

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038302.D
 Acq On : 2 Dec 2018 00:45
 Operator : JU/SJ
 Sample : PB115183BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Manual Integrations
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mohammad
 12/3/2018 5:13:30 PM

Quant Time: Dec 03 07:10:59 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	24624	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	106663	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	70242	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	175316	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	167506	20.00	ng	-0.01
87) Perylene-d12	25.06	264	176104	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	142396	99.84	ng	-0.01
7) Phenol-d6	7.22	99	195964	96.26	ng	0.00
23) Nitrobenzene-d5	9.26	82	179285	89.98	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	82109	102.50	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	417426	86.58	ng	-0.01
79) Terphenyl-d14	20.06	244	707574	99.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	22577	33.515	ng	# 90
3) Pyridine	3.91	79	64581	33.607	ng	92
4) n-Nitrosodimethylamine	3.83	42	36463	52.302	ng	82
6) Aniline	7.40	93	45990	17.503	ng	98
8) 2-Chlorophenol	7.64	128	75572	45.667	ng	94
9) Benzaldehyde	7.22	77	44381	30.145	ng	99
10) Phenol	7.25	94	100294	46.511	ng	96
11) bis(2-Chloroethyl)ether	7.49	93	69566	39.517	ng	99
12) 1,3-Dichlorobenzene	7.96	146	75158	39.424	ng	96
13) 1,4-Dichlorobenzene	8.11	146	76567	39.759	ng	97
14) 1,2-Dichlorobenzene	8.43	146	73475	39.962	ng	95
15) Benzyl Alcohol	8.32	79	69673	47.297	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	154839	47.367	ng	96
17) 2-Methylphenol	8.51	107	66917	45.900	ng	95
18) Hexachloroethane	9.16	117	29068	41.474	ng	95
19) n-Nitroso-di-n-propylamine	8.88	70	59062	40.095	ng	93
20) 3+4-Methylphenols	8.84	107	91612	44.328	ng	93
22) Acetophenone	8.90	105	111415	41.983	ng	# 95
24) Nitrobenzene	9.30	77	87332	42.845	ng	97
25) Isophorone	9.81	82	167251	46.634	ng	99
26) 2-Nitrophenol	10.00	139	41989	41.263	ng	90
27) 2,4-Dimethylphenol	10.05	122	78852	51.431	ng	99
28) bis(2-Chloroethoxy)methane	10.29	93	98541	42.968	ng	96
29) 2,4-Dichlorophenol	10.54	162	79476	46.086	ng	96
30) 1,2,4-Trichlorobenzene	10.76	180	78186	40.459	ng	98
31) Naphthalene	10.95	128	229352	43.718	ng	99
32) Benzoic acid	10.18	122	38579	41.371	ng	96
33) 4-Chloroaniline	11.07	127	25075	10.275	ng	95
34) Hexachlorobutadiene	11.21	225	48905	41.119	ng	98
35) Caprolactam	11.84	113	30476m	44.151	ng	
36) 4-Chloro-3-methylphenol	12.17	107	90511	48.041	ng	94
37) 2-Methylnaphthalene	12.54	142	172419	45.754	ng	97
38) 1-Methylnaphthalene	12.76	142	167366	46.140	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	89786	38.253	ng	97

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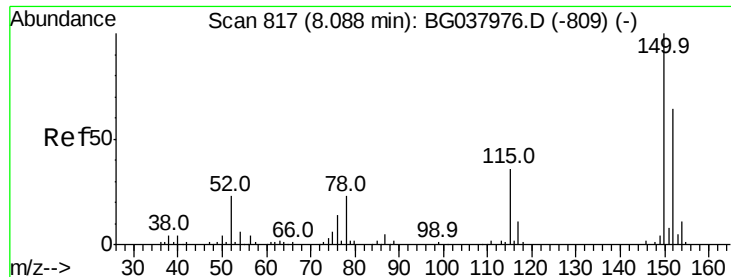
Manual Integrations
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Quant Time: Dec 03 07:10:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	119122	94.778	nq	99
43) 2,4,6-Trichlorophenol	13.15	196	68437	42.788	nq	96
44) 2,4,5-Trichlorophenol	13.22	196	74577	44.314	nq	97
46) 1,1'-Biphenyl	13.55	154	226659	38.410	nq	99
47) 2-Chloronaphthalene	13.59	162	182460	40.519	nq	98
48) 2-Nitroaniline	13.80	65	66325	46.799	nq	96
49) Acenaphthylene	14.44	152	304234	44.928	nq	99
50) Dimethylphthalate	14.16	163	249983	44.891	nq	100
51) 2,6-Dinitrotoluene	14.29	165	56388	44.741	nq	94
52) Acenaphthene	14.78	154	172906	42.414	nq	99
53) 3-Nitroaniline	14.63	138	18808	13.524	nq	92
54) 2,4-Dinitrophenol	14.83	184	64625	93.267	nq	88
55) Dibenzofuran	15.12	168	284880	42.261	nq	98
56) 4-Nitrophenol	14.93	139	97853	91.230	nq	86
57) 2,4-Dinitrotoluene	15.08	165	81760	47.679	nq	# 95
58) Fluorene	15.76	166	235354	46.794	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	69345	49.243	nq	96
60) Diethylphthalate	15.51	149	266885	45.122	nq	97
61) 4-Chlorophenyl-phenylether	15.74	204	125053	42.492	nq	97
62) 4-Nitroaniline	15.79	138	58382	42.258	nq	89
63) Azobenzene	16.04	77	239166	45.225	nq	95
65) 4,6-Dinitro-2-methylphenol	15.84	198	47887	43.185	nq	94
66) n-Nitrosodiphenylamine	15.96	169	212666	40.097	nq	98
67) 4-Bromophenyl-phenylether	16.64	248	79700	41.419	nq	97
68) Hexachlorobenzene	16.75	284	81584	41.075	nq	99
69) Atrazine	16.91	200	86021	43.997	nq	98
70) Pentachlorophenol	17.10	266	101513	75.253	nq	97
71) Phenanthrene	17.51	178	402540	44.847	nq	100
72) Anthracene	17.59	178	409932	46.331	nq	100
73) Carbazole	17.87	167	377423	42.517	nq	98
74) Di-n-butylphthalate	18.40	149	469445	47.110	nq	98
75) Fluoranthene	19.51	202	498862	48.713	nq	99
77) Benzidine	19.69	184	117489	19.989	nq	99
78) Pyrene	19.87	202	493907	45.099	nq	98
80) Butylbenzylphthalate	20.74	149	212719	44.415	nq	97
81) Benzo(a)anthracene	21.72	228	468890	46.321	nq	100
82) 3,3'-Dichlorobenzidine	21.64	252	68628	17.405	nq	99
83) Chrysene	21.79	228	427703	44.161	nq	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	293119	42.916	nq	97
85) Di-n-octyl phthalate	22.83	149	501270	45.365	nq	97
86) Indeno(1,2,3-cd)pyrene	28.86	276	509862	47.400	nq	# 93
88) Benzo(b)fluoranthene	24.00	252	458930	47.356	nq	99
89) Benzo(k)fluoranthene	24.06	252	434661	45.454	nq	99
90) Benzo(a)pyrene	24.90	252	435489	47.021	nq	98
91) Dibenzo(a,h)anthracene	28.93	278	421040	47.248	nq	97
92) Benzo(g,h,i)perylene	30.06	276	420003	47.401	nq	96

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



#1

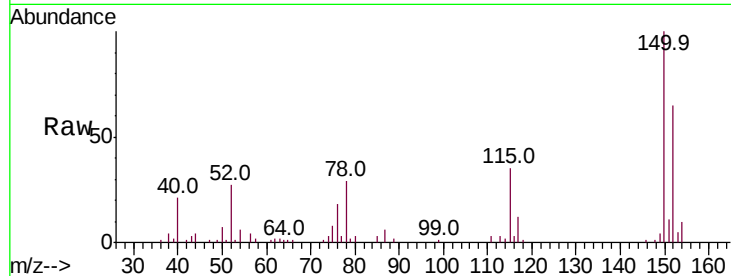
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.0	189.0
115	54.1	45.5	68.3

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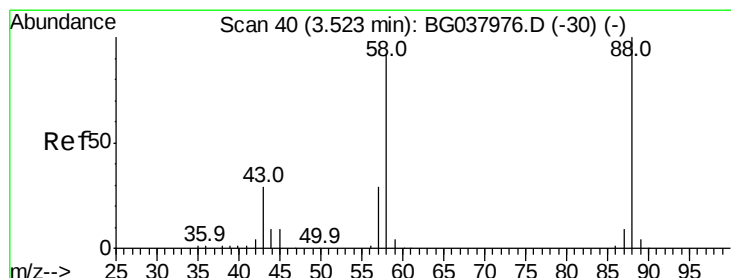
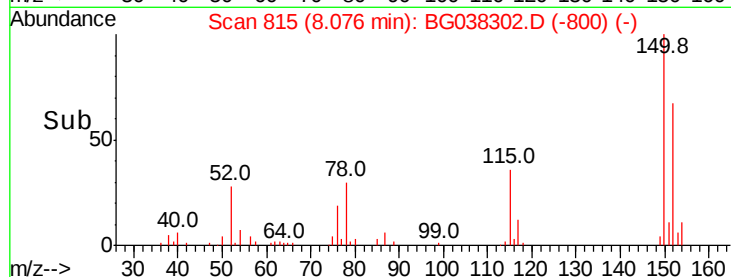
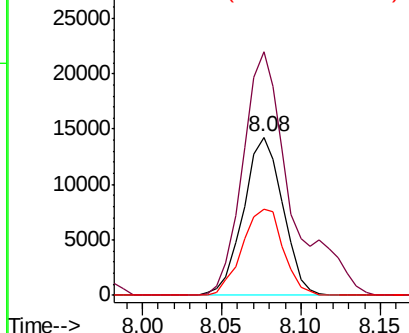


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

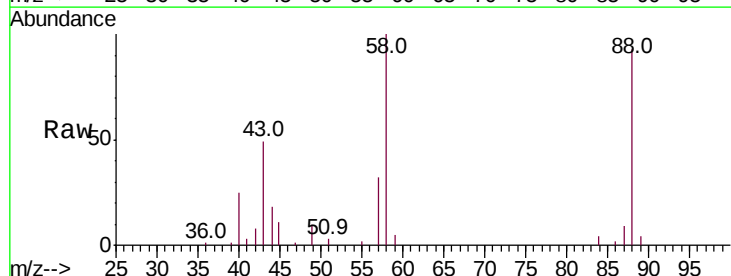
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.515 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.02 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.4	74.4	111.6
43	44.4	25.8	38.8

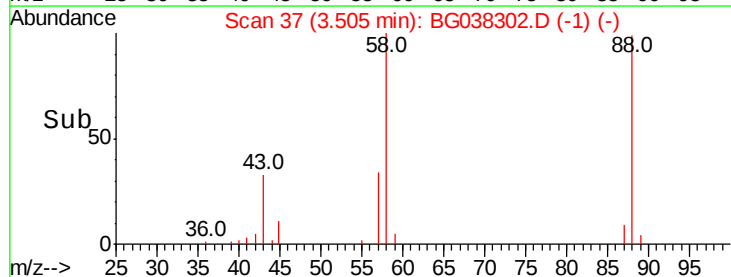
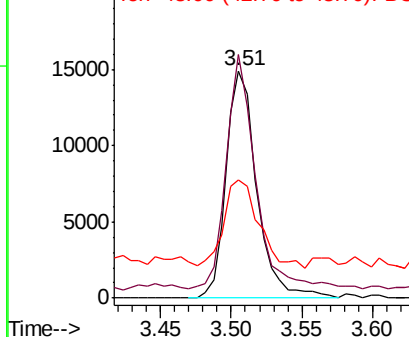


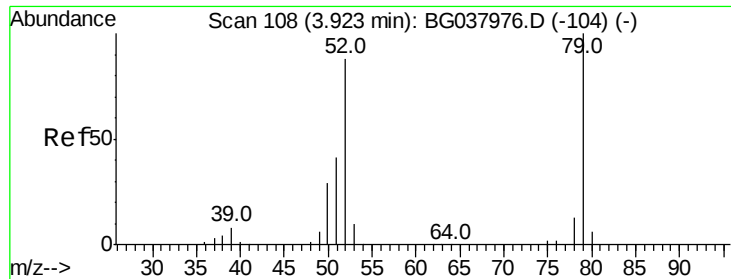
Abundance

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: 33.607 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

Tot Ion: 79 Resp: 64581

Ion Ratio Lower Upper

79 100

52 101.1 74.2 111.2

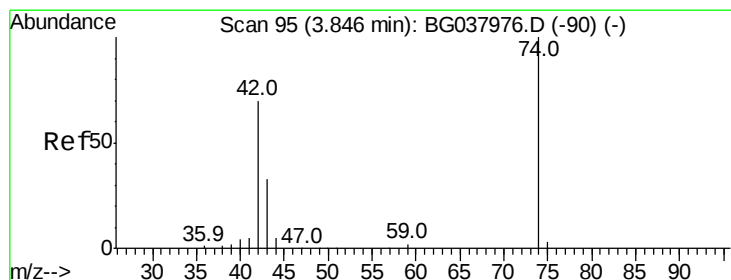
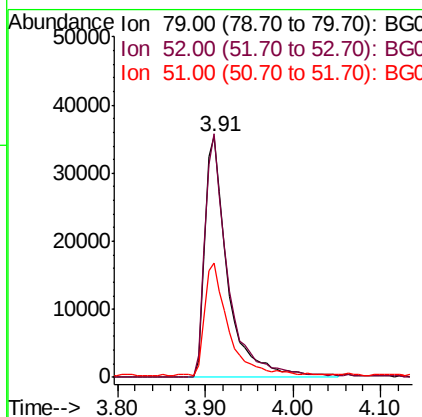
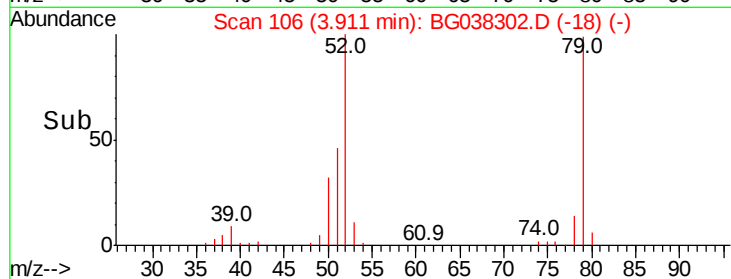
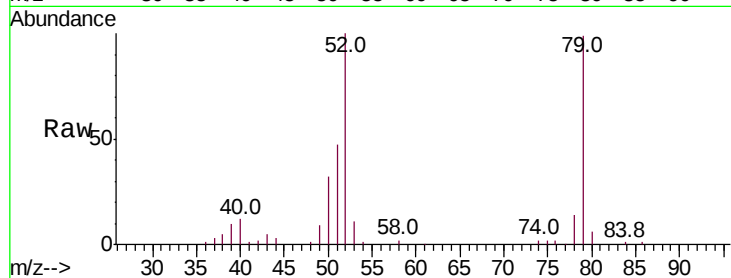
51 47.7 34.6 51.8

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#4

n-Nitrosodimethylamine

Concen: 52.302 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

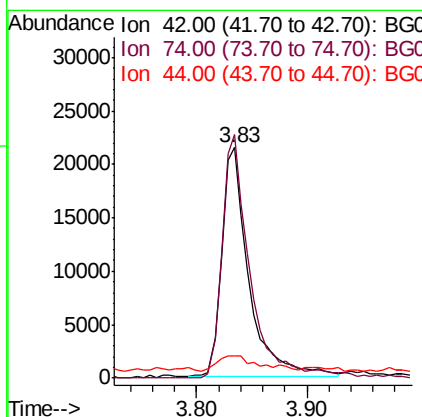
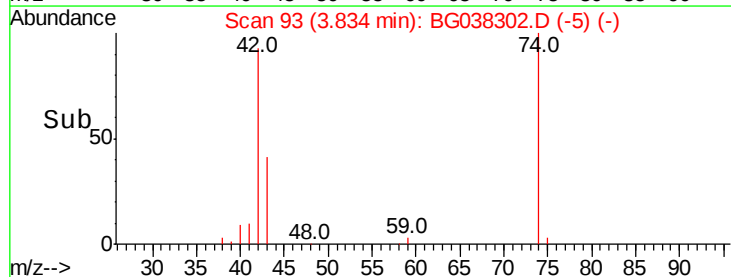
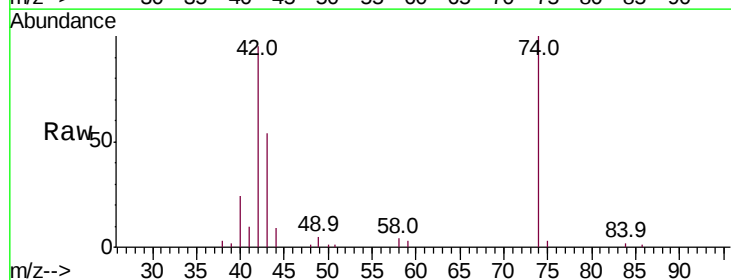
Tgt Ion: 42 Resp: 36463

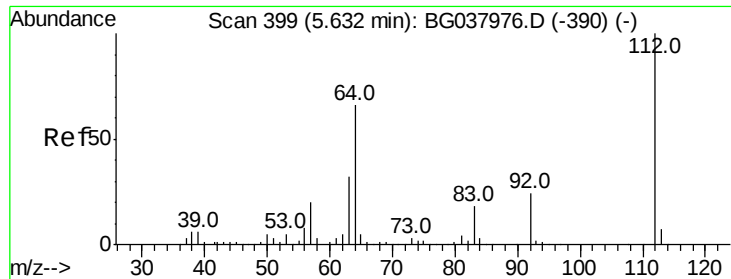
Ion Ratio Lower Upper

42 100

74 105.6 102.0 153.0

44 9.8 9.6 14.4





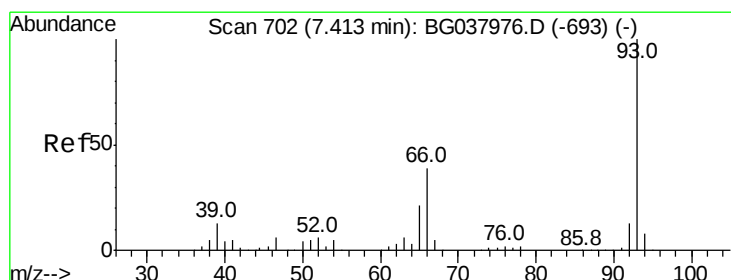
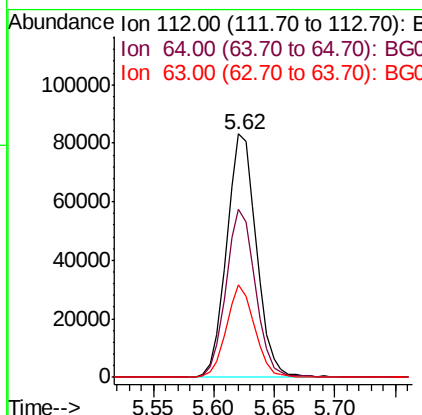
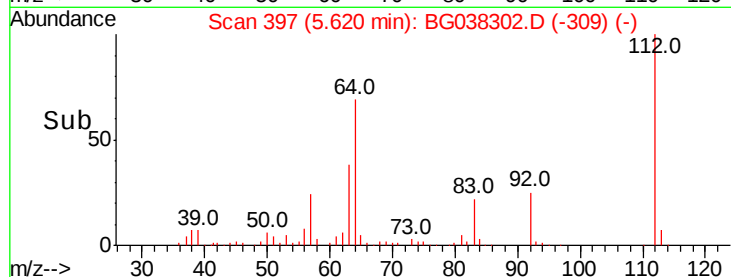
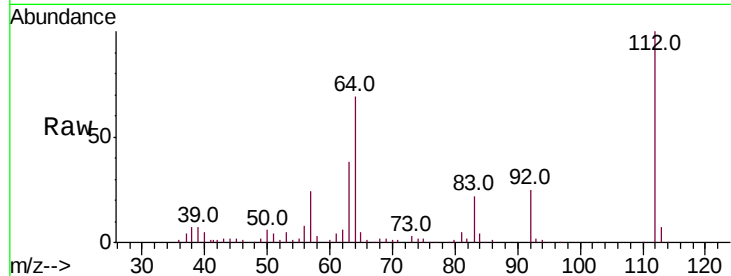
#5
2-Fluorophenol
Concen: 99.844 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion:	112	Resp:	142396
Ion Ratio	Lower	Upper	
112	100		
64	68.9	53.1	79.7
63	37.9	27.3	40.9

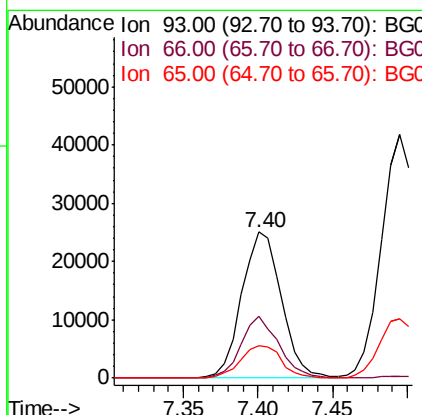
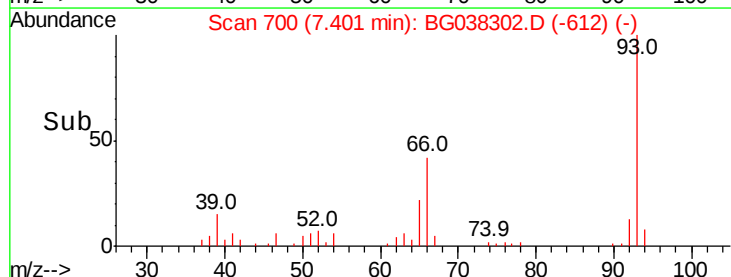
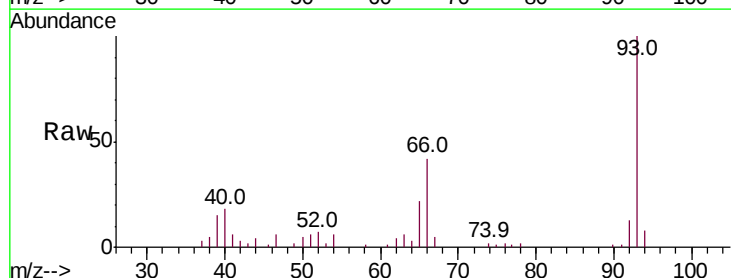
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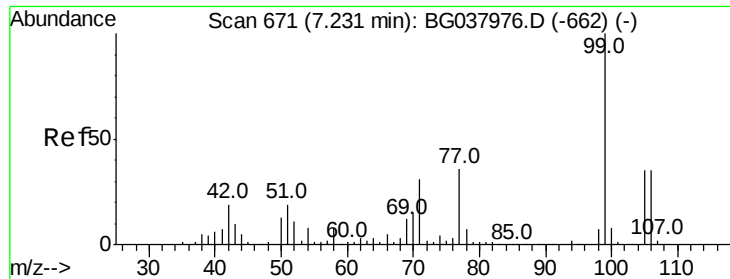
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#6
Aniline
Concen: 17.503 ng
RT: 7.40 min Scan# 700
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion:	93	Resp:	45990
Ion Ratio	Lower	Upper	
93	100		
66	42.2	32.8	49.2
65	21.8	16.4	24.6





#7

Phenol-d6

Concen: 96.259 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

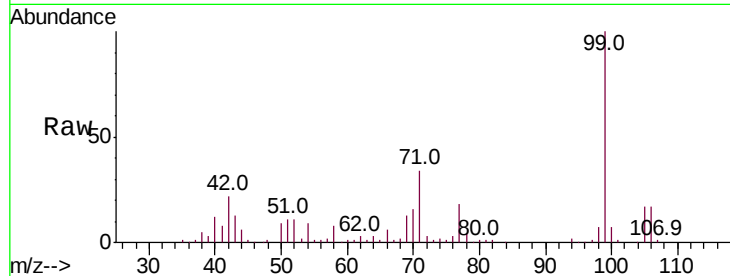
ClientSampleId :

PB115183BSD

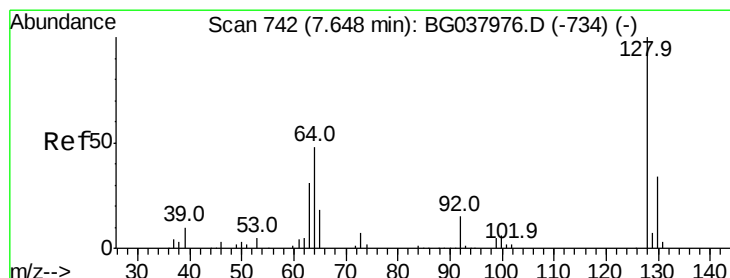
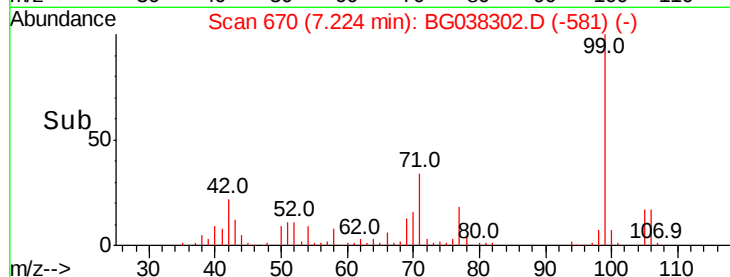
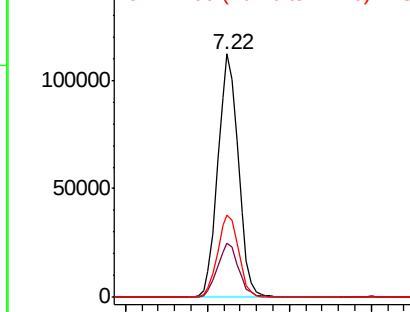
Tot Ion:	99	Resp:	195964
Ion Ratio	Lower	Upper	
99	100		
42	22.2	15.0	22.4
71	34.1	25.5	38.3

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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: 45.667 ng

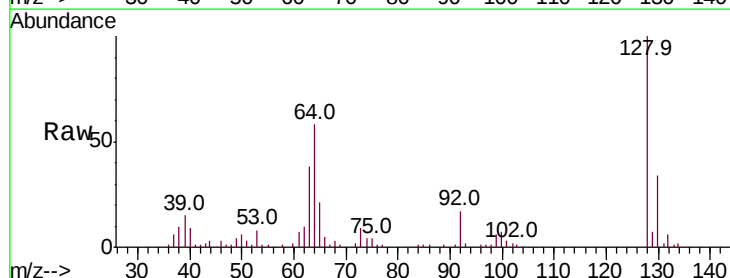
RT: 7.64 min Scan# 740

Delta R.T. -0.01 min

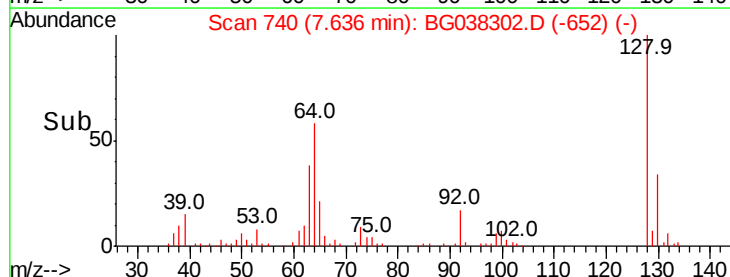
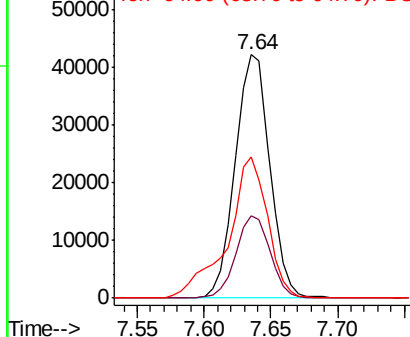
Lab File: BG038302.D

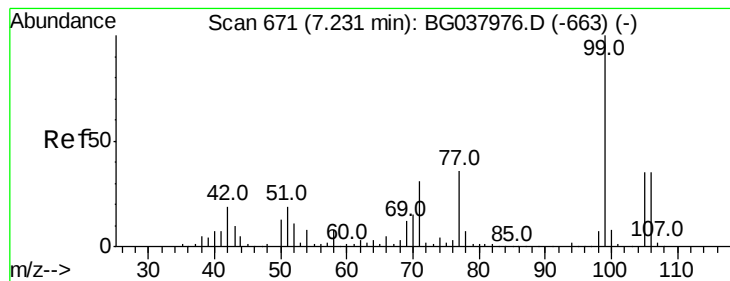
Acq: 2 Dec 2018 00:45

Tgt Ion:	128	Resp:	75572
Ion Ratio	Lower	Upper	
128	100		
130	33.6	12.0	52.0
64	58.0	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: 30.145 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

Tot Ion: 77 Resp: 44381

Ion Ratio Lower Upper

77 100

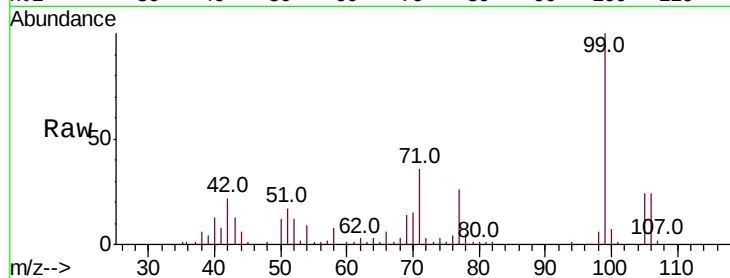
105 90.5 72.6 112.6

106 91.7 71.3 111.3

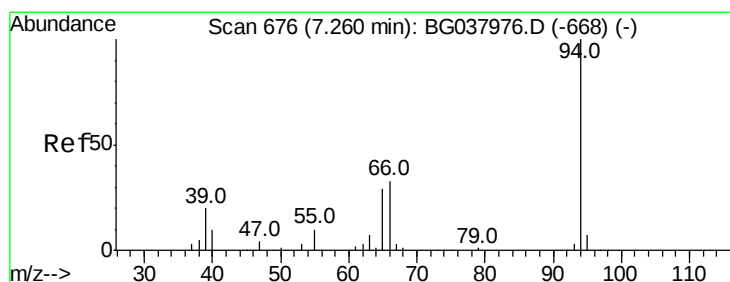
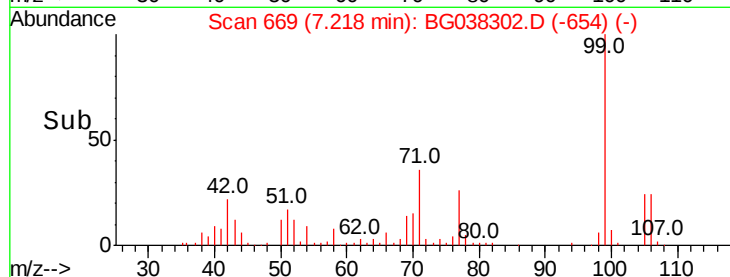
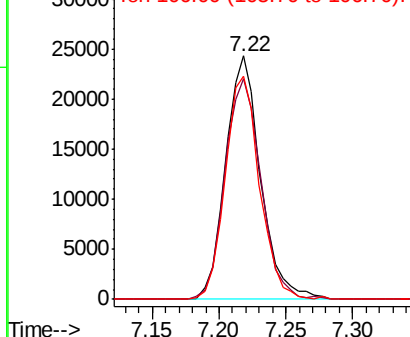
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.511 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

