

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042940.D
 Acq On : 30 Sep 2019 13:03
 Operator : JU
 Sample : PB123461BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123461BS

Manual Integrations
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mohammad
 10/2/2019 8:33:11 AM

Quant Time: Oct 01 07:26:43 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	66842	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	254626	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	182584	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	436124	20.00	ng	0.00
76) Chrysene-d12	21.71	240	536728	20.00	ng	0.00
87) Perylene-d12	24.94	264	552655	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	432251	115.41	ng	0.00
7) Phenol-d6	7.25	99	591829	109.73	ng	0.00
23) Nitrobenzene-d5	9.23	82	356421	68.04	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	332623	105.94	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	865282	68.70	ng	0.00
79) Terphenyl-d14	20.04	244	1761774	69.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	57216	36.640	ng	98
3) Pyridine	3.95	79	138415	31.514	ng	98
4) n-Nitrosodimethylamine	3.86	42	93249	44.149	ng	# 94
6) Aniline	7.40	93	219855	33.768	ng	98
8) 2-Chlorophenol	7.64	128	178355	45.662	ng	95
9) Benzaldehyde	7.21	77	102964	31.240	ng	92
10) Phenol	7.27	94	227952	46.065	ng	99
11) bis(2-Chloroethyl)ether	7.49	93	164587	42.987	ng	98
12) 1,3-Dichlorobenzene	7.96	146	198227	39.782	ng	100
13) 1,4-Dichlorobenzene	8.11	146	205042	41.279	ng	98
14) 1,2-Dichlorobenzene	8.43	146	194903	41.214	ng	94
15) Benzyl Alcohol	8.32	79	175836	43.361	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	291229	39.607	ng	99
17) 2-Methylphenol	8.52	107	152742	44.113	ng	97
18) Hexachloroethane	9.16	117	72931	38.985	ng	99
19) n-Nitroso-di-n-propylamine	8.87	70	142302	40.180	ng	99
20) 3+4-Methylphenols	8.85	107	210321	44.324	ng	99
22) Acetophenone	8.89	105	271432	41.355	ng	# 97
24) Nitrobenzene	9.27	77	219854	43.998	ng	98
25) Isophorone	9.80	82	395106	42.937	ng	99
26) 2-Nitrophenol	9.99	139	97166	45.679	ng	96
27) 2,4-Dimethylphenol	10.05	122	165681	50.718	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	219421	42.028	ng	98
29) 2,4-Dichlorophenol	10.53	162	187939	46.258	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	218178	41.584	ng	98
31) Naphthalene	10.93	128	544070	43.407	ng	99
32) Benzoic acid	10.19	122	96311	39.438	ng	97
33) 4-Chloroaniline	11.04	127	136413	25.081	ng	98
34) Hexachlorobutadiene	11.21	225	160674	40.900	ng	98
35) Caprolactam	11.81	113	61494m	42.920	ng	
36) 4-Chloro-3-methylphenol	12.15	107	201044	45.511	ng	98
37) 2-Methylnaphthalene	12.52	142	414159	43.313	ng	96
38) 1-Methylnaphthalene	12.75	142	383561	42.392	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	273379	39.822	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	386853	88.442	ng	98
43) 2,4,6-Trichlorophenol	13.13	196	176248	43.863	ng	97
44) 2,4,5-Trichlorophenol	13.21	196	186740	45.114	ng	97
46) 1,1'-Biphenyl	13.53	154	550681	39.771	ng	99
47) 2-Chloronaphthalene	13.57	162	438393	42.230	ng	99
48) 2-Nitroaniline	13.78	65	146342	42.391	ng	93
49) Acenaphthylene	14.42	152	695667	43.795	ng	98
50) Dimethylphthalate	14.15	163	558272	40.808	ng	99
51) 2,6-Dinitrotoluene	14.26	165	126624	43.464	ng	98
52) Acenaphthene	14.76	154	418543	39.365	ng	98
53) 3-Nitroaniline	14.60	138	94603	31.422	ng	96
54) 2,4-Dinitrophenol	14.80	184	164629	90.911	ng	93
55) Dibenzofuran	15.09	168	681747	43.345	ng	98
56) 4-Nitrophenol	14.91	139	209938	91.515	ng	94
57) 2,4-Dinitrotoluene	15.05	165	182085	42.680	ng	98
58) Fluorene	15.74	166	574111	42.754	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	193073	43.808	ng	99
60) Diethylphthalate	15.51	149	575236	41.317	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	330920	41.091	ng	99
62) 4-Nitroaniline	15.76	138	138632	42.219	ng	96
63) Azobenzene	16.03	77	542069	42.765	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	117540	47.628	ng	97
66) n-Nitrosodiphenylamine	15.94	169	511370	44.416	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	230148	42.046	ng	99
68) Hexachlorobenzene	16.74	284	247117	40.546	ng	98
69) Atrazine	16.89	200	200555	41.368	ng	95
70) Pentachlorophenol	17.09	266	333178	94.740	ng	99
71) Phenanthrene	17.48	178	930051	43.681	ng	98
72) Anthracene	17.57	178	950577	44.721	ng	100
73) Carbazole	17.84	167	897390	45.527	ng	99
74) Di-n-butylphthalate	18.40	149	1041416	44.283	ng	100
75) Fluoranthene	19.49	202	1314330	46.670	ng	99
77) Benzidine	19.66	184	427224	31.790	ng	98
78) Pyrene	19.84	202	1339023	41.798	ng	99
80) Butylbenzylphthalate	20.73	149	518231	42.618	ng	98
81) Benzo(a)anthracene	21.69	228	1407775	42.095	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	481417	36.702	ng	98
83) Chrysene	21.75	228	1380994	42.552	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	731994	42.305	ng	98
85) Di-n-octyl phthalate	22.82	149	1219503	43.102	ng	100
86) Indeno(1,2,3-cd)pyrene	28.62	276	1732191	42.873	ng	100
88) Benzo(b)fluoranthene	23.92	252	1483448	47.439	ng	99
89) Benzo(k)fluoranthene	23.98	252	1457086	47.101	ng	99
90) Benzo(a)pyrene	24.79	252	1441113	48.847	ng	98
91) Dibenzo(a,h)anthracene	28.69	278	1462194	48.333	ng	98
92) Benzo(g,h,i)perylene	29.77	276	1431466	48.835	ng	98

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

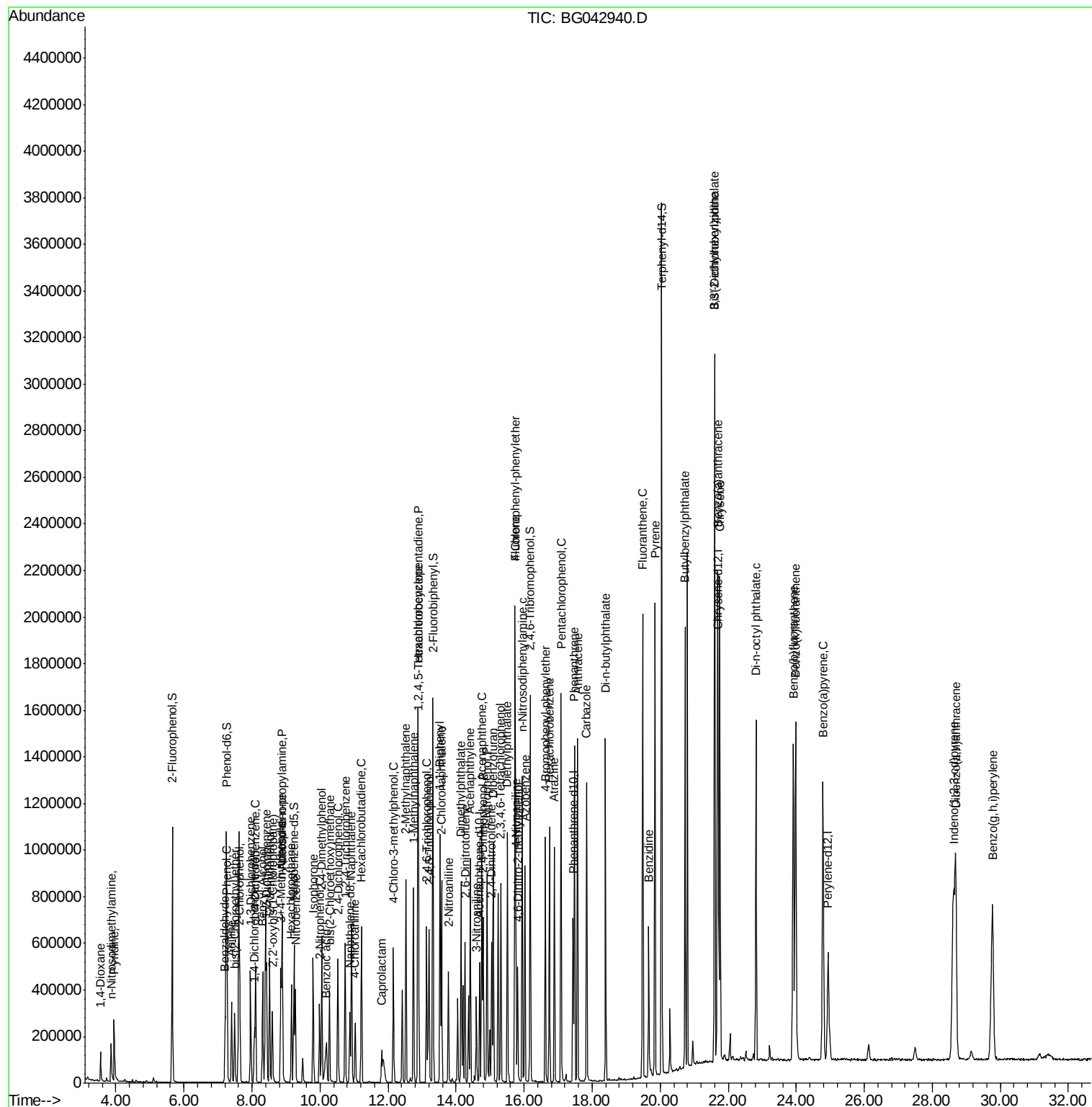
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
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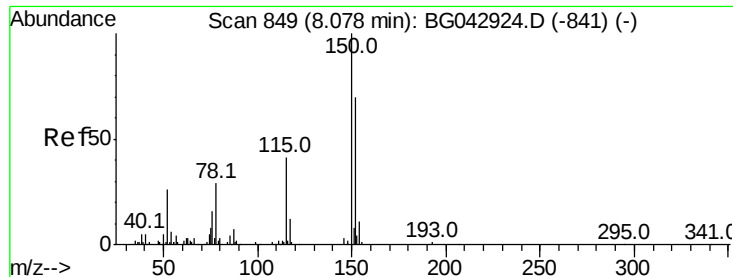
Instrument :
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ClientSampleId :
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#1

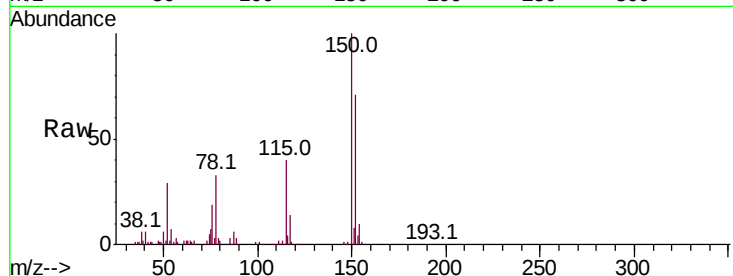
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB123461BS

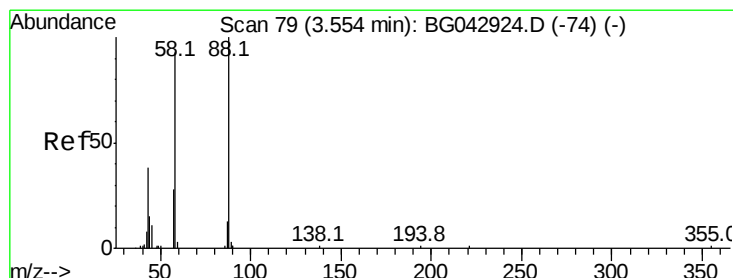
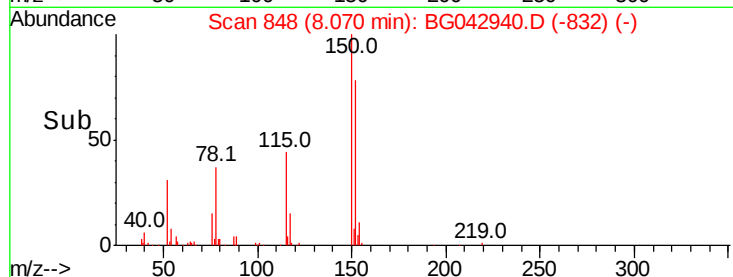
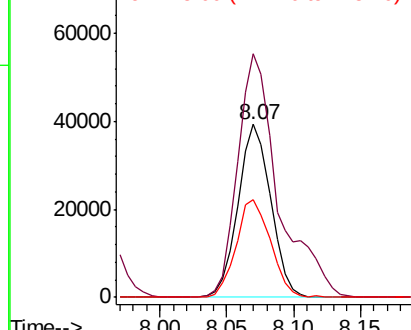
Tot Ion	Ratio	Lower	Upper
152	100		
150	140.8	115.0	172.4
115	56.8	47.0	70.6

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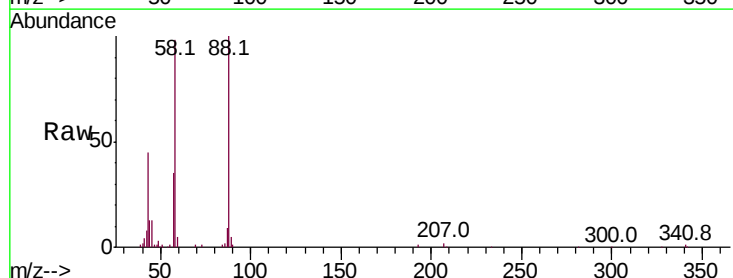
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



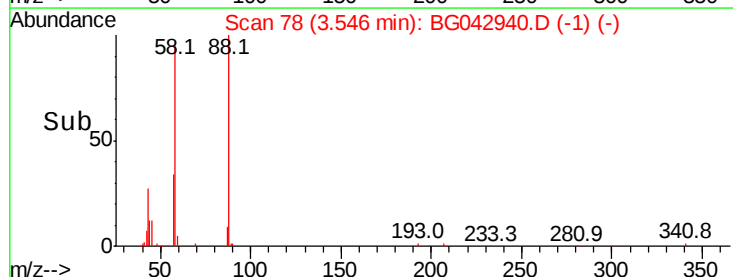
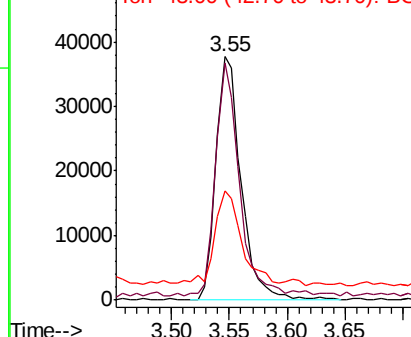
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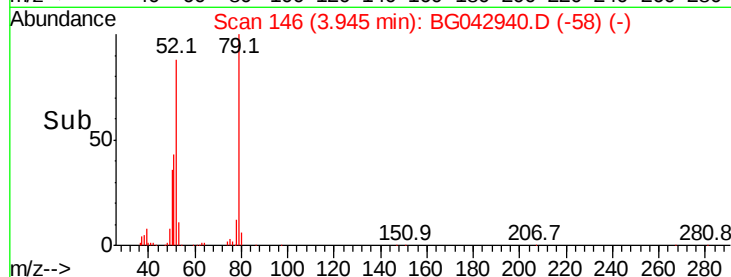
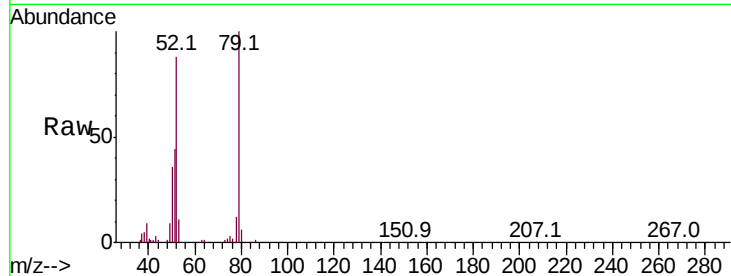
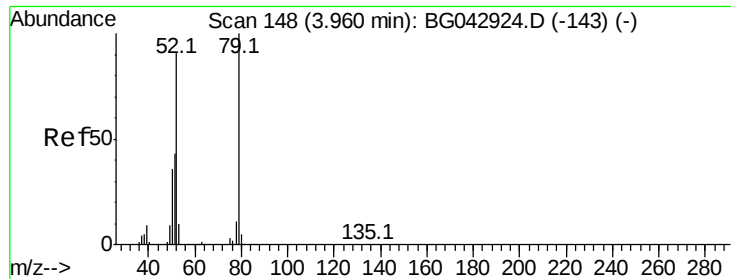
1,4-Dioxane
Concen: 36.640 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.9	74.3	111.5
43	39.2	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





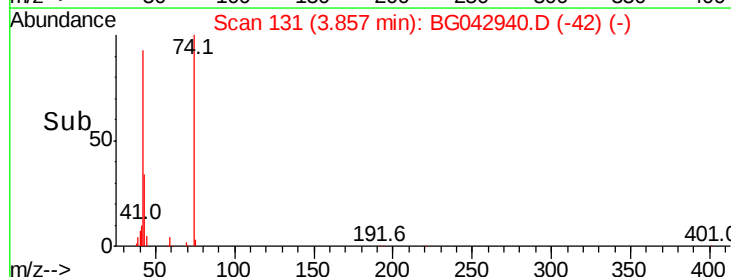
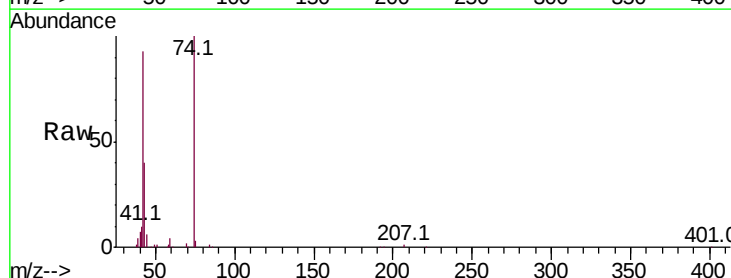
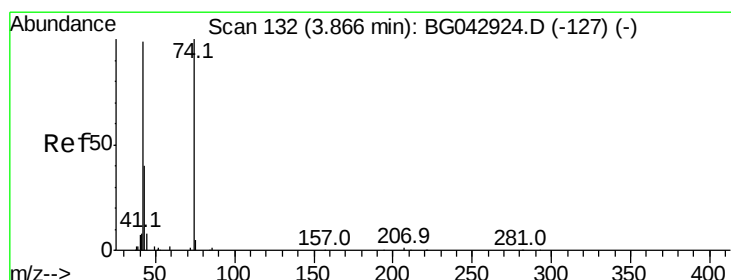
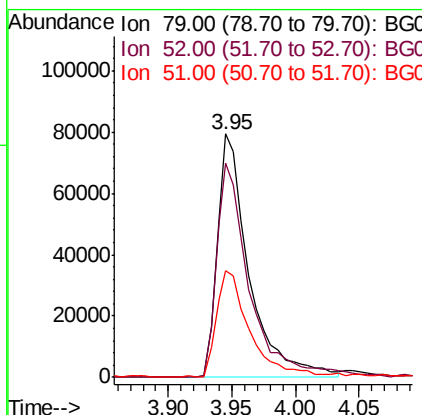
#3
 Pvridine
 Concen: 31.514 ng
 RT: 3.95 min Scan# 146
 Delta R.T. -0.01 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	88.0	73.0	109.4		
51	43.7	35.1	52.7		

Instrument :
 BNA_G
 ClientSampled :
 PB123461BS

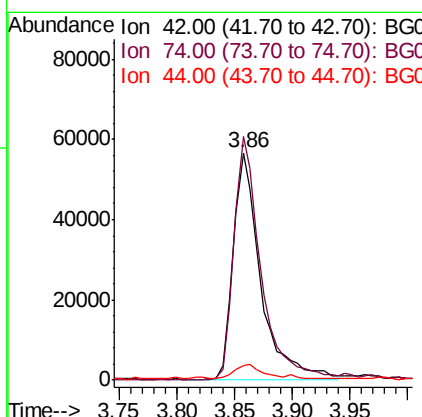
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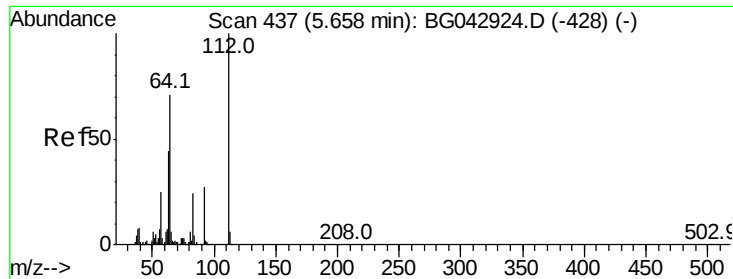
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#4
 n-Nitrosodimethylamine
 Concen: 44.149 ng
 RT: 3.86 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	107.1	80.5	120.7		
44	6.6	6.9	10.3#		





#5

2-Fluorophenol

Concen: 115.407 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

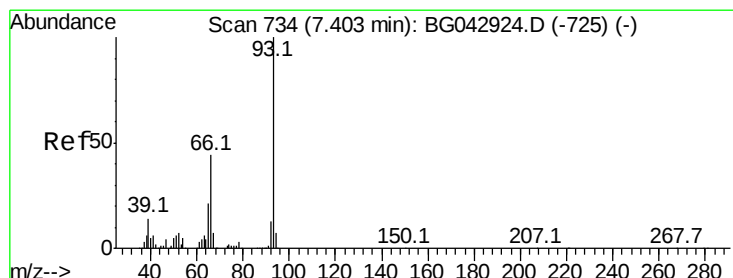
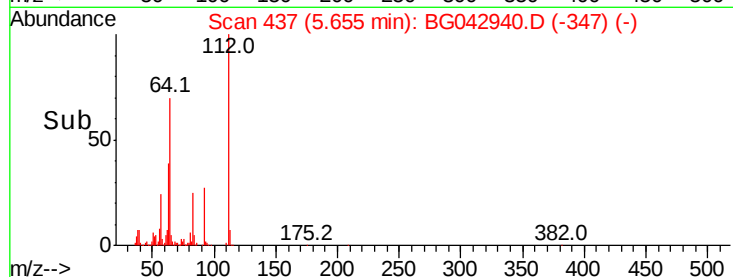
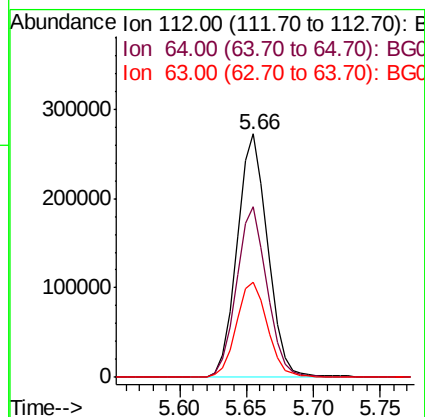
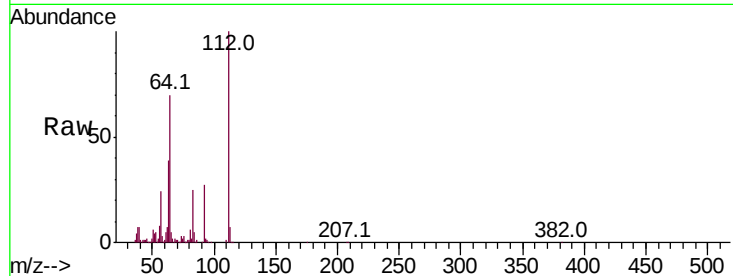
ClientSampleId :

PB123461BS

Tot Ion:	112	Resp:	432251
Ion Ratio	Lower	Upper	
112	100		
64	69.9	56.6	84.8
63	39.1	35.1	52.7

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#6

Aniline

Concen: 33.768 ng

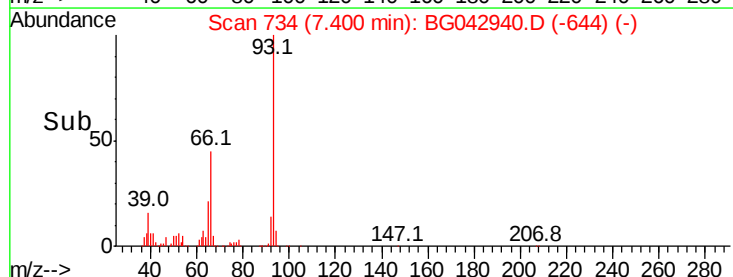
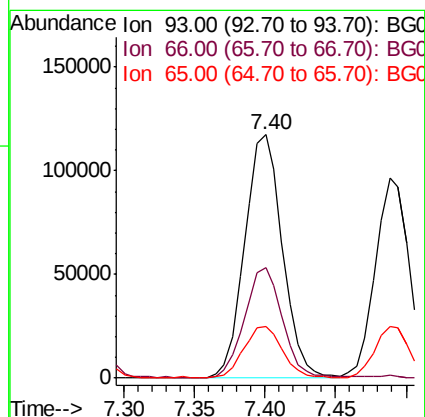
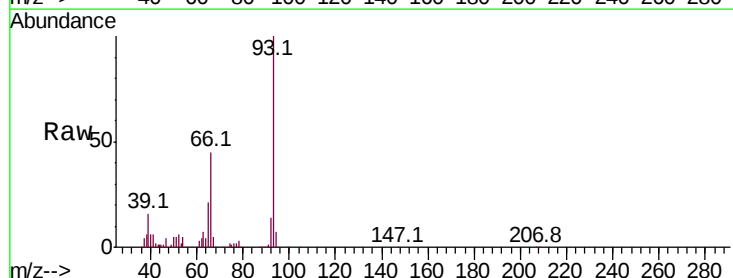
RT: 7.40 min Scan# 734

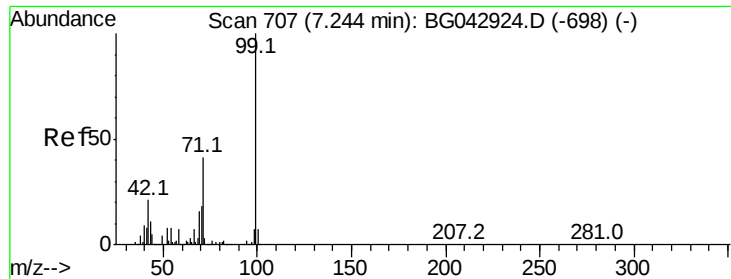
Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Tgt Ion:	93	Resp:	219855
Ion Ratio	Lower	Upper	
93	100		
66	45.4	35.0	52.6
65	21.4	17.4	26.0





#7

Phenol-d6

Concen: 109.727 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

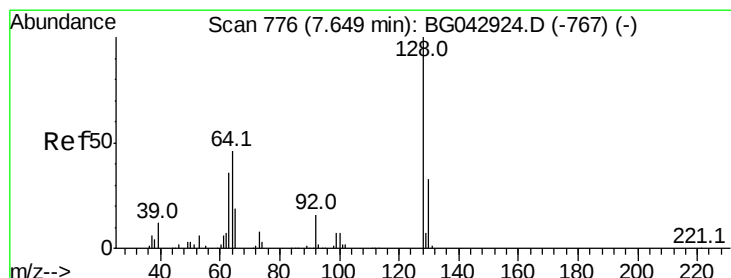
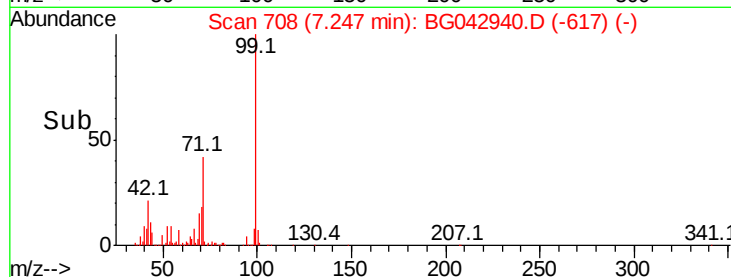
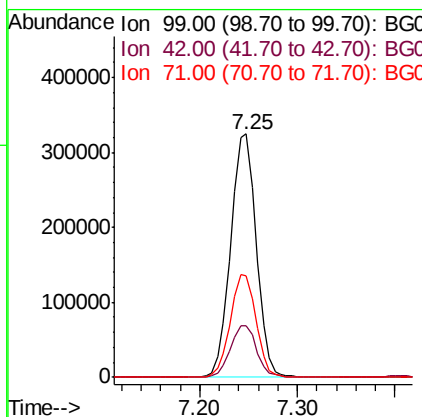
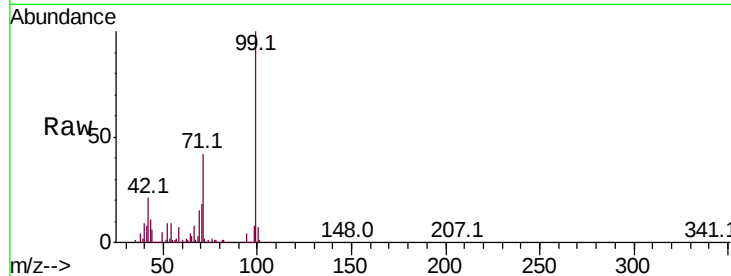
ClientSampleId :

PB123461BS

Tot Ion:	99	Resp:	591829
Ion Ratio	Lower	Upper	
99	100		
42	21.0	17.2	25.8
71	41.9	33.1	49.7

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#8

2-Chlorophenol

Concen: 45.662 ng

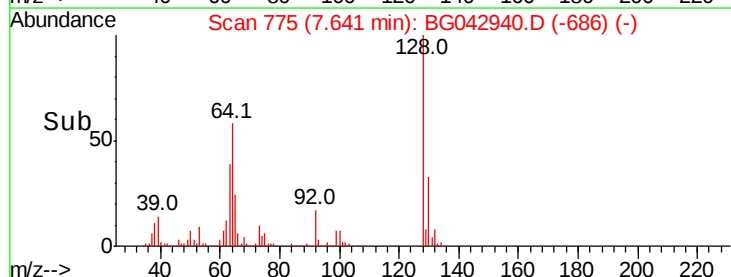
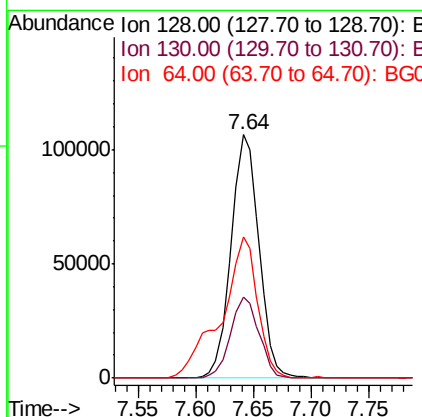
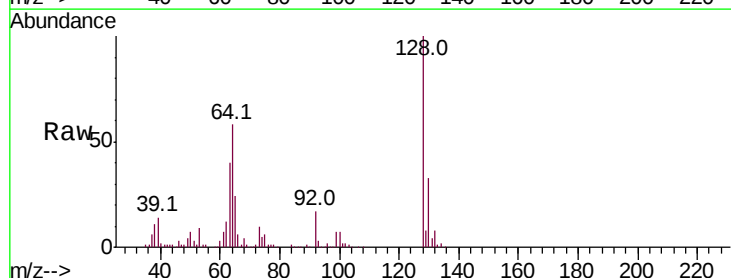
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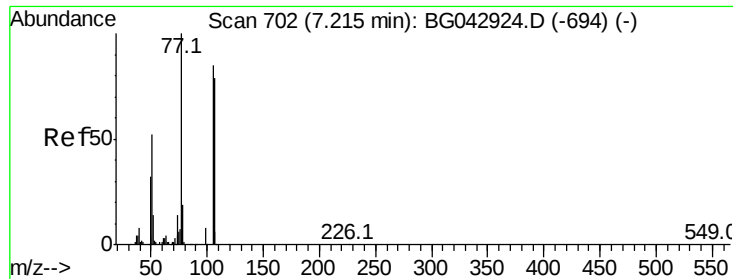
Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Tgt Ion:	128	Resp:	178355
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.5	52.5
64	57.8	32.8	72.8





