

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038287.D
 Acq On : 1 Dec 2018 14:47
 Operator : JU/SJ
 Sample : PB115178BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Manual Integrations
 APPROVED

mohammad
 12/3/2018 5:13:20 PM

Quant Time: Dec 03 06:44:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	26727	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	113696	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	73408	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	181192	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	172202	20.00	ng	-0.01
87) Perylene-d12	25.06	264	178643	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	172579	111.49	ng	-0.01
7) Phenol-d6	7.23	99	240262	108.73	ng	0.00
23) Nitrobenzene-d5	9.25	82	150601	70.91	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	100417	119.94	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	352456	69.95	ng	-0.01
79) Terphenyl-d14	20.06	244	607801	83.05	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	21068	28.814	ng	# 94
3) Pyridine	3.91	79	60118	28.823	ng	90
4) n-Nitrosodimethylamine	3.84	42	35087	46.369	ng	83
6) Aniline	7.40	93	56824	19.925	ng	97
8) 2-Chlorophenol	7.64	128	72868	40.568	ng	99
9) Benzaldehyde	7.22	77	43362	27.136	ng	95
10) Phenol	7.25	94	96450	41.209	ng	93
11) bis(2-Chloroethyl)ether	7.50	93	66850	34.986	ng	97
12) 1,3-Dichlorobenzene	7.96	146	72043	34.816	ng	97
13) 1,4-Dichlorobenzene	8.11	146	74103	35.452	ng	98
14) 1,2-Dichlorobenzene	8.43	146	70935	35.545	ng	97
15) Benzyl Alcohol	8.32	79	68228	42.672	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	153354	43.222	ng	95
17) 2-Methylphenol	8.51	107	64988	41.070	ng	# 91
18) Hexachloroethane	9.16	117	27676	36.381	ng	88
19) n-Nitroso-di-n-propylamine	8.88	70	57724	36.103	ng	89
20) 3+4-Methylphenols	8.84	107	91954	40.993	ng	95
22) Acetophenone	8.91	105	108363	38.307	ng	# 94
24) Nitrobenzene	9.29	77	87488	40.266	ng	98
25) Isophorone	9.81	82	168395	44.049	ng	98
26) 2-Nitrophenol	10.00	139	42353	39.047	ng	90
27) 2,4-Dimethylphenol	10.05	122	77978	47.714	ng	99
28) bis(2-Chloroethoxy)methane	10.29	93	97581	39.918	ng	98
29) 2,4-Dichlorophenol	10.54	162	78917	42.931	ng	95
30) 1,2,4-Trichlorobenzene	10.75	180	76712	37.241	ng	96
31) Naphthalene	10.94	128	229279	41.000	ng	99
32) Benzoic acid	10.18	122	34627	36.784	ng	97
33) 4-Chloroaniline	11.06	127	36301	13.955	ng	97
34) Hexachlorobutadiene	11.21	225	46598	36.756	ng	97
35) Caprolactam	11.84	113	30984m	42.110	ng	
36) 4-Chloro-3-methylphenol	12.17	107	89112	44.372	ng	95
37) 2-Methylnaphthalene	12.54	142	171518	42.700	ng	96
38) 1-Methylnaphthalene	12.77	142	162447	42.014	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	89756	36.591	ng	97

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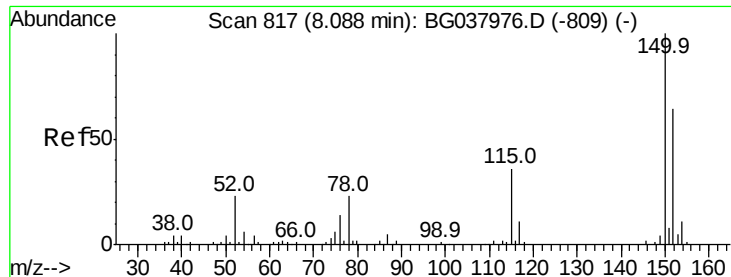
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	105920	80.639	nq	98
43) 2,4,6-Trichlorophenol	13.15	196	65782	39.354	nq	96
44) 2,4,5-Trichlorophenol	13.22	196	73727	41.920	nq	95
46) 1,1'-Biphenyl	13.55	154	222590	36.093	nq	99
47) 2-Chloronaphthalene	13.59	162	178282	37.884	nq	99
48) 2-Nitroaniline	13.81	65	65195	44.018	nq	97
49) Acenaphthylene	14.44	152	297822	42.084	nq	99
50) Dimethylphthalate	14.16	163	246394	42.339	nq	99
51) 2,6-Dinitrotoluene	14.29	165	54921	41.697	nq	90
52) Acenaphthene	14.78	154	168996	39.667	nq	98
53) 3-Nitroaniline	14.63	138	25402	17.478	nq	# 96
54) 2,4-Dinitrophenol	14.83	184	67689	93.455	nq	# 82
55) Dibenzofuran	15.11	168	281029	39.892	nq	96
56) 4-Nitrophenol	14.92	139	96221	85.839	nq	83
57) 2,4-Dinitrotoluene	15.08	165	79942	44.609	nq	96
58) Fluorene	15.76	166	230165	43.789	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	67842	46.098	nq	97
60) Diethylphthalate	15.52	149	259786	42.028	nq	98
61) 4-Chlorophenyl-phenylether	15.74	204	120597	39.211	nq	99
62) 4-Nitroaniline	15.79	138	59244	41.033	nq	92
63) Azobenzene	16.04	77	237372	42.950	nq	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	48387	42.221	nq	93
66) n-Nitrosodiphenylamine	15.96	169	212916	38.842	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	79348	39.899	nq	97
68) Hexachlorobenzene	16.76	284	81857	39.876	nq	96
69) Atrazine	16.90	200	85537	42.331	nq	98
70) Pentachlorophenol	17.10	266	101221	72.603	nq	92
71) Phenanthrene	17.50	178	400923	43.218	nq	98
72) Anthracene	17.60	178	410479	44.888	nq	99
73) Carbazole	17.87	167	372130	40.561	nq	100
74) Di-n-butylphthalate	18.40	149	455649	44.243	nq	98
75) Fluoranthene	19.51	202	488117	46.118	nq	98
77) Benzidine	19.69	184	160530	26.567	nq	99
78) Pyrene	19.88	202	490076	43.529	nq	96
80) Butylbenzylphthalate	20.74	149	203983	41.430	nq	98
81) Benzo(a)anthracene	21.72	228	445666	42.826	nq	99
82) 3,3'-Dichlorobenzidine	21.64	252	79200	19.538	nq	99
83) Chrysene	21.79	228	414857	41.666	nq	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	286971	40.870	nq	98
85) Di-n-octyl phthalate	22.82	149	486922	42.865	nq	98
86) Indeno(1,2,3-cd)pyrene	28.86	276	489727	44.286	nq	# 97
88) Benzo(b)fluoranthene	23.99	252	430882	43.830	nq	97
89) Benzo(k)fluoranthene	24.06	252	426369	43.953	nq	99
90) Benzo(a)pyrene	24.90	252	424759	45.211	nq	99
91) Dibenzo(a,h)anthracene	28.93	278	404058	44.698	nq	99
92) Benzo(g,h,i)perylene	30.06	276	403997	44.947	nq	97

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



#1

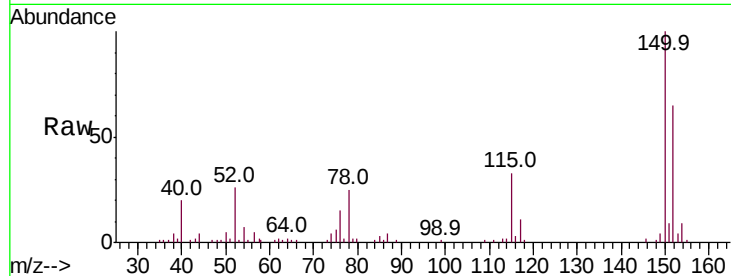
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.0	189.0
115	50.7	45.5	68.3

Manual Integrations
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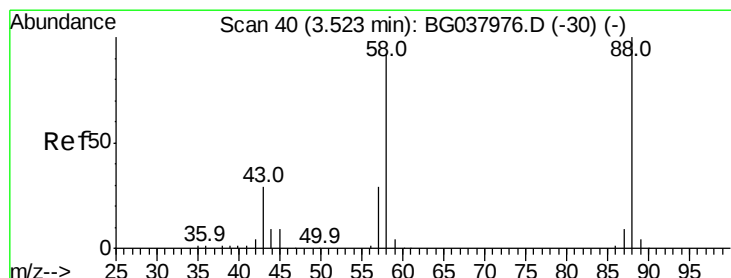
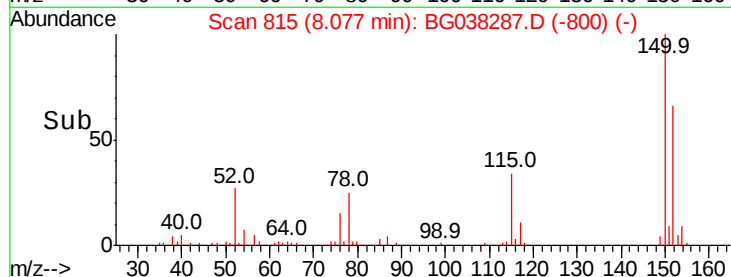
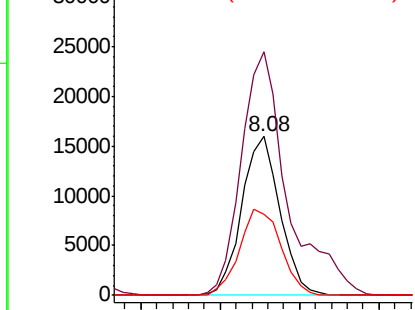


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

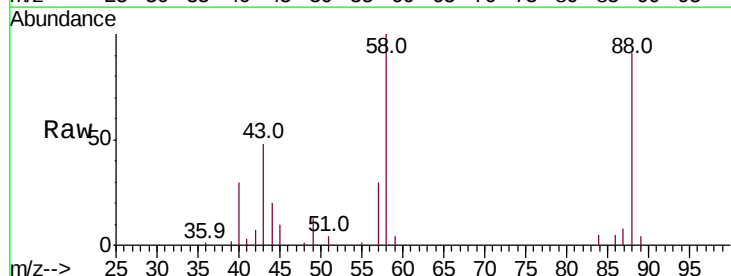
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.814 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.02 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.5	74.4	111.6
43	38.8	25.8	38.8#

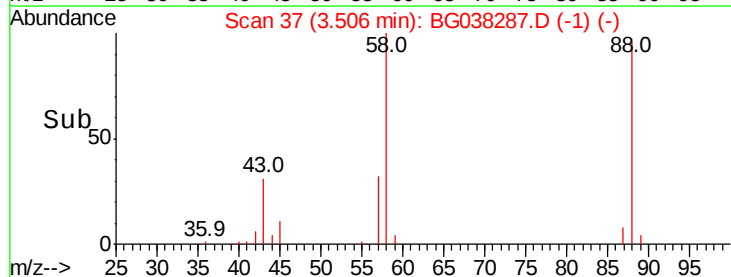
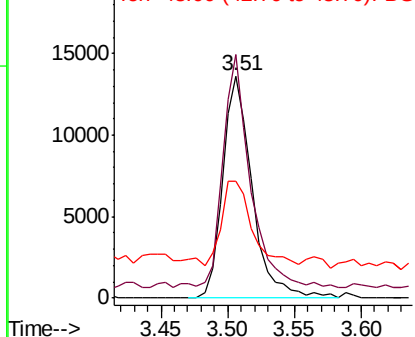


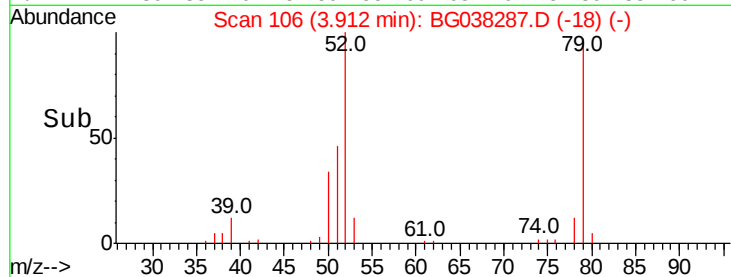
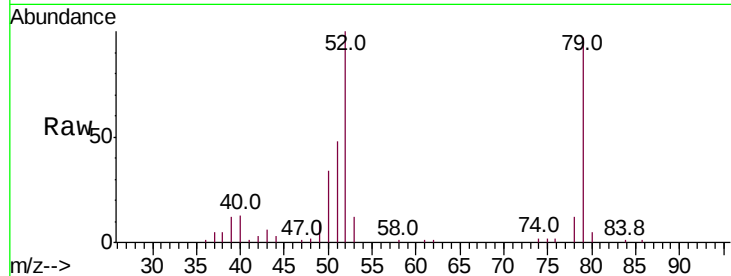
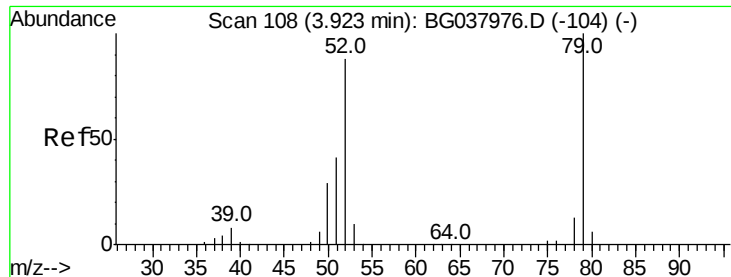
Abundance

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





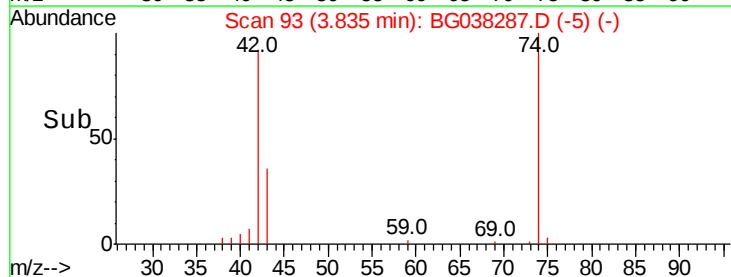
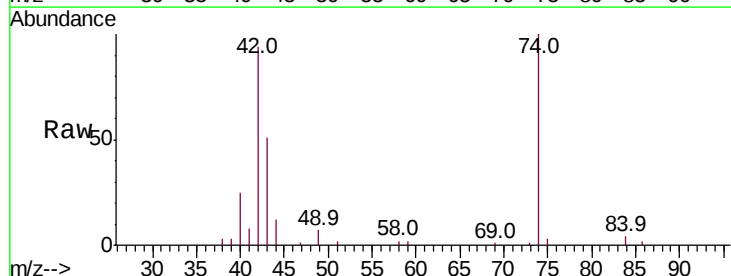
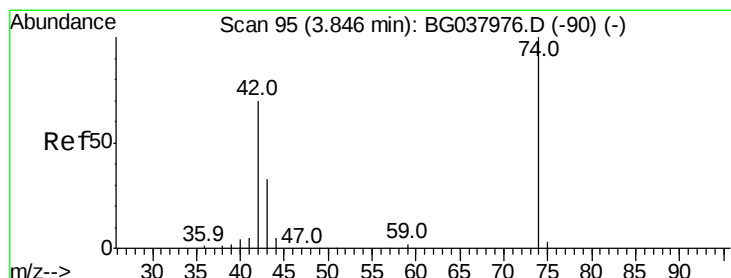
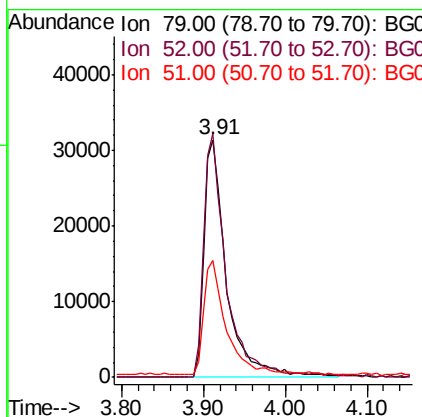
#3
Pvridine
Concen: 28.823 ng
RT: 3.91 min Scan# 106
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tot Ion: 79 Resp: 60118
Ion Ratio Lower Upper
79 100
52 102.6 74.2 111.2
51 49.1 34.6 51.8

Instrument :
BNA_G
ClientSampleId :
PB115178BS

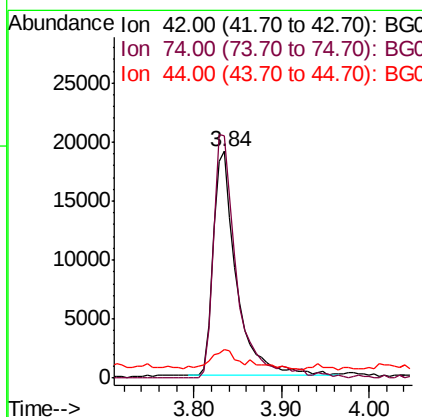
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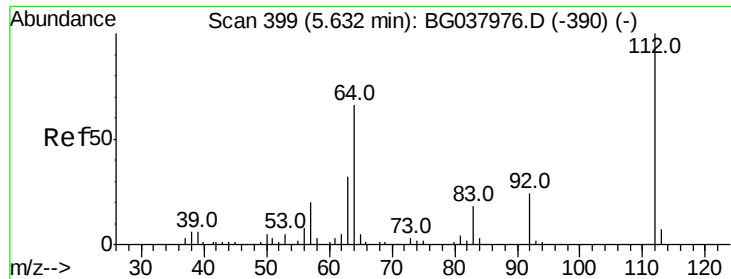
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#4
n-Nitrosodimethylamine
Concen: 46.369 ng
RT: 3.84 min Scan# 93
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion: 42 Resp: 35087
Ion Ratio Lower Upper
42 100
74 106.9 102.0 153.0
44 12.7 9.6 14.4





#5

2-Fluorophenol

Concen: 111.486 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

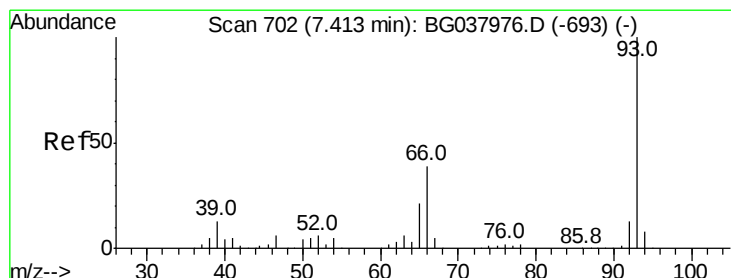
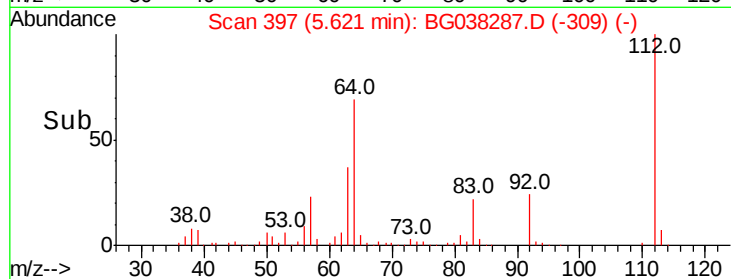
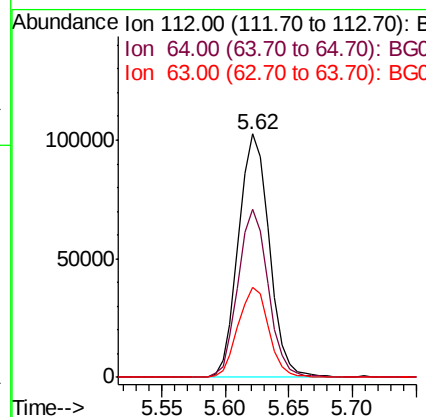
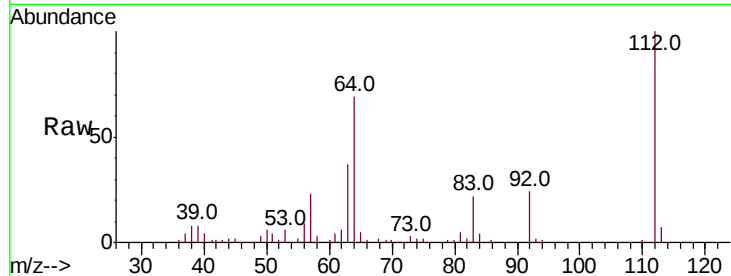
ClientSampleId :

PB115178BS

Tot Ion:	112	Resp:	172579
Ion Ratio	Lower	Upper	
112	100		
64	68.8	53.1	79.7
63	36.9	27.3	40.9

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#6

Aniline

Concen: 19.925 ng

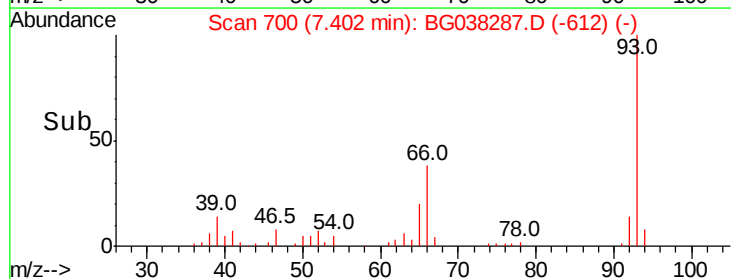
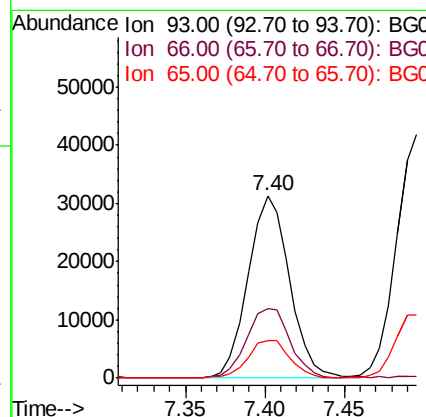
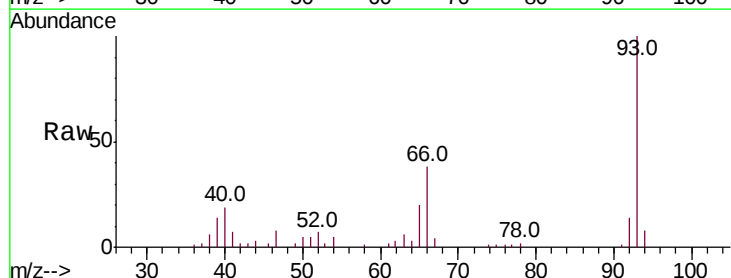
RT: 7.40 min Scan# 700

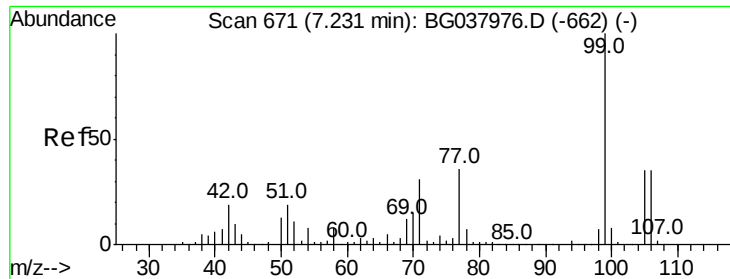
Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Tgt Ion:	93	Resp:	56824
Ion Ratio	Lower	Upper	
93	100		
66	37.9	32.8	49.2
65	20.3	16.4	24.6





#7

Phenol-d6

Concen: 108.733 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleId :

PB115178BS

Tot Ion: 99 Resp: 240262

Ion Ratio Lower Upper

99 100

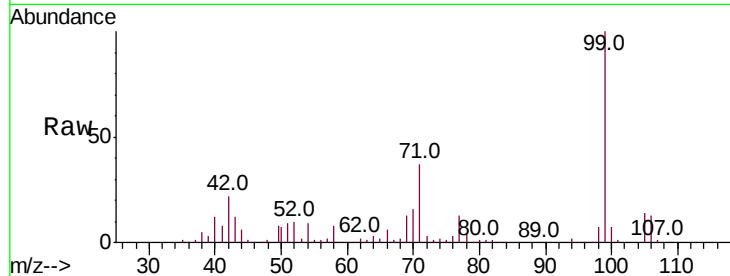
42 22.2 15.0 22.4

71 36.6 25.5 38.3

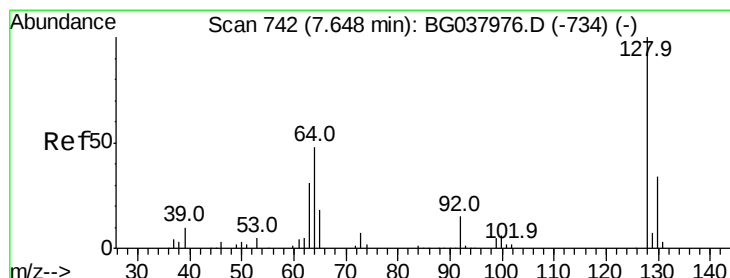
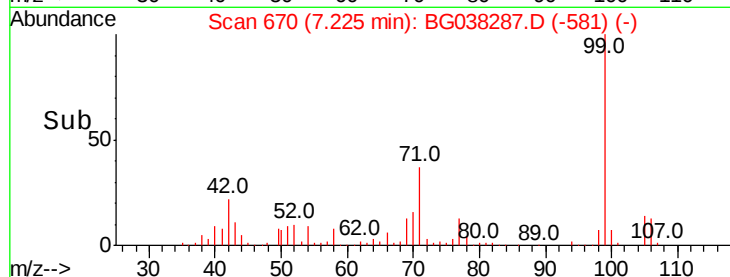
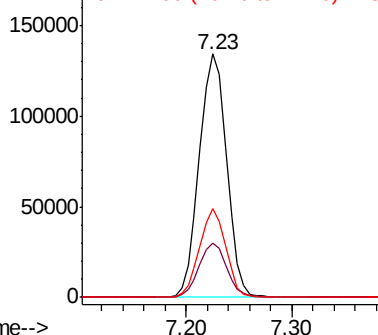
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.568 ng

RT: 7.64 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

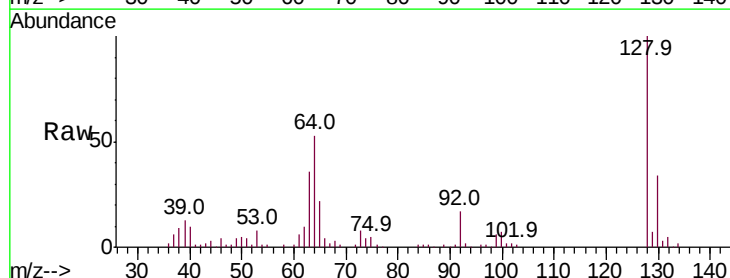
Tgt Ion:128 Resp: 72868

Ion Ratio Lower Upper

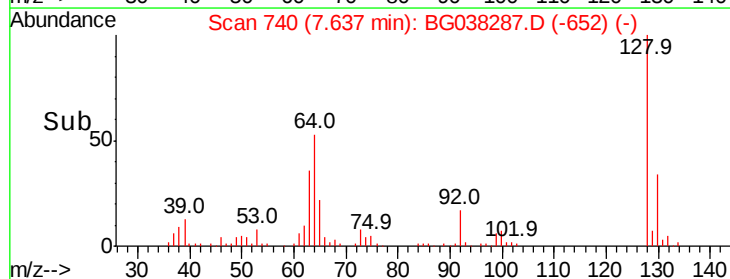
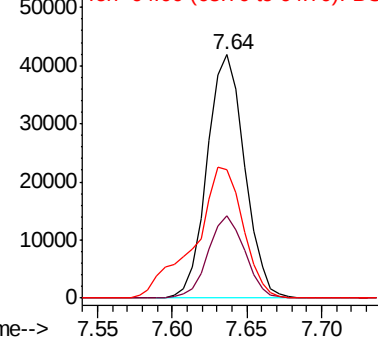
128 100

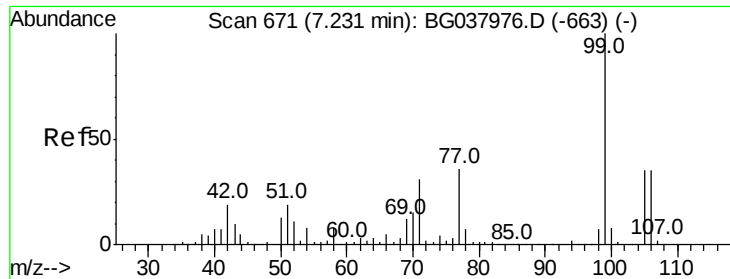
130 33.8 12.0 52.0

64 53.0 32.9 72.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 27.136 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleId :

PB115178BS

Tot Ion: 77 Resp: 43362

Ion Ratio Lower Upper

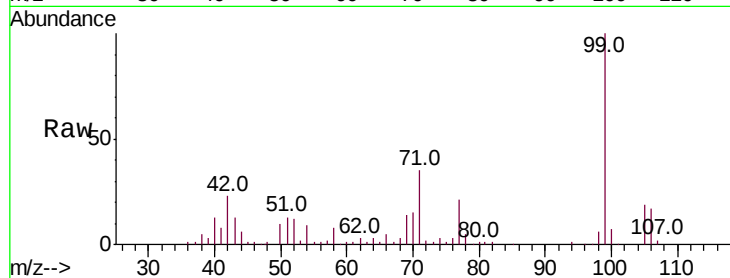
77 100

105 91.1 72.6 112.6

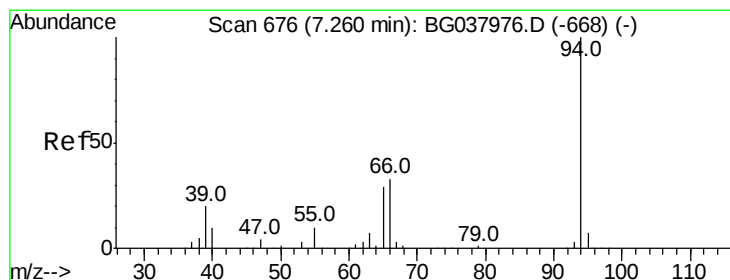
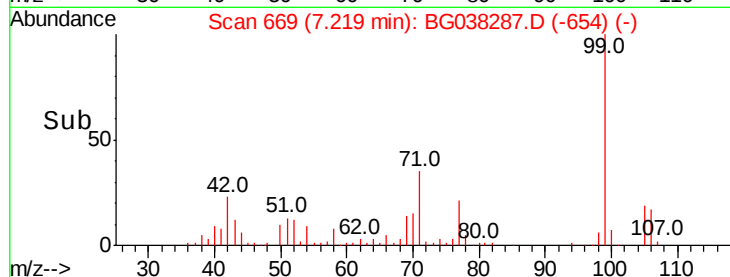
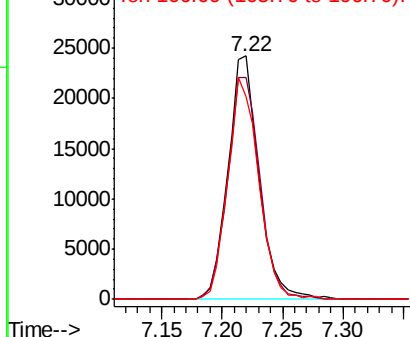
106 83.1 71.3 111.3

