

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041687.D
 Acq On : 17 Jul 2019 13:27
 Operator : HP/JU
 Sample : PB121214BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BS

Manual Integrations
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 7/19/2019 2:24:44 PM

Quant Time: Jul 18 07:20:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	88402	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	354802	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	225845	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	546751	20.00	ng	0.00
76) Chrysene-d12	21.66	240	531886	20.00	ng	0.00
87) Perylene-d12	24.85	264	556163	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	736178	136.14	ng	0.00
7) Phenol-d6	7.20	99	958012	131.71	ng	0.00
23) Nitrobenzene-d5	9.21	82	562129	96.35	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	388279	152.55	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1362481	93.42	ng	0.00
79) Terphenyl-d14	20.01	244	2099639	92.25	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.49	88	105852	41.214	ng	98
3) Pyridine	3.89	79	259668	37.876	ng	95
4) n-Nitrosodimethylamine	3.80	42	130018	41.066	ng	100
6) Aniline	7.37	93	321773	32.916	ng	95
8) 2-Chlorophenol	7.61	128	278646	45.515	ng	99
9) Benzaldehyde	7.18	77	198455	46.103	ng	99
10) Phenol	7.23	94	345059	45.028	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	262052	42.341	ng	99
12) 1,3-Dichlorobenzene	7.94	146	309153	42.322	ng	99
13) 1,4-Dichlorobenzene	8.08	146	315324	43.104	ng	98
14) 1,2-Dichlorobenzene	8.40	146	293096	42.495	ng	97
15) Benzyl Alcohol	8.28	79	247973	42.823	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	514120	40.089	ng	99
17) 2-Methylphenol	8.48	107	245089	46.247	ng	99
18) Hexachloroethane	9.14	117	112390	41.945	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	215002	40.442	ng	96
20) 3+4-Methylphenols	8.81	107	325830	44.865	ng	97
22) Acetophenone	8.87	105	395742	45.796	ng	# 97
24) Nitrobenzene	9.25	77	300226	47.174	ng	97
25) Isophorone	9.77	82	568862	44.529	ng	98
26) 2-Nitrophenol	9.96	139	146445	49.950	ng	99
27) 2,4-Dimethylphenol	10.02	122	277485	54.897	ng	99
28) bis(2-Chloroethoxy)methane	10.25	93	351488	44.641	ng	99
29) 2,4-Dichlorophenol	10.49	162	289594	50.251	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	306168	45.247	ng	98
31) Naphthalene	10.90	128	808508	46.286	ng	98
32) Benzoic acid	10.14	122	183611	47.868	ng	94
33) 4-Chloroaniline	11.00	127	225757	28.019	ng	99
34) Hexachlorobutadiene	11.20	225	194233	44.661	ng	99
35) Caprolactam	11.76	113	100569m	47.478	ng	
36) 4-Chloro-3-methylphenol	12.11	107	292683	48.479	ng	100
37) 2-Methylnaphthalene	12.50	142	625086	46.839	ng	100
38) 1-Methylnaphthalene	12.72	142	587724	46.194	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	354210	45.787	ng	99

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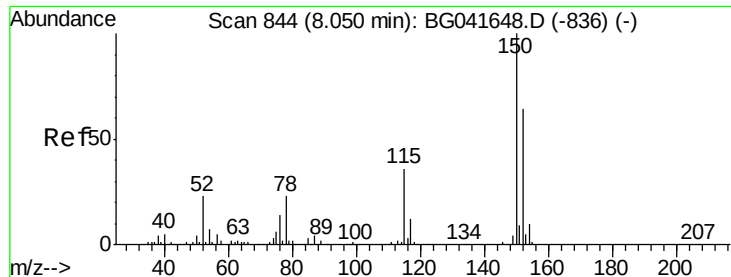
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	396266	90.552	nq	99
43) 2,4,6-Trichlorophenol	13.10	196	246753	49.090	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	265893	50.206	nq	98
46) 1,1'-Biphenyl	13.51	154	779085	46.045	nq	97
47) 2-Chloronaphthalene	13.55	162	633634	44.934	nq	98
48) 2-Nitroaniline	13.74	65	200347	48.797	nq	98
49) Acenaphthylene	14.39	152	1014859	46.101	nq	98
50) Dimethylphthalate	14.12	163	821692	46.325	nq	99
51) 2,6-Dinitrotoluene	14.23	165	189872	50.466	nq	96
52) Acenaphthene	14.73	154	698439	50.347	nq	98
53) 3-Nitroaniline	14.56	138	137779	33.547	nq	91
54) 2,4-Dinitrophenol	14.76	184	203180	104.260	nq	95
55) Dibenzofuran	15.06	168	970615	46.626	nq	97
56) 4-Nitrophenol	14.86	139	376790	113.314	nq	97
57) 2,4-Dinitrotoluene	15.01	165	264114	53.105	nq	98
58) Fluorene	15.71	166	780396	46.072	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	250066	51.146	nq	99
60) Diethylphthalate	15.48	149	824465	46.139	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	442523	46.217	nq	99
62) 4-Nitroaniline	15.72	138	207328	47.598	nq	99
63) Azobenzene	16.00	77	736517	45.590	nq	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	139615	52.986	nq	96
66) n-Nitrosodiphenylamine	15.92	169	734026	45.716	nq	98
67) 4-Bromophenyl-phenylether	16.60	248	295387	45.405	nq	99
68) Hexachlorobenzene	16.71	284	290783	44.387	nq	97
69) Atrazine	16.86	200	280793	48.191	nq	99
70) Pentachlorophenol	17.05	266	418848	102.254	nq	99
71) Phenanthrene	17.44	178	1280311	46.498	nq	97
72) Anthracene	17.54	178	1301215	47.409	nq	97
73) Carbazole	17.80	167	1198157	47.070	nq	97
74) Di-n-butylphthalate	18.37	149	1419165	45.712	nq	97
75) Fluoranthene	19.45	202	1575407	46.596	nq	96
77) Benzidine	19.62	184	812025	44.618	nq	99
78) Pyrene	19.81	202	1593504	44.297	nq	94
80) Butylbenzylphthalate	20.69	149	686928	45.953	nq	96
81) Benzo(a)anthracene	21.63	228	1544671	44.948	nq	97
82) 3,3'-Dichlorobenzidine	21.54	252	505849	37.406	nq	98
83) Chrysene	21.70	228	1510774	46.007	nq	96
84) Bis(2-ethylhexyl)phthalate	21.56	149	967367	45.834	nq	97
85) Di-n-octyl phthalate	22.77	149	1648483	45.864	nq	97
86) Indeno(1,2,3-cd)pyrene	28.50	276	1965669	45.367	nq	# 93
88) Benzo(b)fluoranthene	23.84	252	1713702	50.798	nq	98
89) Benzo(k)fluoranthene	23.91	252	1649230	52.759	nq	98
90) Benzo(a)pyrene	24.70	252	1688568	52.903	nq	97
91) Dibenzo(a,h)anthracene	28.57	278	1605962	51.893	nq	97
92) Benzo(g,h,i)perylene	29.64	276	1624775	52.389	nq	99

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



#1

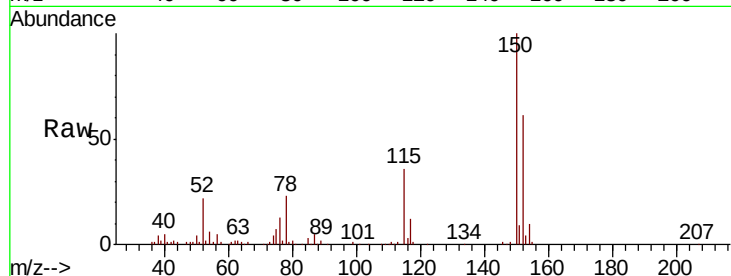
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.0	126.9	190.3
115	58.9	45.0	67.6

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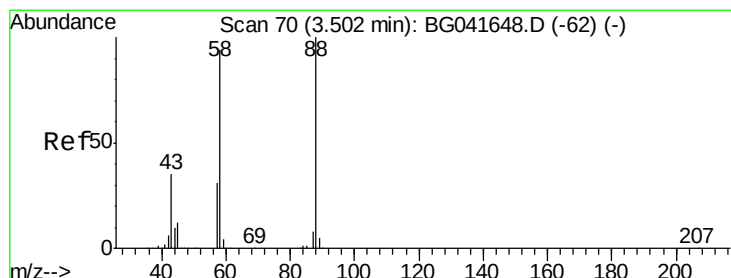
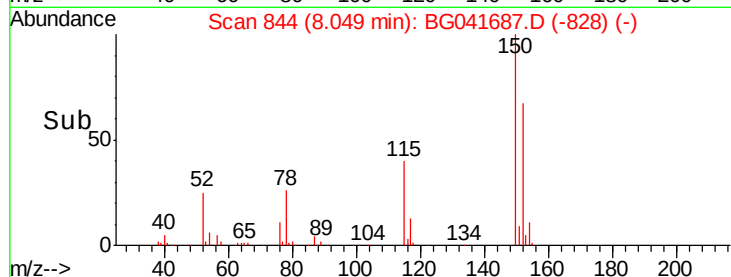
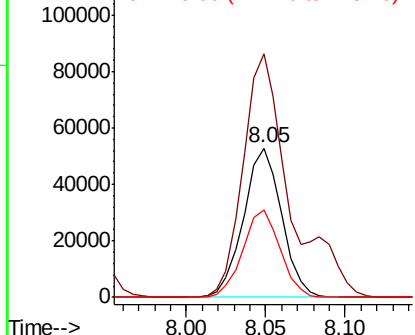


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

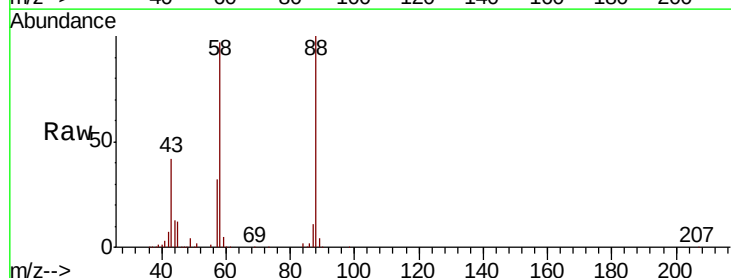
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.214 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.1	76.2	114.2
43	31.6	27.2	40.8

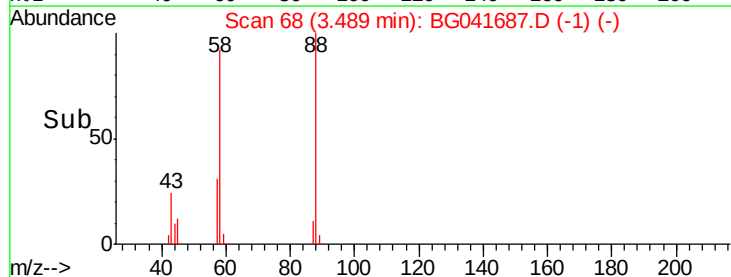
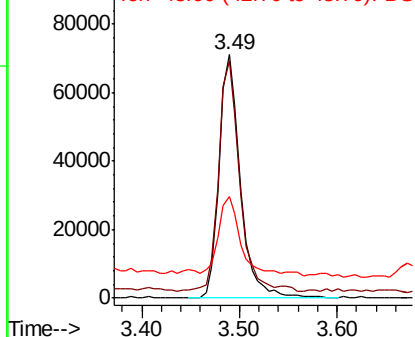


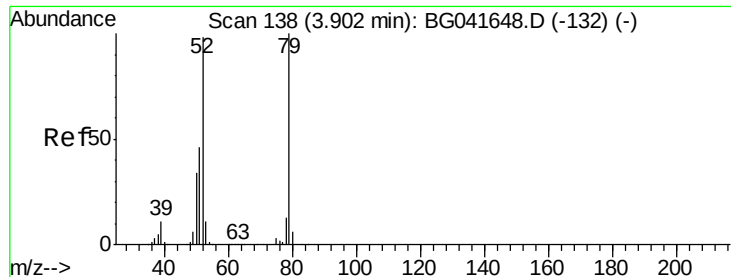
Abundance

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: 37.876 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

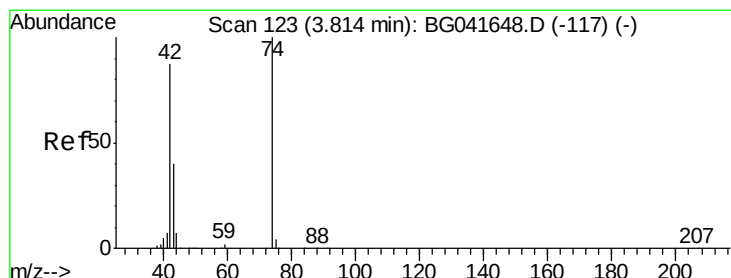
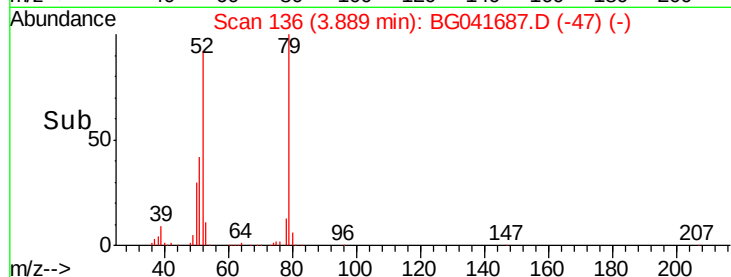
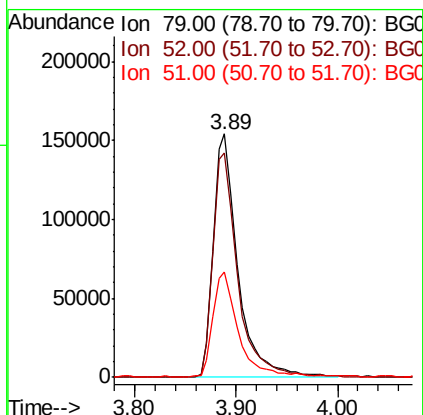
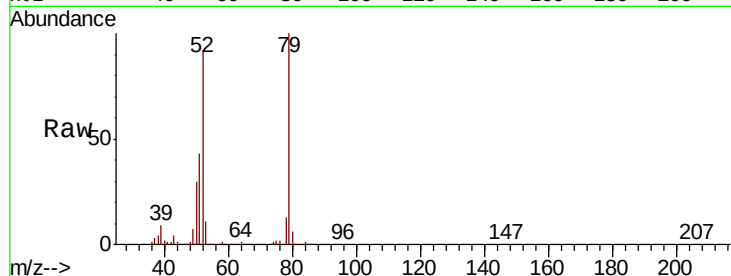
ClientSampleId :

PB121214BS

Tot Ion:	79	Resp:	259668
Ion	Ratio	Lower	Upper
79	100		
52	92.4	77.1	115.7
51	43.2	37.8	56.8

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#4

n-Nitrosodimethylamine

Concen: 41.066 ng

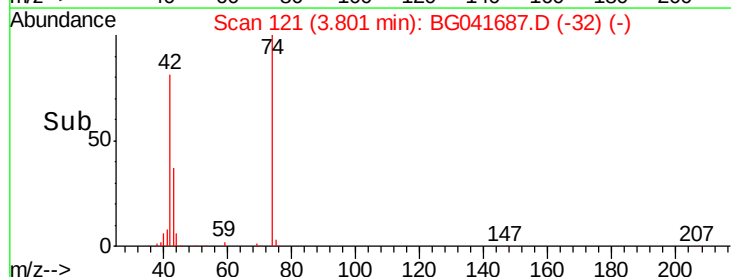
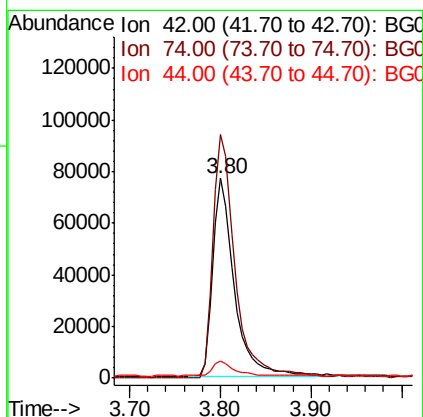
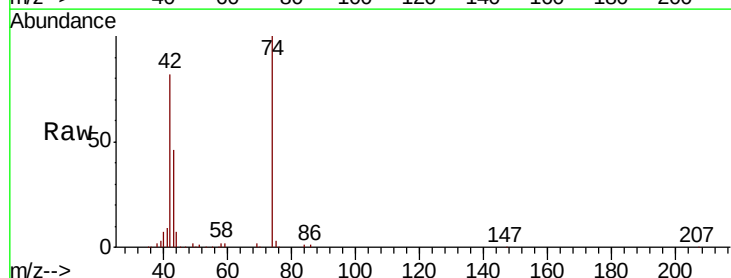
RT: 3.80 min Scan# 121

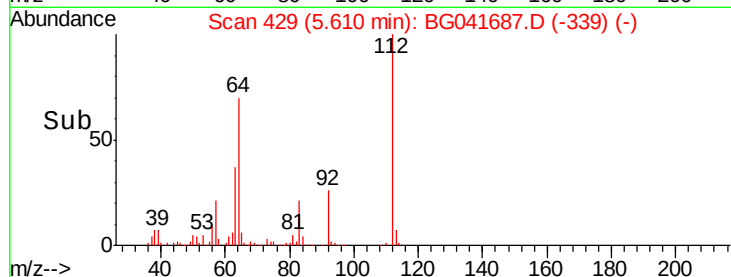
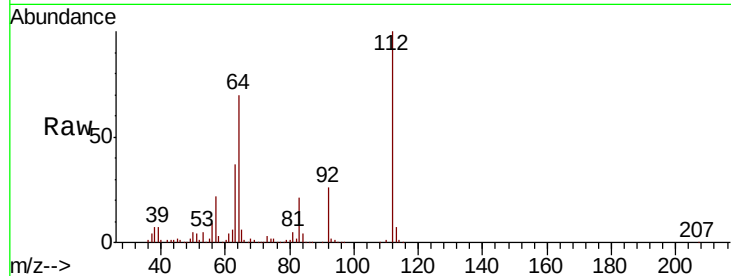
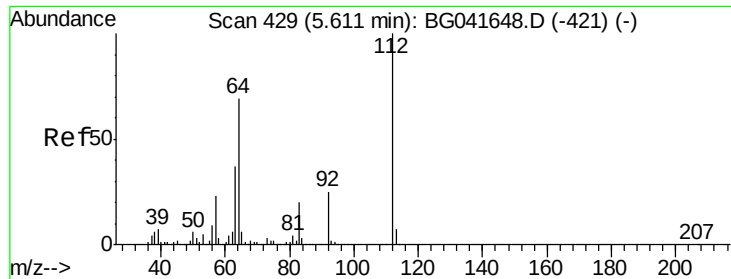
Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Tgt Ion:	42	Resp:	130018
Ion	Ratio	Lower	Upper
42	100		
74	121.9	97.4	146.2
44	8.8	6.6	9.8





#5

2-Fluorophenol

Concen: 136.136 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		736178		
64	69.9	55.4	83.2		
63	36.6	29.1	43.7		

Instrument :

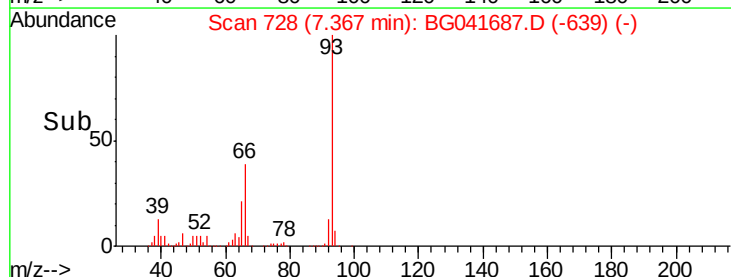
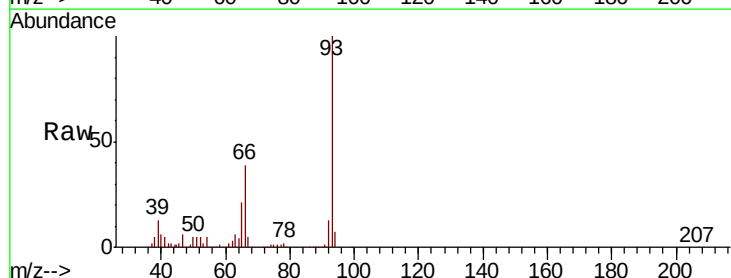
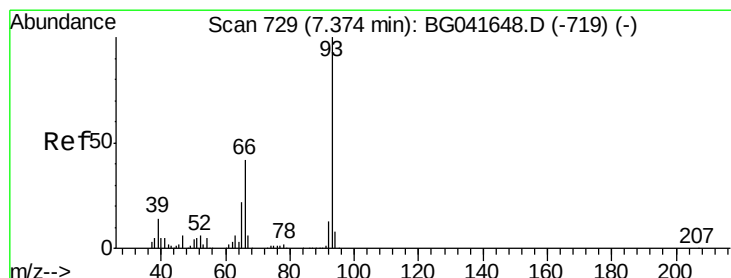
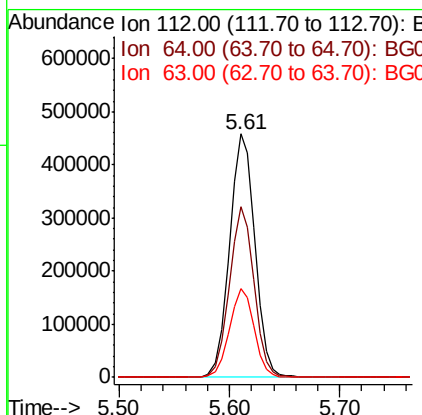
BNA_G

ClientSampleId :

PB121214BS

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#6

Aniline

Concen: 32.916 ng

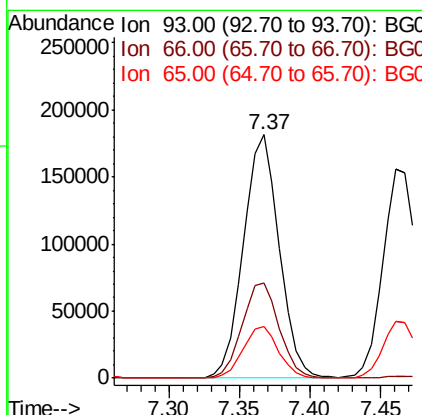
RT: 7.37 min Scan# 728

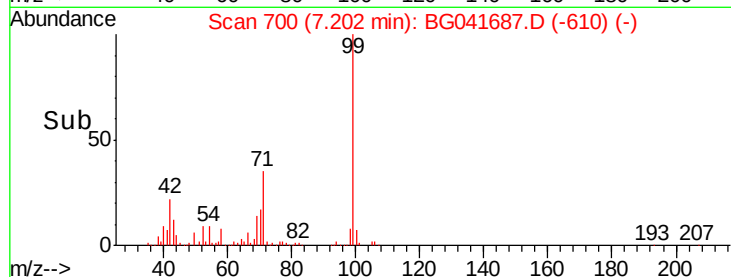
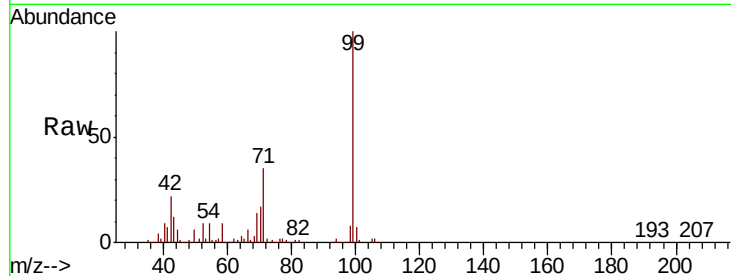
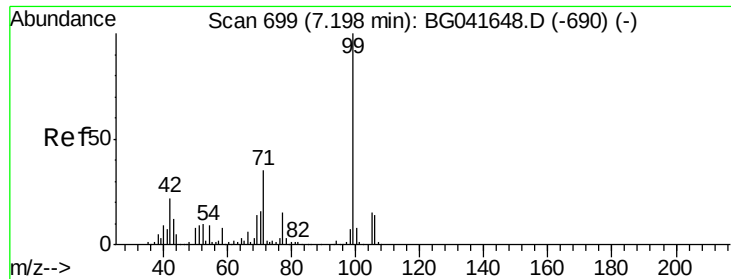
Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		321773		
66	39.2	34.2	51.2		
65	21.0	18.2	27.2		





#7

Phenol-d6

Concen: 131.711 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		958012		
42	21.8	17.6	26.4		
71	35.2	27.8	41.6		

Instrument :

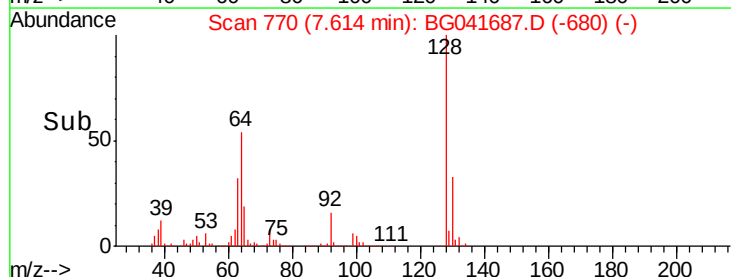
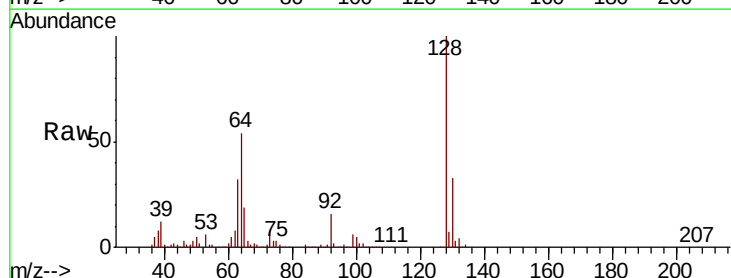
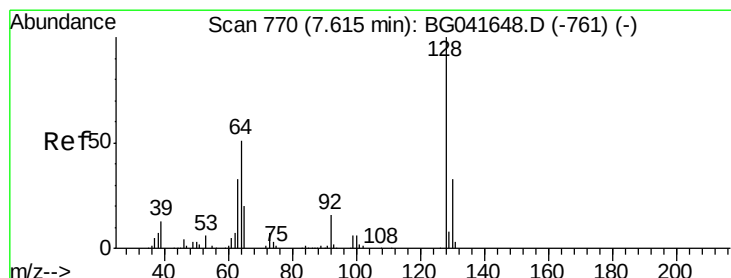
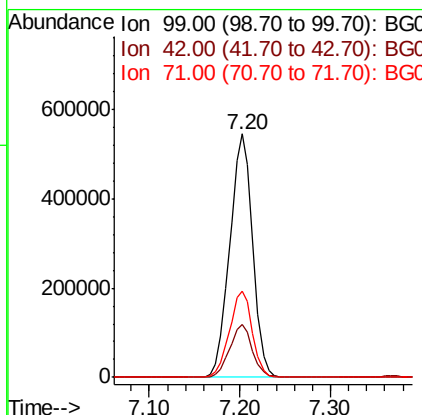
BNA_G

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#8

2-Chlorophenol

Concen: 45.515 ng

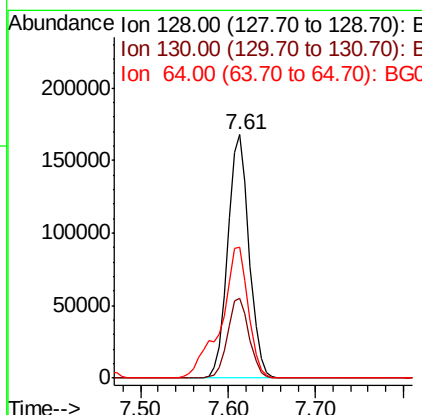
RT: 7.61 min Scan# 770

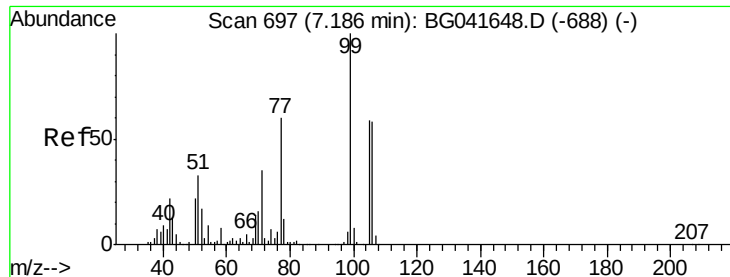
Delta R.T. 0.00 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		278646		
130	32.6	12.4	52.4		
64	53.7	34.9	74.9		





#9

Benzaldehyde

Concen: 46.103 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

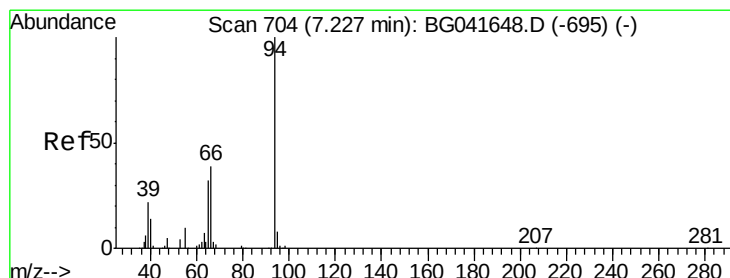
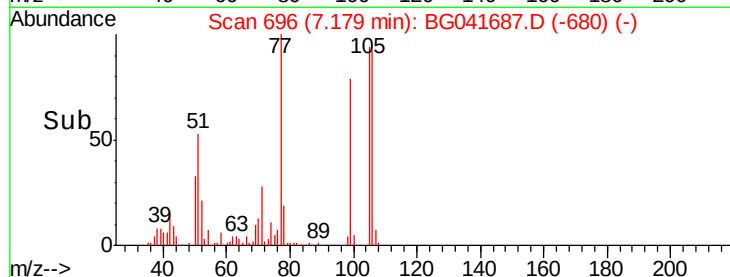
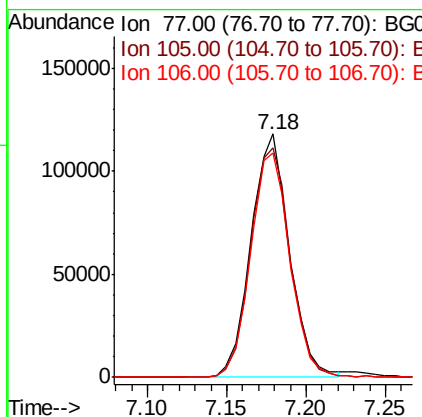
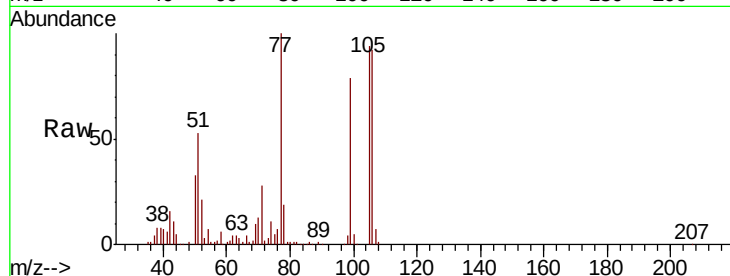
ClientSampleId :

PB121214BS

Tot Ion:	77	Resp:	198455
Ion Ratio	Lower	Upper	
77	100		
105	94.3	74.6	114.6
106	92.4	71.1	111.1