#9

Benzaldehyde

Concen: 31.240 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

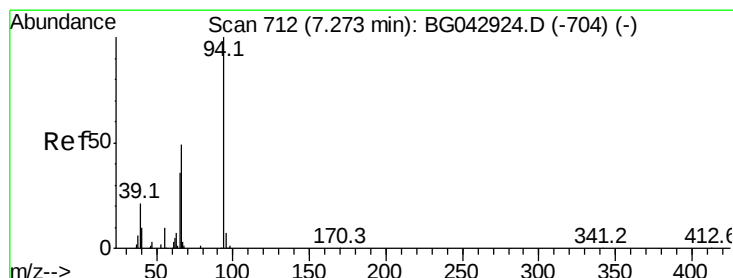
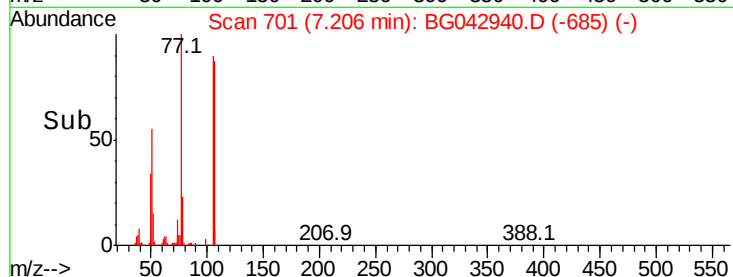
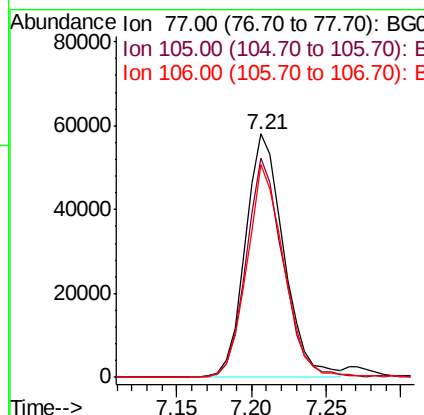
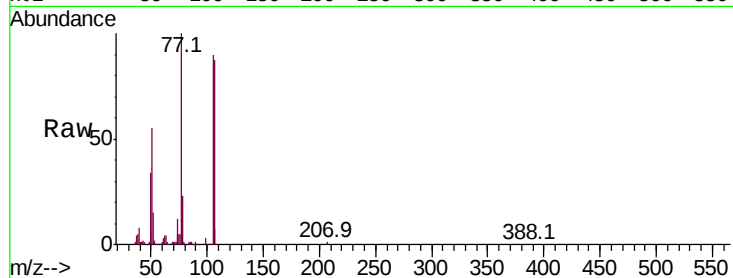
ClientSampleId :

PB123461BS

Tot Ion:	77	Resp:	102964
Ion	Ratio	Lower	Upper
77	100		
105	90.2	64.6	104.6
106	87.3	59.4	99.4

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#10

Phenol

Concen: 46.065 ng

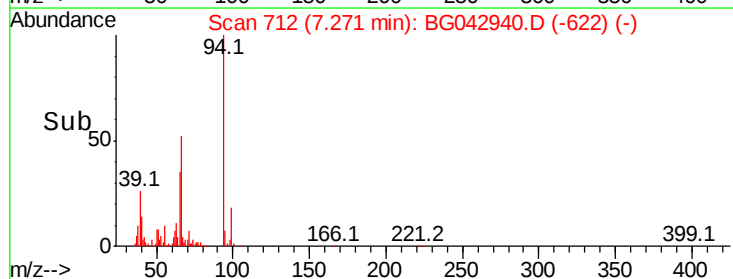
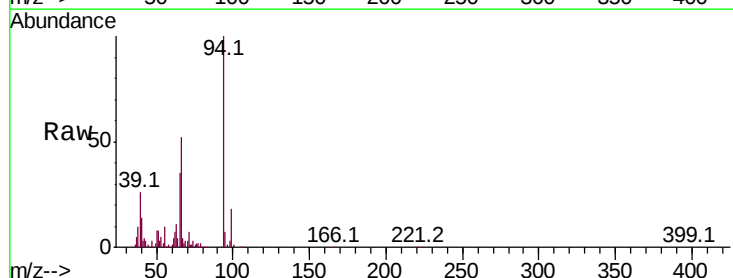
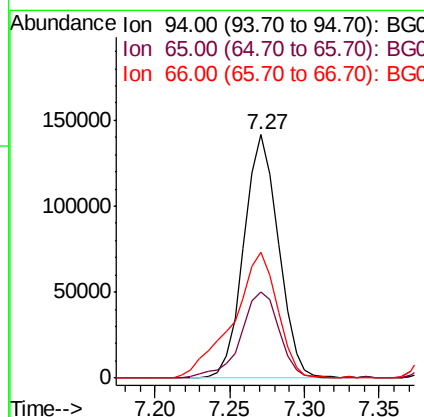
RT: 7.27 min Scan# 712

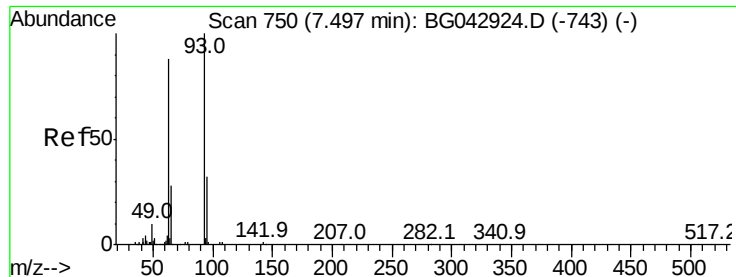
Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Tgt Ion:	94	Resp:	227952
Ion	Ratio	Lower	Upper
94	100		
65	35.4	16.6	56.6
66	51.8	32.4	72.4





#11

bis(2-Chloroethyl)ether

Concen: 42.987 ng

RT: 7.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

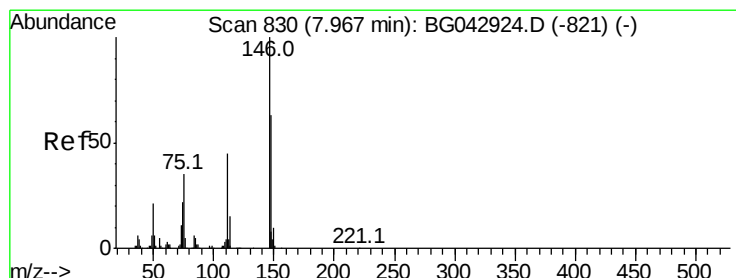
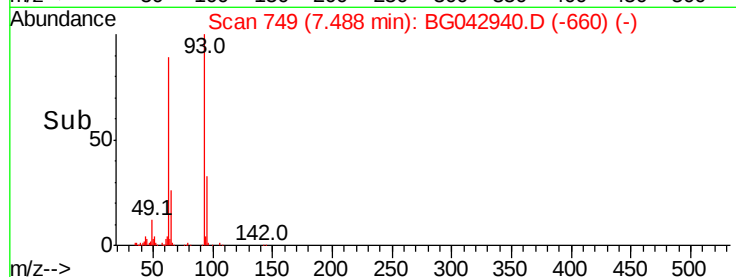
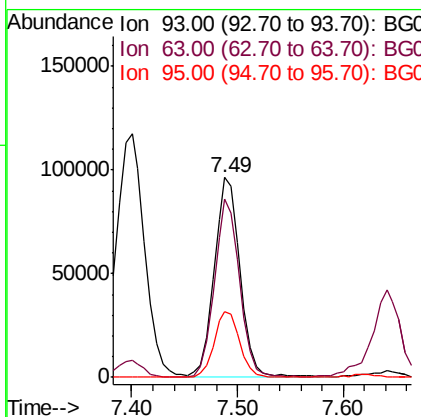
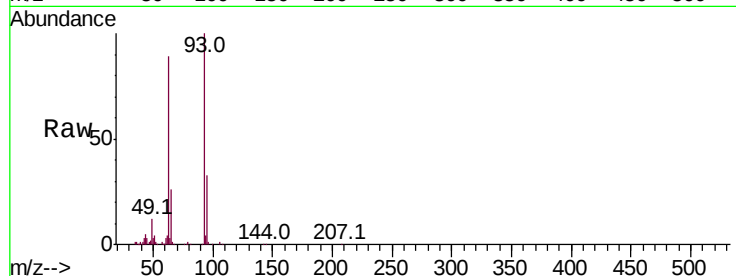
ClientSampleId :

PB123461BS

Tot Ion:	93	Resp:	164587
Ion Ratio	Lower	Upper	
93	100		
63	89.3	67.4	107.4
95	32.9	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 39.782 ng

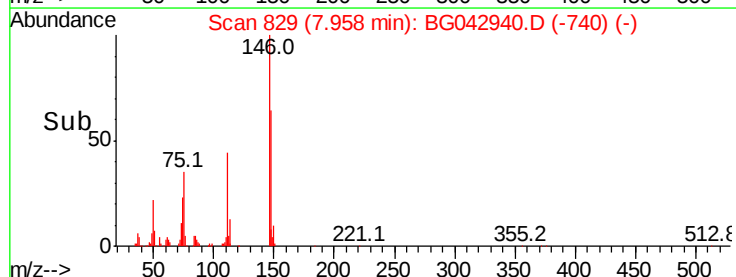
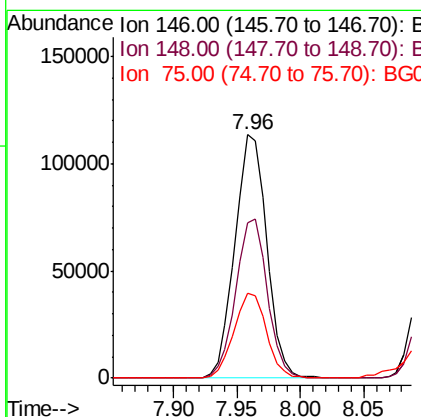
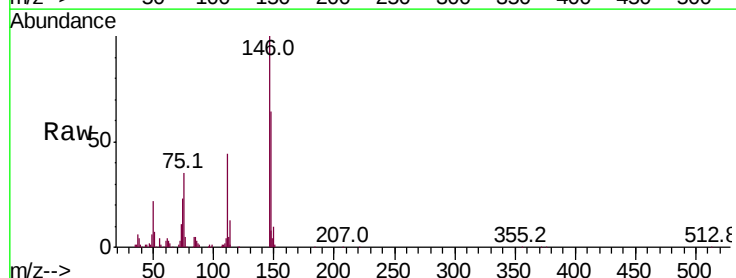
RT: 7.96 min Scan# 829

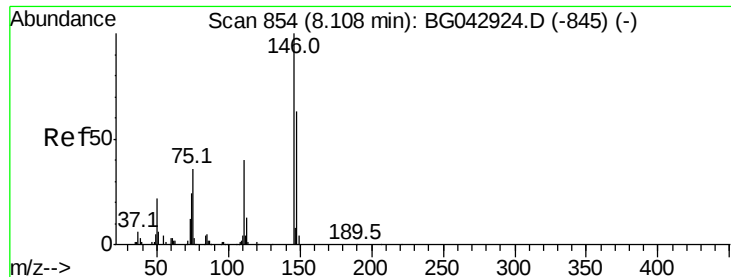
Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Tgt Ion:	146	Resp:	198227
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.7	76.1
75	34.8	27.7	41.5





#13

1,4-Dichlorobenzene

Concen: 41.279 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

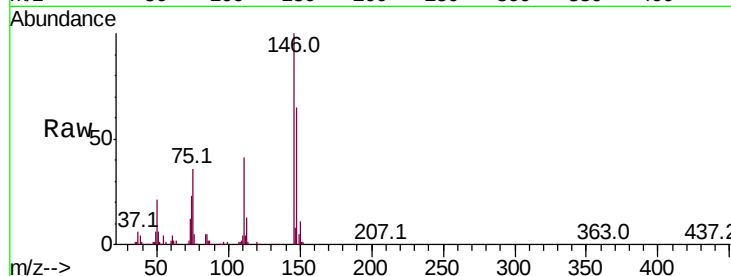
ClientSampleId :

PB123461BS

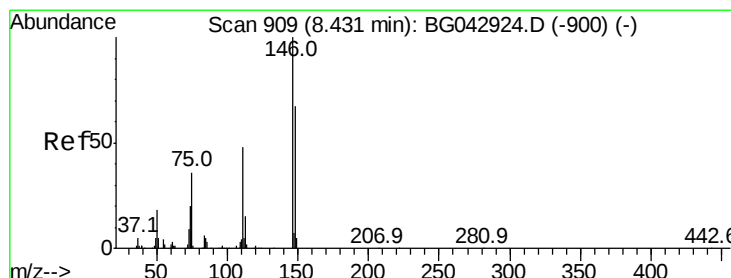
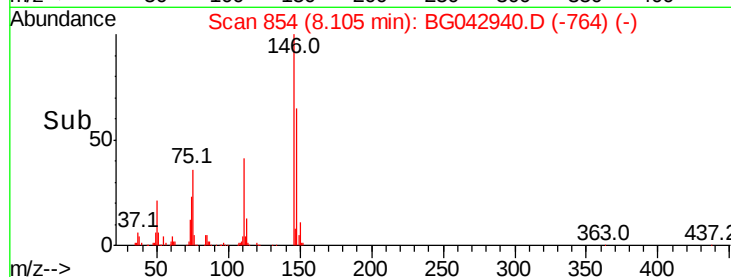
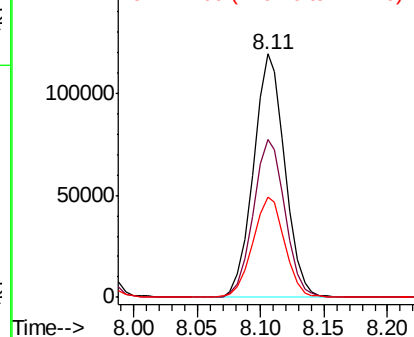
Tot Ion:	146	Resp:	205042
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.9	76.3
111	41.0	31.8	47.8

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.214 ng

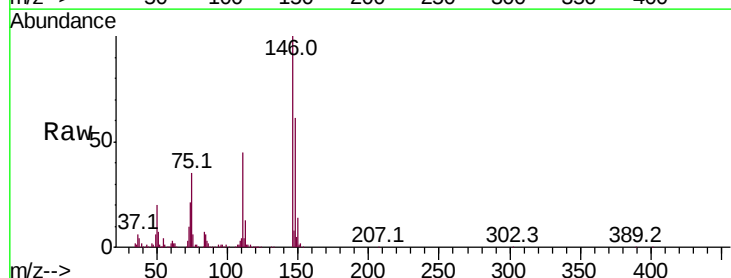
RT: 8.43 min Scan# 909

Delta R.T. -0.00 min

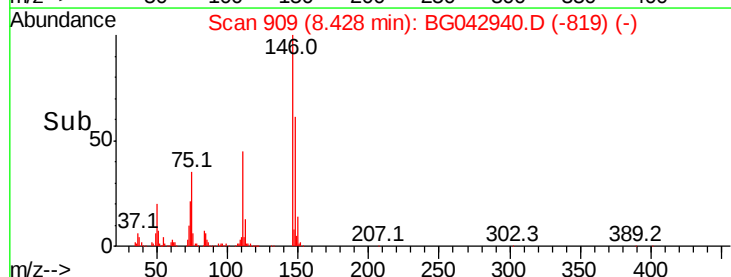
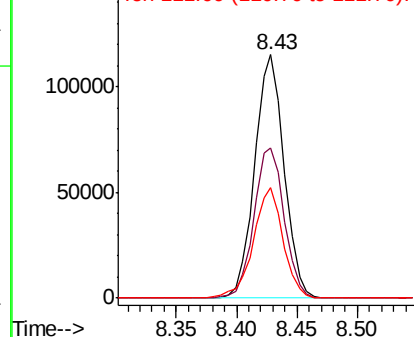
Lab File: BG042940.D

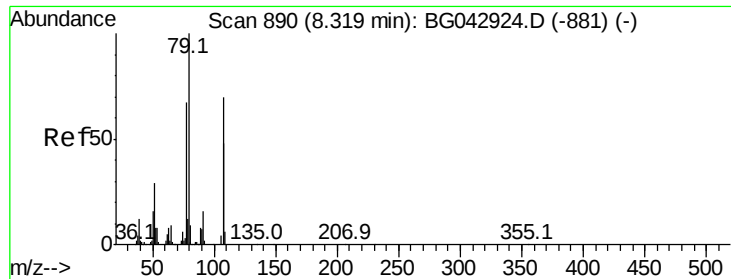
Acq: 30 Sep 2019 13:03

Tgt Ion:	146	Resp:	194903
Ion Ratio	Lower	Upper	
146	100		
148	61.5	53.4	80.2
111	45.5	38.5	57.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.361 ng

RT: 8.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

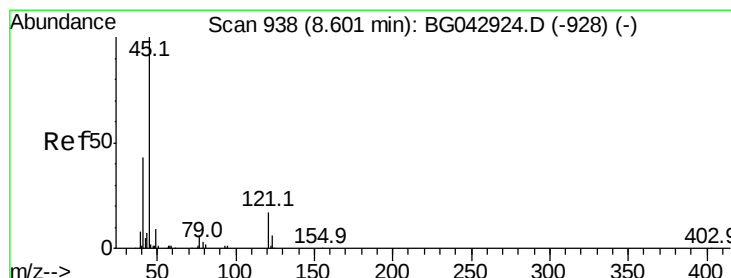
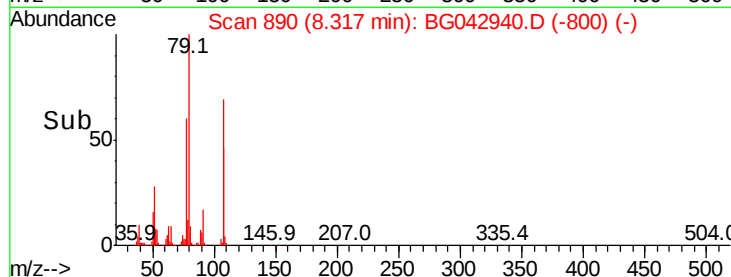
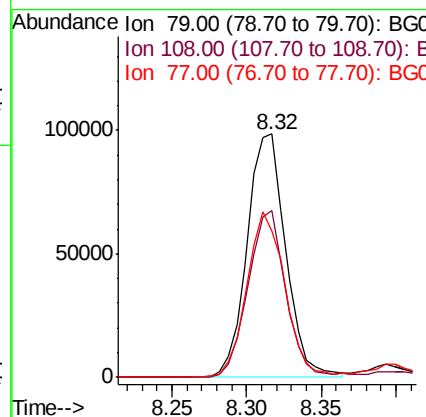
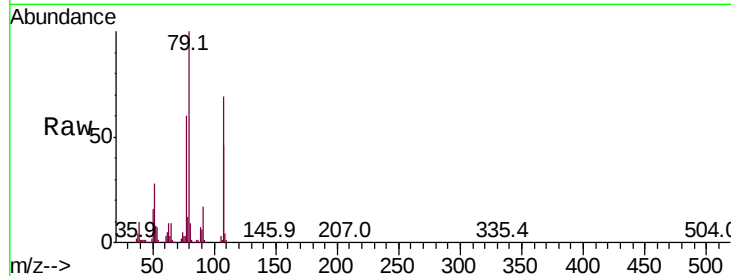
ClientSampleID :

PB123461BS

Tot Ion:	79	Resp:	175836
Ion Ratio	Lower	Upper	
79	100		
108	68.6	55.7	83.5
77	59.9	53.3	79.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.607 ng

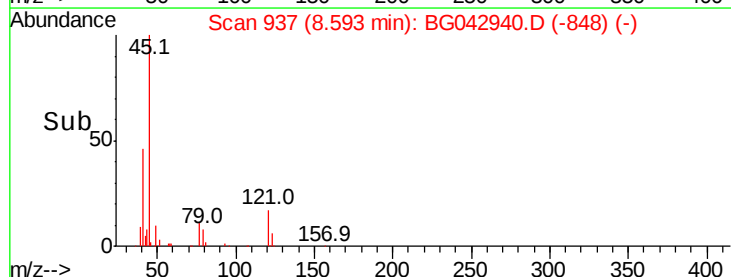
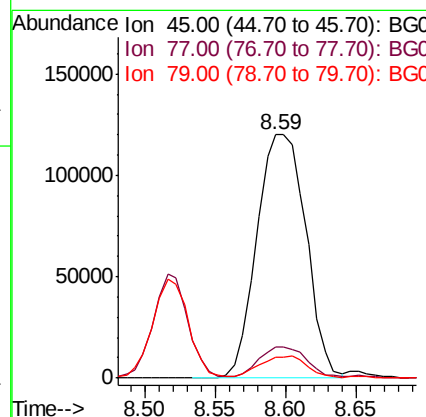
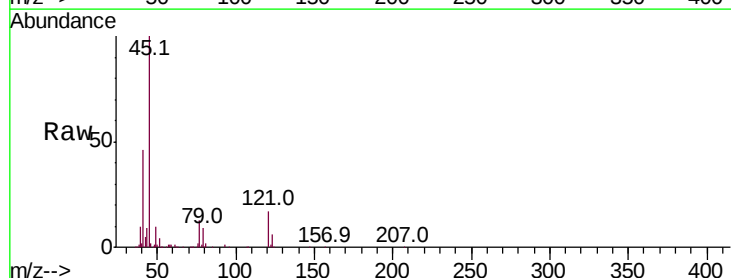
RT: 8.59 min Scan# 937

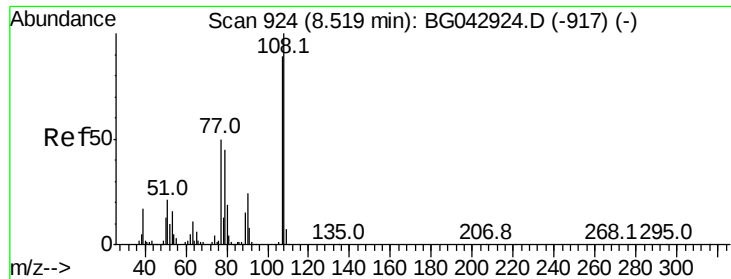
Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Tgt Ion:	45	Resp:	291229
Ion Ratio	Lower	Upper	
45	100		
77	12.9	0.0	32.8
79	8.8	0.0	29.4





#17

2-Methylphenol

Concen: 44.113 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

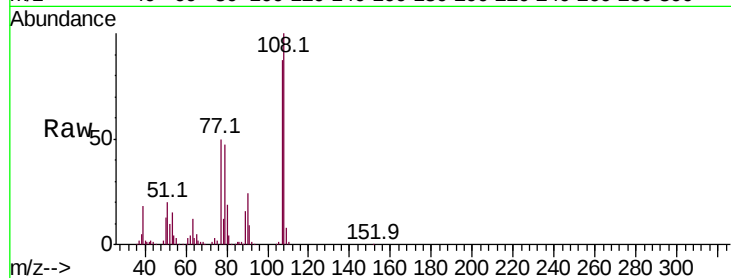
ClientSampleId :

PB123461BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.2	89.9	134.9	
77	57.7	45.4	68.2	
79	54.3	41.4	62.0	

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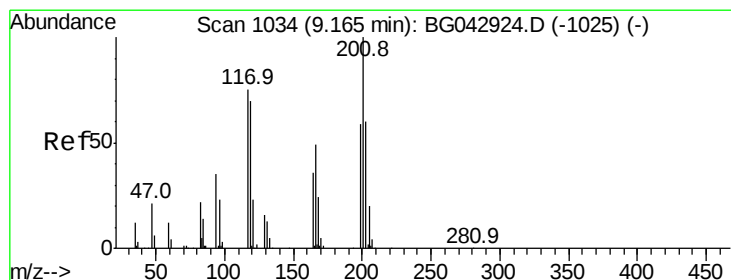
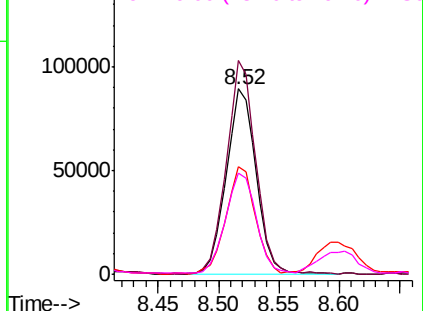
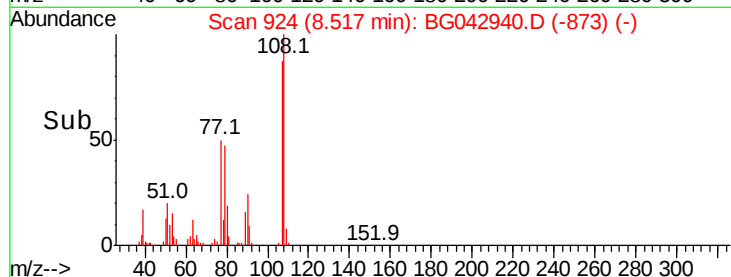
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.985 ng

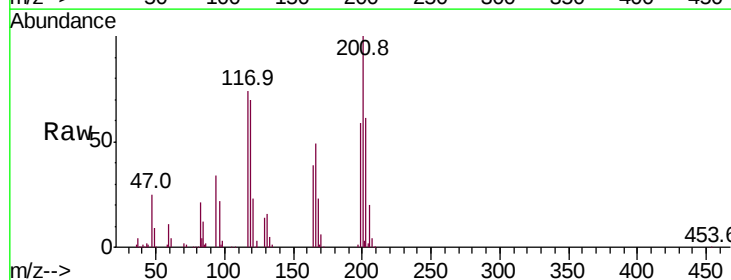
RT: 9.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.8	74.6	111.8	
201	134.6	106.0	159.0	

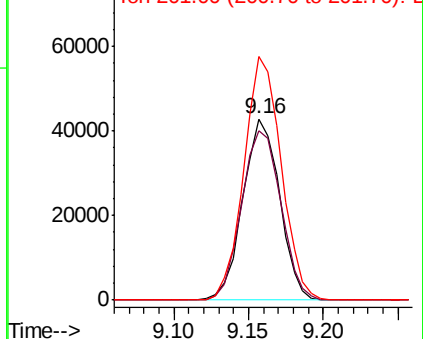
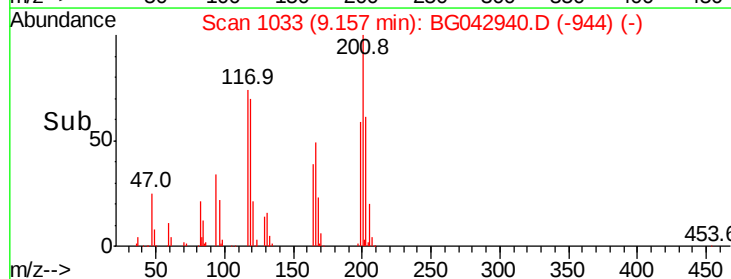


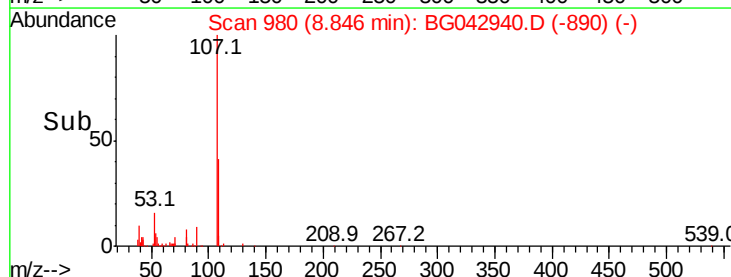
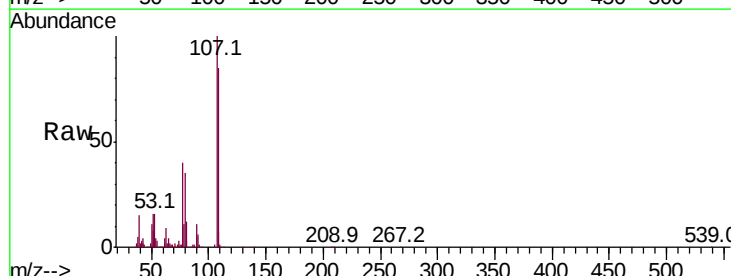
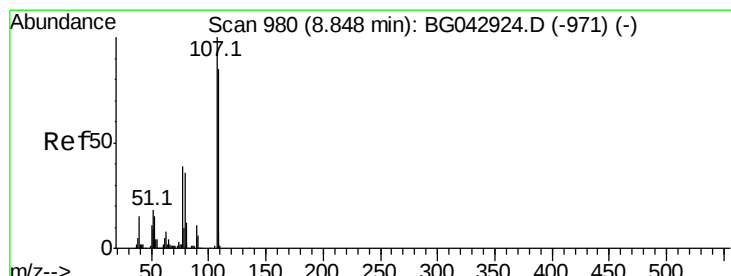
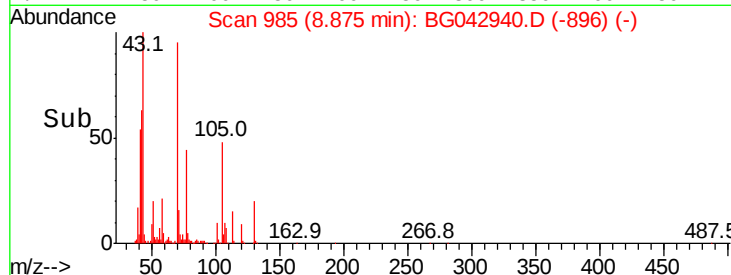
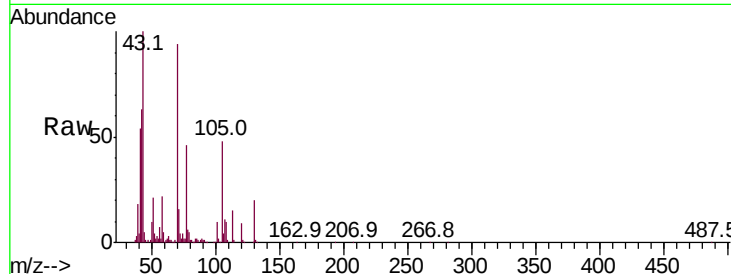
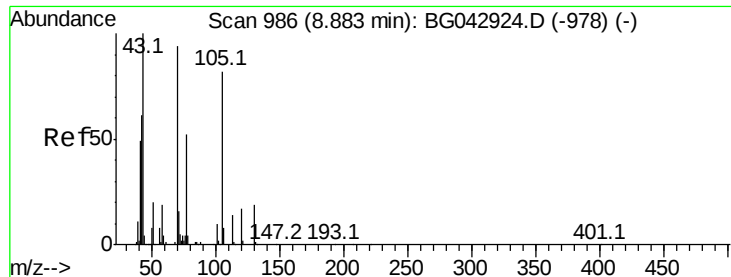
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





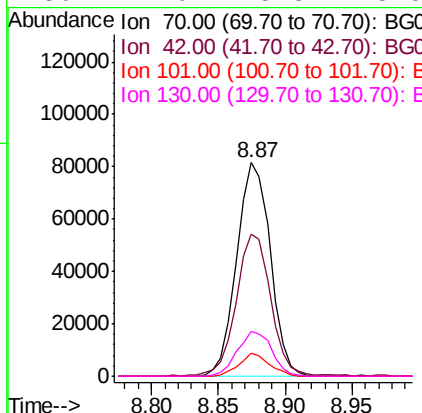
#19
n-Nitroso-di-n-propylamine
Concen: 40.180 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB123461BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.7	52.6	79.0
101	10.8	8.7	13.1
130	21.0	15.8	23.8

