

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038264.D
 Acq On : 30 Nov 2018 19:20
 Operator : JU/SJ
 Sample : J5761-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MSD

Manual Integrations
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Quant Time: Dec 03 04:41:27 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	32121	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	136110	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	83146	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	192559	20.00	ng	0.00
76) Chrysene-d12	21.75	240	180194	20.00	ng	0.00
87) Perylene-d12	25.07	264	174035	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	215595	115.89	ng	0.00
7) Phenol-d6	7.23	99	268523	101.12	ng	0.00
23) Nitrobenzene-d5	9.26	82	219103	86.17	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	116107	122.44	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	458146	80.27	ng	0.00
79) Terphenyl-d14	20.06	244	752761	98.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	29206	33.236	ng	# 1
3) Pyridine	3.93	79	75772	30.228	ng	92
4) n-Nitrosodimethylamine	3.84	42	47329	52.044	ng	81
6) Aniline	7.41	93	26613	7.765	ng	# 96
8) 2-Chlorophenol	7.64	128	106020	49.113	ng	99
9) Benzaldehyde	7.22	77	69461	36.169	ng	99
10) Phenol	7.26	94	107671	38.278	ng	93
11) bis(2-Chloroethyl)ether	7.50	93	100824	43.905	ng	99
12) 1,3-Dichlorobenzene	7.97	146	107171	43.095	ng	99
13) 1,4-Dichlorobenzene	8.12	146	107863	42.937	ng	99
14) 1,2-Dichlorobenzene	8.44	146	104044	43.381	ng	98
15) Benzyl Alcohol	8.33	79	94751	49.309	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	219222	51.410	ng	98
17) 2-Methylphenol	8.52	107	91133	47.921	ng	96
18) Hexachloroethane	9.17	117	39766	43.496	ng	92
19) n-Nitroso-di-n-propylamine	8.88	70	84891	44.179	ng	94
20) 3+4-Methylphenols	8.85	107	122618	45.483	ng	98
22) Acetophenone	8.91	105	159924	47.224	ng	# 97
24) Nitrobenzene	9.31	77	129047	49.613	ng	95
25) Isophorone	9.82	82	237820	51.965	ng	96
26) 2-Nitrophenol	10.01	139	60938	46.929	ng	94
27) 2,4-Dimethylphenol	10.06	122	105723	54.038	ng	95
28) bis(2-Chloroethoxy)methane	10.30	93	140496	48.009	ng	97
29) 2,4-Dichlorophenol	10.54	162	110425	50.179	ng	97
30) 1,2,4-Trichlorobenzene	10.76	180	112938	45.798	ng	96
31) Naphthalene	10.95	128	333748	49.853	ng	98
32) Benzoic acid	10.16	122	18234m	23.088	ng	
33) 4-Chloroaniline	11.07	127	7100	2.280	ng	# 89
34) Hexachlorobutadiene	11.22	225	68391	45.062	ng	100
35) Caprolactam	11.84	113	24519	27.836	ng	94
36) 4-Chloro-3-methylphenol	12.17	107	118216	49.171	ng	99
37) 2-Methylnaphthalene	12.55	142	245616	51.077	ng	98
38) 1-Methylnaphthalene	12.77	142	234861	50.740	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	128155	46.126	ng	99

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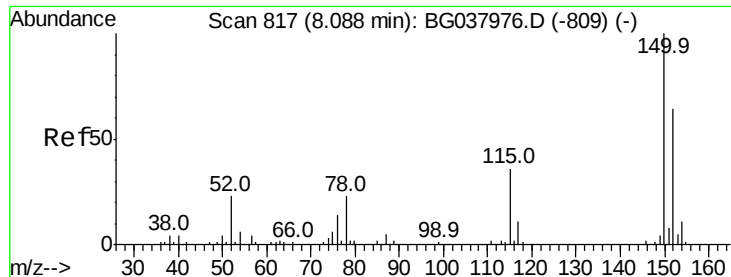
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	132635	89.152	nq	99
43) 2,4,6-Trichlorophenol	13.15	196	91065	48.099	nq	98
44) 2,4,5-Trichlorophenol	13.23	196	93618	46.995	nq	97
46) 1,1'-Biphenyl	13.55	154	314534	45.029	nq	99
47) 2-Chloronaphthalene	13.60	162	249658	46.838	nq	99
48) 2-Nitroaniline	13.81	65	87823	52.351	nq	97
49) Acenaphthylene	14.45	152	408688	50.987	nq	99
50) Dimethylphthalate	14.17	163	319650	48.494	nq	100
51) 2,6-Dinitrotoluene	14.30	165	72759	48.771	nq	95
52) Acenaphthene	14.78	154	234667	48.630	nq	99
53) 3-Nitroaniline	14.64	138	10700	6.500	nq	95
54) 2,4-Dinitrophenol	14.84	184	7632	17.663	nq	98
55) Dibenzofuran	15.12	168	382794	47.973	nq	96
56) 4-Nitrophenol	14.93	139	68908	54.274	nq	88
57) 2,4-Dinitrotoluene	15.08	165	100445	49.485	nq	97
58) Fluorene	15.76	166	307563	51.661	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	79400	47.633	nq	99
60) Diethylphthalate	15.52	149	329785	47.104	nq	98
61) 4-Chlorophenyl-phenylether	15.75	204	162267	46.580	nq	98
62) 4-Nitroaniline	15.80	138	74831	45.758	nq	95
63) Azobenzene	16.05	77	313289	50.047	nq	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	13802	11.332	nq	89
66) n-Nitrosodiphenylamine	15.97	169	278336	47.779	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	102587	48.539	nq	98
68) Hexachlorobenzene	16.76	284	103543	47.463	nq	98
69) Atrazine	16.91	200	101304	47.174	nq	99
70) Pentachlorophenol	17.11	266	54260	36.622	nq	96
71) Phenanthrene	17.51	178	503322	51.053	nq	99
72) Anthracene	17.60	178	515265	53.021	nq	100
73) Carbazole	17.87	167	463098	47.496	nq	99
74) Di-n-butylphthalate	18.40	149	560567	51.217	nq	98
75) Fluoranthene	19.51	202	591495	52.586	nq	98
77) Benzidine	19.70	184	42593	6.736	nq	96
78) Pyrene	19.88	202	602875	51.173	nq	98
80) Butylbenzylphthalate	20.75	149	248776	48.286	nq	99
81) Benzo(a)anthracene	21.73	228	564236	51.816	nq	99
82) 3,3'-Dichlorobenzidine	21.64	252	43967	10.365	nq	96
83) Chrysene	21.80	228	531700	51.033	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	354004	48.181	nq	97
85) Di-n-octyl phthalate	22.83	149	579102	48.719	nq	99
86) Indeno(1,2,3-cd)pyrene	28.87	276	398213	34.413	nq	# 84
88) Benzo(b)fluoranthene	24.00	252	521602	54.463	nq	99
89) Benzo(k)fluoranthene	24.08	252	532530	56.350	nq	99
90) Benzo(a)pyrene	24.91	252	499646	54.590	nq	98
91) Dibenzo(a,h)anthracene	28.94	278	298770	33.926	nq	99
92) Benzo(g,h,i)perylene	30.06	276	316174	36.107	nq	96

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



#1

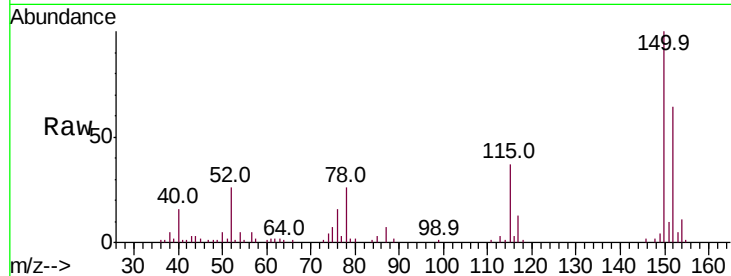
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.0	189.0
115	57.9	45.5	68.3

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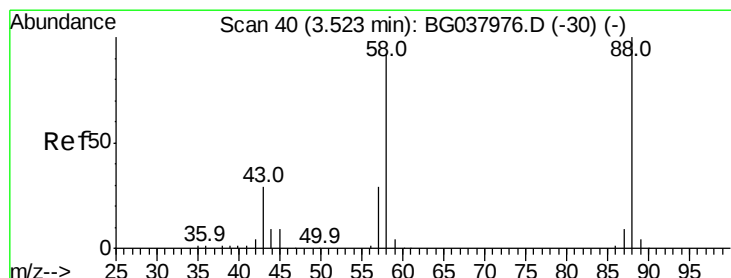
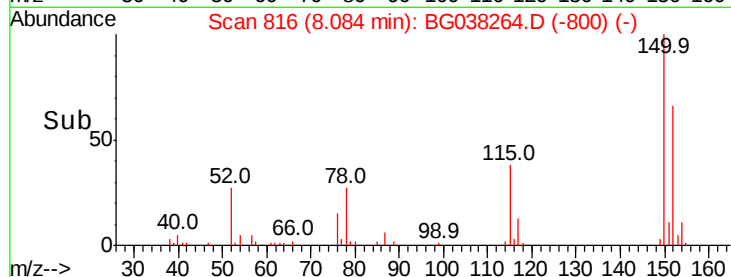
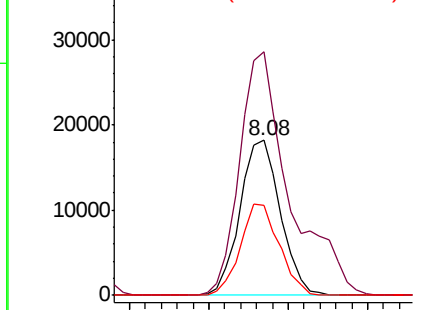


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

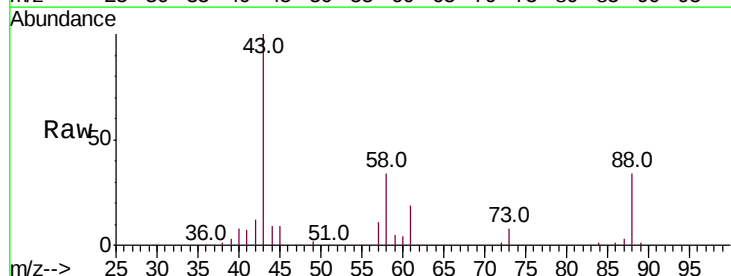
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.236 ng
RT: 3.52 min Scan# 40
Delta R.T. 0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.2	74.4	111.6
43	310.0	25.8	38.8#

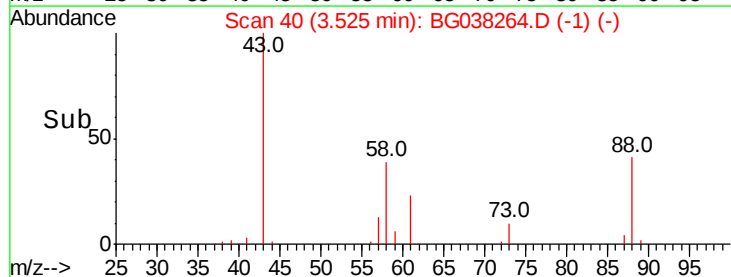
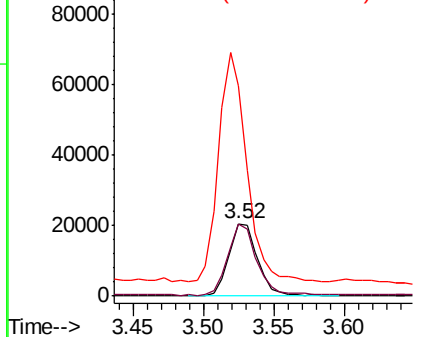


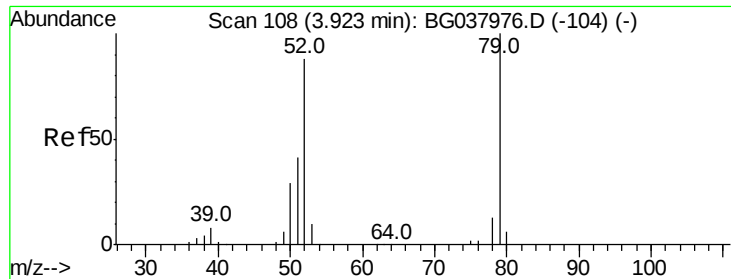
Abundance

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





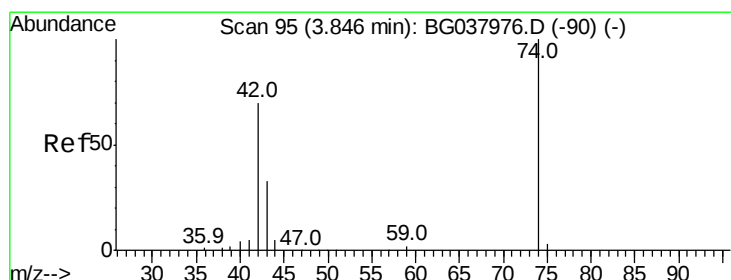
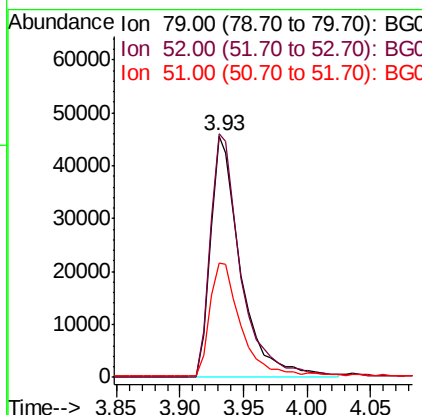
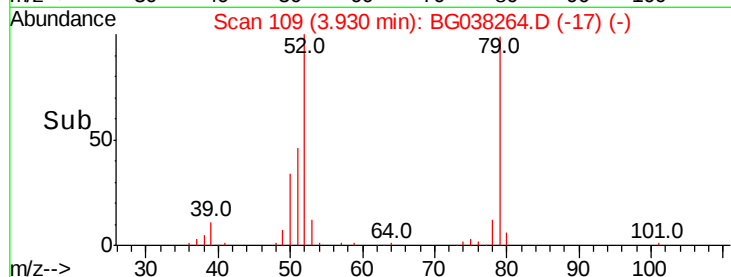
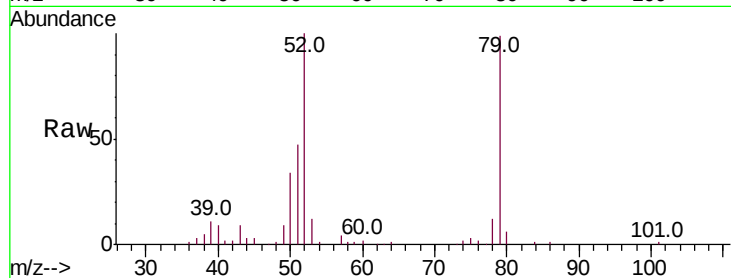
#3
 Pvridine
 Concen: 30.228 ng
 RT: 3.93 min Scan# 109
 Delta R.T. 0.01 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	101.0	74.2	111.2
51	47.7	34.6	51.8

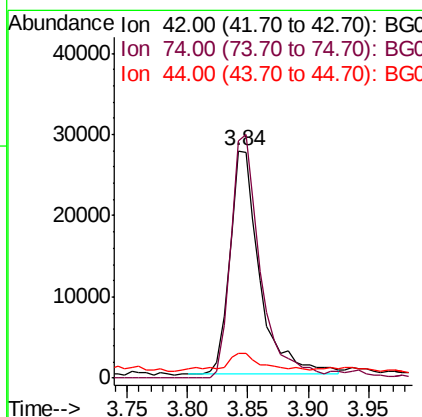
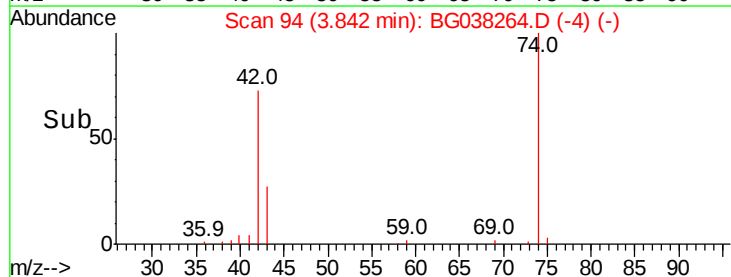
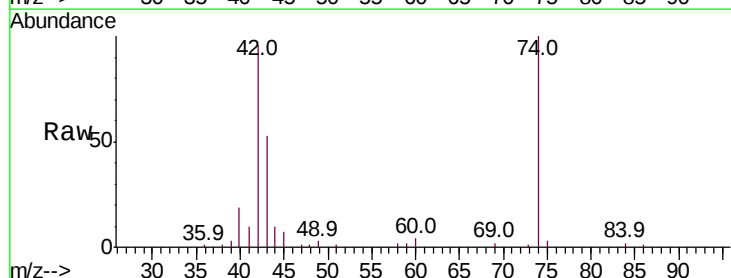
Manual Integrations
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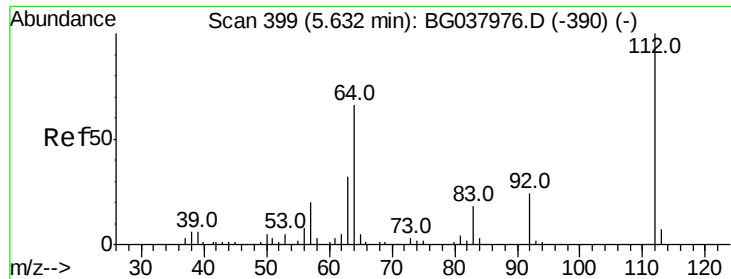
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#4
 n-Nitrosodimethylamine
 Concen: 52.044 ng
 RT: 3.84 min Scan# 94
 Delta R.T. -0.00 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	104.3	102.0	153.0
44	10.7	9.6	14.4





#5

2-Fluorophenol

Concen: 115.886 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Instrument :

BNA_G

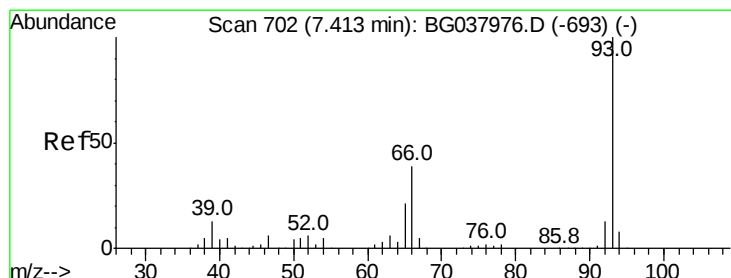
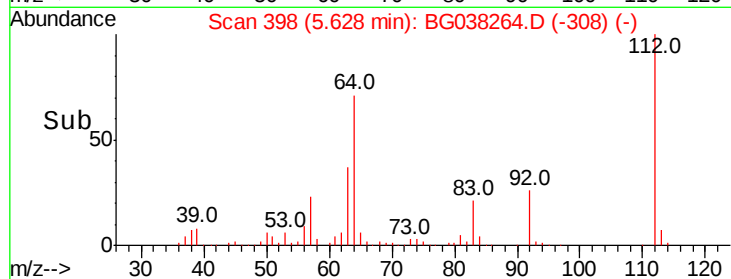
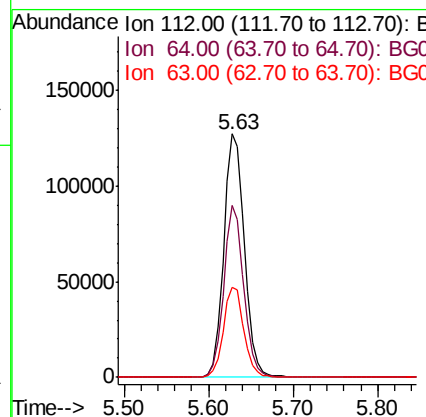
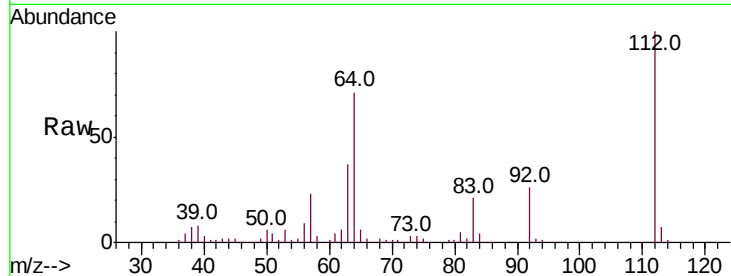
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
112	100		
64	70.6	53.1	79.7
63	37.0	27.3	40.9

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#6

Aniline

Concen: 7.765 ng

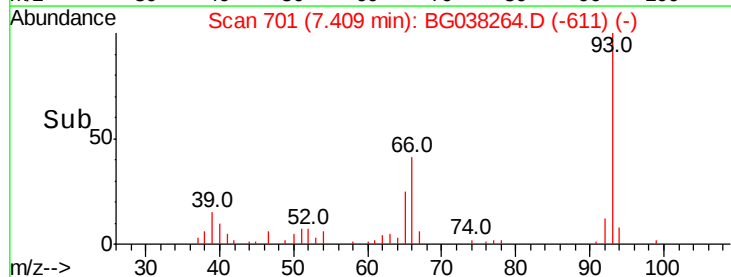
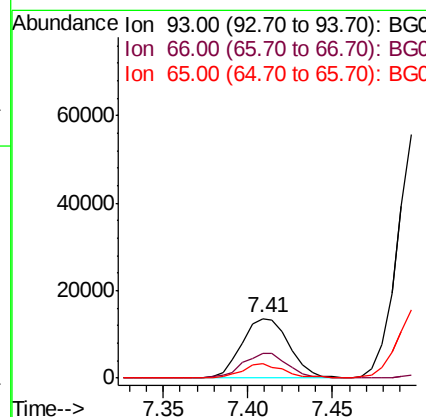
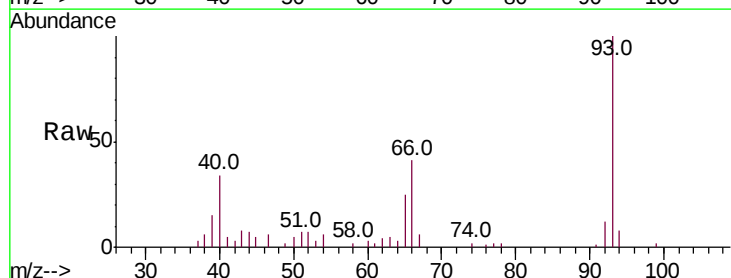
RT: 7.41 min Scan# 701

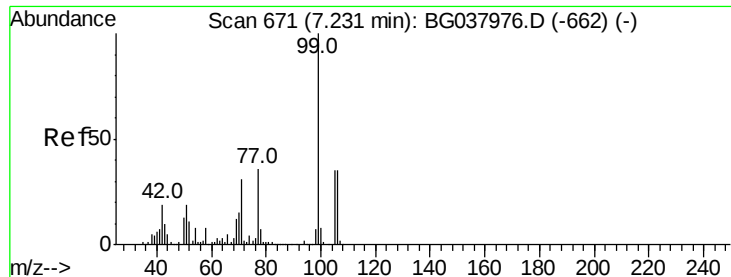
Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.3	32.8	49.2
65	25.3	16.4	24.6





#7

Phenol-d6

Concen: 101.115 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Instrument :

BNA_G

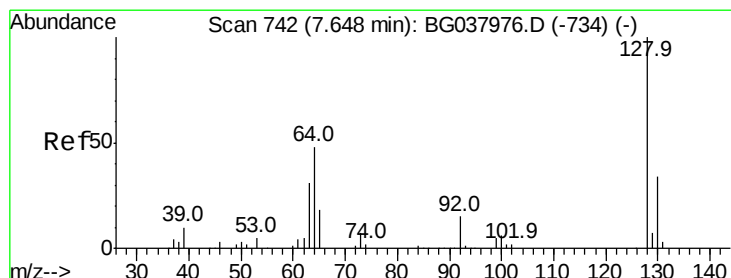
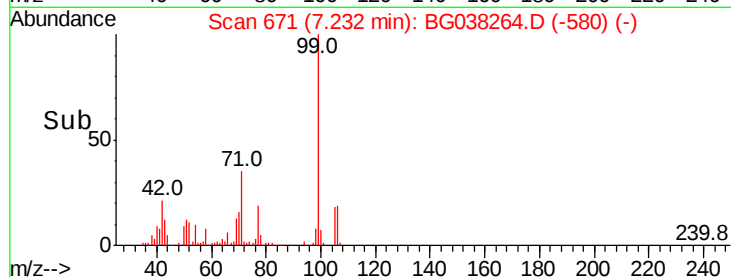
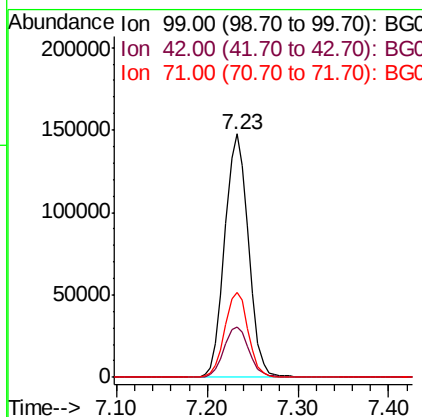
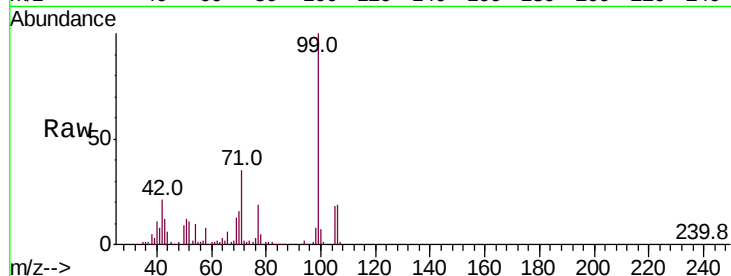
ClientSampleId :

AU-06-112918MSD

Tot Ion:	99	Resp:	268523
Ion Ratio	Lower	Upper	
99	100		
42	20.8	15.0	22.4
71	34.8	25.5	38.3

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#8

2-Chlorophenol

Concen: 49.113 ng

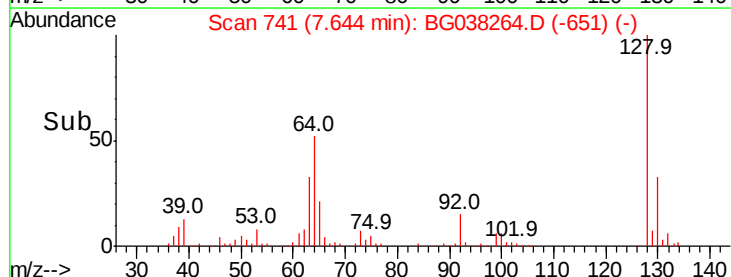
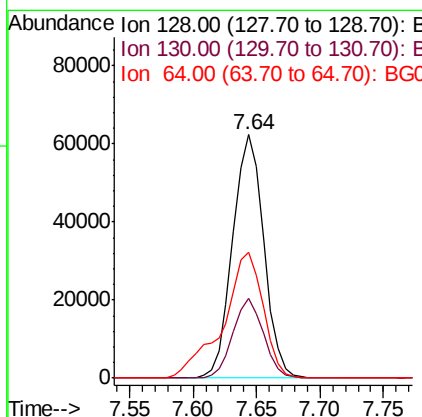
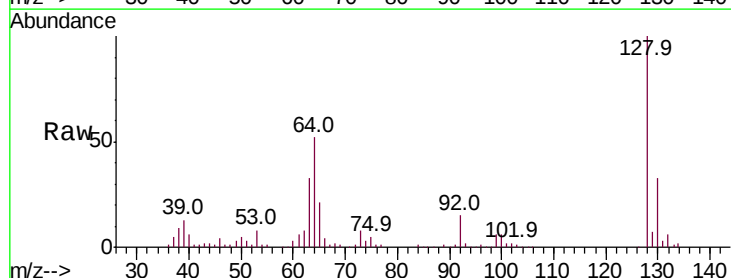
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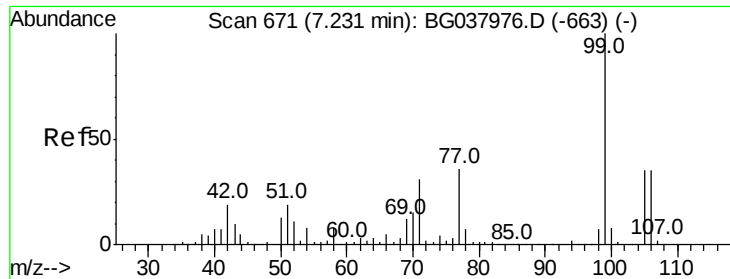
Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Tgt Ion:	128	Resp:	106020
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.0	52.0
64	51.8	32.9	72.9