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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.209 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

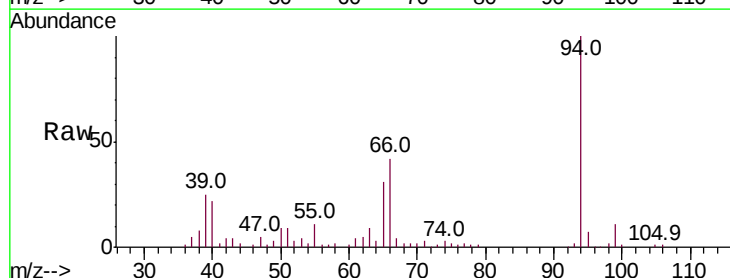
Tgt Ion: 94 Resp: 96450

Ion Ratio Lower Upper

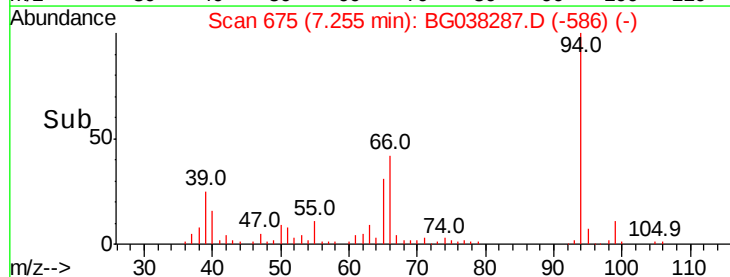
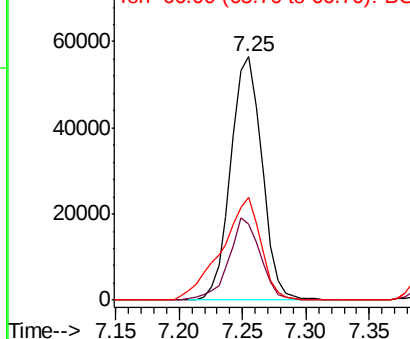
94 100

65 31.4 9.7 49.7

66 42.1 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

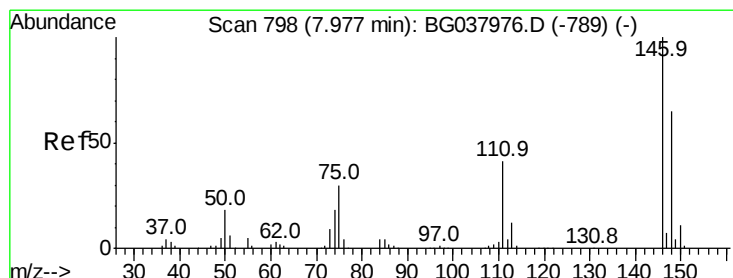
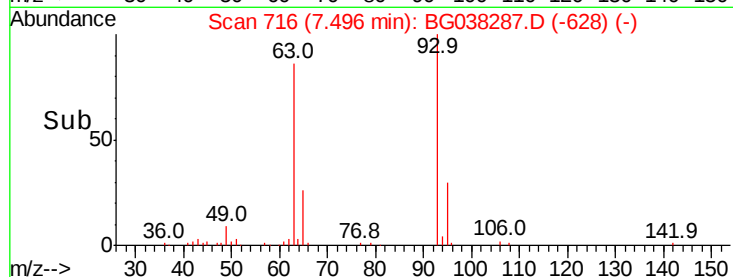
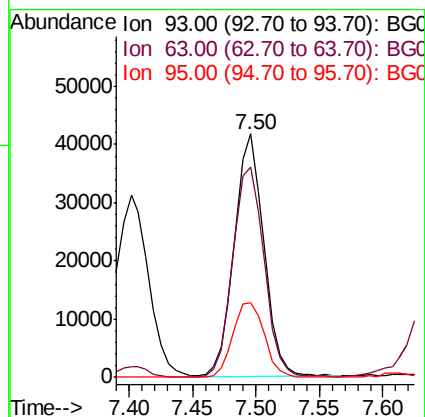
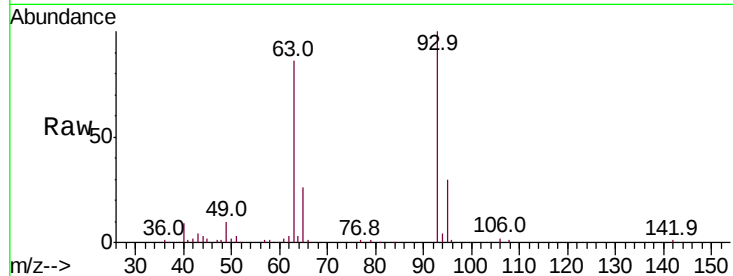
bis(2-Chloroethyl)ether
Concen: 34.986 ng
RT: 7.50 min Scan# 716
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.4	69.5	109.5
95	30.4	12.6	52.6

Manual Integrations
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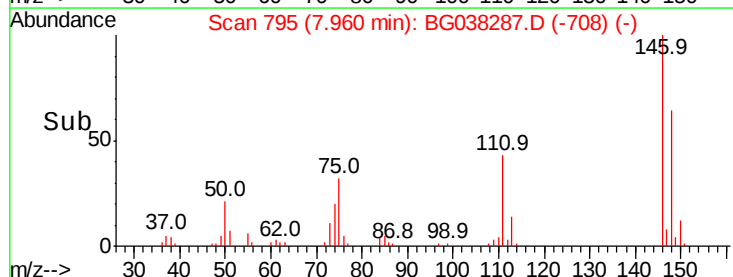
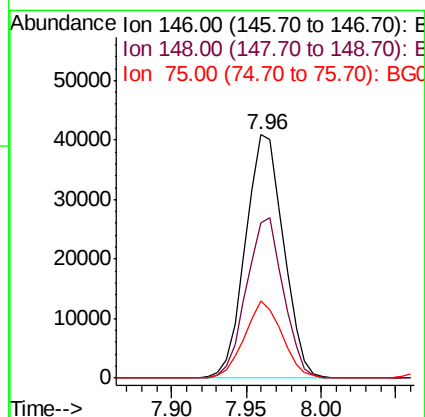
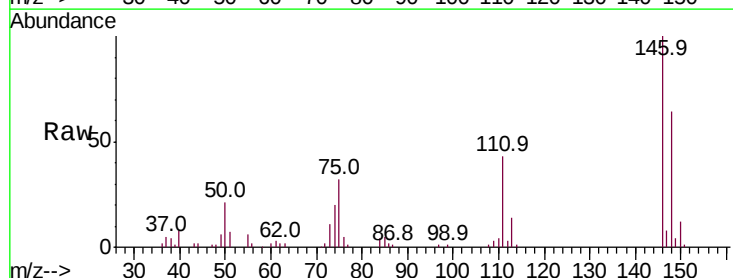
mohammad
12/3/2018 5:13:20 PM

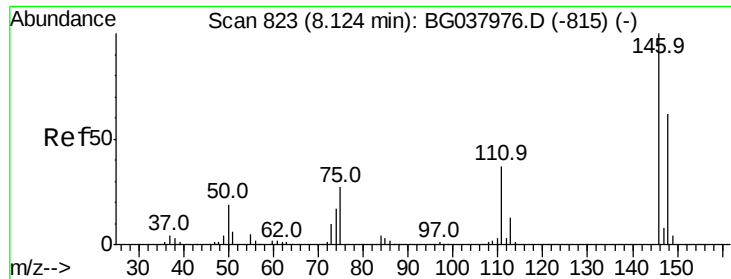


#12

1,3-Dichlorobenzene
Concen: 34.816 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.02 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	49.8	74.8
75	31.8	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 35.452 ng

RT: 8.11 min Scan# 821

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

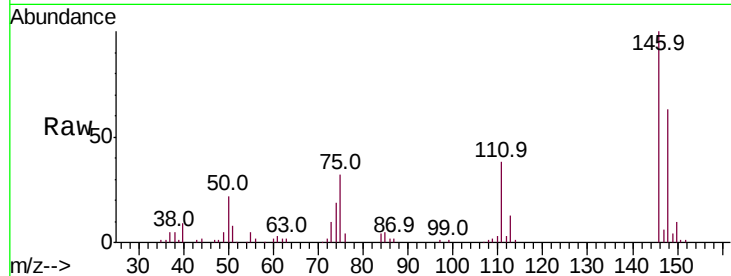
ClientSampleId :

PB115178BS

Tot Ion:	146	Resp:	74103
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.0	76.6
111	38.0	32.4	48.6

Manual Integrations
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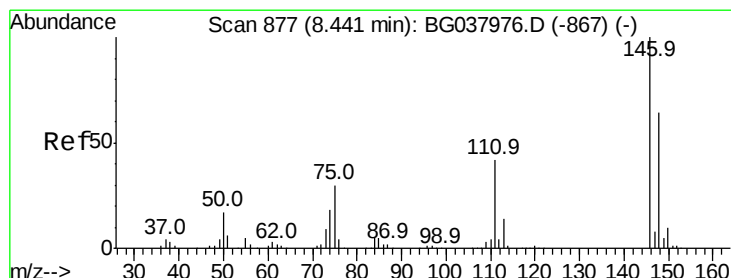
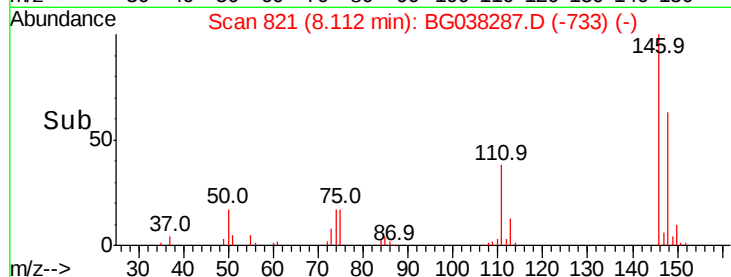
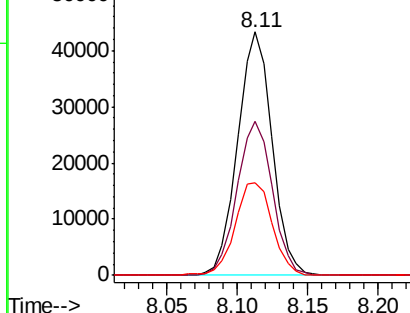


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.545 ng

RT: 8.43 min Scan# 875

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

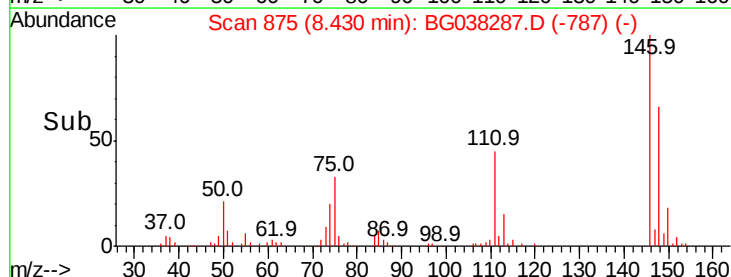
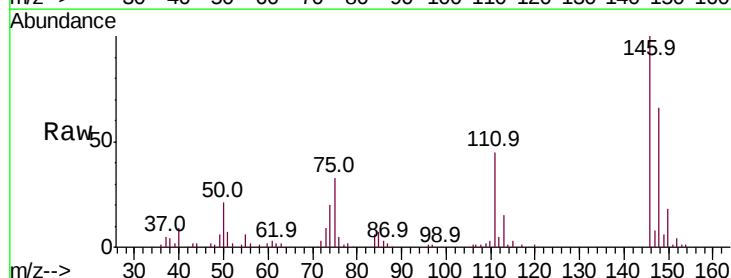
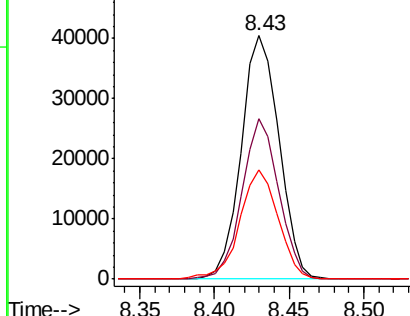
Tgt Ion:	146	Resp:	70935
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.4	75.6
111	44.9	34.6	51.8

Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





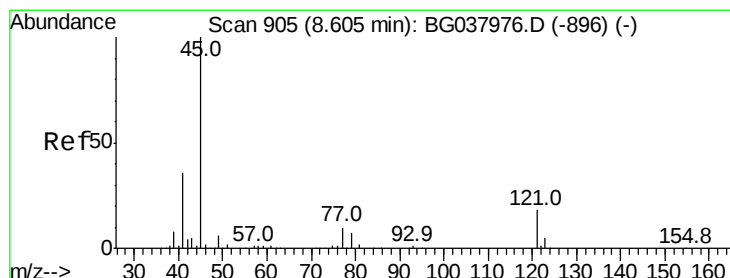
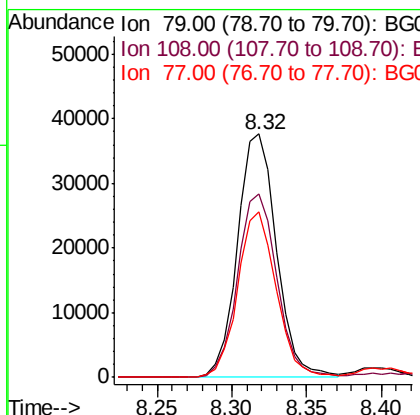
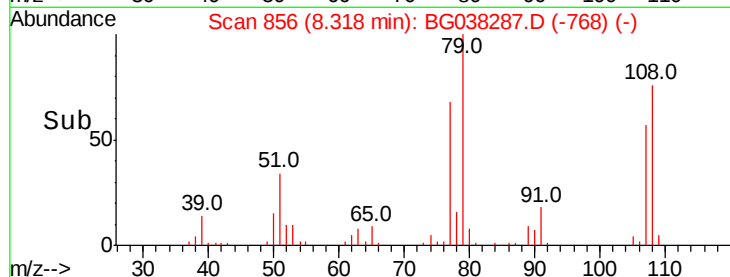
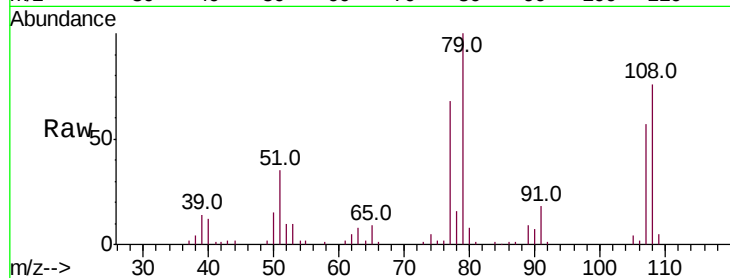
#15
Benzyl Alcohol
Concen: 42.672 ng
RT: 8.32 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.6	65.8	98.8
77	67.9	52.9	79.3

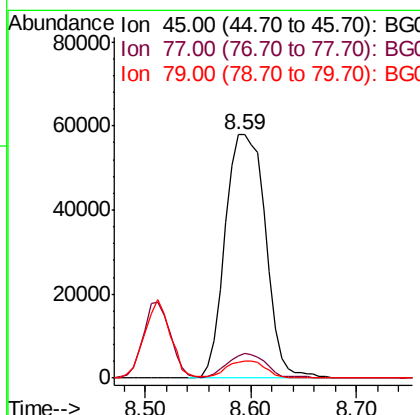
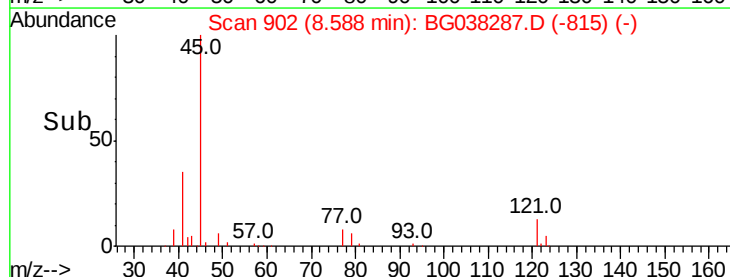
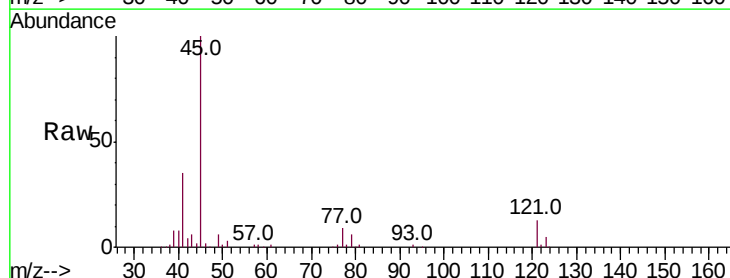
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.222 ng
RT: 8.59 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.0	0.0	30.0
79	6.3	0.0	29.0





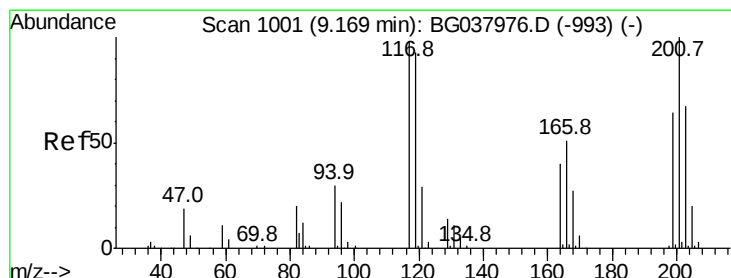
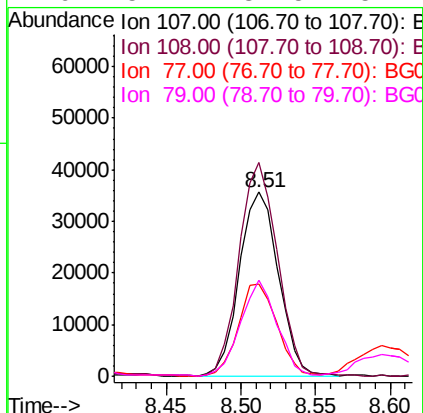
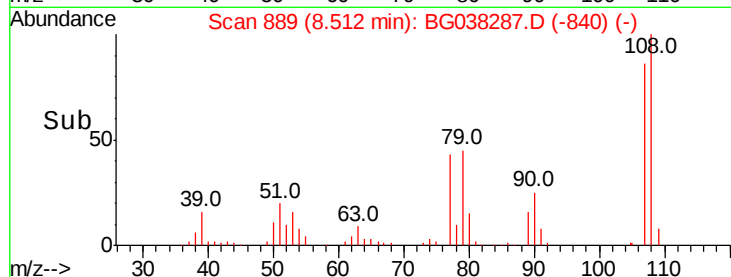
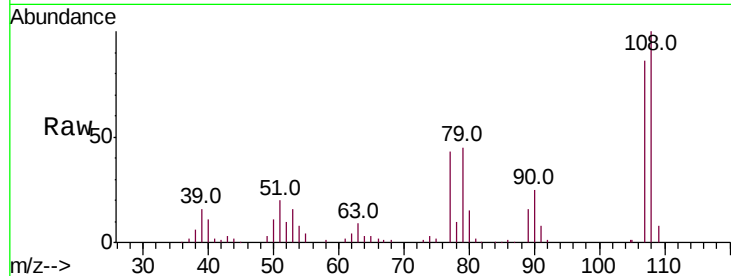
#17
2-Methylphenol
Concen: 41.070 ng
RT: 8.51 min Scan# 889
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.1	87.9	131.9
77	50.4	35.1	52.7
79	52.1	34.5	51.7

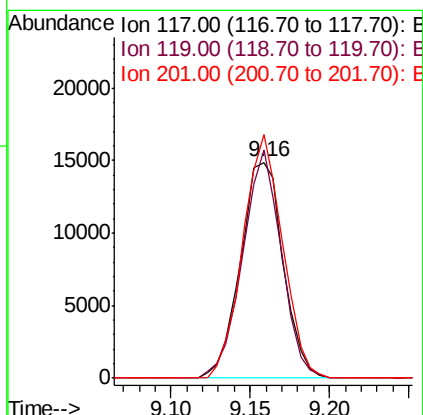
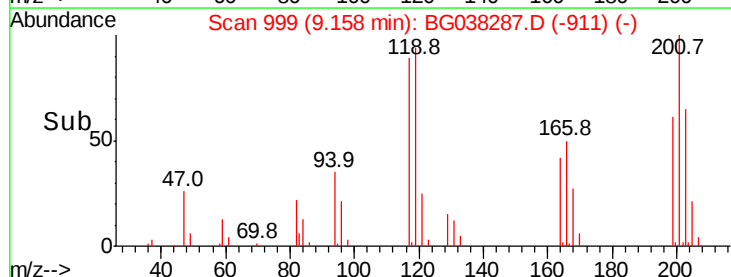
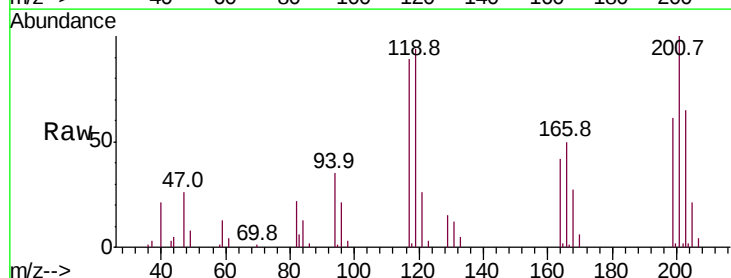
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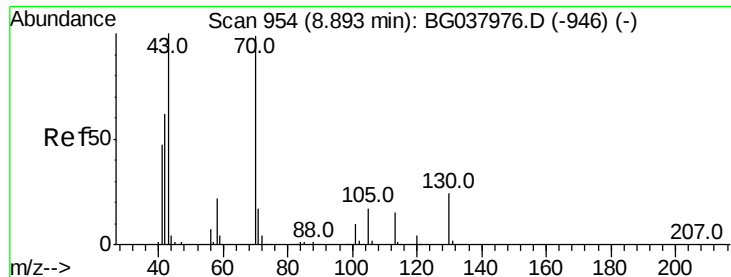
mohammad
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#18
Hexachloroethane
Concen: 36.381 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	106.0	74.6	111.8
201	112.8	80.8	121.2





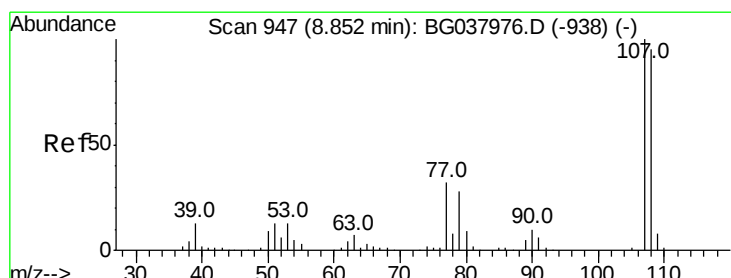
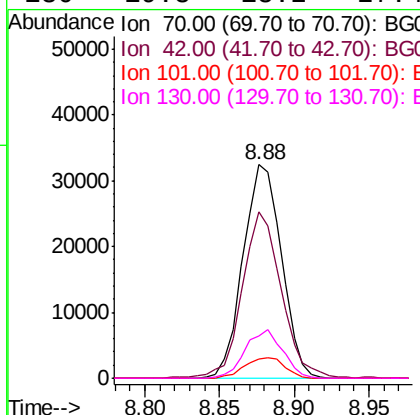
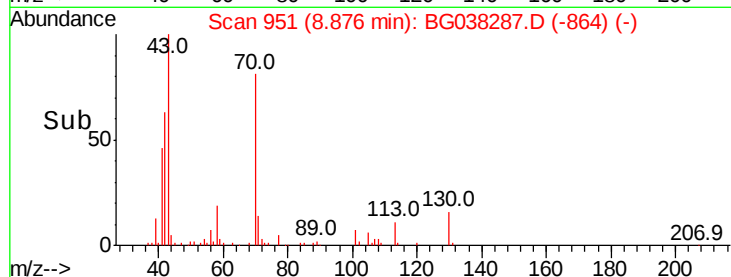
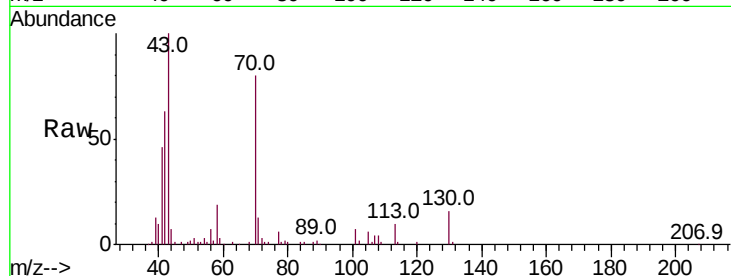
#19
n-Nitroso-di-n-propylamine
Concen: 36.103 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.02 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	78.2	53.9	80.9	
101	9.2	8.2	12.2	
130	19.8	18.2	27.4	

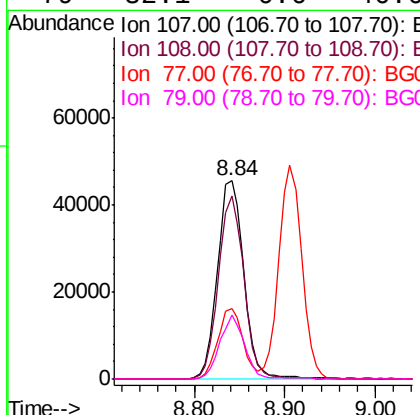
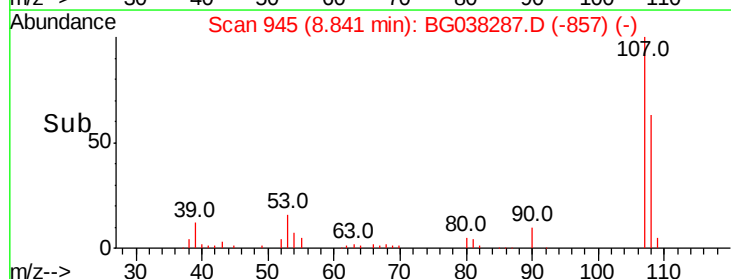
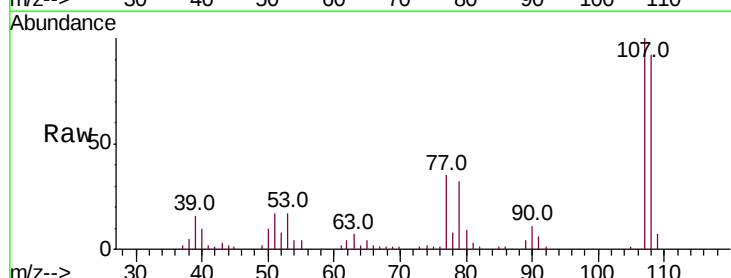
Manual Integrations
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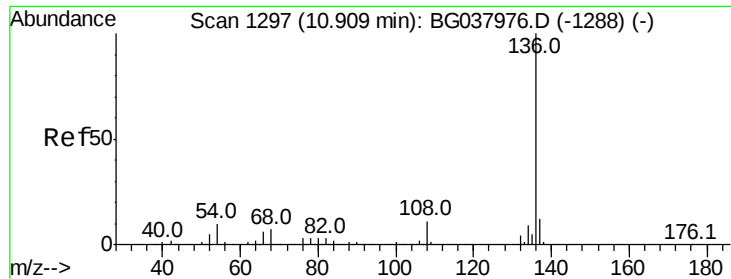
mohammad
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#20
3+4-Methylphenols
Concen: 40.993 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.0	69.9	109.9	
77	35.3	11.2	51.2	
79	32.1	6.6	46.6	





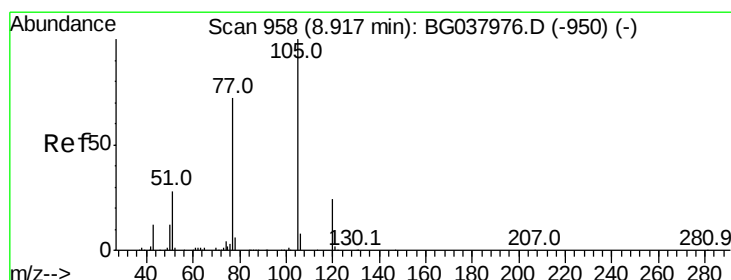
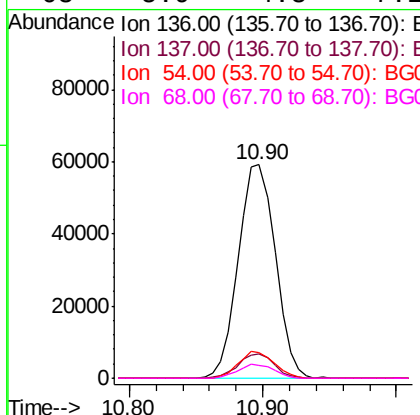
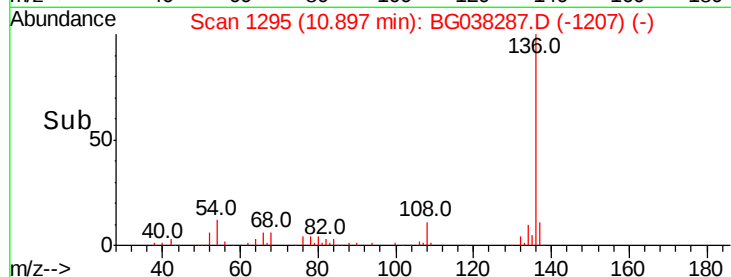
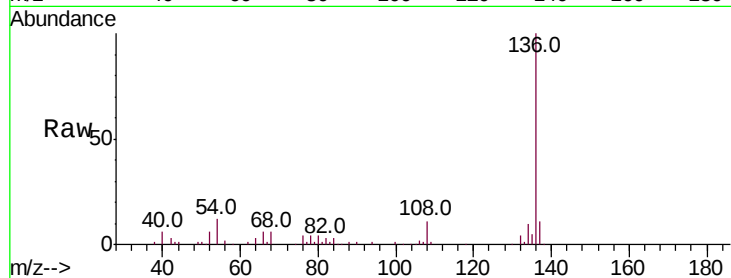
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.6	14.4	
54	12.3	7.9	11.9	
68	5.9	4.8	7.2	