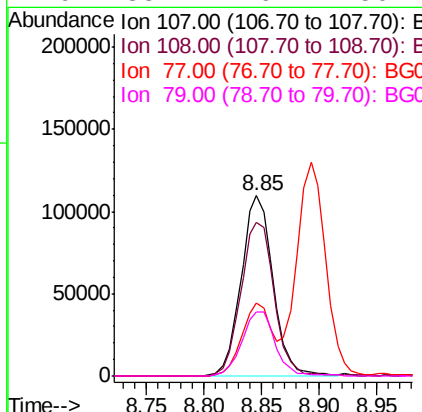
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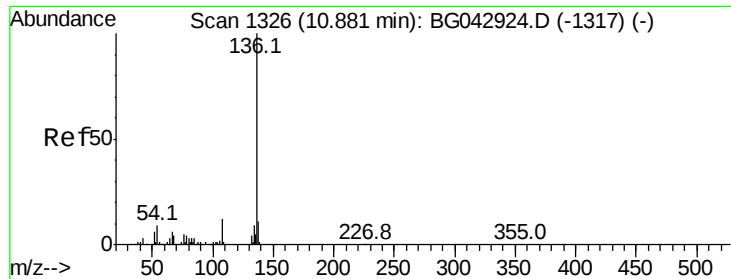
mohammad
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#20
3+4-Methylphenols
Concen: 44.324 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.4	64.9	104.9
77	40.2	19.4	59.4
79	35.4	16.2	56.2





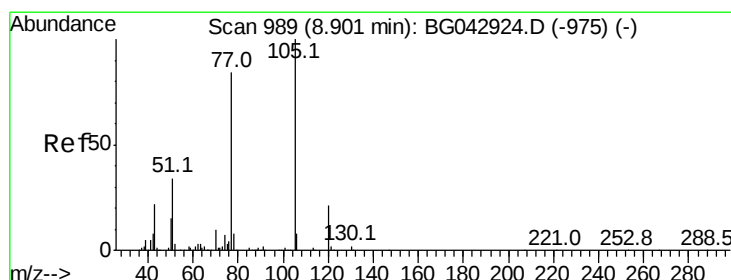
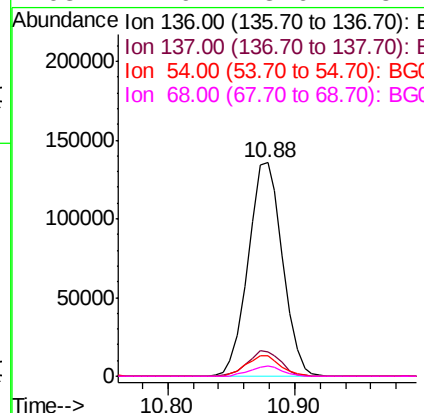
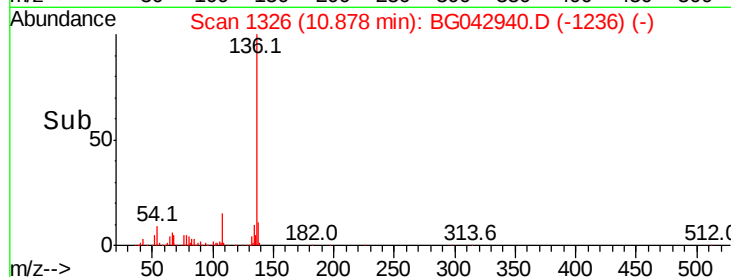
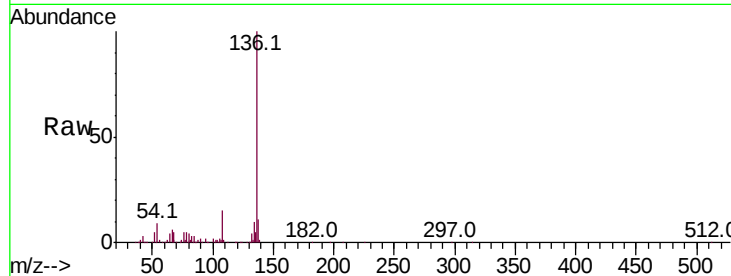
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB123461BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.5	12.7	
54	9.4	7.4	11.2	
68	4.9	3.6	5.4	

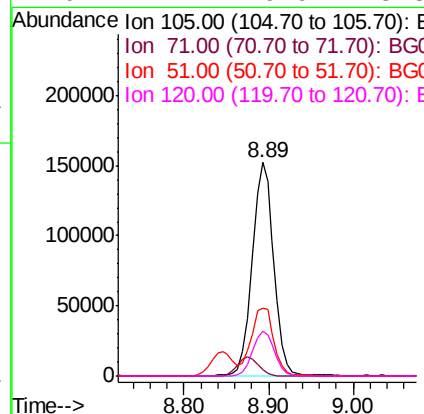
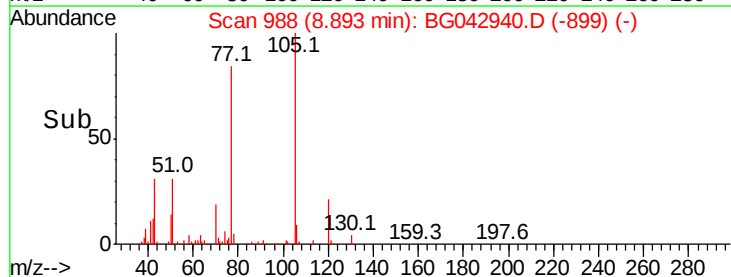
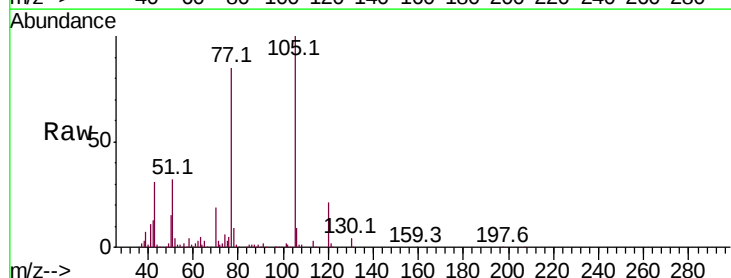
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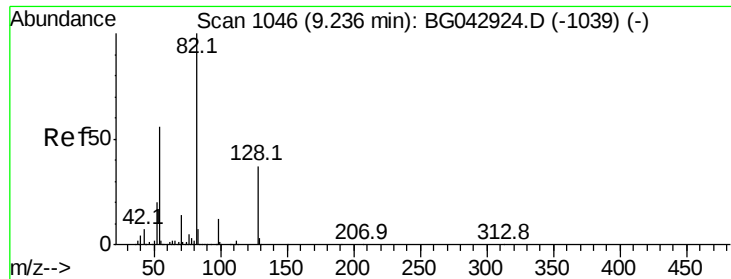
mohammad
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#22
Acetophenone
Concen: 41.355 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.2	1.2	1.8#	
51	31.7	27.2	40.8	
120	21.2	16.9	25.3	





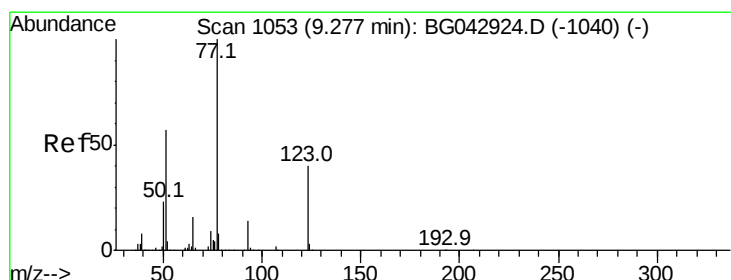
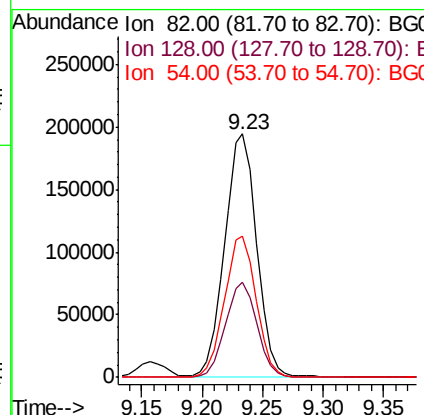
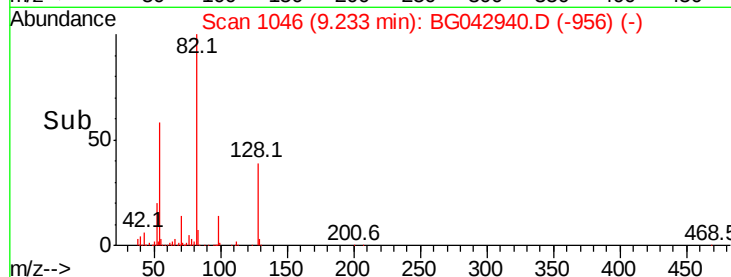
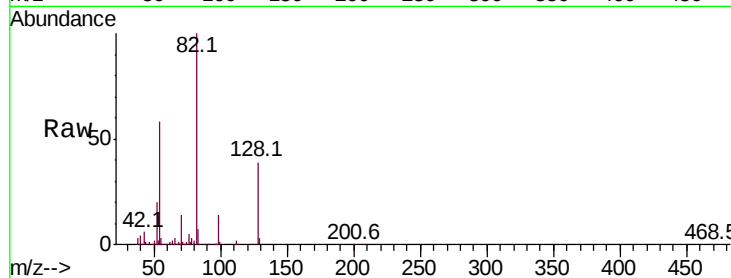
#23
 Nitrobenzene-d5
 Concen: 68.037 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Instrument :
 BNA_G
 ClientSampleId :
 PB123461BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.3	29.5	44.3
54	57.9	44.6	67.0

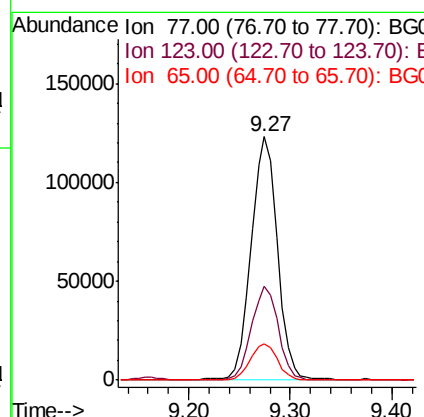
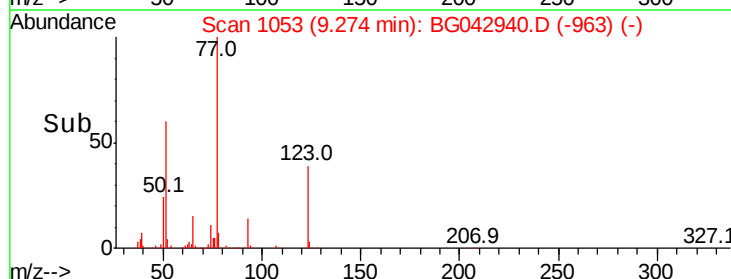
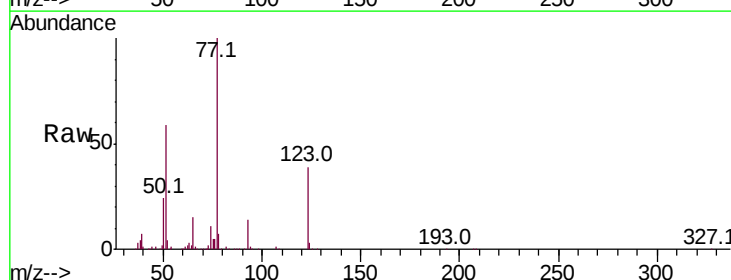
Manual Integrations
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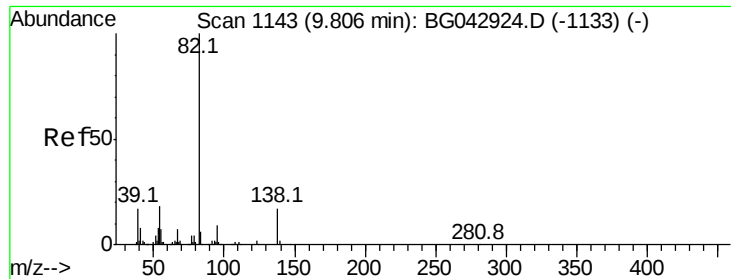
mohammad
 10/2/2019 8:33:11 AM



#24
 Nitrobenzene
 Concen: 43.998 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.6	31.9	47.9
65	14.8	12.4	18.6





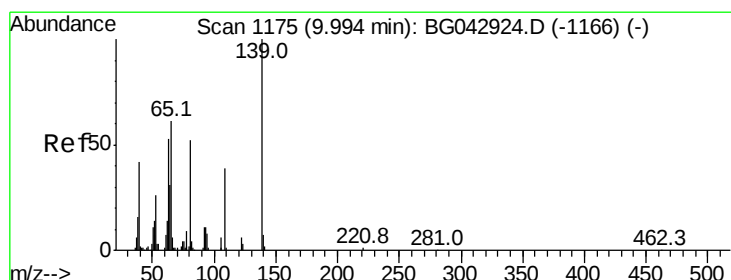
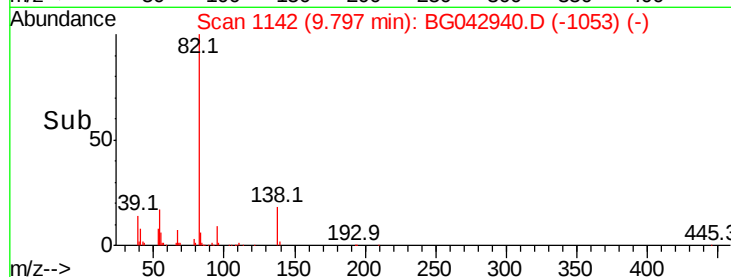
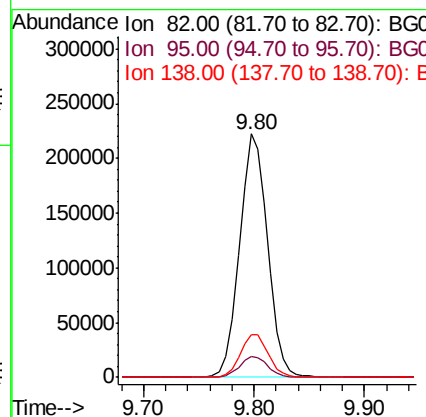
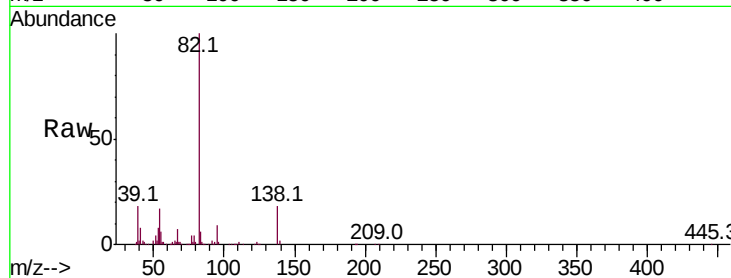
#25
Isophorone
Concen: 42.937 ng
RT: 9.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB123461BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.6	7.0	10.4	
138	17.6	13.8	20.6	

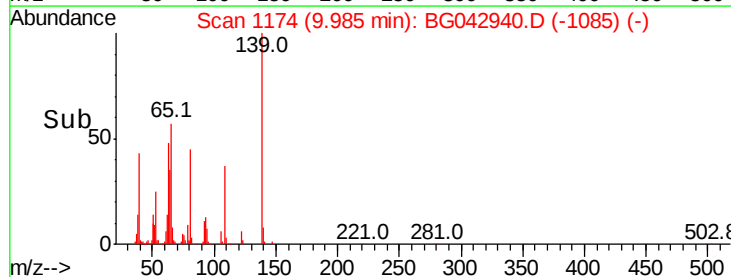
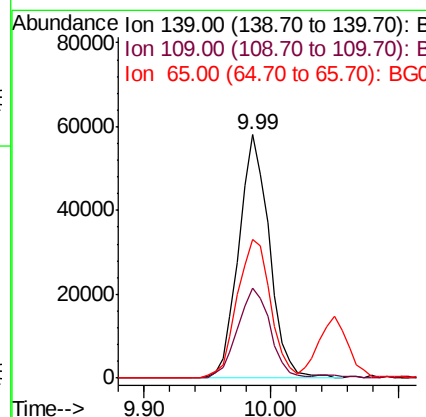
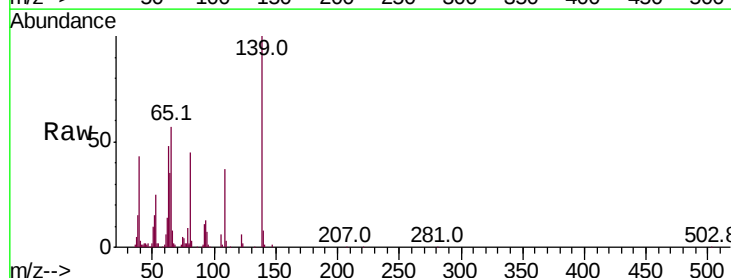
Manual Integrations
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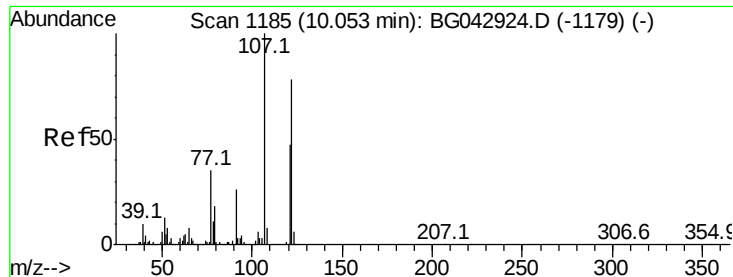
mohammad
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#26
2-Nitrophenol
Concen: 45.679 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	37.2	31.0	46.6	
65	56.8	48.4	72.6	





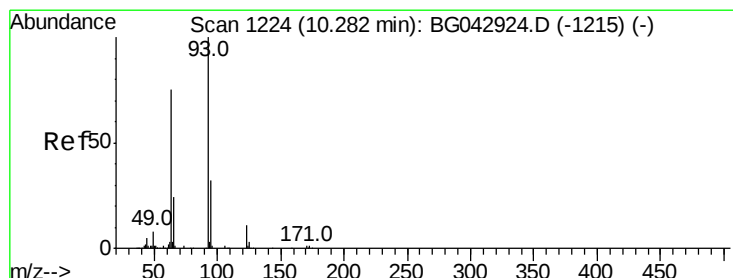
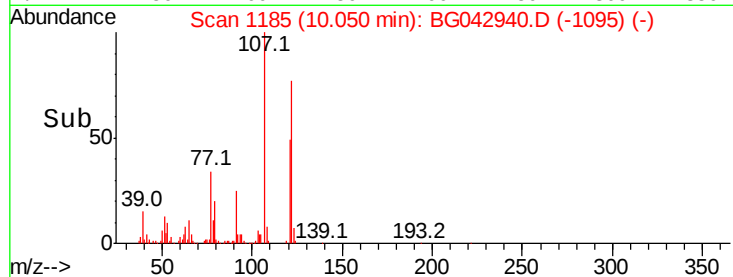
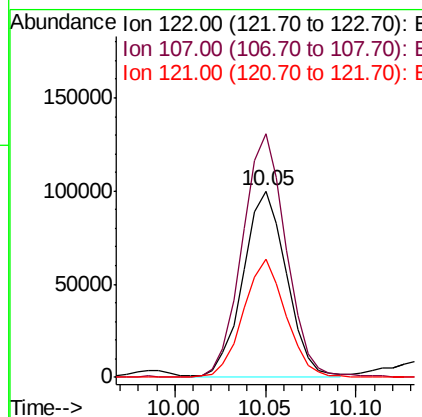
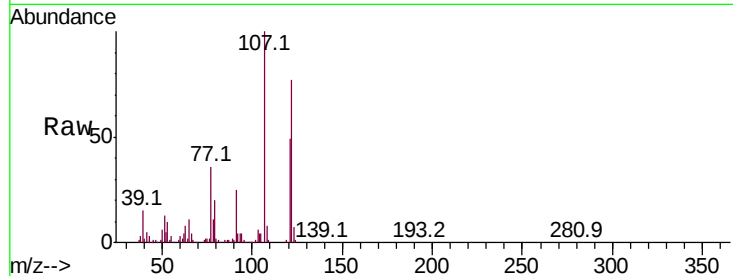
#27
2,4-Dimethylphenol
Concen: 50.718 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB123461BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.5	102.2	153.2
121	63.4	48.5	72.7

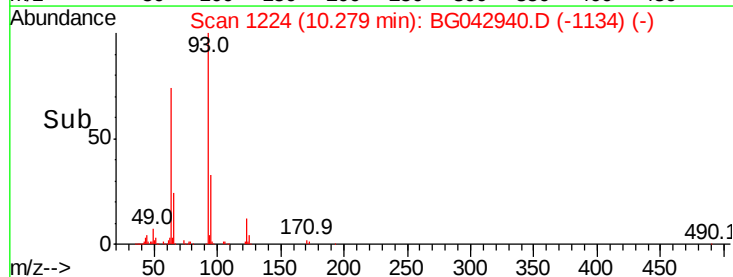
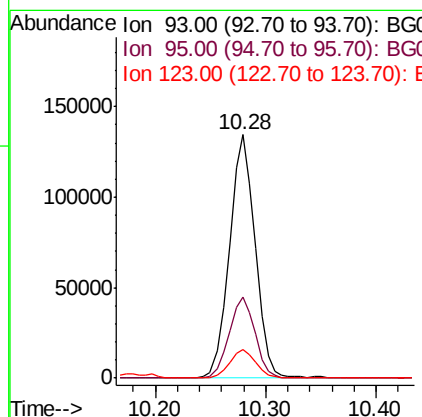
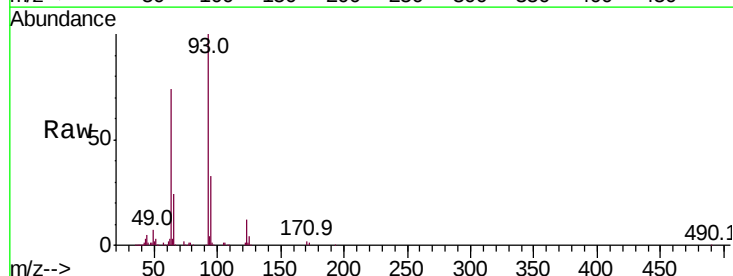
Manual Integrations
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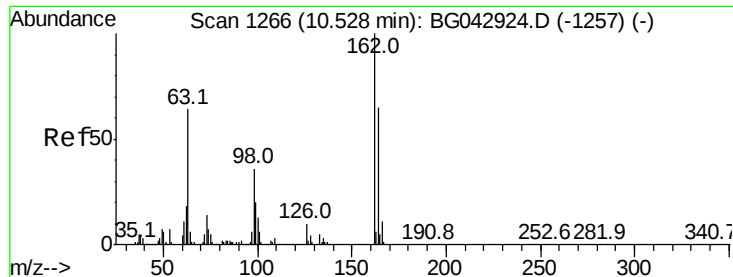
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#28
bis(2-Chloroethoxy)methane
Concen: 42.028 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.4	38.0
123	11.8	9.3	13.9





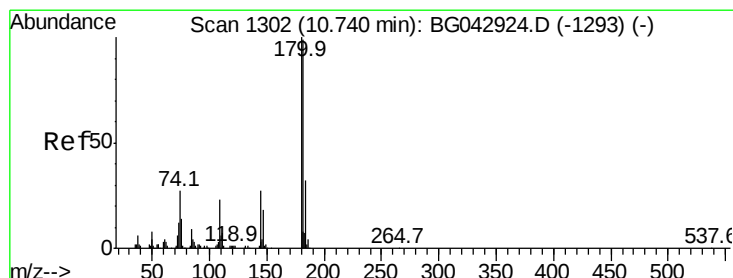
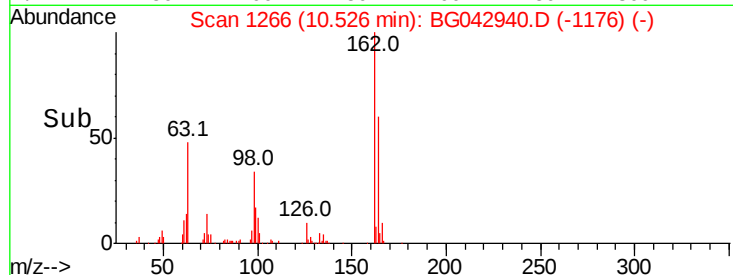
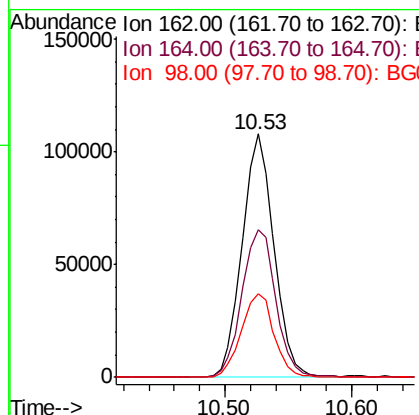
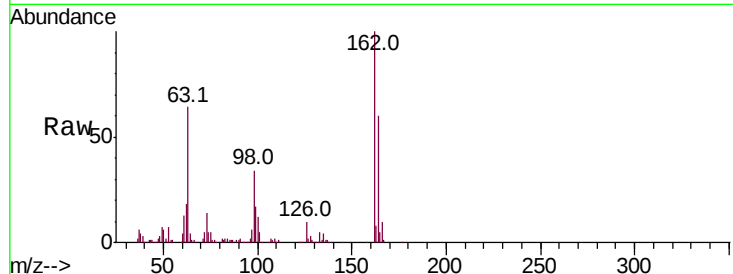
#29
 2,4-Dichlorophenol
 Concen: 46.258 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Instrument :
 BNA_G
 ClientSampleId :
 PB123461BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	187939		
164	60.5		44.7	84.7
98	34.5		16.0	56.0

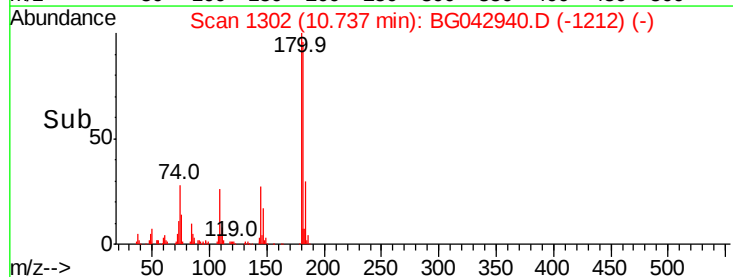
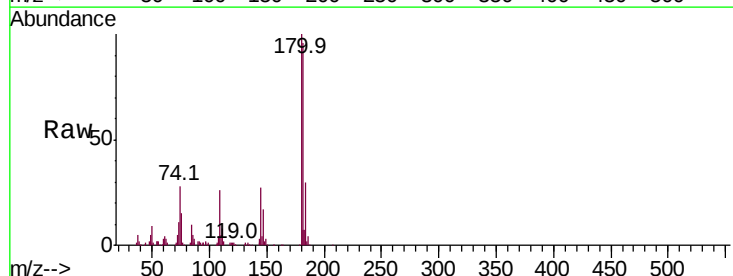
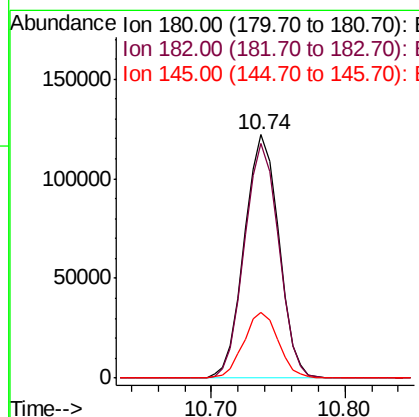
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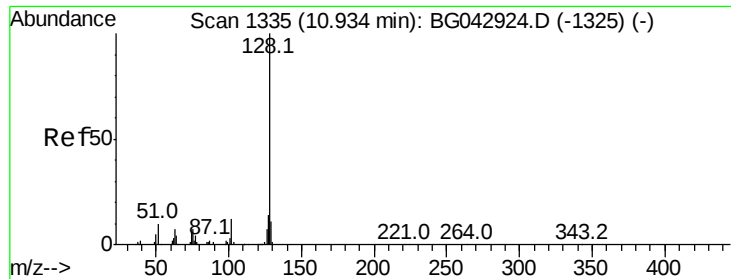
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.584 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	218178		
182	96.2		79.3	118.9
145	27.1		22.0	33.0





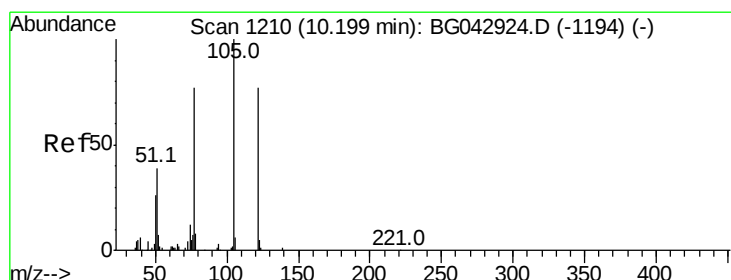
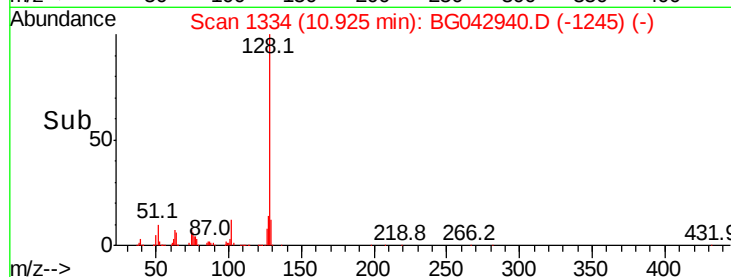
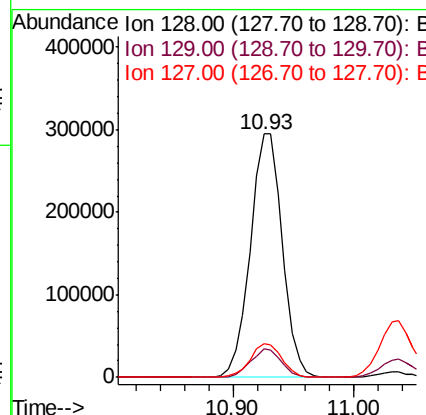
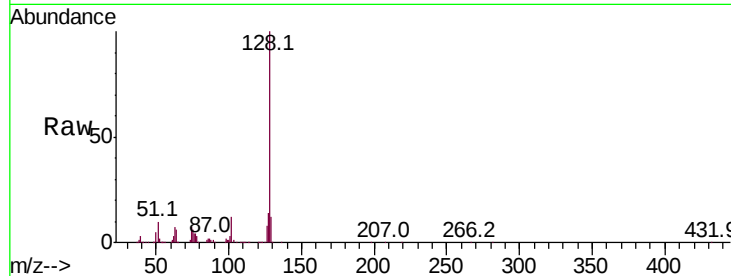
#31
Naphthalene
Concen: 43.407 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB123461BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	544070		
129	11.8		8.8	13.2
127	14.0		11.3	16.9

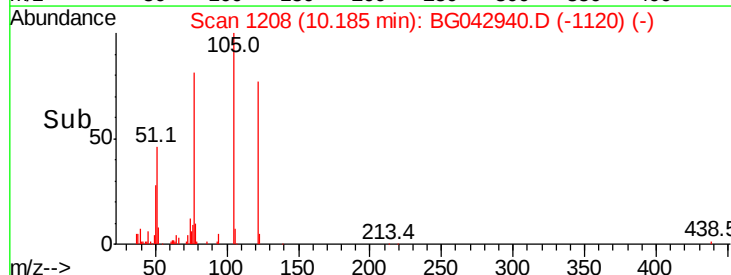
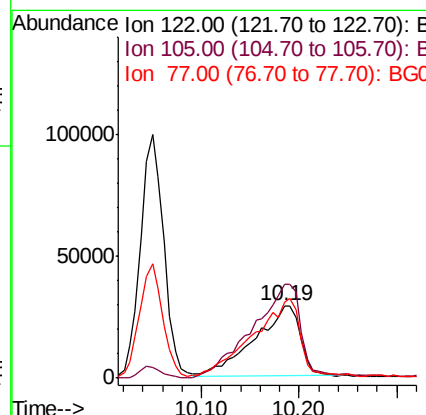
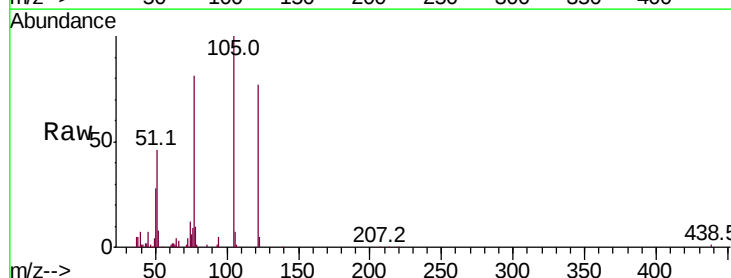
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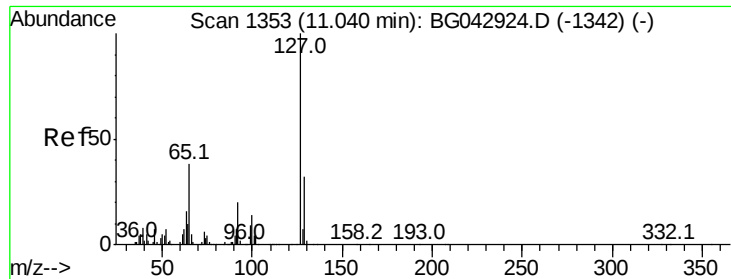
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#32
Benzoic acid
Concen: 39.438 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	96311		
105	129.1		107.5	147.5
77	104.8		79.8	119.8





