

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041830.D
 Acq On : 31 Jul 2019 11:32
 Operator : HP/JU
 Sample : PB121812BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121812BS

Manual Integrations
 APPROVED

mohammad
 8/1/2019 5:05:28 PM

Quant Time: Jul 31 13:03:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	100385	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	407798	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	297717	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	668898	20.00	ng	0.00
76) Chrysene-d12	21.74	240	659000	20.00	ng	0.00
87) Perylene-d12	25.01	264	729801	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	658113	127.55	ng	0.00
7) Phenol-d6	7.20	99	901067	129.54	ng	0.00
23) Nitrobenzene-d5	9.21	82	521888	88.07	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	462952	136.90	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1402840	83.11	ng	0.00
79) Terphenyl-d14	20.06	244	2228664	77.39	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.46	88	92796	38.212 ng	92
3) Pyridine	3.86	79	174208	26.160 ng	86
4) n-Nitrosodimethylamine	3.78	42	90580	34.312 ng	94
6) Aniline	7.36	93	296109	30.232 ng	94
8) 2-Chlorophenol	7.61	128	252927	42.810 ng	93
9) Benzaldehyde	7.17	77	45372m	9.270 ng	
10) Phenol	7.22	94	303747	41.974 ng	98
11) bis(2-Chloroethyl)ether	7.45	93	225597	37.921 ng	95
12) 1,3-Dichlorobenzene	7.94	146	272063	35.282 ng	97
13) 1,4-Dichlorobenzene	8.08	146	279259	36.194 ng	96
14) 1,2-Dichlorobenzene	8.40	146	266422	36.187 ng	94
15) Benzyl Alcohol	8.28	79	217275	39.704 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	377859	35.700 ng	97
17) 2-Methylphenol	8.48	107	216608	41.158 ng	99
18) Hexachloroethane	9.14	117	96672	36.587 ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	187020	37.033 ng	91
20) 3+4-Methylphenols	8.81	107	297143	41.259 ng	100
22) Acetophenone	8.87	105	362601	39.752 ng	# 93
24) Nitrobenzene	9.25	77	265478	42.524 ng	97
25) Isophorone	9.78	82	508005	39.408 ng	97
26) 2-Nitrophenol	9.97	139	146710	50.635 ng	95
27) 2,4-Dimethylphenol	10.03	122	247263	48.352 ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	308606	38.309 ng	100
29) 2,4-Dichlorophenol	10.51	162	282380	45.344 ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	311246	39.413 ng	98
31) Naphthalene	10.92	128	760104	40.726 ng	98
32) Benzoic acid	10.17	122	141303	40.374 ng	98
33) 4-Chloroaniline	11.02	127	213498	24.122 ng	94
34) Hexachlorobutadiene	11.21	225	204325	38.337 ng	97
35) Caprolactam	11.79	113	94393m	43.615 ng	
36) 4-Chloro-3-methylphenol	12.14	107	276526	44.789 ng	95
37) 2-Methylnaphthalene	12.52	142	610116	41.299 ng	99
38) 1-Methylnaphthalene	12.75	142	581839	41.560 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	388060	41.178 ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	443949	83.789	nq	98
43) 2,4,6-Trichlorophenol	13.13	196	255789	42.944	nq	98
44) 2,4,5-Trichlorophenol	13.20	196	280486	45.315	nq	96
46) 1,1'-Biphenyl	13.54	154	785743	41.057	nq	96
47) 2-Chloronaphthalene	13.58	162	635735	39.016	nq	98
48) 2-Nitroaniline	13.77	65	180070	43.574	nq	90
49) Acenaphthylene	14.42	152	1001441	41.088	nq	98
50) Dimethylphthalate	14.15	163	838445	41.236	nq	99
51) 2,6-Dinitrotoluene	14.26	165	201222	47.328	nq	89
52) Acenaphthene	14.77	154	704703	44.454	nq	99
53) 3-Nitroaniline	14.59	138	152140	33.449	nq	95
54) 2,4-Dinitrophenol	14.80	184	221388	84.175	nq	90
55) Dibenzofuran	15.10	168	1002614	41.350	nq	96
56) 4-Nitrophenol	14.90	139	332715	96.366	nq	92
57) 2,4-Dinitrotoluene	15.05	165	281026	48.064	nq	97
58) Fluorene	15.75	166	805822	41.413	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	288041	46.985	nq	# 92
60) Diethylphthalate	15.52	149	832505	41.704	nq	98
61) 4-Chlorophenyl-phenylether	15.74	204	482595	40.626	nq	96
62) 4-Nitroaniline	15.76	138	202663	41.136	nq	97
63) Azobenzene	16.04	77	662293	40.615	nq	94
65) 4,6-Dinitro-2-methylphenol	15.82	198	153954	47.165	nq	86
66) n-Nitrosodiphenylamine	15.96	169	765648	42.022	nq	97
67) 4-Bromophenyl-phenylether	16.64	248	332254	40.324	nq	97
68) Hexachlorobenzene	16.76	284	338548	39.275	nq	93
69) Atrazine	16.90	200	307248	42.919	nq	100
70) Pentachlorophenol	17.10	266	444746	90.823	nq	100
71) Phenanthrene	17.50	178	1333875	41.603	nq	97
72) Anthracene	17.59	178	1366342	42.729	nq	96
73) Carbazole	17.85	167	1226854	42.747	nq	94
74) Di-n-butylphthalate	18.42	149	1399515	43.012	nq	97
75) Fluoranthene	19.50	202	1653342	42.424	nq	94
77) Benzidine	19.67	184	647550	30.105	nq	97
78) Pyrene	19.86	202	1655143	42.391	nq	94
80) Butylbenzylphthalate	20.75	149	667297	44.576	nq	91
81) Benzo(a)anthracene	21.72	228	1603384	41.124	nq	96
82) 3,3'-Dichlorobenzidine	21.63	252	536481	34.271	nq	98
83) Chrysene	21.78	228	1588977	42.516	nq	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	916491	44.383	nq	98
85) Di-n-octyl phthalate	22.87	149	1585531	45.624	nq	# 91
86) Indeno(1,2,3-cd)pyrene	28.75	276	2125888	42.969	nq	# 90
88) Benzo(b)fluoranthene	23.97	252	1831865m	45.885	nq	
89) Benzo(k)fluoranthene	24.04	252	1754307	45.110	nq	# 97
90) Benzo(a)pyrene	24.86	252	1787399	46.681	nq	# 97
91) Dibenzo(a,h)anthracene	28.82	278	1746434	46.452	nq	# 97
92) Benzo(g,h,i)perylene	29.92	276	1780362	47.398	nq	# 95

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

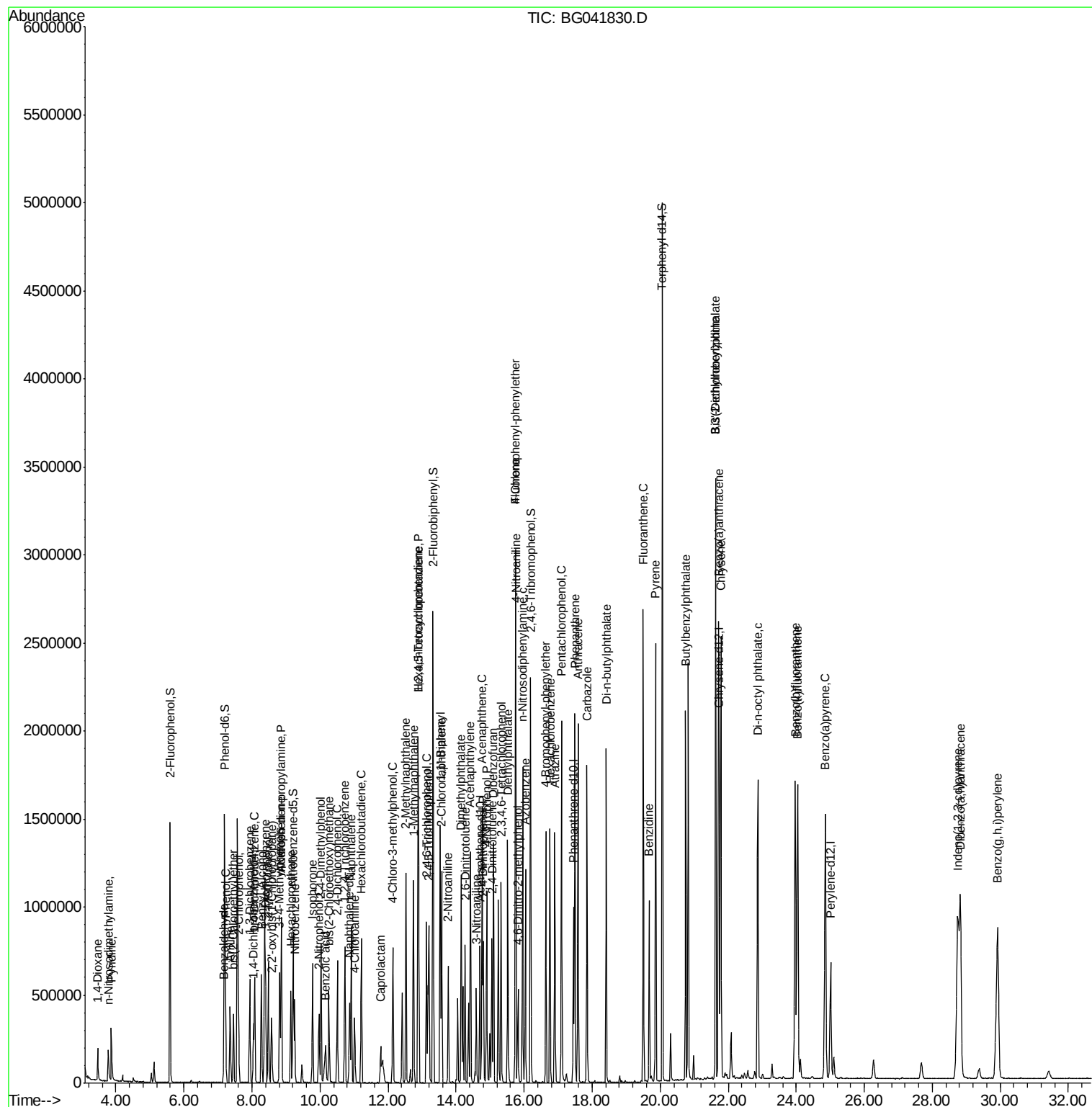
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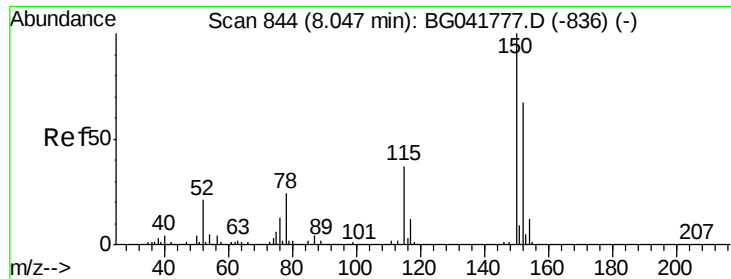
Instrument :
BNA_G
ClientSampleId :
PB121812BS

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#1

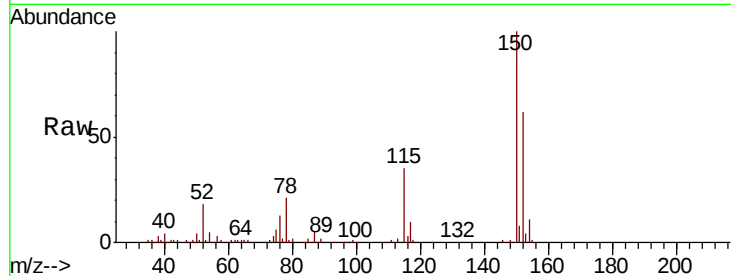
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	126.9	190.3
115	57.0	45.0	67.6

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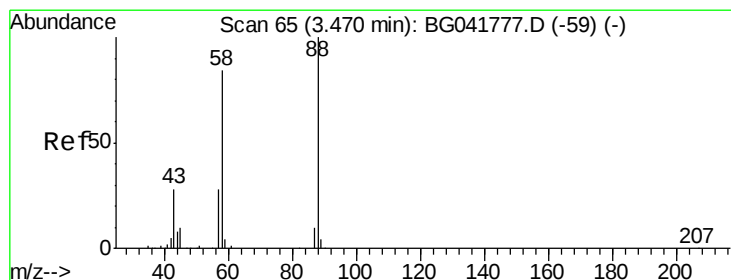
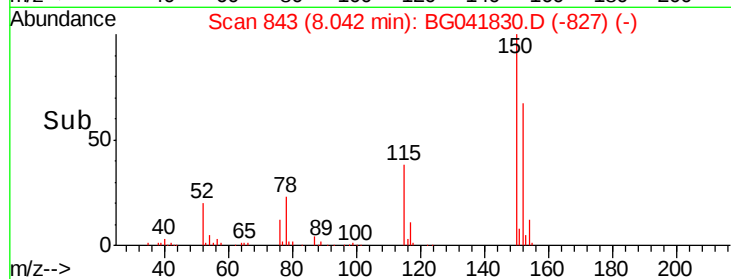
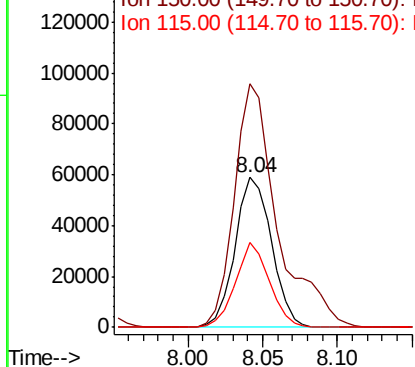


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

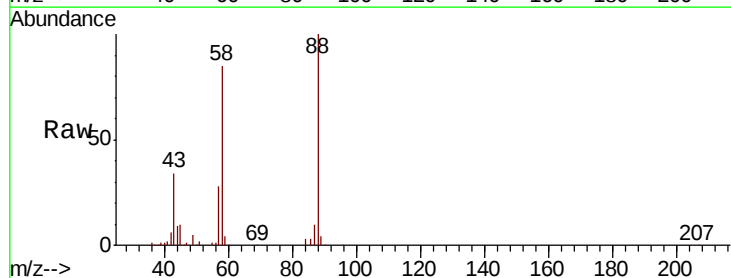
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.212 ng
RT: 3.46 min Scan# 64
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.6	76.2	114.2
43	29.4	27.2	40.8

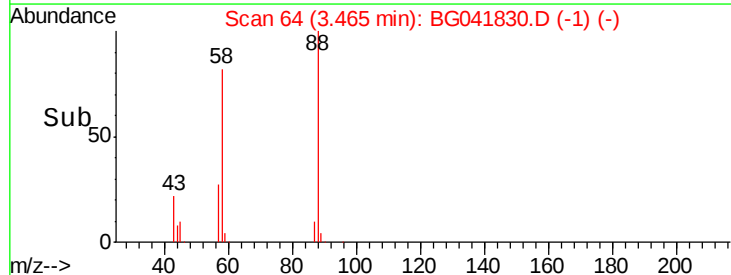
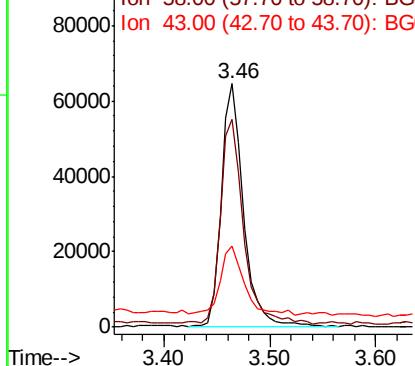


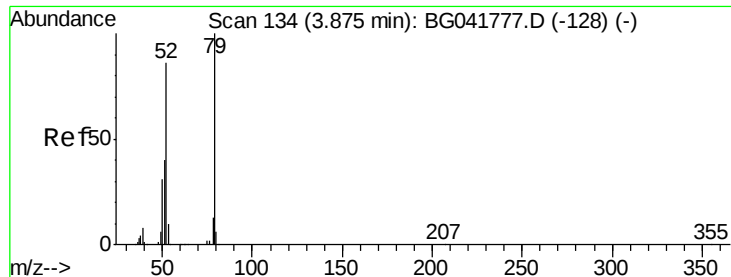
Abundance

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





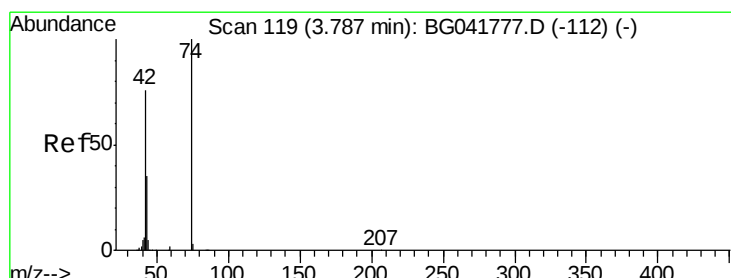
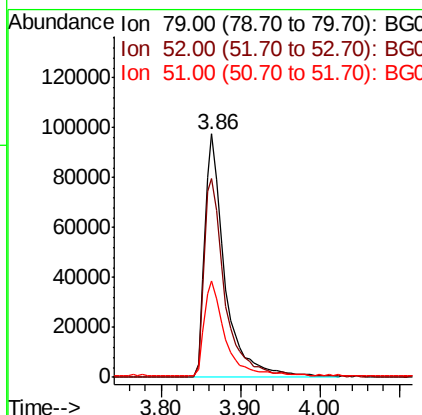
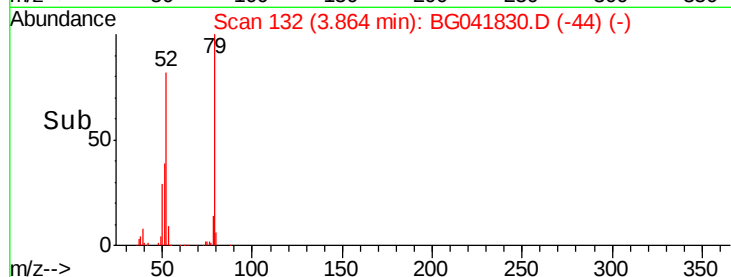
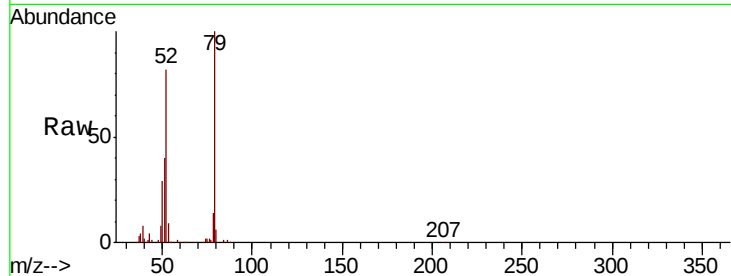
#3
 Pvridine
 Concen: 26.160 ng
 RT: 3.86 min Scan# 132
 Delta R.T. -0.01 min
 Lab File: BG041830.D
 Acq: 31 Jul 2019 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB121812BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.5	77.1	115.7
51	39.8	37.8	56.8

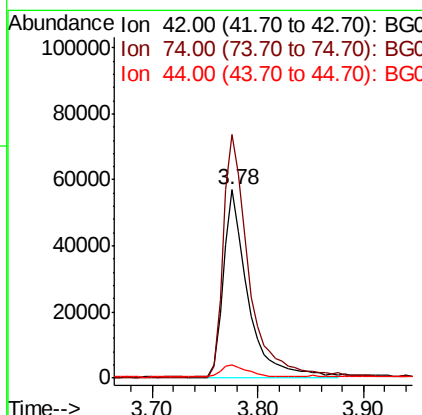
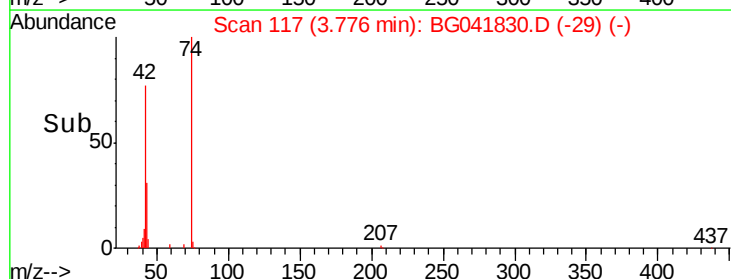
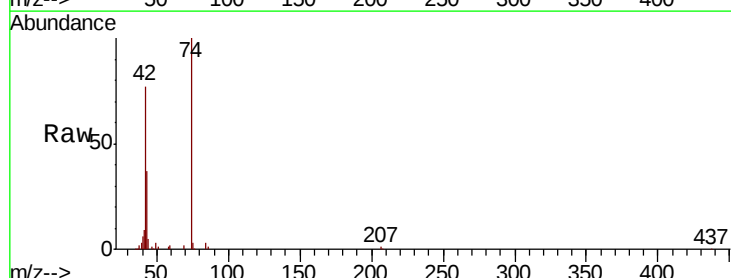
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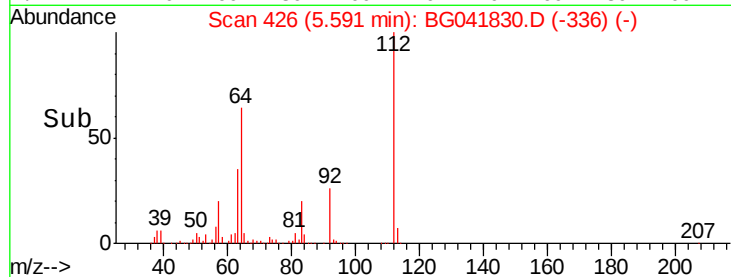
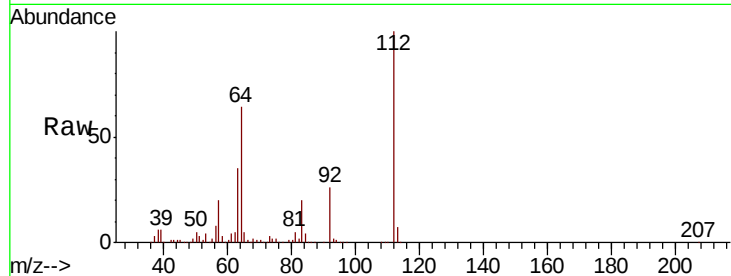
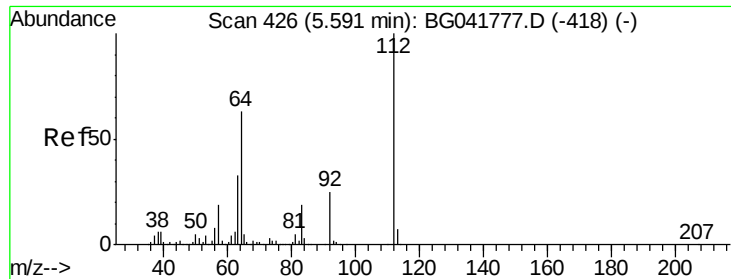
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#4
 n-Nitrosodimethylamine
 Concen: 34.312 ng
 RT: 3.78 min Scan# 117
 Delta R.T. -0.01 min
 Lab File: BG041830.D
 Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.1	97.4	146.2
44	7.0	6.6	9.8





#5

2-Fluorophenol

Concen: 127.553 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

Instrument :

BNA_G

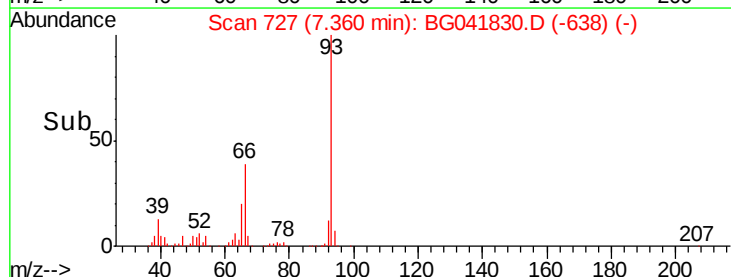
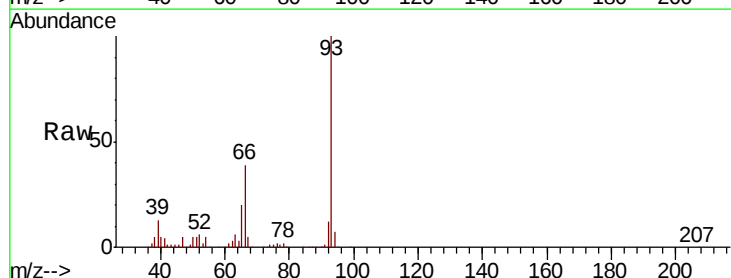
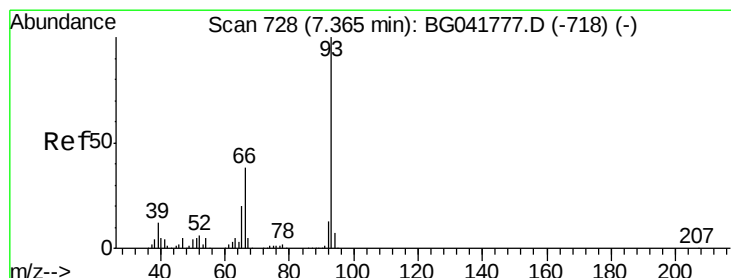
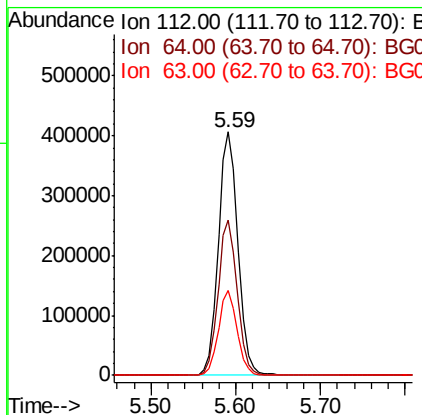
ClientSampleId :

PB121812BS

Tot Ion:	112	Resp:	658113
Ion Ratio	Lower	Upper	
112	100		
64	63.6	55.4	83.2
63	34.6	29.1	43.7

Manual Integrations
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#6

Aniline

Concen: 30.232 ng

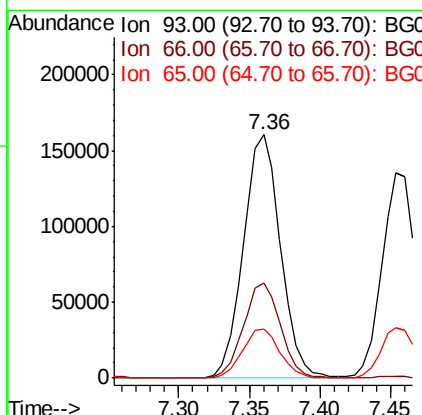
RT: 7.36 min Scan# 727

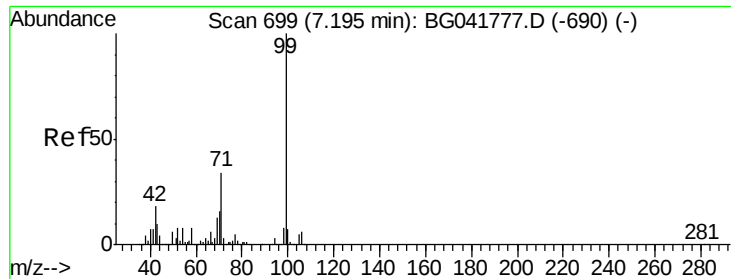
Delta R.T. -0.01 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

Tgt Ion:	93	Resp:	296109
Ion Ratio	Lower	Upper	
93	100		
66	39.1	34.2	51.2
65	20.1	18.2	27.2





#7

Phenol-d6

Concen: 129.540 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

Instrument :

BNA_G

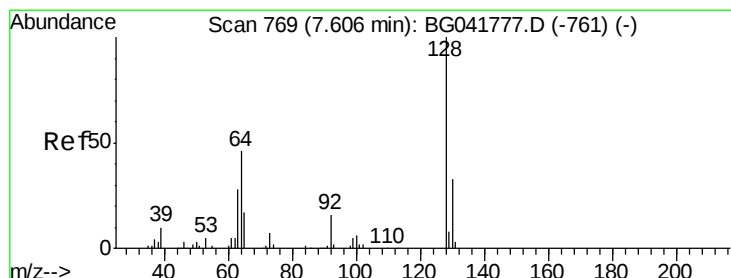
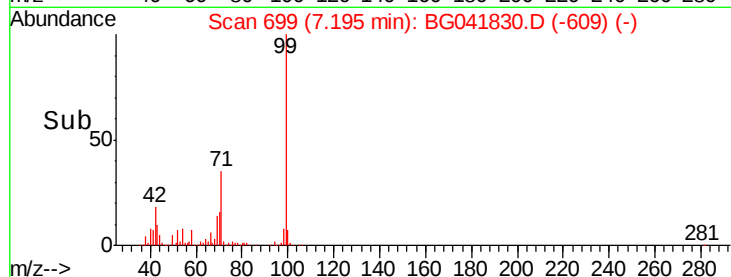
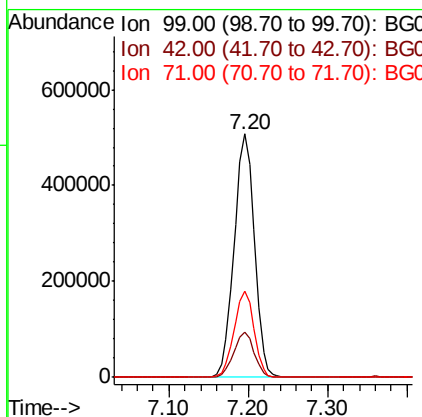
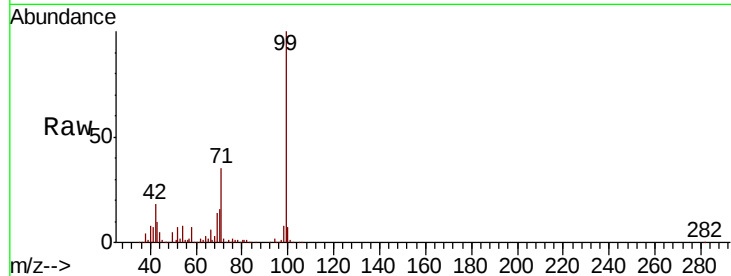
ClientSampleId :

PB121812BS

Tot Ion:	99	Resp:	901067
Ion Ratio	Lower	Upper	
99	100		
42	18.4	17.6	26.4
71	35.5	27.8	41.6

Manual Integrations
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#8

2-Chlorophenol

Concen: 42.810 ng

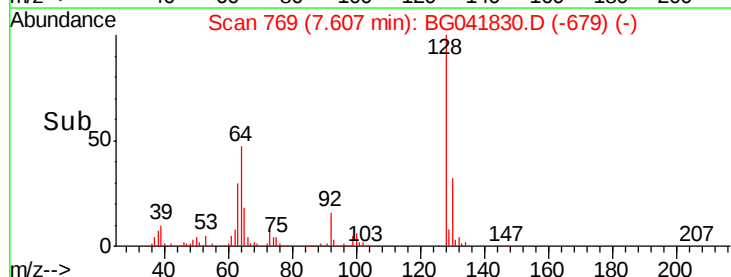
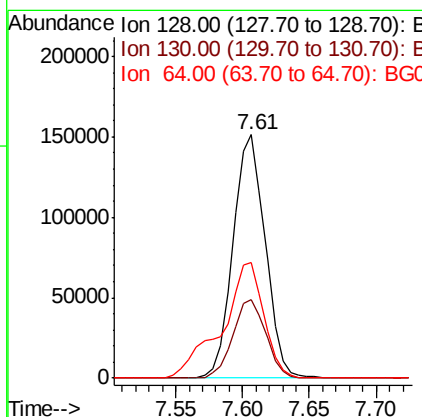
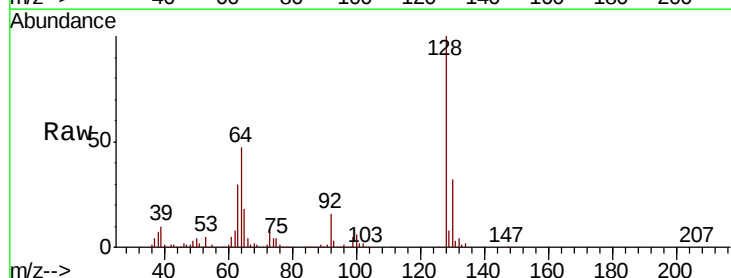
RT: 7.61 min Scan# 769