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#10

Phenol

Concen: 45.028 ng

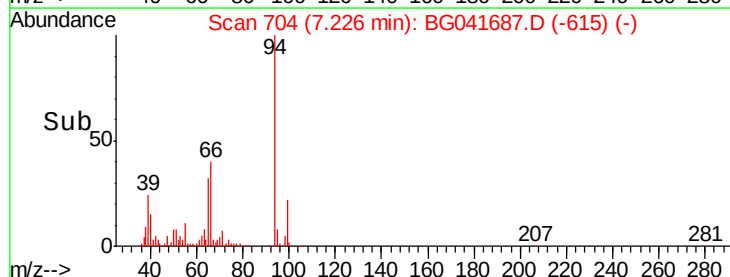
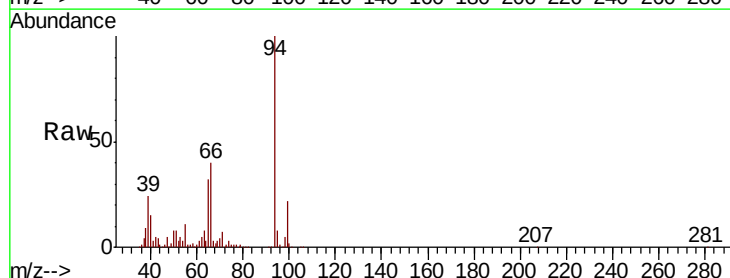
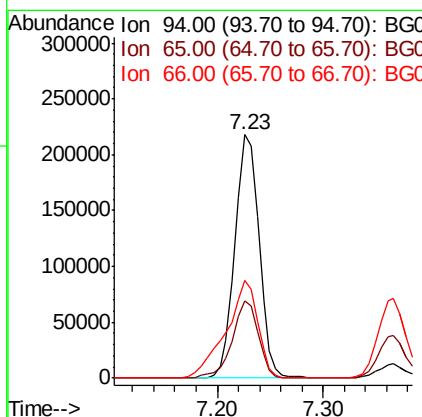
RT: 7.23 min Scan# 704

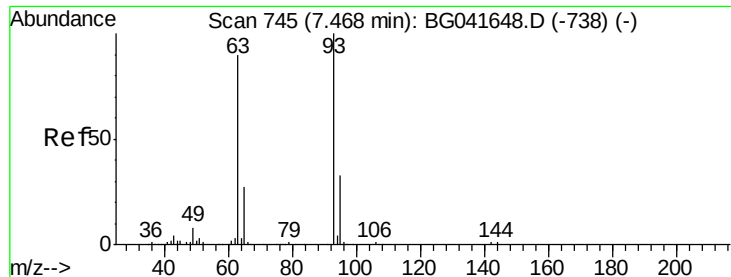
Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Tgt Ion:	94	Resp:	345059
Ion Ratio	Lower	Upper	
94	100		
65	31.6	10.6	50.6
66	40.3	18.2	58.2





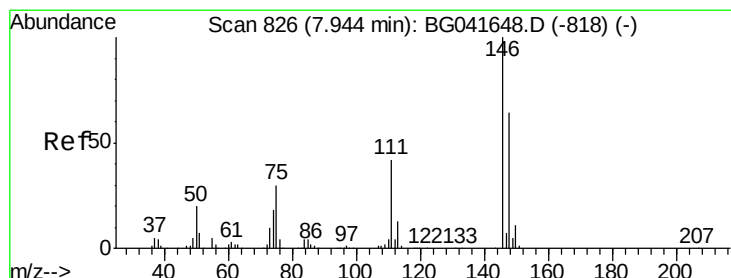
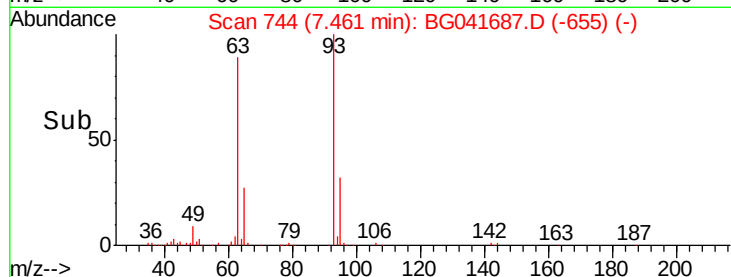
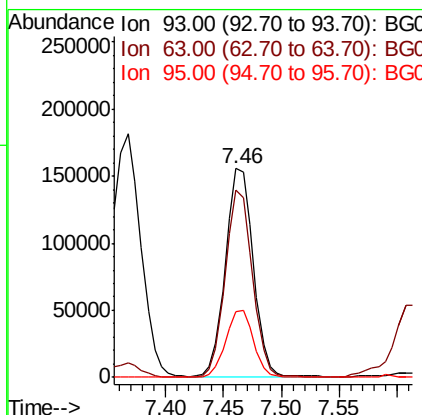
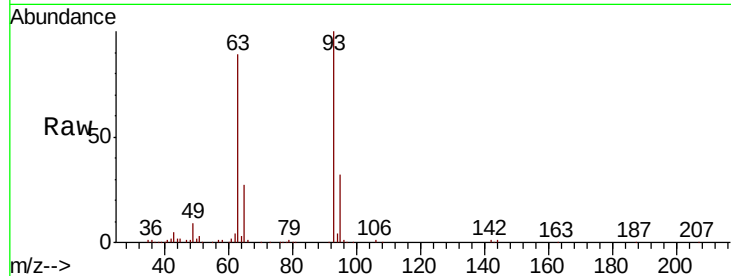
#11
bis(2-Chloroethyl)ether
Concen: 42.341 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.4	70.4	110.4
95	31.6	12.8	52.8

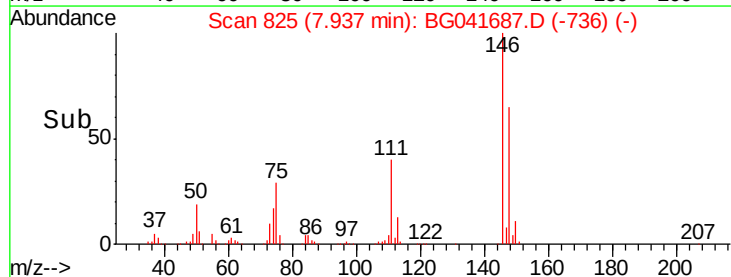
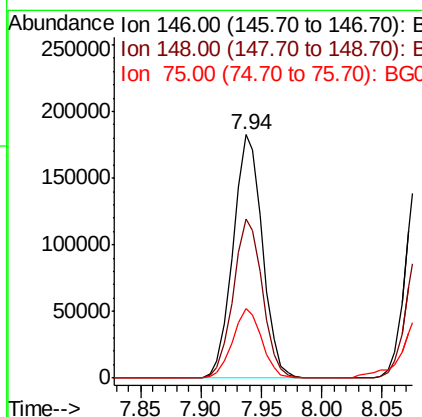
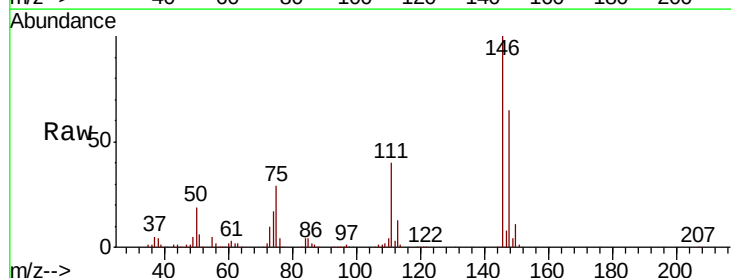
Manual Integrations
APPROVED

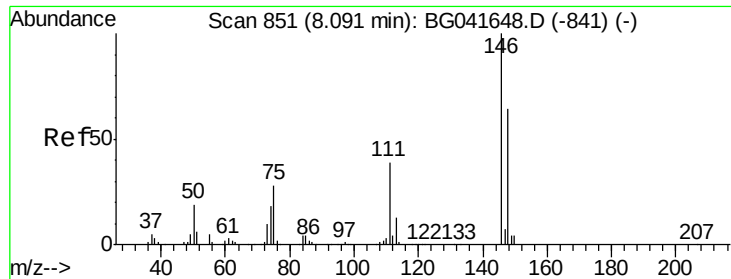
mohammad
7/19/2019 2:24:44 PM



#12
1,3-Dichlorobenzene
Concen: 42.322 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.5	77.3
75	28.8	23.2	34.8





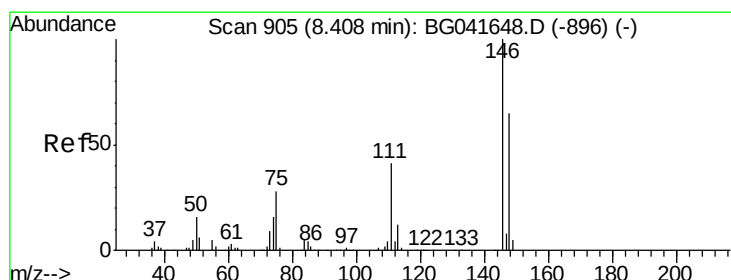
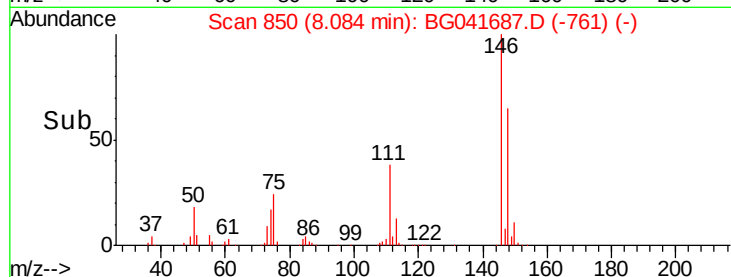
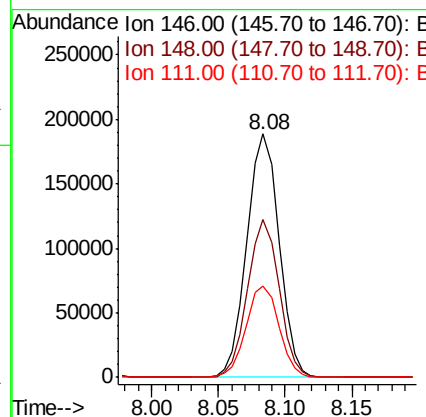
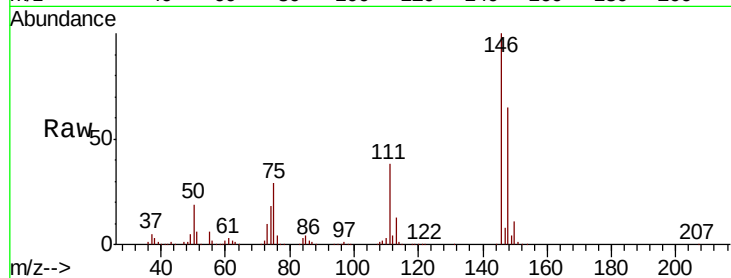
#13
 1,4-Dichlorobenzene
 Concen: 43.104 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.6	79.0
111	37.7	32.5	48.7

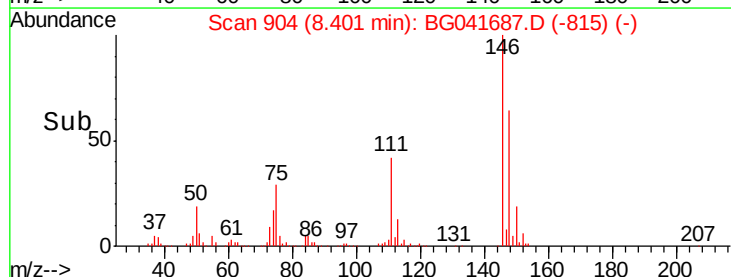
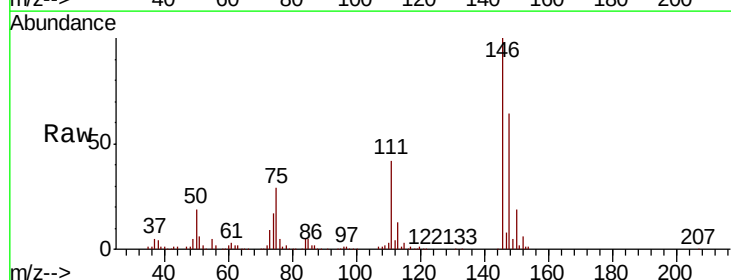
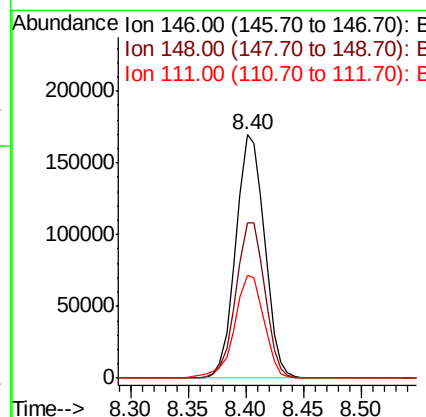
Manual Integrations
 APPROVED

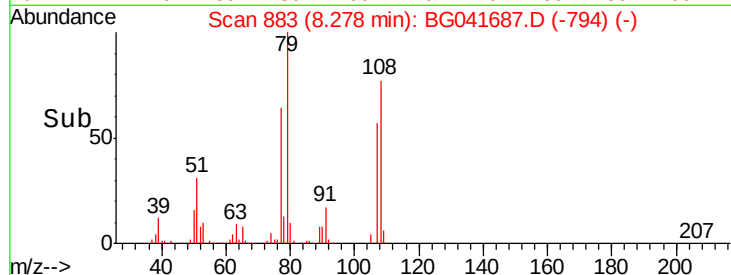
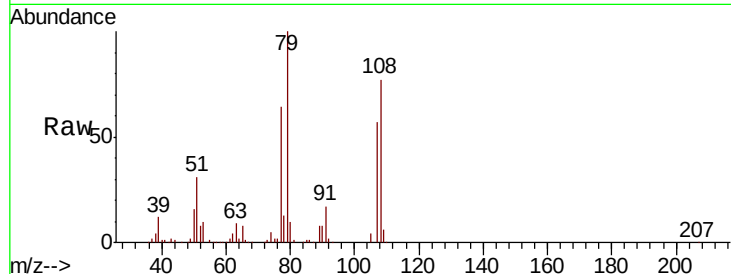
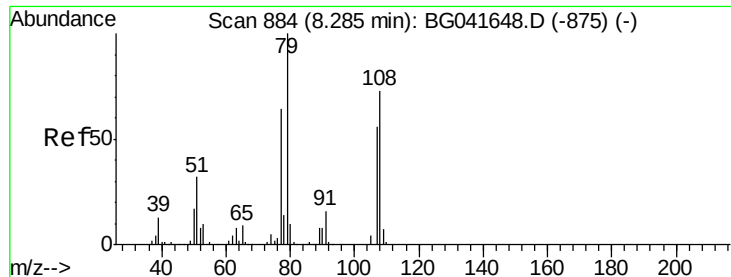
mohammad
 7/19/2019 2:24:44 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.495 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.5	80.3
111	42.3	35.4	53.0





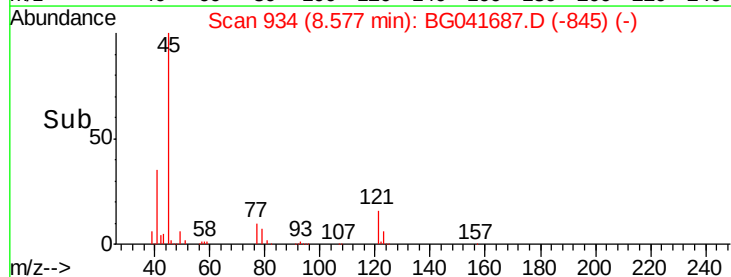
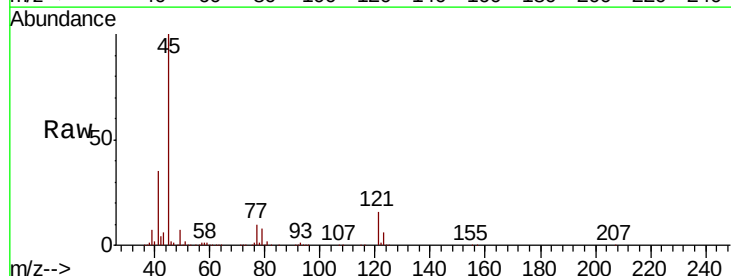
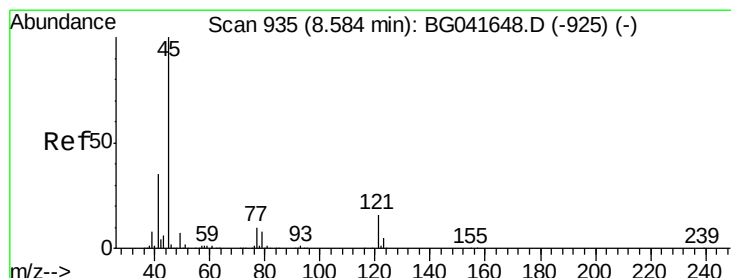
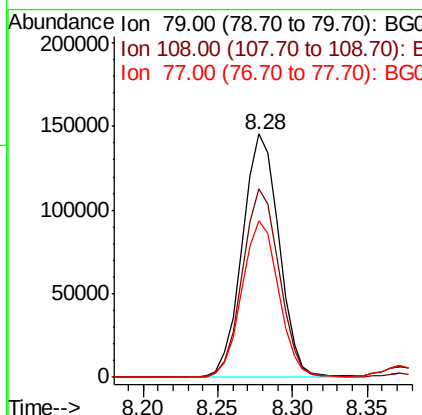
#15
Benzyl Alcohol
Concen: 42.823 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	77.2	60.5	90.7	
77	64.2	50.6	75.8	

Instrument :
BNA_G
ClientSampleId :
PB121214BS

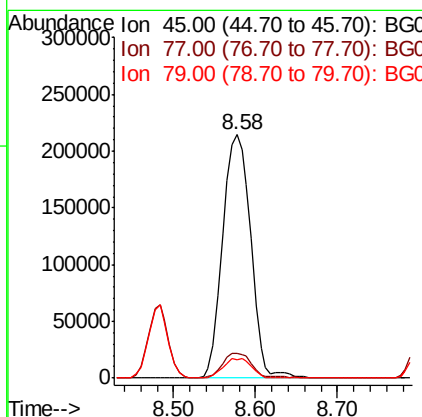
Manual Integrations
APPROVED

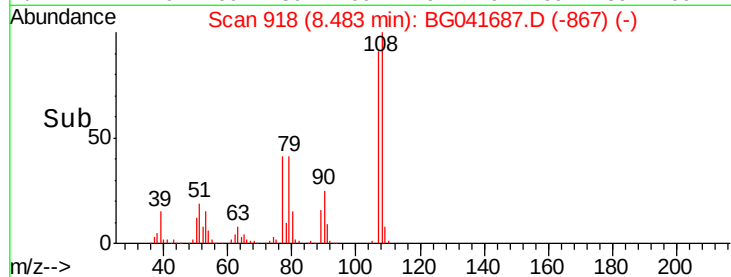
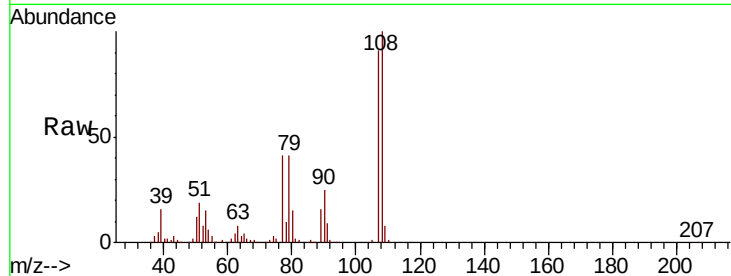
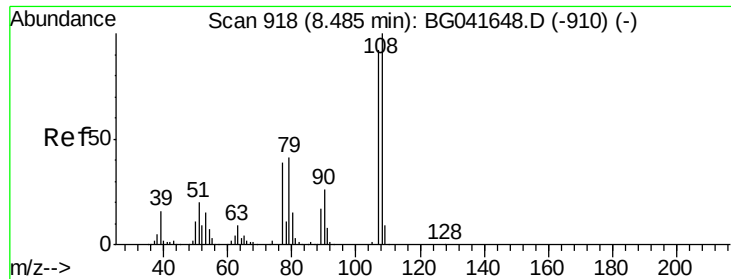
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.089 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	10.2	0.0	30.4	
79	7.6	0.0	27.9	





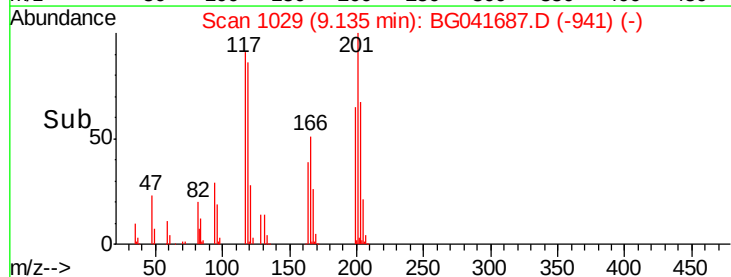
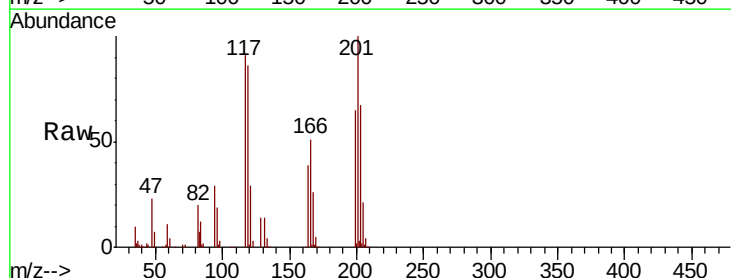
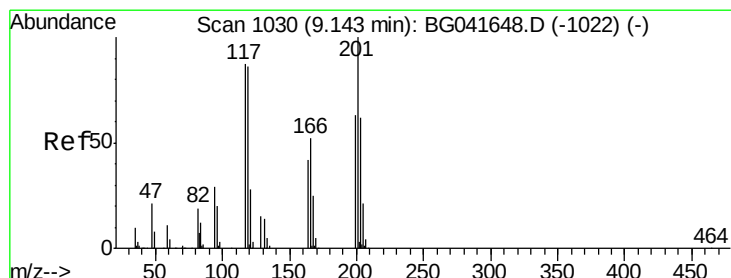
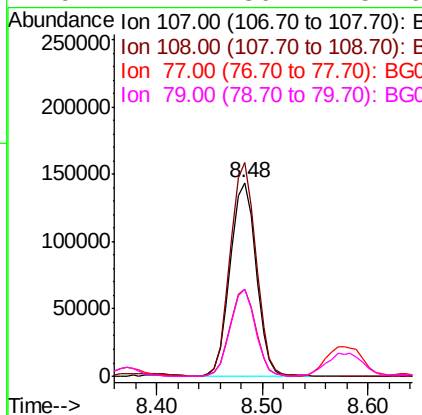
#17
2-Methylphenol
Concen: 46.247 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	245089		
108	108.00	110.2		87.6	131.4
77	77.00	45.2		36.1	54.1
79	79.00	44.7		36.4	54.6

Instrument :
BNA_G
ClientSampleId :
PB121214BS

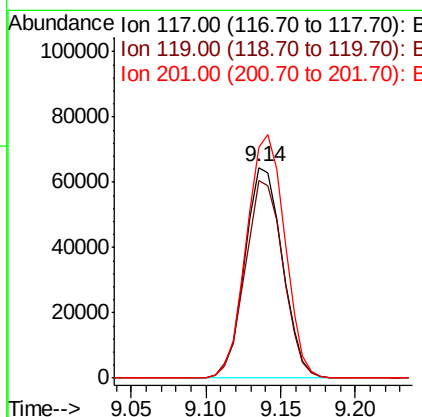
Manual Integrations
APPROVED

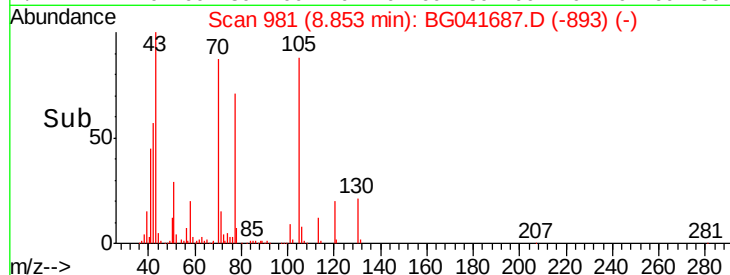
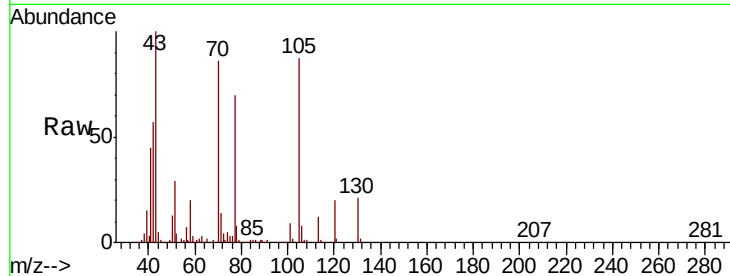
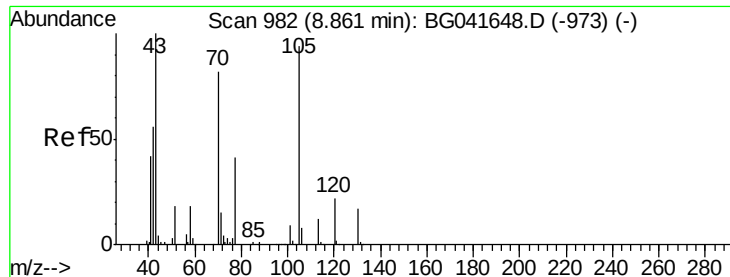
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#18
Hexachloroethane
Concen: 41.945 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	112390		
119	119.00	93.9		76.2	114.2
201	201.00	109.5		94.1	141.1





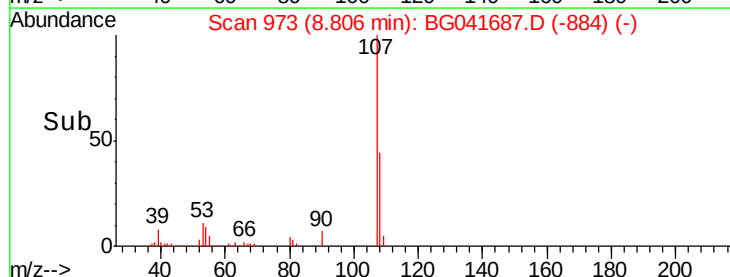
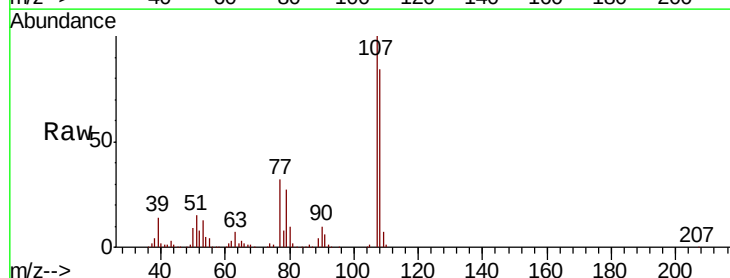
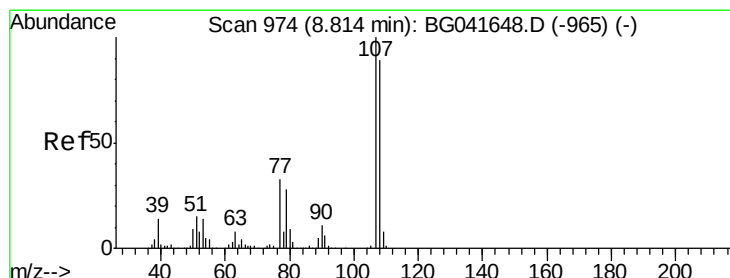
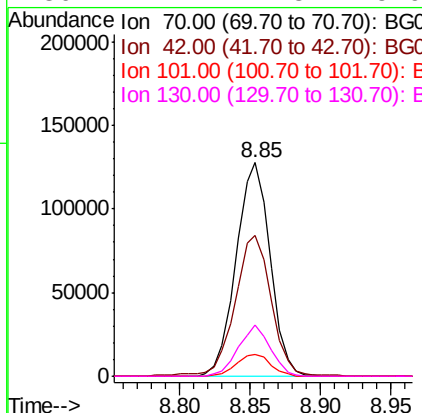
#19
n-Nitroso-di-n-propylamine
Concen: 40.442 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.9	55.8	83.6
101	10.0	8.1	12.1
130	24.1	17.3	25.9

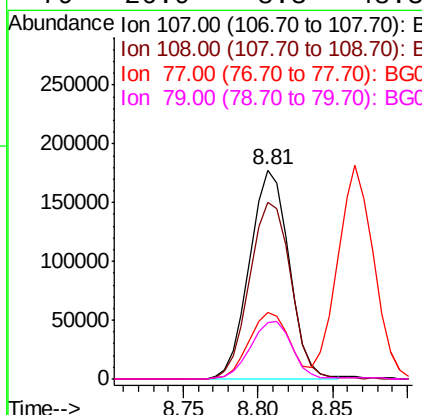
Manual Integrations
APPROVED

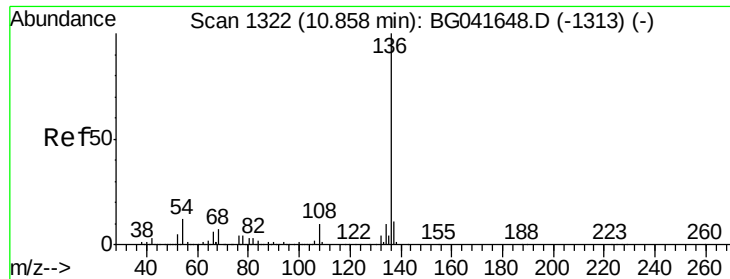
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#20
3+4-Methylphenols
Concen: 44.865 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.5	67.5	107.5
77	31.6	12.3	52.3
79	26.9	8.3	48.3





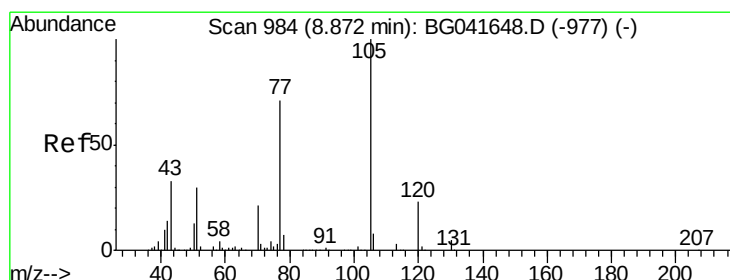
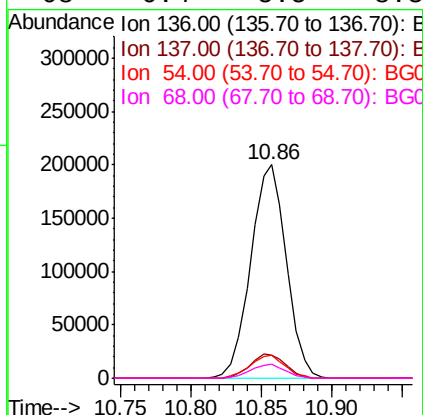
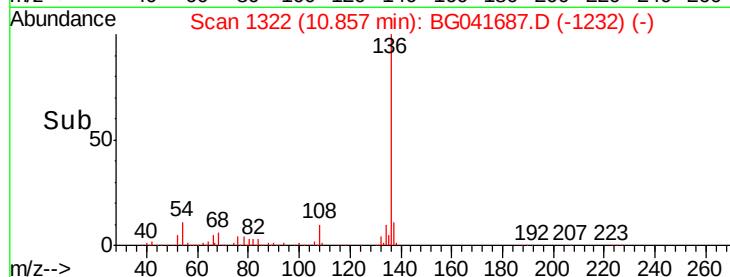
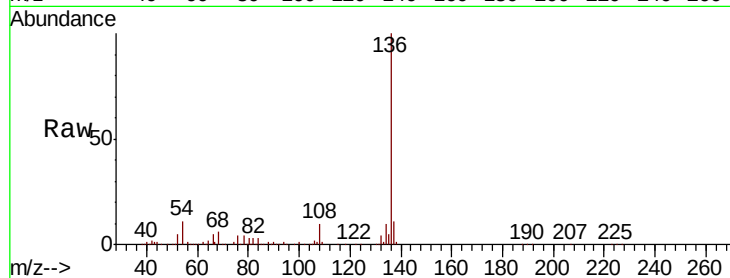
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		354802		
137	10.6	9.2	13.8		
54	10.6	8.7	13.1		
68	6.4	5.5	8.3		