#9

Benzaldehyde

Concen: 36.169 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Instrument :

BNA_G

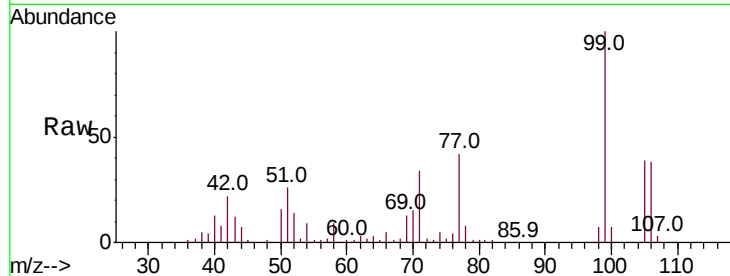
ClientSampleId :

AU-06-112918MSD

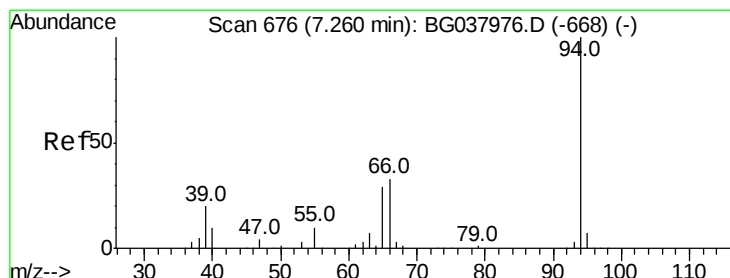
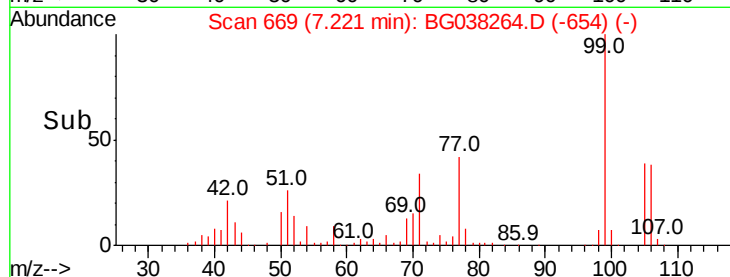
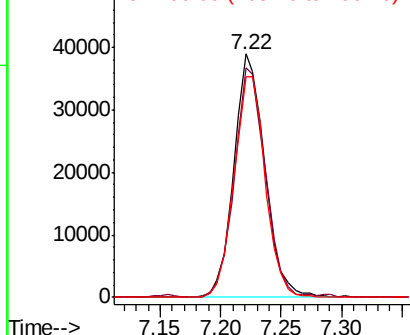
Tot Ion:	77	Resp:	69461
Ion	Ratio	Lower	Upper
77	100		
105	94.1	72.6	112.6
106	90.4	71.3	111.3

Manual Integrations
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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: 38.278 ng

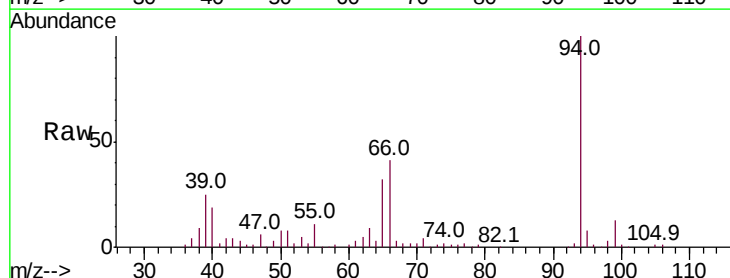
RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

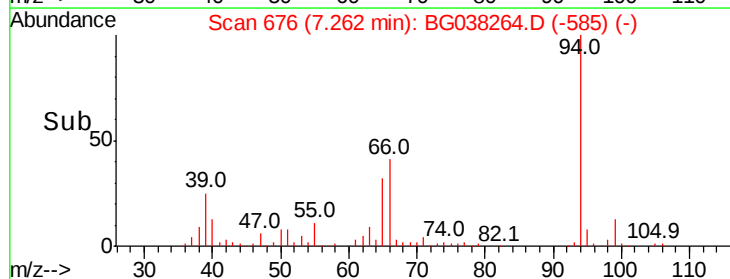
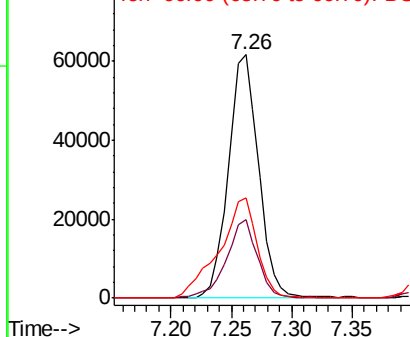
Lab File: BG038264.D

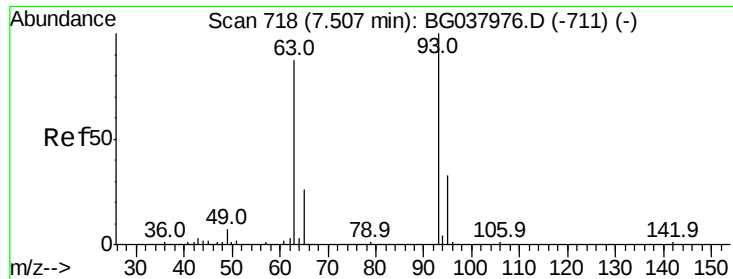
Acq: 30 Nov 2018 19:20

Tgt Ion:	94	Resp:	107671
Ion	Ratio	Lower	Upper
94	100		
65	32.1	9.7	49.7
66	41.4	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





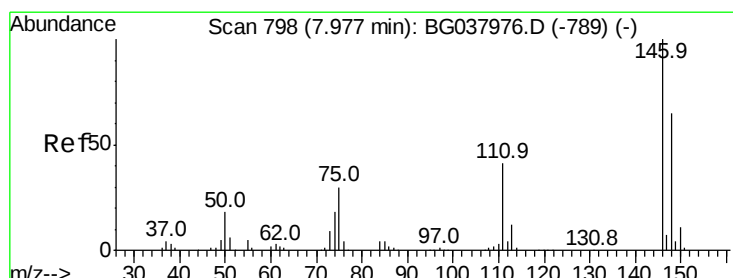
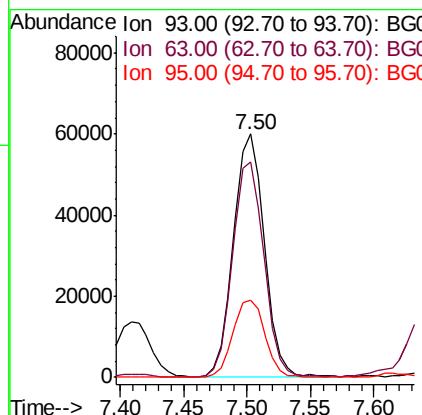
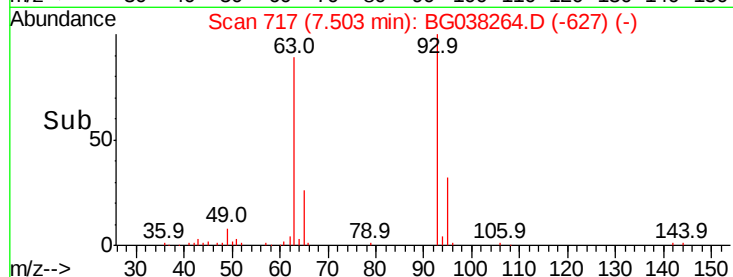
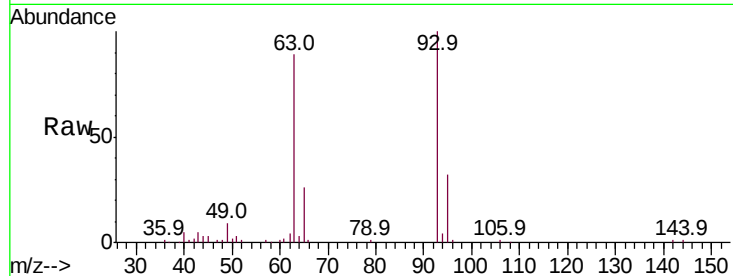
#11
bis(2-Chloroethyl)ether
Concen: 43.905 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.6	69.5	109.5
95	31.9	12.6	52.6

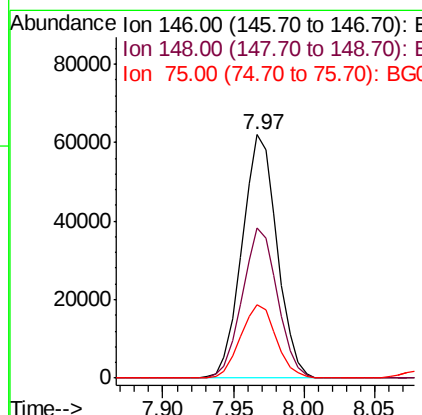
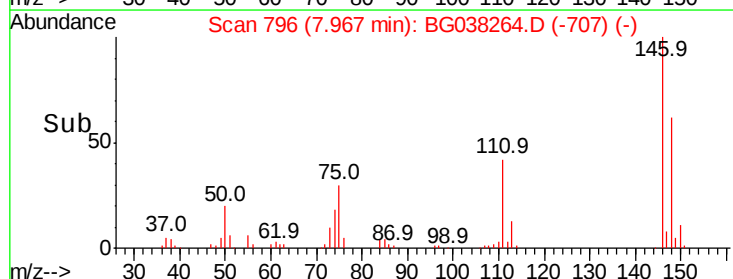
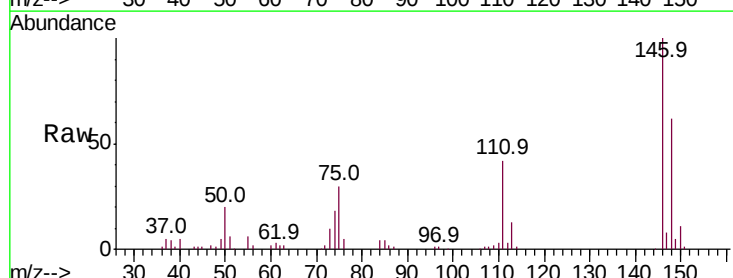
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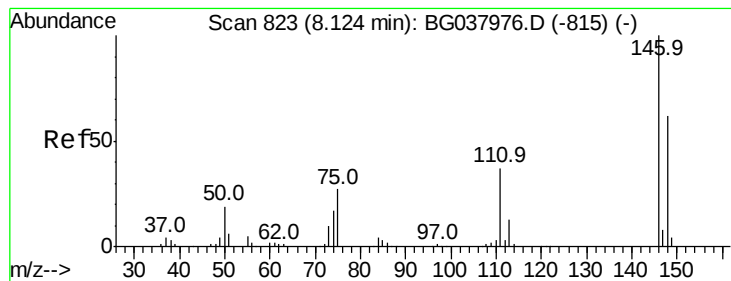
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.095 ng
RT: 7.97 min Scan# 796
Delta R.T. -0.01 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	49.8	74.8
75	30.0	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 42.937 ng

RT: 8.12 min Scan# 822

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Instrument :

BNA_G

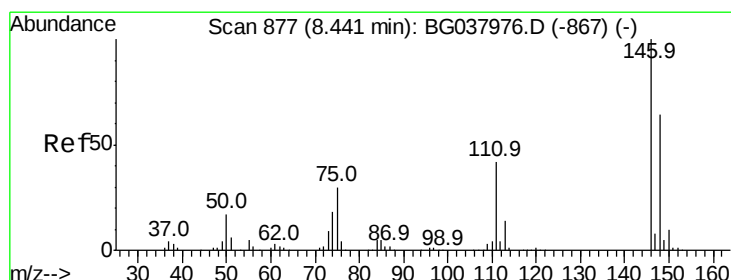
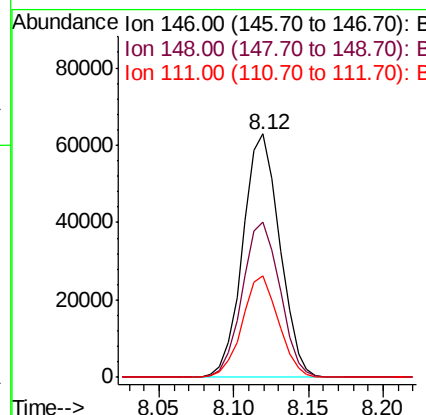
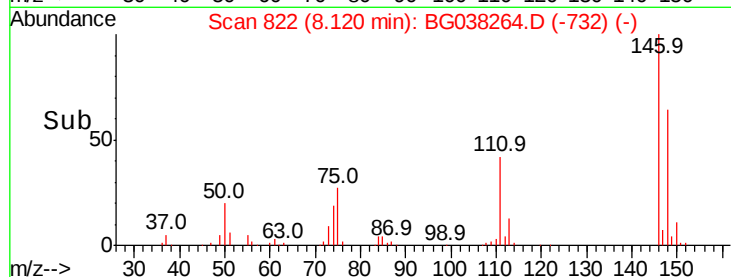
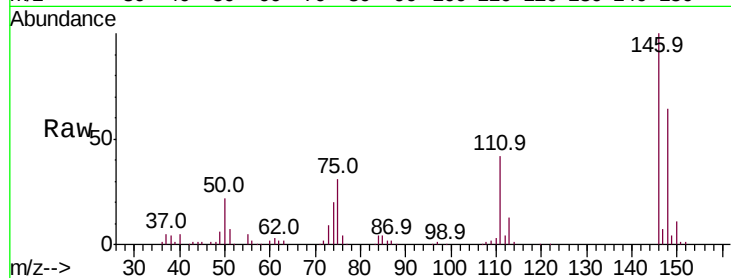
ClientSampleId :

AU-06-112918MSD

Tot Ion:	146	Resp:	107863
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.0	76.6
111	41.8	32.4	48.6

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#14

1,2-Dichlorobenzene

Concen: 43.381 ng

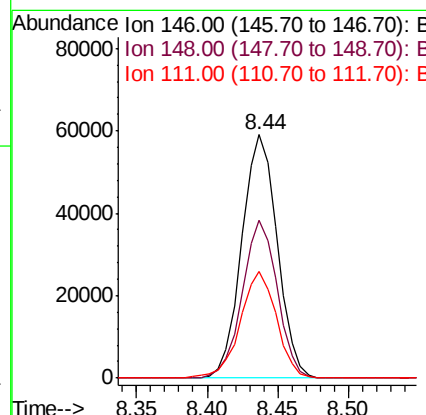
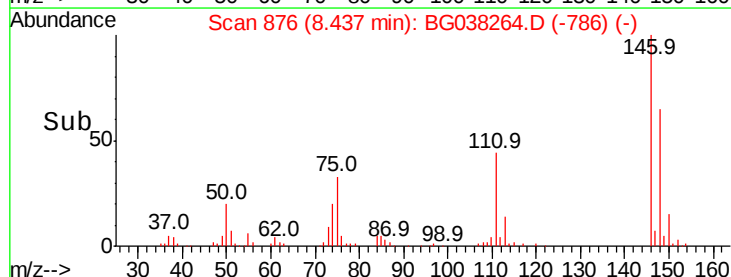
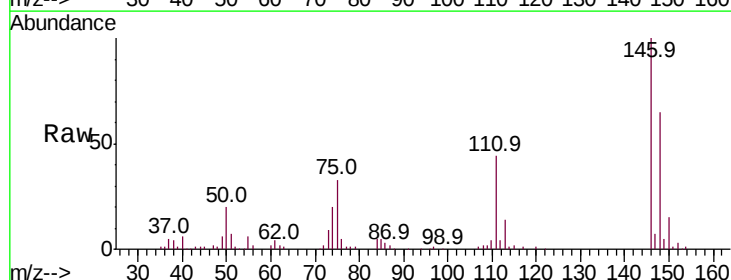
RT: 8.44 min Scan# 876

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Tgt Ion:	146	Resp:	104044
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.4	75.6
111	43.8	34.6	51.8





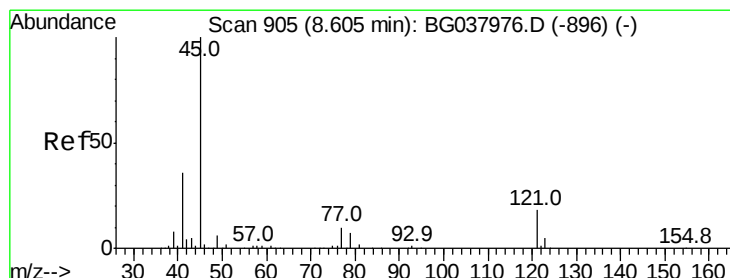
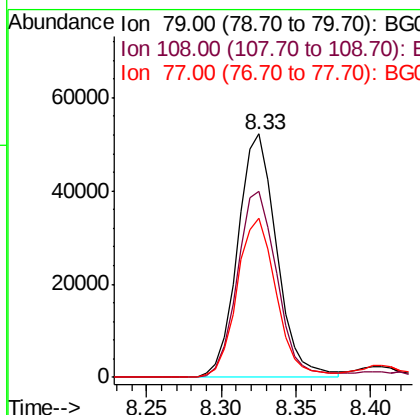
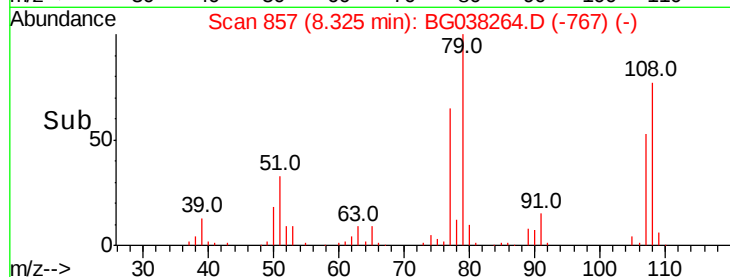
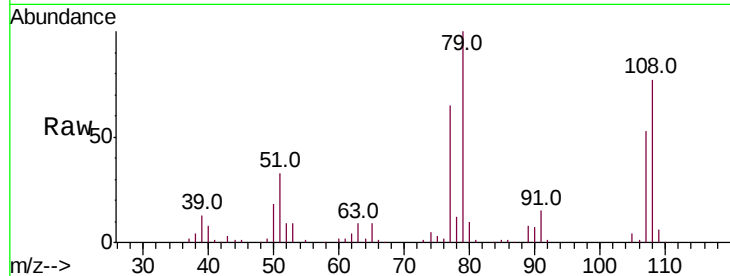
#15
Benzyl Alcohol
Concen: 49.309 ng
RT: 8.33 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.6	65.8	98.8
77	65.5	52.9	79.3

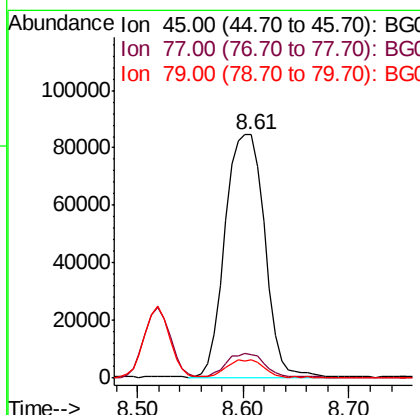
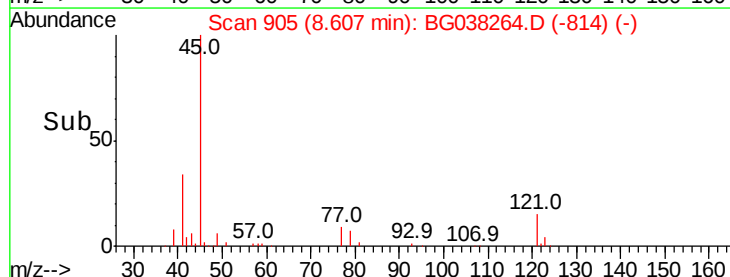
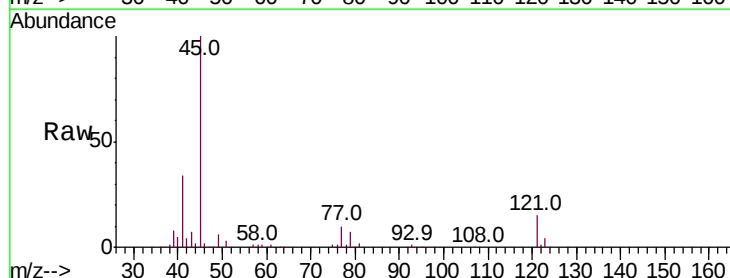
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.410 ng
RT: 8.61 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.8	0.0	30.0
79	7.4	0.0	29.0





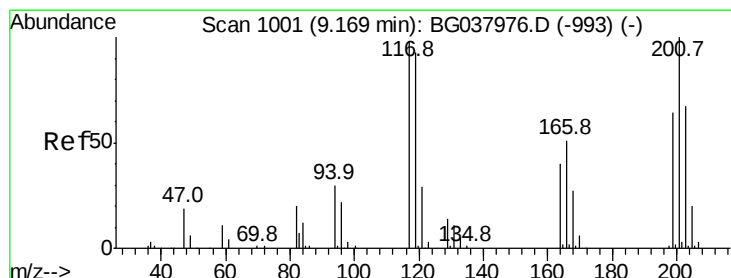
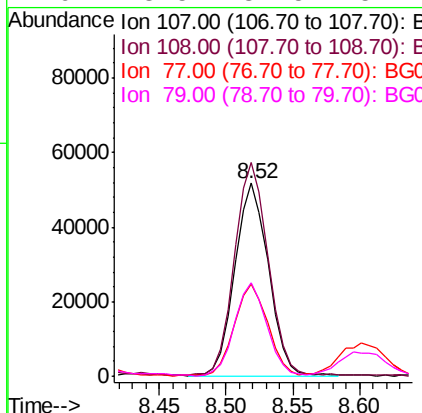
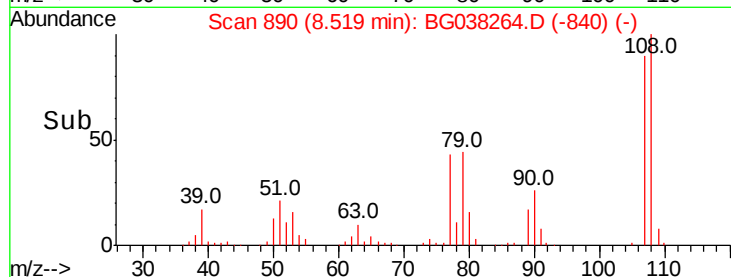
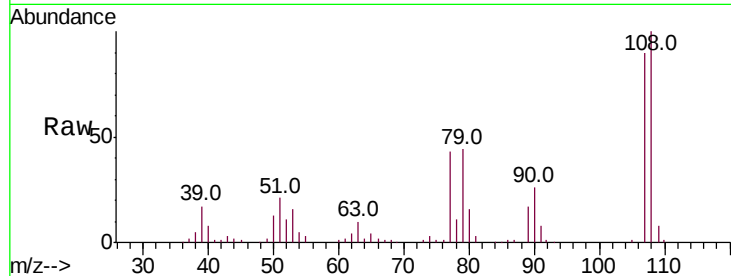
#17
2-Methylphenol
Concen: 47.921 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.7	87.9	131.9
77	47.9	35.1	52.7
79	48.5	34.5	51.7

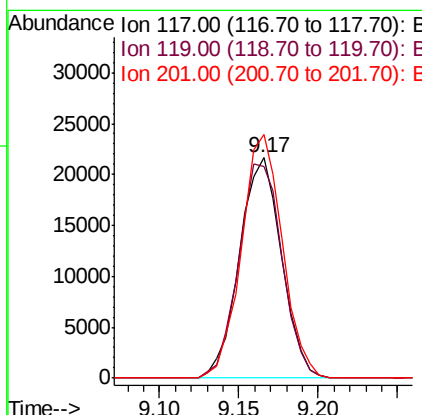
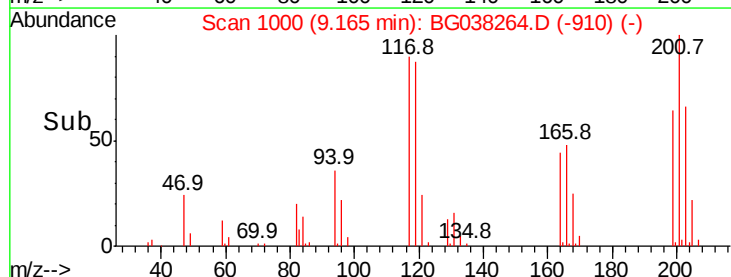
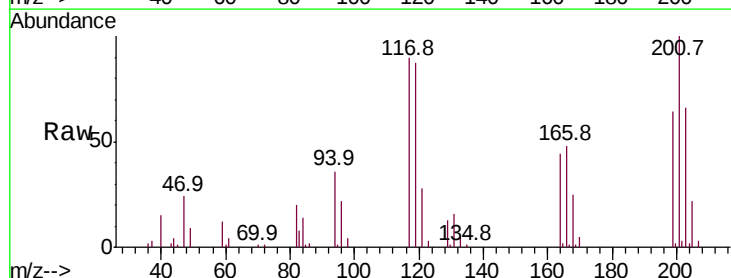
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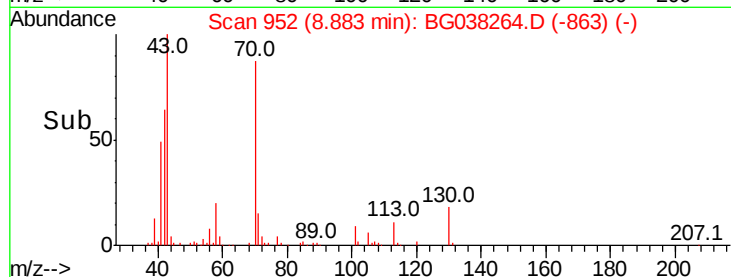
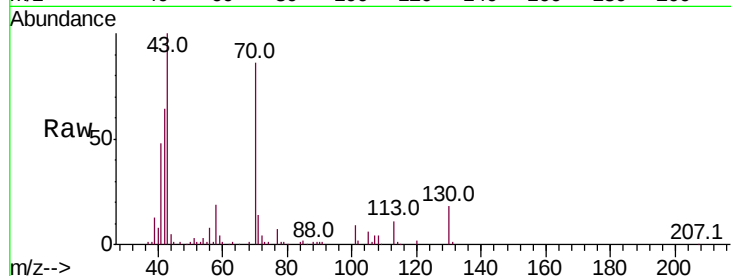
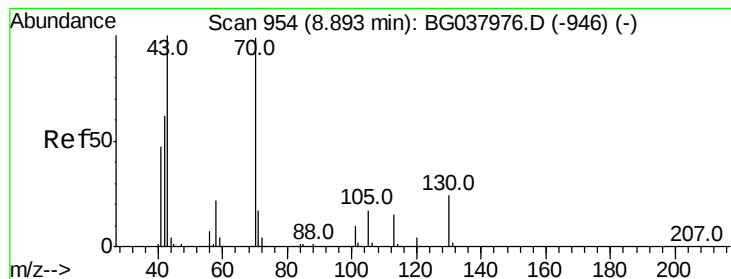
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#18
Hexachloroethane
Concen: 43.496 ng
RT: 9.17 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	74.6	111.8
201	114.0	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 44.179 ng