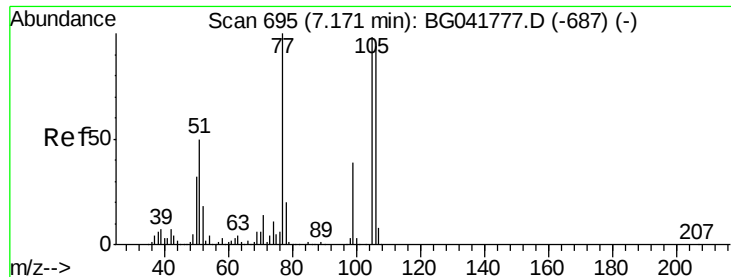
Delta R.T. 0.00 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

Tgt Ion:	128	Resp:	252927
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.4	52.4
64	47.4	34.9	74.9





#9

Benzaldehyde

Concen: 9.270 ng/mL

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

Instrument :

BNA_G

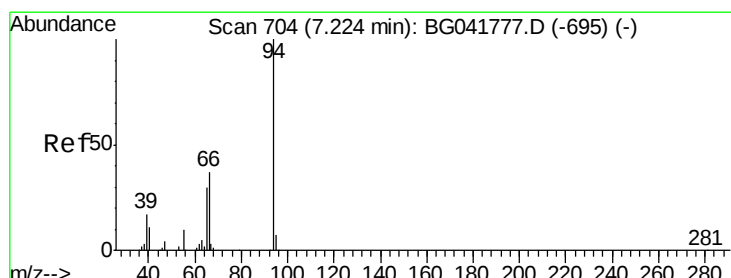
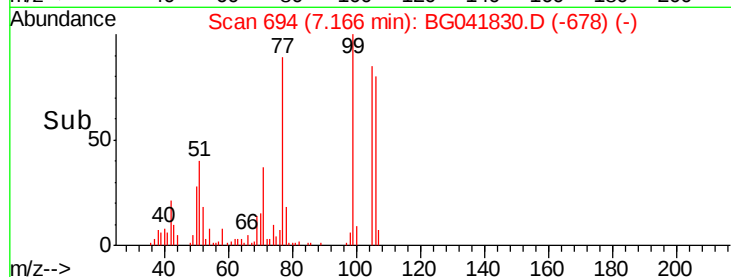
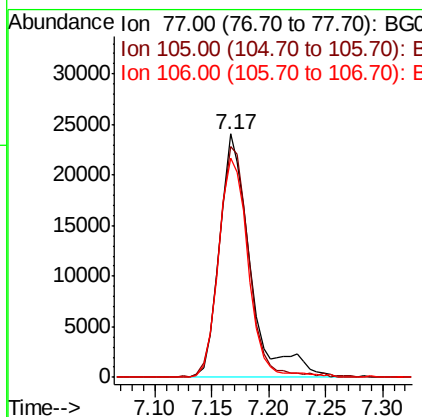
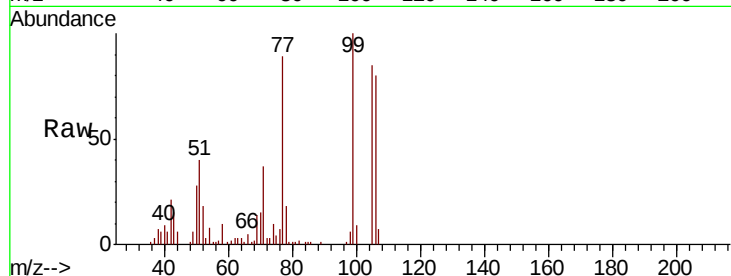
ClientSampleID :

PB121812BS

Tot Ion:	77	Resp:	45372
Ion	Ratio	Lower	Upper
77	100		
105	94.8	74.6	114.6
106	90.1	71.1	111.1

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#10

Phenol

Concen: 41.974 ng/mL

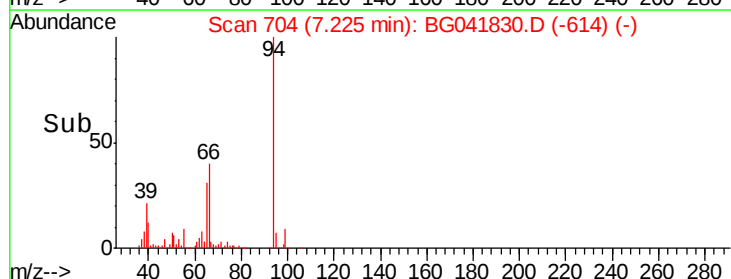
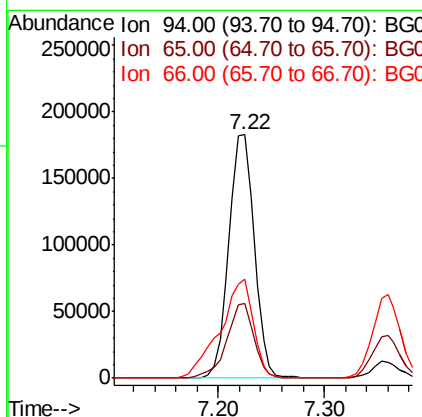
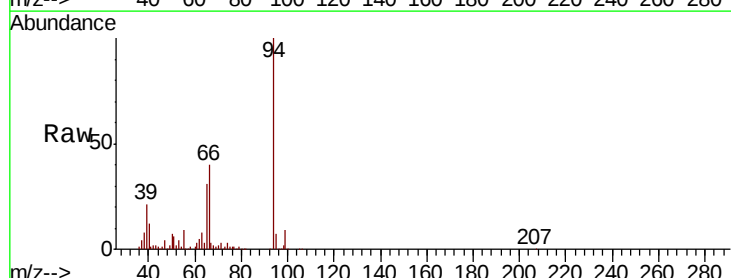
RT: 7.22 min Scan# 704

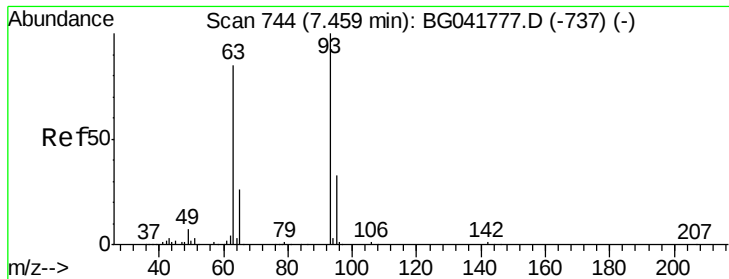
Delta R.T. 0.00 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

Tgt Ion:	94	Resp:	303747
Ion	Ratio	Lower	Upper
94	100		
65	30.5	10.6	50.6
66	40.4	18.2	58.2





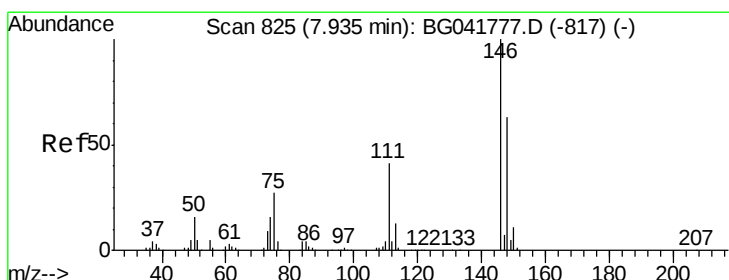
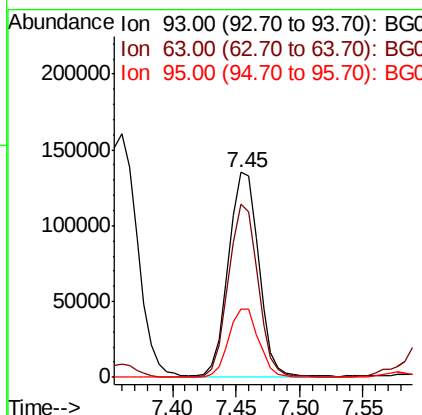
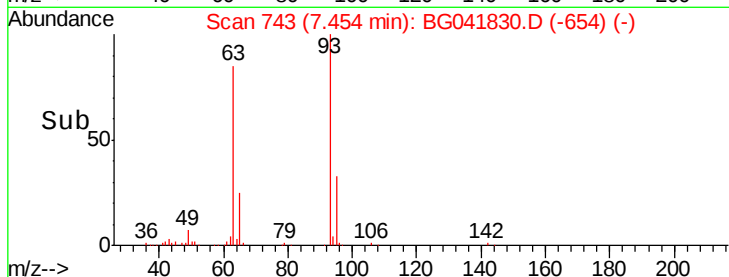
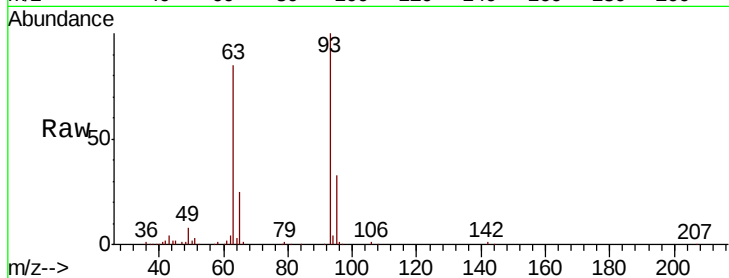
#11
bis(2-Chloroethyl)ether
Concen: 37.921 ng
RT: 7.45 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.6	70.4	110.4
95	33.1	12.8	52.8

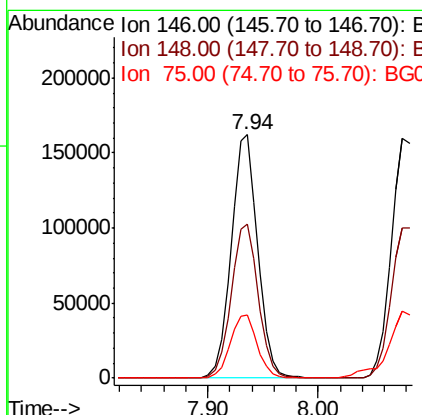
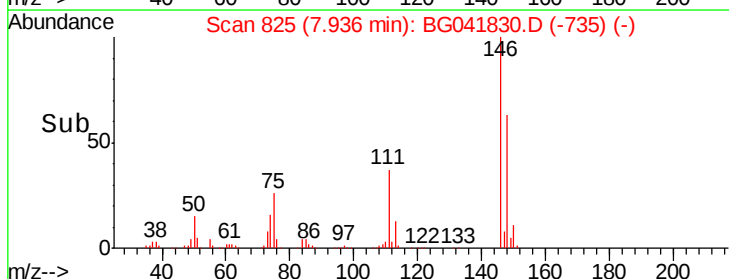
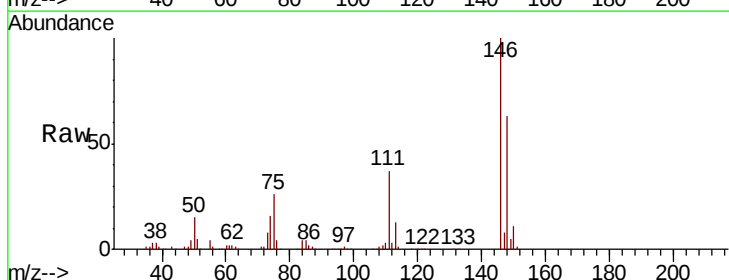
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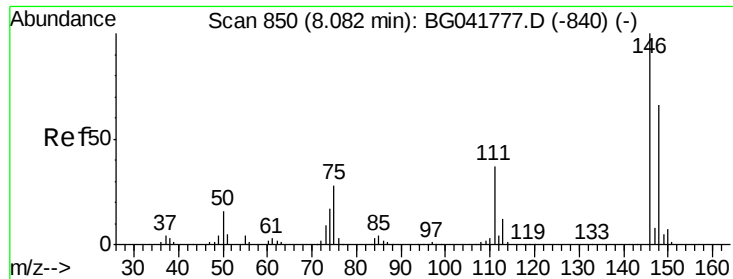
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#12
1,3-Dichlorobenzene
Concen: 35.282 ng
RT: 7.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.5	77.3
75	25.8	23.2	34.8





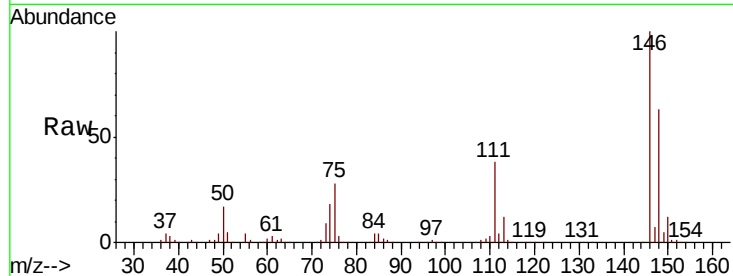
#13
1,4-Dichlorobenzene
Concen: 36.194 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.6	79.0
111	37.6	32.5	48.7

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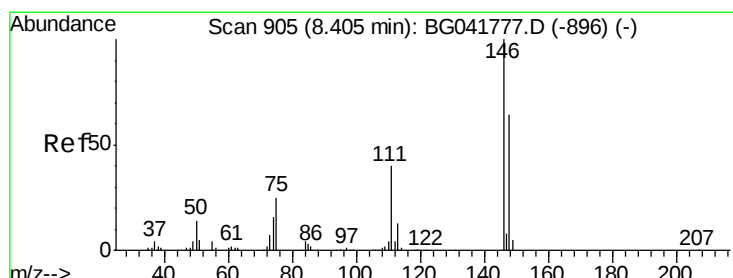
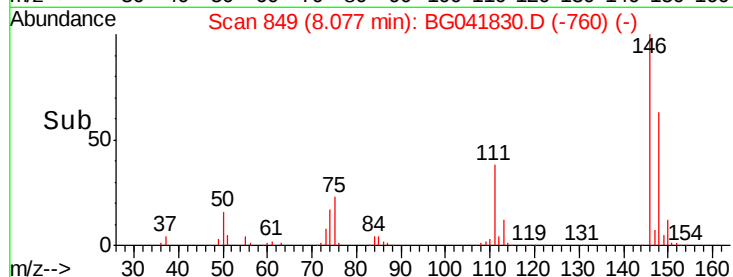
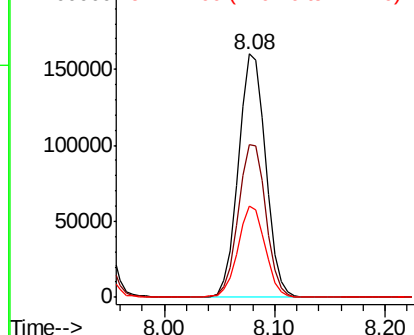


Abundance

Ion 146.00 (145.70 to 146.70): E

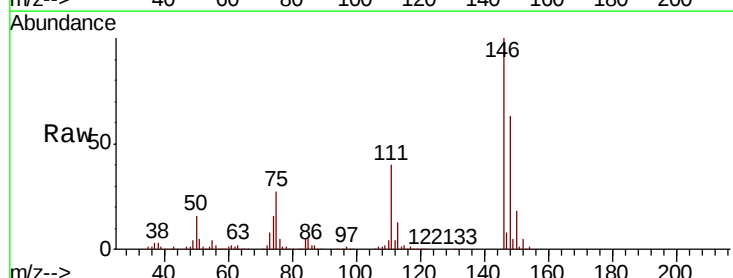
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 36.187 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	53.5	80.3
111	39.8	35.4	53.0

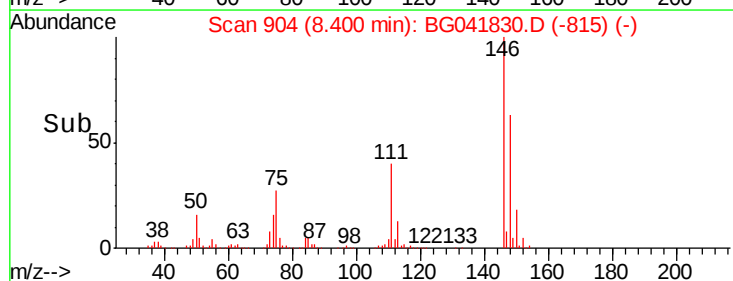
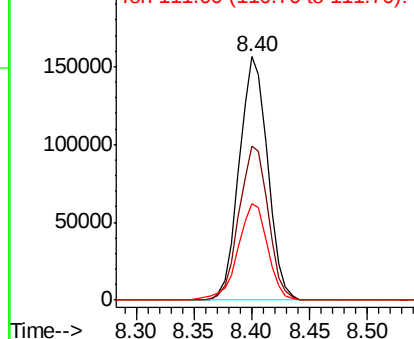


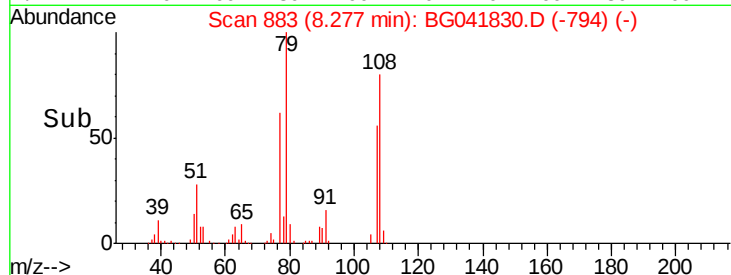
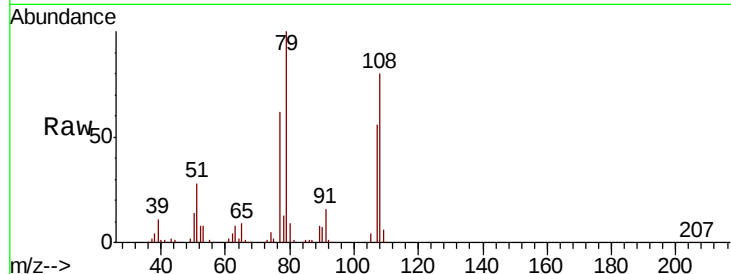
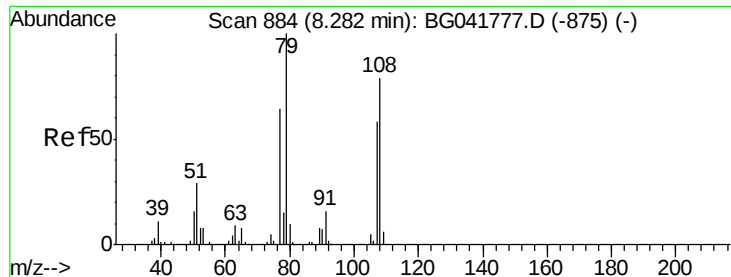
Abundance

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





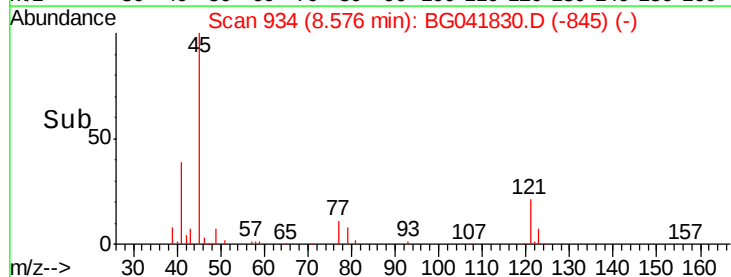
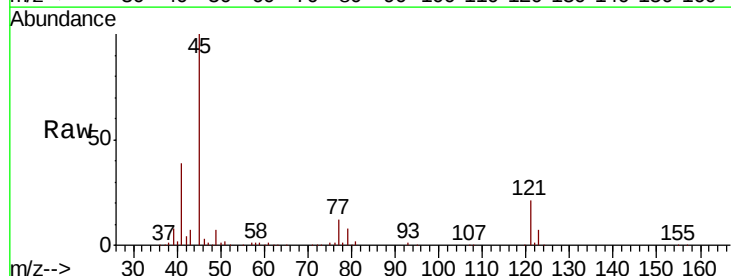
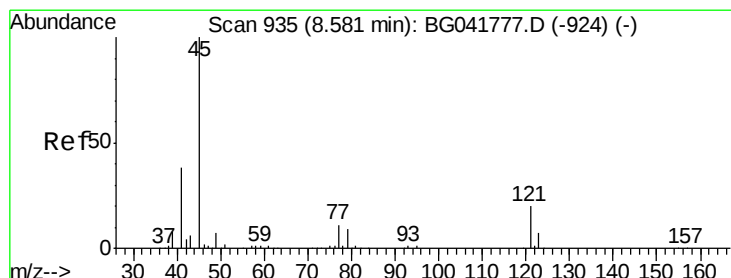
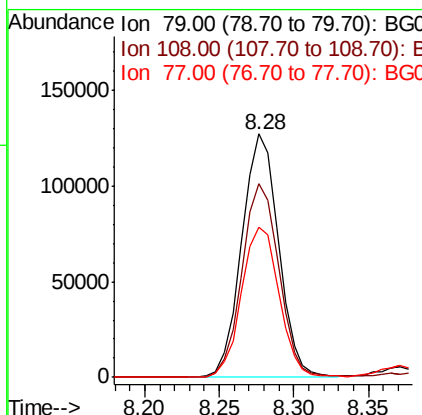
#15
Benzyl Alcohol
Concen: 39.704 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tot Ion	Ratio	Resp	Lower	Upper
79	100	217275		
108	79.6	60.5	90.7	
77	61.5	50.6	75.8	

Instrument :
BNA_G
ClientSampleId :
PB121812BS

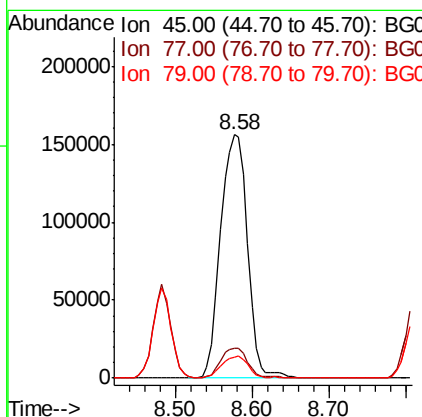
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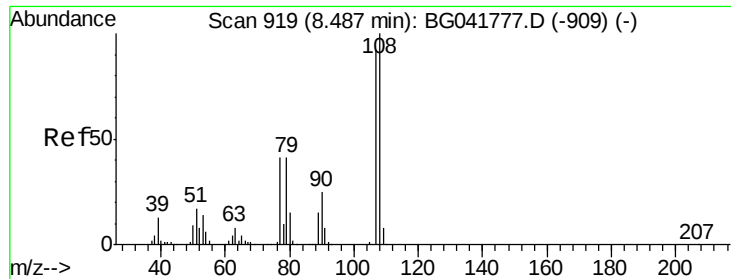
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.700 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	377859		
77	12.1	0.0	30.4	
79	8.4	0.0	27.9	





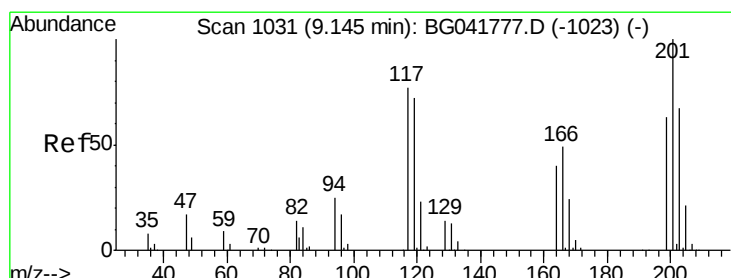
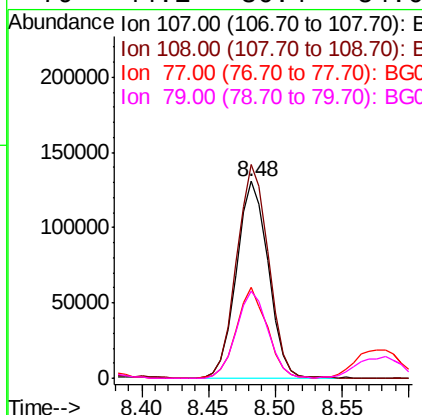
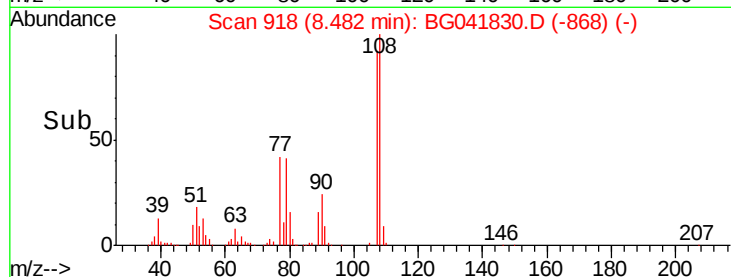
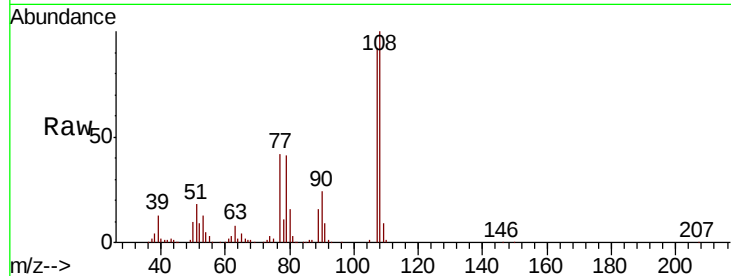
#17
2-Methylphenol
Concen: 41.158 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.7	87.6	131.4	
77	46.1	36.1	54.1	
79	44.1	36.4	54.6	

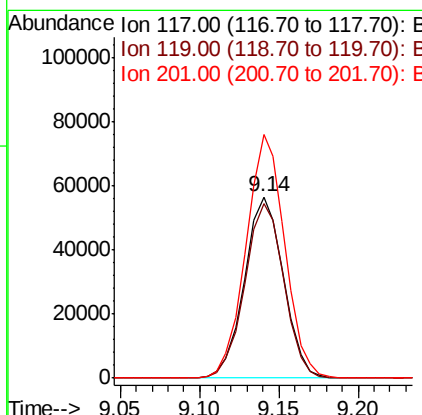
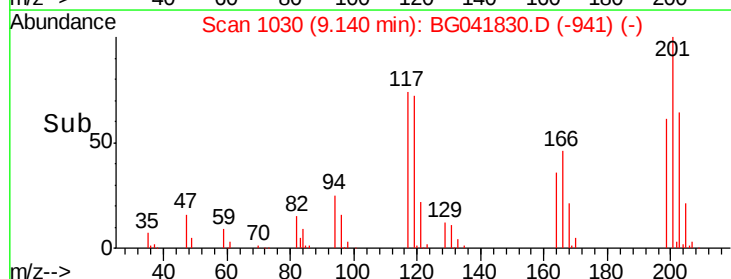
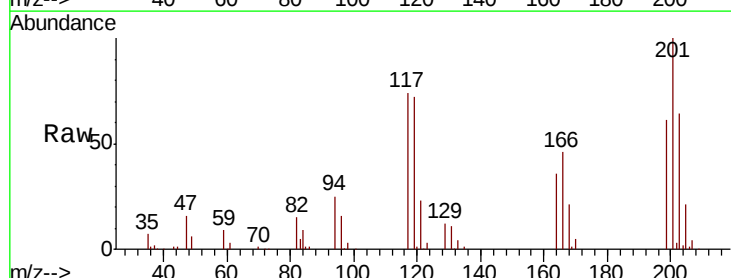
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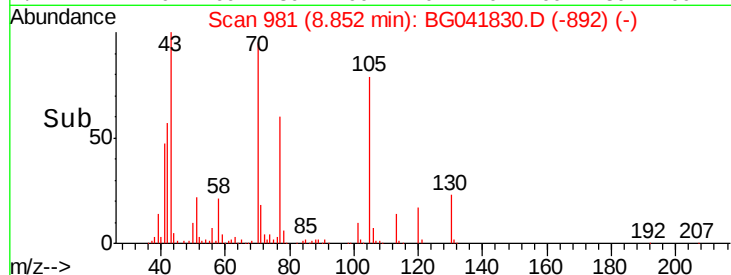
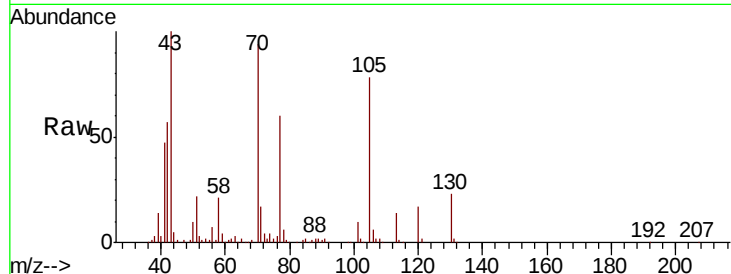
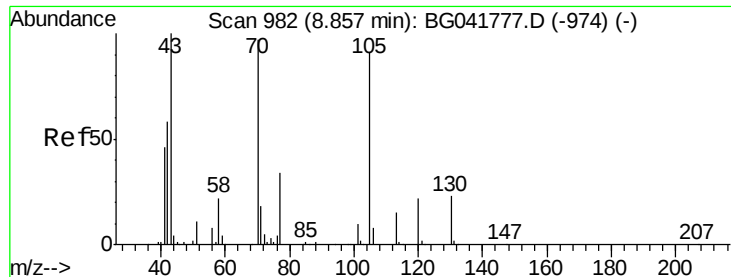
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#18
Hexachloroethane
Concen: 36.587 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	76.2	114.2	
201	134.4	94.1	141.1	





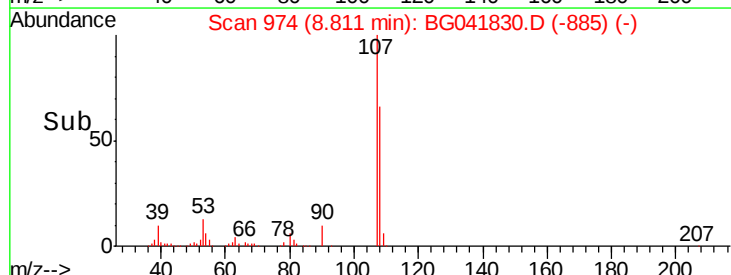
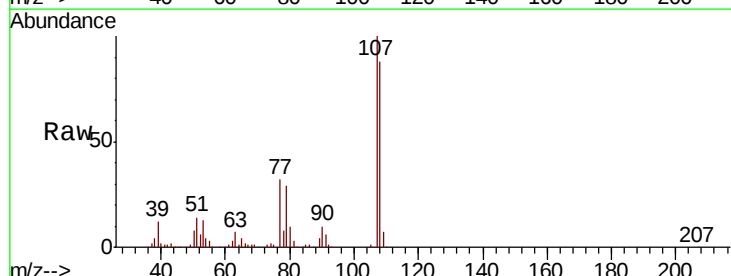
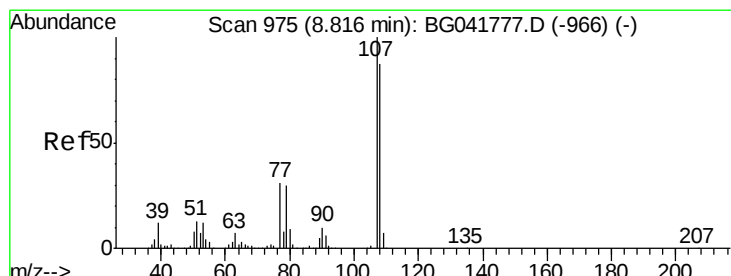
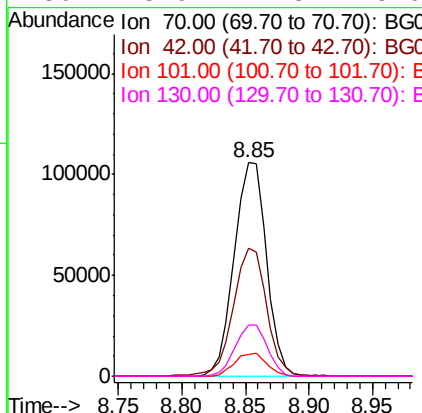
#19
n-Nitroso-di-n-propylamine
Concen: 37.033 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		187020		
42	60.2	55.8	83.6		
101	10.4	8.1	12.1		
130	23.9	17.3	25.9		

