

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042951.D
 Acq On : 30 Sep 2019 20:12
 Operator : JU
 Sample : PB123480BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123480BS

Manual Integrations
 APPROVED

mohammad
 10/2/2019 8:33:20 AM

Quant Time: Oct 01 12:42:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	65827	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	258554	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	194952	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	477879	20.00	ng	0.00
76) Chrysene-d12	21.70	240	525532	20.00	ng	-0.01
87) Perylene-d12	24.93	264	546907	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	435734	118.13	ng	0.00
7) Phenol-d6	7.24	99	602328	113.40	ng	0.00
23) Nitrobenzene-d5	9.23	82	364980	68.61	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	369307	110.16	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	900417	66.96	ng	0.00
79) Terphenyl-d14	20.04	244	1770720	71.80	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.55	88	56736	36.893	ng	98
3) Pyridine	3.95	79	136684	31.600	ng	97
4) n-Nitrosodimethylamine	3.86	42	94547	45.454	ng	98
6) Aniline	7.40	93	215830	33.661	ng	99
8) 2-Chlorophenol	7.64	128	183180	47.620	ng	94
9) Benzaldehyde	7.21	77	101971	31.416	ng	95
10) Phenol	7.27	94	237231	48.679	ng	99
11) bis(2-Chloroethyl)ether	7.49	93	157014	41.641	ng	98
12) 1,3-Dichlorobenzene	7.96	146	200834	40.927	ng	99
13) 1,4-Dichlorobenzene	8.11	146	206243	42.161	ng	98
14) 1,2-Dichlorobenzene	8.43	146	196308	42.151	ng	95
15) Benzyl Alcohol	8.31	79	184888	46.297	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	288428	39.830	ng	99
17) 2-Methylphenol	8.52	107	159452	46.761	ng	96
18) Hexachloroethane	9.16	117	75356	40.903	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	145029	41.581	ng	94
20) 3+4-Methylphenols	8.85	107	216126	46.250	ng	94
22) Acetophenone	8.90	105	276858	41.541	ng	# 99
24) Nitrobenzene	9.28	77	230012	45.332	ng	98
25) Isophorone	9.80	82	409659	43.843	ng	98
26) 2-Nitrophenol	9.99	139	103896	48.100	ng	98
27) 2,4-Dimethylphenol	10.05	122	177744	53.584	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	221053	41.697	ng	96
29) 2,4-Dichlorophenol	10.53	162	198326	48.073	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	226450	42.505	ng	95
31) Naphthalene	10.93	128	569168	44.719	ng	99
32) Benzoic acid	10.19	122	106185	42.229	ng	96
33) 4-Chloroaniline	11.03	127	141069	25.543	ng	98
34) Hexachlorobutadiene	11.22	225	161774	40.555	ng	98
35) Caprolactam	11.81	113	63173m	43.422	ng	
36) 4-Chloro-3-methylphenol	12.16	107	214862	47.900	ng	99
37) 2-Methylnaphthalene	12.53	142	426221	43.897	ng	98
38) 1-Methylnaphthalene	12.74	142	402157	43.772	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	291428	39.758	ng	99

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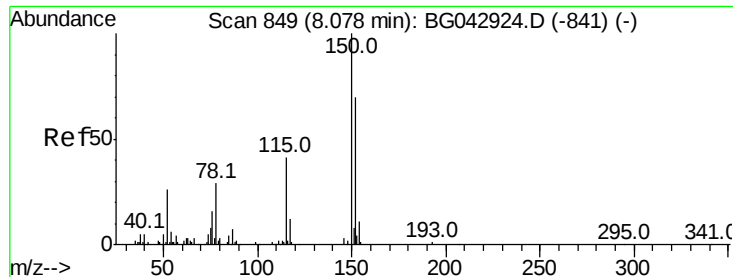
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	391135	83.748	nq	95
43) 2,4,6-Trichlorophenol	13.13	196	189101	44.076	nq	98
44) 2,4,5-Trichlorophenol	13.20	196	202032	45.712	nq	96
46) 1,1'-Biphenyl	13.53	154	584525	39.537	nq	98
47) 2-Chloronaphthalene	13.57	162	461540	41.639	nq	99
48) 2-Nitroaniline	13.77	65	152561	41.389	nq	96
49) Acenaphthylene	14.41	152	744414	43.890	nq	99
50) Dimethylphthalate	14.15	163	607802	41.610	nq	100
51) 2,6-Dinitrotoluene	14.26	165	141392	45.454	nq	93
52) Acenaphthene	14.75	154	468229	41.244	nq	98
53) 3-Nitroaniline	14.59	138	96590	30.046	nq	99
54) 2,4-Dinitrophenol	14.79	184	183059	94.676	nq	99
55) Dibenzofuran	15.09	168	719808	42.862	nq	99
56) 4-Nitrophenol	14.91	139	232107	94.760	nq	97
57) 2,4-Dinitrotoluene	15.05	165	203389	44.649	nq	99
58) Fluorene	15.73	166	615634	42.938	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	210660m	44.766	nq	
60) Diethylphthalate	15.51	149	609201	40.980	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	363225	42.241	nq	97
62) 4-Nitroaniline	15.76	138	147548	42.084	nq	92
63) Azobenzene	16.02	77	574114	42.420	nq	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	131474	48.619	nq	95
66) n-Nitrosodiphenylamine	15.94	169	551675	43.730	nq	99
67) 4-Bromophenyl-phenylether	16.62	248	251383	41.912	nq	98
68) Hexachlorobenzene	16.74	284	273259	40.918	nq	99
69) Atrazine	16.89	200	218510	41.133	nq	96
70) Pentachlorophenol	17.09	266	363740	94.393	nq	98
71) Phenanthrene	17.48	178	996885	42.729	nq	98
72) Anthracene	17.57	178	1006853	43.229	nq	98
73) Carbazole	17.84	167	945720	43.787	nq	99
74) Di-n-butylphthalate	18.40	149	1081457	41.967	nq	99
75) Fluoranthene	19.48	202	1327087	43.006	nq	100
77) Benzidine	19.66	184	381979	29.028	nq	99
78) Pyrene	19.84	202	1350502	43.055	nq	99
80) Butylbenzylphthalate	20.73	149	506864	42.572	nq	99
81) Benzo(a)anthracene	21.69	228	1389068	42.420	nq	98
82) 3,3'-Dichlorobenzidine	21.60	252	483731	37.665	nq	99
83) Chrysene	21.75	228	1353216	42.585	nq	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	727262	42.927	nq	98
85) Di-n-octyl phthalate	22.81	149	1214867	43.853	nq	99
86) Indeno(1,2,3-cd)pyrene	28.61	276	1730621	43.747	nq	# 99
88) Benzo(b)fluoranthene	23.91	252	1494820	48.305	nq	98
89) Benzo(k)fluoranthene	23.98	252	1446842	47.261	nq	99
90) Benzo(a)pyrene	24.78	252	1450148	49.670	nq	99
91) Dibenzo(a,h)anthracene	28.67	278	1476159	49.307	nq	99
92) Benzo(g,h,i)perylene	29.76	276	1446154	49.854	nq	98

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



#1

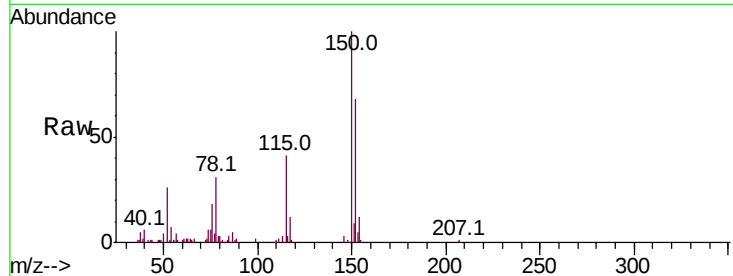
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

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BNA_G
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PB123480BS

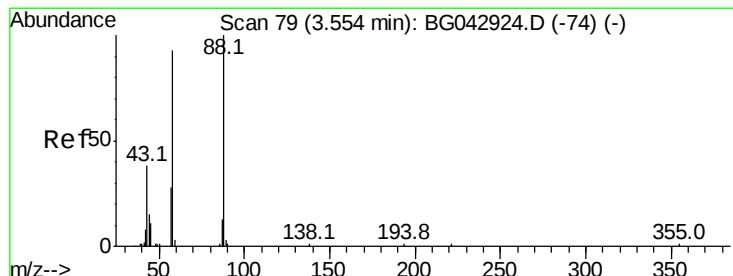
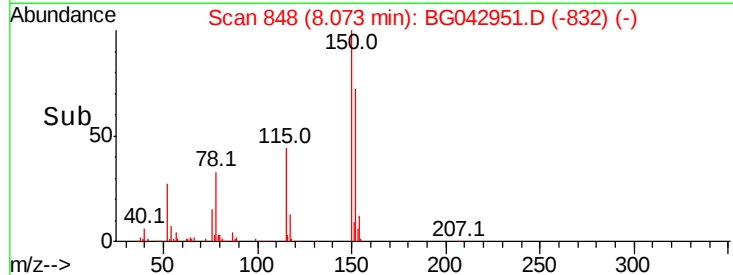
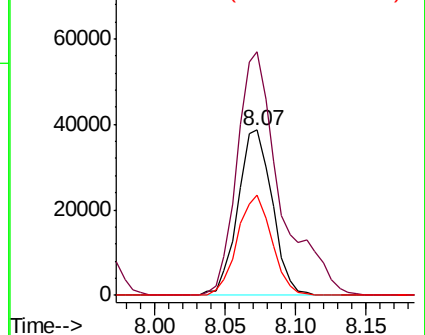
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.4	115.0	172.4
115	60.4	47.0	70.6

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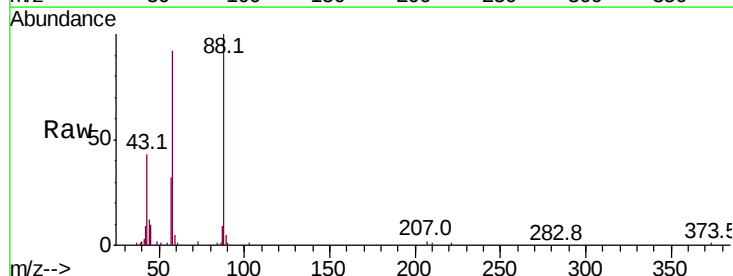
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



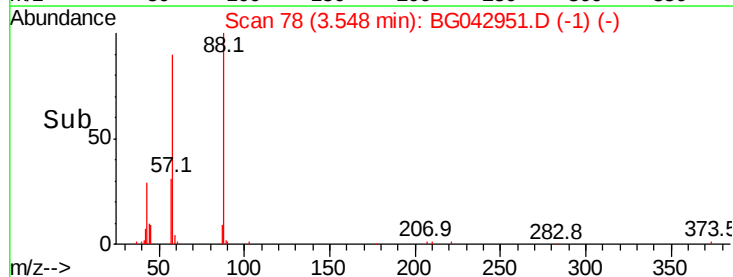
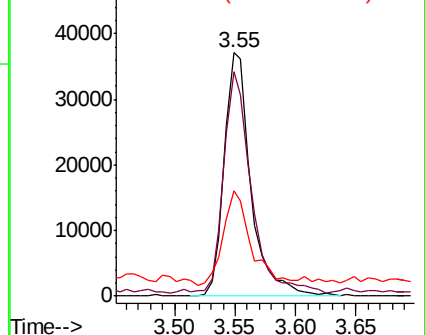
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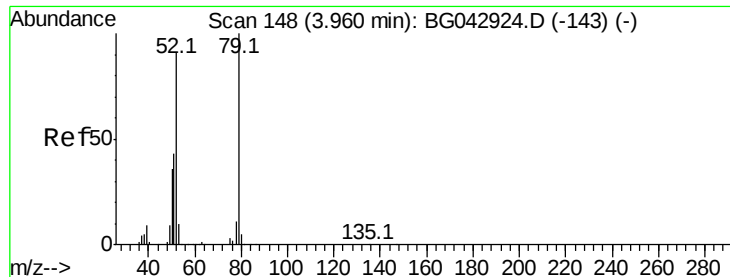
1,4-Dioxane
Concen: 36.893 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.4	74.3	111.5
43	40.3	29.8	44.8



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: 31.600 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

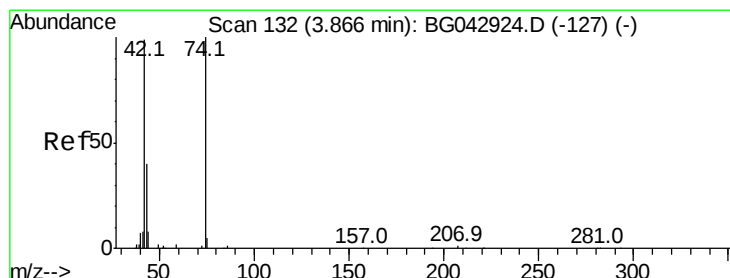
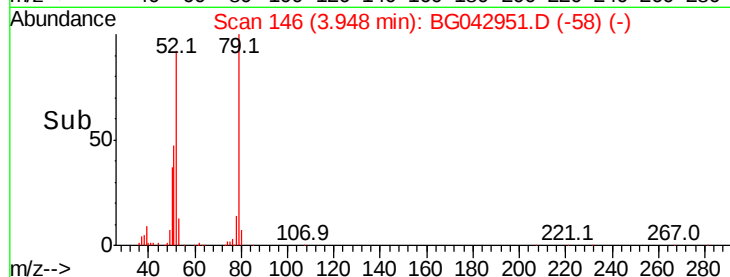
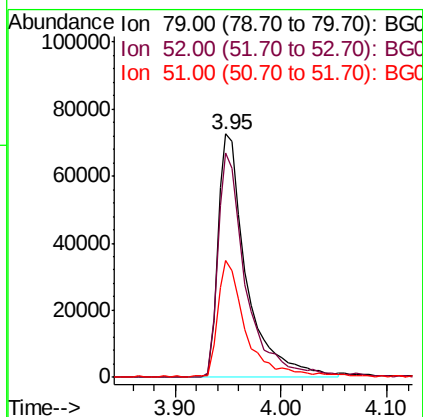
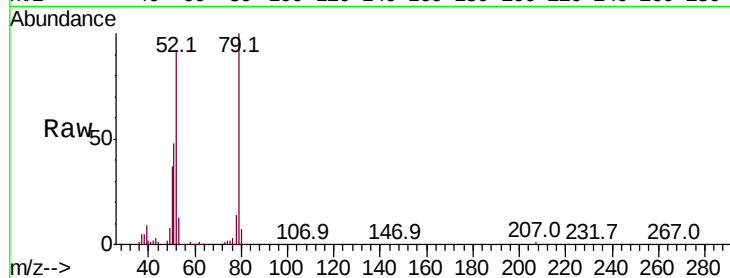
ClientSampleId :

PB123480BS

Tot Ion:	79	Resp:	136684
Ion	Ratio	Lower	Upper
79	100		
52	91.9	73.0	109.4
51	47.9	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 45.454 ng

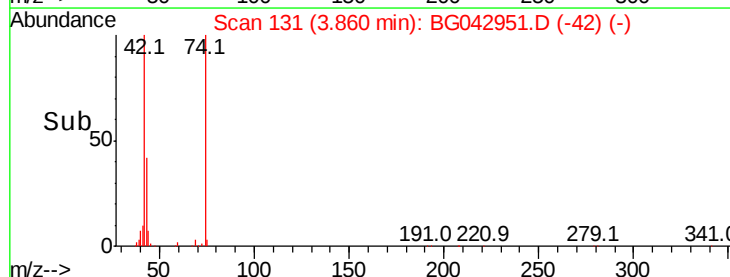
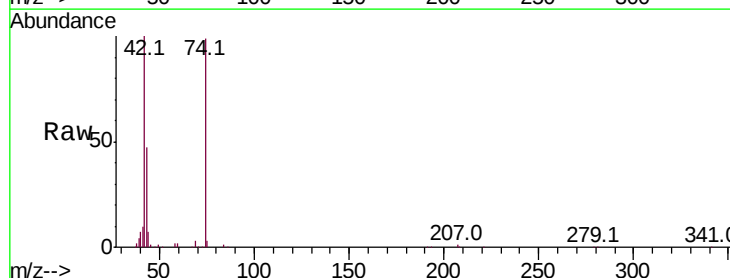
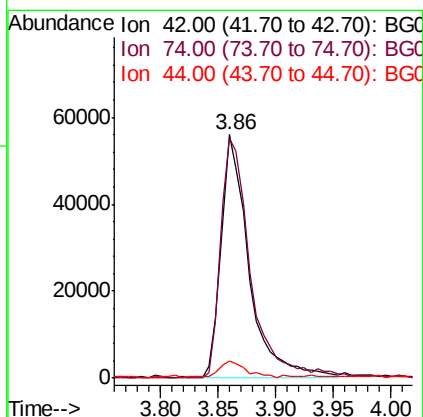
RT: 3.86 min Scan# 131

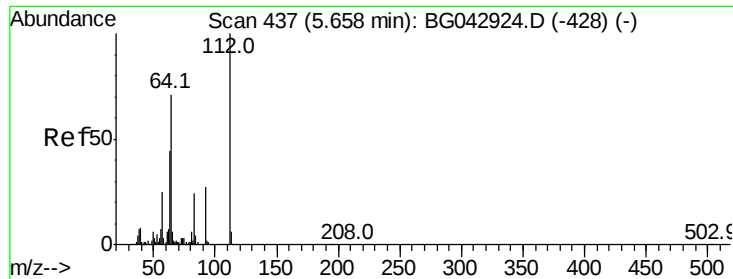
Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Tgt Ion:	42	Resp:	94547
Ion	Ratio	Lower	Upper
42	100		
74	98.5	80.5	120.7
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 118.131 ng

RT: 5.66 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

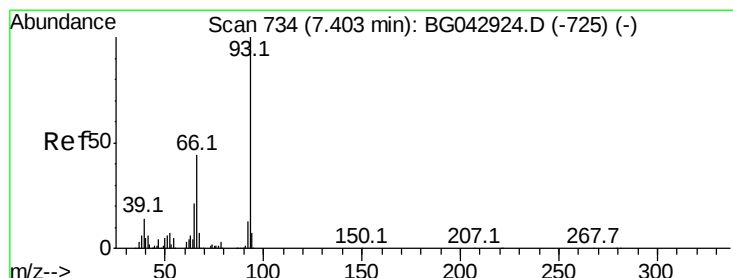
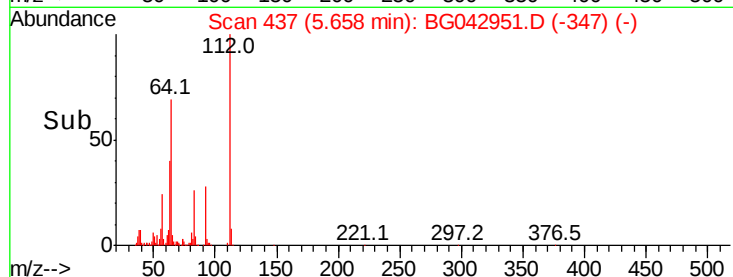
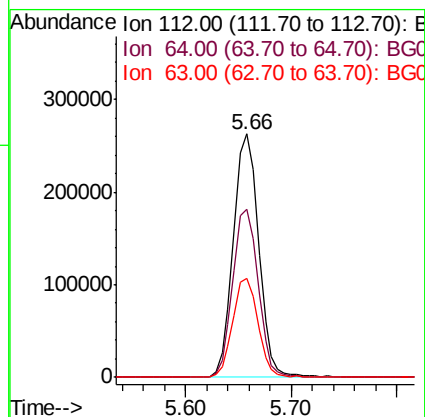
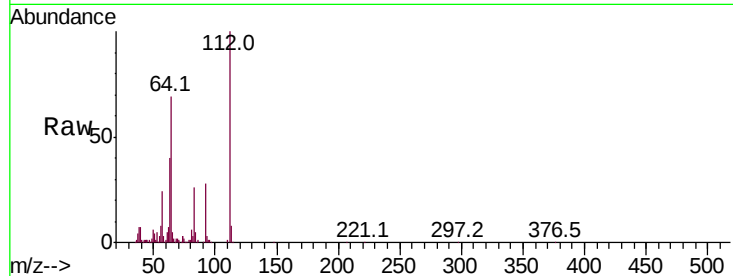
ClientSampleId :

PB123480BS

Tot Ion:	112	Resp:	435734
Ion Ratio	Lower	Upper	
112	100		
64	69.2	56.6	84.8
63	40.5	35.1	52.7

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#6

Aniline

Concen: 33.661 ng

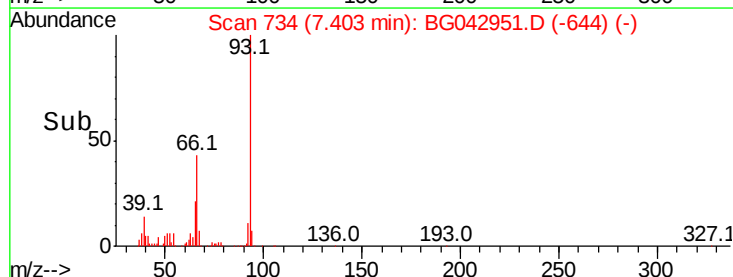
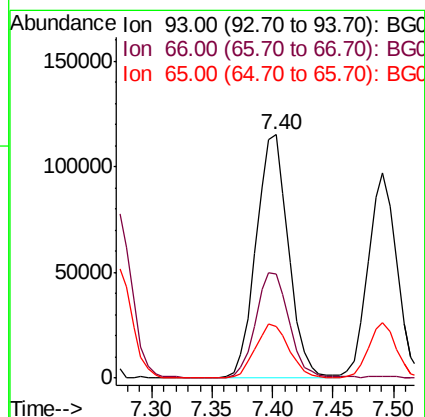
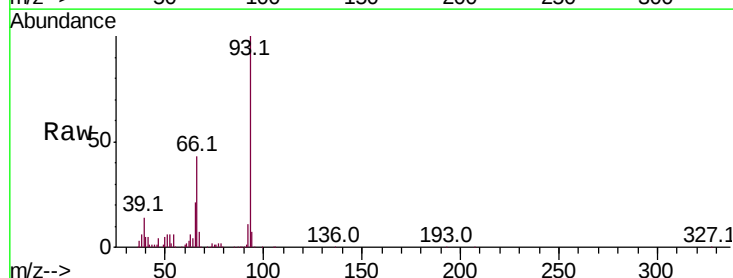
RT: 7.40 min Scan# 734

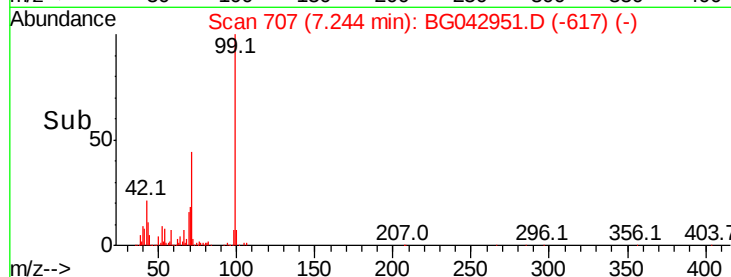
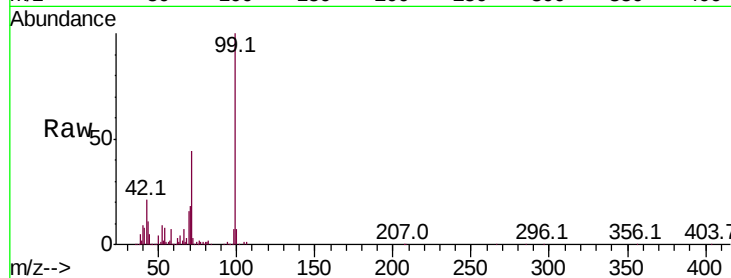
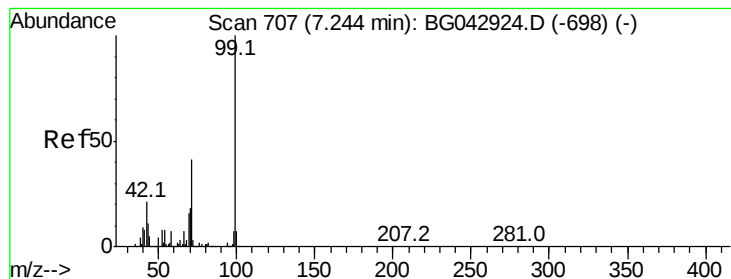
Delta R.T. 0.00 min

Lab File: BG042951.D

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Tgt Ion:	93	Resp:	215830
Ion Ratio	Lower	Upper	
93	100		
66	42.9	35.0	52.6
65	21.3	17.4	26.0





#7

Phenol-d6

Concen: 113.395 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Tot Ion:	99	Resp:	602328
Ion Ratio	Lower	Upper	
99	100		
42	21.2	17.2	25.8
71	43.7	33.1	49.7

Instrument :

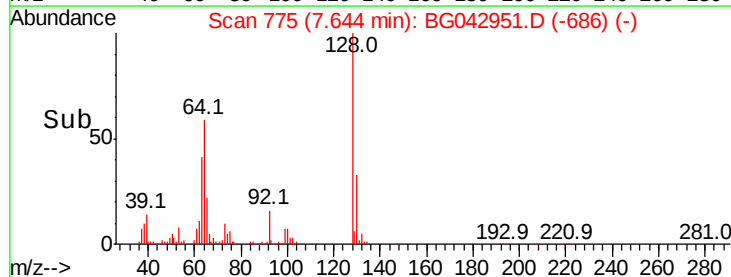
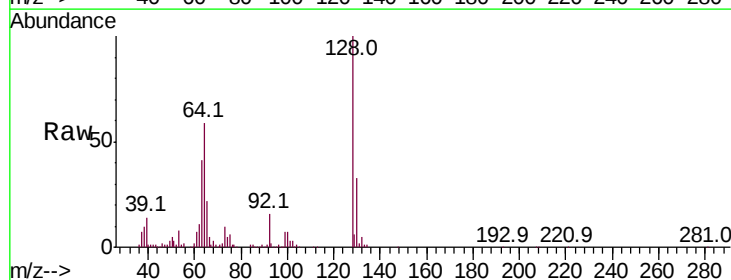
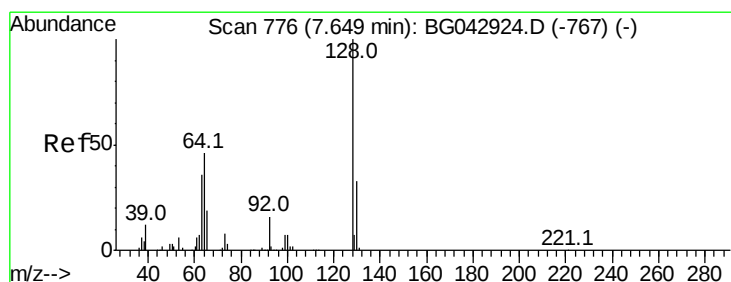
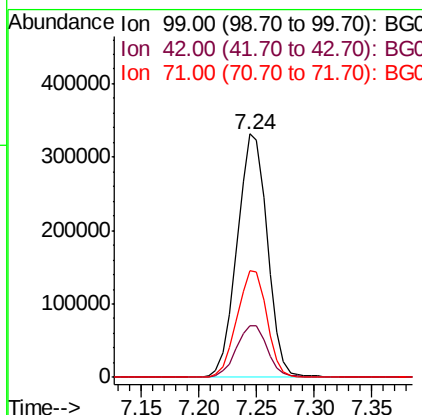
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#8

2-Chlorophenol

Concen: 47.620 ng

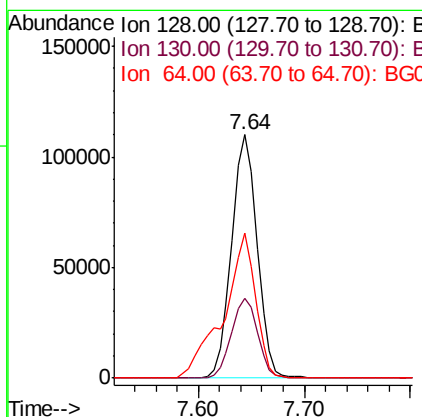
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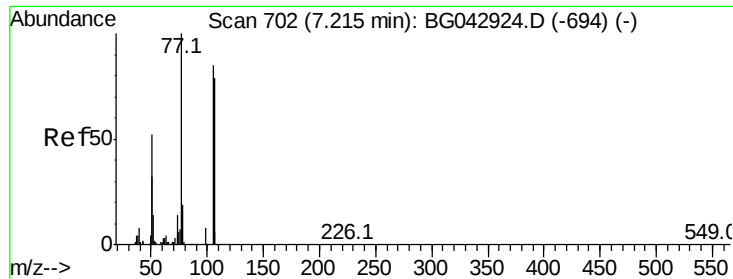
Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Tgt Ion:	128	Resp:	183180
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.5	52.5
64	59.4	32.8	72.8





#9

Benzaldehyde

Concen: 31.416 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

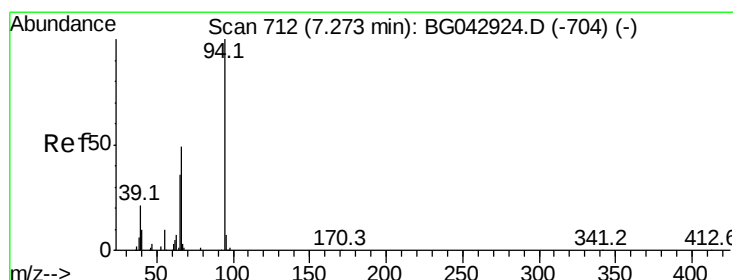
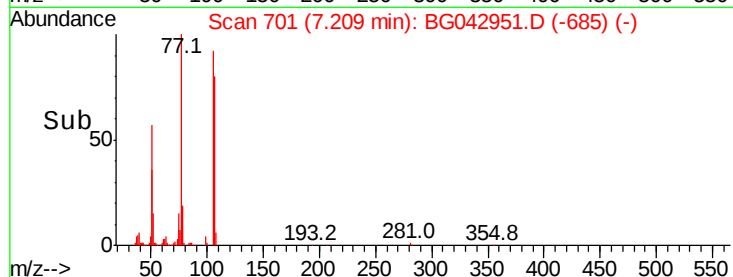
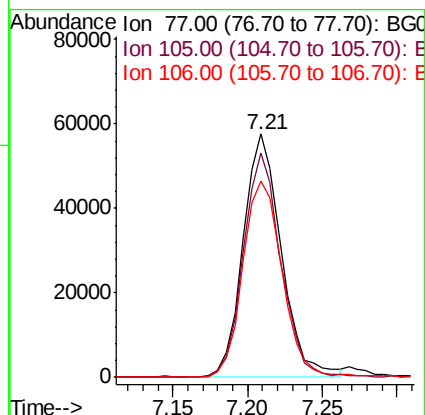
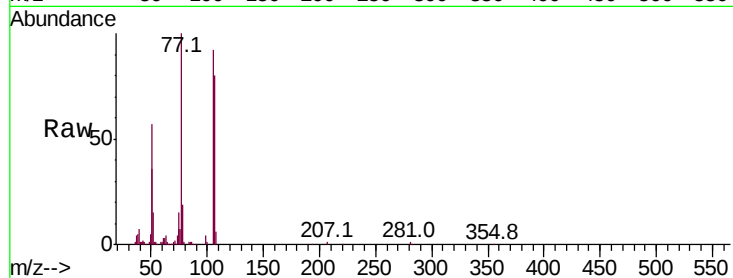
ClientSampleId :

PB123480BS

Tot Ion:	77	Resp:	101971
Ion Ratio	Lower	Upper	
77	100		
105	92.3	64.6	104.6
106	80.5	59.4	99.4