RT: 8.88 min Scan# 952

Delta R.T. -0.01 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Instrument :

BNA_G

ClientSampleId :

AU-06-112918MSD

Tot Ion: 70 Resp: 84891

Ion Ratio Lower Upper

70 100

42 73.9 53.9 80.9

101 10.7 8.2 12.2

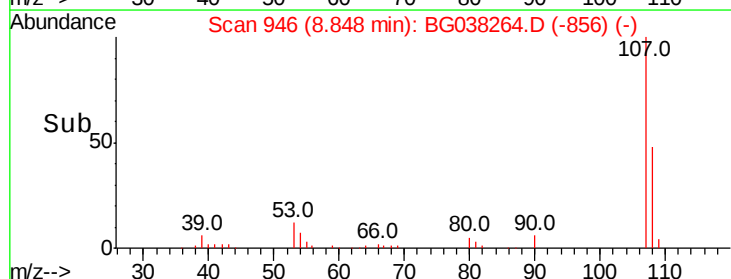
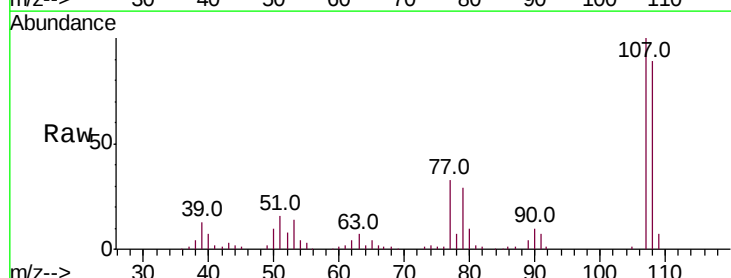
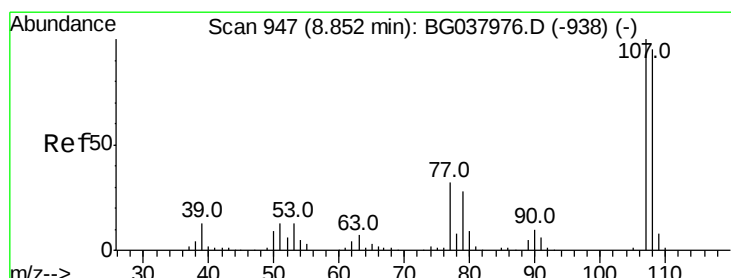
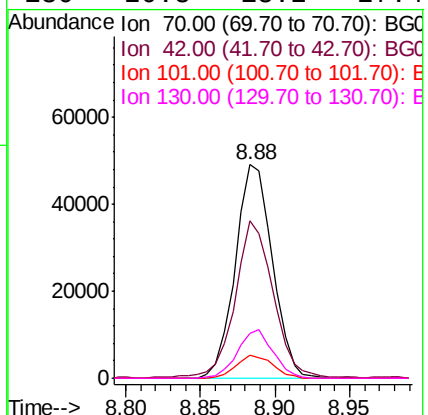
130 20.8 18.2 27.4

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#20

3+4-Methylphenols

Concen: 45.483 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Tgt Ion: 107 Resp: 122618

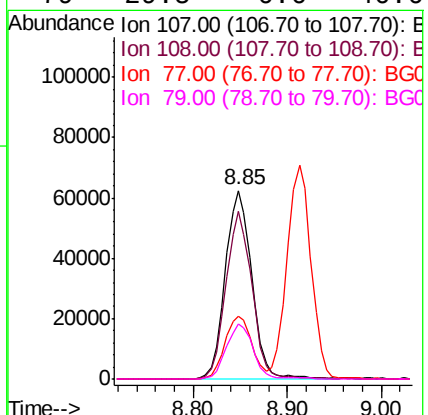
Ion Ratio Lower Upper

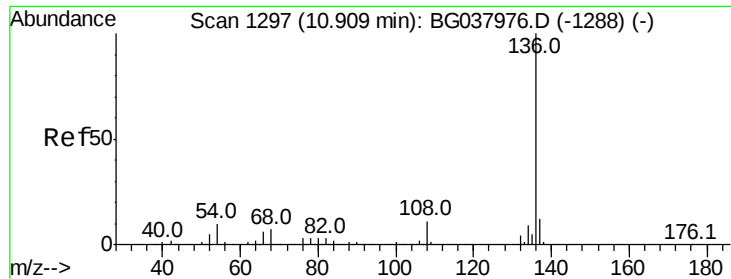
107 100

108 89.4 69.9 109.9

77 33.1 11.2 51.2

79 29.5 6.6 46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Instrument :

BNA_G

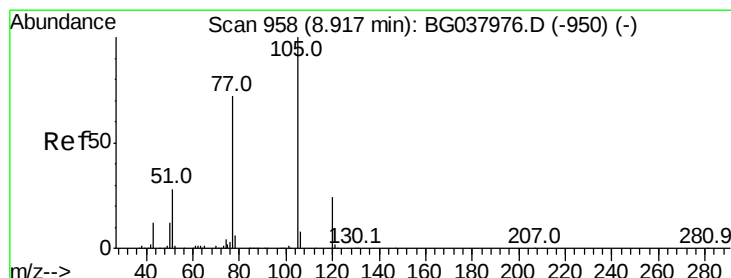
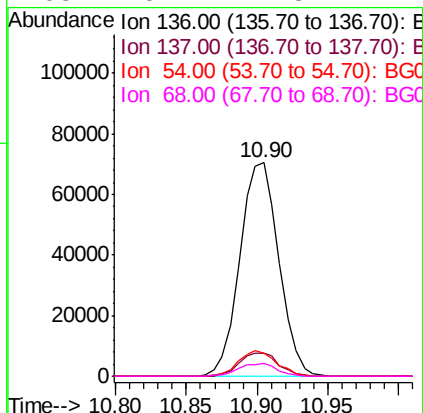
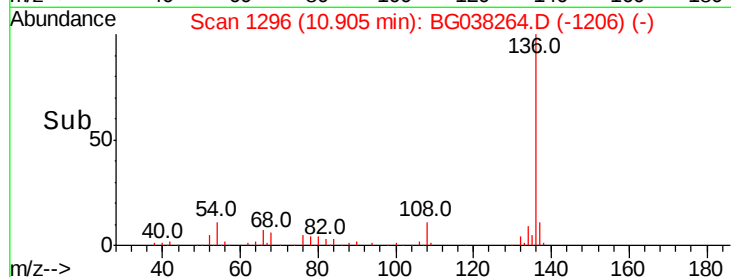
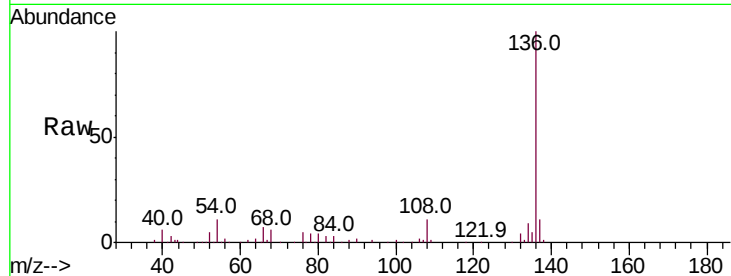
ClientSampleId :

AU-06-112918MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	136110		
137	10.8		9.6	14.4
54	11.0		7.9	11.9
68	6.2		4.8	7.2

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#22

Acetophenone

Concen: 47.224 ng

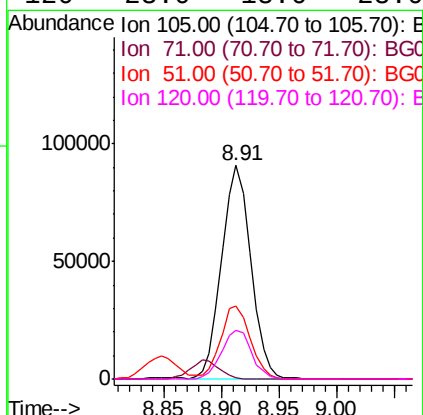
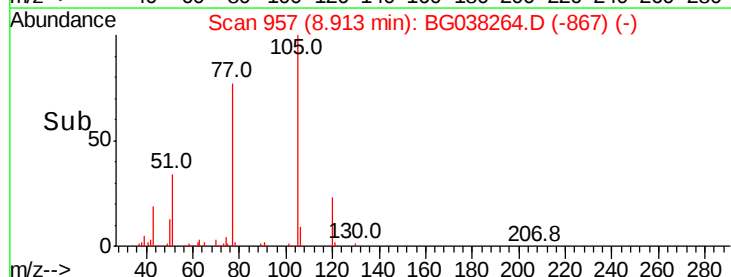
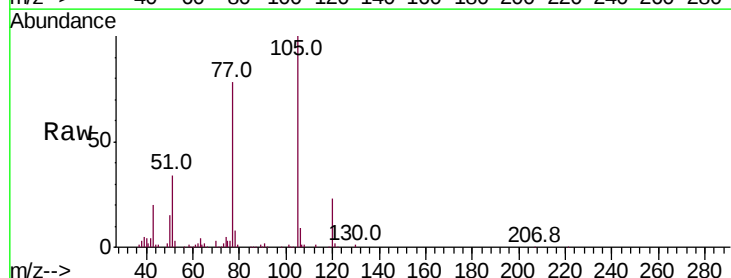
RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	159924		
71	0.4		1.2	1.8#
51	34.2		25.0	37.6
120	23.0		18.6	28.0





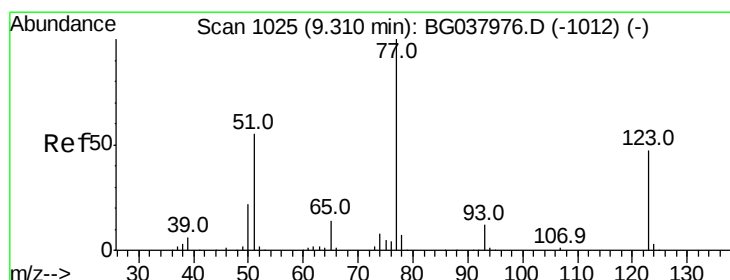
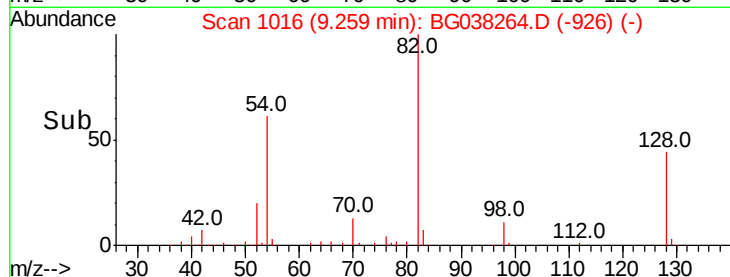
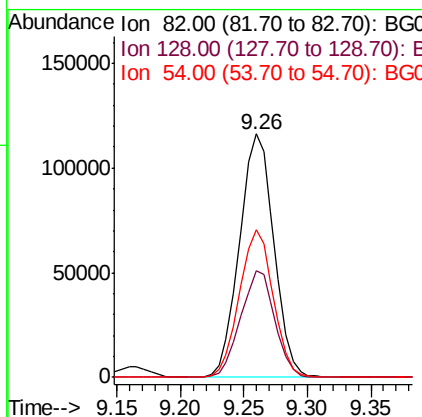
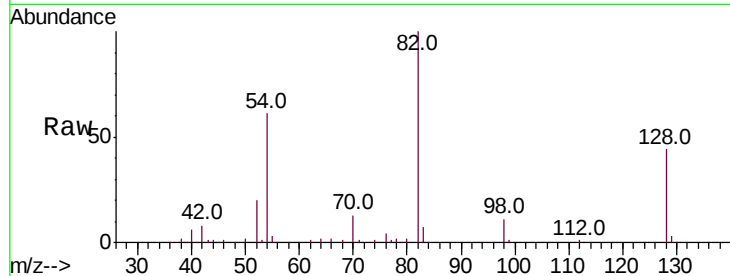
#23
Nitrobenzene-d5
Concen: 86.170 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	51.8
54	60.8	45.3	67.9

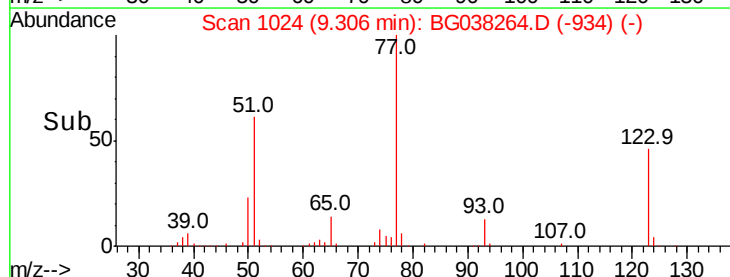
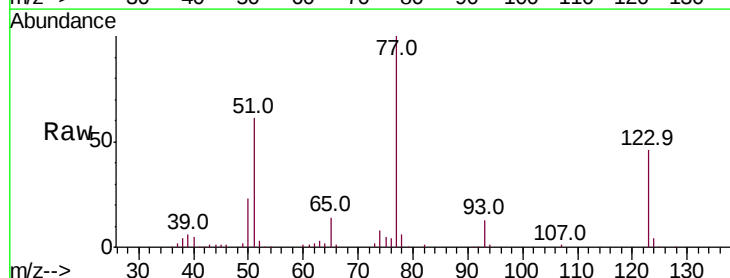
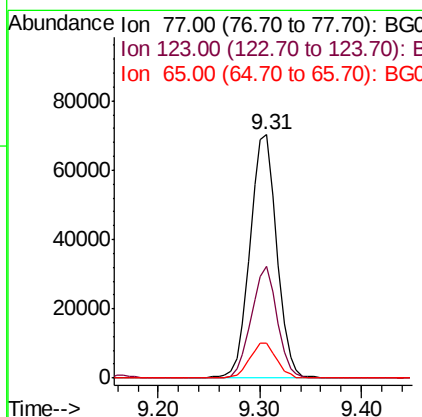
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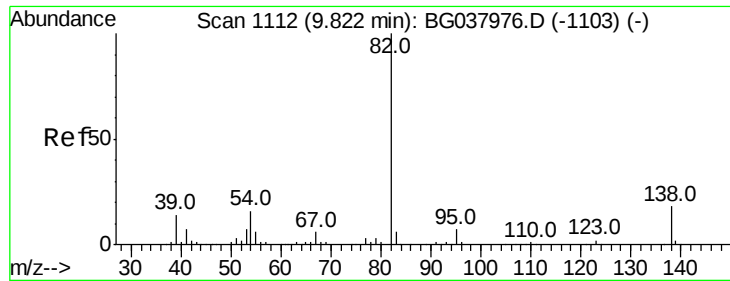
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#24
Nitrobenzene
Concen: 49.613 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.0	33.6	50.4
65	14.2	11.3	16.9





#25

Isophorone

Concen: 51.965 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Instrument :

BNA_G

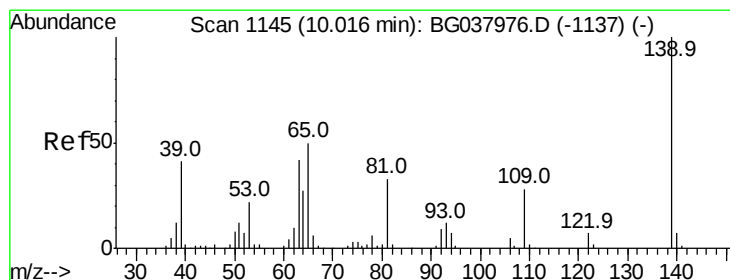
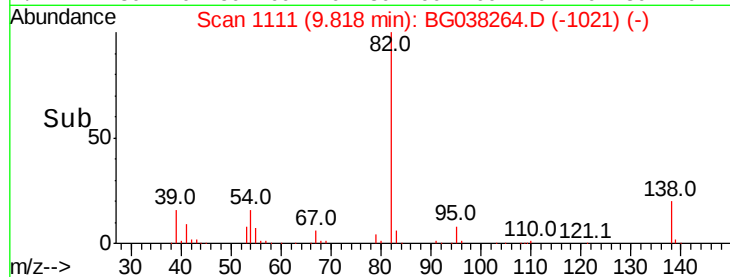
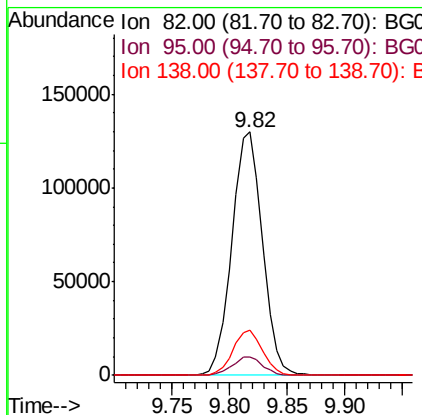
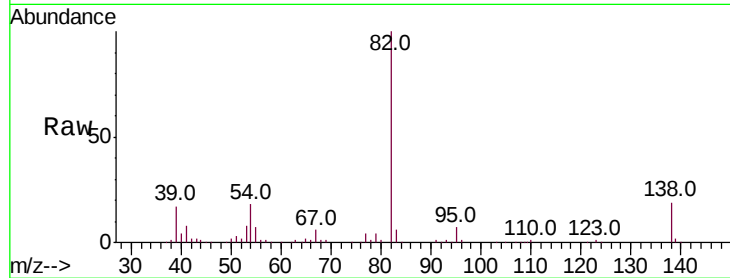
ClientSampleId :

AU-06-112918MSD

Tot Ion:	82	Resp:	237820
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.3	7.9
138	18.6	13.3	19.9

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#26

2-Nitrophenol

Concen: 46.929 ng

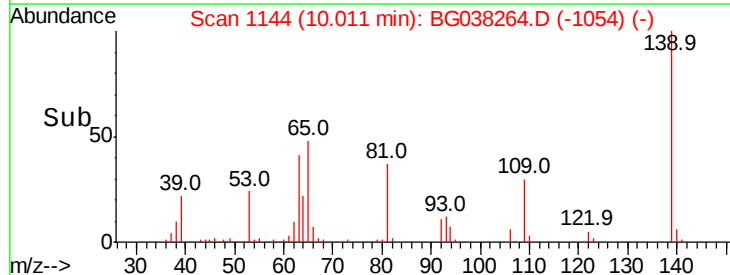
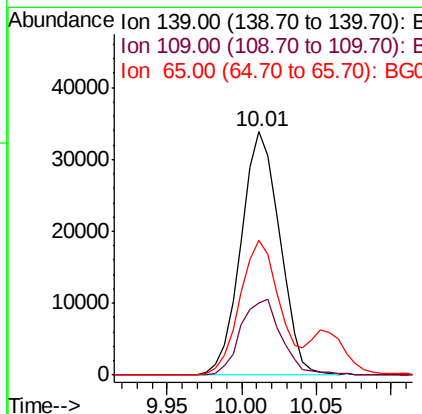
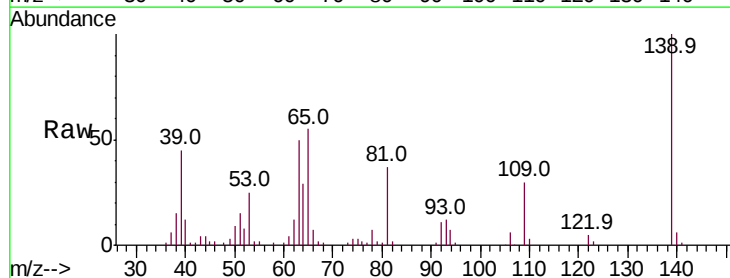
RT: 10.01 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Tgt Ion:	139	Resp:	60938
Ion Ratio	Lower	Upper	
139	100		
109	29.8	23.3	34.9
65	55.5	39.8	59.8





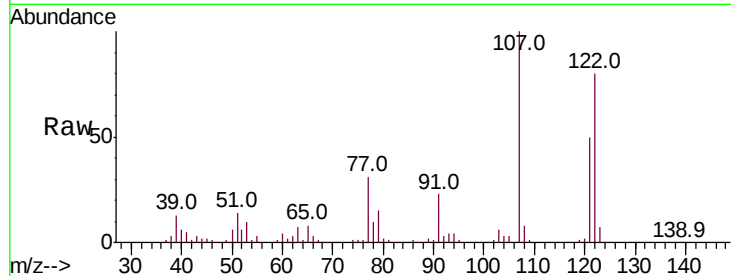
#27
 2,4-Dimethylphenol
 Concen: 54.038 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.3	94.2	141.2
121	62.1	47.3	70.9

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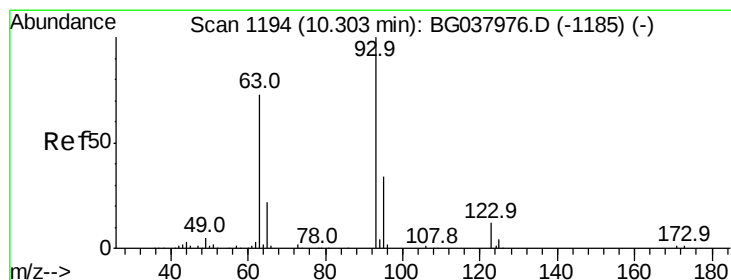
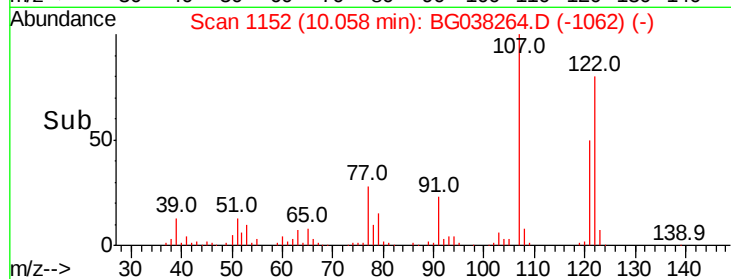
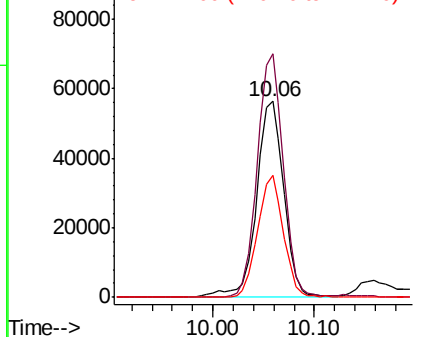


Abundance

Ion 122.00 (121.70 to 122.70): E

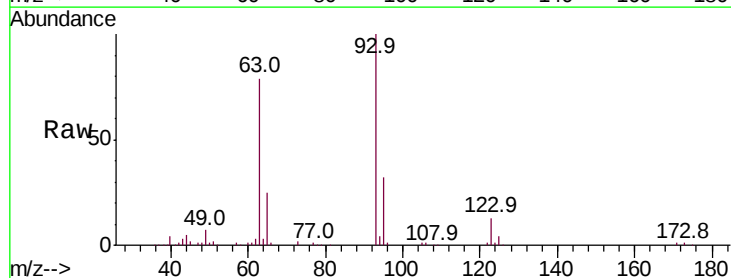
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.009 ng
 RT: 10.30 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	24.6	37.0
123	12.5	9.1	13.7

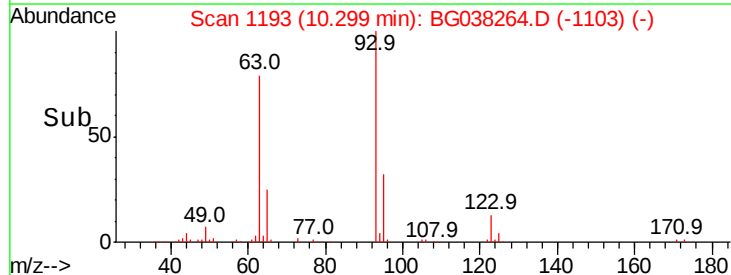
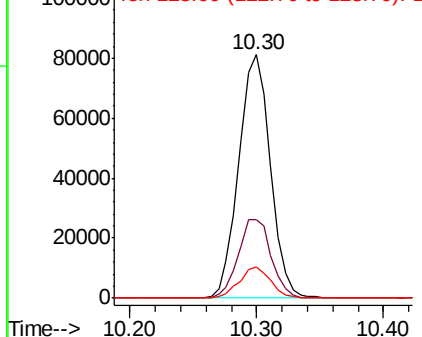


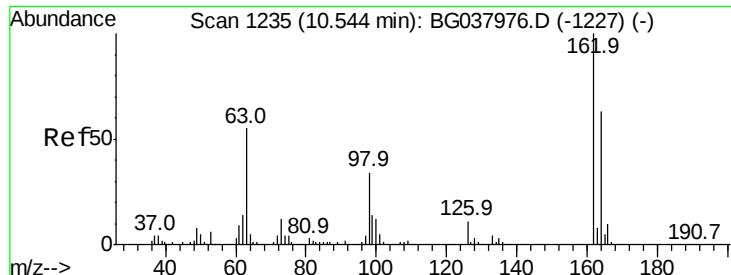
Abundance

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





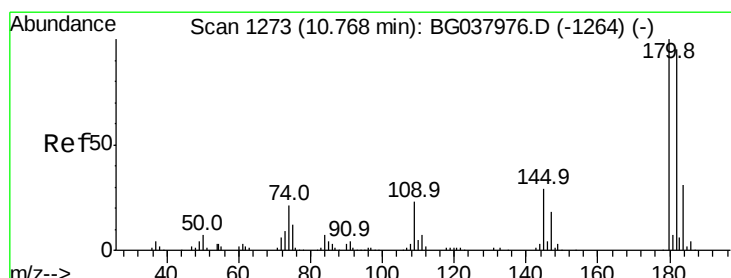
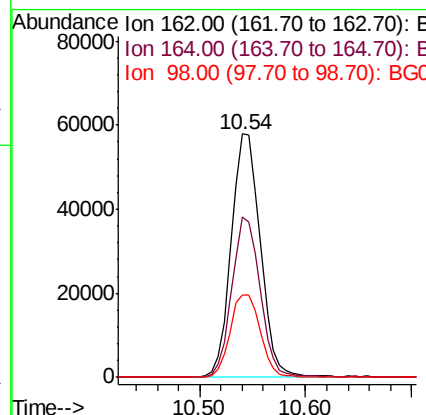
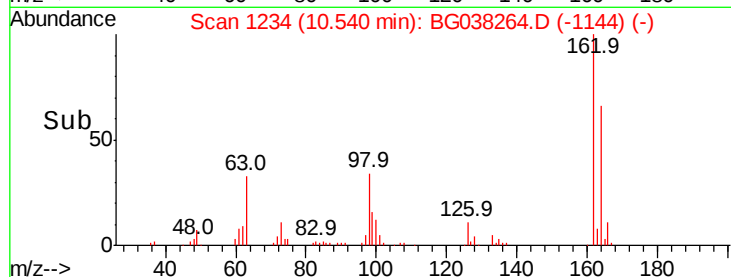
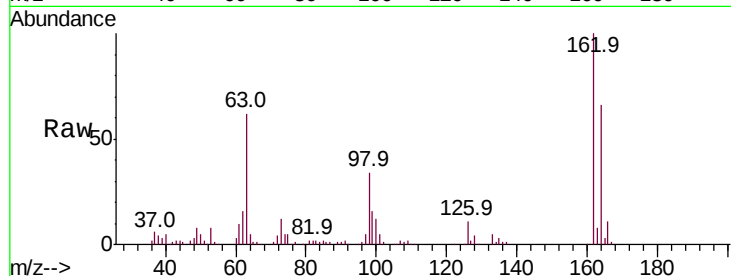
#29
 2,4-Dichlorophenol
 Concen: 50.179 ng
 RT: 10.54 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.9	43.2	83.2	
98	33.9	16.0	56.0	