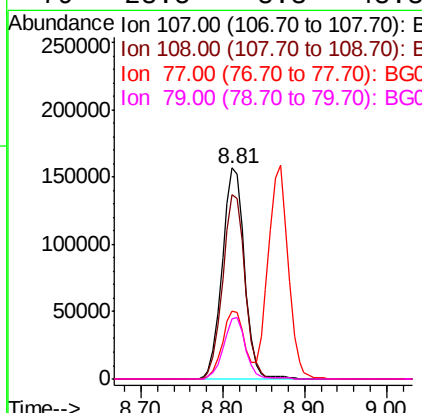
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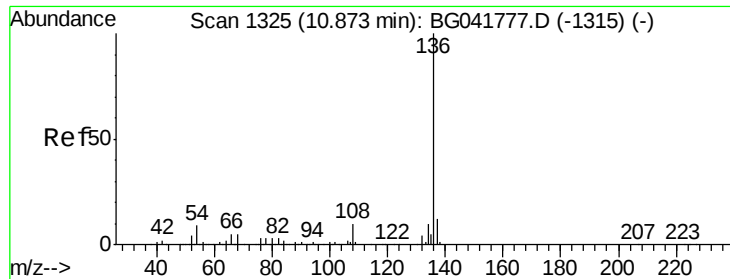
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#20
3+4-Methylphenols
Concen: 41.259 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		297143		
108	87.5	67.5	107.5		
77	31.9	12.3	52.3		
79	28.5	8.3	48.3		





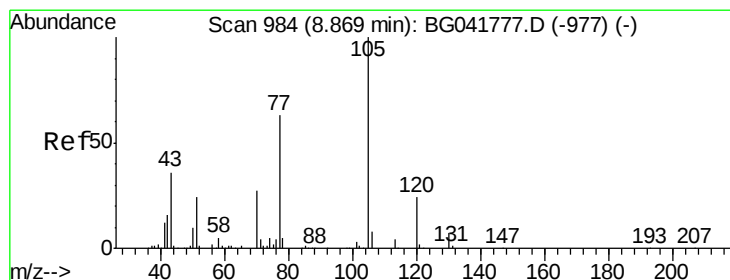
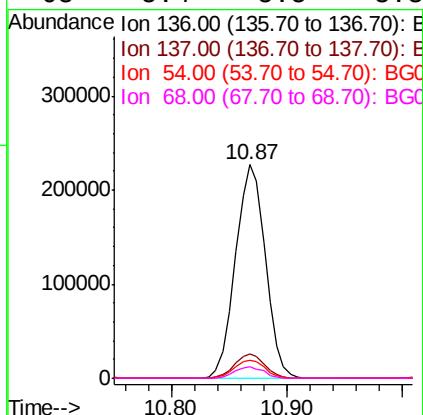
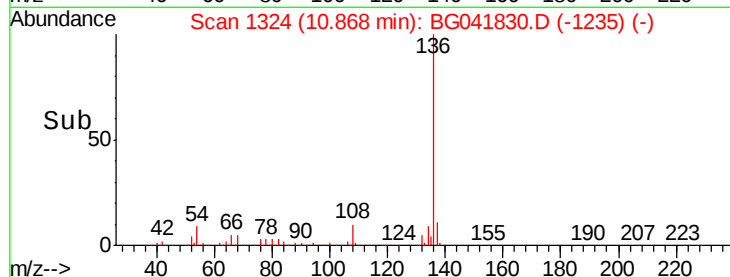
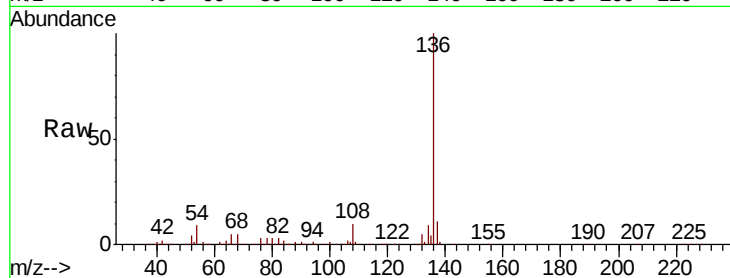
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	407798		
137	11.1	9.2	13.8	
54	8.5	8.7	13.1#	
68	5.4	5.5	8.3#	

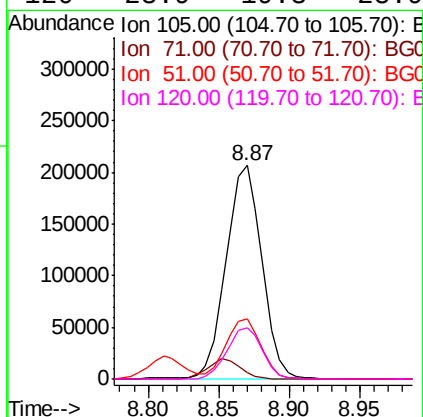
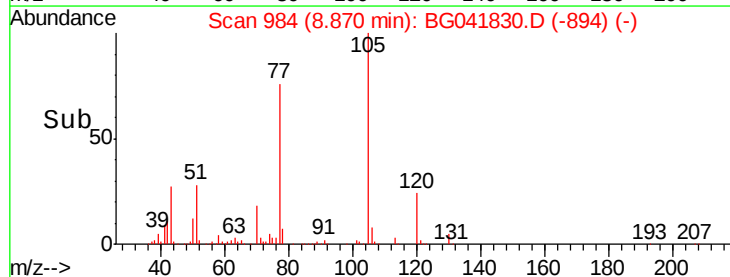
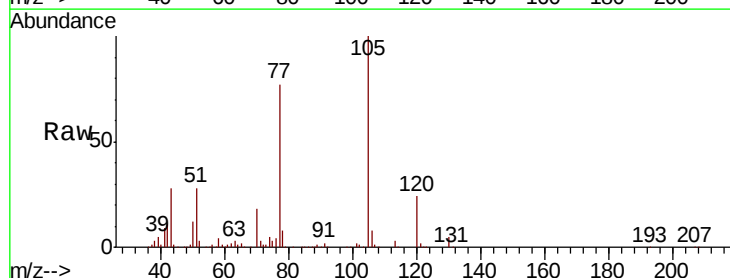
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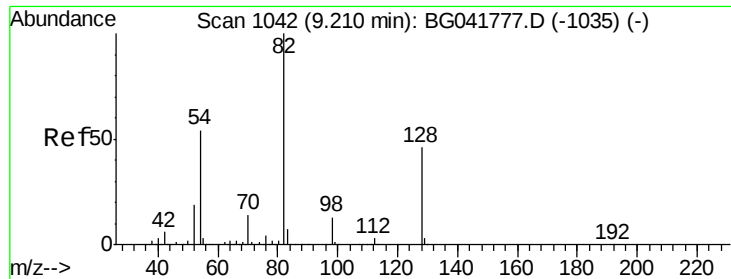
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#22
Acetophenone
Concen: 39.752 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	362601		
71	3.0	5.9	8.9#	
51	28.1	27.7	41.5	
120	23.9	19.3	28.9	





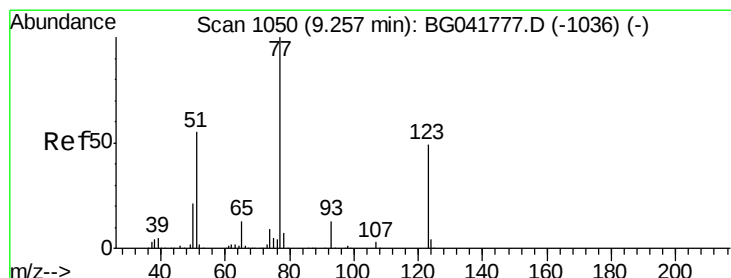
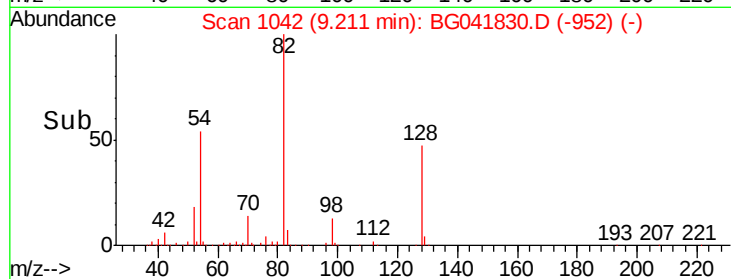
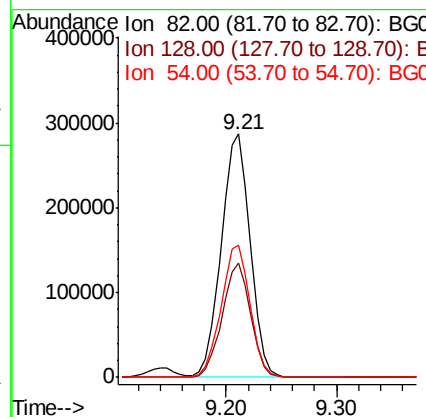
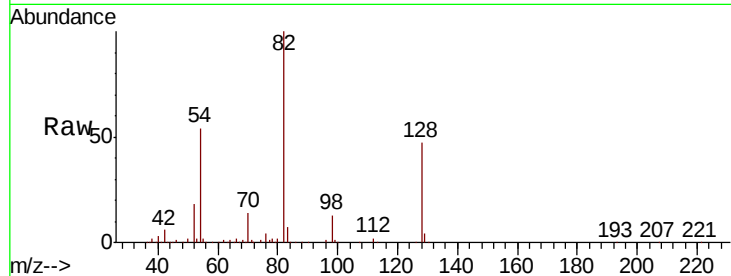
#23
 Nitrobenzene-d5
 Concen: 88.069 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG041830.D
 Acq: 31 Jul 2019 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB121812BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	521888		
128	47.0		35.1	52.7
54	54.4		48.7	73.1

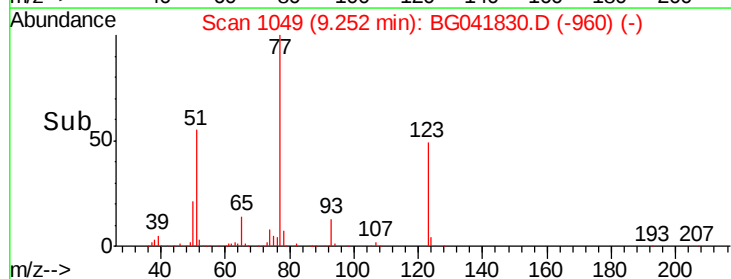
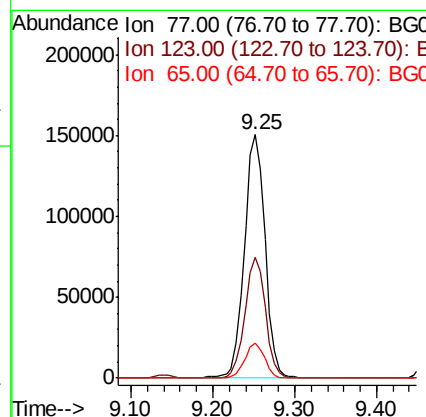
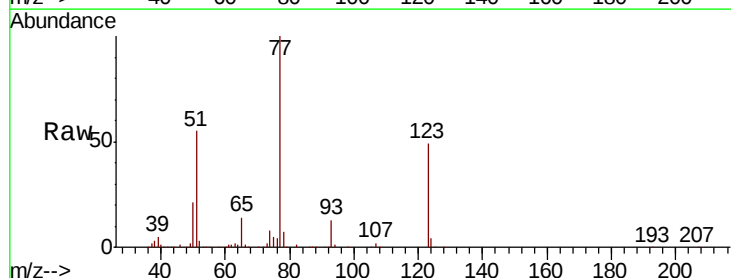
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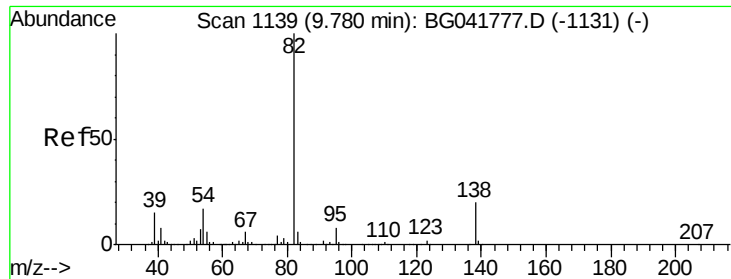
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#24
 Nitrobenzene
 Concen: 42.524 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG041830.D
 Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	265478		
123	49.5		38.1	57.1
65	14.4		11.0	16.6





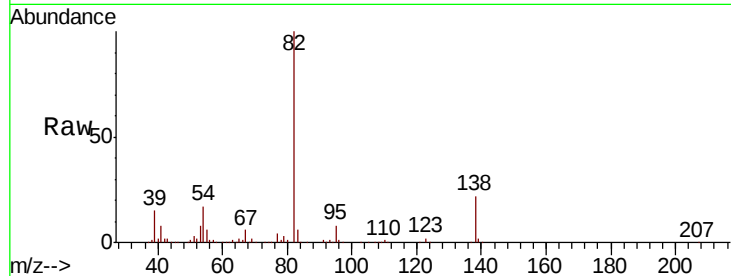
#25
Isophorone
Concen: 39.408 ng
RT: 9.78 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

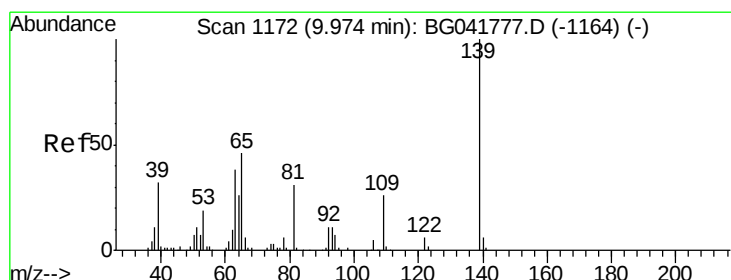
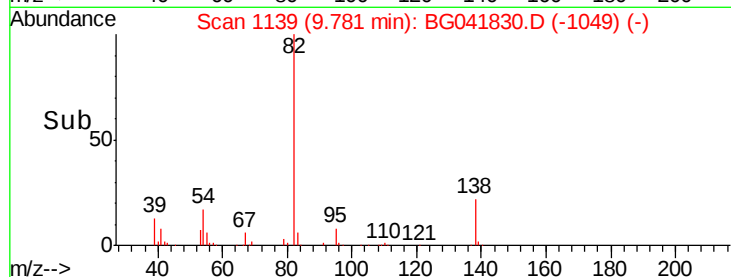
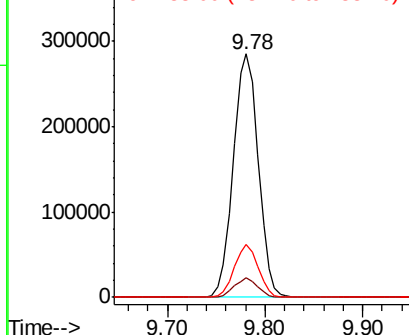
Tot Ion	Ratio	Resp	Lower	Upper
82	100	508005		
95	7.9		5.9	8.9
138	21.7		16.3	24.5

Manual Integrations
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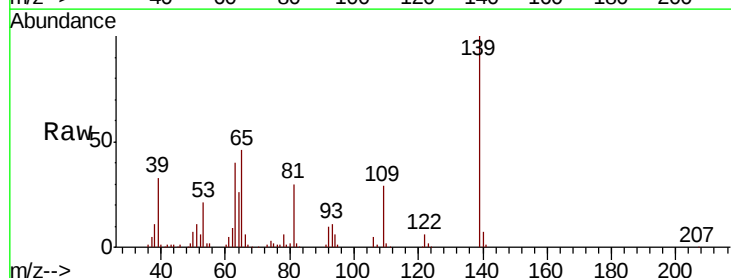


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

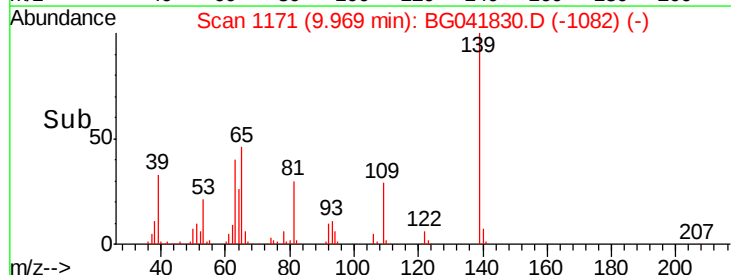
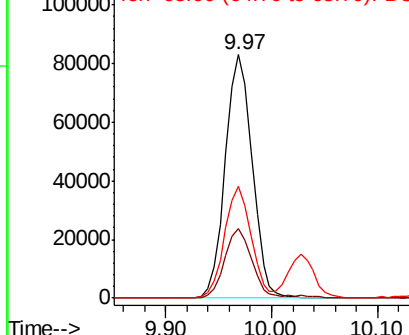


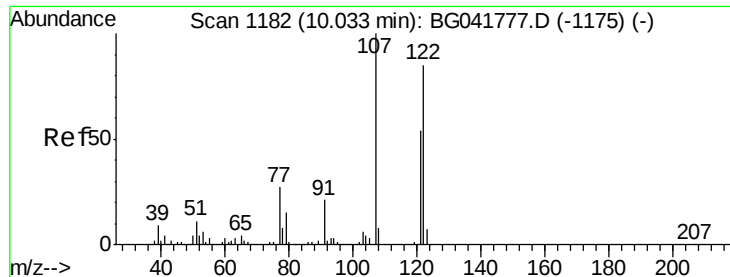
#26
2-Nitrophenol
Concen: 50.635 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	146710		
109	28.5		22.7	34.1
65	45.9		41.1	61.7



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





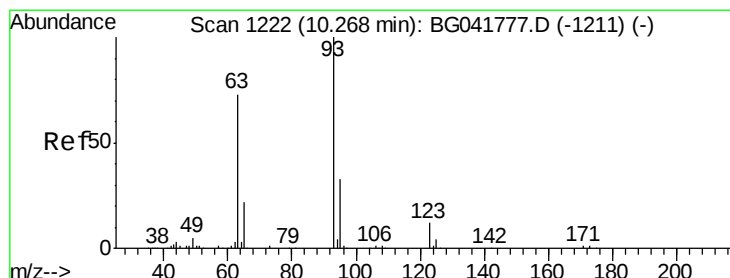
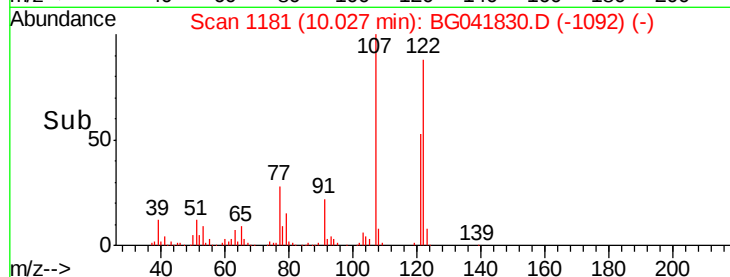
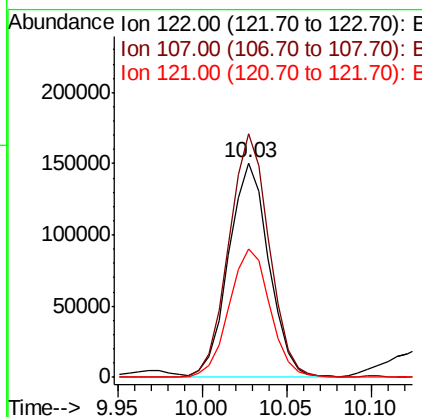
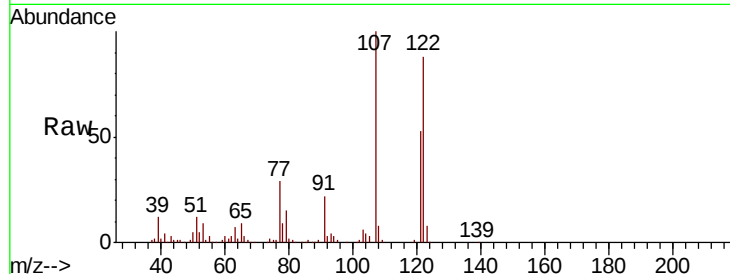
#27
2,4-Dimethylphenol
Concen: 48.352 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.7	91.3	136.9
121	59.9	49.2	73.8

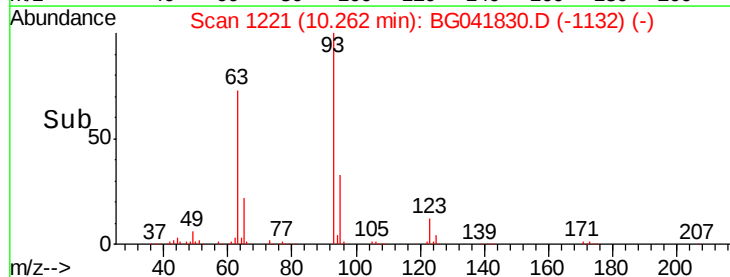
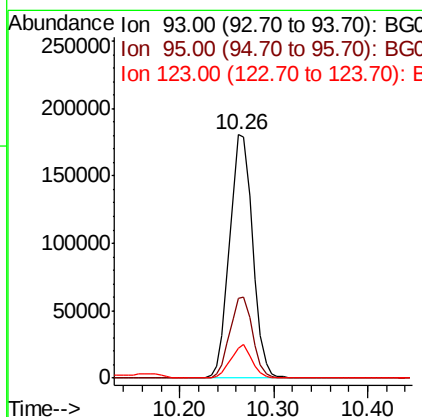
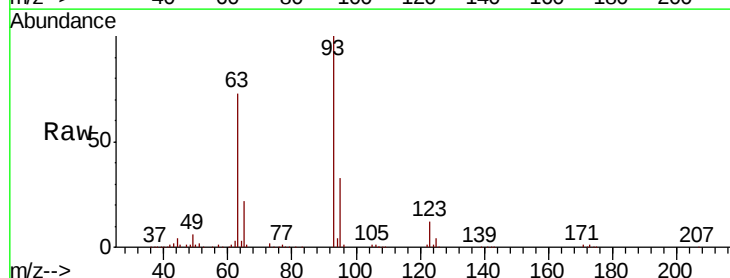
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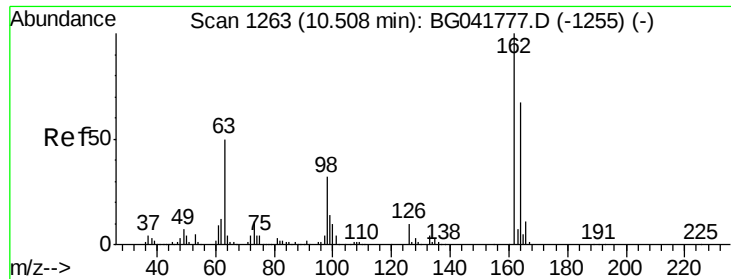
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#28
bis(2-Chloroethoxy)methane
Concen: 38.309 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.4
123	12.4	9.9	14.9





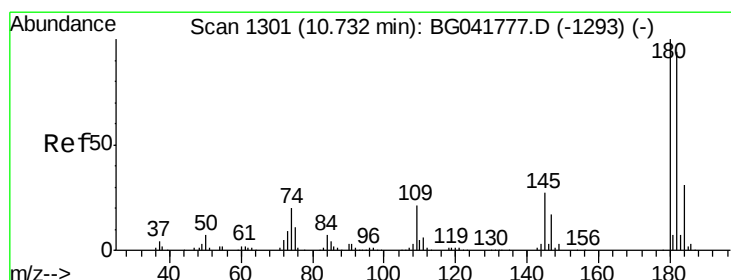
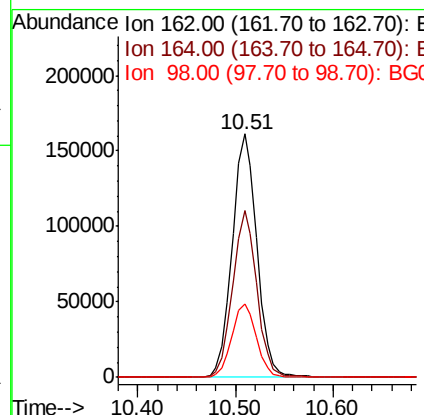
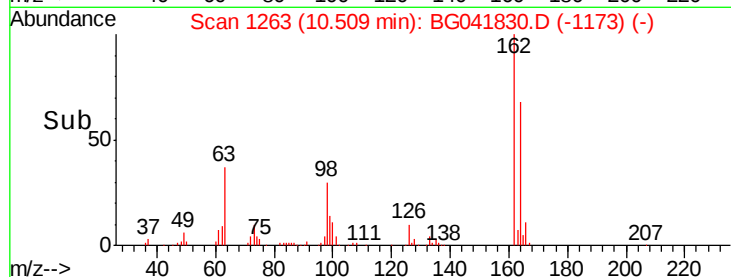
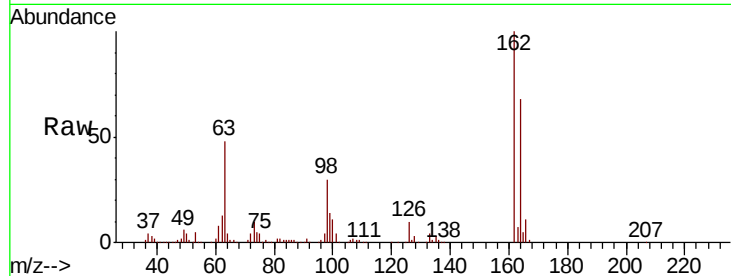
#29
2,4-Dichlorophenol
Concen: 45.344 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	282380		
164	68.4	46.1	86.1	
98	30.1	14.7	54.7	

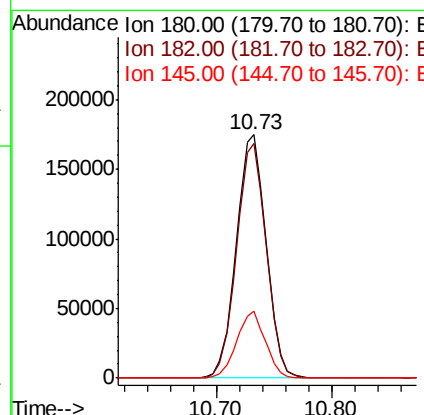
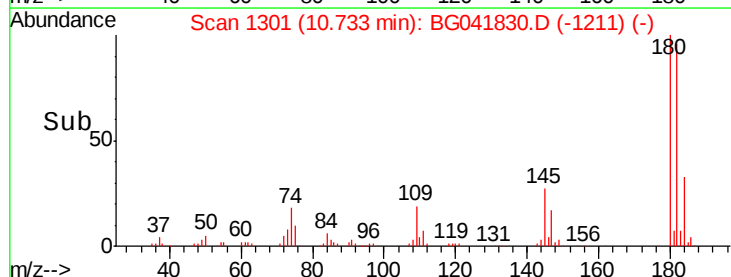
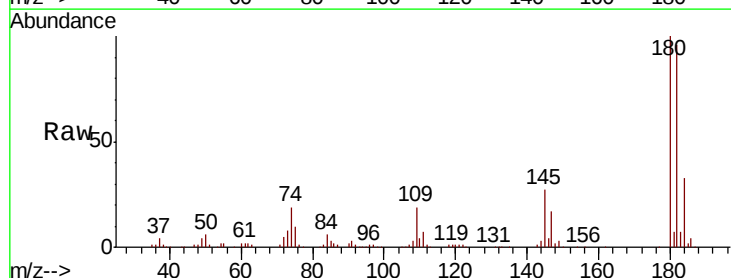
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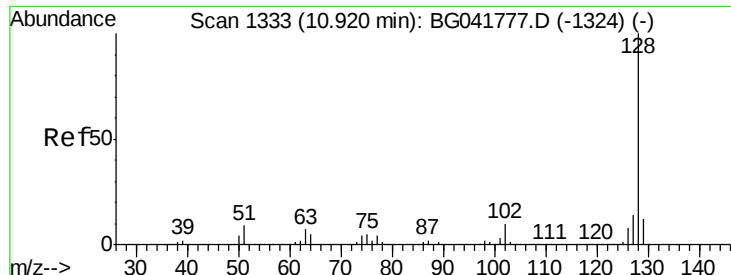
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#30
1,2,4-Trichlorobenzene
Concen: 39.413 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	311246		
182	96.3	76.2	114.2	
145	27.3	23.8	35.8	





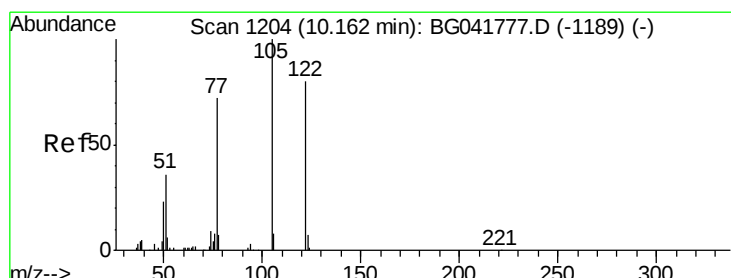
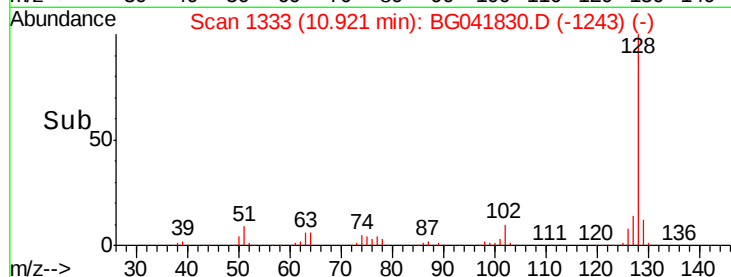
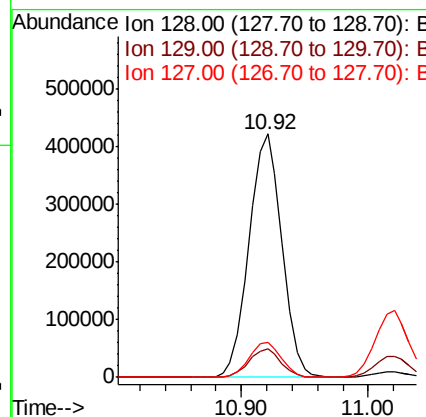
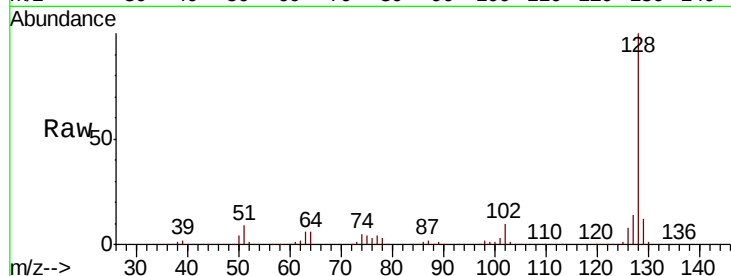
#31
Naphthalene
Concen: 40.726 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.0	15.0
127	14.4	12.3	18.5