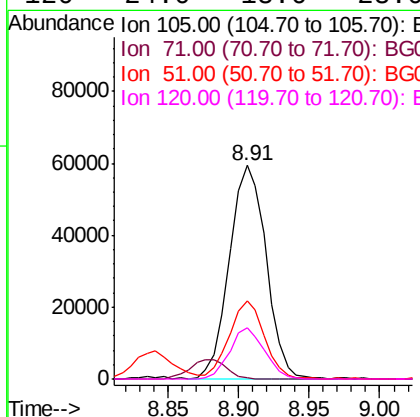
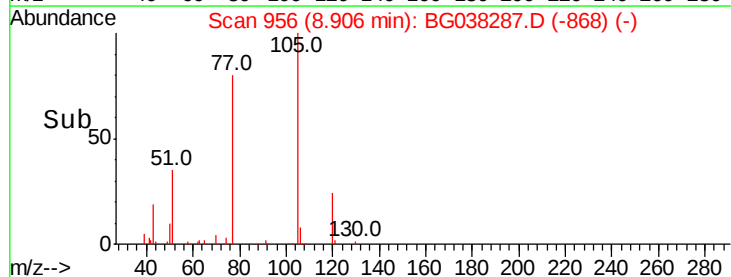
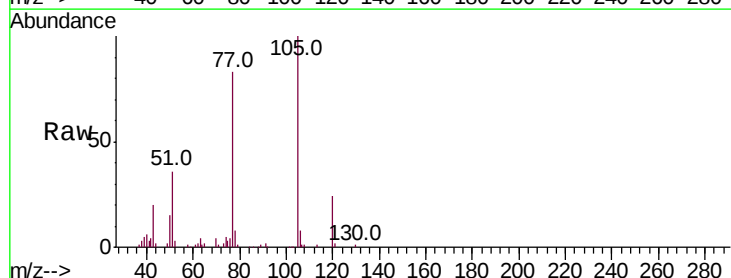
Manual Integrations
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#22
Acetophenone
Concen: 38.307 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.6	1.2	1.8	
51	36.3	25.0	37.6	
120	24.0	18.6	28.0	





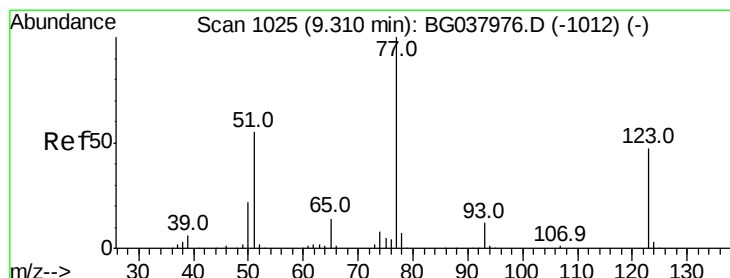
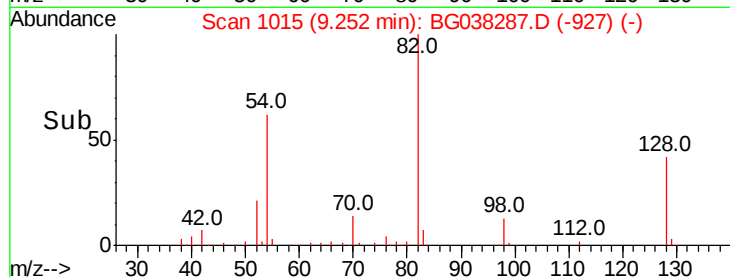
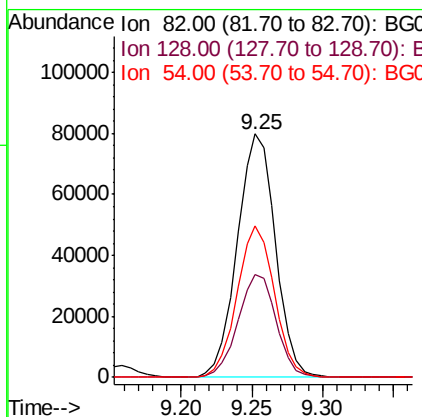
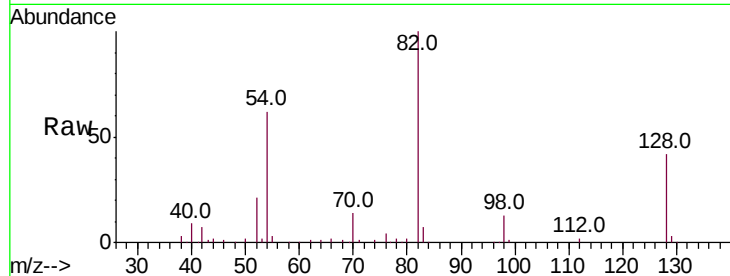
#23
Nitrobenzene-d5
Concen: 70.906 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.6	51.8
54	62.0	45.3	67.9

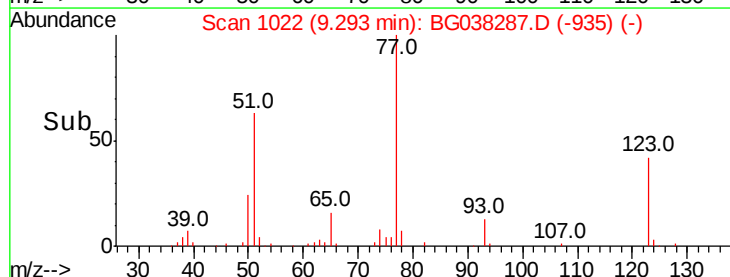
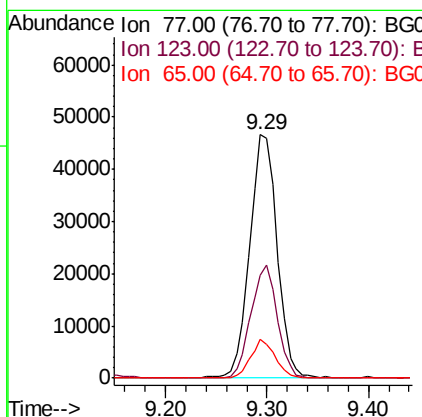
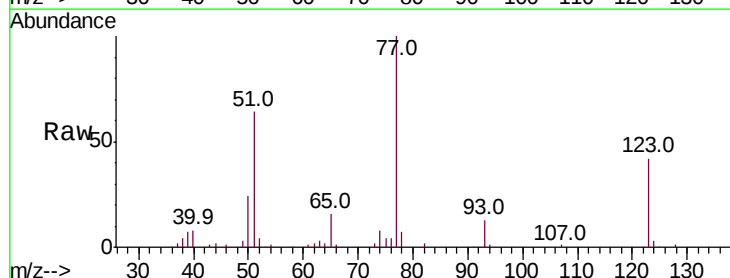
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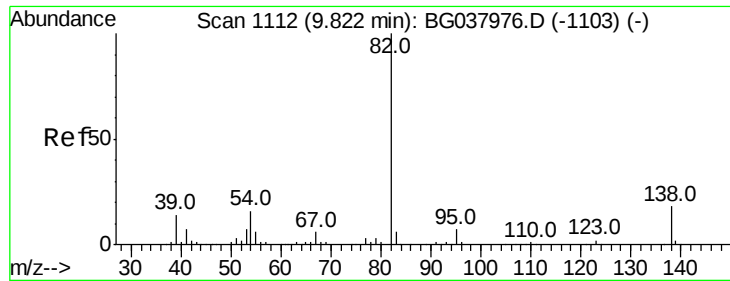
mohammad
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#24
Nitrobenzene
Concen: 40.266 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.5	33.6	50.4
65	15.7	11.3	16.9





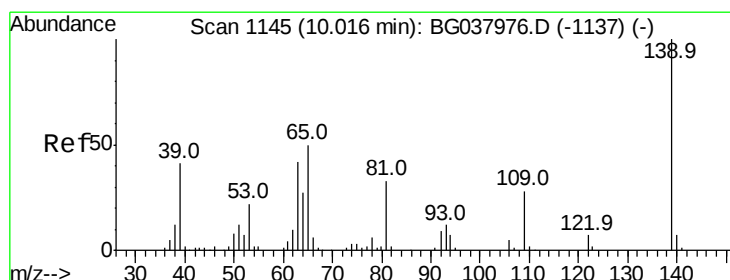
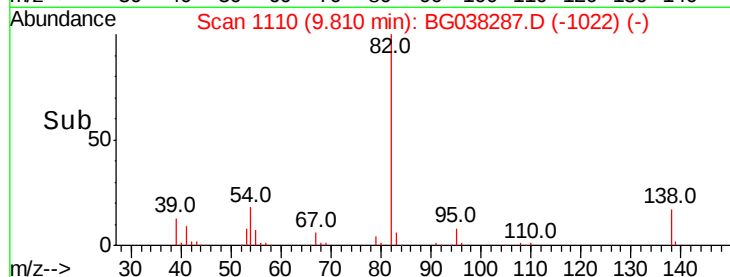
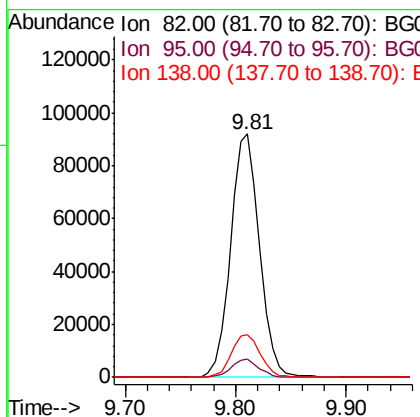
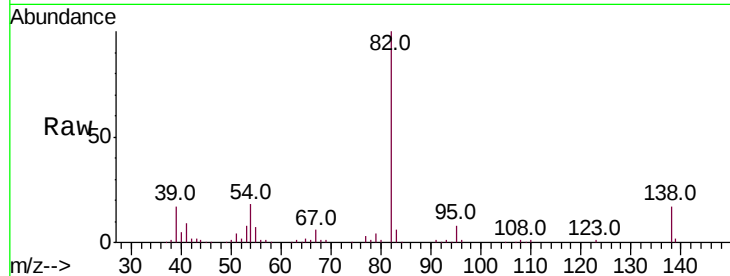
#25
Isophorone
Concen: 44.049 ng
RT: 9.81 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	168395		
95	7.7	5.3	7.9	
138	17.3	13.3	19.9	

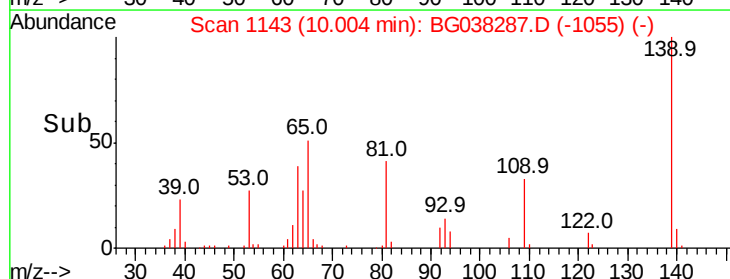
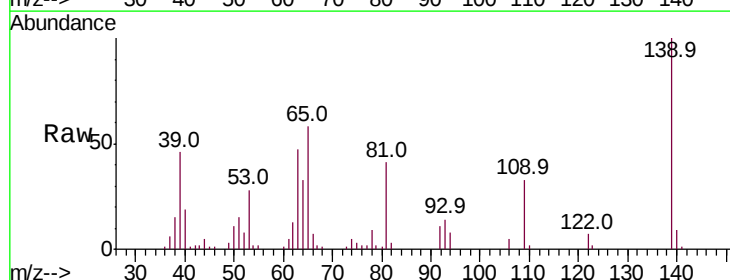
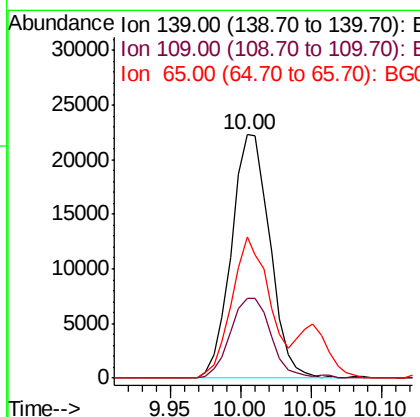
Manual Integrations
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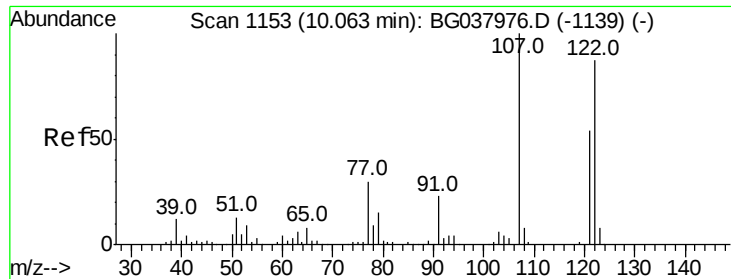
mohammad
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#26
2-Nitrophenol
Concen: 39.047 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	42353		
109	32.7	23.3	34.9	
65	58.2	39.8	59.8	





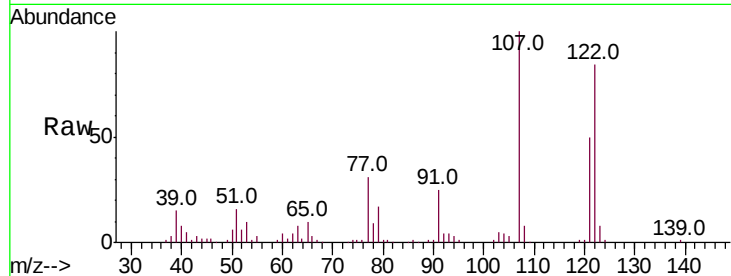
#27
2,4-Dimethylphenol
Concen: 47.714 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.9	94.2	141.2
121	59.8	47.3	70.9

Manual Integrations
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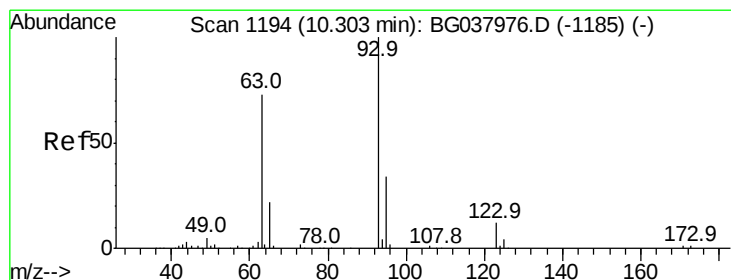
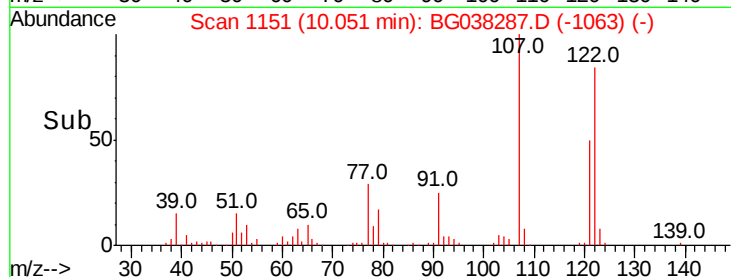
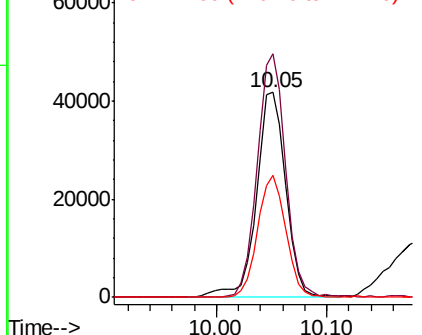


Abundance

Ion 122.00 (121.70 to 122.70): E

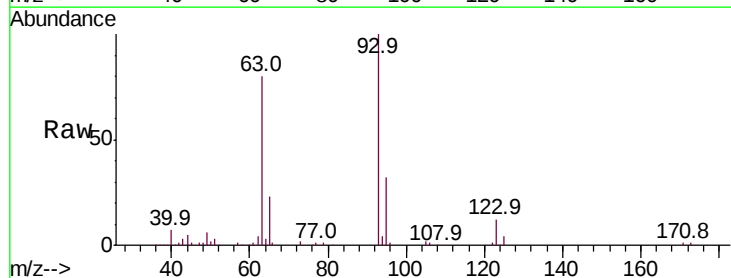
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 39.918 ng
RT: 10.29 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	24.6	37.0
123	12.3	9.1	13.7

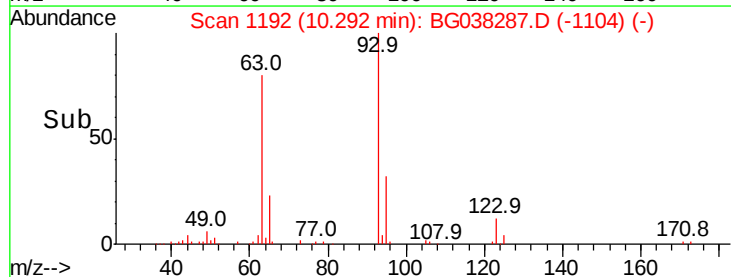
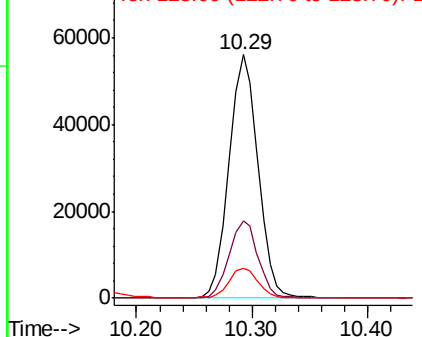


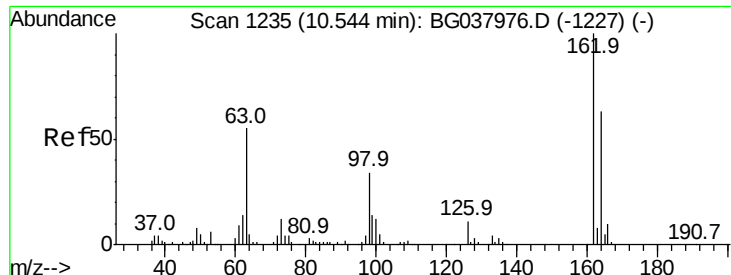
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





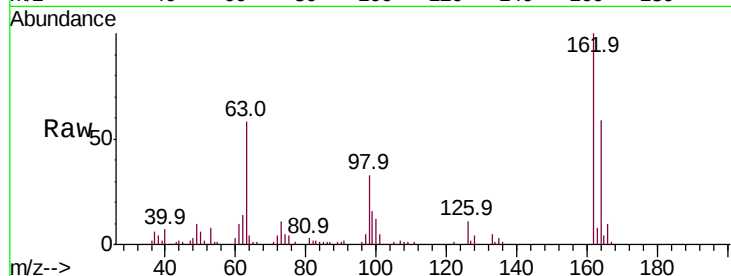
#29
2,4-Dichlorophenol
Concen: 42.931 ng
RT: 10.54 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	59.3	43.2	83.2	
98	33.0	16.0	56.0	

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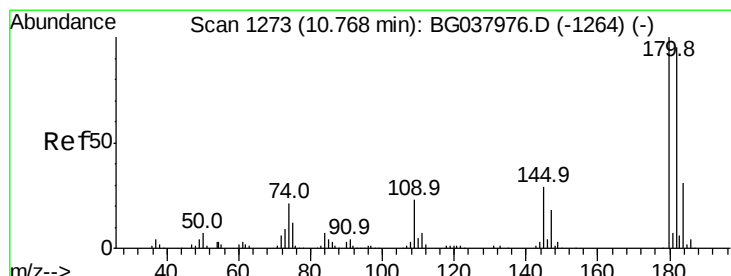
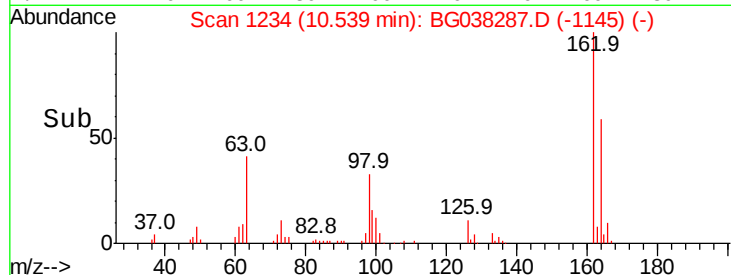
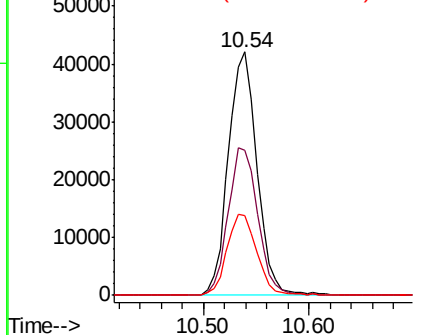


Abundance

Ion 162.00 (161.70 to 162.70): E

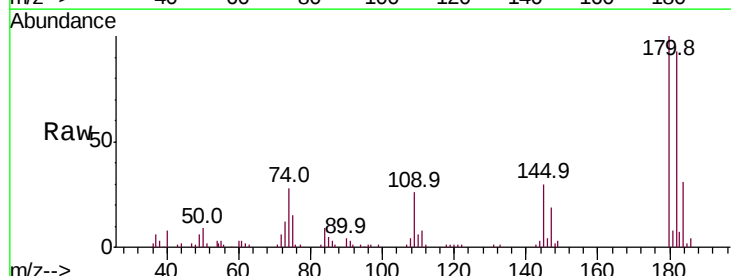
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 37.241 ng
RT: 10.75 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.3	77.7	116.5	
145	30.5	23.3	34.9	

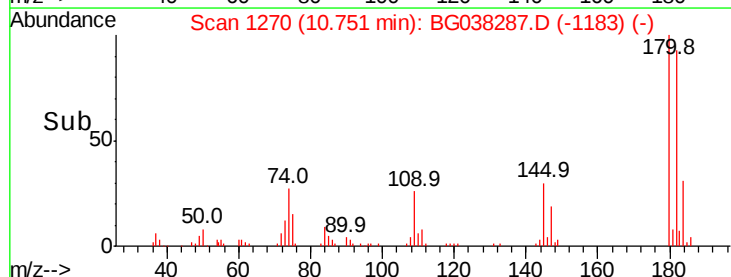
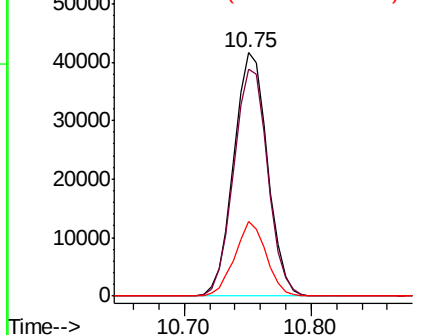


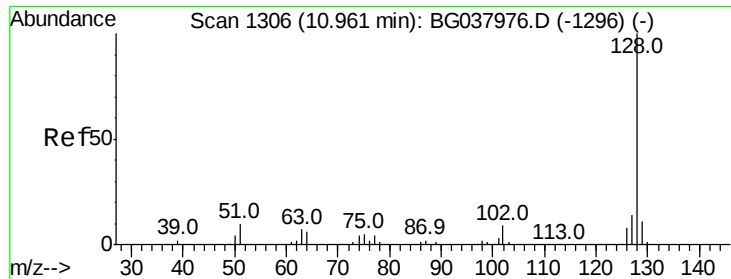
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





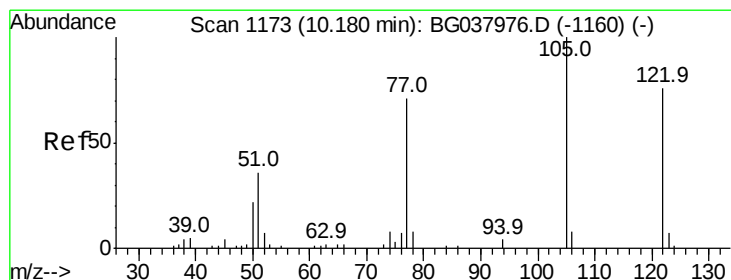
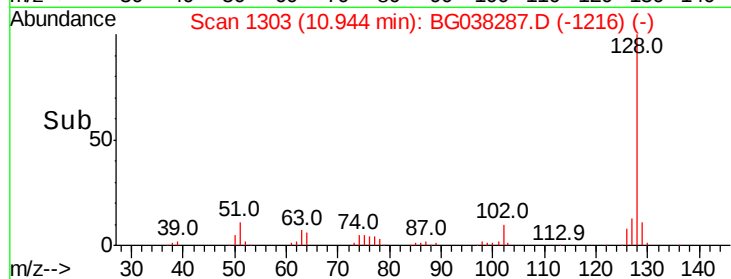
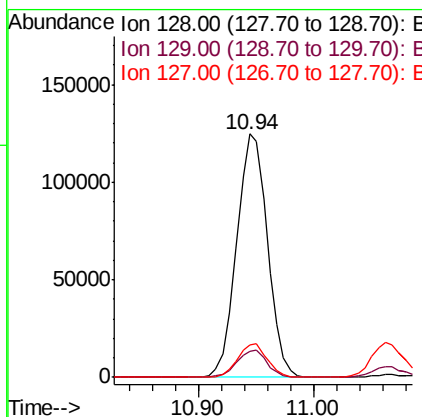
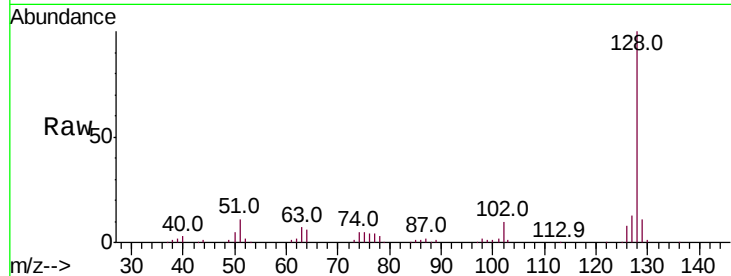
#31
Naphthalene
Concen: 41.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.3	11.1	16.7

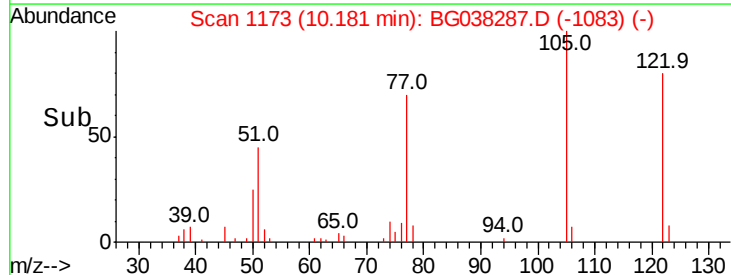
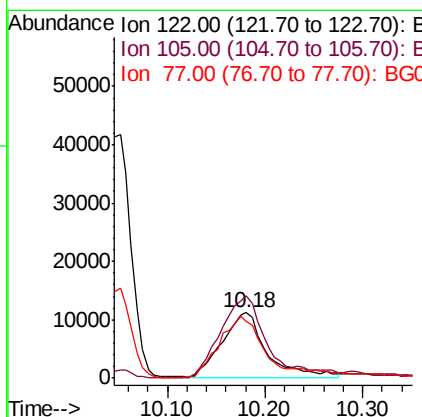
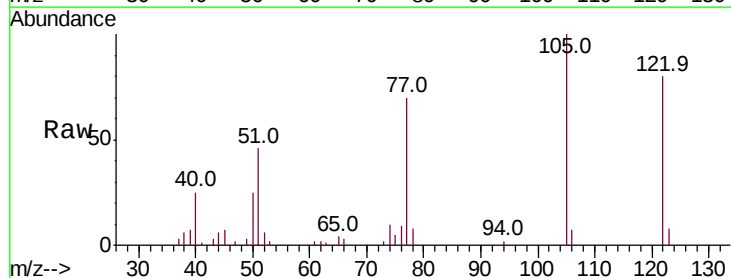
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#32
Benzoic acid
Concen: 36.784 ng
RT: 10.18 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.2	106.7	146.7
77	87.2	72.2	112.2





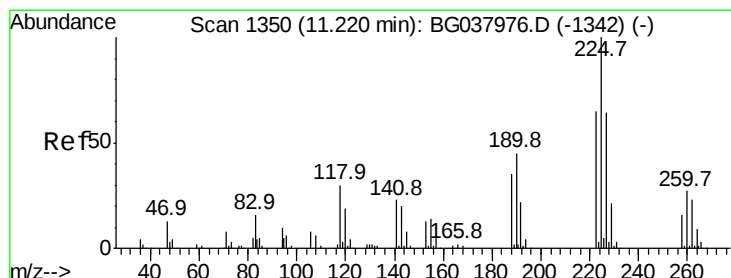
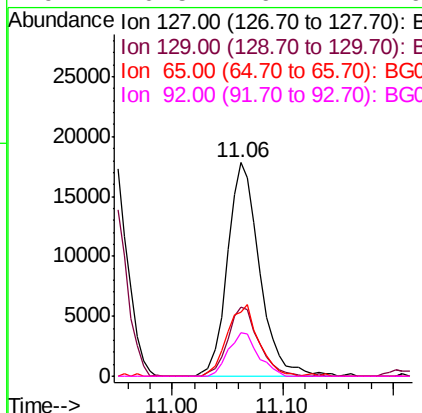
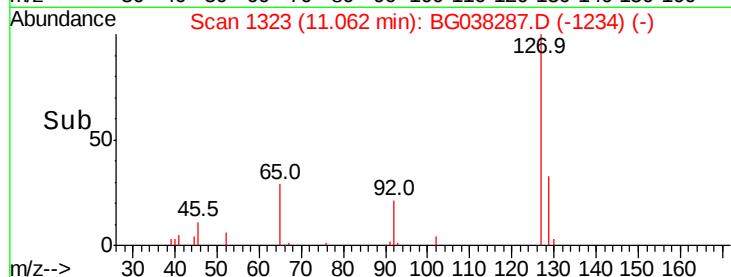
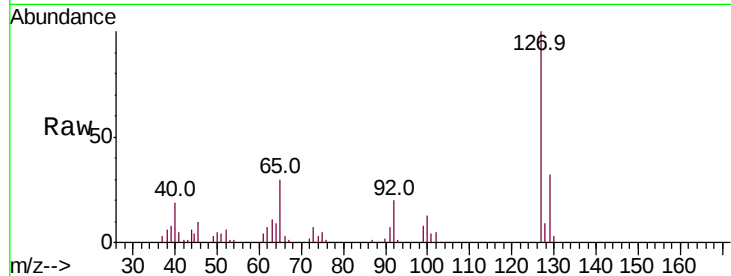
#33
4-Chloroaniline
Concen: 13.955 ng
RT: 11.06 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampled :
PB115178BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	27.1	40.7	
65	29.8	26.6	39.8	
92	20.5	16.4	24.6	