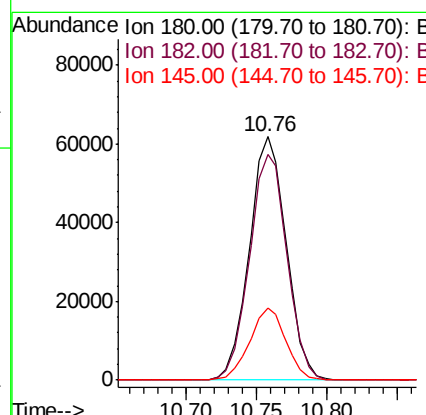
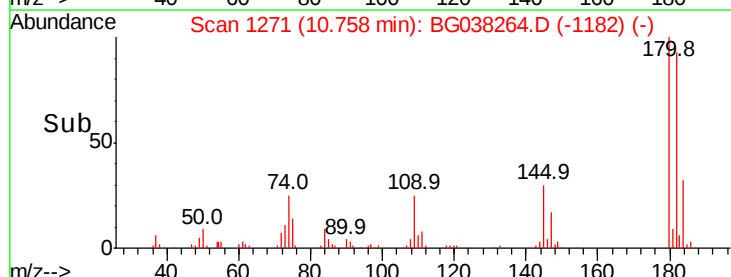
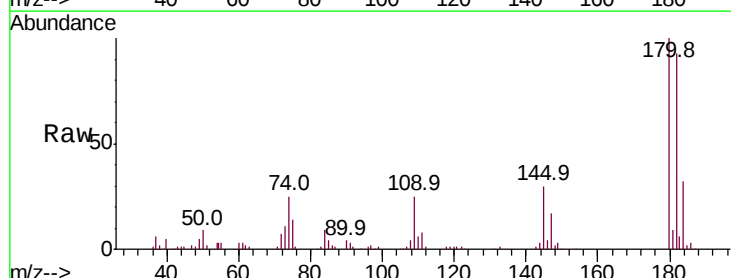
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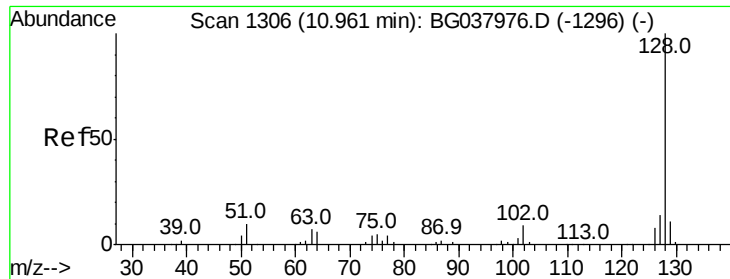
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.798 ng
 RT: 10.76 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.9	77.7	116.5	
145	29.7	23.3	34.9	





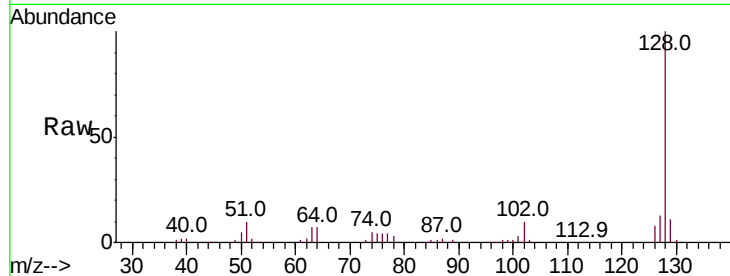
#31
Naphthalene
Concen: 49.853 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

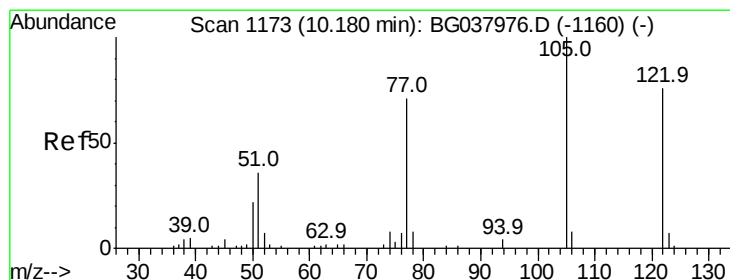
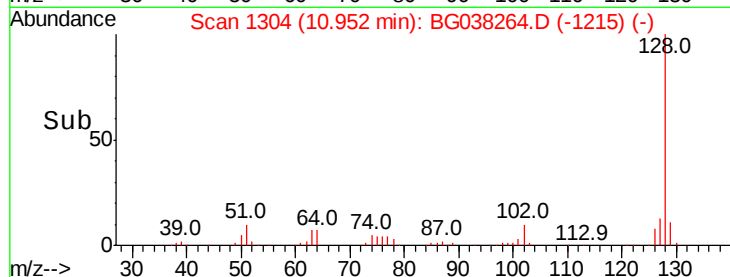
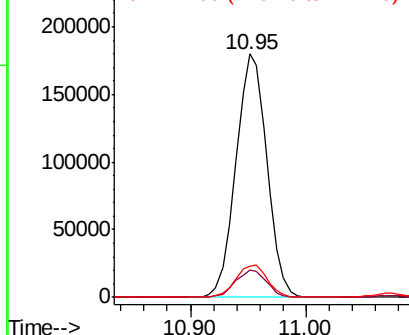
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	12.9	11.1	16.7

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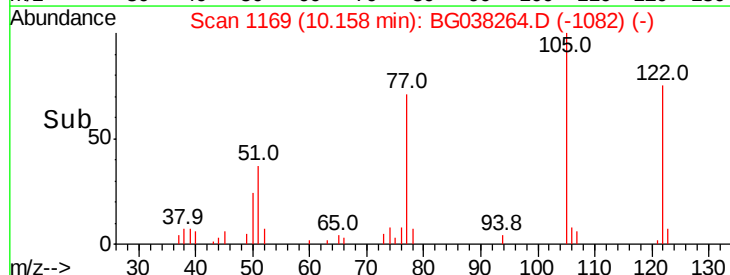
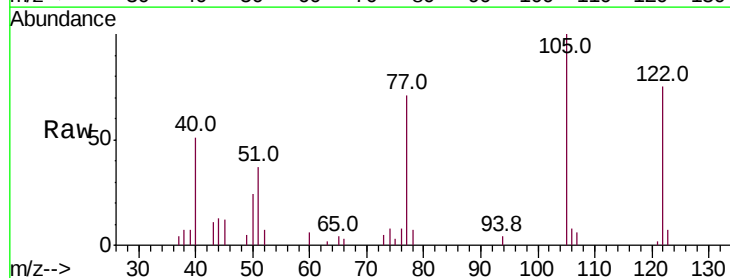
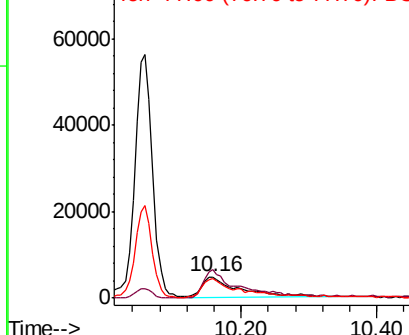
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 23.088 ng m
RT: 10.16 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.8	106.7	146.7
77	94.5	72.2	112.2

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





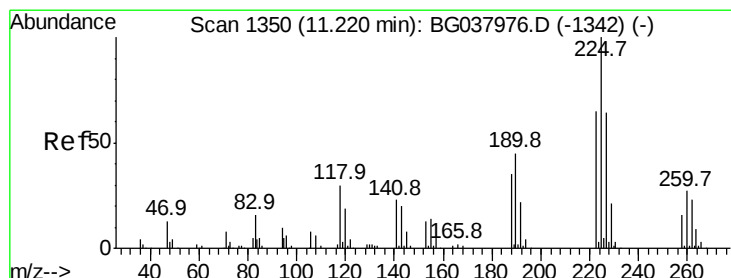
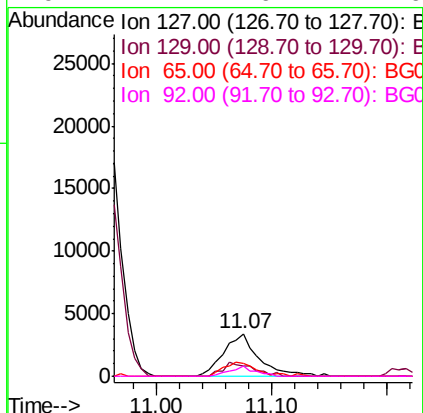
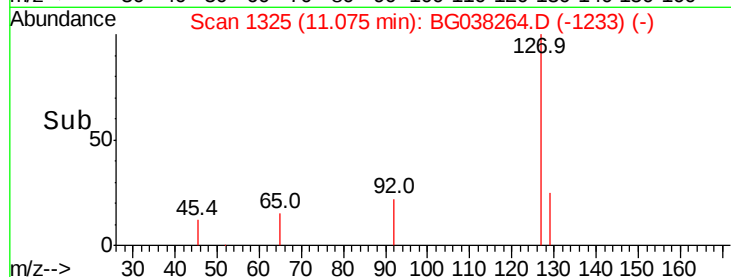
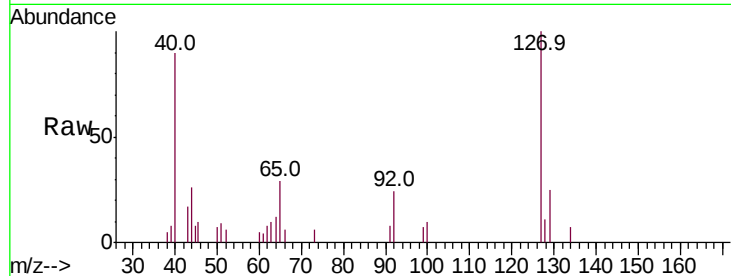
#33
4-Chloroaniline
Concen: 2.280 ng
RT: 11.07 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	25.0	27.1	40.7#
65	28.8	26.6	39.8
92	24.1	16.4	24.6

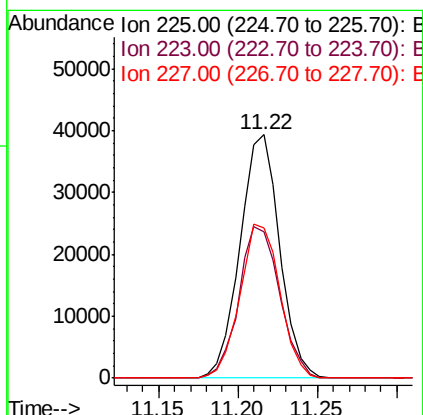
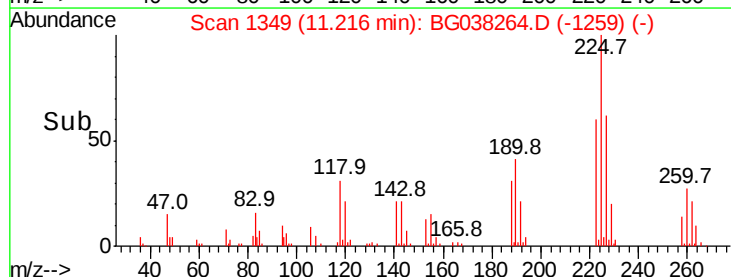
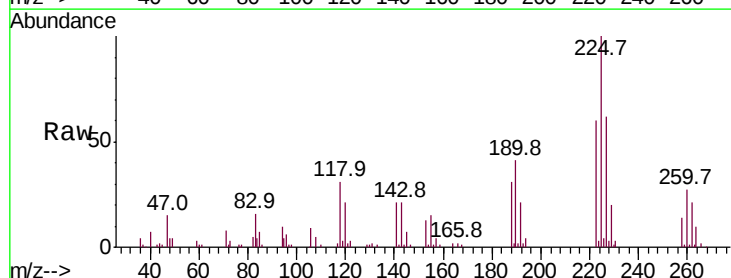
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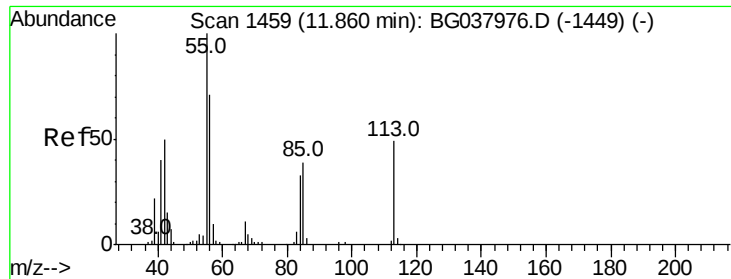
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#34
Hexachlorobutadiene
Concen: 45.062 ng
RT: 11.22 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	48.2	72.4
227	64.7	51.6	77.4





#35

Caprolactam

Concen: 27.836 ng

RT: 11.84 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Instrument :

BNA_G

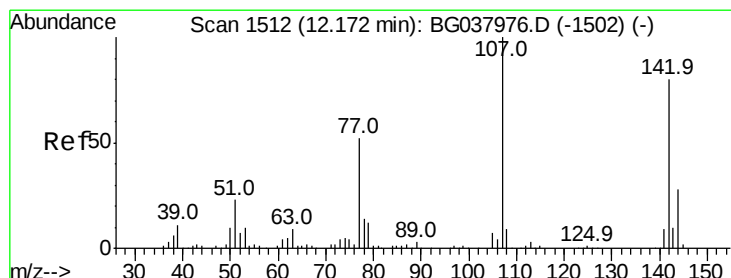
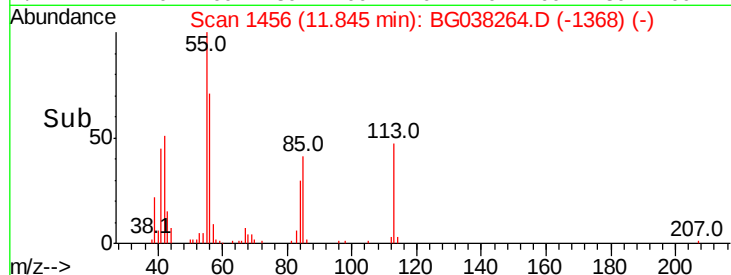
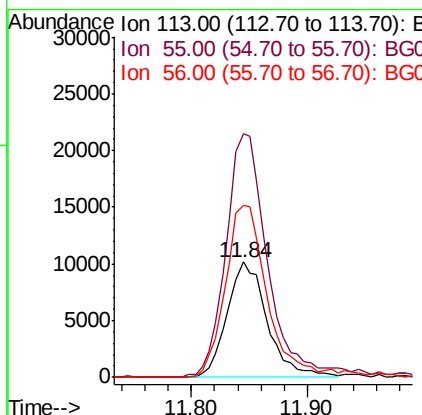
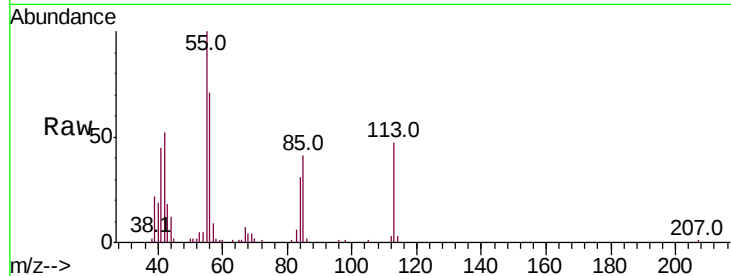
ClientSampleId :

AU-06-112918MSD

Tot Ion:	113	Resp:	24519
Ion Ratio	Lower	Upper	
113	100		
55	211.5	176.6	216.6
56	149.3	128.3	168.3

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#36

4-Chloro-3-methylphenol

Concen: 49.171 ng

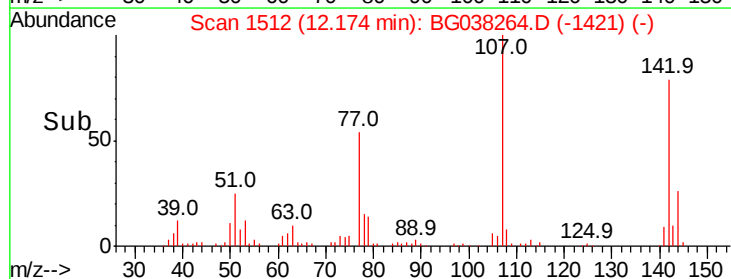
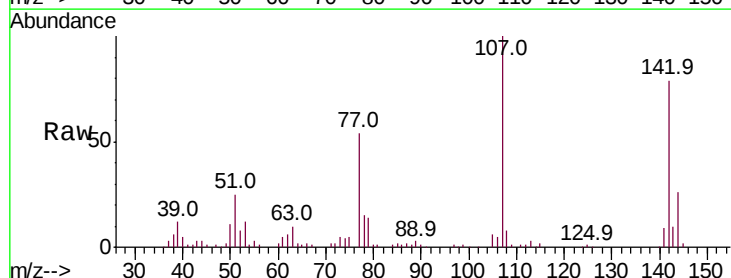
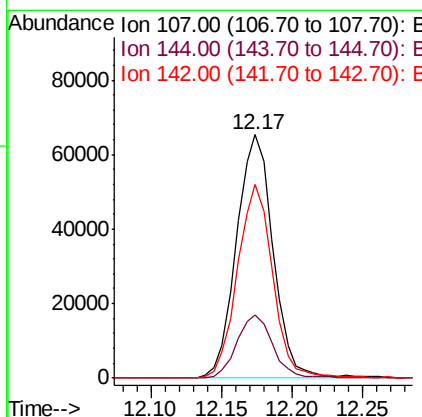
RT: 12.17 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Tgt Ion:	107	Resp:	118216
Ion Ratio	Lower	Upper	
107	100		
144	25.7	20.7	31.1
142	79.4	64.4	96.6





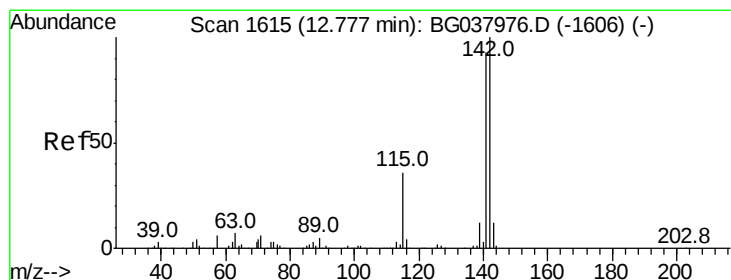
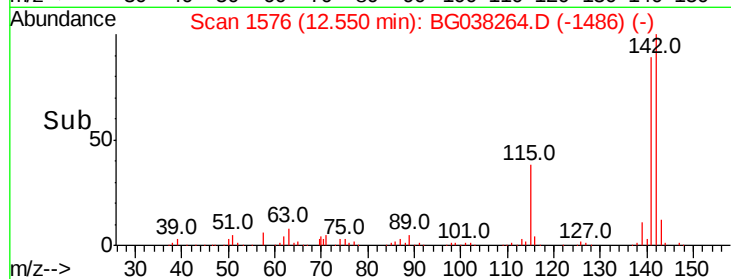
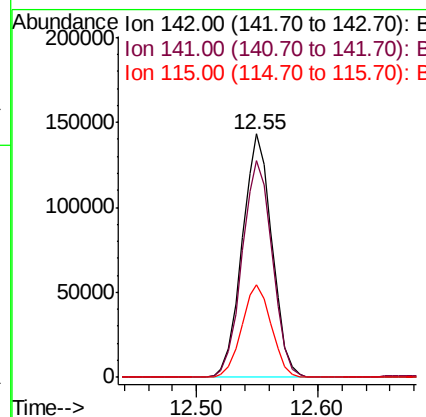
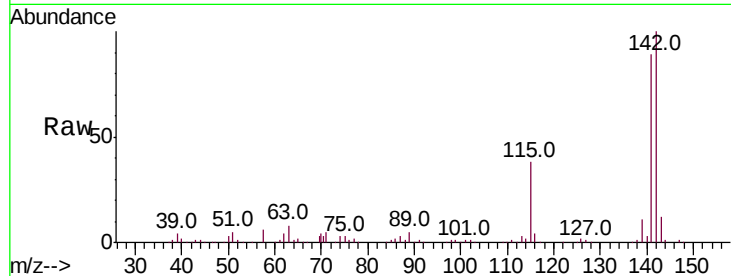
#37
2-Methylnaphthalene
Concen: 51.077 ng
RT: 12.55 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion:	142	Resp:	245616
Ion Ratio	Lower	Upper	
142	100		
141	89.2	71.9	107.9
115	38.0	27.8	41.8

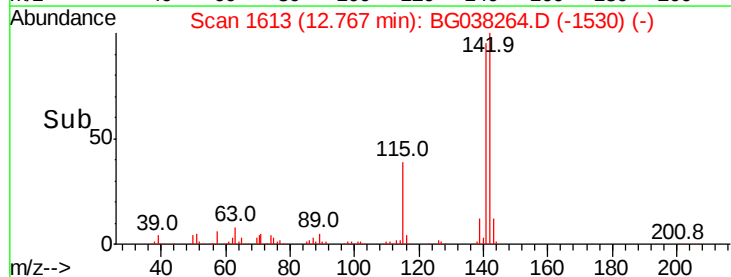
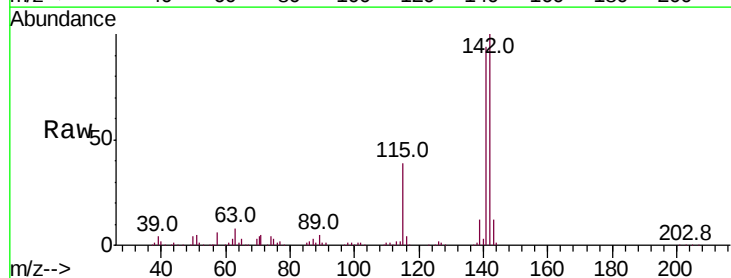
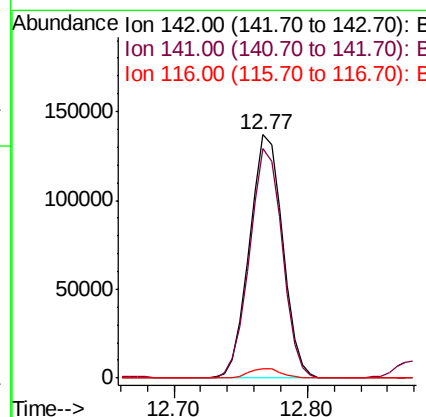
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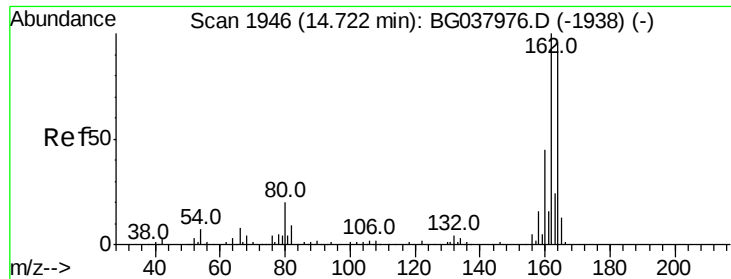
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#38
1-Methylnaphthalene
Concen: 50.740 ng
RT: 12.77 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion:	142	Resp:	234861
Ion Ratio	Lower	Upper	
142	100		
141	94.4	75.2	112.8
116	4.1	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Instrument :

BNA_G

ClientSampleId :

AU-06-112918MSD

Tot Ion:164 Resp: 83146

Ion Ratio Lower Upper

164 100

162 109.6 81.3 121.9

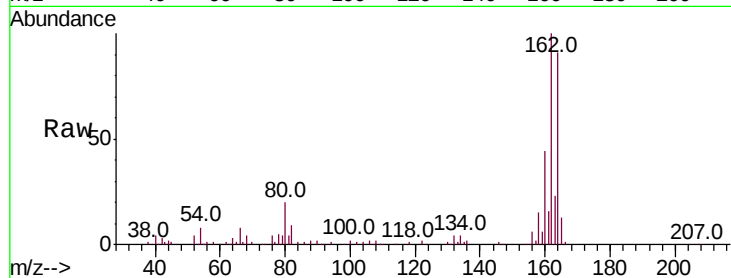
160 48.0 36.3 54.5

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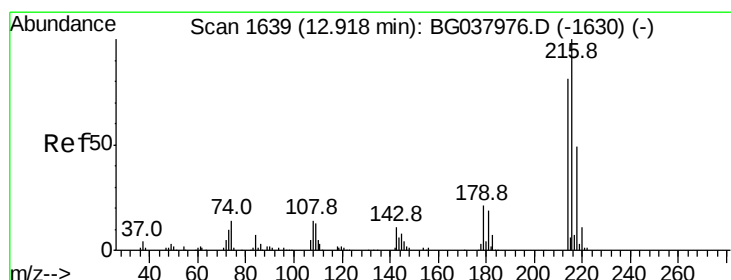
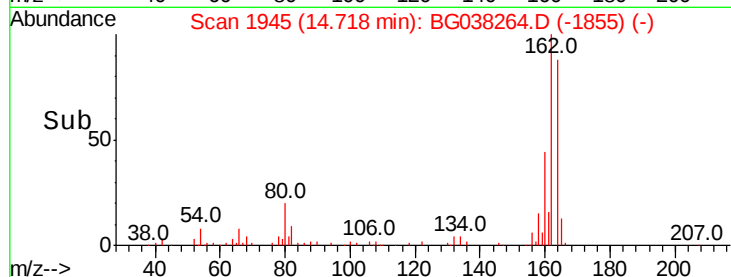
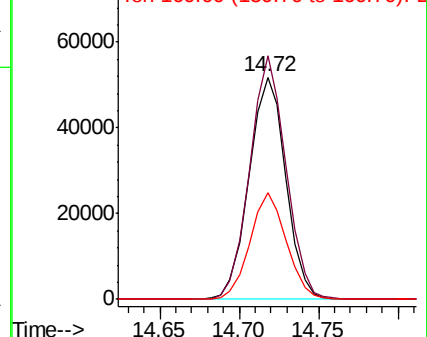
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Abundance Ion 164.00 (163.70 to 164.70): E

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: 46.126 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Tgt Ion:216 Resp: 128155

Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 20.9 17.4 26.0

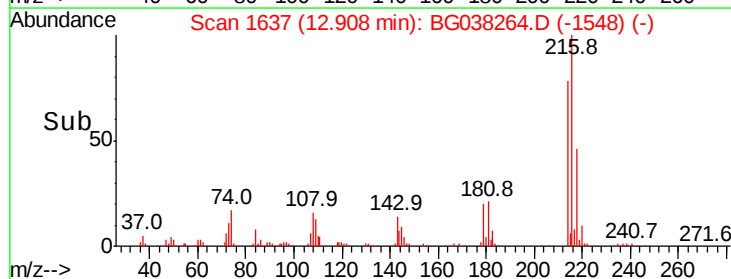
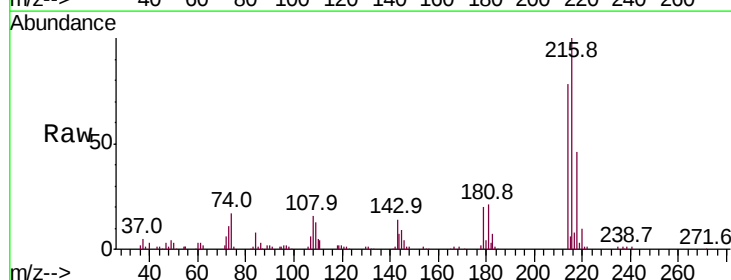
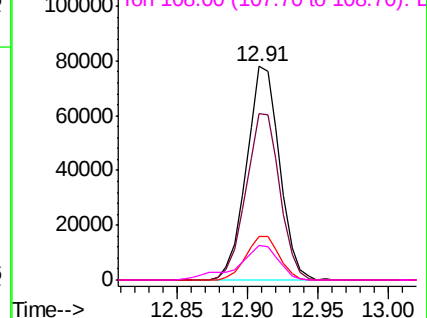
108 19.9 13.9 20.9

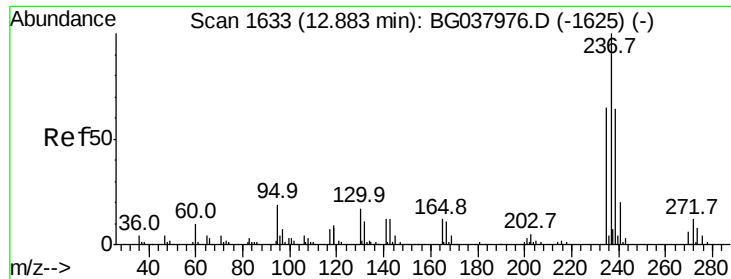
Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.152 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Instrument :

BNA_G

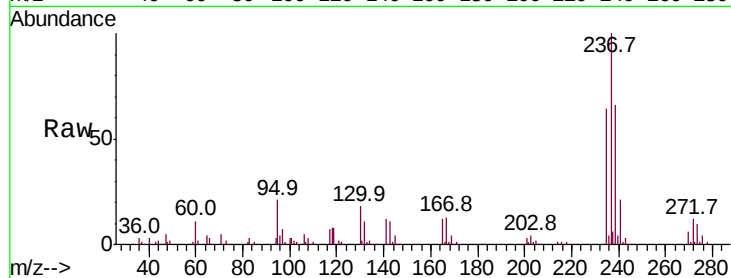
ClientSampleId :

AU-06-112918MSD

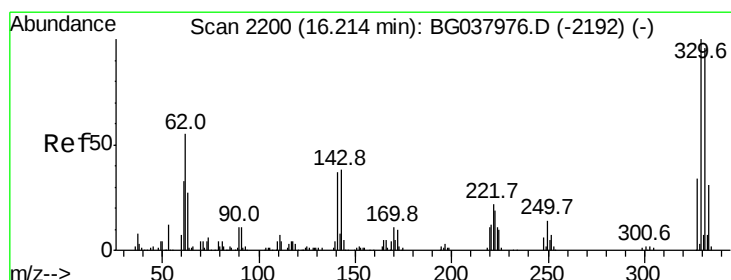
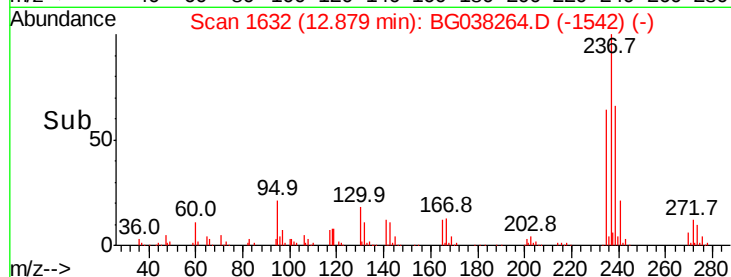
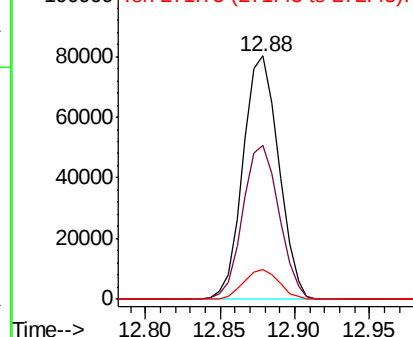
Tot Ion:	237	Resp:	132635
Ion Ratio	Lower	Upper	
237	100		
235	63.5	42.5	82.5
272	12.5	0.0	31.6

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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: 122.442 ng

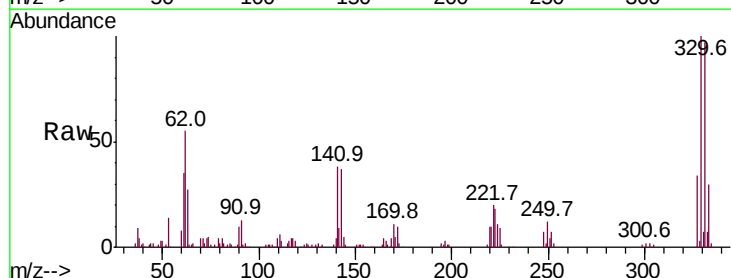
RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

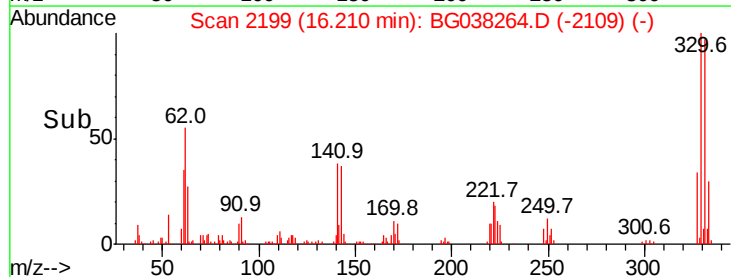
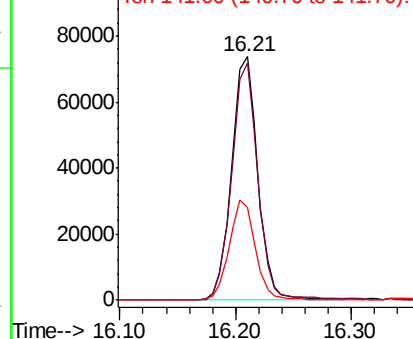
Lab File: BG038264.D

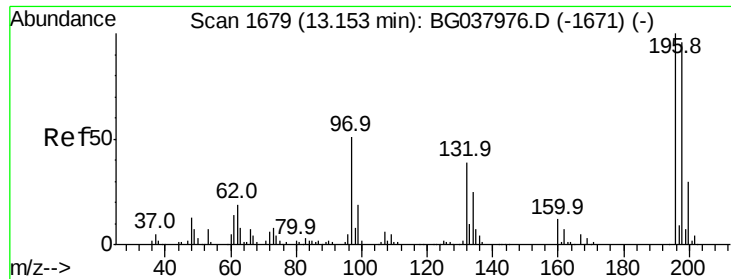
Acq: 30 Nov 2018 19:20

Tgt Ion:	330	Resp:	116107
Ion Ratio	Lower	Upper	
330	100		
332	96.8	78.4	117.6
141	40.9	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





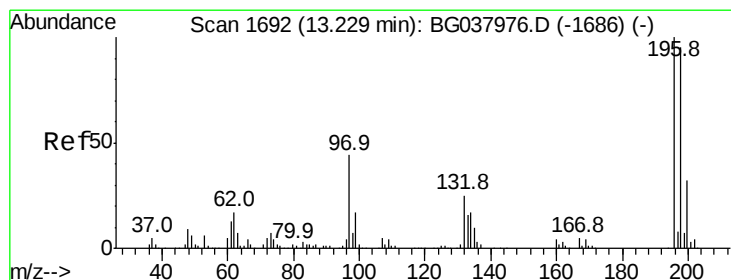
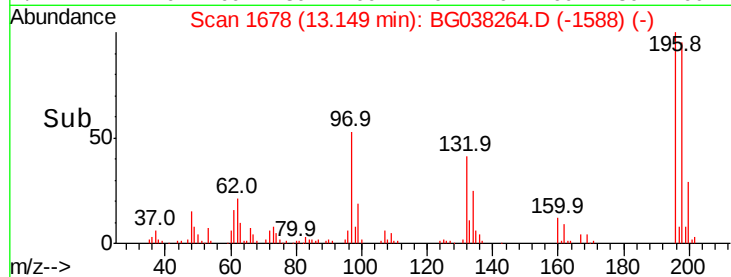
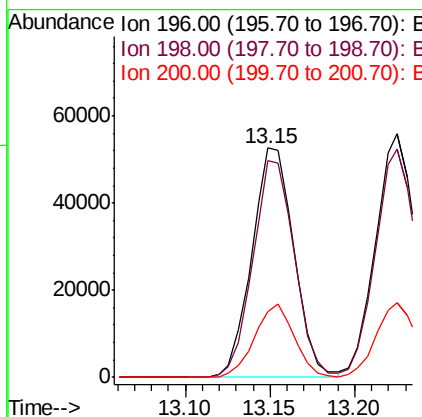
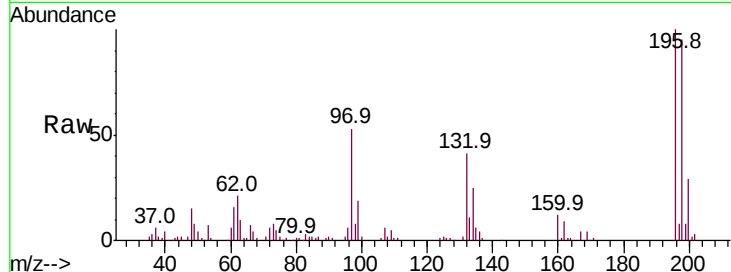
#43
 2,4,6-Trichlorophenol
 Concen: 48.099 ng
 RT: 13.15 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	91065		
198	94.7	76.4	114.6	
200	28.6	24.9	37.3	

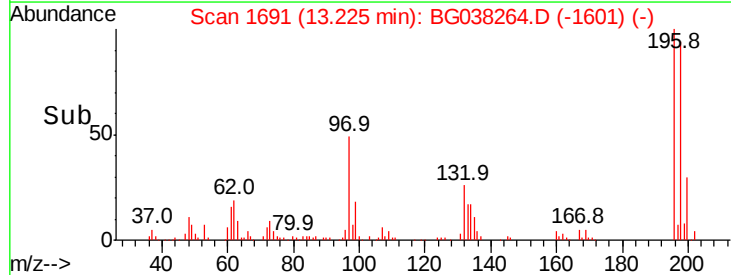
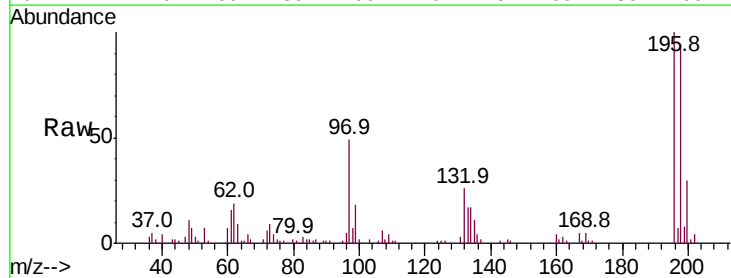
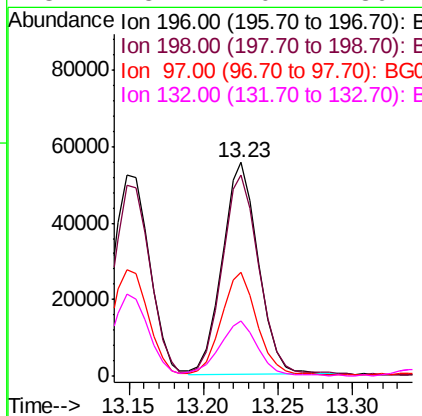
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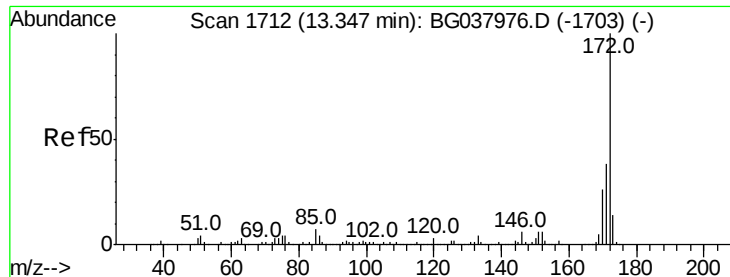
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 46.995 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	93618		
198	93.8	74.2	111.2	
97	48.6	34.1	51.1	
132	25.7	20.2	30.4	





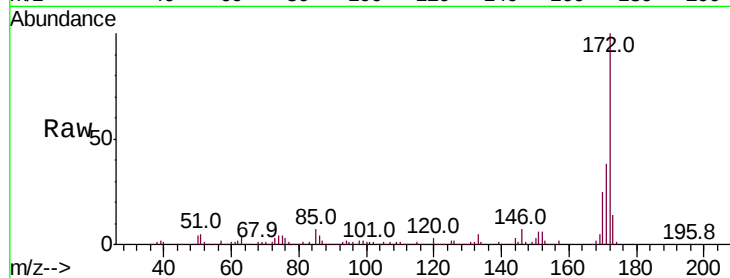
#45
2-Fluorobiphenyl
Concen: 80.275 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	25.2	20.2	30.2

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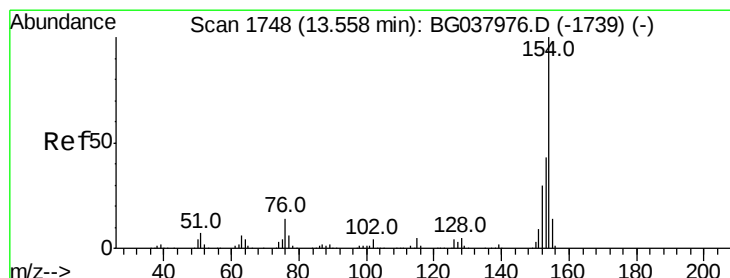
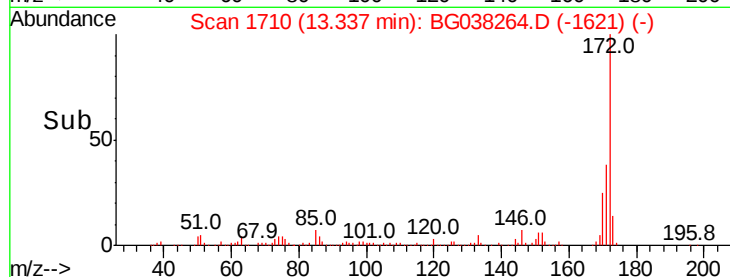
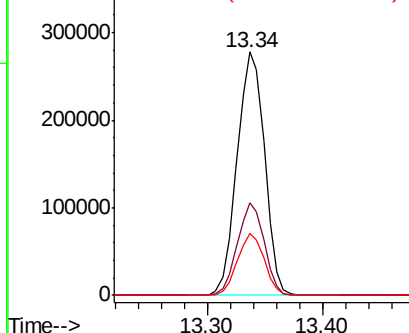


Abundance

Ion 172.00 (171.70 to 172.70): E

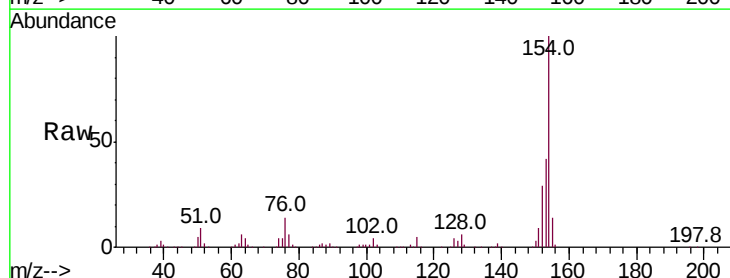
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.029 ng
RT: 13.55 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.1	62.1
76	13.6	0.0	33.2

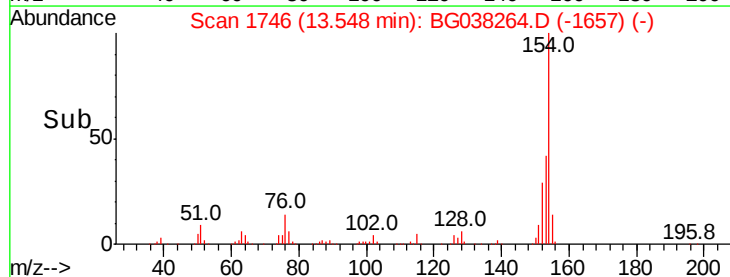
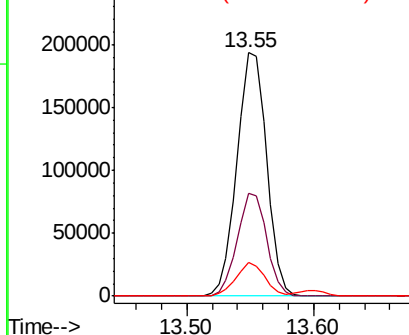


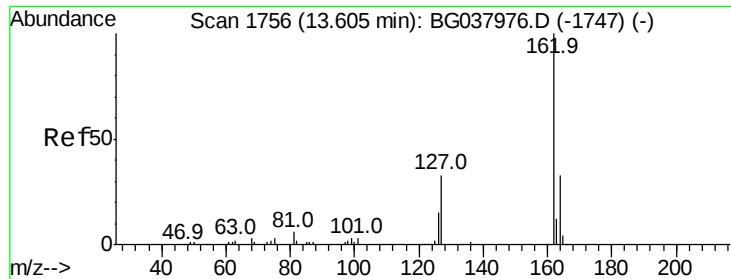
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 46.838 ng

RT: 13.60 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BG038264.D

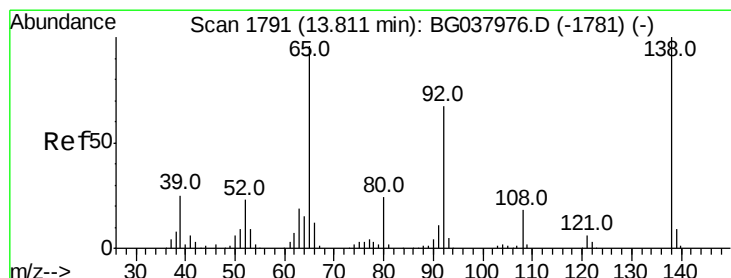
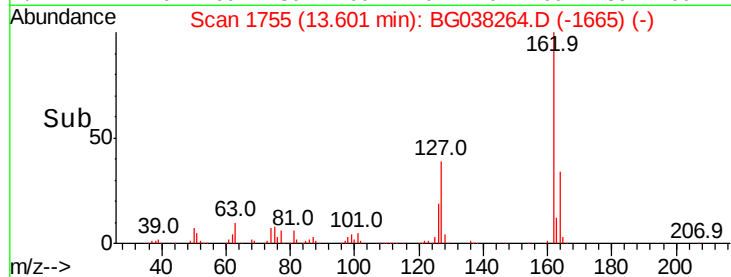
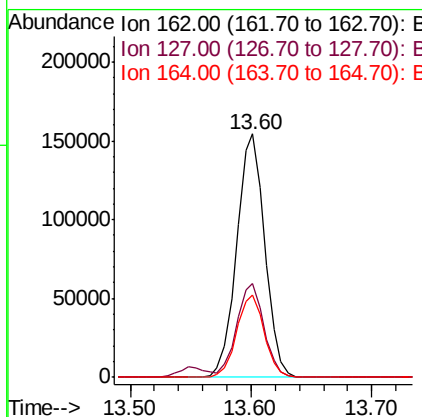
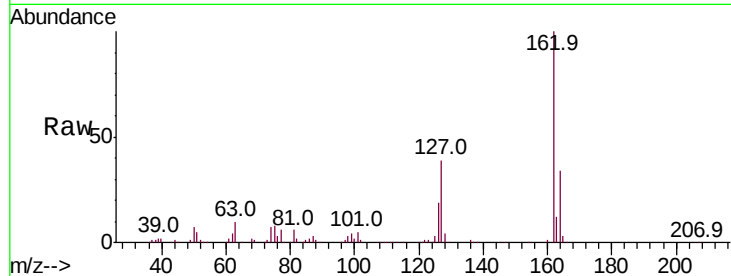
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	30.5	45.7
164	33.7	26.4	39.6

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#48

2-Nitroaniline

Concen: 52.351 ng

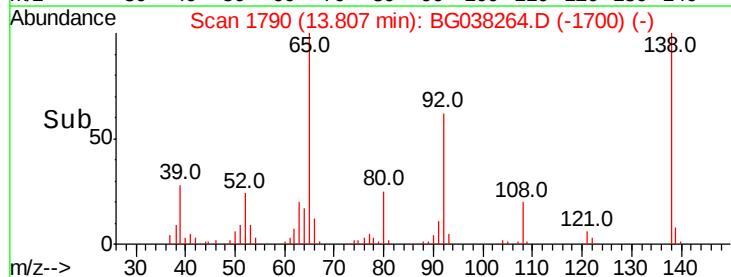
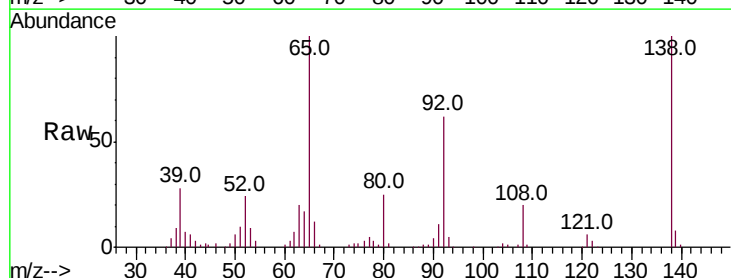
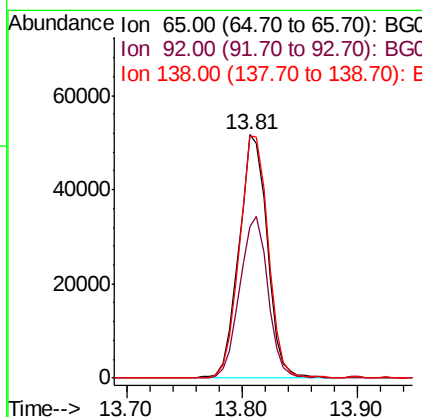
RT: 13.81 min Scan# 1790

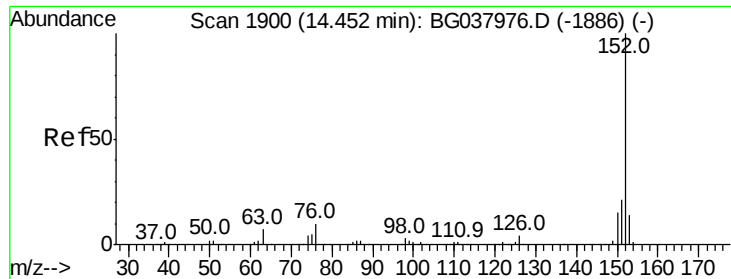
Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.1	53.2	79.8
138	99.7	79.3	118.9





#49

Acenaphthylene

Concen: 50.987 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Instrument :

BNA_G

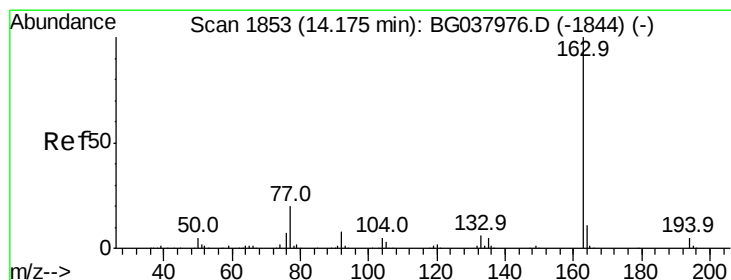
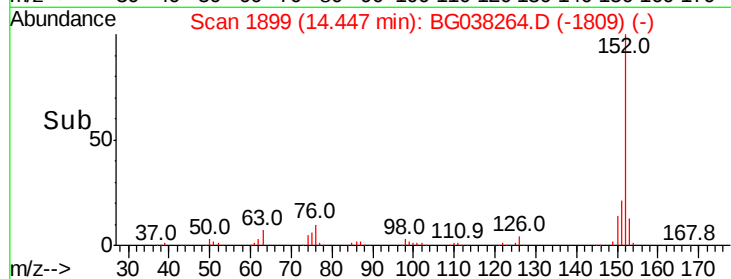
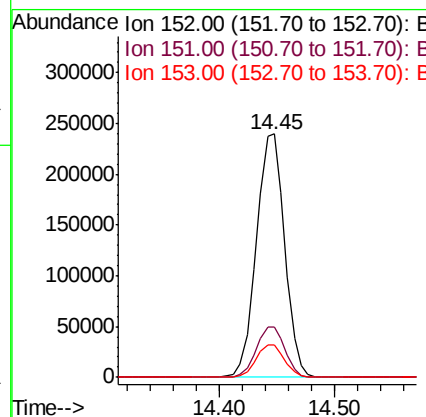
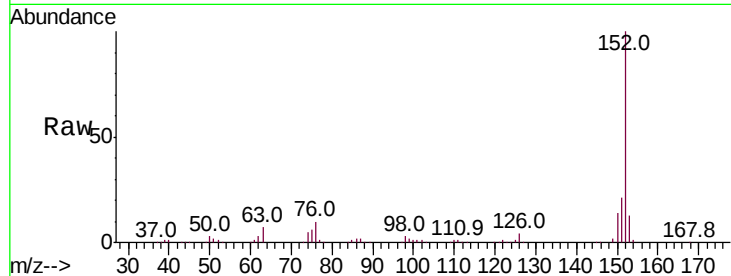
ClientSampleId :

AU-06-112918MSD

Tot Ion:	152	Resp:	408688
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.1	25.7
153	13.4	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 48.494 ng

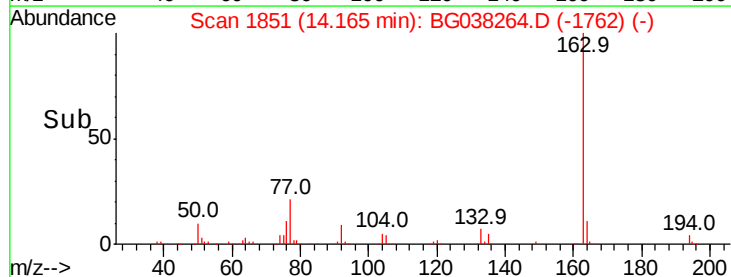
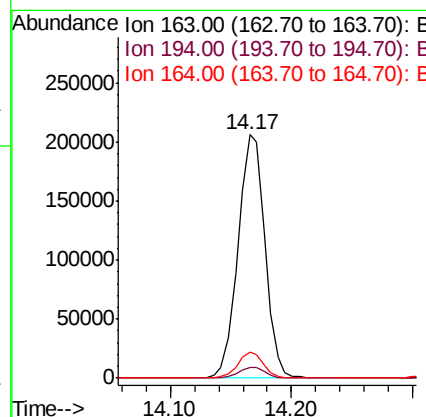
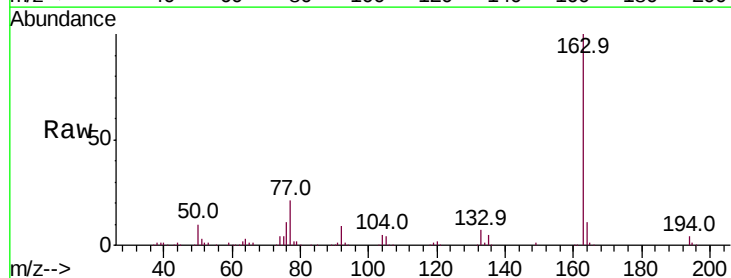
RT: 14.17 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Tgt Ion:	163	Resp:	319650
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	10.7	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 48.771 ng