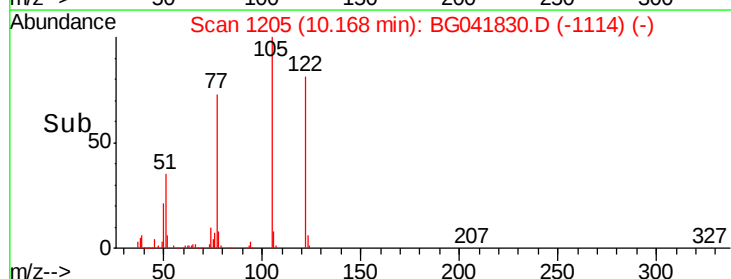
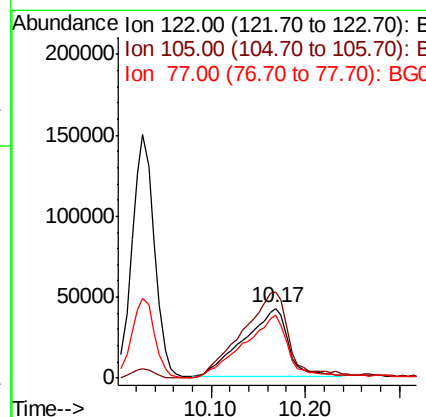
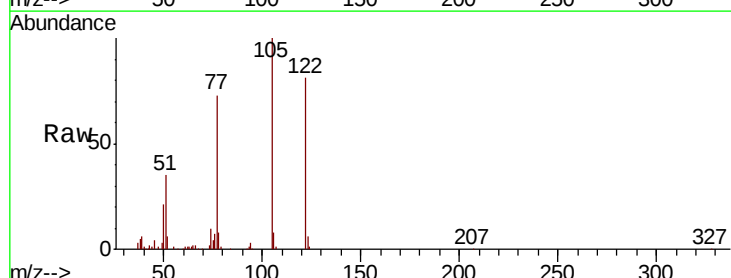
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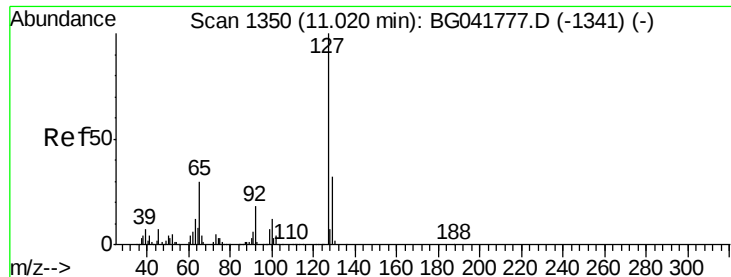
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#32
Benzoic acid
Concen: 40.374 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.3	101.5	141.5
77	89.9	73.0	113.0





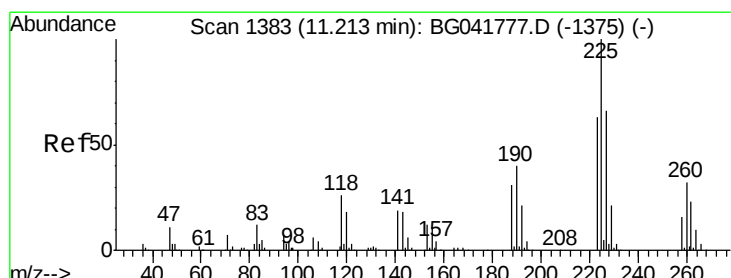
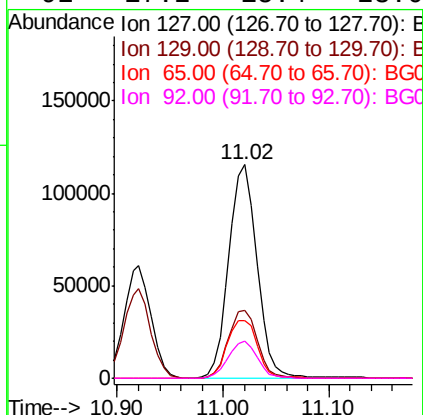
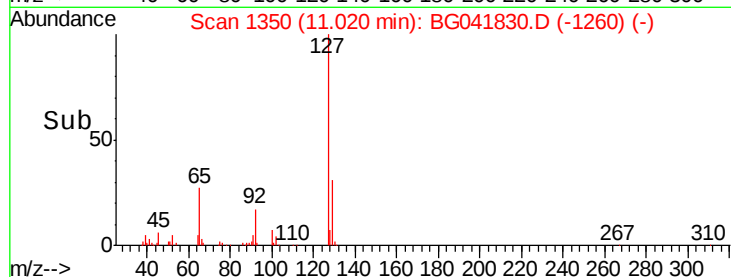
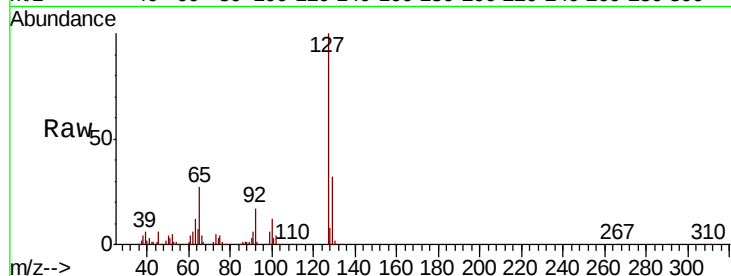
#33
4-Chloroaniline
Concen: 24.122 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.8
65	27.2	26.7	40.1
92	17.2	15.4	23.0

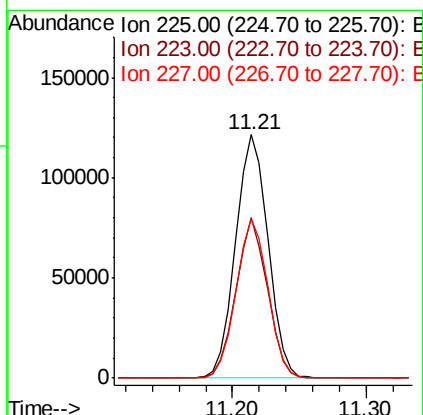
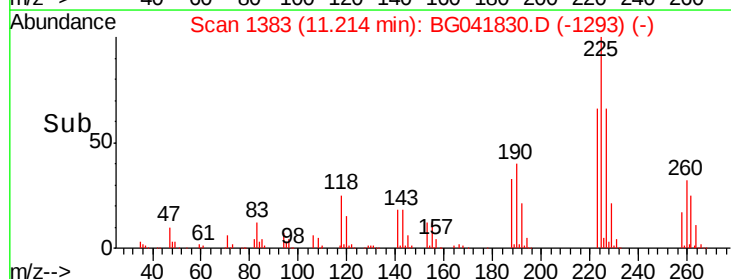
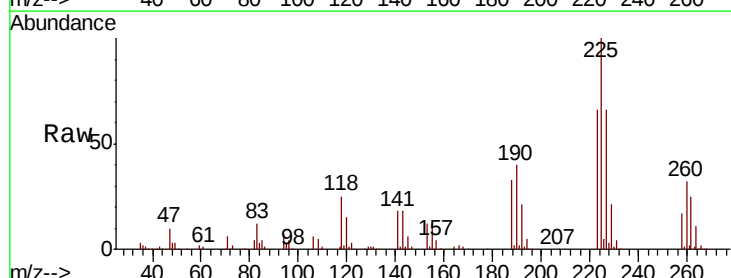
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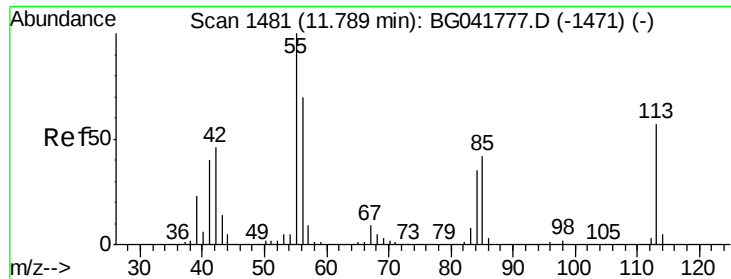
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#34
Hexachlorobutadiene
Concen: 38.337 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	51.1	76.7
227	65.5	50.9	76.3





#35

Caprolactam

Concen: 43.615 ng/mL

RT: 11.79 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

Instrument :

BNA_G

ClientSampleID :

PB121812BS

Tot Ion:113 Resp: 94393

Ion Ratio Lower Upper

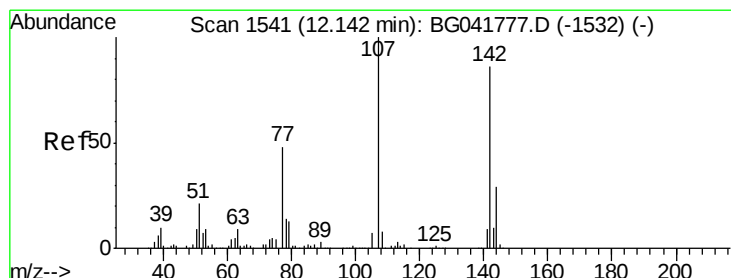
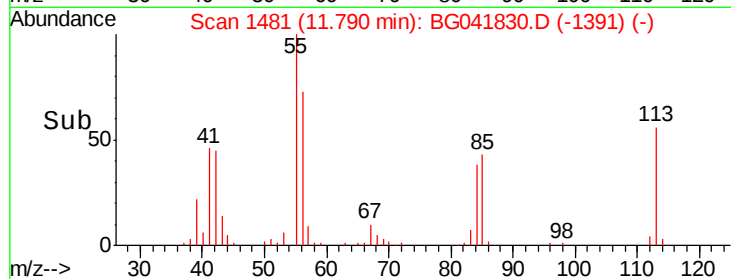
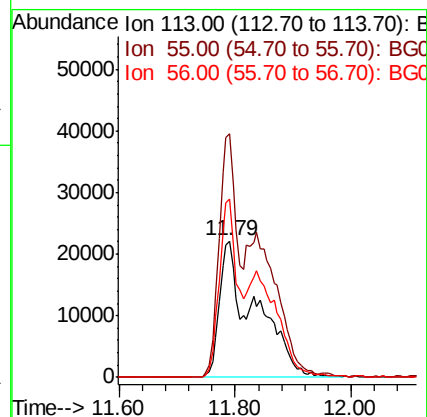
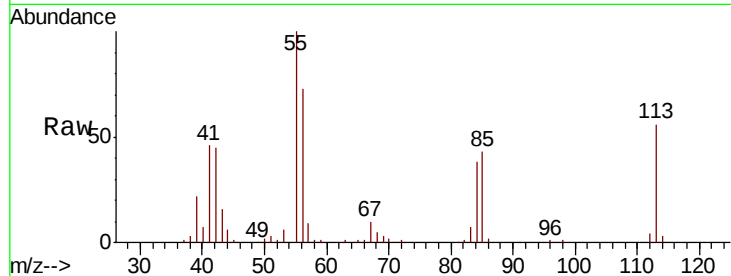
113 100

55 178.9 199.4 239.4#

56 131.1 133.6 173.6#

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#36

4-Chloro-3-methylphenol

Concen: 44.789 ng/mL

RT: 12.14 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

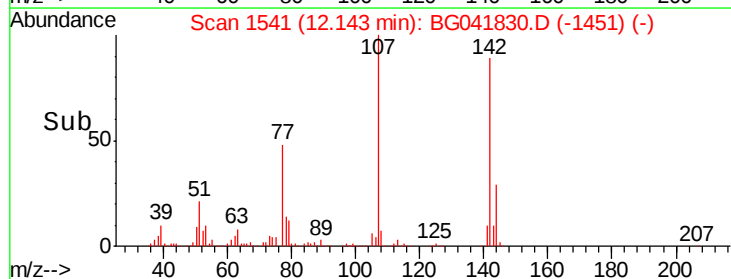
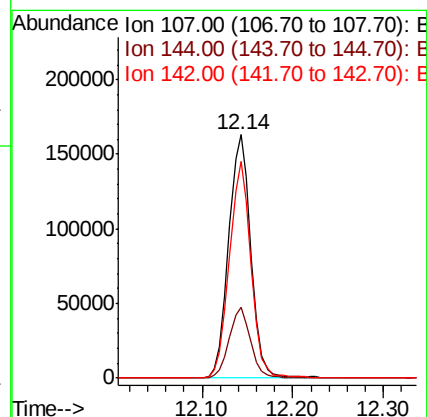
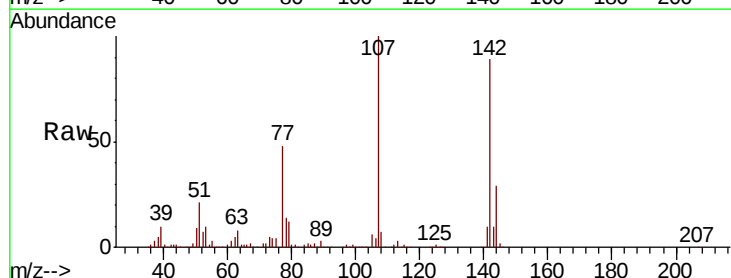
Tgt Ion:107 Resp: 276526

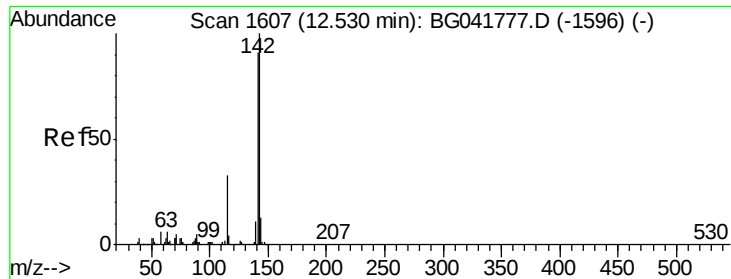
Ion Ratio Lower Upper

107 100

144 28.8 22.2 33.2

142 89.2 67.3 100.9





#37

2-Methylnaphthalene

Concen: 41.299 ng

RT: 12.52 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

Instrument :

BNA_G

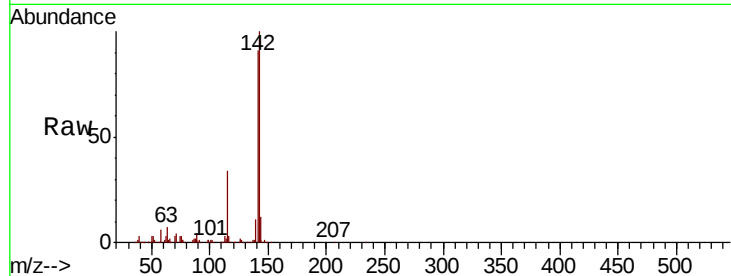
ClientSampleId :

PB121812BS

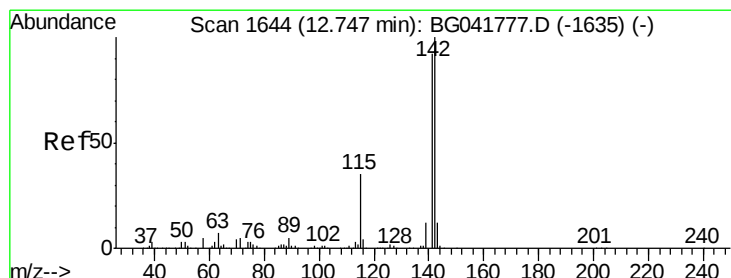
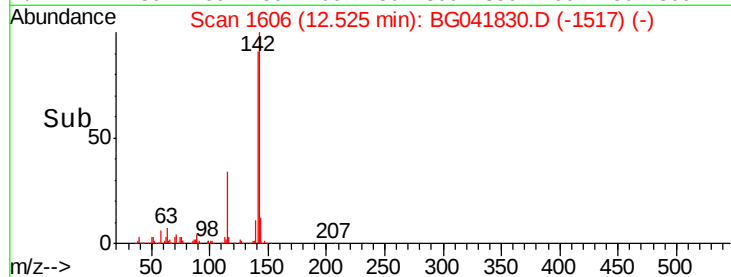
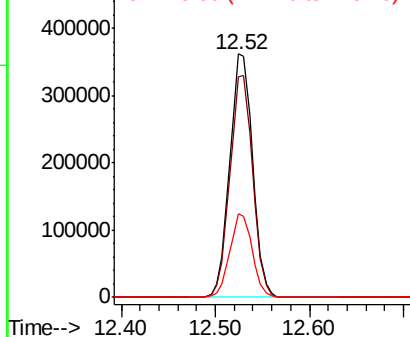
Tot Ion:	142	Resp:	610116
Ion Ratio	Lower	Upper	
142	100		
141	90.6	72.7	109.1
115	34.4	27.0	40.4

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.560 ng

RT: 12.75 min Scan# 1644

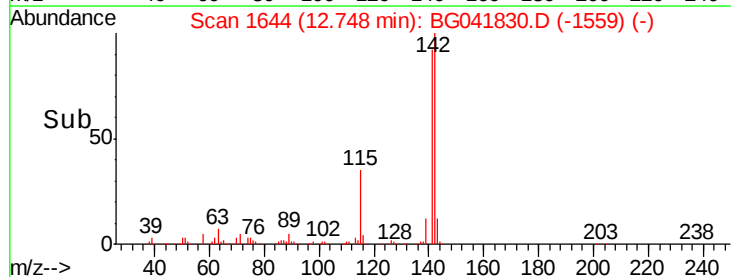
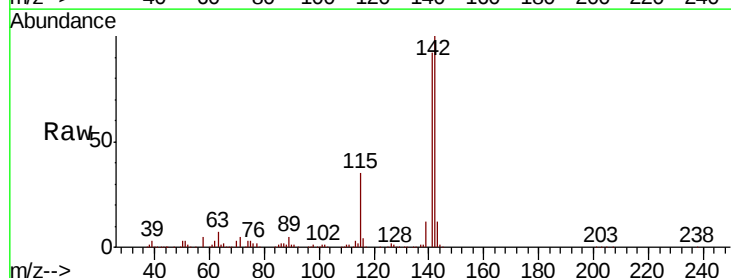
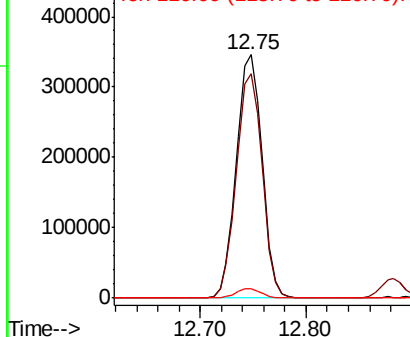
Delta R.T. 0.00 min

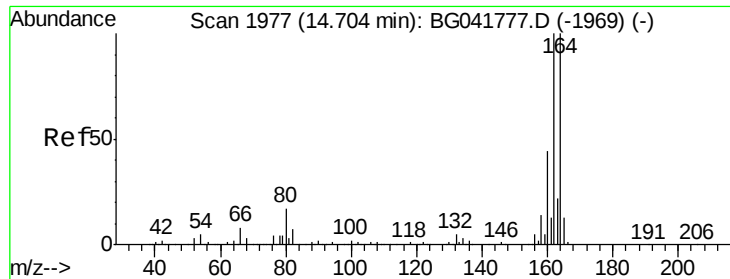
Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

Tgt Ion:	142	Resp:	581839
Ion Ratio	Lower	Upper	
142	100		
141	91.9	75.4	113.2
116	3.8	3.2	4.8

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





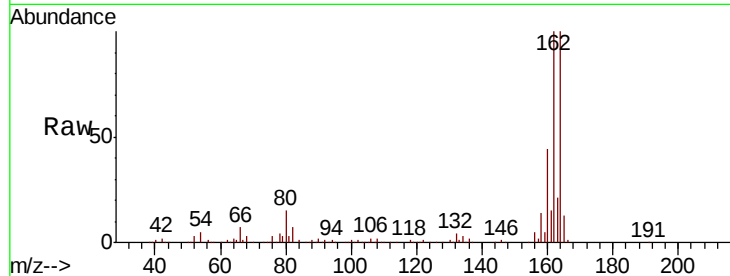
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.6	119.4
160	44.1	35.4	53.0

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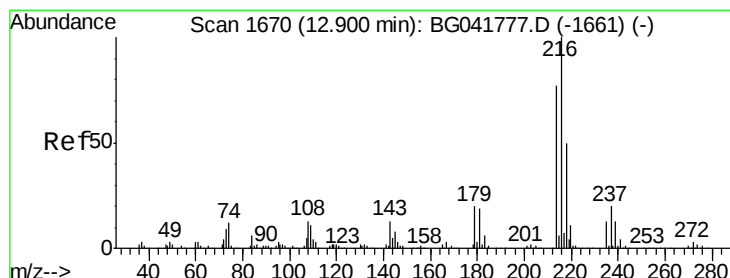
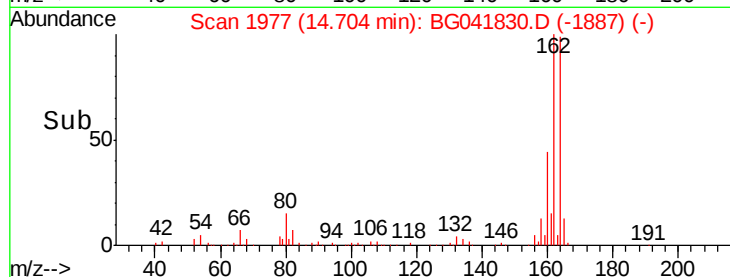
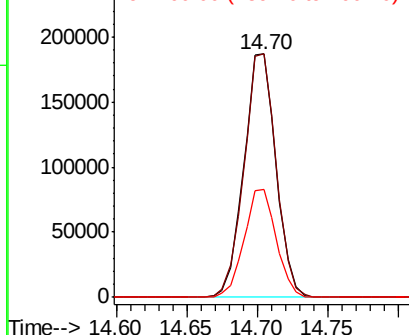


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.178 ng
RT: 12.89 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	75.9	61.5	92.3
179	18.8	16.2	24.2
108	14.4	13.2	19.8

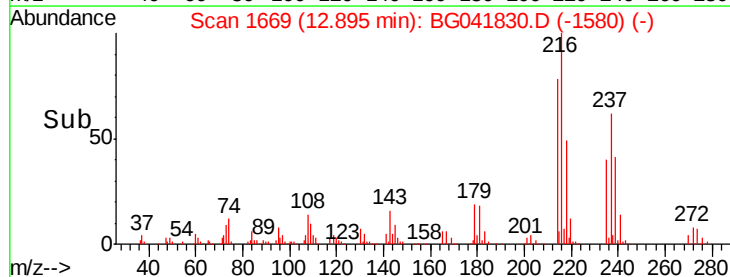
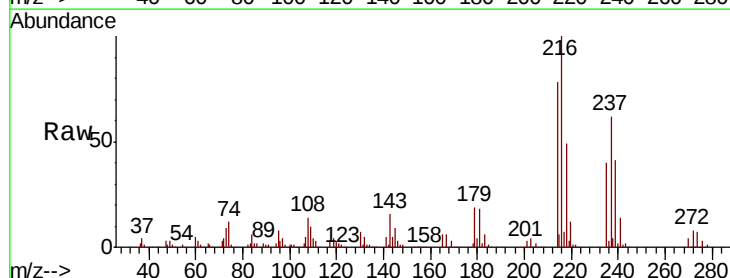
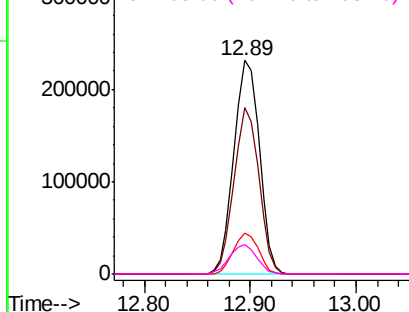
Abundance

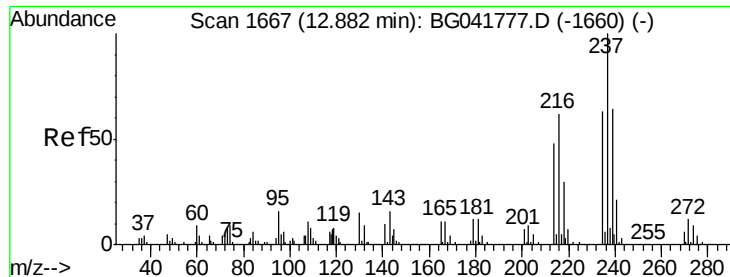
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 83.789 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

Instrument :

BNA_G

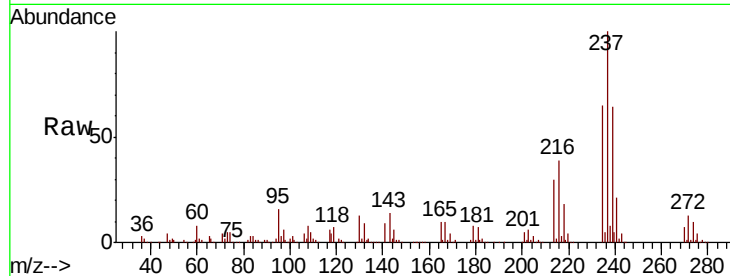
ClientSampleId :

PB121812BS

Tot Ion:	237	Resp:	443949
Ion Ratio	Lower	Upper	
237	100		
235	64.5	43.5	83.5
272	12.8	0.0	31.2

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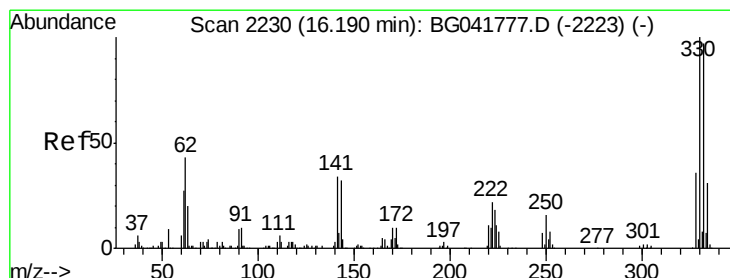
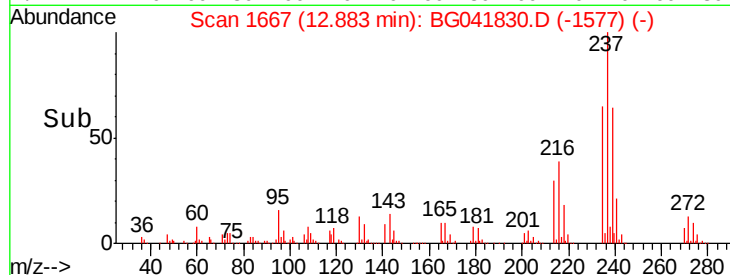
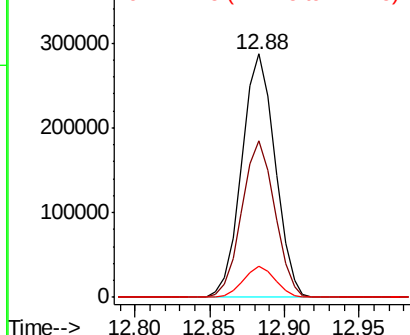


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 136.901 ng

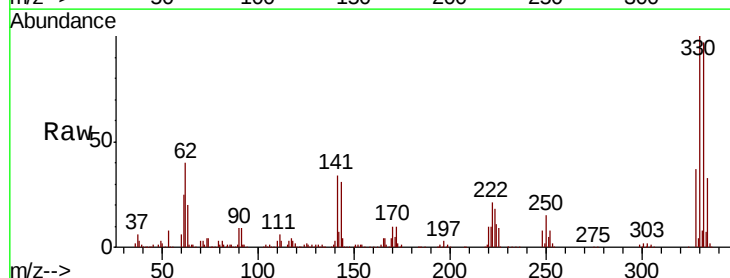
RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

Tgt Ion:	330	Resp:	462952
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.4	116.0
141	33.3	31.9	47.9

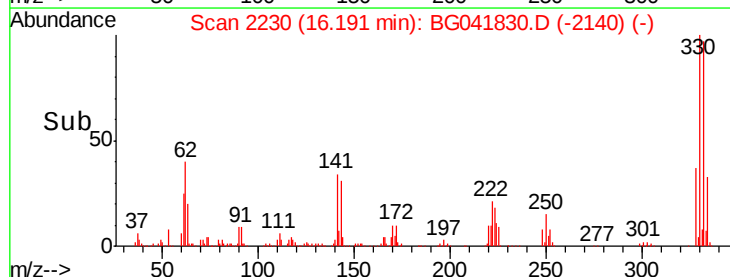
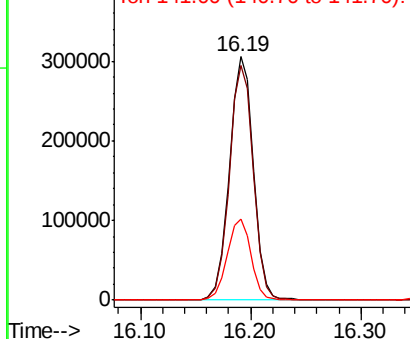


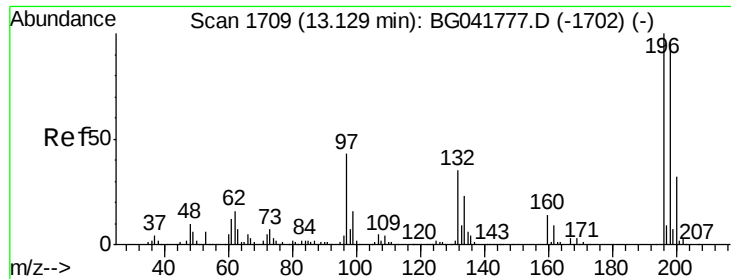
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





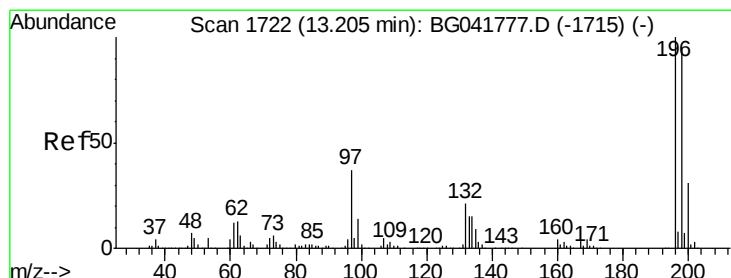
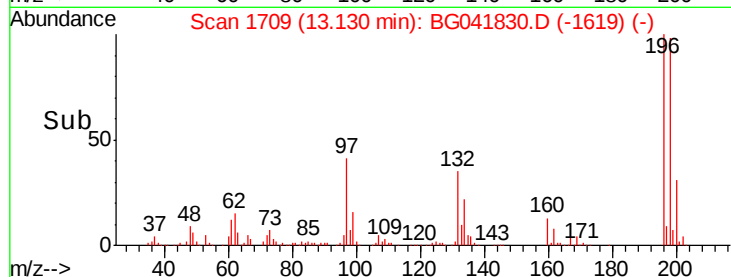
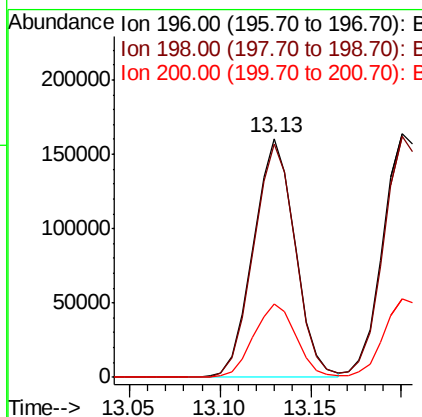
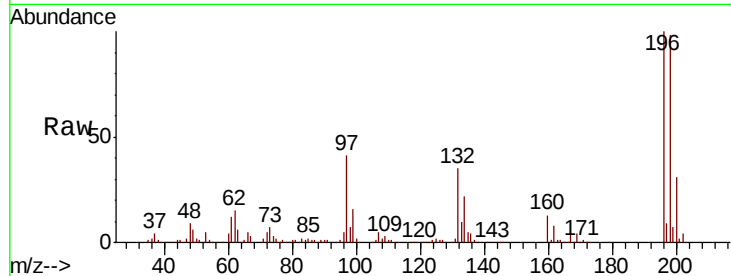
#43
 2,4,6-Trichlorophenol
 Concen: 42.944 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041830.D
 Acq: 31 Jul 2019 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB121812BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	255789		
198	97.8	79.6	119.4	
200	30.6	25.2	37.8	