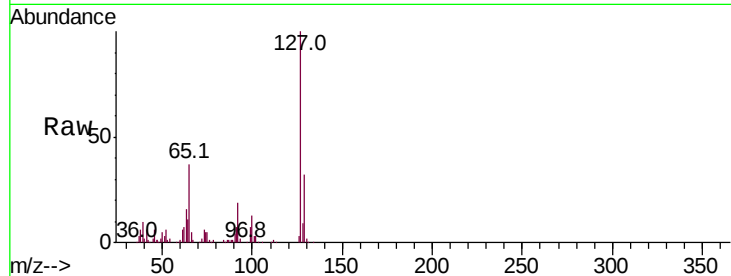
#33
4-Chloroaniline
Concen: 25.081 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampled :
PB123461BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.2	39.2		
65	37.2	30.6	45.8		
92	19.0	16.2	24.4		

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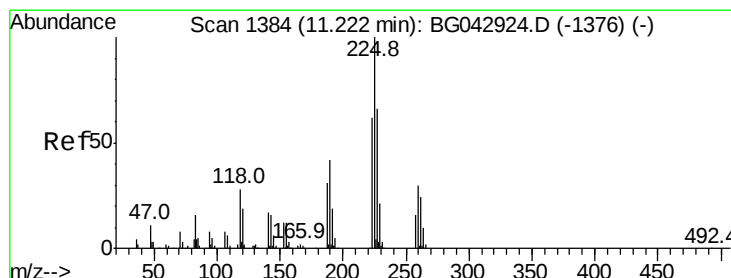
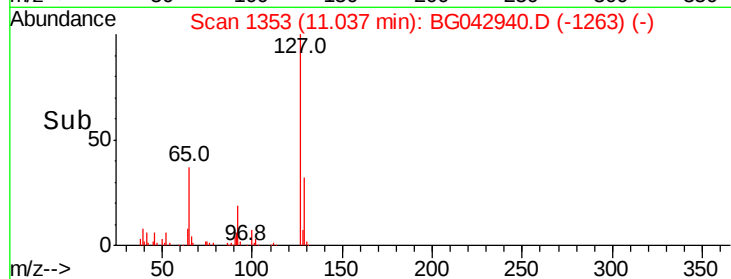
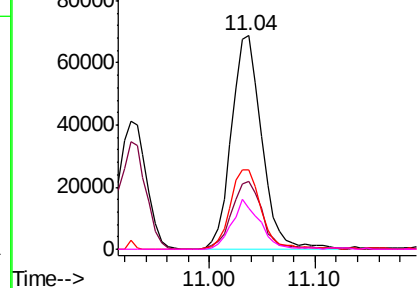
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

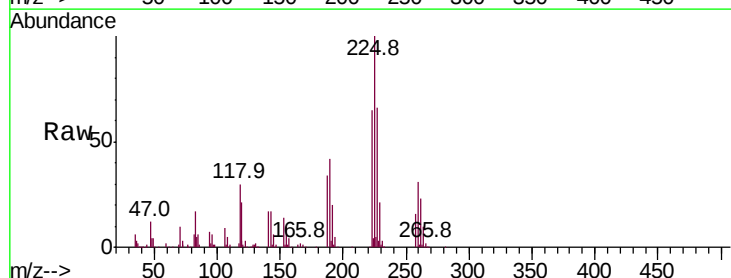
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 40.900 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.2	49.3	73.9		
227	66.1	52.8	79.2		

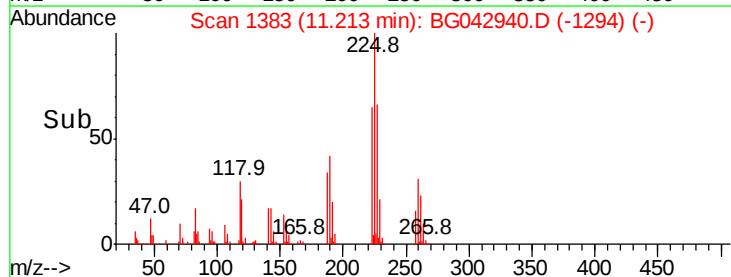
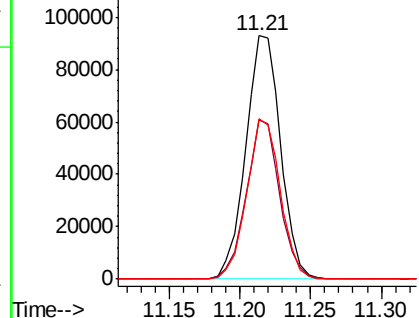


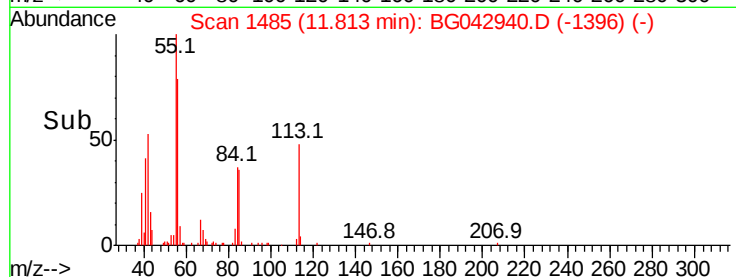
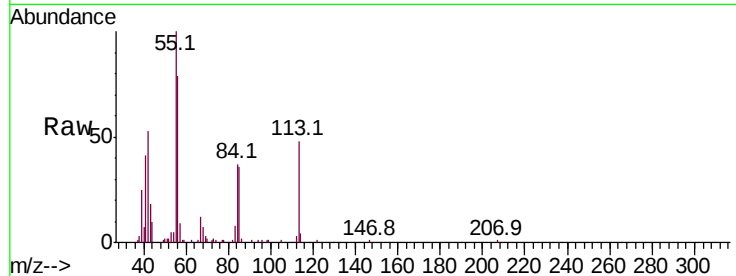
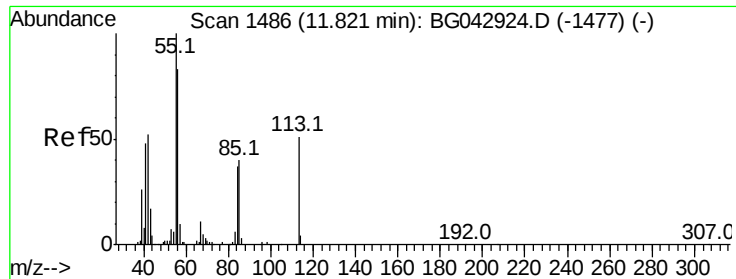
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.920 ng/ml

RT: 11.81 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampleId :

PB123461BS

Tot Ion:113 Resp: 61494

Ion Ratio Lower Upper

113 100

55 207.2 175.5 215.5

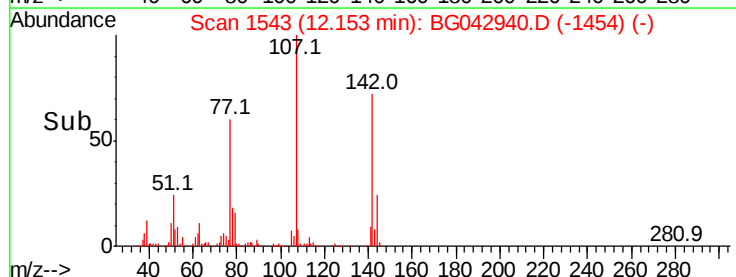
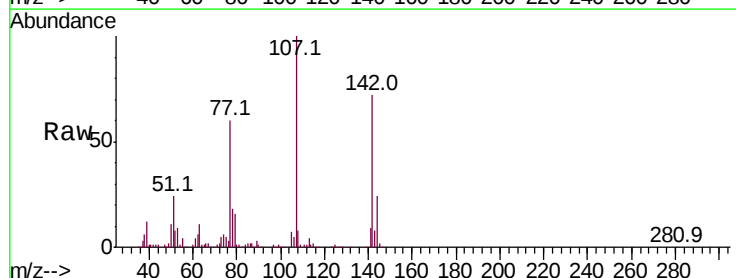
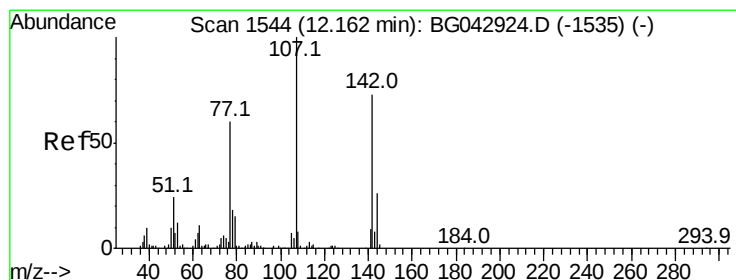
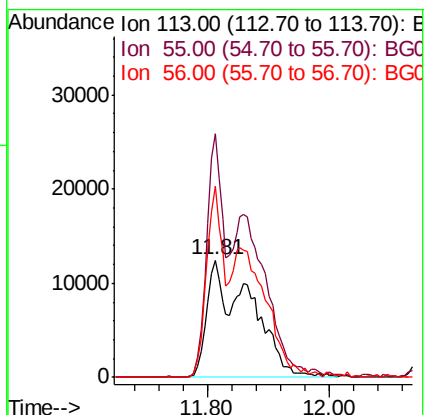
56 163.0 142.3 182.3

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#36

4-Chloro-3-methylphenol

Concen: 45.511 ng/ml

RT: 12.15 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

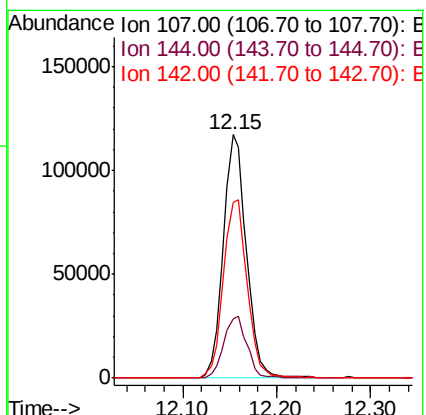
Tgt Ion:107 Resp: 201044

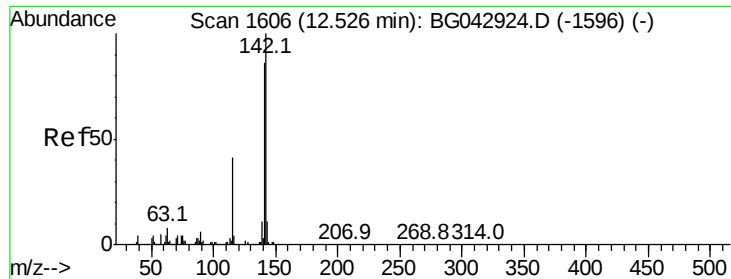
Ion Ratio Lower Upper

107 100

144 24.2 20.7 31.1

142 72.1 58.6 87.8





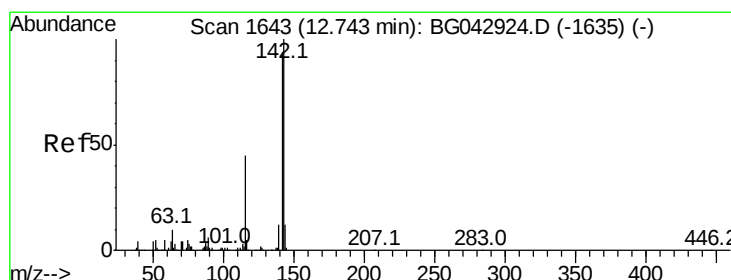
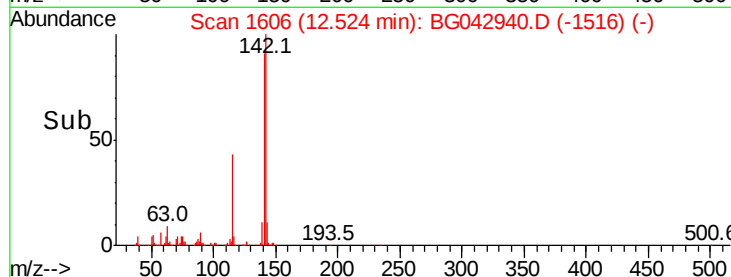
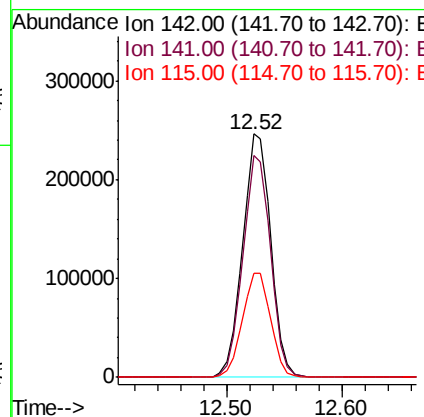
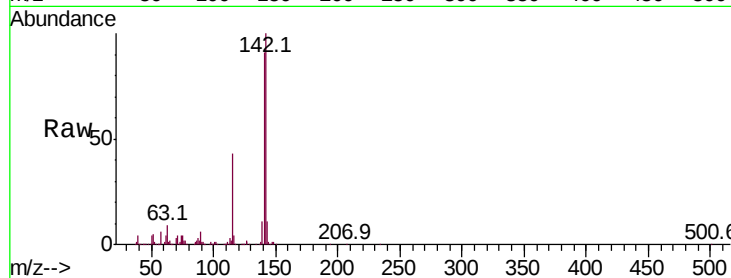
#37
2-Methylnaphthalene
Concen: 43.313 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB123461BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	90.9	69.0	103.4	
115	42.8	32.8	49.2	

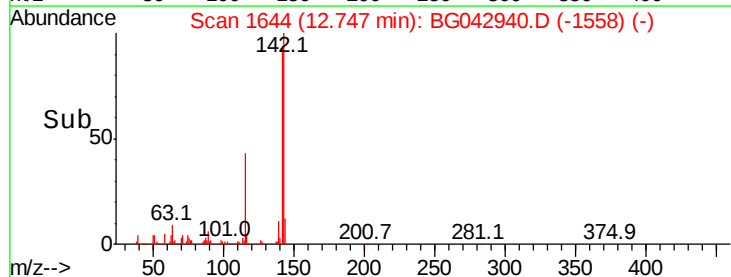
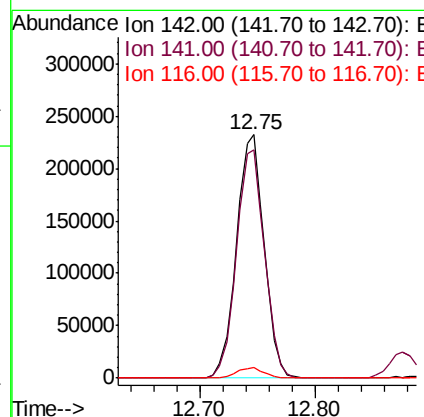
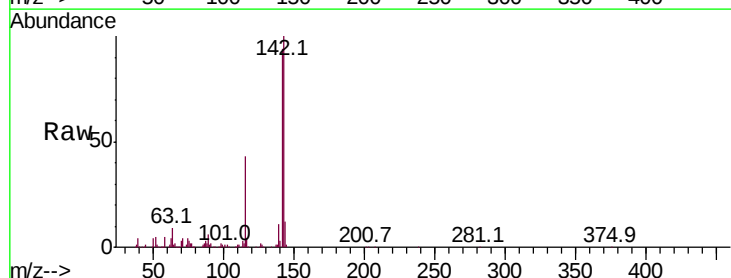
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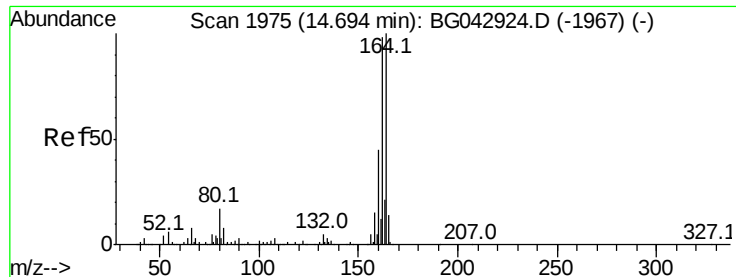
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#38
1-Methylnaphthalene
Concen: 42.392 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	93.9	74.9	112.3	
116	4.3	3.7	5.5	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

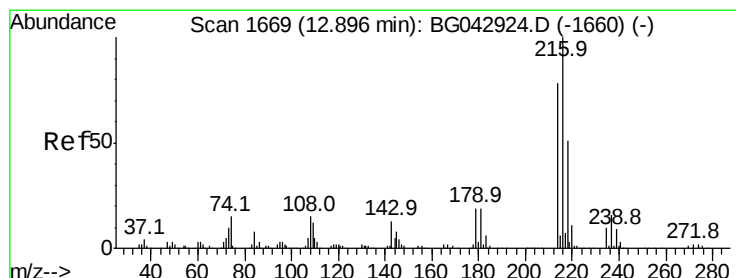
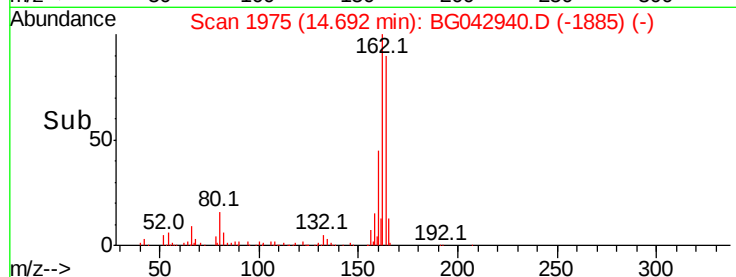
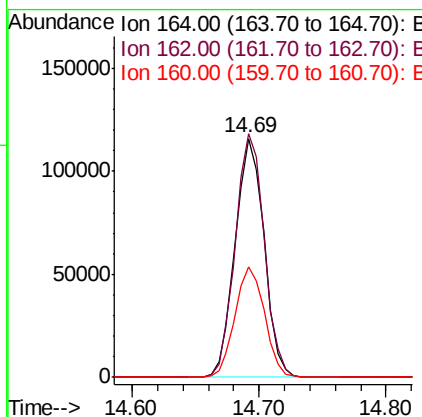
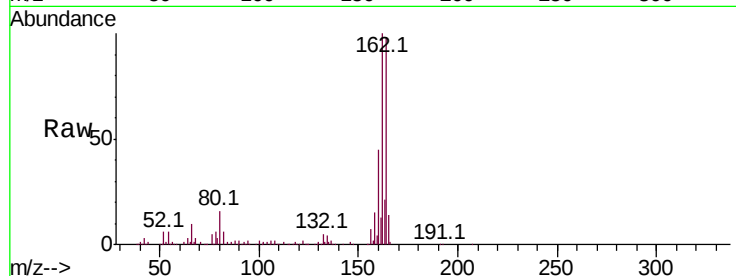
ClientSampleId :

PB123461BS

Tot Ion:	164	Resp:	182584
Ion Ratio	Lower	Upper	
164	100		
162	102.0	78.5	117.7
160	46.0	35.9	53.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.822 ng

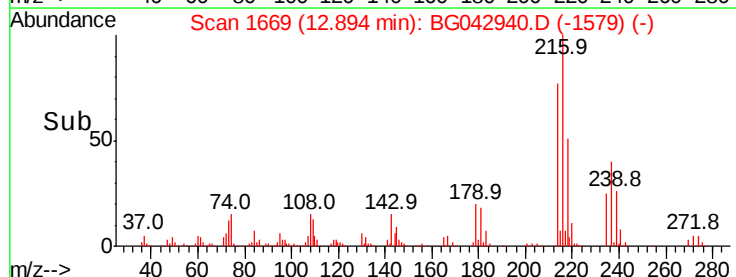
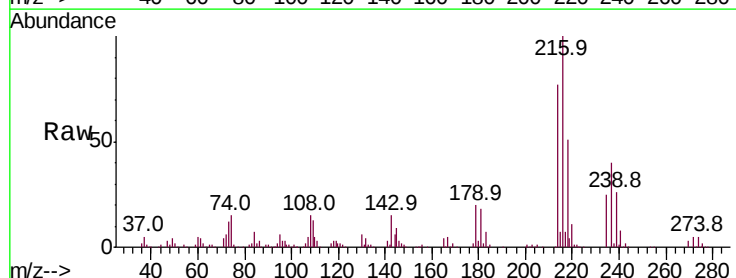
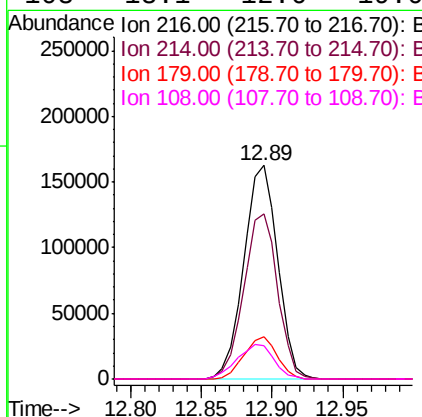
RT: 12.89 min Scan# 1669

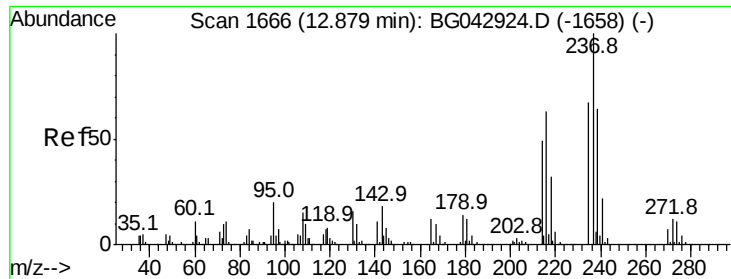
Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Tgt Ion:	216	Resp:	273379
Ion Ratio	Lower	Upper	
216	100		
214	77.6	62.4	93.6
179	19.2	15.4	23.2
108	18.1	12.6	19.0





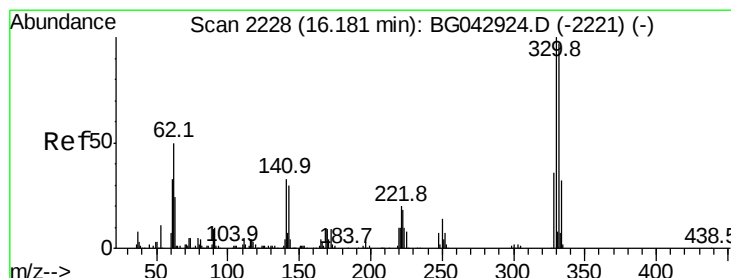
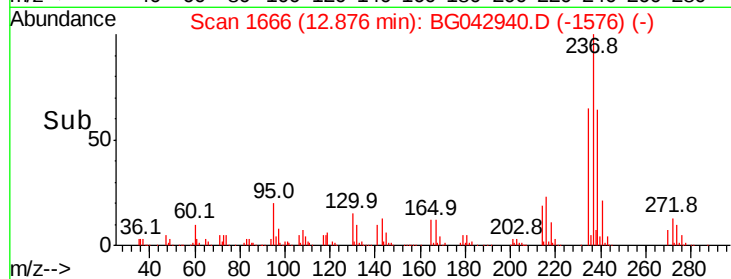
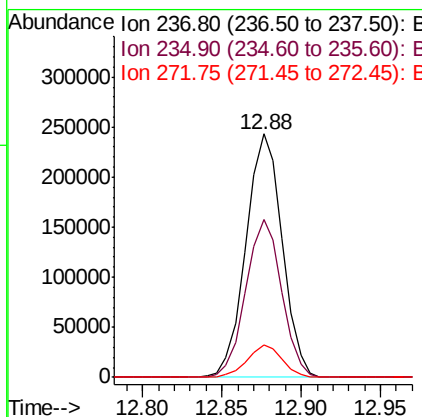
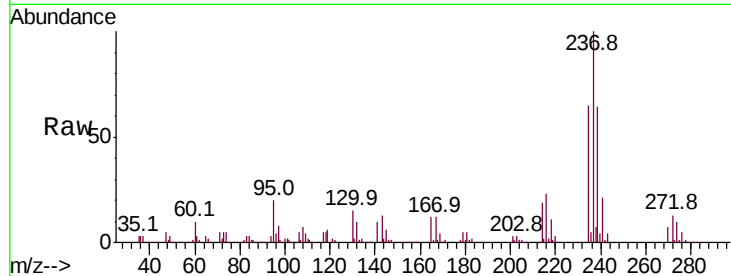
#41
Hexachlorocyclopentadiene
Concen: 88.442 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB123461BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	386853		
235	64.8	46.7	86.7	
272	13.1	0.0	32.3	

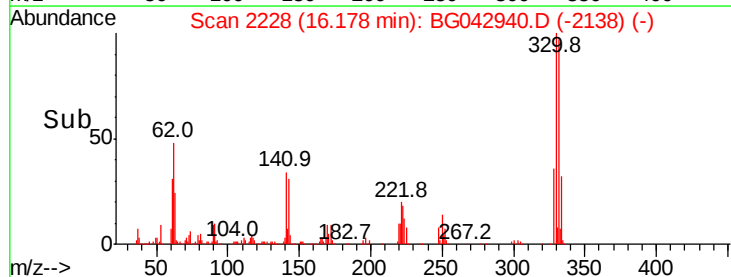
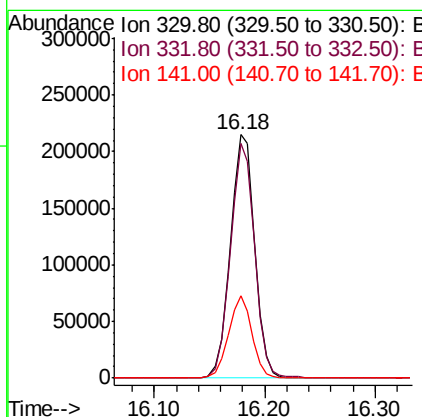
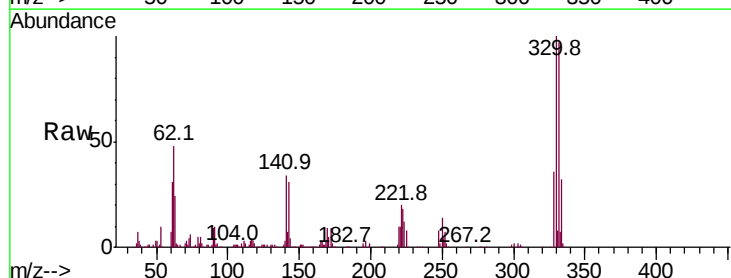
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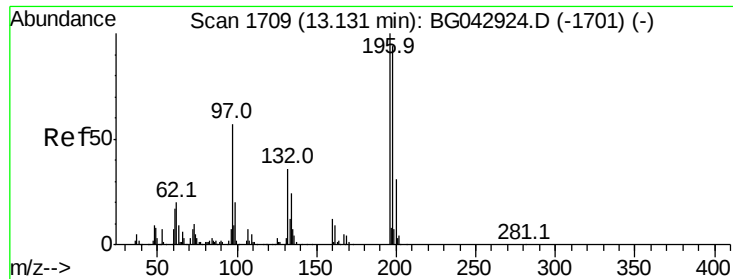
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#42
2,4,6-Tribromophenol
Concen: 105.943 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	332623		
332	95.8	78.2	117.2	
141	32.4	26.0	39.0	





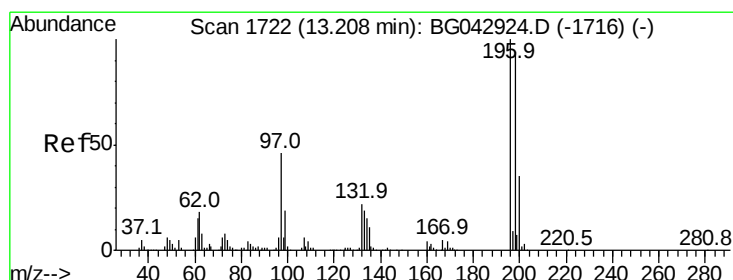
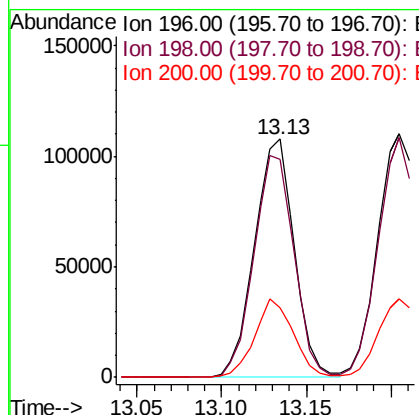
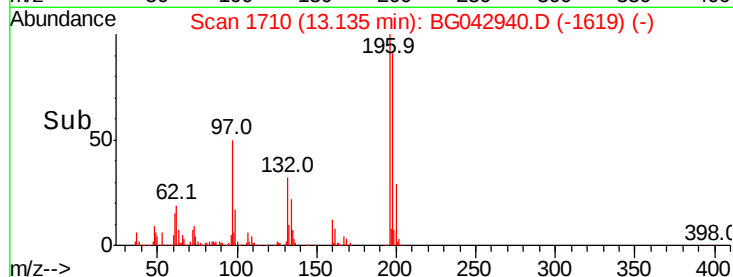
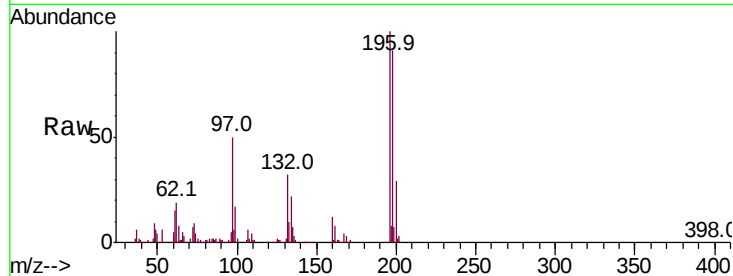
#43
2,4,6-Trichlorophenol
Concen: 43.863 ng
RT: 13.13 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB123461BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	176248		
198	91.3	75.5	113.3	
200	29.4	24.9	37.3	

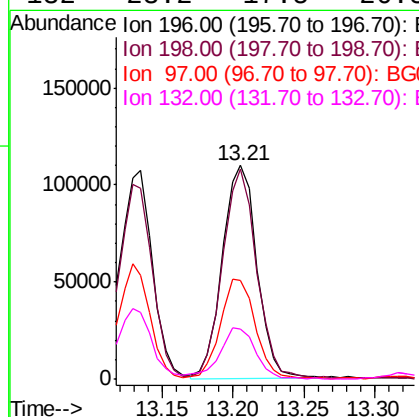
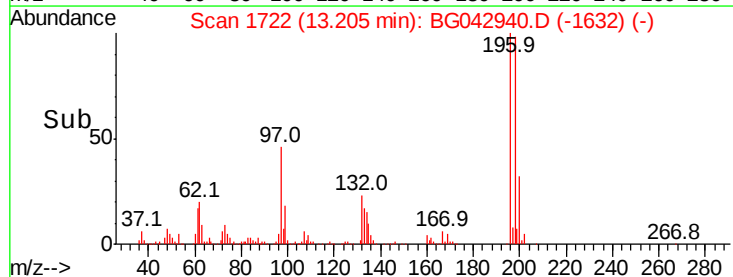
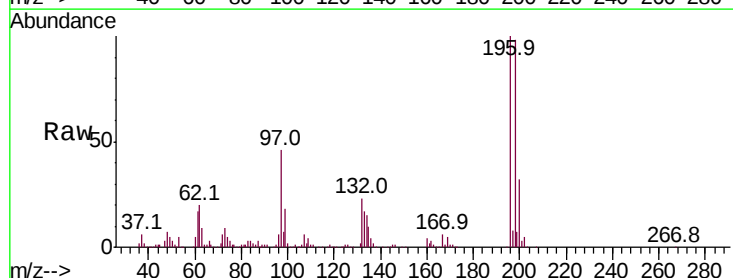
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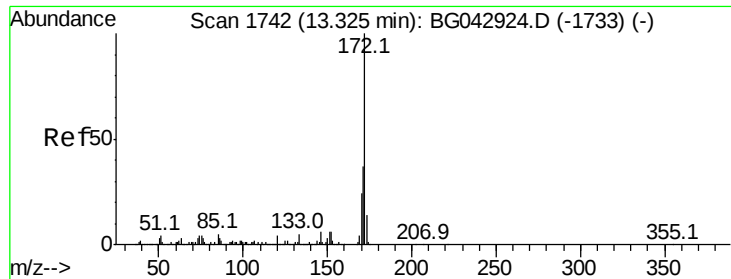
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#44
2,4,5-Trichlorophenol
Concen: 45.114 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186740		
198	98.5	75.1	112.7	
97	46.2	37.0	55.4	
132	23.2	17.5	26.3	