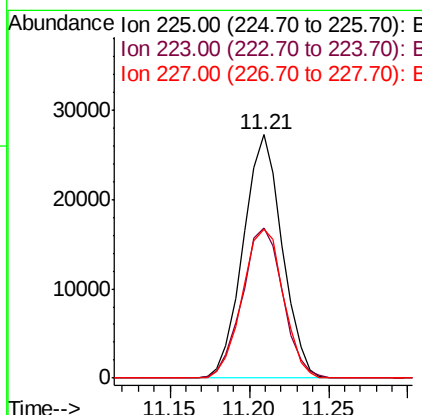
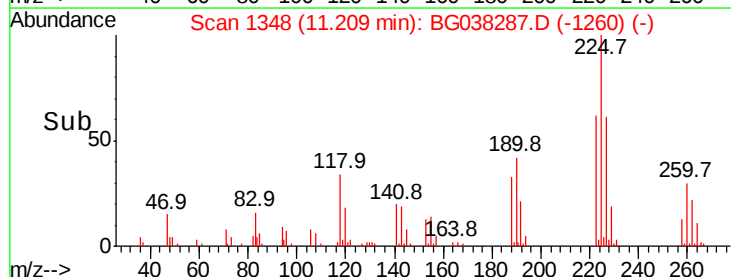
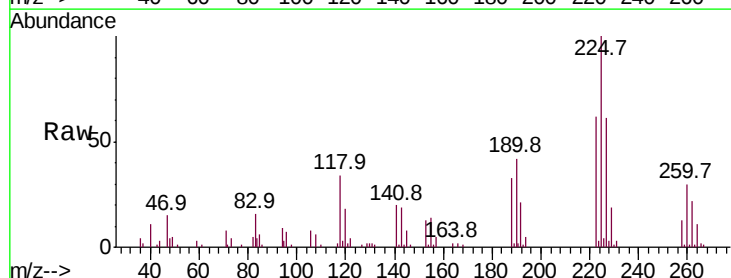
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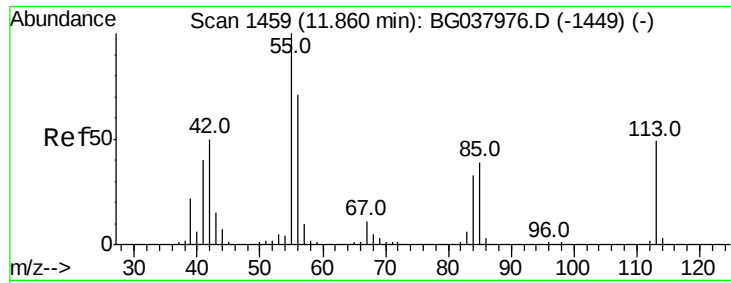
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#34
Hexachlorobutadiene
Concen: 36.756 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	48.2	72.4	
227	61.9	51.6	77.4	





#35

Caprolactam

Concen: 42.110 ng/mL

RT: 11.84 min Scan# 1455

Delta R.T. -0.02 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleID :

PB115178BS

Tot Ion:113 Resp: 30984

Ion Ratio Lower Upper

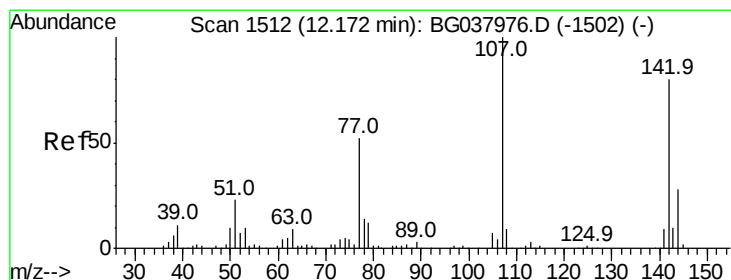
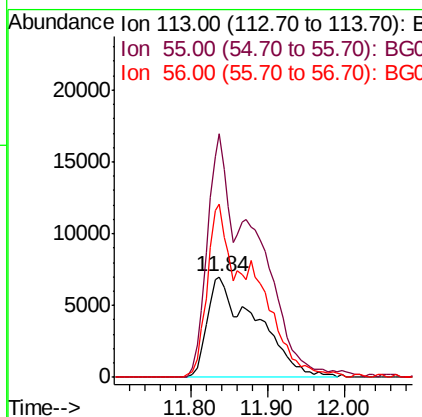
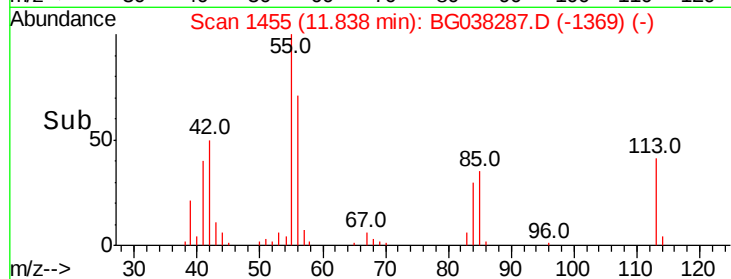
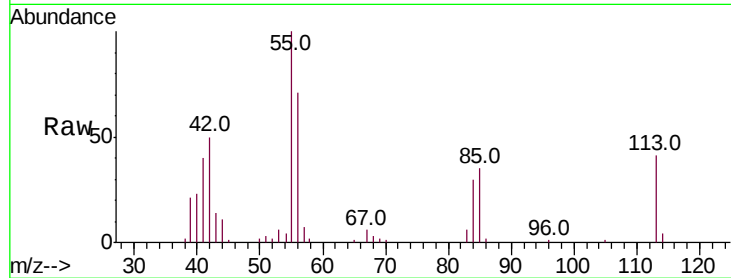
113 100

55 242.2 176.6 216.6#

56 172.0 128.3 168.3#

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#36

4-Chloro-3-methylphenol

Concen: 44.372 ng/mL

RT: 12.17 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

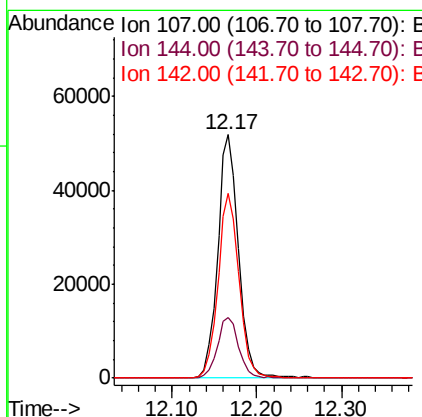
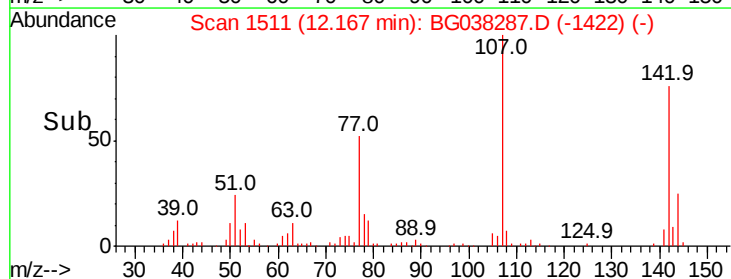
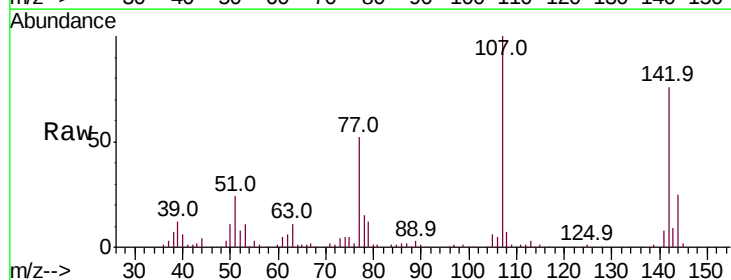
Tgt Ion:107 Resp: 89112

Ion Ratio Lower Upper

107 100

144 24.8 20.7 31.1

142 75.8 64.4 96.6





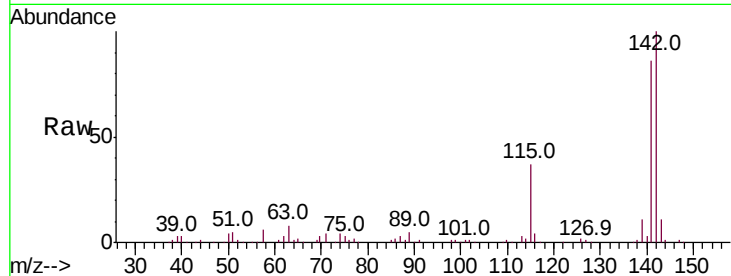
#37
 2-Methylnaphthalene
 Concen: 42.700 ng
 RT: 12.54 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.2	71.9	107.9
115	36.6	27.8	41.8

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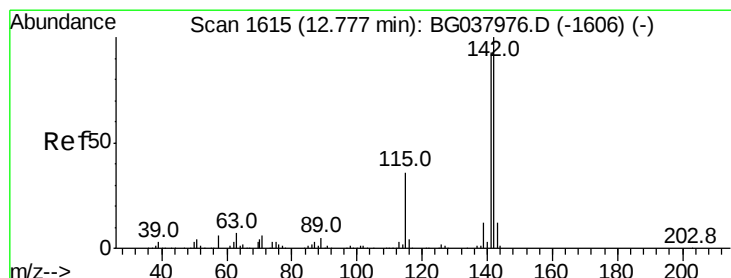
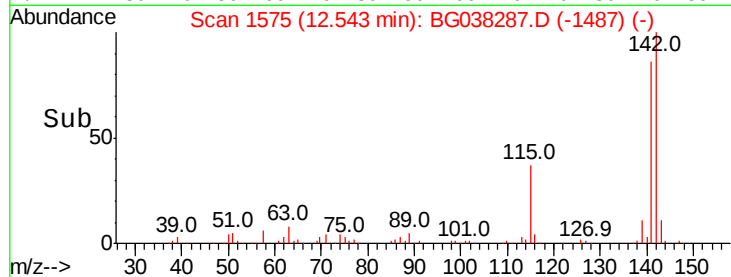
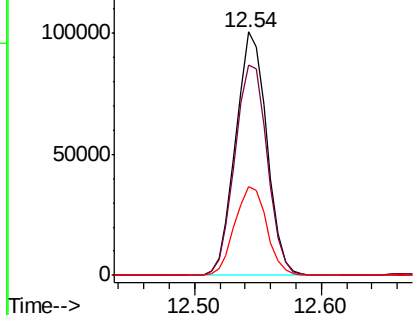


Abundance

Ion 142.00 (141.70 to 142.70): E

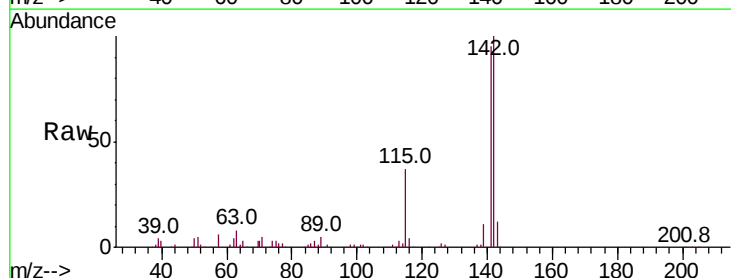
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 42.014 ng
 RT: 12.77 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	75.2	112.8
116	3.9	3.3	4.9

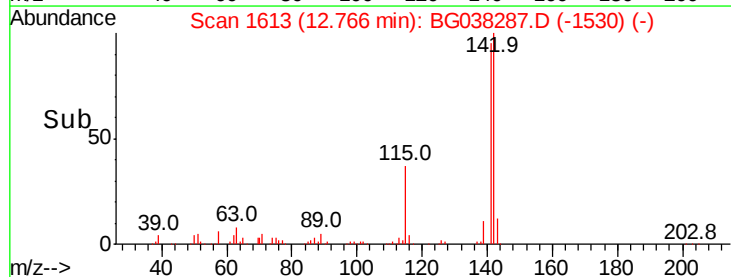
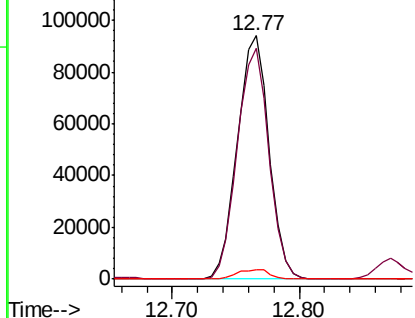


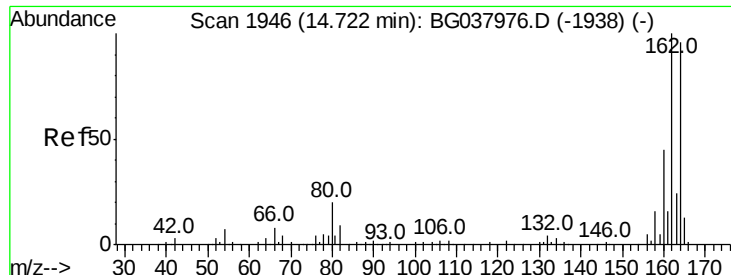
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

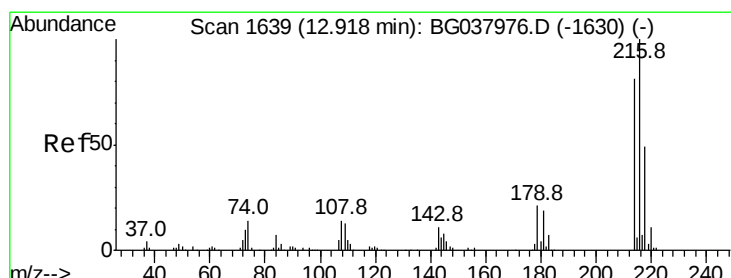
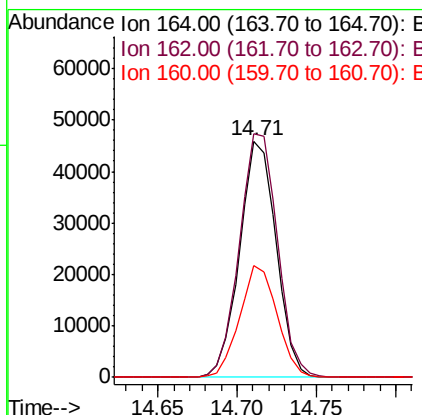
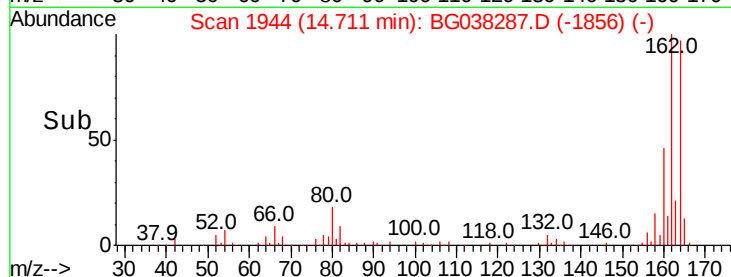
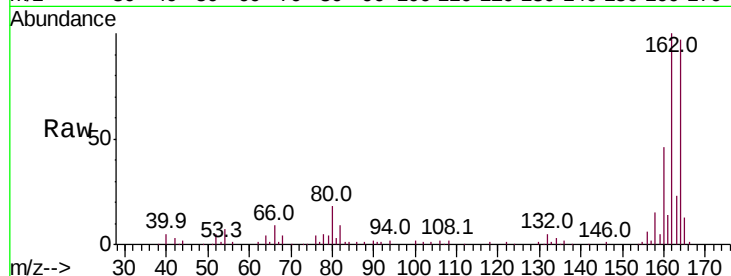
ClientSampleId :

PB115178BS

Tot Ion:	164	Resp:	73408
Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.3	121.9
160	47.1	36.3	54.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.591 ng

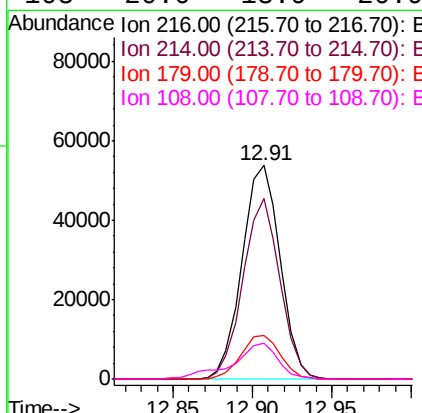
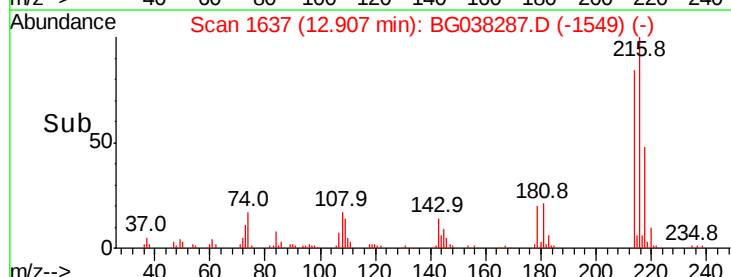
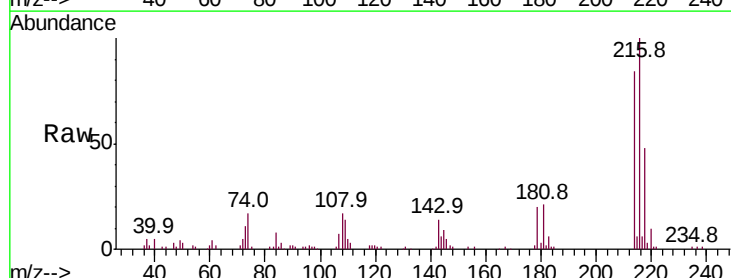
RT: 12.91 min Scan# 1637

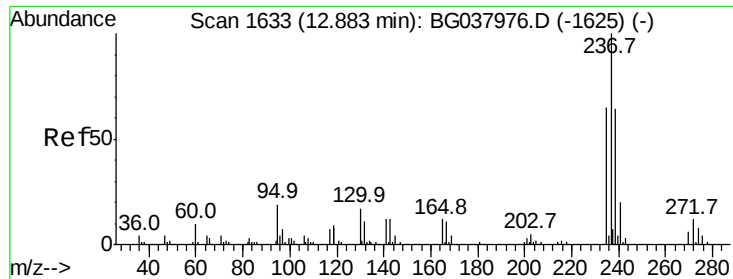
Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Tgt Ion:	216	Resp:	89756
Ion	Ratio	Lower	Upper
216	100		
214	81.7	63.8	95.6
179	21.2	17.4	26.0
108	20.0	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 80.639 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

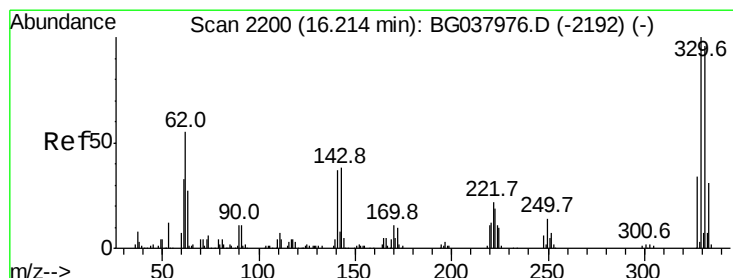
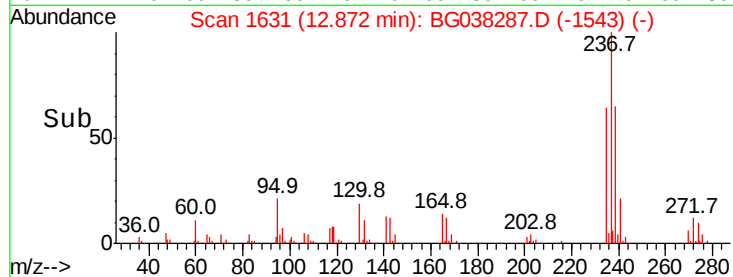
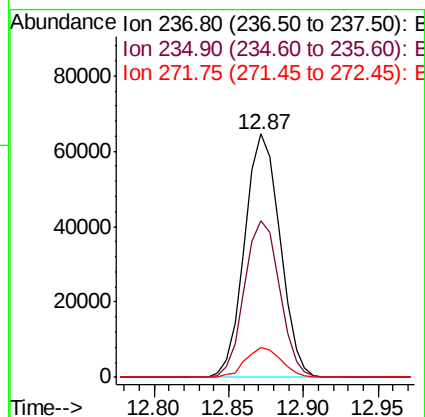
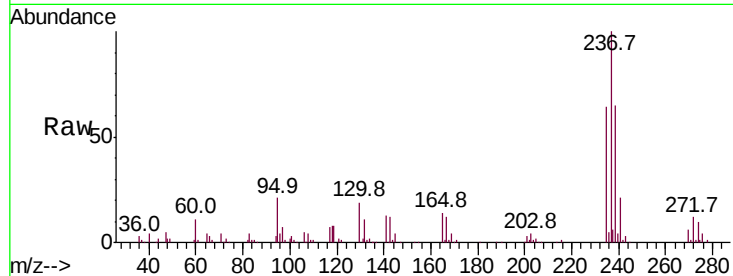
ClientSampleId :

PB115178BS

Tot Ion:	237	Resp:	105920
Ion Ratio	Lower	Upper	
237	100		
235	64.4	42.5	82.5
272	12.1	0.0	31.6

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#42

2,4,6-Tribromophenol

Concen: 119.944 ng

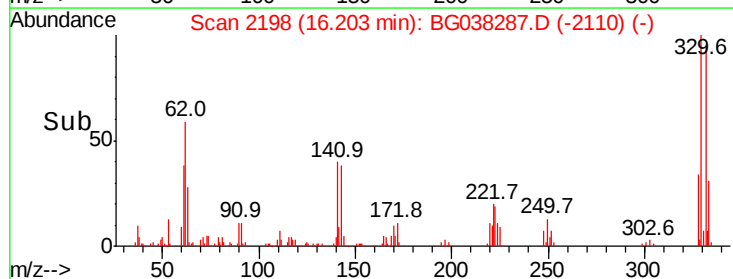
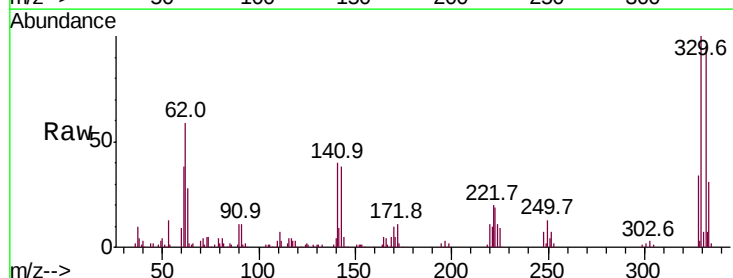
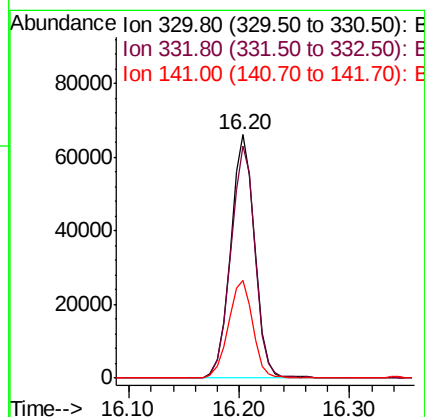
RT: 16.20 min Scan# 2198

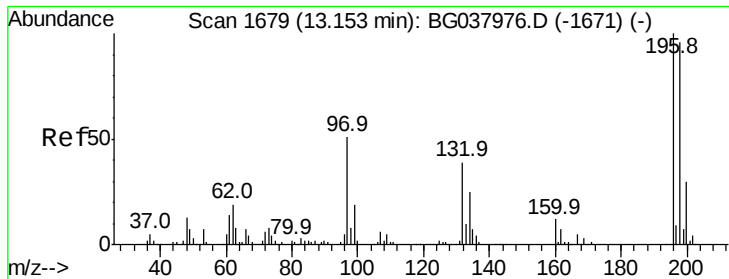
Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Tgt Ion:	330	Resp:	100417
Ion Ratio	Lower	Upper	
330	100		
332	96.8	78.4	117.6
141	40.6	32.2	48.2





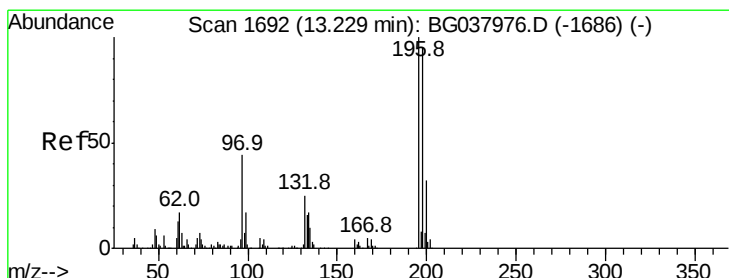
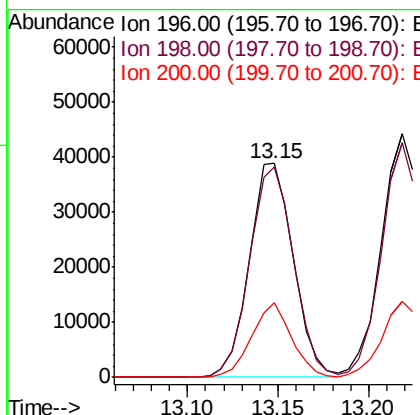
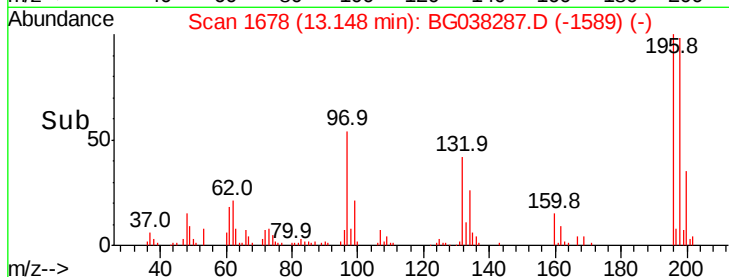
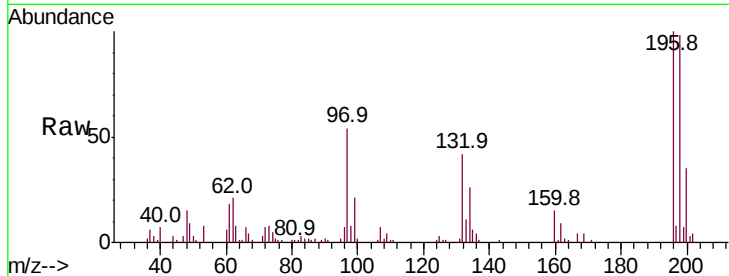
#43
 2,4,6-Trichlorophenol
 Concen: 39.354 ng
 RT: 13.15 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	65782		
198	98.2	76.4	114.6	
200	35.0	24.9	37.3	

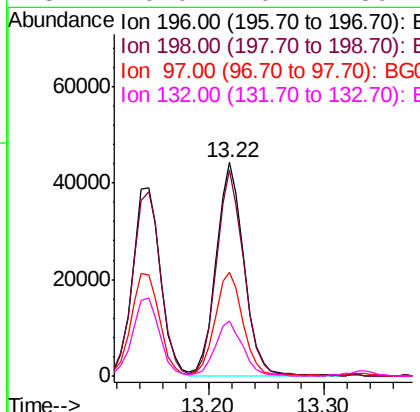
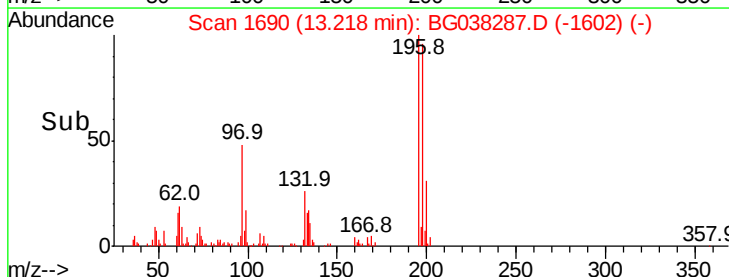
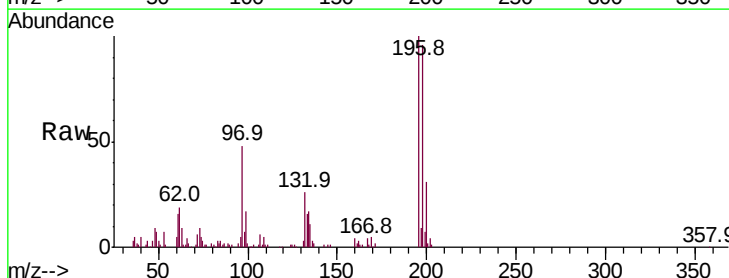
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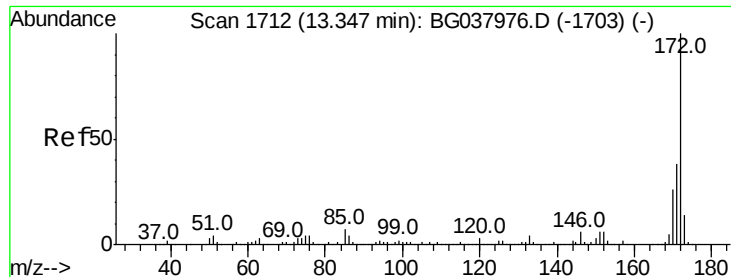
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#44
 2,4,5-Trichlorophenol
 Concen: 41.920 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	73727		
198	96.2	74.2	111.2	
97	48.3	34.1	51.1	
132	26.0	20.2	30.4	





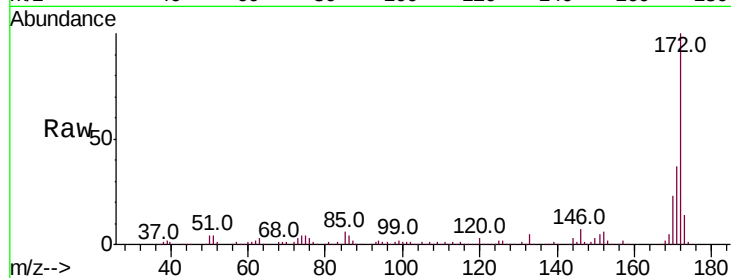
#45
2-Fluorobiphenyl
Concen: 69.948 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.9	31.0	46.4
170	23.2	20.2	30.2