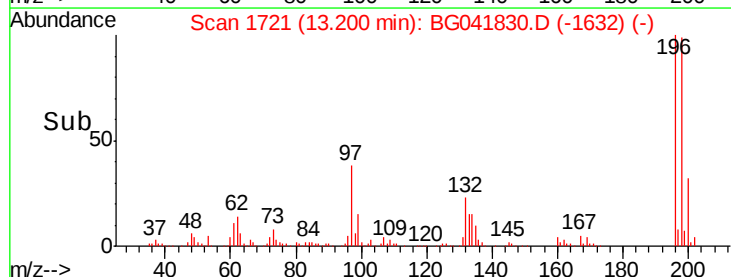
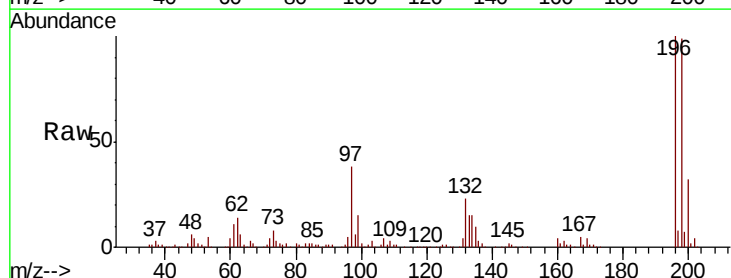
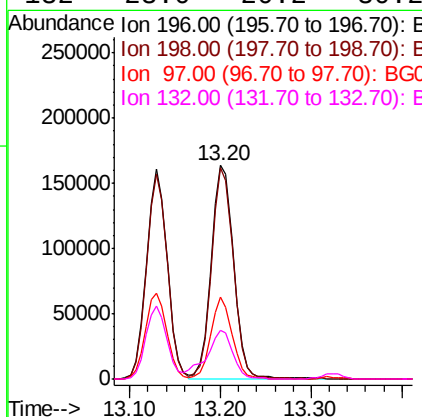
Manual Integrations
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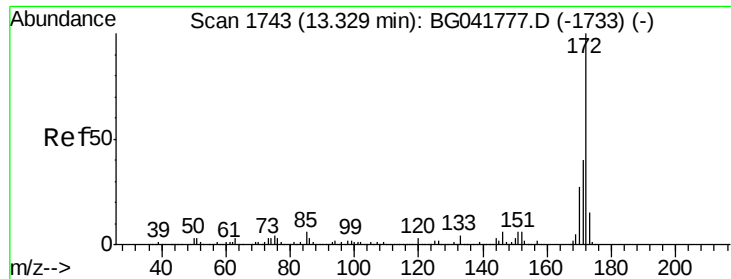
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.315 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG041830.D
 Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	280486		
198	98.7	80.6	121.0	
97	38.1	33.9	50.9	
132	23.0	20.2	30.2	





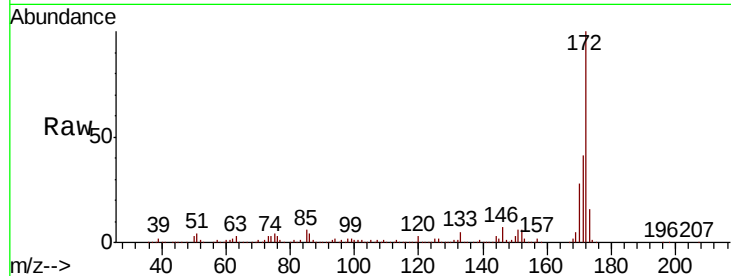
#45
2-Fluorobiphenyl
Concen: 83.106 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.4	35.0	52.4
170	27.7	23.5	35.3

Manual Integrations
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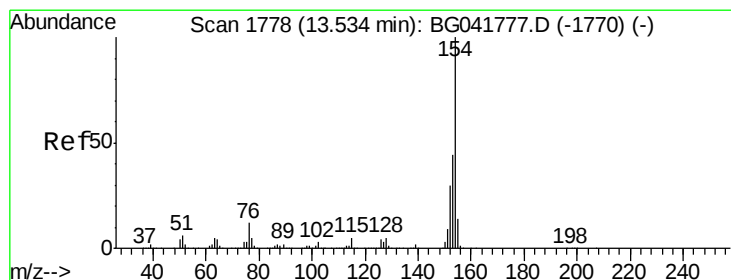
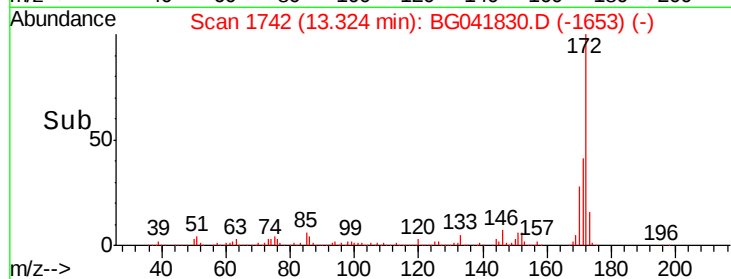
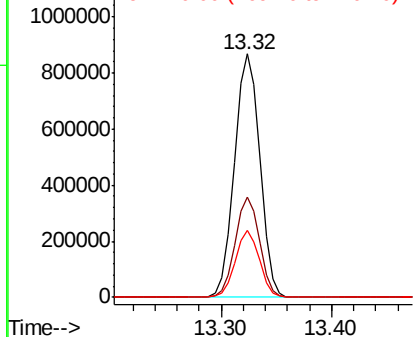


Abundance

Ion 172.00 (171.70 to 172.70): E

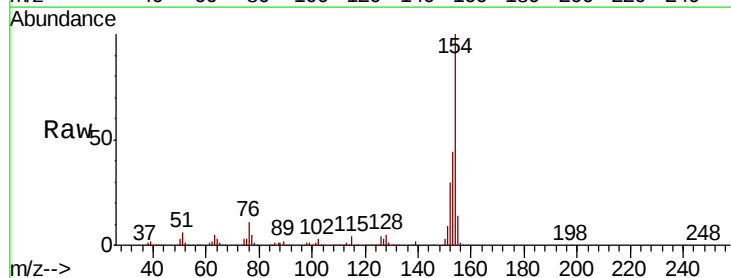
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.057 ng
RT: 13.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	25.0	65.0
76	11.3	0.0	34.5

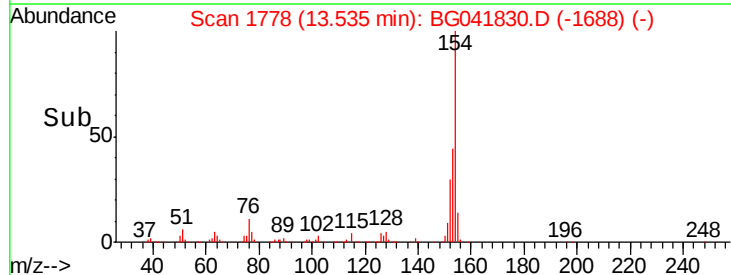
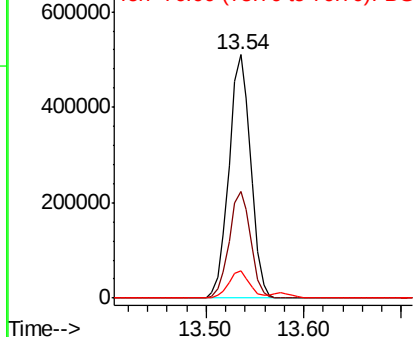


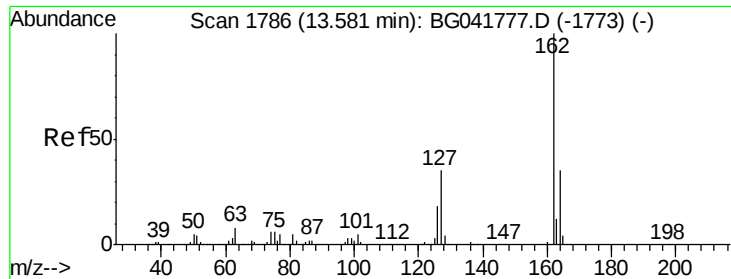
Abundance

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): BG





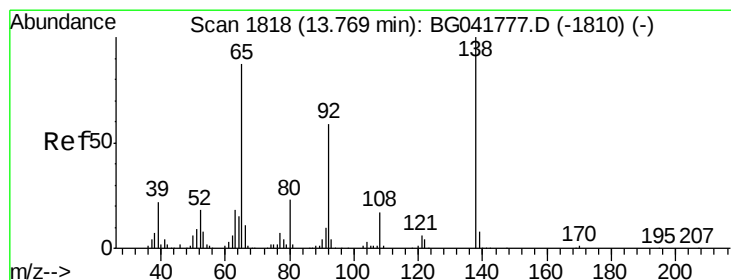
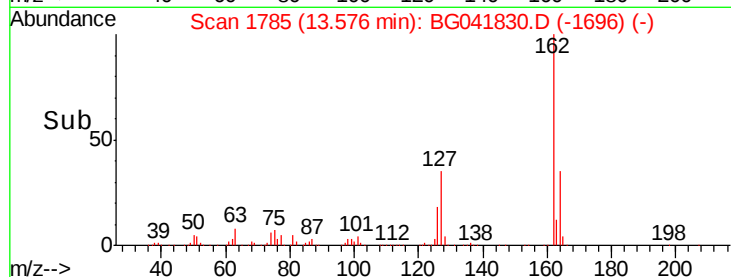
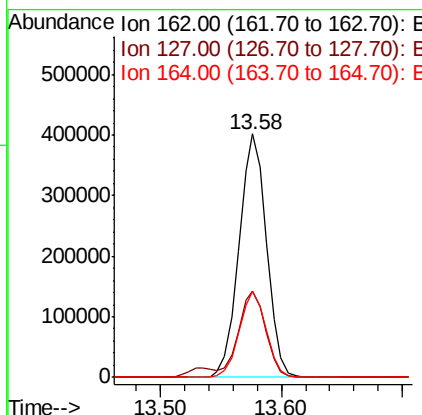
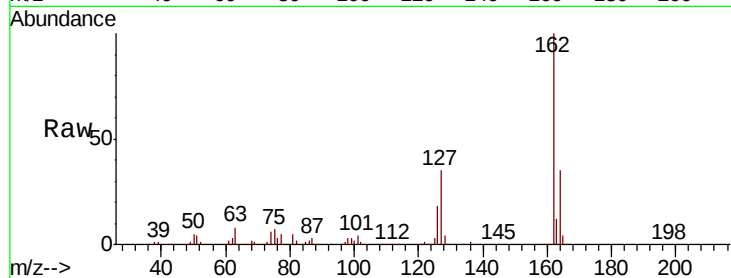
#47
2-Chloronaphthalene
Concen: 39.016 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.5	30.4	45.6
164	35.5	28.6	42.8

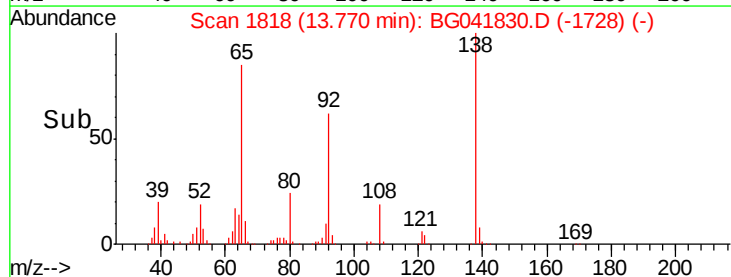
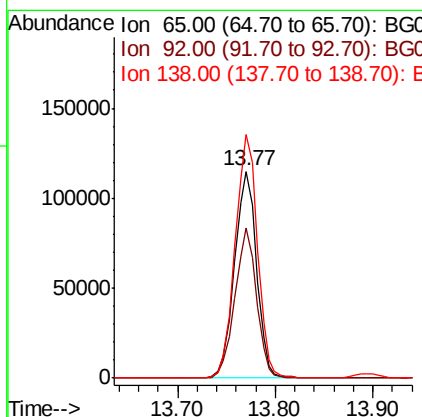
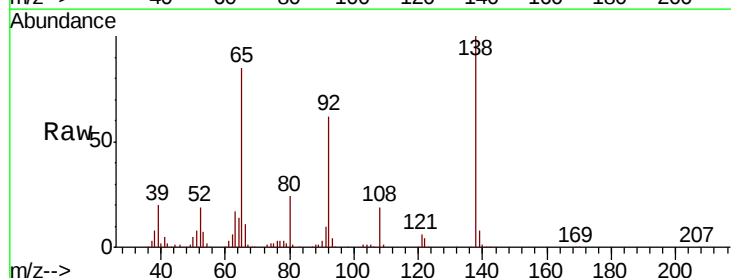
Manual Integrations
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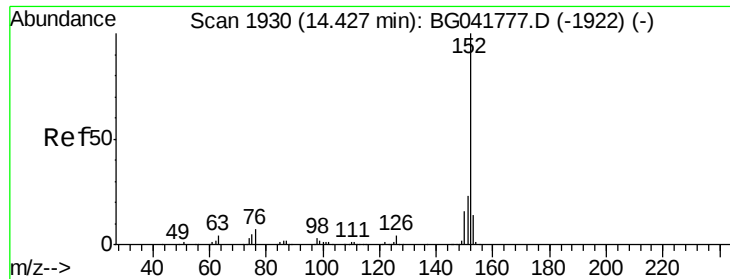
mohammad
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#48
2-Nitroaniline
Concen: 43.574 ng
RT: 13.77 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	53.9	80.9
138	117.8	83.5	125.3





#49

Acenaphthylene

Concen: 41.088 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

Instrument :

BNA_G

ClientSampleId :

PB121812BS

Tot Ion:152 Resp: 1001441

Ion Ratio Lower Upper

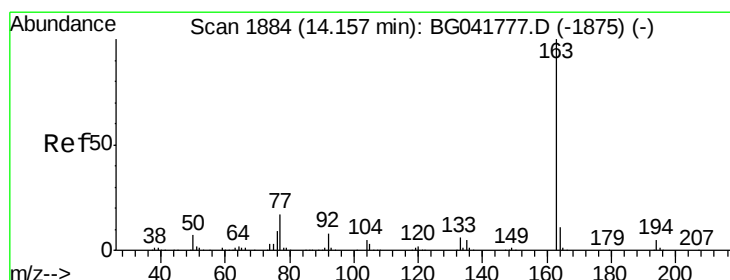
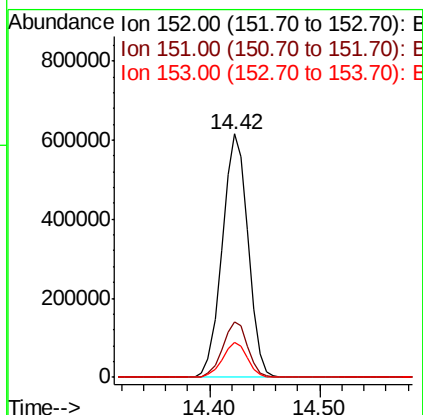
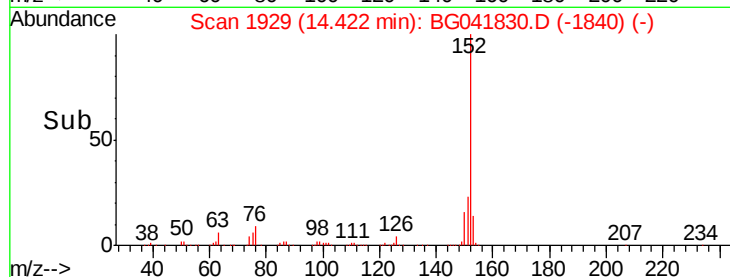
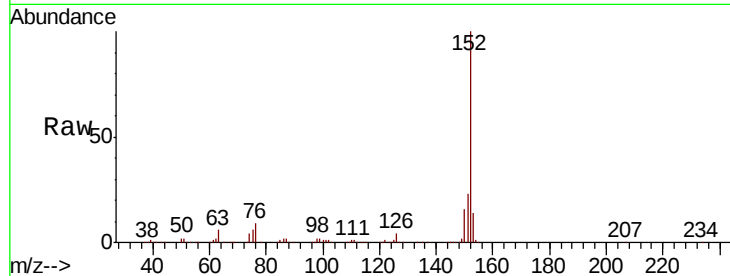
152 100

151 22.6 18.7 28.1

153 14.3 12.4 18.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.236 ng

RT: 14.15 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

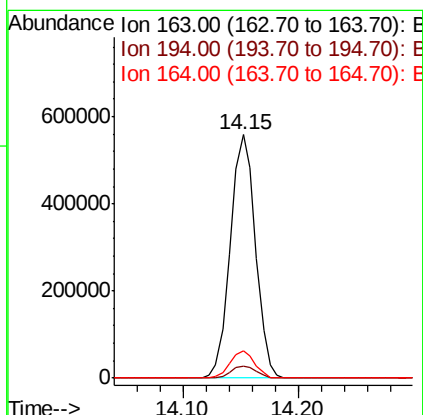
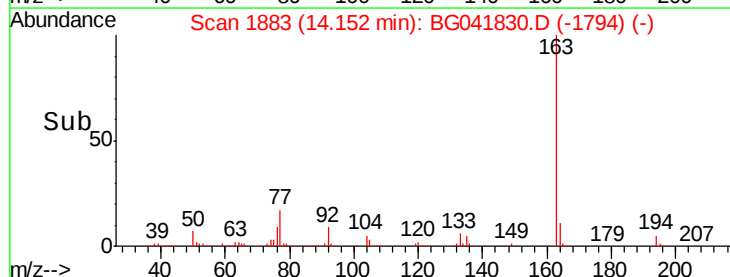
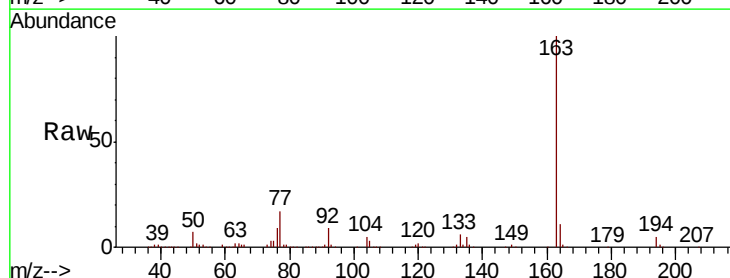
Tgt Ion:163 Resp: 838445

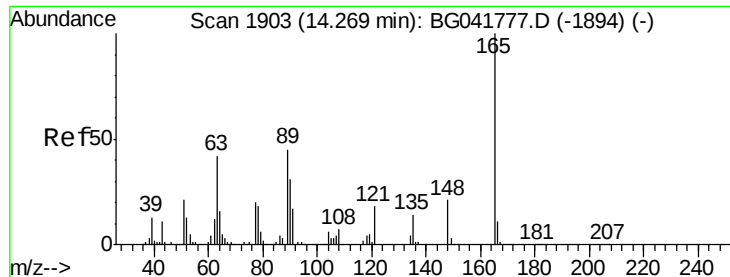
Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

164 11.3 9.4 14.2





#51

2,6-Dinitrotoluene

Concen: 47.328 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

Instrument :

BNA_G

ClientSampleId :

PB121812BS

Tot Ion:165 Resp: 201222

Ion Ratio Lower Upper

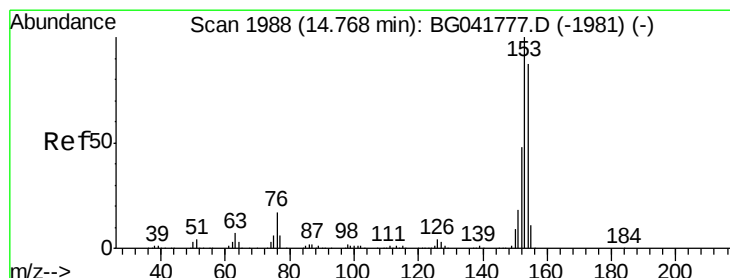
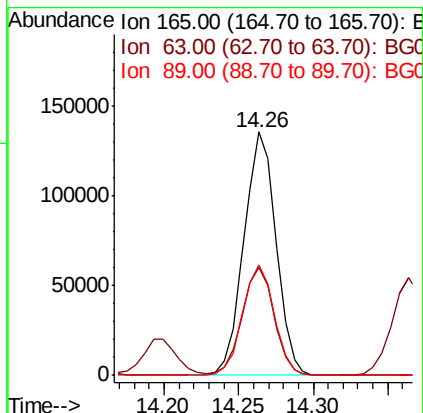
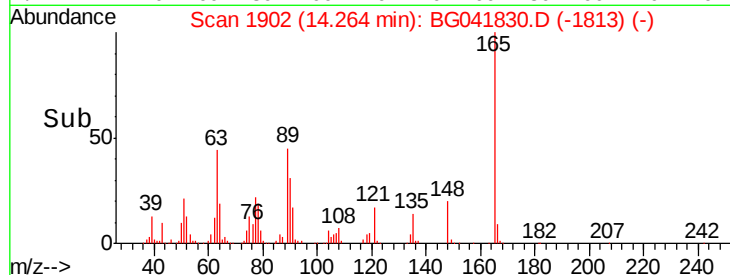
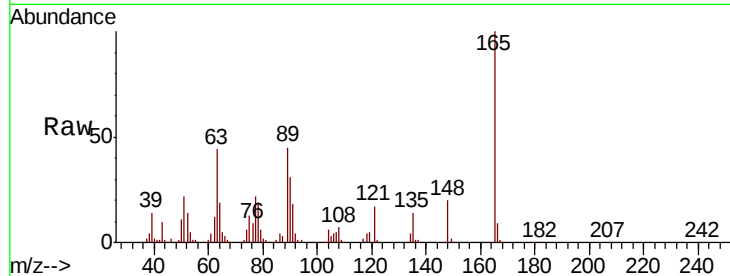
165 100

63 44.4 42.4 63.6

89 45.5 42.1 63.1

Manual Integrations
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#52

Acenaphthene

Concen: 44.454 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

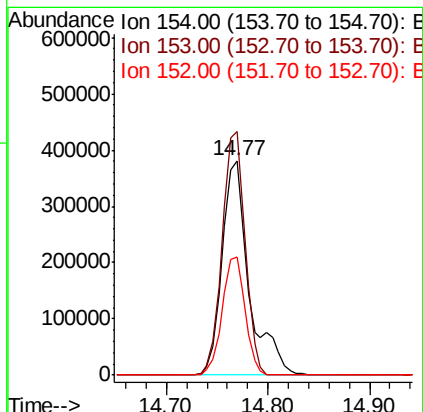
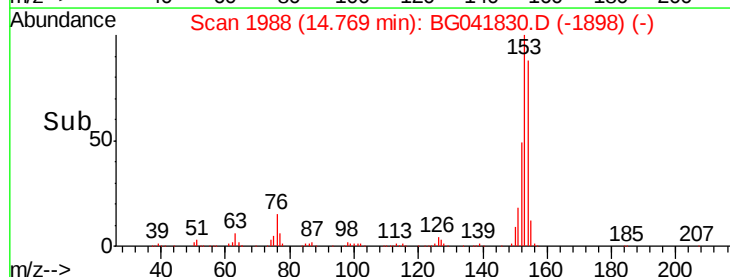
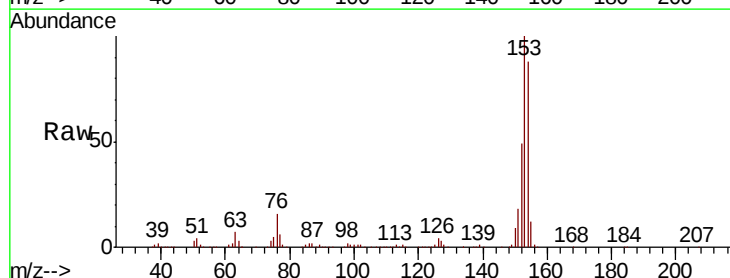
Tgt Ion:154 Resp: 704703

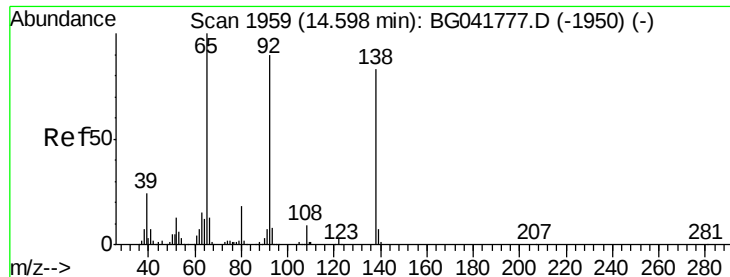
Ion Ratio Lower Upper

154 100

153 113.5 89.8 134.6

152 55.1 44.9 67.3





#53

3-Nitroaniline

Concen: 33.449 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

Instrument :

BNA_G

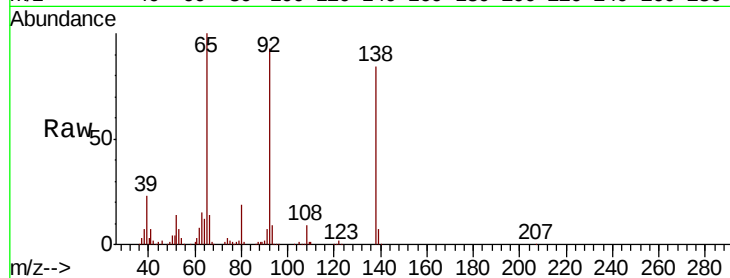
ClientSampleId :

PB121812BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	10.3	15.5
92	111.2	93.0	139.4

Manual Integrations
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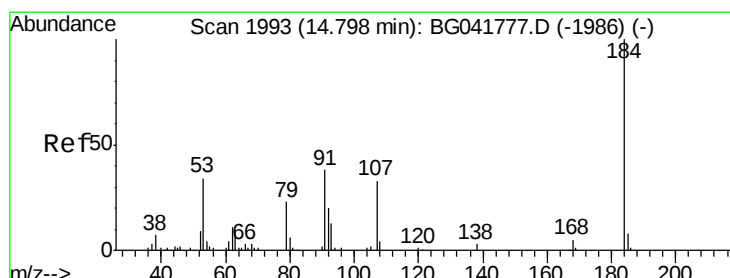
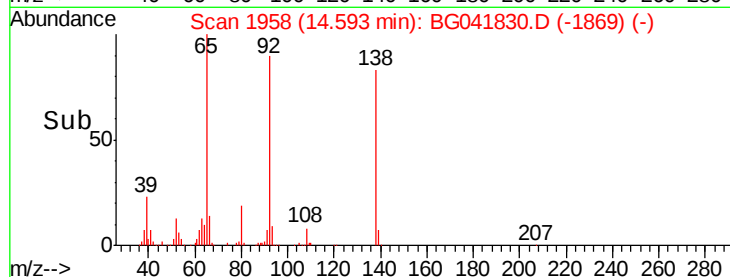
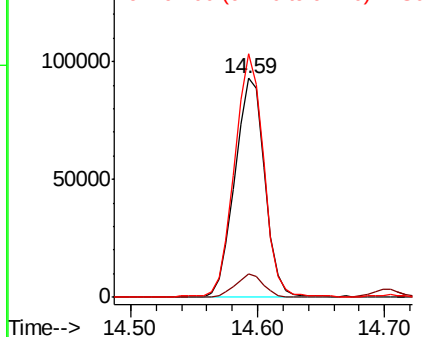


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 84.175 ng

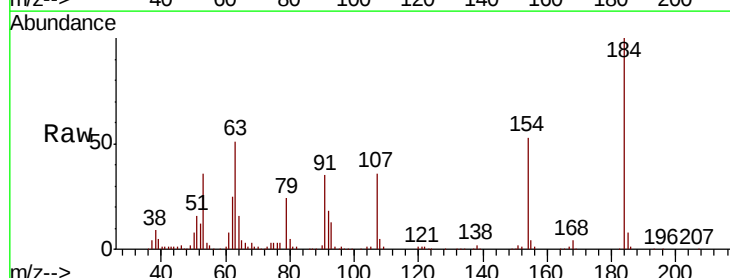
RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.7	43.2	64.8
154	52.8	51.4	77.2

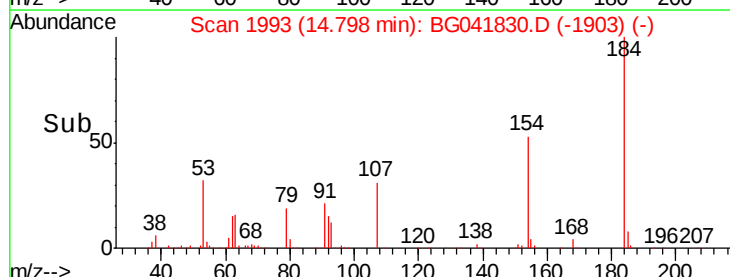
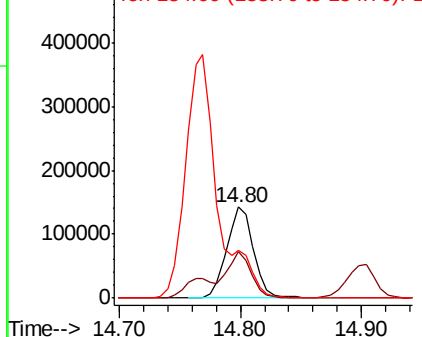


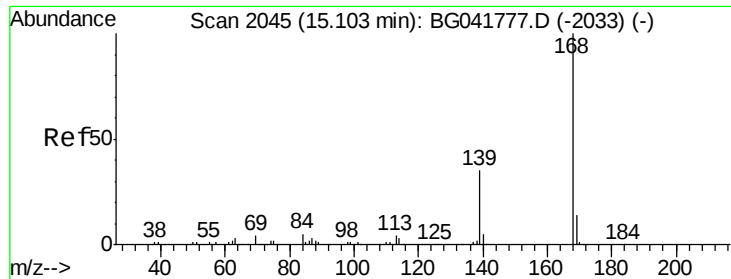
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





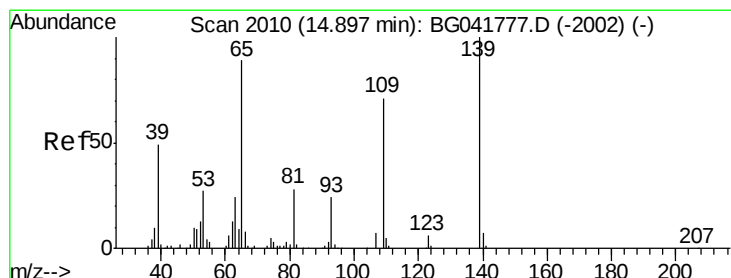
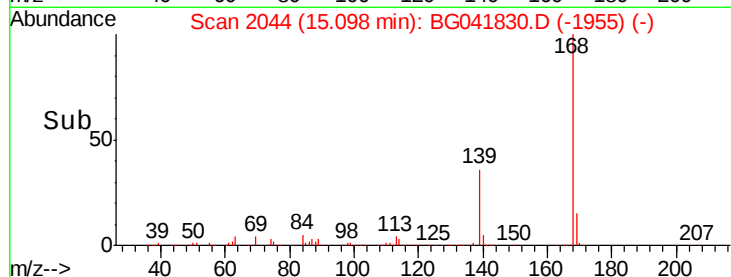
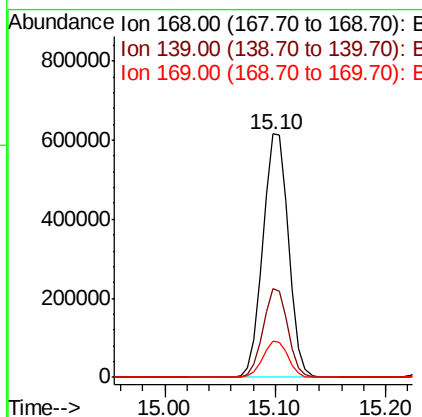
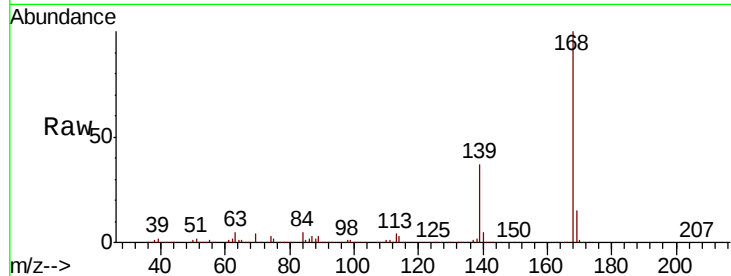
#55
Dibenzenofuran
Concen: 41.350 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	31.9	47.9
169	15.0	12.5	18.7