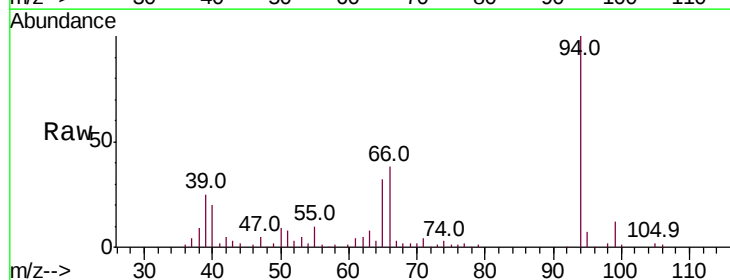
Tgt Ion: 94 Resp: 100294

Ion Ratio Lower Upper

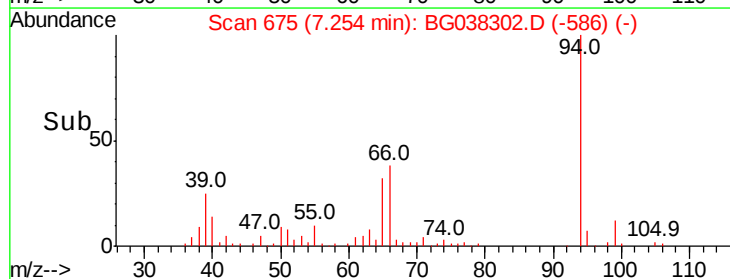
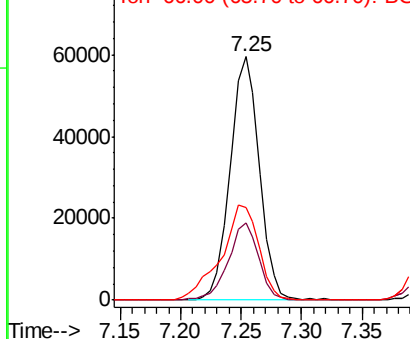
94 100

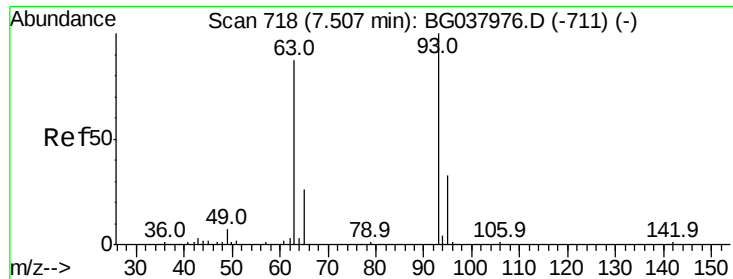
65 31.9 9.7 49.7

66 38.2 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





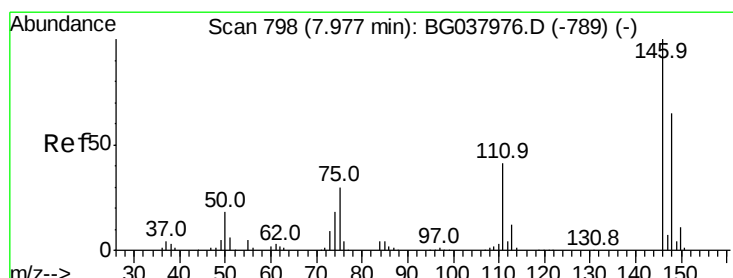
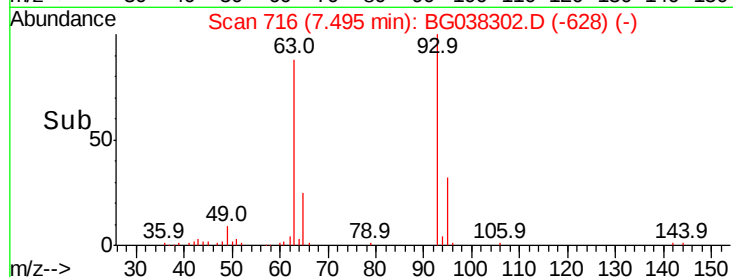
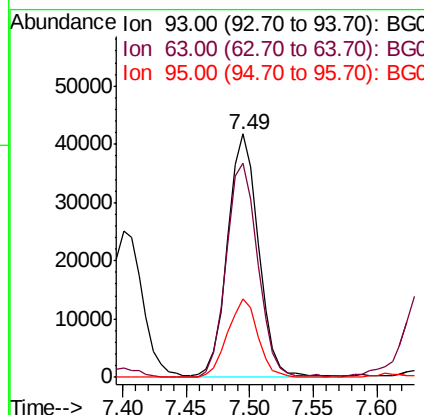
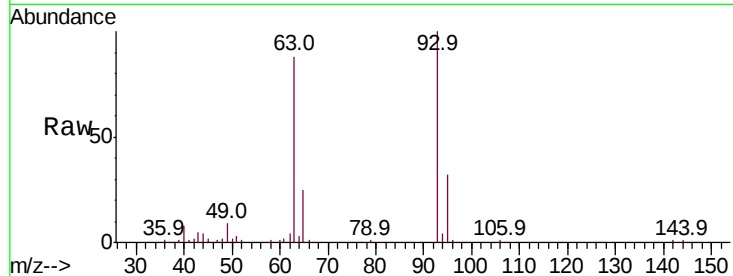
#11
bis(2-Chloroethyl)ether
Concen: 39.517 ng
RT: 7.49 min Scan# 716
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.1	69.5	109.5
95	32.4	12.6	52.6

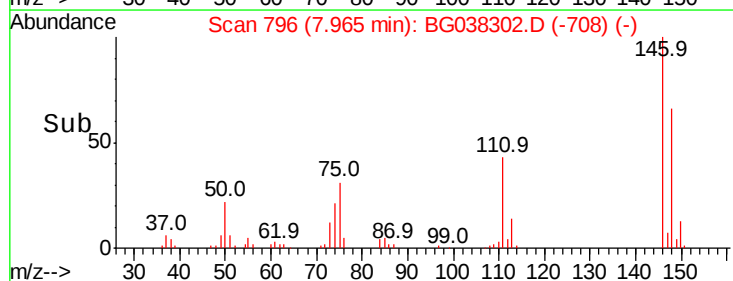
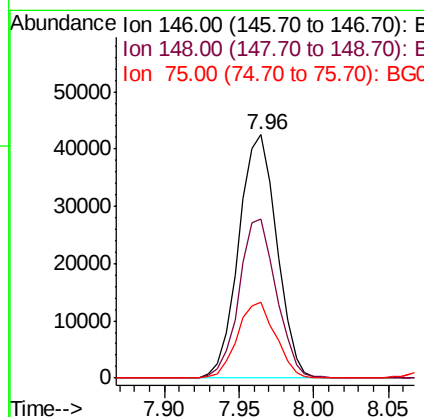
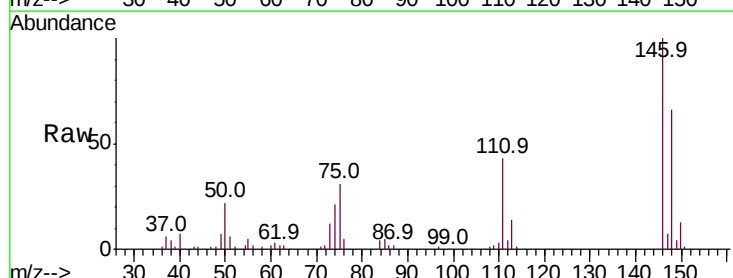
Manual Integrations
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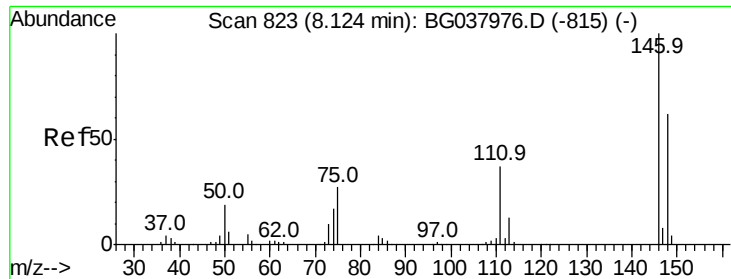
mohammad
12/3/2018 5:13:30 PM



#12
1,3-Dichlorobenzene
Concen: 39.424 ng
RT: 7.96 min Scan# 796
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	49.8	74.8
75	31.4	23.2	34.8





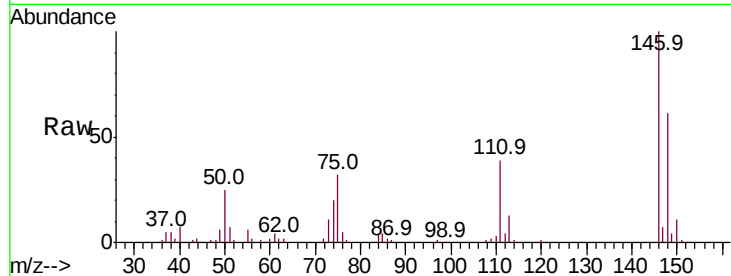
#13
1,4-Dichlorobenzene
Concen: 39.759 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.3	51.0	76.6
111	38.7	32.4	48.6

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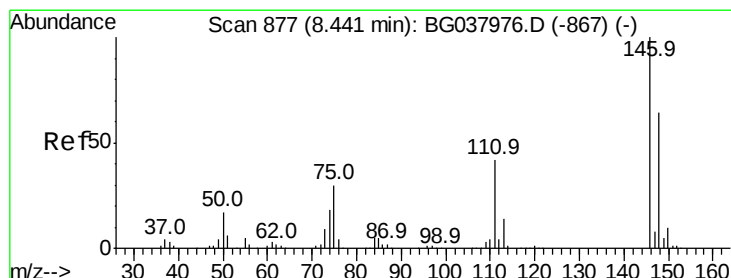
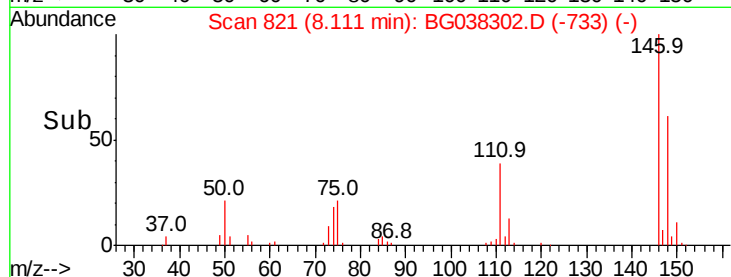
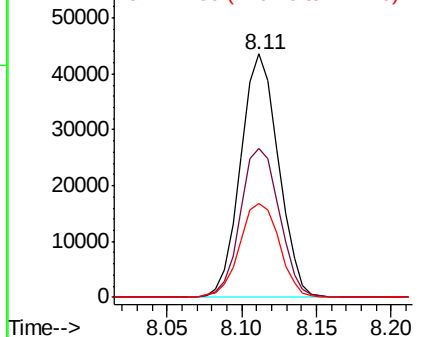


Abundance

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: 39.962 ng
RT: 8.43 min Scan# 875
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

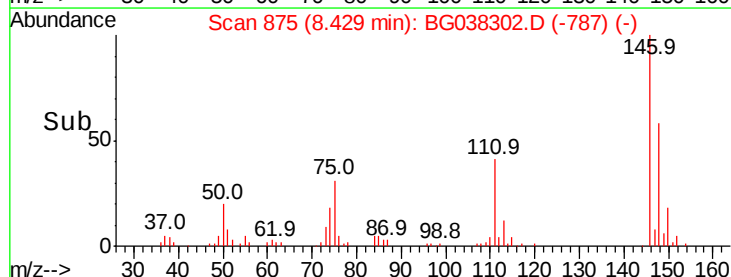
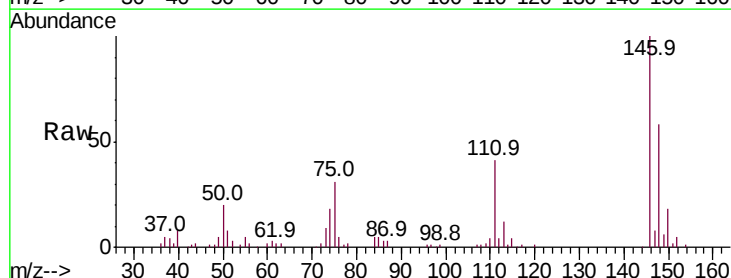
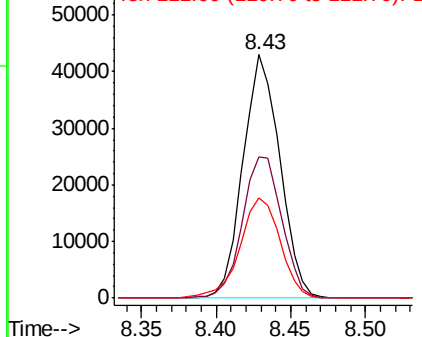
Tgt Ion	Ratio	Lower	Upper
146	100		
148	57.9	50.4	75.6
111	41.2	34.6	51.8

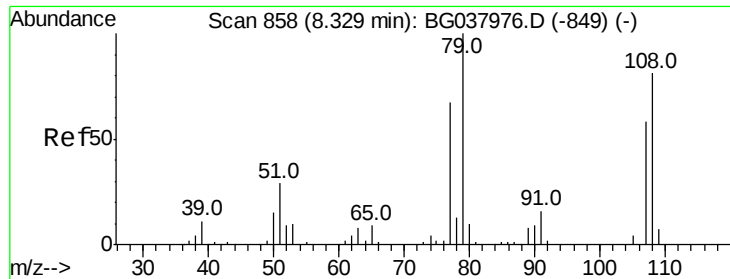
Abundance

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





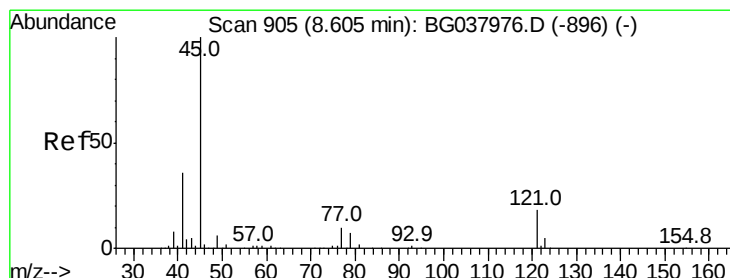
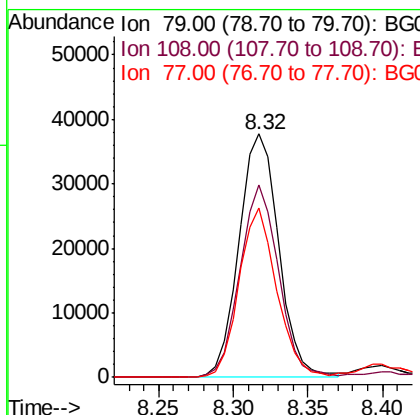
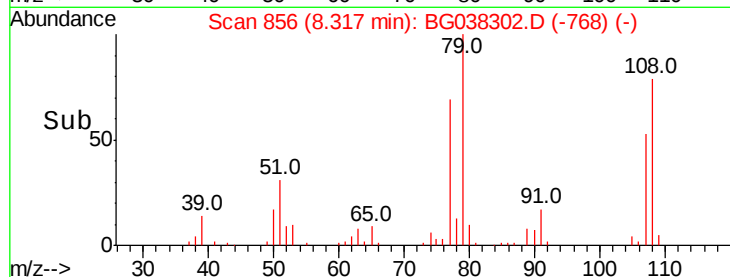
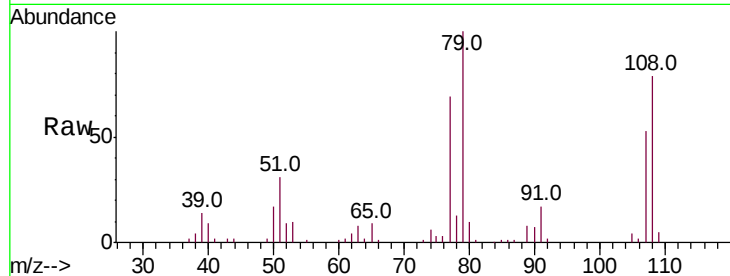
#15
Benzyl Alcohol
Concen: 47.297 ng
RT: 8.32 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.2	65.8	98.8
77	69.4	52.9	79.3

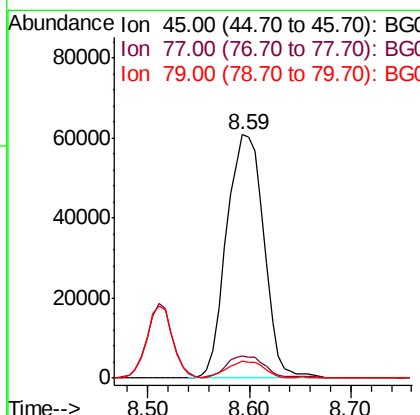
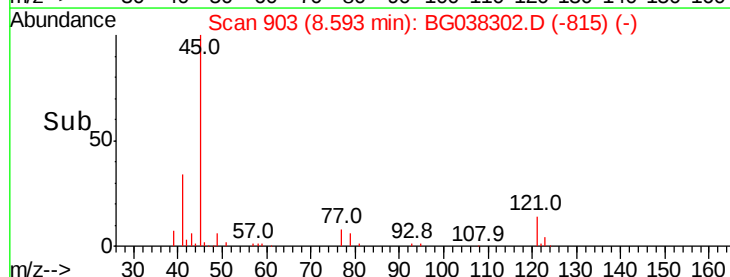
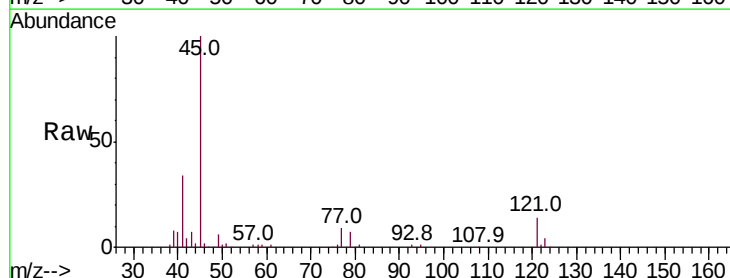
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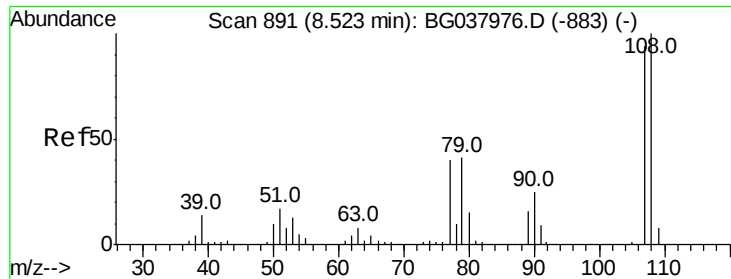
mohammad
12/3/2018 5:13:30 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.367 ng
RT: 8.59 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.2	0.0	30.0
79	7.0	0.0	29.0





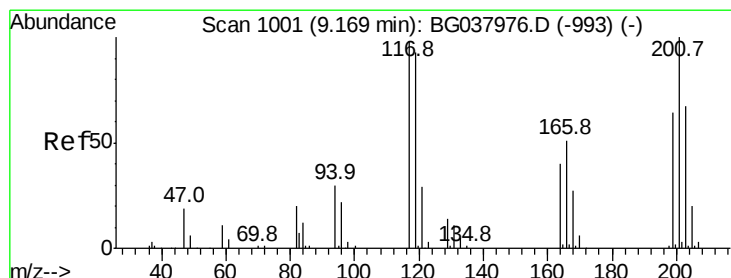
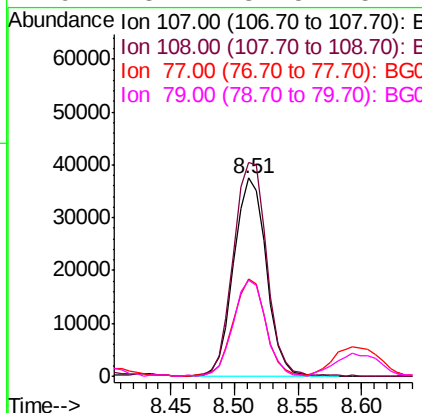
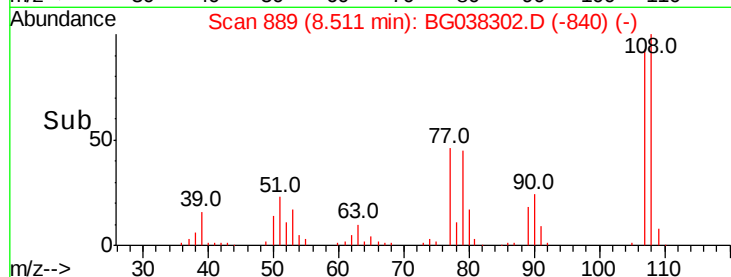
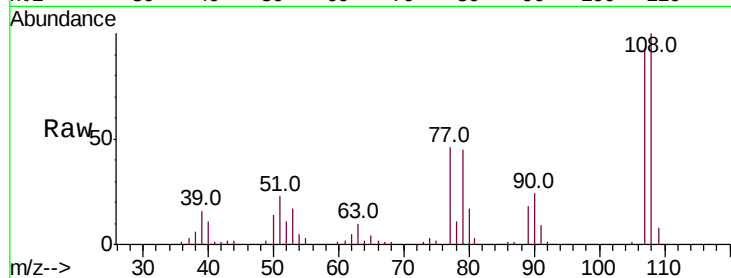
#17
2-Methylphenol
Concen: 45.900 ng
RT: 8.51 min Scan# 889
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.7	87.9	131.9
77	49.4	35.1	52.7
79	48.2	34.5	51.7

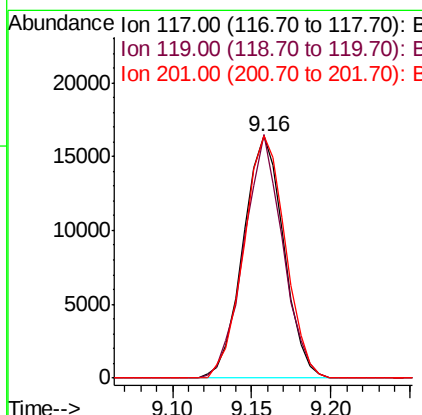
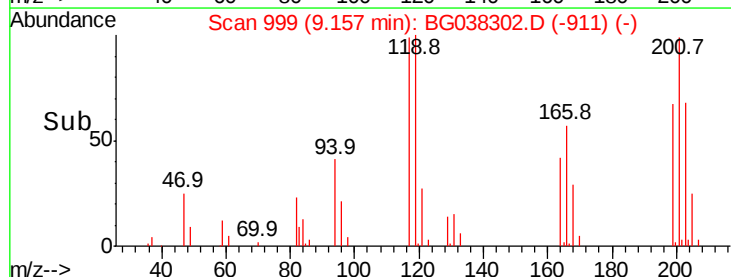
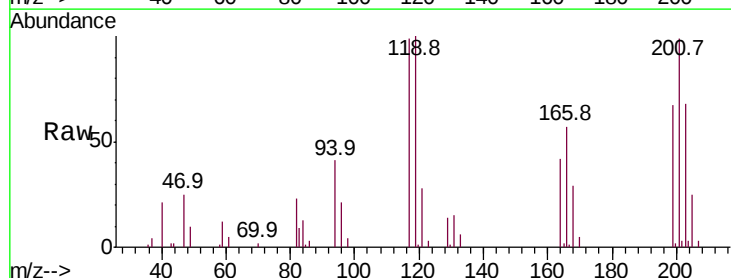
Manual Integrations
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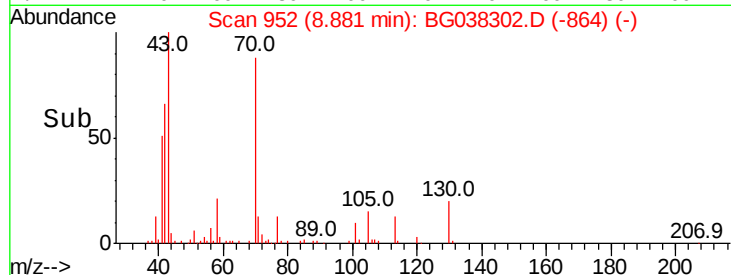
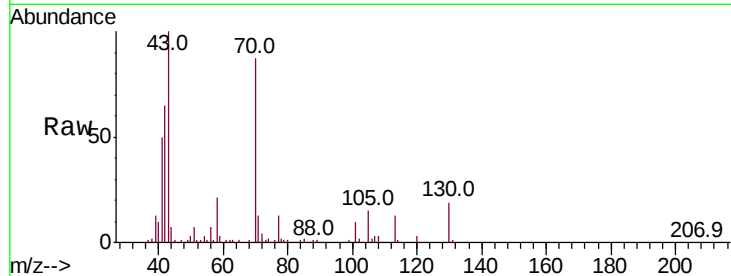
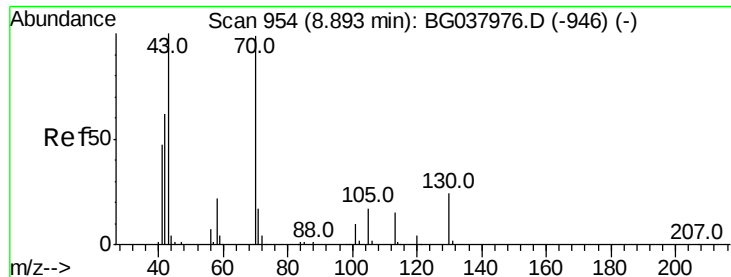
mohammad
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#18
Hexachloroethane
Concen: 41.474 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.7	74.6	111.8
201	102.8	80.8	121.2





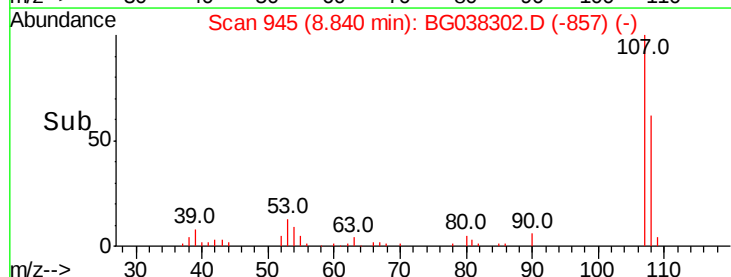
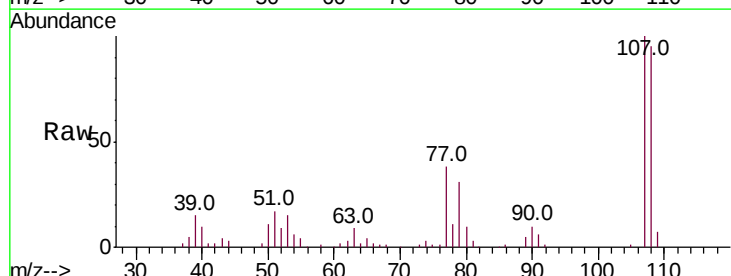
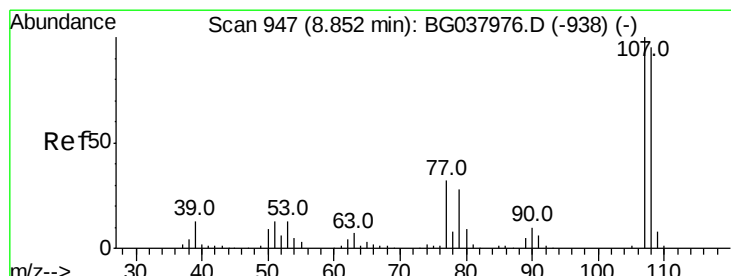
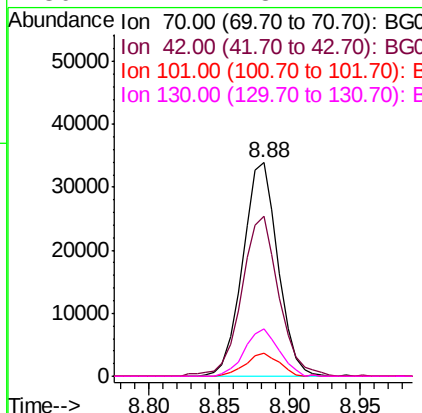
#19
n-Nitroso-di-n-propylamine
Concen: 40.095 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	75.0	53.9	80.9	
101	11.0	8.2	12.2	
130	22.1	18.2	27.4	

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

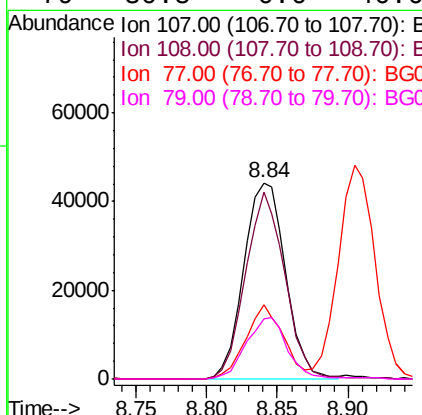
Manual Integrations
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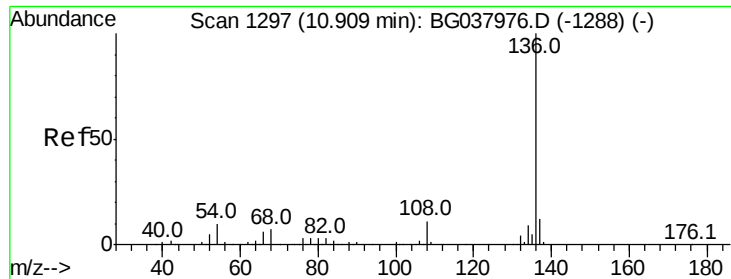
mohammad
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#20
3+4-Methylphenols
Concen: 44.328 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.1	69.9	109.9	
77	38.0	11.2	51.2	
79	30.8	6.6	46.6	





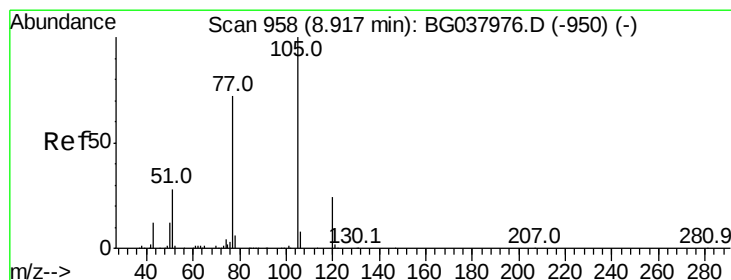
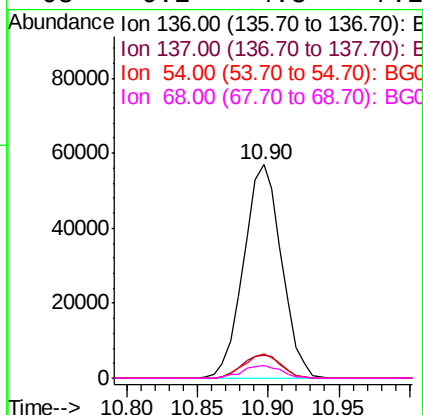
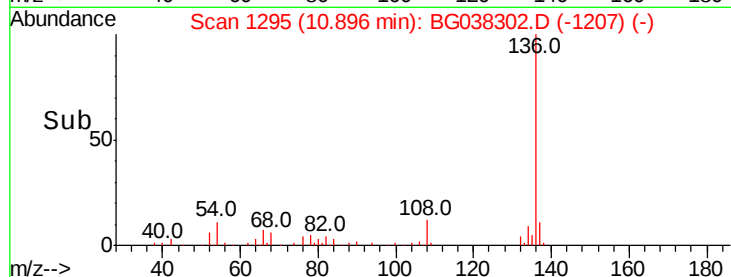
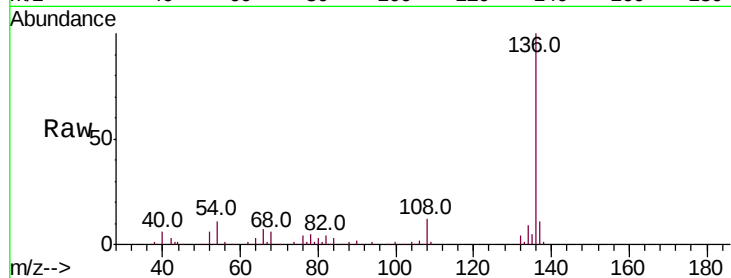
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.6	14.4	
54	11.1	7.9	11.9	
68	6.2	4.8	7.2	