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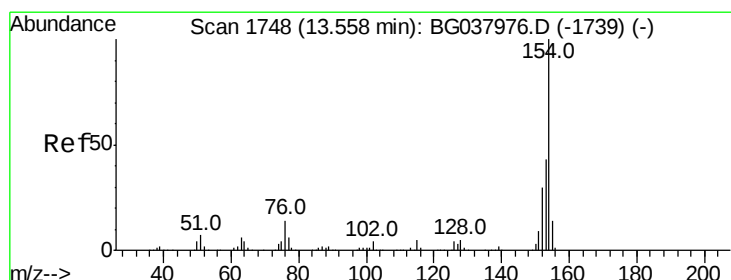
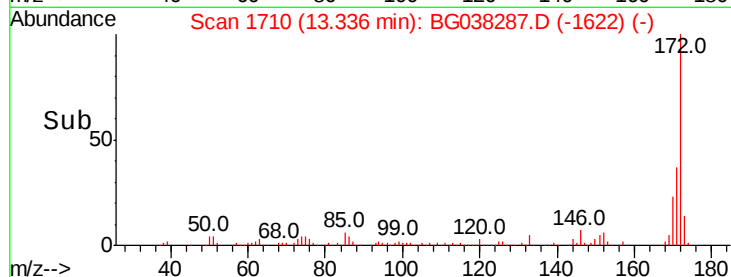
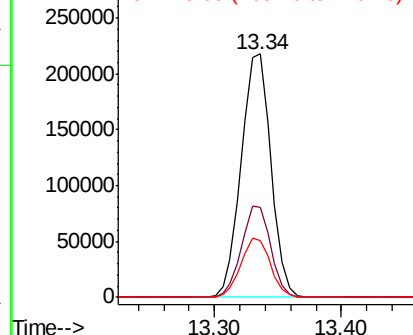


Abundance

Ion 172.00 (171.70 to 172.70): E

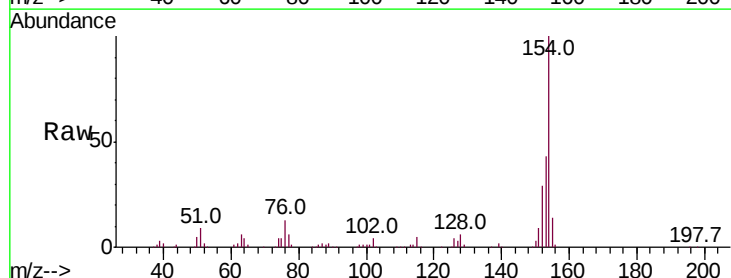
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 36.093 ng
RT: 13.55 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	42.6	22.1	62.1
76	13.2	0.0	33.2

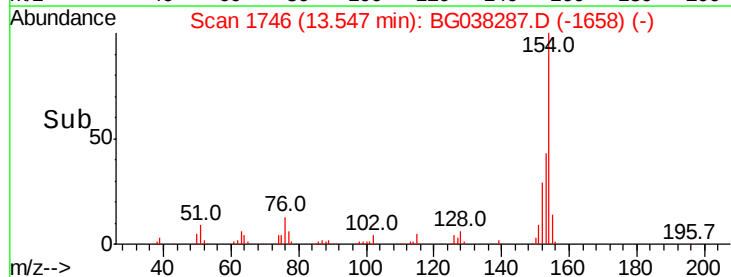
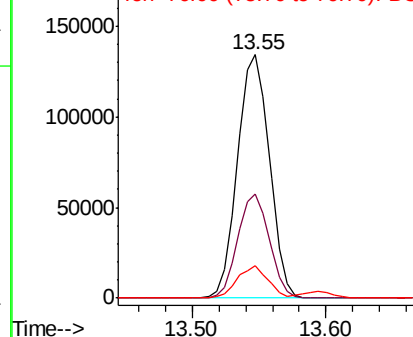


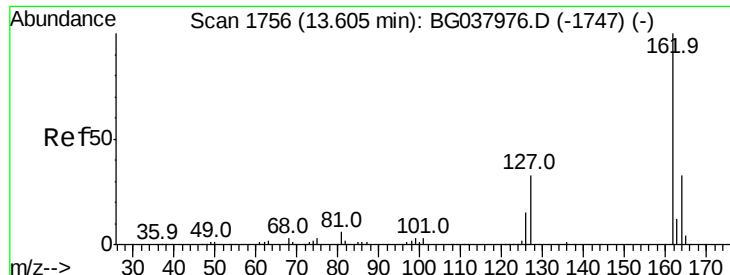
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





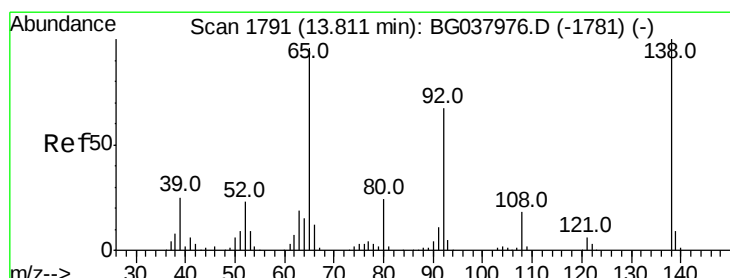
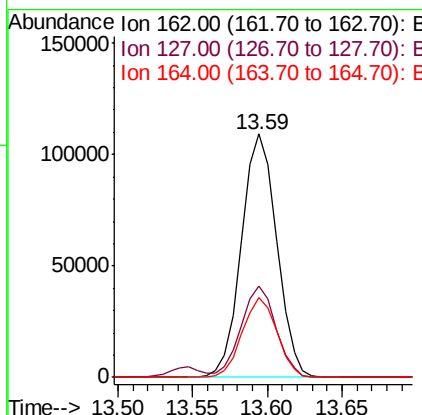
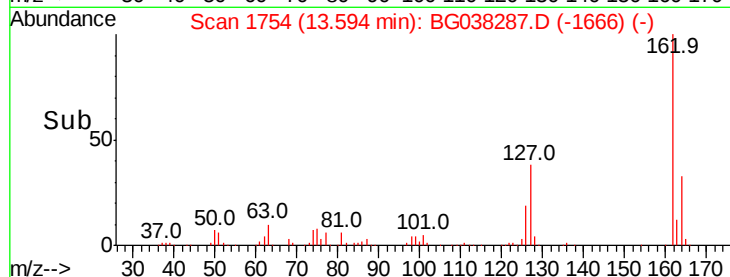
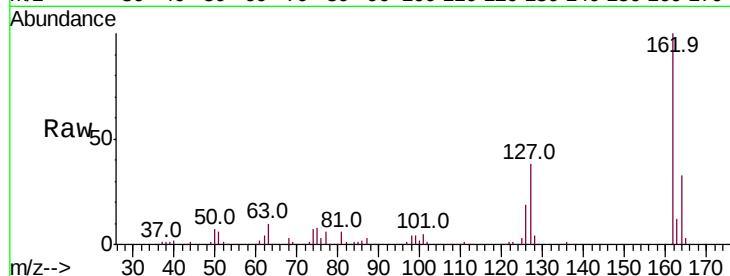
#47
 2-Chloronaphthalene
 Concen: 37.884 ng
 RT: 13.59 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion:	162	Resp:	178282
Ion Ratio		Lower	Upper
162	100		
127	37.6	30.5	45.7
164	32.9	26.4	39.6

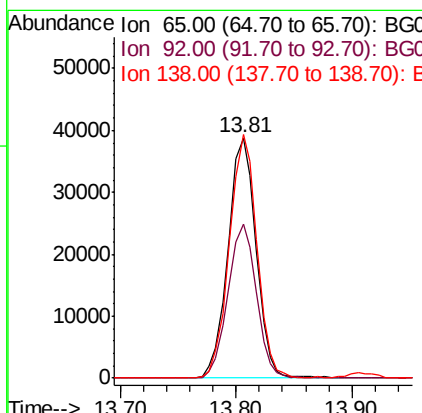
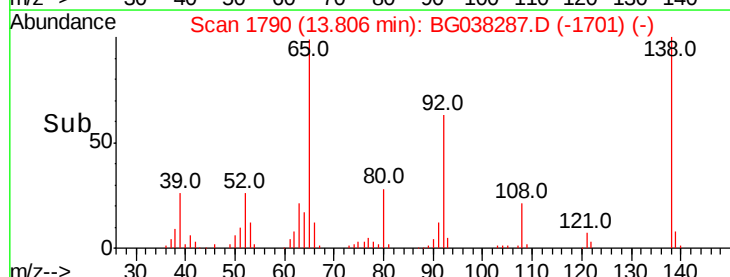
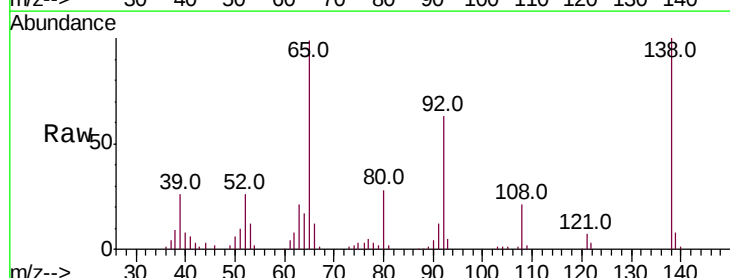
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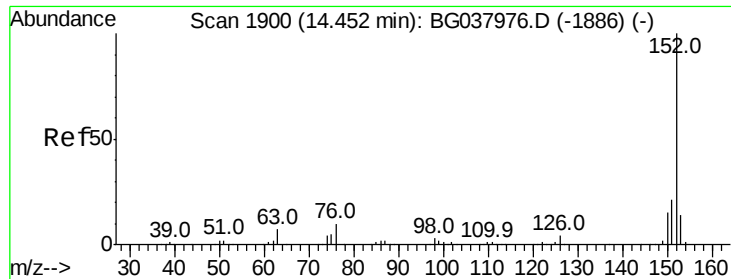
mohammad
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#48
 2-Nitroaniline
 Concen: 44.018 ng
 RT: 13.81 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Tgt Ion:	65	Resp:	65195
Ion Ratio		Lower	Upper
65	100		
92	64.1	53.2	79.8
138	101.4	79.3	118.9





#49

Acenaphthylene

Concen: 42.084 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

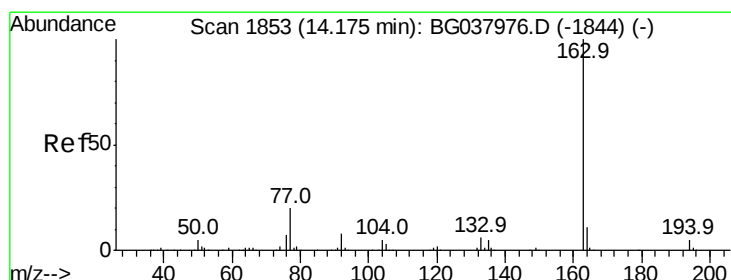
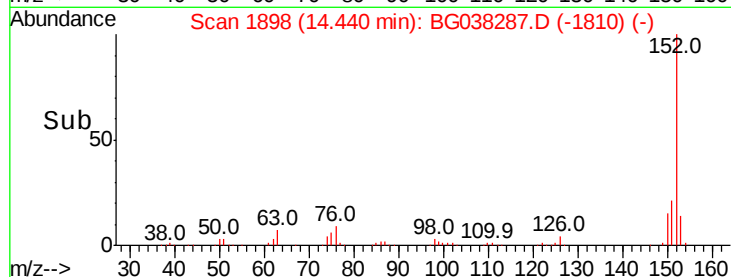
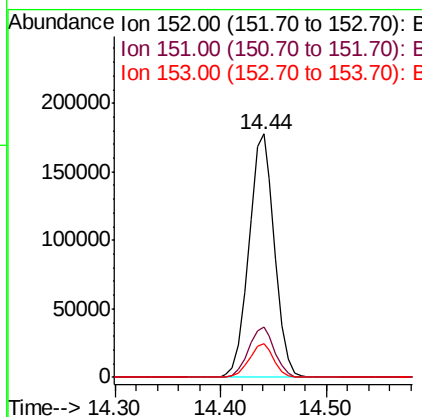
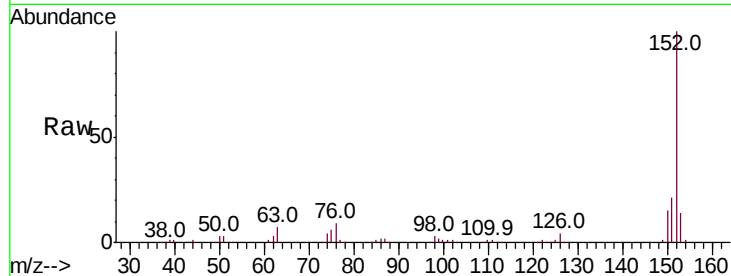
ClientSampleId :

PB115178BS

Tot Ion:	152	Resp:	297822
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.1	25.7
153	13.7	11.1	16.7

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#50

Dimethylphthalate

Concen: 42.339 ng

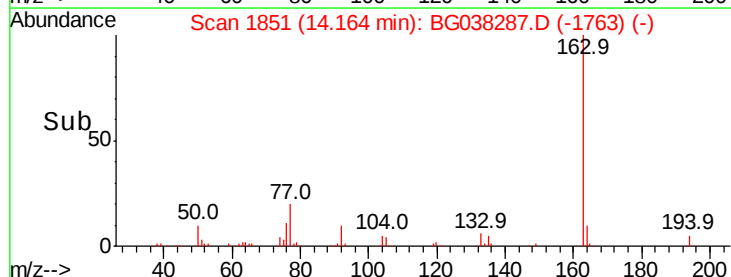
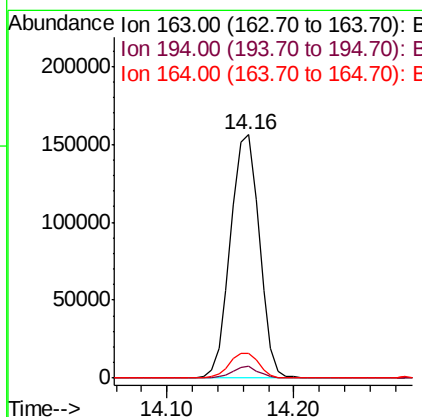
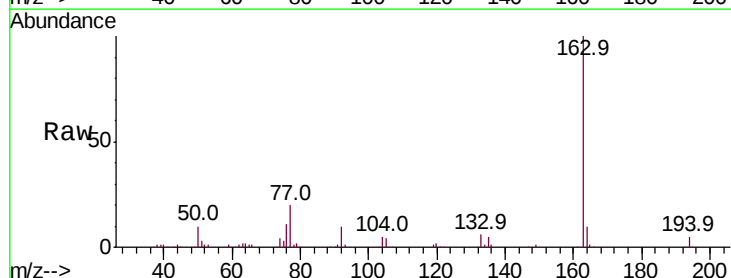
RT: 14.16 min Scan# 1851

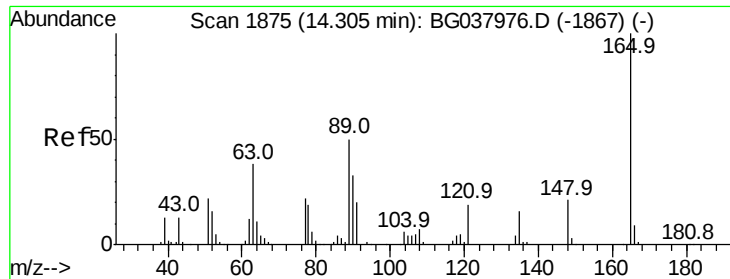
Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Tgt Ion:	163	Resp:	246394
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.5	5.3
164	10.4	8.5	12.7





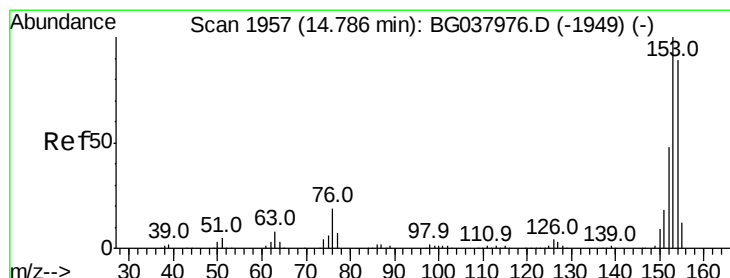
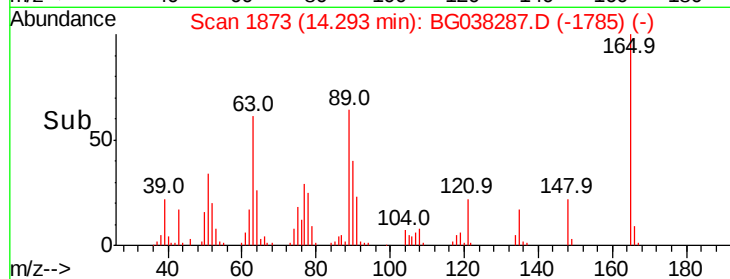
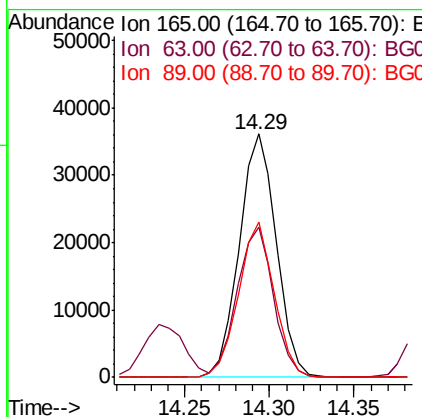
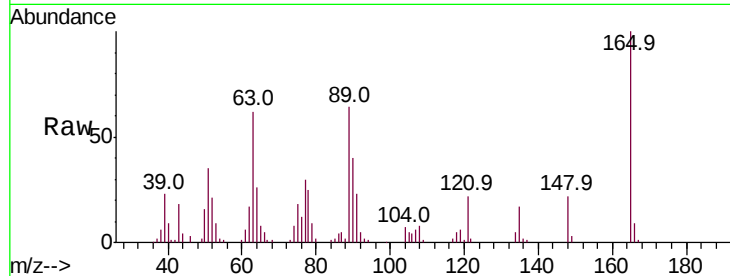
#51
2,6-Dinitrotoluene
Concen: 41.697 ng
RT: 14.29 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	54921		
63	61.8	43.4	65.2	
89	63.5	45.8	68.6	

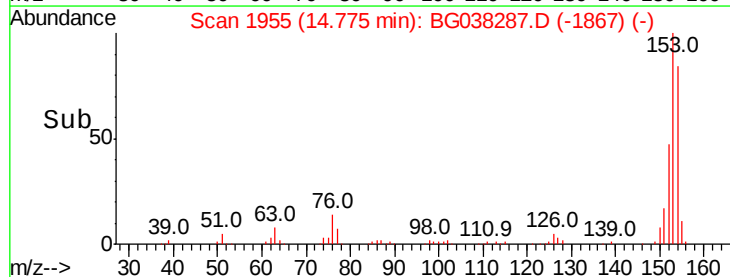
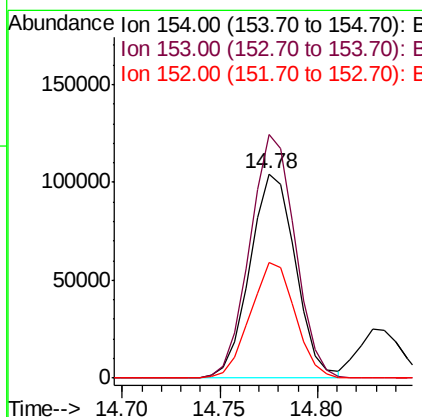
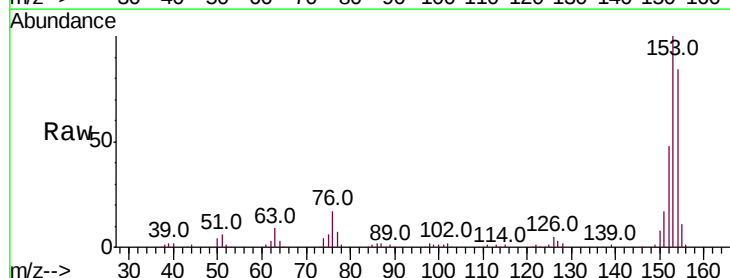
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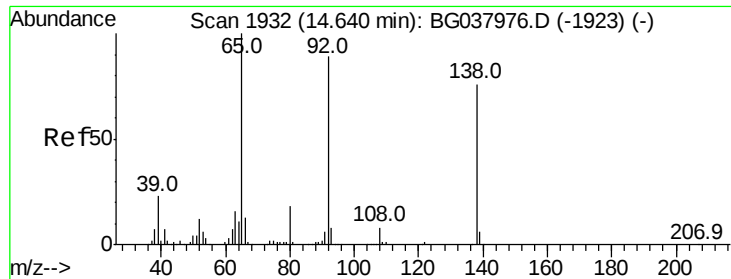
mohammad
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#52
Acenaphthene
Concen: 39.667 ng
RT: 14.78 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	168996		
153	119.3	93.4	140.0	
152	56.8	44.7	67.1	





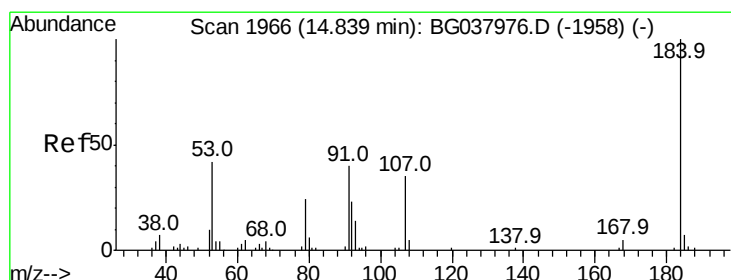
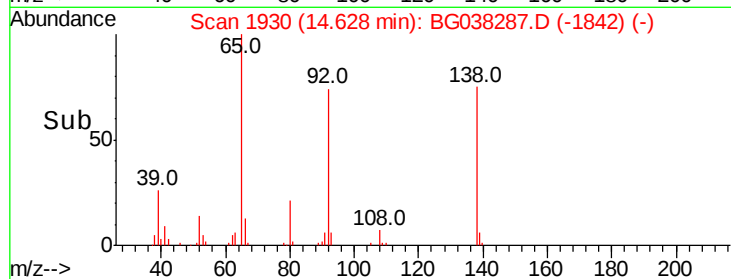
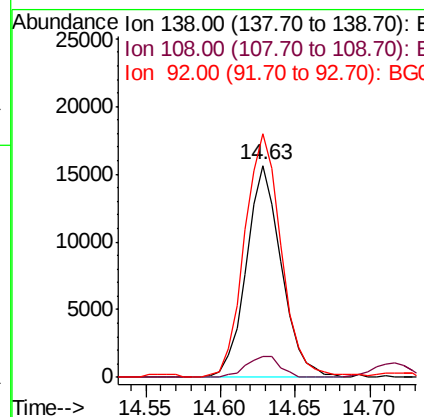
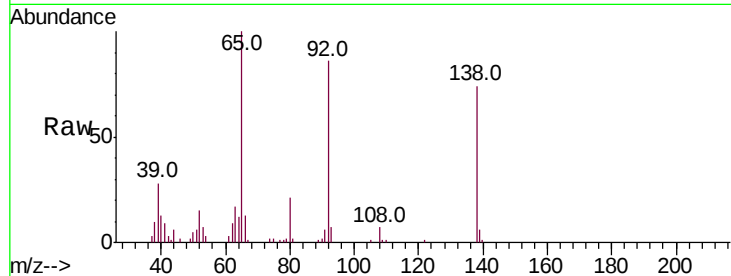
#53
3-Nitroaniline
Concen: 17.478 ng
RT: 14.63 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	11.0	16.6#
92	115.0	95.2	142.8

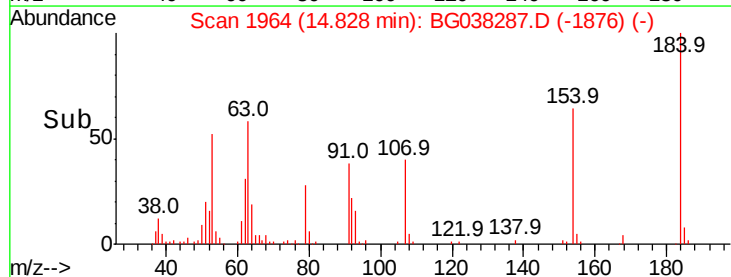
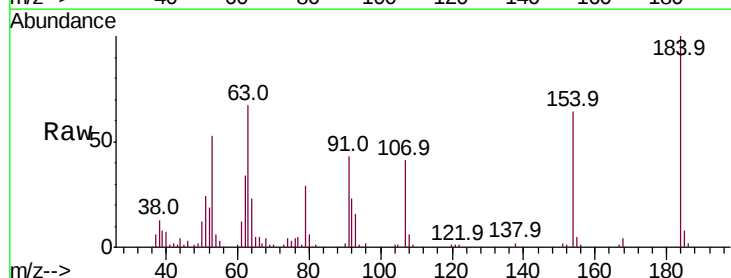
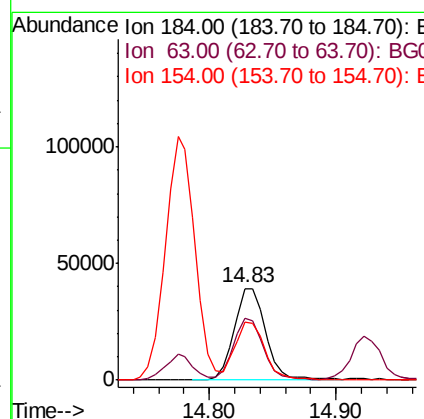
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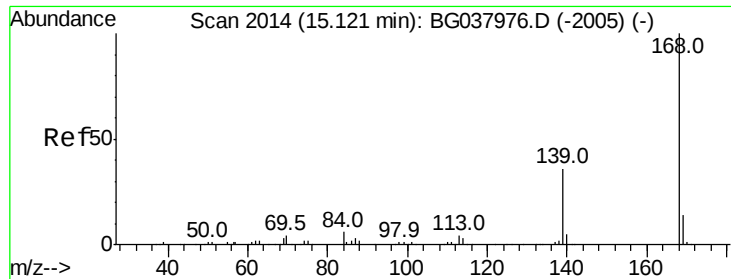
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#54
2,4-Dinitrophenol
Concen: 93.455 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.7	42.6	63.8#
154	63.8	41.8	62.6#





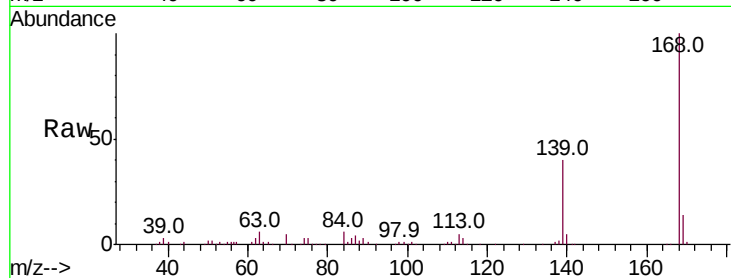
#55
Dibenzofuran
Concen: 39.892 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	281029		
139	40.0		29.4	44.0
169	14.1		11.0	16.6

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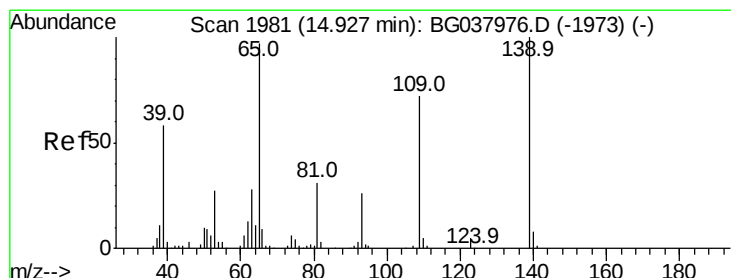
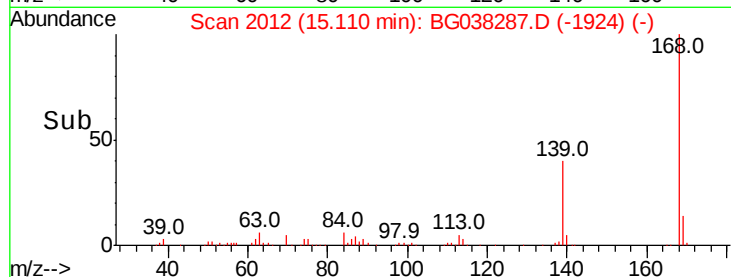
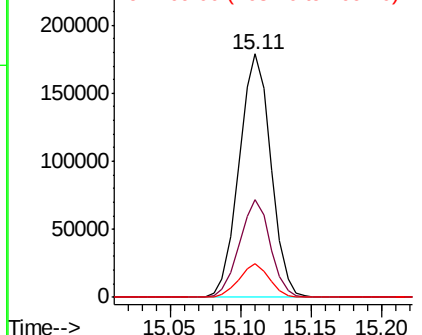


Abundance

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: 85.839 ng
RT: 14.92 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

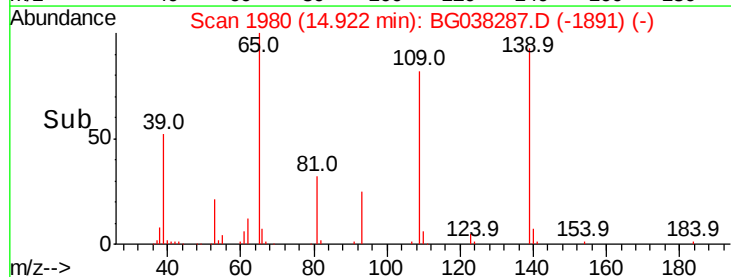
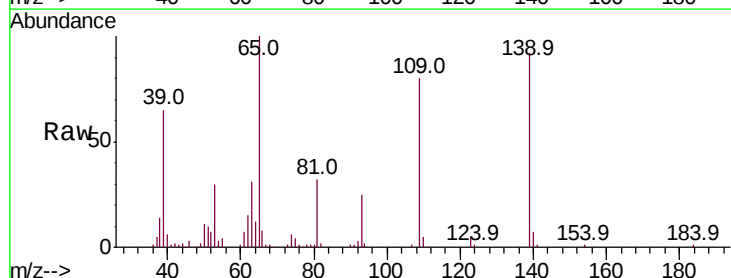
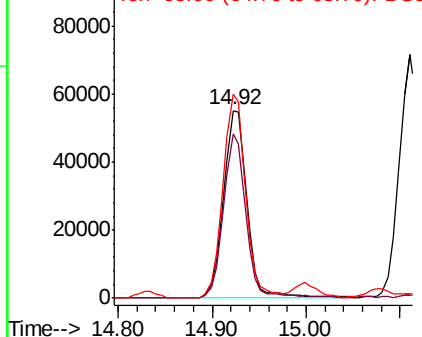
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	96221		
109	87.7		49.5	89.5
65	109.0		76.8	116.8