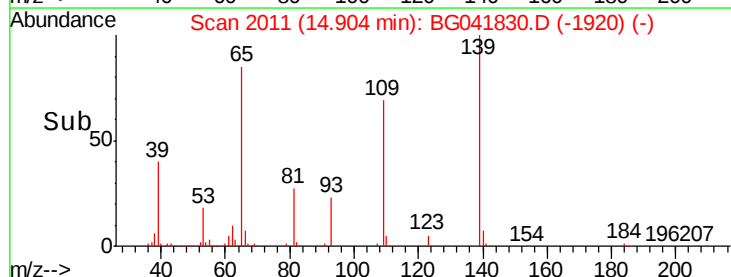
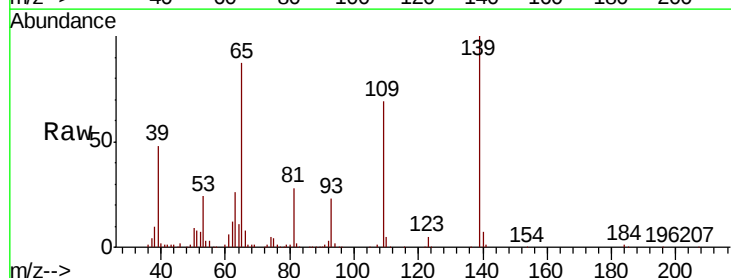
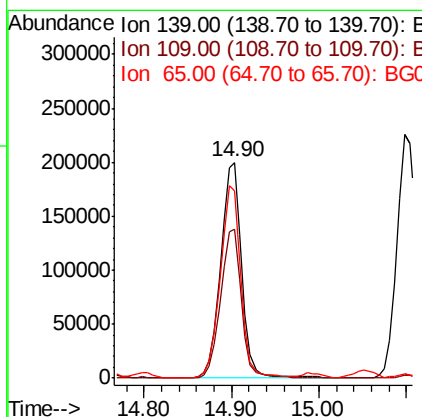
Manual Integrations
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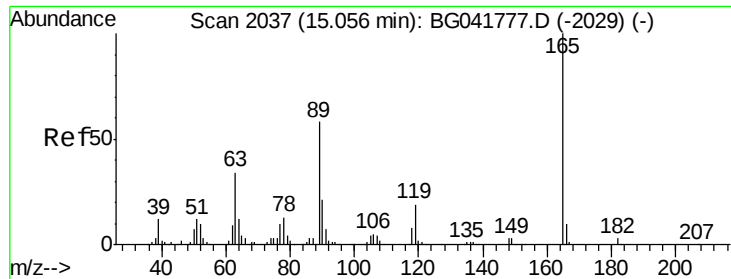
mohammad
8/1/2019 5:05:28 PM



#56
4-Nitrophenol
Concen: 96.366 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.7	51.3	91.3
65	86.8	77.6	117.6





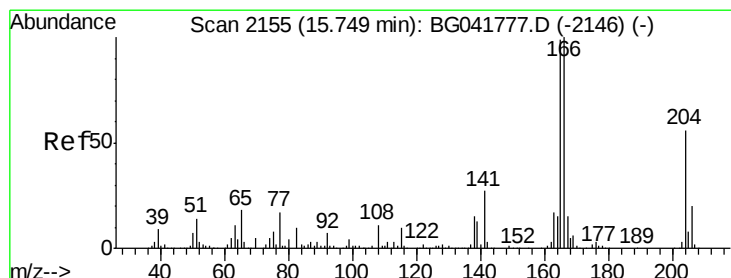
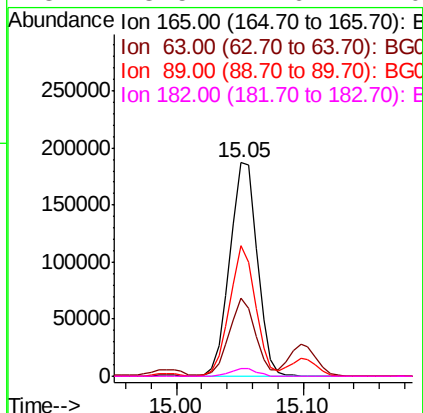
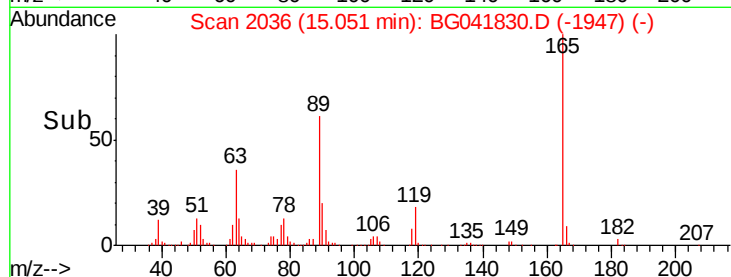
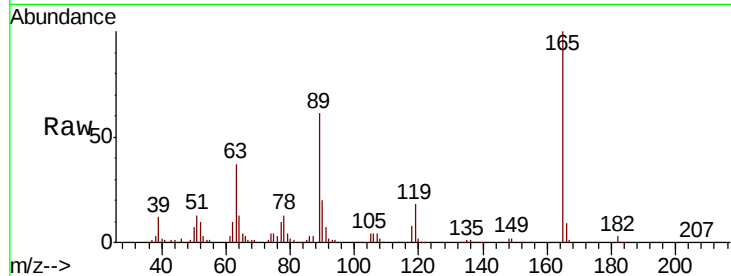
#57
2,4-Dinitrotoluene
Concen: 48.064 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	281026		
63	36.5		31.7	47.5
89	61.3		50.2	75.4
182	3.5		2.6	4.0

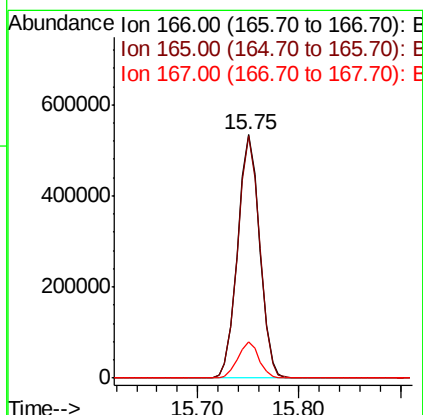
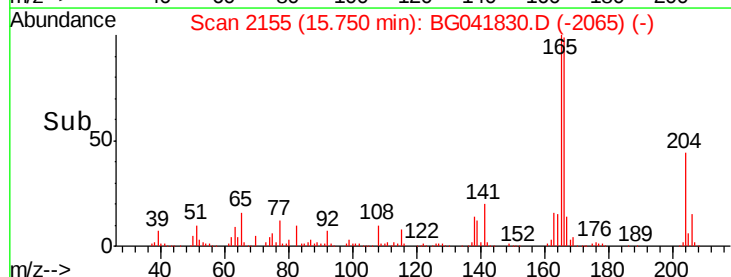
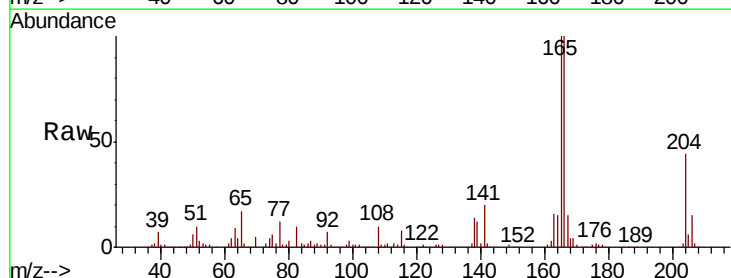
Manual Integrations
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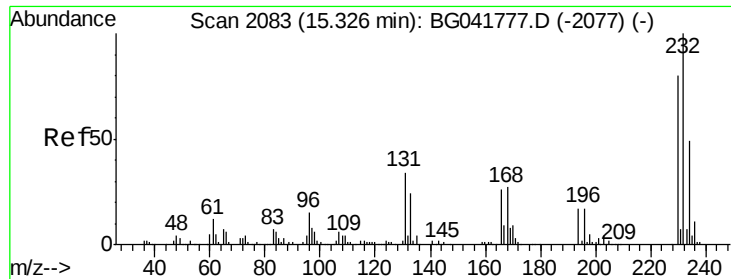
mohammad
8/1/2019 5:05:28 PM



#58
Fluorene
Concen: 41.413 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	805822		
165	99.6		80.5	120.7
167	14.7		12.4	18.6





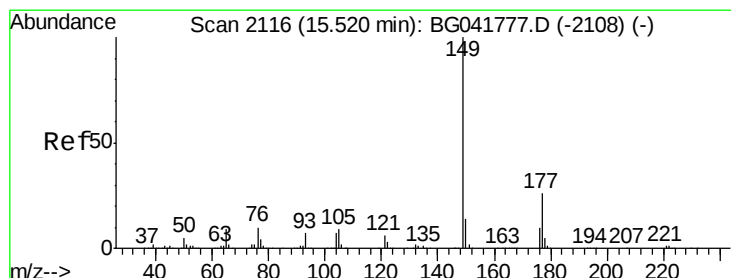
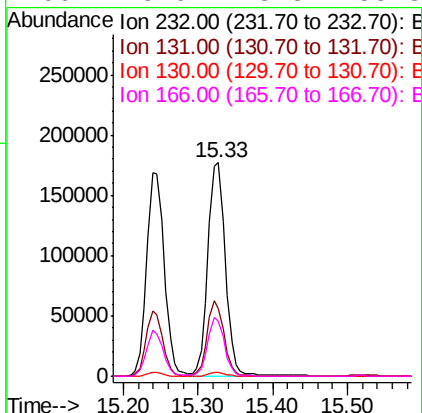
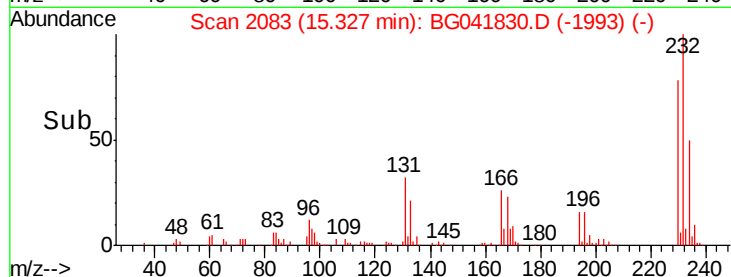
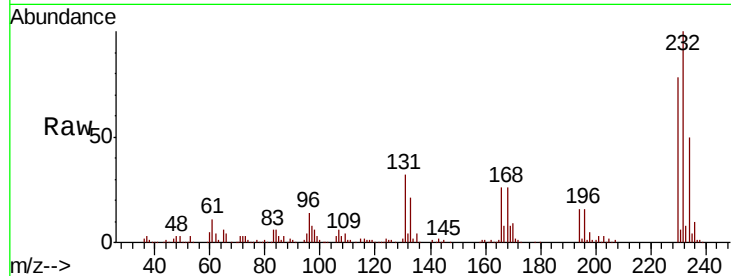
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.985 ng
RT: 15.33 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	288041		
131	33.3		31.8	47.6
130	1.8		1.8	2.8
166	25.9		23.5	35.3

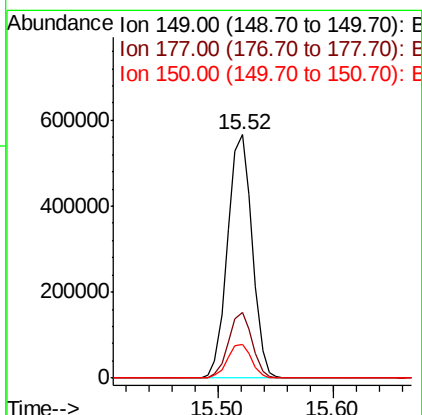
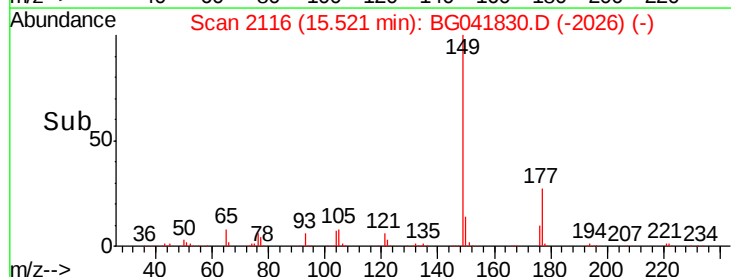
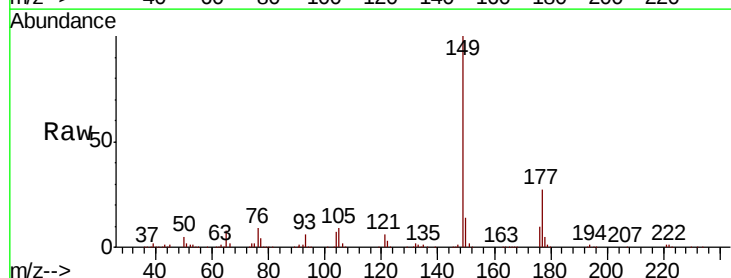
Manual Integrations
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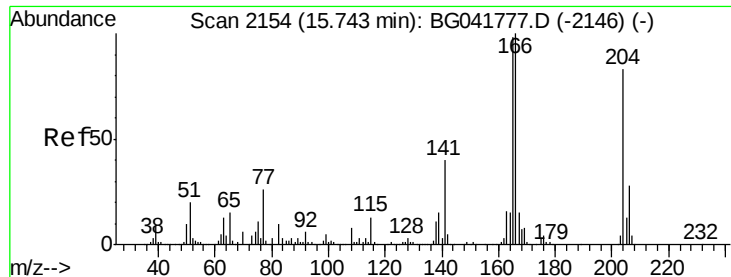
mohammad
8/1/2019 5:05:28 PM



#60
Diethylphthalate
Concen: 41.704 ng
RT: 15.52 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	832505		
177	26.8		20.7	31.1
150	13.7		11.5	17.3





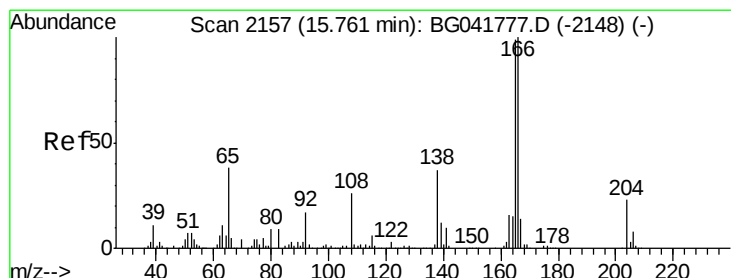
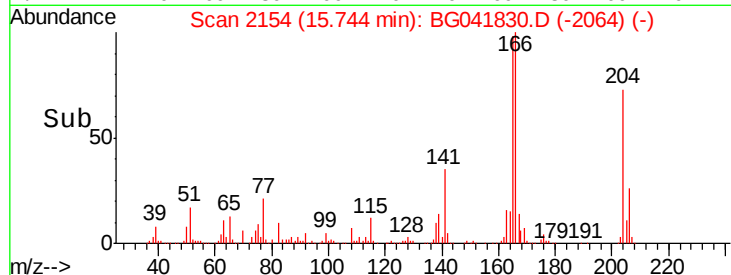
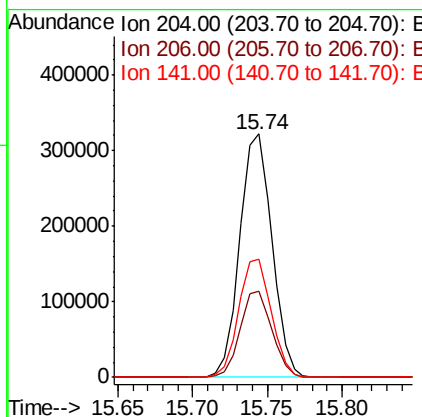
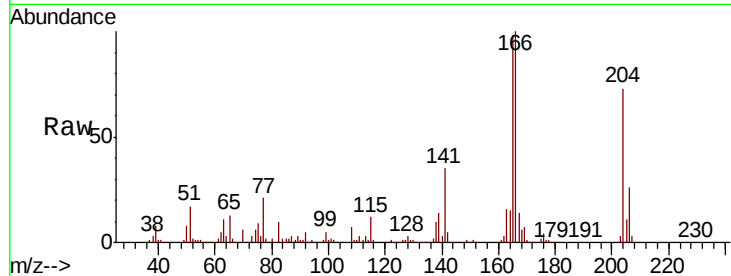
#61
4-Chlorophenyl-phenylether
Concen: 40.626 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	482595		
206	35.6	28.6	42.8	
141	48.6	42.9	64.3	

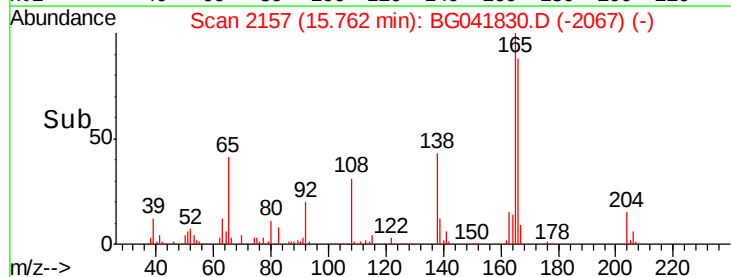
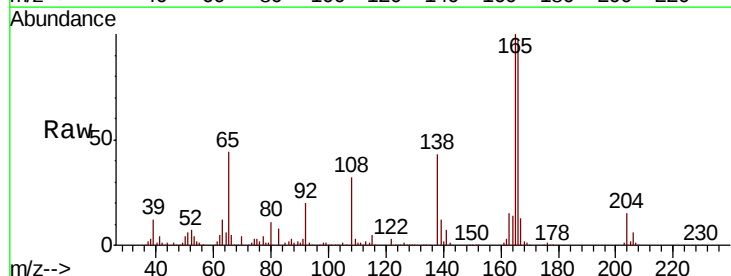
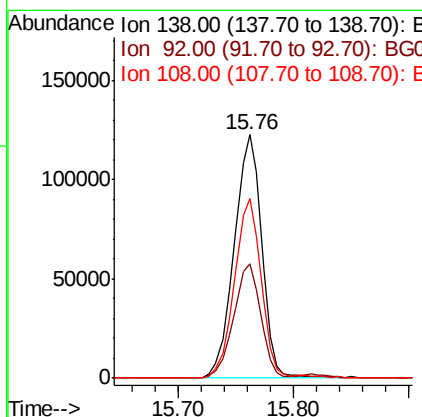
Manual Integrations
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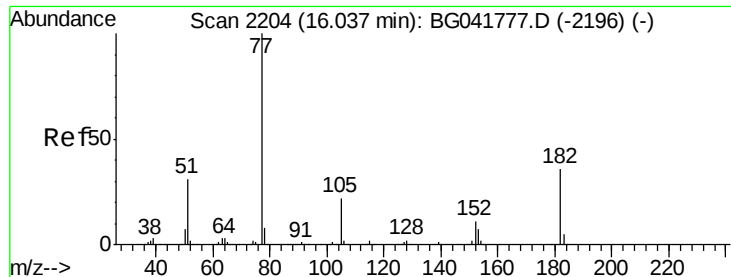
mohammad
8/1/2019 5:05:28 PM



#62
4-Nitroaniline
Concen: 41.136 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	202663		
92	46.8	29.8	69.8	
108	73.9	52.2	92.2	





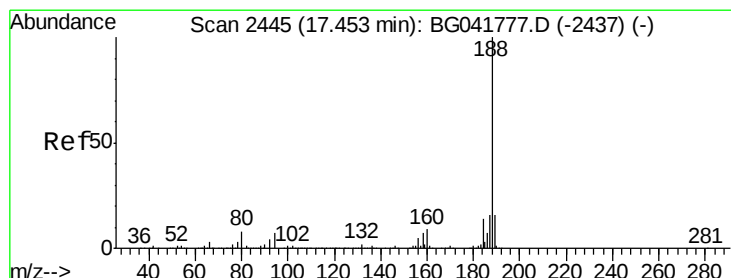
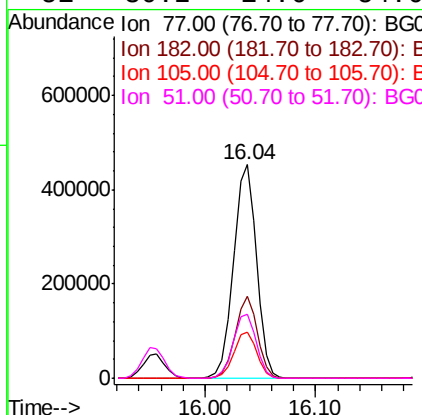
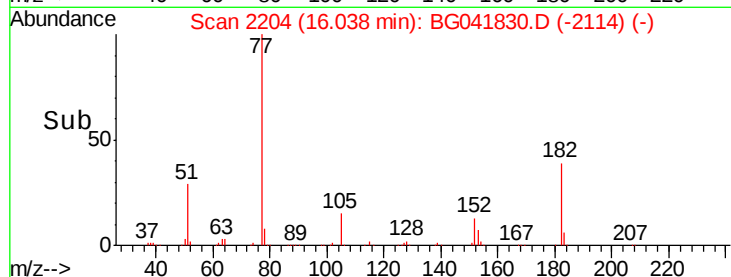
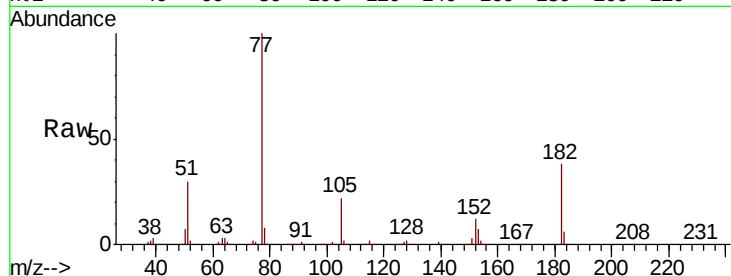
#63
Azobenzene
Concen: 40.615 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	38.1	13.2	53.2
105	21.9	2.2	42.2
51	30.2	14.6	54.6

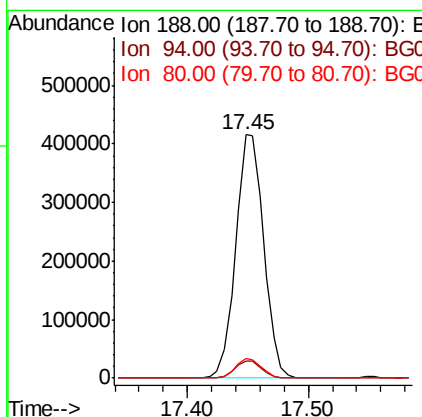
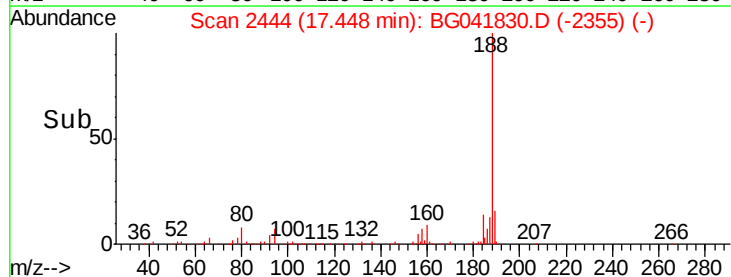
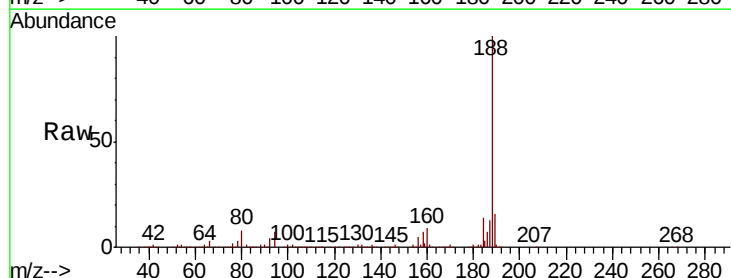
Manual Integrations
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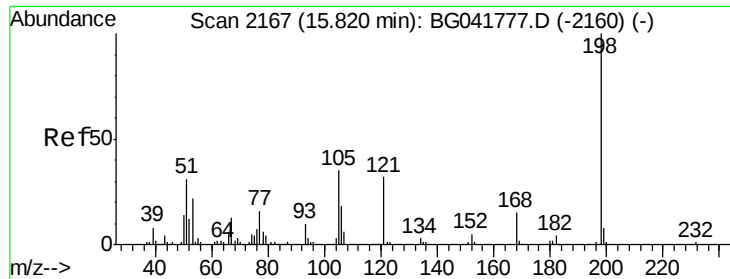
mohammad
8/1/2019 5:05:28 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	8.0	8.0	12.0#





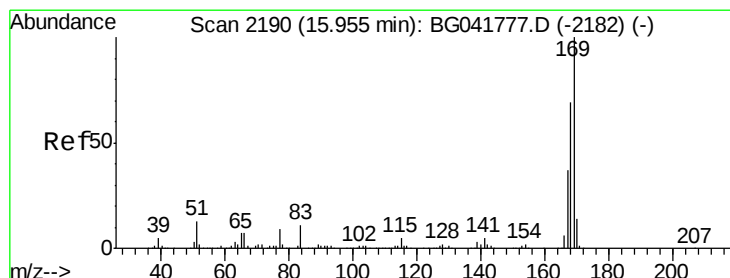
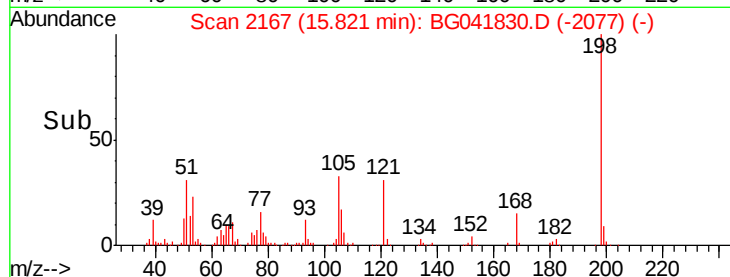
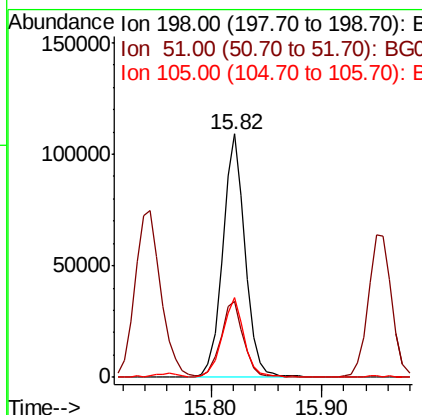
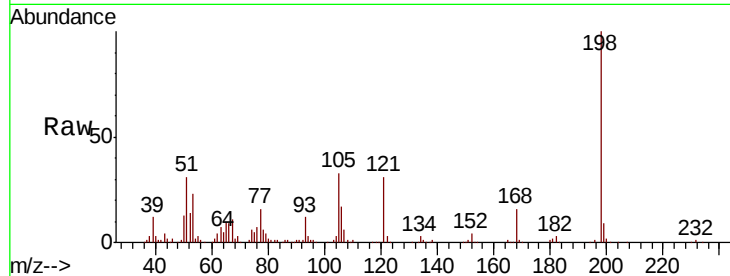
#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.165 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG041830.D
 Acq: 31 Jul 2019 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB121812BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	153954		
51	31.0		22.3	62.3
105	32.6		18.0	58.0

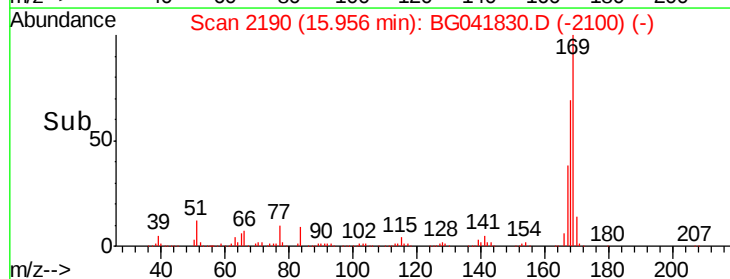
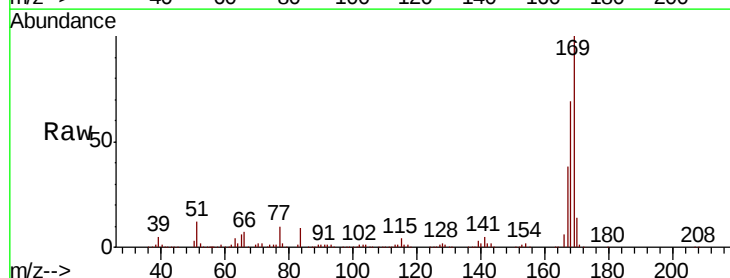
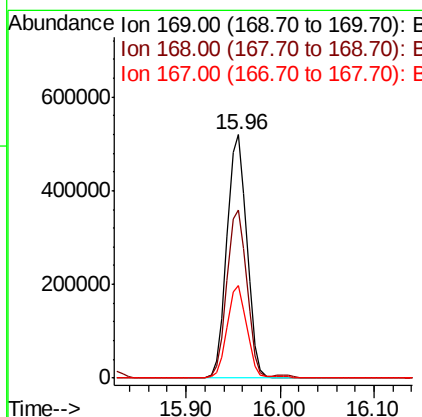
Manual Integrations
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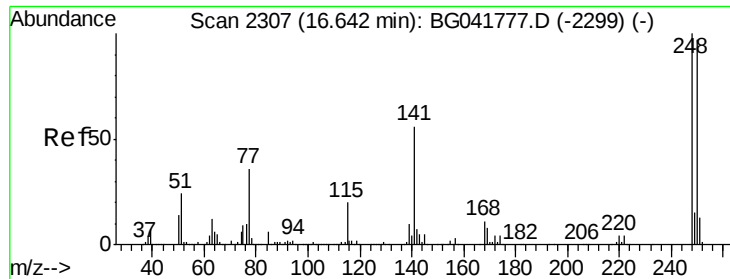
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 42.022 ng
 RT: 15.96 min Scan# 2190
 Delta R.T. 0.00 min
 Lab File: BG041830.D
 Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	765648		
168	68.8		56.9	85.3
167	38.1		31.5	47.3





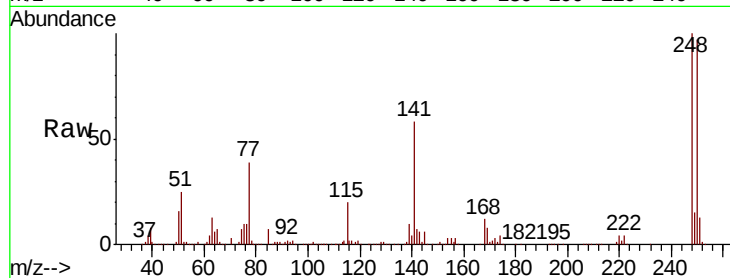
#67
4-Bromophenyl-phenylether
Concen: 40.324 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.1	117.1
141	57.8	49.6	74.4

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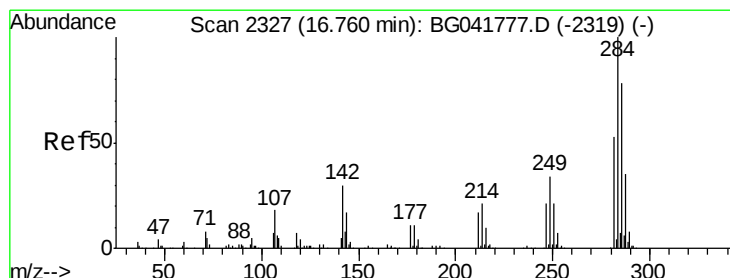
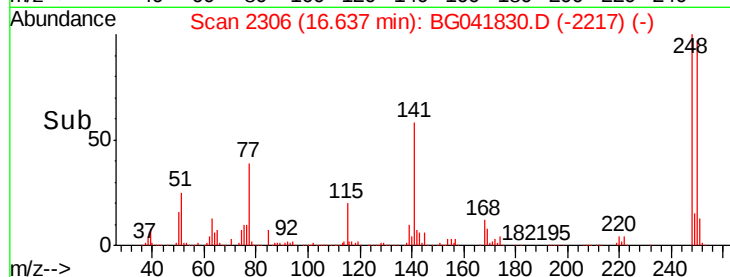
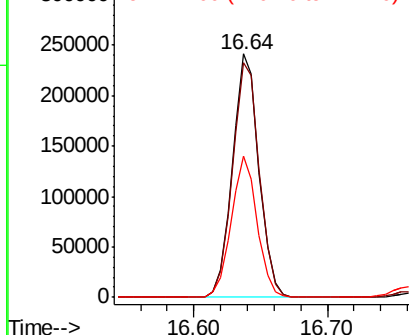


Abundance

Ion 248.00 (247.70 to 248.70): E

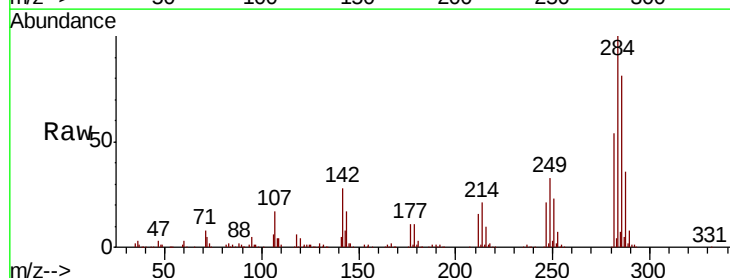
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.275 ng
RT: 16.76 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	27.0	40.6
249	32.8	28.4	42.6