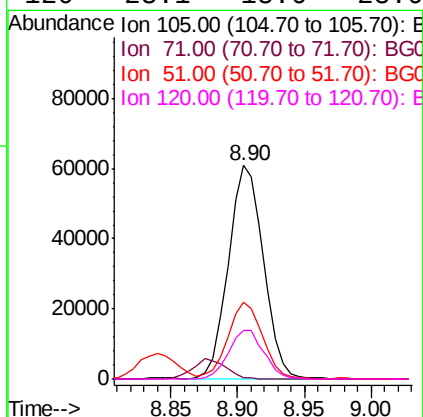
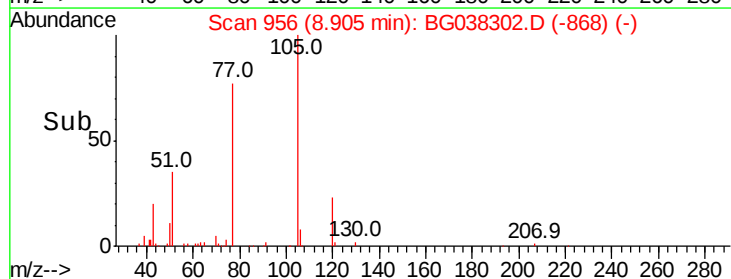
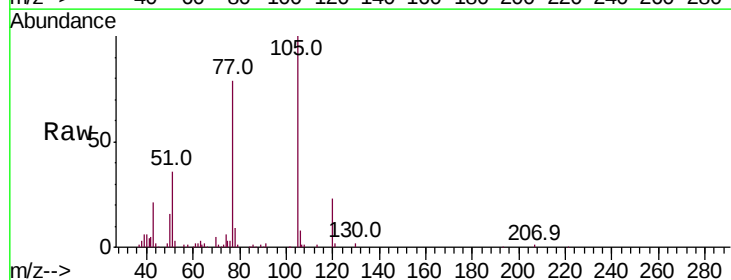
Manual Integrations
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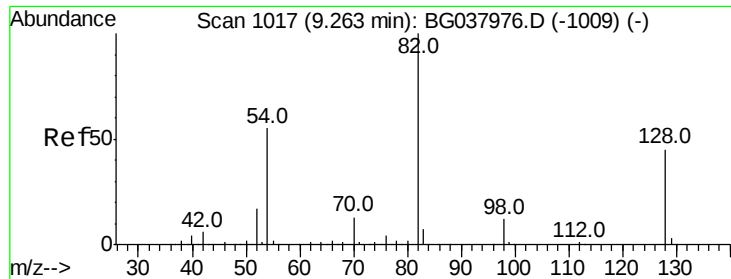
mohammad
12/3/2018 5:13:30 PM



#22
Acetophenone
Concen: 41.983 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.8	1.2	1.8#	
51	35.9	25.0	37.6	
120	23.1	18.6	28.0	





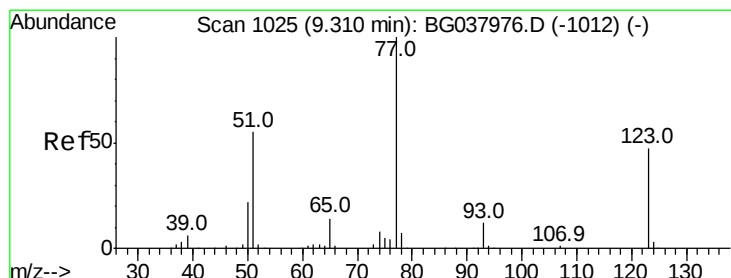
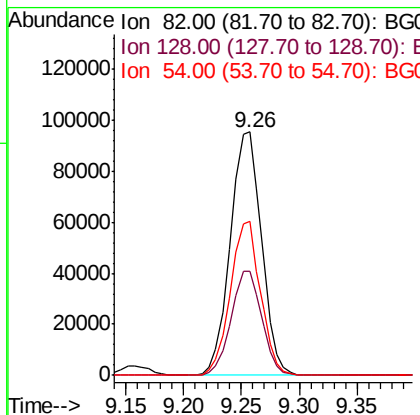
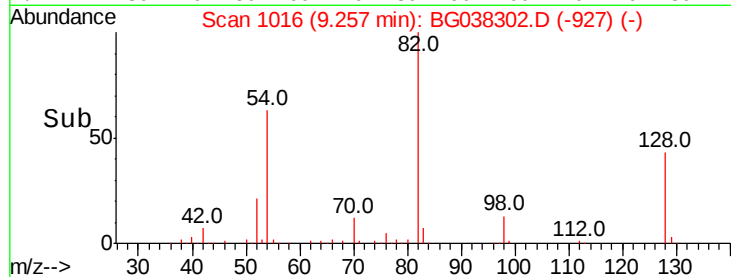
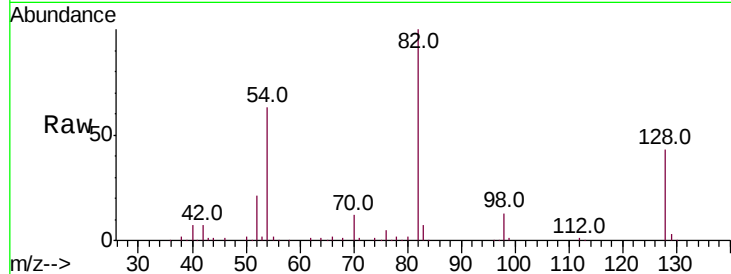
#23
Nitrobenzene-d5
Concen: 89.977 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	51.8
54	63.2	45.3	67.9

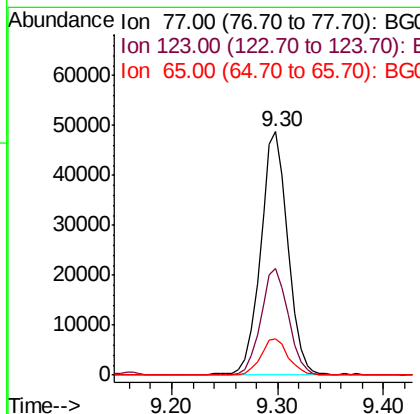
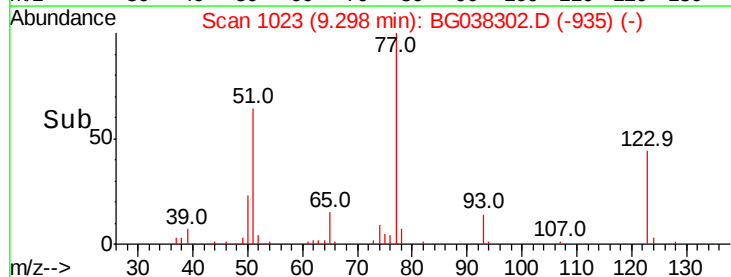
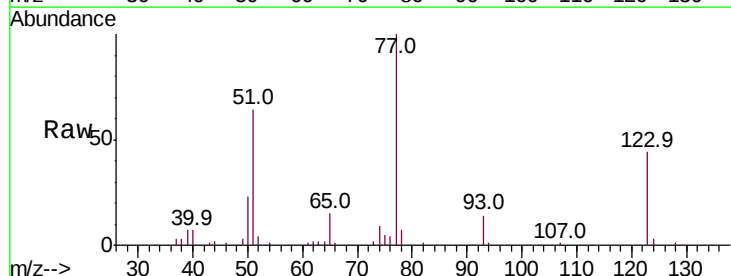
Manual Integrations
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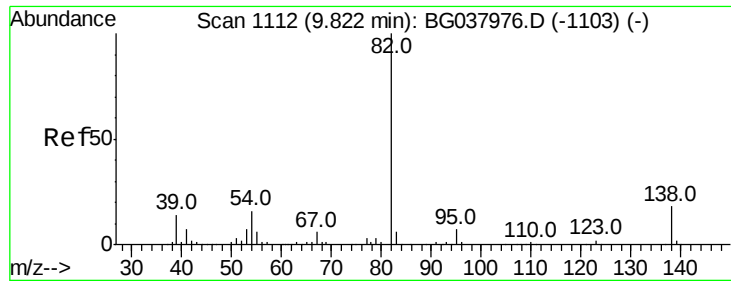
mohammad
12/3/2018 5:13:30 PM



#24
Nitrobenzene
Concen: 42.845 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	33.6	50.4
65	15.0	11.3	16.9





#25

Isophorone

Concen: 46.634 ng

RT: 9.81 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

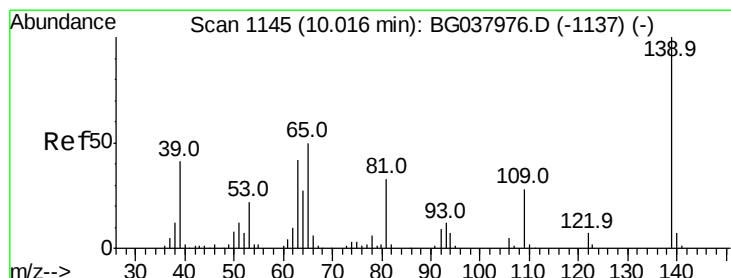
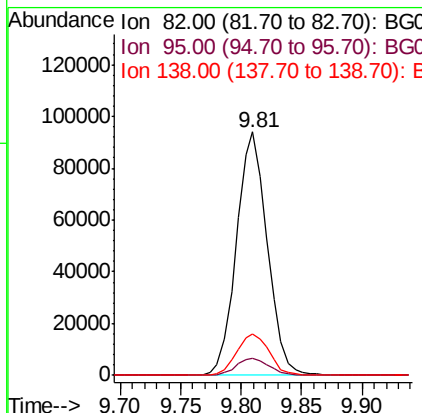
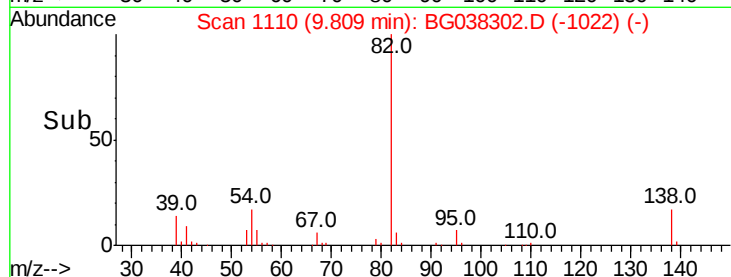
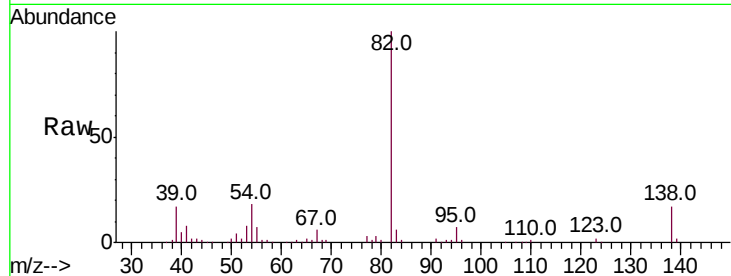
ClientSampleId :

PB115183BSD

Tot Ion:	82	Resp:	167251
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.3	7.9
138	16.9	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.263 ng

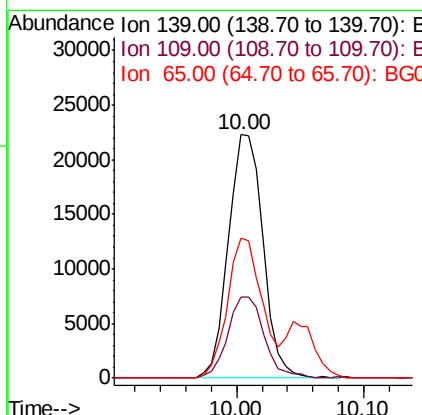
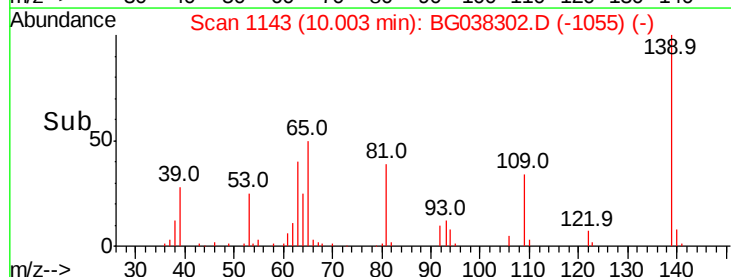
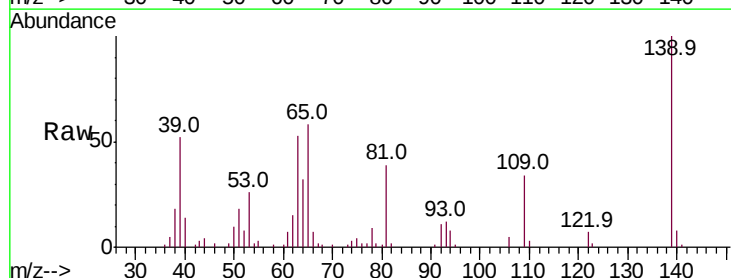
RT: 10.00 min Scan# 1143

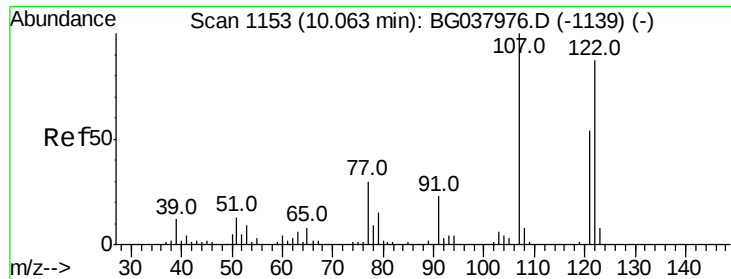
Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Tgt Ion:	139	Resp:	41989
Ion Ratio	Lower	Upper	
139	100		
109	33.5	23.3	34.9
65	57.7	39.8	59.8





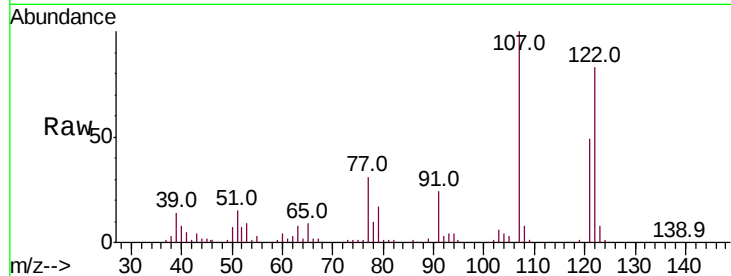
#27
2,4-Dimethylphenol
Concen: 51.431 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.8	94.2	141.2
121	58.9	47.3	70.9

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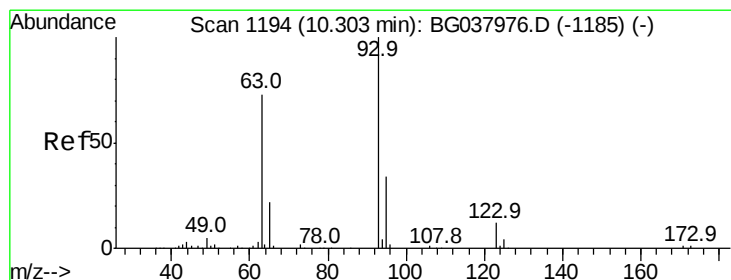
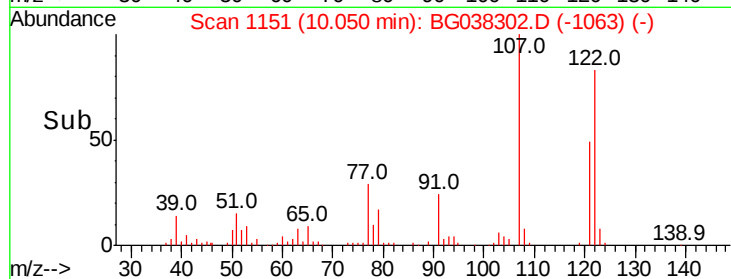
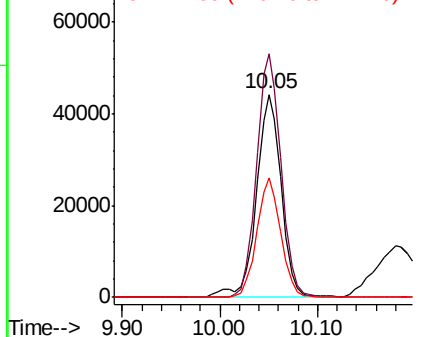


Abundance

Ion 122.00 (121.70 to 122.70): E

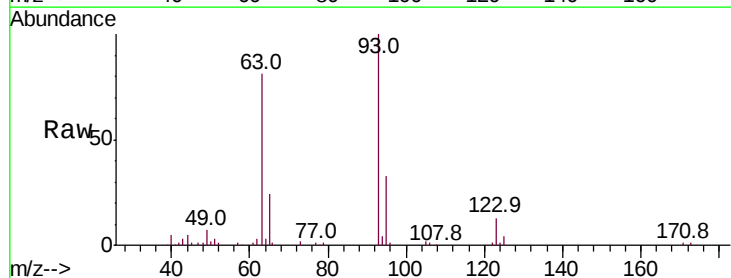
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.968 ng
RT: 10.29 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	24.6	37.0
123	12.6	9.1	13.7

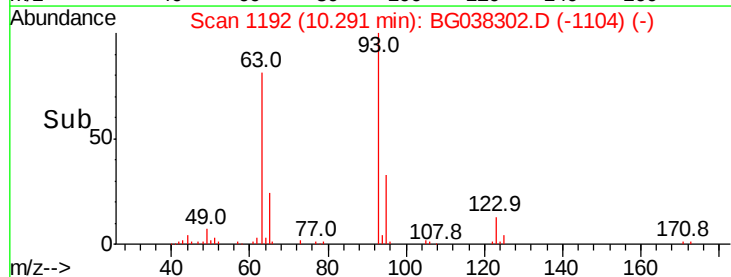
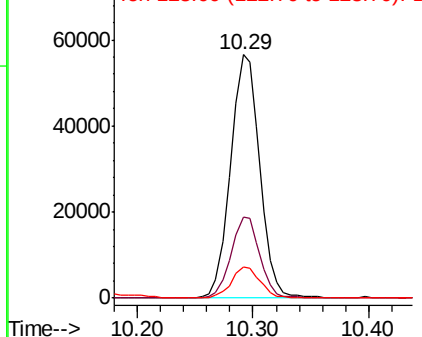


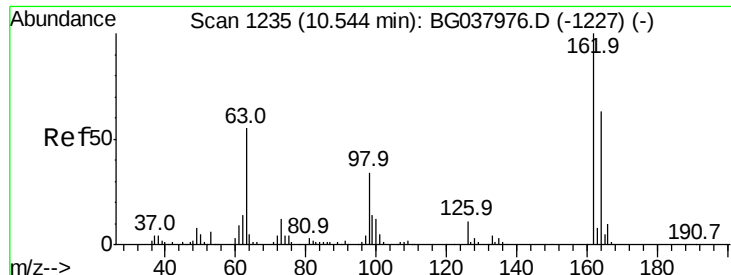
Abundance

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





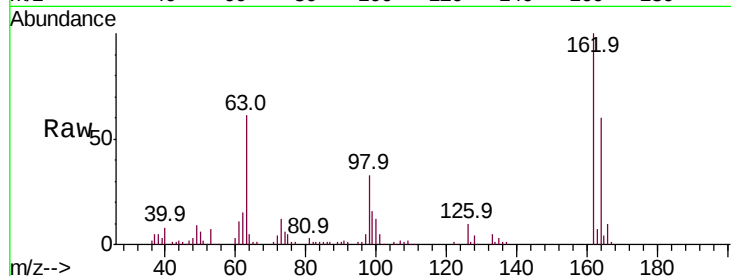
#29
 2,4-Dichlorophenol
 Concen: 46.086 ng
 RT: 10.54 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.3	43.2	83.2
98	33.5	16.0	56.0

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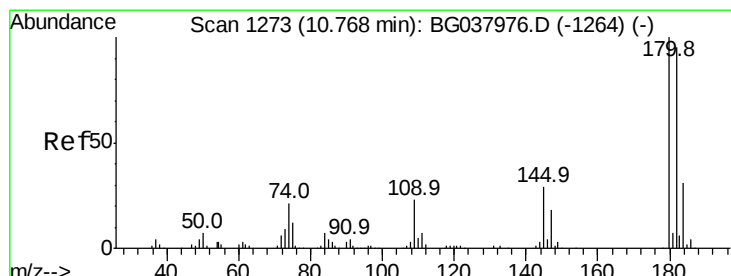
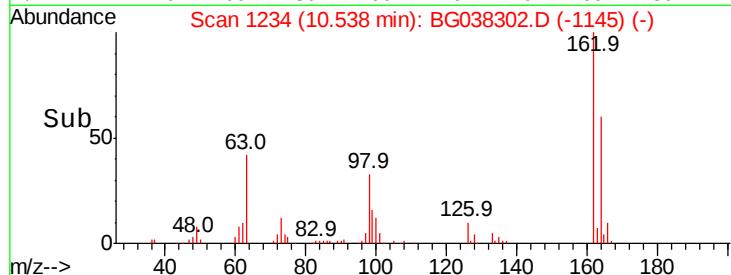
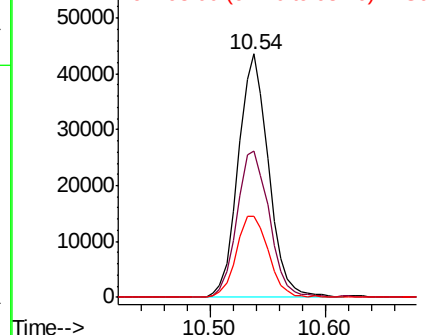


Abundance

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): B



#30
 1,2,4-Trichlorobenzene
 Concen: 40.459 ng
 RT: 10.76 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

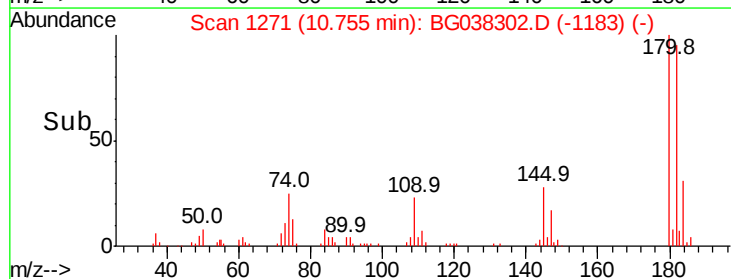
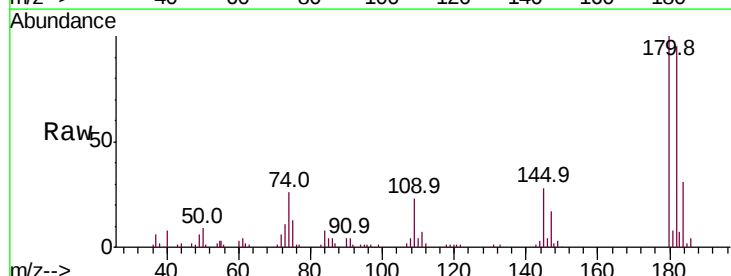
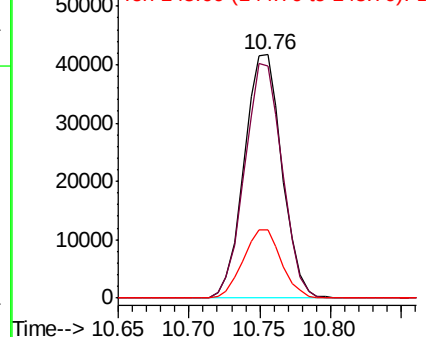
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.7	116.5
145	27.8	23.3	34.9

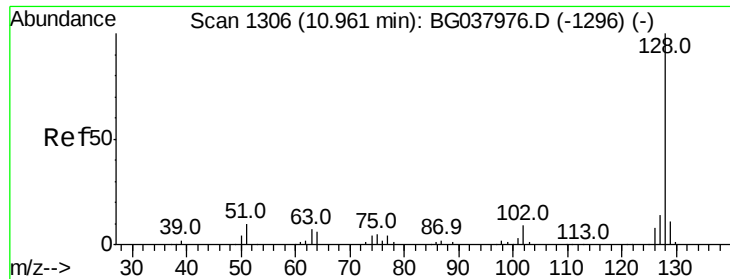
Abundance

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





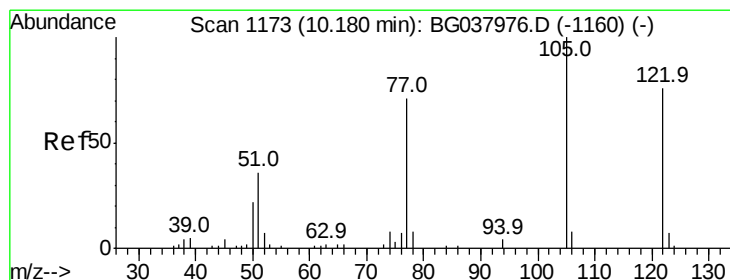
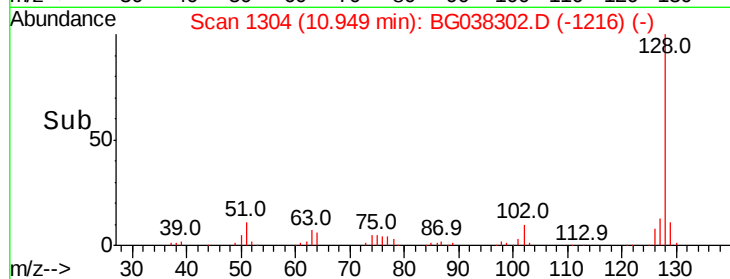
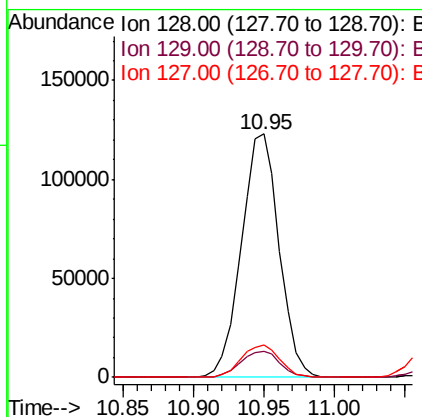
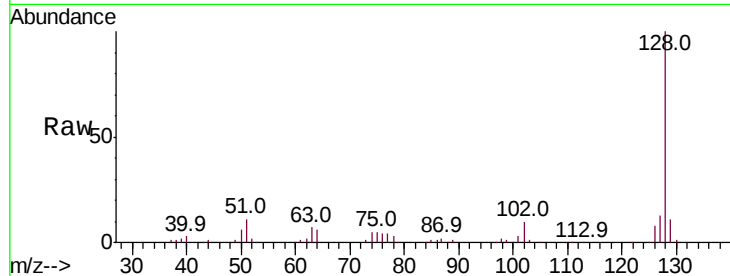
#31
Naphthalene
Concen: 43.718 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.4	11.1	16.7

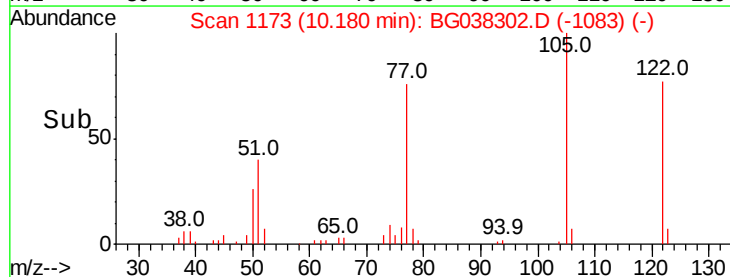
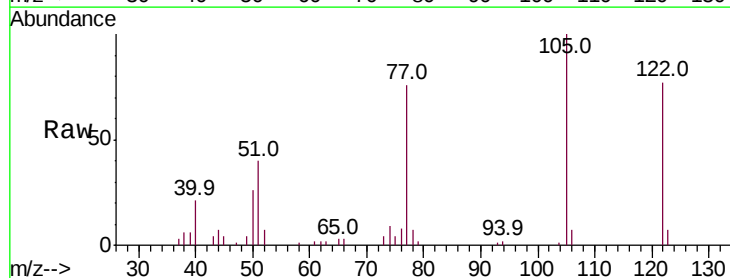
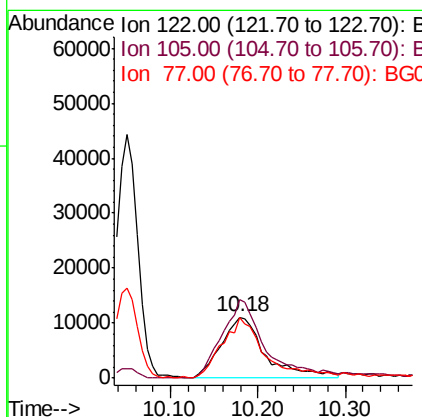
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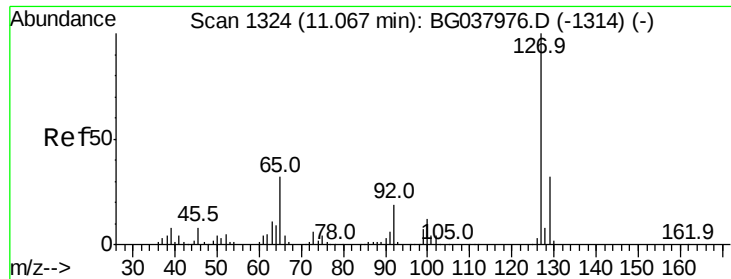
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#32
Benzoic acid
Concen: 41.371 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.3	106.7	146.7
77	98.9	72.2	112.2