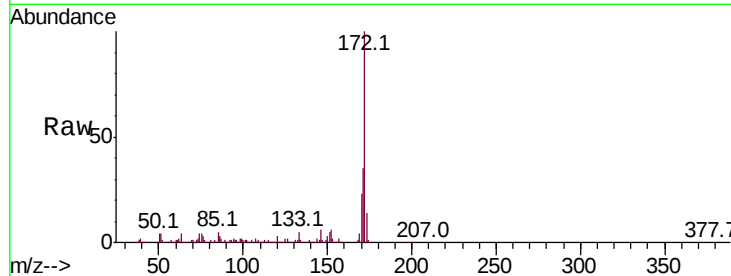
#45
2-Fluorobiphenyl
Concen: 68.702 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB123461BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.1	29.6	44.4	
170	22.9	19.6	29.4	

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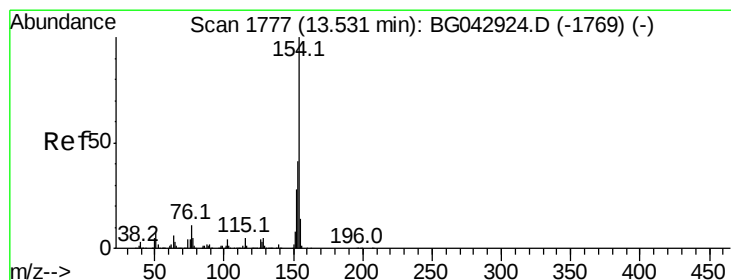
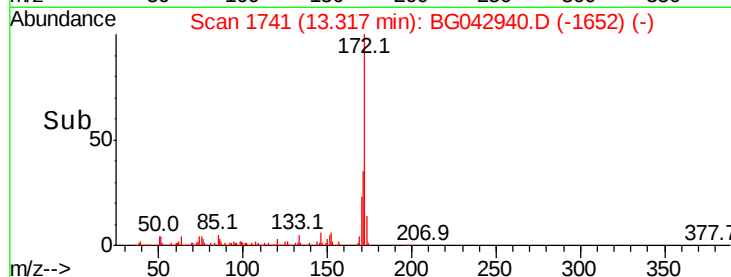
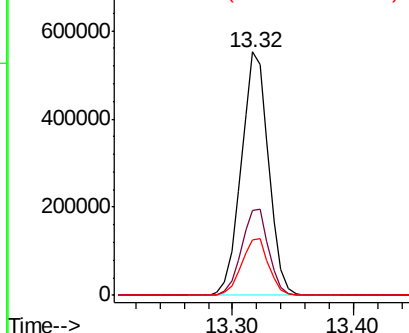


Abundance

Ion 172.00 (171.70 to 172.70): E

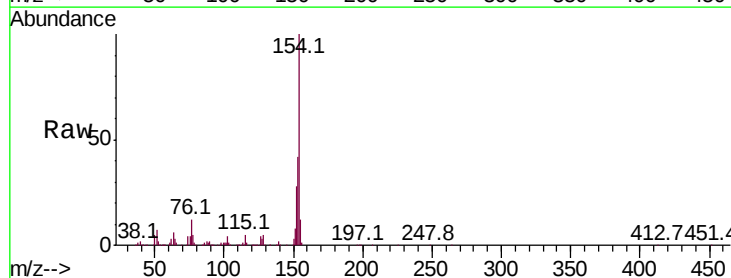
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.771 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.7	21.4	61.4	
76	11.9	0.0	31.3	

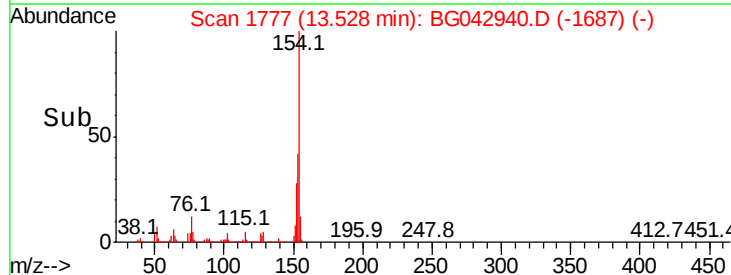
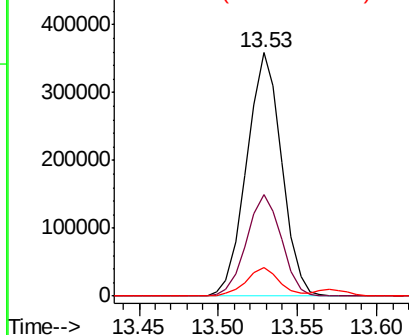


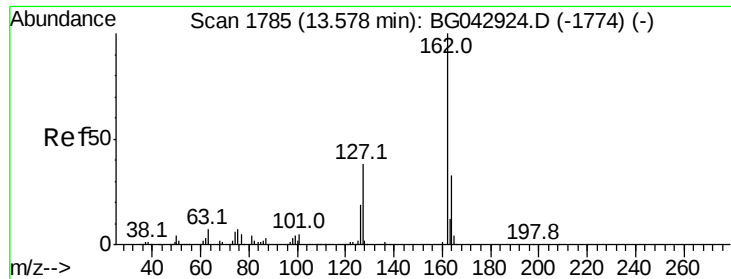
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC





#47

2-Chloronaphthalene

Concen: 42.230 ng

RT: 13.57 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

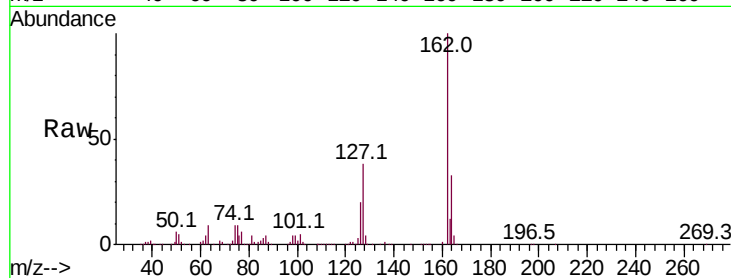
ClientSampleId :

PB123461BS

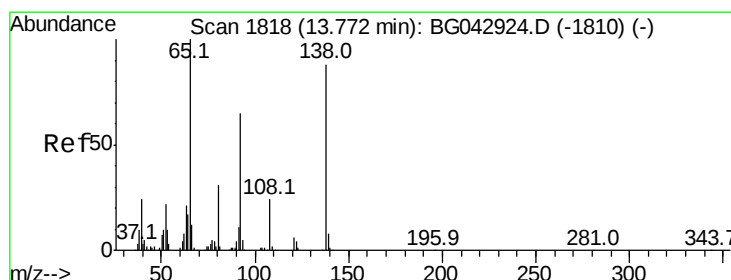
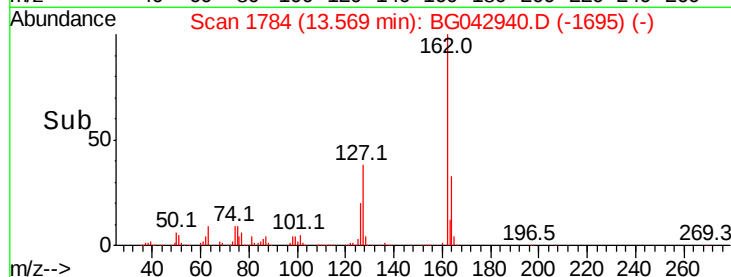
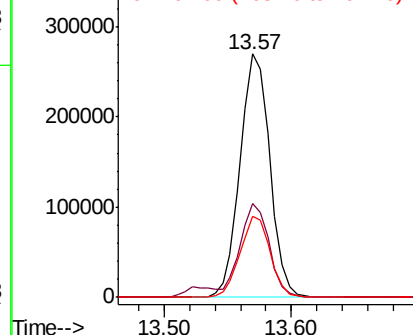
Tot Ion:	162	Resp:	438393
Ion Ratio	Lower	Upper	
162	100		
127	38.4	31.0	46.6
164	33.3	26.2	39.2

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.391 ng

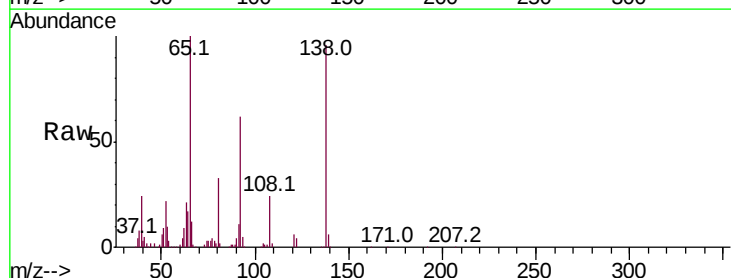
RT: 13.78 min Scan# 1819

Delta R.T. 0.00 min

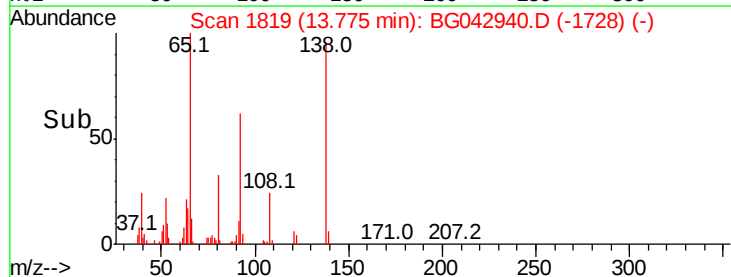
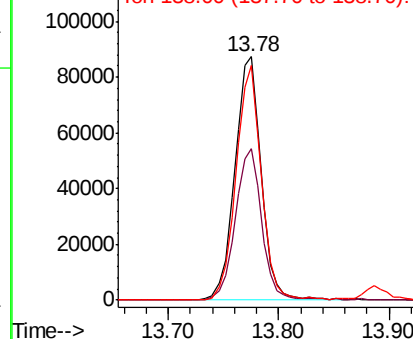
Lab File: BG042940.D

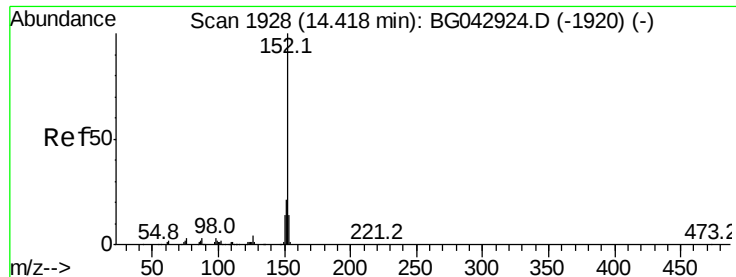
Acq: 30 Sep 2019 13:03

Tgt Ion:	65	Resp:	146342
Ion Ratio	Lower	Upper	
65	100		
92	62.3	52.0	78.0
138	96.3	70.4	105.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.795 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

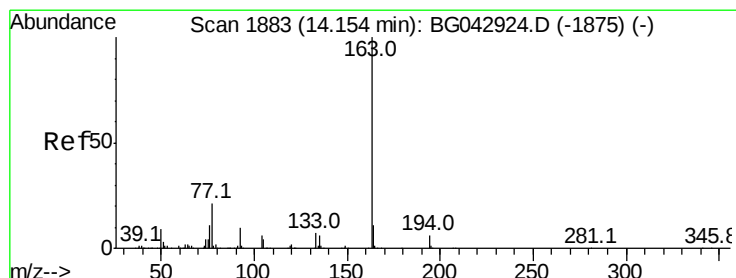
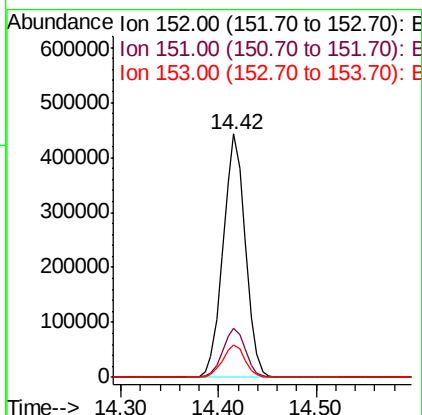
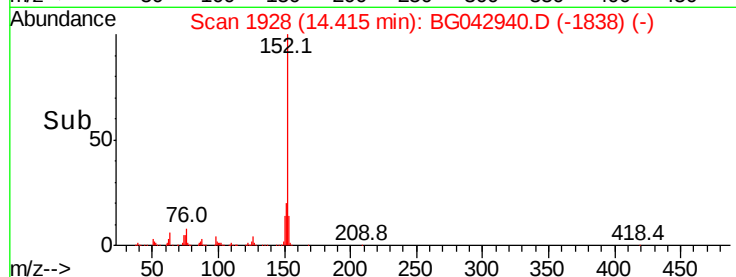
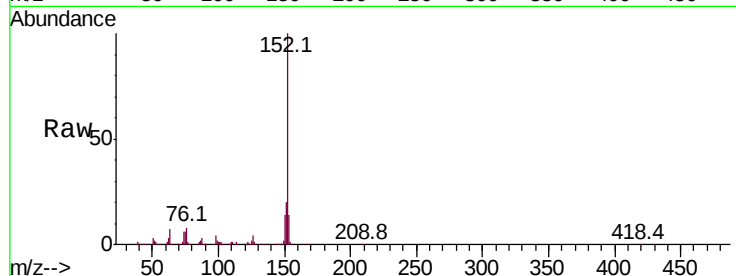
ClientSampleId :

PB123461BS

Tot Ion:	152	Resp:	695667
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.8	25.2
153	13.5	11.3	16.9

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#50

Dimethylphthalate

Concen: 40.808 ng

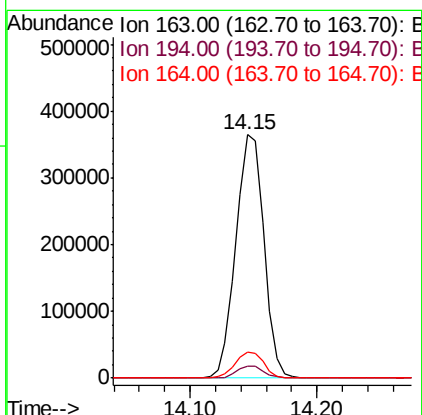
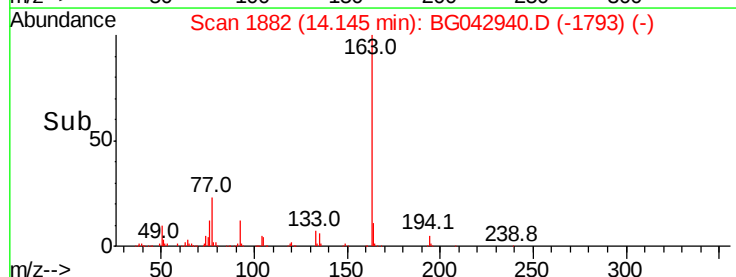
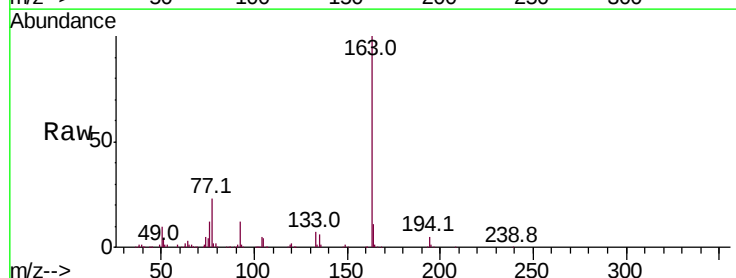
RT: 14.15 min Scan# 1882

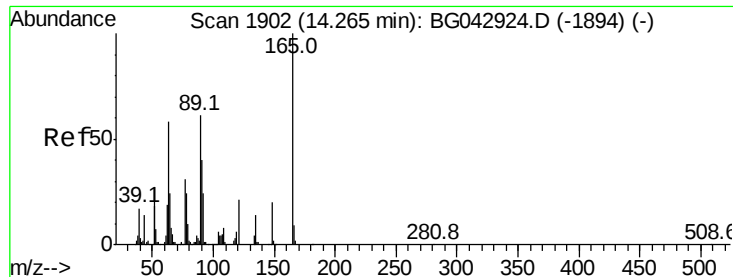
Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Tgt Ion:	163	Resp:	558272
Ion Ratio	Lower	Upper	
163	100		
194	4.7	4.4	6.6
164	10.9	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 43.464 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

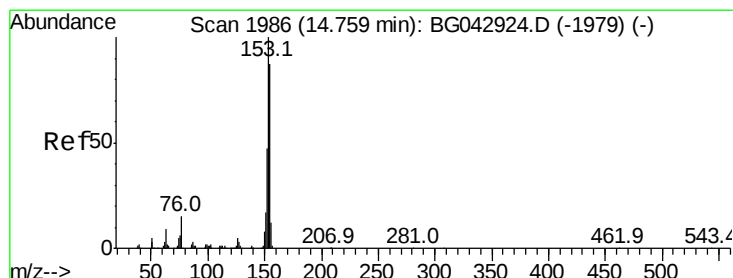
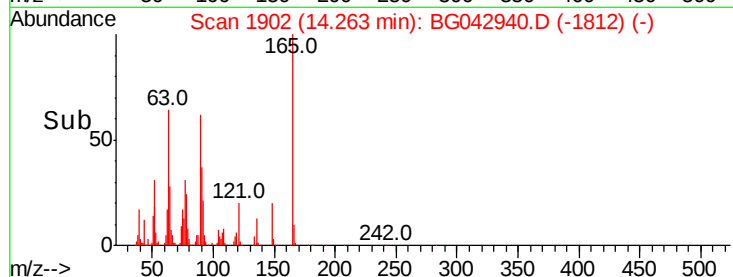
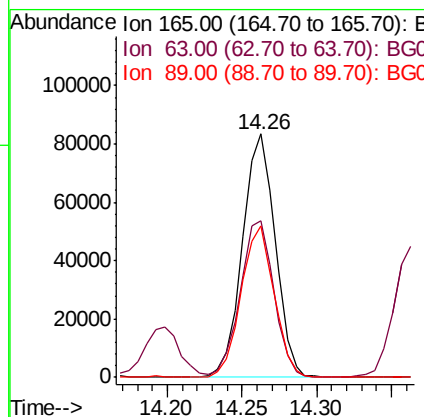
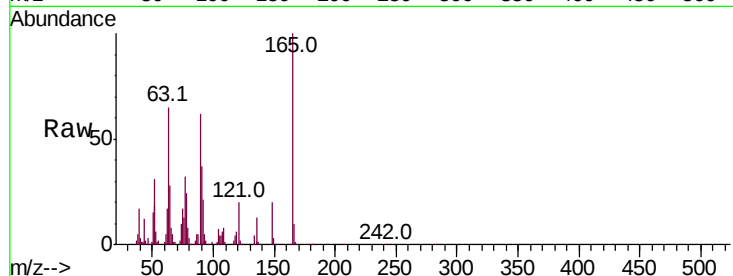
ClientSampleId :

PB123461BS

Tot Ion:	165	Resp:	126624
Ion Ratio	Lower	Upper	
165	100		
63	64.5	50.3	75.5
89	62.1	48.9	73.3

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#52

Acenaphthene

Concen: 39.365 ng

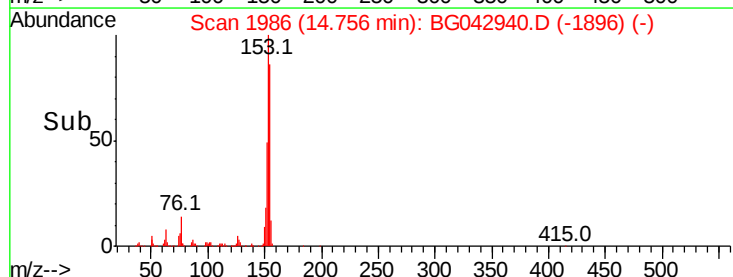
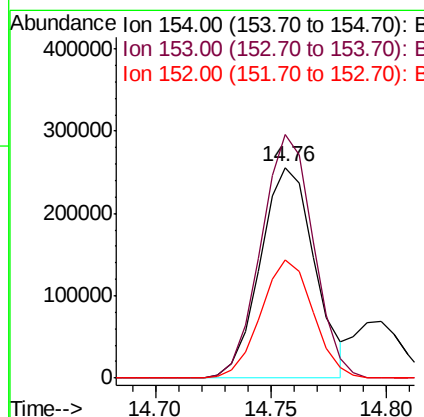
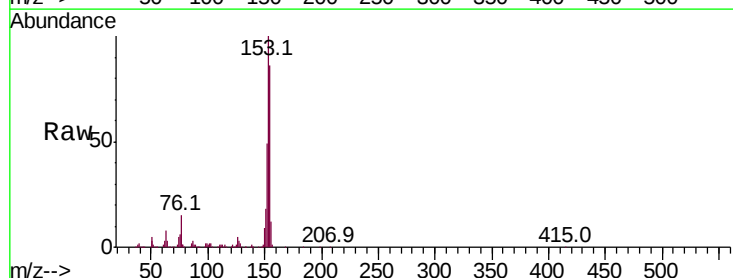
RT: 14.76 min Scan# 1986

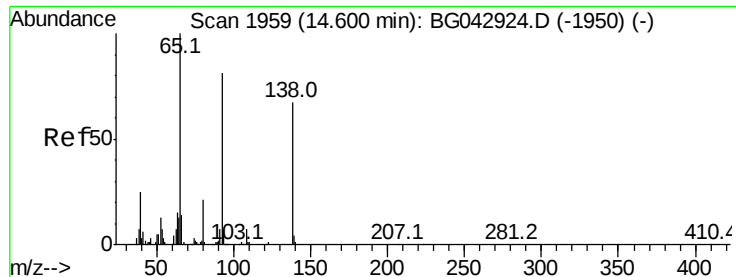
Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Tgt Ion:	154	Resp:	418543
Ion Ratio	Lower	Upper	
154	100		
153	115.7	91.4	137.0
152	56.3	42.8	64.2





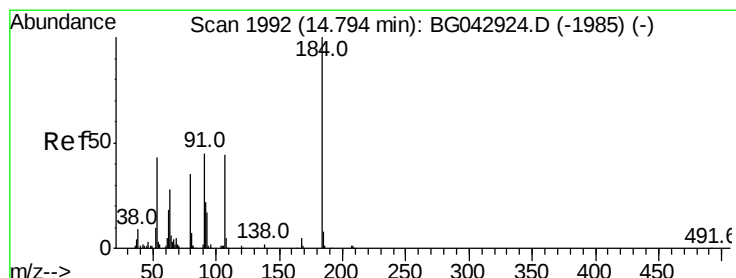
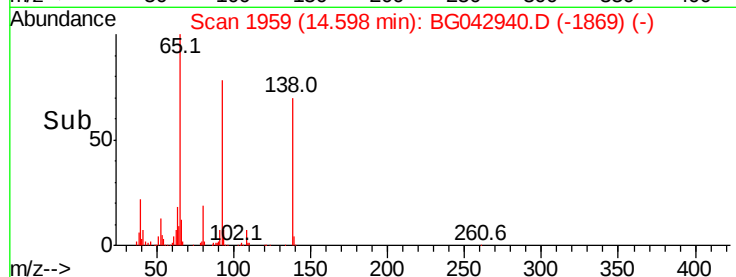
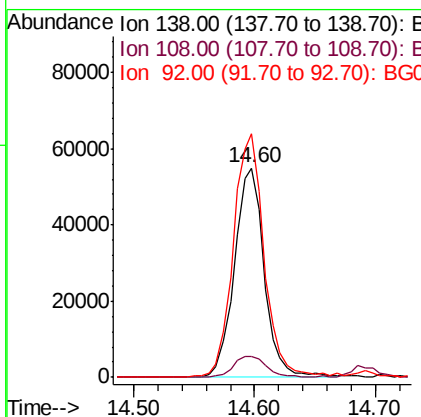
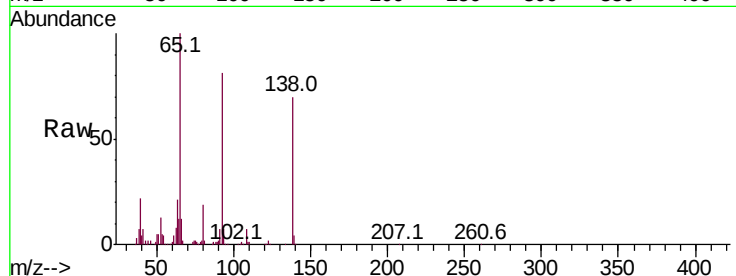
#53
 3-Nitroaniline
 Concen: 31.422 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Instrument :
 BNA_G
 ClientSampleId :
 PB123461BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.9	11.9
92	116.2	97.0	145.6

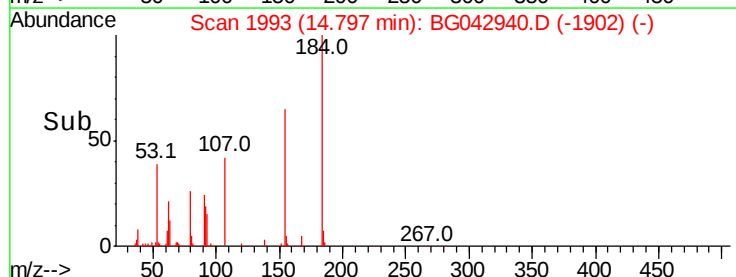
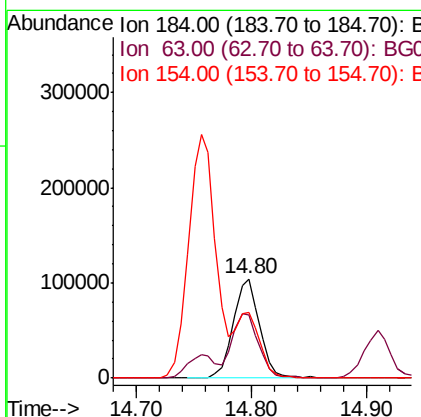
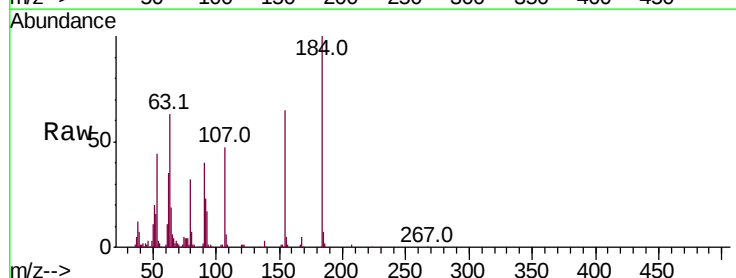
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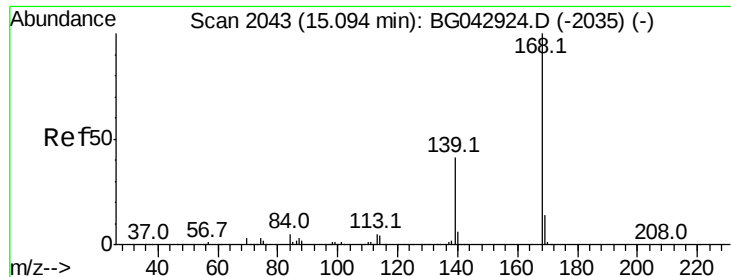
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#54
 2,4-Dinitrophenol
 Concen: 90.911 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. 0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.0	55.0	82.6
154	65.4	56.5	84.7





#55

Dibenzenofuran

Concen: 43.345 ng

RT: 15.09 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

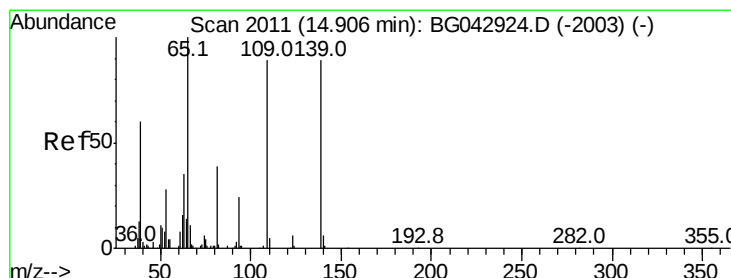
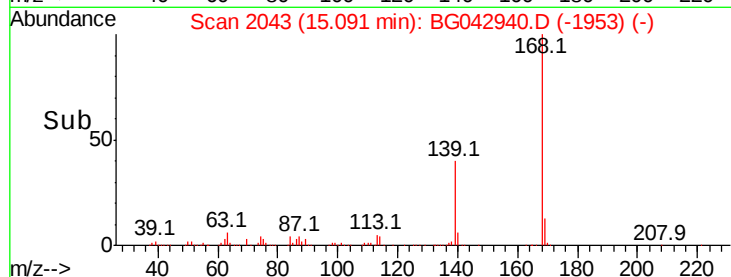
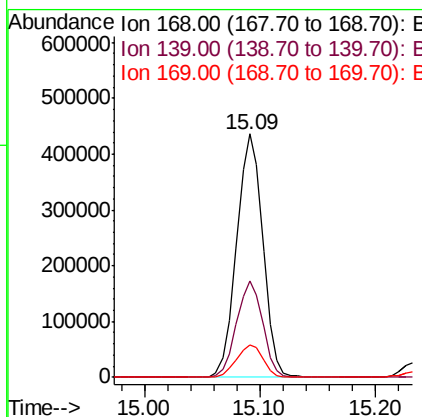
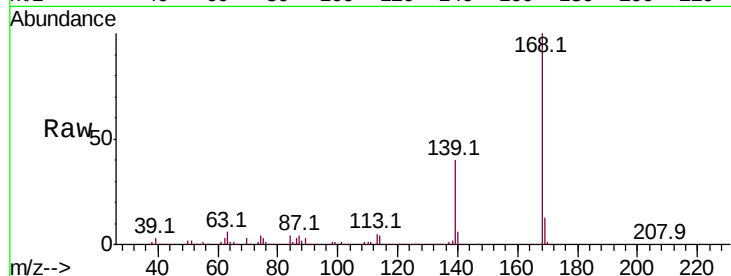
ClientSampleId :

PB123461BS

Tot Ion:	168	Resp:	681747
Ion Ratio	Lower	Upper	
168	100		
139	39.6	32.6	48.8
169	13.3	11.2	16.8

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#56

4-Nitrophenol

Concen: 91.515 ng

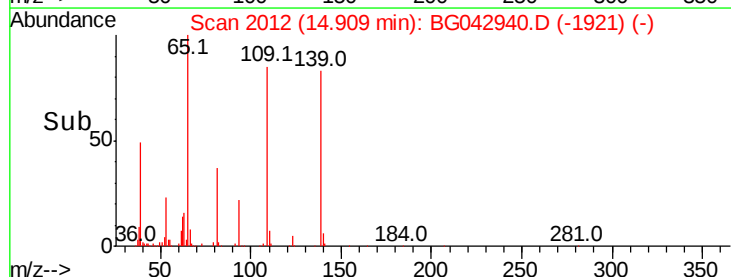
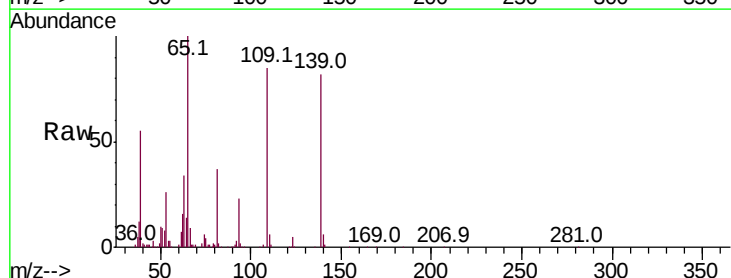
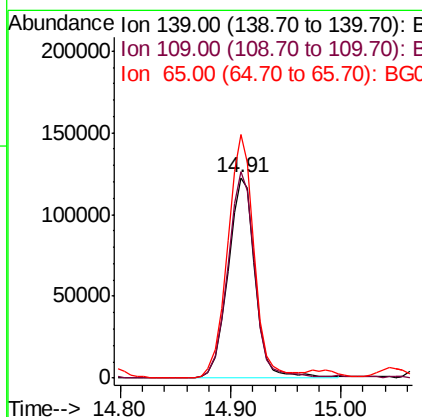
RT: 14.91 min Scan# 2012