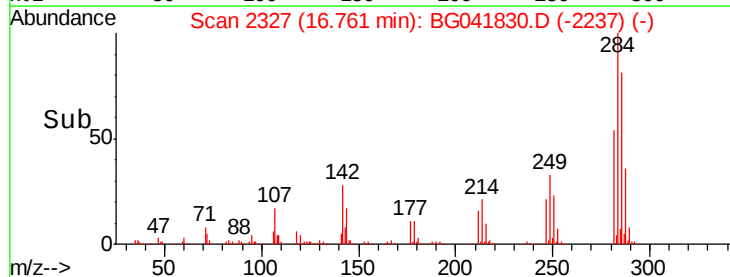
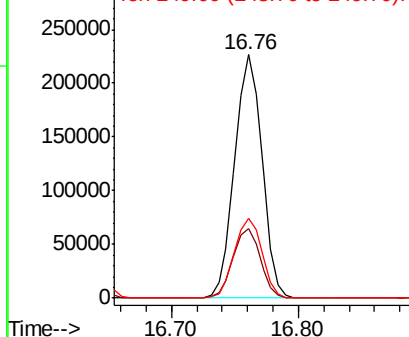


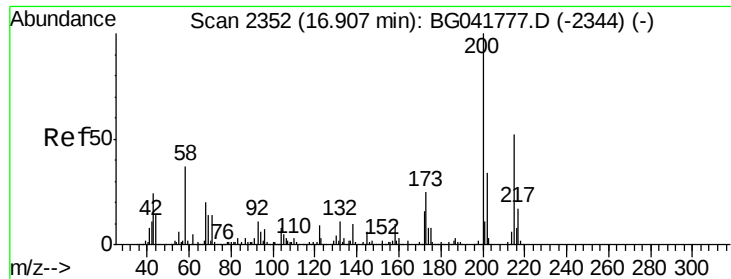
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





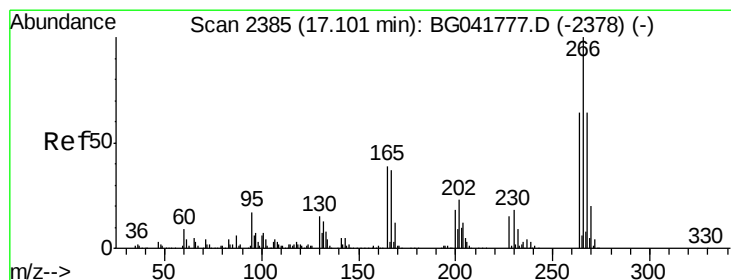
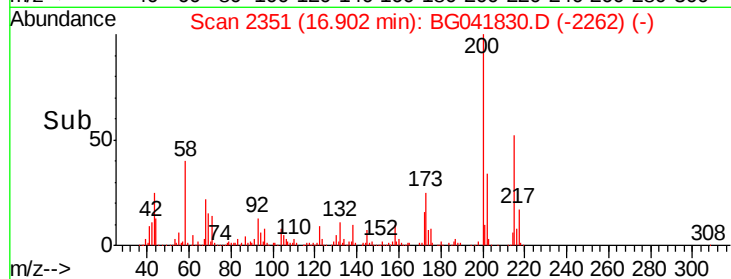
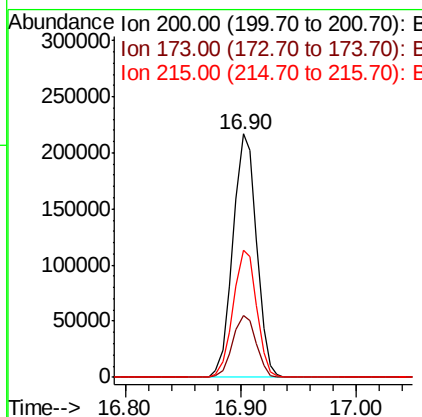
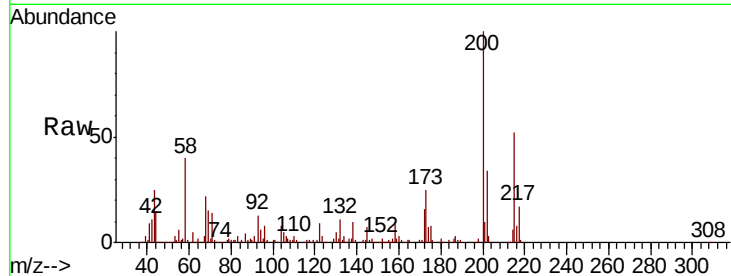
#69
Atrazine
Concen: 42.919 ng
RT: 16.90 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	307248		
173	25.5	5.3	45.3	
215	52.0	31.8	71.8	

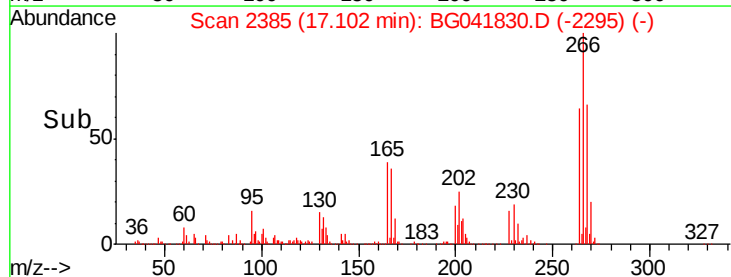
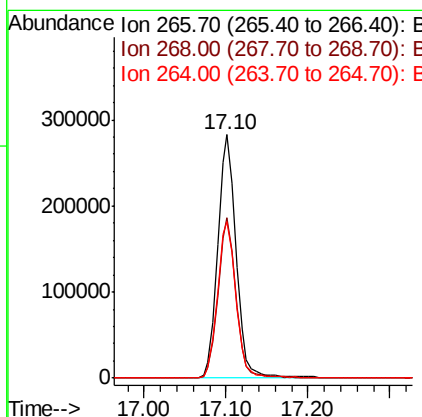
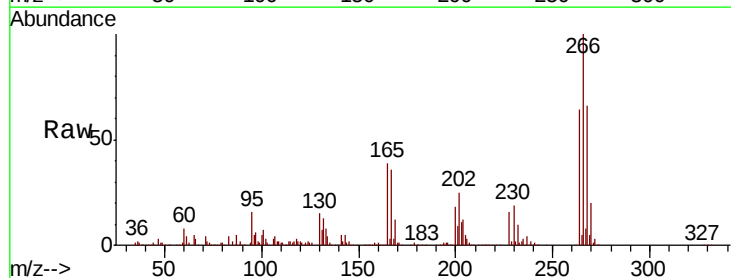
Manual Integrations
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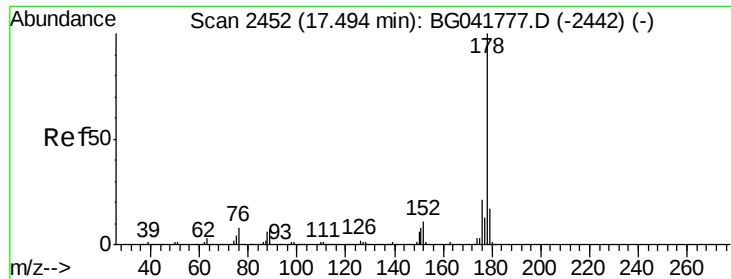
mohammad
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#70
Pentachlorophenol
Concen: 90.823 ng
RT: 17.10 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	444746		
268	66.1	52.9	79.3	
264	64.2	51.4	77.2	





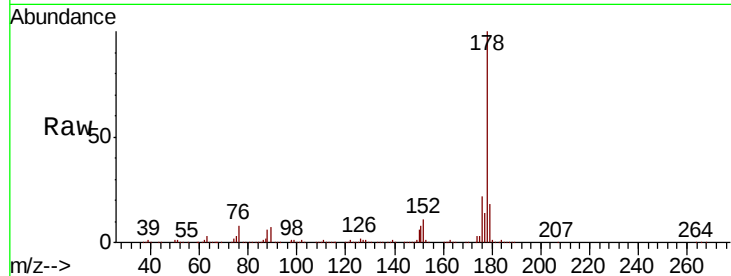
#71
Phenanthrene
Concen: 41.603 ng
RT: 17.50 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

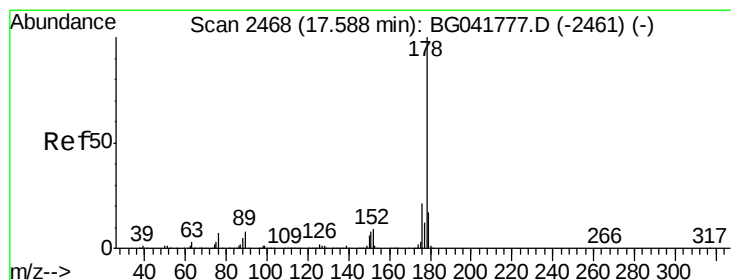
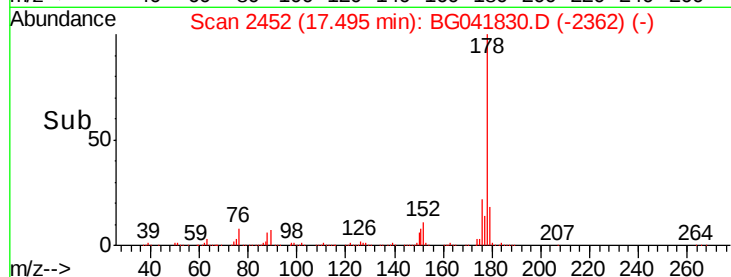
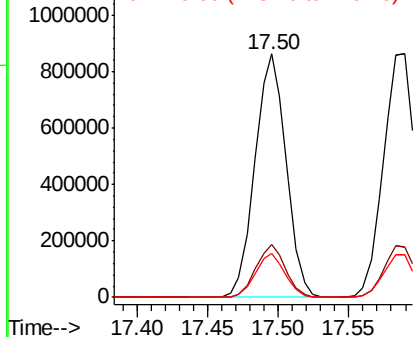
Tot Ion:178 Resp: 1333875
Ion Ratio Lower Upper
178 100
176 21.9 18.6 28.0
179 18.0 15.4 23.0

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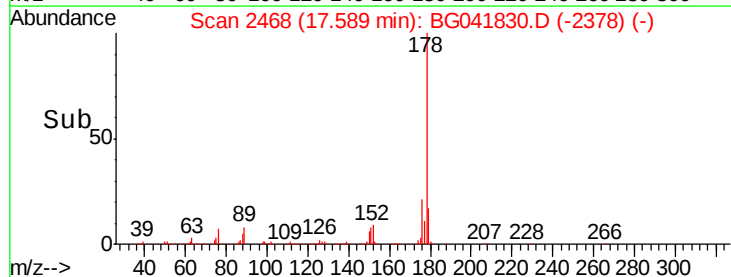
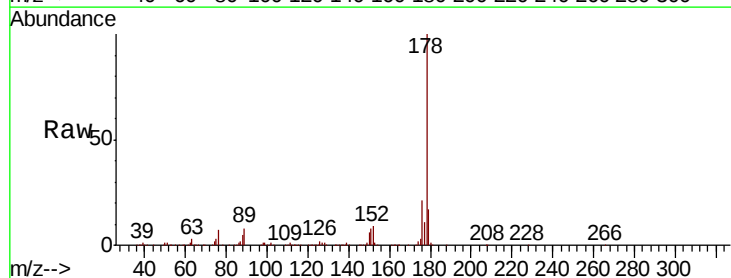
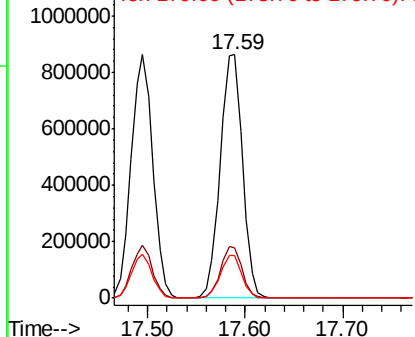
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

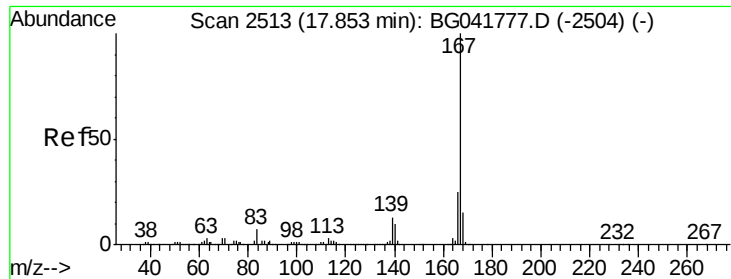


#72
Anthracene
Concen: 42.729 ng
RT: 17.59 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion:178 Resp: 1366342
Ion Ratio Lower Upper
178 100
176 20.8 18.6 28.0
179 17.3 15.1 22.7

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





#73

Carbazole

Concen: 42.747 ng

RT: 17.85 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

Instrument :

BNA_G

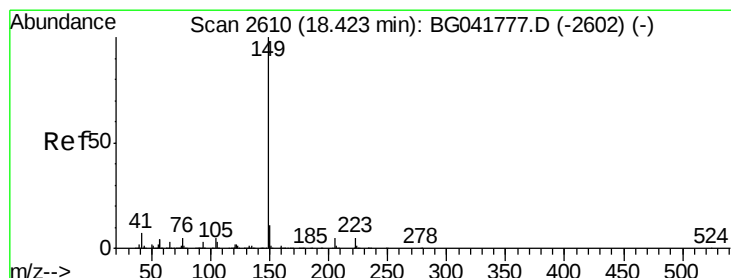
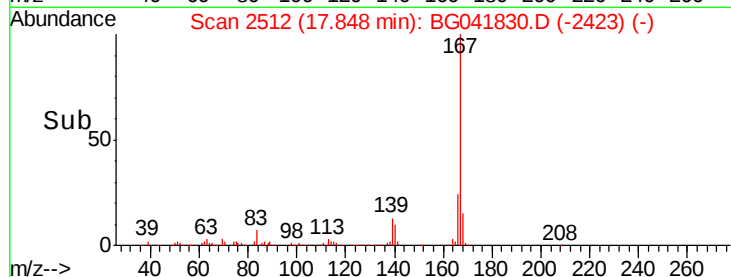
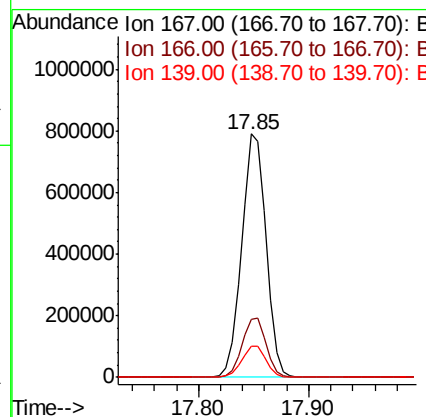
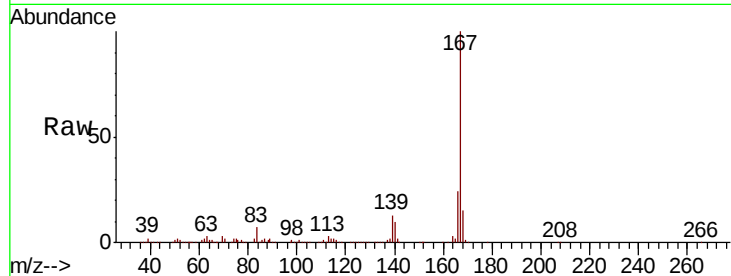
ClientSampleId :

PB121812BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	21.4	32.2
139	12.8	12.1	18.1

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 43.012 ng

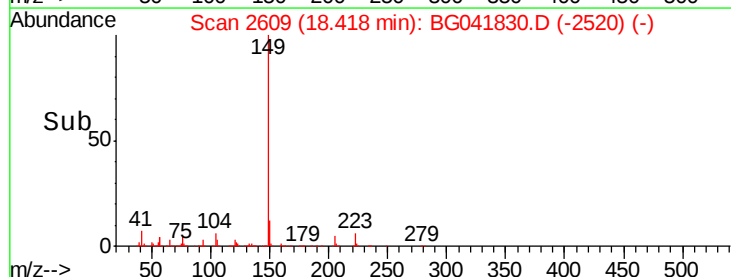
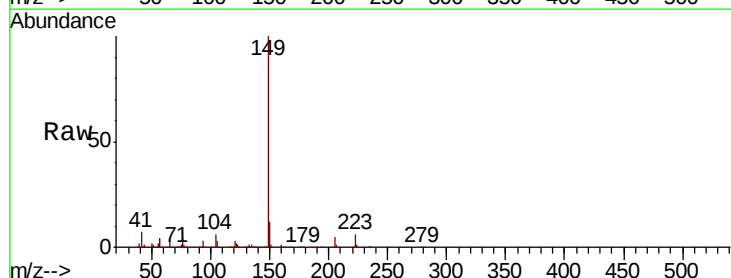
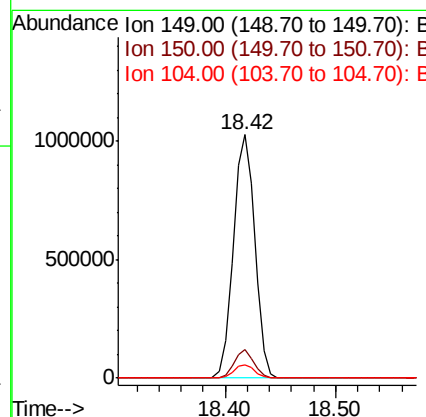
RT: 18.42 min Scan# 2609

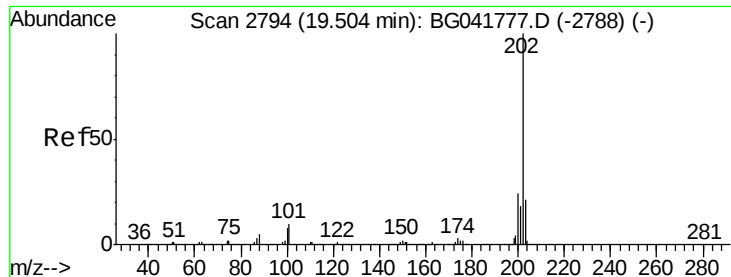
Delta R.T. -0.01 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.5	10.2	15.2
104	5.7	5.3	7.9





#75

Fluoranthene

Concen: 42.424 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

Instrument :

BNA_G

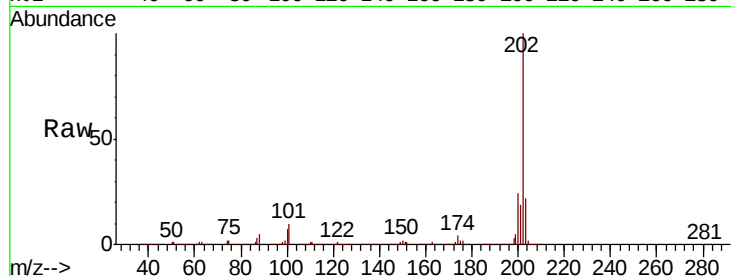
ClientSampleId :

PB121812BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	32.8
203	21.6	3.7	43.7

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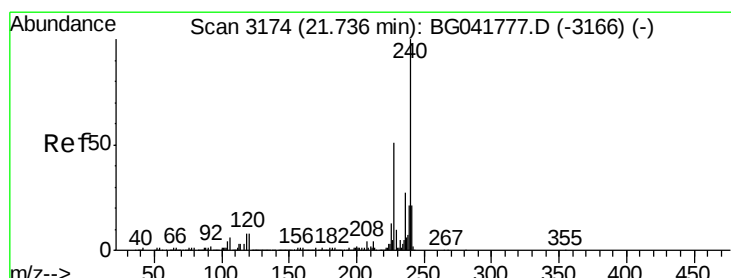
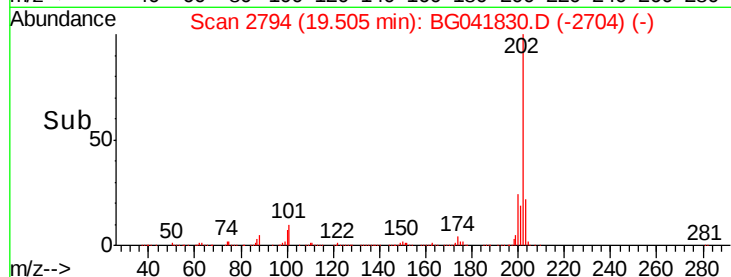
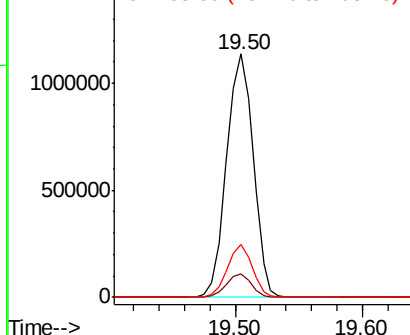


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

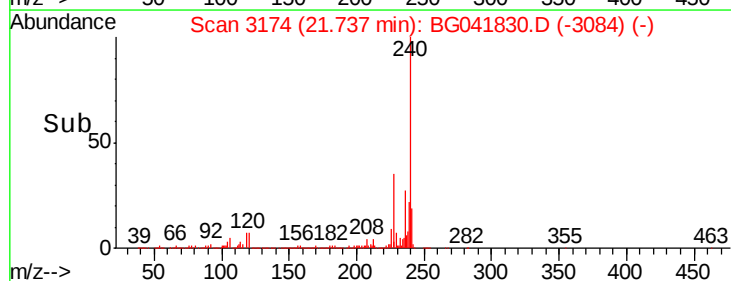
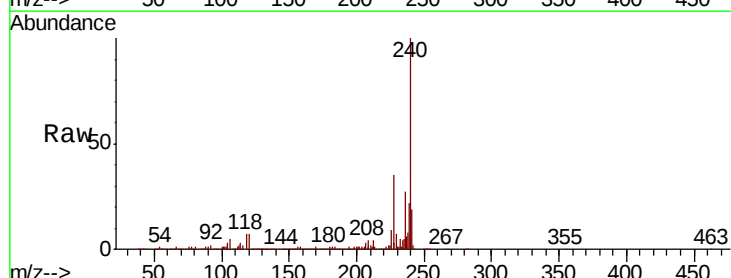
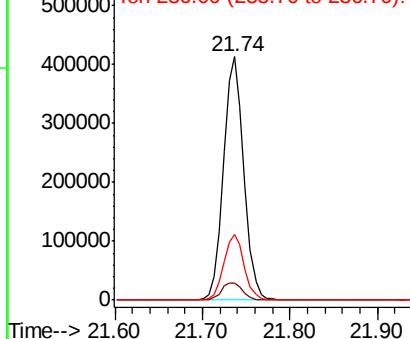
Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.2	8.0	12.0#
236	27.1	22.6	33.8

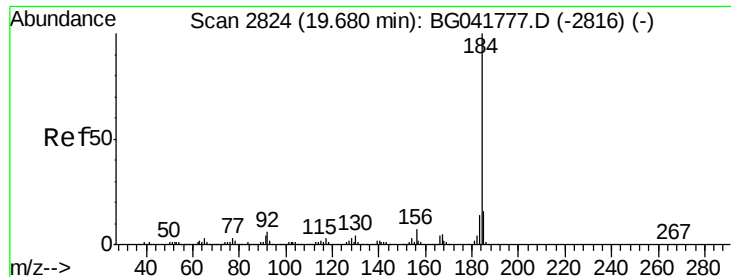
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.105 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

Instrument :

BNA_G

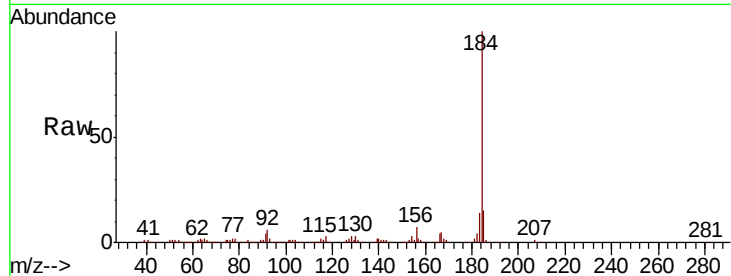
ClientSampleId :

PB121812BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.0	19.4
183	13.6	11.8	17.6

Manual Integrations
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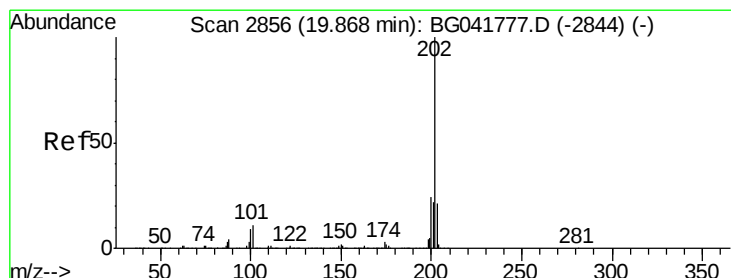
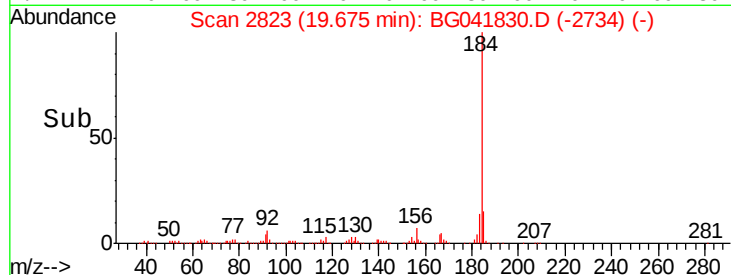
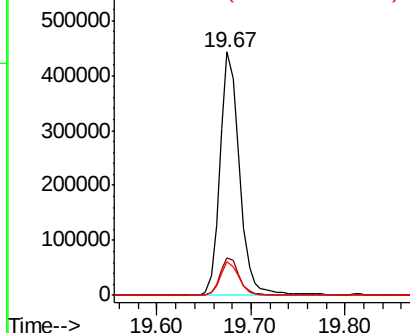


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.391 ng

RT: 19.86 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

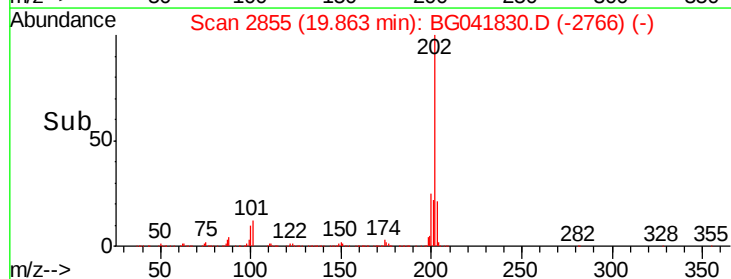
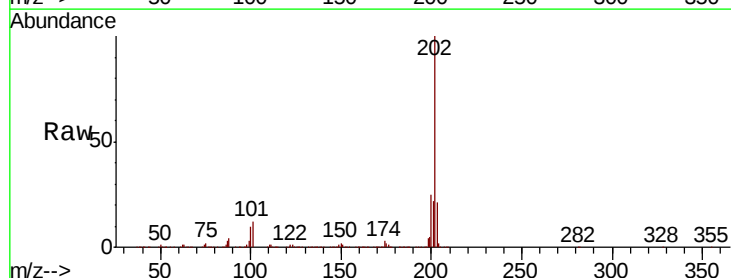
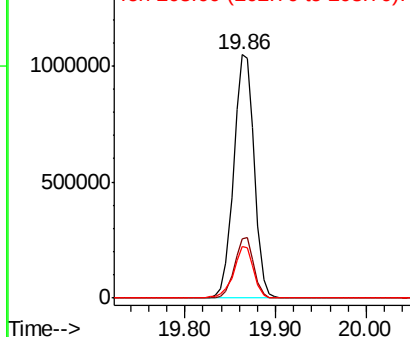
Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.6	22.2	33.2
203	21.0	18.9	28.3

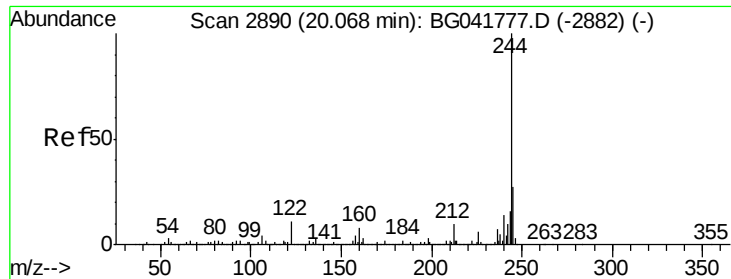
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





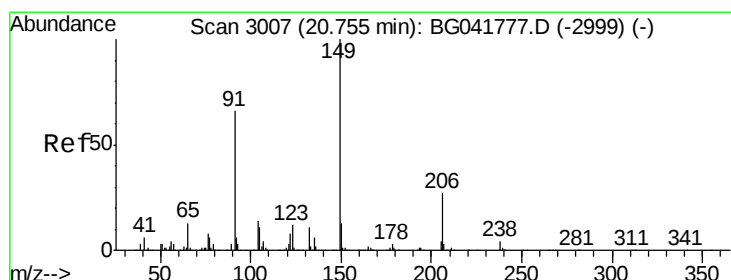
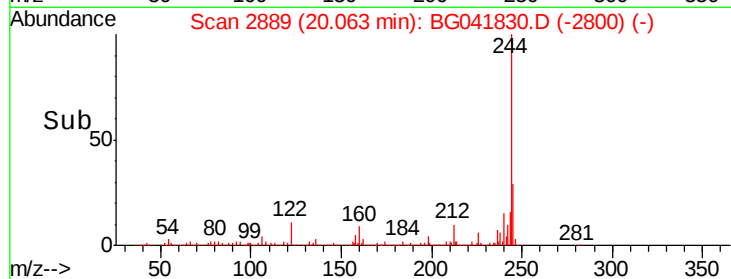
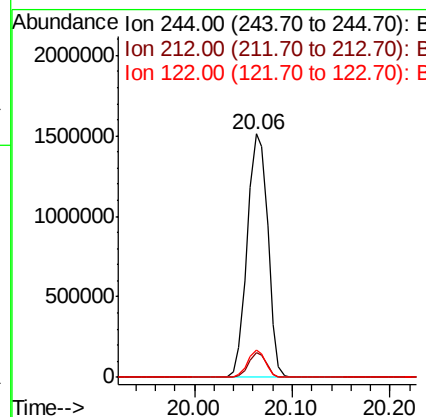
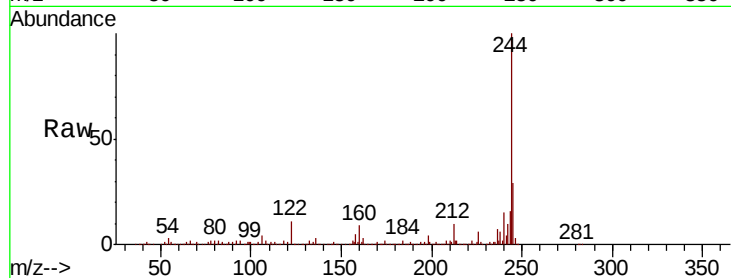
#79
 Terphenyl-d14
 Concen: 77.386 ng
 RT: 20.06 min Scan# 2889
 Delta R.T. -0.00 min
 Lab File: BG041830.D
 Acq: 31 Jul 2019 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB121812BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.1	9.7	14.5
122	11.5	12.5	18.7