RT: 14.30 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Instrument :

BNA_G

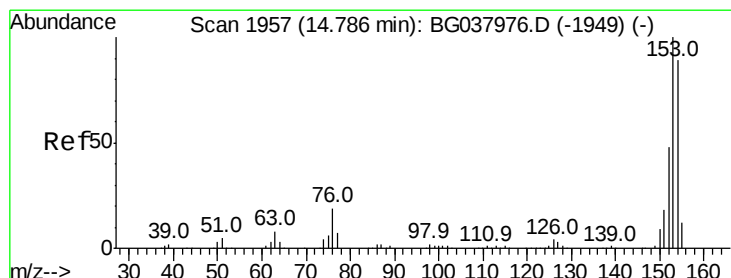
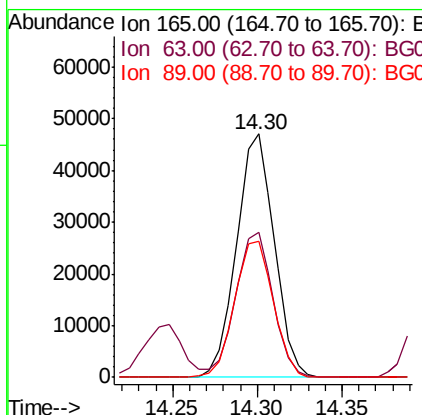
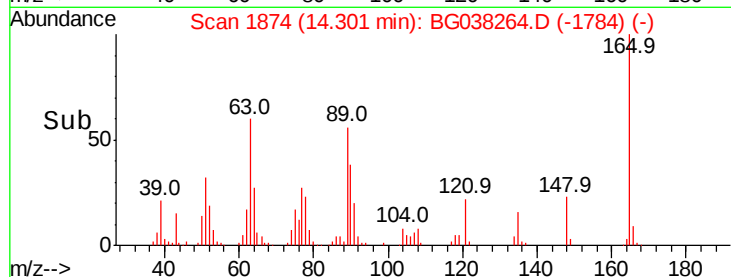
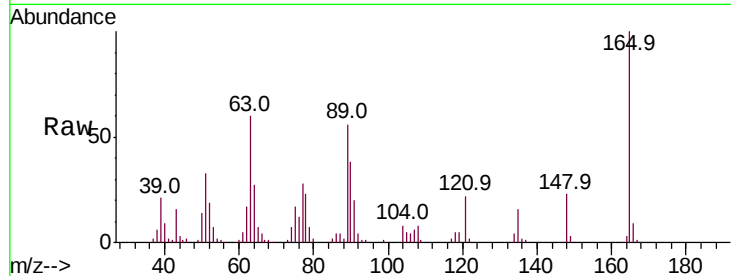
ClientSampleId :

AU-06-112918MSD

Tot Ion:	165	Resp:	72759
Ion Ratio	Lower	Upper	
165	100		
63	59.6	43.4	65.2
89	55.9	45.8	68.6

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#52

Acenaphthene

Concen: 48.630 ng

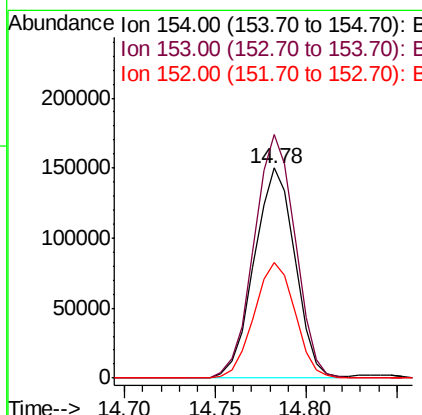
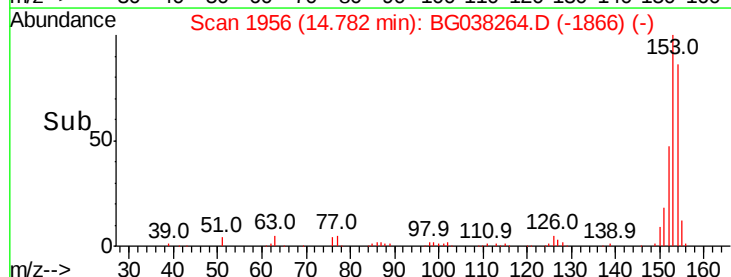
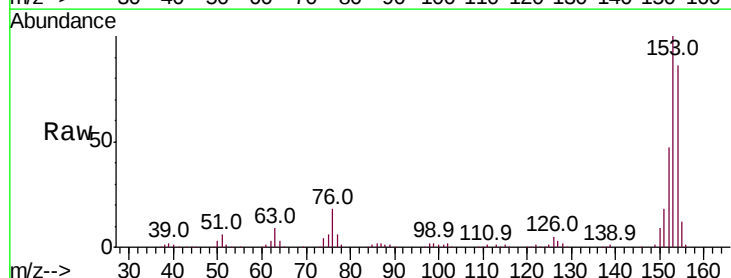
RT: 14.78 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Tgt Ion:	154	Resp:	234667
Ion Ratio	Lower	Upper	
154	100		
153	115.9	93.4	140.0
152	54.9	44.7	67.1





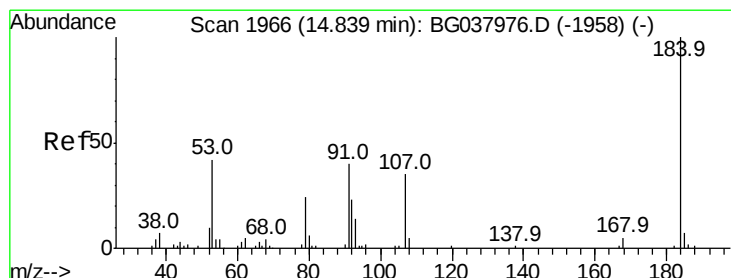
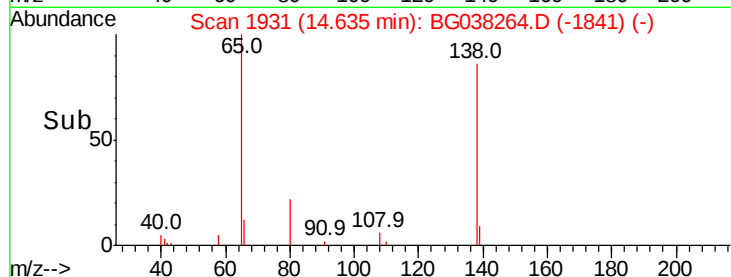
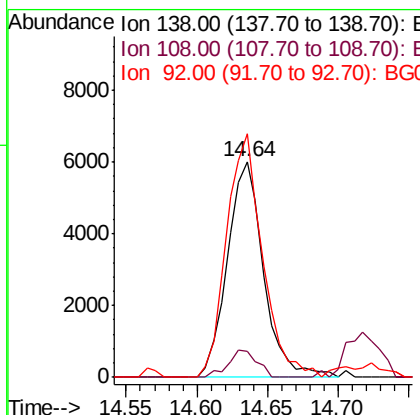
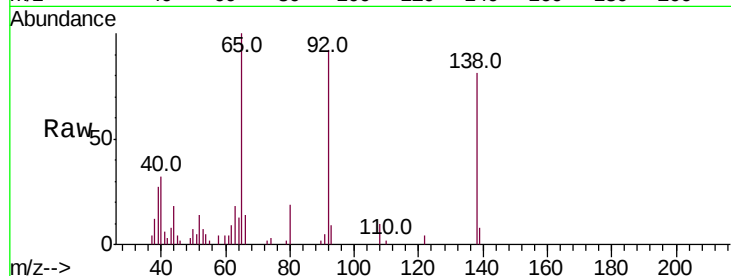
#53
3-Nitroaniline
Concen: 6.500 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.1	11.0	16.6
92	112.8	95.2	142.8

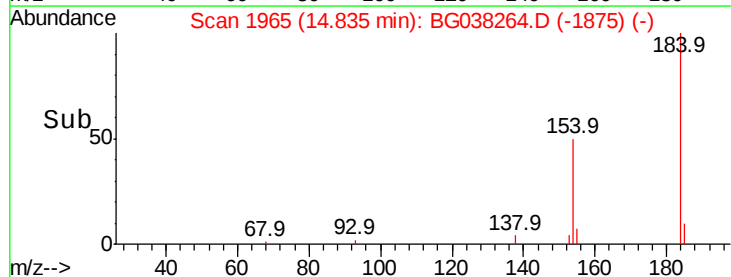
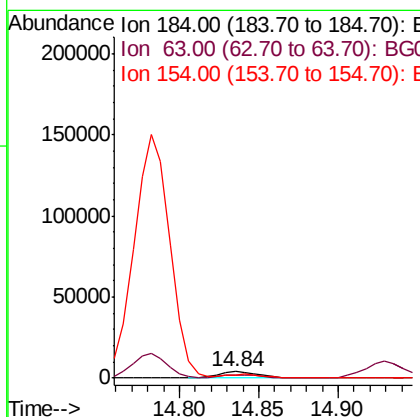
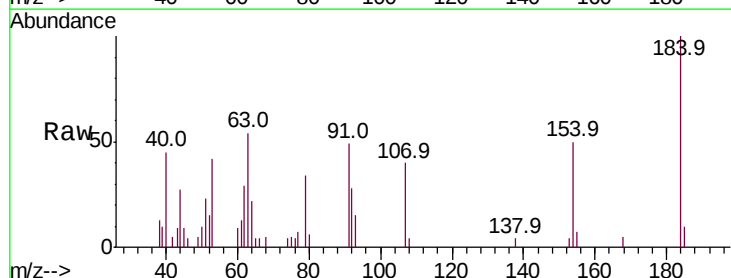
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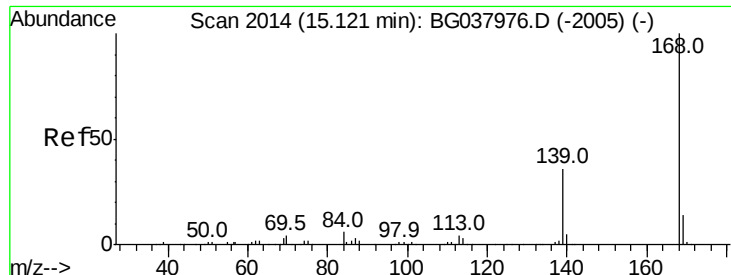
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#54
2,4-Dinitrophenol
Concen: 17.663 ng
RT: 14.84 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.4	42.6	63.8
154	50.3	41.8	62.6





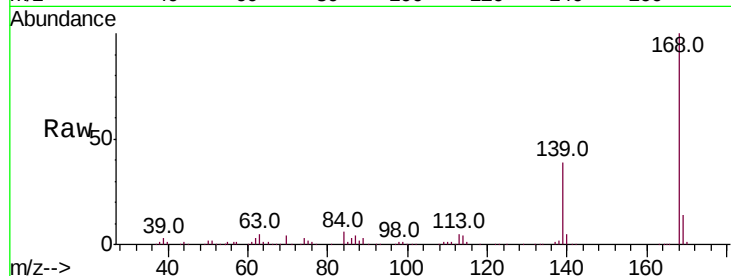
#55
Dibenzofuran
Concen: 47.973 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	29.4	44.0
169	14.1	11.0	16.6

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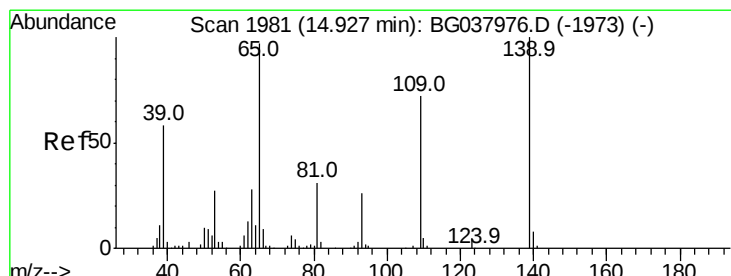
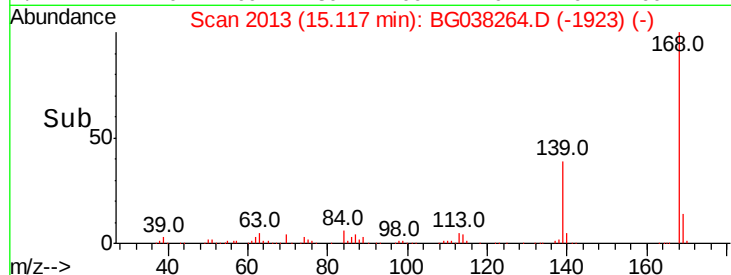
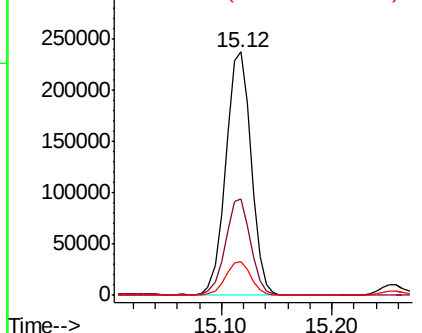


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 54.274 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

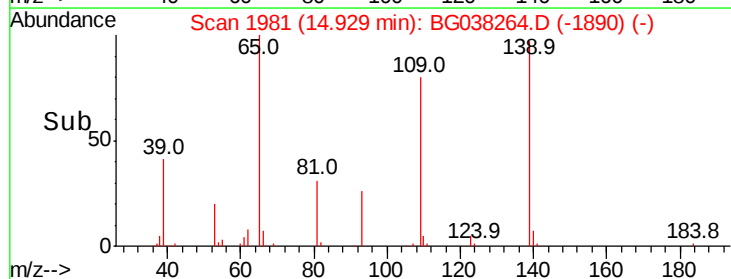
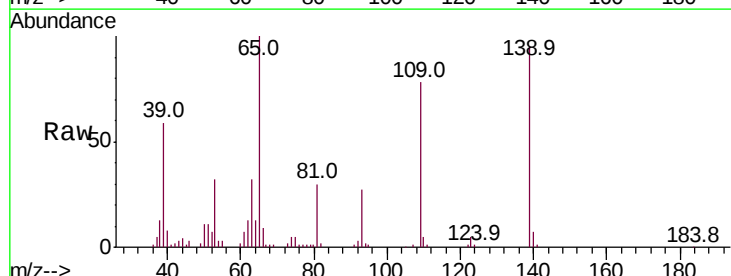
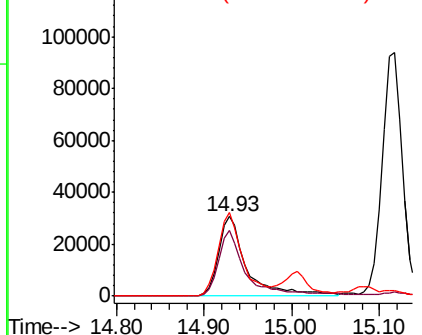
Tgt Ion	Ratio	Lower	Upper
139	100		
109	82.8	49.5	89.5
65	105.5	76.8	116.8

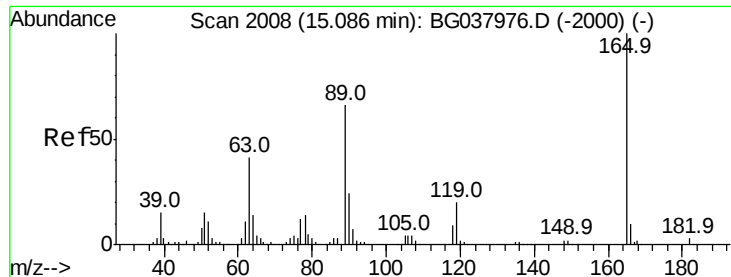
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





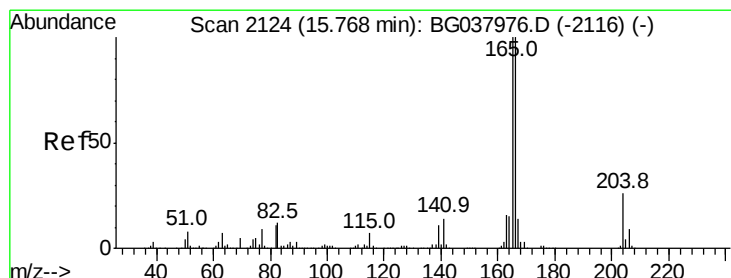
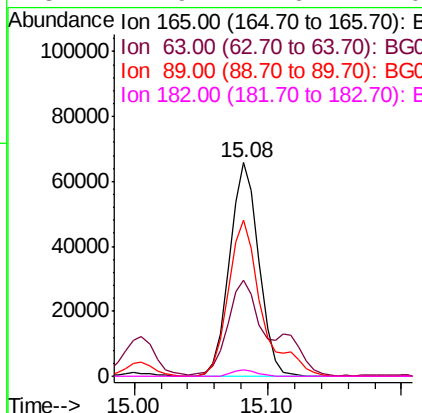
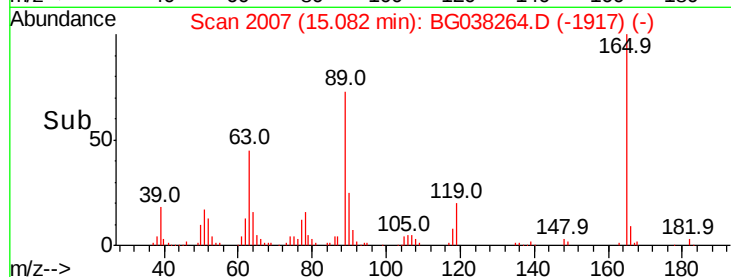
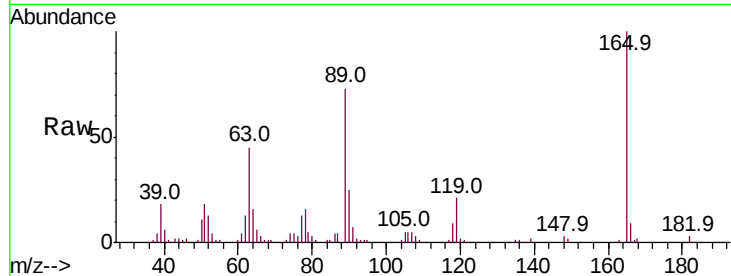
#57
2,4-Dinitrotoluene
Concen: 49.485 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.1	33.4	50.0	
89	73.3	57.2	85.8	
182	2.9	2.6	4.0	

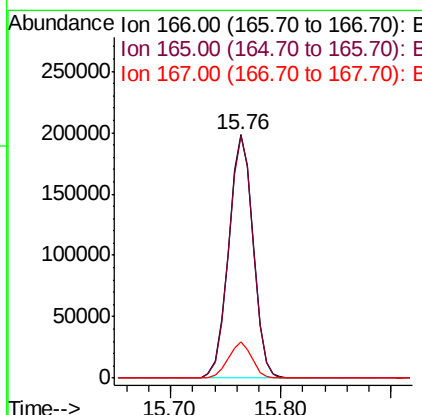
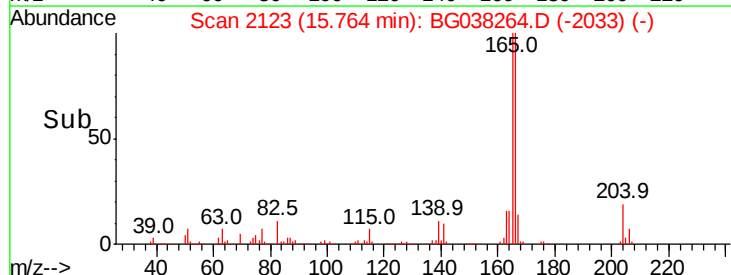
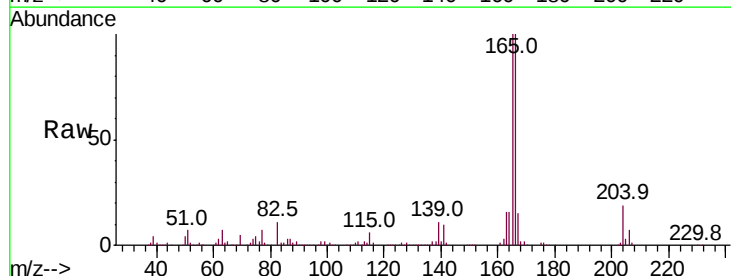
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#58
Fluorene
Concen: 51.661 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.5	79.0	118.6	
167	14.8	11.3	16.9	





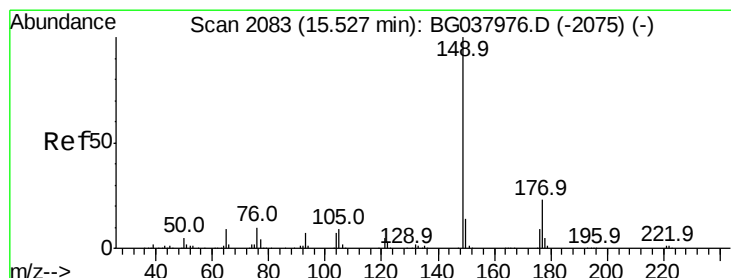
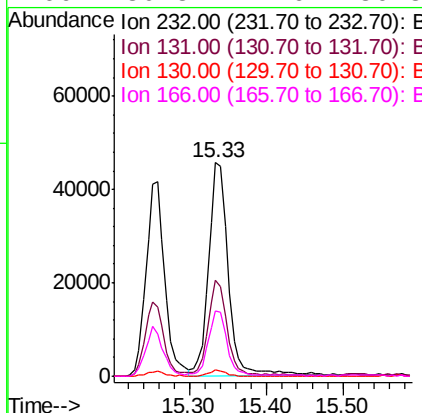
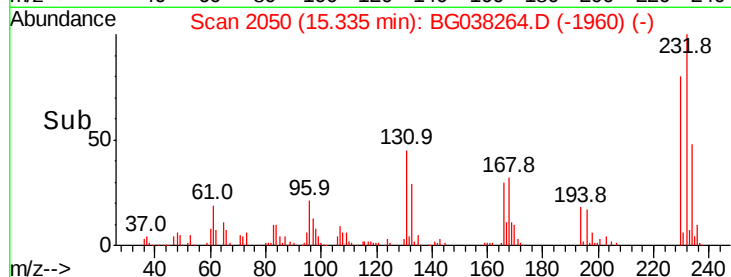
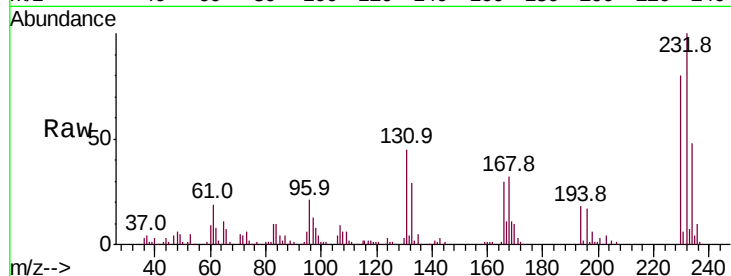
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.633 ng
 RT: 15.33 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.3	33.7	50.5
130	2.5	2.1	3.1
166	30.8	24.6	36.8

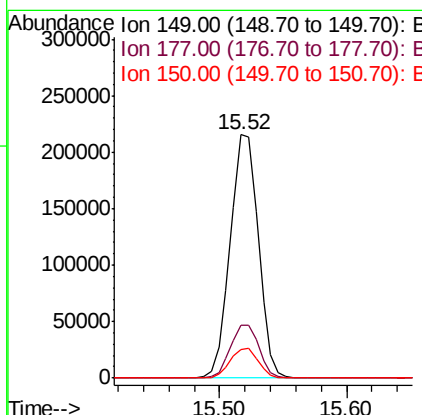
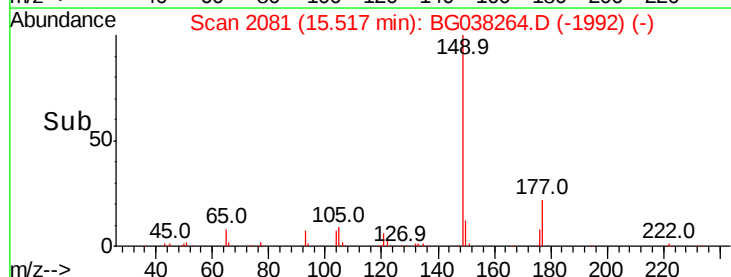
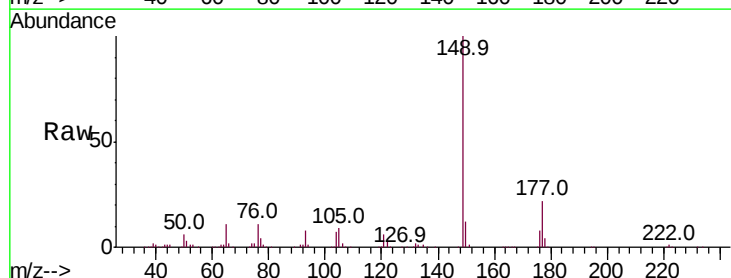
Manual Integrations
 APPROVED

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 12/3/2018 3:33:19 PM



#60
 Diethylphthalate
 Concen: 47.104 ng
 RT: 15.52 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	18.3	27.5
150	11.8	10.0	15.0





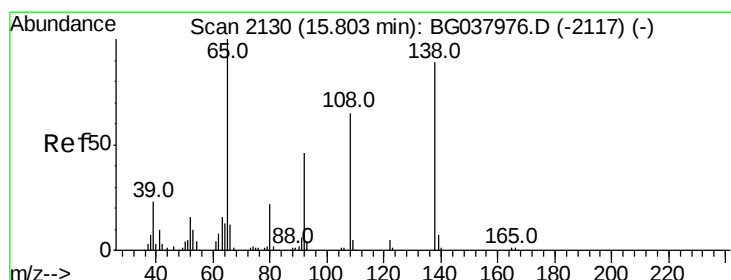
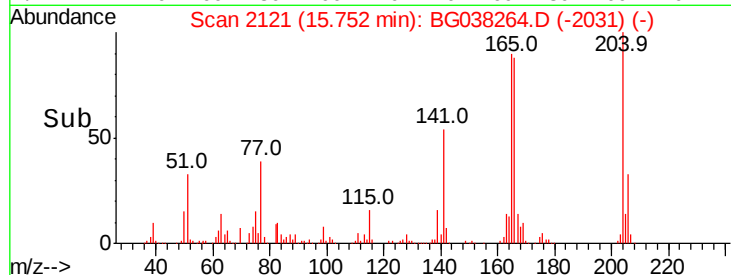
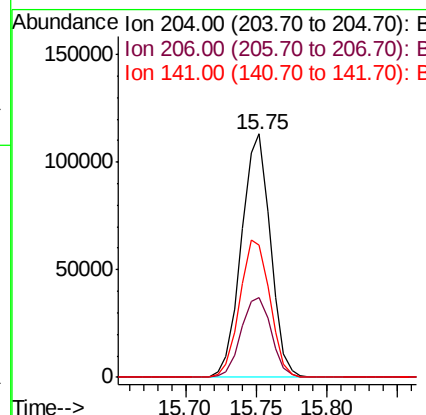
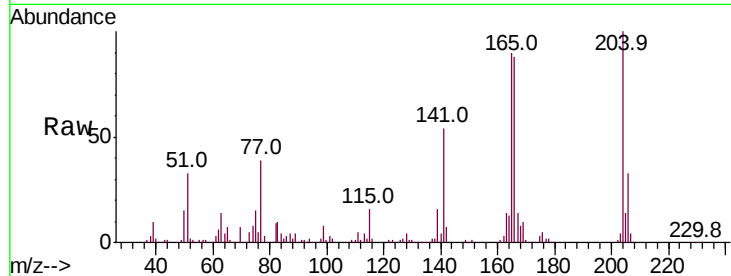
#61
4-Chlorophenyl-phenylether
Concen: 46.580 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	54.4	45.4	68.2