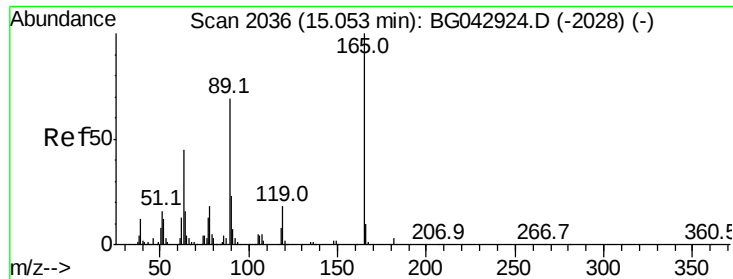
Delta R.T. 0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Tgt Ion:	139	Resp:	209938
Ion Ratio	Lower	Upper	
139	100		
109	102.9	79.4	119.4
65	121.5	92.5	132.5





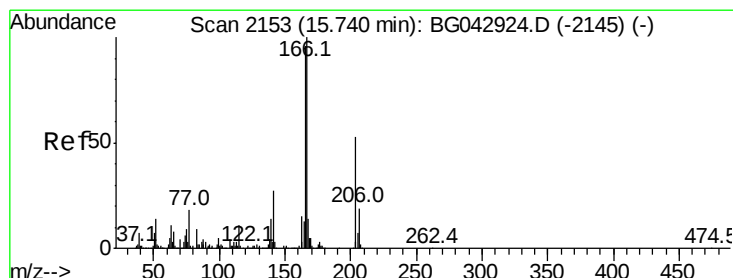
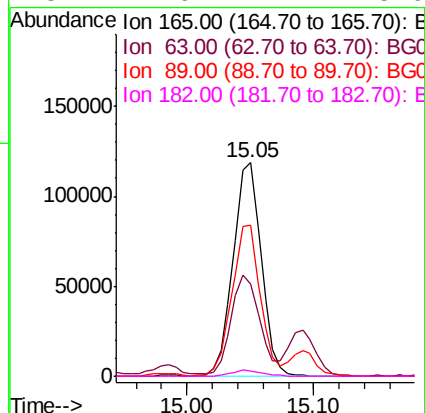
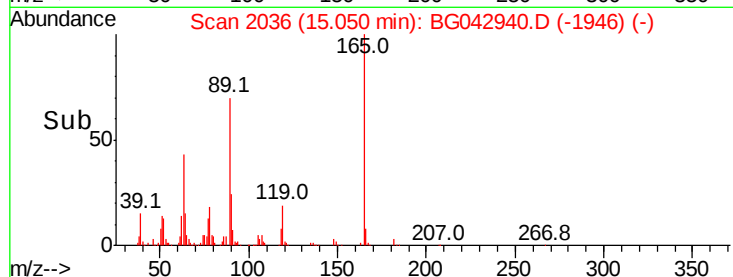
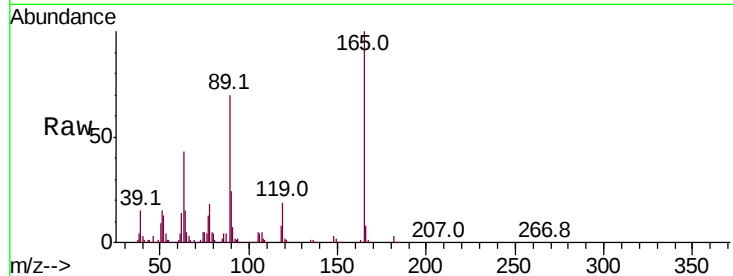
#57
2,4-Dinitrotoluene
Concen: 42.680 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB123461BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.3	36.5	54.7	
89	70.4	55.5	83.3	
182	2.6	2.4	3.6	

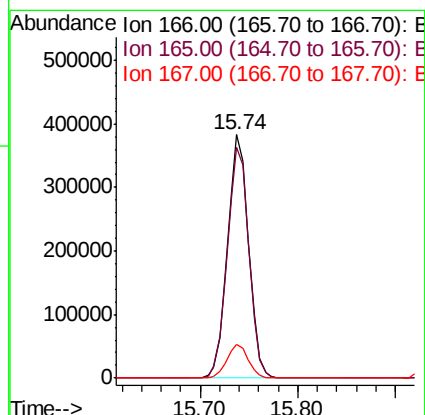
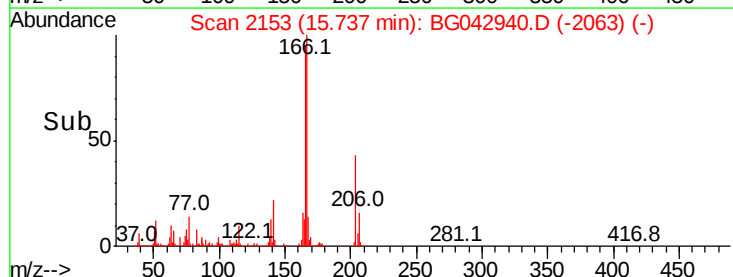
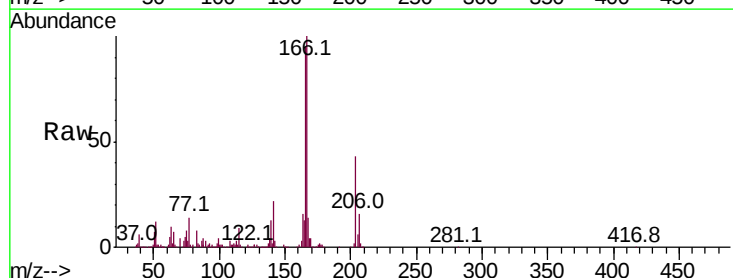
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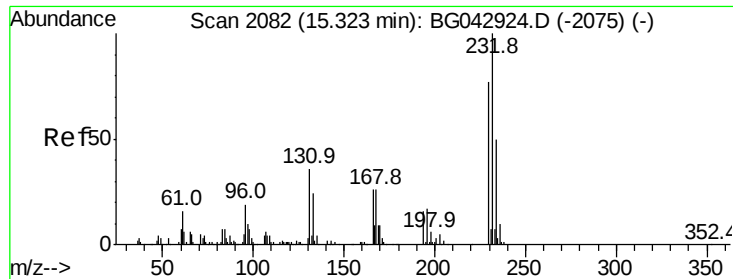
mohammad
10/2/2019 8:33:11 AM



#58
Fluorene
Concen: 42.754 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.9	77.1	115.7	
167	13.9	11.0	16.6	





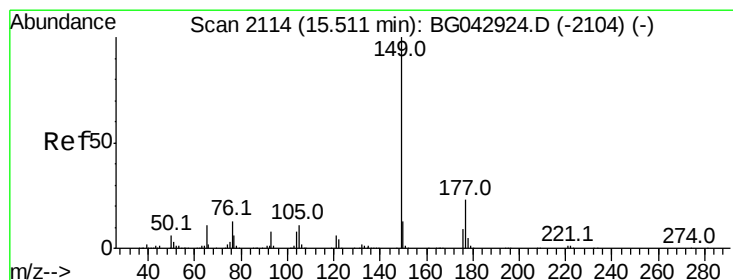
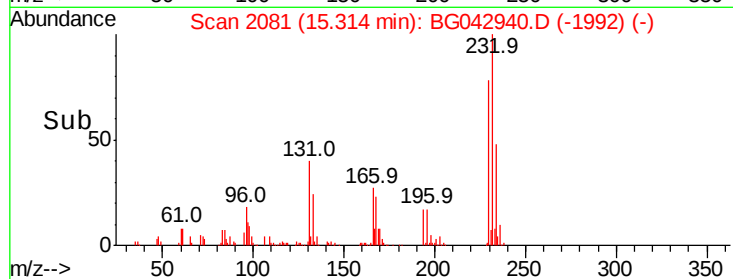
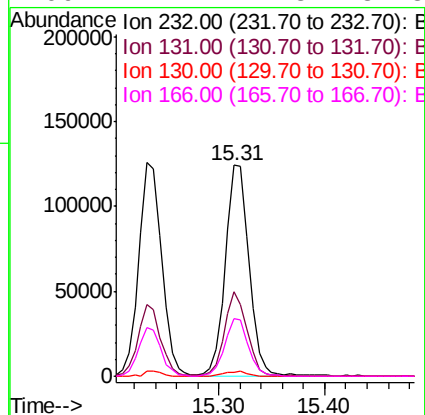
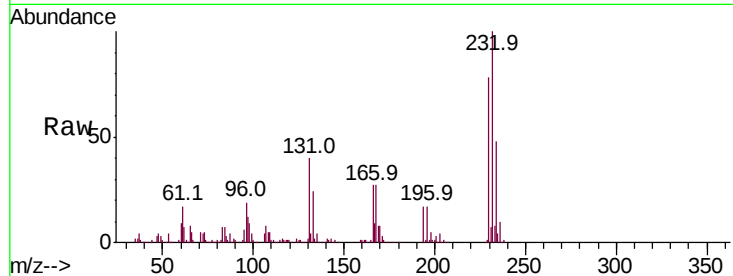
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.808 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Instrument :
 BNA_G
 ClientSampleId :
 PB123461BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	193073		
131	38.3	29.6	44.4	
130	2.3	1.9	2.9	
166	27.4	21.8	32.8	

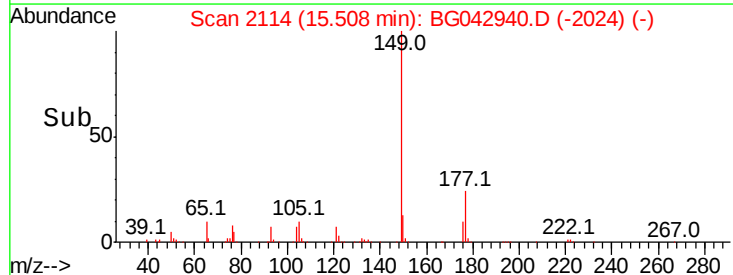
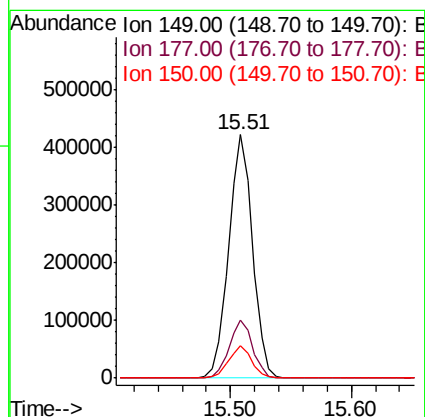
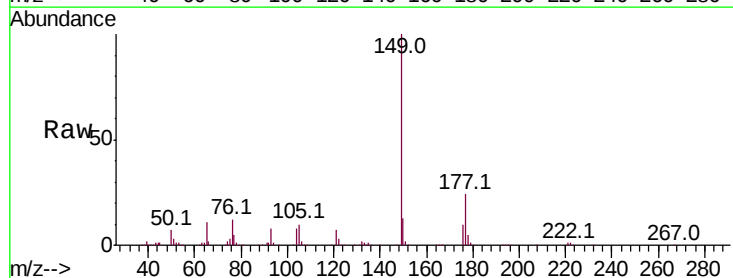
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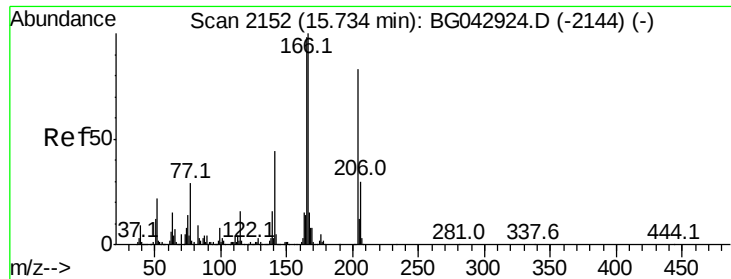
mohammad
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#60
 Diethylphthalate
 Concen: 41.317 ng
 RT: 15.51 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	575236		
177	23.9	18.8	28.2	
150	13.2	10.6	15.8	





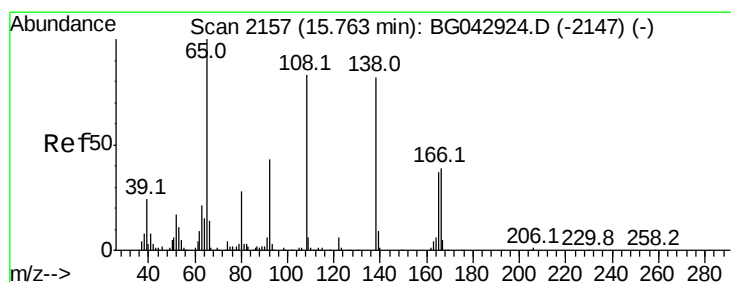
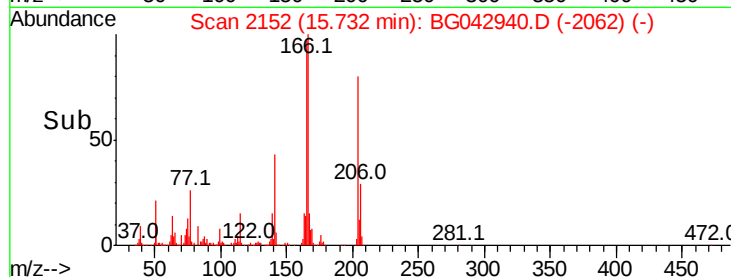
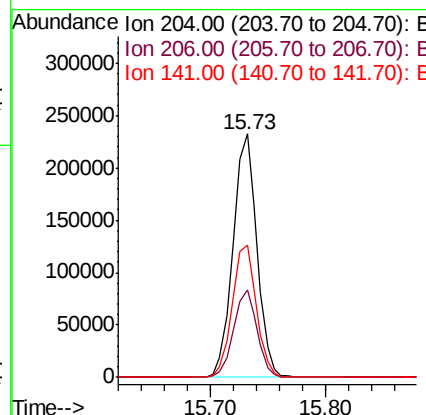
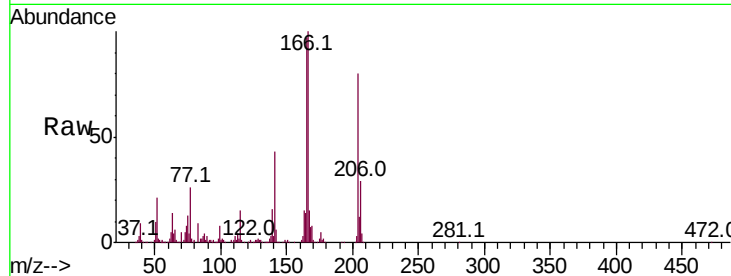
#61
4-Chlorophenyl-phenylether
Concen: 41.091 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB123461BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.7	28.5	42.7
141	54.2	42.4	63.6

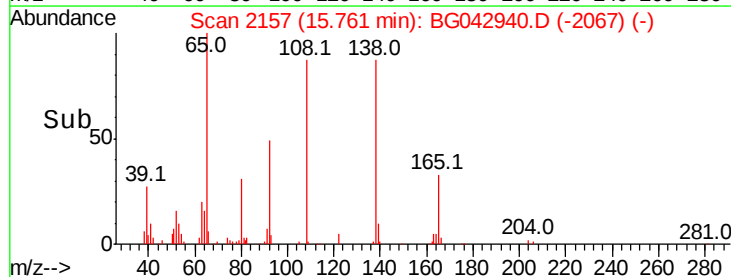
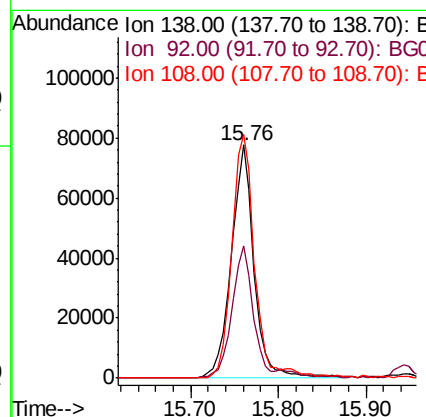
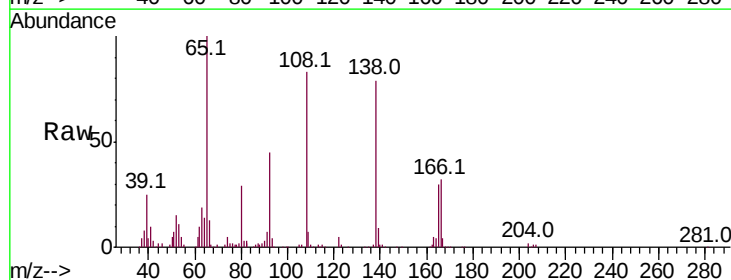
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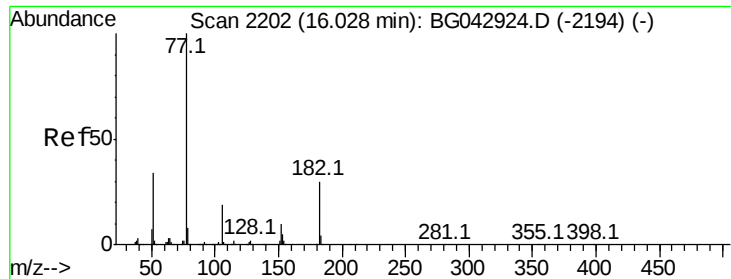
mohammad
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#62
4-Nitroaniline
Concen: 42.219 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.6	32.9	72.9
108	104.4	81.3	121.3





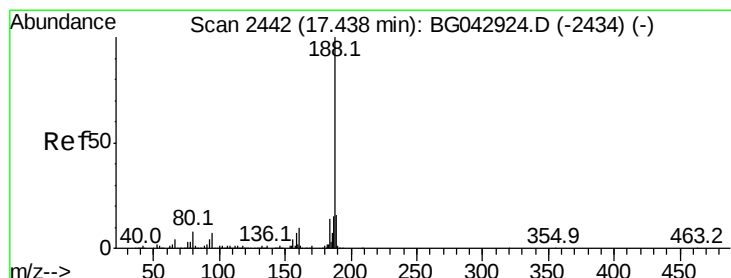
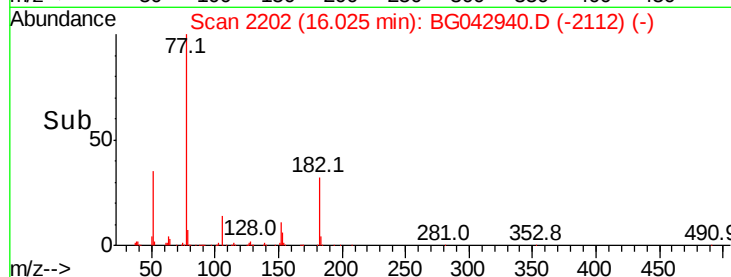
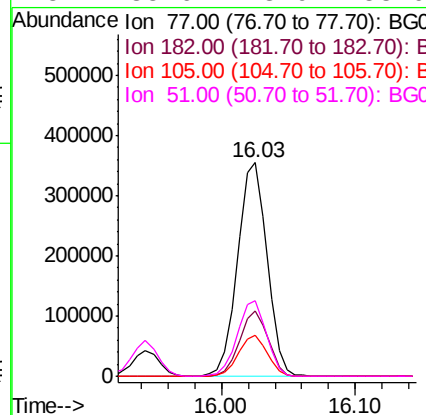
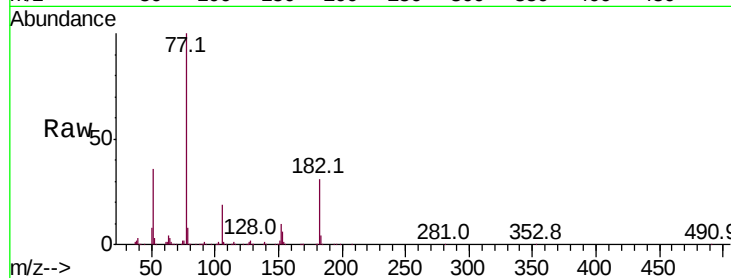
#63
Azobenzene
Concen: 42.765 ng
RT: 16.03 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampled :
PB123461BS

Tot Ion:	77	Resp:	542069
Ion Ratio	Lower	Upper	
77	100		
182	30.8	10.2	50.2
105	19.5	0.0	39.1
51	35.6	13.9	53.9

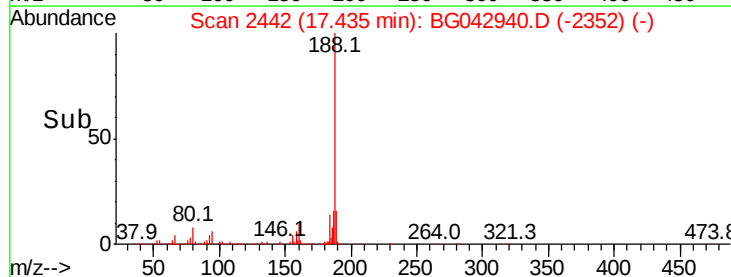
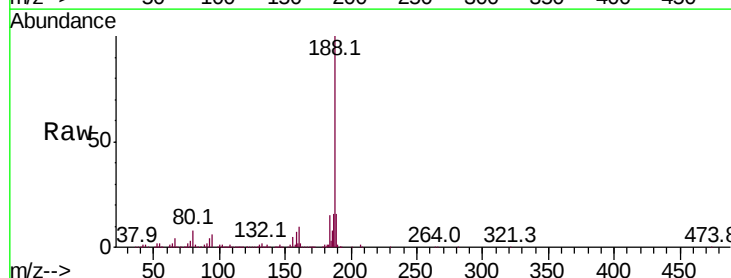
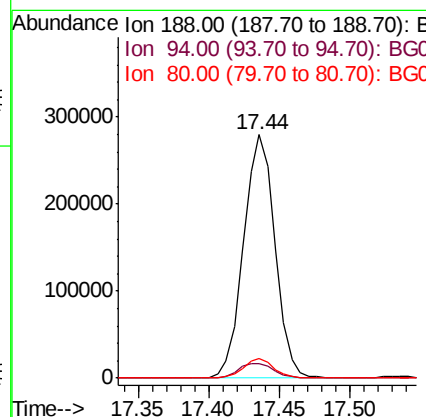
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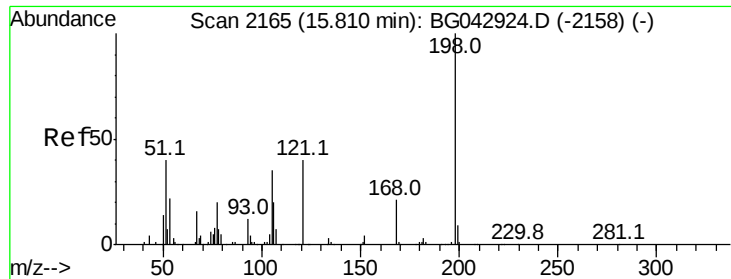
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion:	188	Resp:	436124
Ion Ratio	Lower	Upper	
188	100		
94	6.2	5.7	8.5
80	8.2	6.5	9.7





#65

4,6-Dinitro-2-methylphenol

Concen: 47.628 ng

RT: 15.81 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

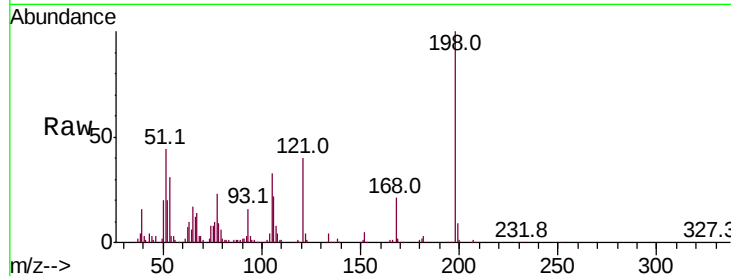
ClientSampled :

PB123461BS

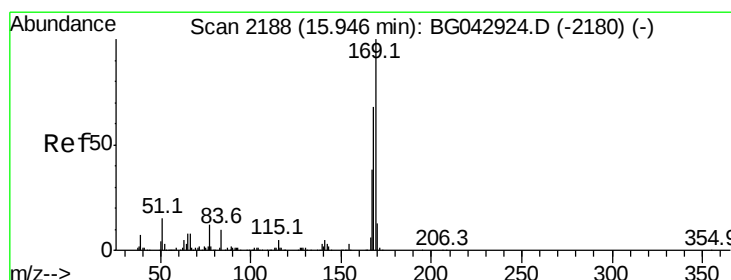
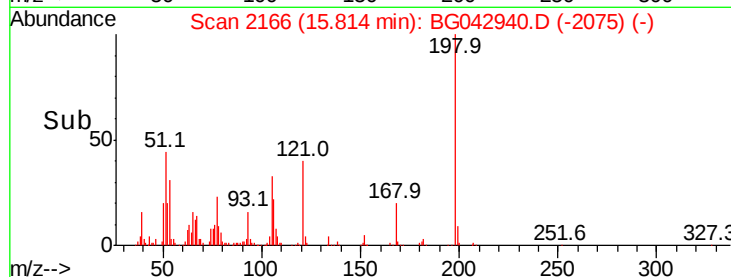
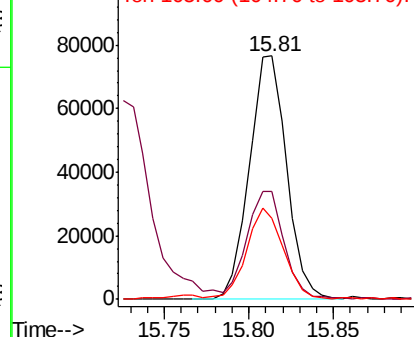
Tot Ion:	198	Resp:	117540
Ion Ratio	Lower	Upper	
198	100		
51	44.2	25.3	65.3
105	33.4	16.6	56.6

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.416 ng

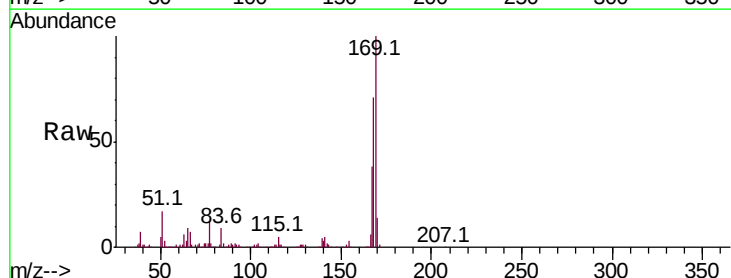
RT: 15.94 min Scan# 2188

Delta R.T. -0.00 min

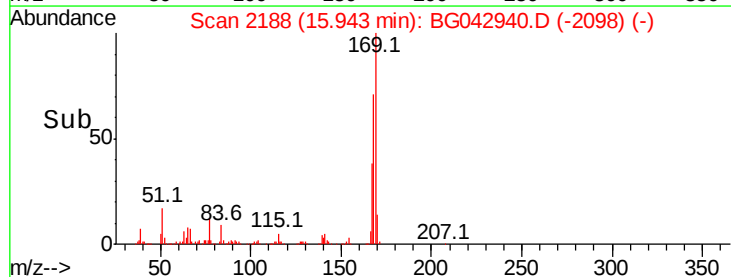
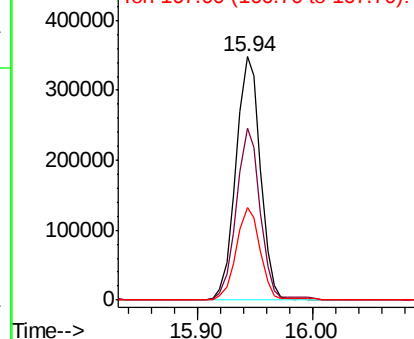
Lab File: BG042940.D

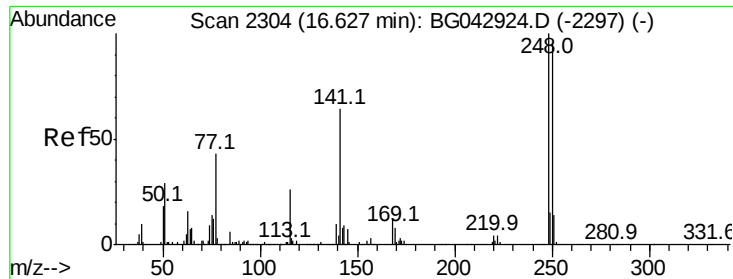
Acq: 30 Sep 2019 13:03

Tgt Ion:	169	Resp:	511370
Ion Ratio	Lower	Upper	
169	100		
168	70.7	54.8	82.2
167	37.9	30.6	46.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





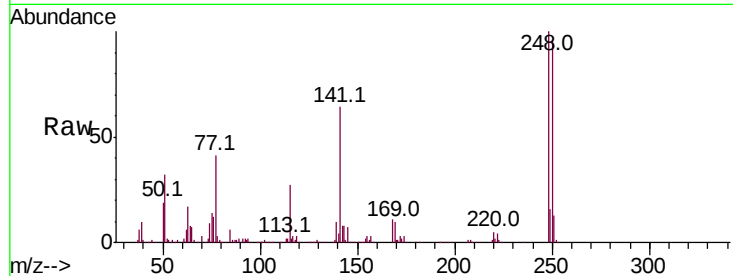
#67
4-Bromophenyl-phenylether
Concen: 42.046 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB123461BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	75.8	113.8
141	64.3	51.1	76.7

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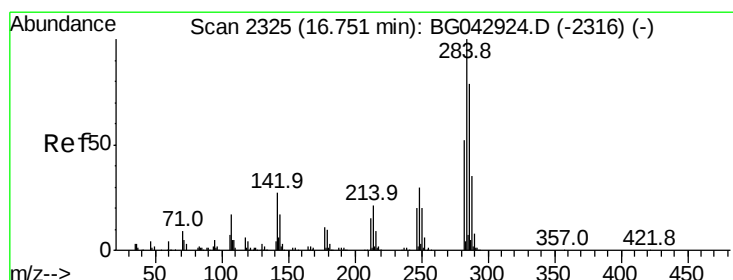
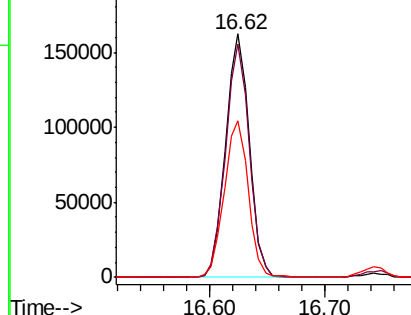
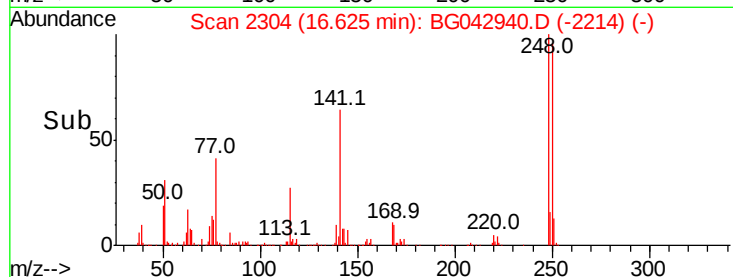


Abundance

Ion 248.00 (247.70 to 248.70): E

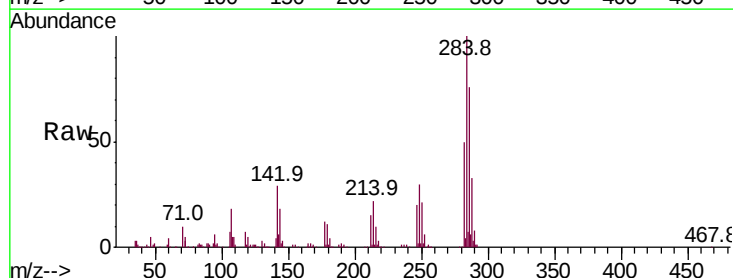
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.546 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	21.6	32.4
249	30.3	24.1	36.1

