resp:	1519270
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	27.8
203	20.0	0.0	39.1

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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

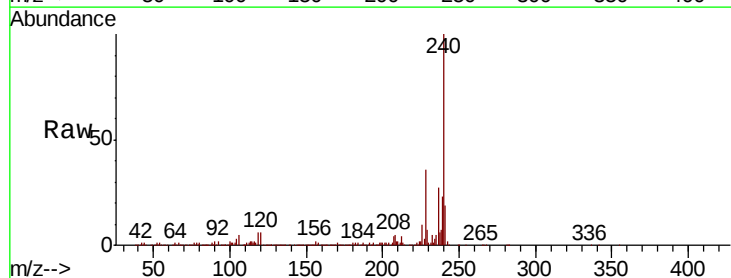
RT: 21.77 min Scan# 3179

Delta R.T. 0.00 min

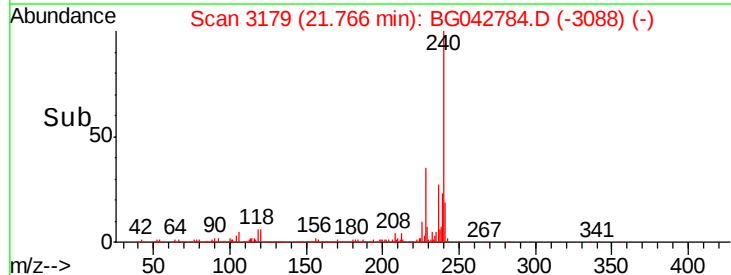
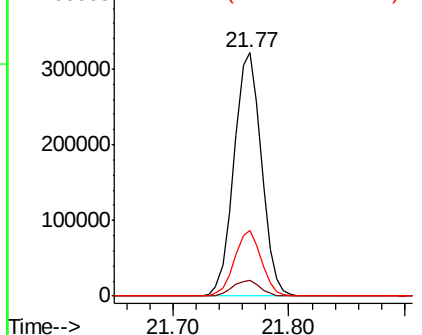
Lab File: BG042784.D

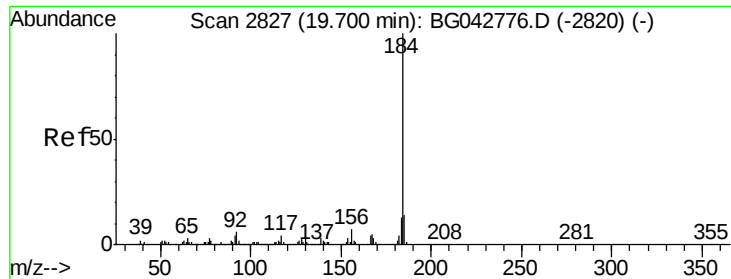
Acq: 12 Sep 2019 16:22

Tgt Ion:	240	Resp:	528574
Ion Ratio	Lower	Upper	
240	100		
120	6.3	5.4	8.2
236	27.0	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: 37.606 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

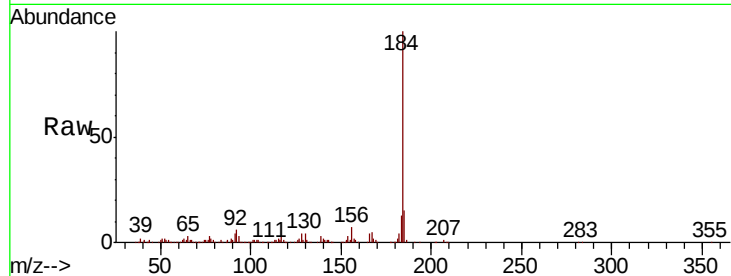
ClientSampleId :

PB122965BS

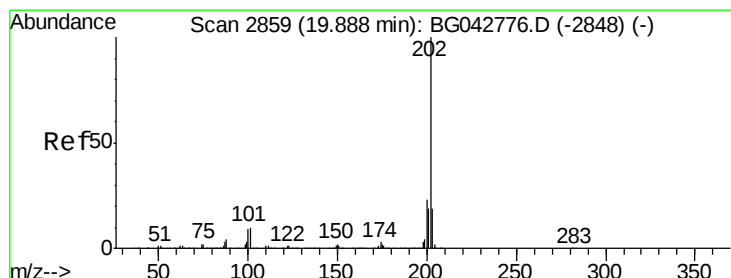
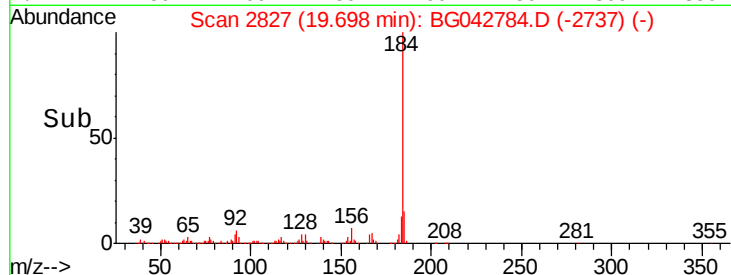
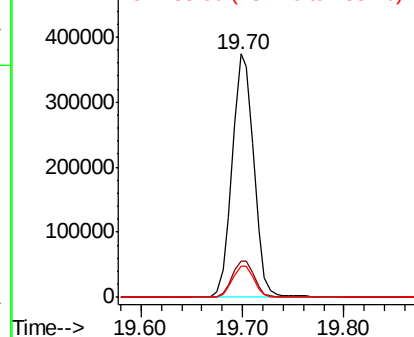
Tot Ion:	184	Resp:	555359
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.6	17.4
183	12.7	10.4	15.6