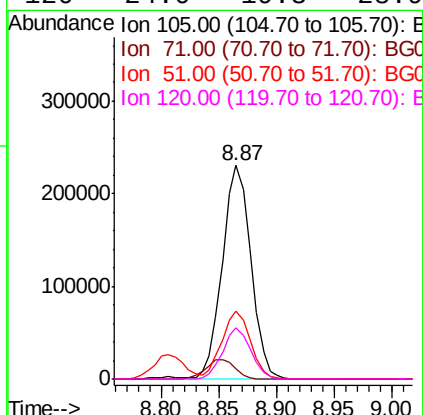
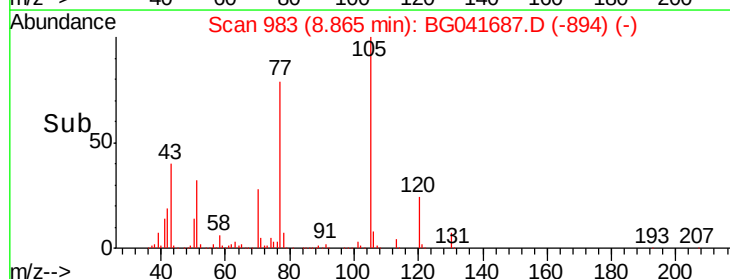
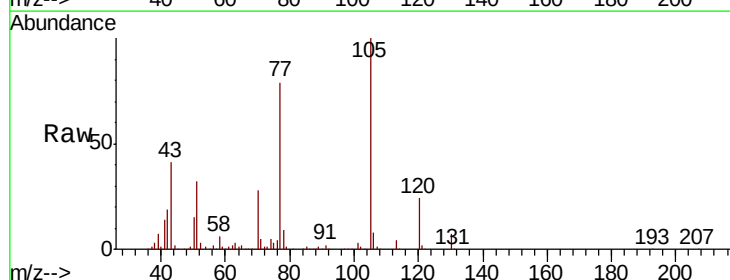
Manual Integrations
APPROVED

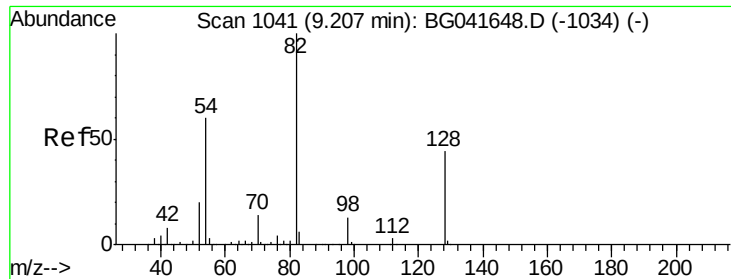
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#22
Acetophenone
Concen: 45.796 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		395742		
71	4.6	5.9	8.9#		
51	31.8	27.7	41.5		
120	24.0	19.3	28.9		





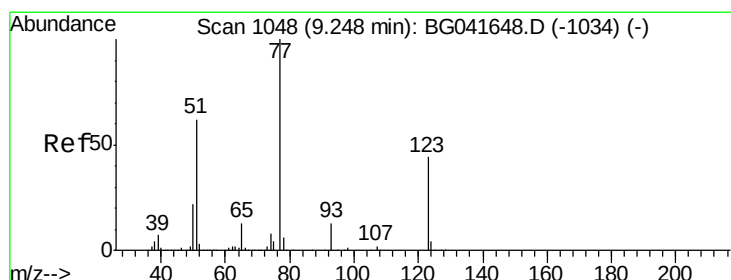
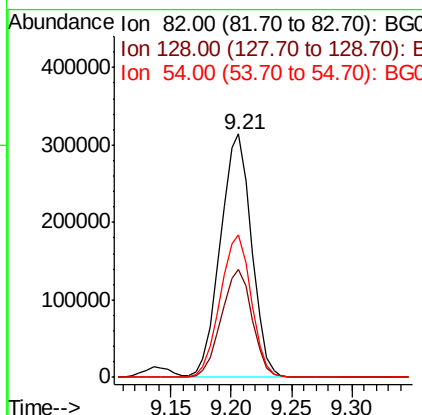
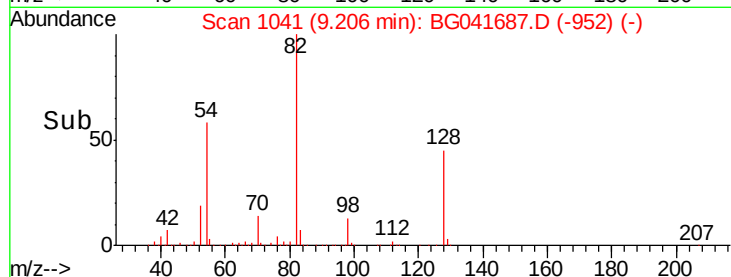
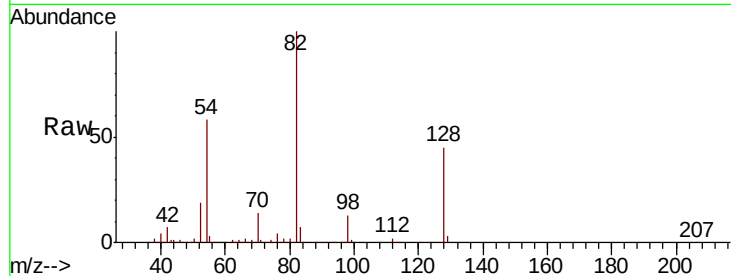
#23
 Nitrobenzene-d5
 Concen: 96.352 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.1	52.7
54	58.4	48.7	73.1

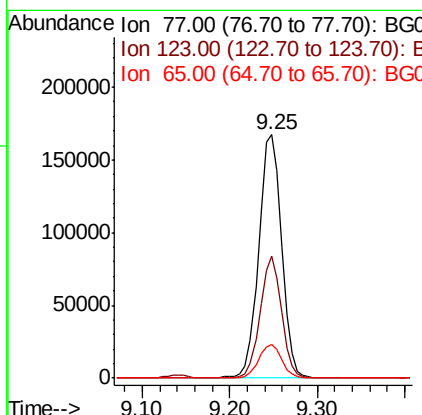
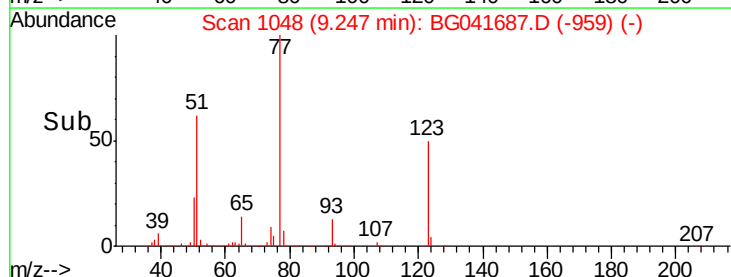
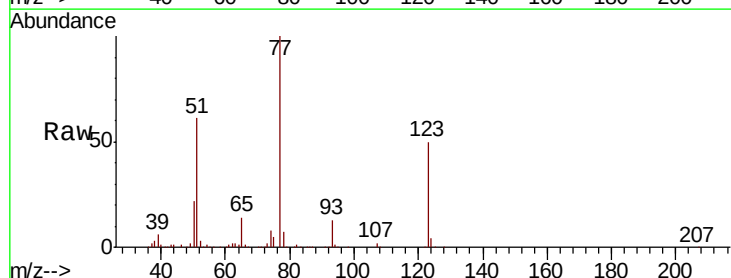
Manual Integrations
 APPROVED

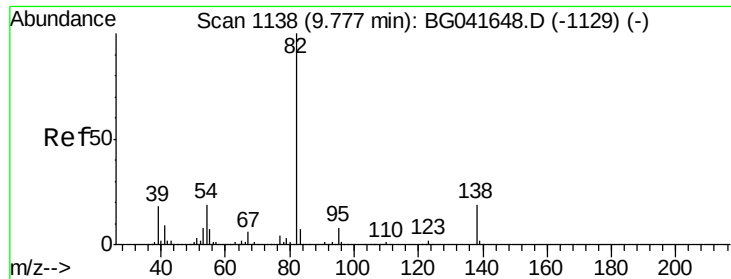
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#24
 Nitrobenzene
 Concen: 47.174 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	38.1	57.1
65	13.9	11.0	16.6





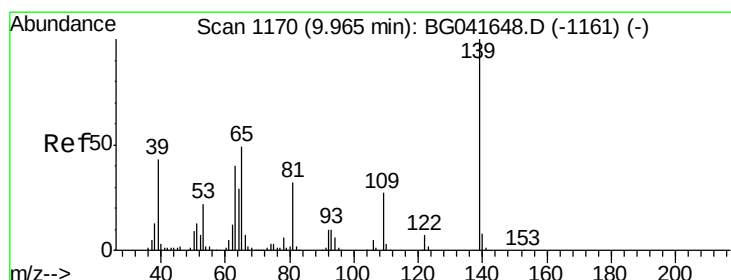
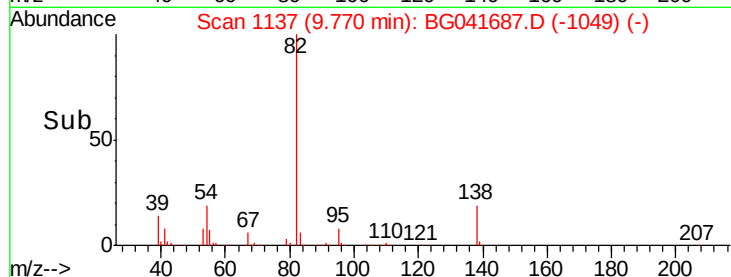
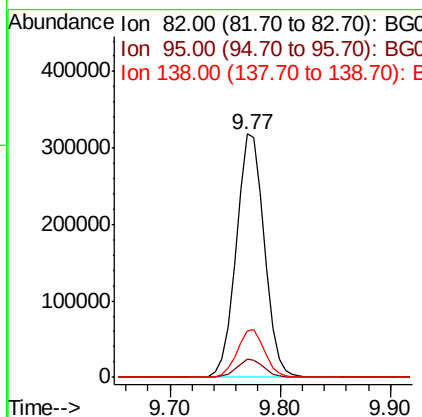
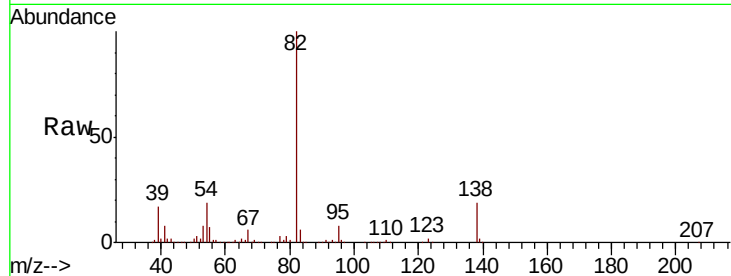
#25
Isophorone
Concen: 44.529 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion	82	Resp	568862
Ion Ratio	100	Lower	Upper
82	100		
95	7.6	5.9	8.9
138	19.3	16.3	24.5

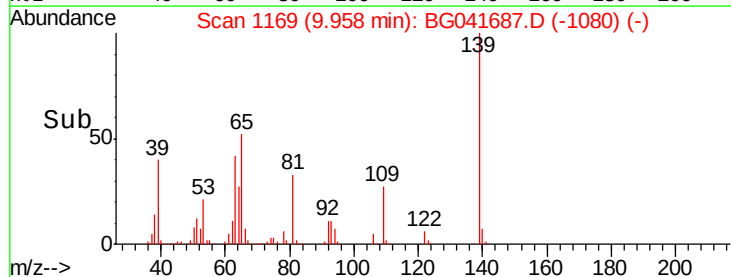
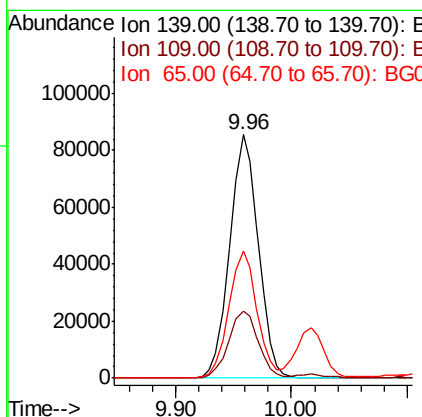
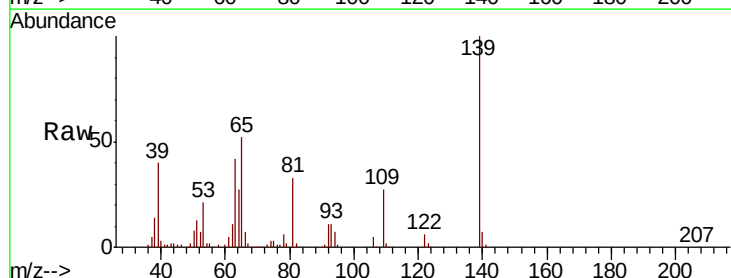
Manual Integrations
APPROVED

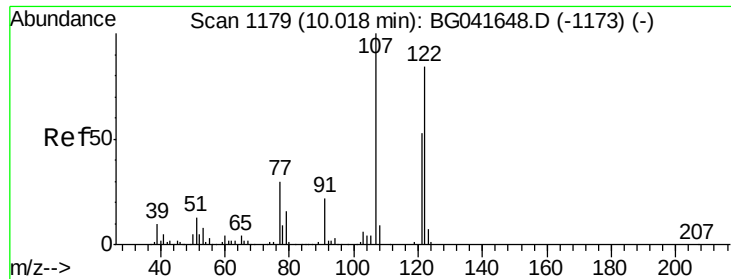
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#26
2-Nitrophenol
Concen: 49.950 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	139	Resp	146445
Ion Ratio	100	Lower	Upper
139	100		
109	27.4	22.7	34.1
65	52.0	41.1	61.7





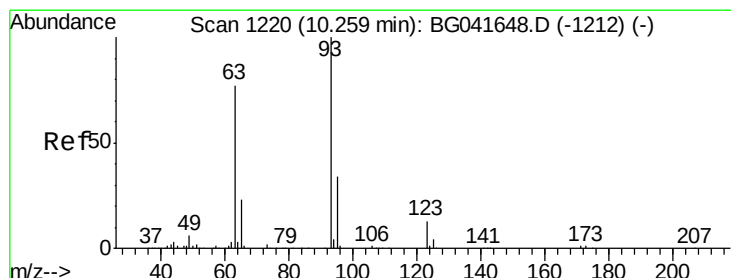
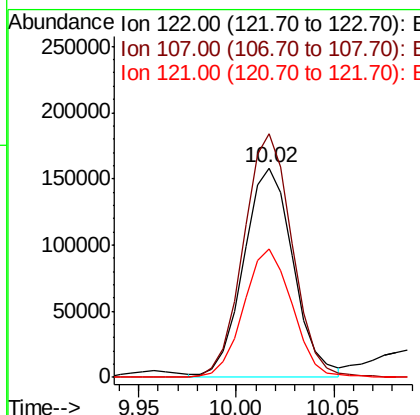
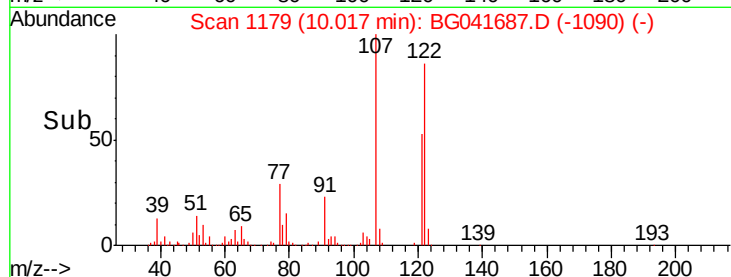
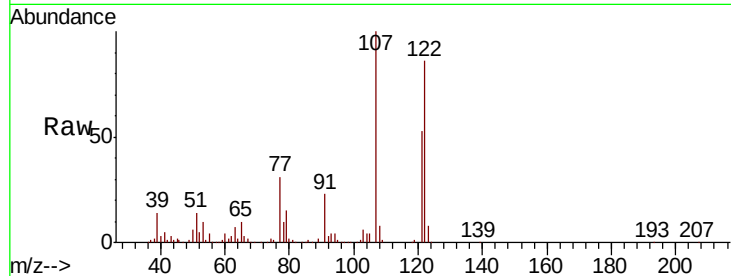
#27
 2,4-Dimethylphenol
 Concen: 54.897 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.4	91.3	136.9
121	61.4	49.2	73.8

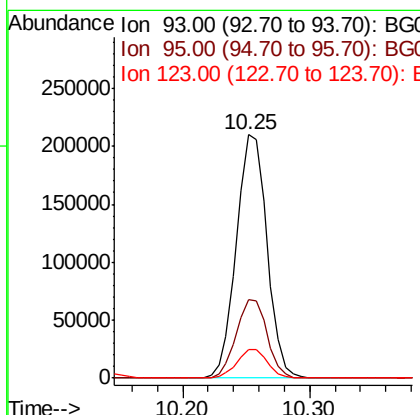
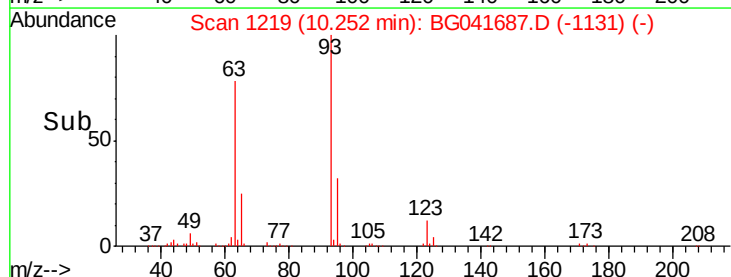
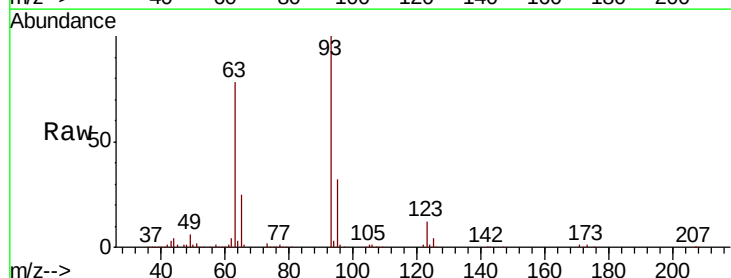
Manual Integrations
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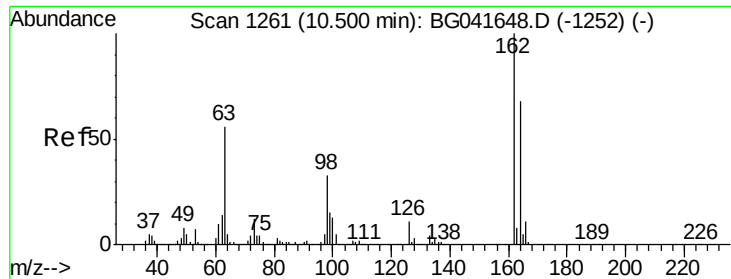
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.641 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.4
123	11.8	9.9	14.9





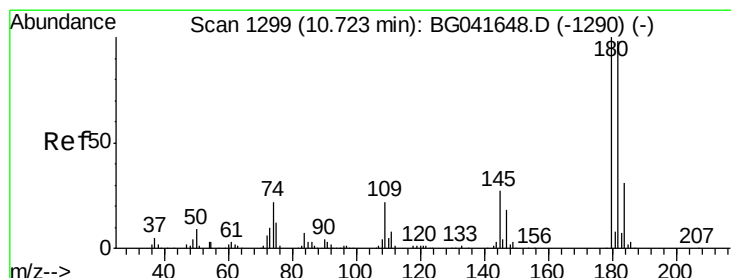
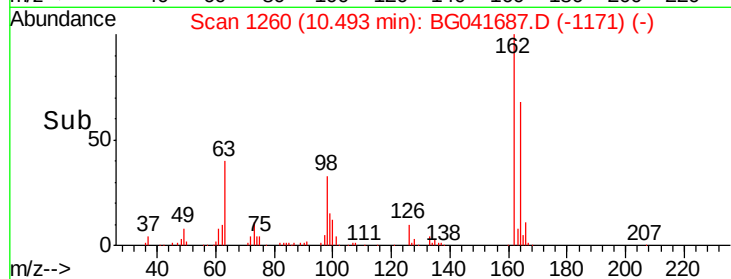
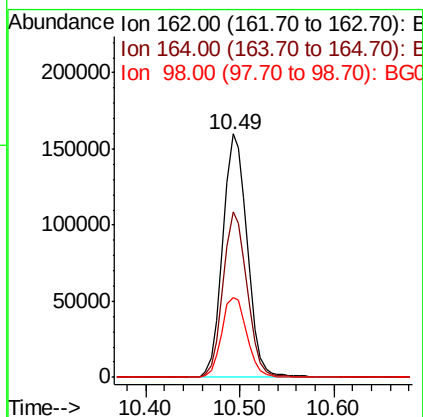
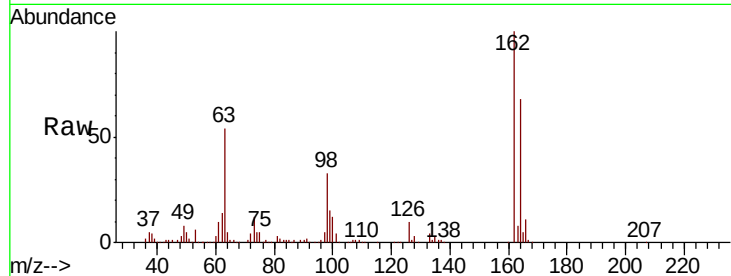
#29
2,4-Dichlorophenol
Concen: 50.251 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	289594		
164	67.9	46.1	86.1	
98	33.0	14.7	54.7	

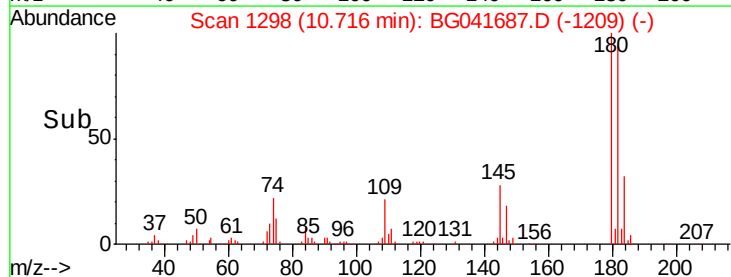
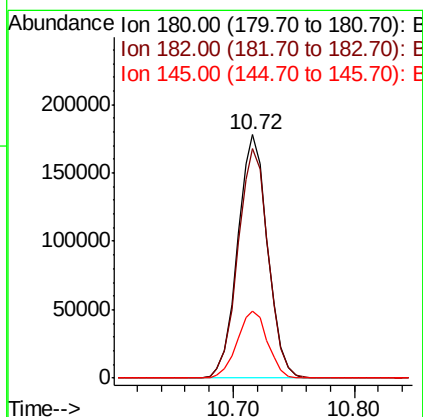
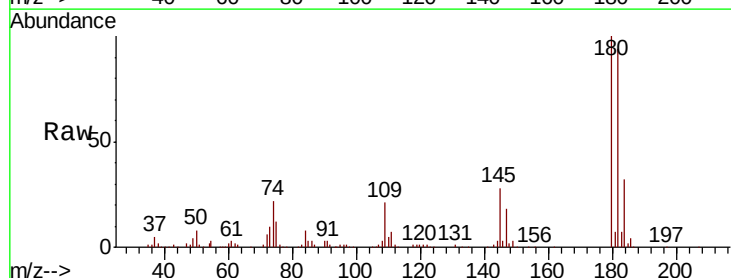
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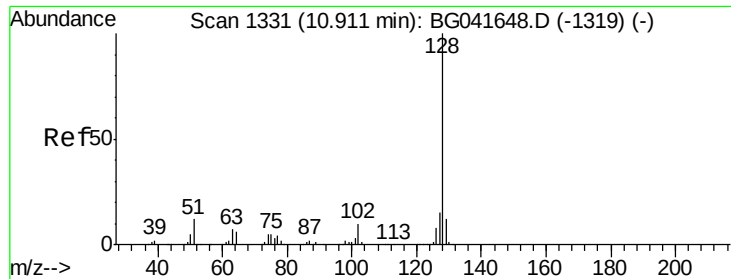
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#30
1,2,4-Trichlorobenzene
Concen: 45.247 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	306168		
182	94.1	76.2	114.2	
145	27.6	23.8	35.8	





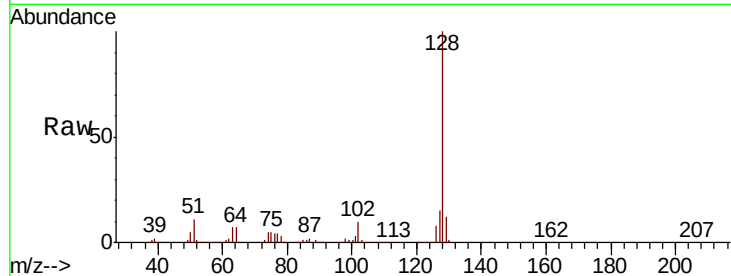
#31
Naphthalene
Concen: 46.286 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	10.0	15.0
127	14.9	12.3	18.5

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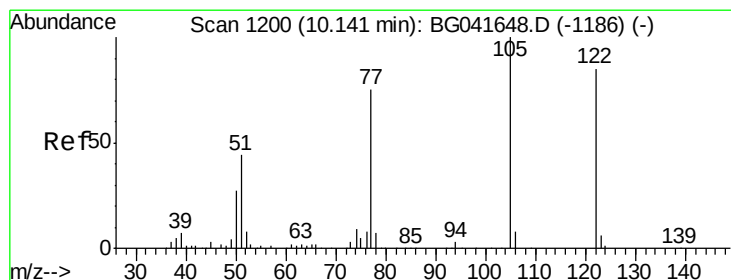
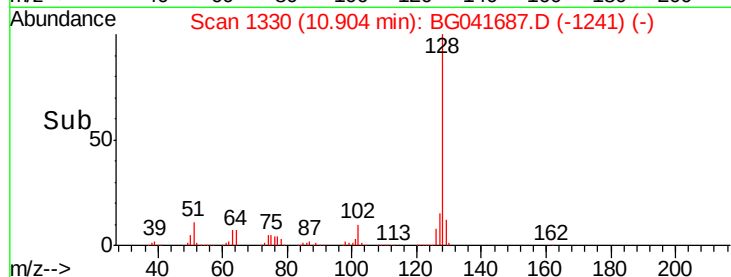
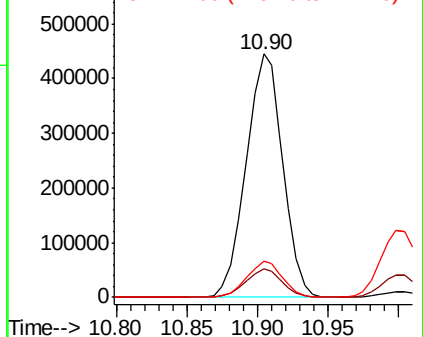


Abundance

Ion 128.00 (127.70 to 128.70): E

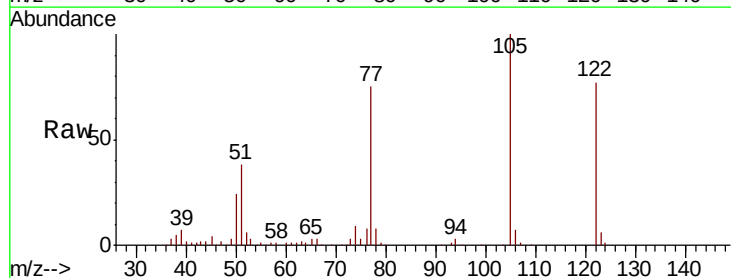
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 47.868 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.03 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.5	101.5	141.5
77	96.6	73.0	113.0

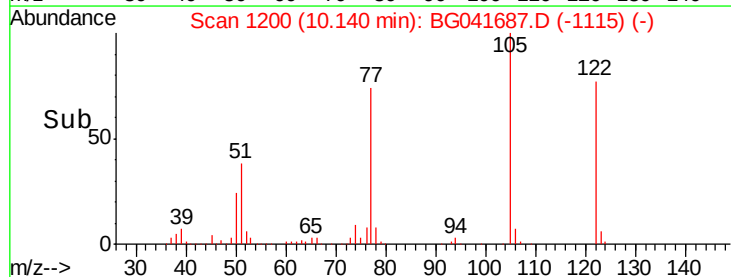
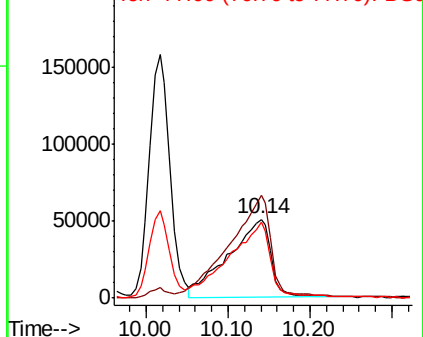


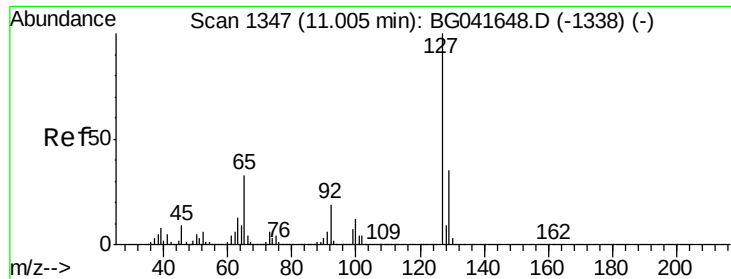
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