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#10

Phenol

Concen: 48.679 ng

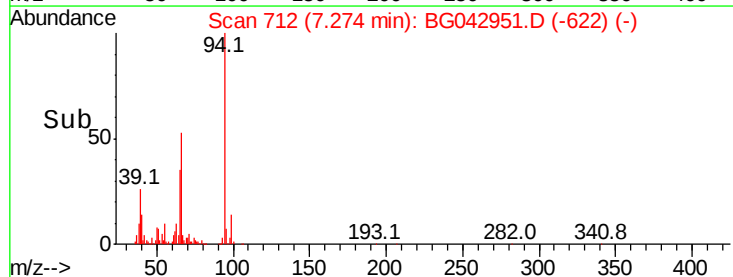
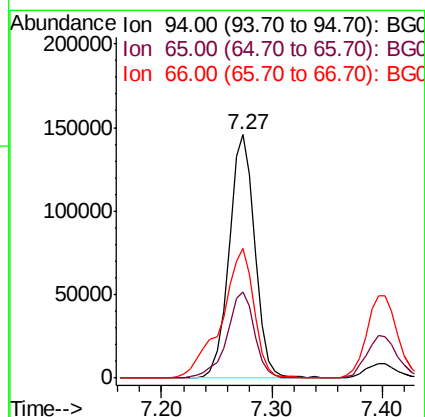
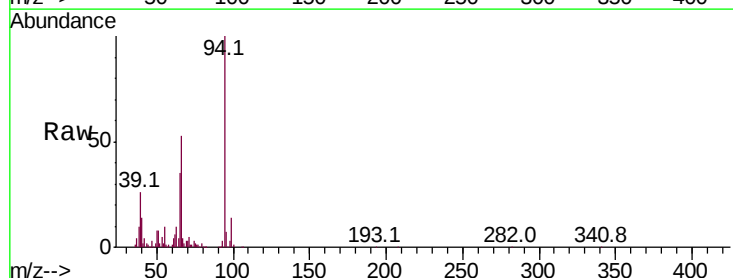
RT: 7.27 min Scan# 712

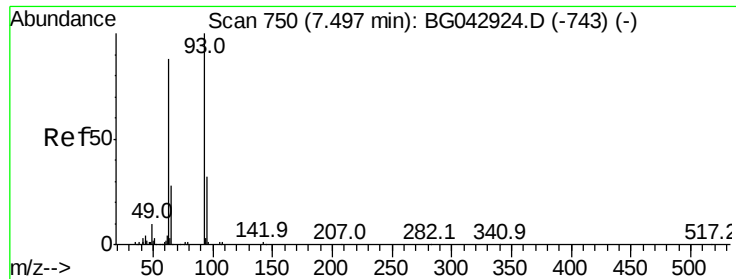
Delta R.T. 0.00 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Tgt Ion:	94	Resp:	237231
Ion Ratio	Lower	Upper	
94	100		
65	35.5	16.6	56.6
66	53.2	32.4	72.4





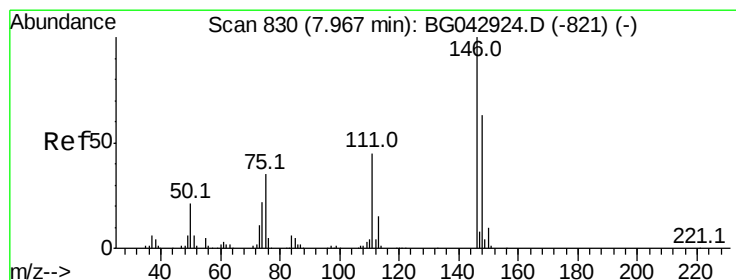
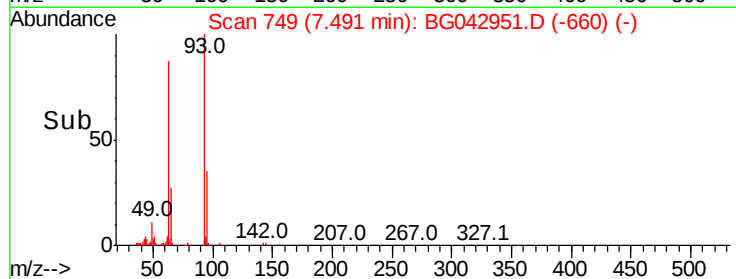
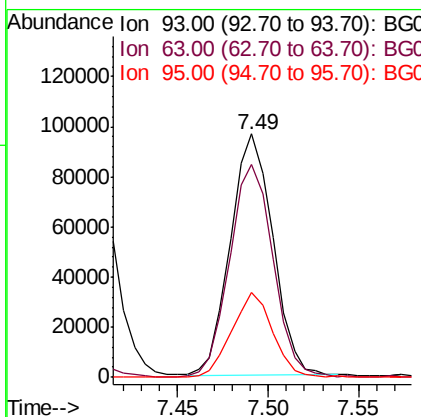
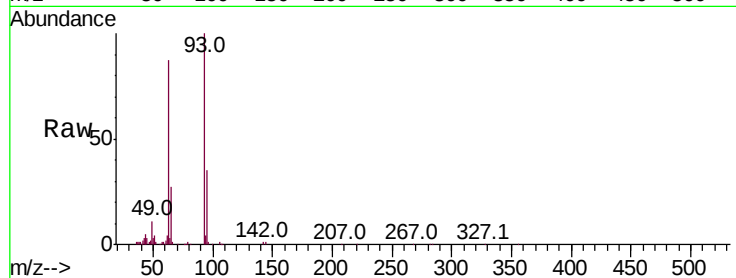
#11
bis(2-Chloroethyl)ether
Concen: 41.641 ng
RT: 7.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :
PB123480BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.3	67.4	107.4
95	34.9	11.9	51.9

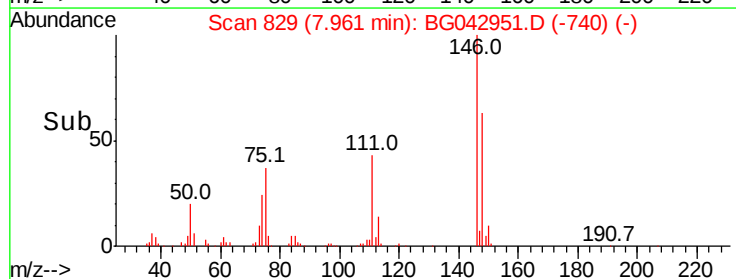
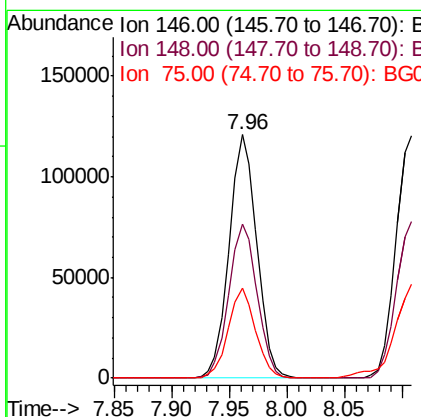
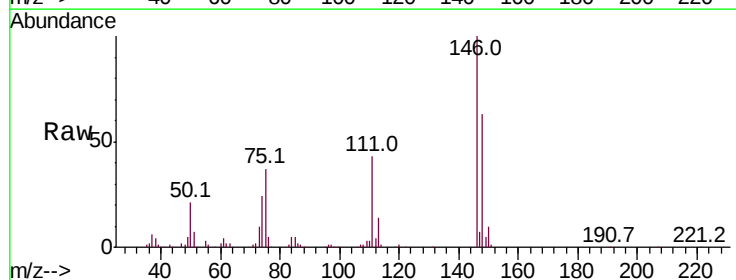
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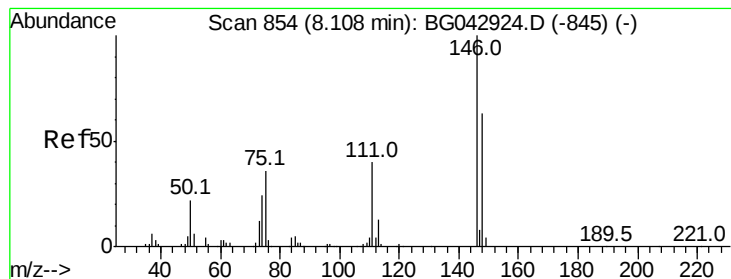
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.927 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.7	76.1
75	36.8	27.7	41.5





#13

1,4-Dichlorobenzene

Concen: 42.161 ng

RT: 8.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

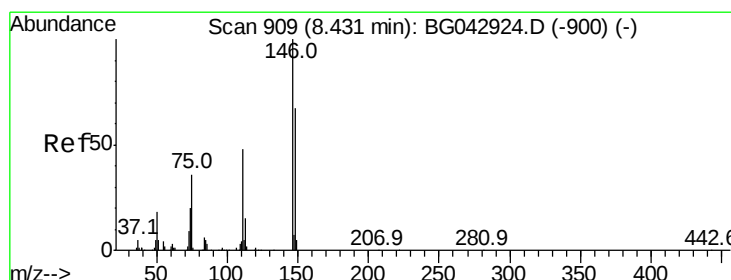
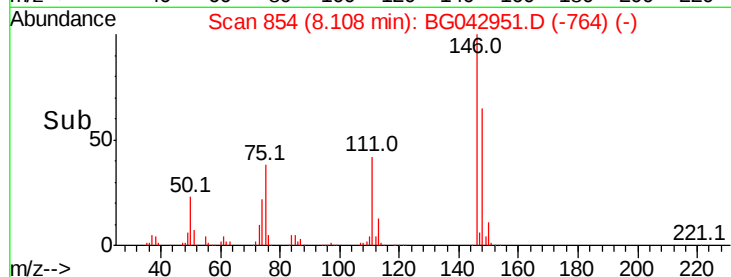
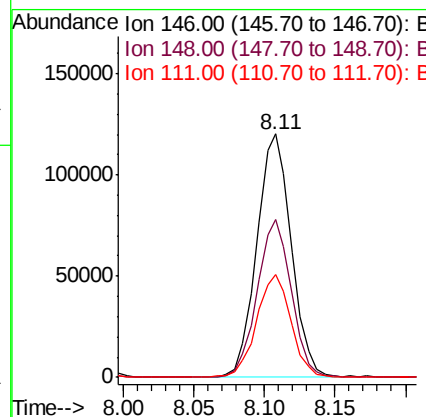
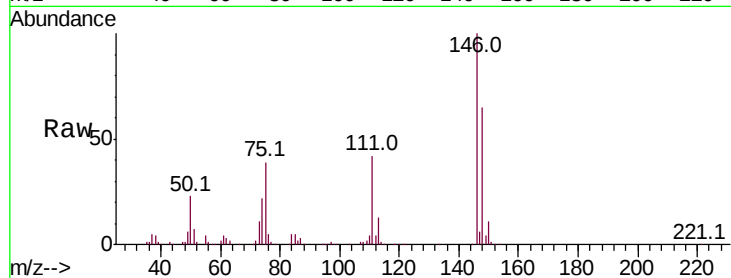
ClientSampleId :

PB123480BS

Tot Ion:	146	Resp:	206243
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.9	76.3
111	42.2	31.8	47.8

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#14

1,2-Dichlorobenzene

Concen: 42.151 ng

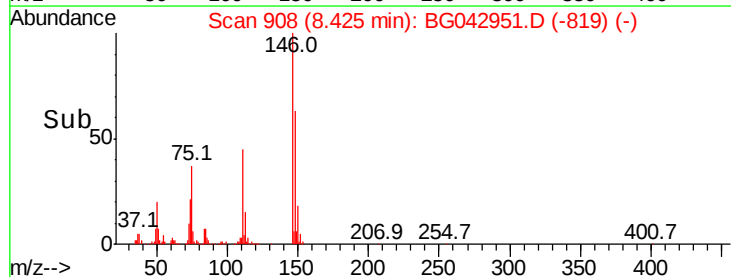
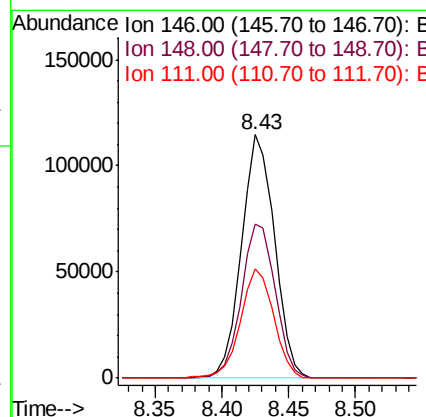
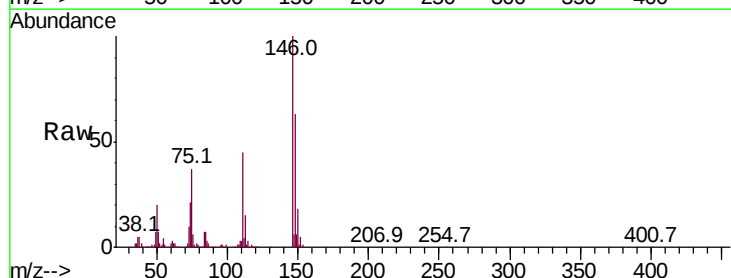
RT: 8.43 min Scan# 908

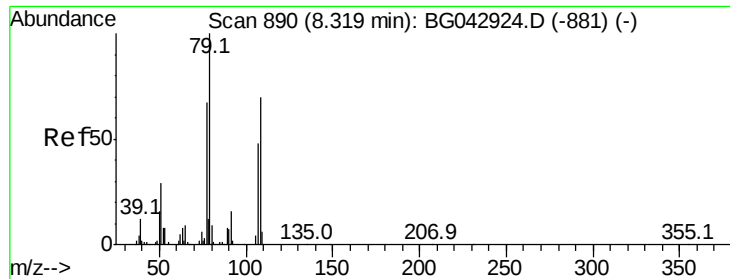
Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Tgt Ion:	146	Resp:	196308
Ion Ratio	Lower	Upper	
146	100		
148	63.0	53.4	80.2
111	45.1	38.5	57.7





#15

Benzyl Alcohol

Concen: 46.297 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

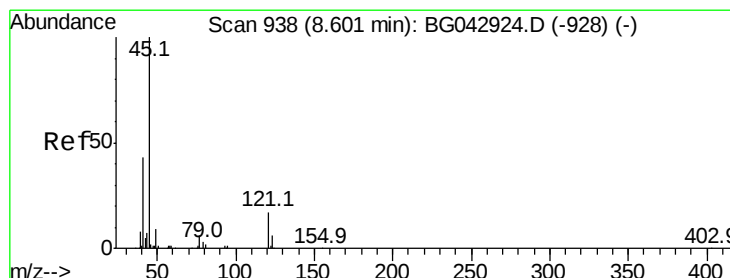
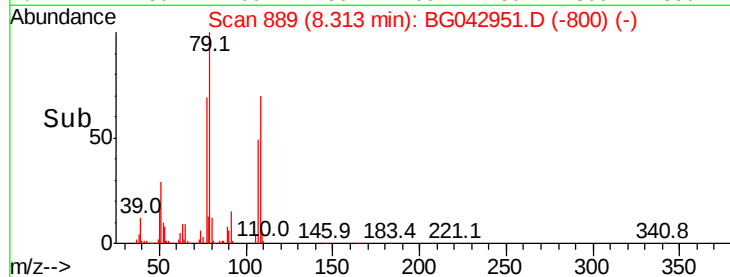
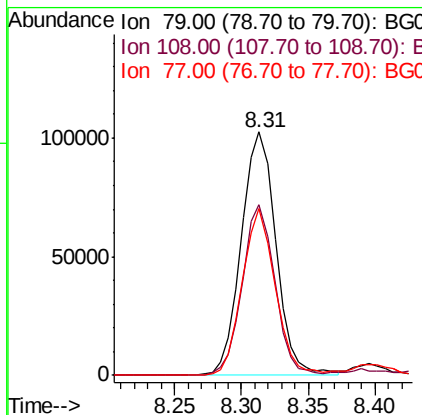
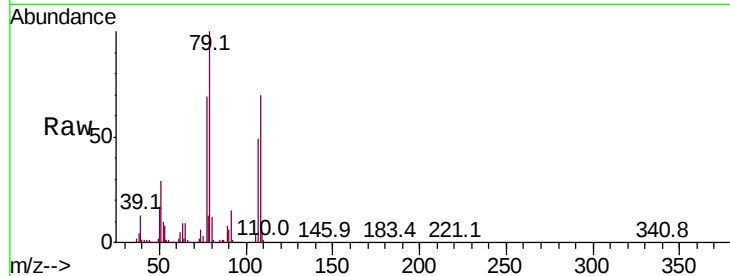
ClientSampled :

PB123480BS

Tot Ion:	79	Resp:	184888
Ion Ratio	Lower	Upper	
79	100		
108	70.0	55.7	83.5
77	68.8	53.3	79.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.830 ng

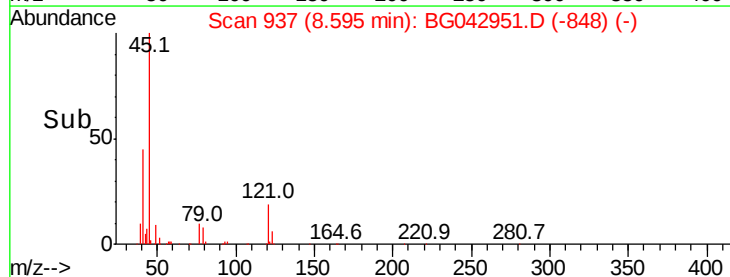
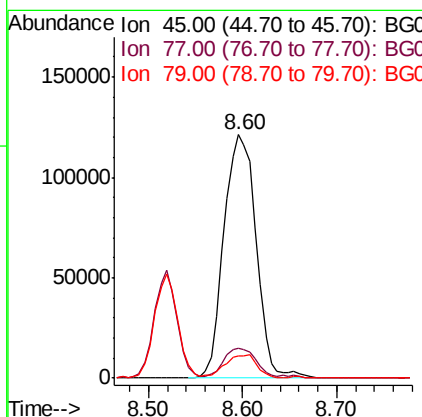
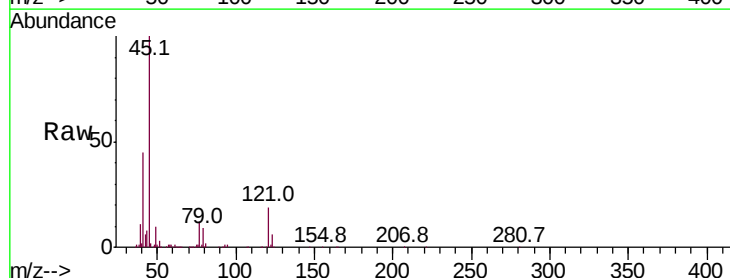
RT: 8.60 min Scan# 937

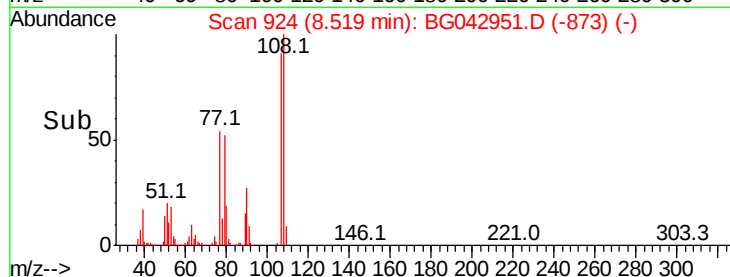
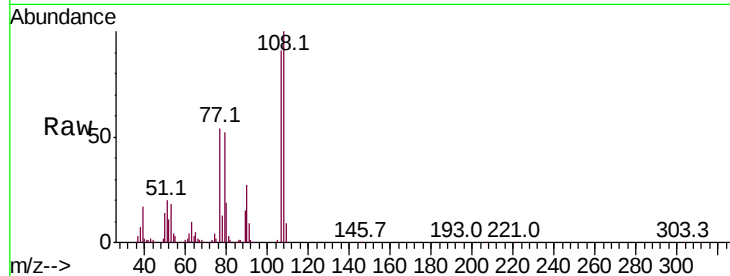
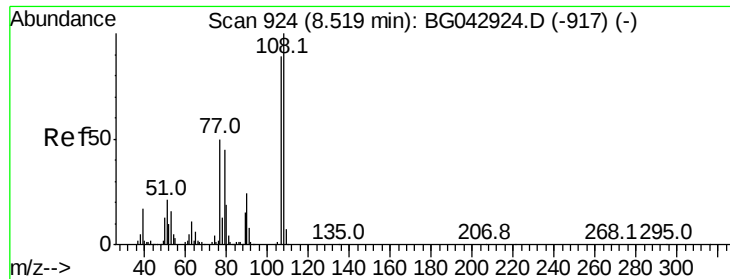
Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Tgt Ion:	45	Resp:	288428
Ion Ratio	Lower	Upper	
45	100		
77	12.1	0.0	32.8
79	9.0	0.0	29.4





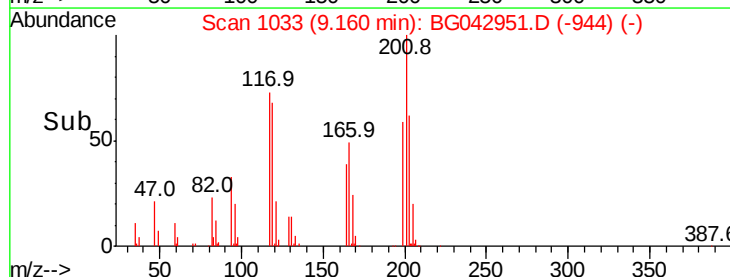
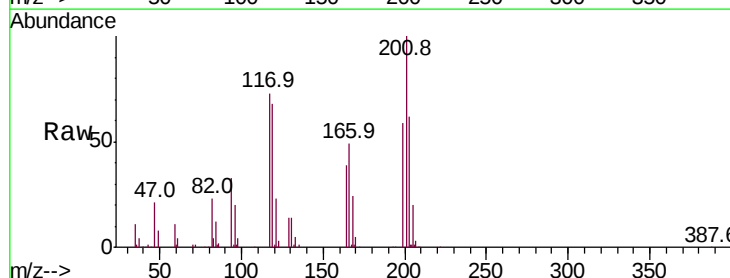
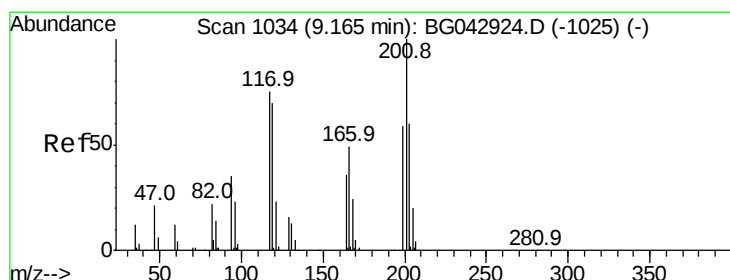
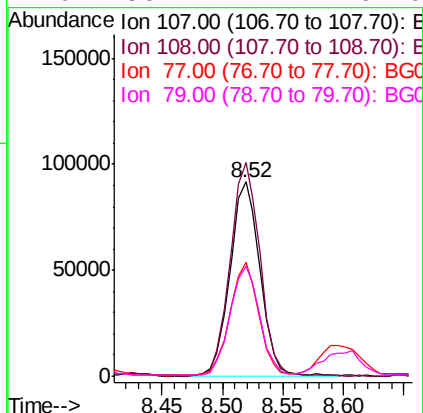
#17
2-Methylphenol
Concen: 46.761 ng
RT: 8.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	89.9	134.9	
77	58.8	45.4	68.2	
79	56.7	41.4	62.0	

Instrument :
BNA_G
ClientSampleId :
PB123480BS

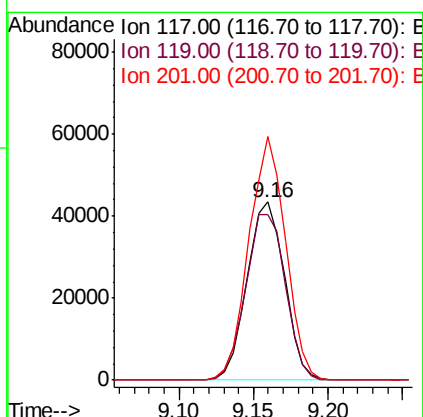
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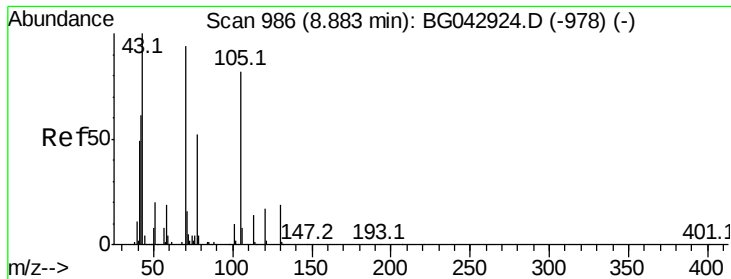
mohammad
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#18
Hexachloroethane
Concen: 40.903 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.0	74.6	111.8	
201	136.7	106.0	159.0	





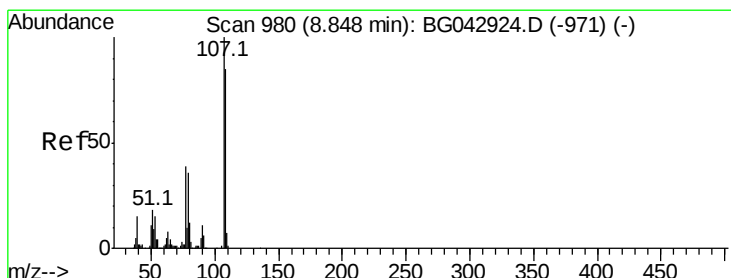
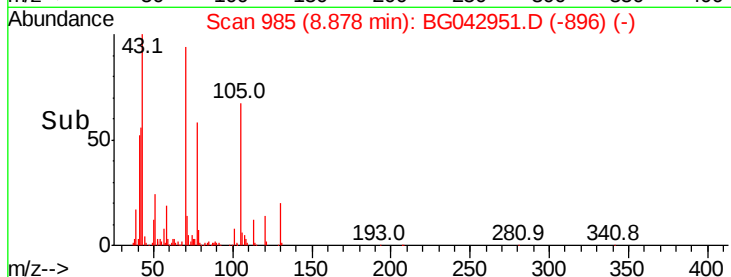
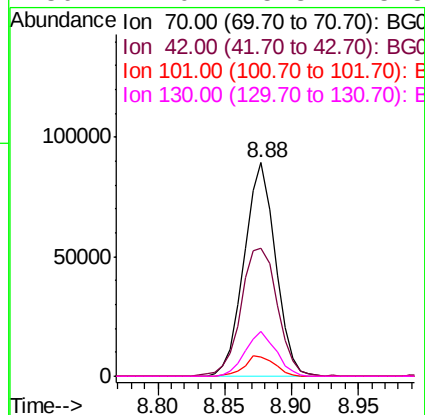
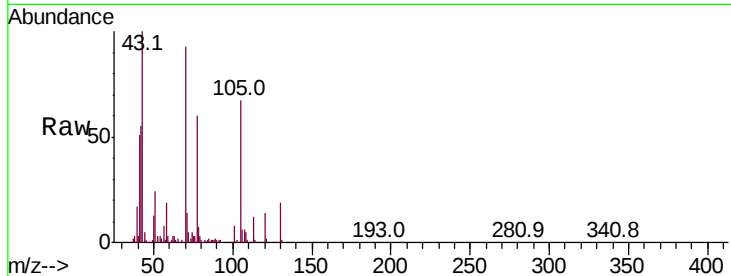
#19
n-Nitroso-di-n-propylamine
Concen: 41.581 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :
PB123480BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.8	52.6	79.0
101	8.7	8.7	13.1
130	21.0	15.8	23.8

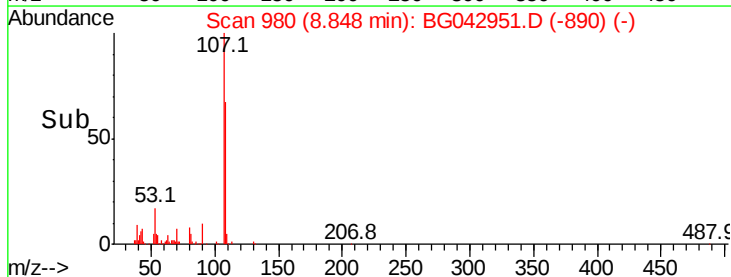
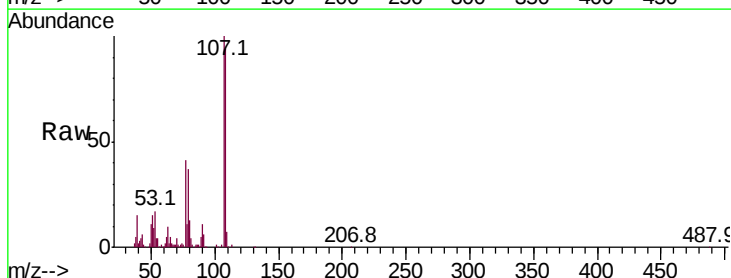
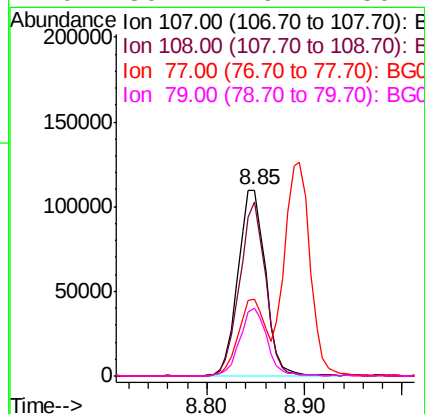
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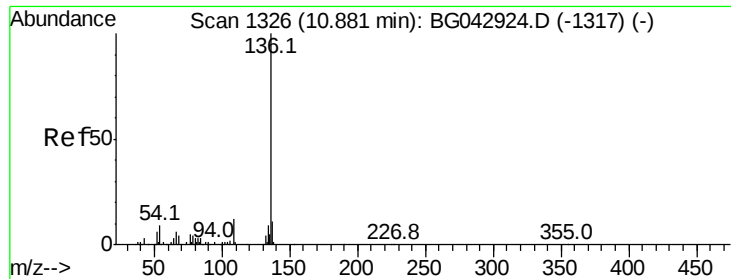
mohammad
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#20
3+4-Methylphenols
Concen: 46.250 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.6	64.9	104.9
77	41.0	19.4	59.4
79	36.7	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

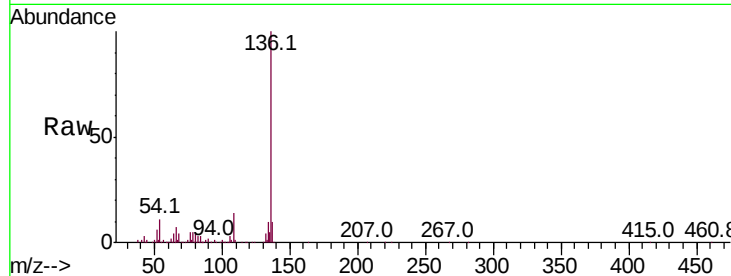
ClientSampleId :

PB123480BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	258554		
137	10.2		8.5	12.7
54	10.5		7.4	11.2
68	4.3		3.6	5.4

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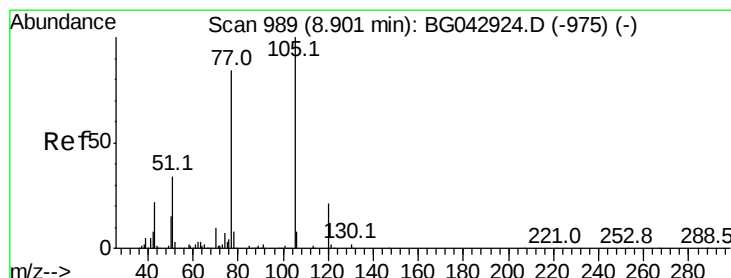
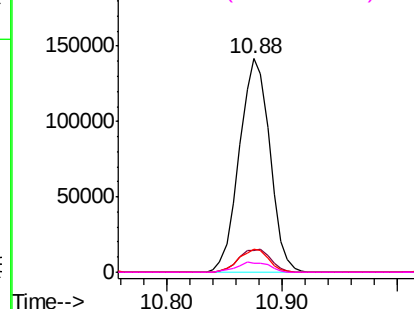
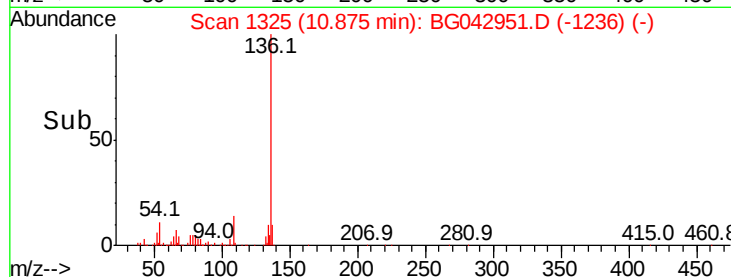
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.541 ng