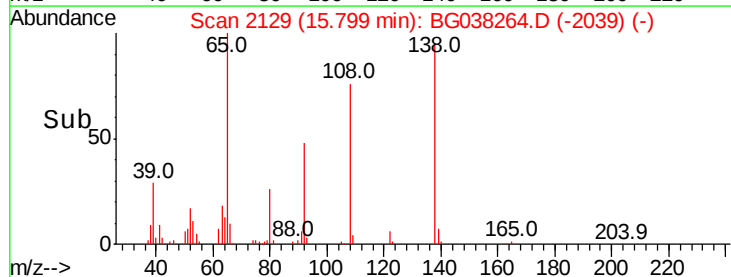
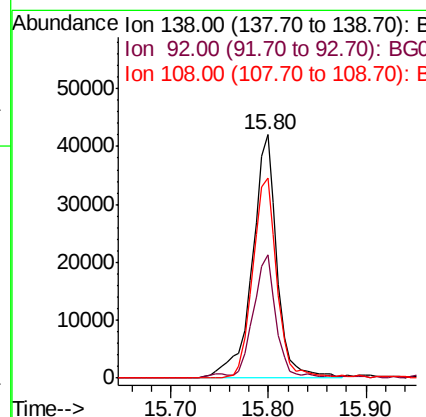
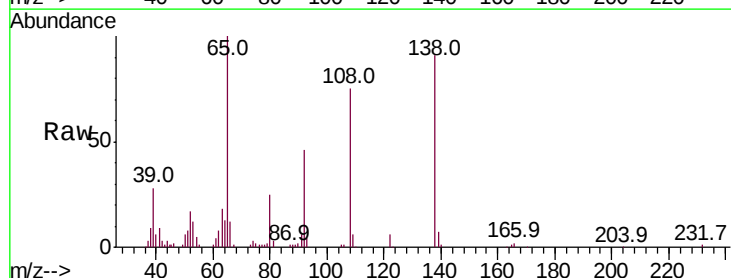
Manual Integrations
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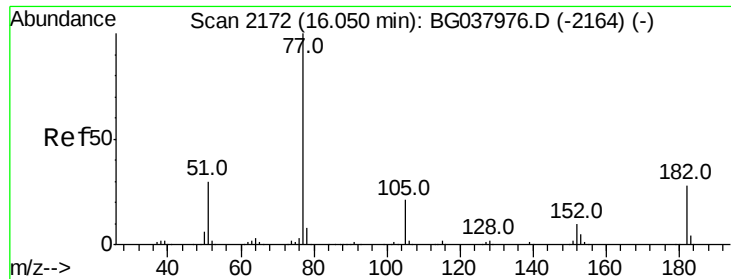
mohammad
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#62
4-Nitroaniline
Concen: 45.758 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	36.4	76.4
108	82.0	60.1	100.1





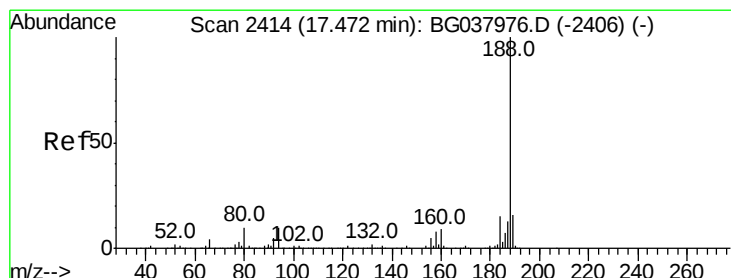
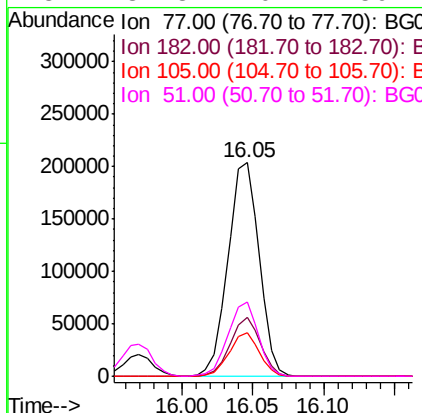
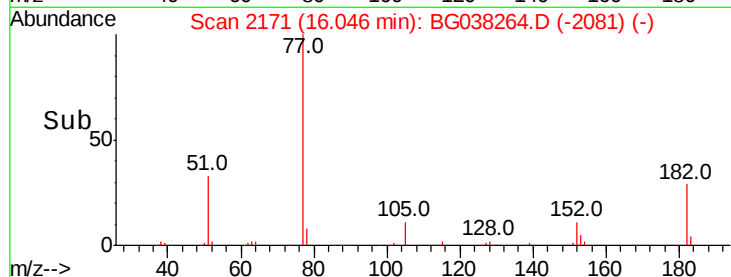
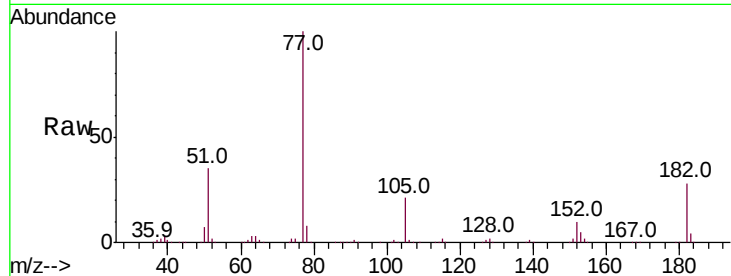
#63
Azobenzene
Concen: 50.047 ng
RT: 16.05 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.7	8.0	48.0
105	20.7	1.3	41.3
51	34.8	10.7	50.7

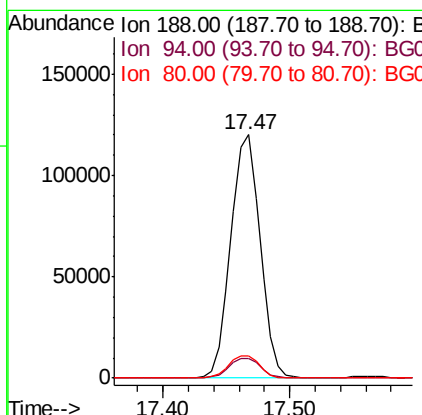
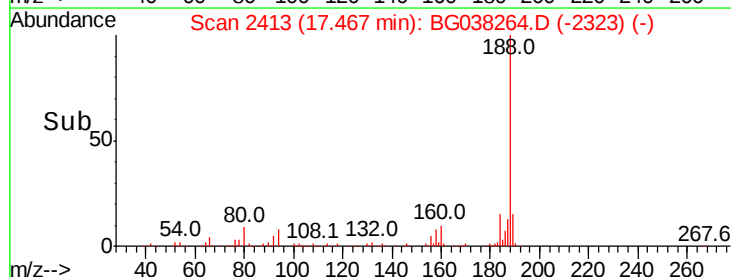
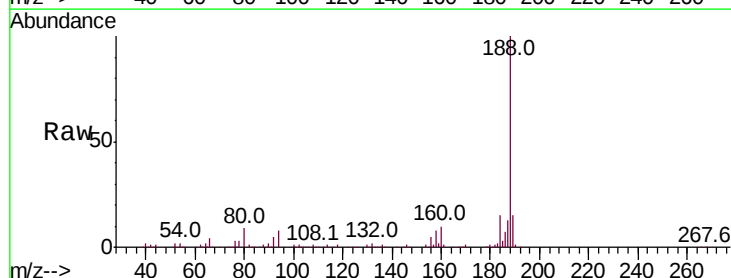
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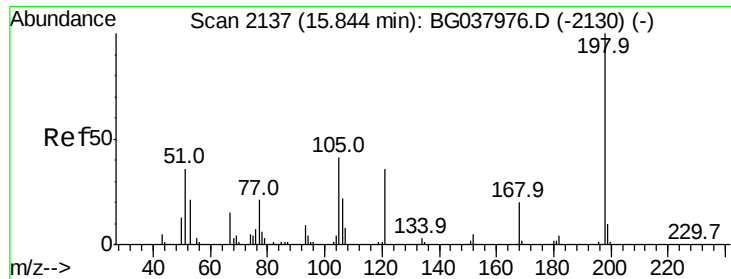
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	9.1	7.7	11.5





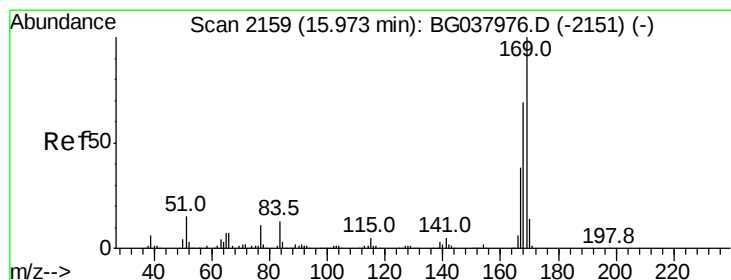
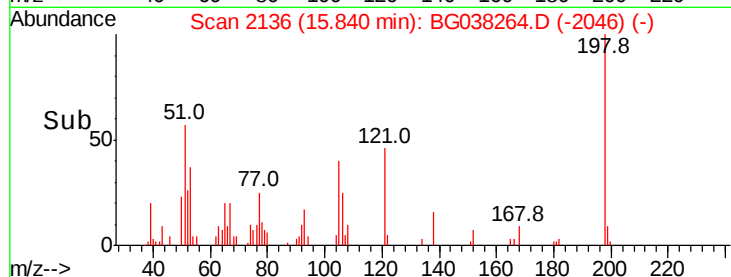
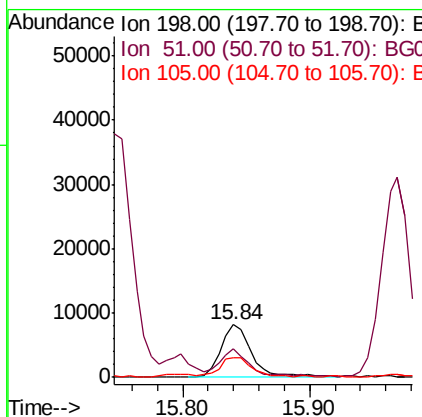
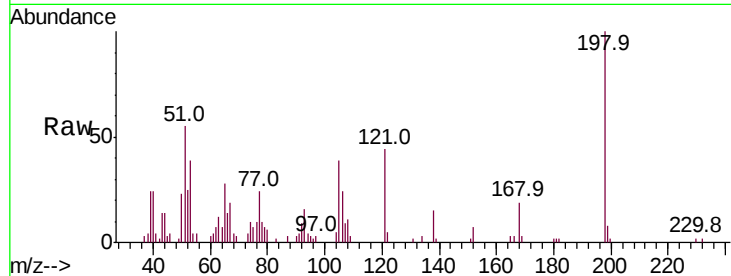
#65
4,6-Dinitro-2-methylphenol
Concen: 11.332 ng
RT: 15.84 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	55.1	22.7	62.7
105	38.6	19.7	59.7

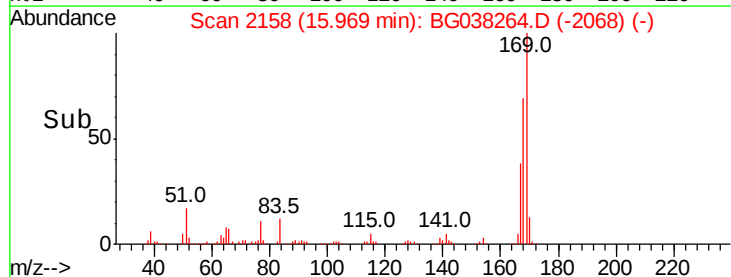
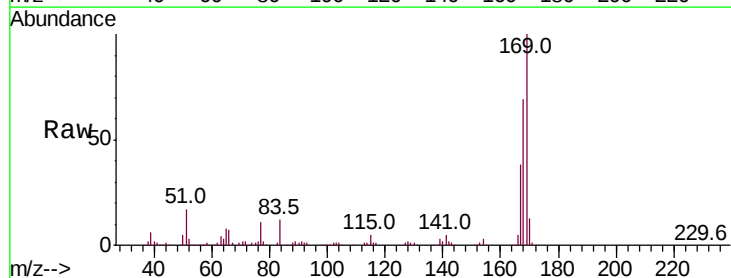
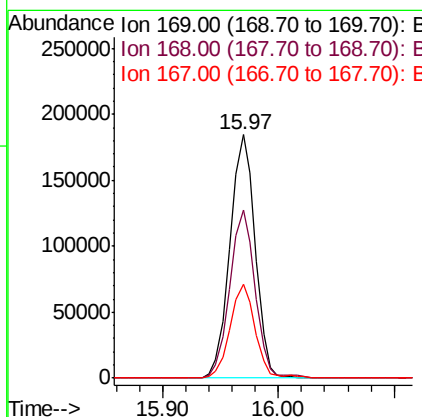
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#66
n-Nitrosodiphenylamine
Concen: 47.779 ng
RT: 15.97 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.0	55.7	83.5
167	38.3	31.3	46.9





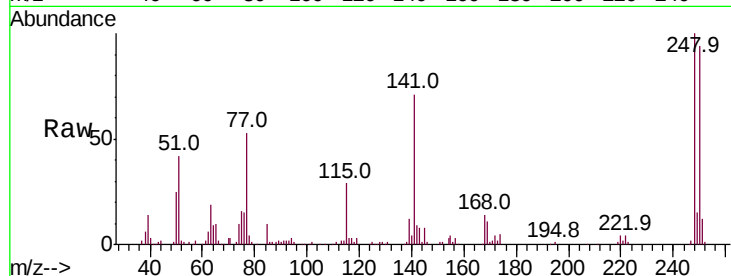
#67
4-Bromophenyl-phenylether
Concen: 48.539 ng
RT: 16.64 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.0	77.0	115.6
141	71.0	55.5	83.3

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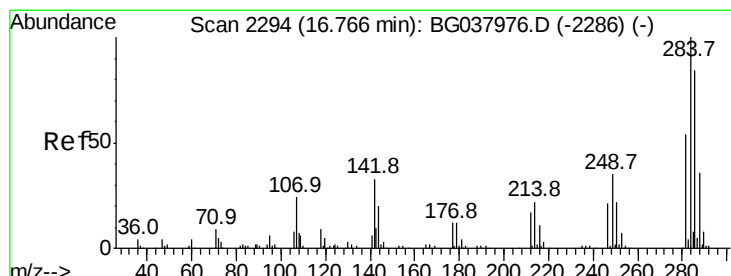
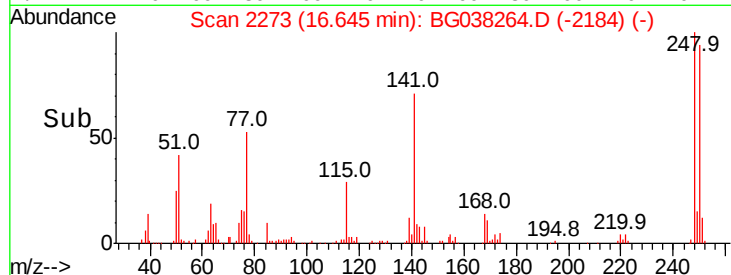
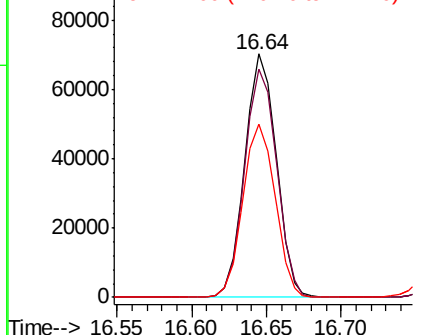


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 47.463 ng
RT: 16.76 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

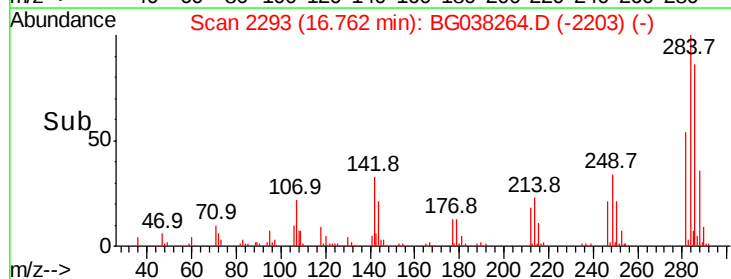
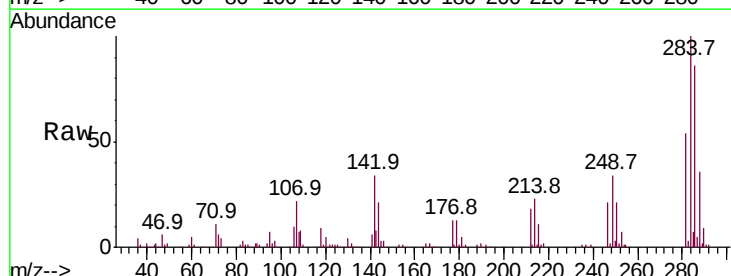
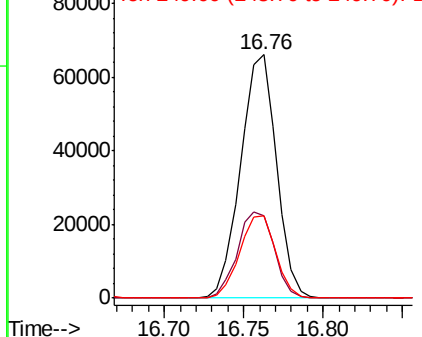
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	28.1	42.1
249	36.8	29.8	44.8

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





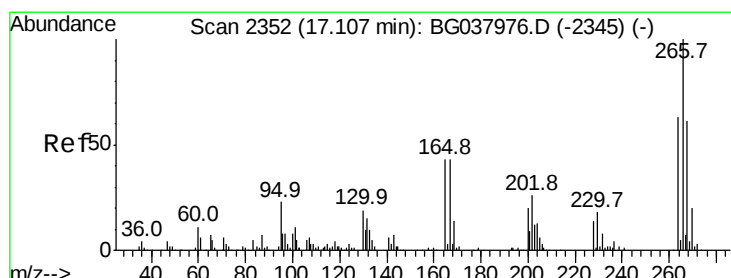
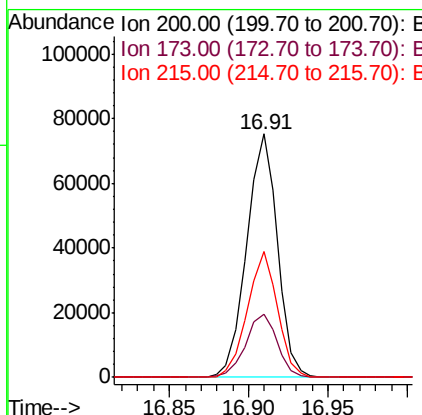
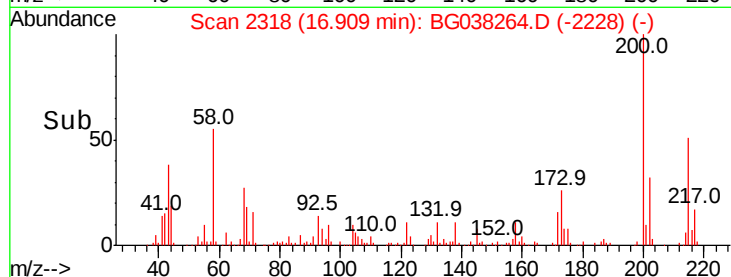
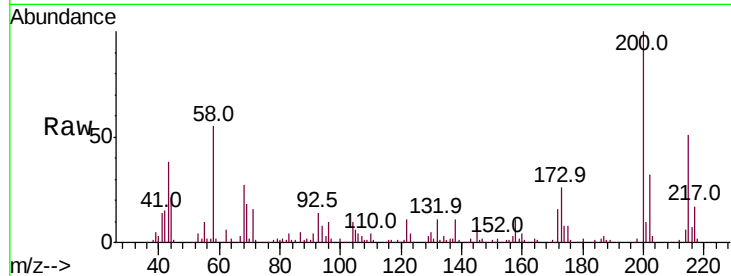
#69
Atrazine
Concen: 47.174 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	101304		
173	26.0	6.1	46.1	
215	51.5	30.8	70.8	

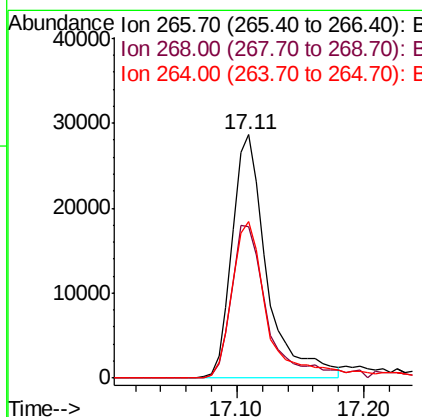
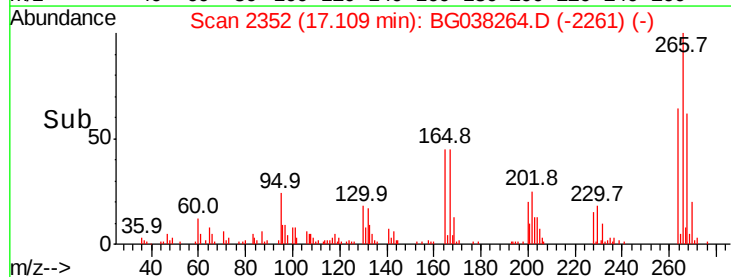
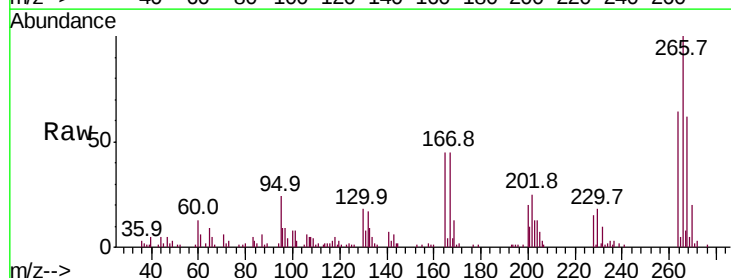
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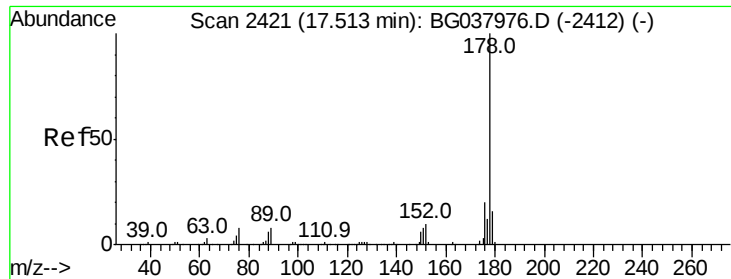
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#70
Pentachlorophenol
Concen: 36.622 ng
RT: 17.11 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	54260		
268	66.8	55.0	82.6	
264	68.7	58.9	88.3	





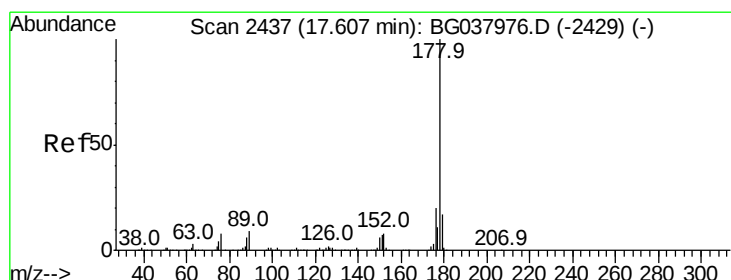
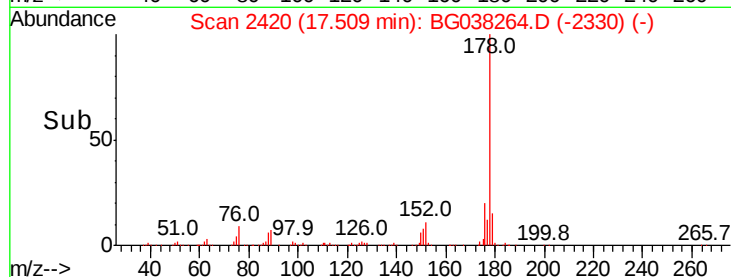
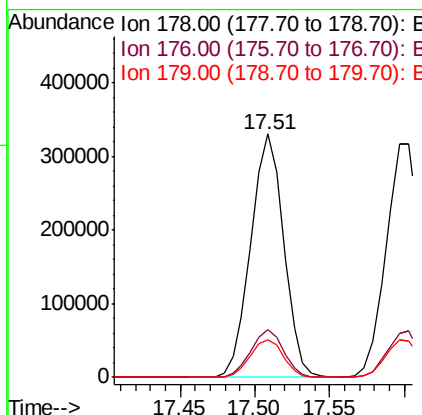
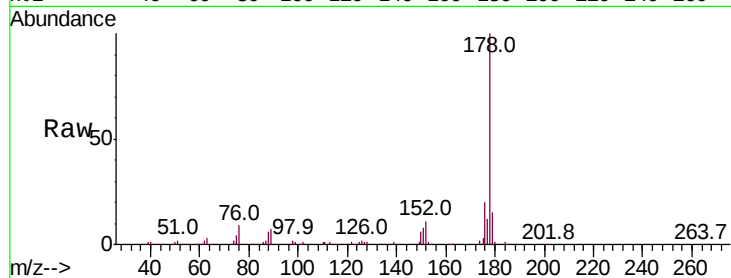
#71
Phenanthrene
Concen: 51.053 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.1	24.1
179	15.4	13.0	19.4