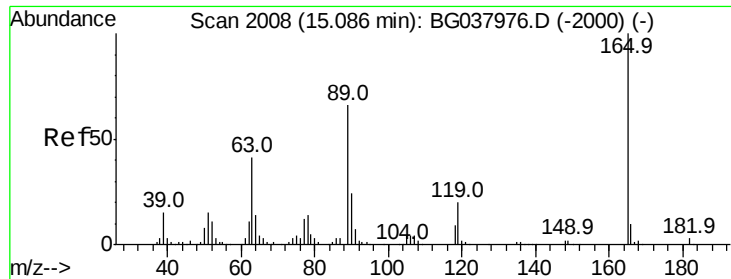
Abundance

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): BG





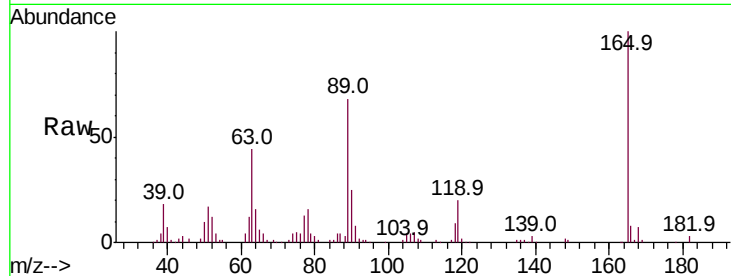
#57
2,4-Dinitrotoluene
Concen: 44.609 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.0	33.4	50.0
89	67.8	57.2	85.8
182	2.9	2.6	4.0

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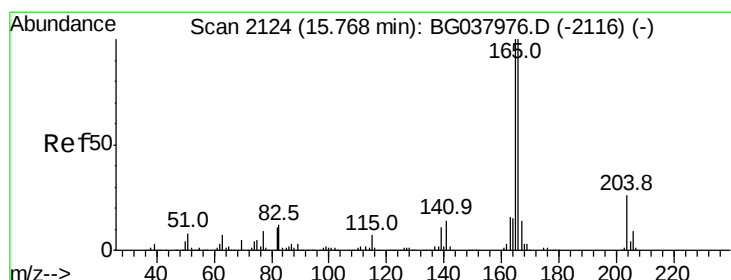
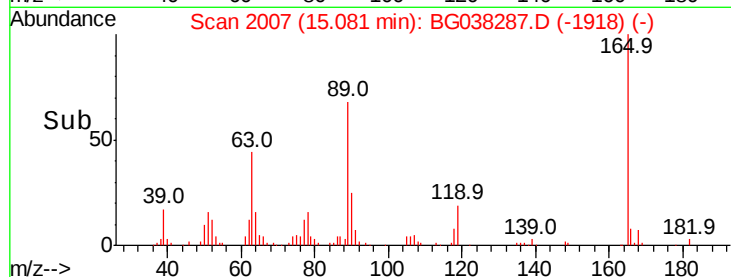
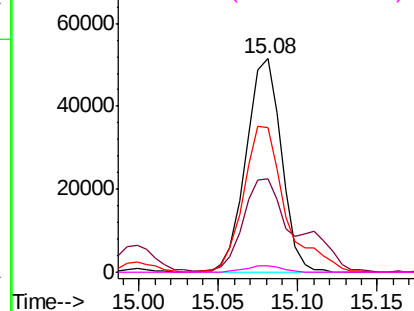
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.789 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

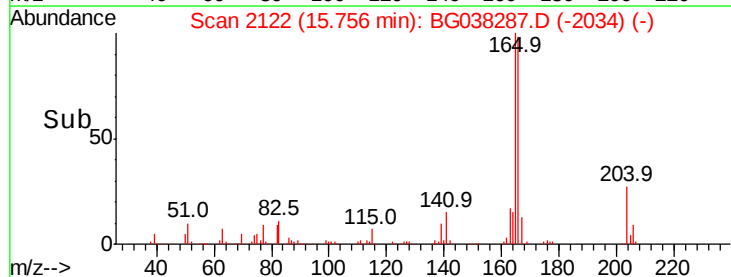
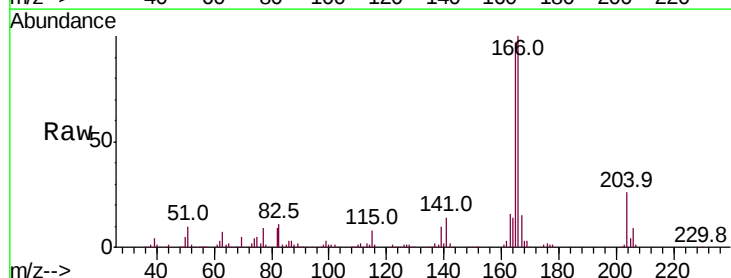
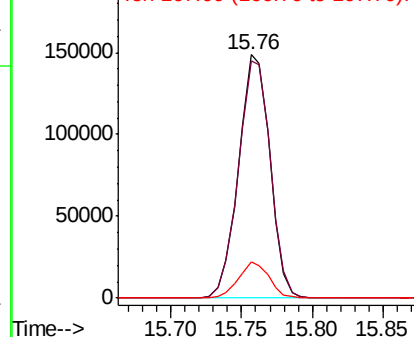
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.0	118.6
167	14.7	11.3	16.9

Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





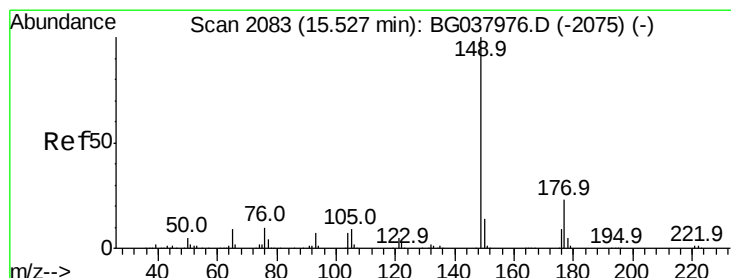
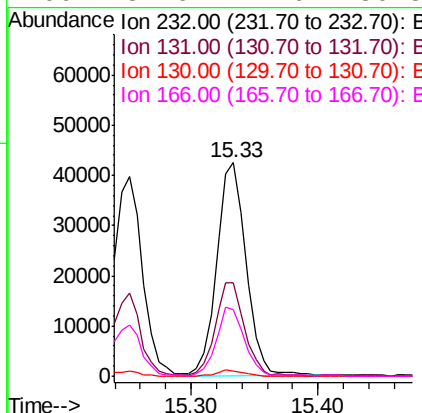
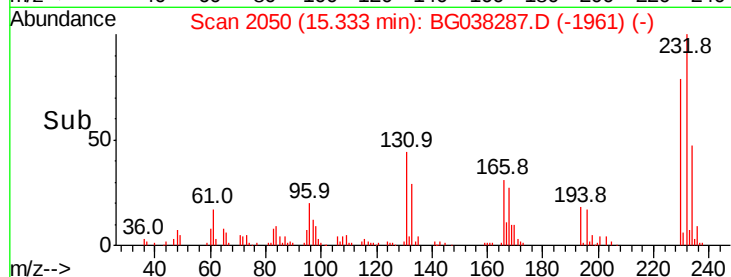
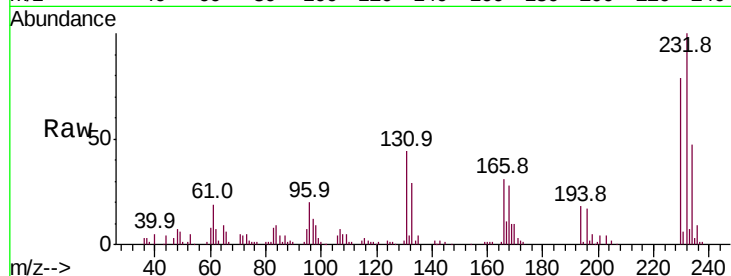
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.098 ng
 RT: 15.33 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	33.7	50.5
130	2.6	2.1	3.1
166	31.6	24.6	36.8

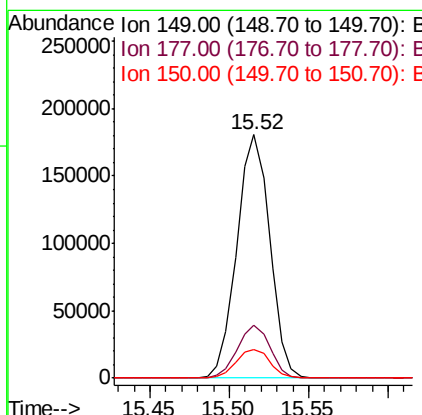
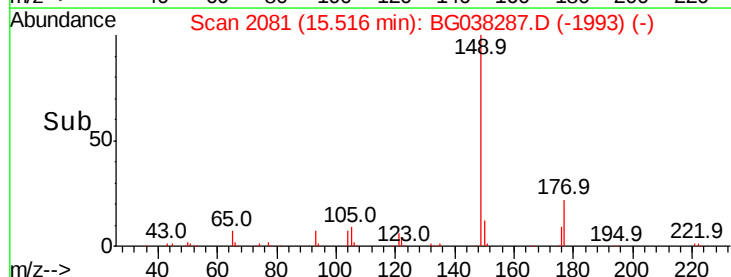
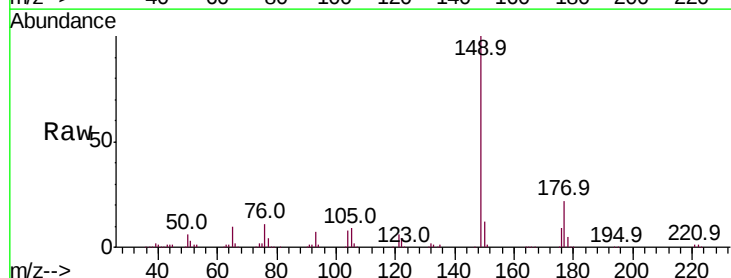
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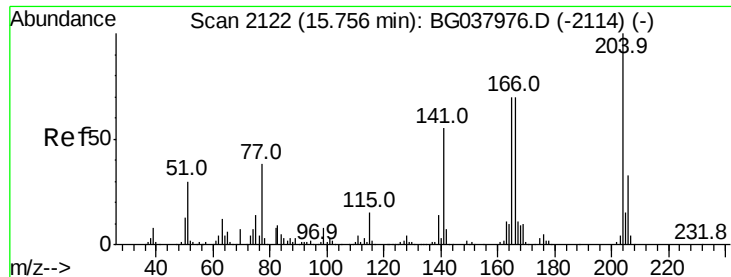
mohammad
 12/3/2018 5:13:20 PM



#60
 Diethylphthalate
 Concen: 42.028 ng
 RT: 15.52 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	18.3	27.5
150	11.8	10.0	15.0





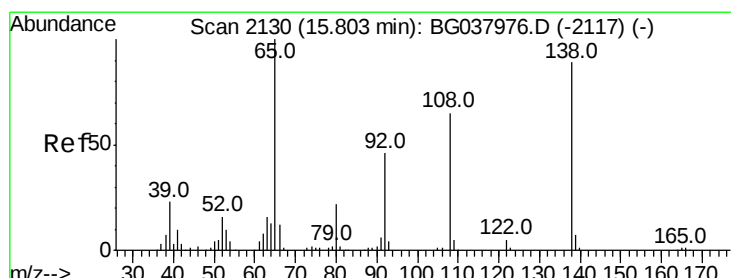
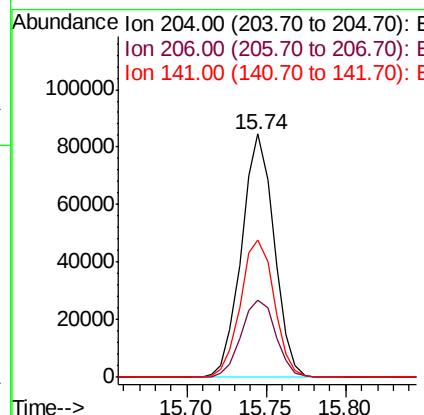
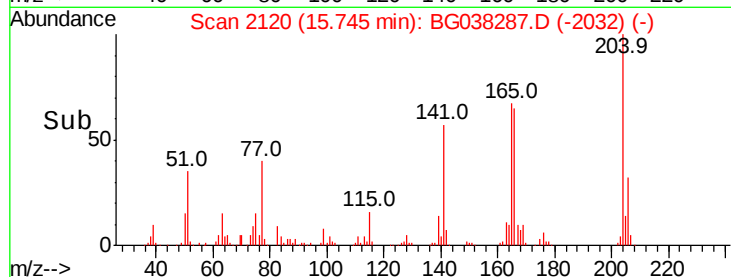
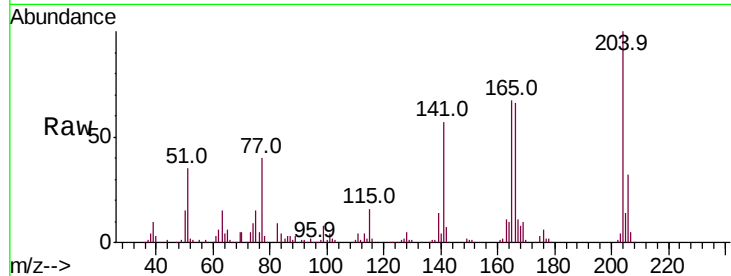
#61
4-Chlorophenyl-phenylether
Concen: 39.211 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.6	39.8
141	56.6	45.4	68.2

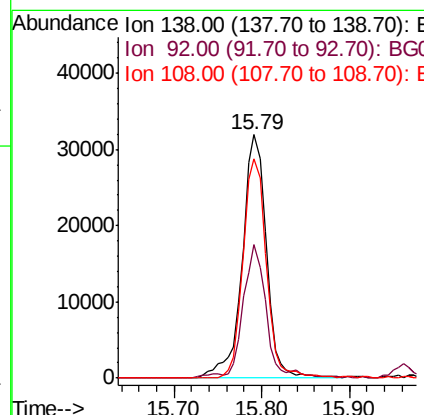
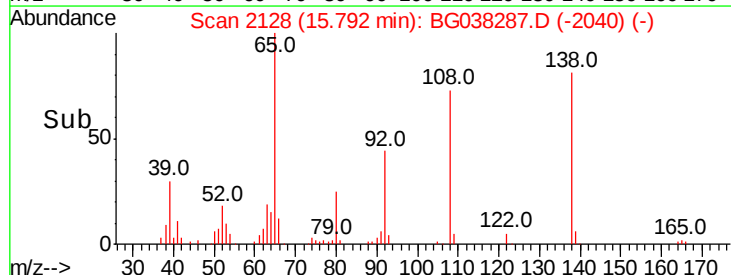
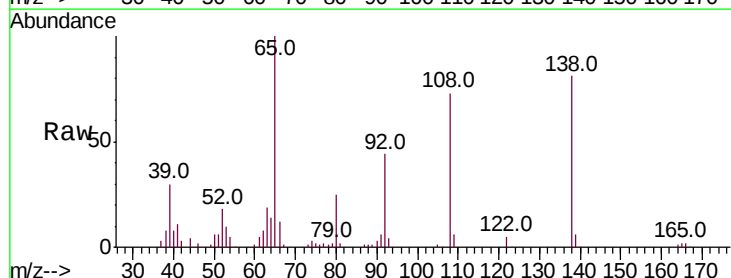
Manual Integrations
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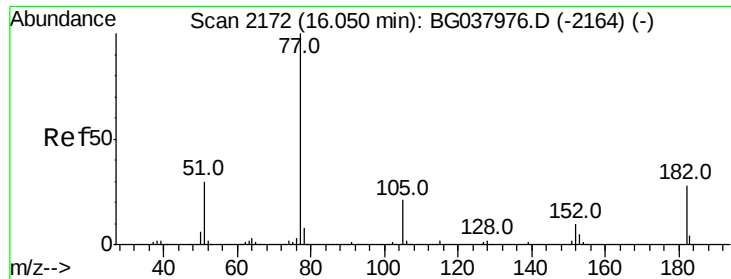
mohammad
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#62
4-Nitroaniline
Concen: 41.033 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.6	36.4	76.4
108	90.2	60.1	100.1





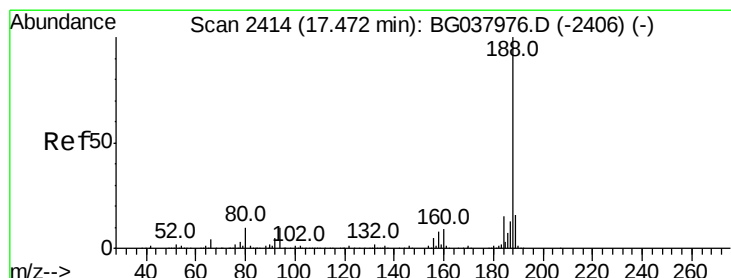
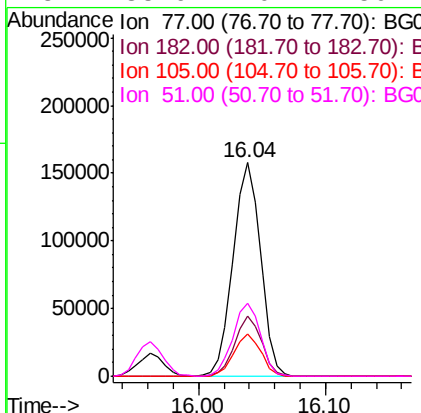
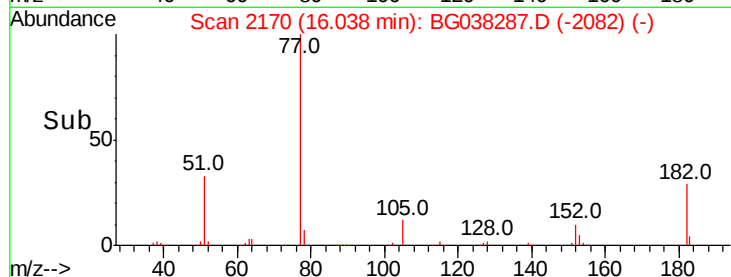
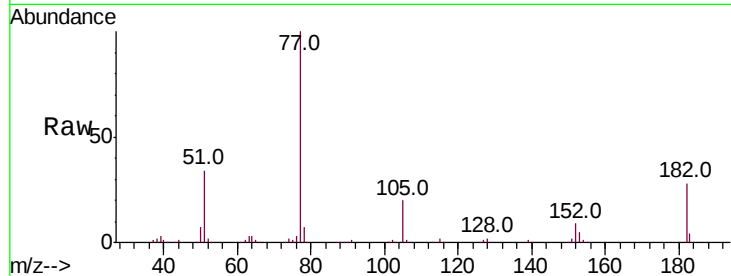
#63
Azobenzene
Concen: 42.950 ng
RT: 16.04 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.0	8.0	48.0
105	19.8	1.3	41.3
51	33.9	10.7	50.7

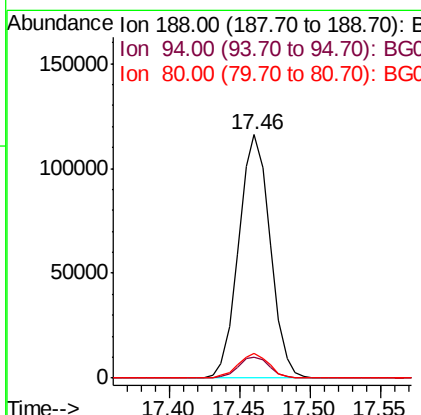
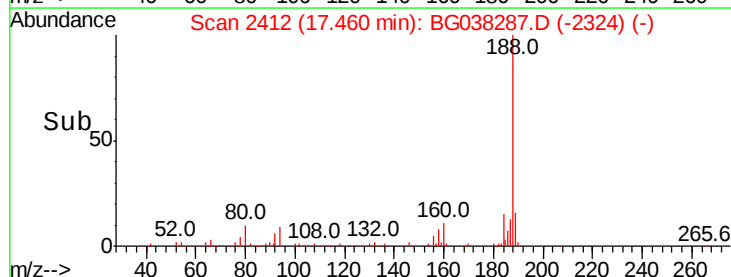
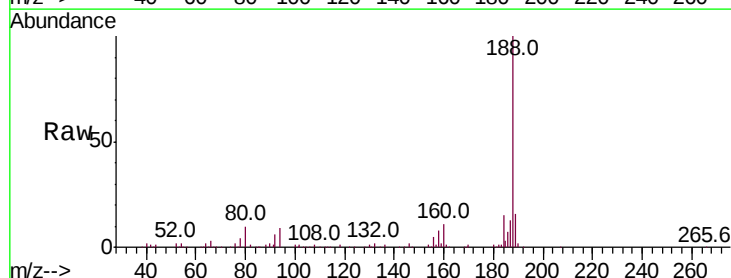
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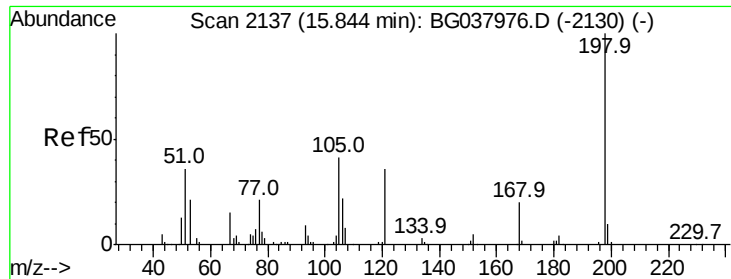
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	10.2	7.7	11.5





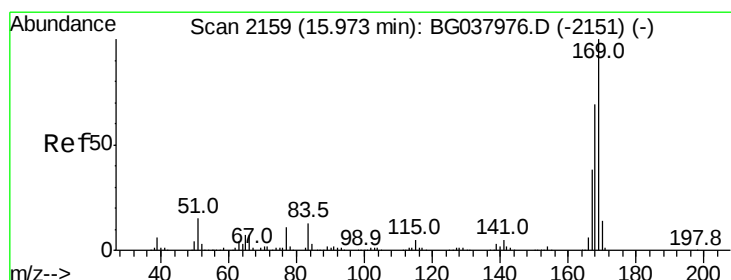
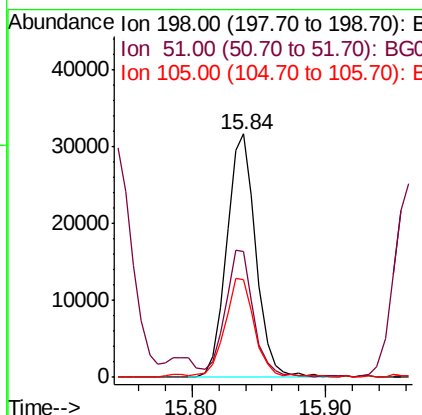
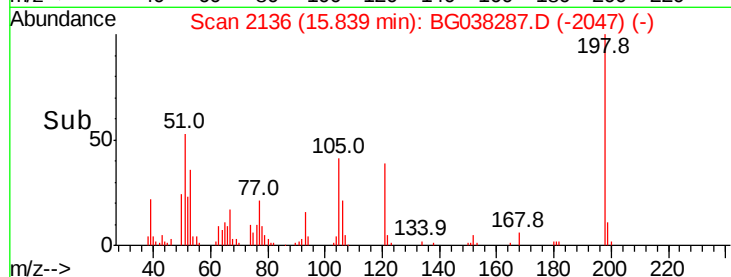
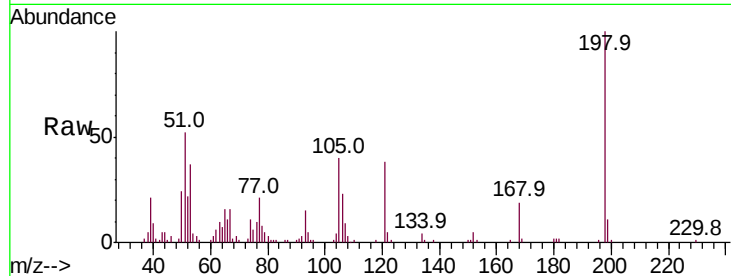
#65
4,6-Dinitro-2-methylphenol
Concen: 42.221 ng
RT: 15.84 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	51.5	22.7	62.7
105	39.9	19.7	59.7

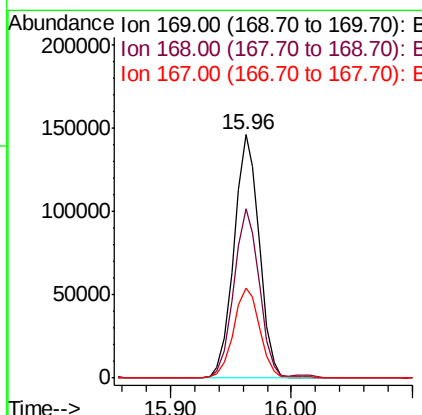
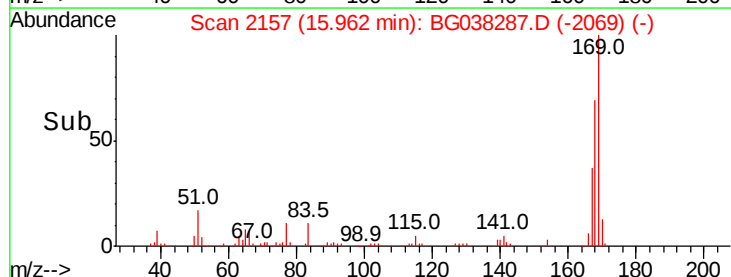
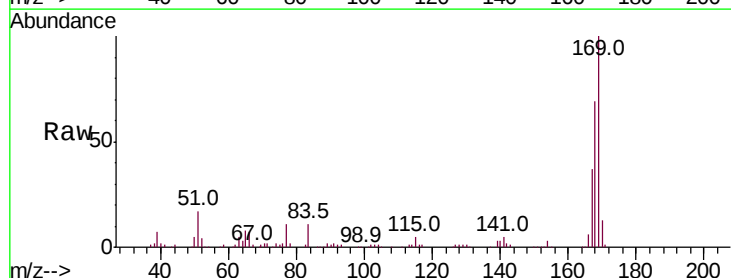
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#66
n-Nitrosodiphenylamine
Concen: 38.842 ng
RT: 15.96 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.5	55.7	83.5
167	37.2	31.3	46.9





#67

4-Bromophenyl-phenylether

Concen: 39.899 ng

RT: 16.64 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

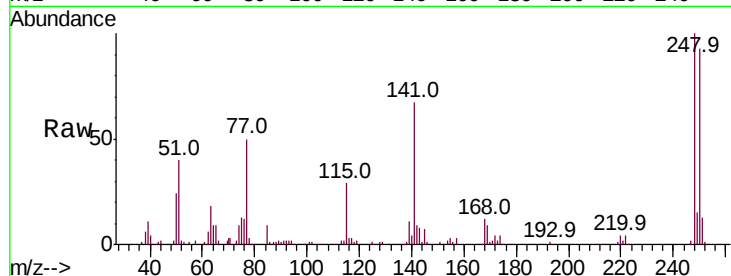
ClientSampleId :

PB115178BS

Tot Ion:	248	Resp:	79348
Ion Ratio	Lower	Upper	
248	100		
250	93.2	77.0	115.6
141	67.0	55.5	83.3

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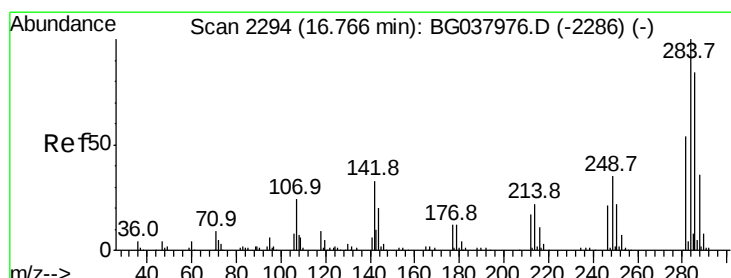
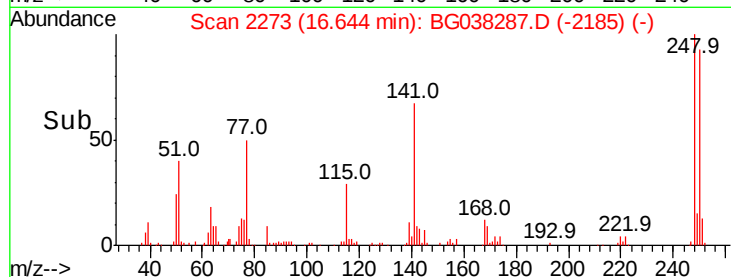
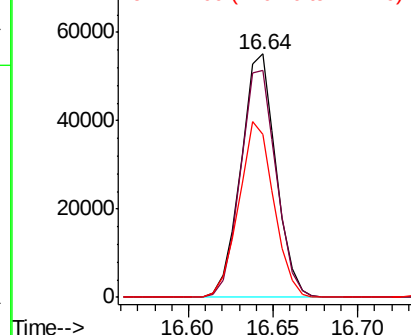


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 39.876 ng

RT: 16.76 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

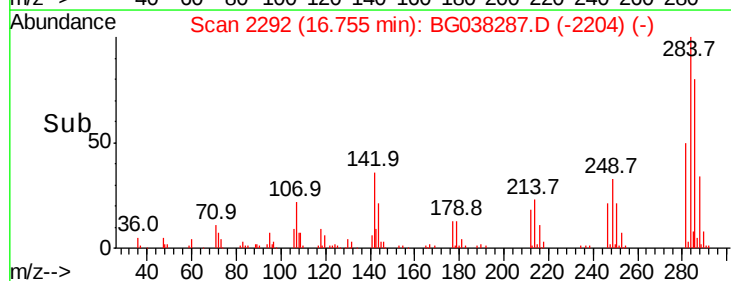
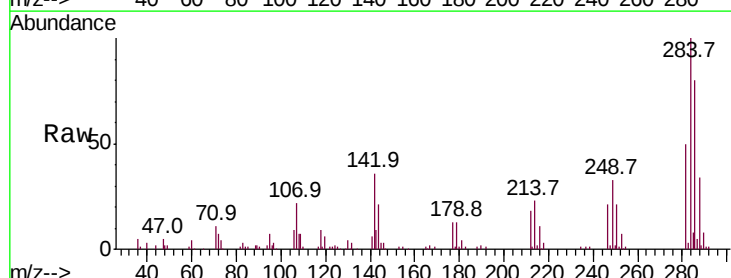
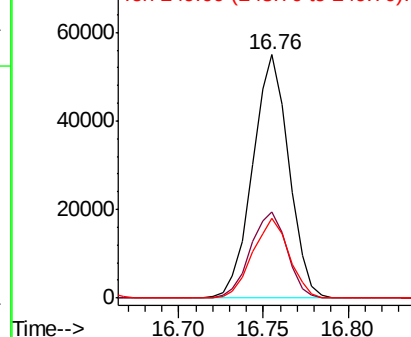
Tgt Ion:	284	Resp:	81857
Ion Ratio	Lower	Upper	
284	100		
142	35.6	28.1	42.1
249	33.0	29.8	44.8

Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





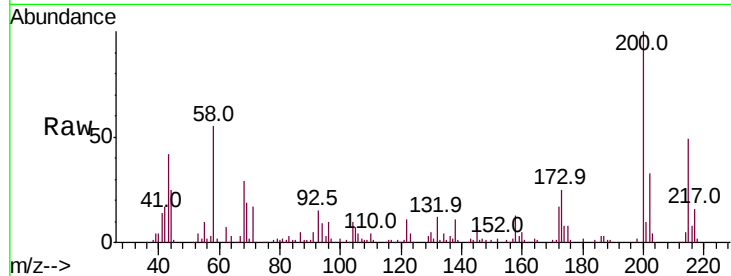
#69
Atrazine
Concen: 42.331 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

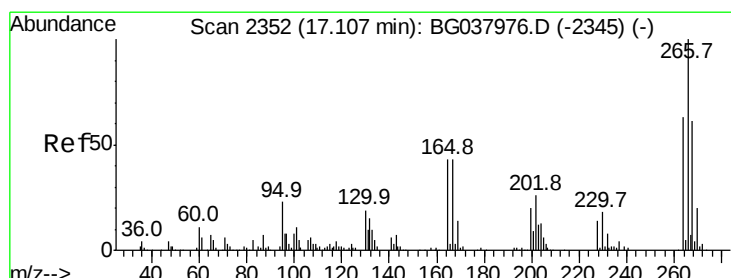
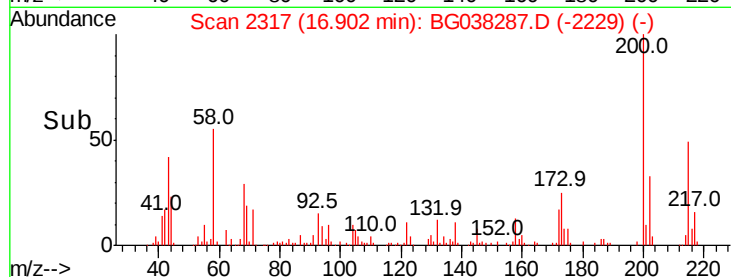
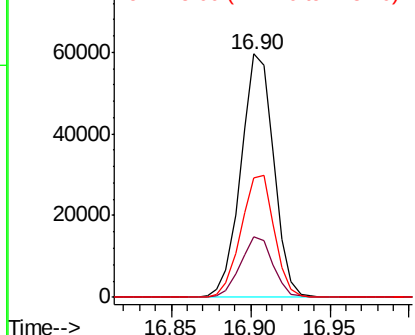
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.9	6.1	46.1
215	49.1	30.8	70.8

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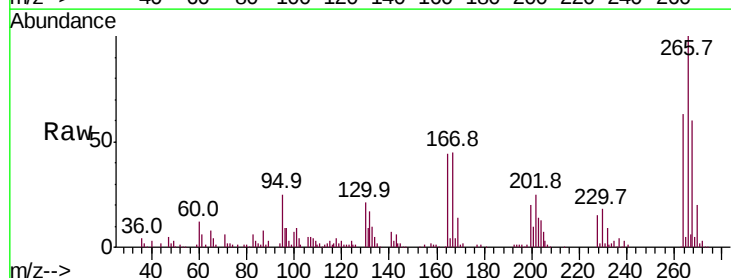


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

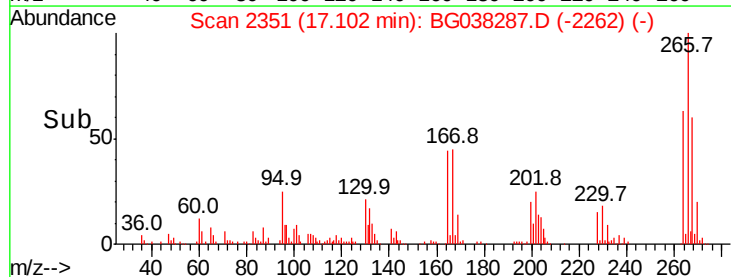
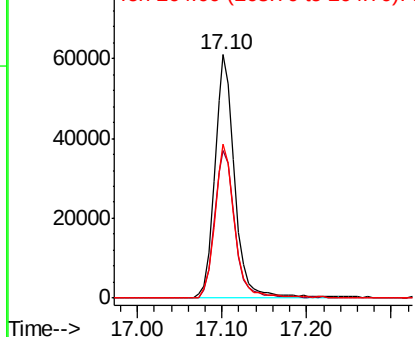


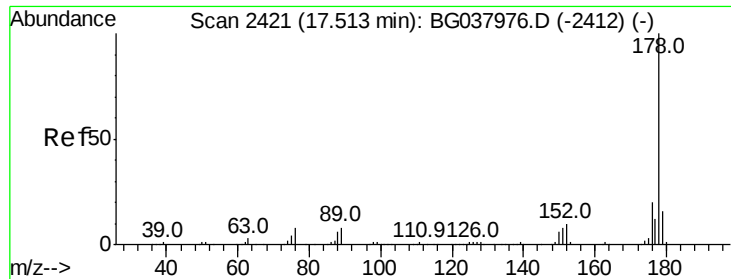
#70
Pentachlorophenol
Concen: 72.603 ng
RT: 17.10 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.4	55.0	82.6
264	63.5	58.9	88.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





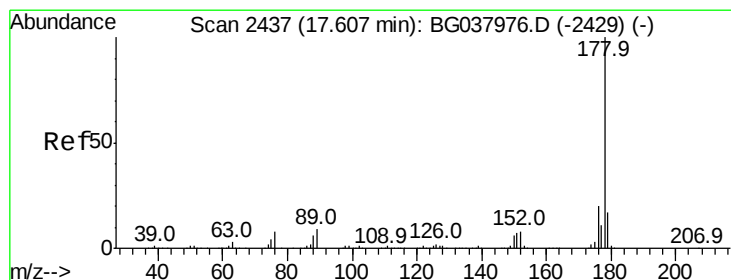
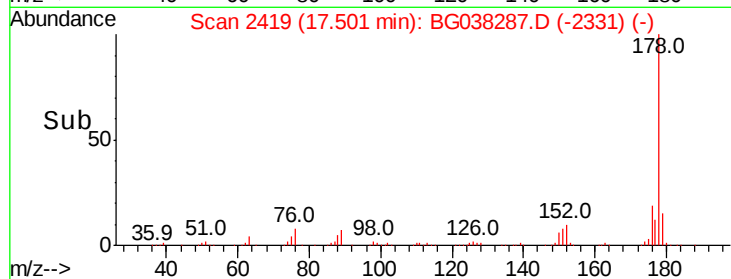
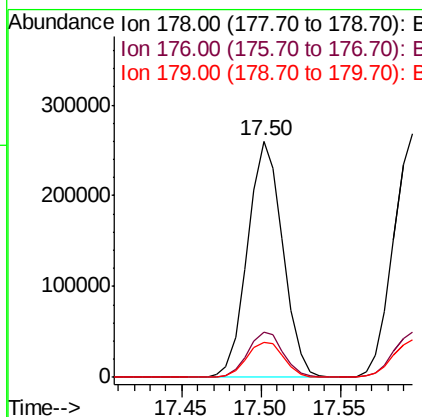
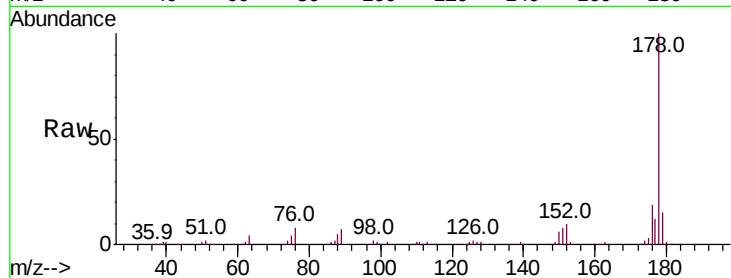
#71
Phenanthrene
Concen: 43.218 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.1	24.1
179	15.0	13.0	19.4

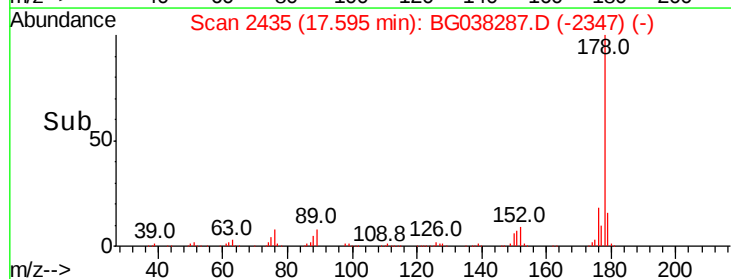
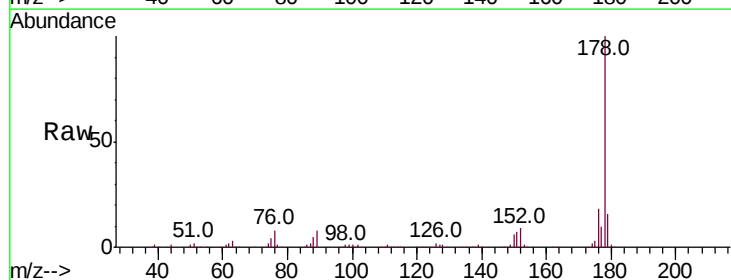
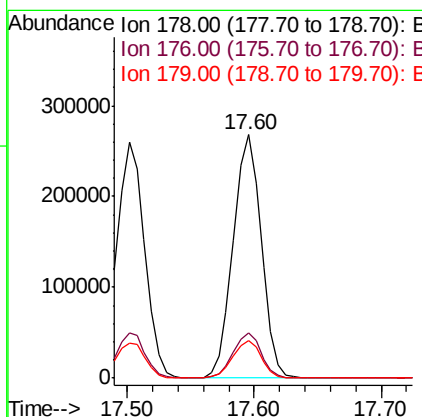
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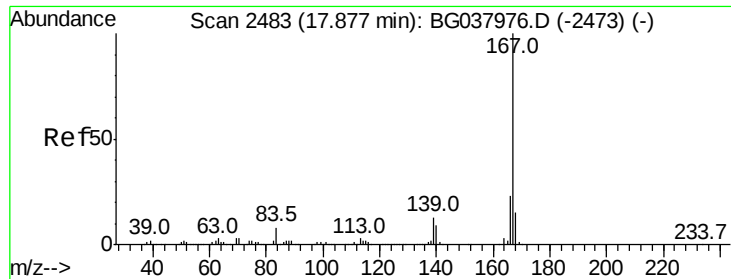
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#72
Anthracene
Concen: 44.888 ng
RT: 17.60 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.5	12.8	19.2





#73

Carbazole

Concen: 40.561 ng

RT: 17.87 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

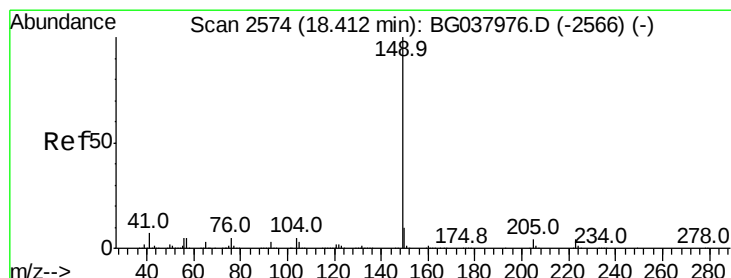
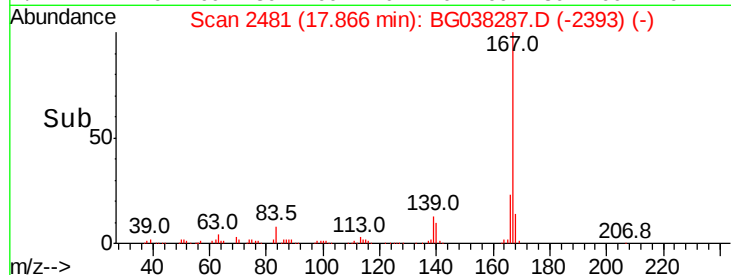
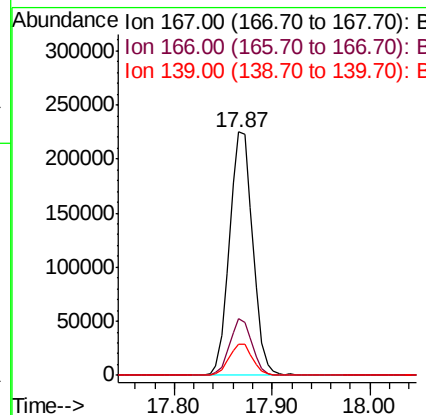
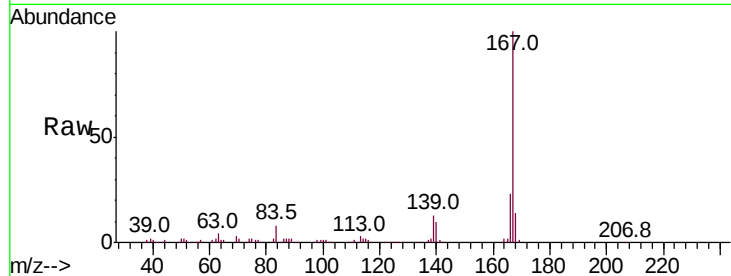
ClientSampleId :

PB115178BS

Tot Ion:	167	Resp:	372130
Ion Ratio	Lower	Upper	
167	100		
166	23.1	18.3	27.5
139	13.0	10.5	15.7

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#74

Di-n-butylphthalate

Concen: 44.243 ng

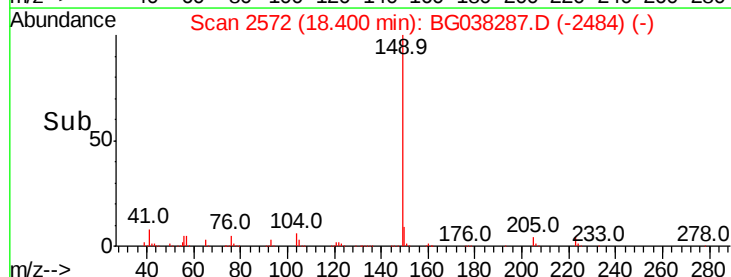
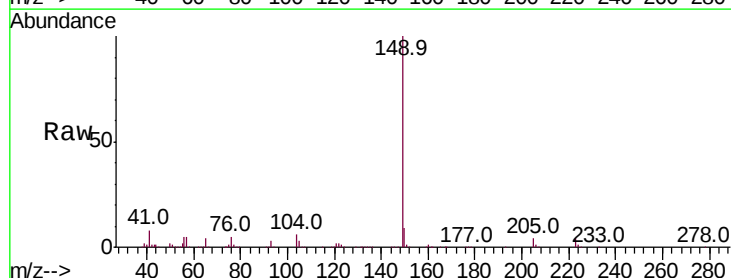
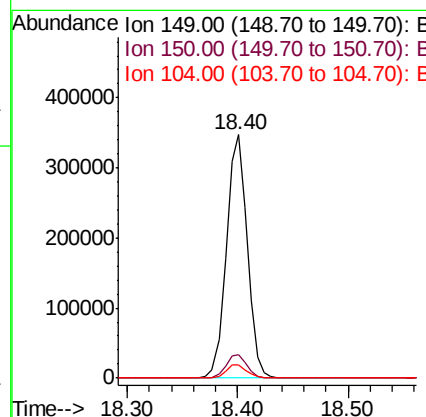
RT: 18.40 min Scan# 2572

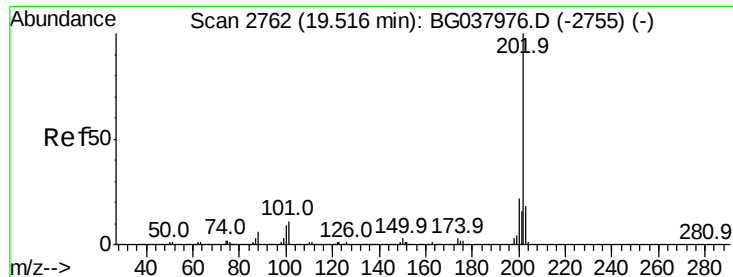
Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Tgt Ion:	149	Resp:	455649
Ion Ratio	Lower	Upper	
149	100		
150	9.4	8.2	12.2
104	5.5	4.0	6.0





#75

Fluoranthene

Concen: 46.118 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

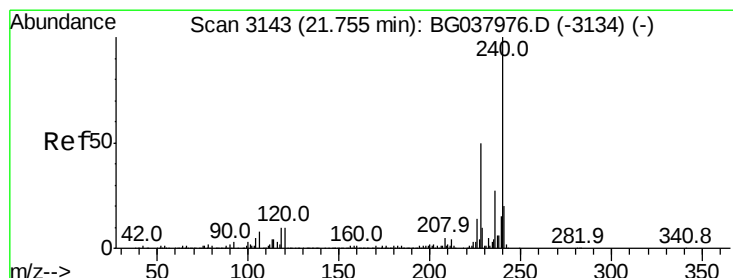
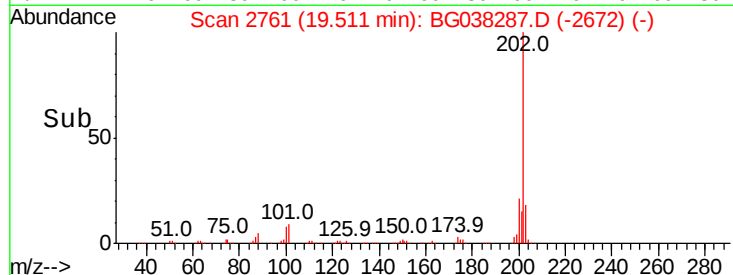
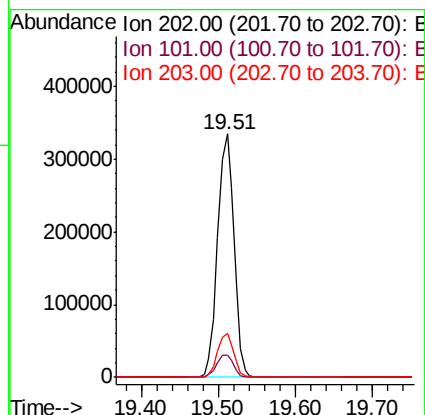
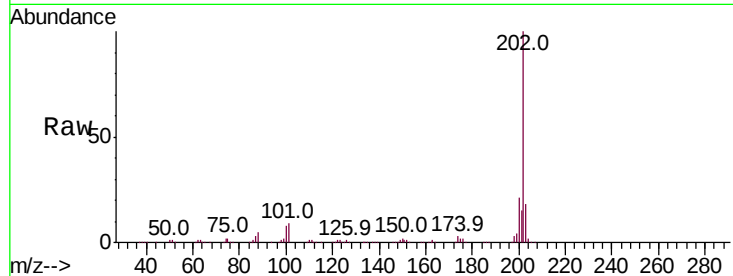
ClientSampleId :

PB115178BS

Tot Ion:	202	Resp:	488117
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	30.7
203	18.3	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

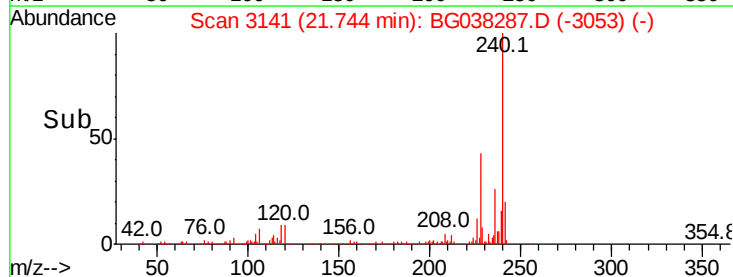
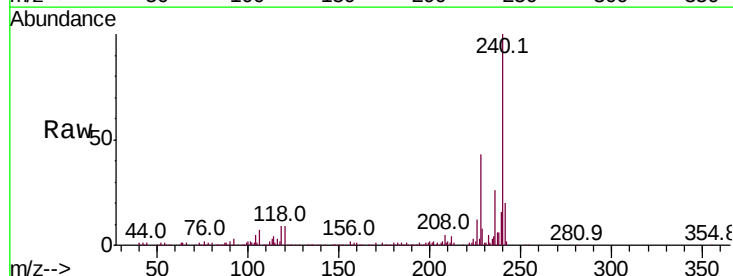
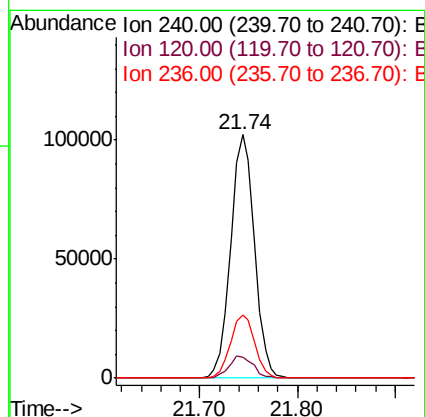
RT: 21.74 min Scan# 3141

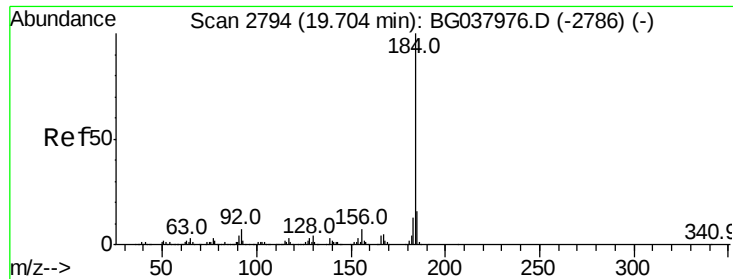
Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Tgt Ion:	240	Resp:	172202
Ion Ratio	Lower	Upper	
240	100		
120	8.7	8.1	12.1
236	25.8	21.4	32.0





#77

Benzidine

Concen: 26.567 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

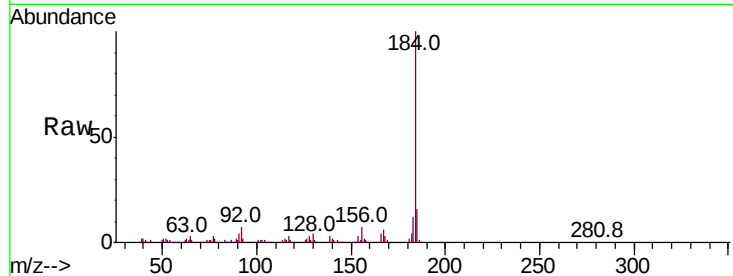
ClientSampleId :

PB115178BS

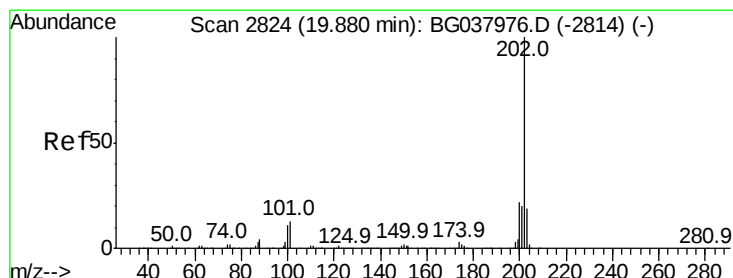
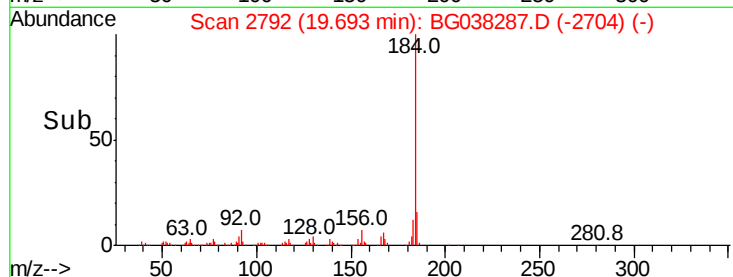
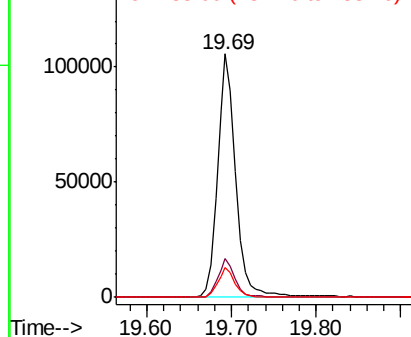
Tot Ion:	184	Resp:	160530
Ion Ratio	Lower	Upper	
184	100		
185	16.0	12.6	18.8
183	12.2	10.2	15.2

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



#78

Pyrene

Concen: 43.529 ng

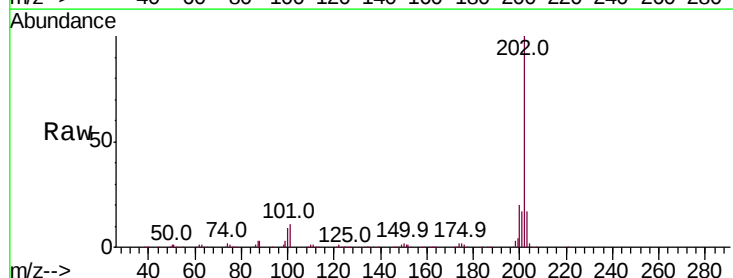
RT: 19.88 min Scan# 2823

Delta R.T. -0.01 min

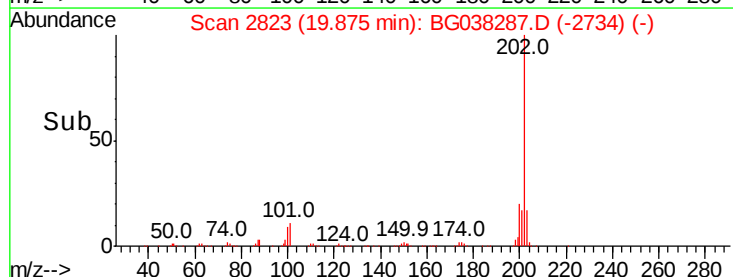
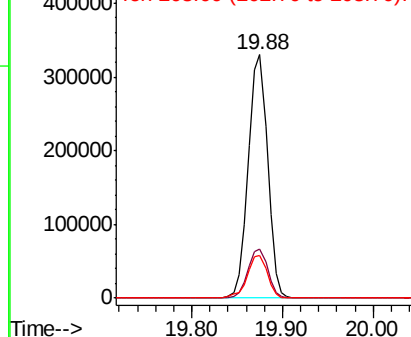
Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Tgt Ion:	202	Resp:	490076
Ion Ratio	Lower	Upper	
202	100		
200	20.0	17.8	26.6
203	17.4	15.2	22.8



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





#79

Terphenyl-d14

Concen: 83.051 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

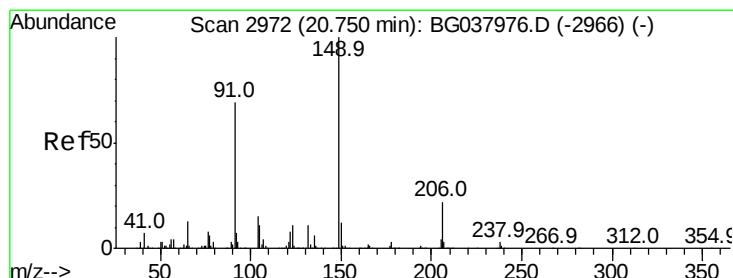
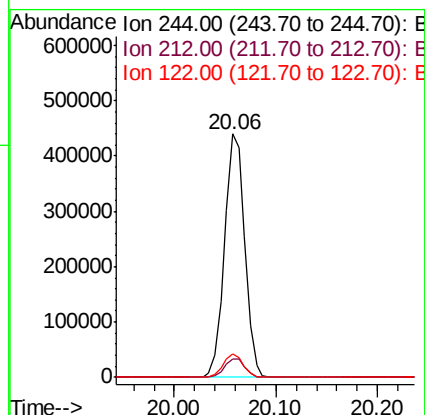
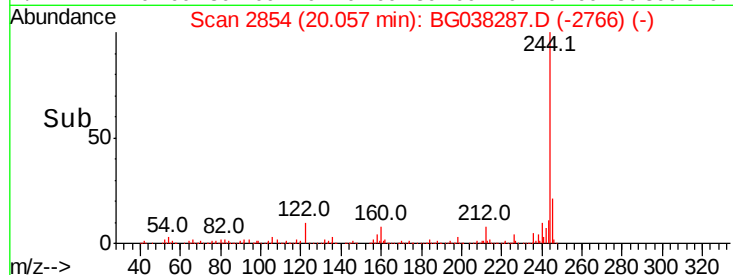
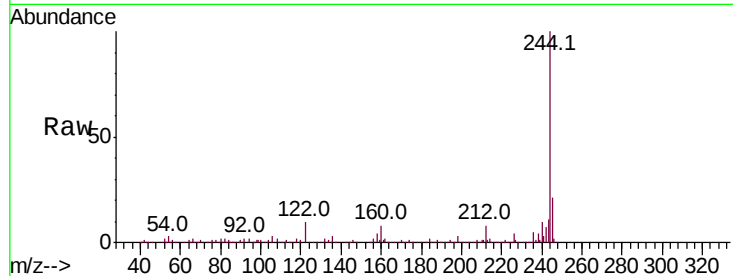
ClientSampleId :

PB115178BS

Tot Ion:	244	Resp:	607801
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.5	9.7
122	9.6	9.0	13.4

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#80

Butylbenzylphthalate

Concen: 41.430 ng

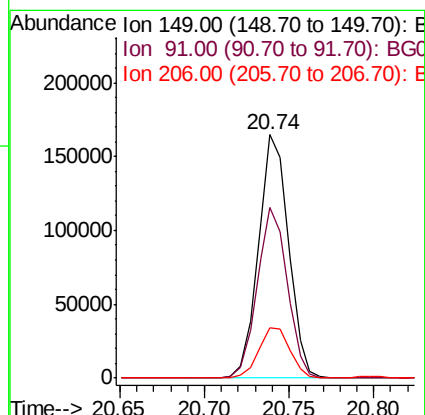
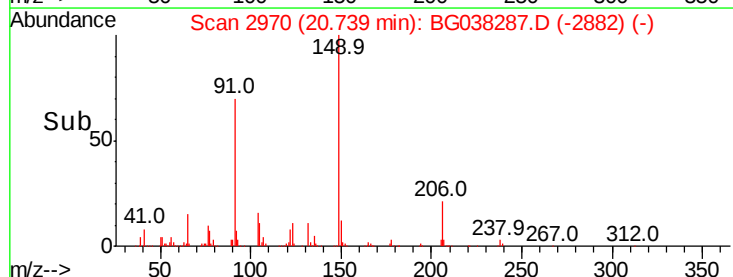
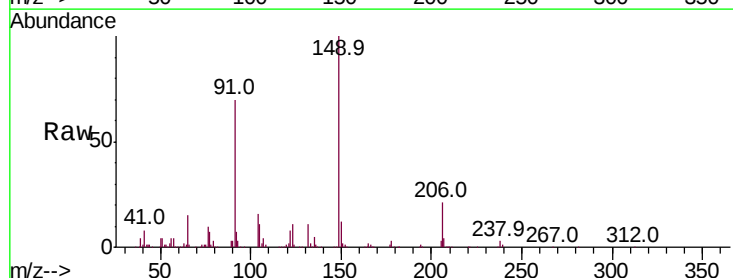
RT: 20.74 min Scan# 2970