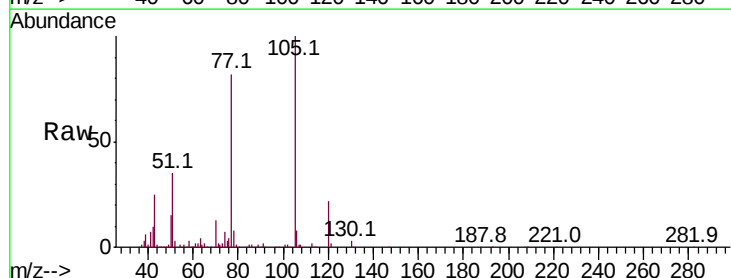
RT: 8.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	276858		
71	2.0		1.2	1.8#
51	34.9		27.2	40.8
120	21.7		16.9	25.3



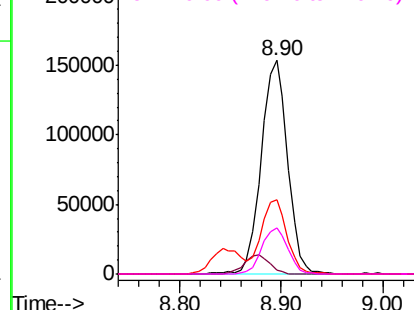
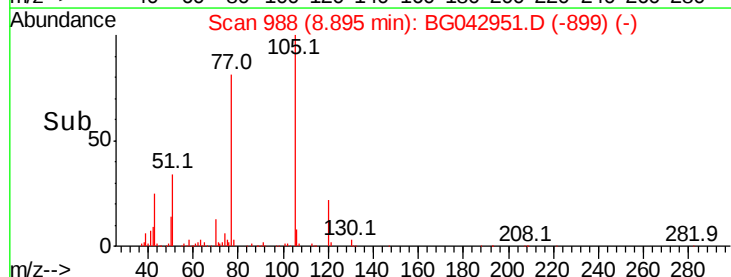
Abundance

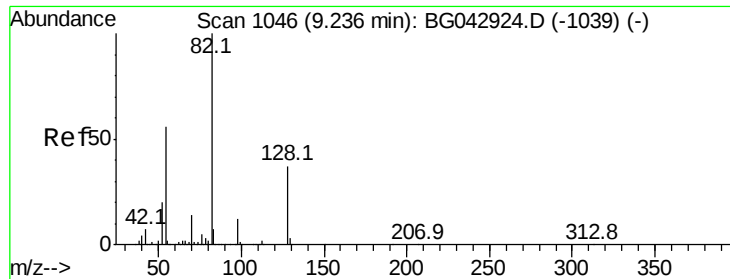
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





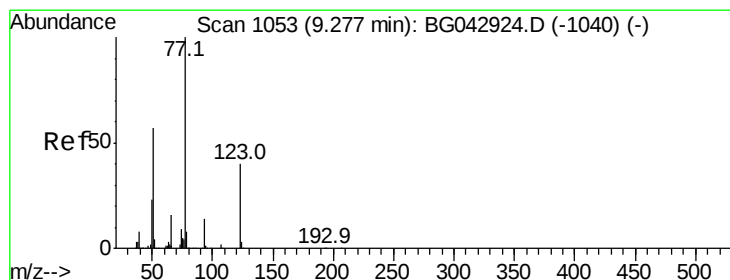
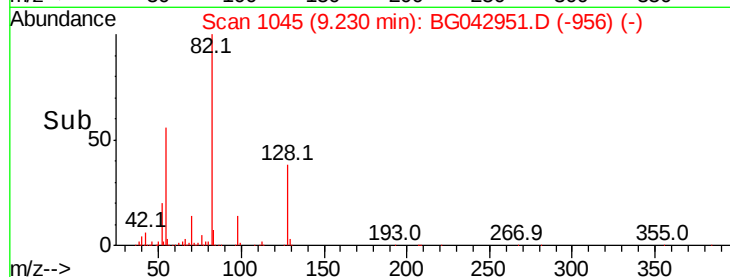
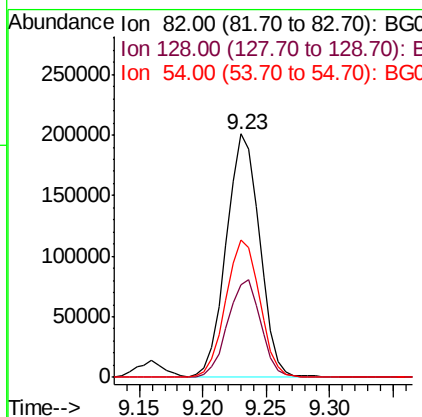
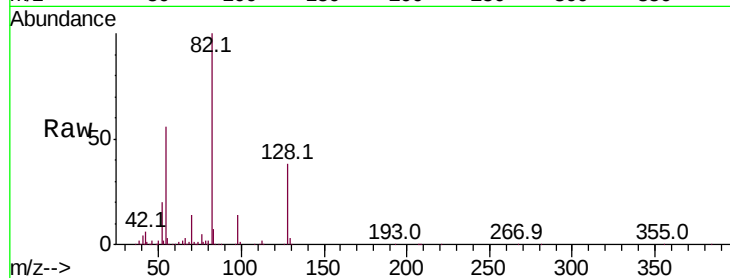
#23
Nitrobenzene-d5
Concen: 68.612 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampled :
PB123480BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.5	44.3
54	56.2	44.6	67.0

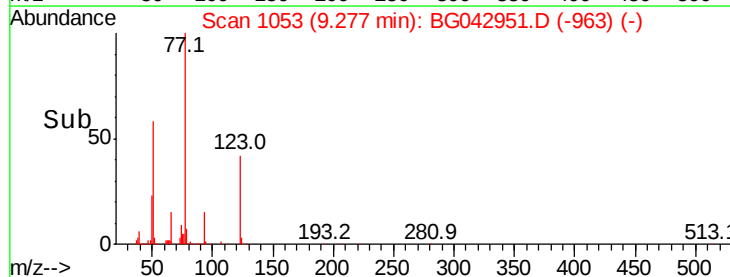
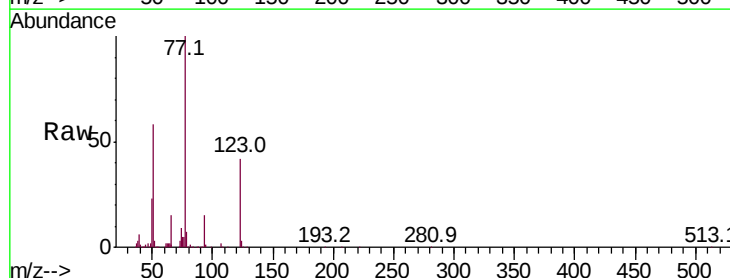
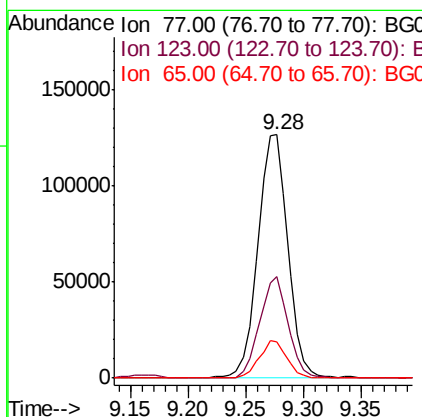
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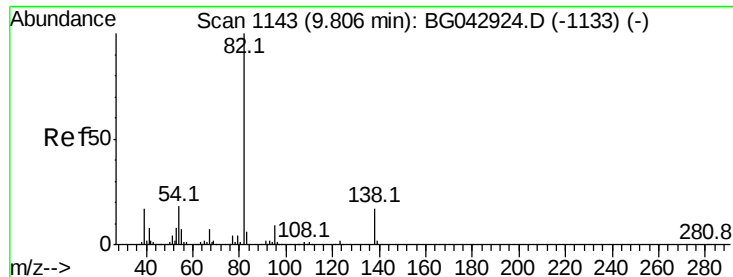
mohammad
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#24
Nitrobenzene
Concen: 45.332 ng
RT: 9.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.5	31.9	47.9
65	14.7	12.4	18.6





#25

Isophorone

Concen: 43.843 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

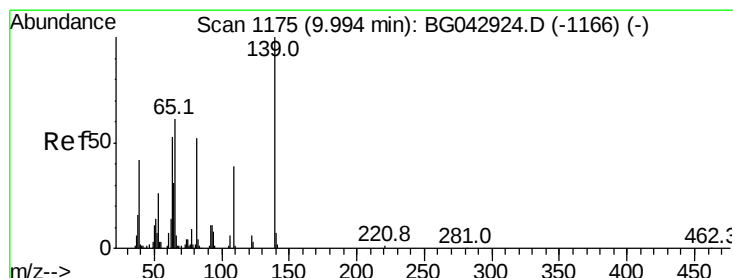
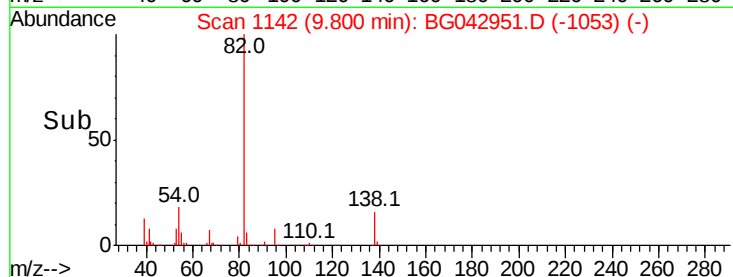
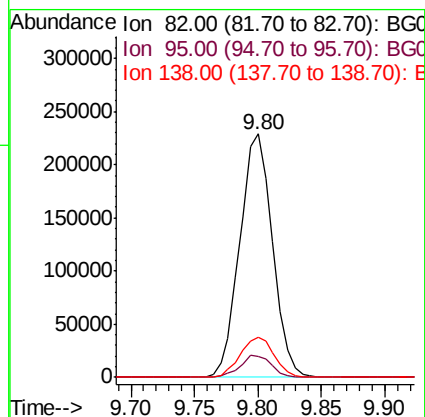
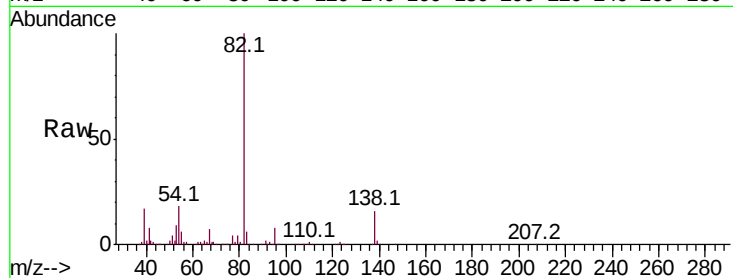
ClientSampleId :

PB123480BS

Tot Ion	82	Resp	409659
Ion Ratio	Lower	Upper	
82	100		
95	8.4	7.0	10.4
138	16.4	13.8	20.6

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#26

2-Nitrophenol

Concen: 48.100 ng

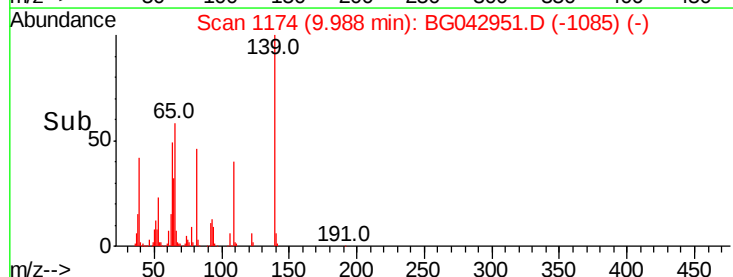
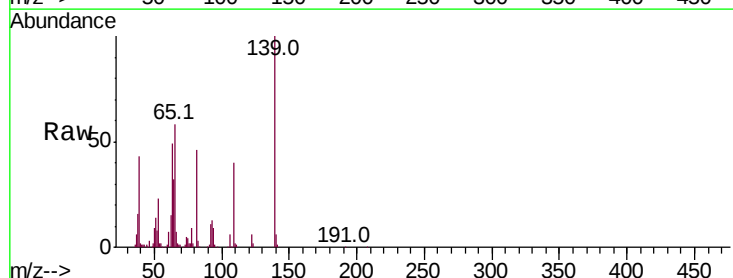
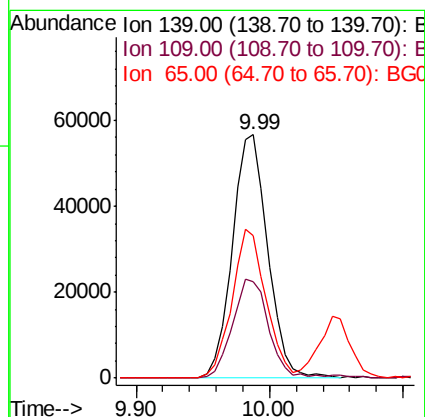
RT: 9.99 min Scan# 1174

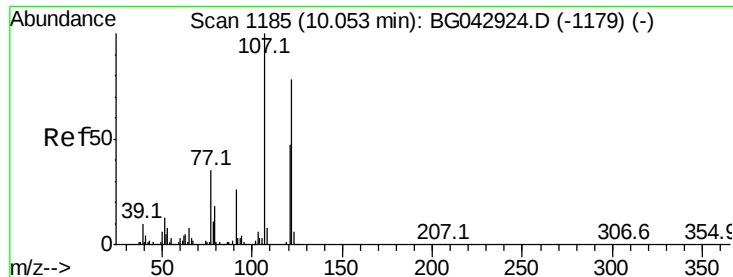
Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Tgt Ion	139	Resp	103896
Ion Ratio	Lower	Upper	
139	100		
109	39.9	31.0	46.6
65	58.3	48.4	72.6





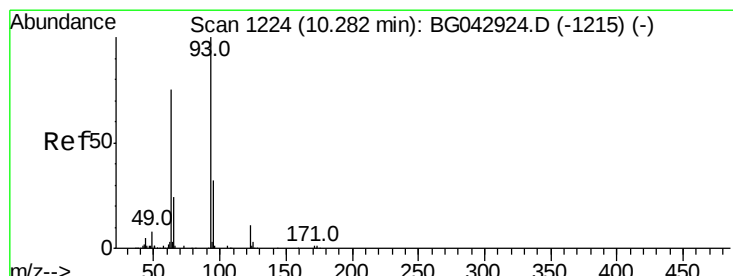
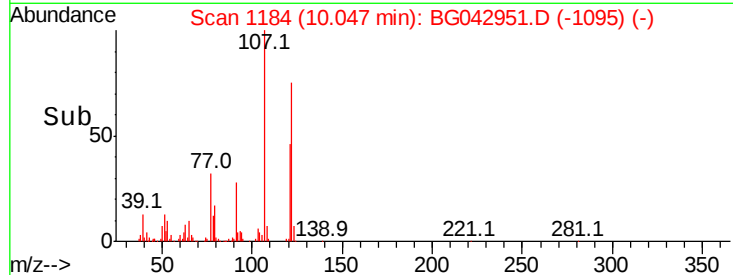
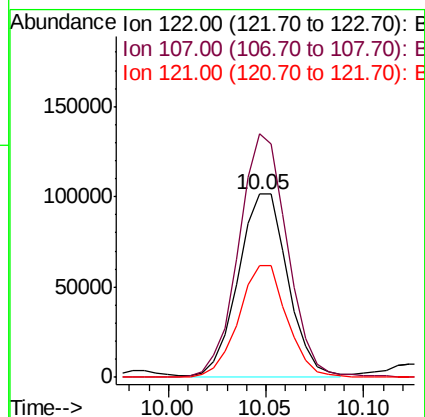
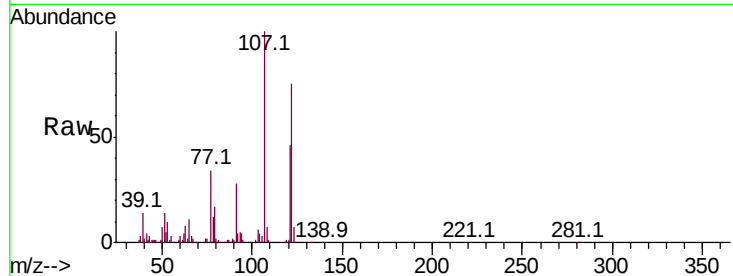
#27
 2,4-Dimethylphenol
 Concen: 53.584 ng
 RT: 10.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :
 PB123480BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	132.8	102.2	153.2
121	61.2	48.5	72.7

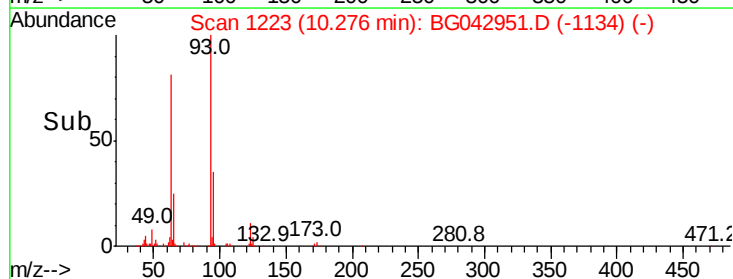
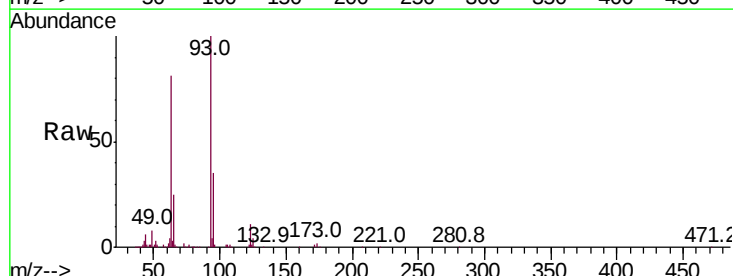
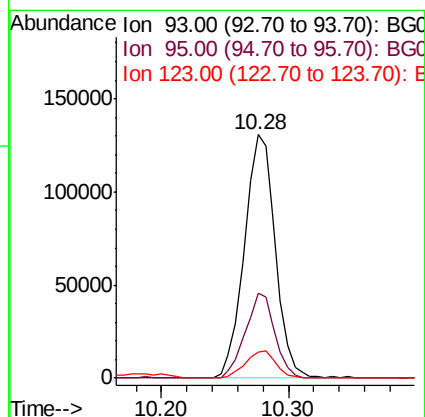
Manual Integrations
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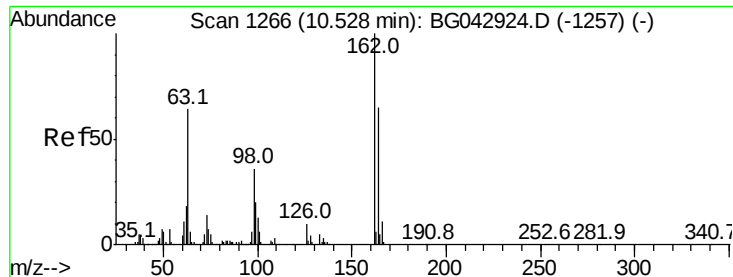
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.697 ng
 RT: 10.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.7	25.4	38.0
123	10.8	9.3	13.9





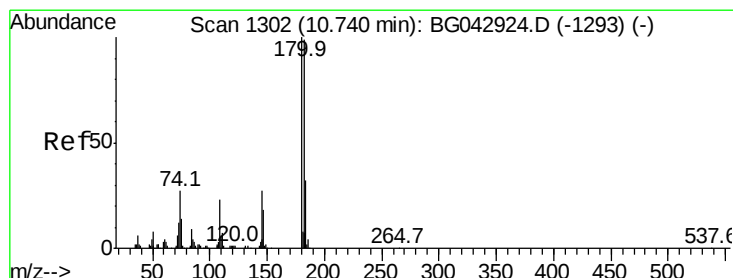
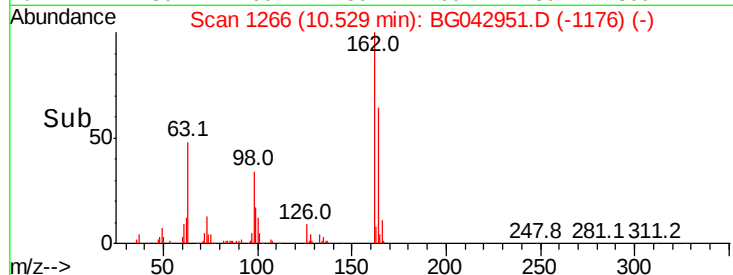
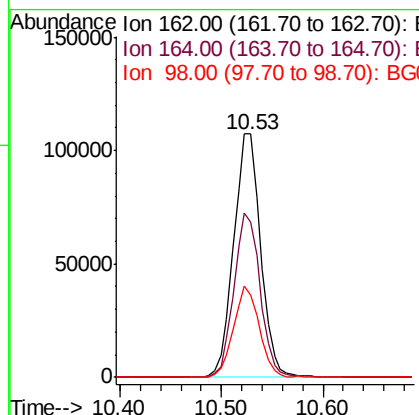
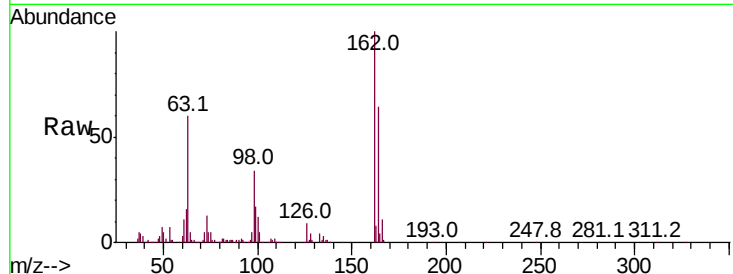
#29
 2,4-Dichlorophenol
 Concen: 48.073 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :
 PB123480BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	198326		
164	63.9	44.7	84.7	
98	34.0	16.0	56.0	

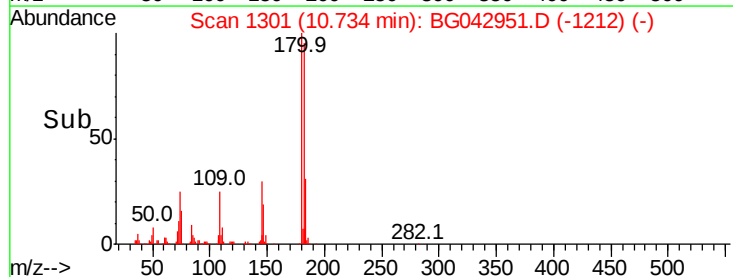
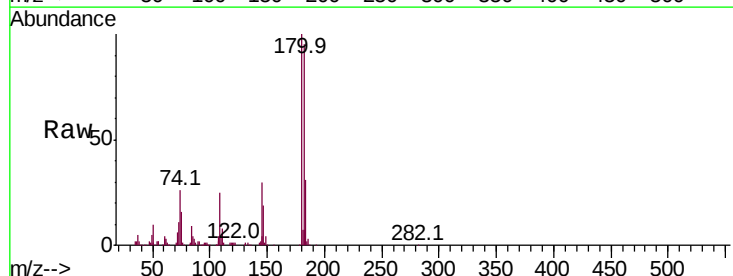
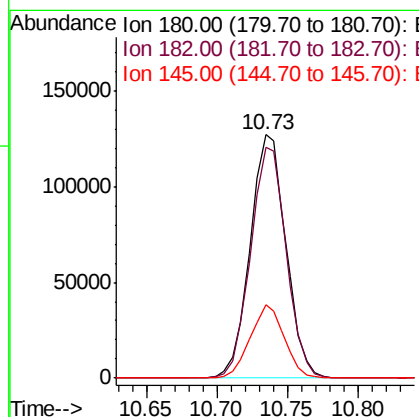
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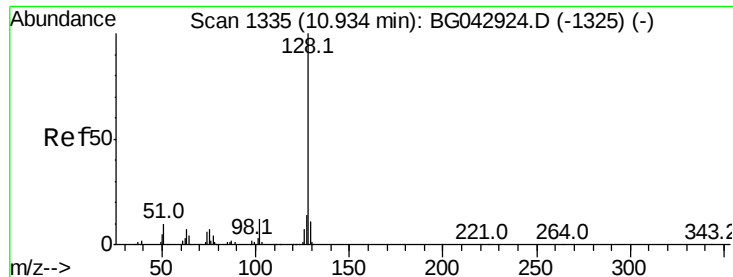
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.505 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	226450		
182	94.6	79.3	118.9	
145	30.2	22.0	33.0	





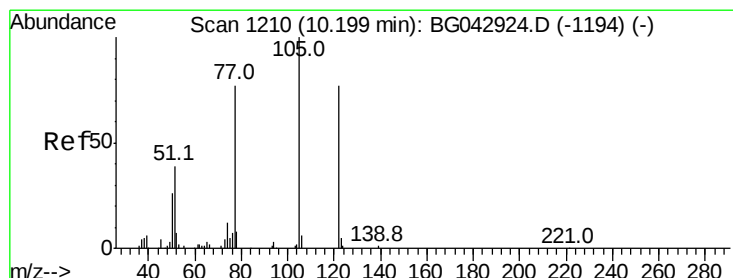
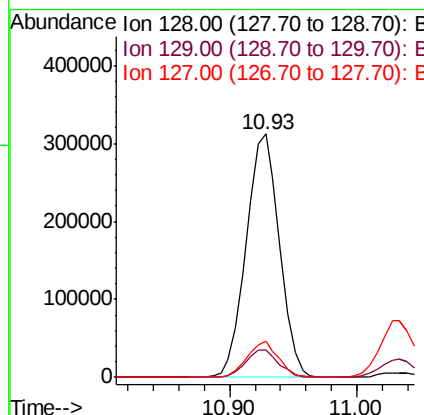
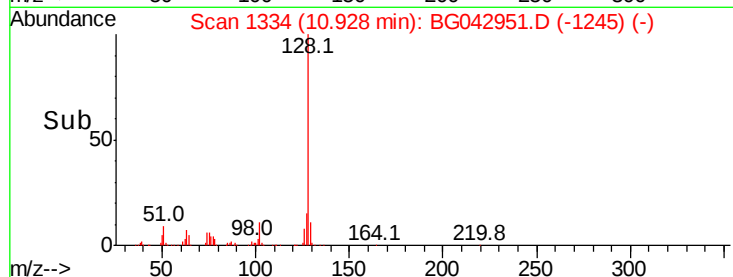
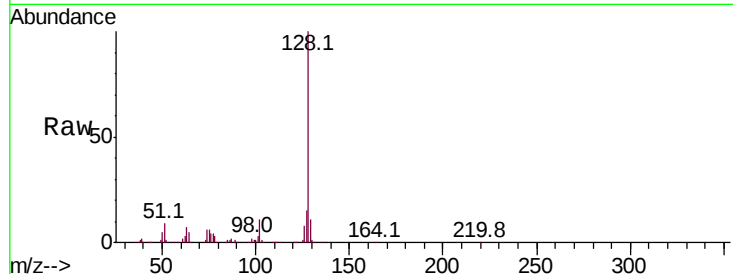
#31
Naphthalene
Concen: 44.719 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :
PB123480BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	569168		
129	11.1		8.8	13.2
127	14.8		11.3	16.9

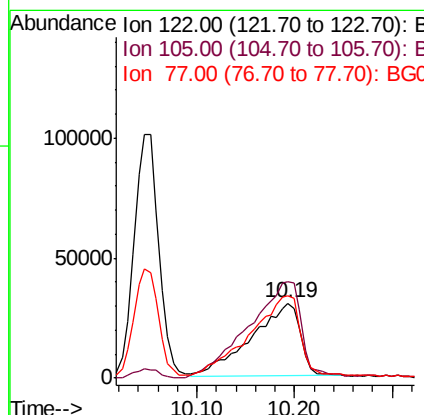
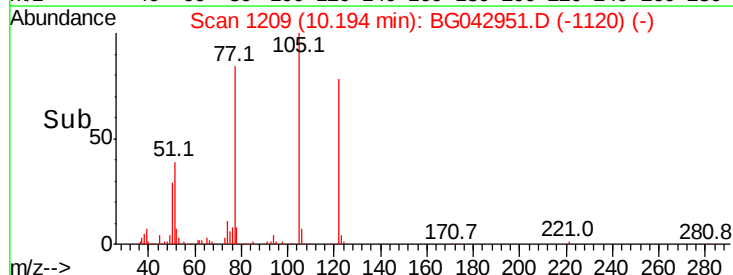
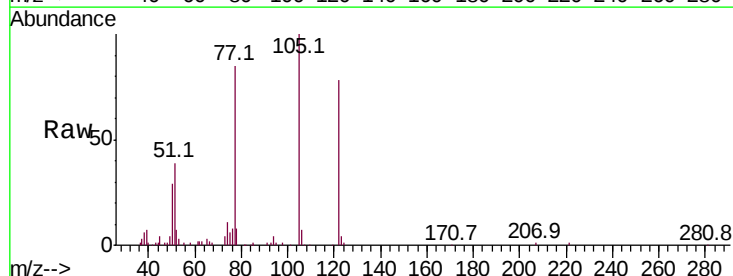
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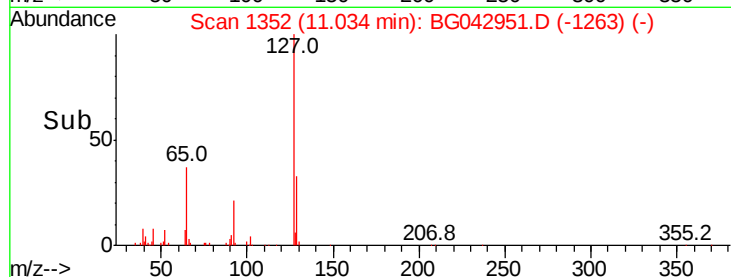
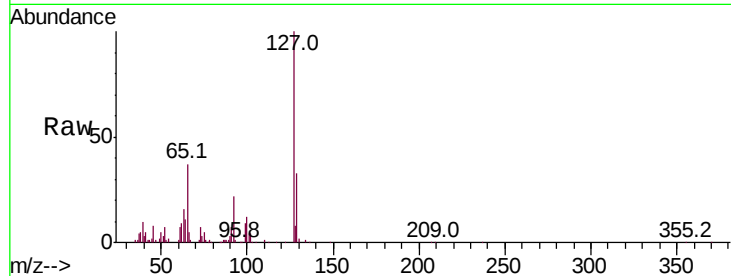
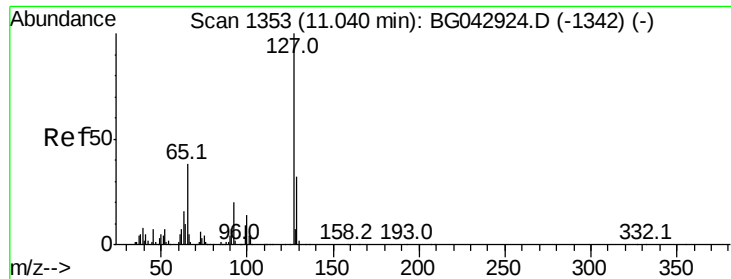
mohammad
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#32
Benzoic acid
Concen: 42.229 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	106185		
105	128.3		107.5	147.5
77	108.9		79.8	119.8