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



#78

Pyrene

Concen: 45.801 ng

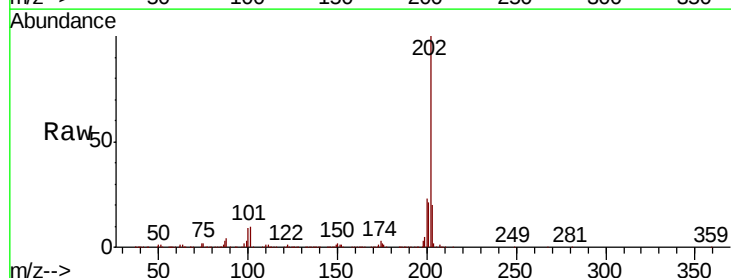
RT: 19.89 min Scan# 2860

Delta R.T. 0.00 min

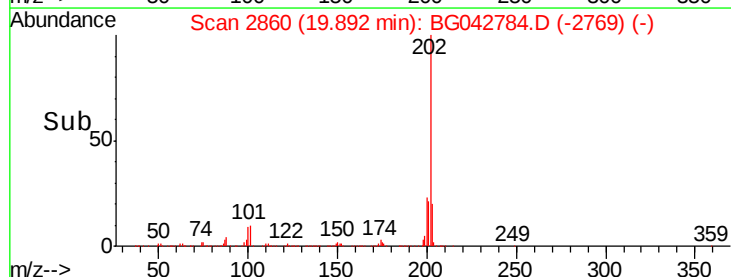
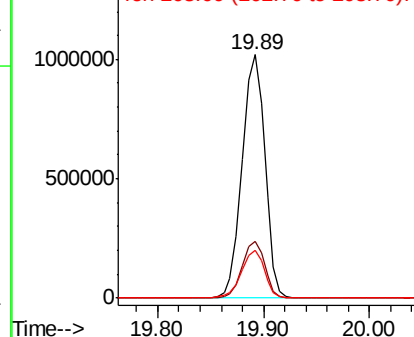
Lab File: BG042784.D

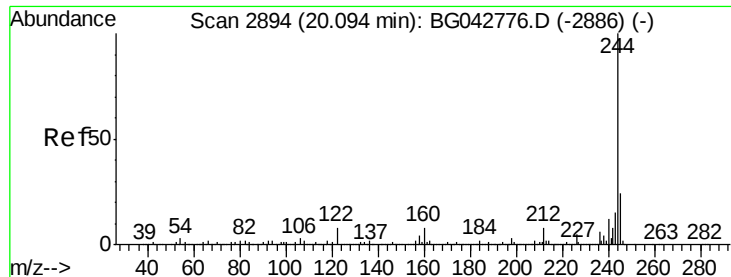
Acq: 12 Sep 2019 16:22

Tgt Ion:	202	Resp:	1515642
Ion Ratio	Lower	Upper	
202	100		
200	23.2	18.5	27.7
203	19.6	15.3	22.9



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





#79

Terphenyl-d14

Concen: 98.290 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB122965BS

Tot Ion:244 Resp: 2344185

Ion Ratio Lower Upper

244 100

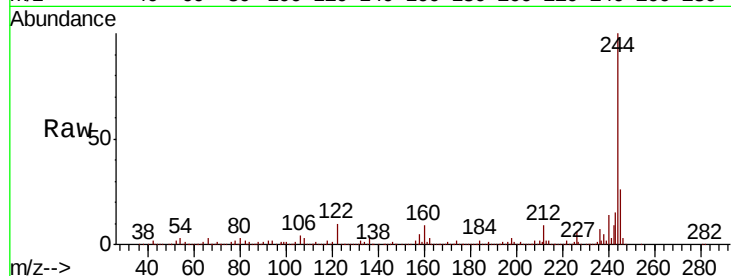
212 9.4 6.6 10.0

122 9.5 6.2 9.4#

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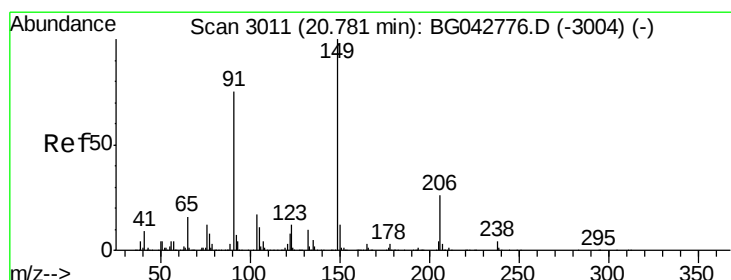
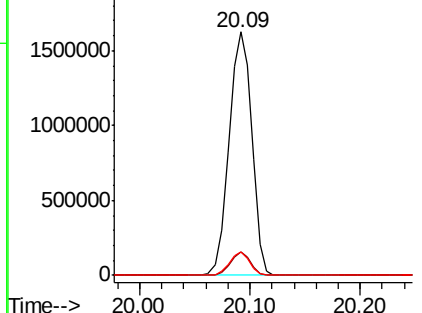
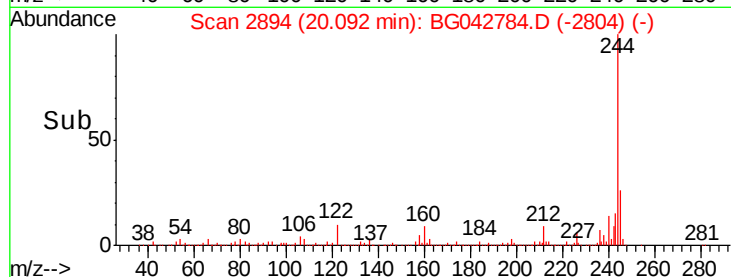
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.060 ng