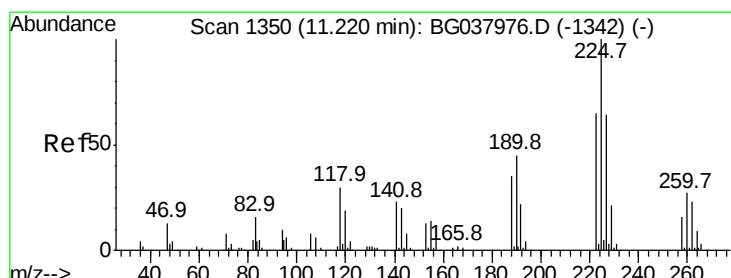
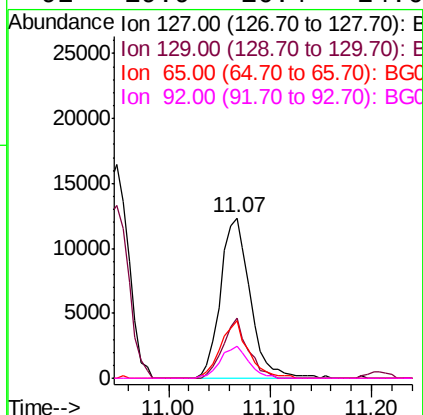
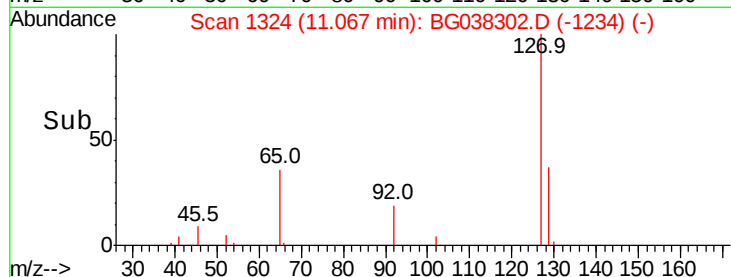
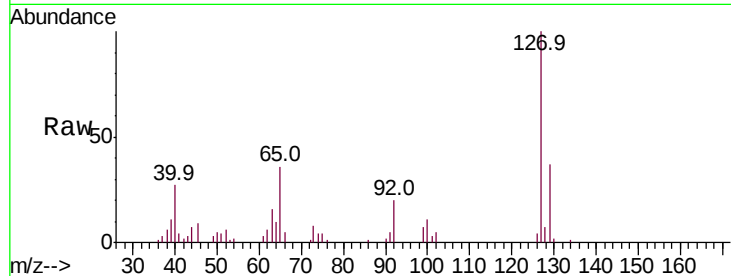
#33
4-Chloroaniline
Concen: 10.275 ng
RT: 11.07 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	37.4	27.1	40.7
65	36.2	26.6	39.8
92	19.9	16.4	24.6

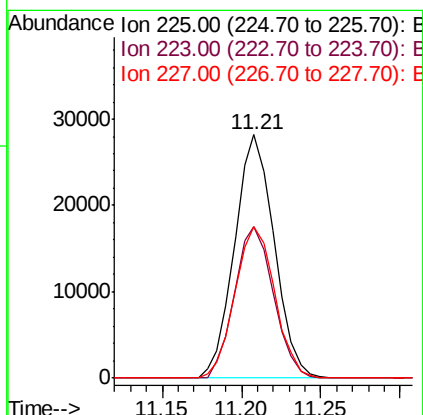
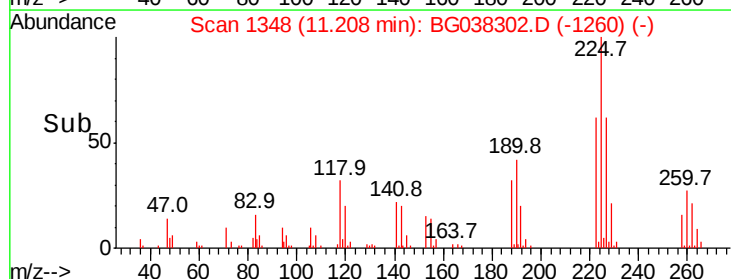
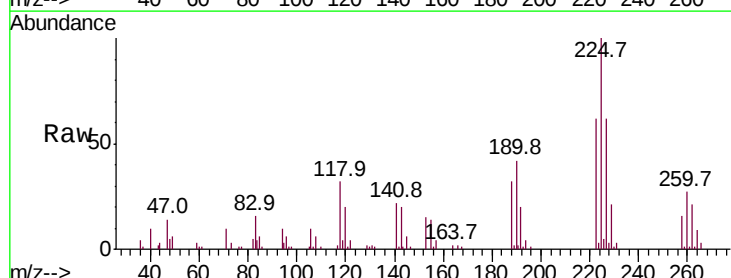
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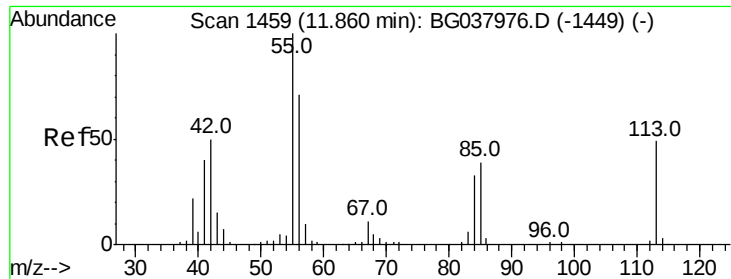
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#34
Hexachlorobutadiene
Concen: 41.119 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.4	48.2	72.4
227	62.5	51.6	77.4





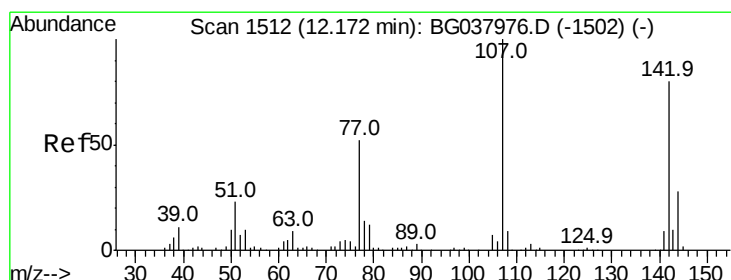
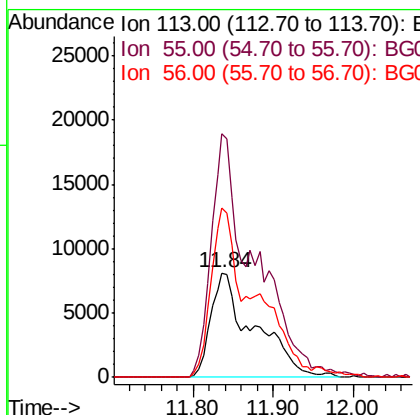
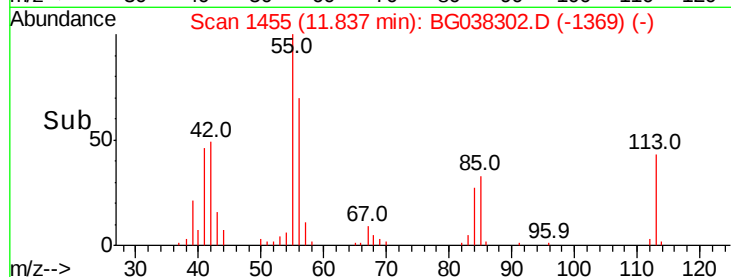
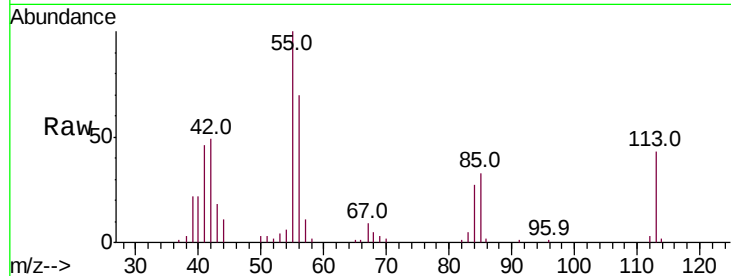
#35
 Caprolactam
 Concen: 44.151 ng/ml
 RT: 11.84 min Scan# 1455
 Delta R.T. -0.02 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Instrument :
 BNA_G
 ClientSampleID :
 PB115183BSD

Tot Ion:113 Resp: 30476
 Ion Ratio Lower Upper
 113 100
 55 233.6 176.6 216.6#
 56 162.6 128.3 168.3

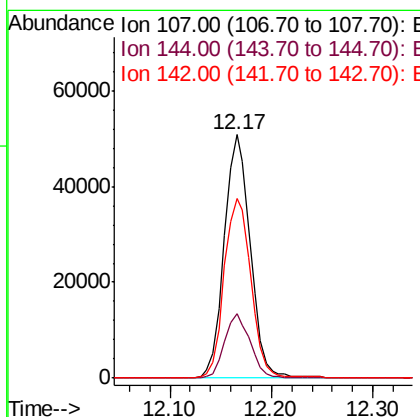
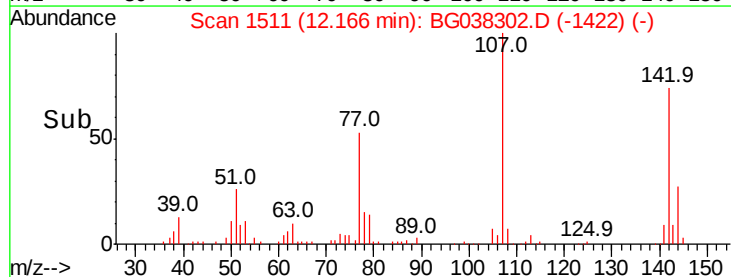
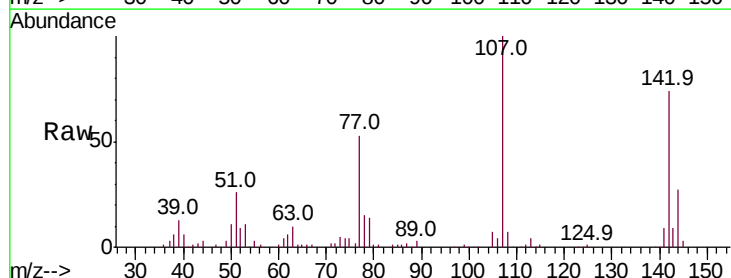
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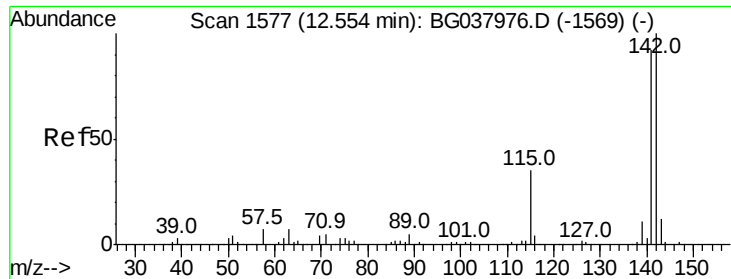
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#36
 4-Chloro-3-methylphenol
 Concen: 48.041 ng/ml
 RT: 12.17 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Tgt Ion:107 Resp: 90511
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.7 31.1
 142 73.9 64.4 96.6





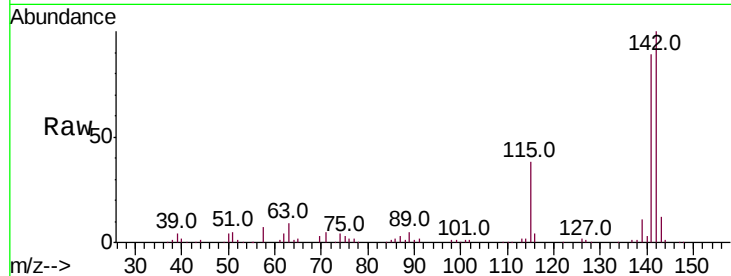
#37
2-Methylnaphthalene
Concen: 45.754 ng
RT: 12.54 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.9	107.9
115	38.4	27.8	41.8

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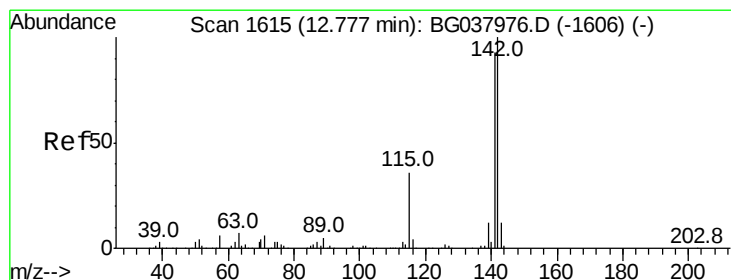
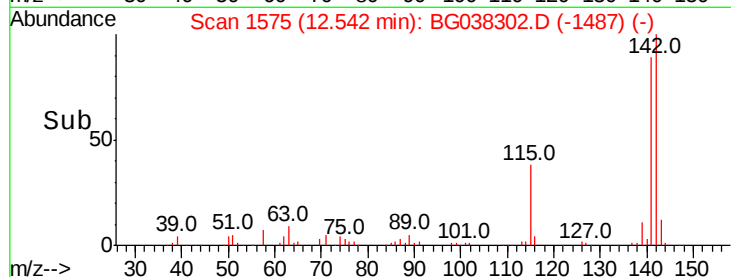
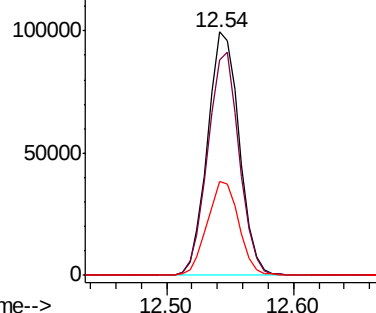


Abundance

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: 46.140 ng
RT: 12.76 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

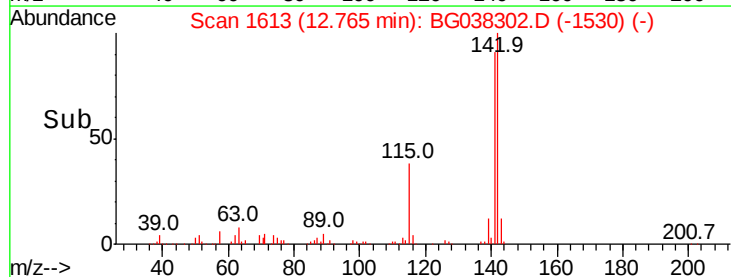
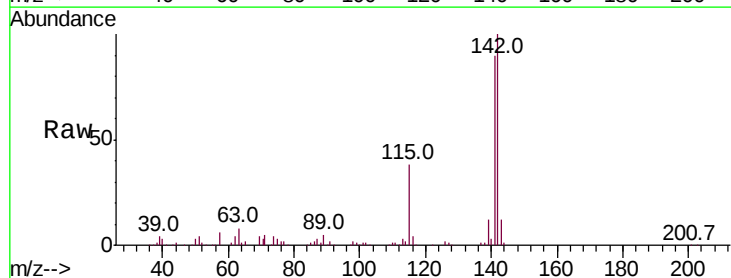
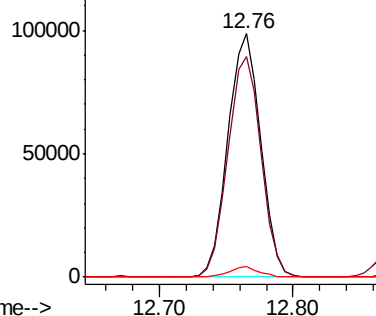
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	75.2	112.8
116	4.4	3.3	4.9

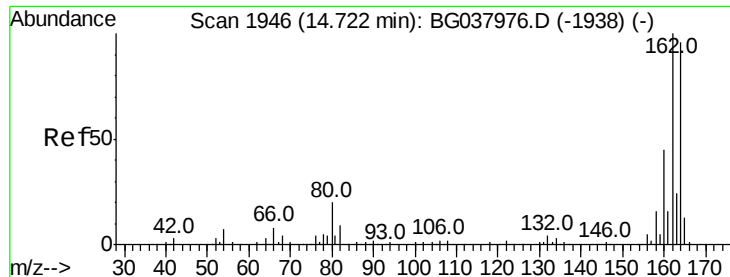
Abundance

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: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

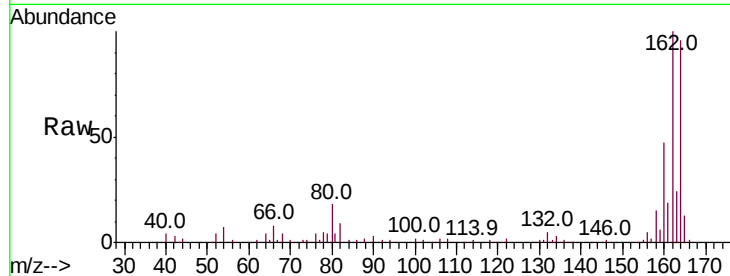
ClientSampleId :

PB115183BSD

Tot Ion:	164	Resp:	70242
Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.3	121.9
160	48.7	36.3	54.5

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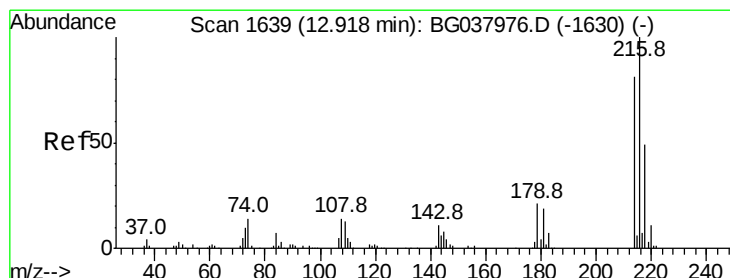
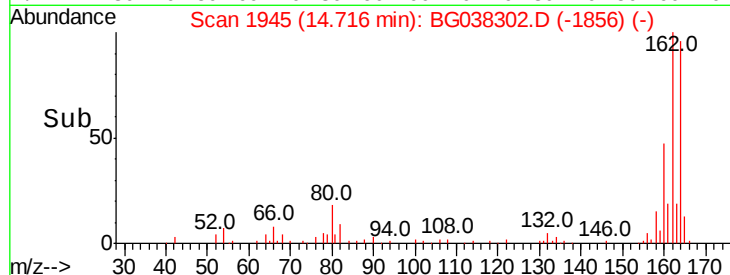
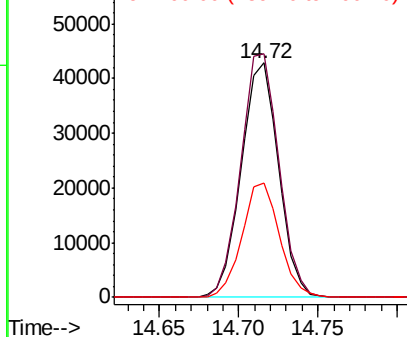


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.253 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Tgt Ion:	216	Resp:	89786
Ion	Ratio	Lower	Upper
216	100		
214	81.6	63.8	95.6
179	21.5	17.4	26.0
108	20.6	13.9	20.9

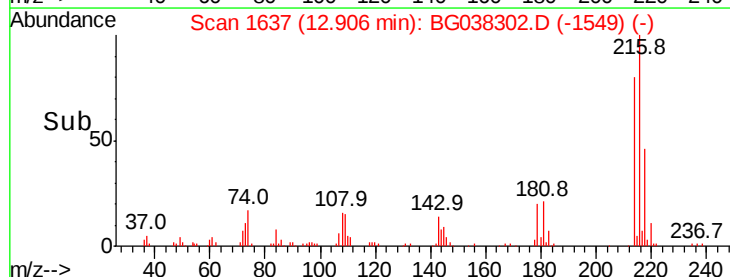
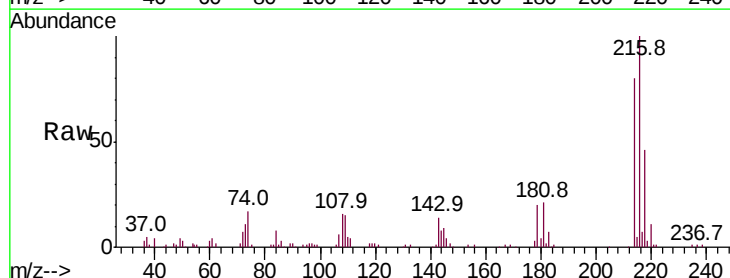
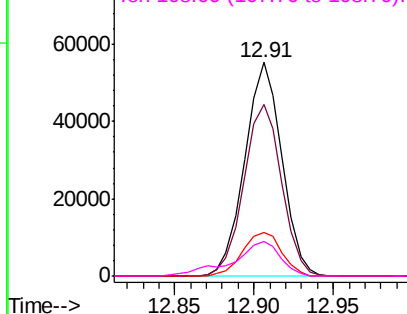
Abundance

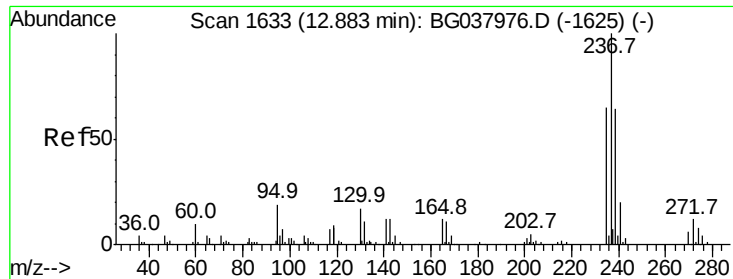
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 94.778 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

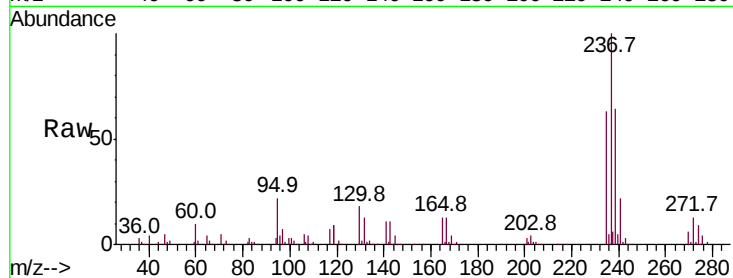
ClientSampleId :

PB115183BSD

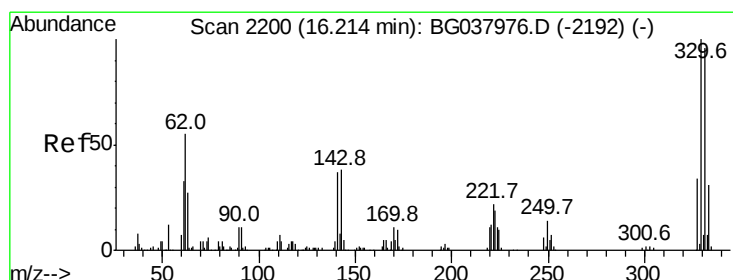
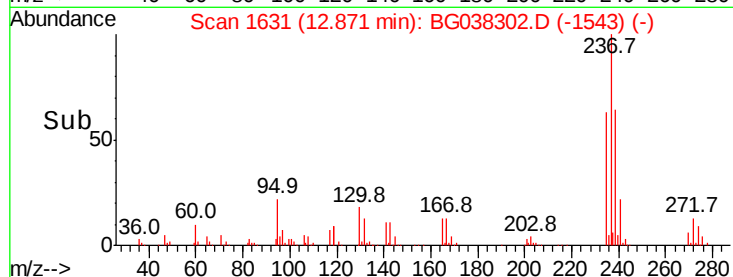
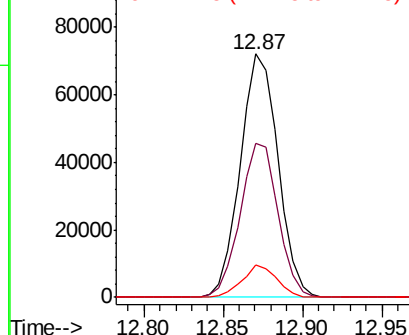
Tot Ion:	237	Resp:	119122
Ion Ratio	Lower	Upper	
237	100		
235	63.2	42.5	82.5
272	13.1	0.0	31.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 102.496 ng

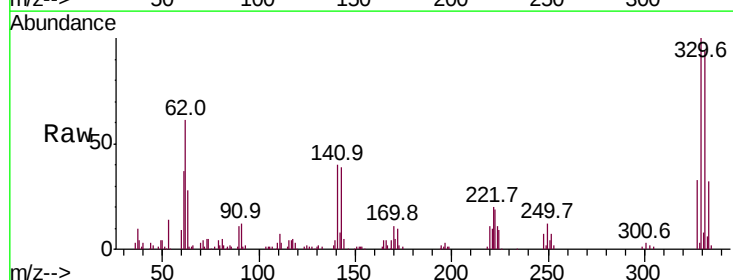
RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

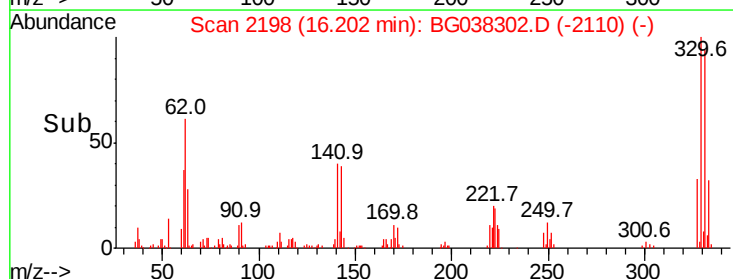
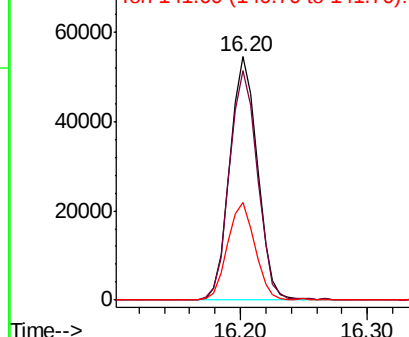
Lab File: BG038302.D

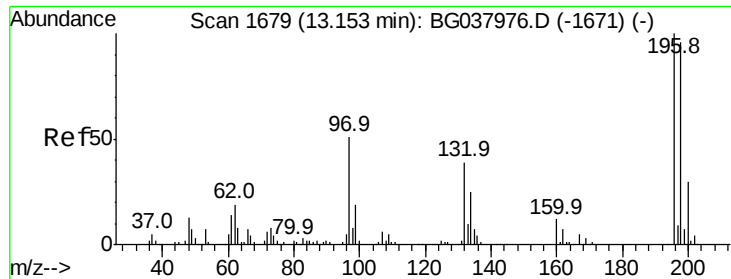
Acq: 2 Dec 2018 00:45

Tgt Ion:	330	Resp:	82109
Ion Ratio	Lower	Upper	
330	100		
332	95.3	78.4	117.6
141	39.7	32.2	48.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





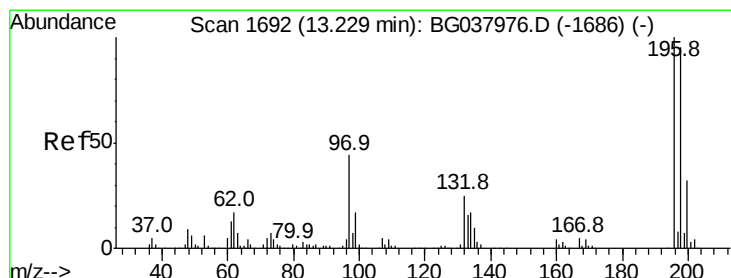
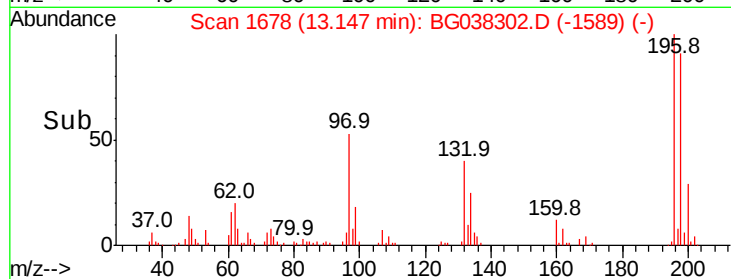
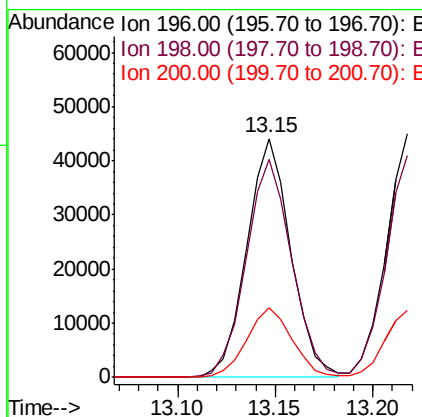
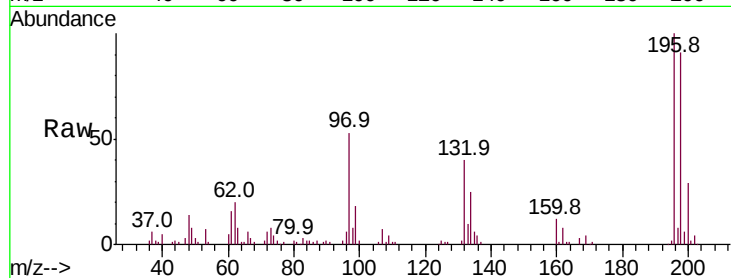
#43
 2,4,6-Trichlorophenol
 Concen: 42.788 ng
 RT: 13.15 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.2	76.4	114.6
200	29.3	24.9	37.3

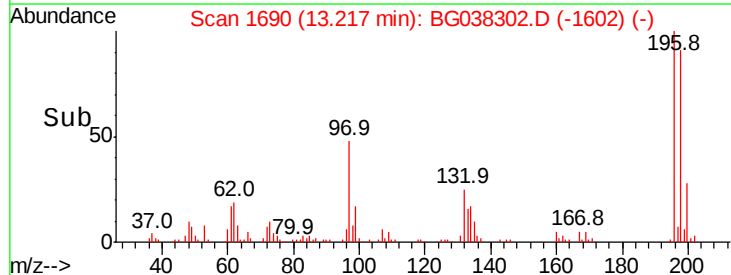
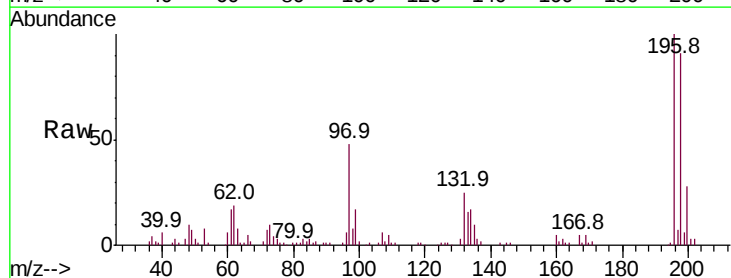
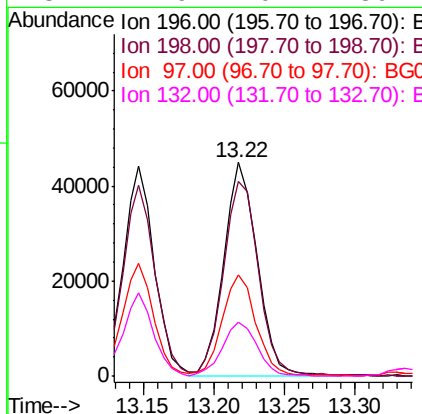
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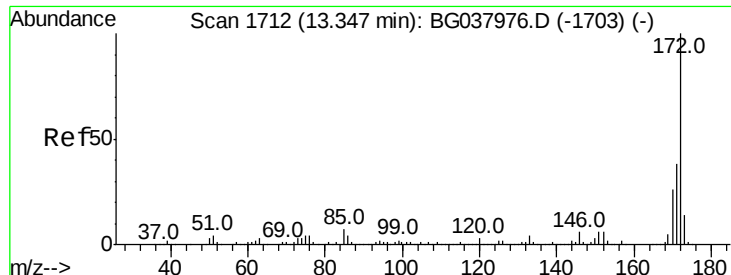
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#44
 2,4,5-Trichlorophenol
 Concen: 44.314 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.3	74.2	111.2
97	47.5	34.1	51.1
132	24.9	20.2	30.4