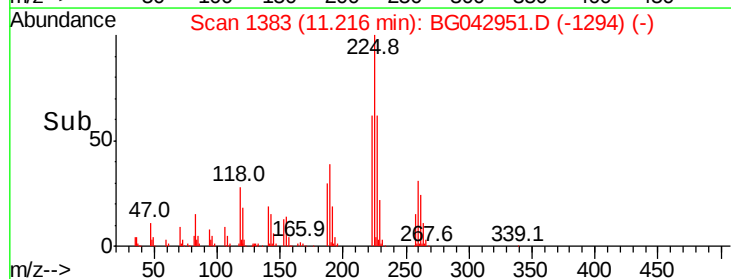
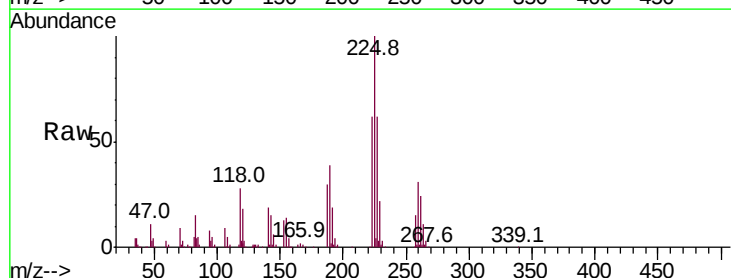
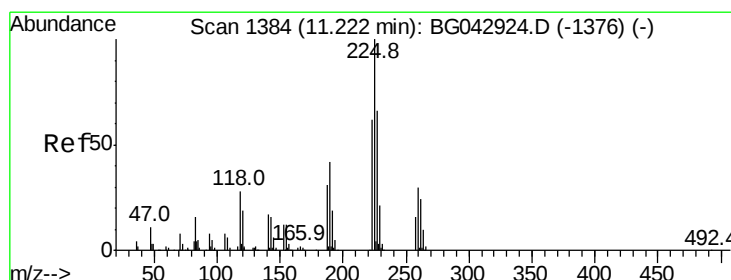
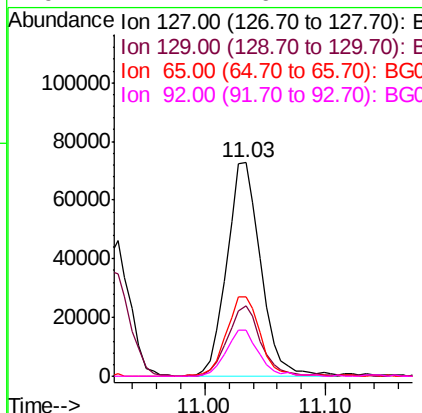
#33
4-Chloroaniline
Concen: 25.543 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :
PB123480BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.1	26.2	39.2	
65	36.9	30.6	45.8	
92	21.7	16.2	24.4	

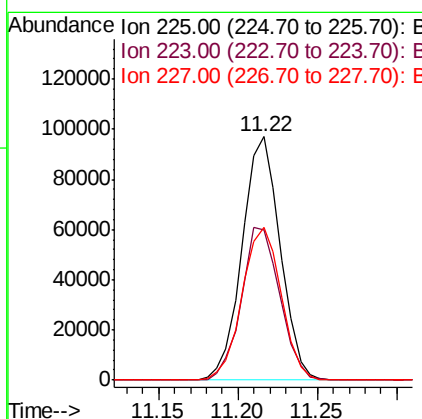
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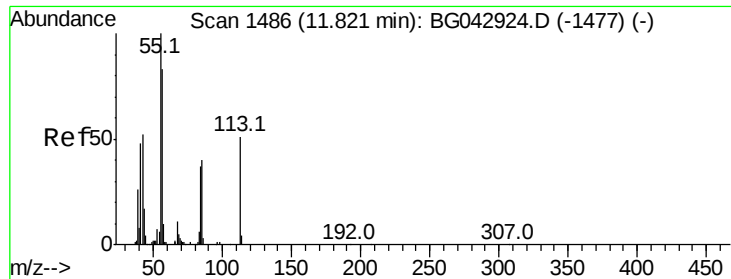
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#34
Hexachlorobutadiene
Concen: 40.555 ng
RT: 11.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	49.3	73.9	
227	62.5	52.8	79.2	





#35

Caprolactam

Concen: 43.422 ng/ml

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

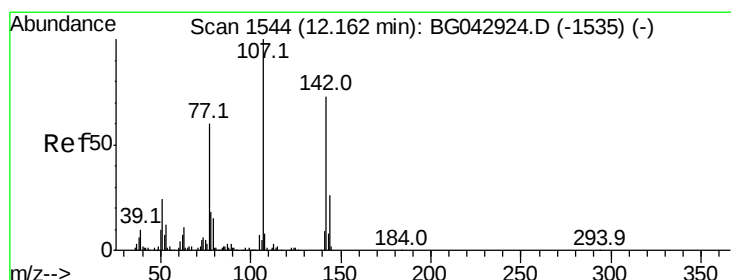
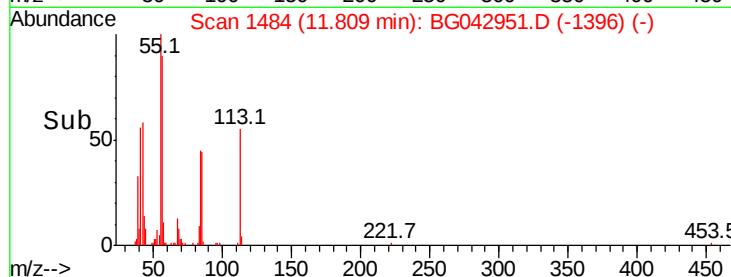
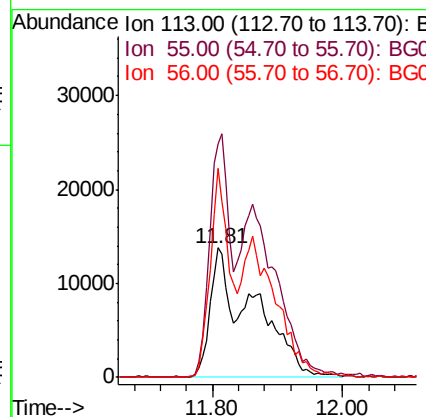
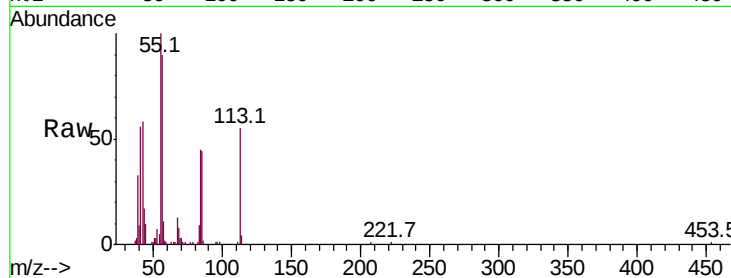
ClientSampleId :

PB123480BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	181.0	175.5	215.5
56	162.3	142.3	182.3

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#36

4-Chloro-3-methylphenol

Concen: 47.900 ng/ml

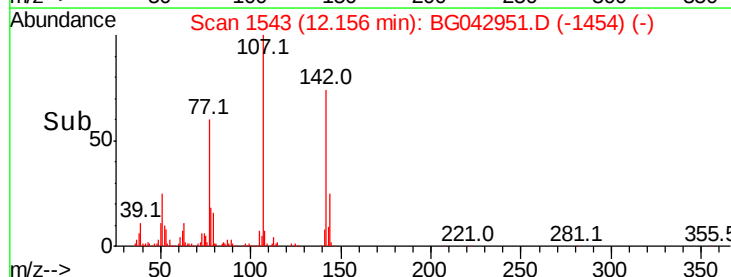
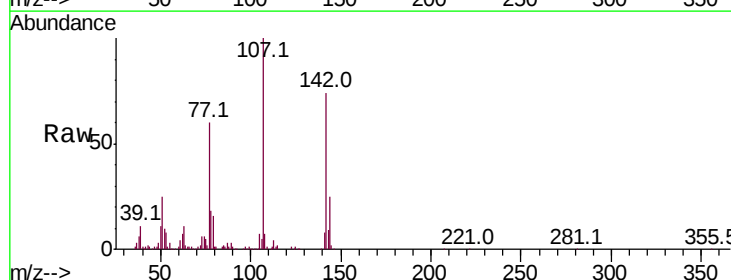
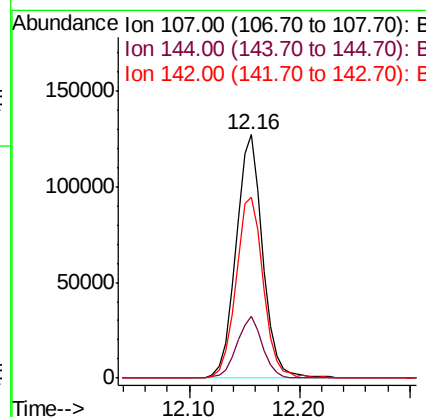
RT: 12.16 min Scan# 1543

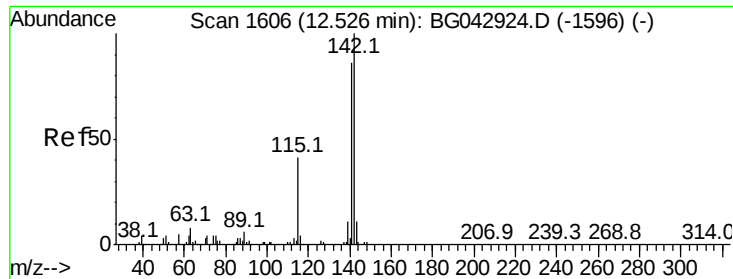
Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.7	31.1
142	74.4	58.6	87.8





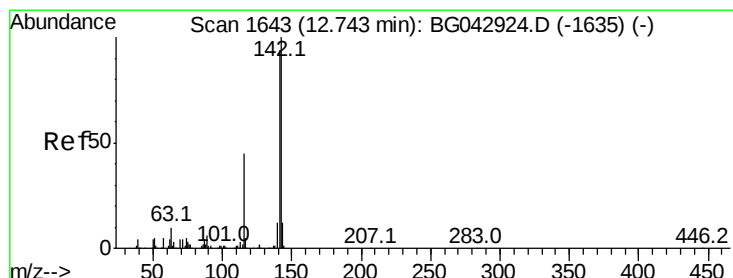
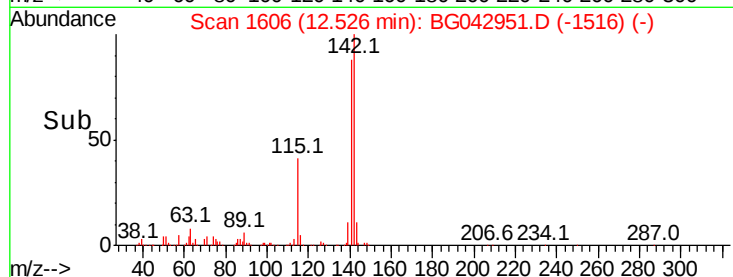
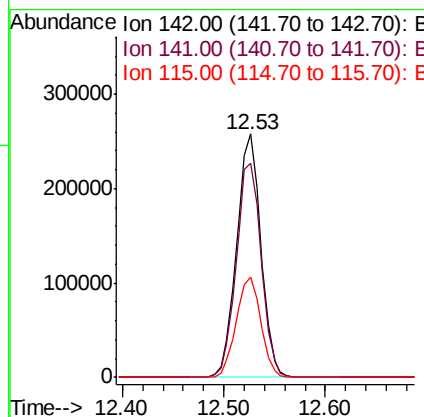
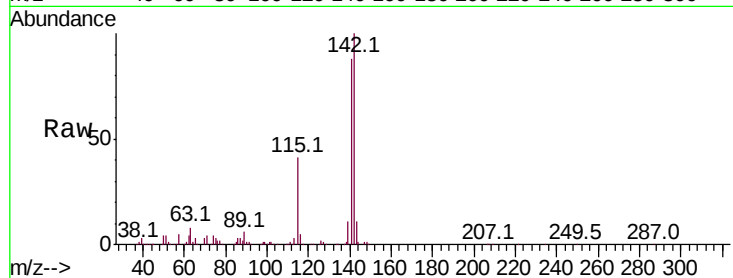
#37
 2-Methylnaphthalene
 Concen: 43.897 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :
 PB123480BS

Tot Ion:	142	Resp:	426221
Ion Ratio	Lower	Upper	
142	100		
141	88.0	69.0	103.4
115	41.4	32.8	49.2

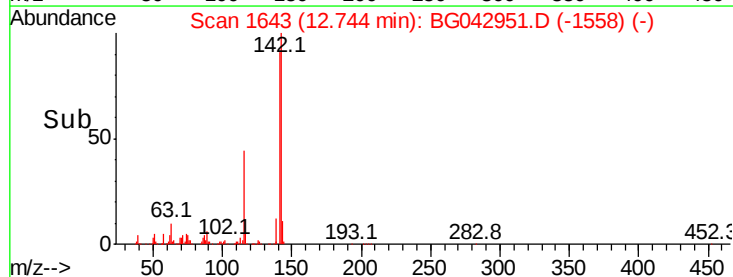
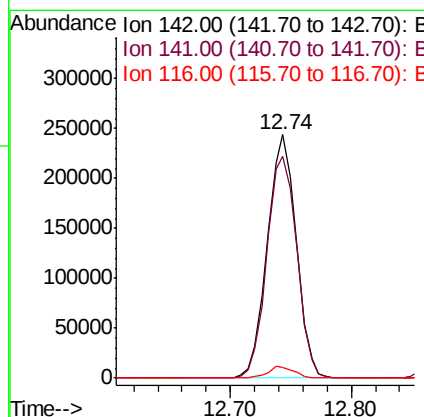
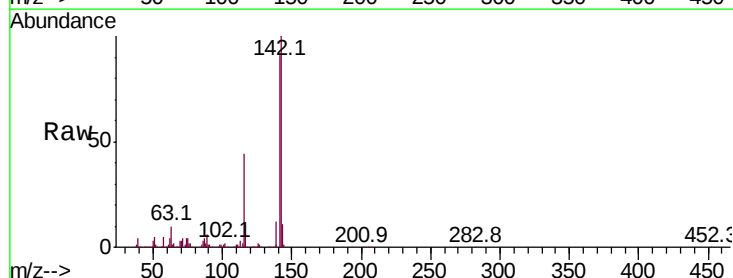
Manual Integrations
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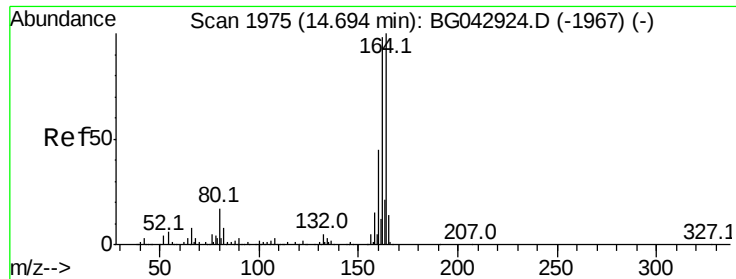
mohammad
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#38
 1-Methylnaphthalene
 Concen: 43.772 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. 0.00 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Tgt Ion:	142	Resp:	402157
Ion Ratio	Lower	Upper	
142	100		
141	91.0	74.9	112.3
116	4.5	3.7	5.5





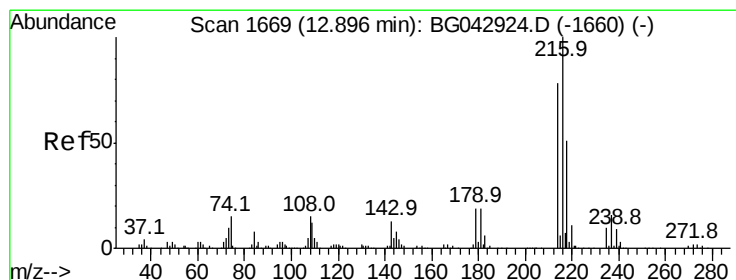
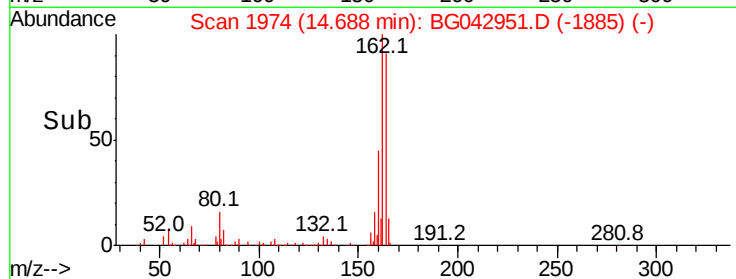
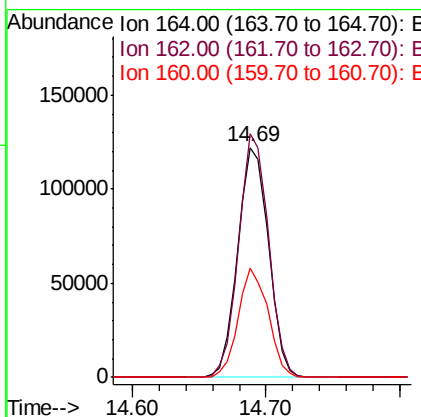
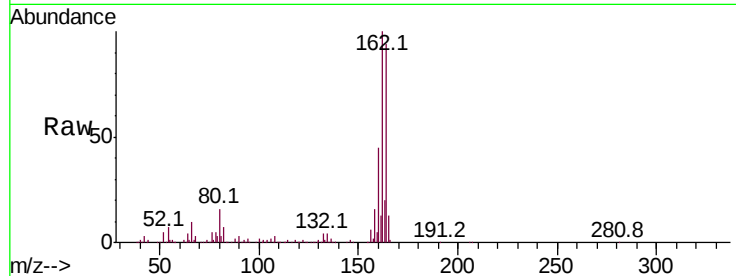
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :
PB123480BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	194952		
162	106.1	78.5	117.7	
160	47.4	35.9	53.9	

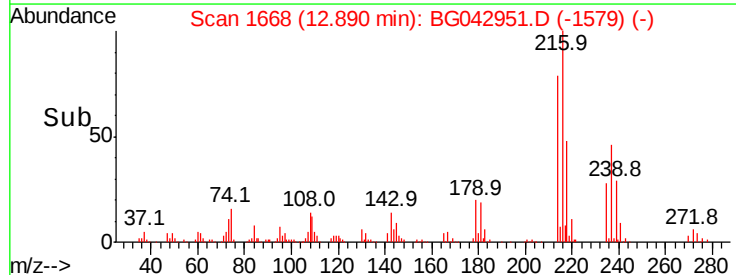
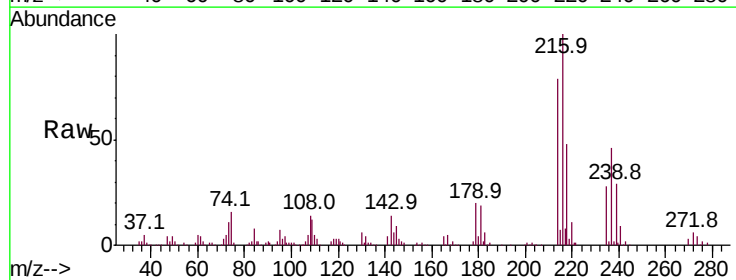
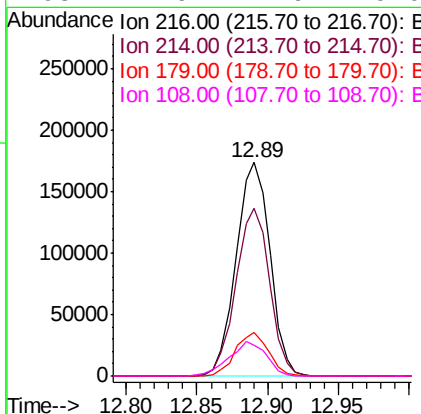
Manual Integrations
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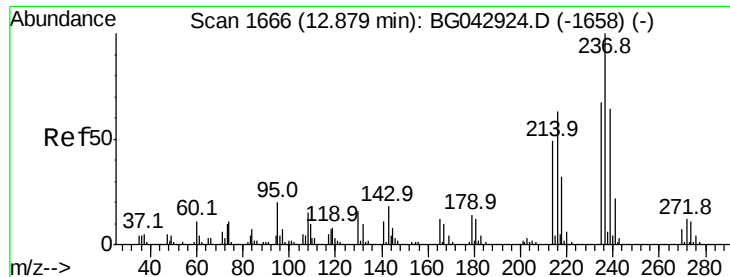
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.758 ng
RT: 12.89 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	291428		
214	78.2	62.4	93.6	
179	20.0	15.4	23.2	
108	17.6	12.6	19.0	





#41

Hexachlorocyclopentadiene

Concen: 83.748 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

PB123480BS

Tot Ion:237 Resp: 391135

Ion Ratio Lower Upper

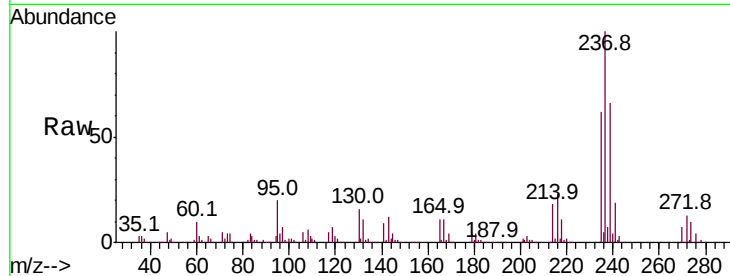
237 100

235 62.0 46.7 86.7

272 12.8 0.0 32.3

Manual Integrations
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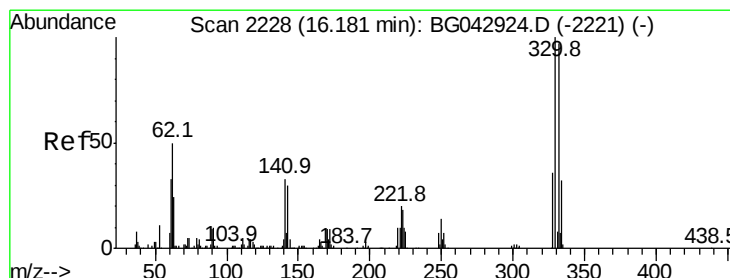
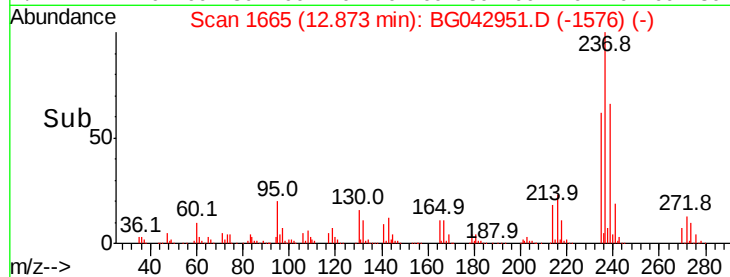
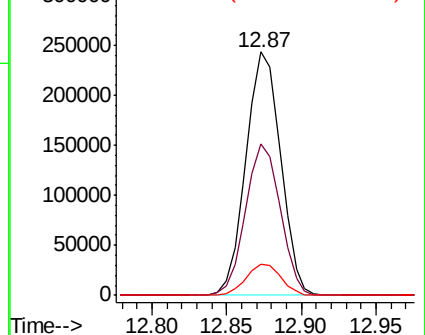
mohammad
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Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 110.165 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

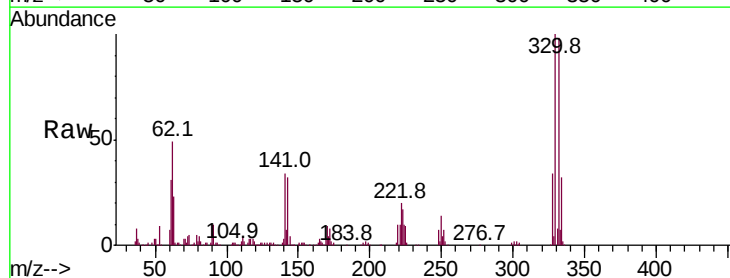
Tgt Ion:330 Resp: 369307

Ion Ratio Lower Upper

330 100

332 96.5 78.2 117.2

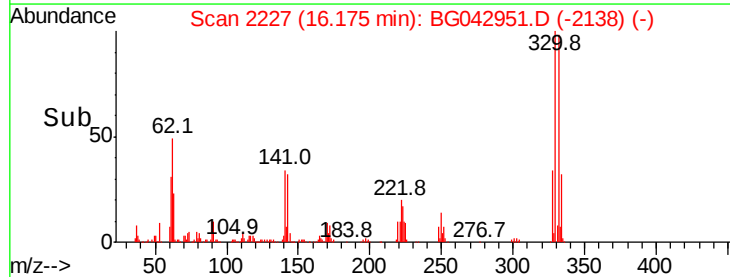
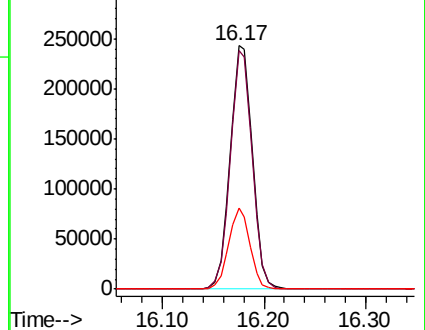
141 32.2 26.0 39.0

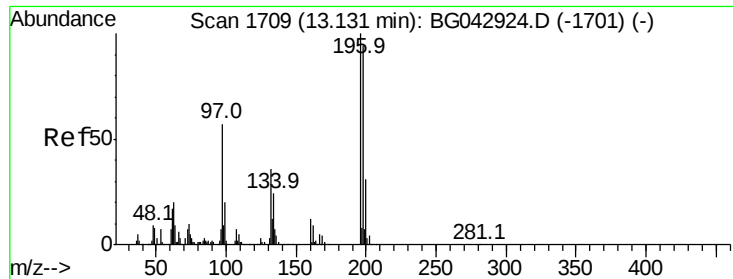


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





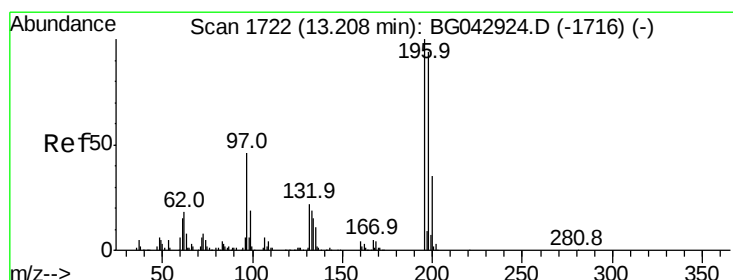
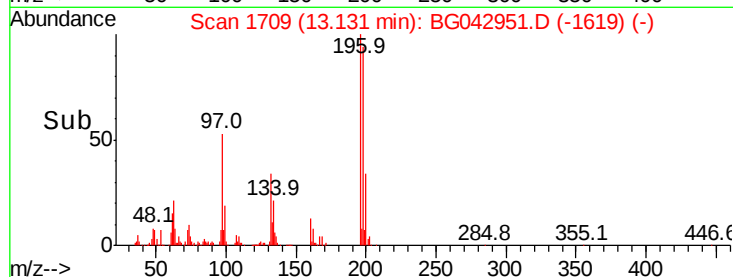
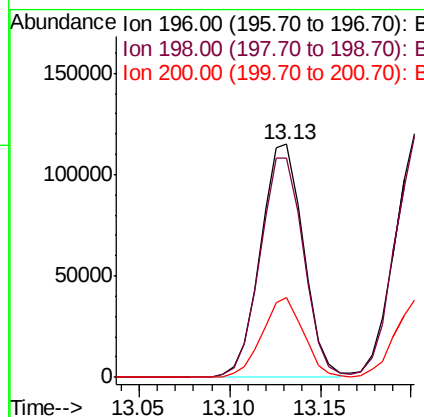
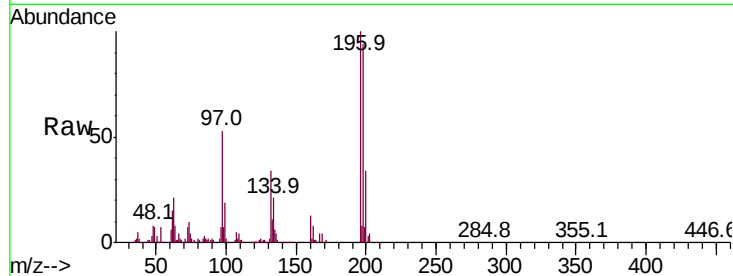
#43
2,4,6-Trichlorophenol
Concen: 44.076 ng
RT: 13.13 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :
PB123480BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	189101		
198	93.9	75.5	113.3	
200	34.2	24.9	37.3	

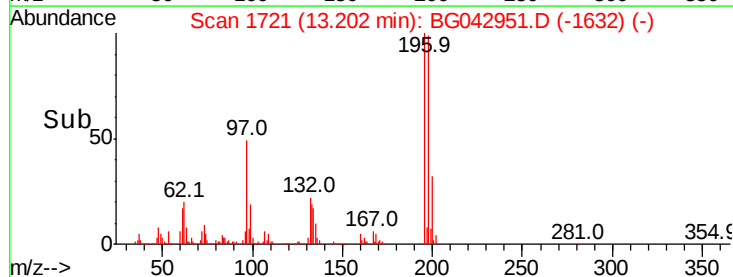
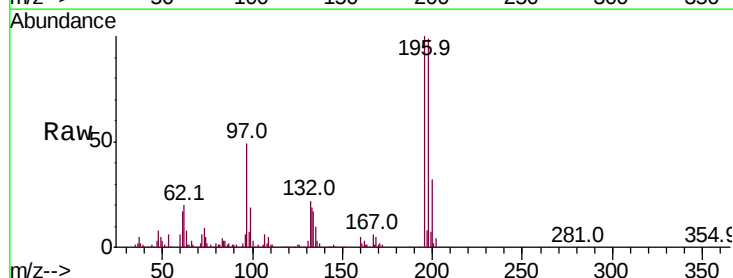
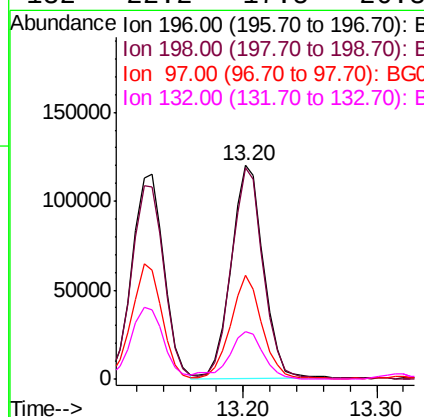
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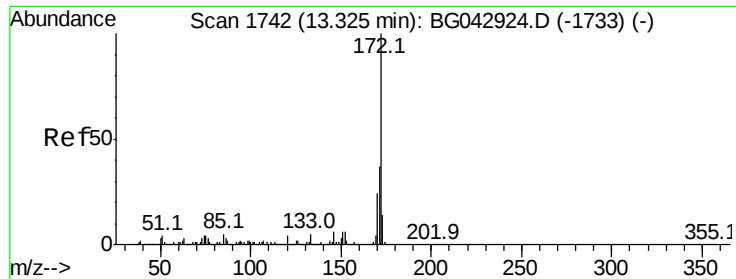
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 45.712 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	202032		
198	98.8	75.1	112.7	
97	48.7	37.0	55.4	
132	22.2	17.5	26.3	