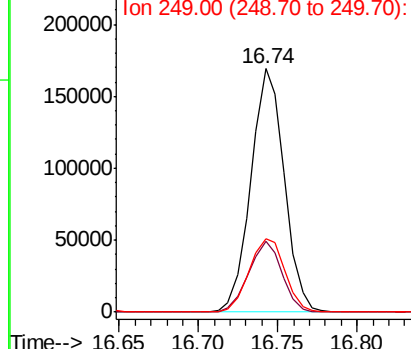
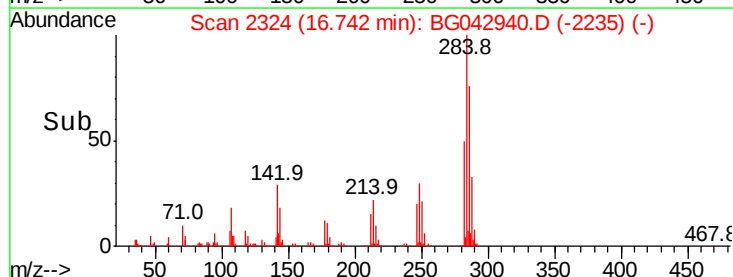


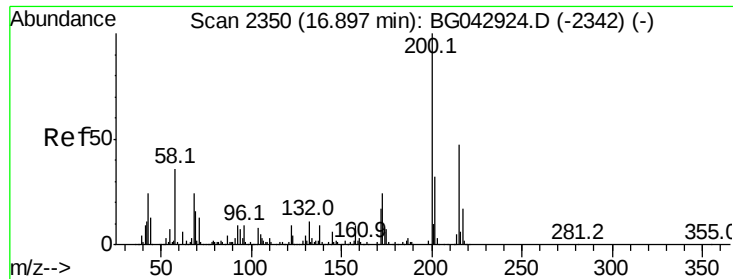
Abundance

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





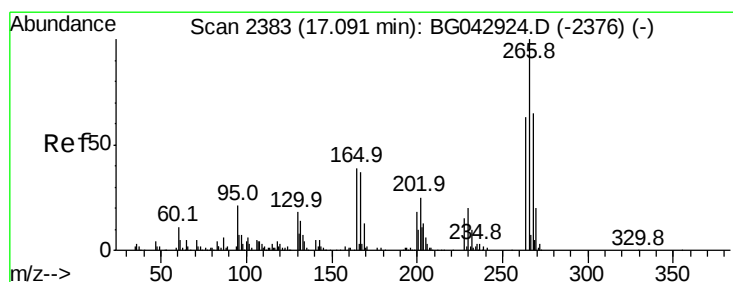
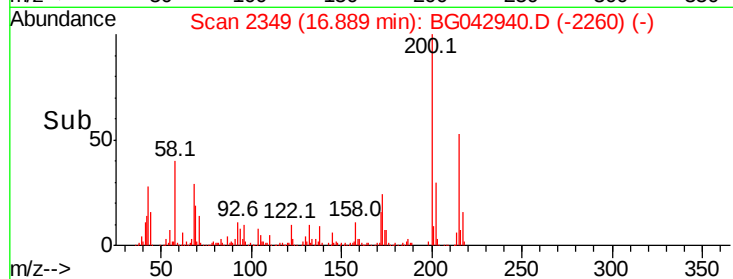
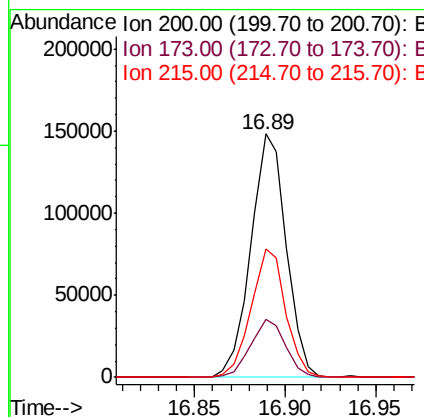
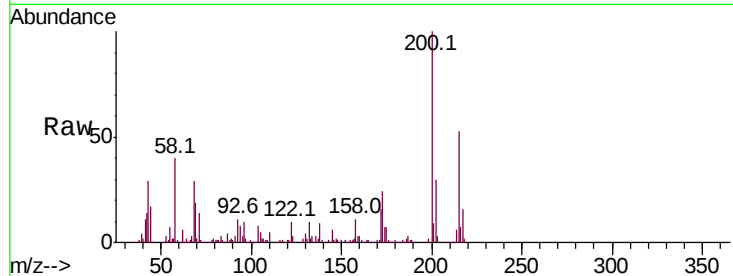
#69
Atrazine
Concen: 41.368 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB123461BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.8	4.0	44.0
215	52.5	27.4	67.4

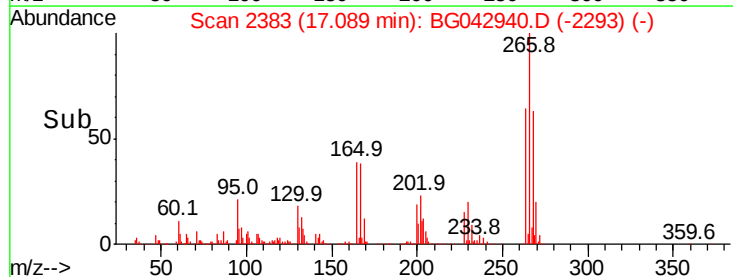
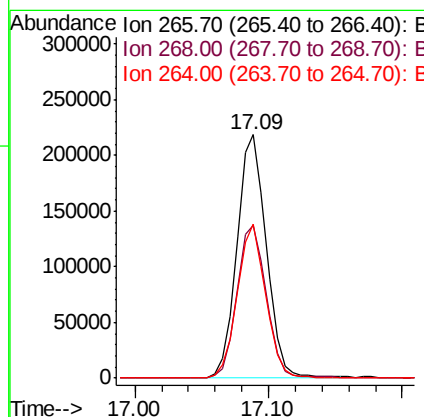
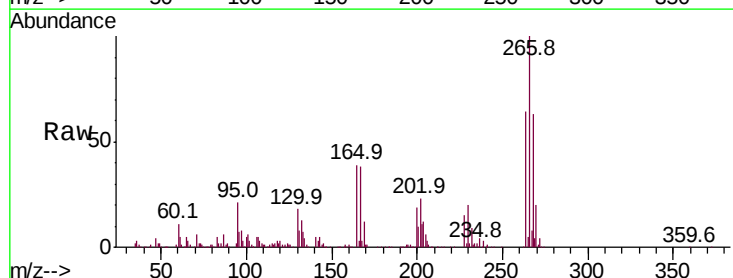
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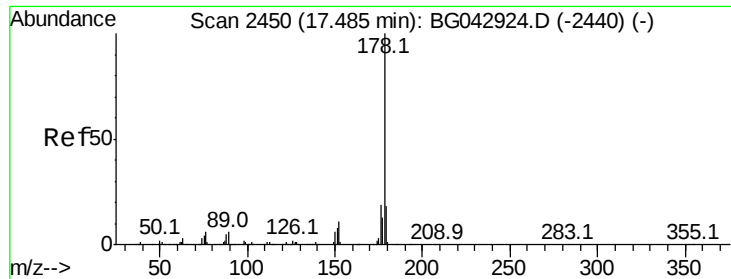
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#70
Pentachlorophenol
Concen: 94.740 ng
RT: 17.09 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.0	52.2	78.2
264	63.5	50.7	76.1





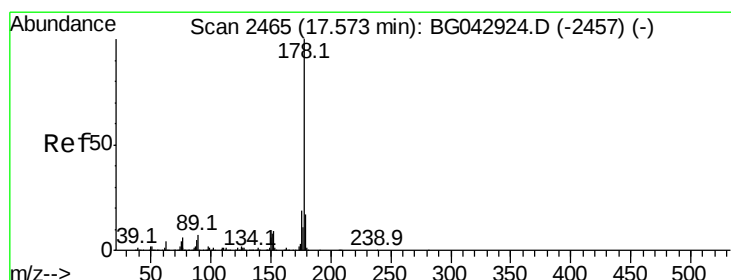
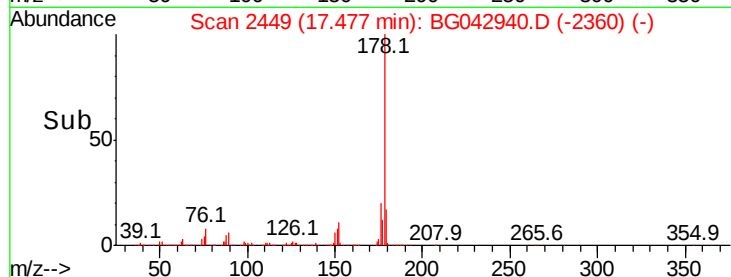
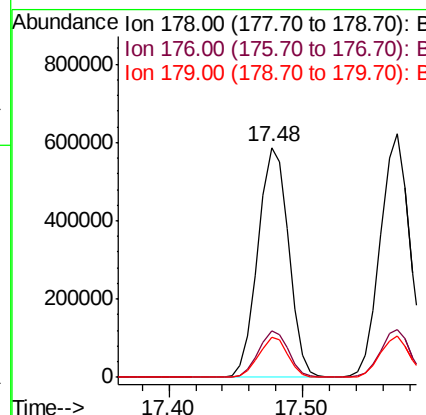
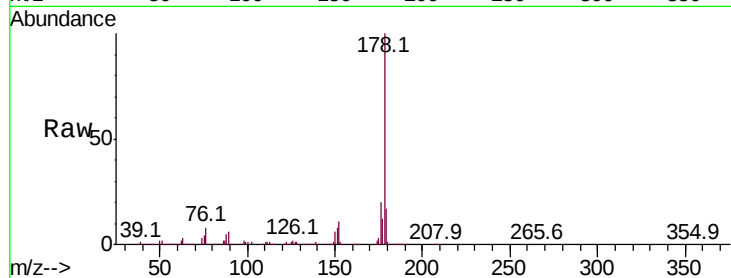
#71
Phenanthrene
Concen: 43.681 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB123461BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.1	22.7
179	17.3	14.1	21.1

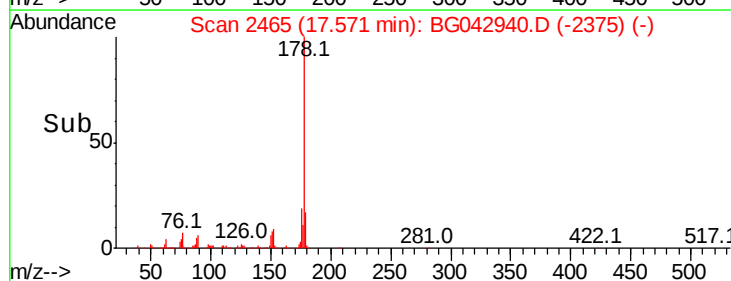
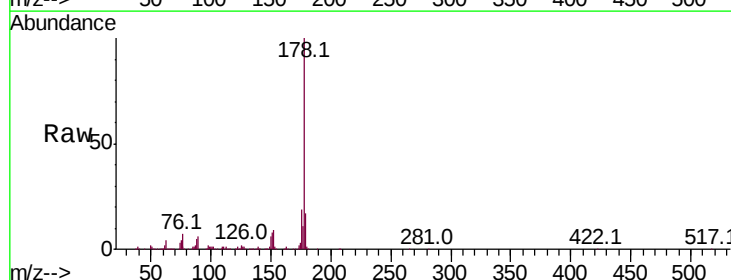
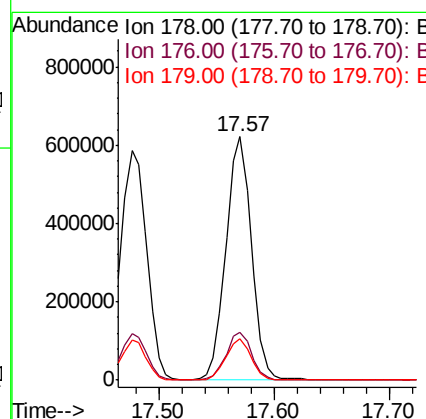
Manual Integrations
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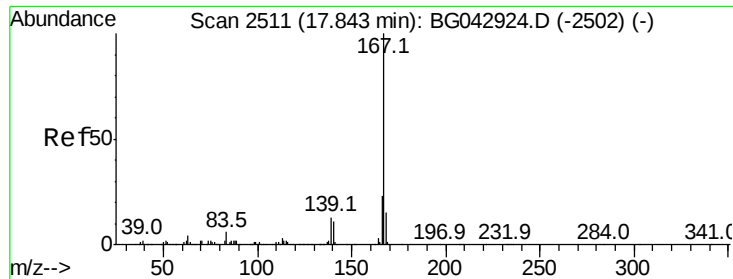
mohammad
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#72
Anthracene
Concen: 44.721 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	17.1	13.5	20.3





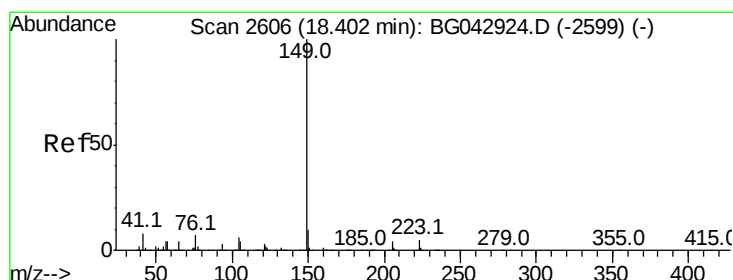
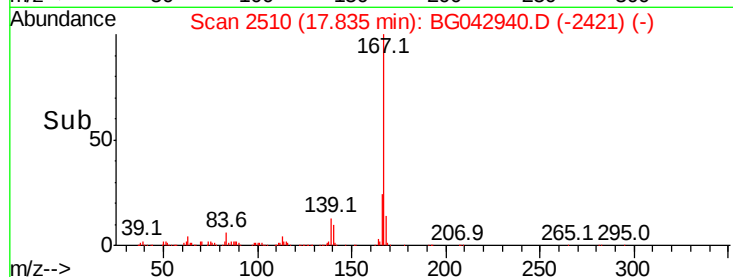
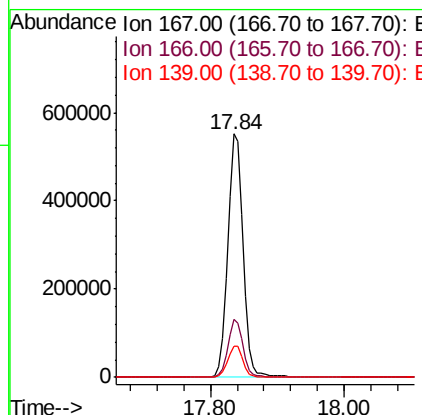
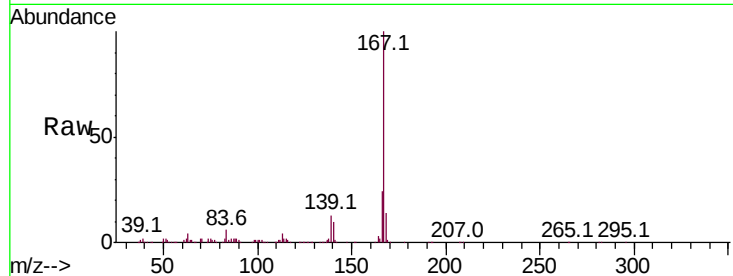
#73
 Carbazole
 Concen: 45.527 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Instrument :
 BNA_G
 ClientSampleId :
 PB123461BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	23.7	18.6	28.0	
139	12.9	10.8	16.2	

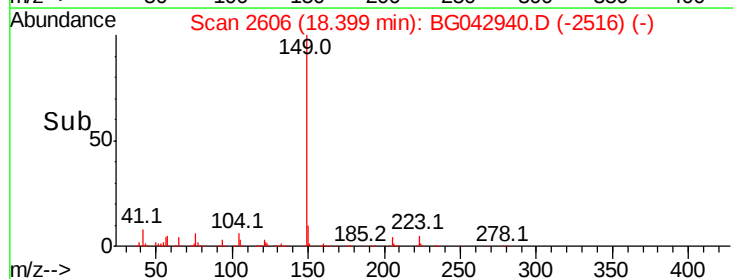
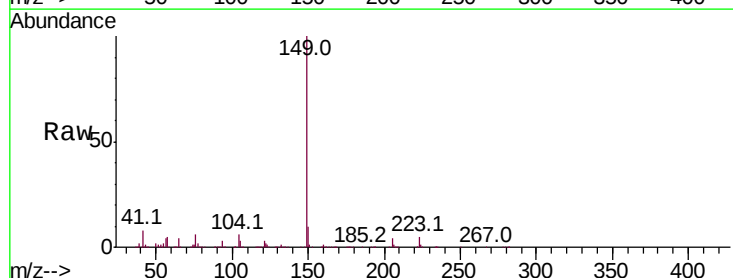
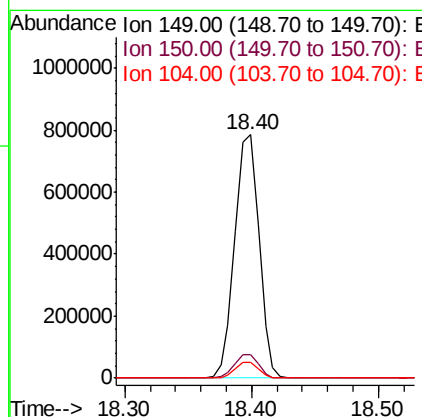
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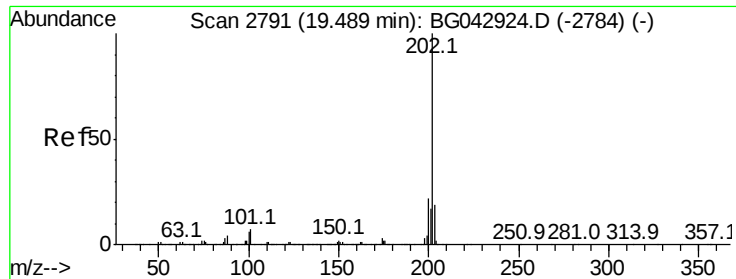
mohammad
 10/2/2019 8:33:11 AM



#74
 Di-n-butylphthalate
 Concen: 44.283 ng
 RT: 18.40 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: BG042940.D
 Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.7	7.7	11.5	
104	6.3	5.0	7.6	





#75

Fluoranthene

Concen: 46.670 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

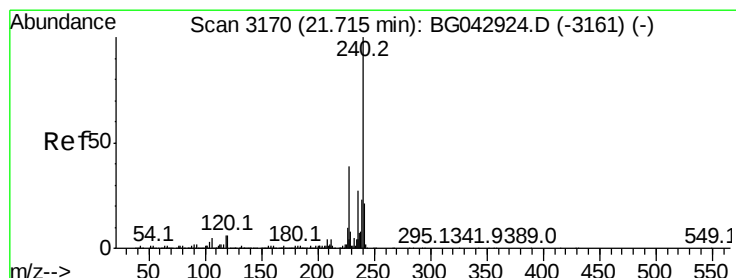
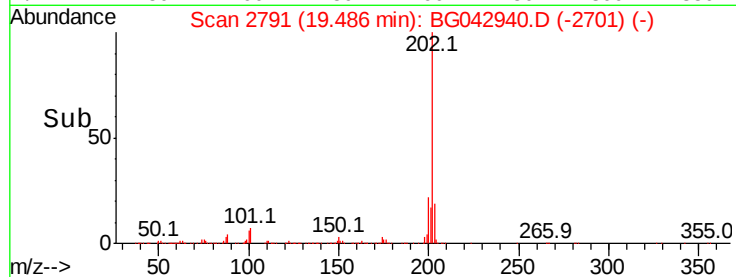
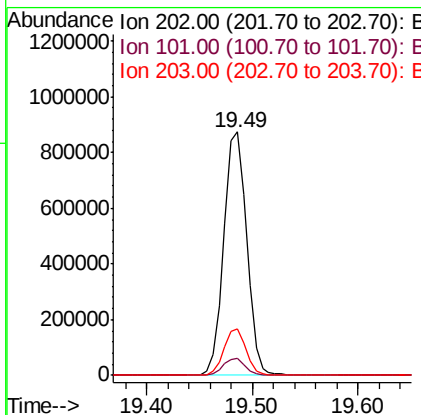
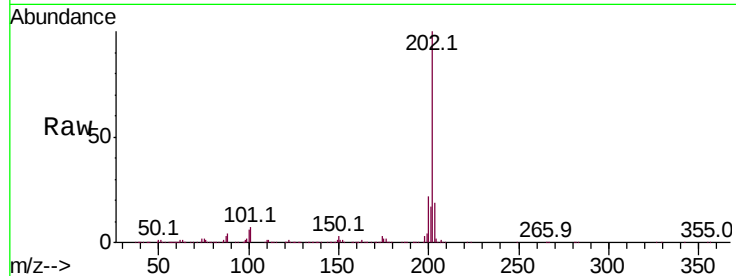
ClientSampleId :

PB123461BS

Tot Ion:	202	Resp:	1314330
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	27.3
203	19.0	0.0	39.5

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#76

Chrysene-d12

Concen: 20.000 ng

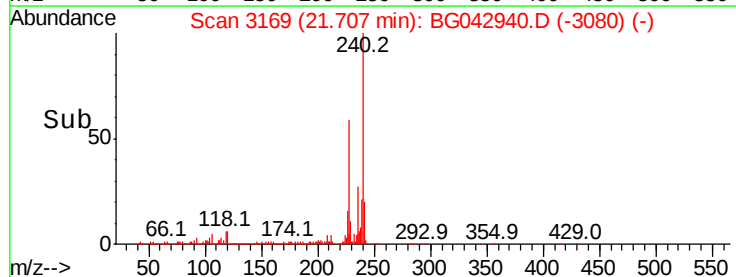
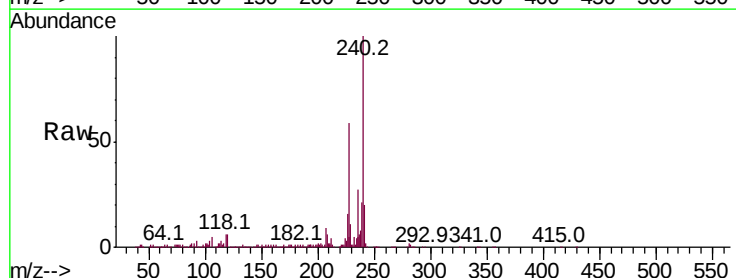
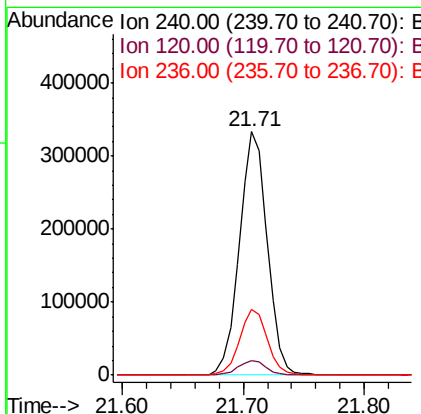
RT: 21.71 min Scan# 3169

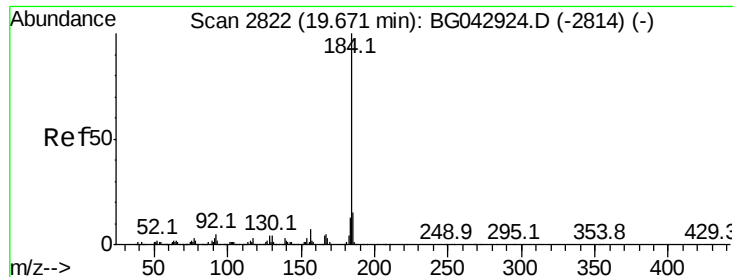
Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Tgt Ion:	240	Resp:	536728
Ion Ratio	Lower	Upper	
240	100		
120	6.0	4.8	7.2
236	26.7	21.4	32.0





#77

Benzidine

Concen: 31.790 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

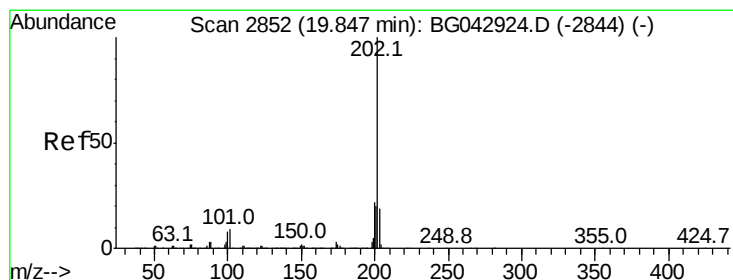
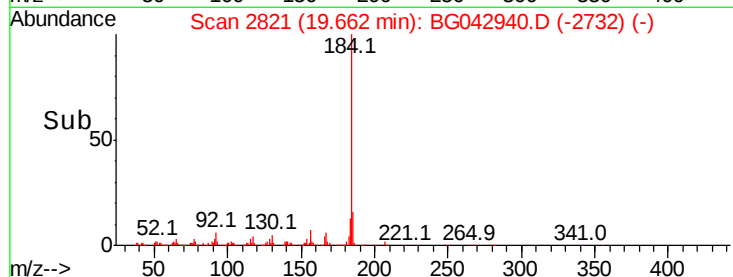
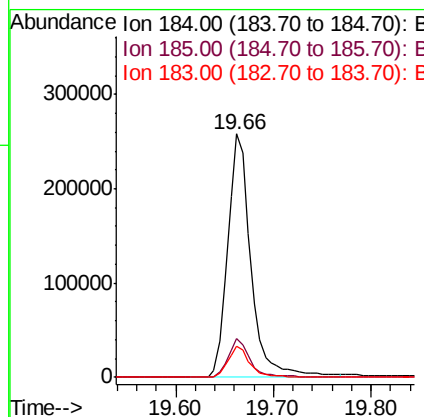
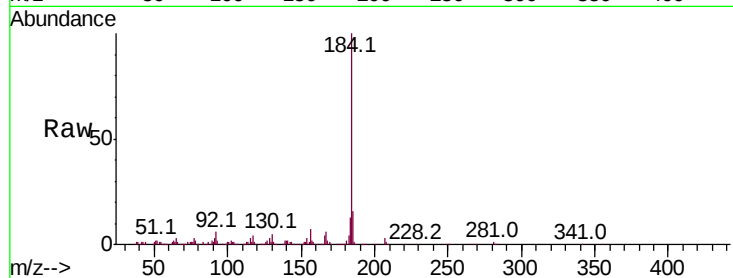
ClientSampleId :

PB123461BS

Tot Ion:	184	Resp:	427224
Ion Ratio	Lower	Upper	
184	100		
185	15.7	11.8	17.8
183	13.0	10.1	15.1

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#78

Pyrene

Concen: 41.798 ng

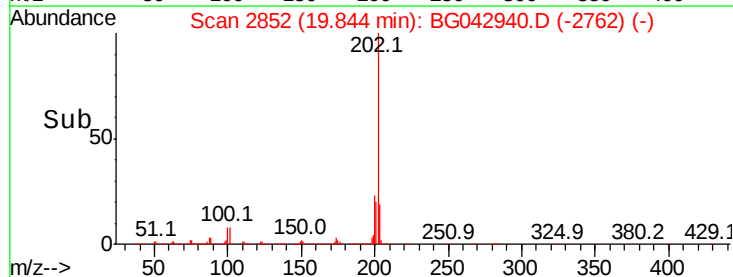
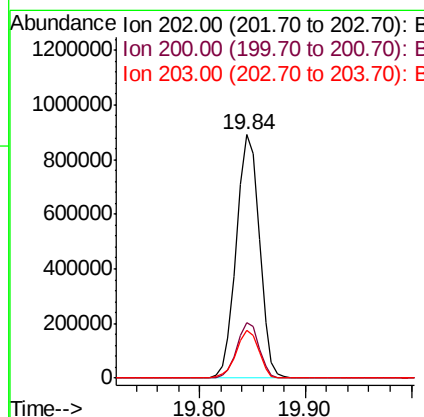
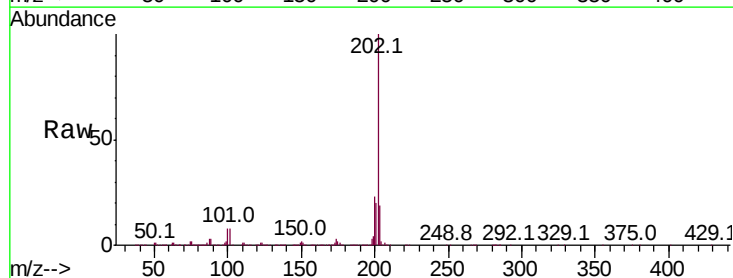
RT: 19.84 min Scan# 2852

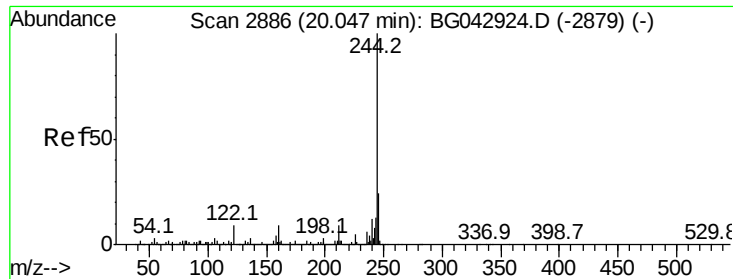
Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Tgt Ion:	202	Resp:	1339023
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.6	26.4
203	19.4	15.2	22.8





#79

Terphenyl-d14

Concen: 69.945 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampleId :

PB123461BS

Tot Ion:244 Resp: 1761774

Ion Ratio Lower Upper

244 100

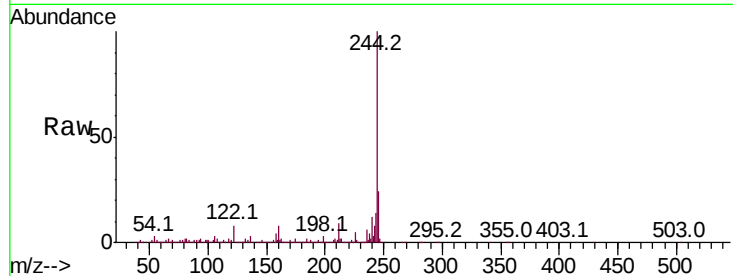
212 8.7 7.4 11.0

122 7.9 7.0 10.4

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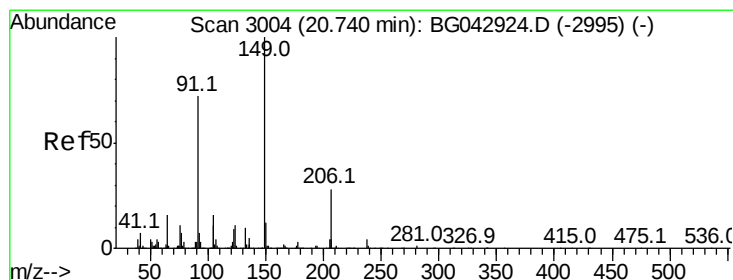
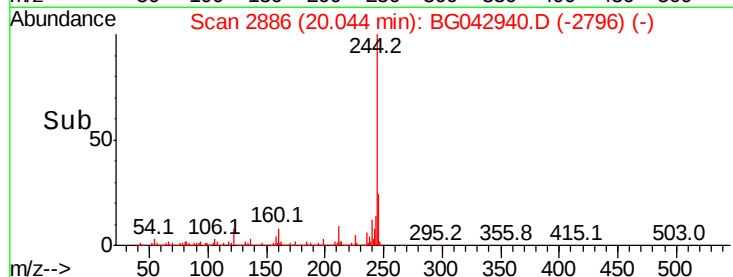
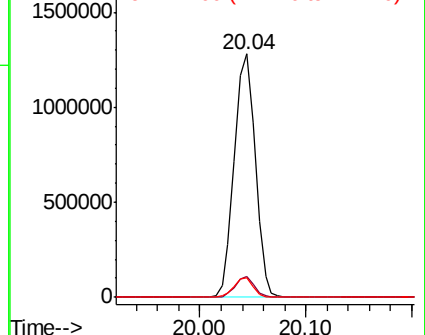
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.618 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