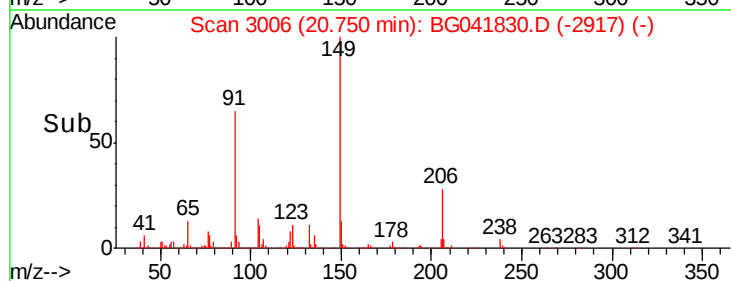
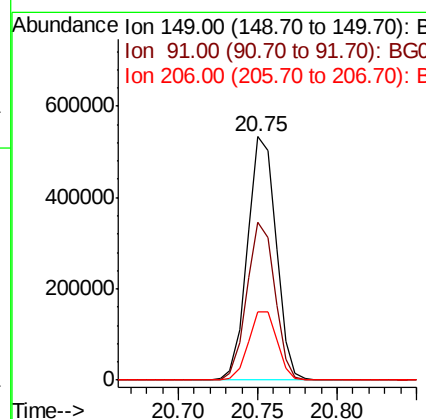
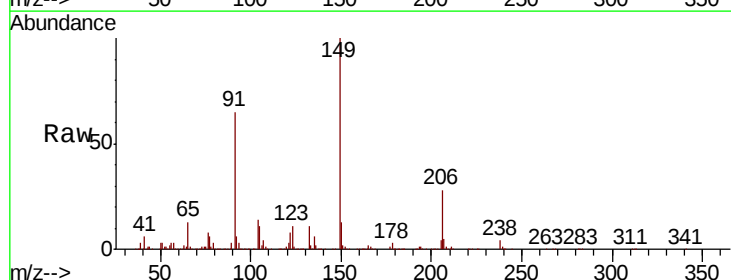
Manual Integrations
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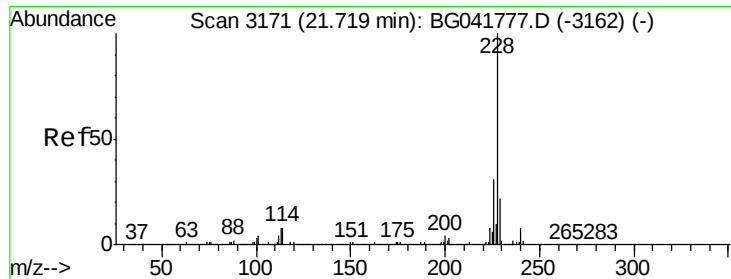
mohammad
 8/1/2019 5:05:28 PM



#80
 Butylbenzylphthalate
 Concen: 44.576 ng
 RT: 20.75 min Scan# 3006
 Delta R.T. -0.01 min
 Lab File: BG041830.D
 Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.7	58.9	88.3
206	28.1	20.8	31.2





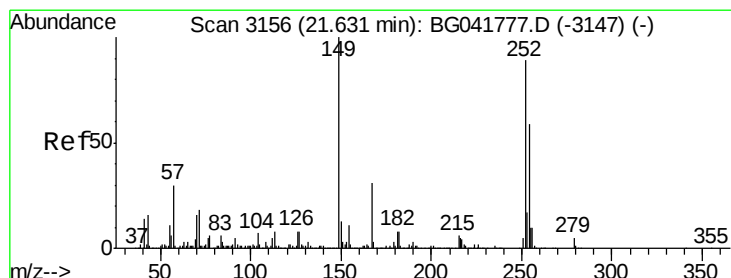
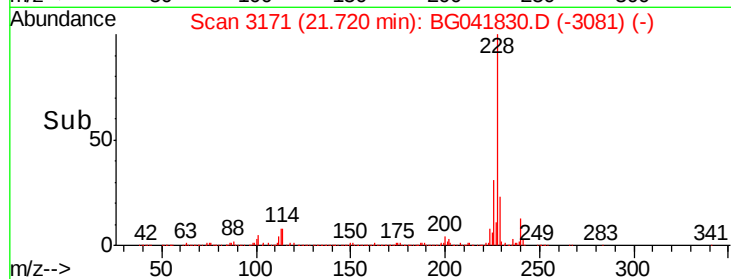
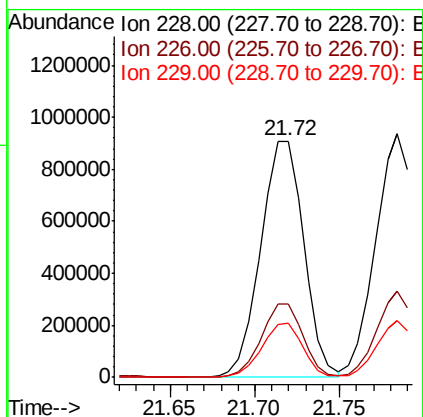
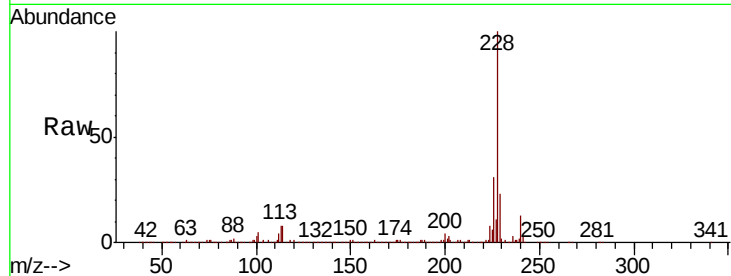
#81
Benzo(a)anthracene
Concen: 41.124 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	27.3	40.9
229	23.0	19.7	29.5

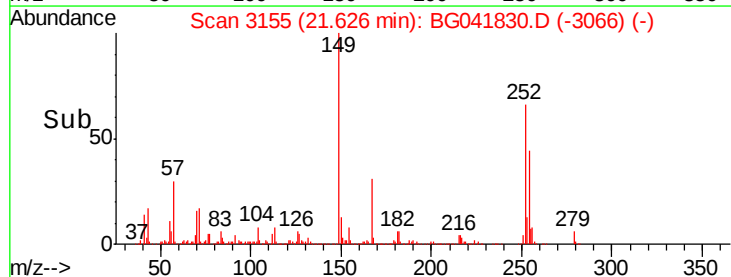
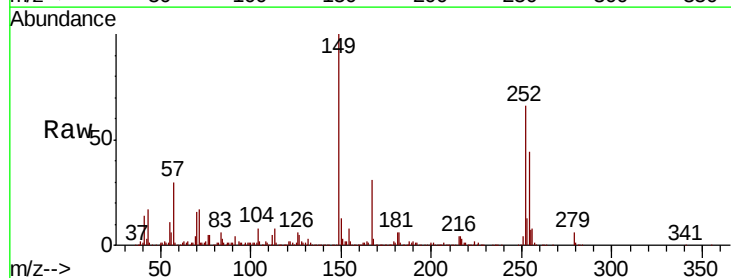
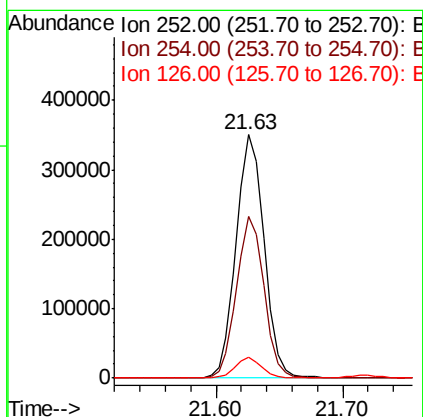
Manual Integrations
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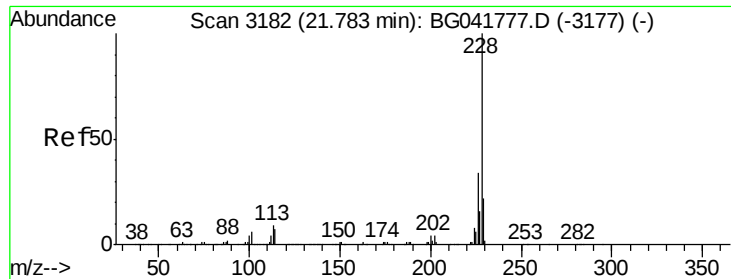
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 34.271 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	53.8	80.6
126	8.3	7.8	11.8





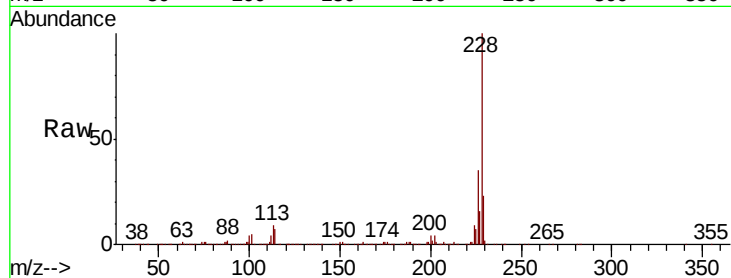
#83
Chrysene
Concen: 42.516 ng
RT: 21.78 min Scan# 3182
Delta R.T. 0.00 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.3	30.1	45.1
229	23.4	19.8	29.6

Manual Integrations
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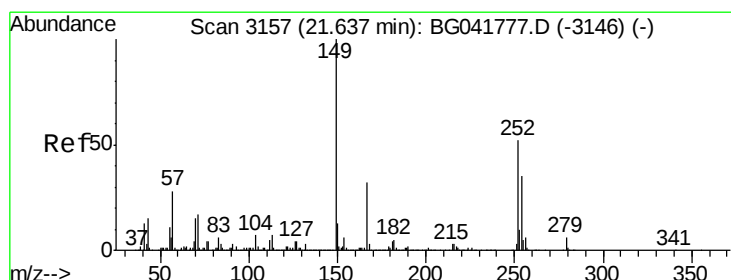
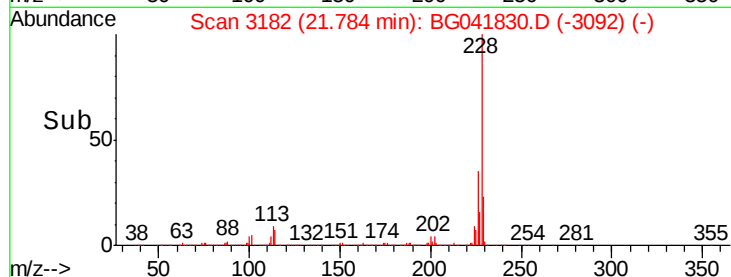
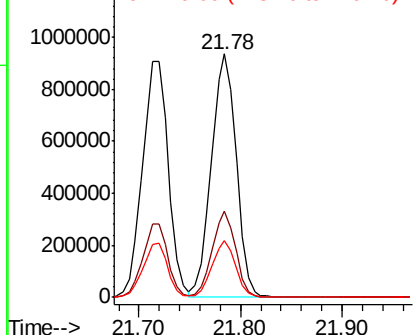


Abundance

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



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.383 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

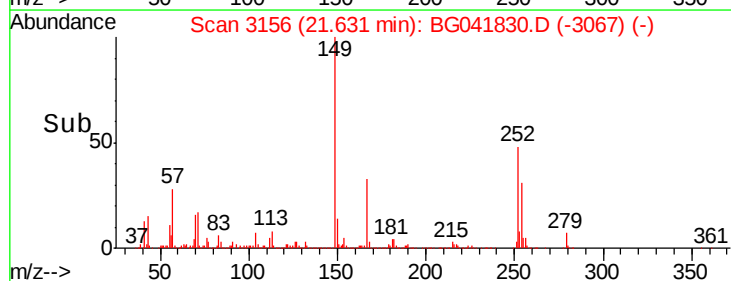
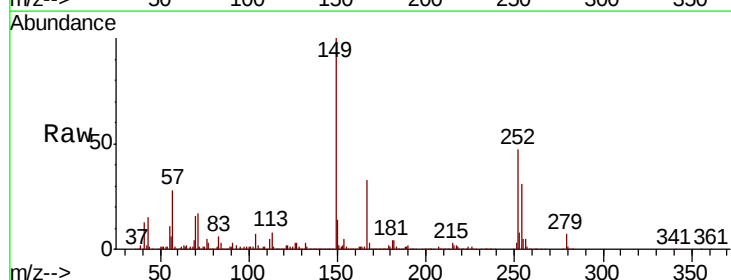
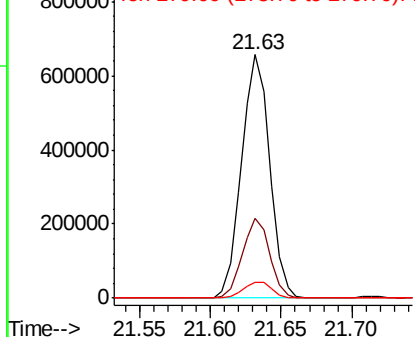
Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.5	27.0	40.4
279	6.6	5.0	7.6

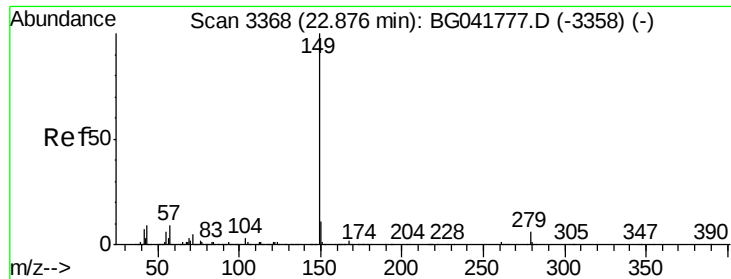
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





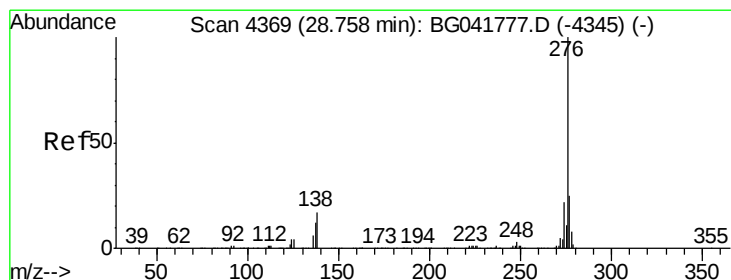
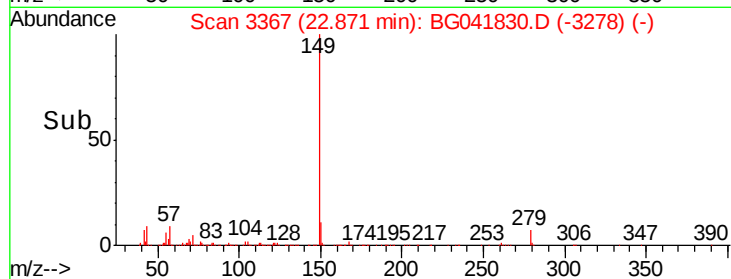
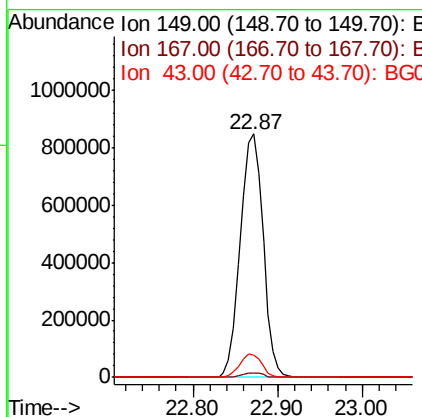
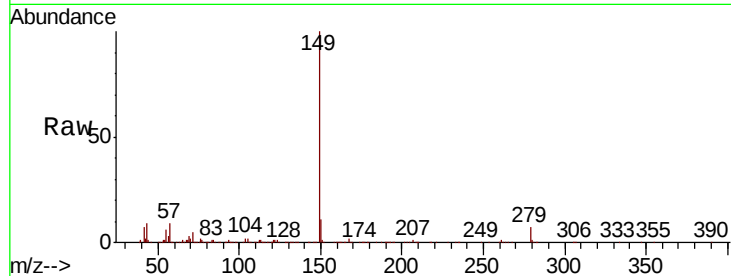
#85
Di-n-octyl phthalate
Concen: 45.624 ng
RT: 22.87 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.6	2.4
43	9.2	10.6	16.0

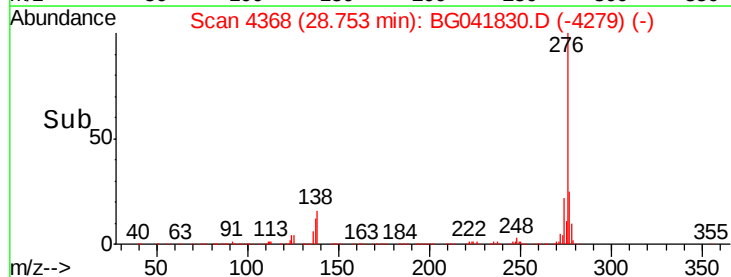
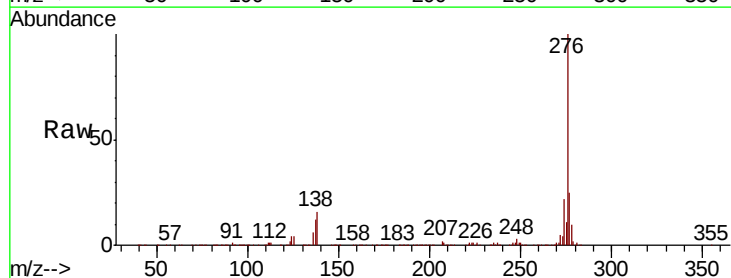
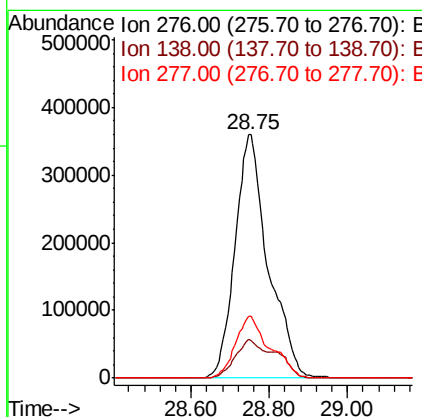
Manual Integrations
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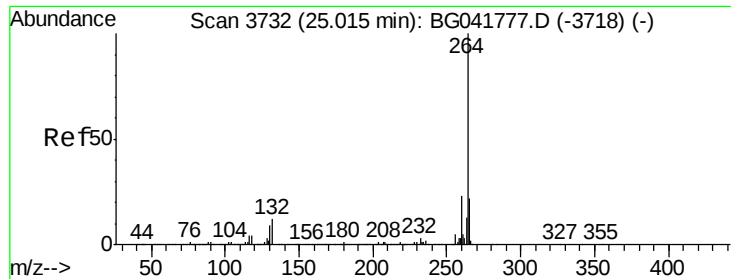
mohammad
8/1/2019 5:05:28 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.969 ng
RT: 28.75 min Scan# 4368
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.5	19.4	29.0
277	26.6	21.2	31.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG041830.D

Acq: 31 Jul 2019 11:32

Instrument :

BNA_G

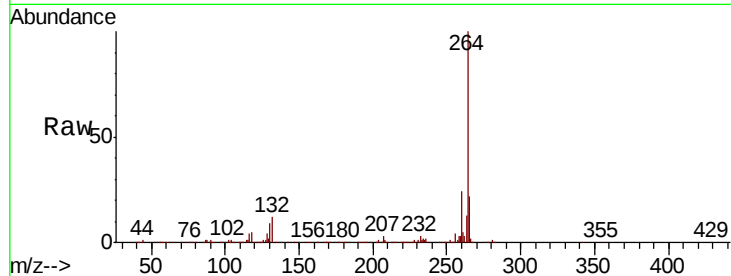
ClientSampleId :

PB121812BS

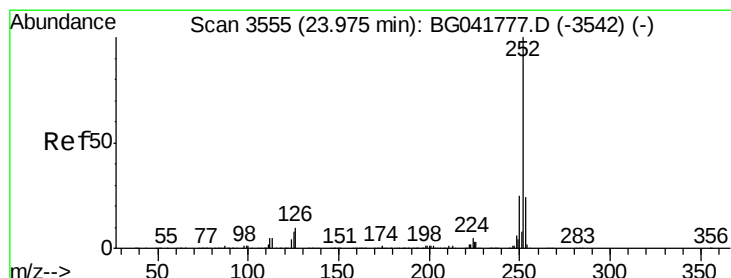
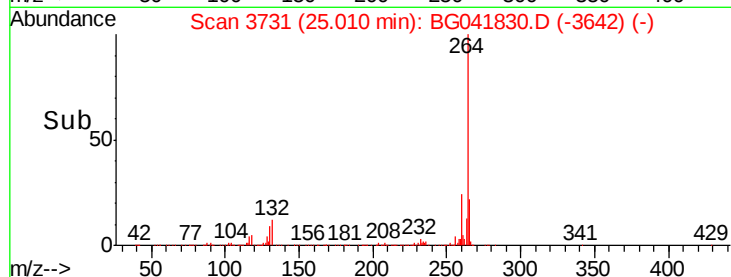
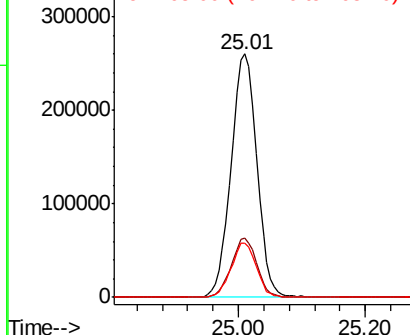
Tot Ion:	264	Resp:	729801
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.5	29.3
265	22.1	18.0	27.0

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.885 ng m

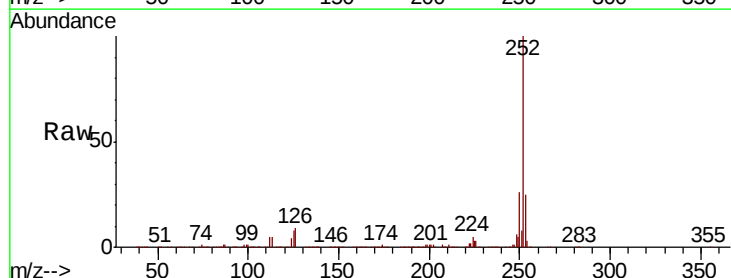
RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

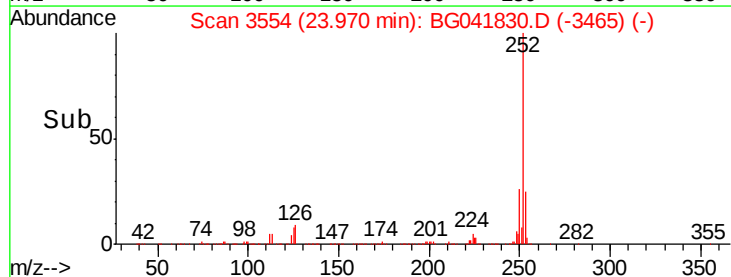
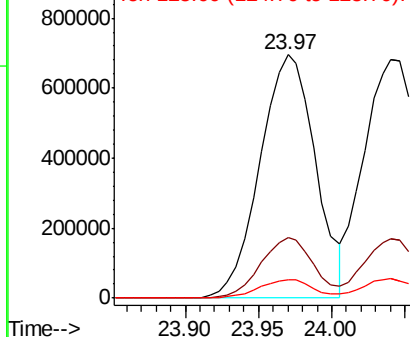
Lab File: BG041830.D

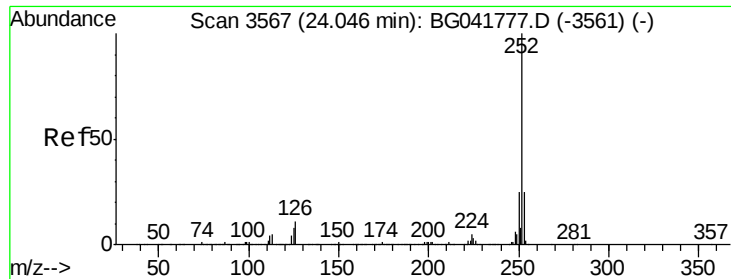
Acq: 31 Jul 2019 11:32

Tgt Ion:	252	Resp:	1831865
Ion Ratio	Lower	Upper	
252	100		
253	24.8	20.6	30.8
125	7.7	8.0	12.0#



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





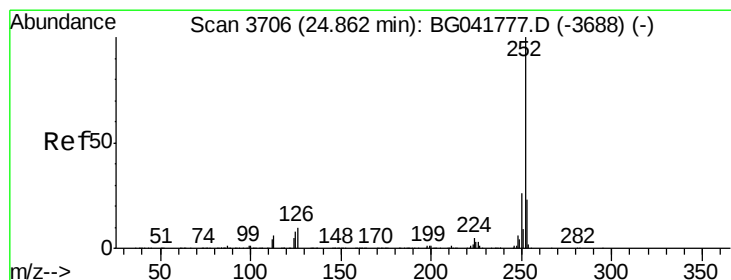
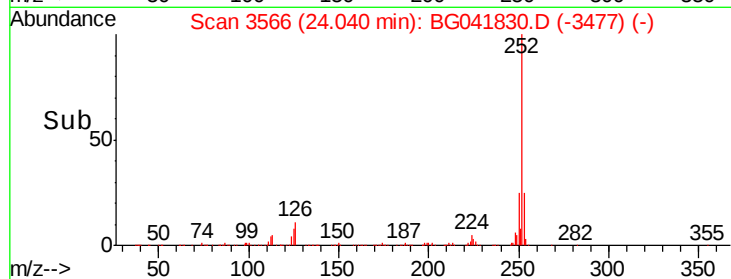
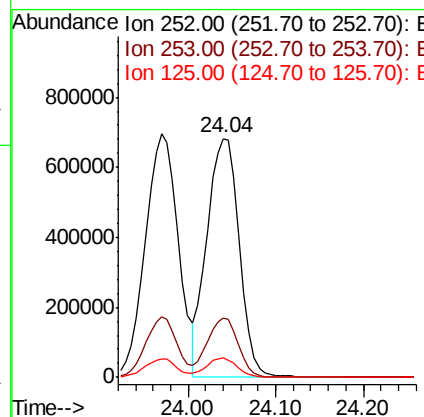
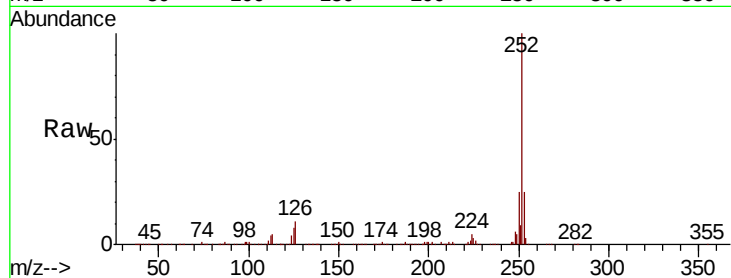
#89
Benzo(k)fluoranthene
Concen: 45.110 ng
RT: 24.04 min Scan# 3566
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.5	30.7
125	8.0	8.4	12.6

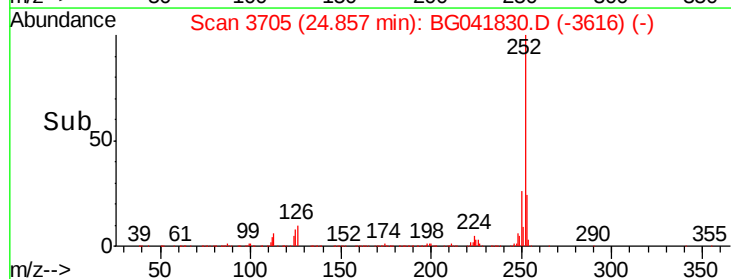
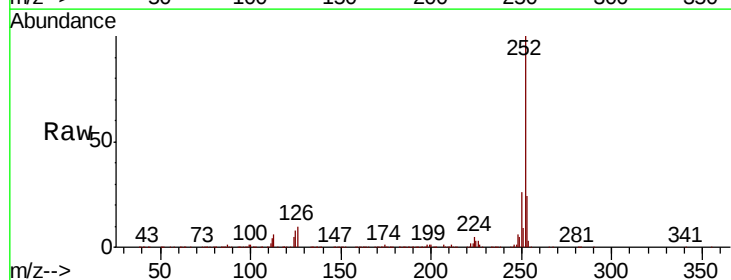
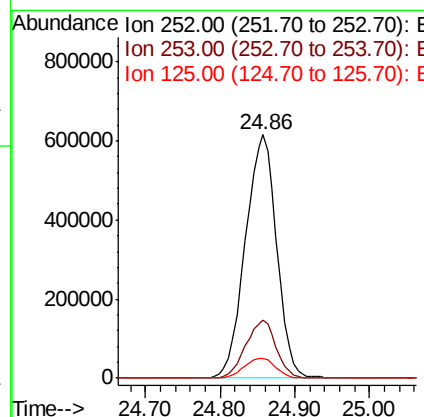
Manual Integrations
APPROVED

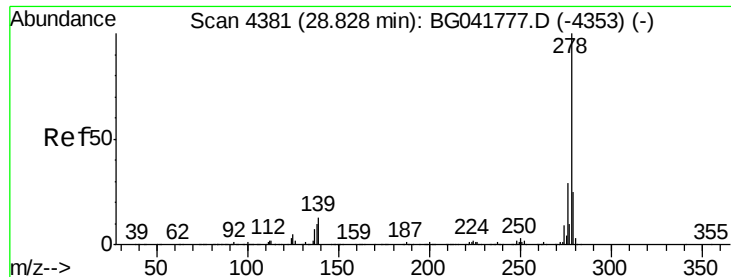
mohammad
8/1/2019 5:05:28 PM



#90
Benzo(a)pyrene
Concen: 46.681 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.8	29.8
125	8.3	8.8	13.2





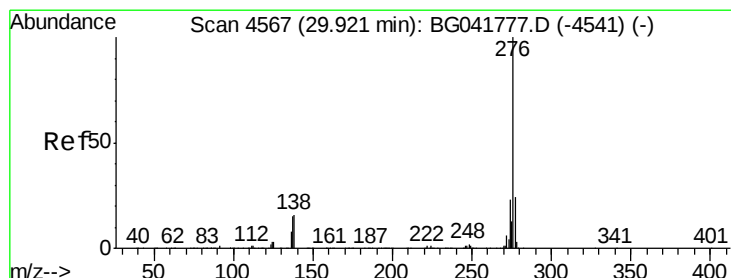
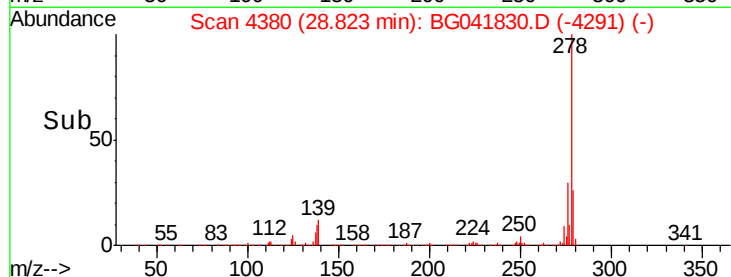
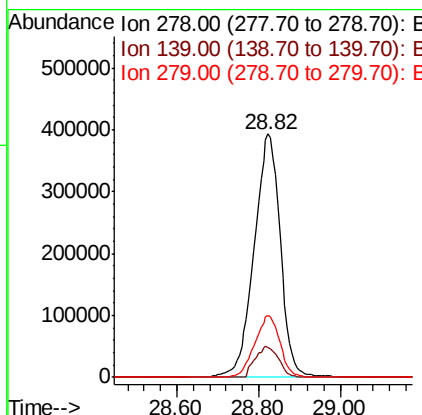
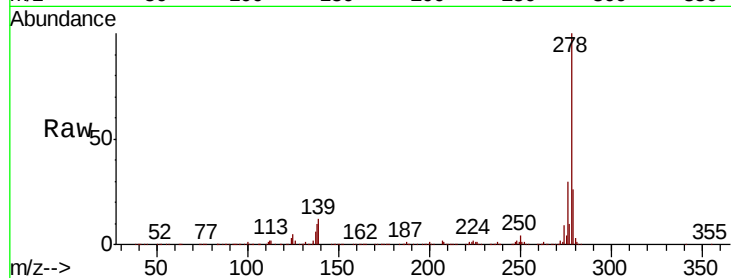
#91
Dibenzo(a,h)anthracene
Concen: 46.452 ng
RT: 28.82 min Scan# 4380
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Instrument :
BNA_G
ClientSampleId :
PB121812BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.3	12.6	19.0#
279	25.7	20.5	30.7

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:28 PM



#92
Benzo(g,h,i)perylene
Concen: 47.398 ng
RT: 29.92 min Scan# 4566
Delta R.T. -0.01 min
Lab File: BG041830.D
Acq: 31 Jul 2019 11:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.8	29.8
138	16.6	16.6	25.0#