RT: 20.78 min Scan# 3012

Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

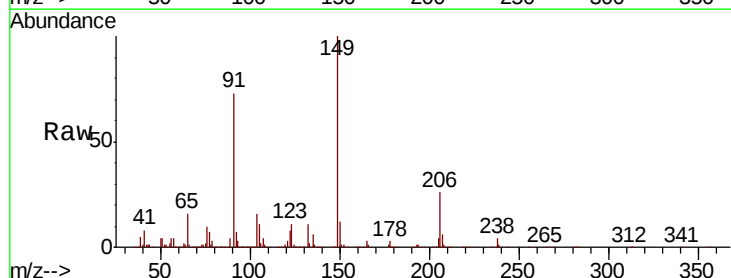
Tgt Ion:149 Resp: 590079

Ion Ratio Lower Upper

149 100

91 73.4 60.2 90.2

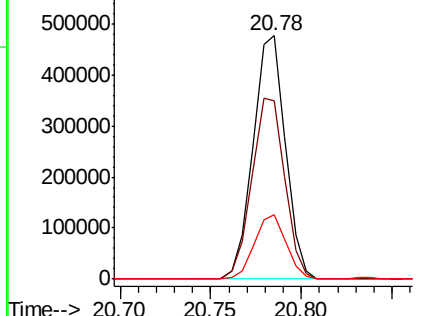
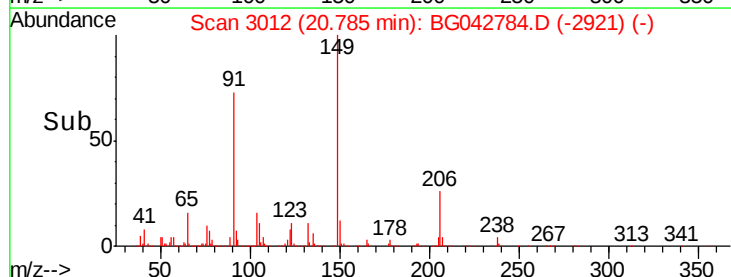
206 26.3 20.6 30.8

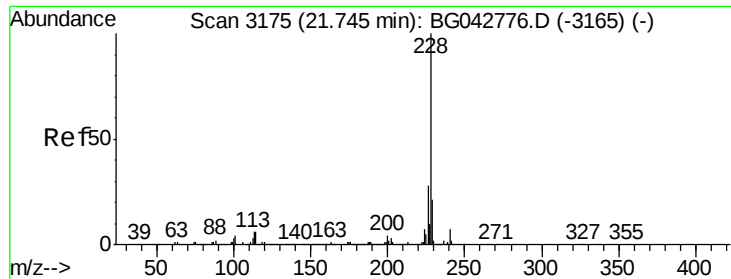


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





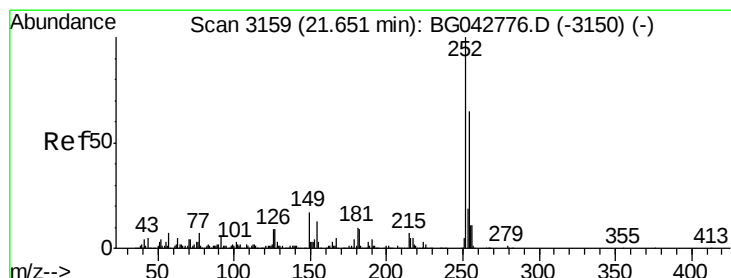
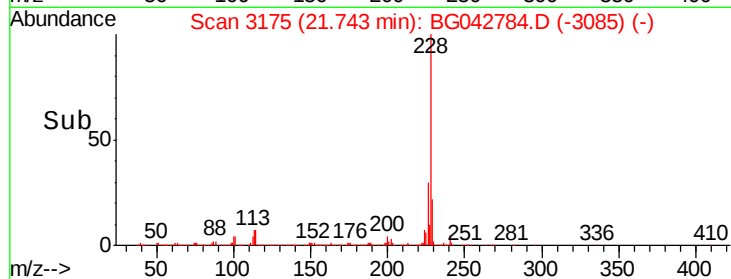
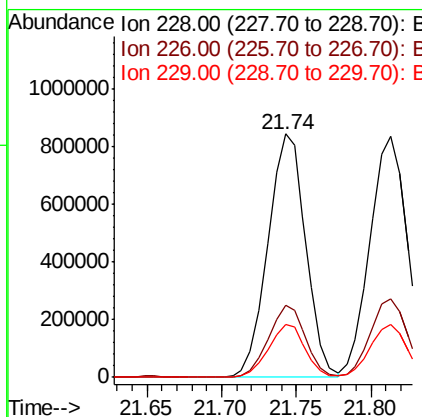
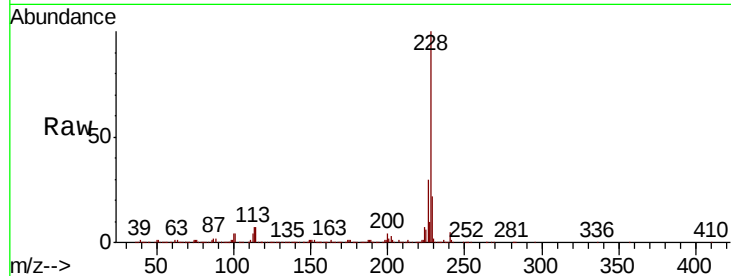
#81
Benzo(a)anthracene
Concen: 44.228 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB122965BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.5	33.7
229	21.8	17.2	25.8