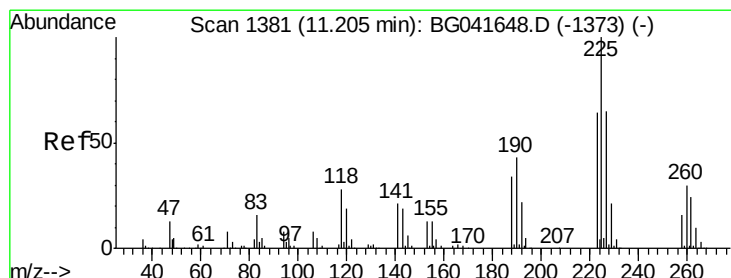
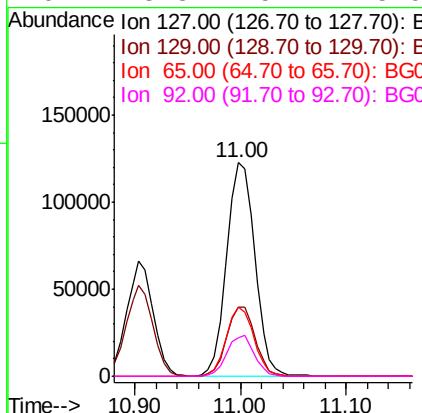
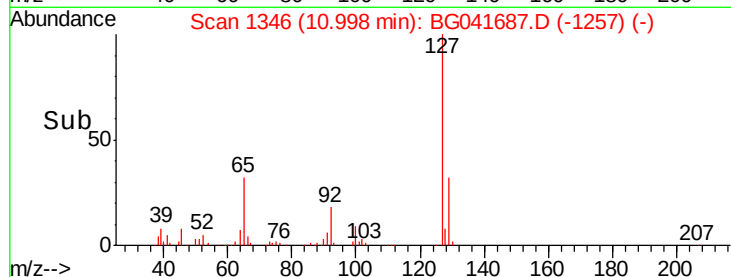
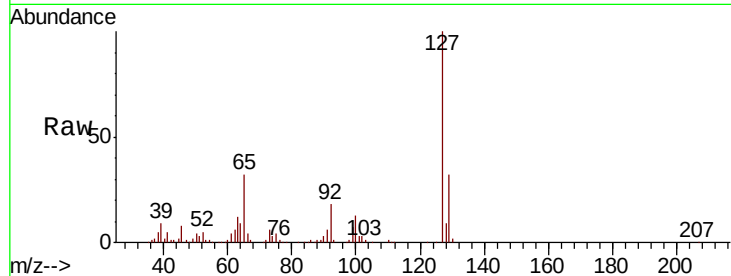
#33
4-Chloroaniline
Concen: 28.019 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	25.8	38.8	
65	32.4	26.7	40.1	
92	18.3	15.4	23.0	

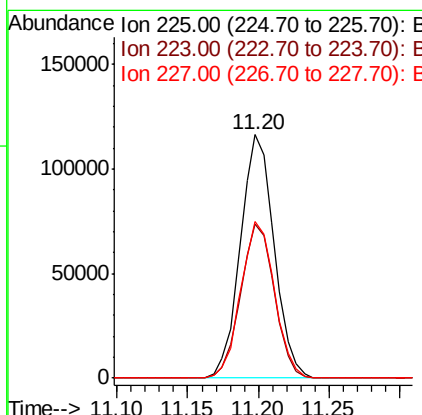
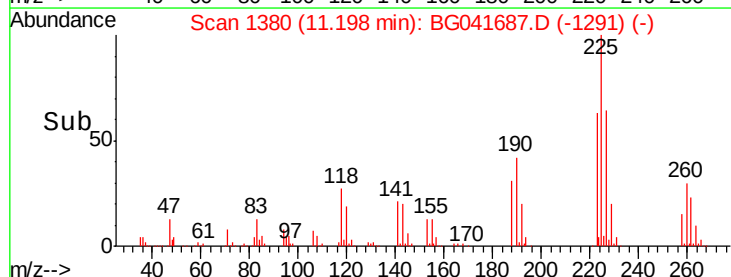
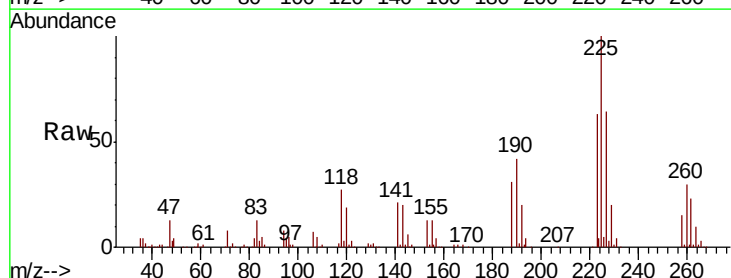
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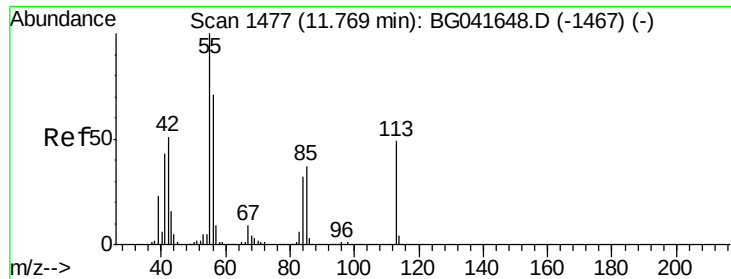
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#34
Hexachlorobutadiene
Concen: 44.661 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	51.1	76.7	
227	64.1	50.9	76.3	





#35

Caprolactam

Concen: 47.478 ng/ml

RT: 11.76 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

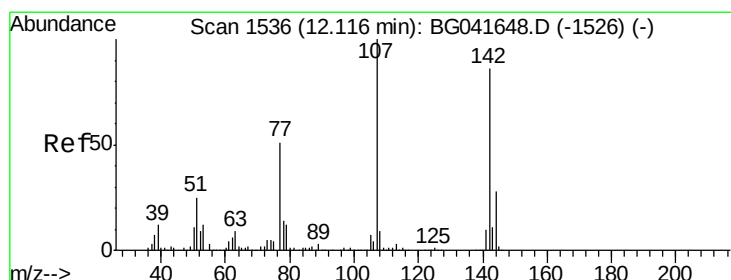
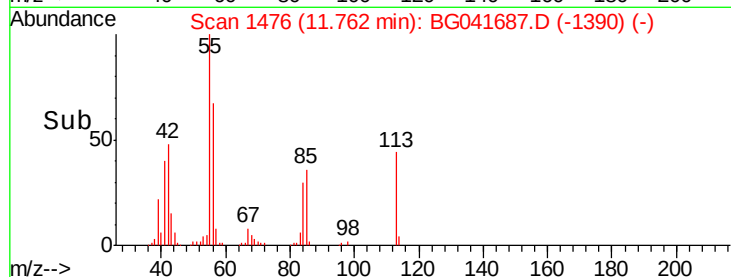
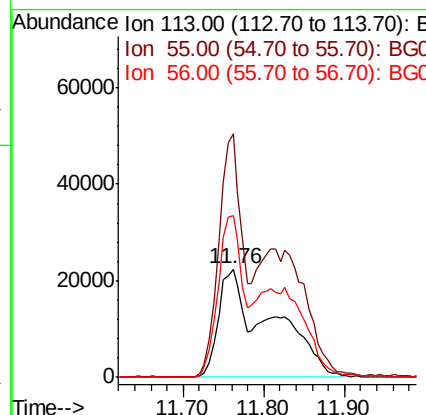
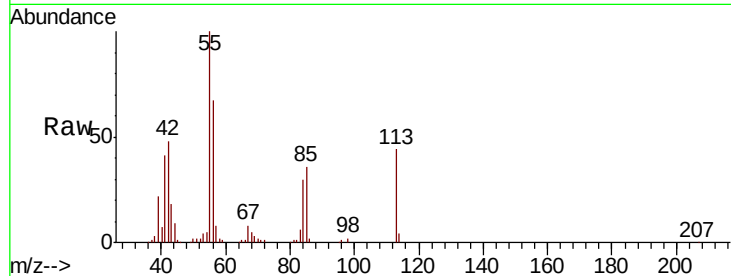
ClientSampleId :

PB121214BS

Tot Ion:	113	Resp:	100569
Ion	Ratio	Lower	Upper
113	100		
55	225.6	199.4	239.4
56	150.1	133.6	173.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 48.479 ng/ml

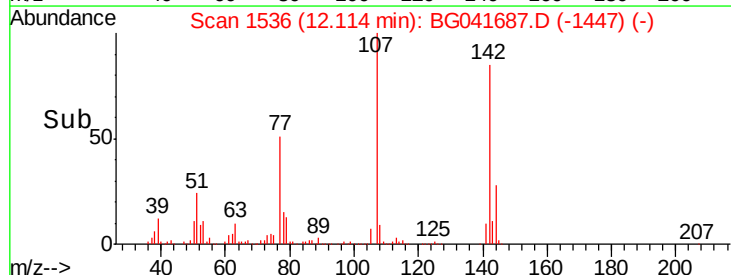
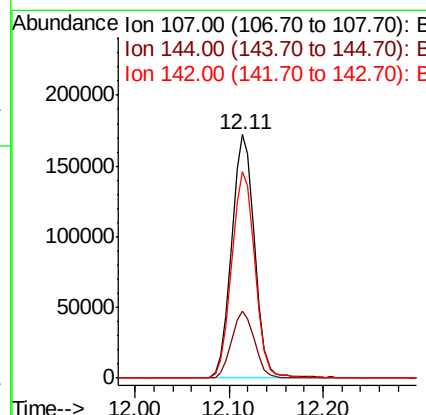
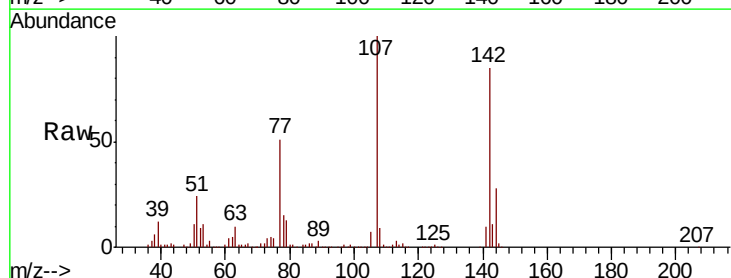
RT: 12.11 min Scan# 1536

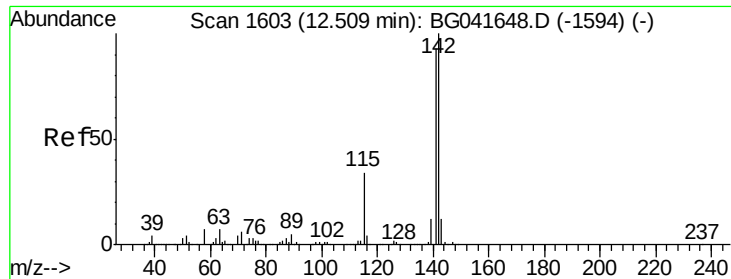
Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Tgt Ion:	107	Resp:	292683
Ion	Ratio	Lower	Upper
107	100		
144	27.8	22.2	33.2
142	84.6	67.3	100.9





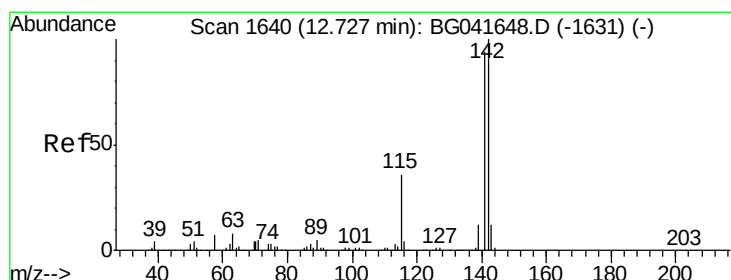
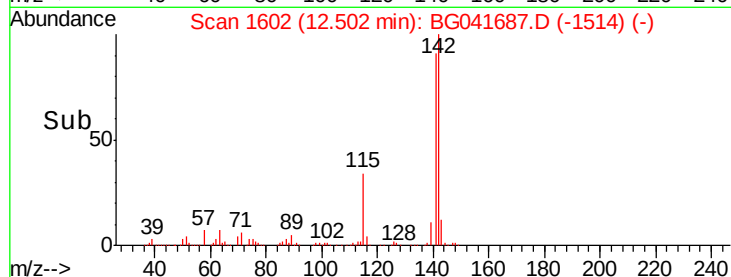
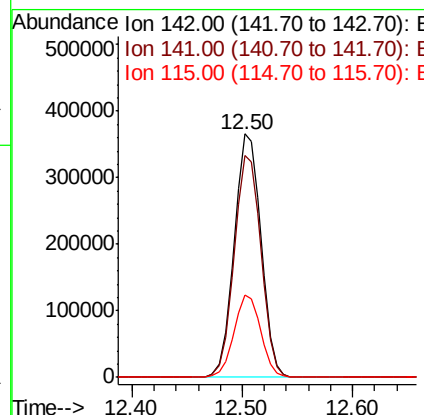
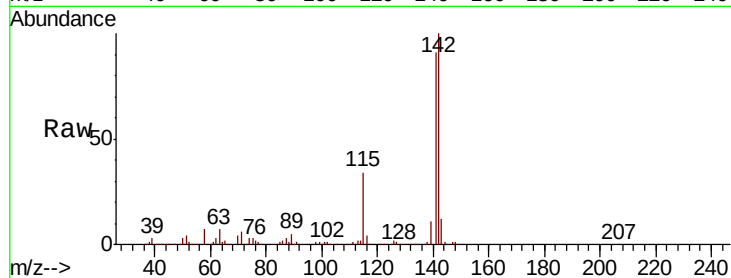
#37
2-Methylnaphthalene
Concen: 46.839 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.7	109.1
115	33.6	27.0	40.4

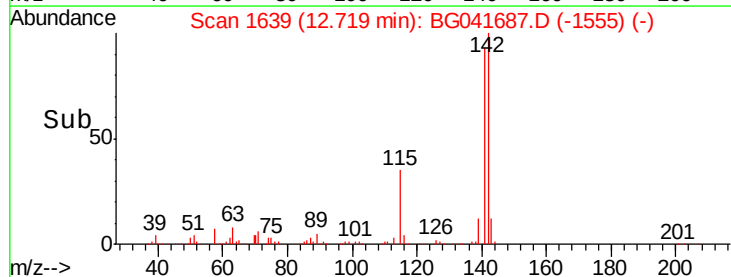
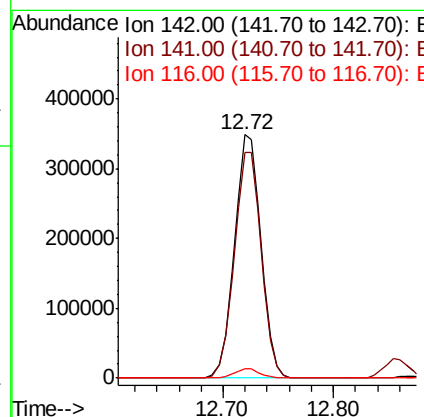
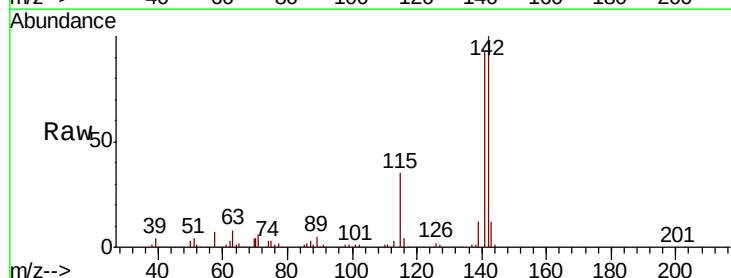
Manual Integrations
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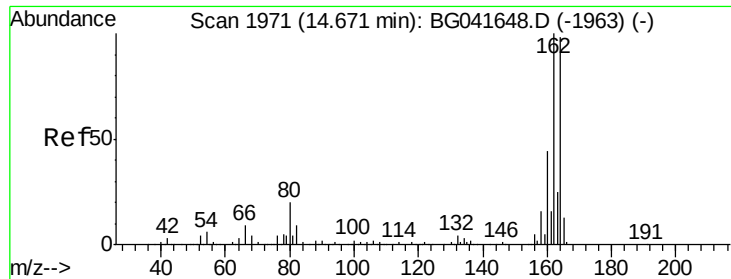
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#38
1-Methylnaphthalene
Concen: 46.194 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	75.4	113.2
116	3.9	3.2	4.8





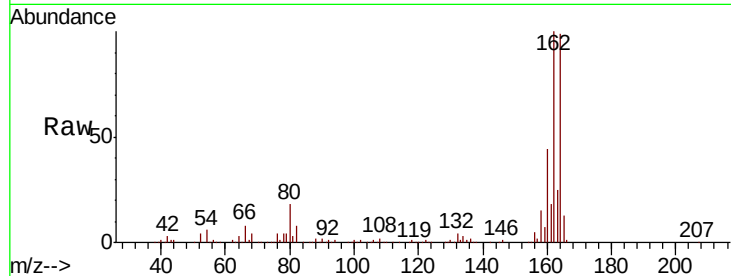
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.5	79.6	119.4	
160	44.2	35.4	53.0	

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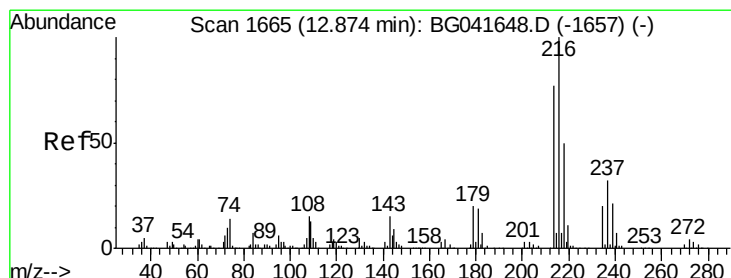
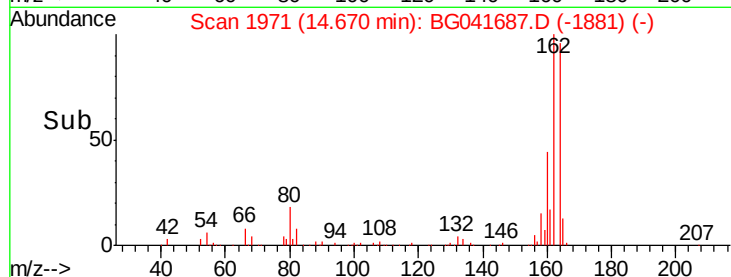
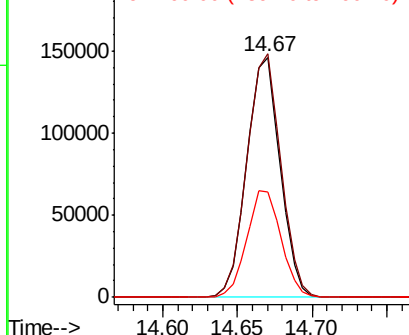


Abundance

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: 45.787 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	76.1	61.5	92.3	
179	19.2	16.2	24.2	
108	17.0	13.2	19.8	

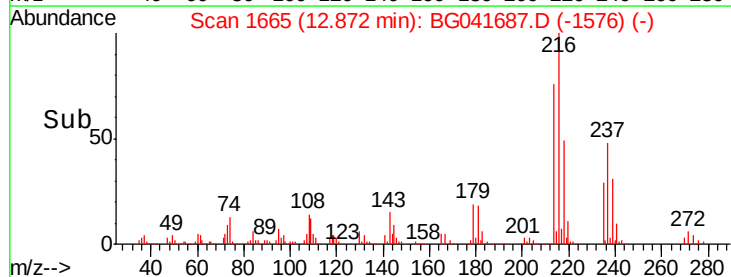
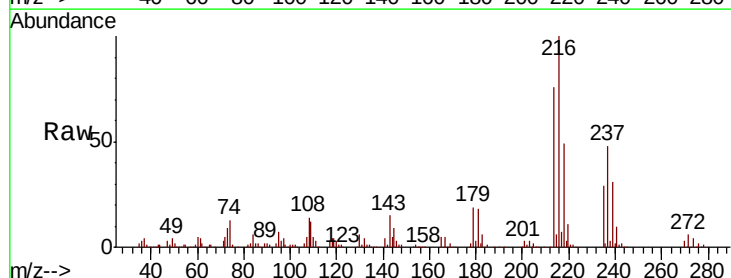
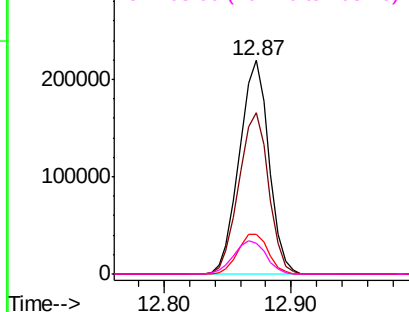
Abundance

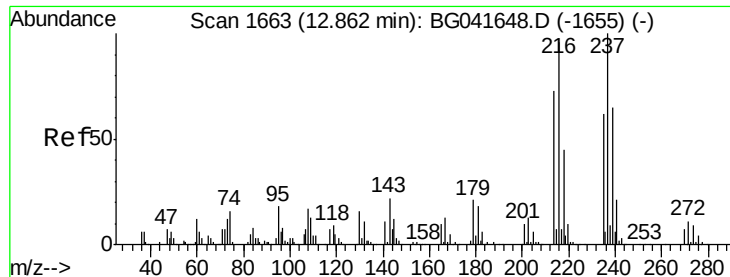
Ion 216.00 (215.70 to 216.70): E

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: 90.552 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

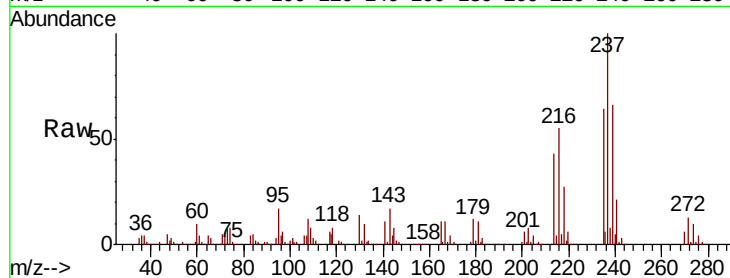
ClientSampleId :

PB121214BS

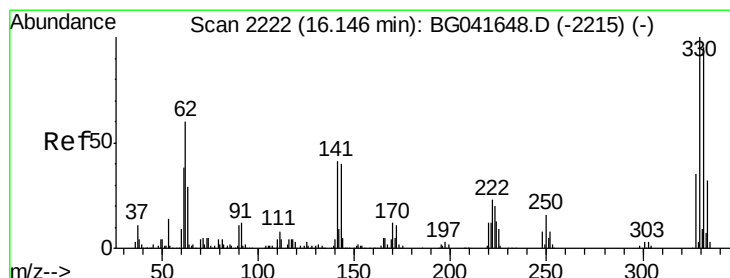
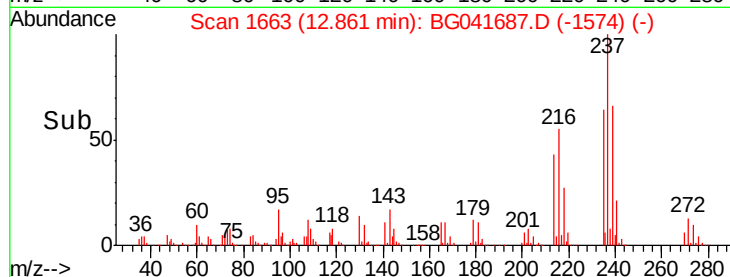
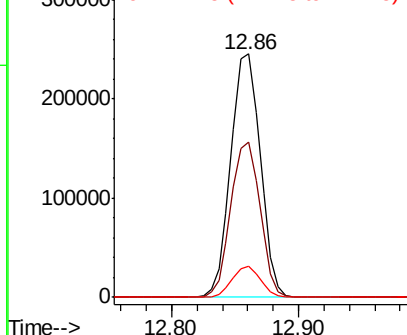
Tot Ion:	237	Resp:	396266
Ion Ratio	Lower	Upper	
237	100		
235	63.9	43.5	83.5
272	12.6	0.0	31.2

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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: 152.551 ng

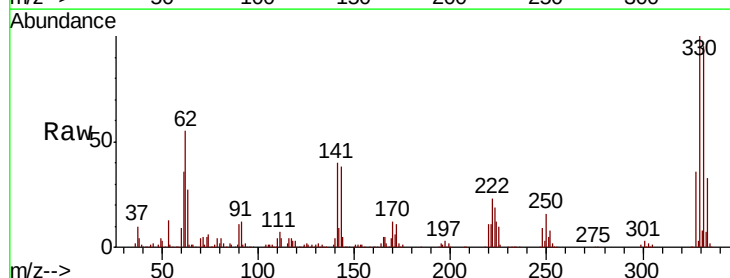
RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

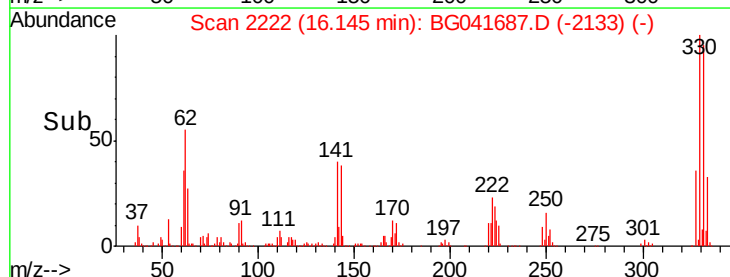
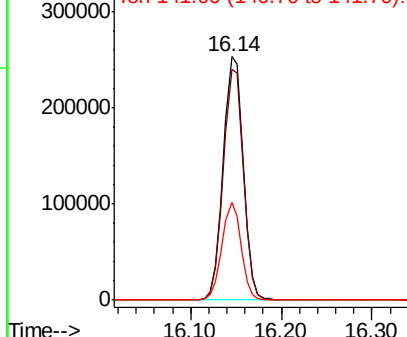
Lab File: BG041687.D

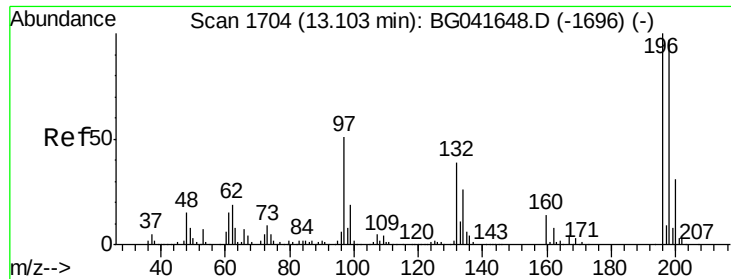
Acq: 17 Jul 2019 13:27

Tgt Ion:	330	Resp:	388279
Ion Ratio	Lower	Upper	
330	100		
332	95.0	77.4	116.0
141	38.3	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





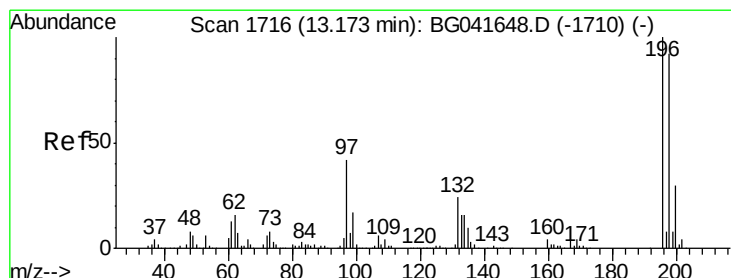
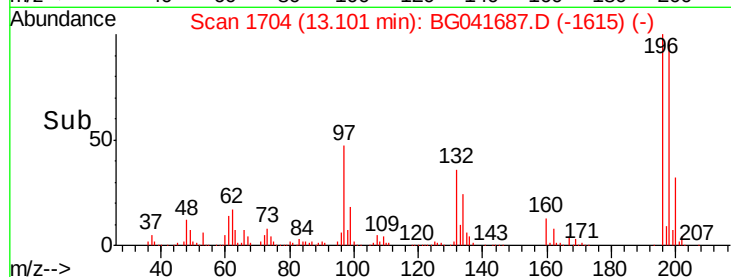
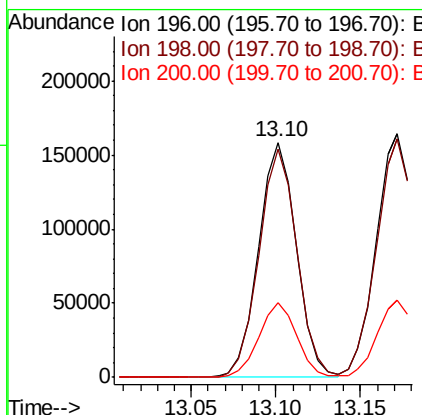
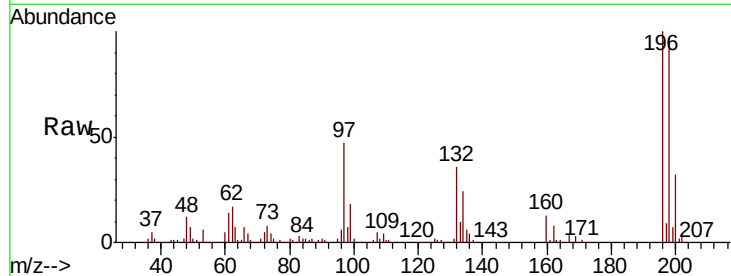
#43
 2,4,6-Trichlorophenol
 Concen: 49.090 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	246753		
198	97.2	79.6	119.4	
200	31.7	25.2	37.8	

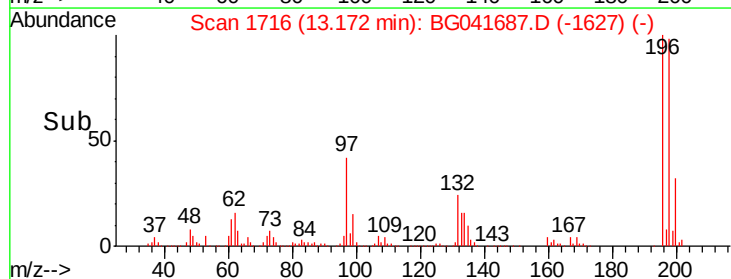
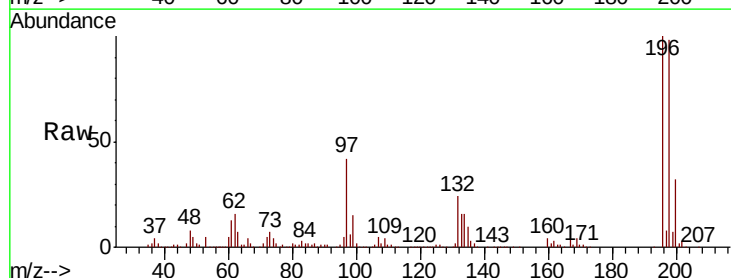
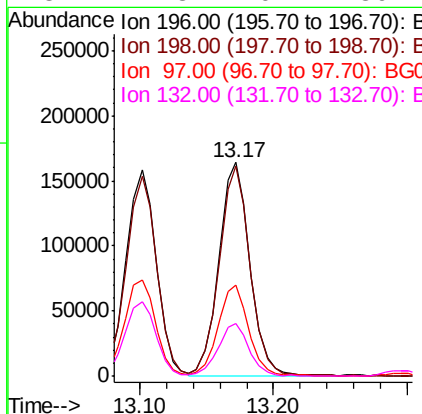
Manual Integrations
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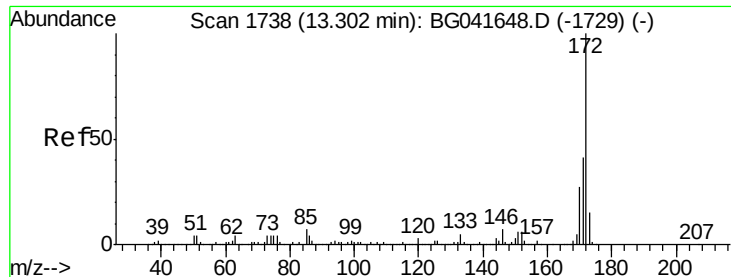
mohammad
 7/19/2019 2:24:44 PM



#44
 2,4,5-Trichlorophenol
 Concen: 50.206 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	265893		
198	98.1	80.6	121.0	
97	42.3	33.9	50.9	
132	24.3	20.2	30.2	