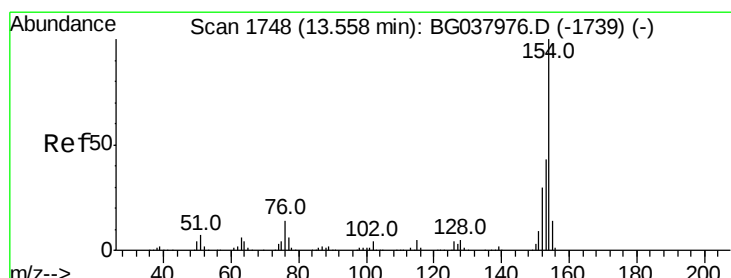
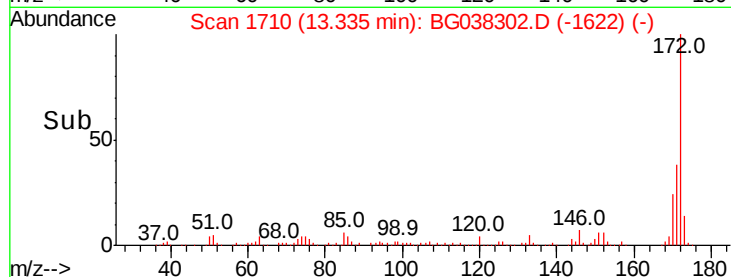
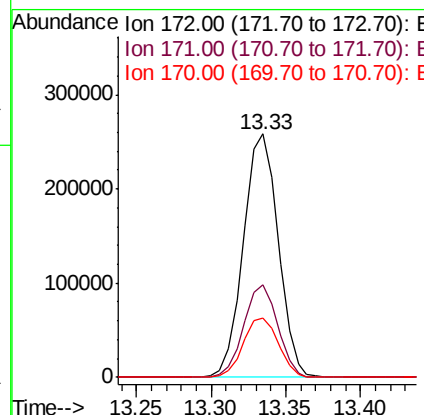
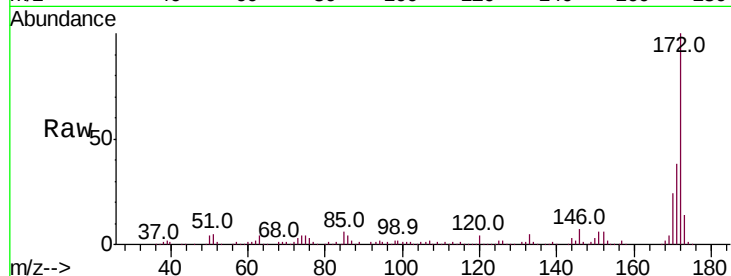
#45
 2-Fluorobiphenyl
 Concen: 86.576 ng
 RT: 13.33 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	24.4	20.2	30.2

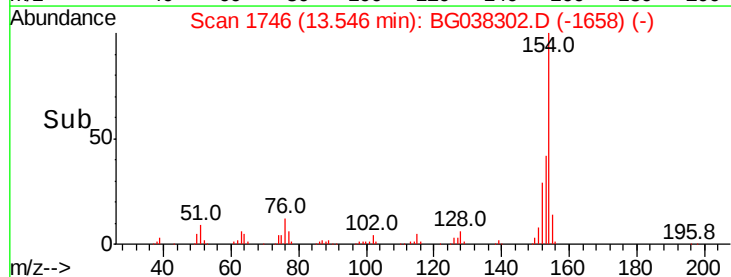
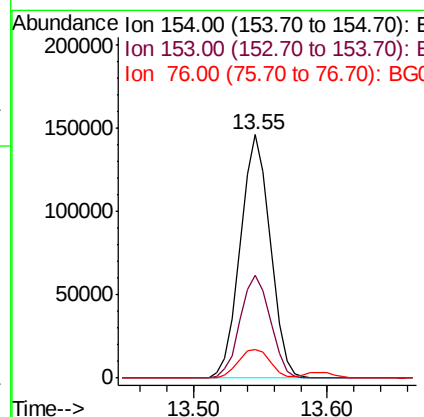
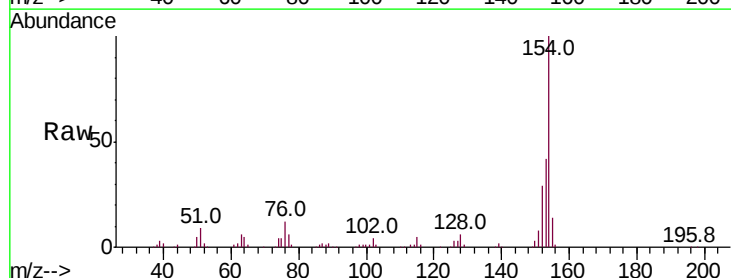
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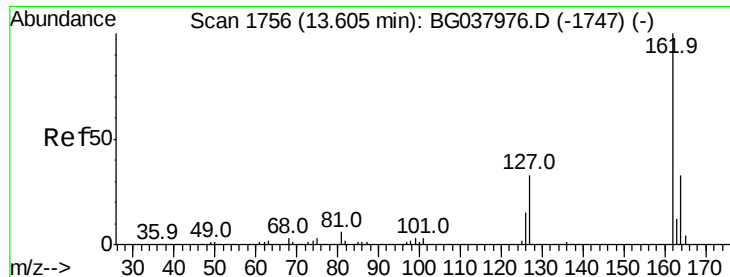
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#46
 1,1'-Biphenyl
 Concen: 38.410 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.1	62.1
76	11.7	0.0	33.2





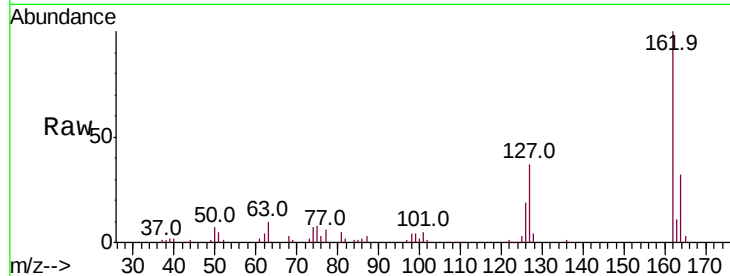
#47
 2-Chloronaphthalene
 Concen: 40.519 ng
 RT: 13.59 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

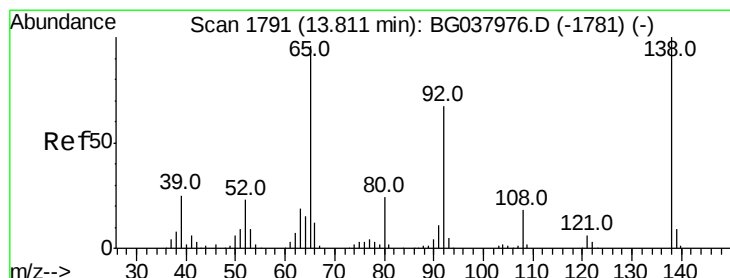
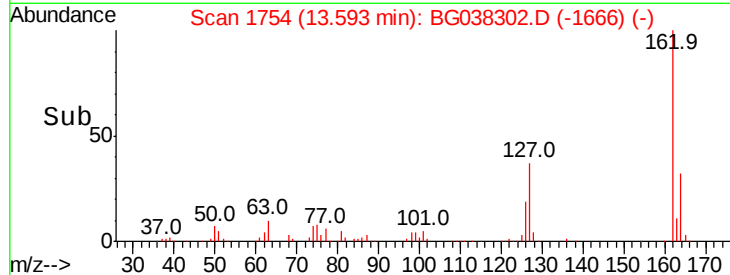
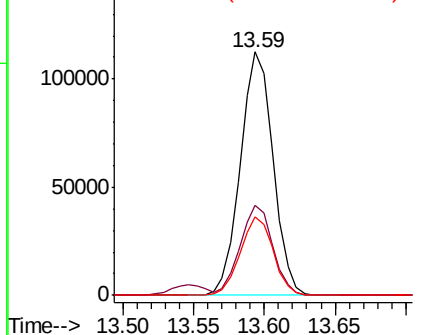
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	36.9	30.5	45.7
164	32.1	26.4	39.6

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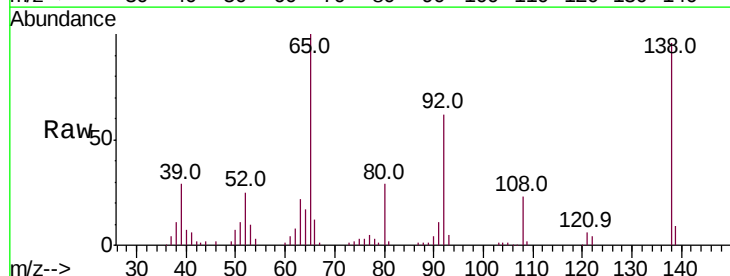


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

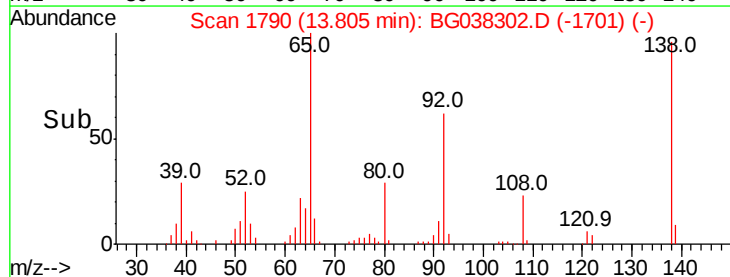
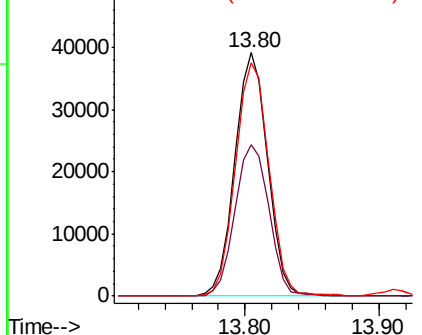


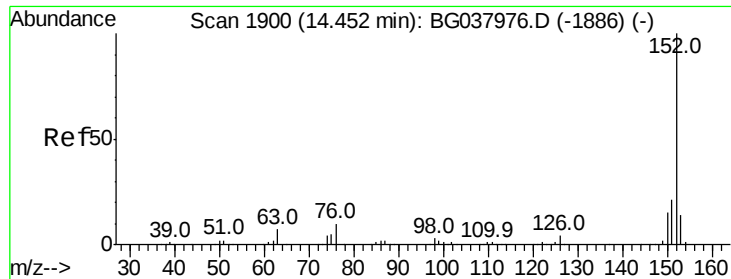
#48
 2-Nitroaniline
 Concen: 46.799 ng
 RT: 13.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	62.4	53.2	79.8
138	96.1	79.3	118.9



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





#49

Acenaphthylene

Concen: 44.928 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

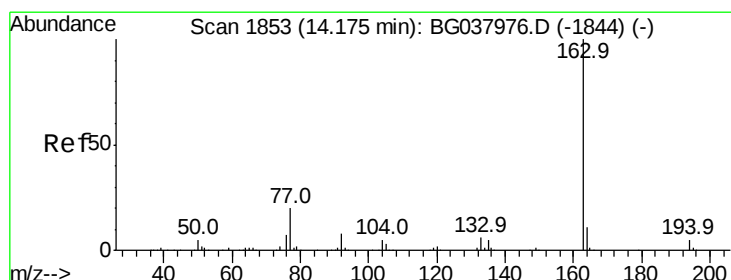
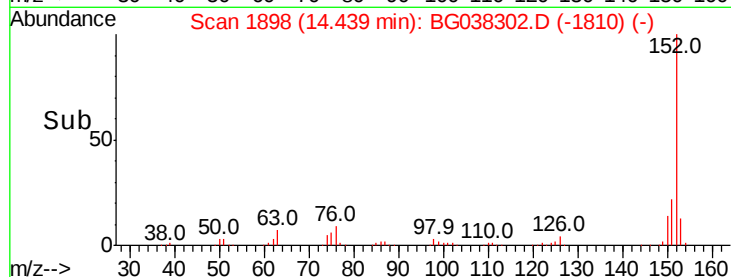
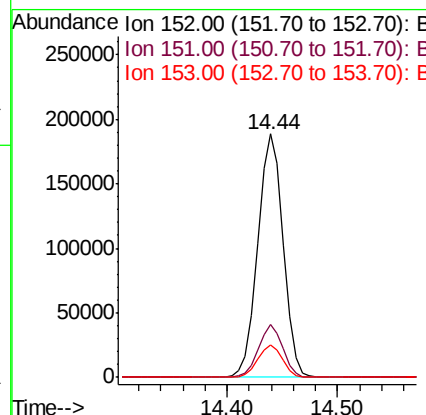
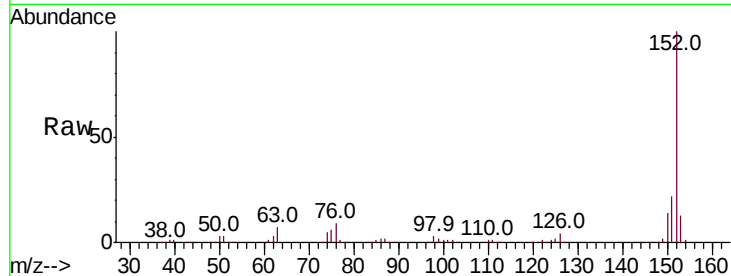
ClientSampleId :

PB115183BSD

Tot Ion:	152	Resp:	304234
Ion Ratio	Lower	Upper	
152	100		
151	21.8	17.1	25.7
153	13.5	11.1	16.7

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#50

Dimethylphthalate

Concen: 44.891 ng

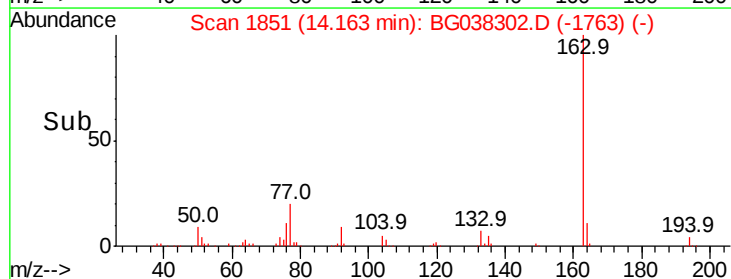
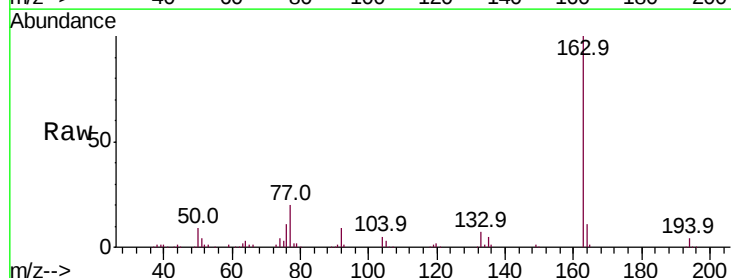
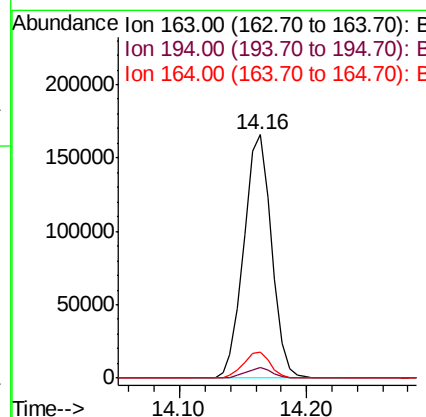
RT: 14.16 min Scan# 1851

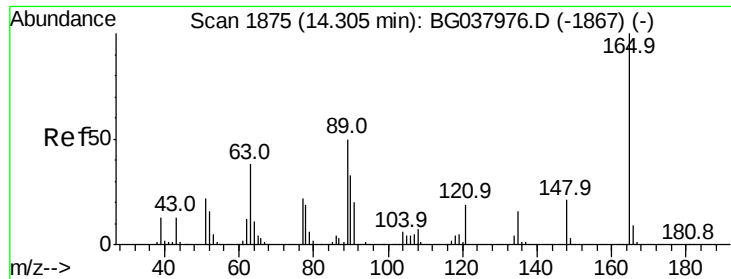
Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Tgt Ion:	163	Resp:	249983
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	10.6	8.5	12.7





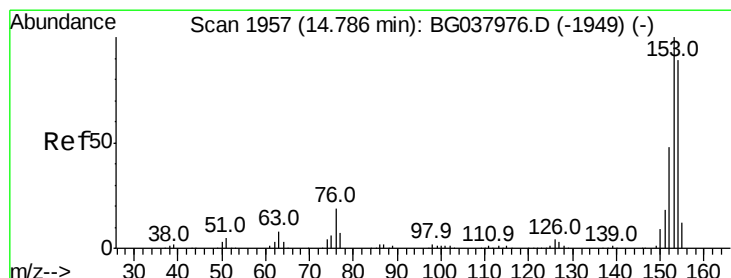
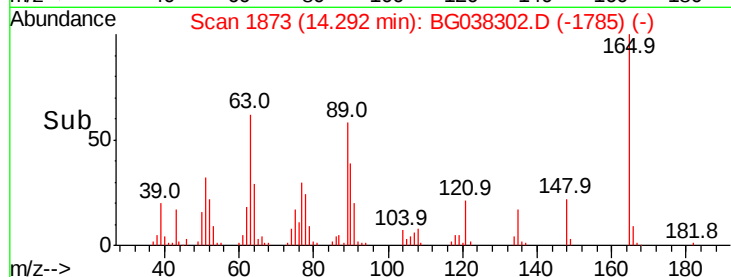
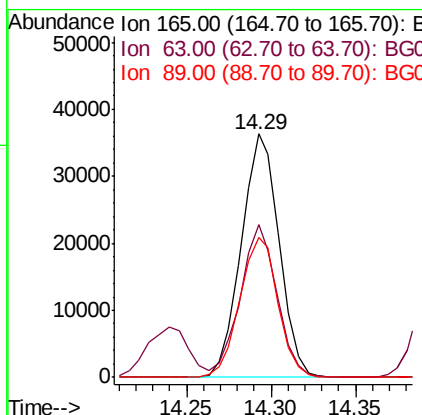
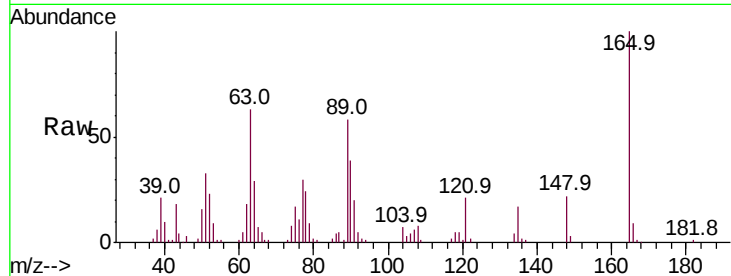
#51
2,6-Dinitrotoluene
Concen: 44.741 ng
RT: 14.29 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.6	43.4	65.2
89	57.7	45.8	68.6

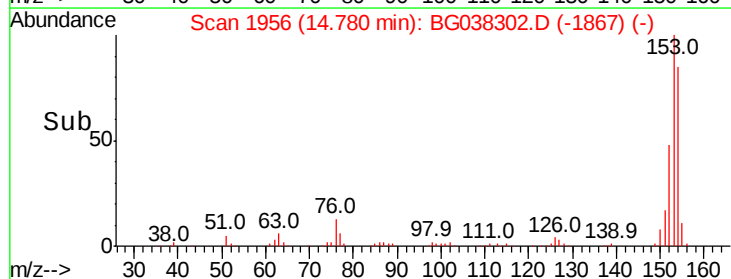
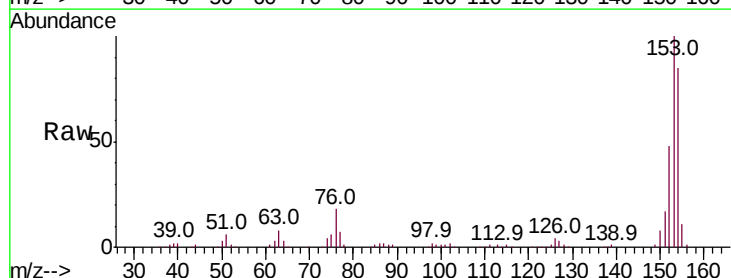
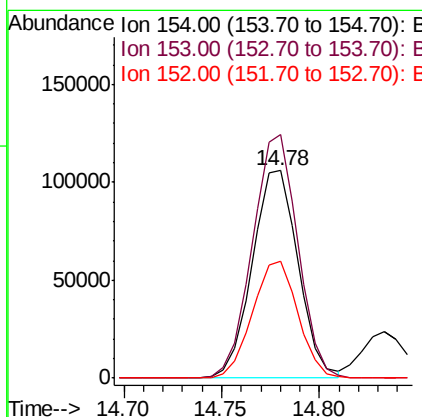
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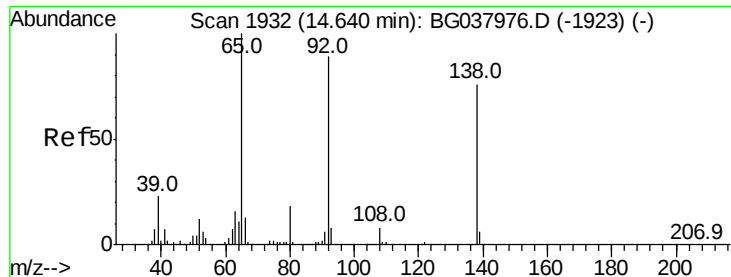
mohammad
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#52
Acenaphthene
Concen: 42.414 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.3	93.4	140.0
152	56.5	44.7	67.1





#53

3-Nitroaniline

Concen: 13.524 ng

RT: 14.63 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

Tot Ion:138 Resp: 18808

Ion Ratio Lower Upper

138 100

108 11.2 11.0 16.6

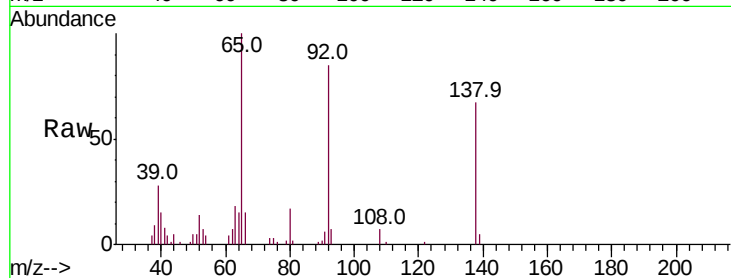
92 128.1 95.2 142.8

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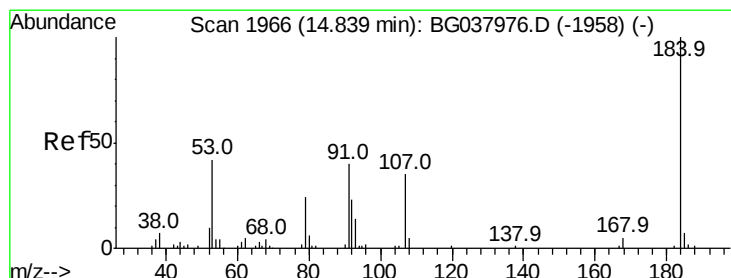
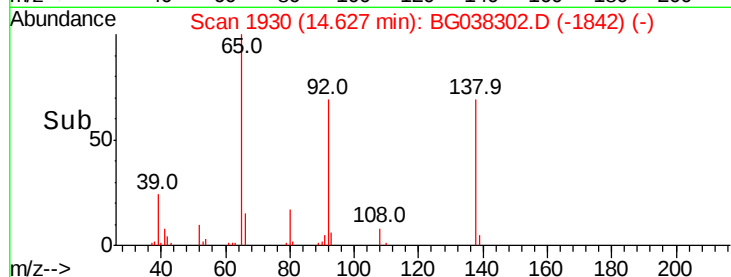
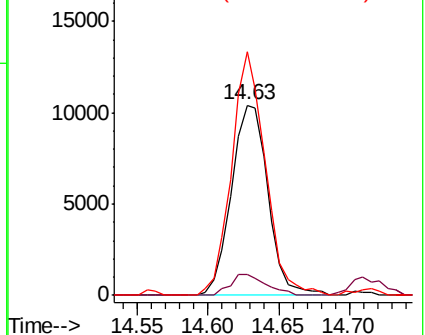
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 93.267 ng

RT: 14.83 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

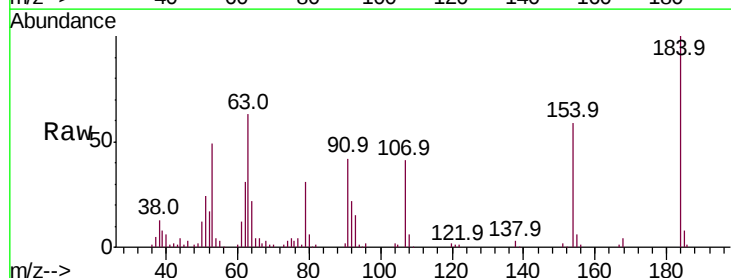
Tgt Ion:184 Resp: 64625

Ion Ratio Lower Upper

184 100

63 63.5 42.6 63.8

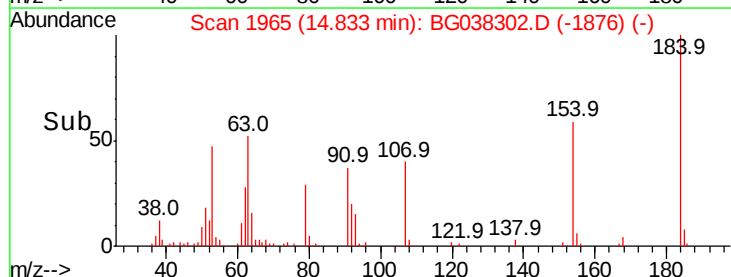
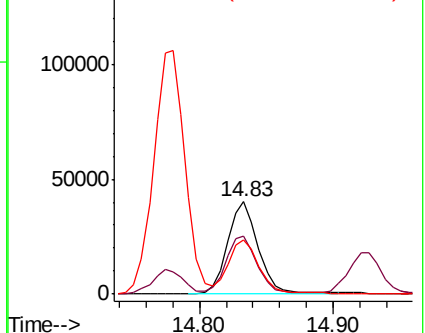
154 59.2 41.8 62.6

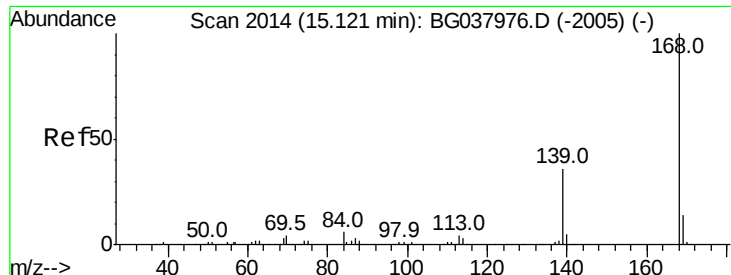


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





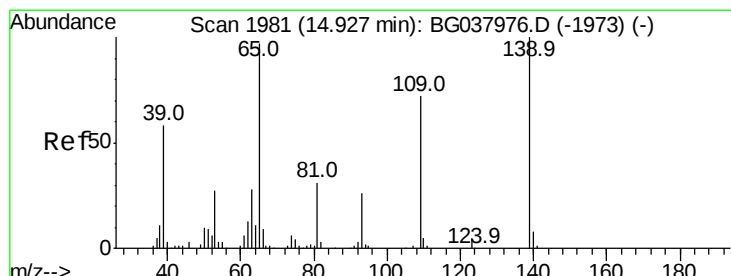
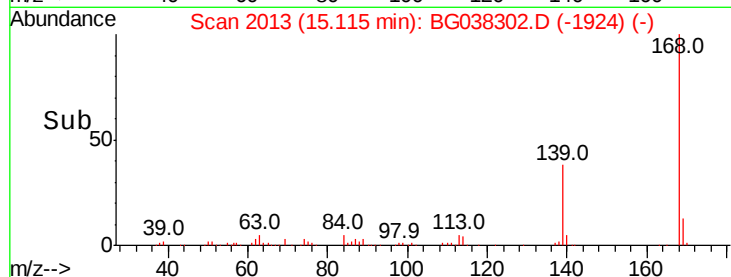
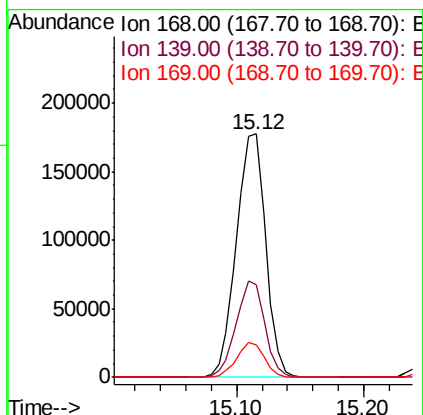
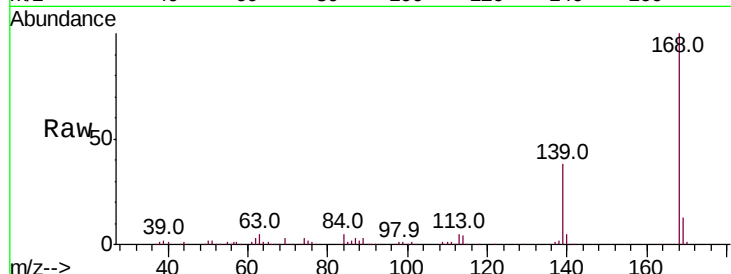
#55
Dibenzofuran
Concen: 42.261 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	284880		
139	38.2	29.4	44.0	
169	13.3	11.0	16.6	

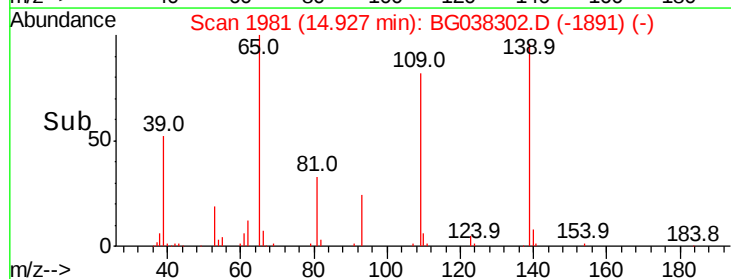
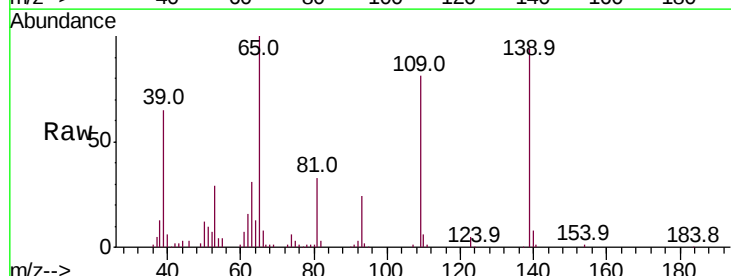
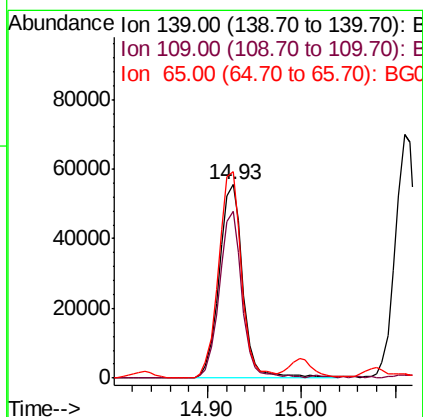
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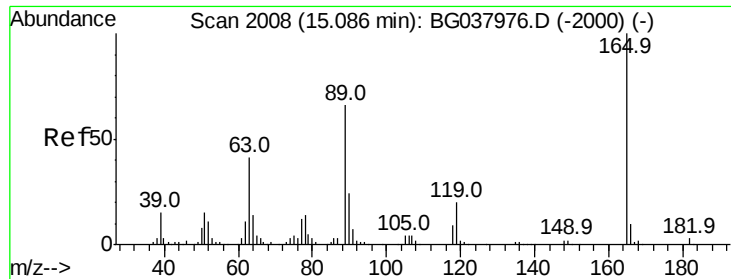
mohammad
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#56
4-Nitrophenol
Concen: 91.230 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	97853		
109	86.2	49.5	89.5	
65	106.7	76.8	116.8	