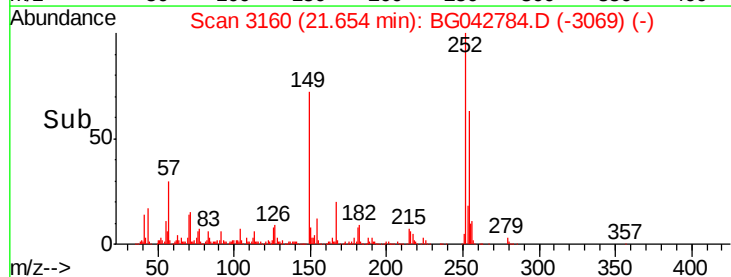
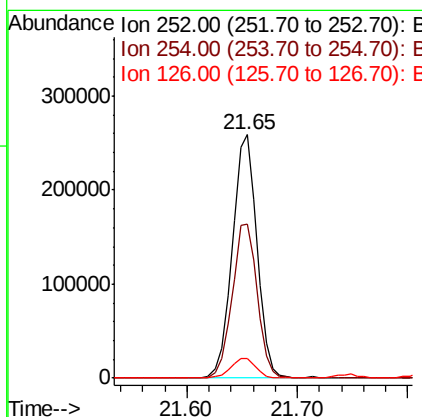
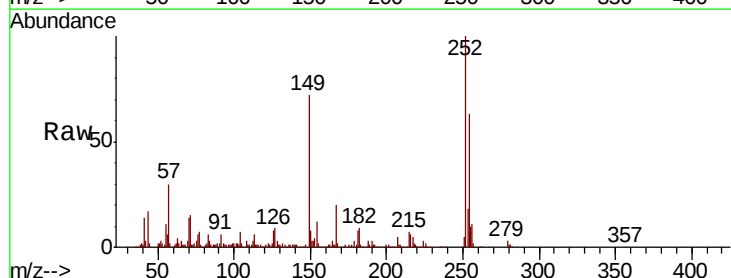
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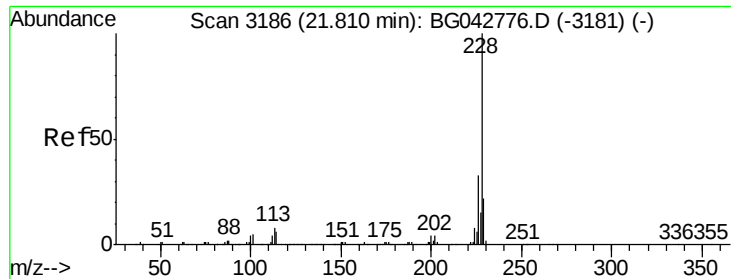
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 31.054 ng
RT: 21.65 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.2	78.2
126	7.8	7.0	10.4





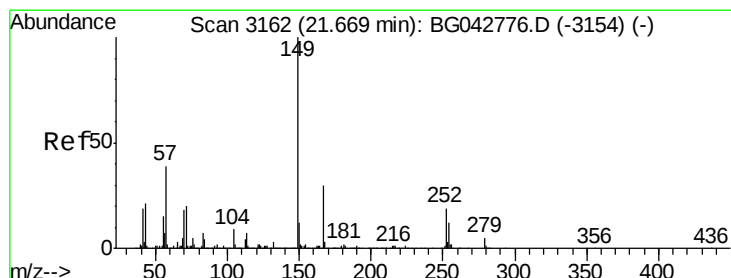
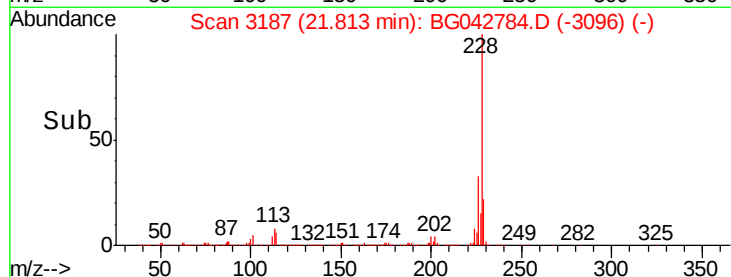
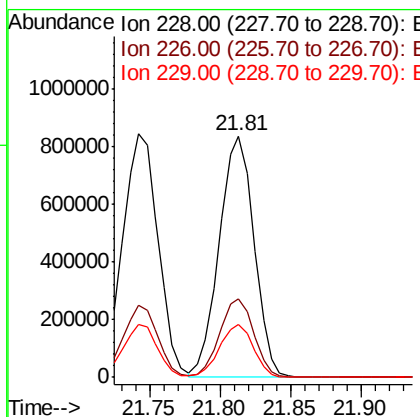
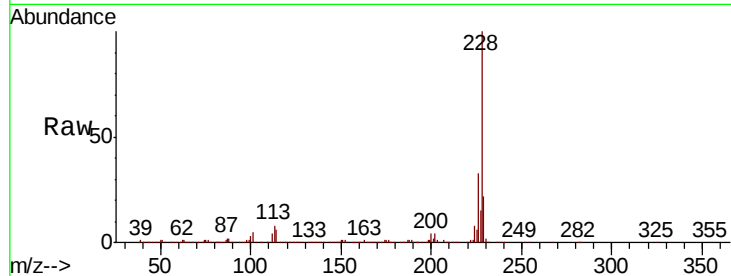
#83
 Chrysene
 Concen: 45.117 ng
 RT: 21.81 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Instrument :
 BNA_G
 ClientSampleID :
 PB122965BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	26.0	39.0
229	22.0	17.1	25.7