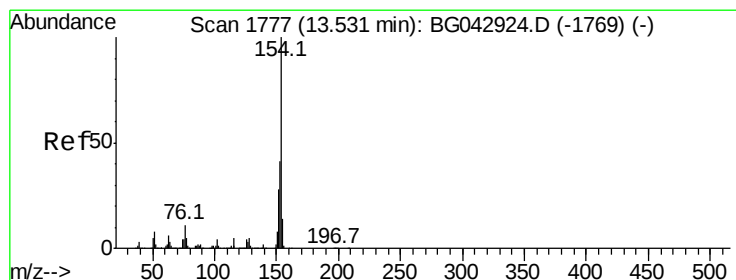
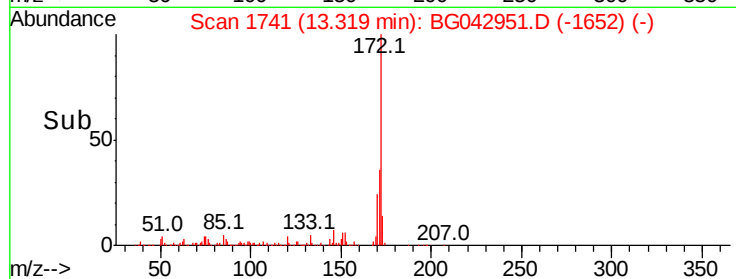
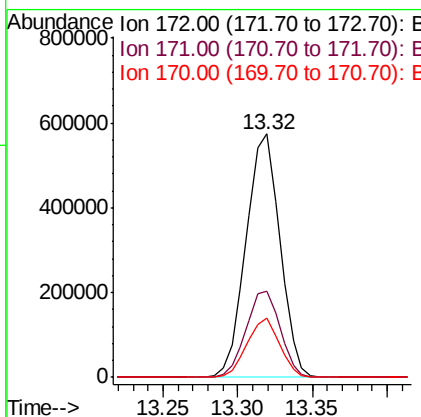
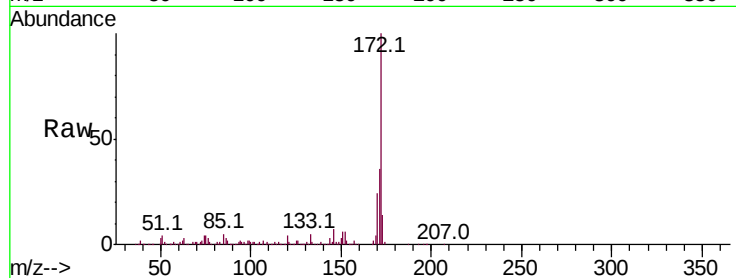
#45
2-Fluorobiphenyl
Concen: 66.957 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :
PB123480BS

Tot Ion:	172	Resp:	900417
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.6	44.4
170	24.3	19.6	29.4

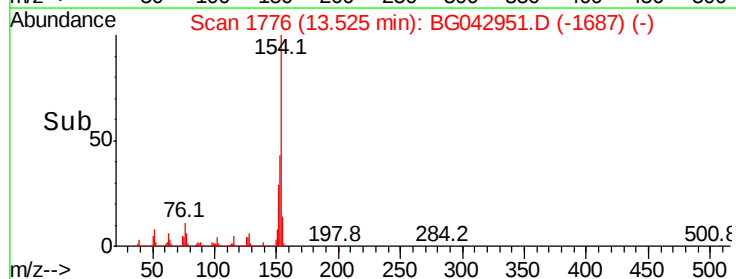
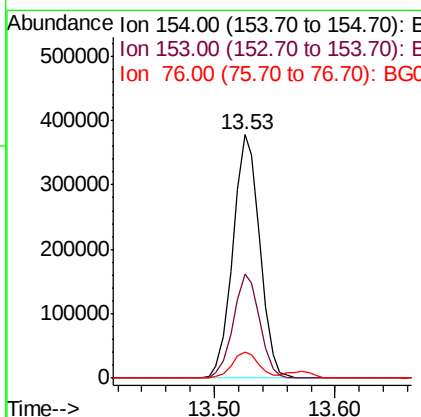
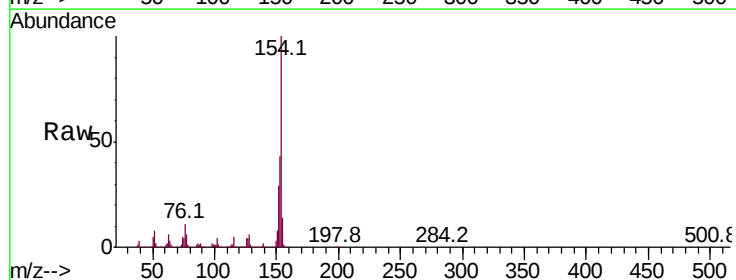
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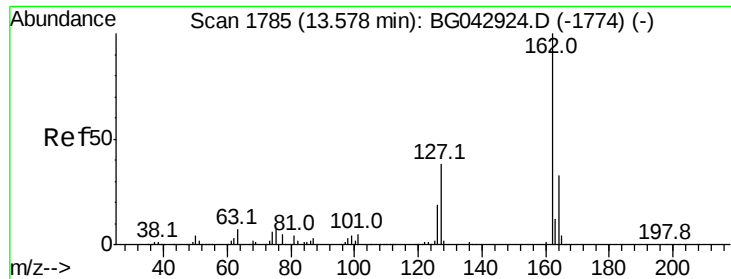
mohammad
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#46
1,1'-Biphenyl
Concen: 39.537 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion:	154	Resp:	584525
Ion Ratio	Lower	Upper	
154	100		
153	42.5	21.4	61.4
76	10.8	0.0	31.3





#47

2-Chloronaphthalene

Concen: 41.639 ng

RT: 13.57 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BG042951.D

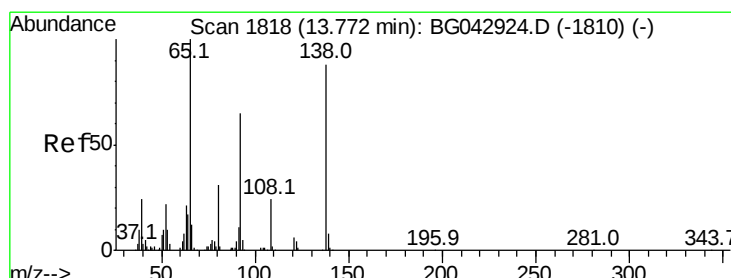
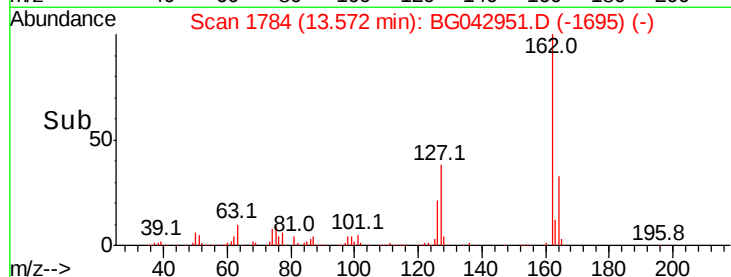
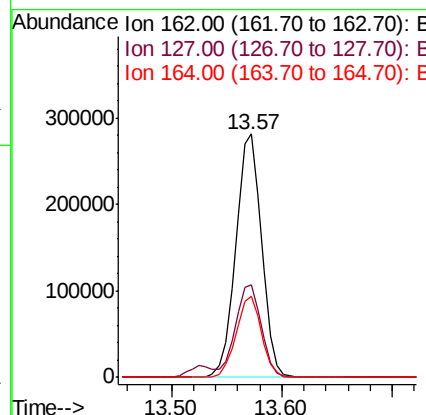
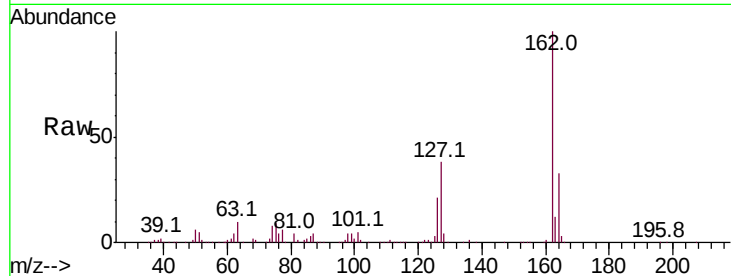
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :
PB123480BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	461540		
127	38.0	31.0	46.6	
164	33.2	26.2	39.2	

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#48

2-Nitroaniline

Concen: 41.389 ng

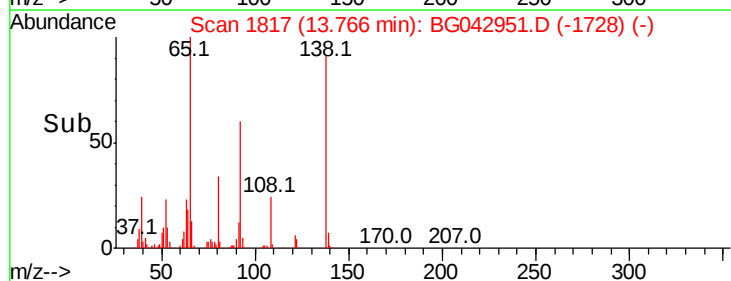
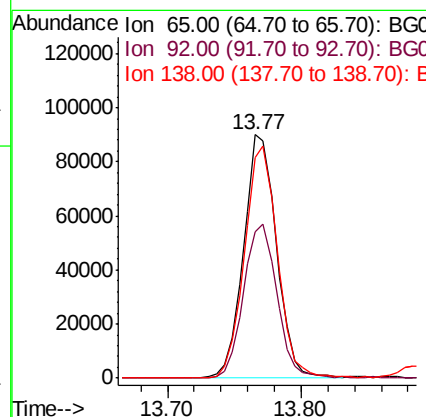
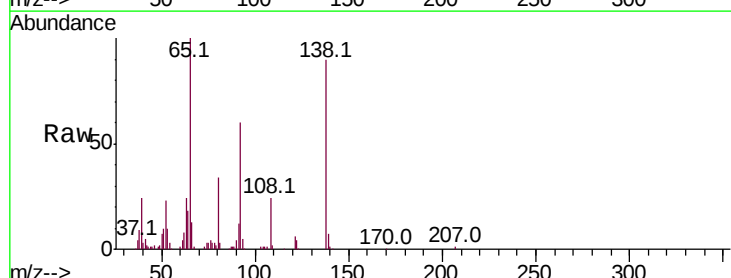
RT: 13.77 min Scan# 1817

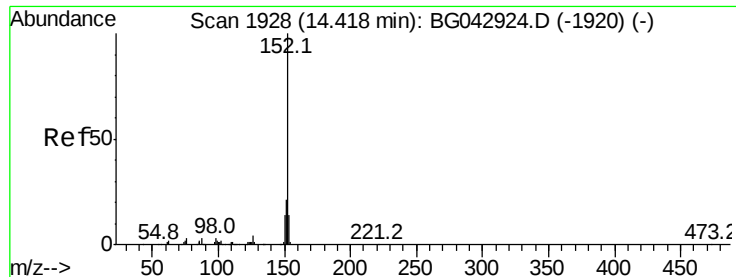
Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	152561		
92	59.9	52.0	78.0	
138	90.4	70.4	105.6	





#49

Acenaphthylene

Concen: 43.890 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

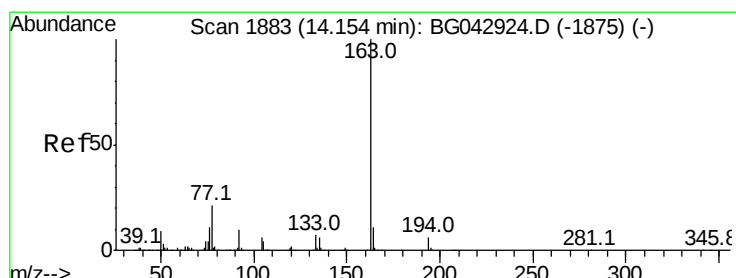
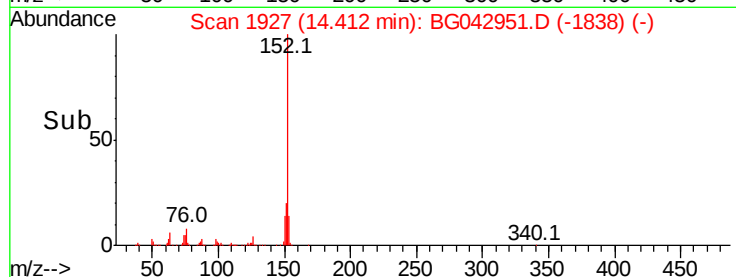
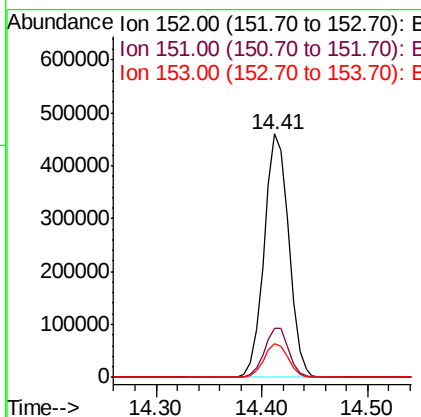
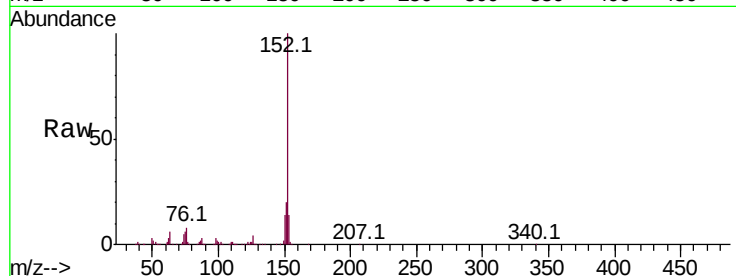
ClientSampleId :

PB123480BS

Tot Ion:	152	Resp:	744414
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.8	25.2
153	14.0	11.3	16.9

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#50

Dimethylphthalate

Concen: 41.610 ng

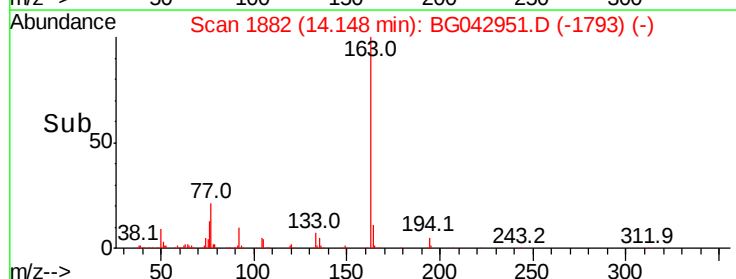
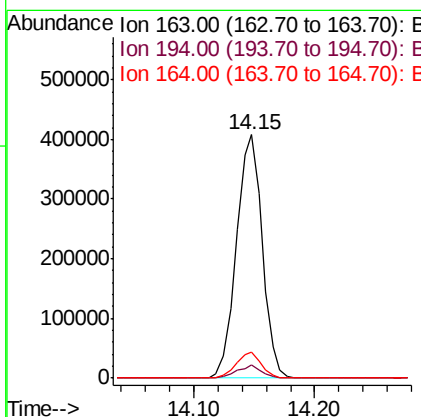
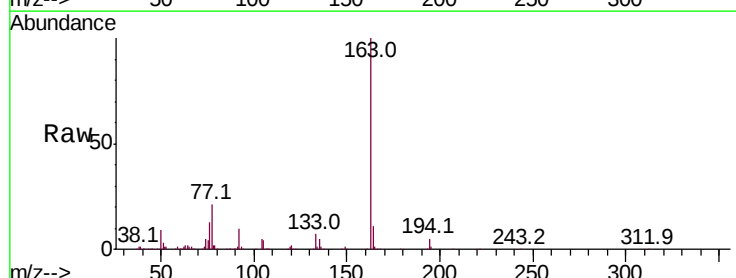
RT: 14.15 min Scan# 1882

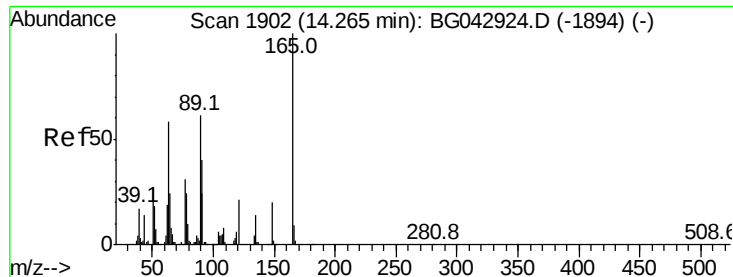
Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Tgt Ion:	163	Resp:	607802
Ion Ratio	Lower	Upper	
163	100		
194	5.3	4.4	6.6
164	10.8	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 45.454 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

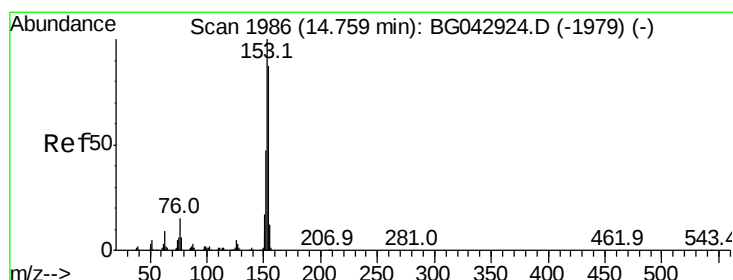
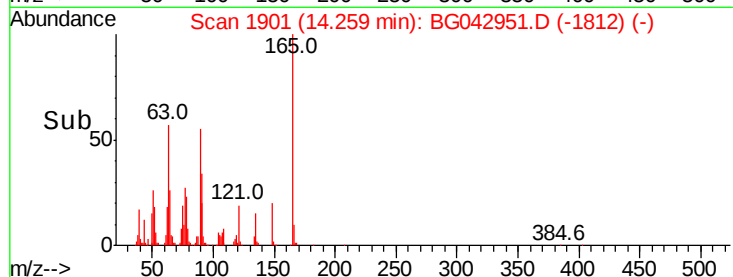
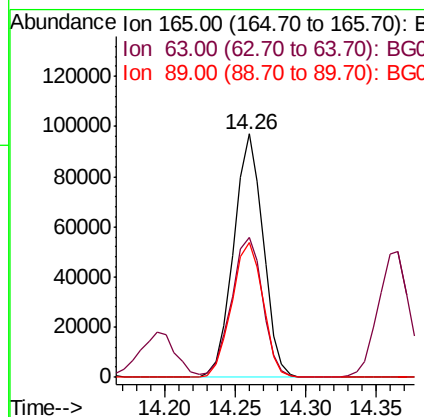
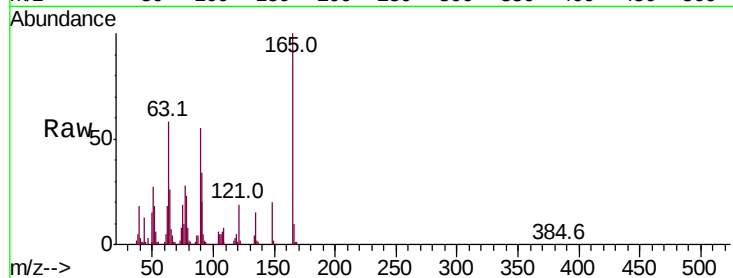
ClientSampleId :

PB123480BS

Tot Ion:	165	Resp:	141392
Ion Ratio	Lower	Upper	
165	100		
63	57.5	50.3	75.5
89	55.2	48.9	73.3

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#52

Acenaphthene

Concen: 41.244 ng

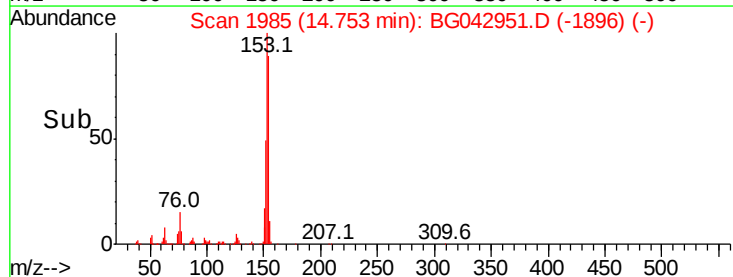
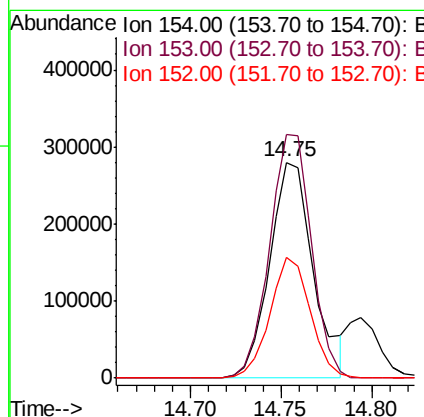
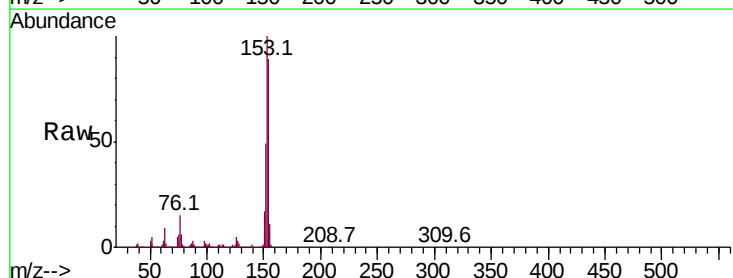
RT: 14.75 min Scan# 1985

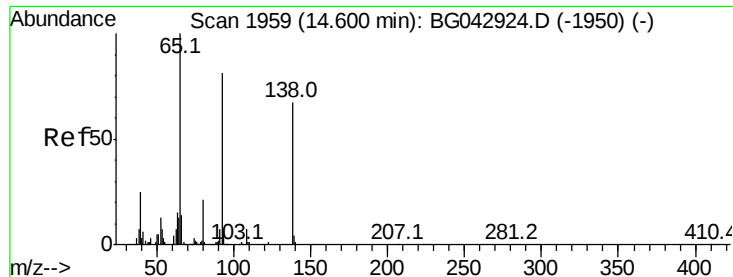
Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Tgt Ion:	154	Resp:	468229
Ion Ratio	Lower	Upper	
154	100		
153	112.9	91.4	137.0
152	55.8	42.8	64.2





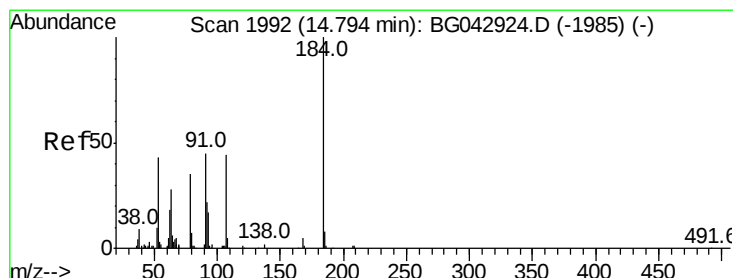
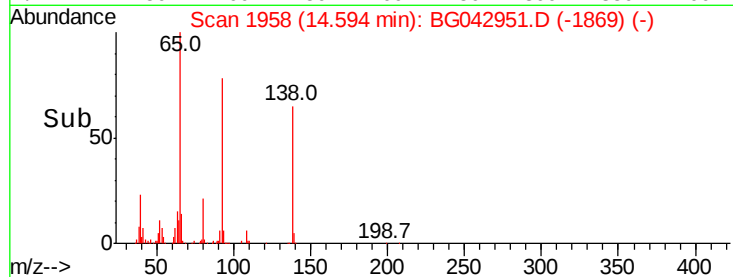
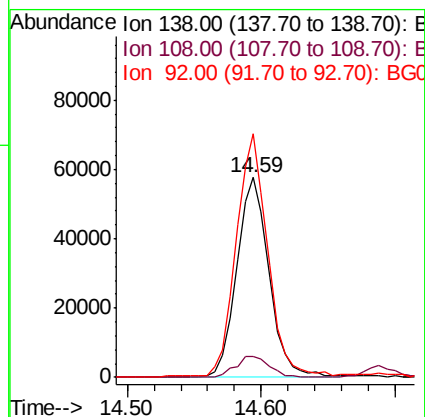
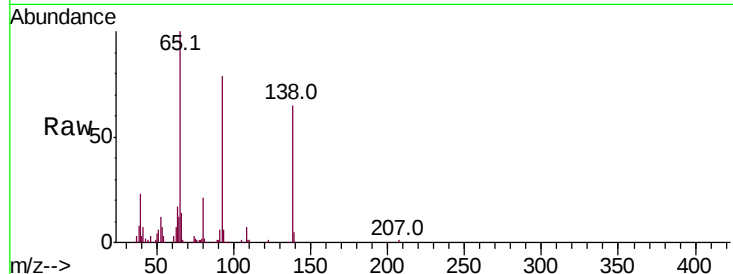
#53
3-Nitroaniline
Concen: 30.046 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :
PB123480BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.9	11.9
92	121.9	97.0	145.6

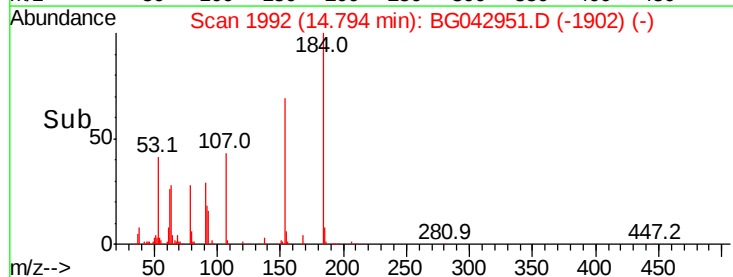
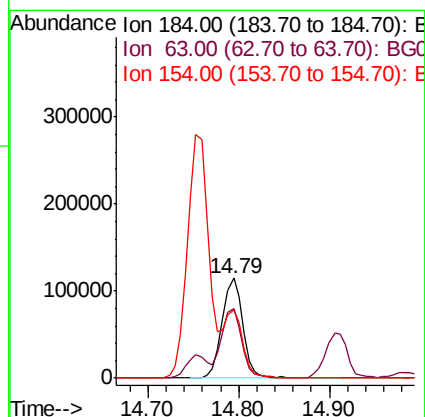
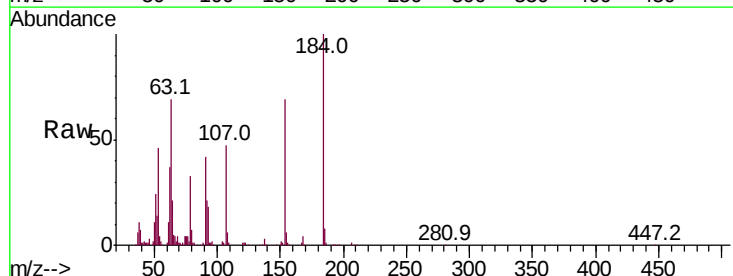
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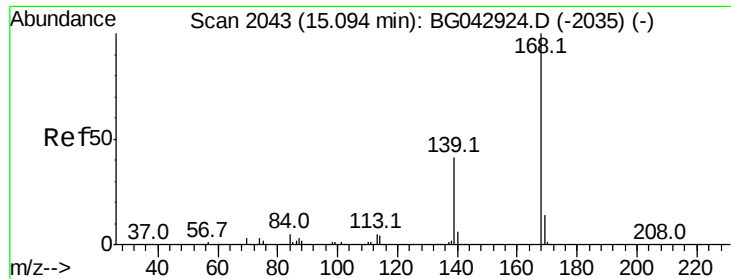
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#54
2,4-Dinitrophenol
Concen: 94.676 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.8	55.0	82.6
154	68.7	56.5	84.7





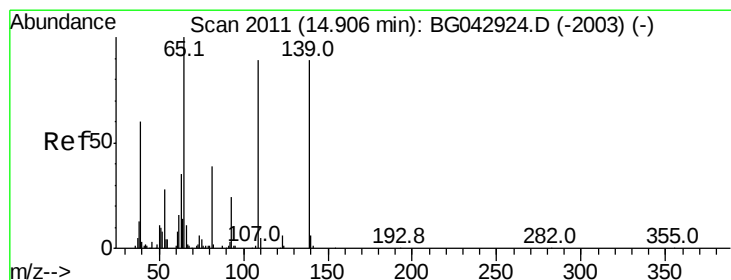
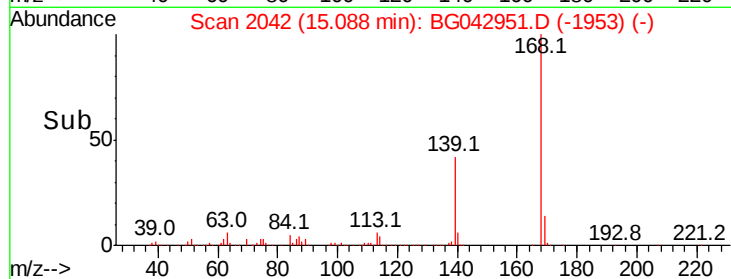
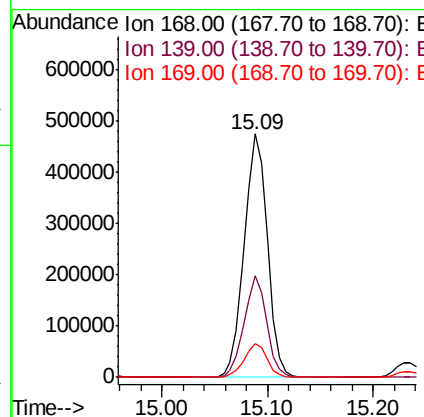
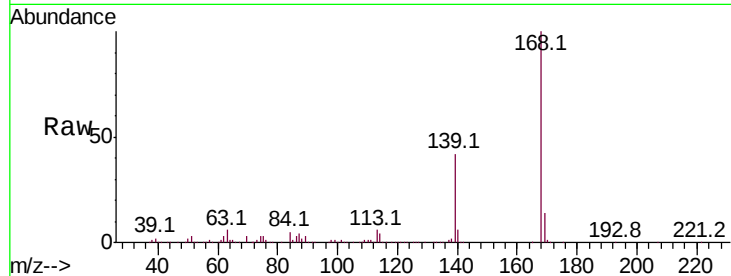
#55
Dibenzofuran
Concen: 42.862 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :
PB123480BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.7	32.6	48.8
169	14.0	11.2	16.8

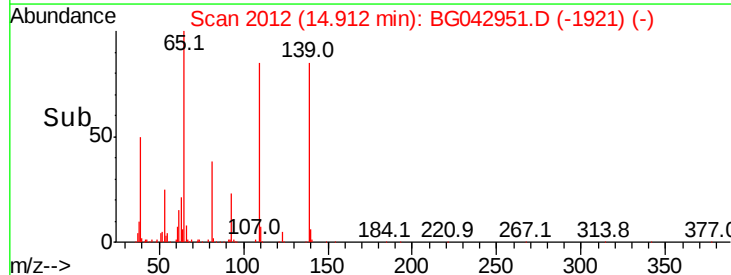
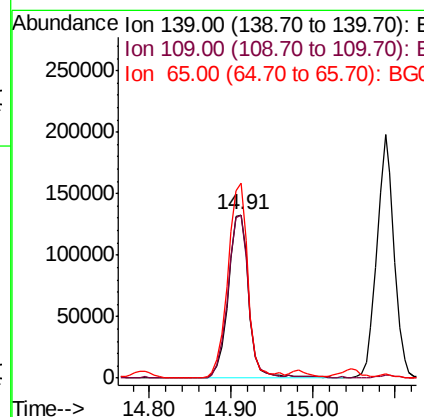
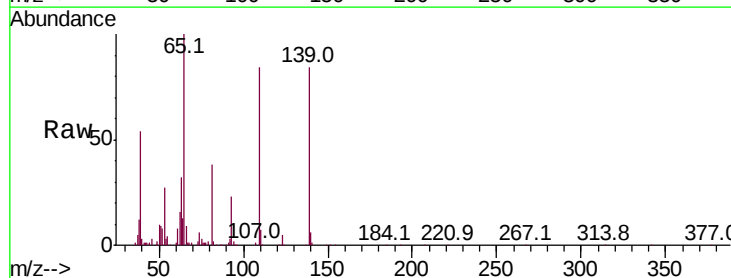
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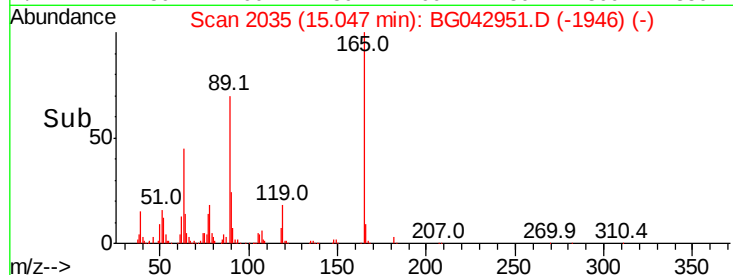
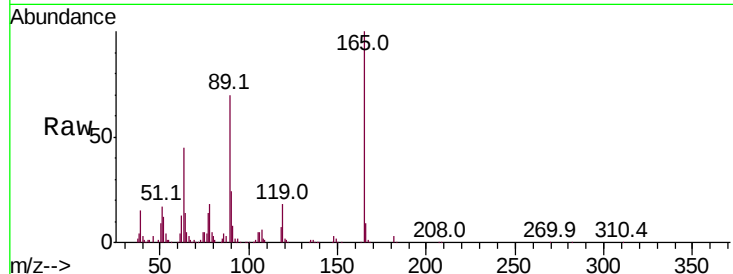
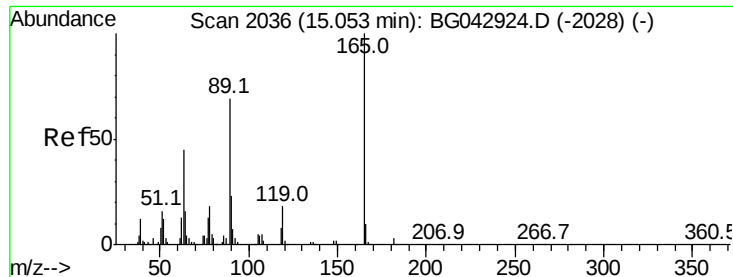
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#56
4-Nitrophenol
Concen: 94.760 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.8	79.4	119.4
65	118.9	92.5	132.5