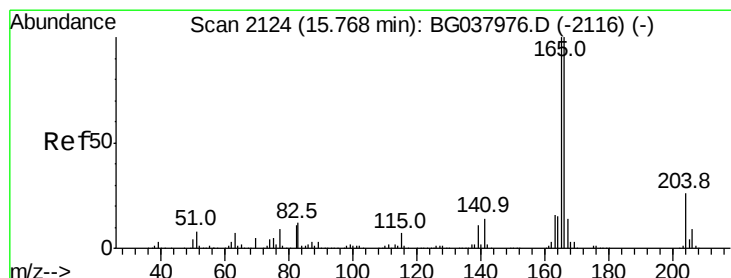
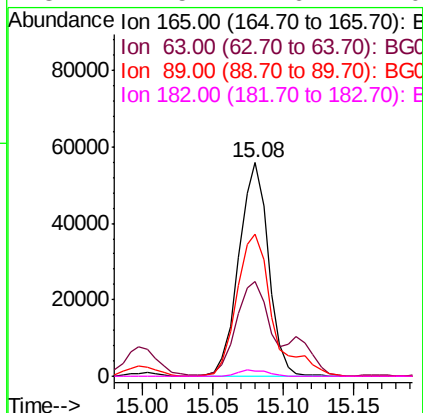
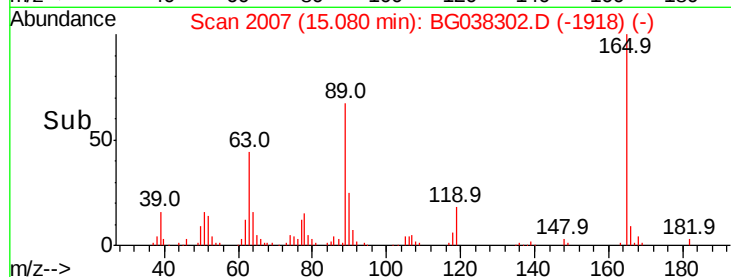
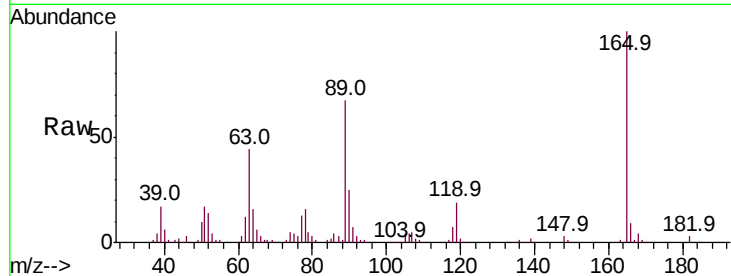
#57
2,4-Dinitrotoluene
Concen: 47.679 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	81760		
63	44.4	33.4	50.0	
89	66.8	57.2	85.8	
182	2.5	2.6	4.0	

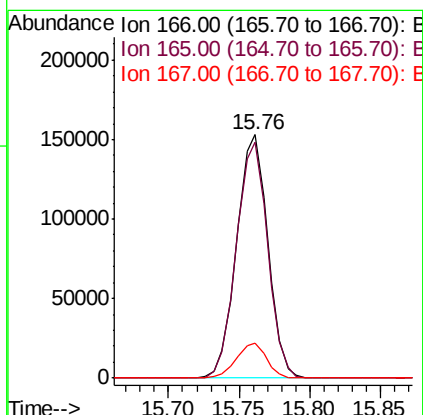
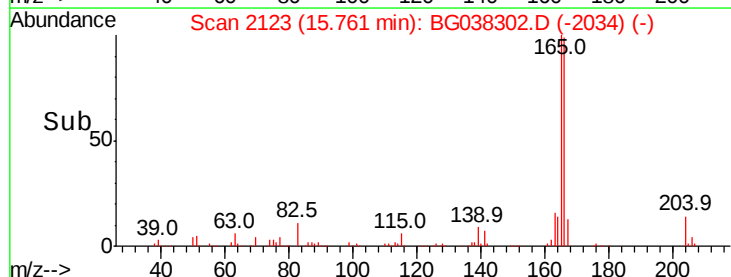
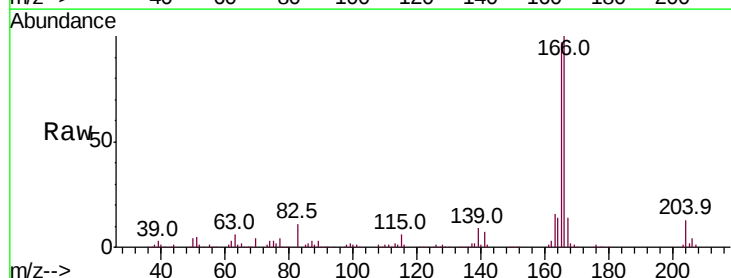
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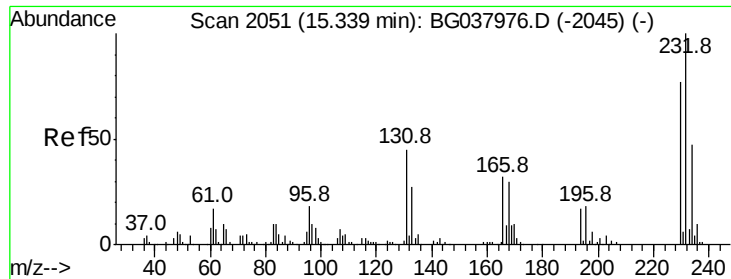
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#58
Fluorene
Concen: 46.794 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	235354		
165	97.0	79.0	118.6	
167	14.3	11.3	16.9	





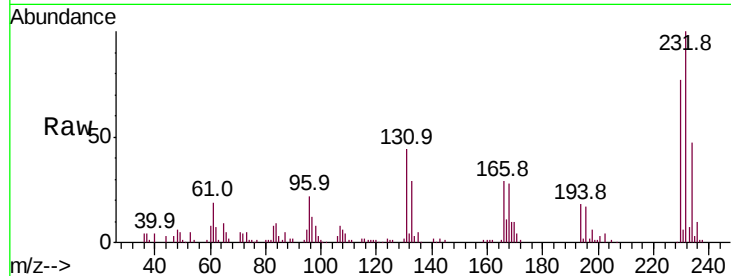
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.243 ng
 RT: 15.33 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.4	33.7	50.5
130	2.4	2.1	3.1
166	29.3	24.6	36.8

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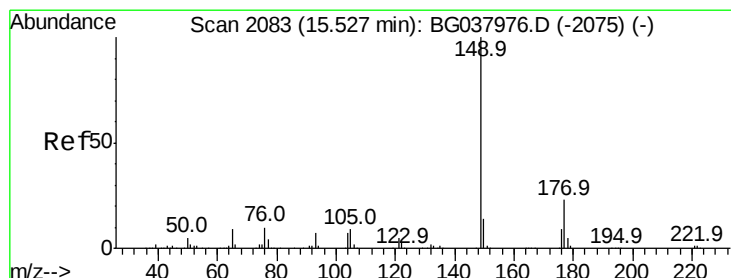
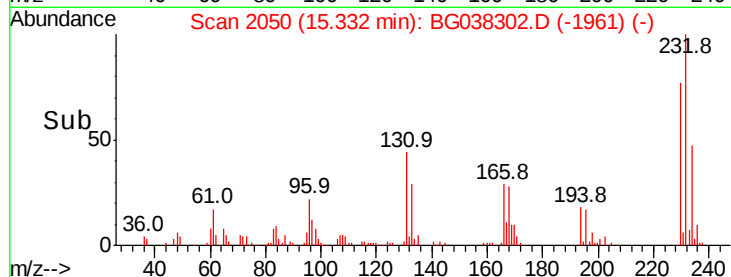
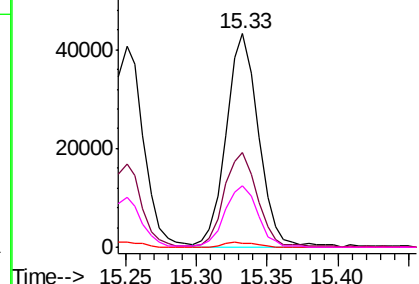
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

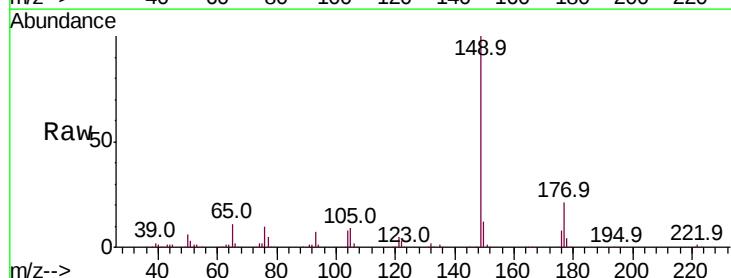
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 45.122 ng
 RT: 15.51 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	18.3	27.5
150	12.0	10.0	15.0

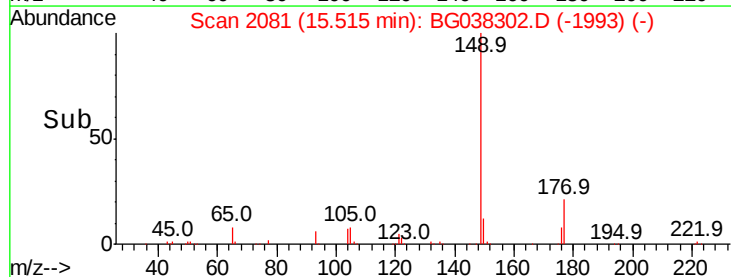
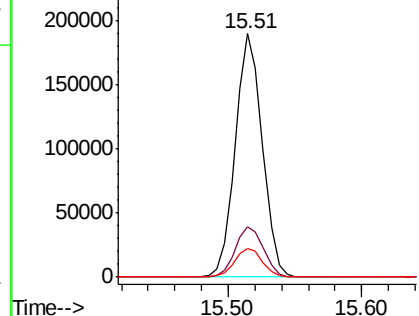


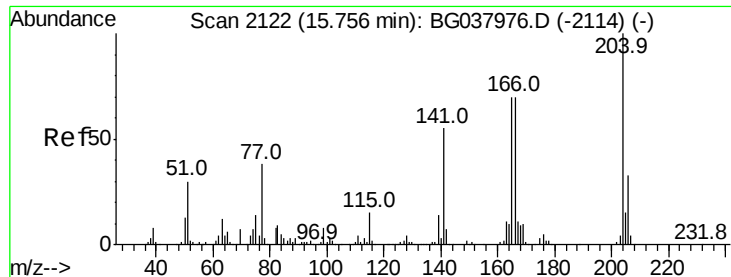
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





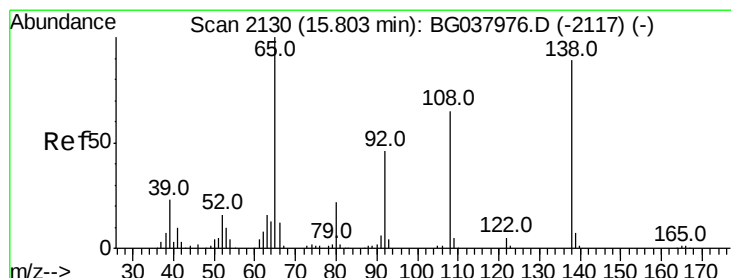
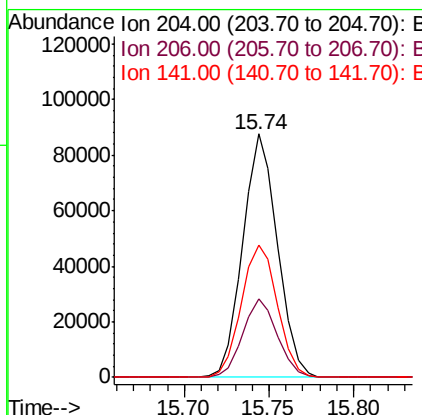
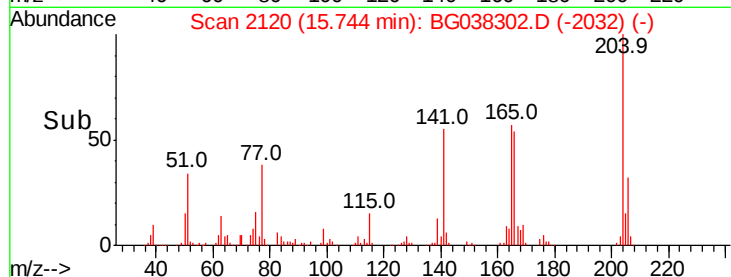
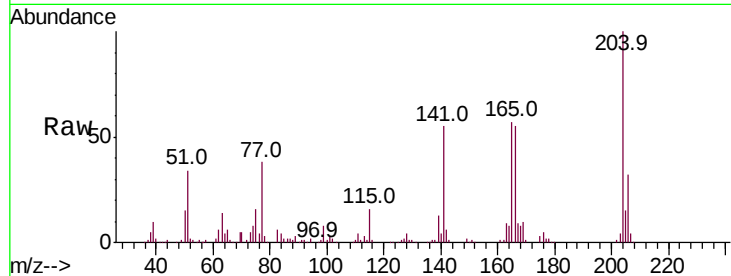
#61
4-Chlorophenyl-phenylether
Concen: 42.492 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.6	39.8
141	54.5	45.4	68.2

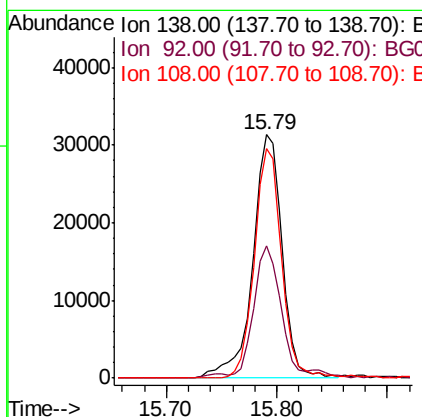
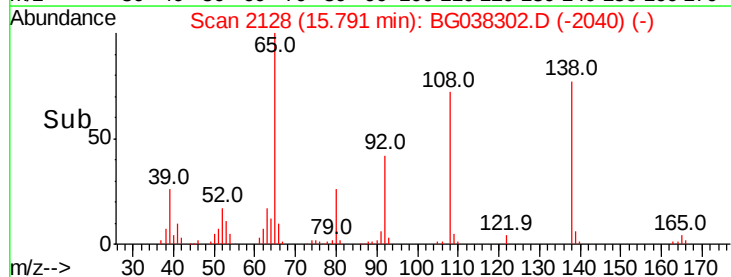
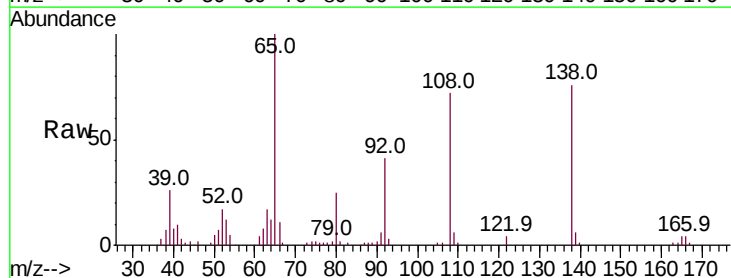
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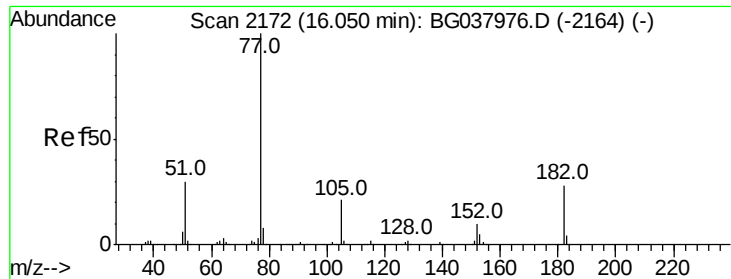
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#62
4-Nitroaniline
Concen: 42.258 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.1	36.4	76.4
108	94.3	60.1	100.1





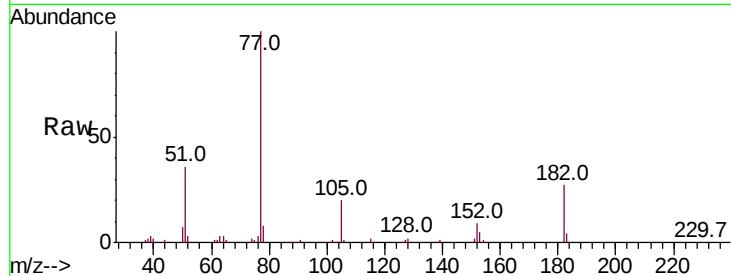
#63
Azobenzene
Concen: 45.225 ng
RT: 16.04 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100	239166		
182	27.0	8.0	48.0	
105	19.6	1.3	41.3	
51	35.6	10.7	50.7	

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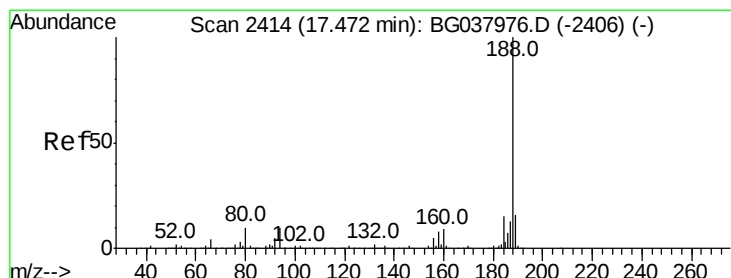
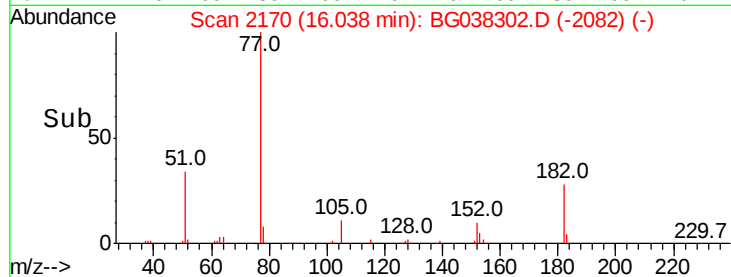
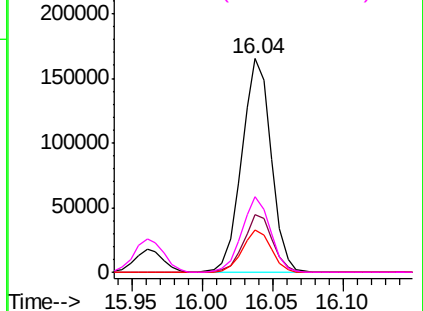
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

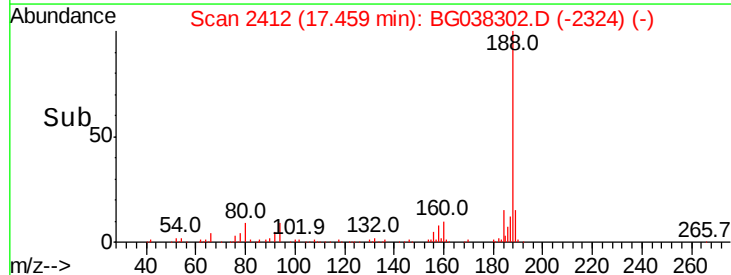
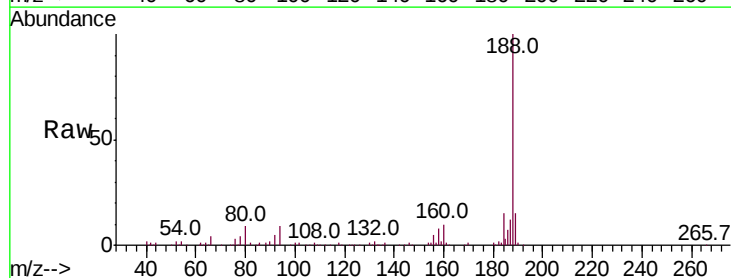
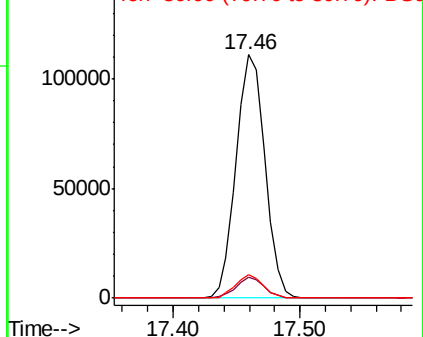
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	175316		
94	8.7	7.2	10.8	
80	9.4	7.7	11.5	

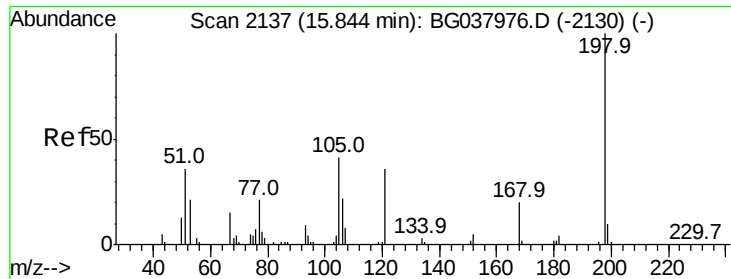
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 43.185 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

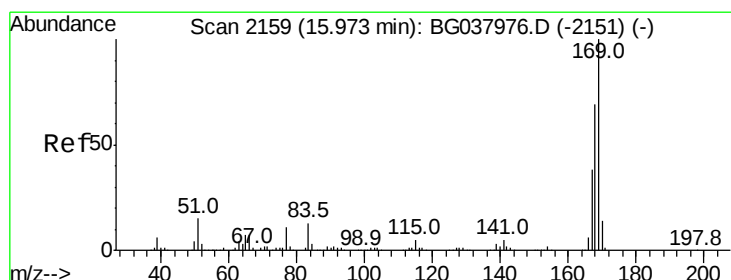
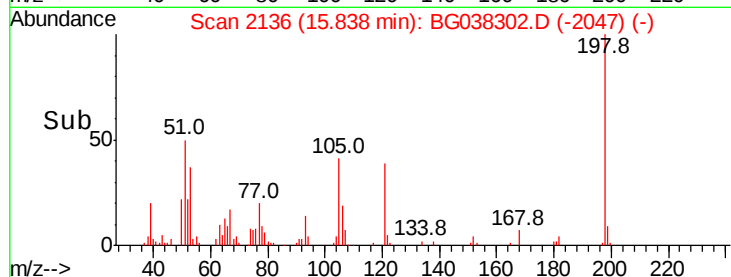
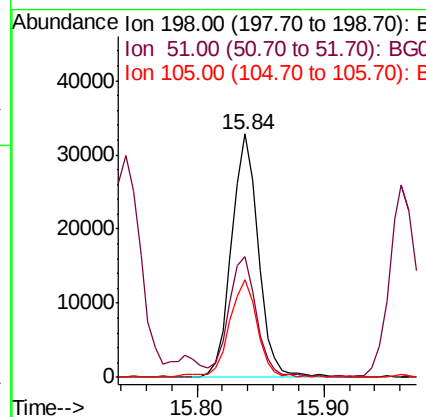
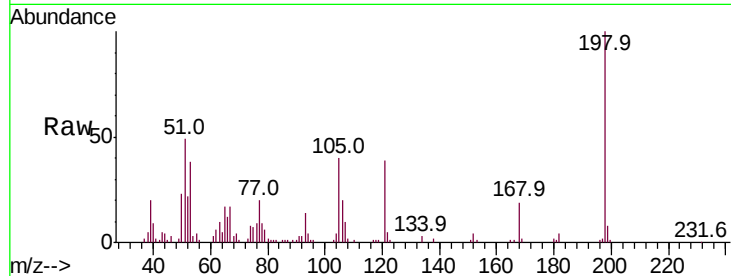
ClientSampleId :

PB115183BSD

Tot Ion:	198	Resp:	47887
Ion Ratio	Lower	Upper	
198	100		
51	49.5	22.7	62.7
105	40.2	19.7	59.7

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#66

n-Nitrosodiphenylamine

Concen: 40.097 ng

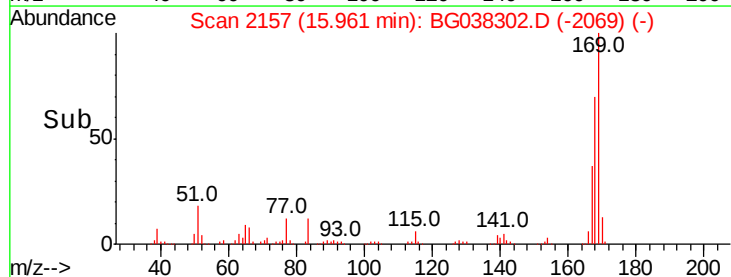
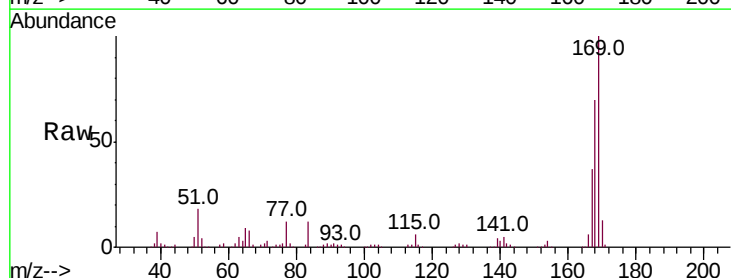
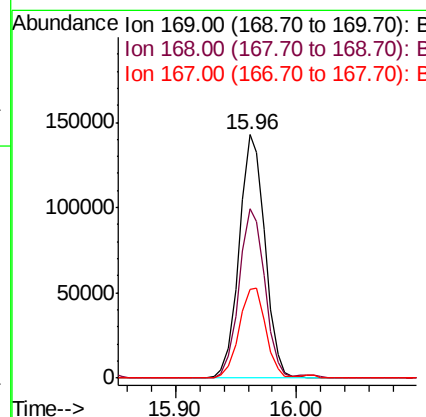
RT: 15.96 min Scan# 2157

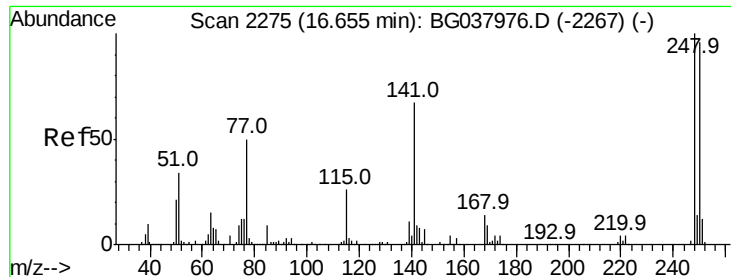
Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Tgt Ion:	169	Resp:	212666
Ion Ratio	Lower	Upper	
169	100		
168	69.7	55.7	83.5
167	36.5	31.3	46.9





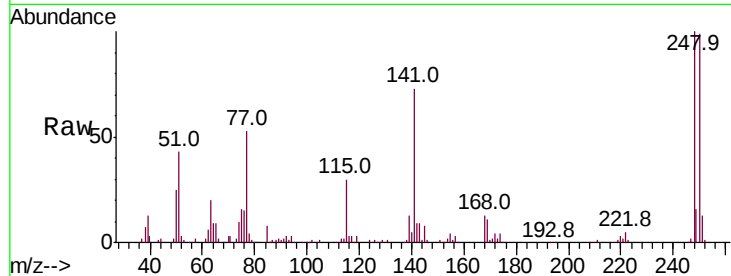
#67
 4-Bromophenyl-phenylether
 Concen: 41.419 ng
 RT: 16.64 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	77.0	115.6
141	72.7	55.5	83.3

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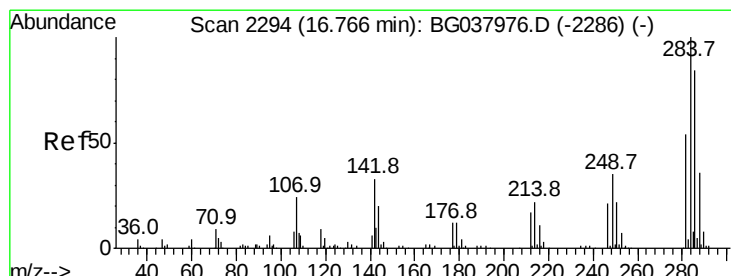
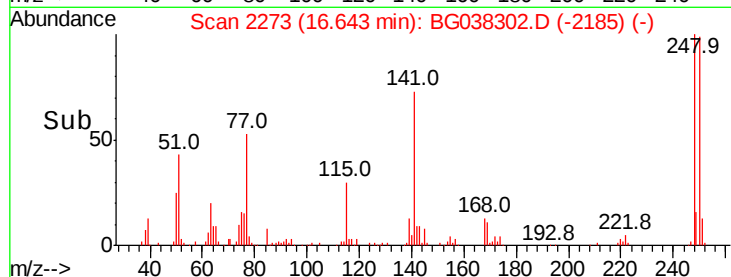
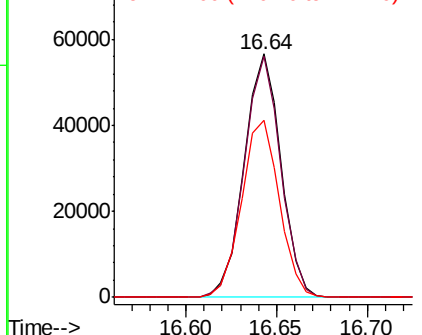


Abundance

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: 41.075 ng
 RT: 16.75 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

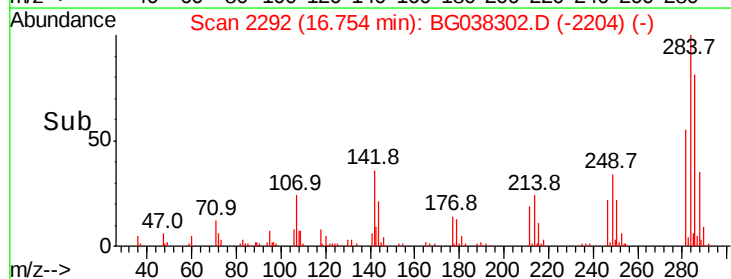
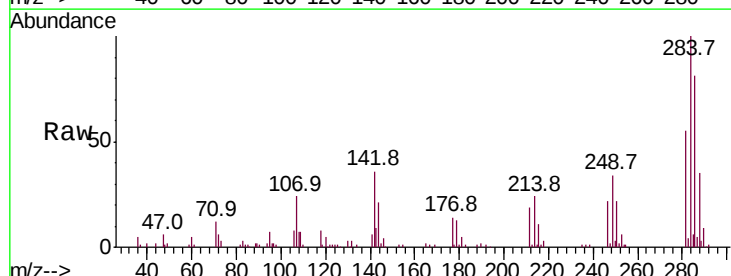
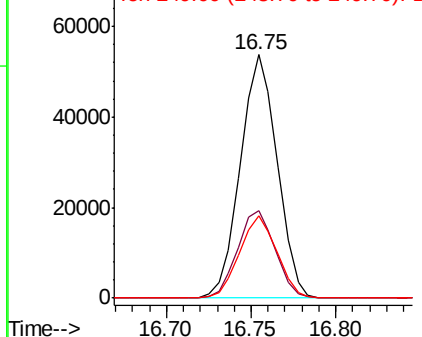
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	28.1	42.1
249	36.4	29.8	44.8