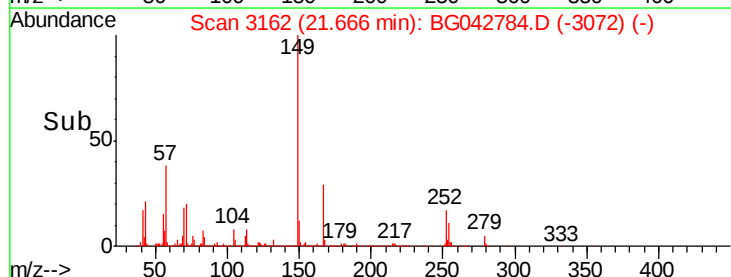
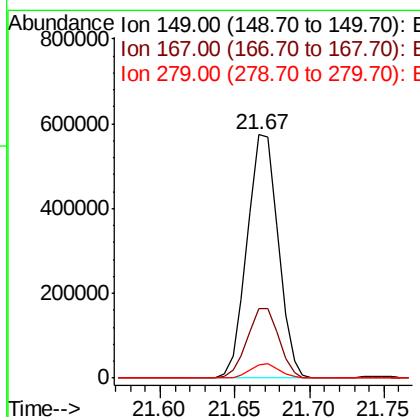
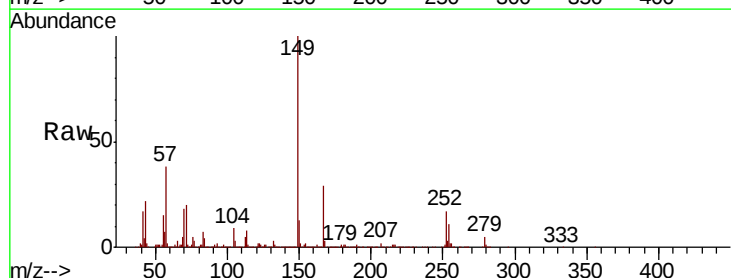
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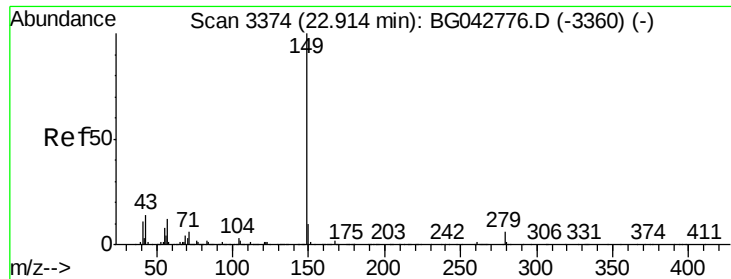
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.187 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.00 min
 Lab File: BG042784.D
 Acq: 12 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	24.3	36.5
279	5.4	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 45.136 ng

RT: 22.91 min Scan# 3374

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

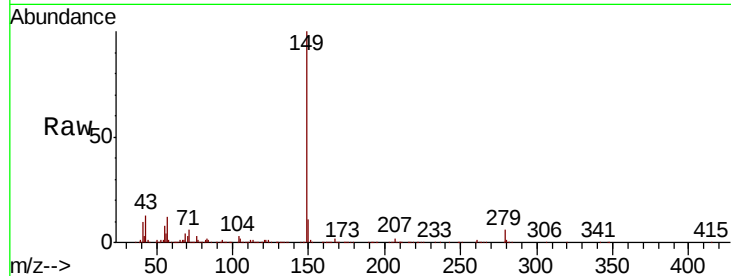
ClientSampleId :

PB122965BS

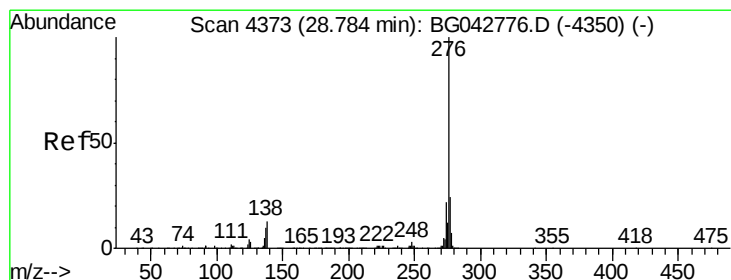
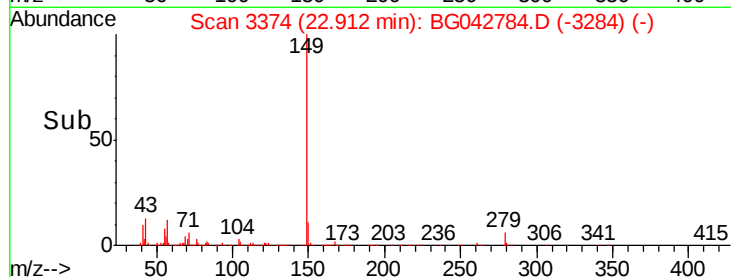
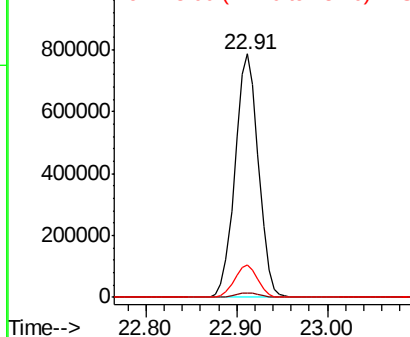
Tot Ion:	149	Resp:	1408051
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	13.1	10.6	15.8