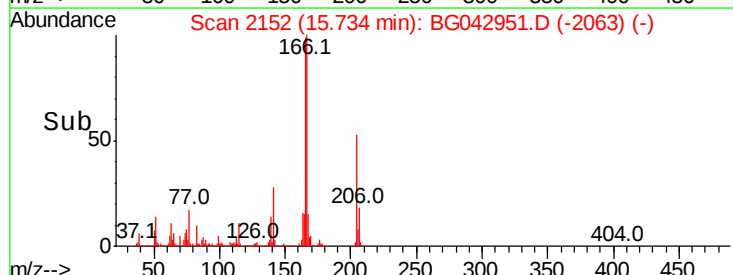
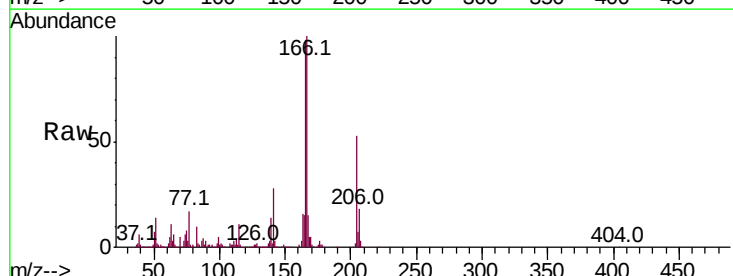
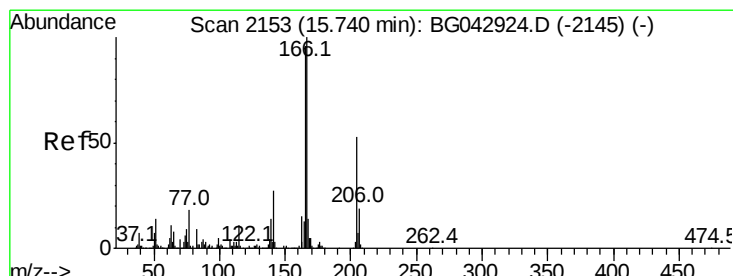
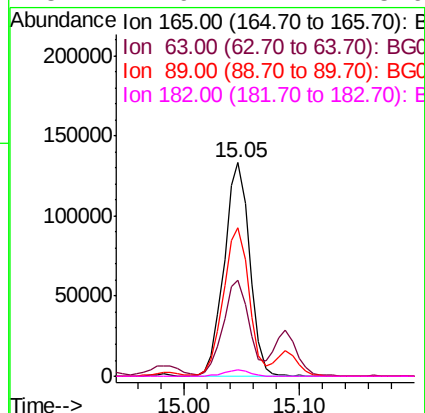
#57
2,4-Dinitrotoluene
Concen: 44.649 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :
PB123480BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.7	36.5	54.7	
89	69.5	55.5	83.3	
182	2.9	2.4	3.6	

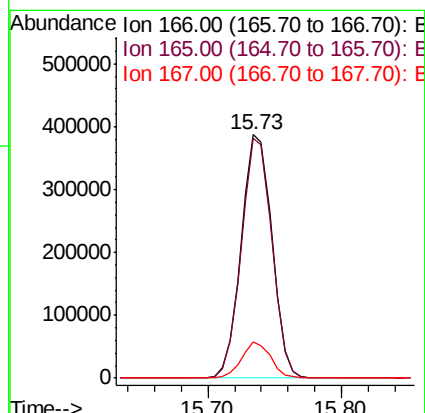
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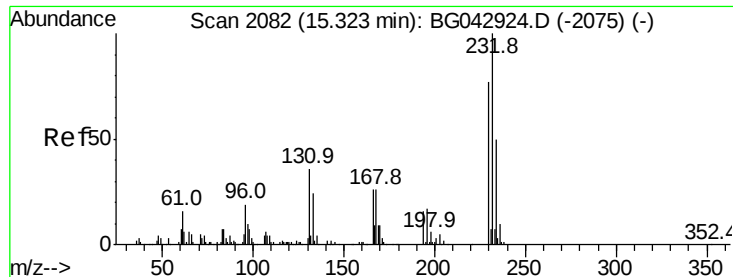
mohammad
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#58
Fluorene
Concen: 42.938 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.4	77.1	115.7	
167	14.8	11.0	16.6	





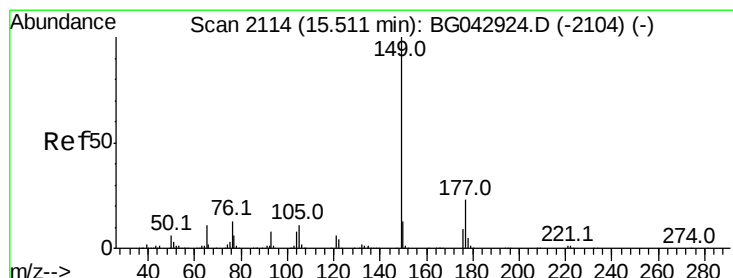
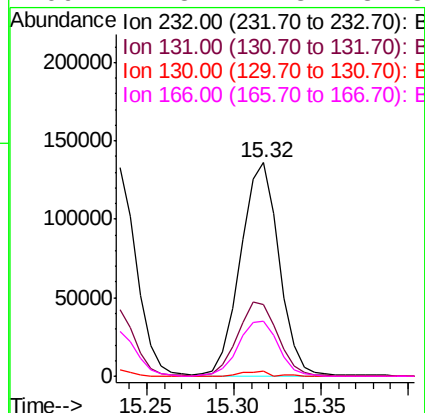
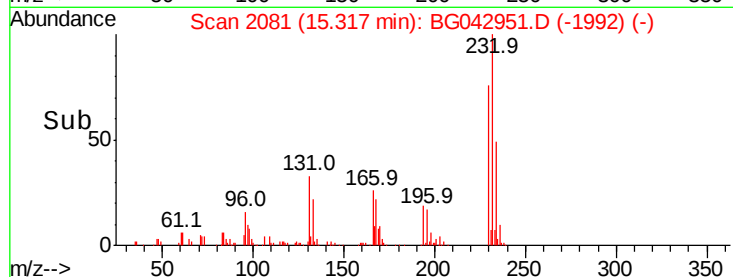
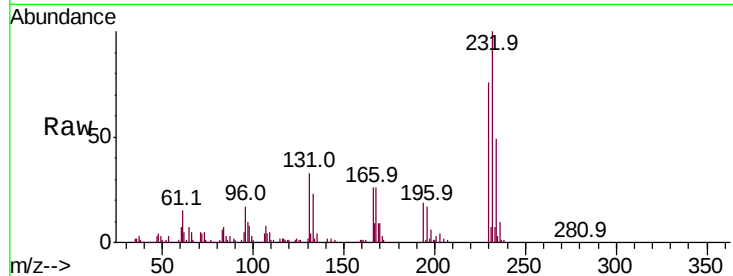
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.766 ng m
 RT: 15.32 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :
 PB123480BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	210660		
131	33.0	29.6	44.4	
130	2.4	1.9	2.9	
166	21.8	21.8	32.8	

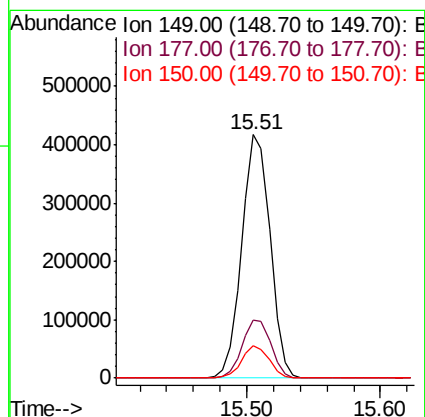
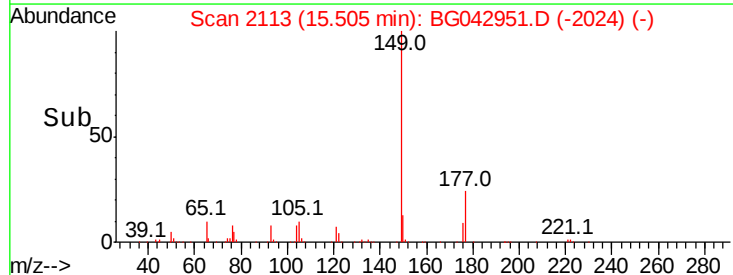
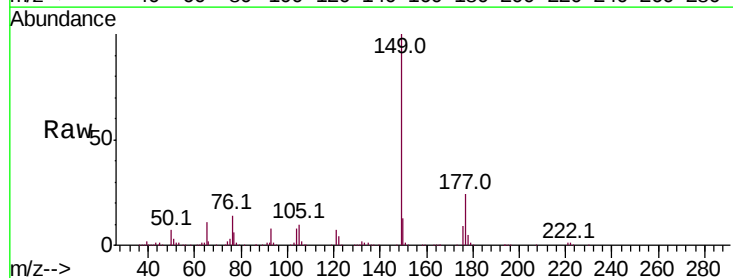
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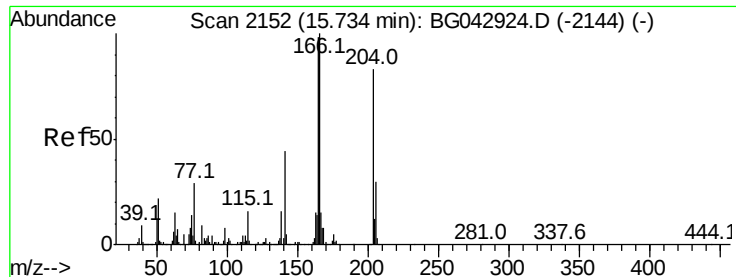
mohammad
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#60
 Diethylphthalate
 Concen: 40.980 ng
 RT: 15.51 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	609201		
177	23.9	18.8	28.2	
150	13.2	10.6	15.8	





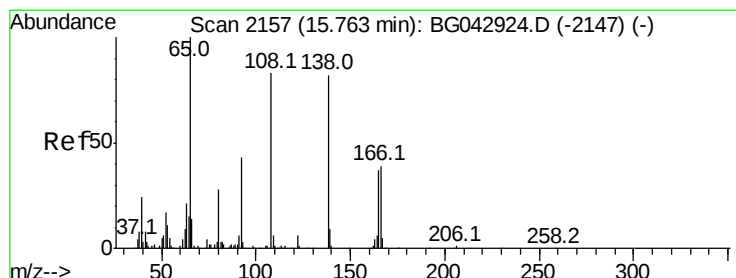
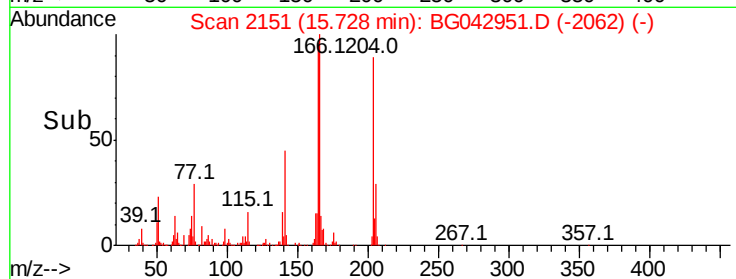
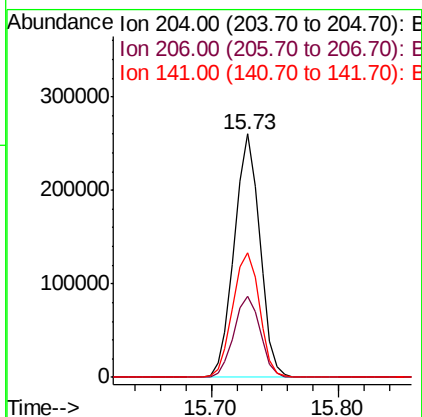
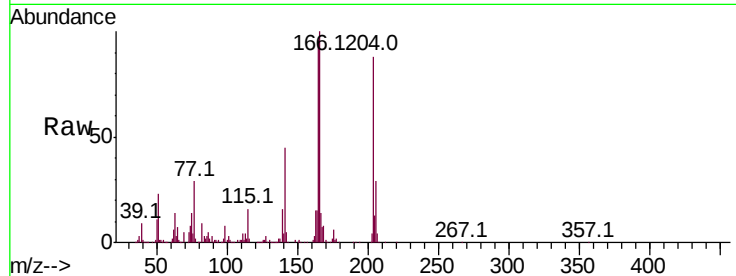
#61
4-Chlorophenyl-phenylether
Concen: 42.241 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :
PB123480BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	363225		
206	33.1	28.5	42.7	
141	51.0	42.4	63.6	

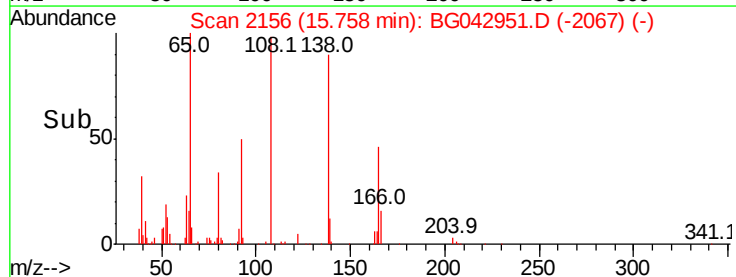
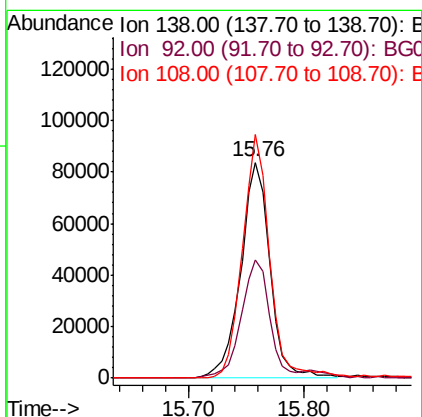
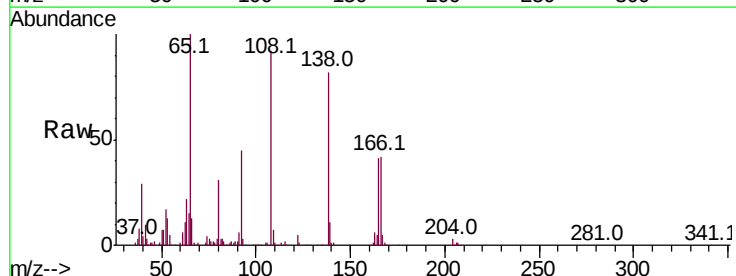
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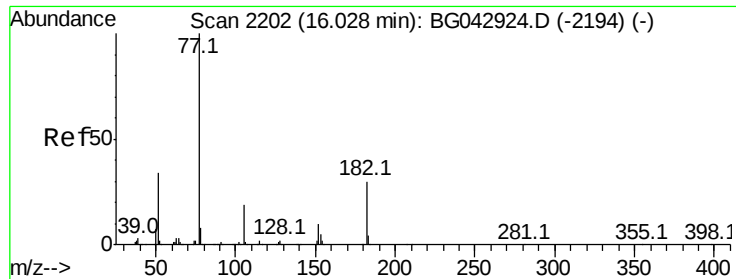
mohammad
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#62
4-Nitroaniline
Concen: 42.084 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	147548		
92	54.9	32.9	72.9	
108	112.8	81.3	121.3	





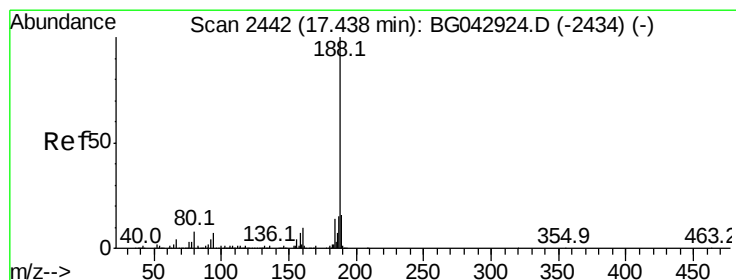
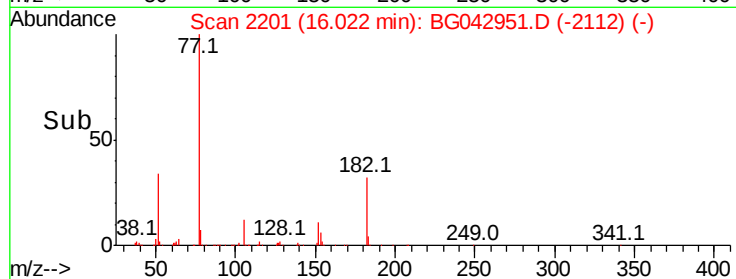
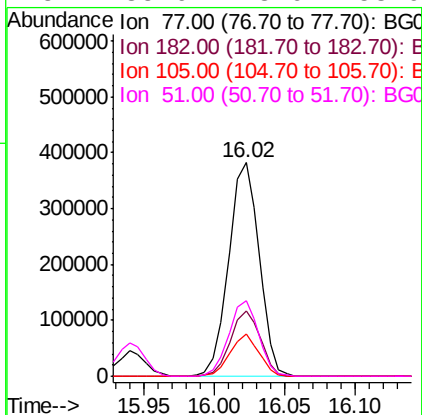
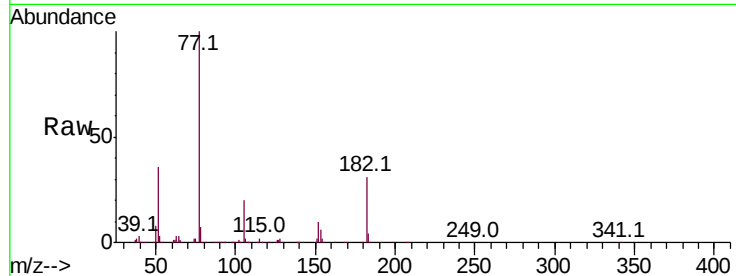
#63
Azobenzene
Concen: 42.420 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :
PB123480BS

Tot Ion:	77	Resp:	574114
Ion Ratio	Lower	Upper	
77	100		
182	30.5	10.2	50.2
105	19.6	0.0	39.1
51	35.6	13.9	53.9

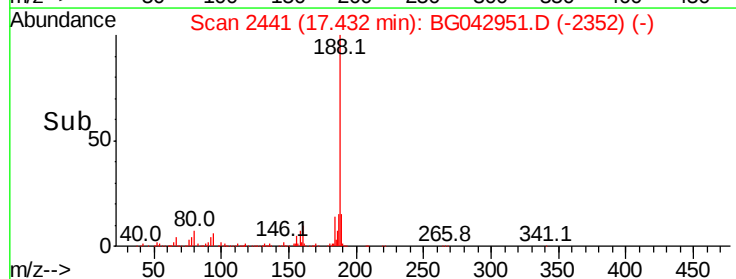
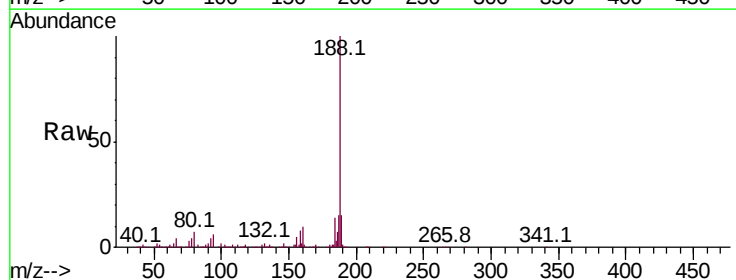
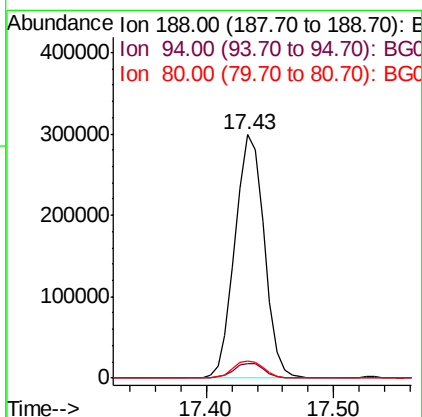
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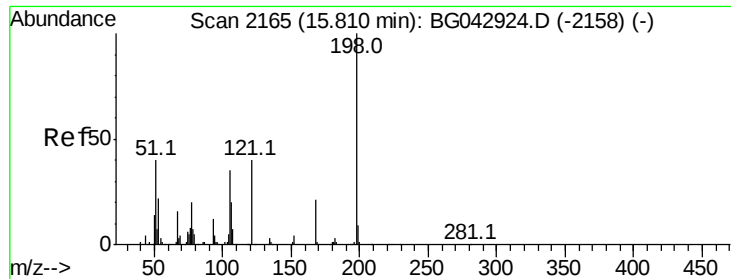
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion:	188	Resp:	477879
Ion Ratio	Lower	Upper	
188	100		
94	5.9	5.7	8.5
80	6.9	6.5	9.7





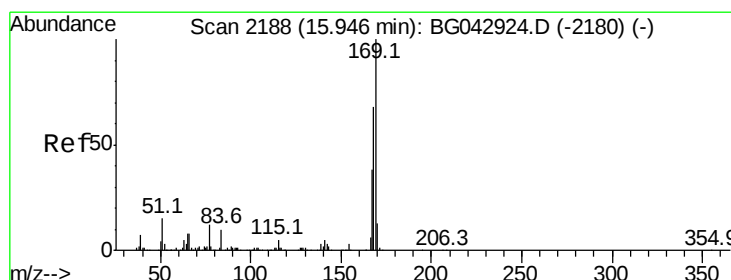
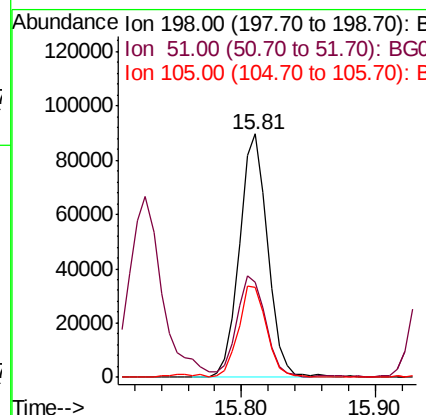
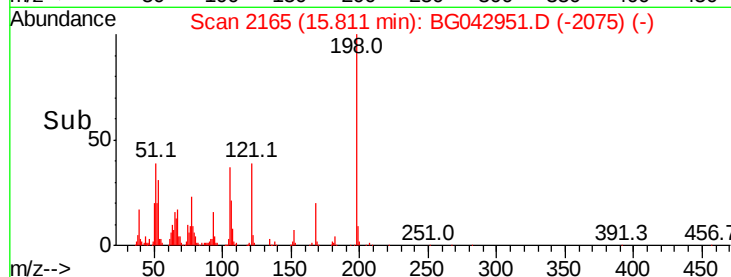
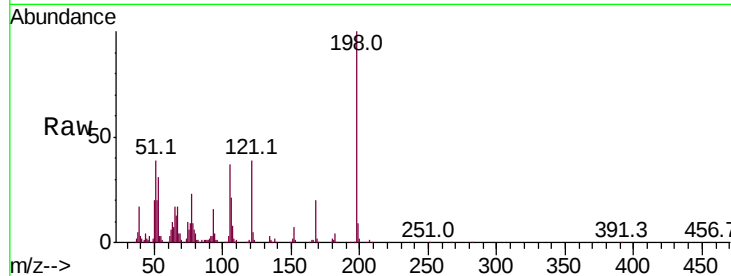
#65
4,6-Dinitro-2-methylphenol
Concen: 48.619 ng
RT: 15.81 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :
PB123480BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	131474		
51	39.3	25.3	65.3	
105	37.1	16.6	56.6	

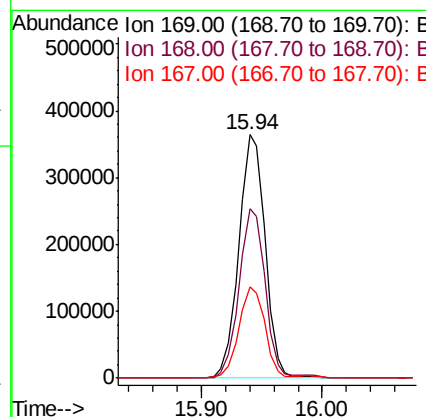
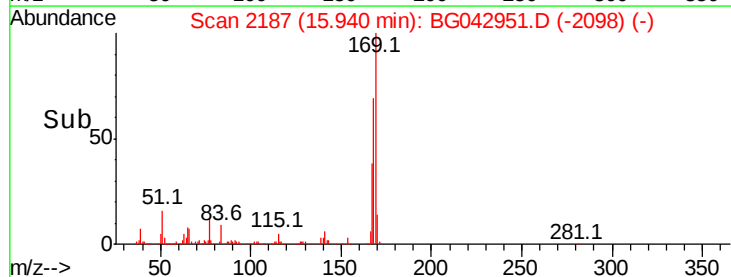
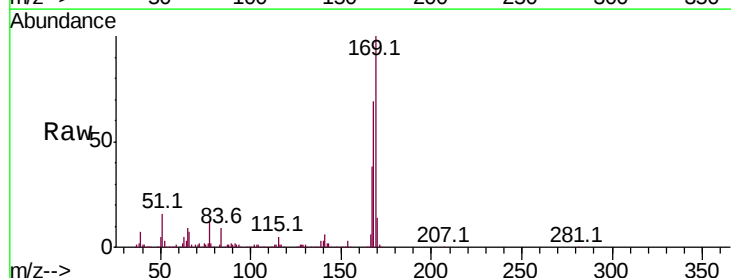
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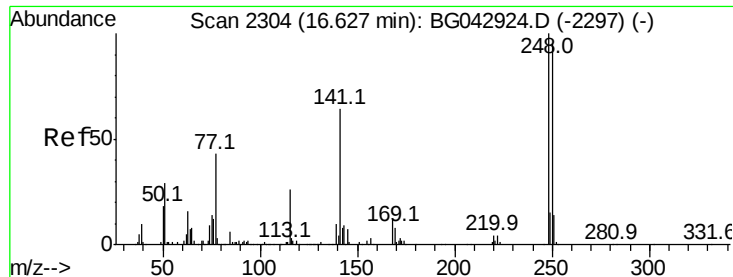
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 43.730 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	551675		
168	69.3	54.8	82.2	
167	37.6	30.6	46.0	





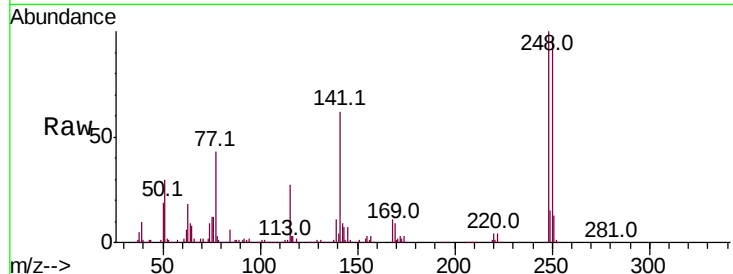
#67
4-Bromophenyl-phenylether
Concen: 41.912 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :
PB123480BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	75.8	113.8
141	62.0	51.1	76.7

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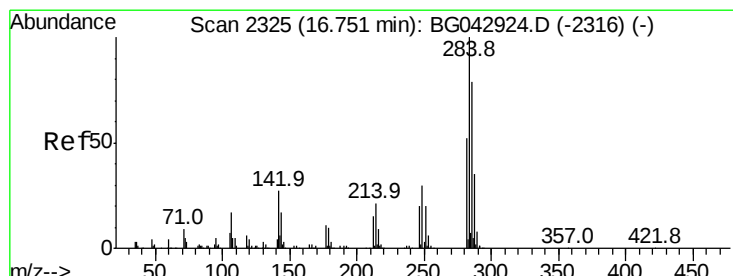
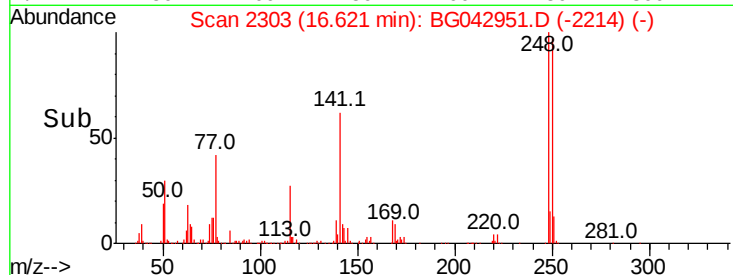
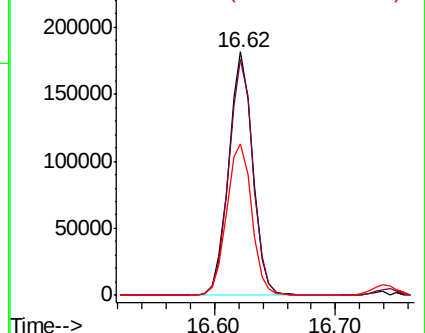


Abundance

Ion 248.00 (247.70 to 248.70): E

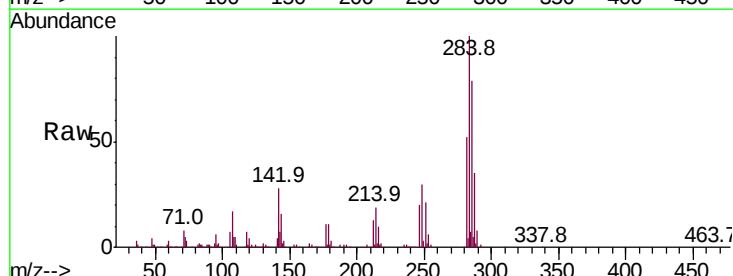
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.918 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.7	21.6	32.4
249	29.5	24.1	36.1

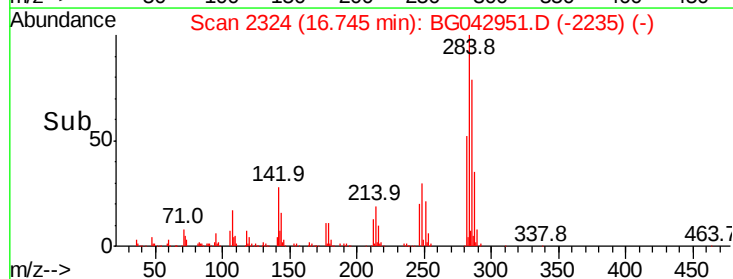
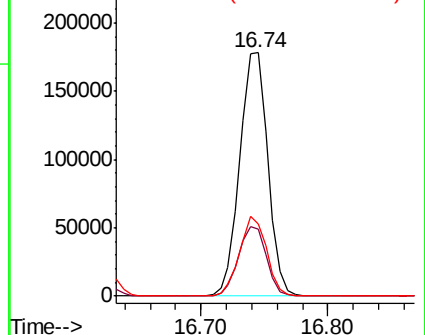