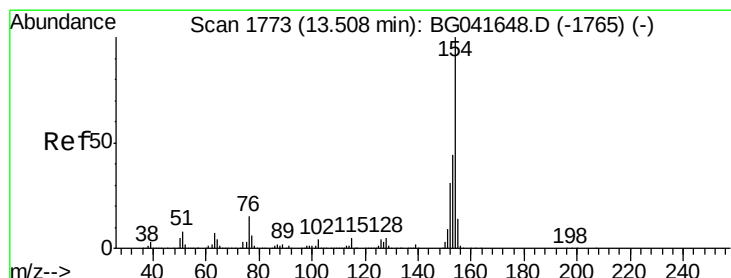
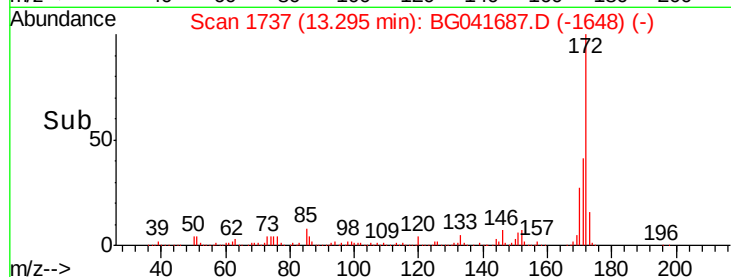
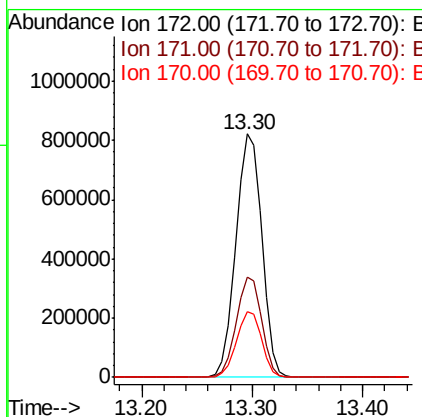
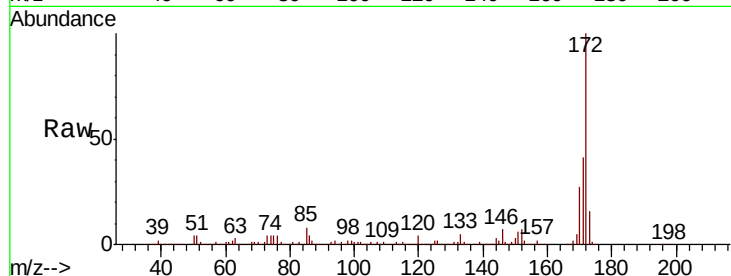
#45
2-Fluorobiphenyl
Concen: 93.418 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampled :
PB121214BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.2	35.0	52.4
170	27.1	23.5	35.3

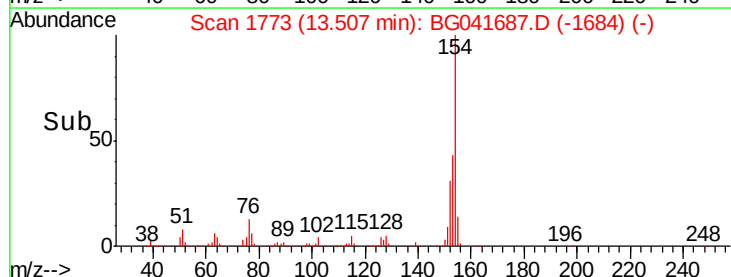
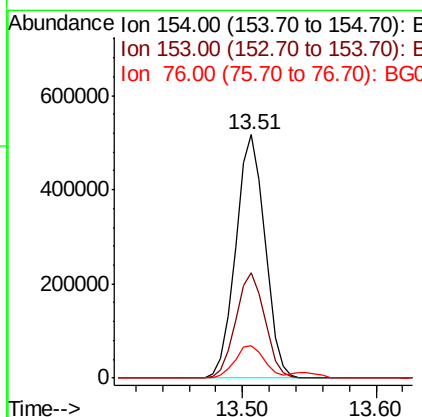
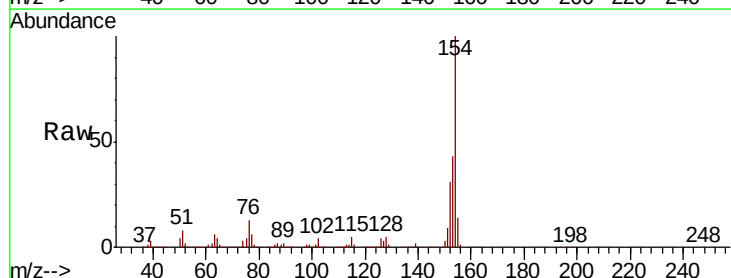
Manual Integrations
APPROVED

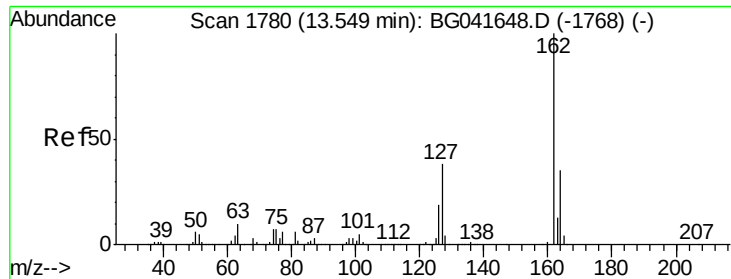
mohammad
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#46
1,1'-Biphenyl
Concen: 46.045 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	25.0	65.0
76	13.3	0.0	34.5





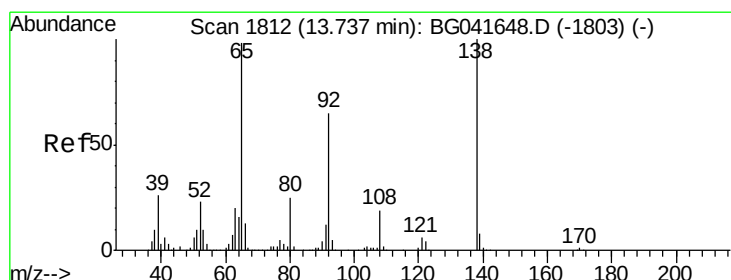
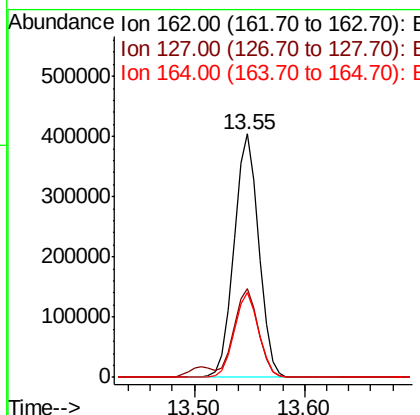
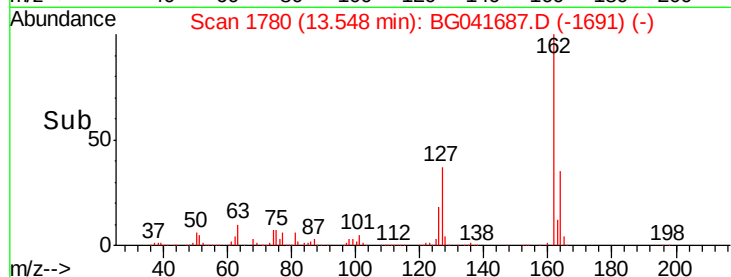
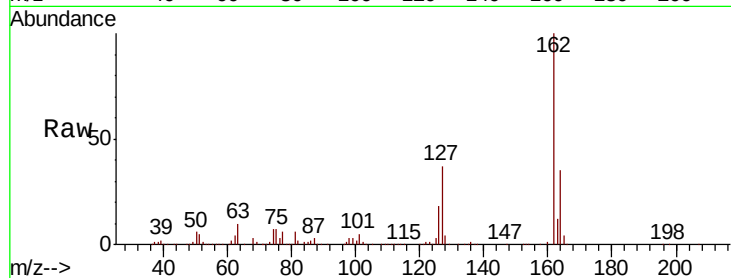
#47
 2-Chloronaphthalene
 Concen: 44.934 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Instrument :
 BNA_G
 ClientSampled :
 PB121214BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	30.4	45.6
164	34.7	28.6	42.8

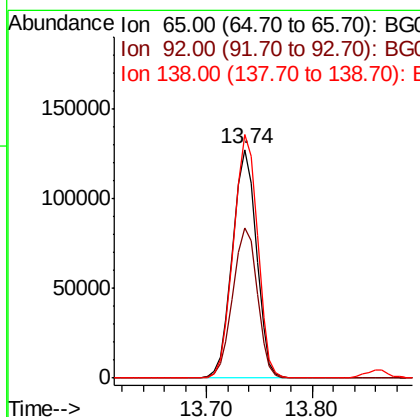
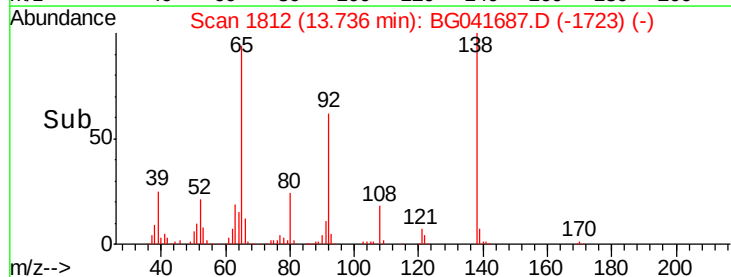
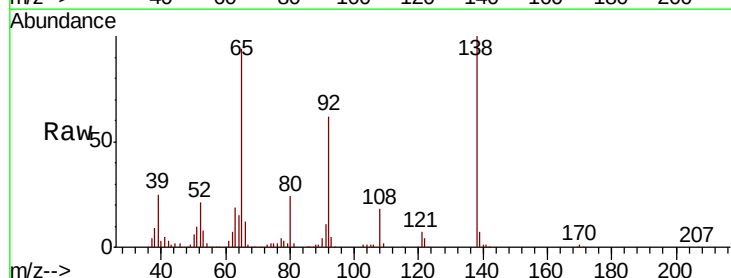
Manual Integrations
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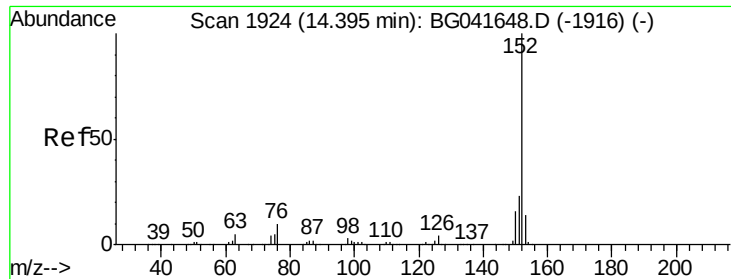
mohammad
 7/19/2019 2:24:44 PM



#48
 2-Nitroaniline
 Concen: 48.797 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.0	53.9	80.9
138	106.6	83.5	125.3





#49

Acenaphthylene

Concen: 46.101 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

Tot Ion:152 Resp: 1014859

Ion Ratio Lower Upper

152 100

151 22.3 18.7 28.1

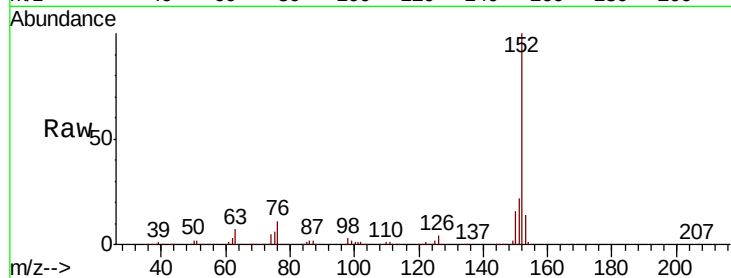
153 14.5 12.4 18.6

Manual Integrations

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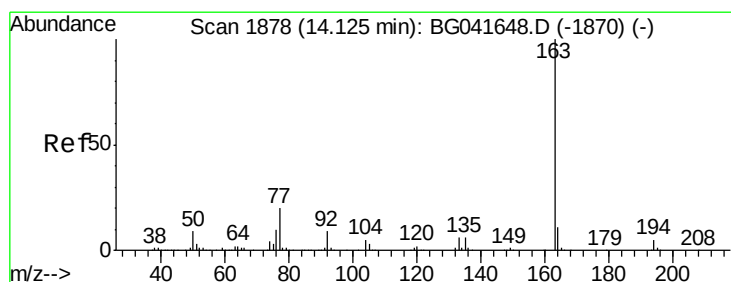
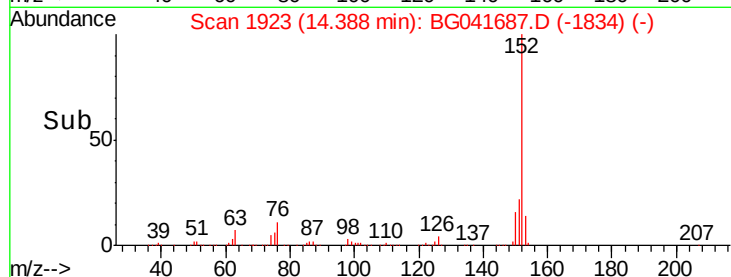
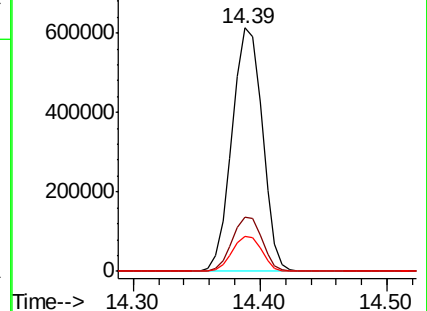
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.325 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

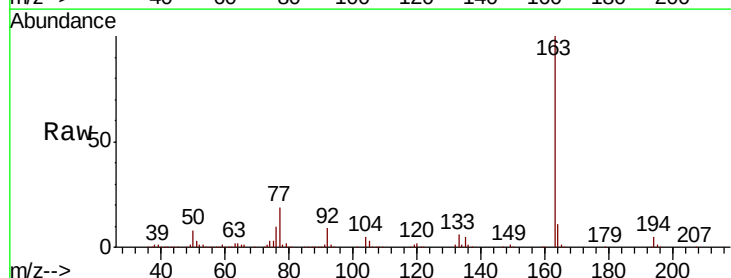
Tgt Ion:163 Resp: 821692

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

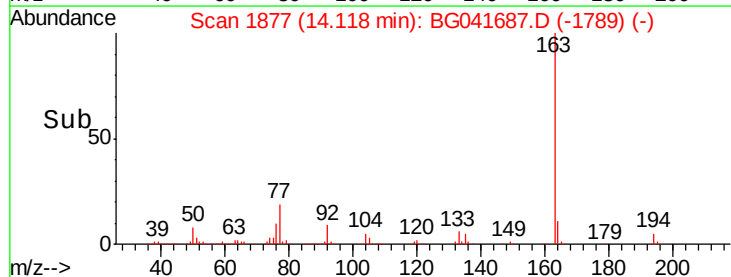
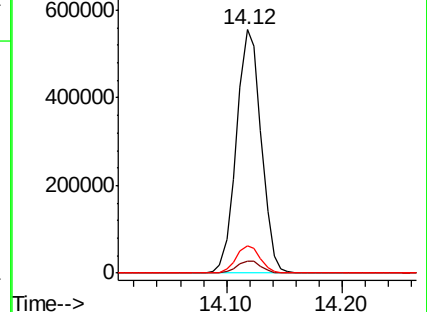
164 11.4 9.4 14.2

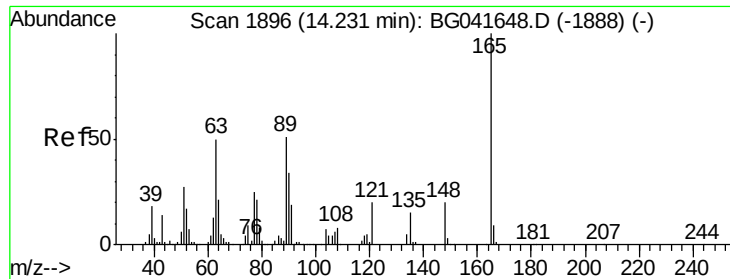


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





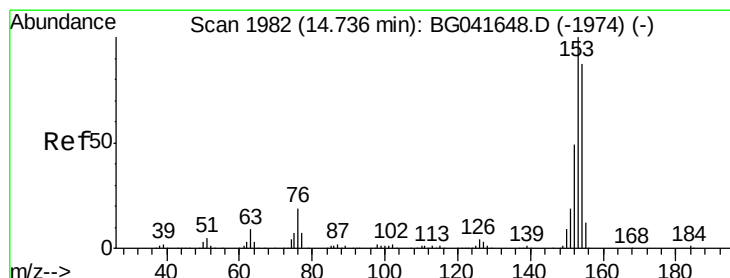
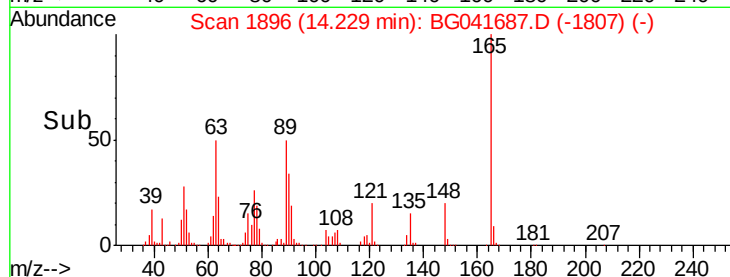
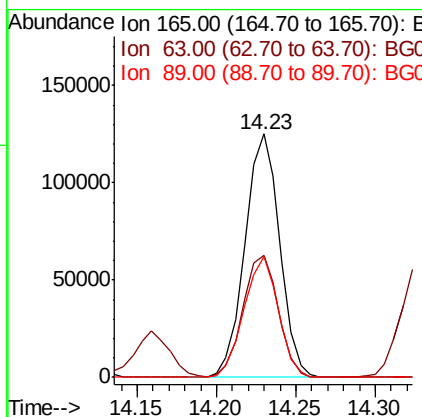
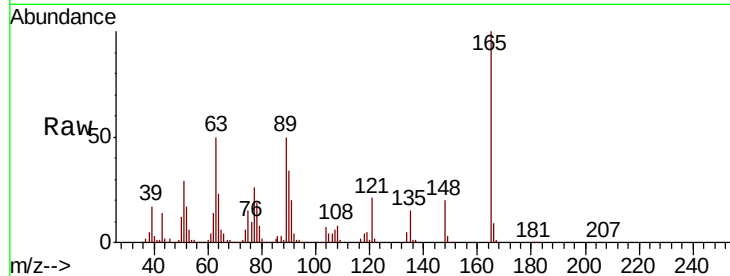
#51
2,6-Dinitrotoluene
Concen: 50.466 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.3	42.4	63.6
89	49.8	42.1	63.1

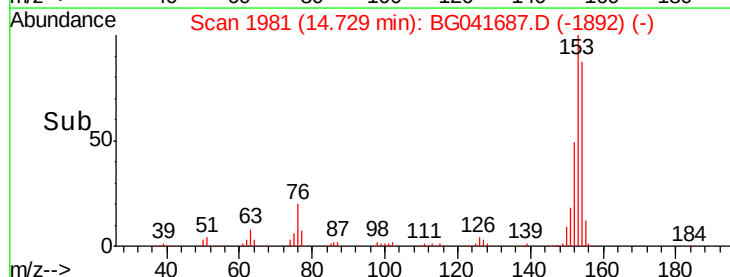
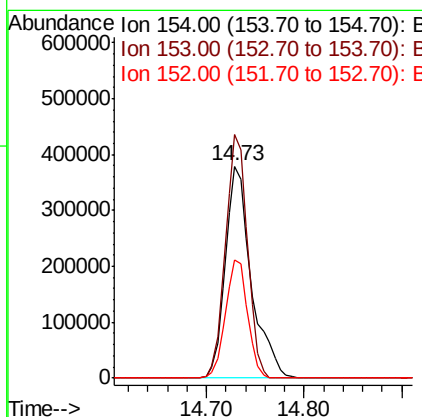
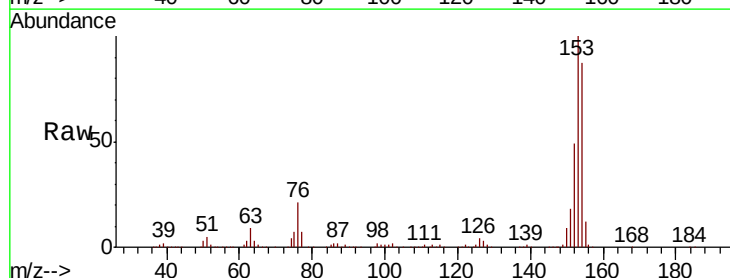
Manual Integrations
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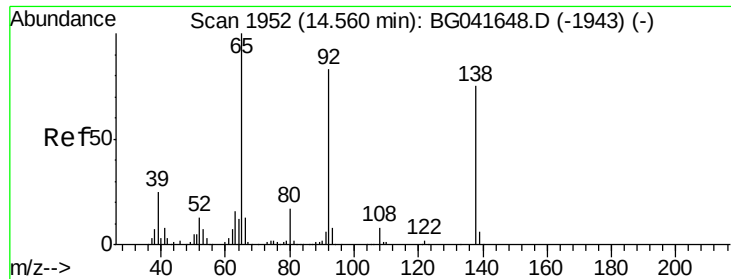
mohammad
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#52
Acenaphthene
Concen: 50.347 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.0	89.8	134.6
152	55.9	44.9	67.3





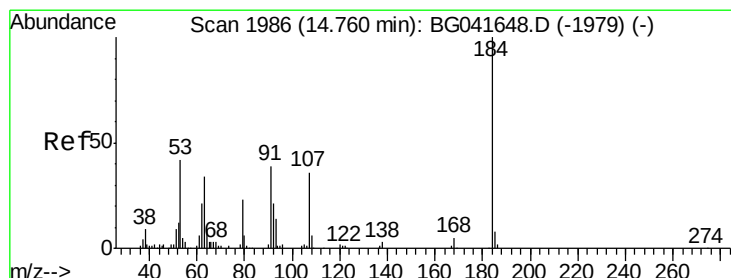
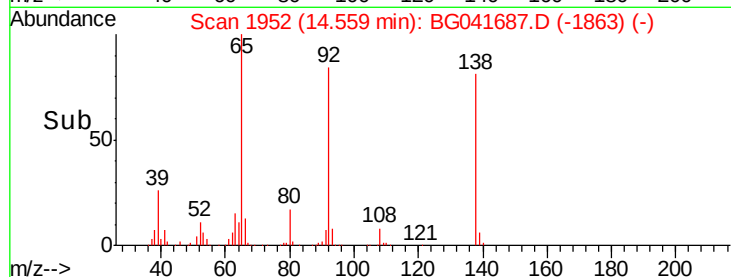
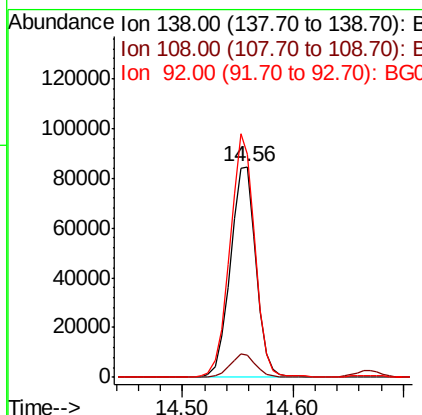
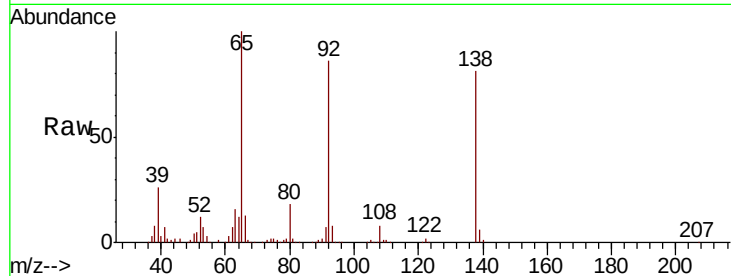
#53
3-Nitroaniline
Concen: 33.547 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	10.3	15.5
92	105.9	93.0	139.4

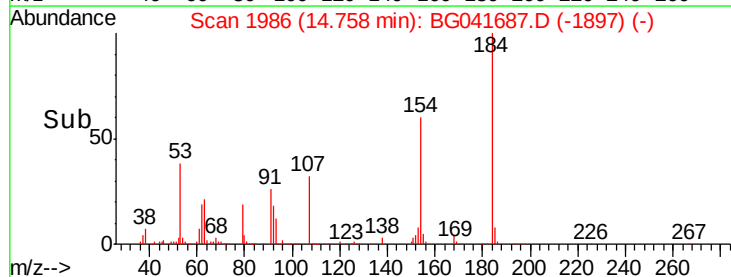
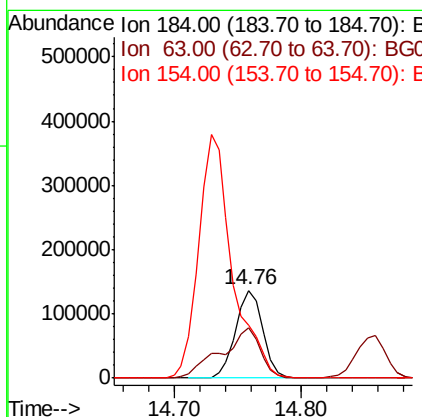
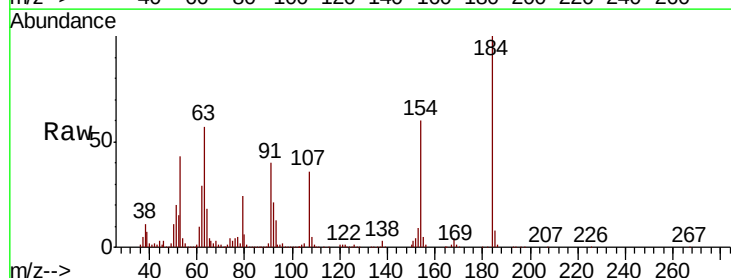
Manual Integrations
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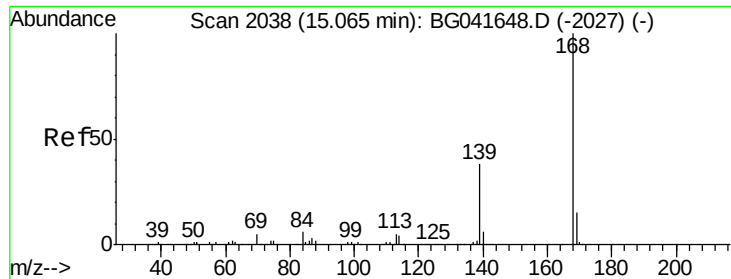
mohammad
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#54
2,4-Dinitrophenol
Concen: 104.260 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.7	43.2	64.8
154	60.1	51.4	77.2





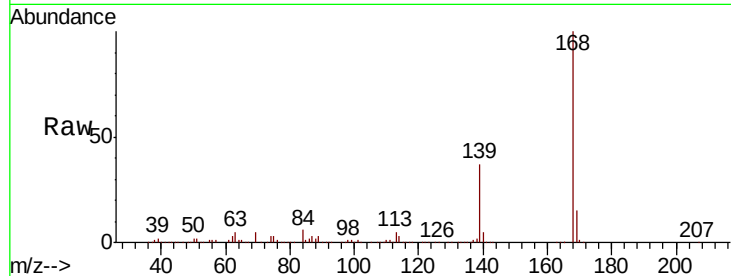
#55
Dibenzenofuran
Concen: 46.626 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	31.9	47.9
169	14.8	12.5	18.7

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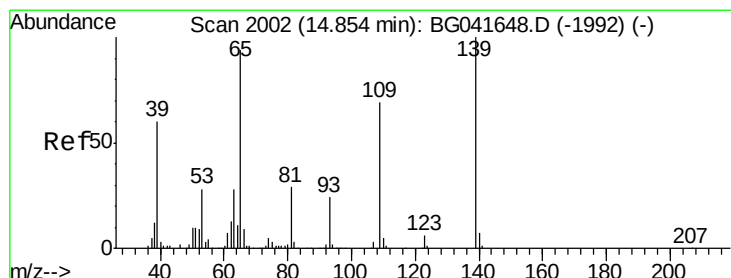
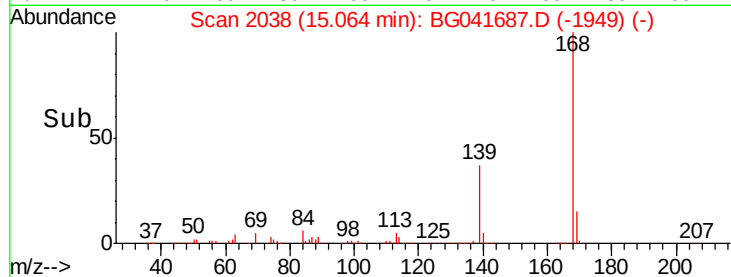
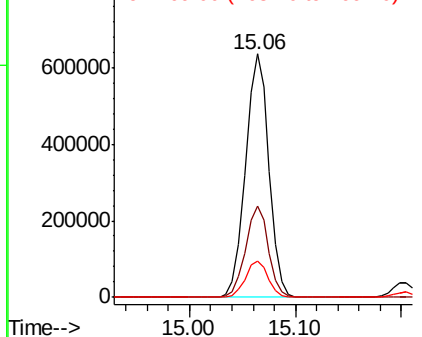


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 113.314 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

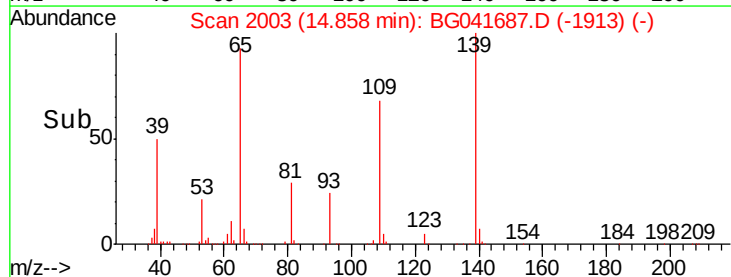
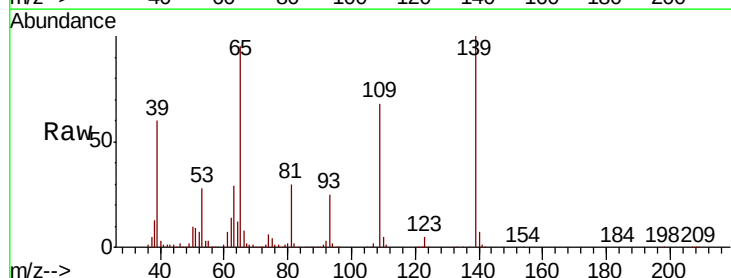
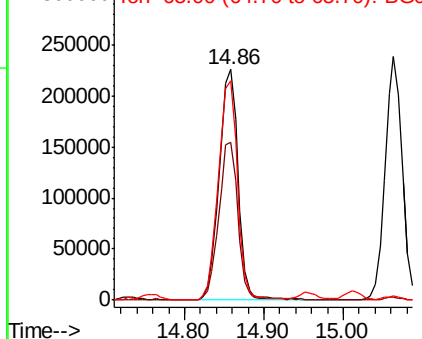
Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.4	51.3	91.3
65	95.0	77.6	117.6

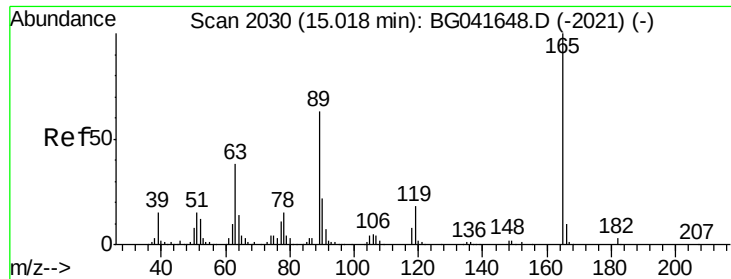
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