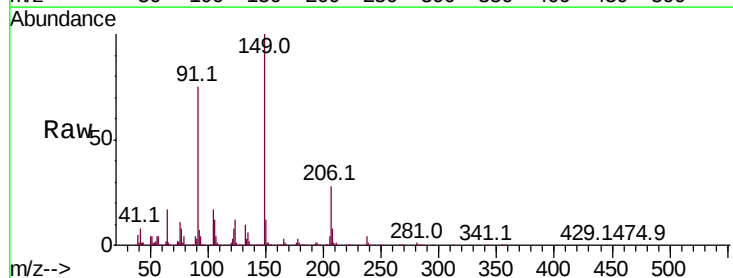
Tgt Ion:149 Resp: 518231

Ion Ratio Lower Upper

149 100

91 74.7 57.7 86.5

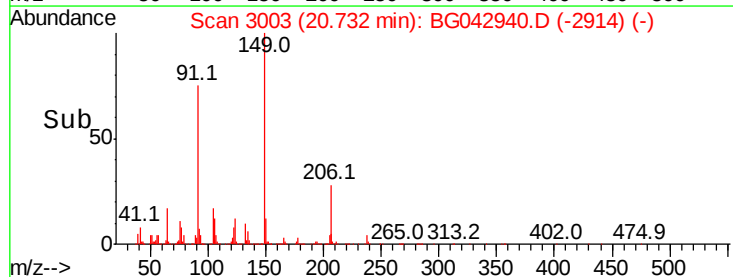
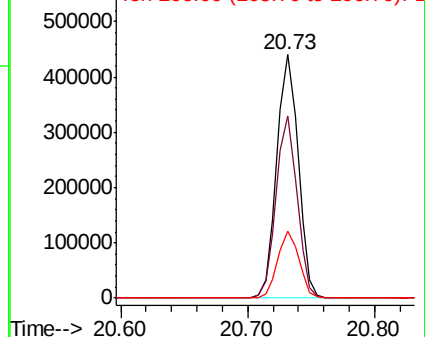
206 27.7 22.6 33.8

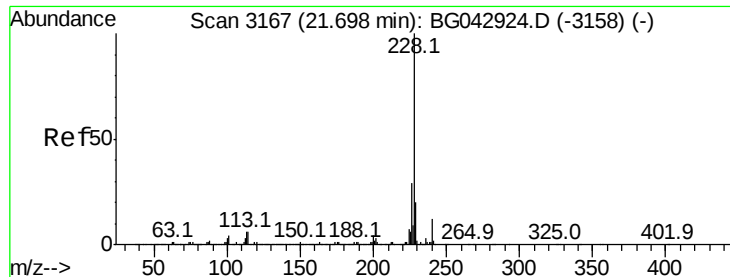


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.095 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampled :

PB123461BS

Tot Ion:228 Resp: 1407775

Ion Ratio Lower Upper

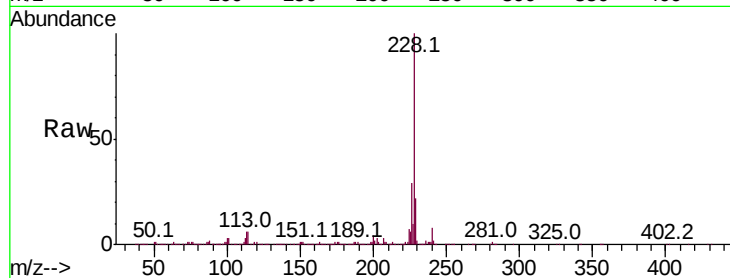
228 100

226 29.0 23.0 34.4

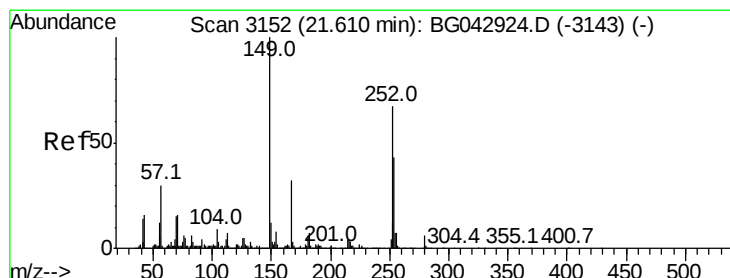
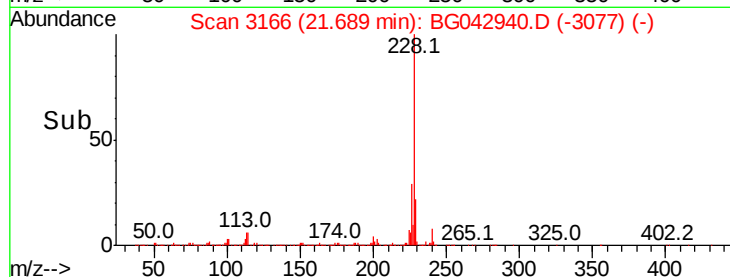
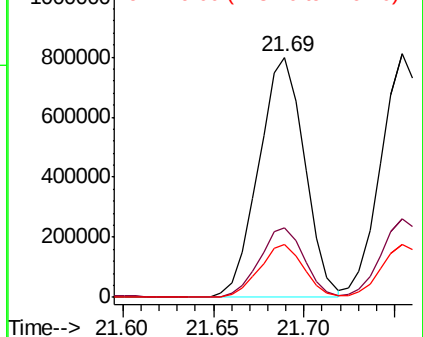
229 21.8 16.3 24.5

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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: 36.702 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

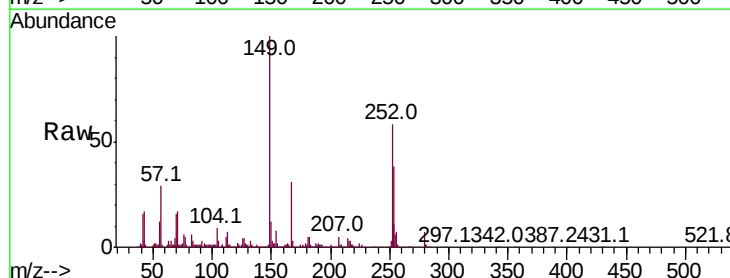
Tgt Ion:252 Resp: 481417

Ion Ratio Lower Upper

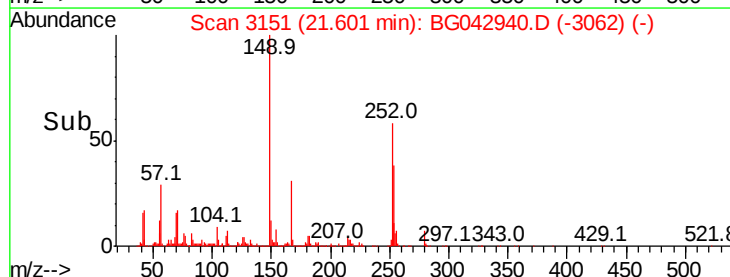
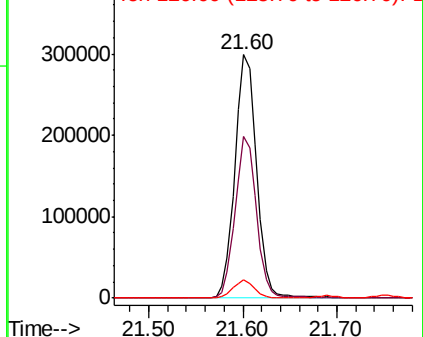
252 100

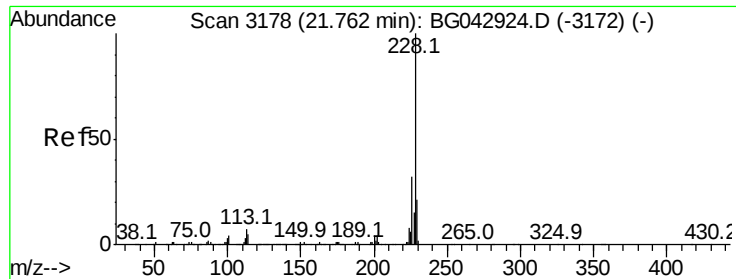
254 66.4 51.9 77.9

126 7.4 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





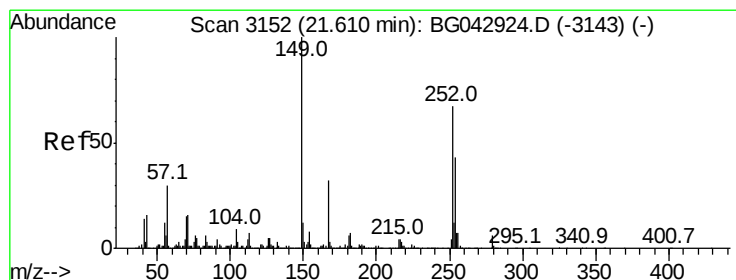
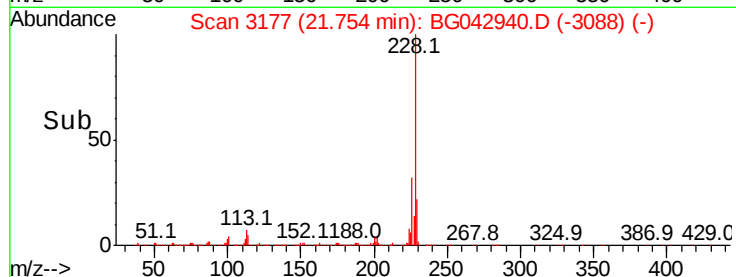
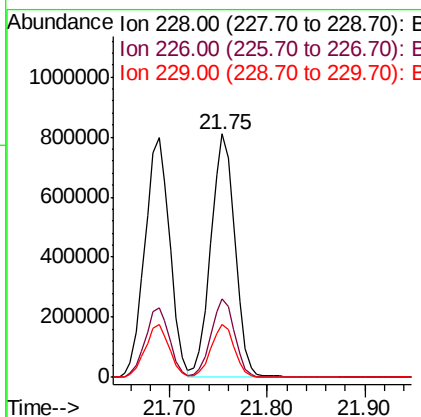
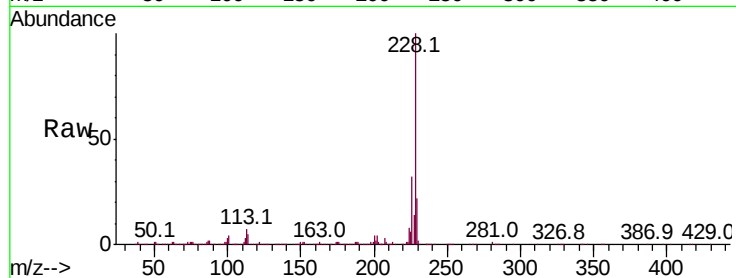
#83
Chrysene
Concen: 42.552 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleID :
PB123461BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.6	38.4
229	21.9	16.9	25.3

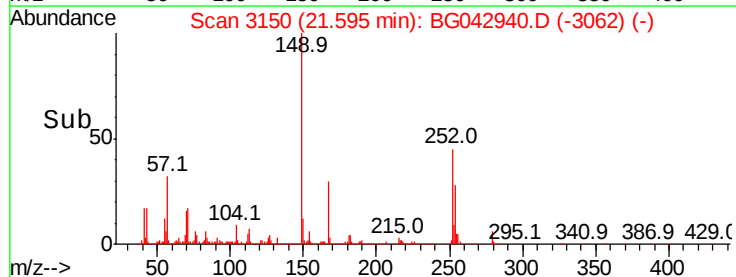
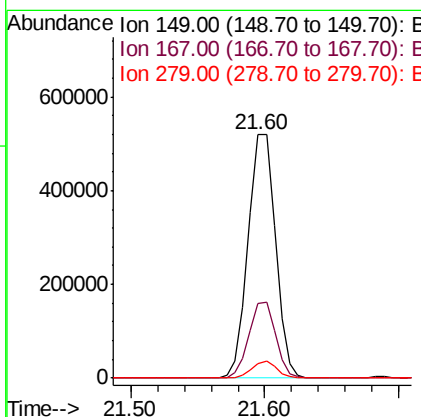
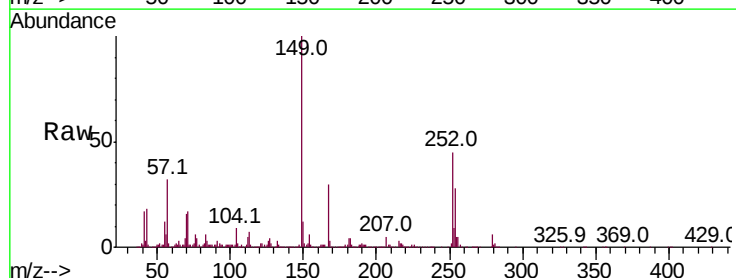
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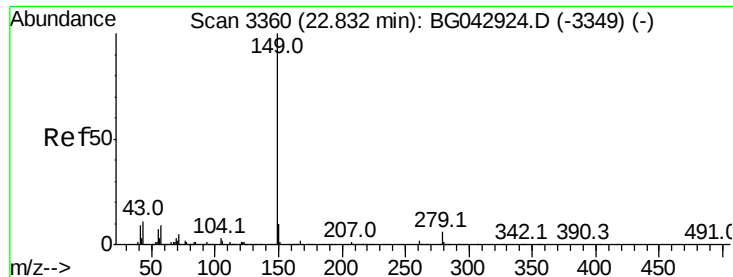
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.305 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt 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: 43.102 ng

RT: 22.82 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampleId :

PB123461BS

Tot Ion:149 Resp: 1219503

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

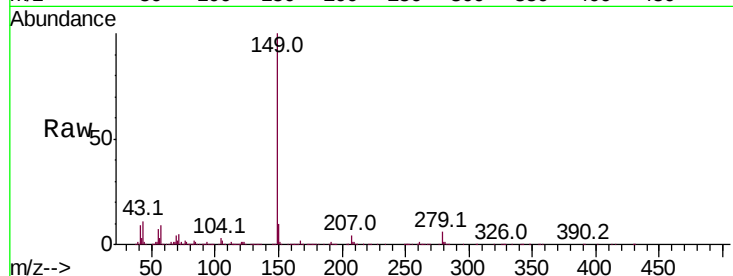
43 10.7 8.7 13.1

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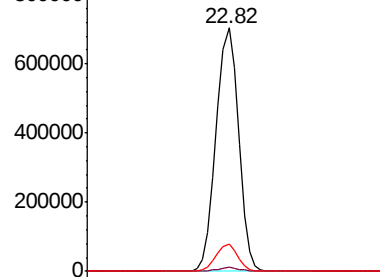
10/2/2019 8:33:11 AM



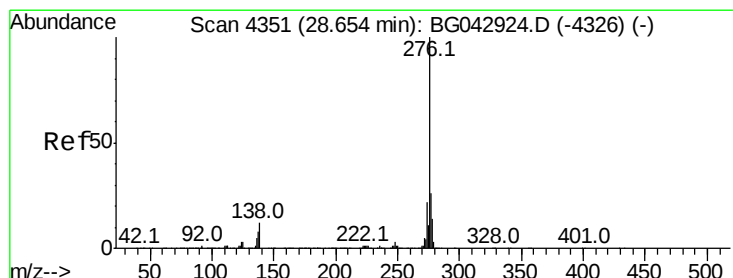
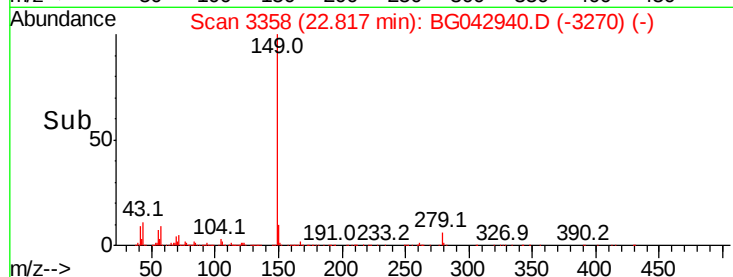
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.873 ng

RT: 28.62 min Scan# 4346

Delta R.T. -0.03 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

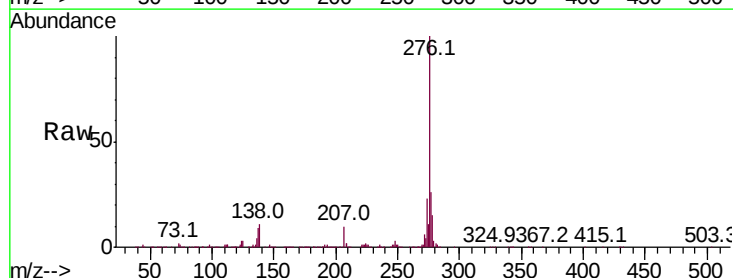
Tgt Ion:276 Resp: 1732191

Ion Ratio Lower Upper

276 100

138 9.1 7.0 10.6

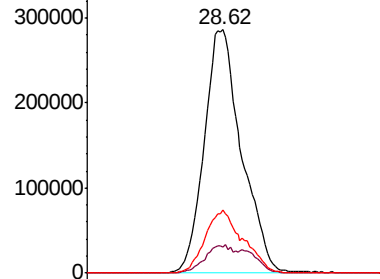
277 26.3 20.9 31.3



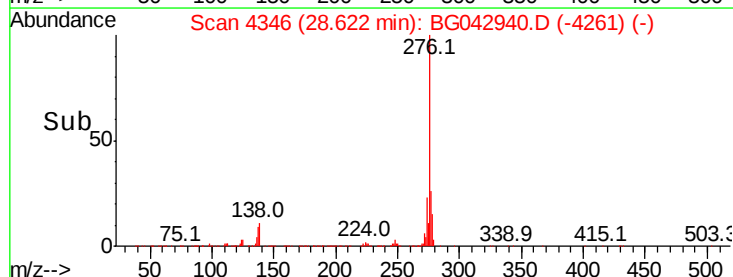
Abundance Ion 276.00 (275.70 to 276.70): E

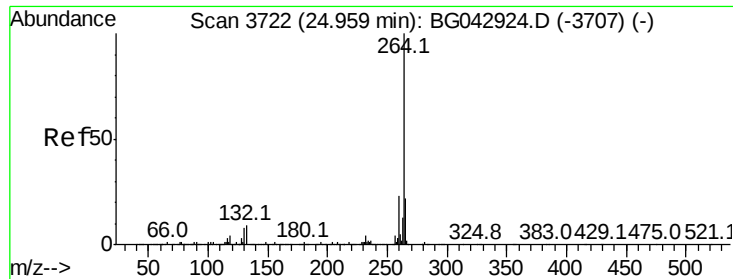
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->





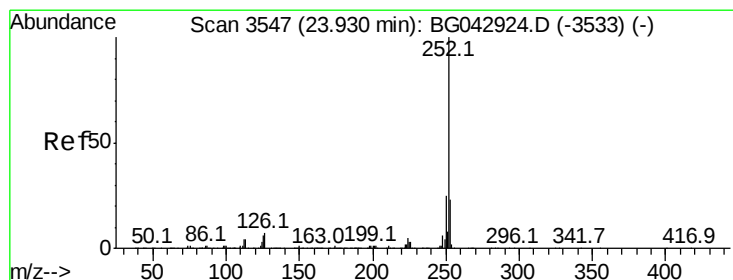
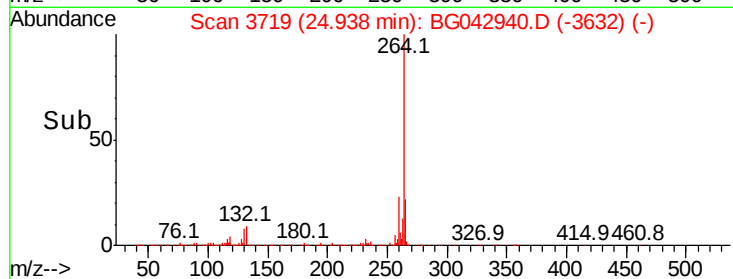
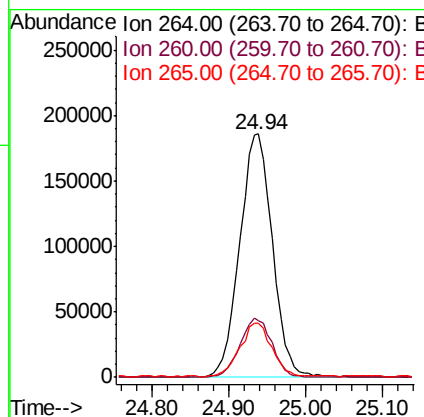
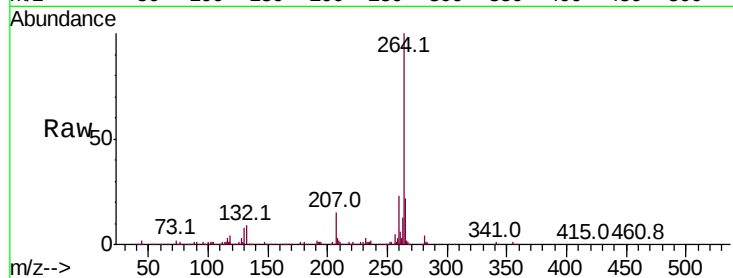
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.02 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB123461BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.1	17.7	26.5

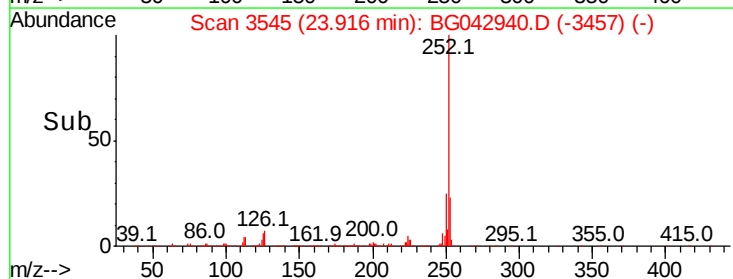
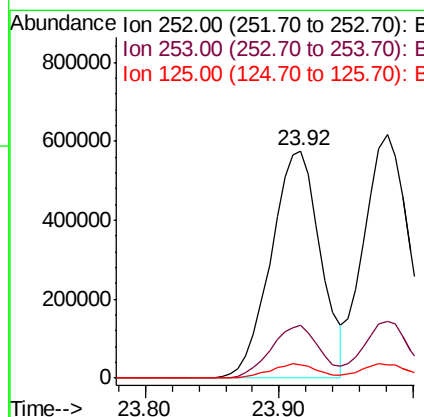
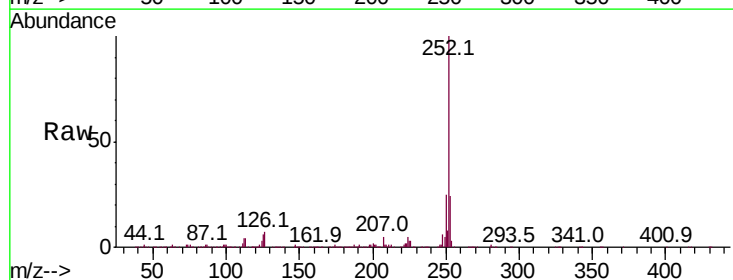
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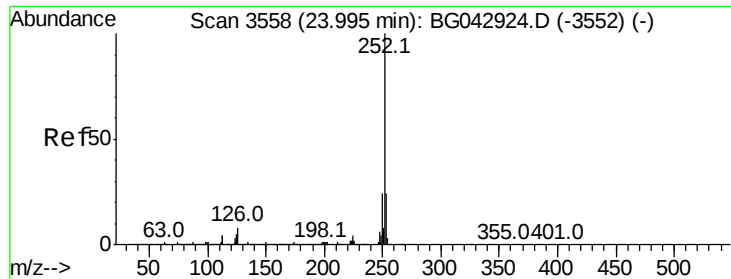
mohammad
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#88
Benzo(b)fluoranthene
Concen: 47.439 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	5.6	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 47.101 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.01 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

Instrument :

BNA_G

ClientSampleId :

PB123461BS

Tot Ion:252 Resp: 1457086

Ion Ratio Lower Upper

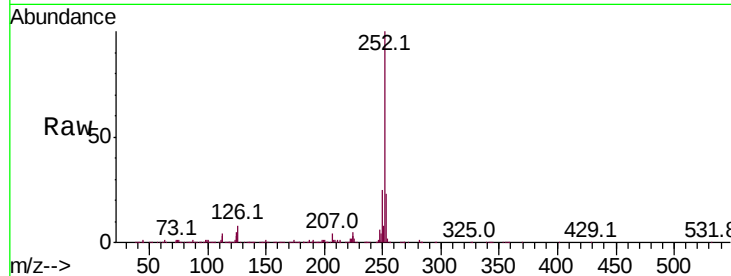
252 100

253 23.3 18.9 28.3

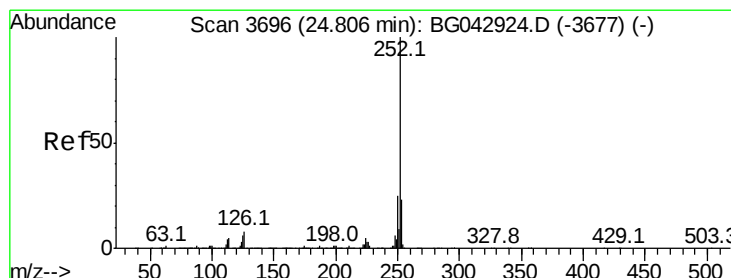
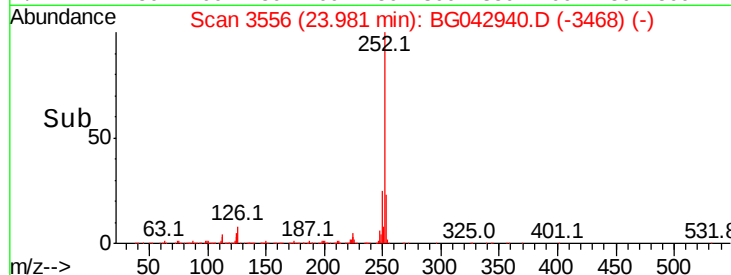
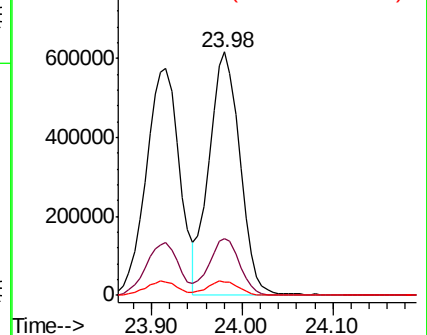
125 5.4 4.5 6.7

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.847 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.02 min

Lab File: BG042940.D

Acq: 30 Sep 2019 13:03

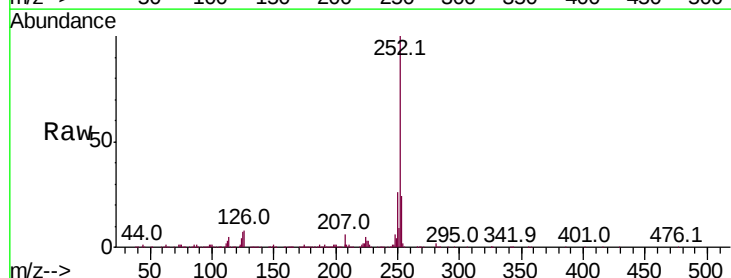
Tgt Ion:252 Resp: 1441113

Ion Ratio Lower Upper

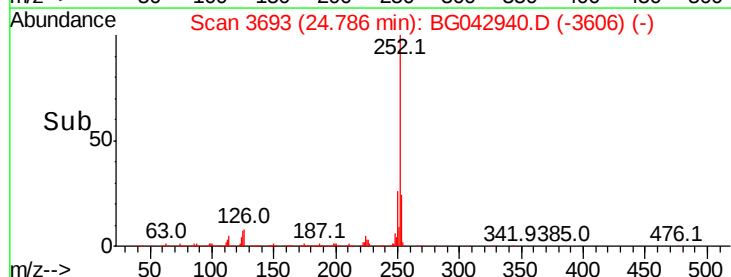
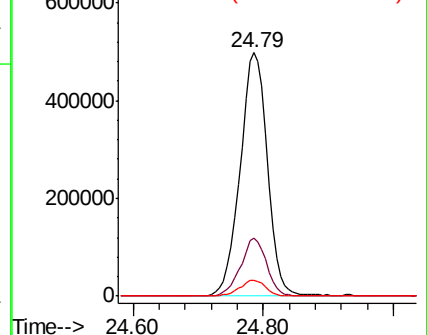
252 100

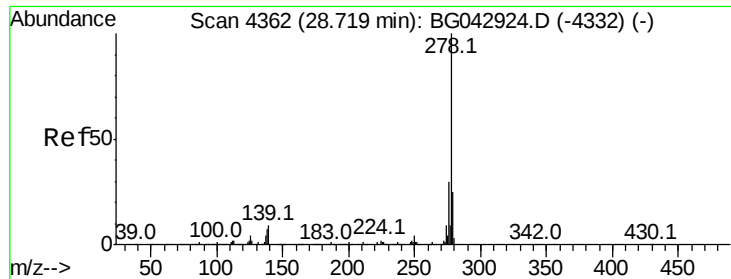
253 23.8 18.2 27.4

125 6.7 5.0 7.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





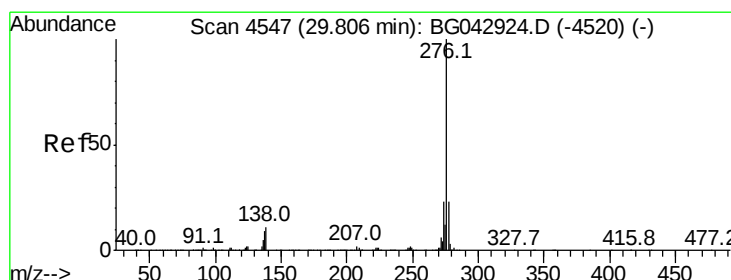
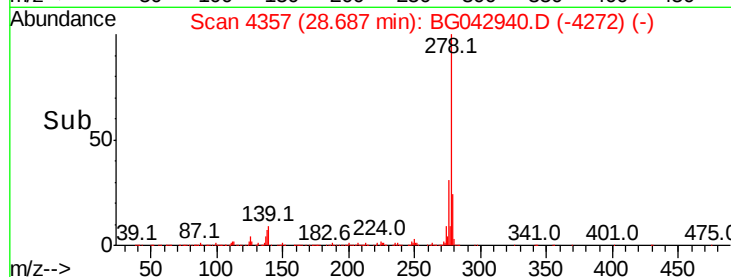
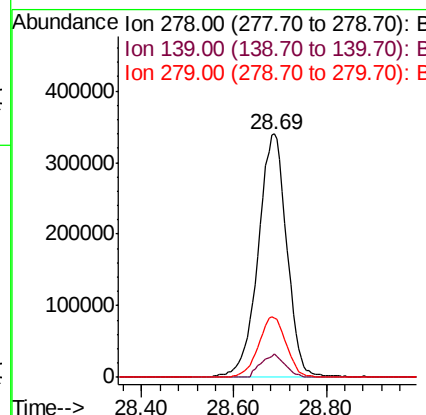
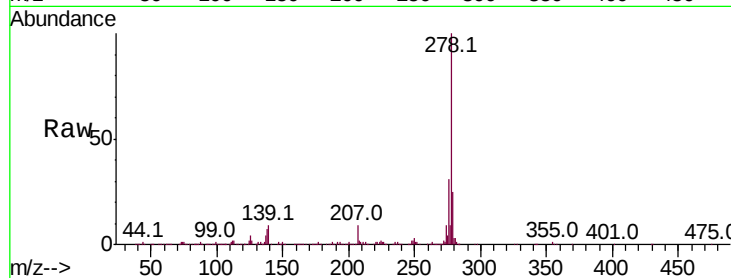
#91
Dibenzo(a,h)anthracene
Concen: 48.333 ng
RT: 28.69 min Scan# 4357
Delta R.T. -0.03 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB123461BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.4	6.8	10.2
279	24.5	20.1	30.1

Manual Integrations
APPROVED

mohammad
10/2/2019 8:33:11 AM



#92
Benzo(g,h,i)perylene
Concen: 48.835 ng
RT: 29.77 min Scan# 4541
Delta R.T. -0.04 min
Lab File: BG042940.D
Acq: 30 Sep 2019 13:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	11.6	8.6	12.8