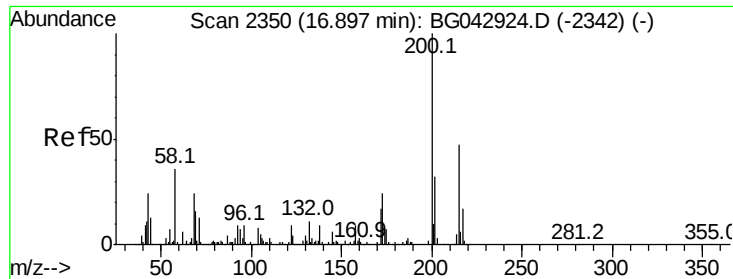
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





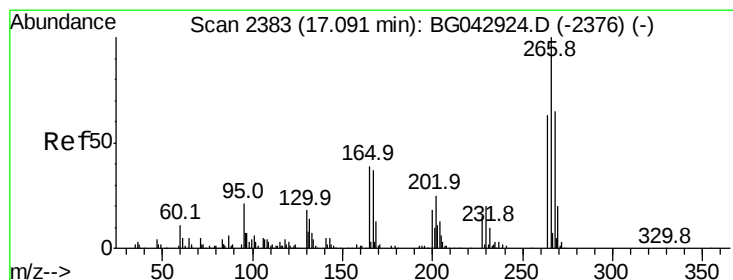
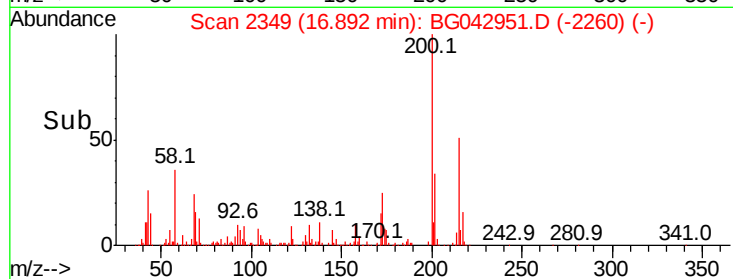
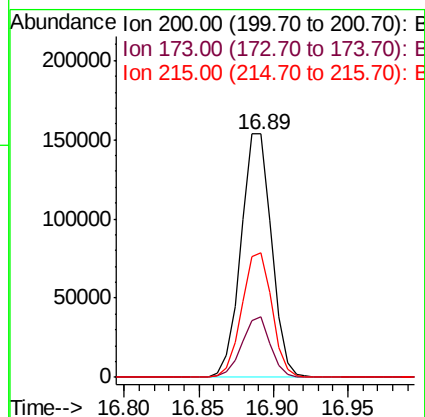
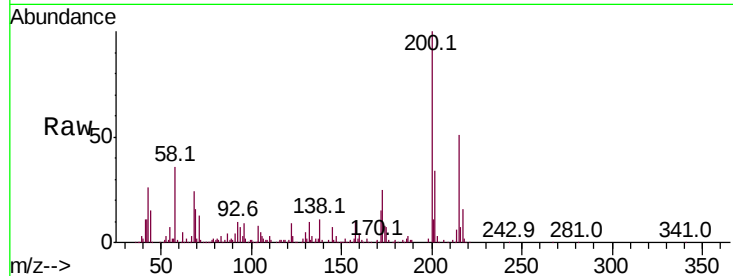
#69
Atrazine
Concen: 41.133 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :
PB123480BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.7	4.0	44.0
215	50.9	27.4	67.4

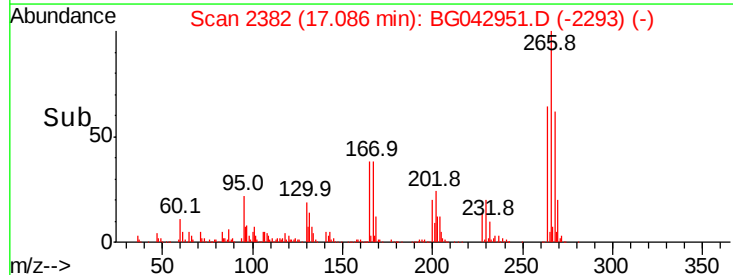
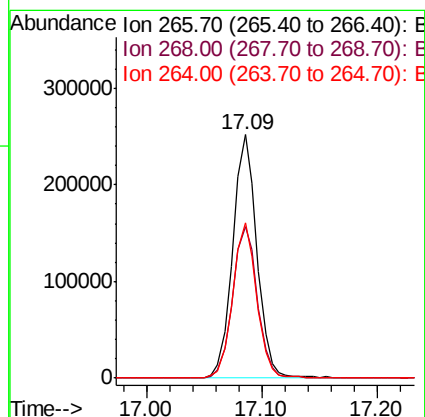
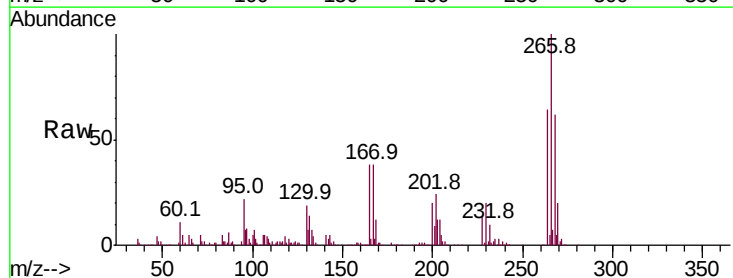
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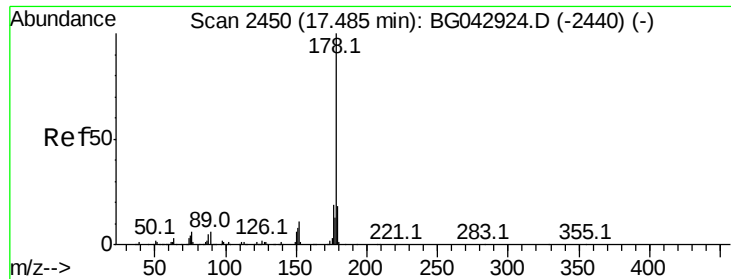
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#70
Pentachlorophenol
Concen: 94.393 ng
RT: 17.09 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.4	52.2	78.2
264	64.0	50.7	76.1





#71

Phenanthrene

Concen: 42.729 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

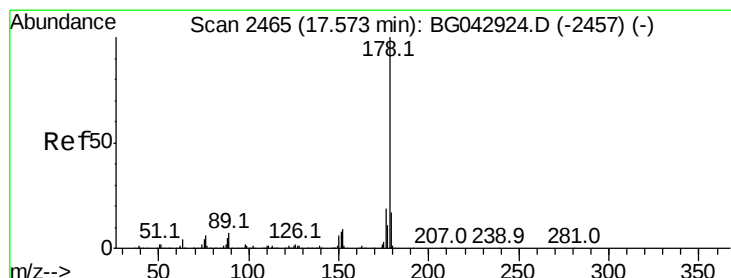
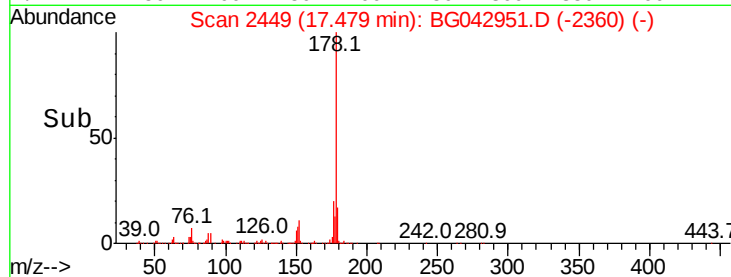
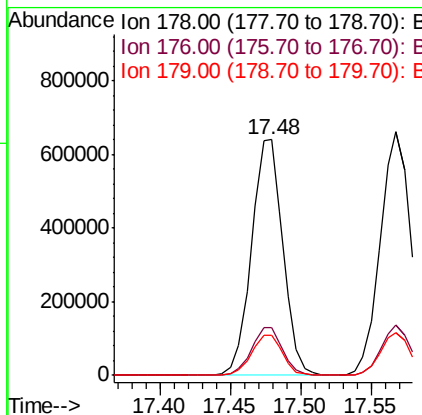
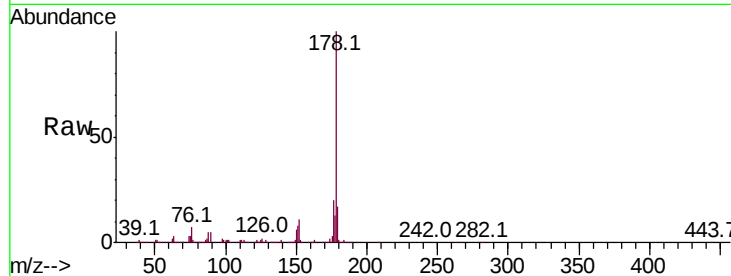
ClientSampleId :

PB123480BS

Tot Ion:	178	Resp:	996885
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.1	22.7
179	16.9	14.1	21.1

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#72

Anthracene

Concen: 43.229 ng

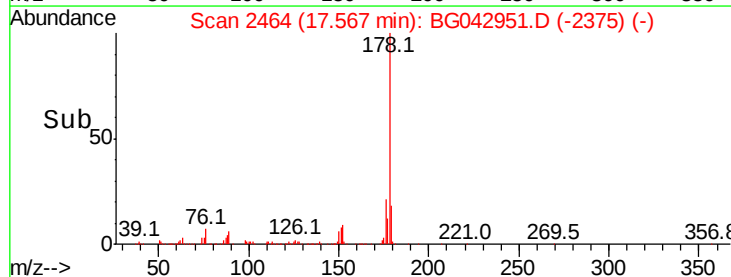
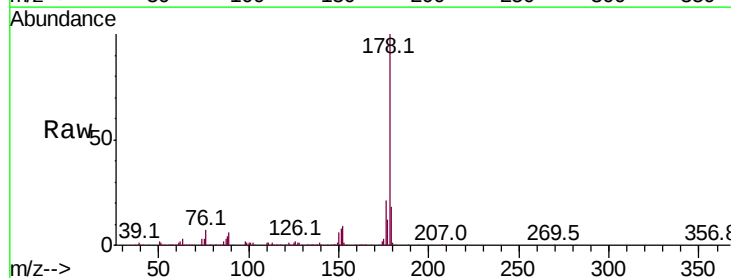
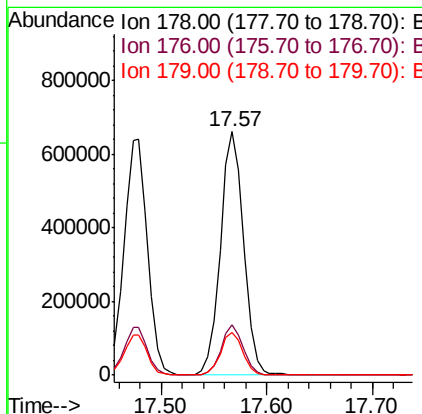
RT: 17.57 min Scan# 2464

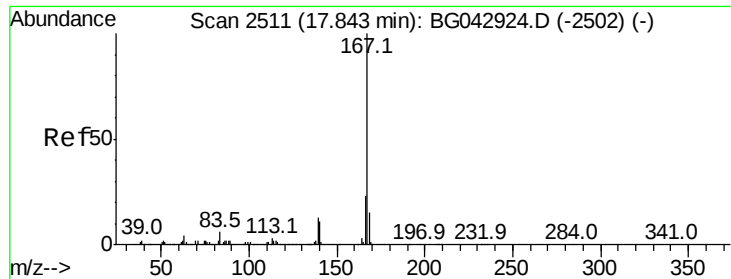
Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Tgt Ion:	178	Resp:	1006853
Ion Ratio	Lower	Upper	
178	100		
176	20.6	15.5	23.3
179	17.8	13.5	20.3





#73

Carbazole

Concen: 43.787 ng

RT: 17.84 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

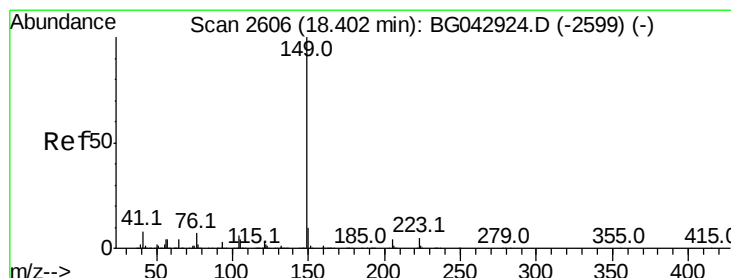
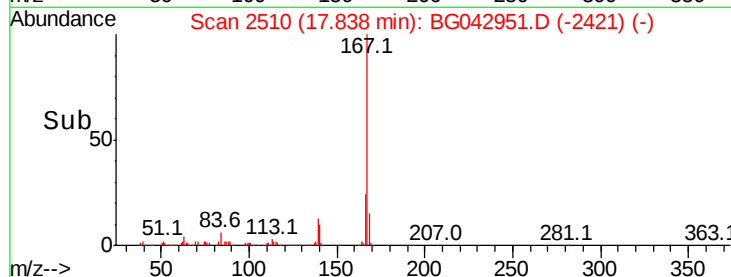
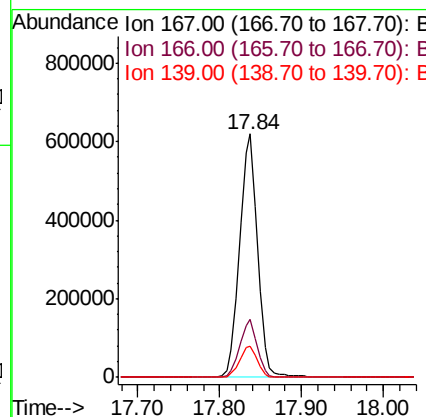
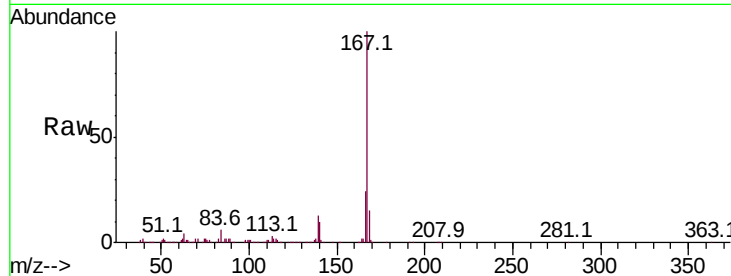
ClientSampleId :

PB123480BS

Tot Ion:	167	Resp:	945720
Ion Ratio	Lower	Upper	
167	100		
166	23.6	18.6	28.0
139	12.8	10.8	16.2

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#74

Di-n-butylphthalate

Concen: 41.967 ng

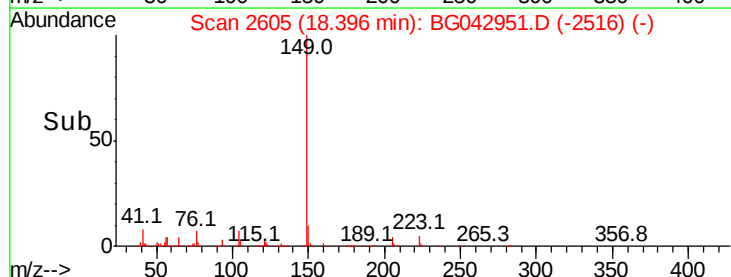
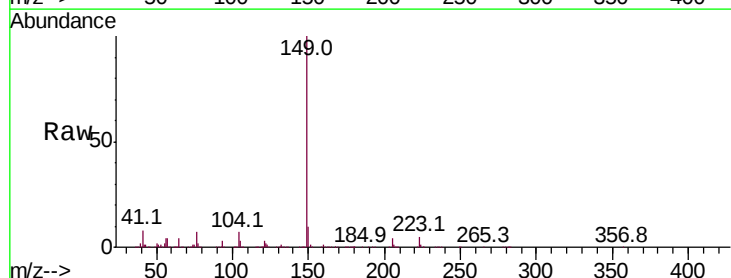
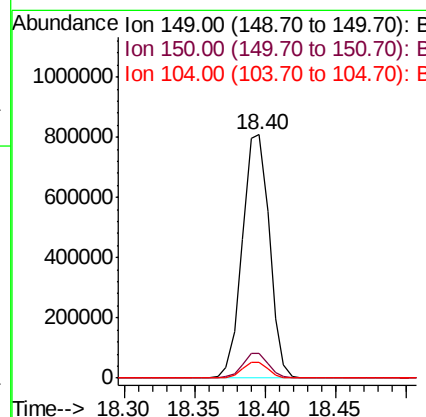
RT: 18.40 min Scan# 2605

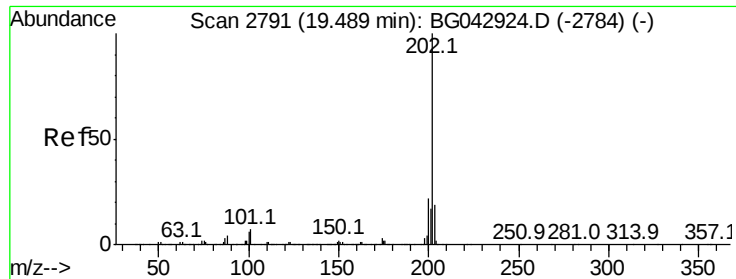
Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Tgt Ion:	149	Resp:	1081457
Ion Ratio	Lower	Upper	
149	100		
150	10.2	7.7	11.5
104	6.6	5.0	7.6





#75

Fluoranthene

Concen: 43.006 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

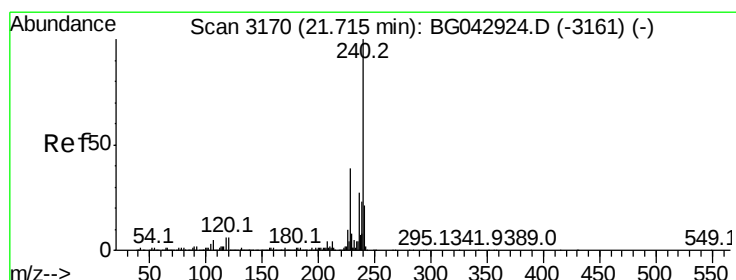
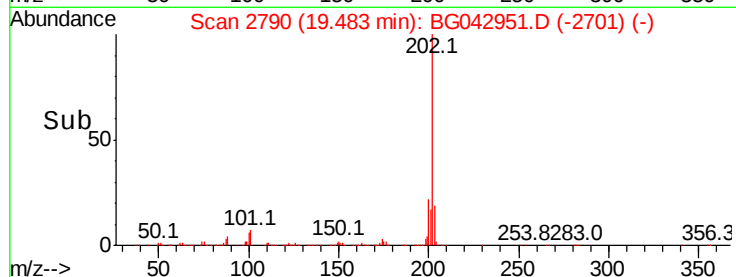
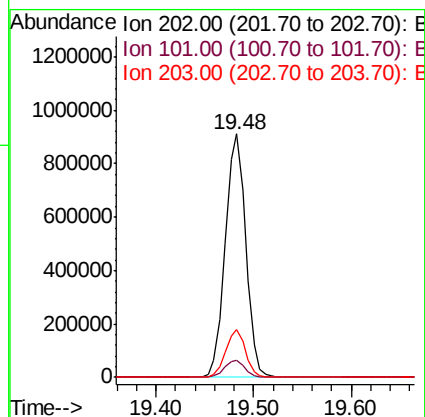
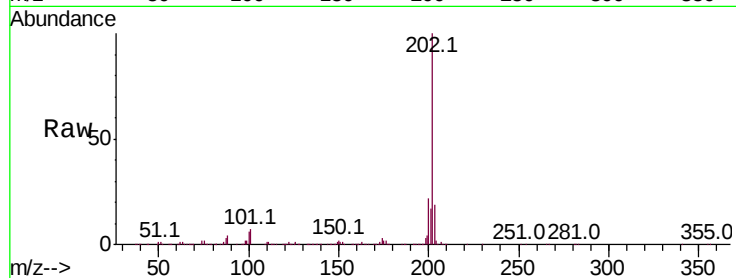
ClientSampleId :

PB123480BS

Tot Ion:	202	Resp:	1327087
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	27.3
203	19.4	0.0	39.5

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#76

Chrysene-d12

Concen: 20.000 ng

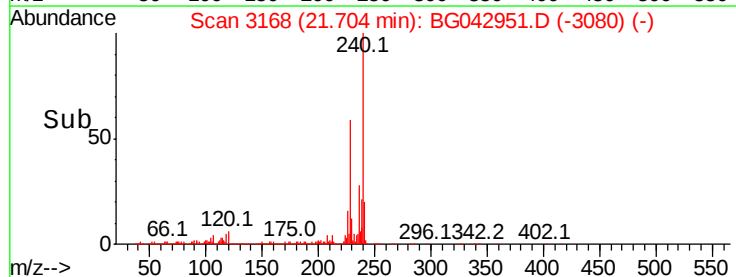
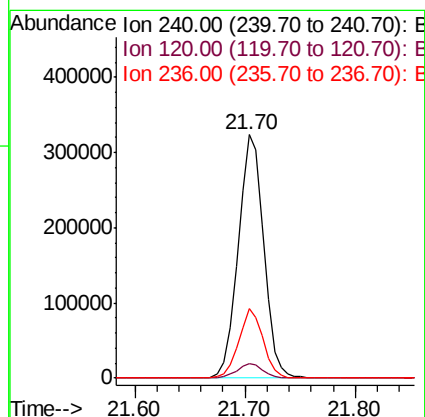
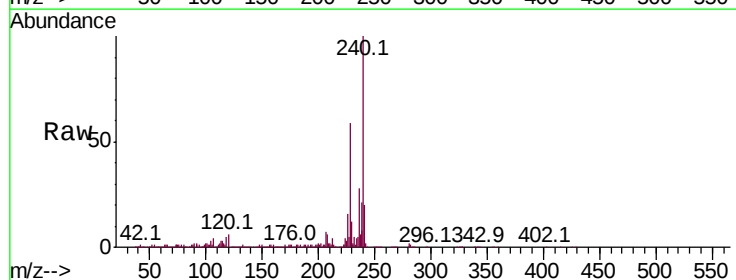
RT: 21.70 min Scan# 3168

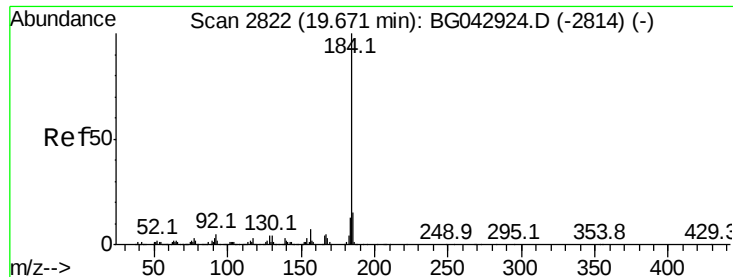
Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Tgt Ion:	240	Resp:	525532
Ion Ratio	Lower	Upper	
240	100		
120	5.7	4.8	7.2
236	28.3	21.4	32.0





#77

Benzidine

Concen: 29.028 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

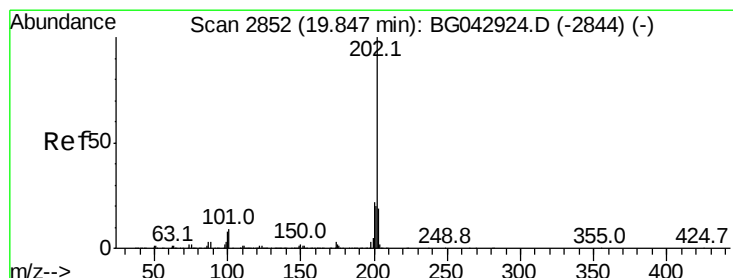
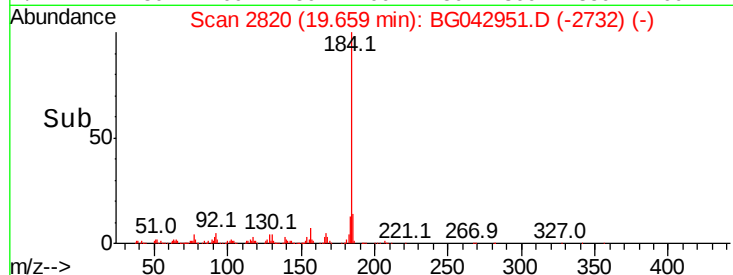
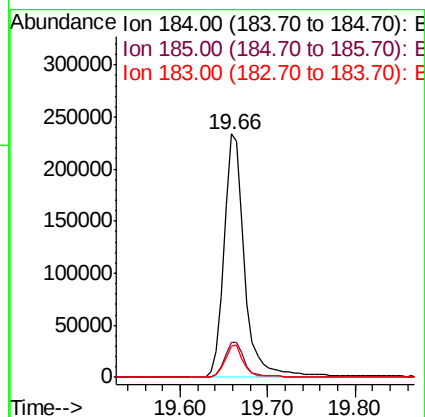
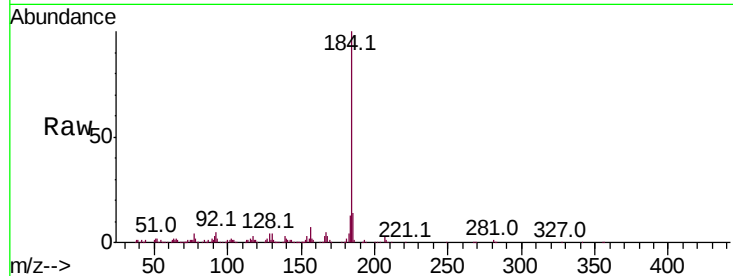
ClientSampleId :

PB123480BS

Tot Ion:	184	Resp:	381979
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.8	17.8
183	12.8	10.1	15.1

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#78

Pyrene

Concen: 43.055 ng

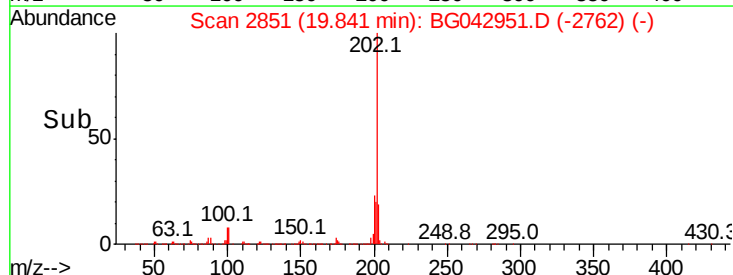
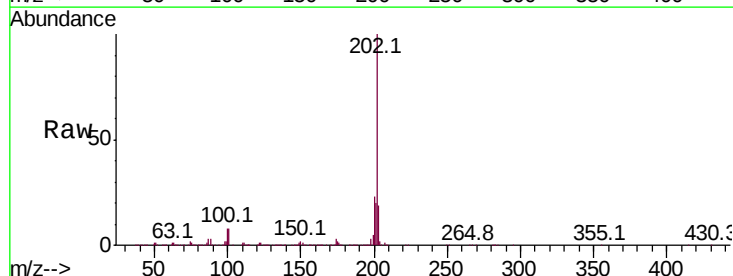
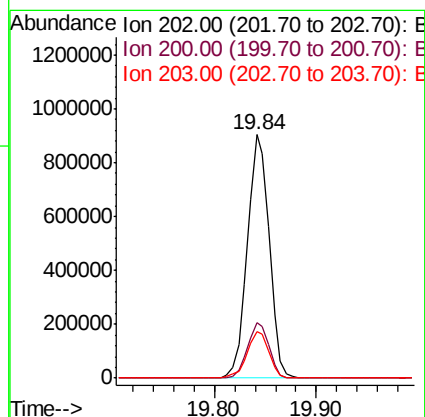
RT: 19.84 min Scan# 2851

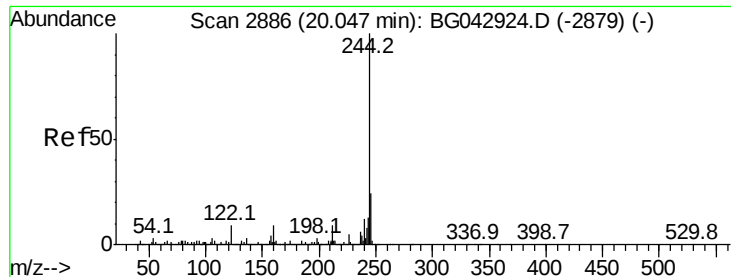
Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Tgt Ion:	202	Resp:	1350502
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.6	26.4
203	19.0	15.2	22.8





#79

Terphenyl-d14

Concen: 71.798 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

PB123480BS

Tot Ion:244 Resp: 1770720

Ion Ratio Lower Upper

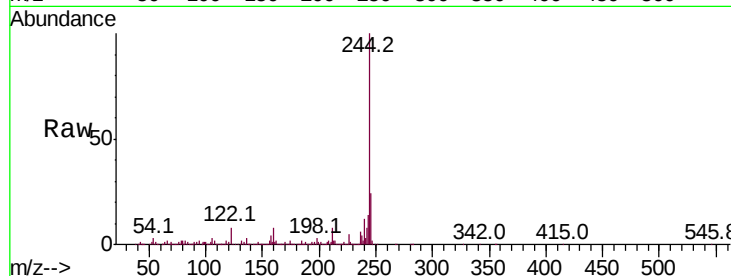
244 100

212 8.0 7.4 11.0

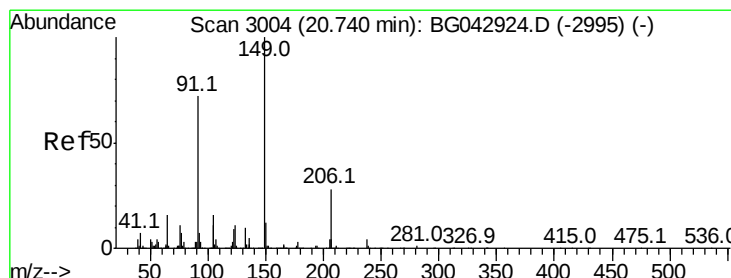
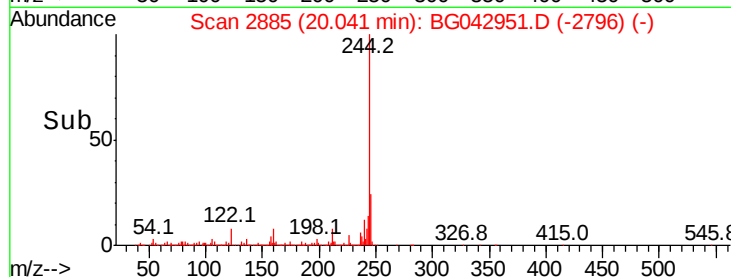
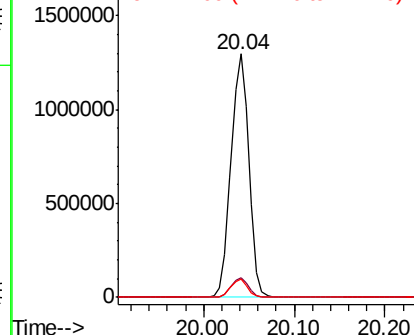
122 7.6 7.0 10.4

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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: 42.572 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