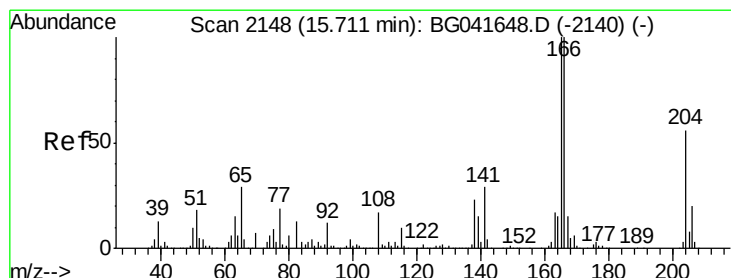
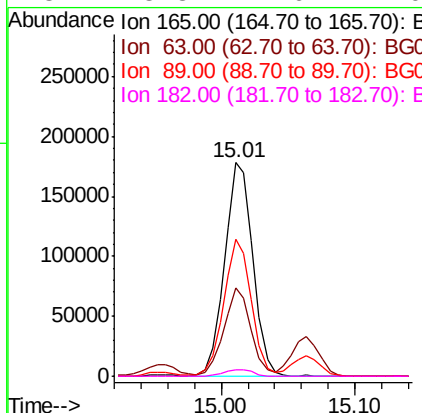
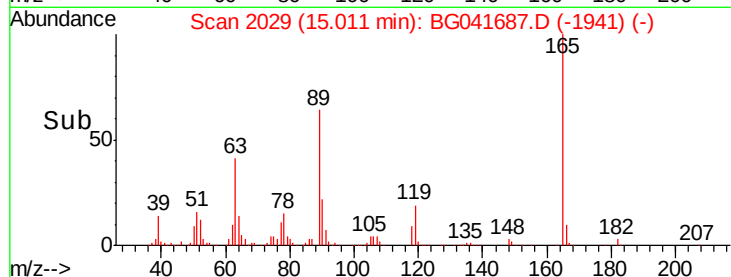
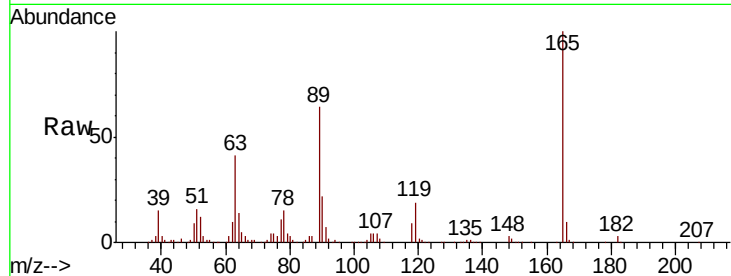
#57
2,4-Dinitrotoluene
Concen: 53.105 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.3	31.7	47.5
89	64.1	50.2	75.4
182	3.3	2.6	4.0

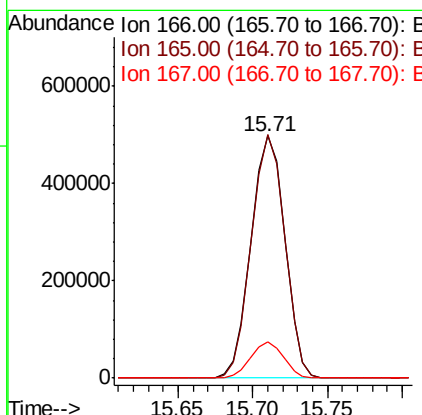
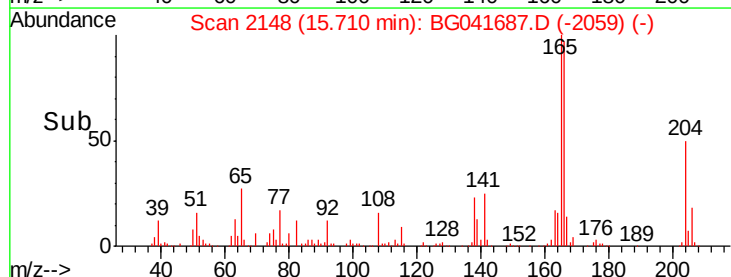
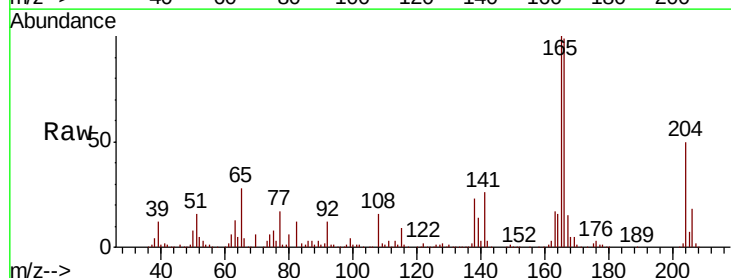
Manual Integrations
APPROVED

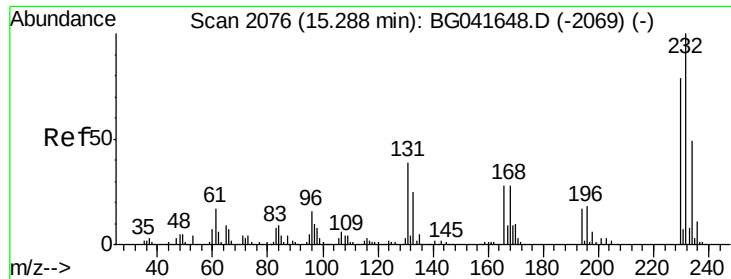
mohammad
7/19/2019 2:24:44 PM



#58
Fluorene
Concen: 46.072 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.7	80.5	120.7
167	15.0	12.4	18.6





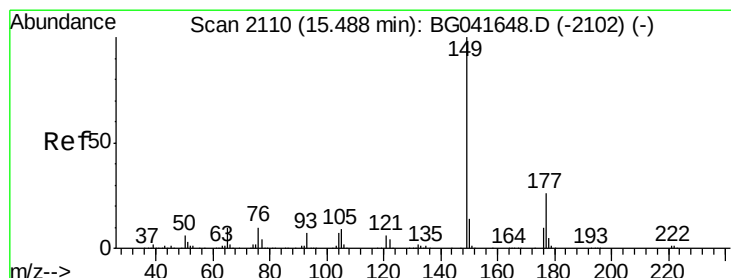
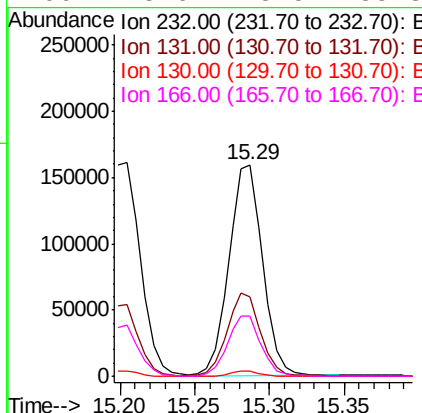
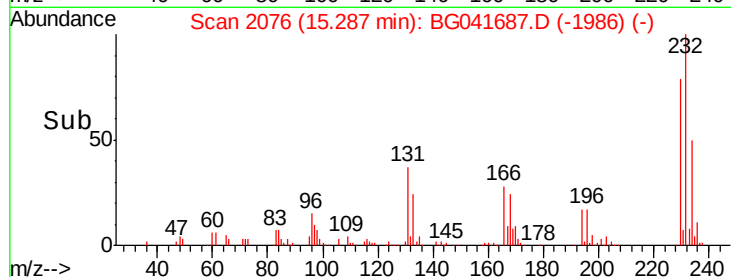
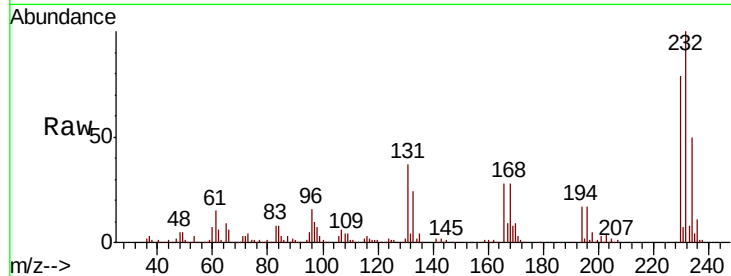
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.146 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	250066		
131	39.5		31.8	47.6
130	2.1		1.8	2.8
166	28.6		23.5	35.3

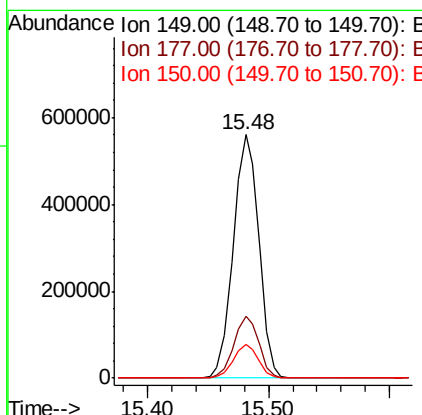
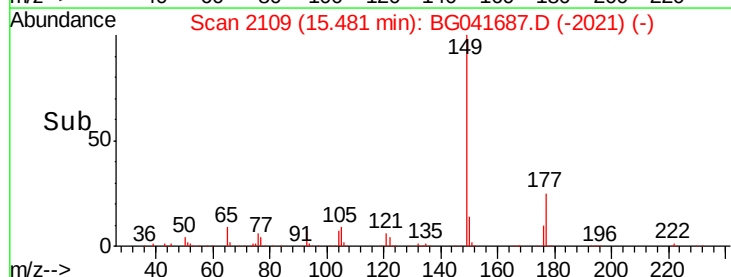
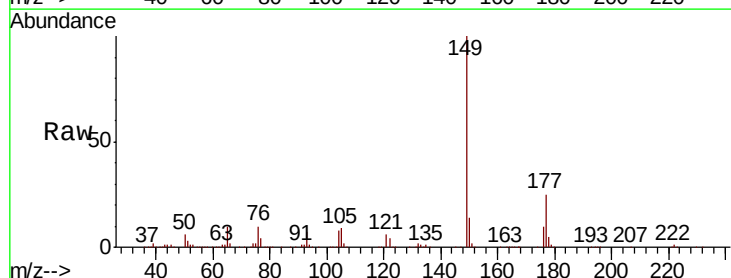
Manual Integrations
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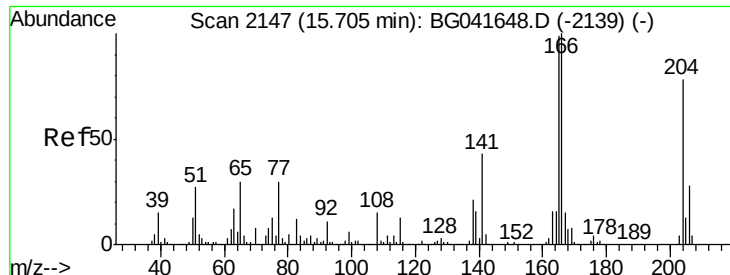
mohammad
 7/19/2019 2:24:44 PM



#60
 Diethylphthalate
 Concen: 46.139 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	824465		
177	25.1		20.7	31.1
150	13.9		11.5	17.3





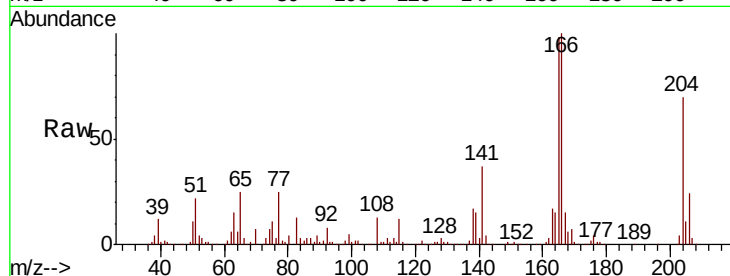
#61
 4-Chlorophenyl-phenylether
 Concen: 46.217 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BS

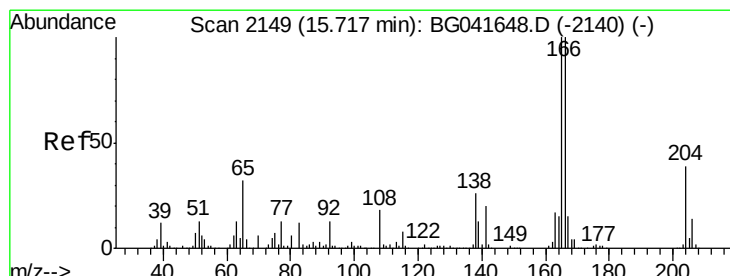
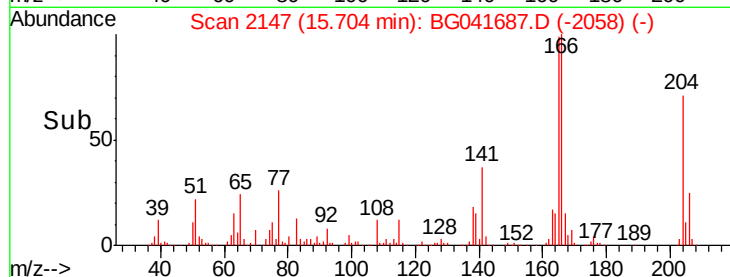
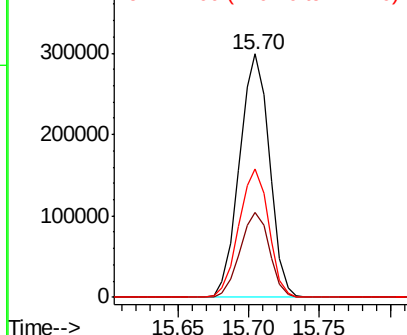
Tot Ion:	204	Resp:	442523
Ion Ratio	Lower	Upper	
204	100		
206	34.9	28.6	42.8
141	52.5	42.9	64.3

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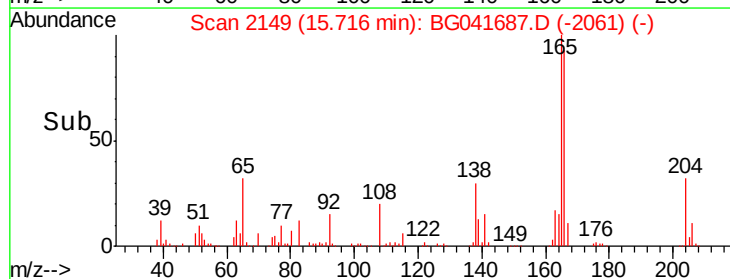
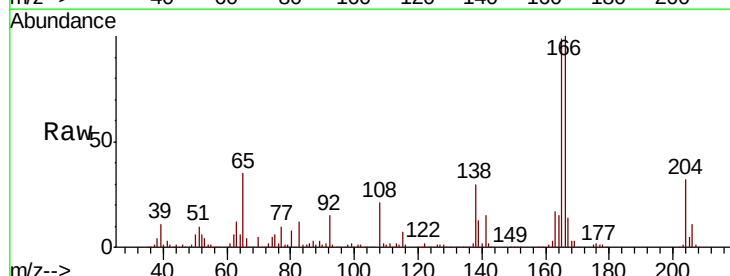
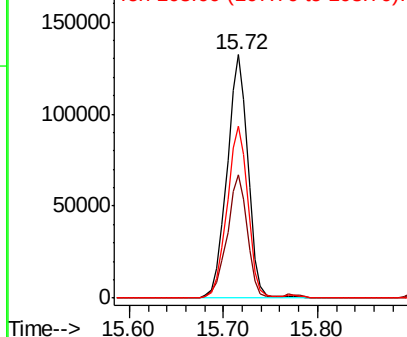
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

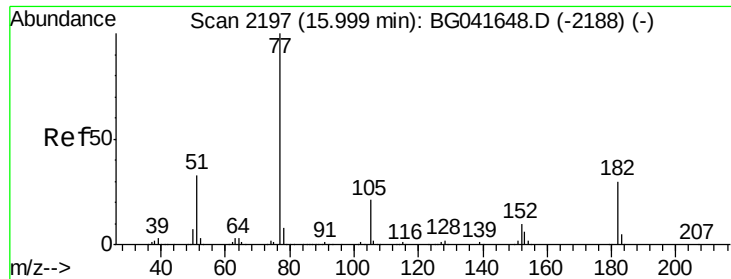


#62
 4-Nitroaniline
 Concen: 47.598 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Tgt Ion:	138	Resp:	207328
Ion Ratio	Lower	Upper	
138	100		
92	50.4	29.8	69.8
108	70.9	52.2	92.2

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





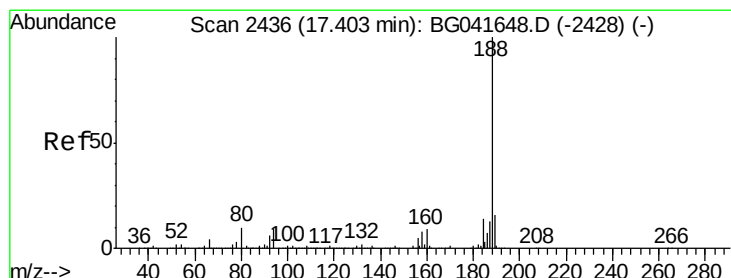
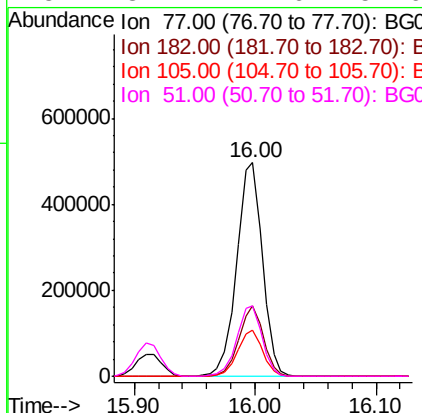
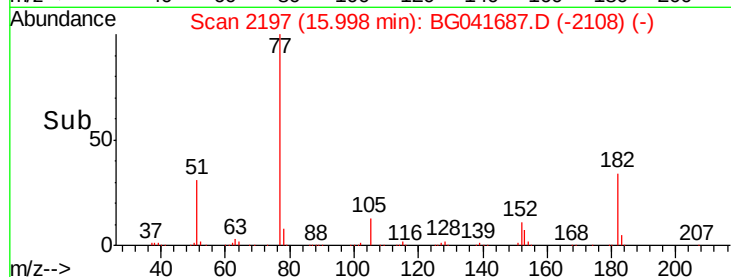
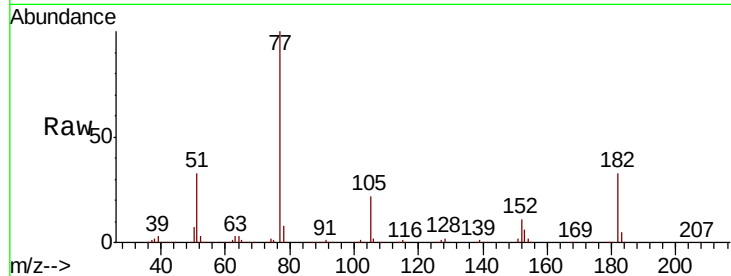
#63
Azobenzene
Concen: 45.590 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		736517		
182	32.8	13.2	53.2		
105	21.7	2.2	42.2		
51	32.7	14.6	54.6		

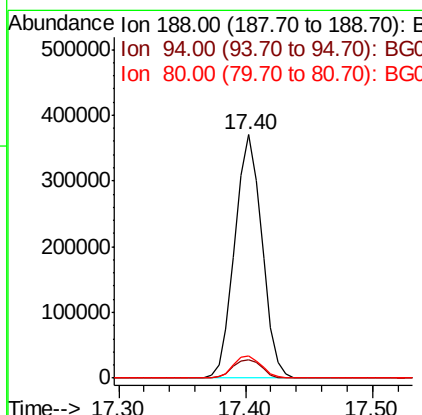
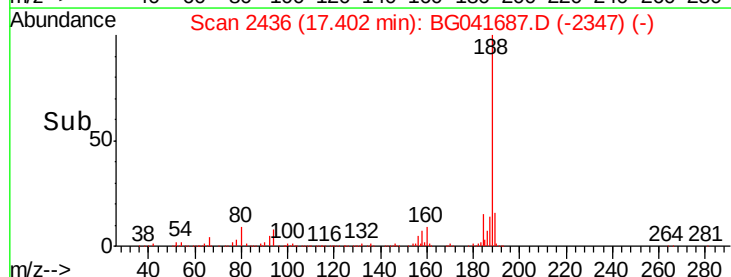
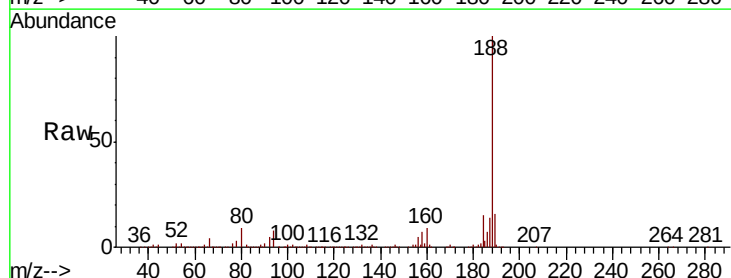
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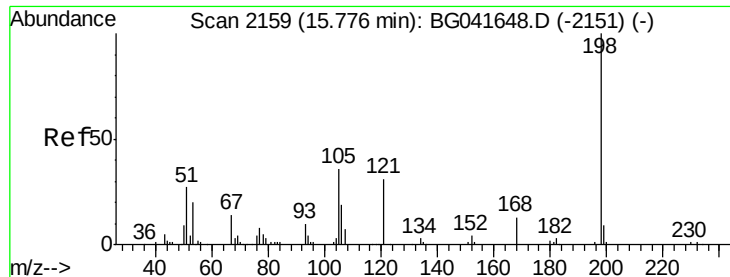
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		546751		
94	7.8	6.9	10.3		
80	9.2	8.0	12.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 52.986 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

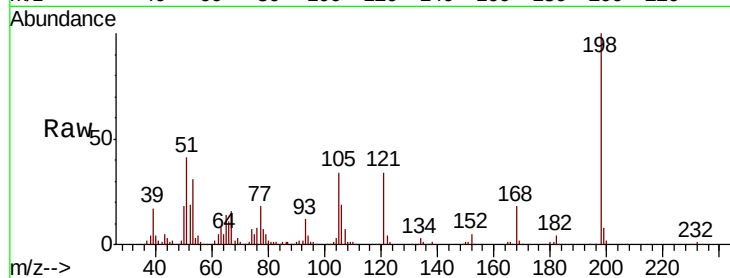
ClientSampleId :

PB121214BS

Tot Ion:	198	Resp:	139615
Ion Ratio	Lower	Upper	
198	100		
51	40.6	22.3	62.3
105	34.2	18.0	58.0

Manual Integrations
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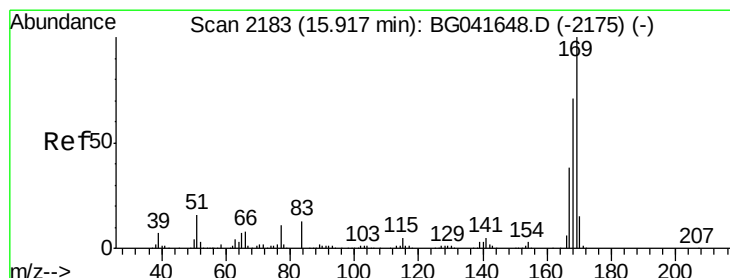
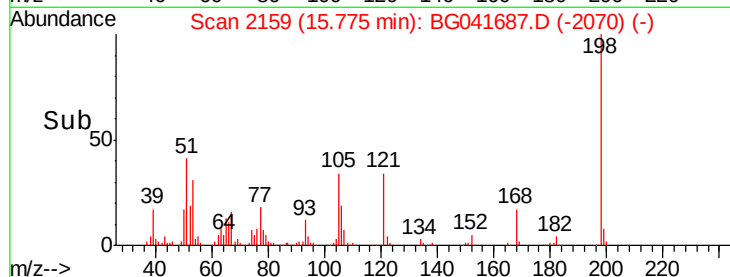
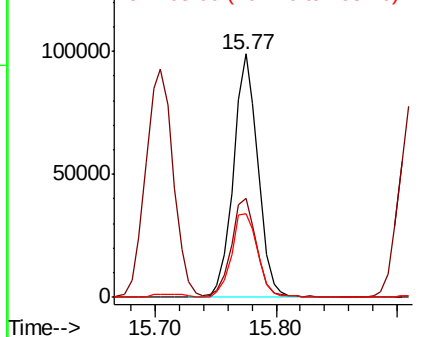
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG041687.D (-2070) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.716 ng

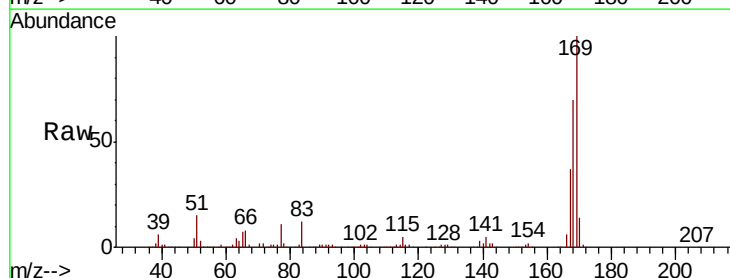
RT: 15.92 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

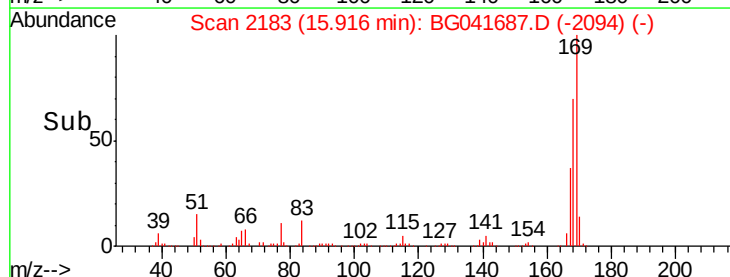
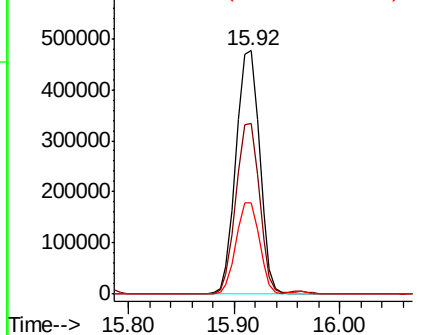
Tgt Ion:	169	Resp:	734026
Ion Ratio	Lower	Upper	
169	100		
168	70.2	56.9	85.3
167	37.2	31.5	47.3

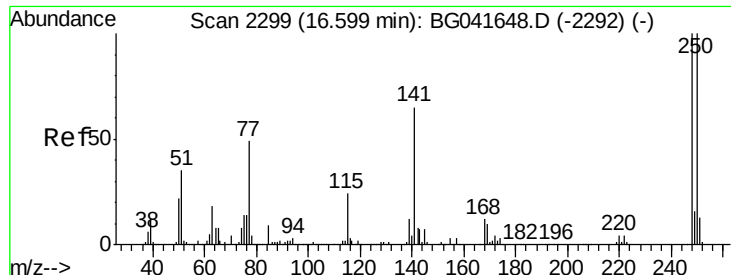


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





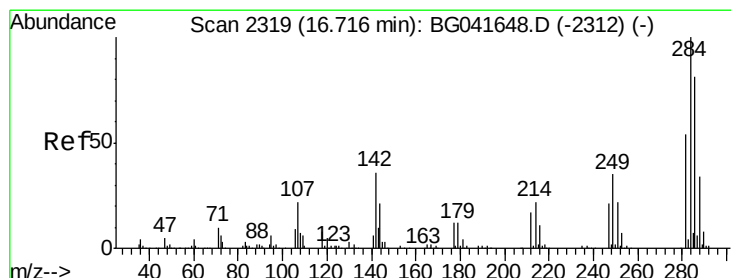
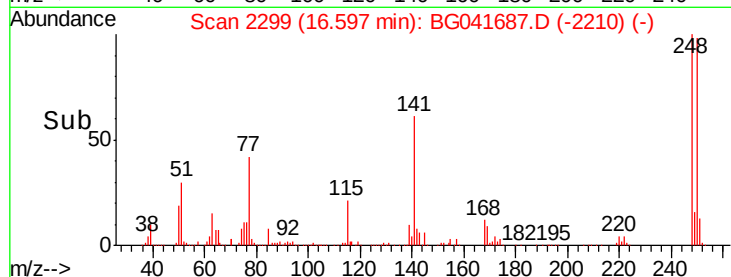
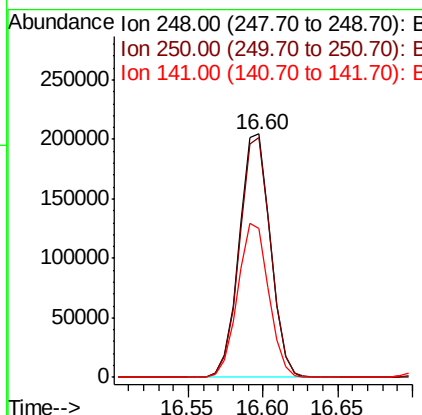
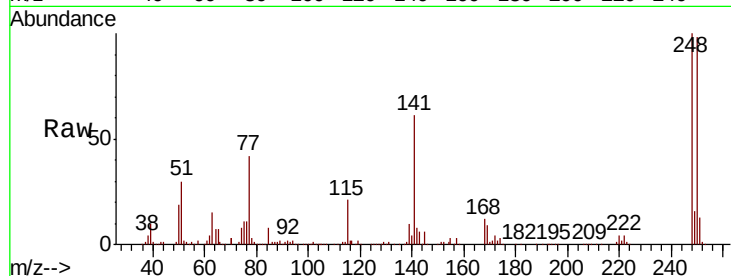
#67
 4-Bromophenyl-phenylether
 Concen: 45.405 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.1	117.1
141	61.1	49.6	74.4

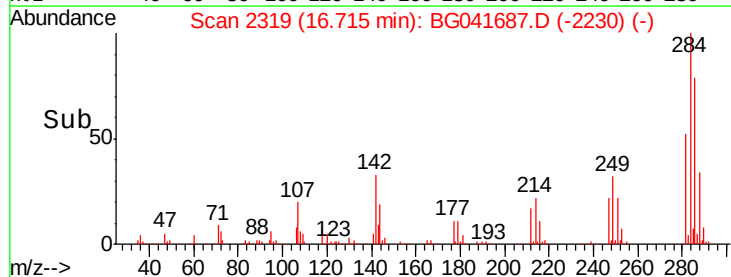
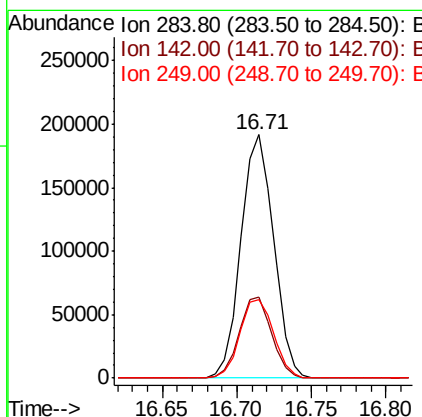
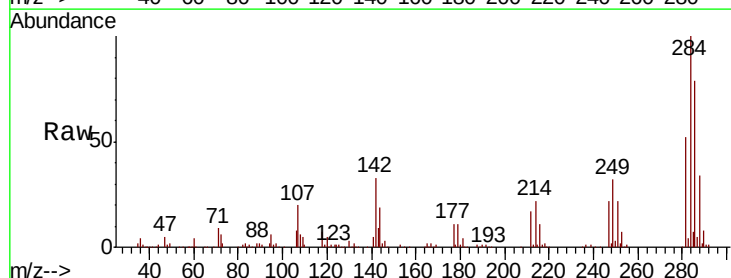
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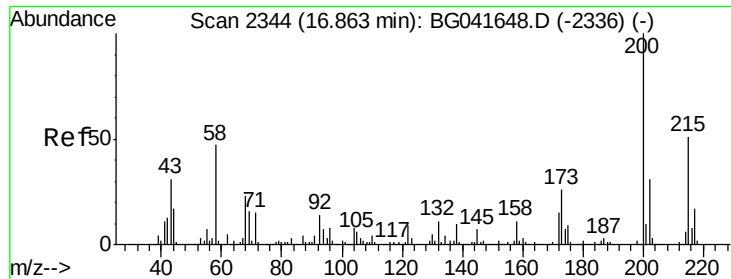
mohammad
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#68
 Hexachlorobenzene
 Concen: 44.387 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	27.0	40.6
249	32.5	28.4	42.6