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.500 ng

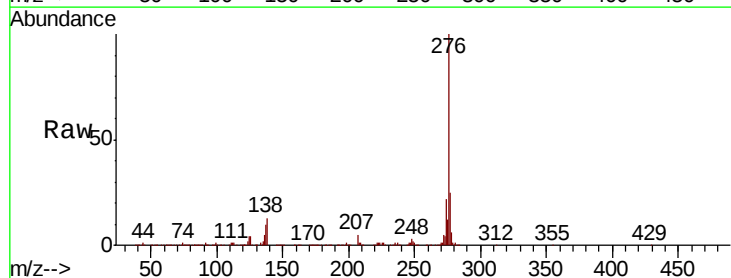
RT: 28.78 min Scan# 4373

Delta R.T. -0.00 min

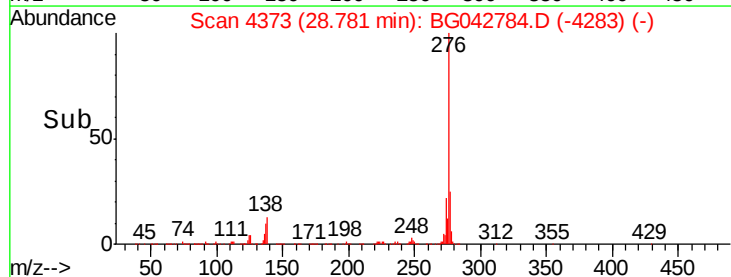
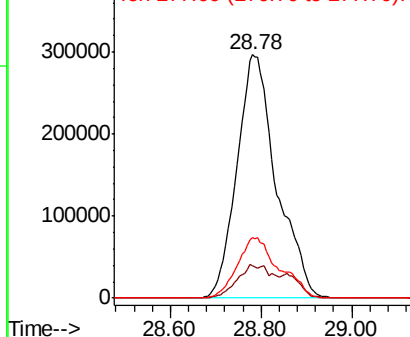
Lab File: BG042784.D

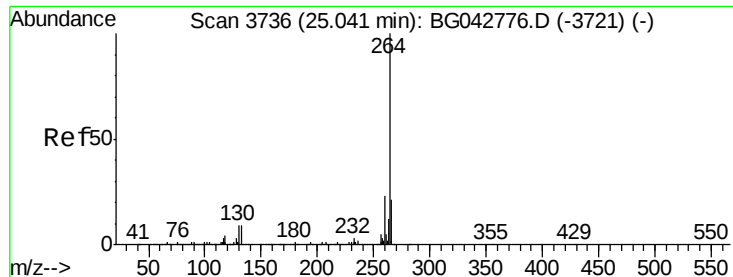
Acq: 12 Sep 2019 16:22

Tgt Ion:	276	Resp:	1793720
Ion	Ratio	Lower	Upper
276	100		
138	12.2	9.3	13.9
277	26.3	17.2	25.8#



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

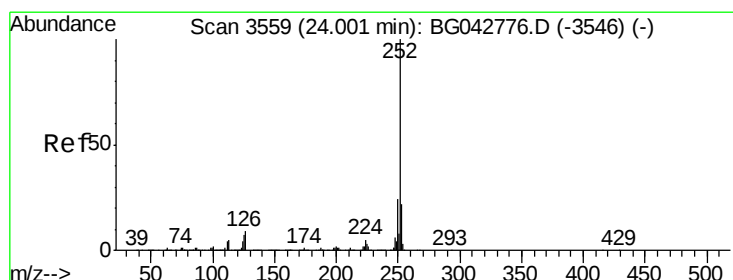
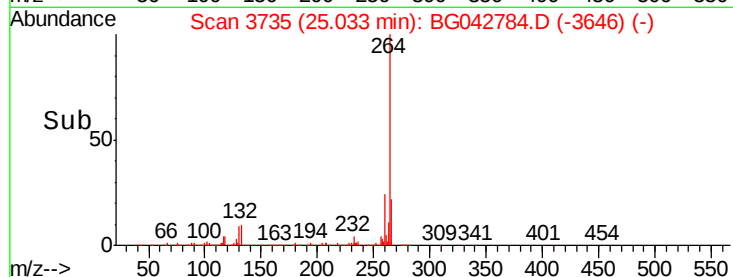
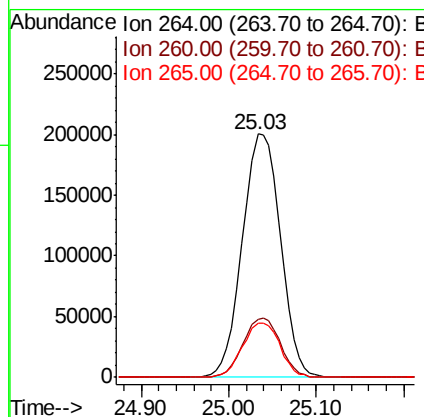
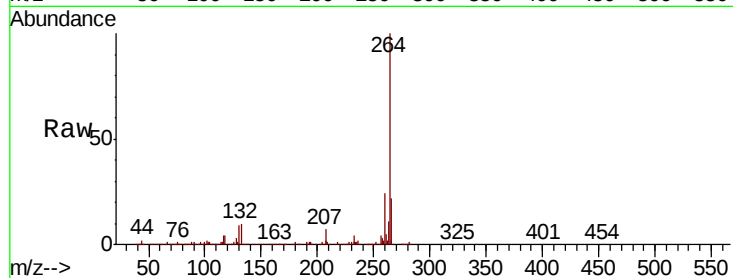
ClientSampleId :

PB122965BS

Tot Ion:	264	Resp:	593455
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.2	27.2
265	22.1	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 45.567 ng

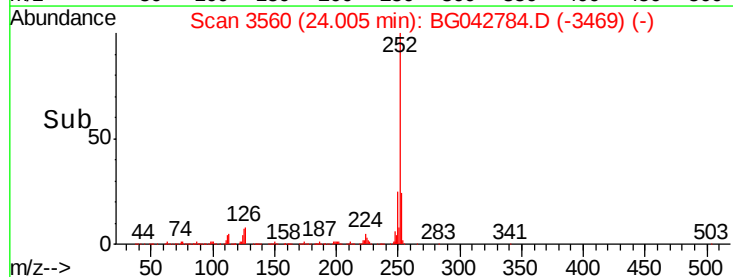
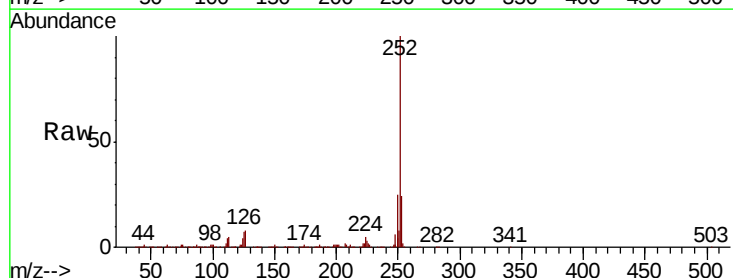
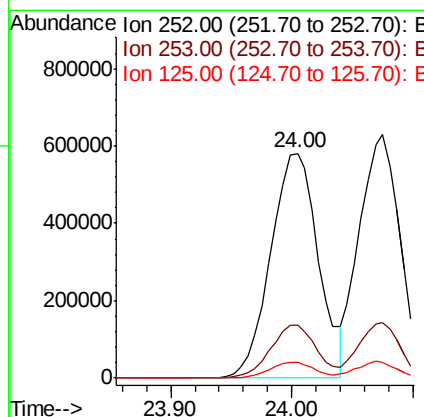
RT: 24.00 min Scan# 3560