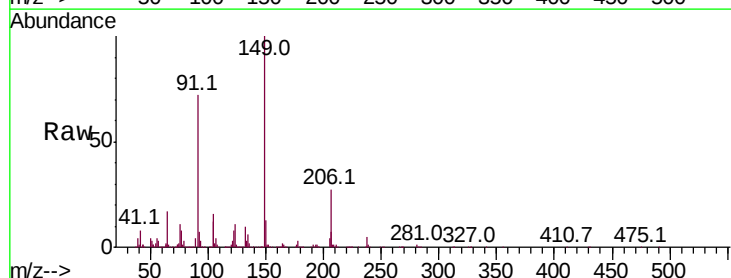
Tgt Ion:149 Resp: 506864

Ion Ratio Lower Upper

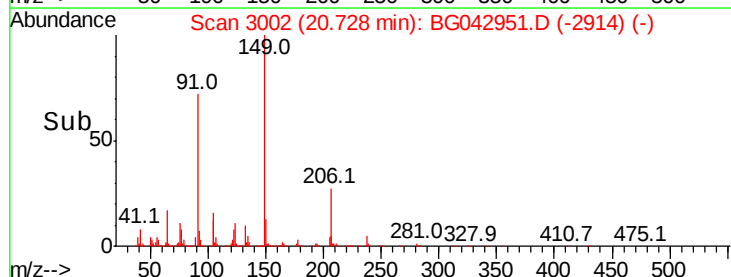
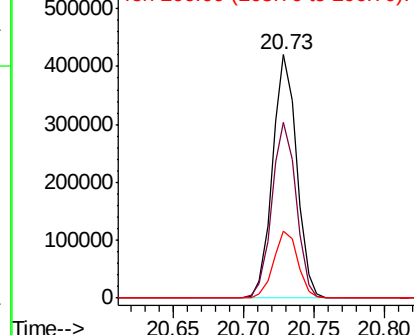
149 100

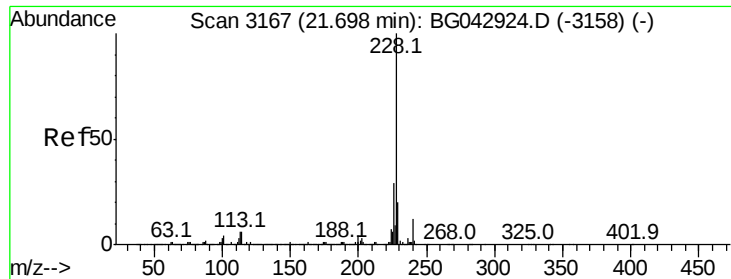
91 72.3 57.7 86.5

206 27.4 22.6 33.8



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: 42.420 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

PB123480BS

Tot Ion:228 Resp: 1389068

Ion Ratio Lower Upper

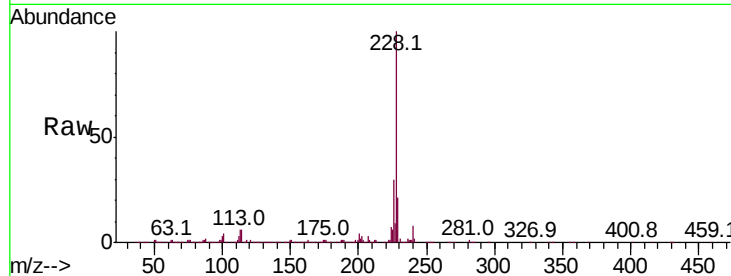
228 100

226 29.8 23.0 34.4

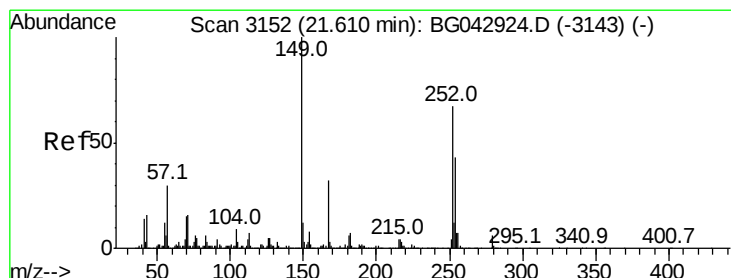
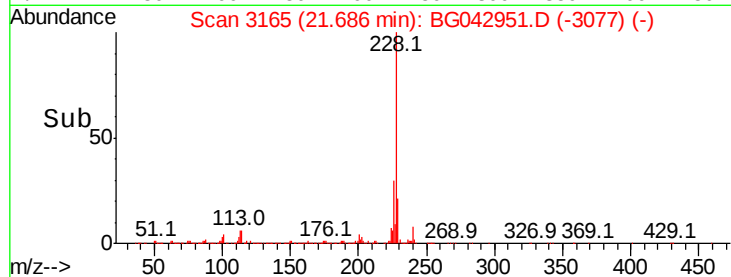
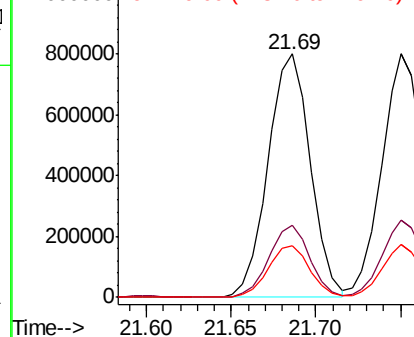
229 21.4 16.3 24.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.665 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

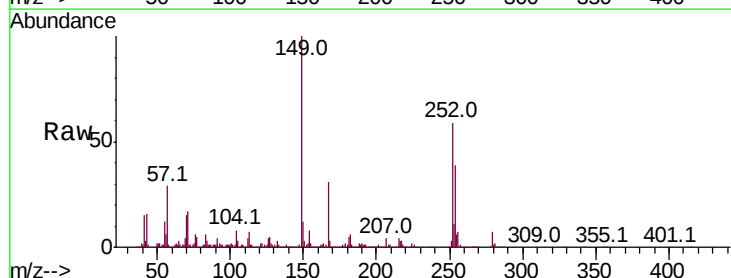
Tgt Ion:252 Resp: 483731

Ion Ratio Lower Upper

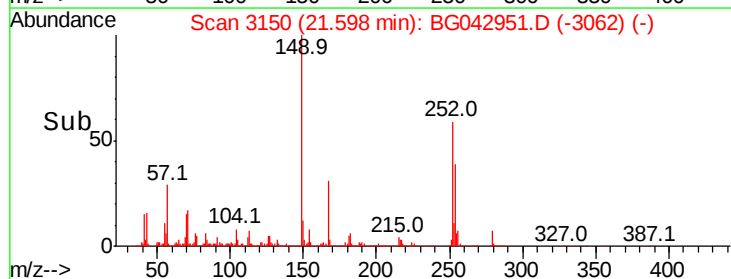
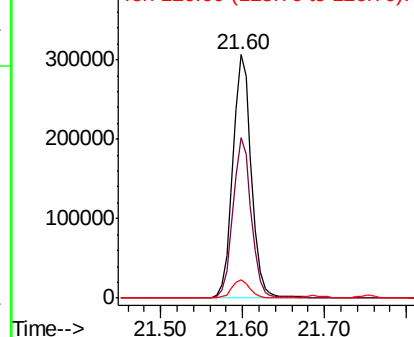
252 100

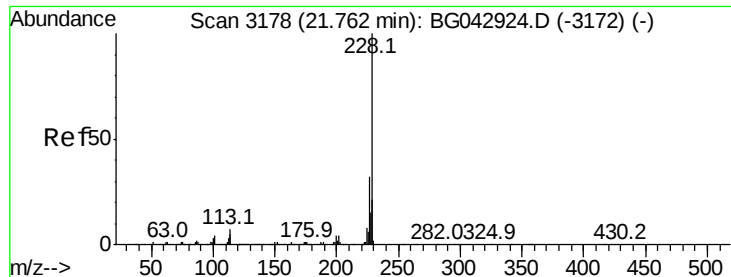
254 65.8 51.9 77.9

126 7.6 6.1 9.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





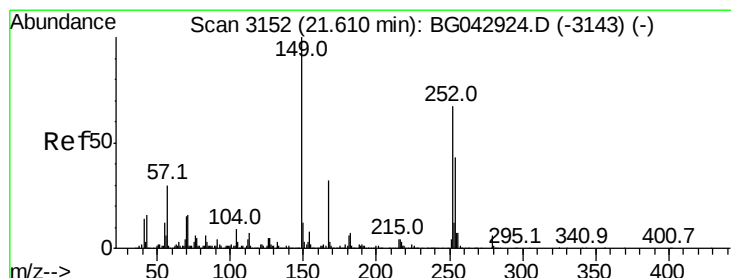
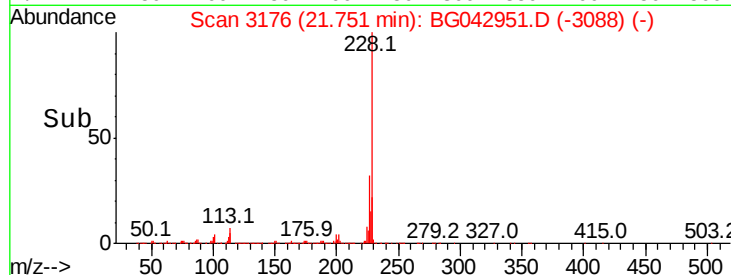
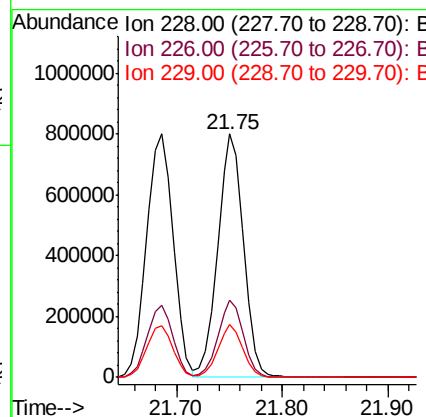
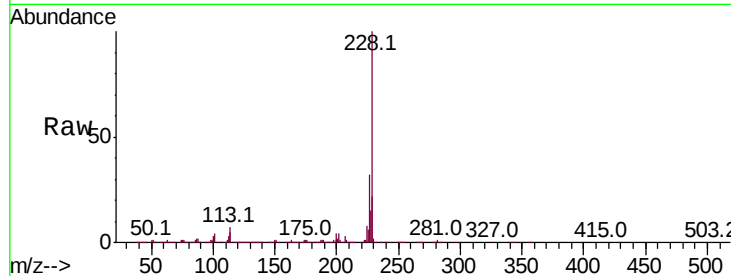
#83
Chrysene
Concen: 42.585 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :
PB123480BS

Tot Ion:228 Resp: 1353216
Ion Ratio Lower Upper
228 100
226 31.6 25.6 38.4
229 22.0 16.9 25.3

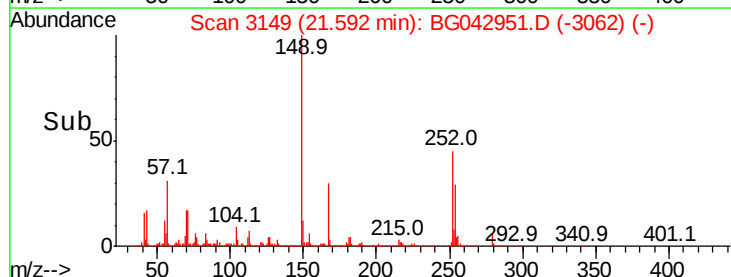
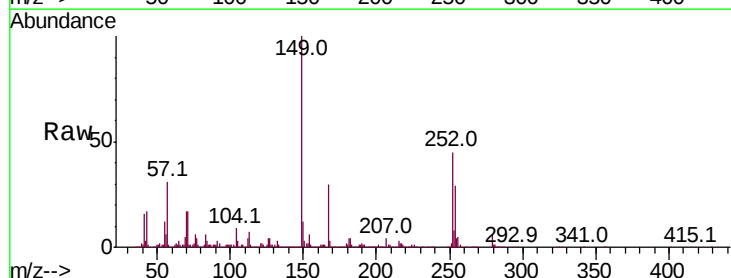
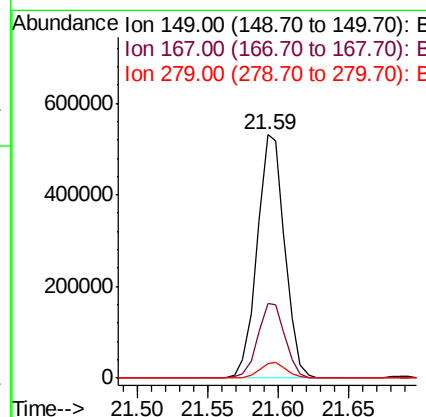
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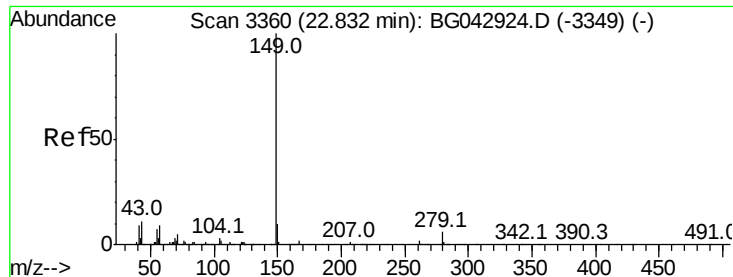
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.927 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion:149 Resp: 727262
Ion Ratio Lower Upper
149 100
167 30.4 25.4 38.2
279 6.1 5.1 7.7





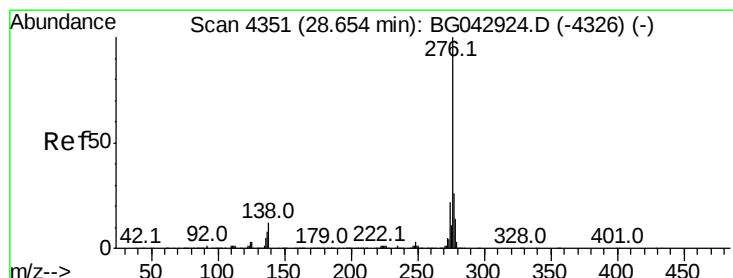
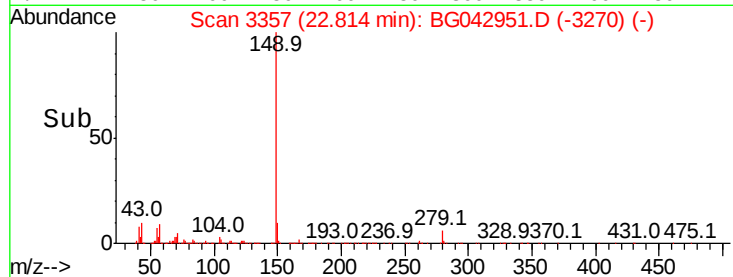
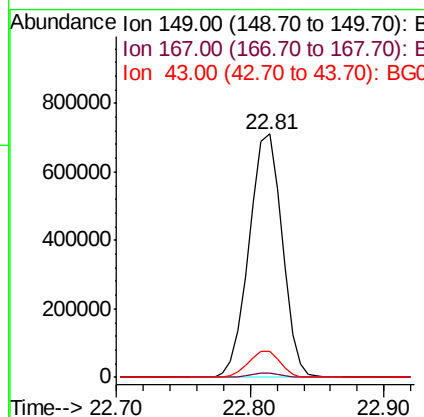
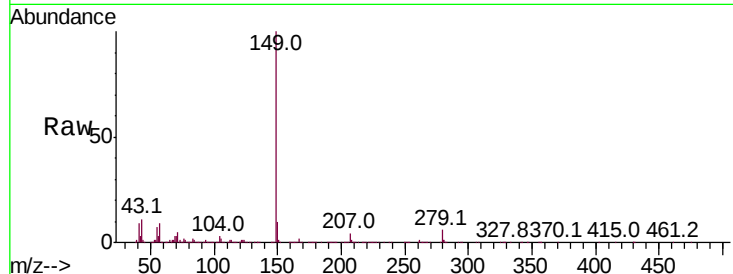
#85
Di-n-octyl phthalate
Concen: 43.853 ng
RT: 22.81 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :
PB123480BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.5	8.7	13.1

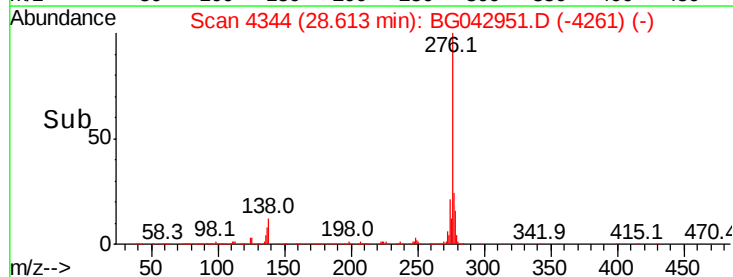
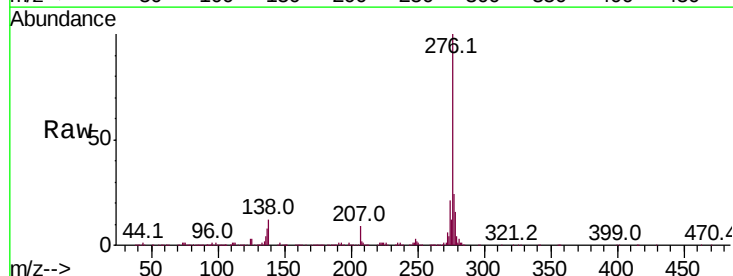
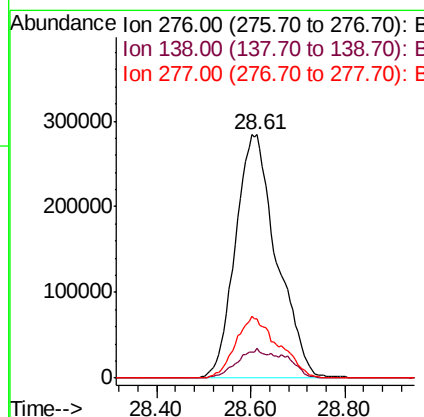
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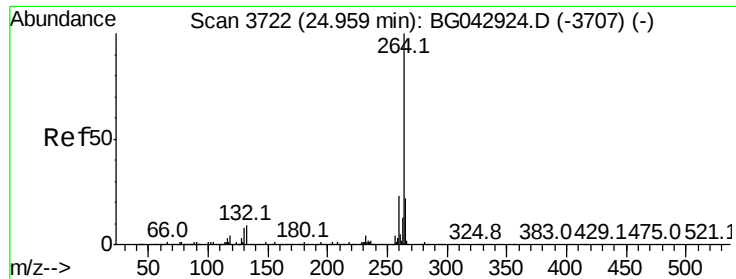
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.747 ng
RT: 28.61 min Scan# 4344
Delta R.T. -0.04 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.6	7.0	10.6#
277	26.2	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.03 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

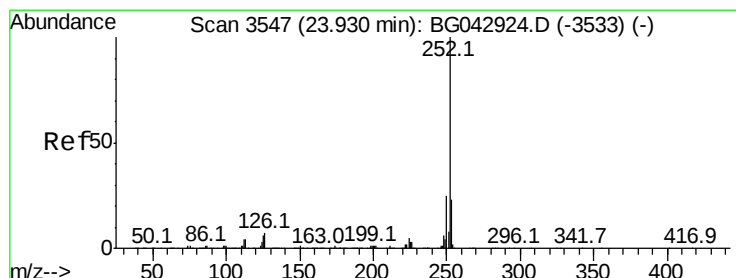
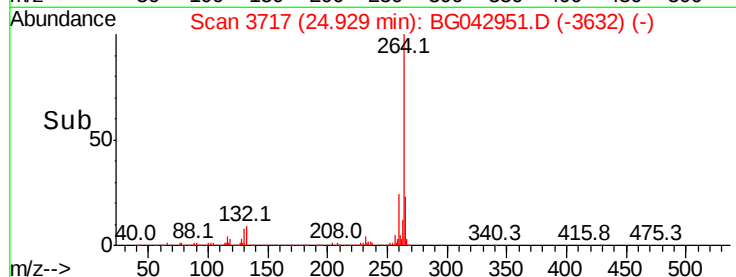
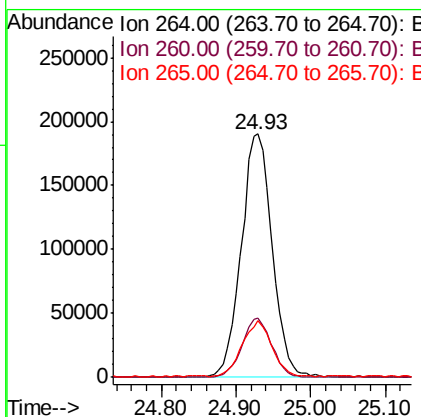
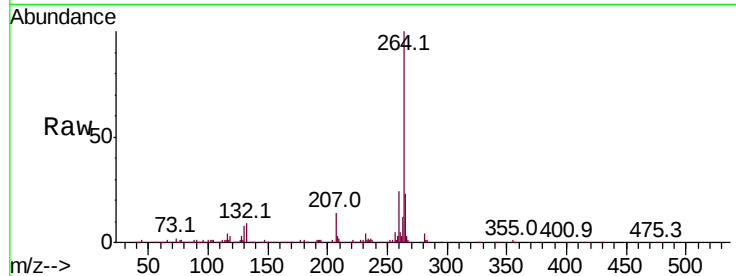
ClientSampleId :

PB123480BS

Tot Ion:	264	Resp:	546907
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.7	28.1
265	23.3	17.7	26.5

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 48.305 ng

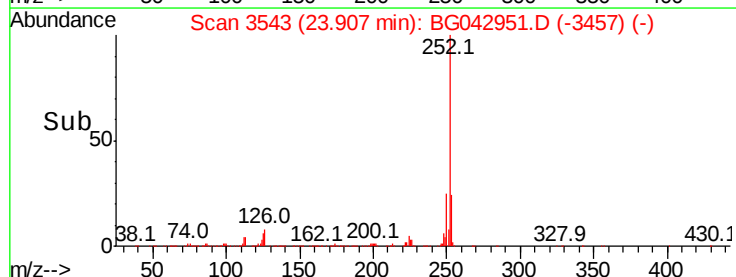
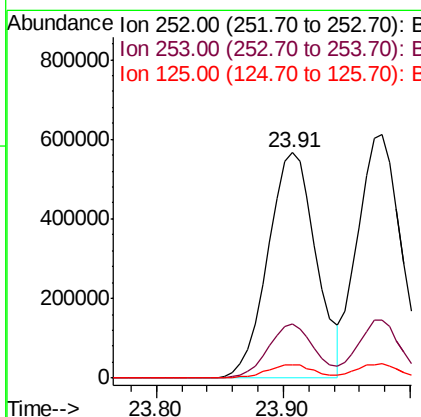
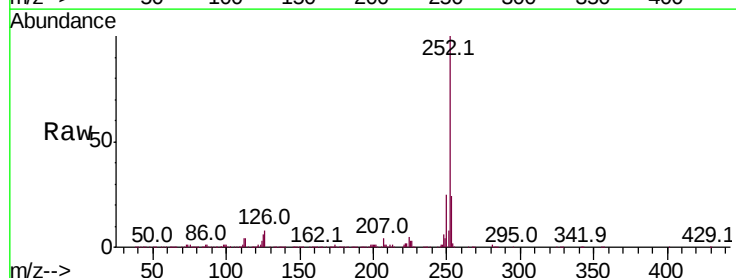
RT: 23.91 min Scan# 3543

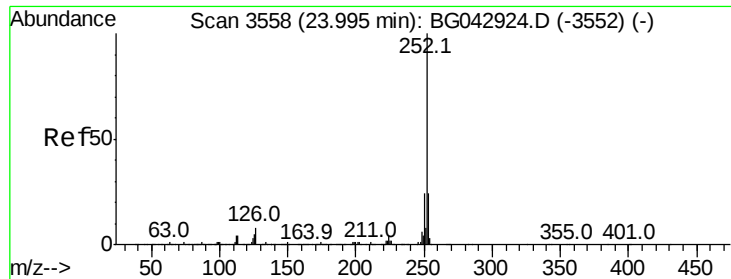
Delta R.T. -0.02 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Tgt Ion:	252	Resp:	1494820
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.2	27.2
125	5.8	4.6	7.0





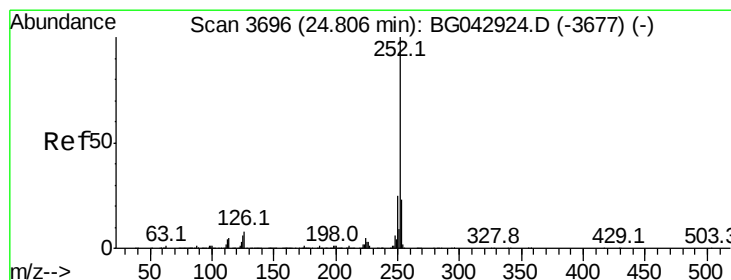
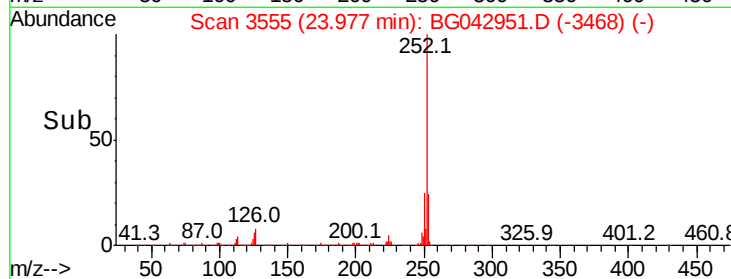
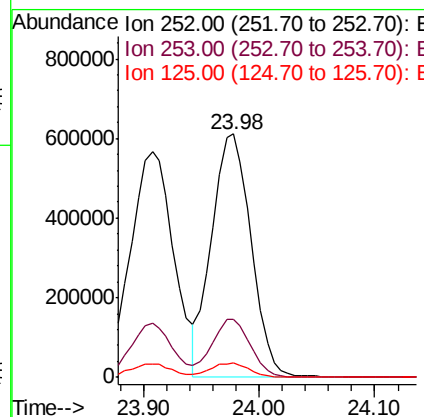
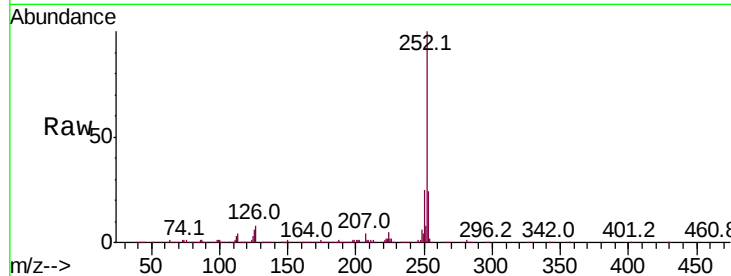
#89
Benzo(k)fluoranthene
Concen: 47.261 ng
RT: 23.98 min Scan# 3555
Delta R.T. -0.02 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :
PB123480BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.9	28.3
125	6.1	4.5	6.7

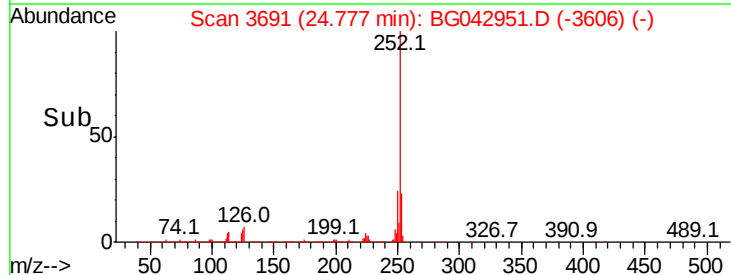
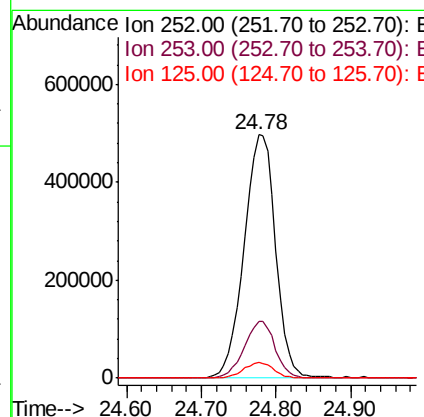
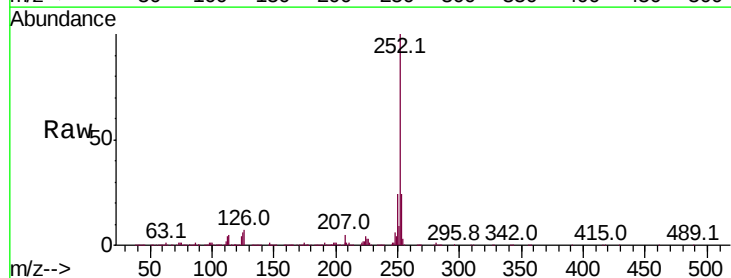
Manual Integrations
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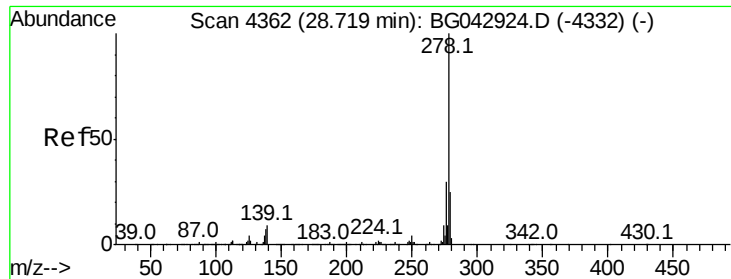
mohammad
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#90
Benzo(a)pyrene
Concen: 49.670 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	6.2	5.0	7.6





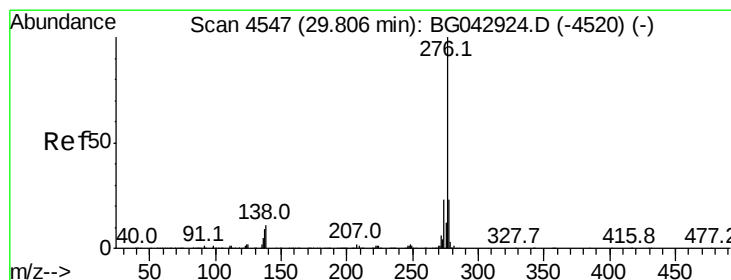
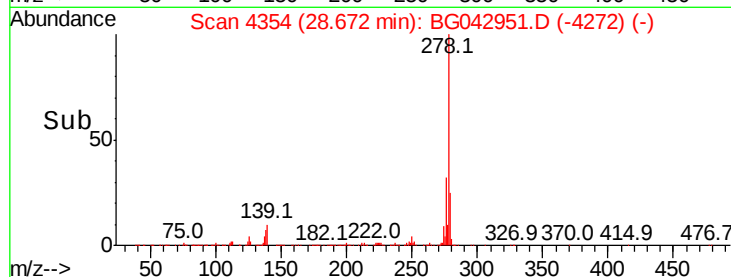
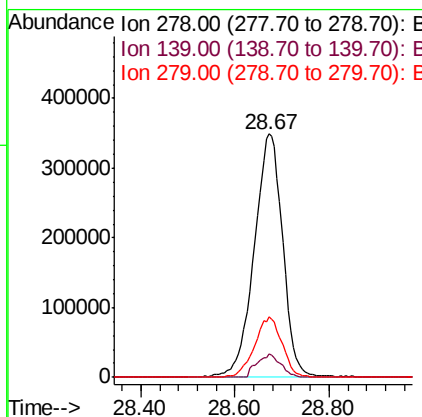
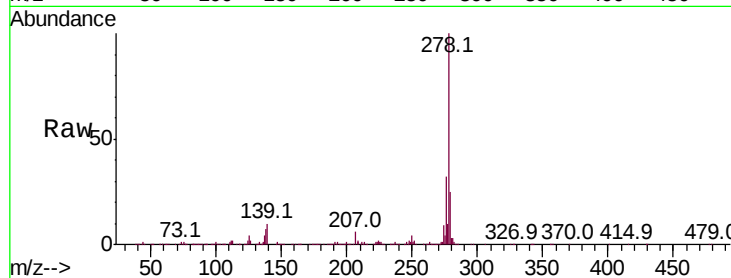
#91
Dibenzo(a,h)anthracene
Concen: 49.307 ng
RT: 28.67 min Scan# 4354
Delta R.T. -0.05 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :
PB123480BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.6	6.8	10.2
279	24.9	20.1	30.1

Manual Integrations
APPROVED

mohammad
10/2/2019 8:33:20 AM



#92
Benzo(g,h,i)perylene
Concen: 49.854 ng
RT: 29.76 min Scan# 4540
Delta R.T. -0.04 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.4	27.6
138	11.6	8.6	12.8