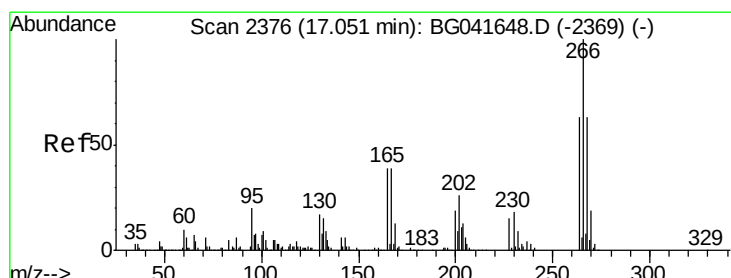
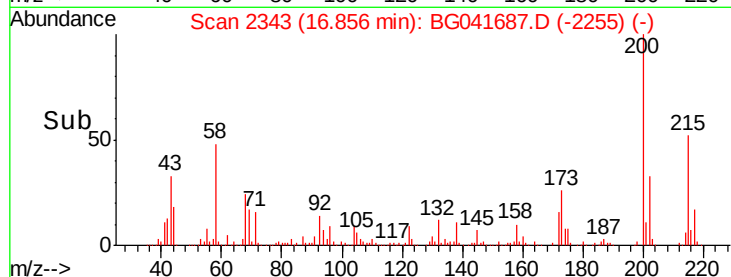
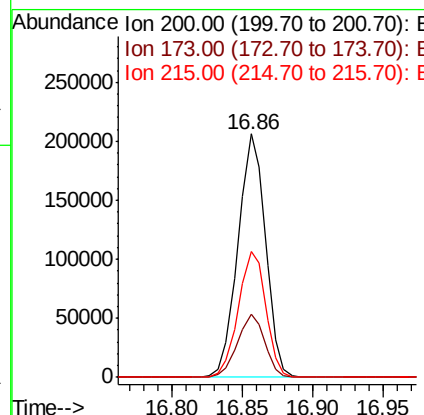
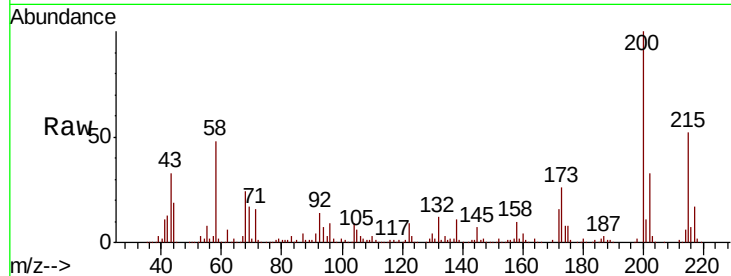
#69
 Atrazine
 Concen: 48.191 ng
 RT: 16.86 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Instrument :
 BNA_G
 ClientSampleID :
 PB121214BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	280793		
173	26.0	5.3	45.3	
215	51.6	31.8	71.8	

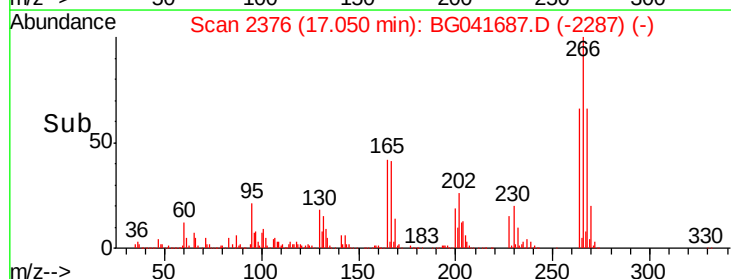
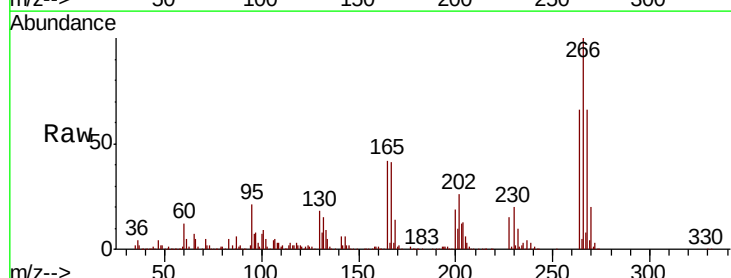
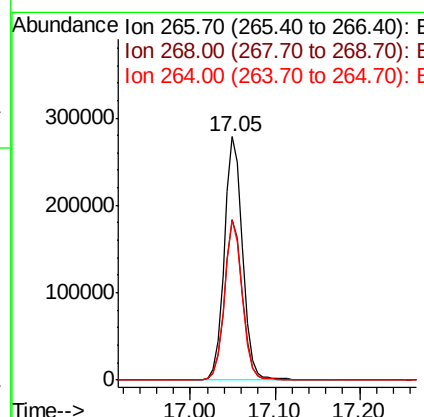
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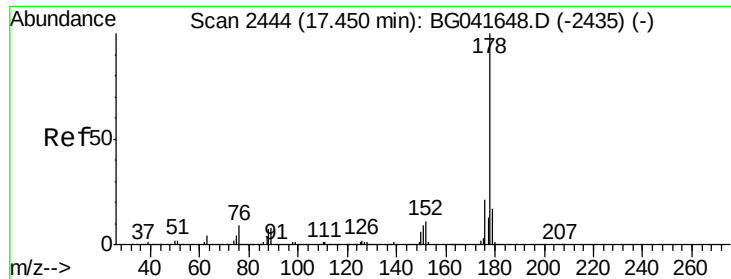
mohammad
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#70
 Pentachlorophenol
 Concen: 102.254 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	418848		
268	66.0	52.9	79.3	
264	65.9	51.4	77.2	





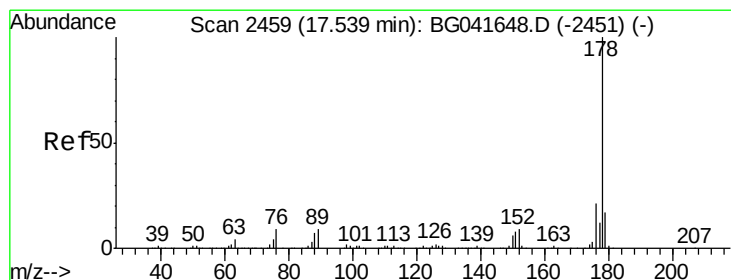
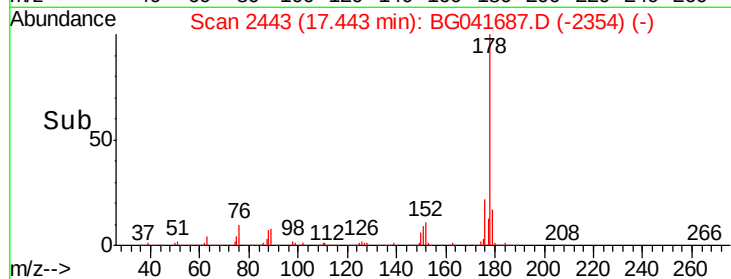
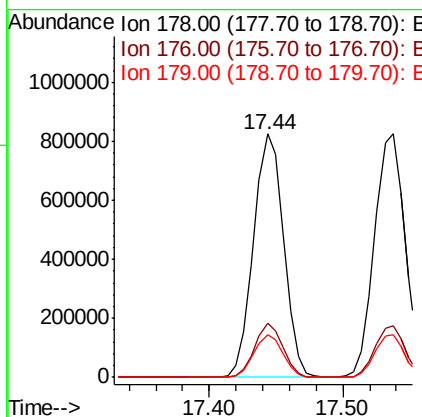
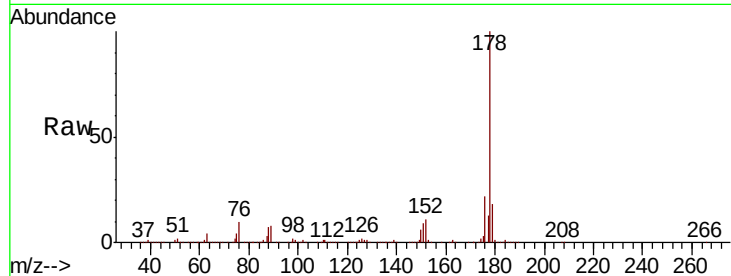
#71
 Phenanthrene
 Concen: 46.498 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Instrument :
 BNA_G
 ClientSampled :
 PB121214BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.0	18.6	28.0
179	17.5	15.4	23.0

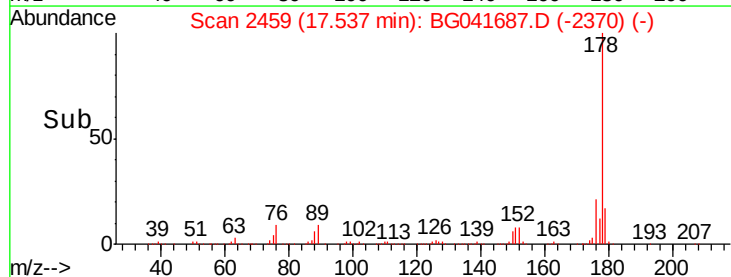
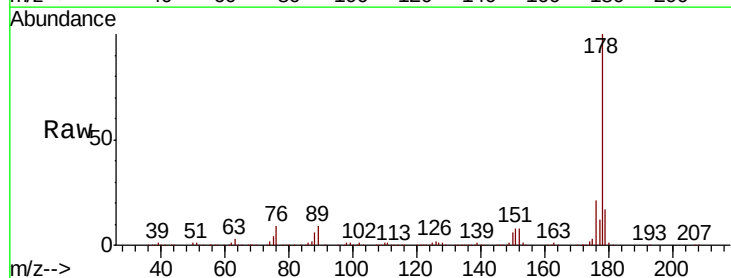
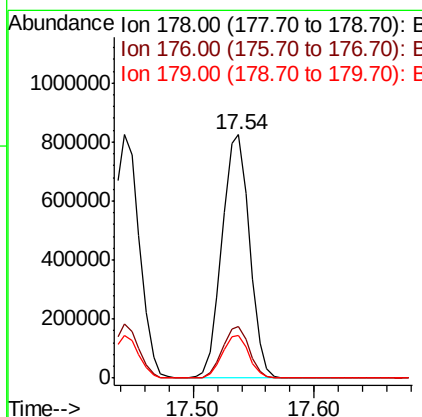
Manual Integrations
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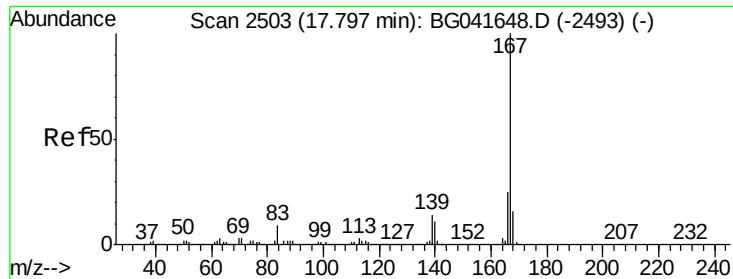
mohammad
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#72
 Anthracene
 Concen: 47.409 ng
 RT: 17.54 min Scan# 2459
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.5	18.6	28.0
179	17.5	15.1	22.7





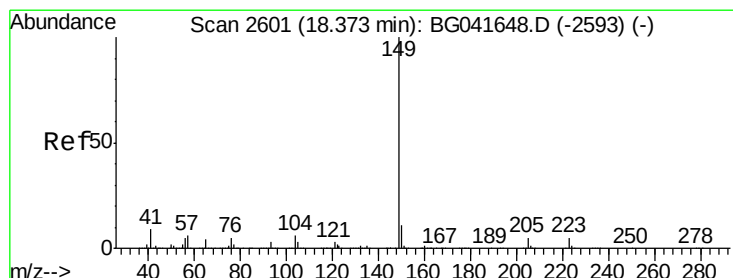
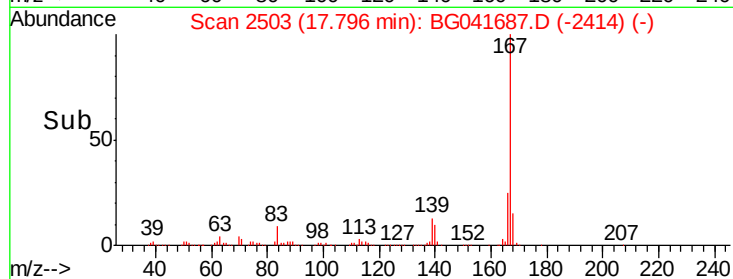
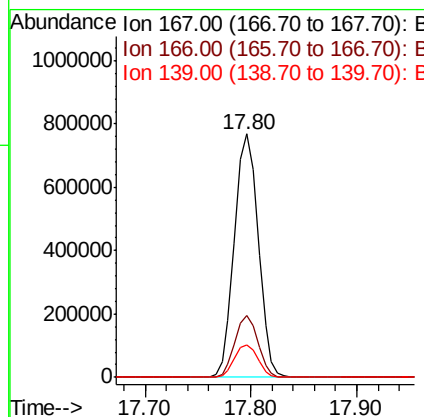
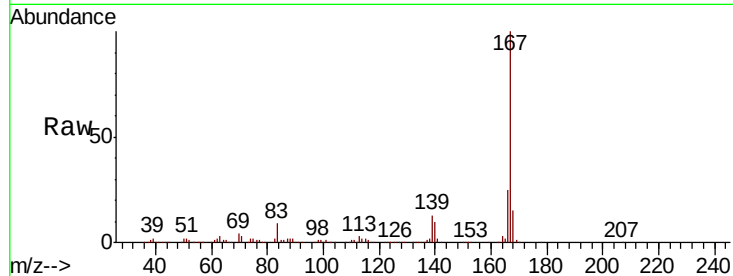
#73
 Carbazole
 Concen: 47.070 ng
 RT: 17.80 min Scan# 2503
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.5	21.4	32.2
139	13.5	12.1	18.1

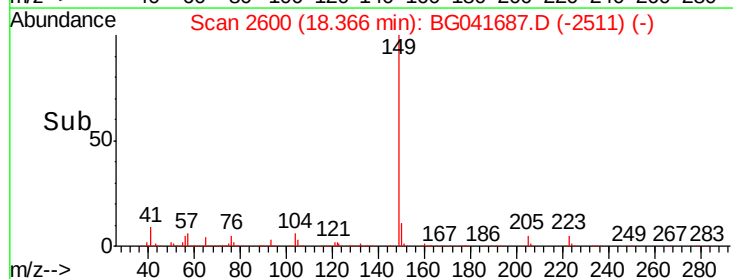
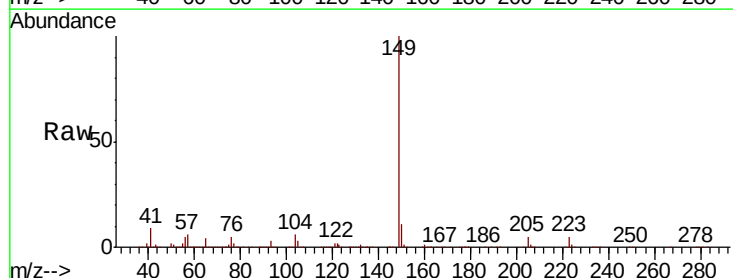
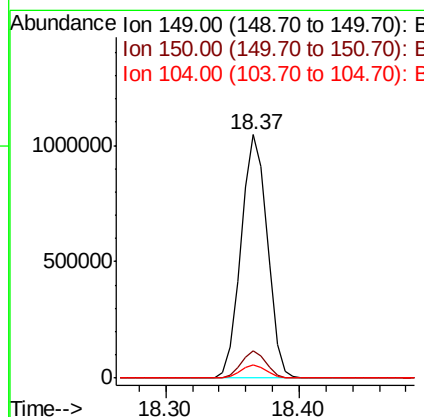
Manual Integrations
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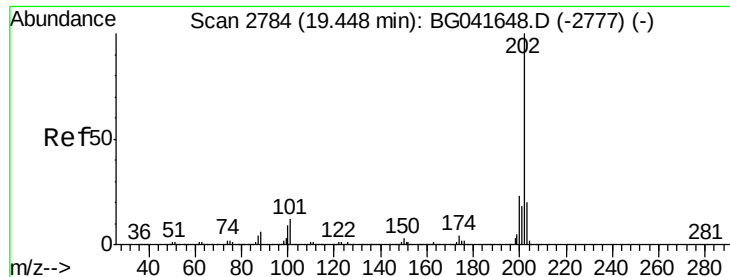
mohammad
 7/19/2019 2:24:44 PM



#74
 Di-n-butylphthalate
 Concen: 45.712 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.4	10.2	15.2
104	5.6	5.3	7.9





#75

Fluoranthene

Concen: 46.596 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

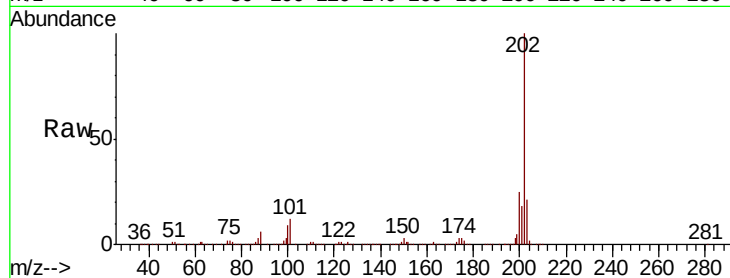
ClientSampled :

PB121214BS

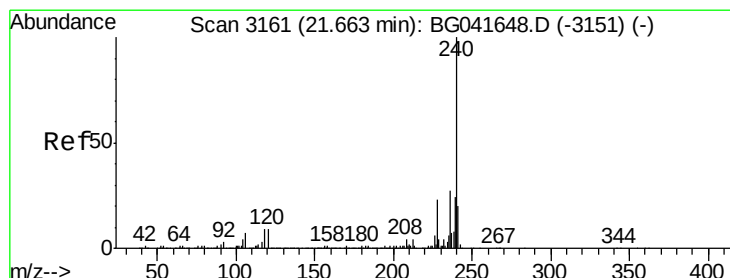
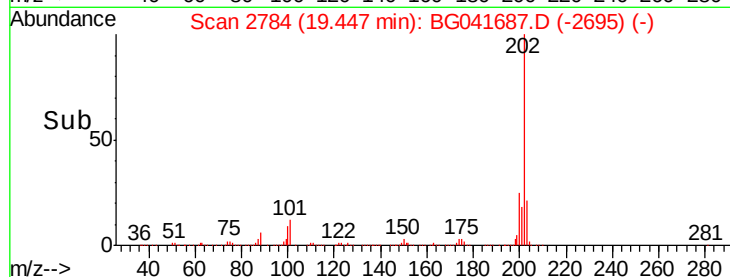
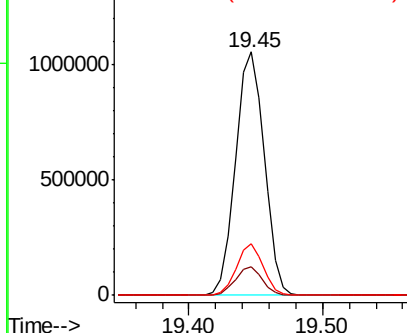
Tot Ion:	202	Resp:	1575407
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	32.8
203	21.1	3.7	43.7

Manual Integrations
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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

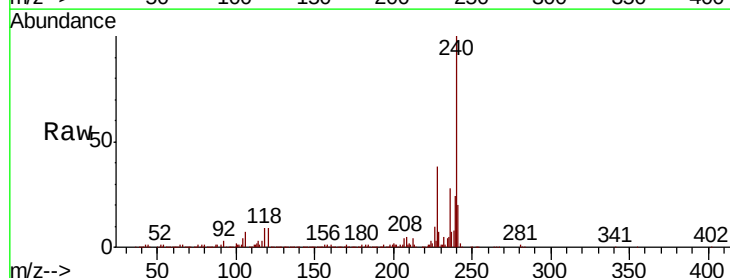
RT: 21.66 min Scan# 3160

Delta R.T. -0.01 min

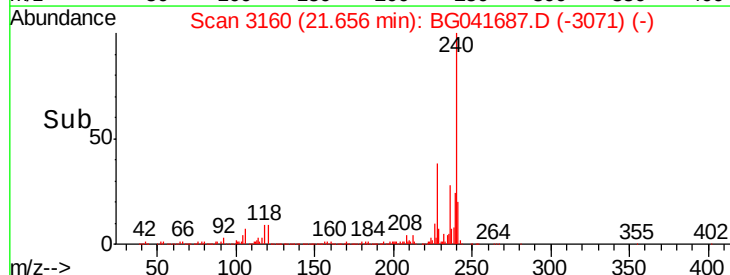
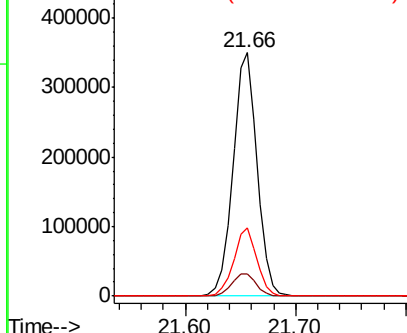
Lab File: BG041687.D

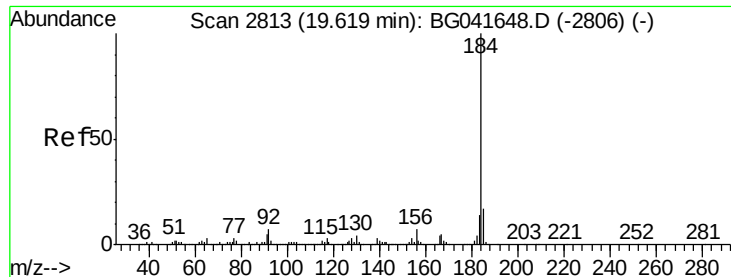
Acq: 17 Jul 2019 13:27

Tgt Ion:	240	Resp:	531886
Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.0	12.0
236	27.9	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





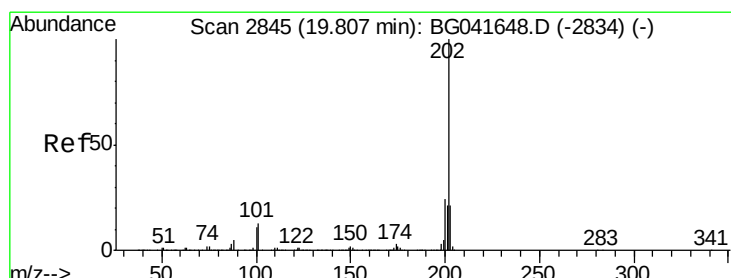
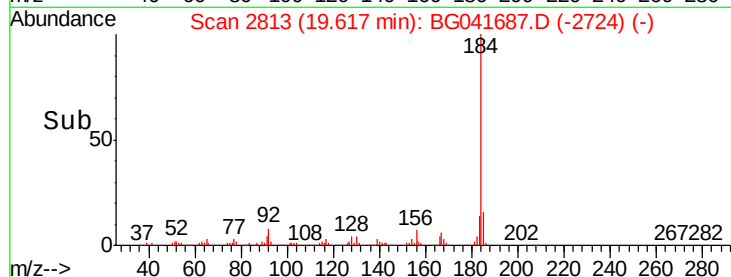
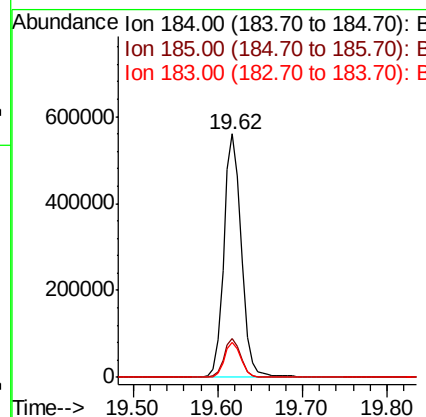
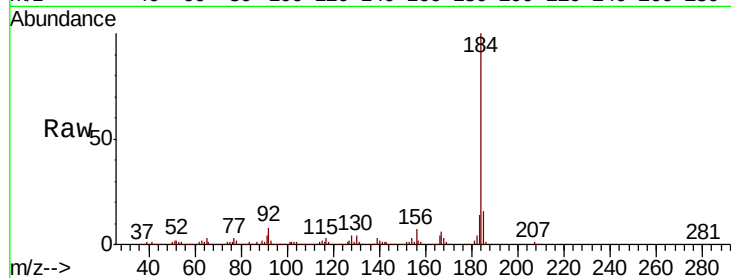
#77
Benzidine
Concen: 44.618 ng
RT: 19.62 min Scan# 2813
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.8	13.0	19.4
183	14.2	11.8	17.6

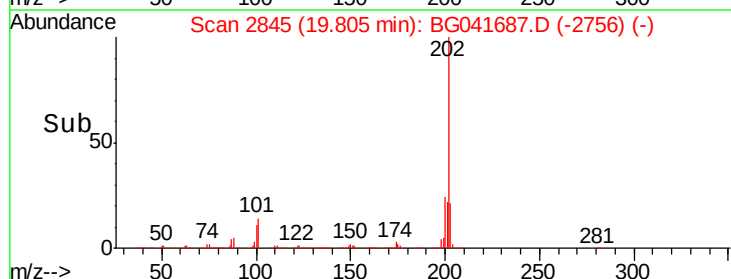
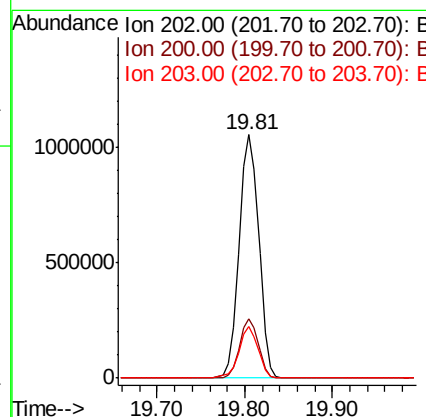
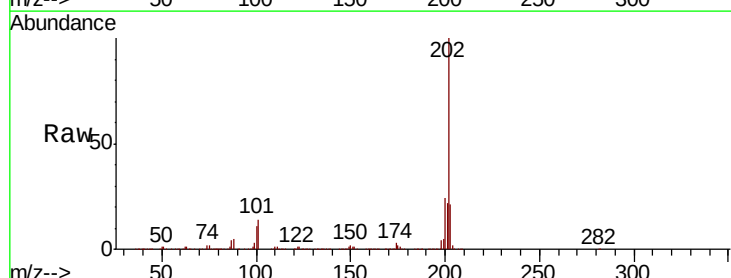
Manual Integrations
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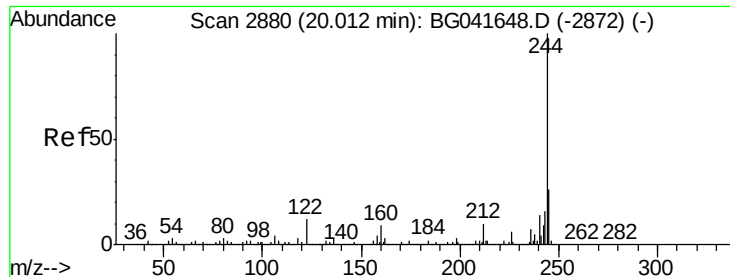
mohammad
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#78
Pyrene
Concen: 44.297 ng
RT: 19.81 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.4	22.2	33.2
203	21.1	18.9	28.3





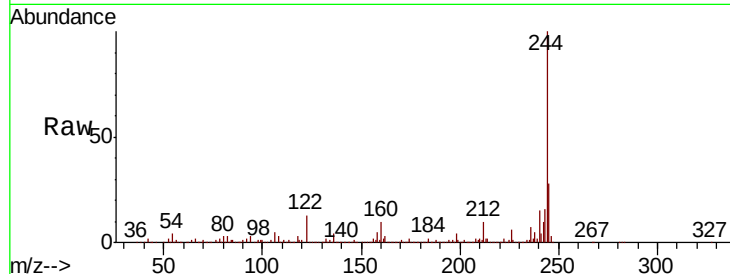
#79
 Terphenyl-d14
 Concen: 92.249 ng
 RT: 20.01 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.4	9.7	14.5
122	12.7	12.5	18.7

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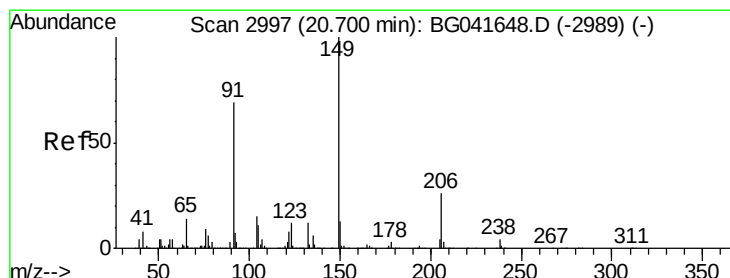
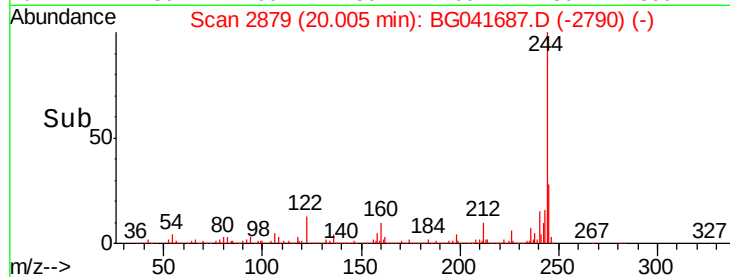
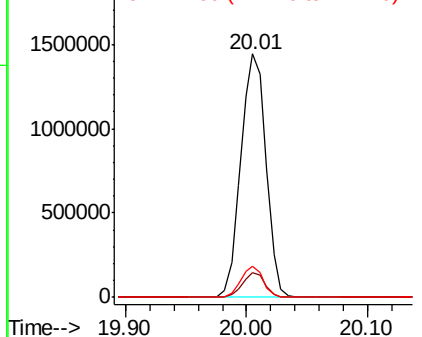


Abundance

Ion 244.00 (243.70 to 244.70): E

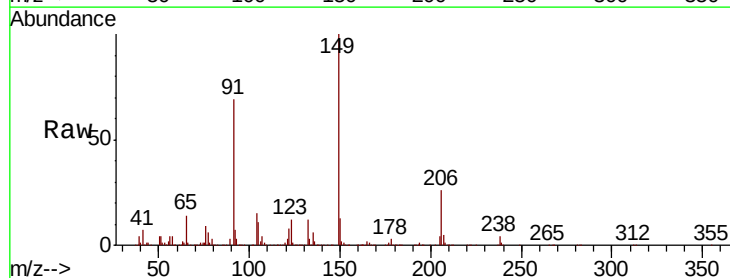
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 45.953 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.2	58.9	88.3
206	26.2	20.8	31.2