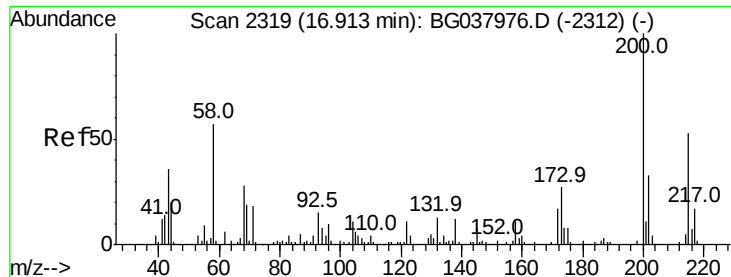
Abundance

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





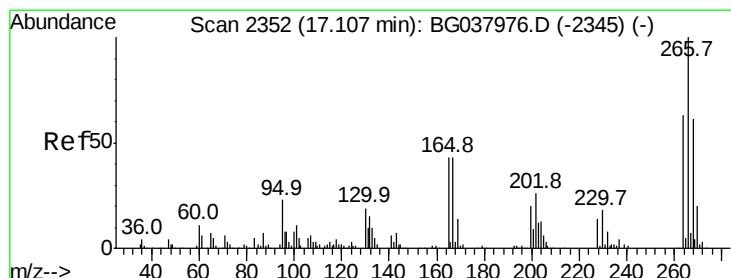
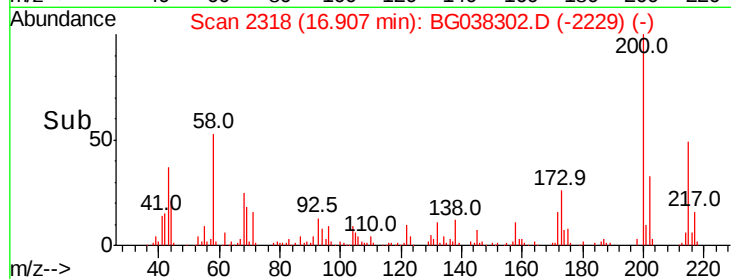
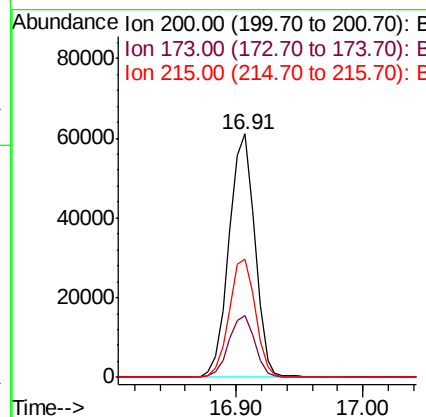
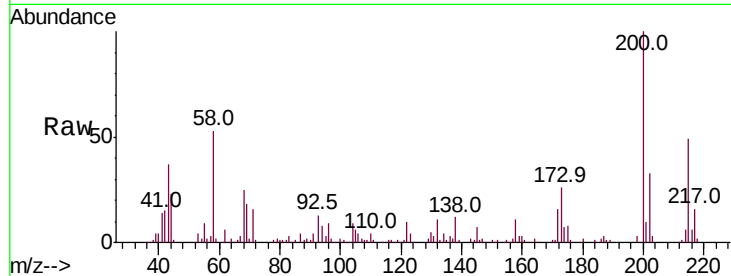
#69
Atrazine
Concen: 43.997 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.1	46.1
215	48.6	30.8	70.8

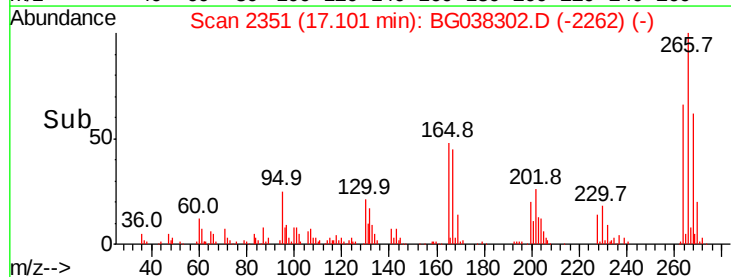
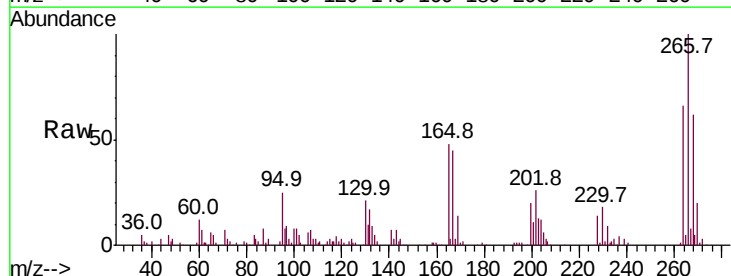
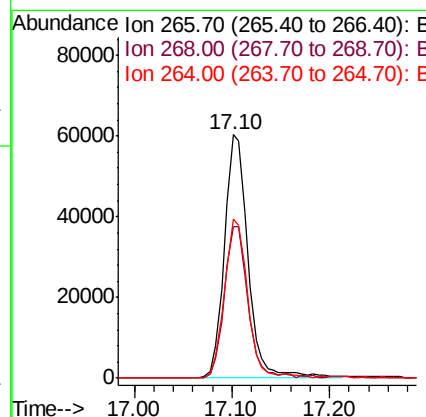
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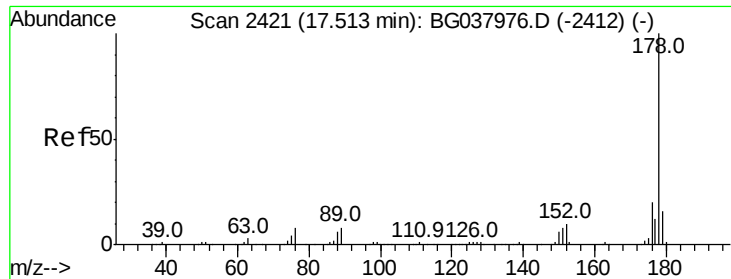
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#70
Pentachlorophenol
Concen: 75.253 ng
RT: 17.10 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.2	55.0	82.6
264	71.0	58.9	88.3





#71

Phenanthrene

Concen: 44.847 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

Tot Ion:178 Resp: 402540

Ion Ratio Lower Upper

178 100

176 20.3 16.1 24.1

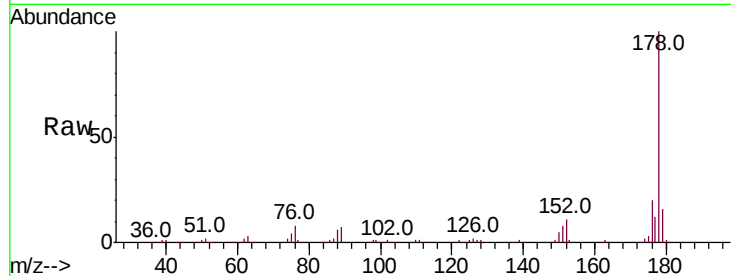
179 16.3 13.0 19.4

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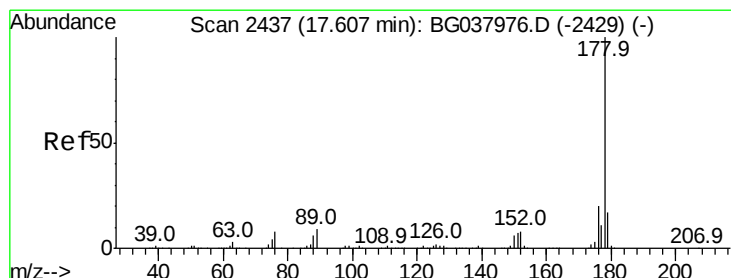
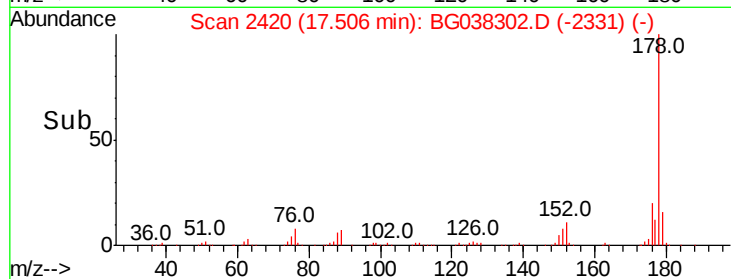
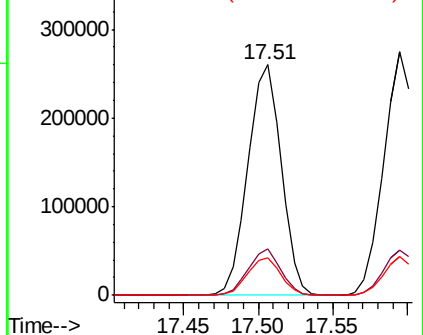
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.331 ng

RT: 17.59 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

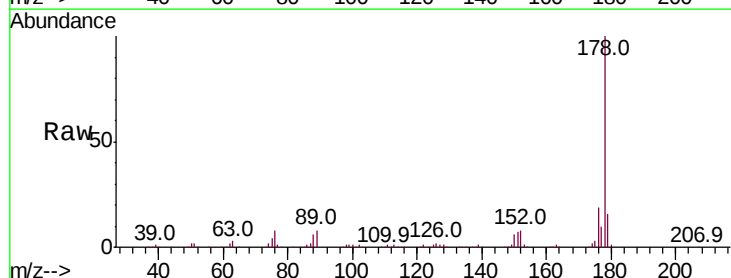
Tgt Ion:178 Resp: 409932

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

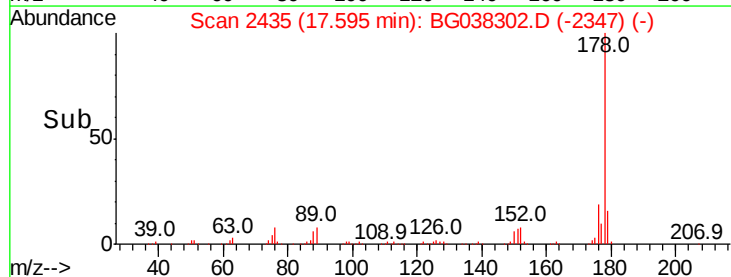
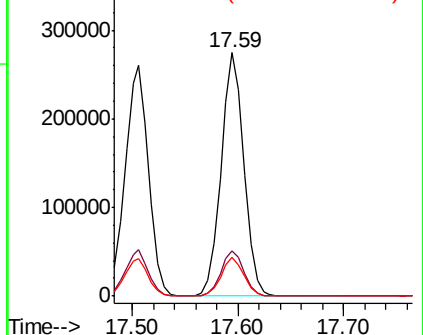
179 15.9 12.8 19.2

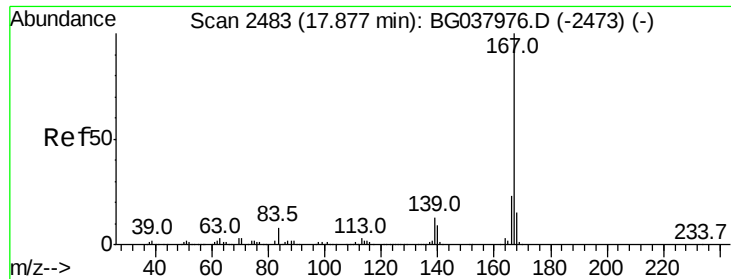


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





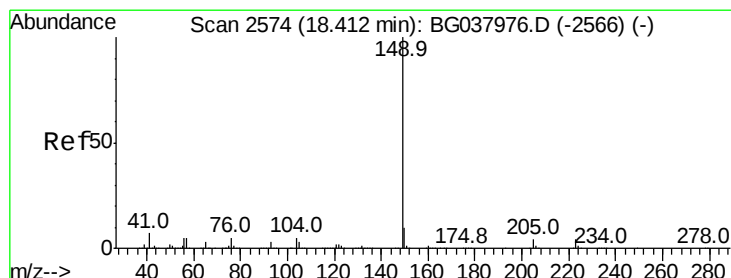
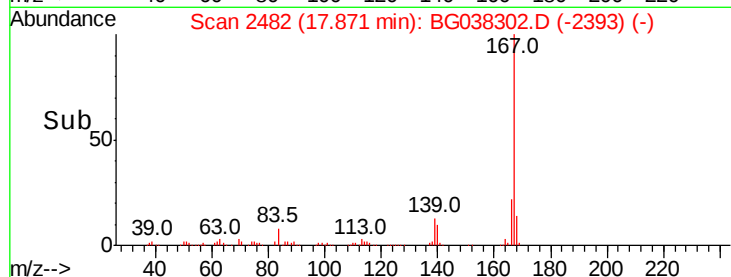
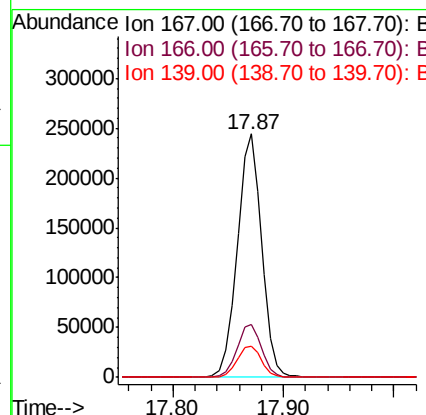
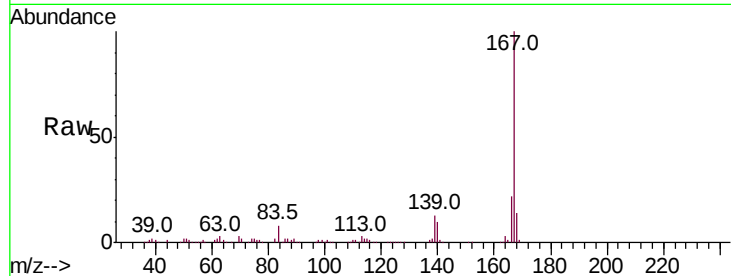
#73
 Carbazole
 Concen: 42.517 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.3	27.5
139	12.9	10.5	15.7

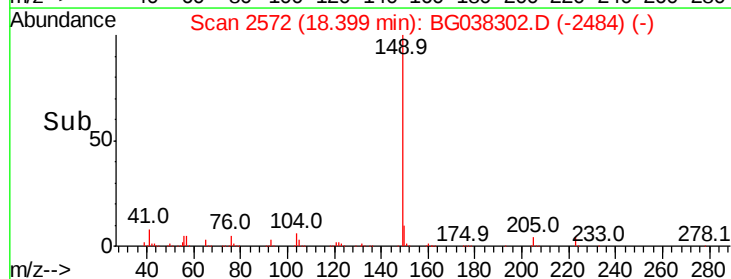
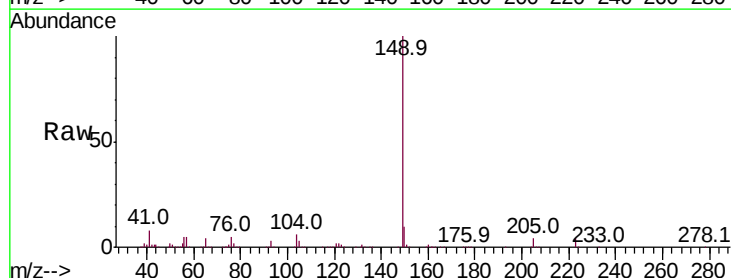
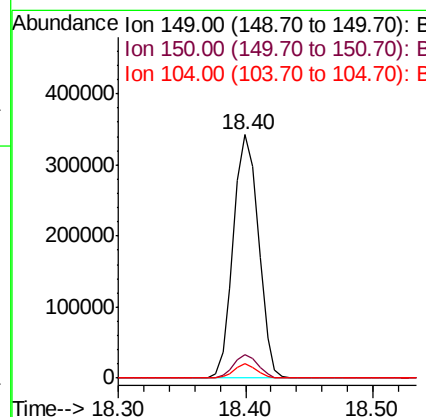
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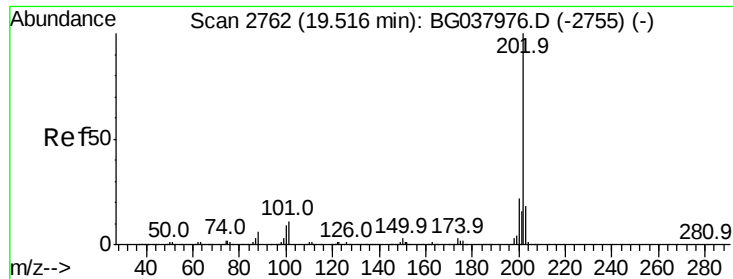
mohammad
 12/3/2018 5:13:30 PM



#74
 Di-n-butylphthalate
 Concen: 47.110 ng
 RT: 18.40 min Scan# 2572
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.2
104	5.8	4.0	6.0





#75

Fluoranthene

Concen: 48.713 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

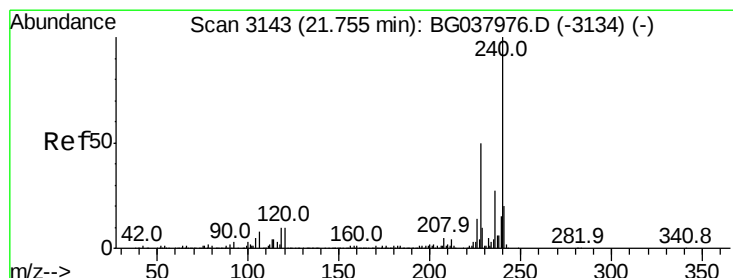
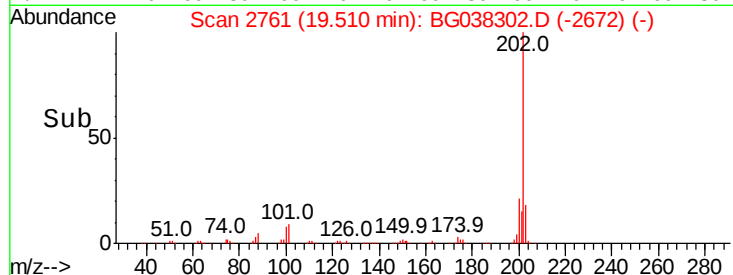
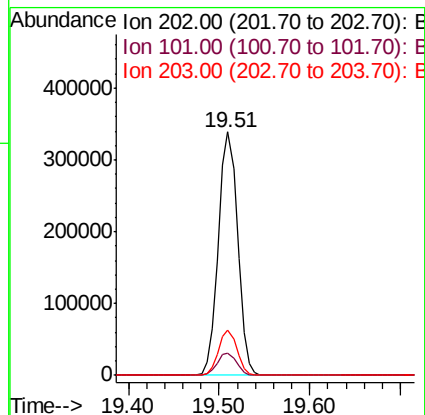
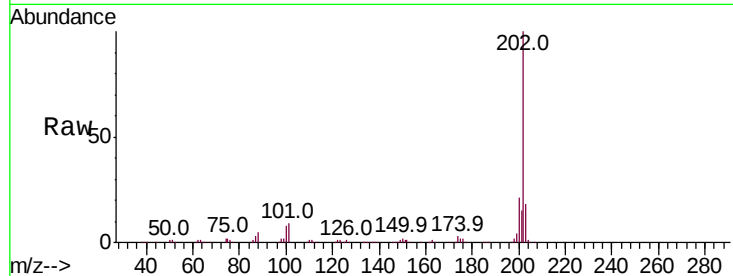
ClientSampleId :

PB115183BSD

Tot Ion:	202	Resp:	498862
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	30.7
203	18.4	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

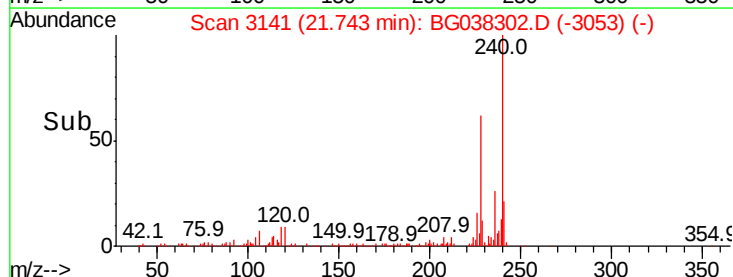
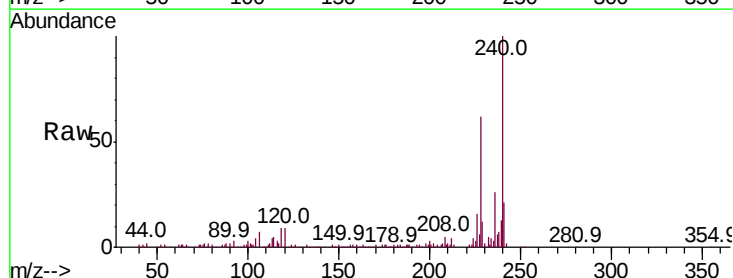
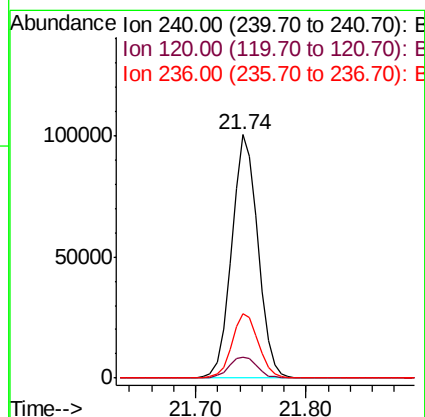
RT: 21.74 min Scan# 3141

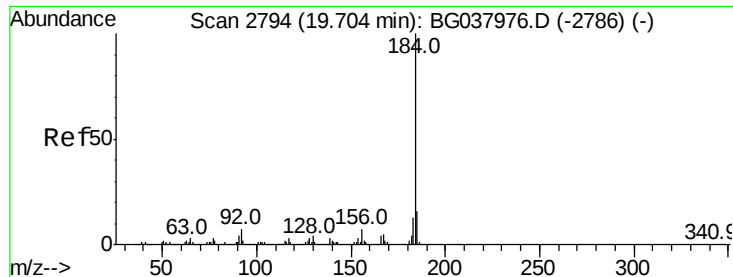
Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Tgt Ion:	240	Resp:	167506
Ion Ratio	Lower	Upper	
240	100		
120	8.8	8.1	12.1
236	26.4	21.4	32.0





#77

Benzidine

Concen: 19.989 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

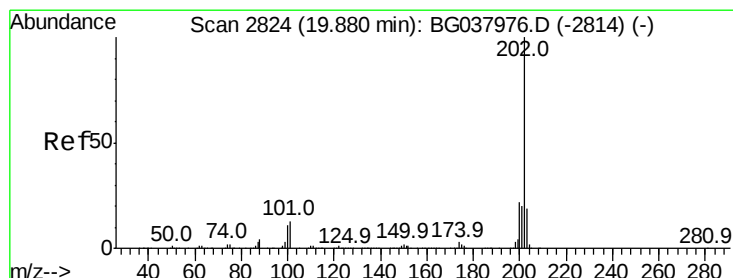
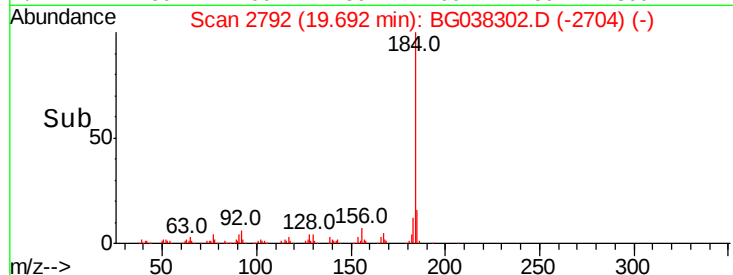
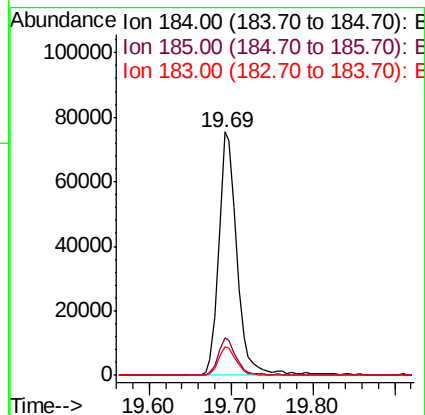
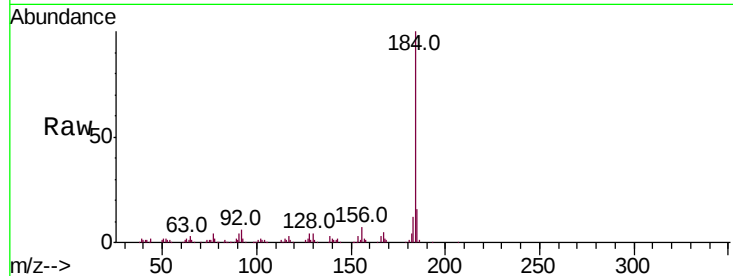
ClientSampleId :

PB115183BSD

Tot Ion:	184	Resp:	117489
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.6	18.8
183	11.8	10.2	15.2

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#78

Pyrene

Concen: 45.099 ng

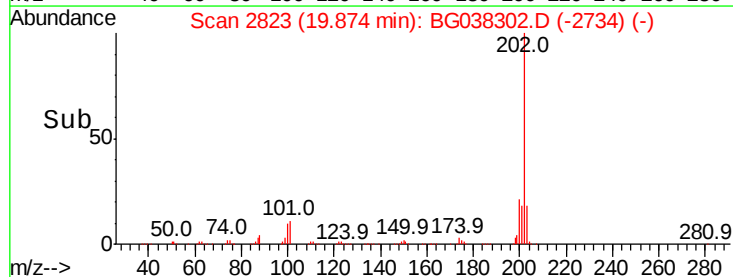
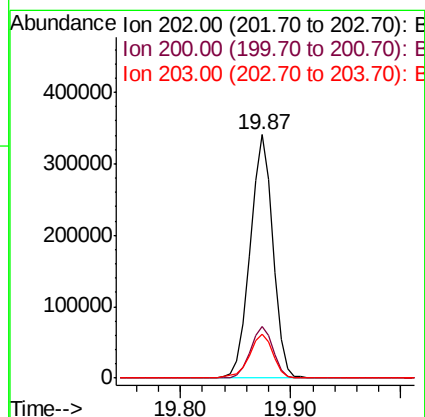
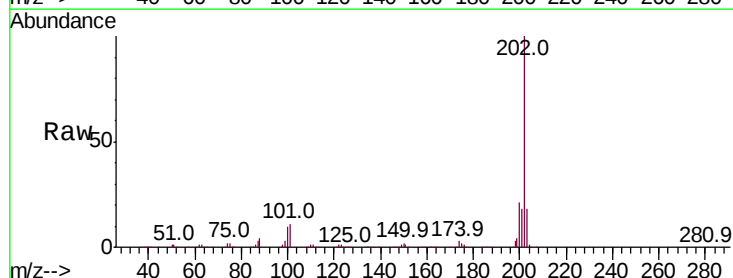
RT: 19.87 min Scan# 2823

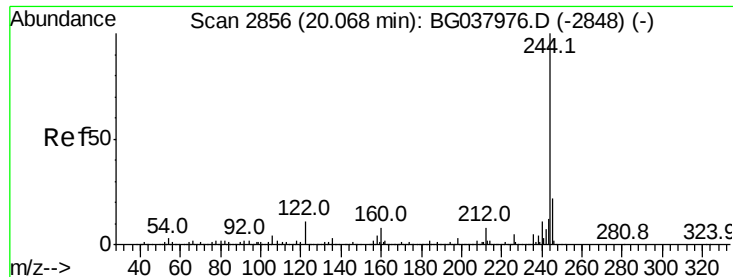
Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Tgt Ion:	202	Resp:	493907
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.8	26.6
203	18.0	15.2	22.8





#79

Terphenyl-d14

Concen: 99.395 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

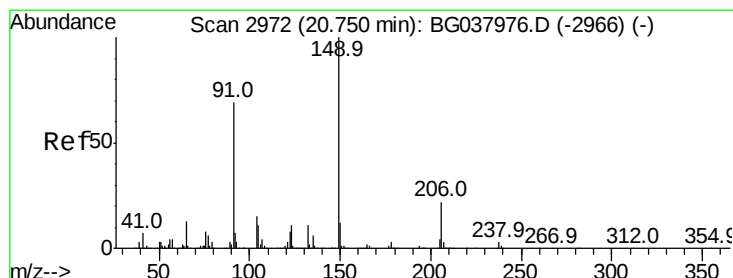
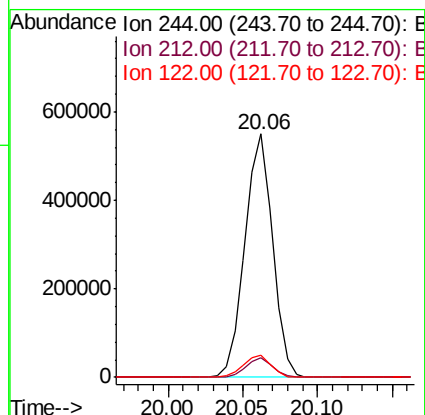
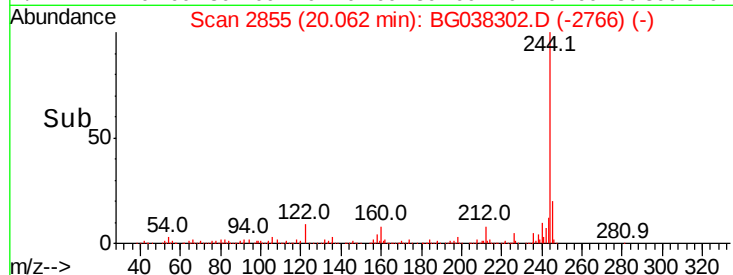
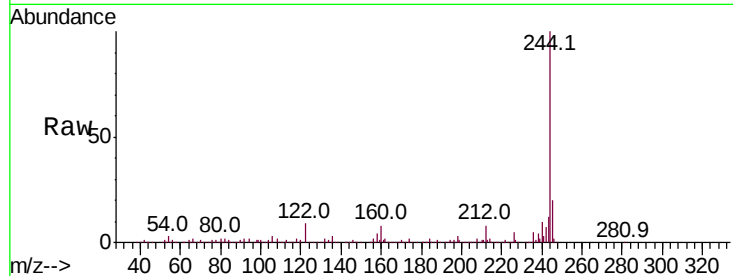
ClientSampleId :

PB115183BSD

Tot Ion:	244	Resp:	707574
Ion Ratio		Lower	Upper
244	100		
212	8.0	6.5	9.7
122	9.4	9.0	13.4

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#80

Butylbenzylphthalate

Concen: 44.415 ng

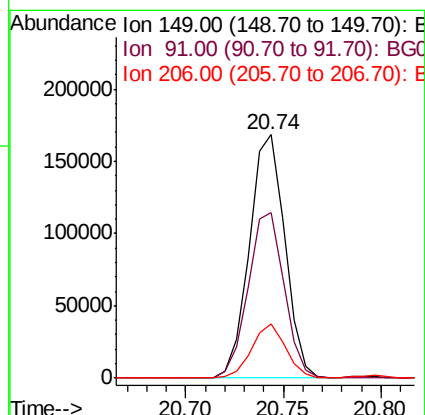
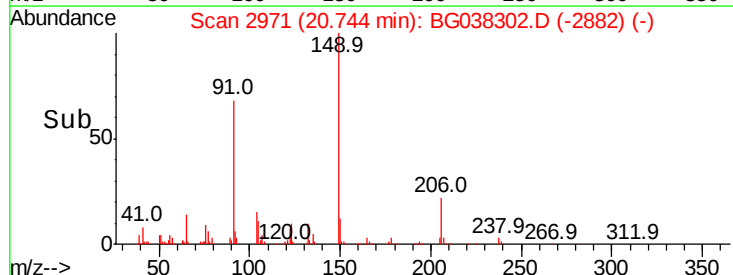
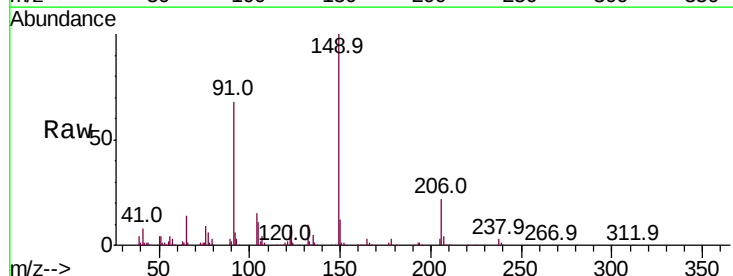
RT: 20.74 min Scan# 2971