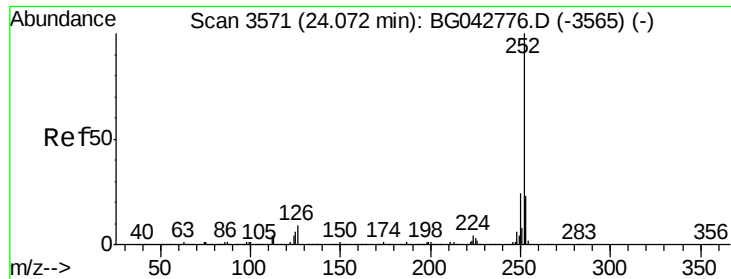
Delta R.T. 0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Tgt Ion:	252	Resp:	1587826
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.9	26.9
125	6.8	5.6	8.4





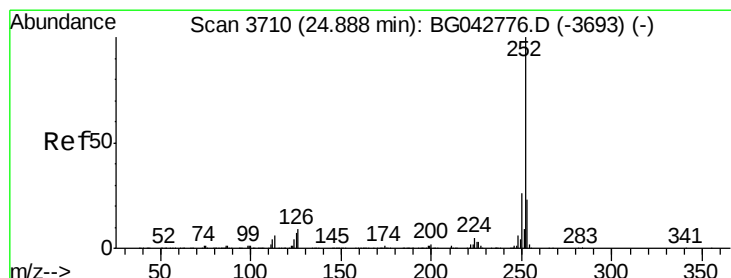
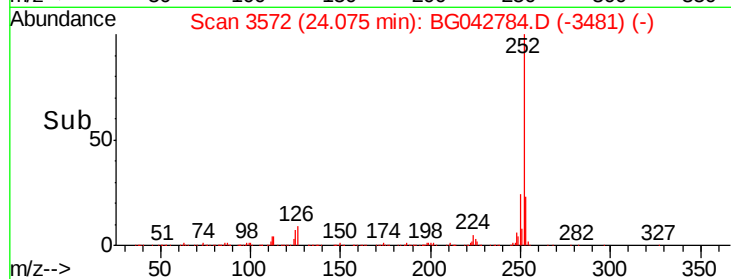
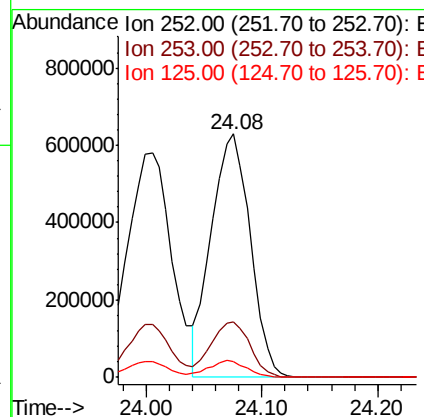
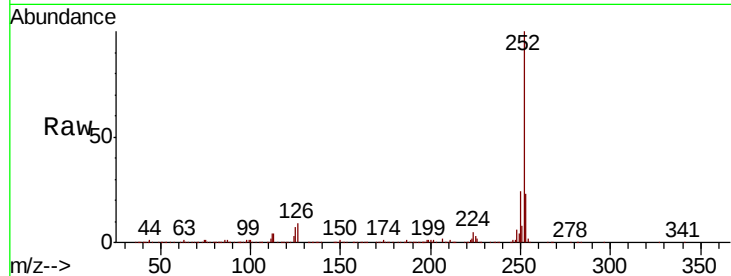
#89
Benzo(k)fluoranthene
Concen: 44.870 ng
RT: 24.08 min Scan# 3572
Delta R.T. 0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :
PB122965BS

Tot Ion:252 Resp: 1476967
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 6.6 5.3 7.9

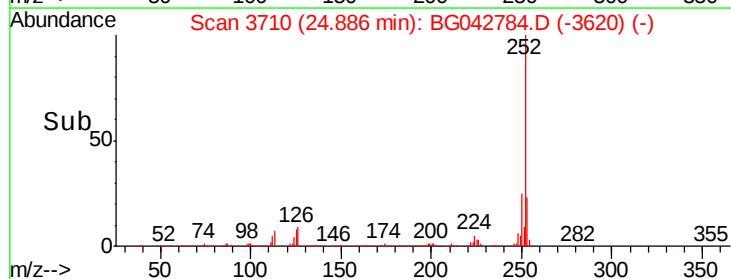
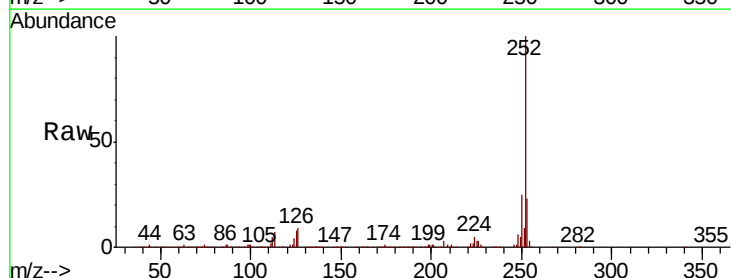
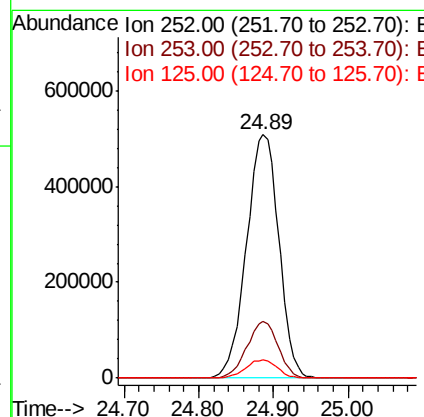
Manual Integrations
APPROVED