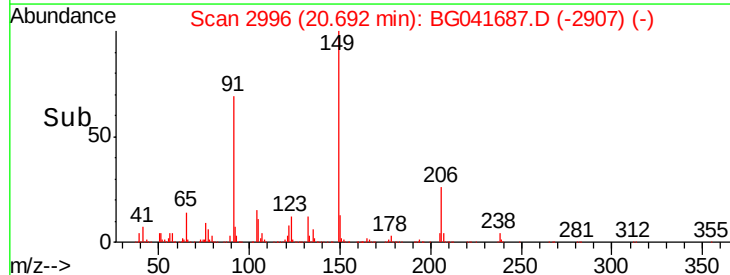
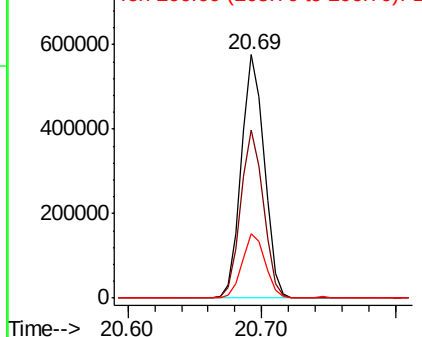


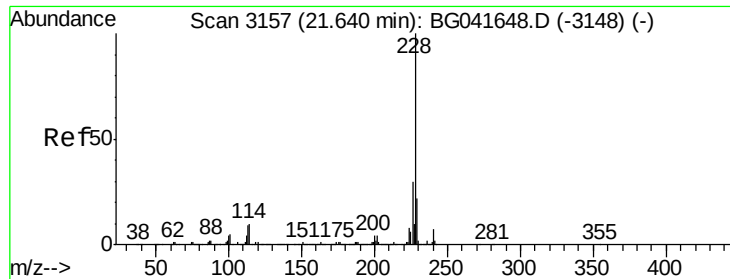
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.948 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

Tot Ion:228 Resp: 1544671

Ion Ratio Lower Upper

228 100

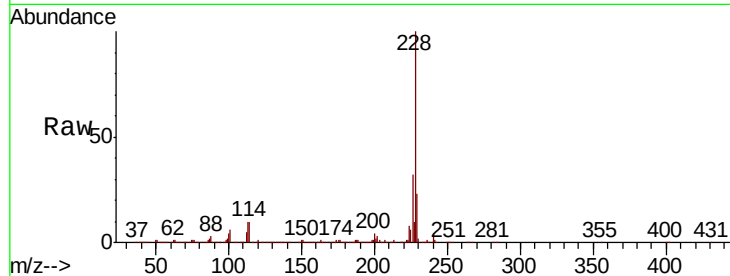
226 32.4 27.3 40.9

229 22.7 19.7 29.5

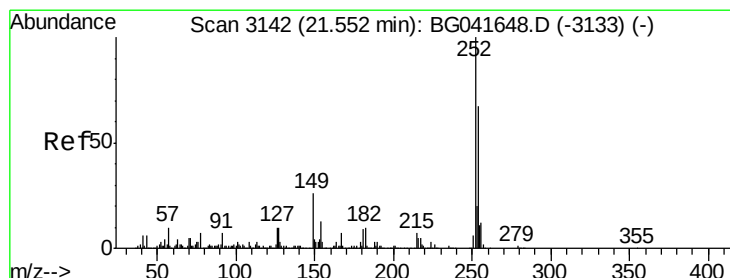
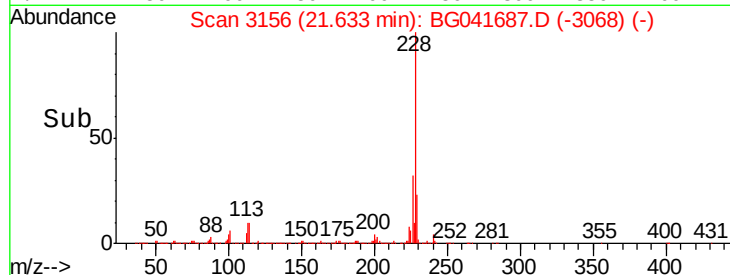
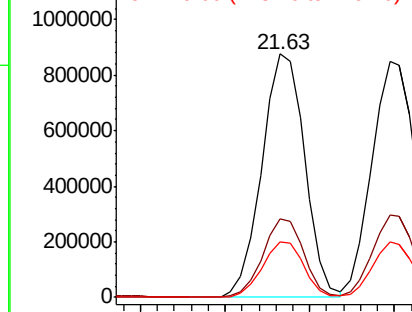
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.406 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

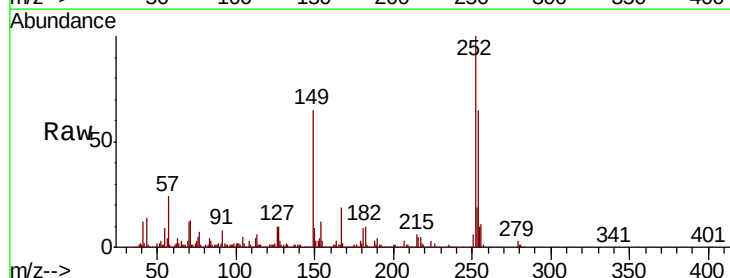
Tgt Ion:252 Resp: 505849

Ion Ratio Lower Upper

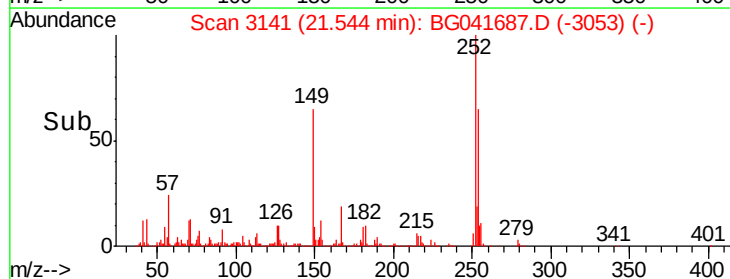
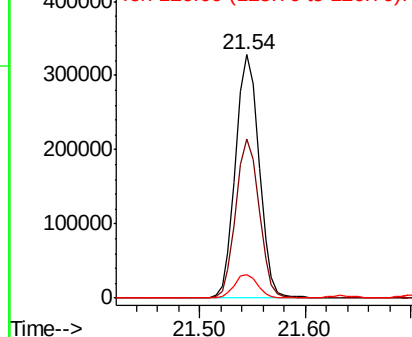
252 100

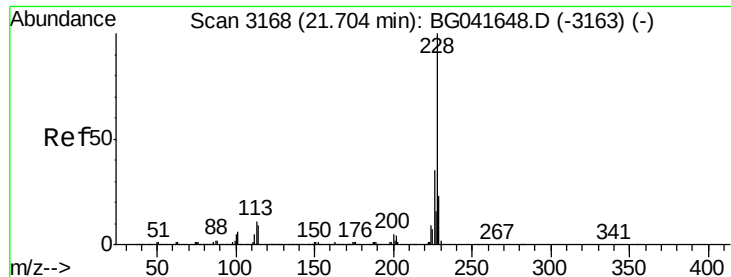
254 65.3 53.8 80.6

126 9.7 7.8 11.8



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





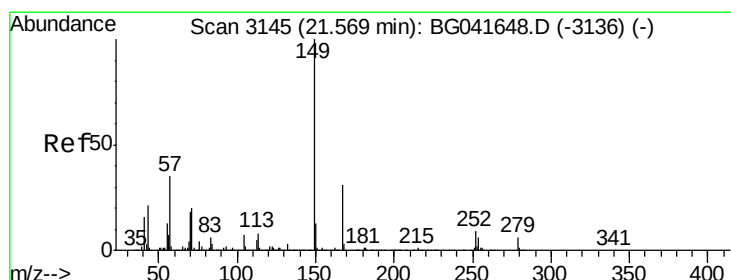
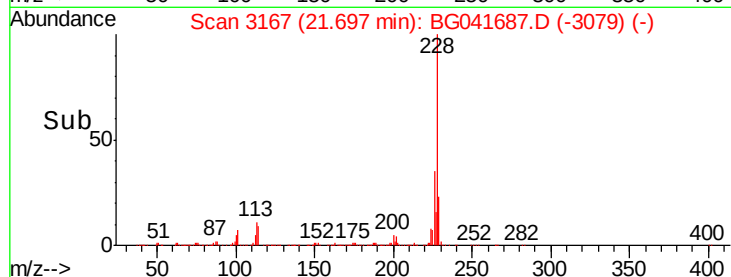
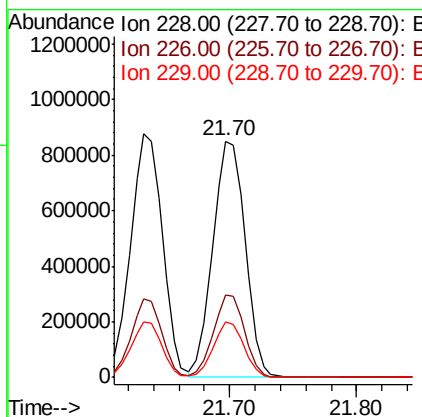
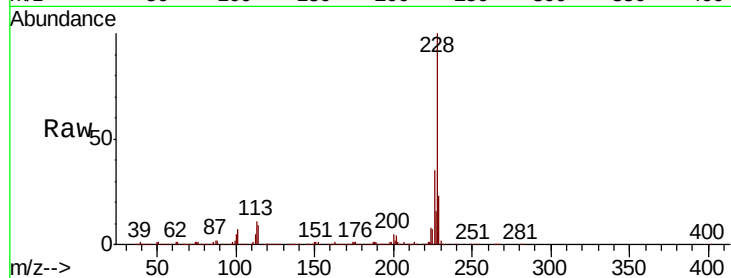
#83
Chrysene
Concen: 46.007 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.7	30.1	45.1
229	23.3	19.8	29.6

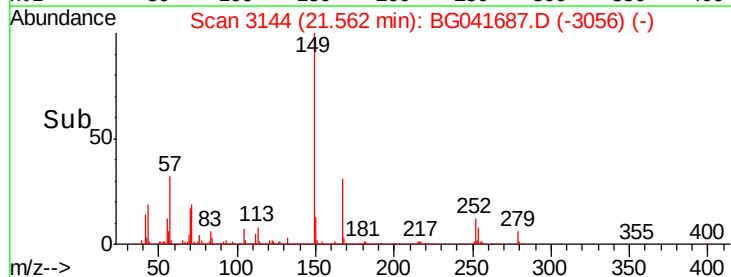
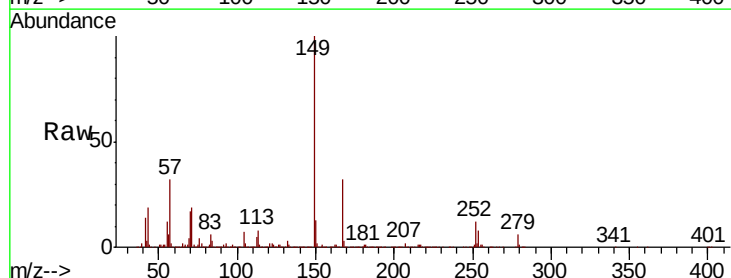
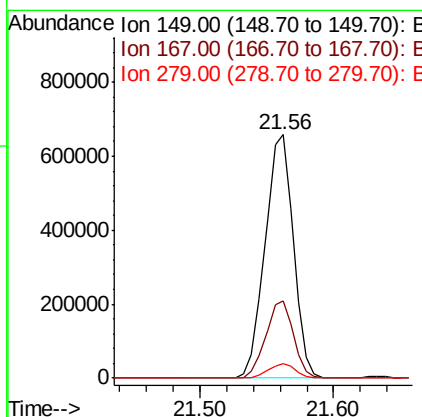
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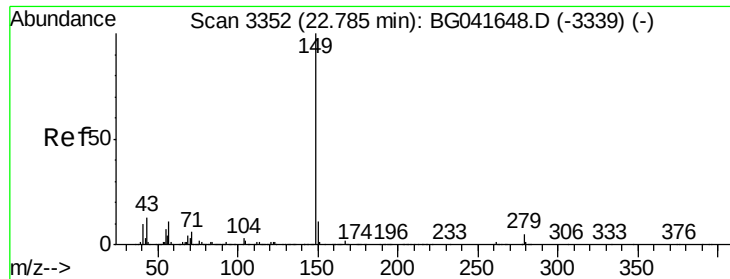
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.834 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.5	27.0	40.4
279	6.1	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 45.864 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.02 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

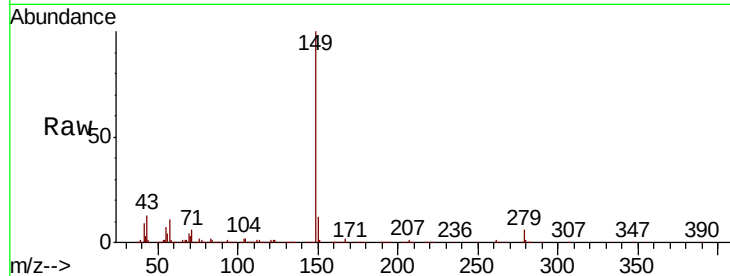
ClientSampleId :

PB121214BS

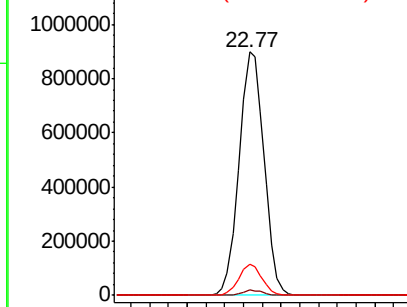
Tot Ion:	149	Resp:	1648483
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	11.8	10.6	16.0

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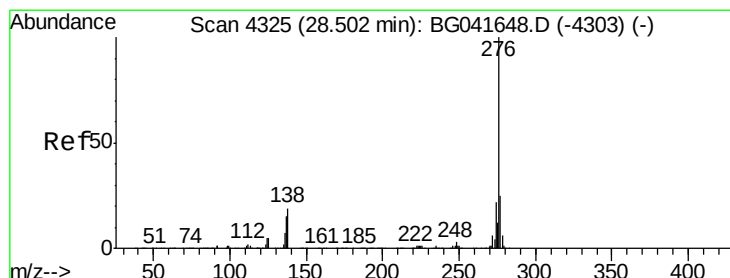
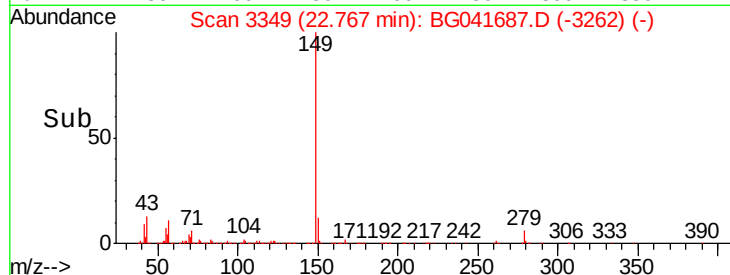
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Abundance Ion 149.00 (148.70 to 149.70): E
1200000 Ion 167.00 (166.70 to 167.70): E
1000000 Ion 43.00 (42.70 to 43.70): BGC



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.367 ng

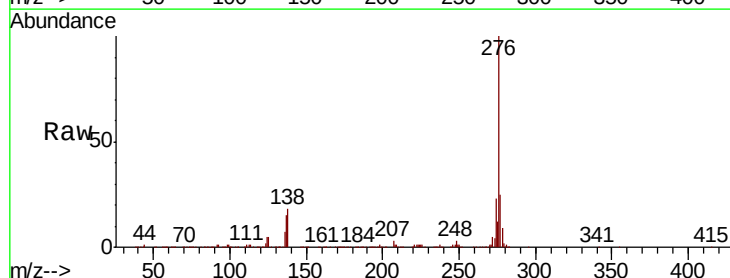
RT: 28.50 min Scan# 4324

Delta R.T. -0.03 min

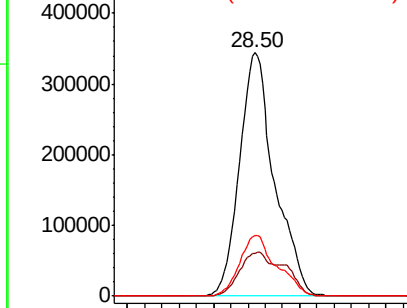
Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

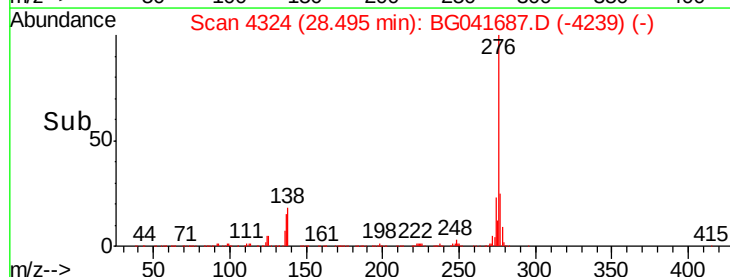
Tgt Ion:	276	Resp:	1965669
Ion	Ratio	Lower	Upper
276	100		
138	17.5	19.4	29.0#
277	26.3	21.2	31.8

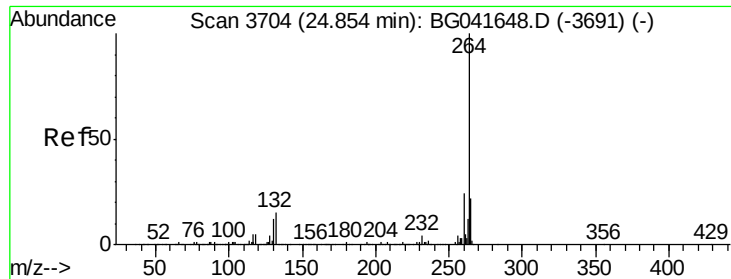


Abundance Ion 276.00 (275.70 to 276.70): E
400000 Ion 138.00 (137.70 to 138.70): E
300000 Ion 277.00 (276.70 to 277.70): E



Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3703

Delta R.T. -0.02 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

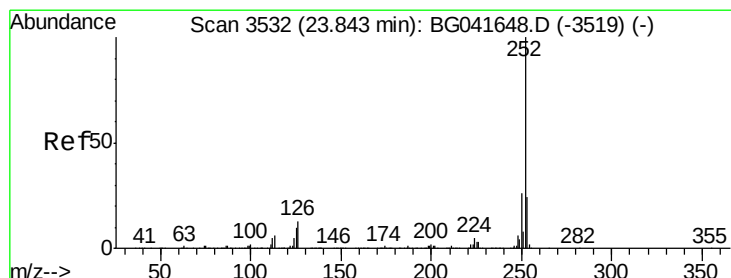
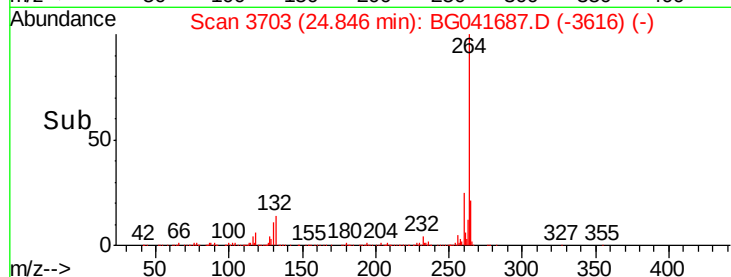
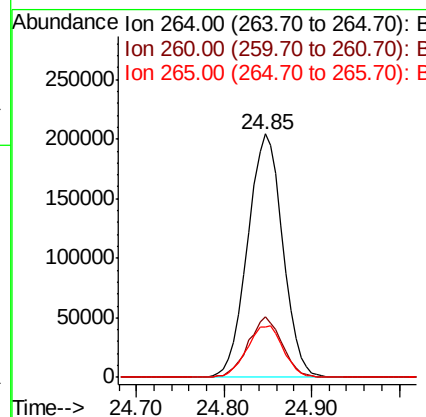
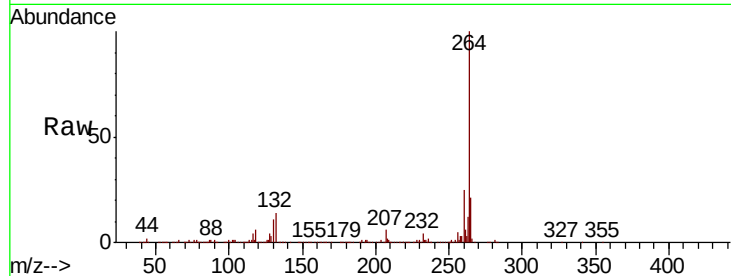
ClientSampled :

PB121214BS

Tot Ion:	264	Resp:	556163
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.5	29.3
265	20.9	18.0	27.0

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#88

Benzo(b)fluoranthene

Concen: 50.798 ng

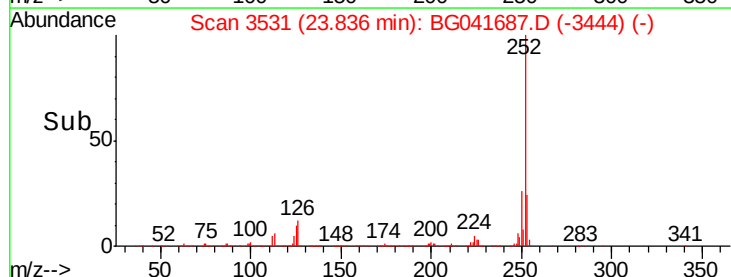
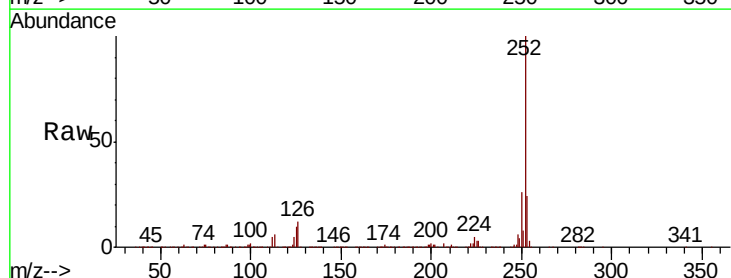
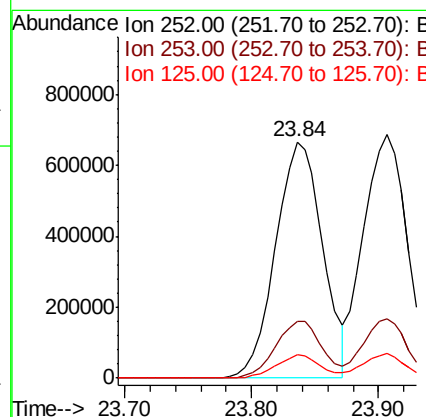
RT: 23.84 min Scan# 3531

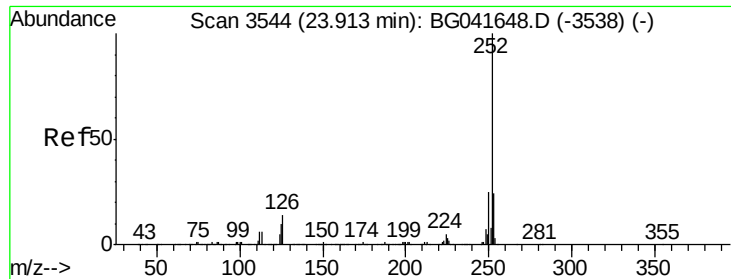
Delta R.T. -0.02 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Tgt Ion:	252	Resp:	1713702
Ion Ratio	Lower	Upper	
252	100		
253	24.3	20.6	30.8
125	10.1	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 52.759 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

Tot Ion:252 Resp: 1649230

Ion Ratio Lower Upper

252 100

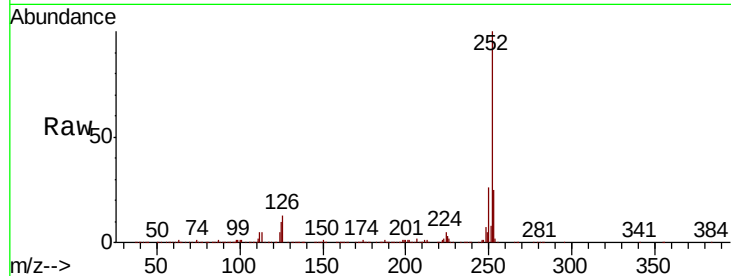
253 24.5 20.5 30.7

125 10.0 8.4 12.6

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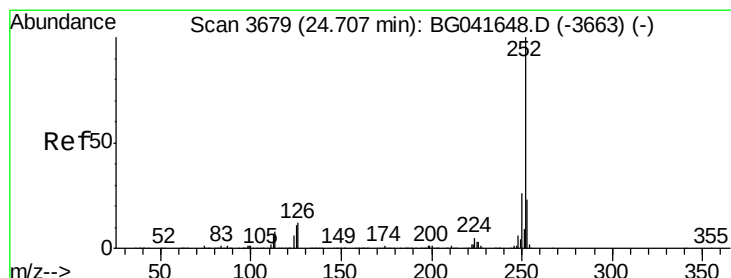
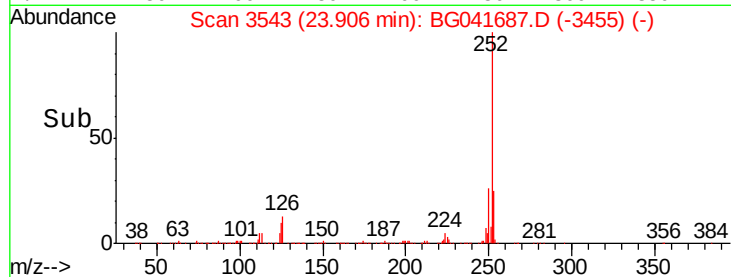
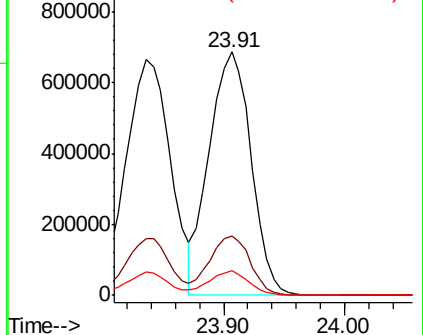


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 52.903 ng

RT: 24.70 min Scan# 3678

Delta R.T. -0.02 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Tgt Ion:252 Resp: 1688568

Ion Ratio Lower Upper

252 100

253 23.0 19.8 29.8

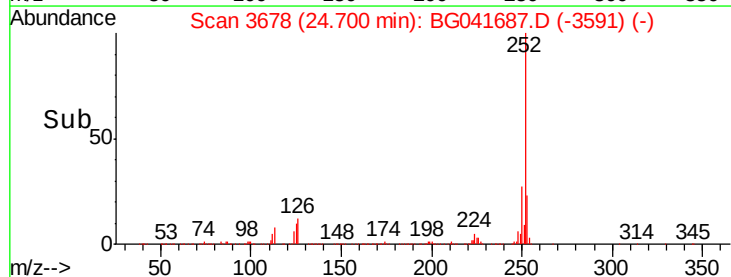
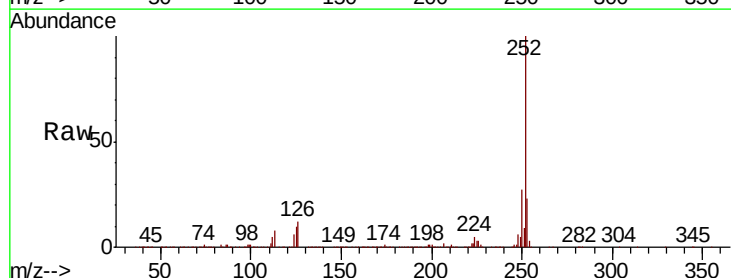
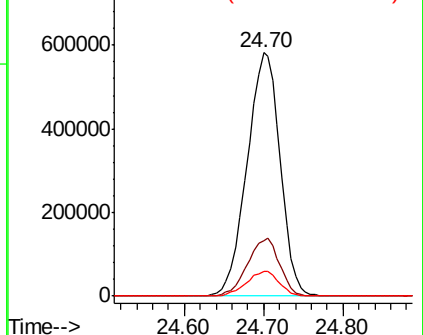
125 10.4 8.8 13.2

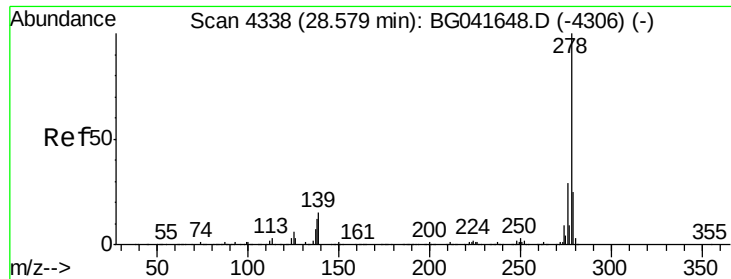
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





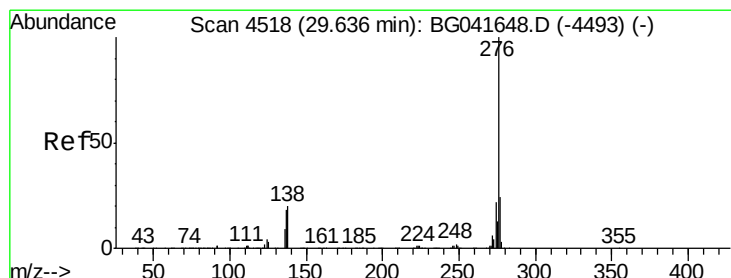
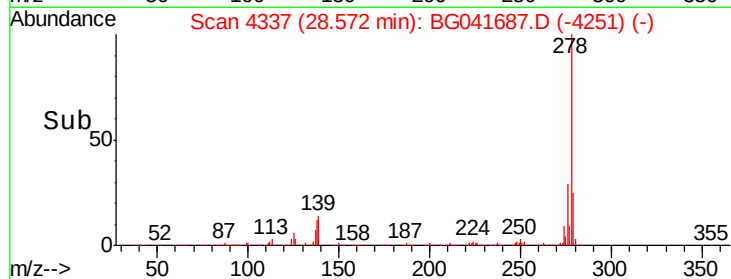
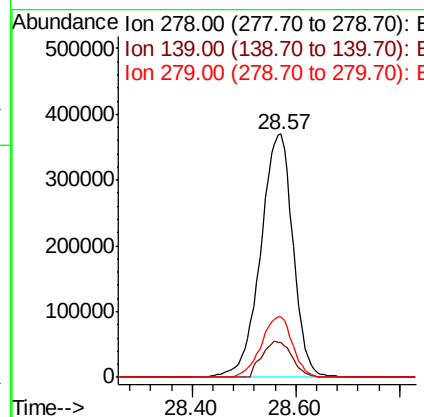
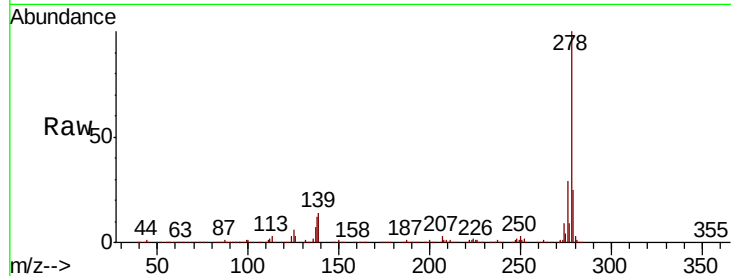
#91
Dibenzo(a,h)anthracene
Concen: 51.893 ng
RT: 28.57 min Scan# 4337
Delta R.T. -0.02 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	12.6	19.0
279	24.7	20.5	30.7

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#92
Benzo(g,h,i)perylene
Concen: 52.389 ng
RT: 29.64 min Scan# 4519
Delta R.T. -0.02 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.8
138	20.3	16.6	25.0