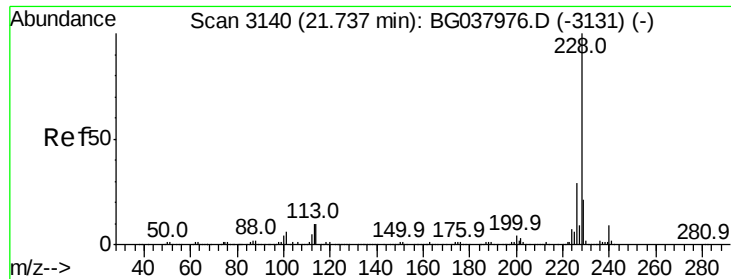
Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Tgt Ion:	149	Resp:	212719
Ion Ratio		Lower	Upper
149	100		
91	68.1	57.0	85.4
206	22.3	17.8	26.6





#81

Benzo(a)anthracene

Concen: 46.321 ng

RT: 21.72 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

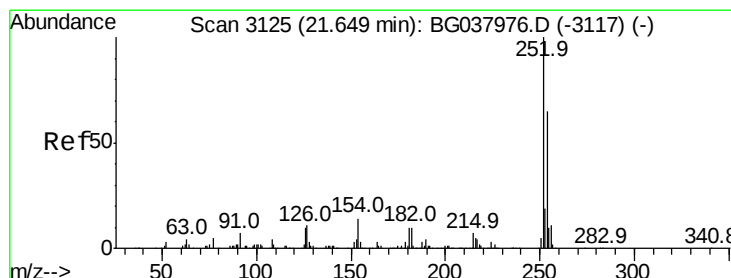
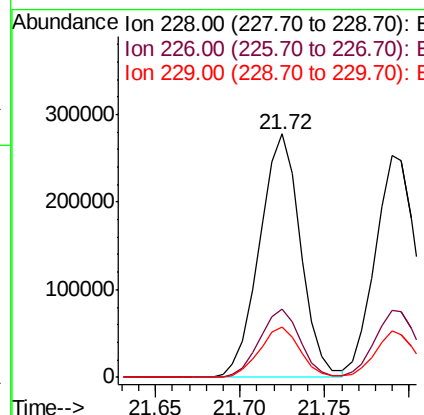
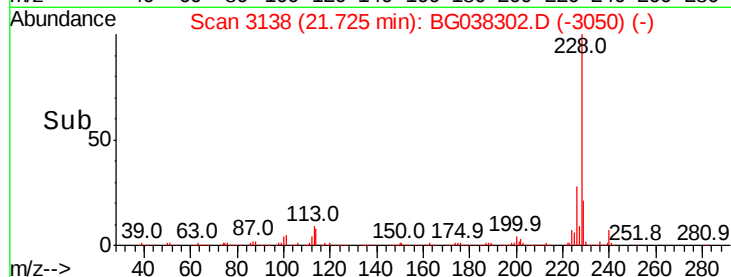
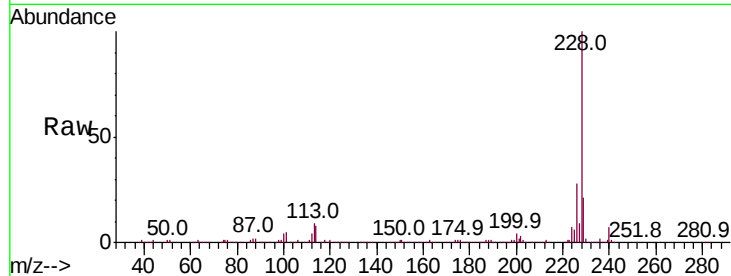
ClientSampleId :

PB115183BSD

Tot Ion:	228	Resp:	468890
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.6	33.8
229	20.8	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 17.405 ng

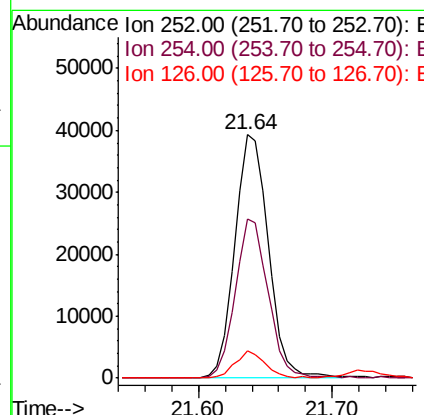
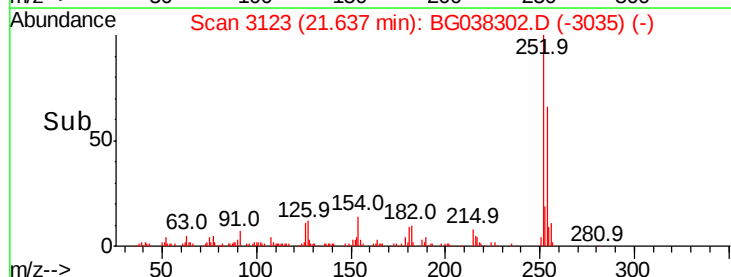
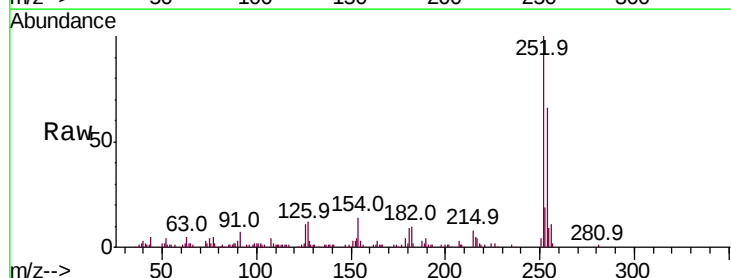
RT: 21.64 min Scan# 3123

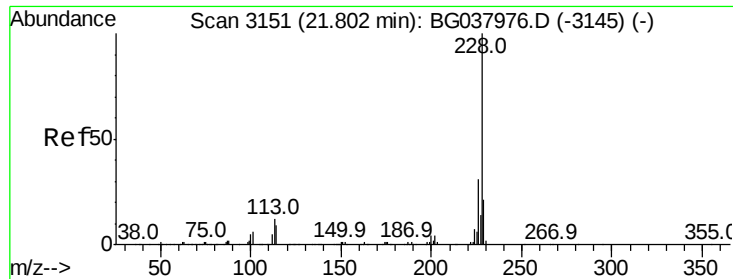
Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Tgt Ion:	252	Resp:	68628
Ion Ratio	Lower	Upper	
252	100		
254	65.5	52.0	78.0
126	11.3	8.2	12.4





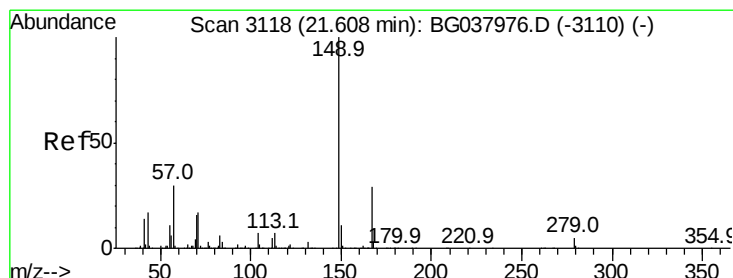
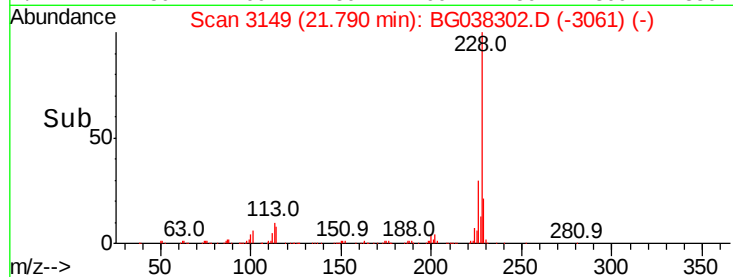
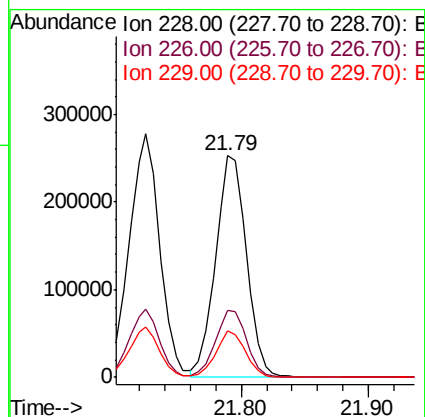
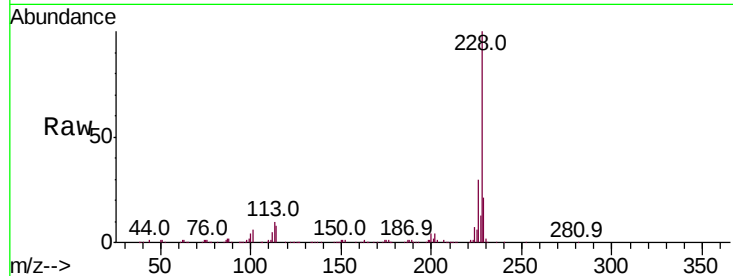
#83
Chrysene
Concen: 44.161 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.7	38.5
229	20.8	16.5	24.7

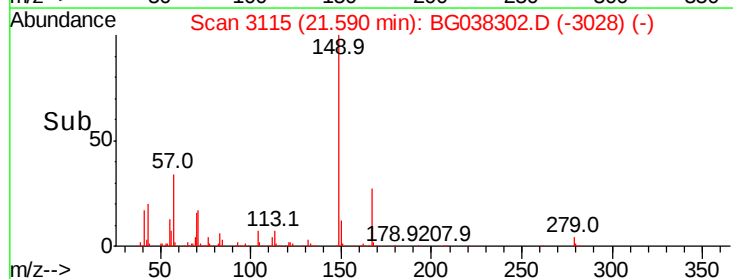
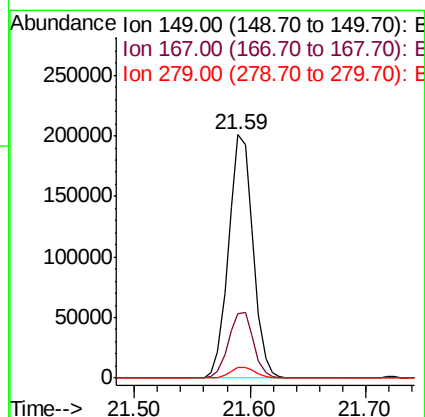
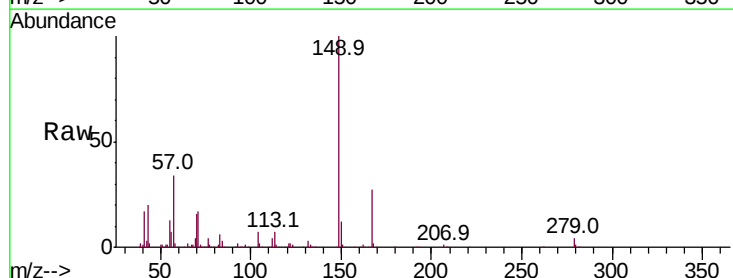
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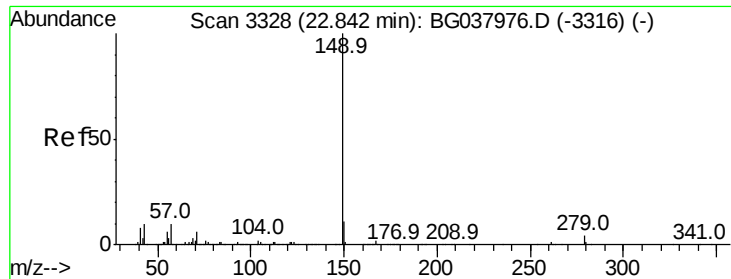
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.916 ng
RT: 21.59 min Scan# 3115
Delta R.T. -0.02 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	23.0	34.4
279	4.3	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 45.365 ng

RT: 22.83 min Scan# 3326

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

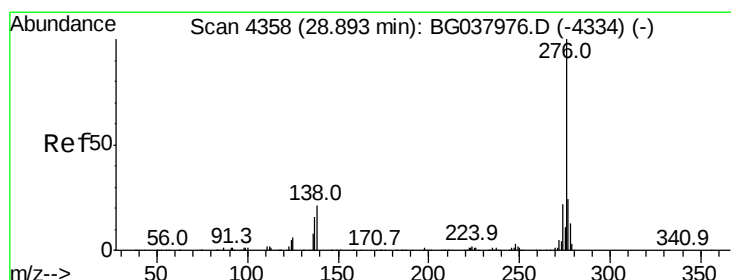
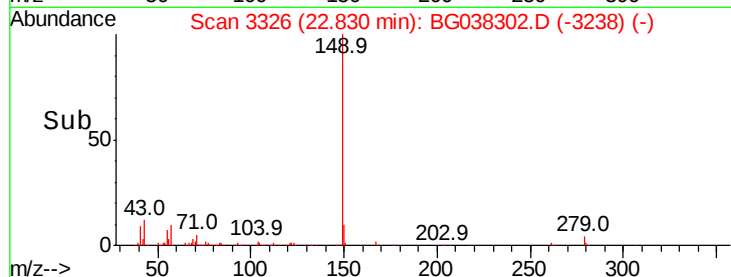
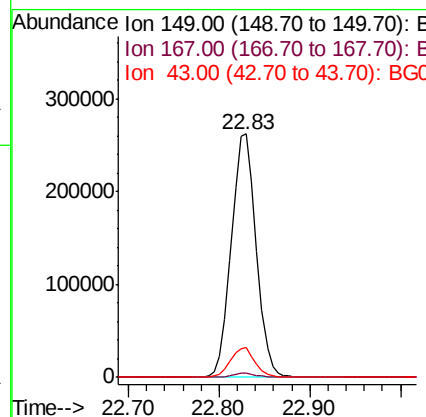
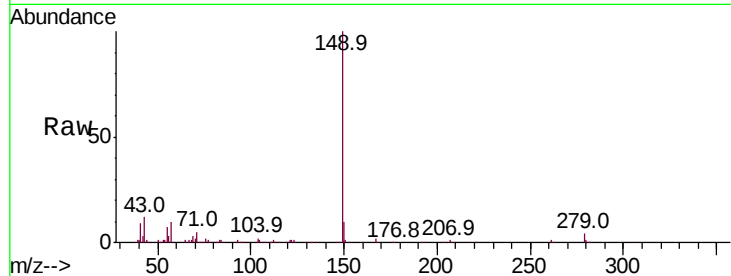
ClientSampleId :

PB115183BSD

Tot Ion:	149	Resp:	501270
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	12.1	8.7	13.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 47.400 ng

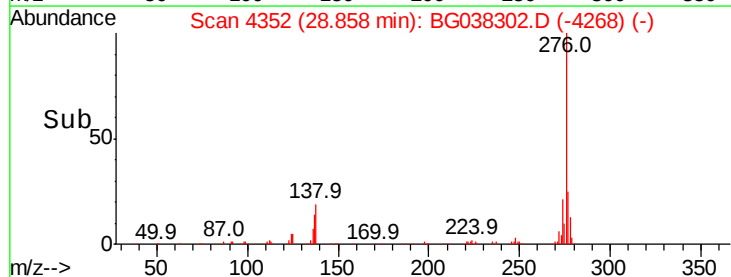
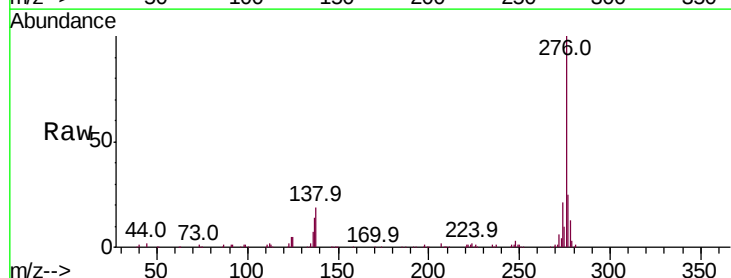
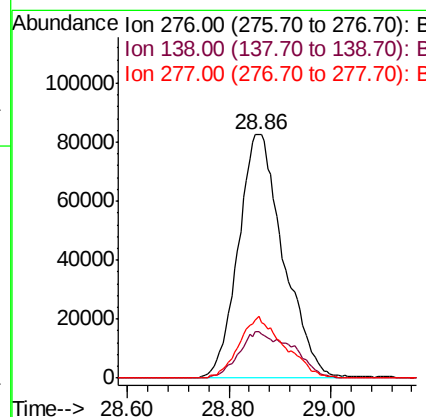
RT: 28.86 min Scan# 4352

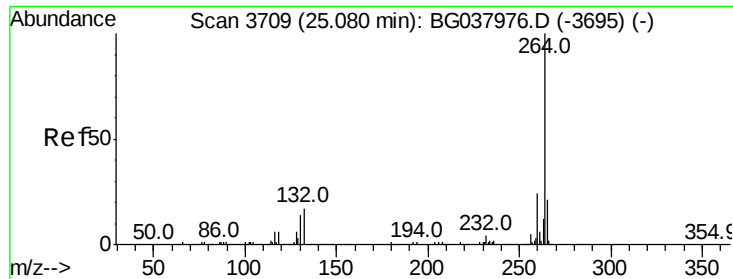
Delta R.T. -0.04 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Tgt Ion:	276	Resp:	509862
Ion Ratio	Lower	Upper	
276	100		
138	22.6	12.0	18.0#
277	25.2	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: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

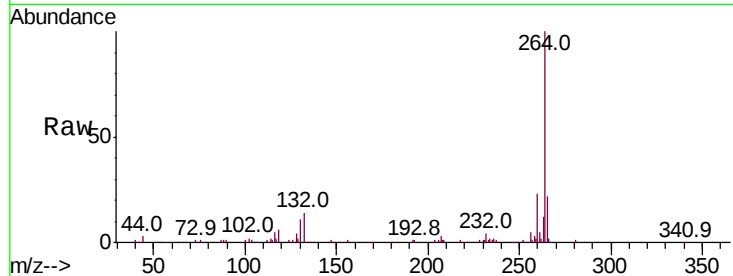
ClientSampleId :

PB115183BSD

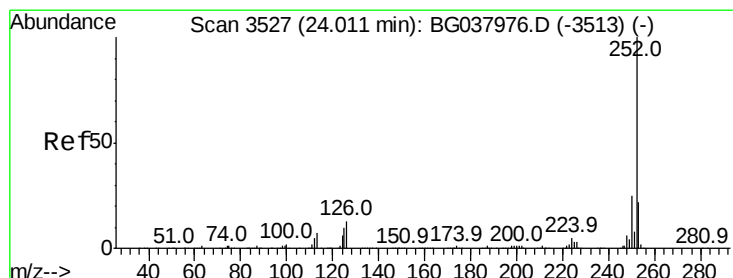
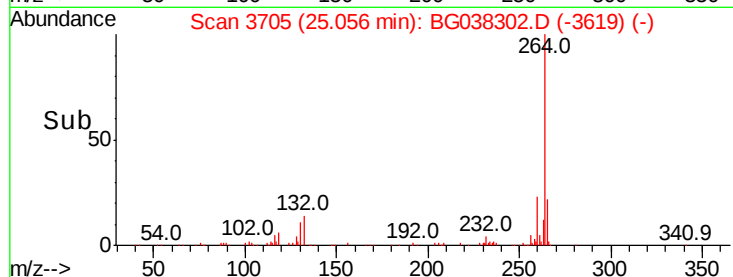
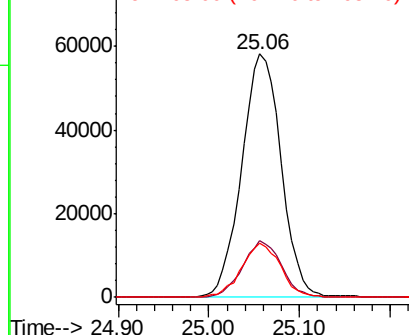
Tot Ion:	264	Resp:	176104
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.2	27.4
265	22.5	17.9	26.9

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



#88

Benzo(b)fluoranthene

Concen: 47.356 ng

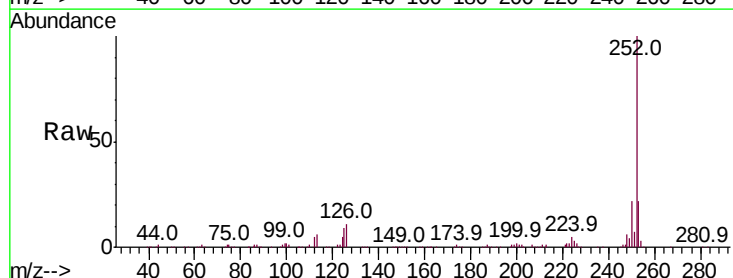
RT: 24.00 min Scan# 3525

Delta R.T. -0.01 min

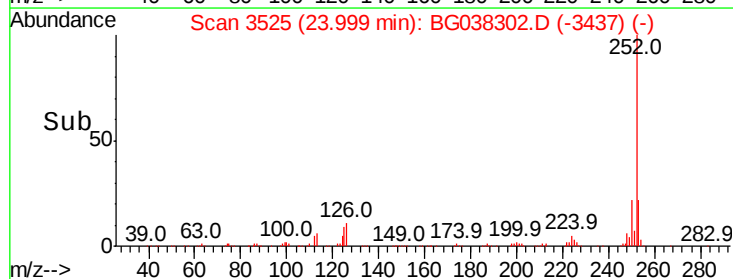
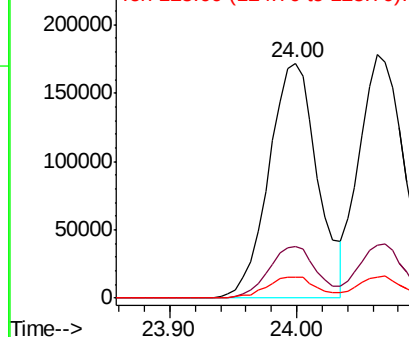
Lab File: BG038302.D

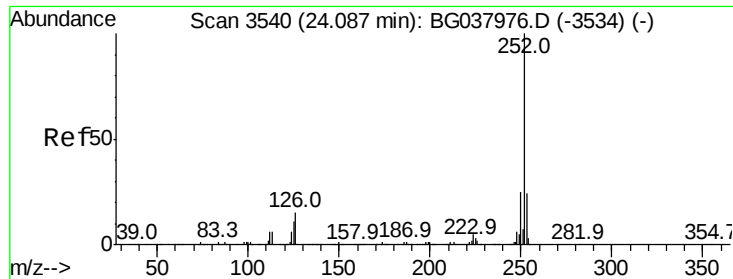
Acq: 2 Dec 2018 00:45

Tgt Ion:	252	Resp:	458930
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.2
125	8.9	7.8	11.6



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





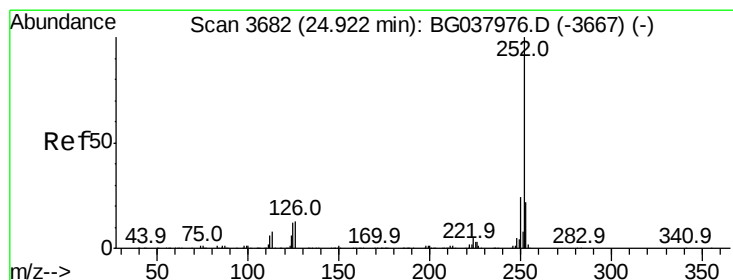
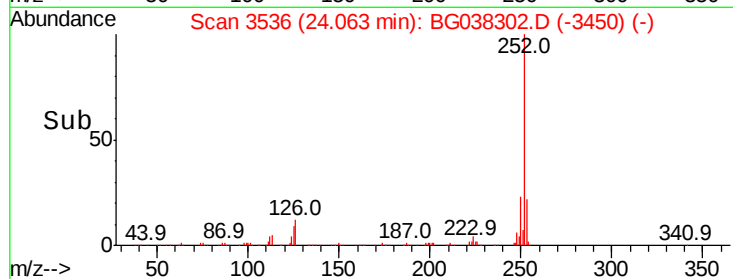
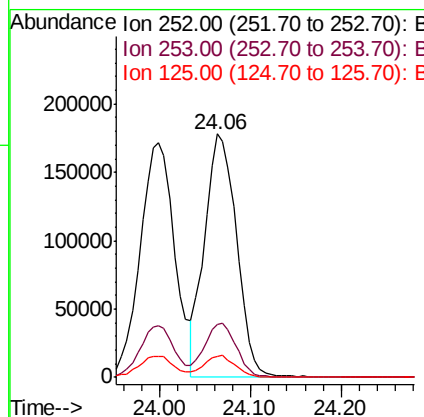
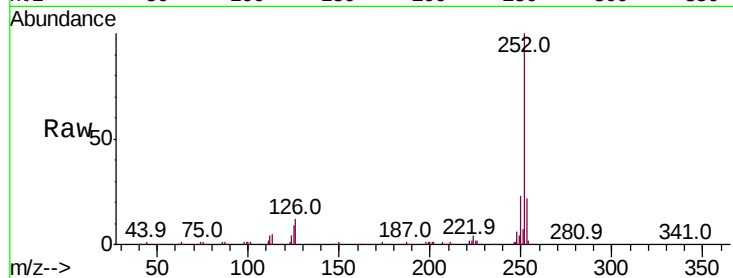
#89
Benzo(k)fluoranthene
Concen: 45.454 ng
RT: 24.06 min Scan# 3536
Delta R.T. -0.02 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	8.7	7.4	11.0

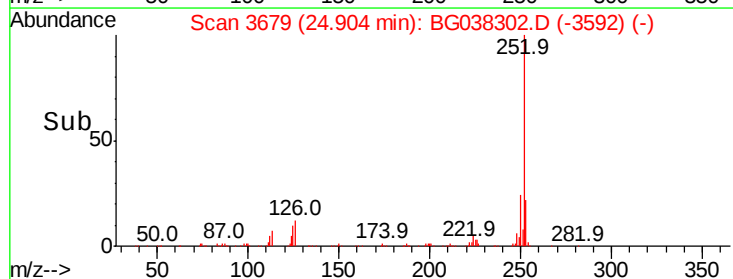
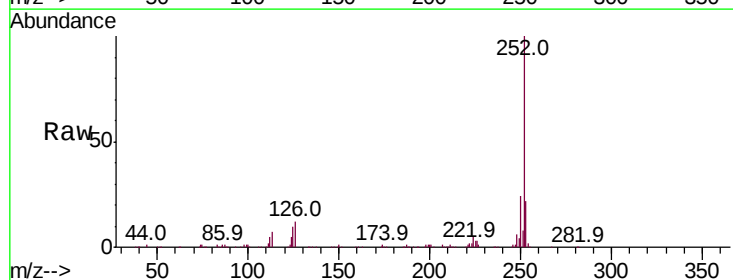
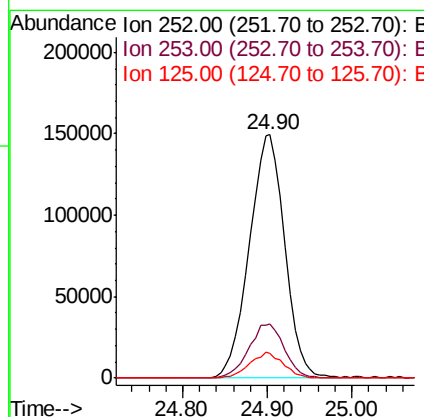
Manual Integrations
APPROVED

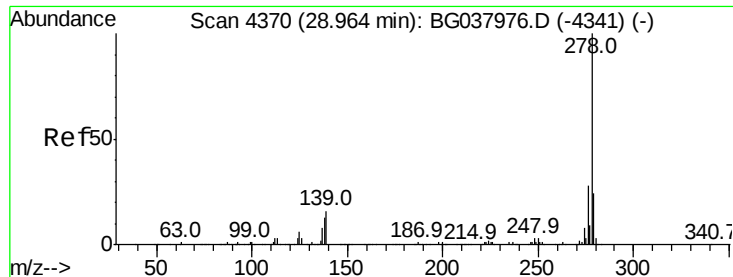
mohammad
12/3/2018 5:13:30 PM



#90
Benzo(a)pyrene
Concen: 47.021 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.02 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.2	9.0	13.6





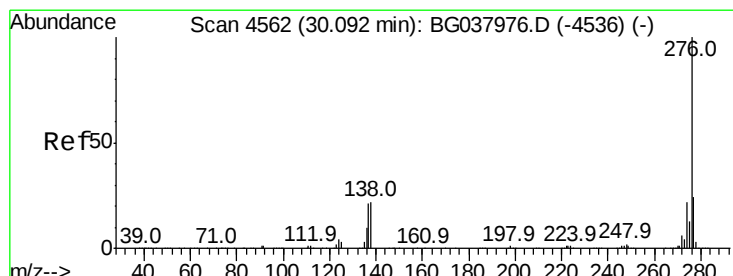
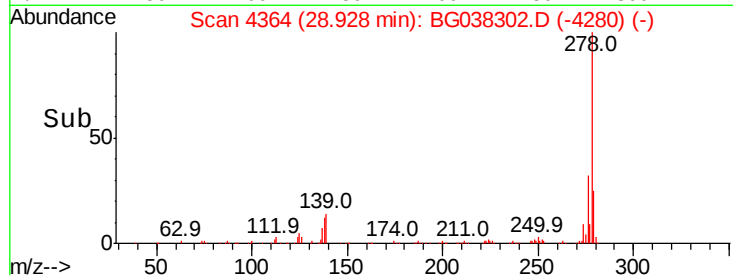
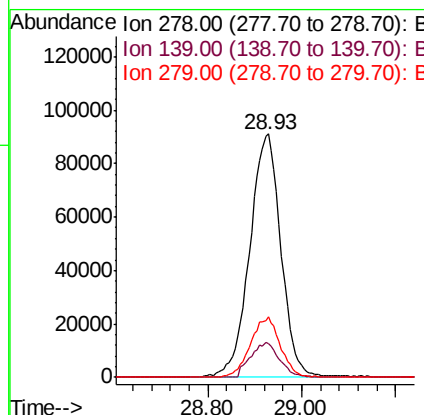
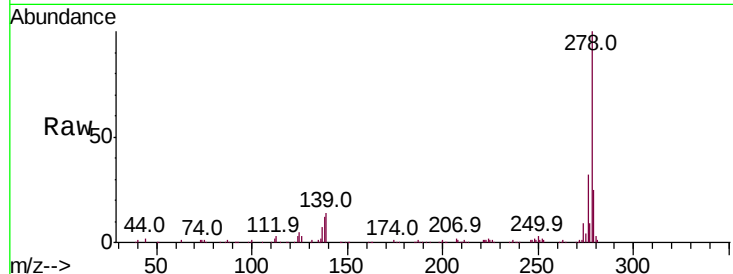
#91
Dibenzo(a,h)anthracene
Concen: 47.248 ng
RT: 28.93 min Scan# 4364
Delta R.T. -0.04 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion:278	Resp:	421040
Ion Ratio	Lower	Upper
278	100	
139	13.8	11.5 17.3
279	24.7	18.6 27.8

Manual Integrations
APPROVED

mohammad
12/3/2018 5:13:30 PM



#92
Benzo(g,h,i)perylene
Concen: 47.401 ng
RT: 30.06 min Scan# 4557
Delta R.T. -0.03 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion:276	Resp:	420003
Ion Ratio	Lower	Upper
276	100	
277	24.0	18.9 28.3
138	17.8	17.2 25.8