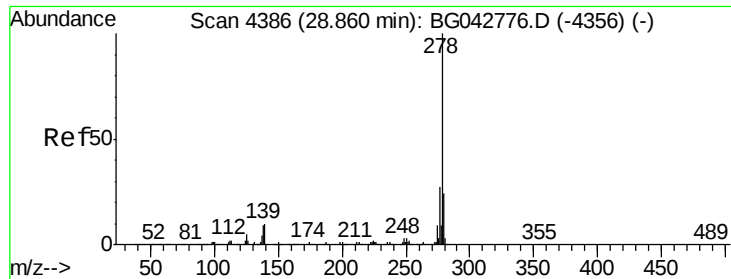
mohammad
9/16/2019 9:03:27 AM



#90
Benzo(a)pyrene
Concen: 46.944 ng
RT: 24.89 min Scan# 3710
Delta R.T. -0.00 min
Lab File: BG042784.D
Acq: 12 Sep 2019 16:22

Tgt Ion:252 Resp: 1531723
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 7.5 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 46.115 ng

RT: 28.86 min Scan# 4386

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

PB122965BS

Tot Ion:278 Resp: 1479910

Ion Ratio Lower Upper

278 100

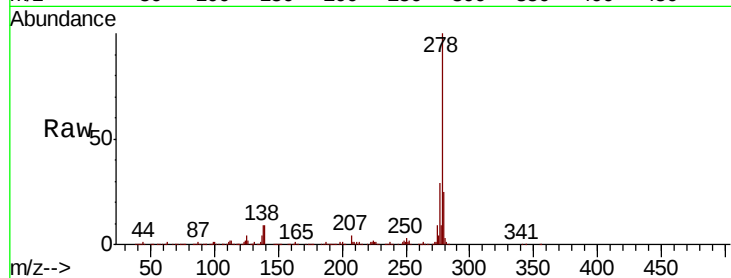
139 9.2 8.2 12.2

279 25.3 19.4 29.2

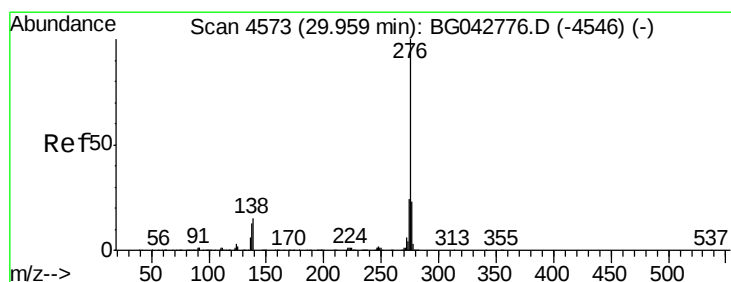
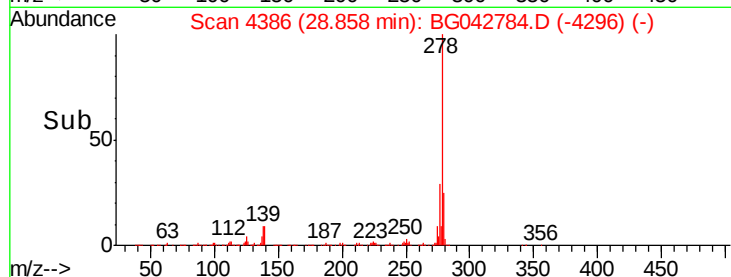
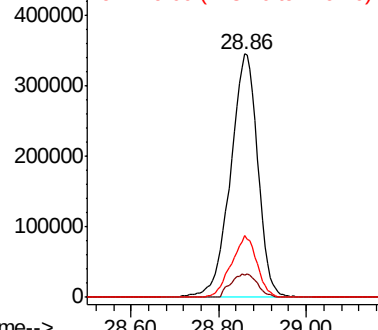
Manual Integrations
APPROVED

mohammad

9/16/2019 9:03:27 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.102 ng

RT: 29.96 min Scan# 4573

Delta R.T. -0.00 min

Lab File: BG042784.D

Acq: 12 Sep 2019 16:22

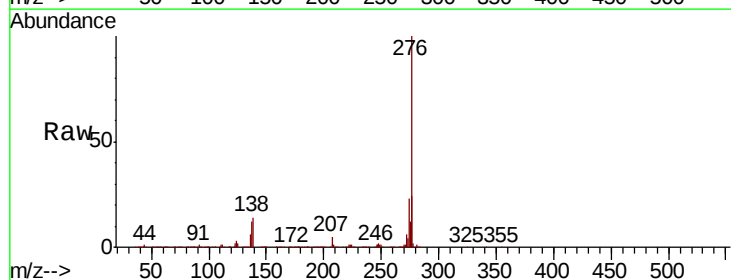
Tgt Ion:276 Resp: 1474420

Ion Ratio Lower Upper

276 100

277 23.7 18.4 27.6

138 13.8 11.8 17.8



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