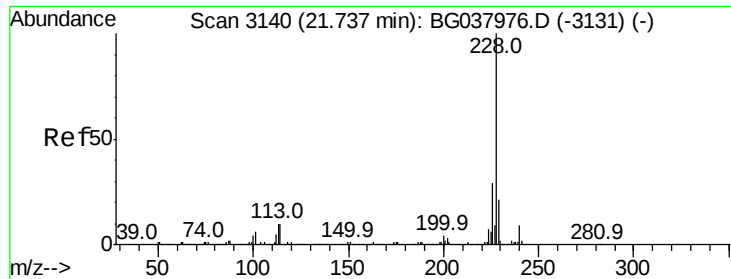
Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Tgt Ion:	149	Resp:	203983
Ion Ratio	Lower	Upper	
149	100		
91	70.3	57.0	85.4
206	20.8	17.8	26.6





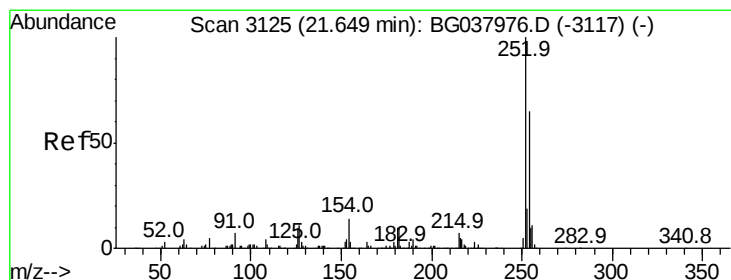
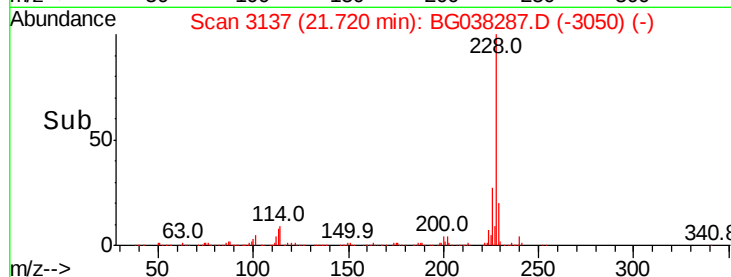
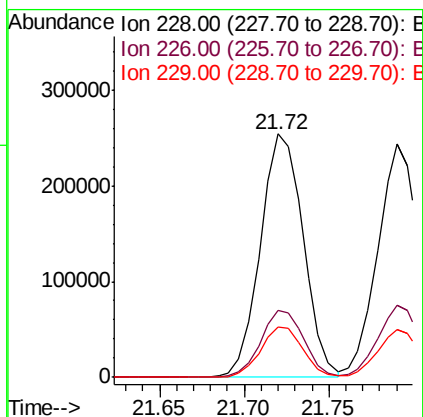
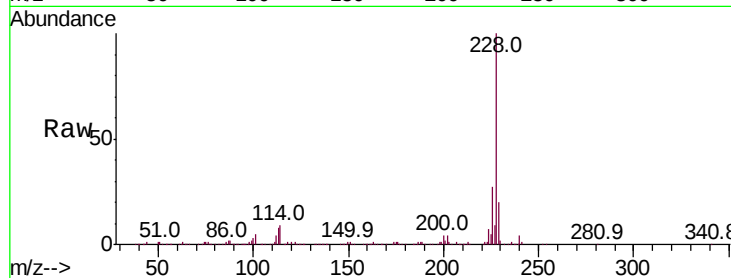
#81
Benzo(a)anthracene
Concen: 42.826 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.02 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.5	16.3	24.5

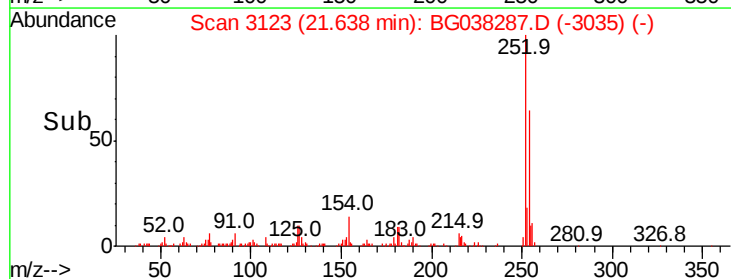
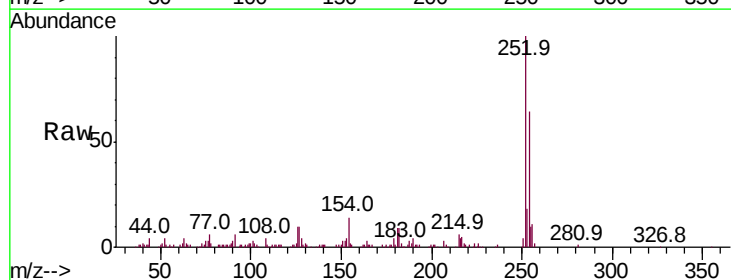
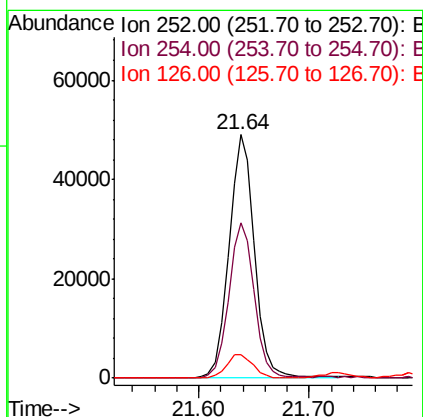
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#82
3,3'-Dichlorobenzidine
Concen: 19.538 ng
RT: 21.64 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.0	78.0
126	9.8	8.2	12.4





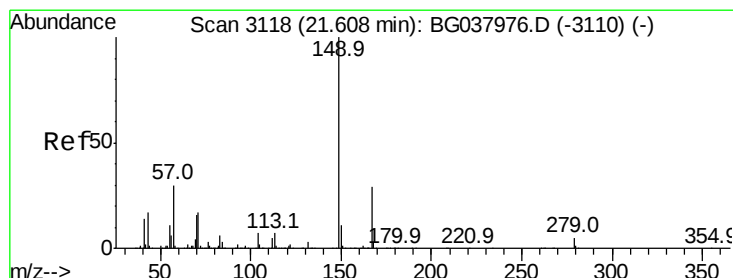
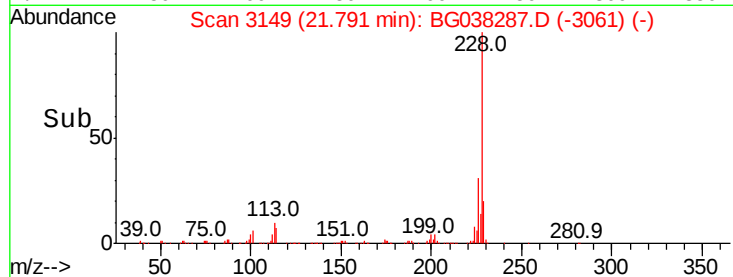
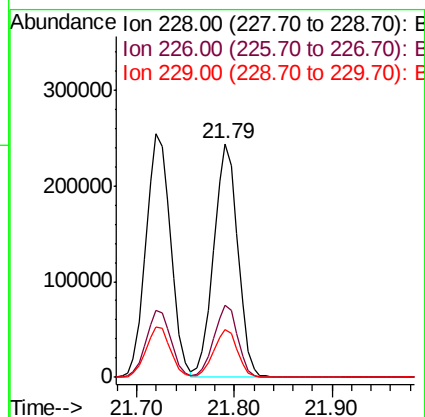
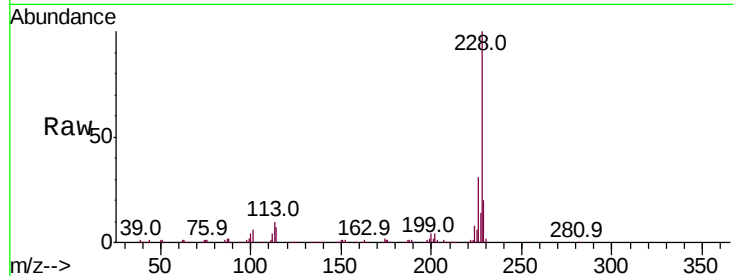
#83
 Chrysene
 Concen: 41.666 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion:	228	Resp:	414857
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.7	38.5
229	20.4	16.5	24.7

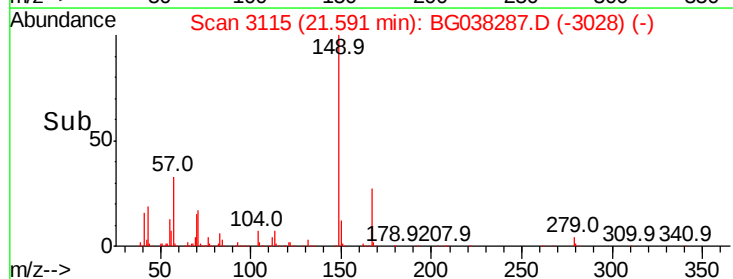
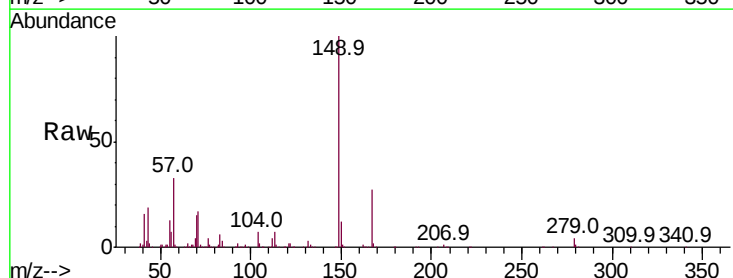
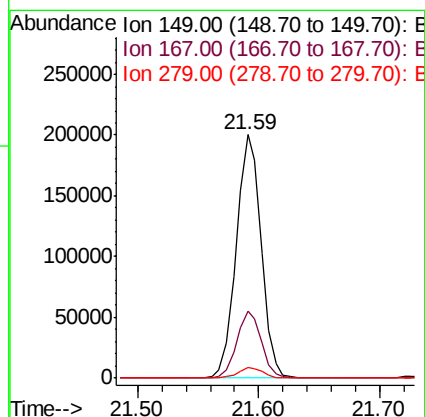
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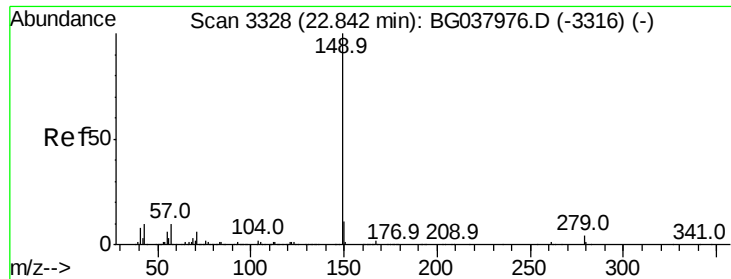
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.870 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.02 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Tgt Ion:	149	Resp:	286971
Ion Ratio	Lower	Upper	
149	100		
167	27.4	23.0	34.4
279	4.2	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 42.865 ng

RT: 22.82 min Scan# 3325

Delta R.T. -0.02 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

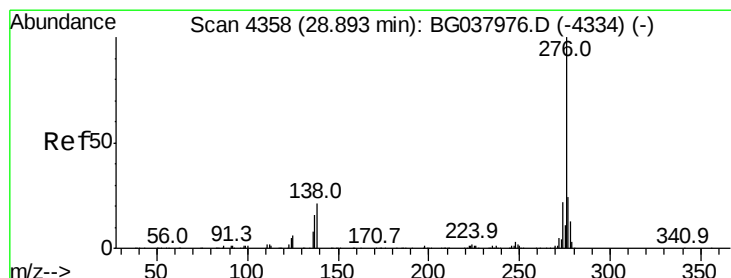
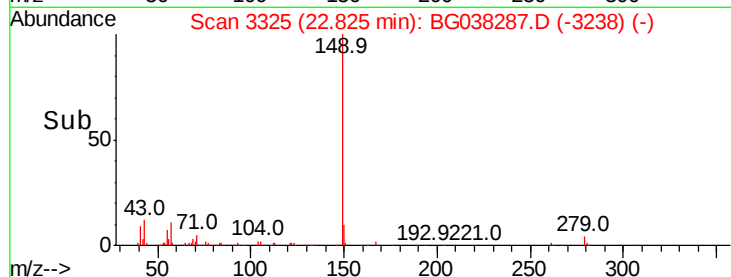
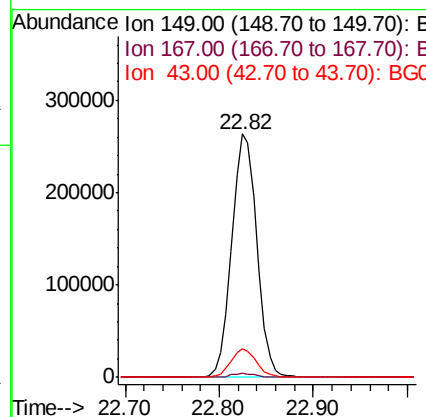
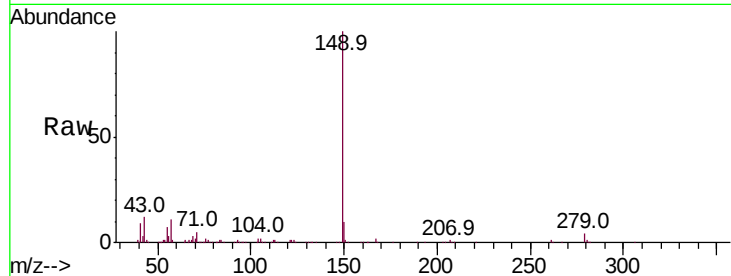
ClientSampleId :

PB115178BS

Tot Ion:	149	Resp:	486922
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.8	8.7	13.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 44.286 ng

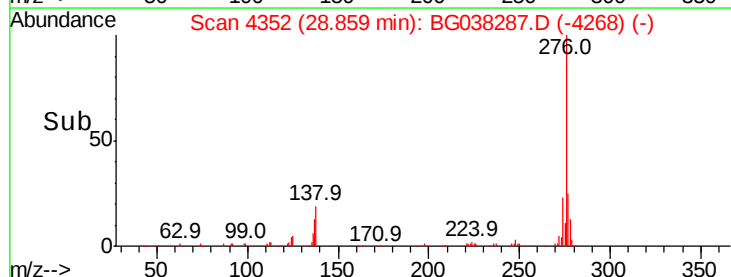
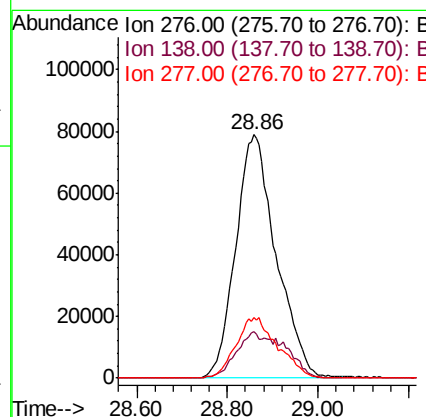
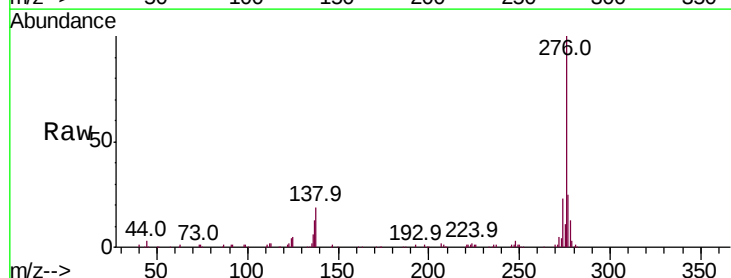
RT: 28.86 min Scan# 4352

Delta R.T. -0.03 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Tgt Ion:	276	Resp:	489727
Ion Ratio	Lower	Upper	
276	100		
138	11.7	12.0	18.0#
277	25.8	20.6	30.8





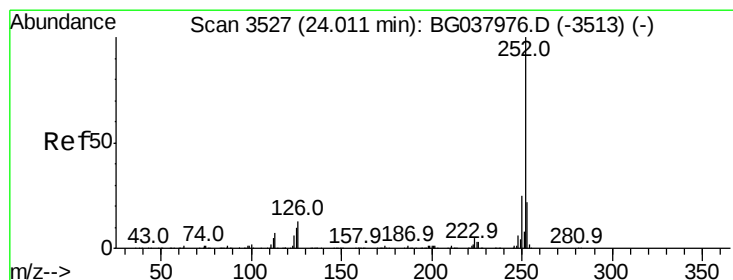
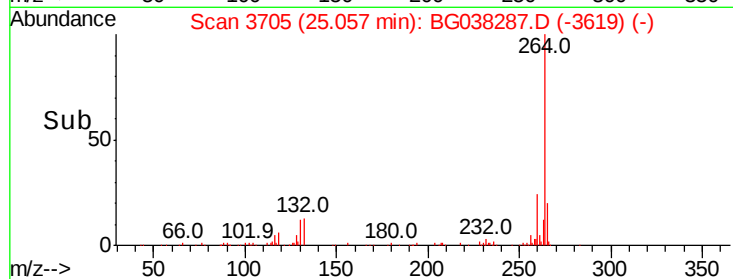
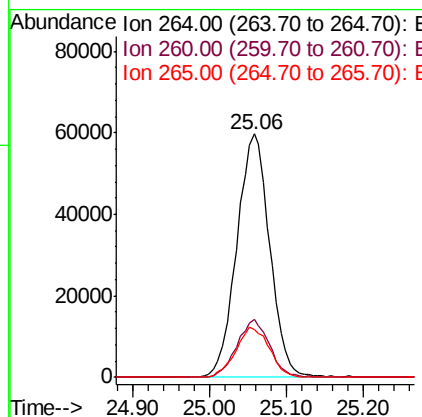
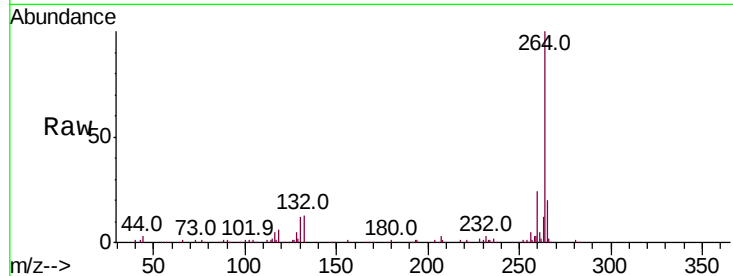
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3705
Delta R.T. -0.02 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	19.6	17.9	26.9

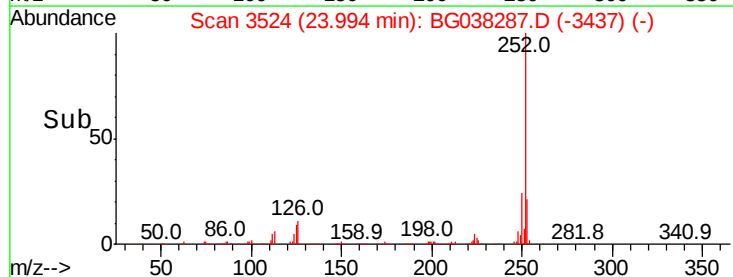
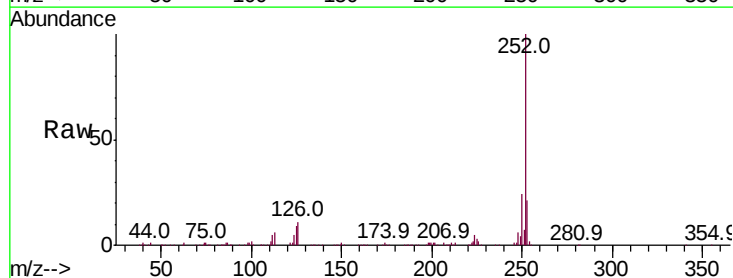
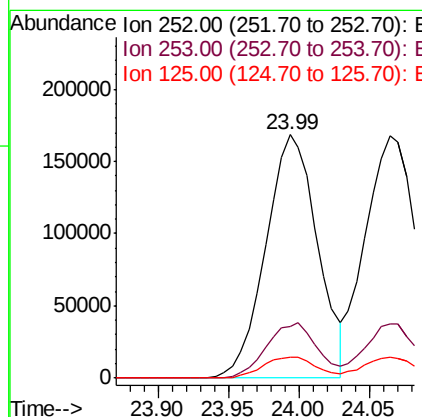
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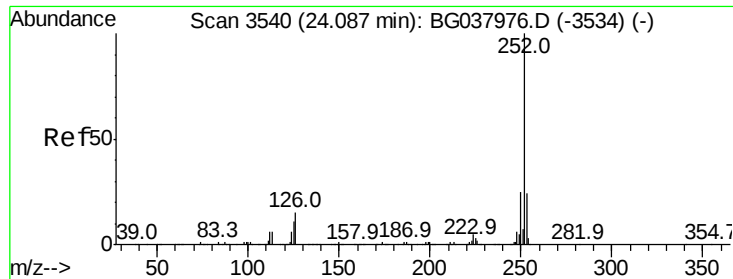
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#88
Benzo(b)fluoranthene
Concen: 43.830 ng
RT: 23.99 min Scan# 3524
Delta R.T. -0.02 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.2
125	8.7	7.8	11.6





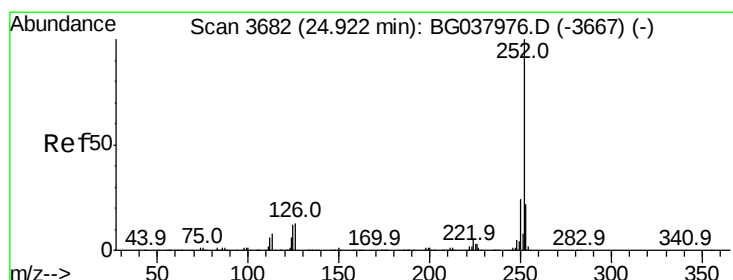
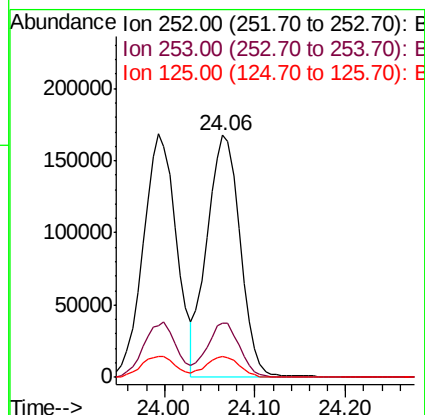
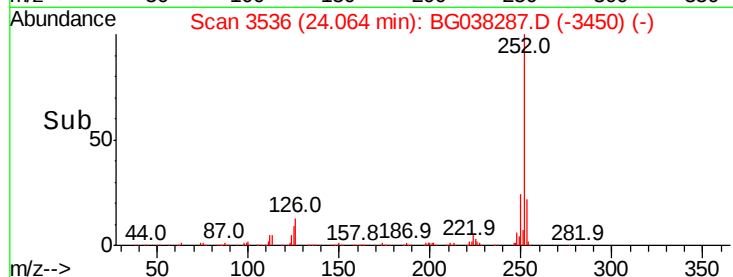
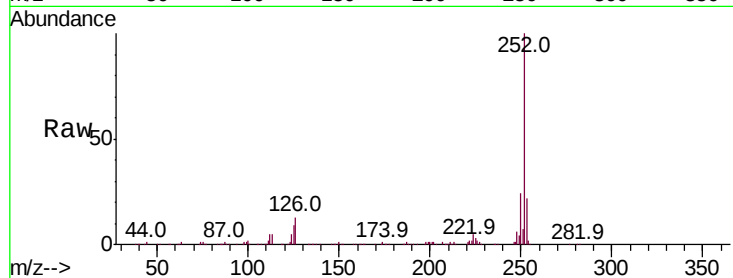
#89
Benzo(k)fluoranthene
Concen: 43.953 ng
RT: 24.06 min Scan# 3536
Delta R.T. -0.02 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	8.8	7.4	11.0

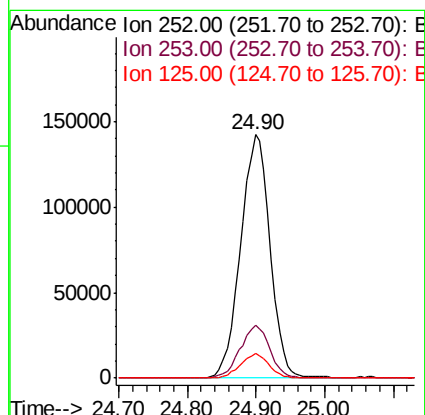
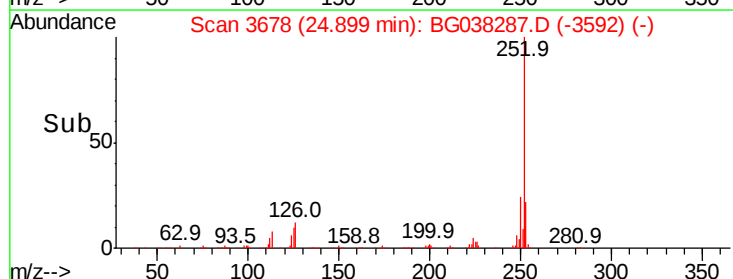
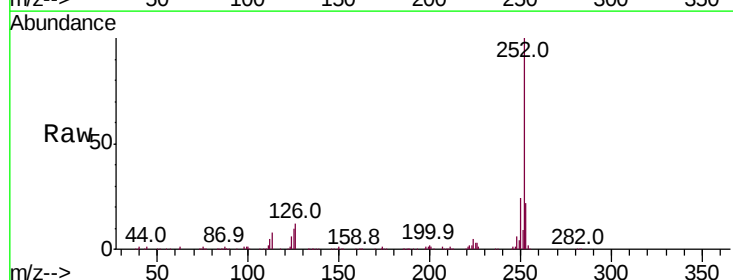
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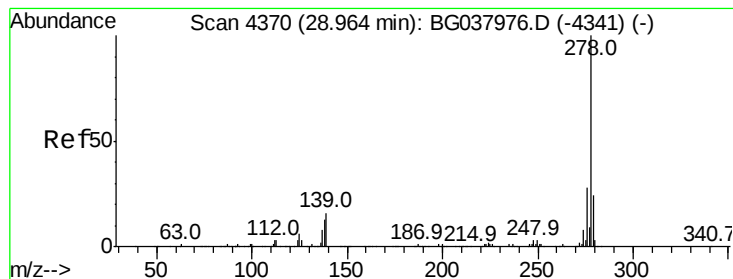
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#90
Benzo(a)pyrene
Concen: 45.211 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.1	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 44.698 ng

RT: 28.93 min Scan# 4364

Delta R.T. -0.03 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

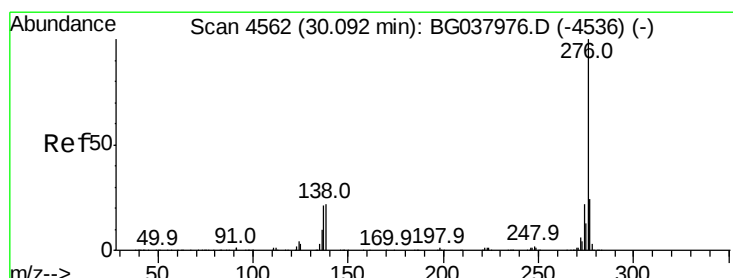
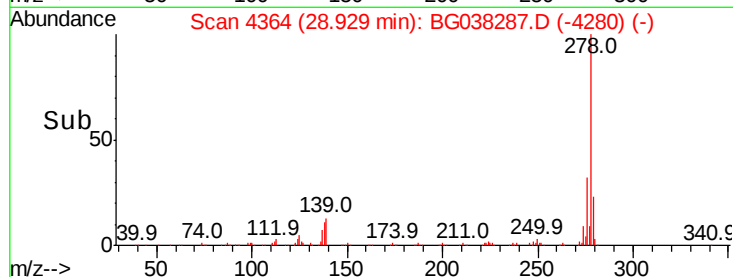
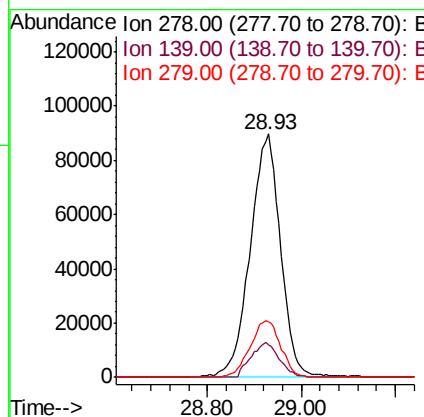
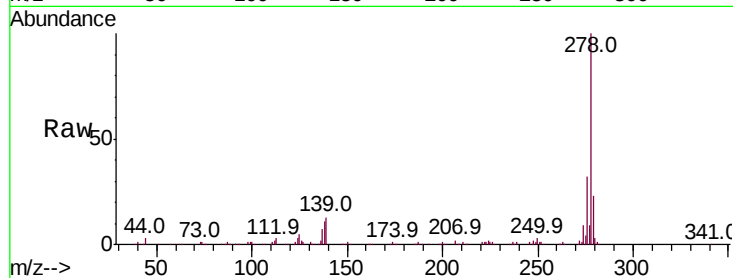
ClientSampleId :

PB115178BS

Tot Ion:	278	Resp:	404058
Ion Ratio	Lower	Upper	
278	100		
139	13.3	11.5	17.3
279	23.0	18.6	27.8

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 44.947 ng

RT: 30.06 min Scan# 4556

Delta R.T. -0.03 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Tgt Ion:	276	Resp:	403997
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.9	28.3
138	18.7	17.2	25.8