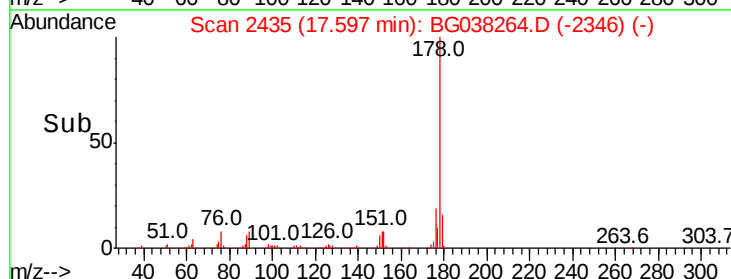
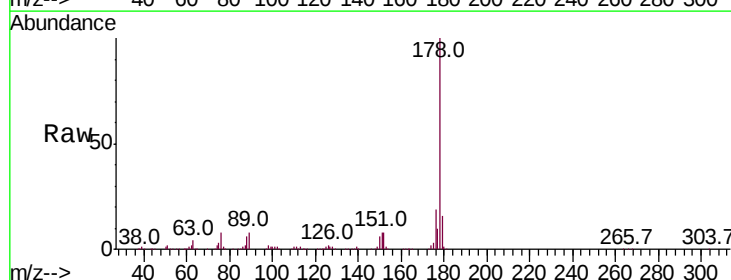
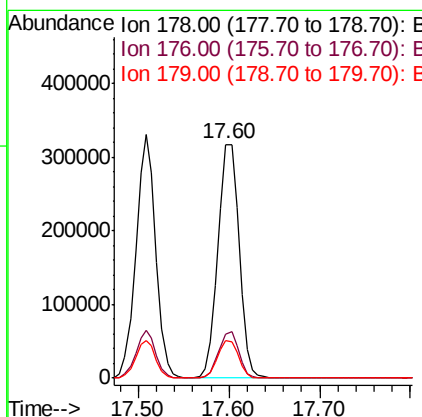
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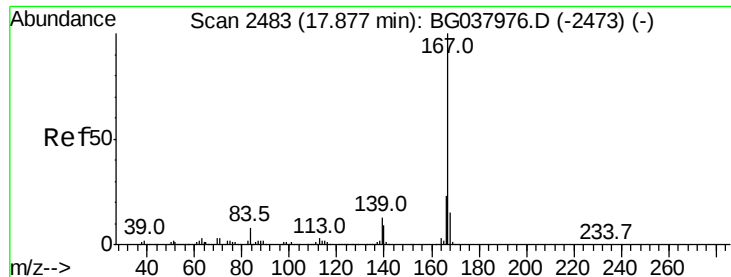
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#72
Anthracene
Concen: 53.021 ng
RT: 17.60 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	16.1	12.8	19.2





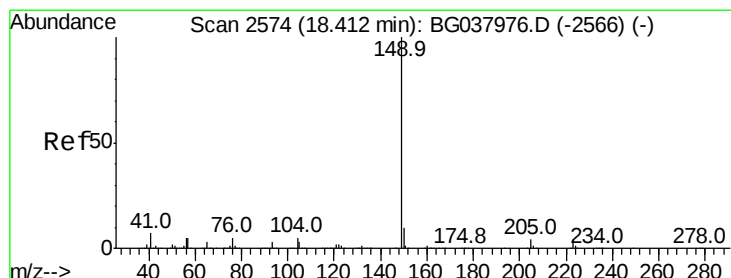
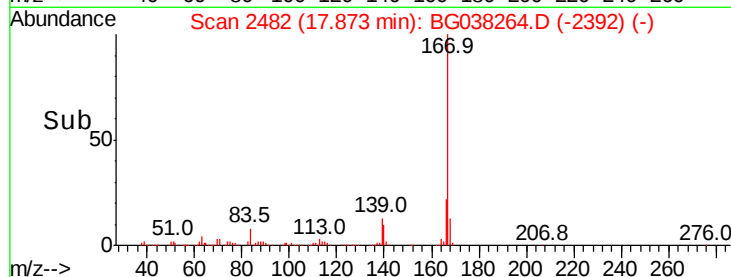
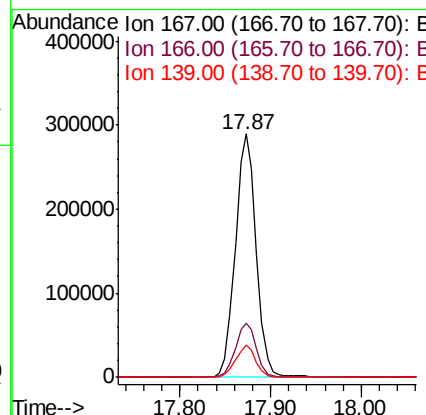
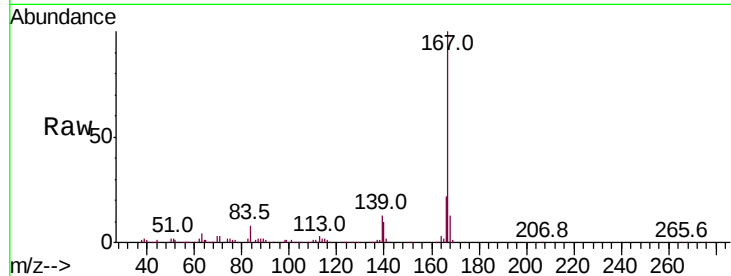
#73
 Carbazole
 Concen: 47.496 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	463098		
166	22.0		18.3	27.5
139	13.1		10.5	15.7

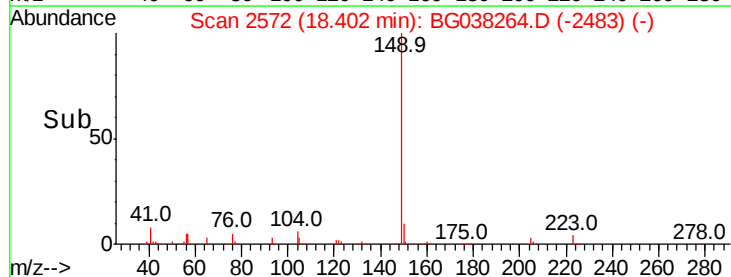
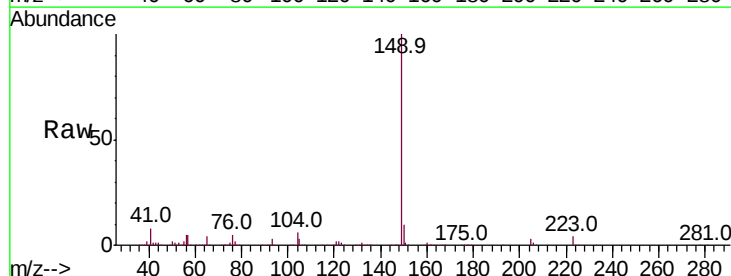
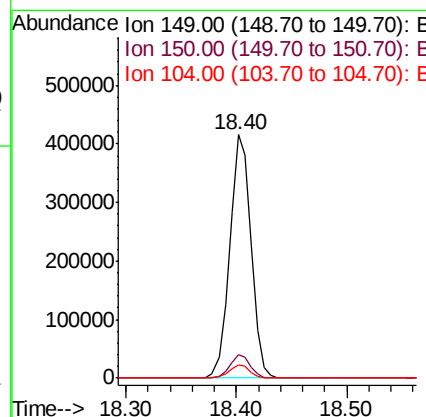
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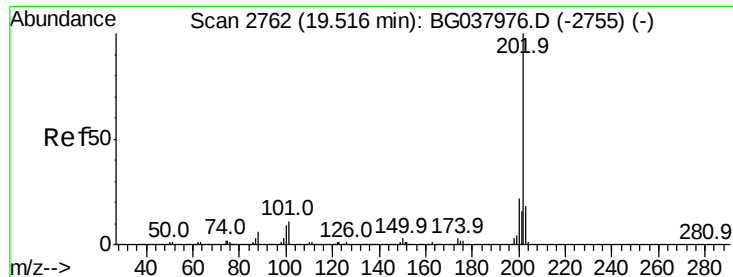
mohammad
 12/3/2018 3:33:19 PM



#74
 Di-n-butylphthalate
 Concen: 51.217 ng
 RT: 18.40 min Scan# 2572
 Delta R.T. -0.01 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	560567		
150	9.7		8.2	12.2
104	5.6		4.0	6.0





#75

Fluoranthene

Concen: 52.586 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Instrument :

BNA_G

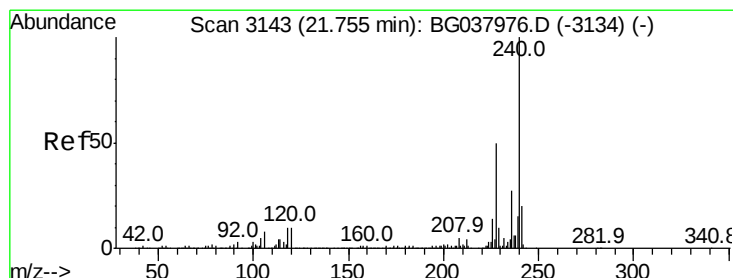
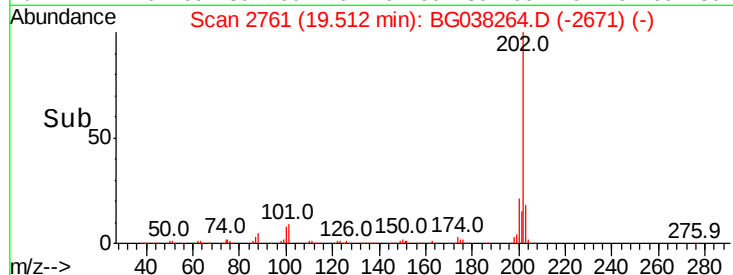
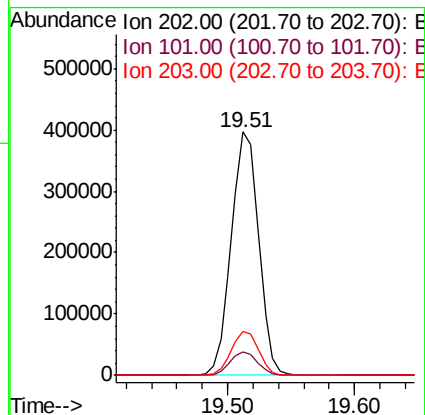
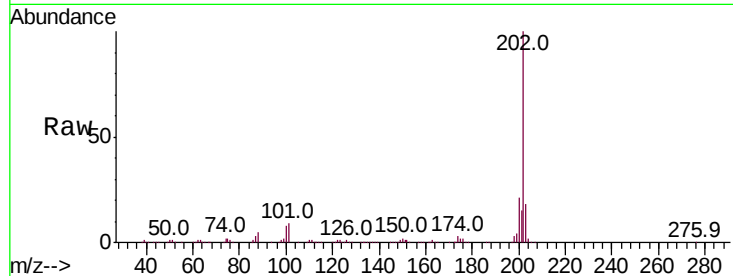
ClientSampleId :

AU-06-112918MSD

Tot Ion:	202	Resp:	591495
Ion Ratio		Lower	Upper
202	100		
101	9.4	0.0	30.7
203	18.1	0.0	38.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

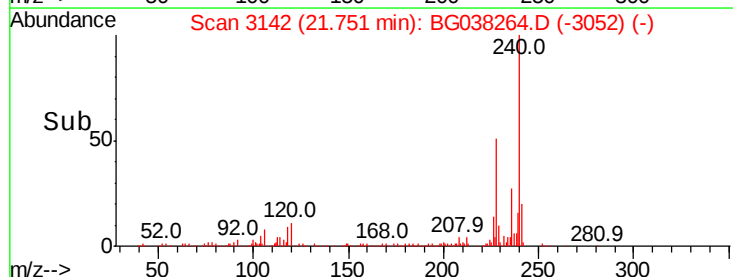
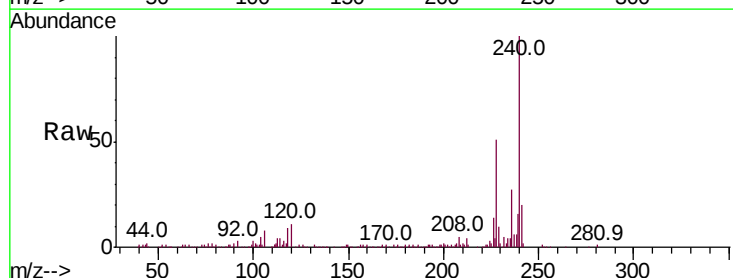
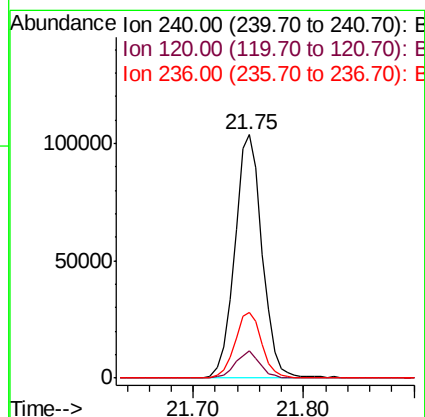
RT: 21.75 min Scan# 3142

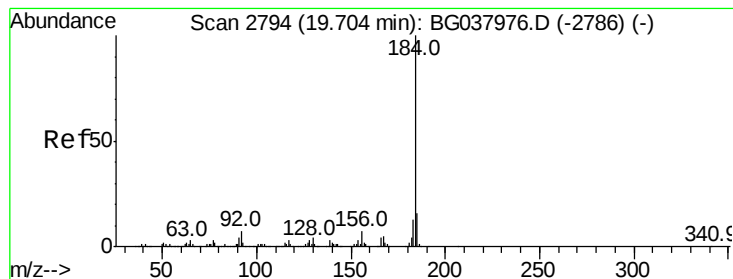
Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Tgt Ion:	240	Resp:	180194
Ion Ratio		Lower	Upper
240	100		
120	11.1	8.1	12.1
236	27.1	21.4	32.0





#77

Benzidine

Concen: 6.736 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Instrument :

BNA_G

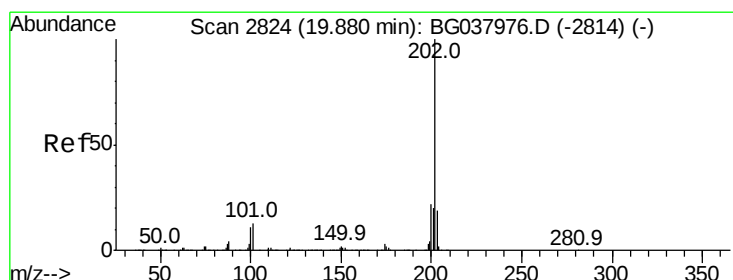
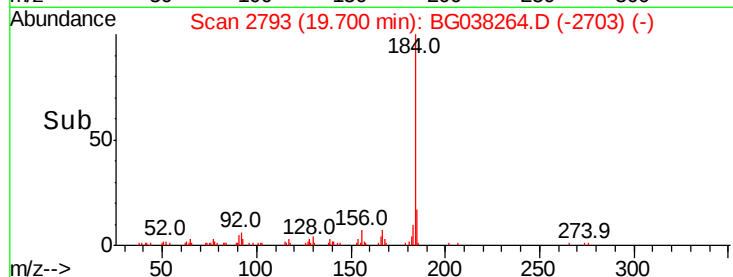
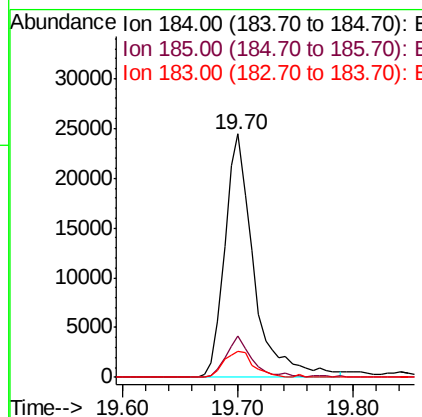
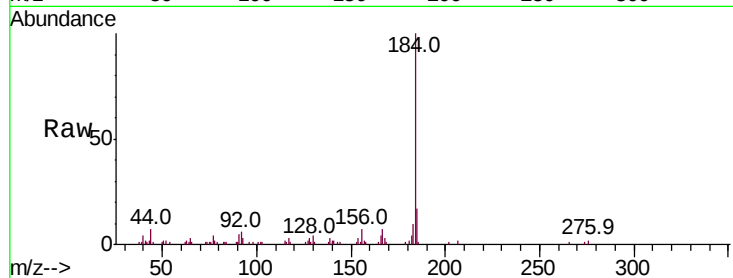
ClientSampleId :

AU-06-112918MSD

Tot Ion:	184	Resp:	42593
Ion Ratio	Lower	Upper	
184	100		
185	17.1	12.6	18.8
183	10.4	10.2	15.2

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#78

Pyrene

Concen: 51.173 ng

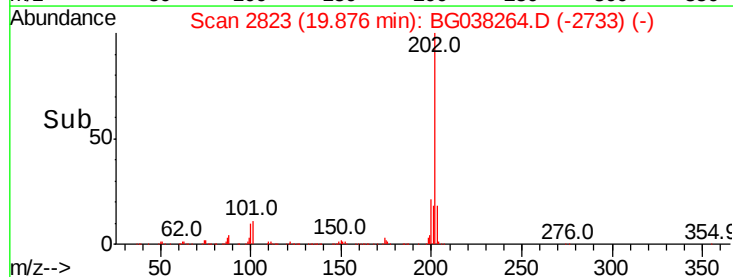
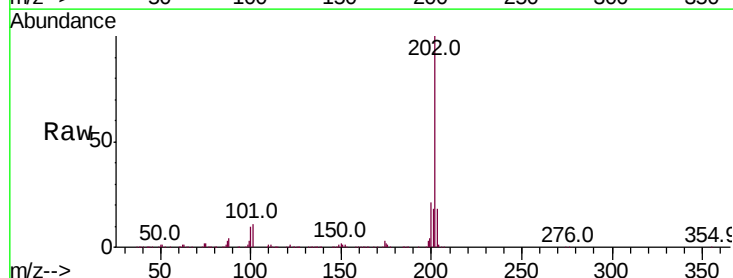
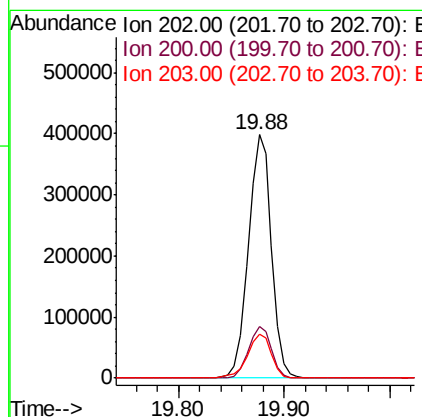
RT: 19.88 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Tgt Ion:	202	Resp:	602875
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.8	26.6
203	17.9	15.2	22.8





#79

Terphenyl-d14

Concen: 98.297 ng

RT: 20.06 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Instrument :

BNA_G

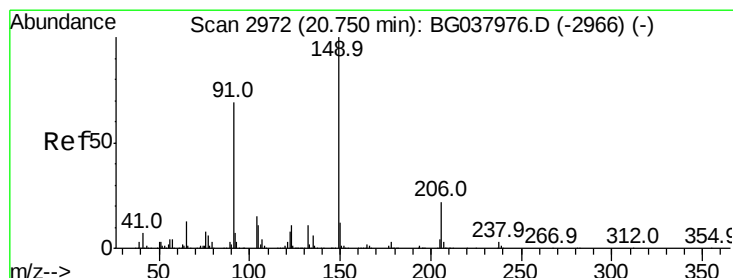
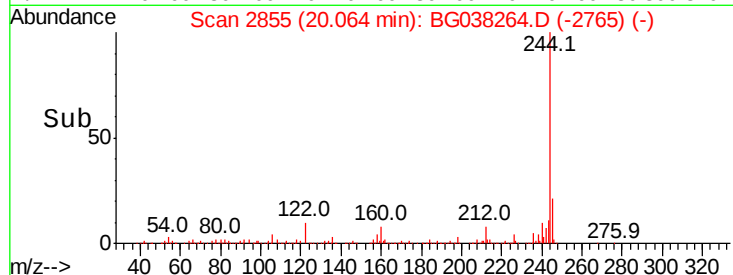
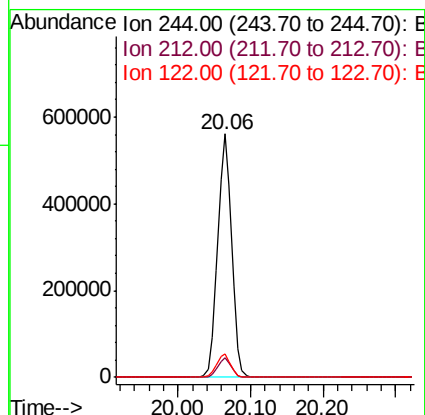
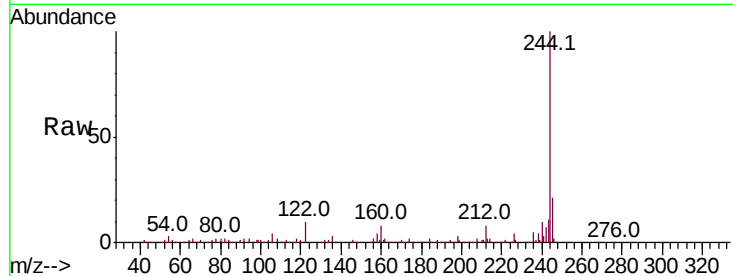
ClientSampleId :

AU-06-112918MSD

Tot Ion:	244	Resp:	752761
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.5	9.7
122	9.8	9.0	13.4

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#80

Butylbenzylphthalate

Concen: 48.286 ng

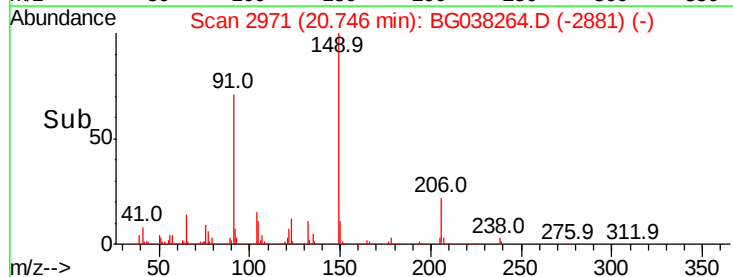
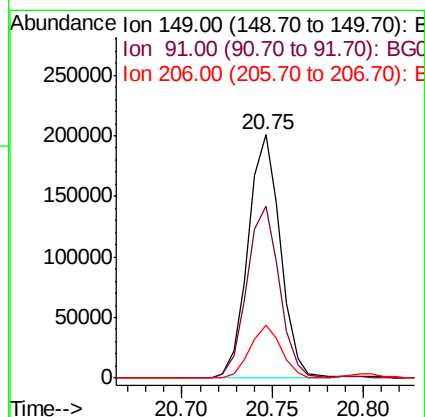
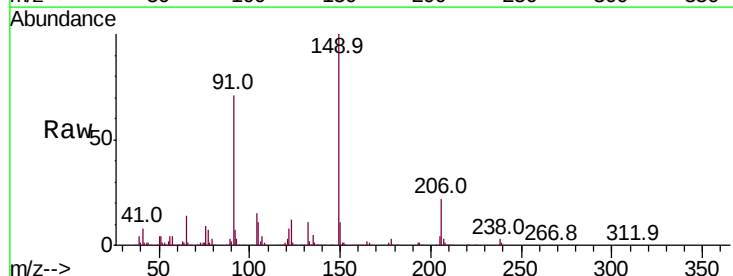
RT: 20.75 min Scan# 2971

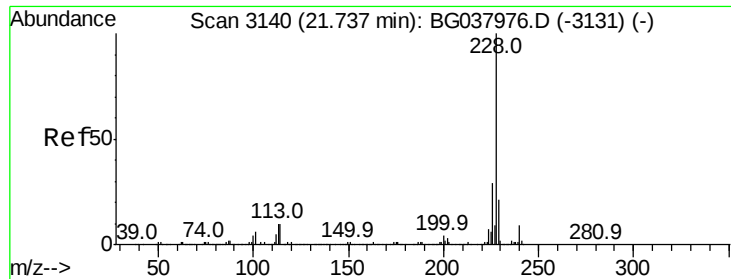
Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Tgt Ion:	149	Resp:	248776
Ion Ratio	Lower	Upper	
149	100		
91	70.6	57.0	85.4
206	21.7	17.8	26.6





#81

Benzo(a)anthracene

Concen: 51.816 ng

RT: 21.73 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Instrument :

BNA_G

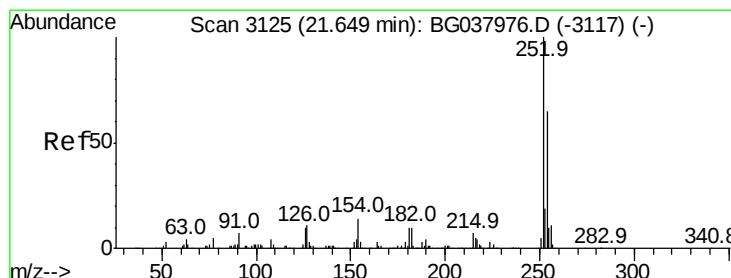
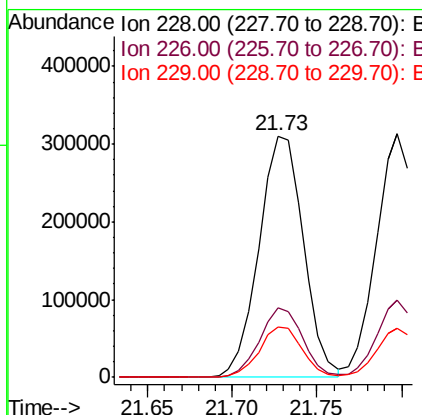
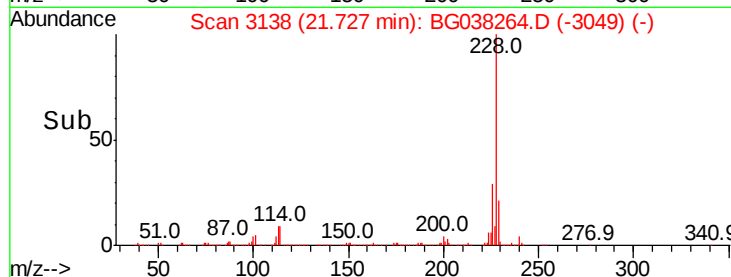
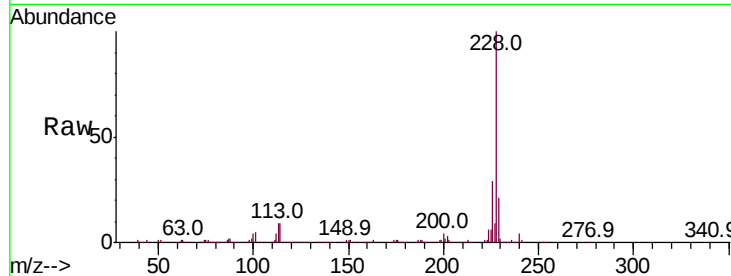
ClientSampleId :

AU-06-112918MSD

Tot Ion:	228	Resp:	564236
Ion Ratio	Lower	Upper	
228	100		
226	29.0	22.6	33.8
229	20.7	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 10.365 ng

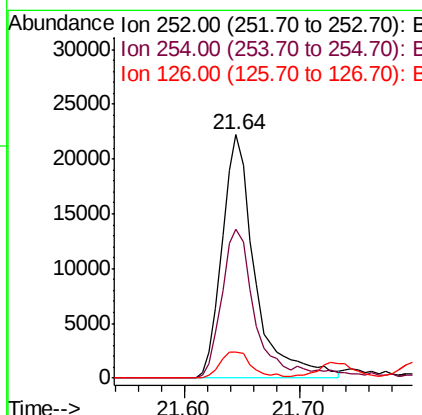
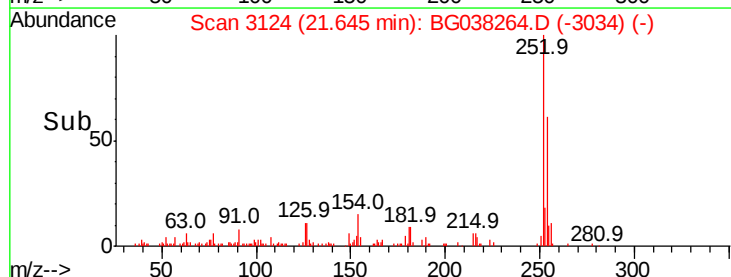
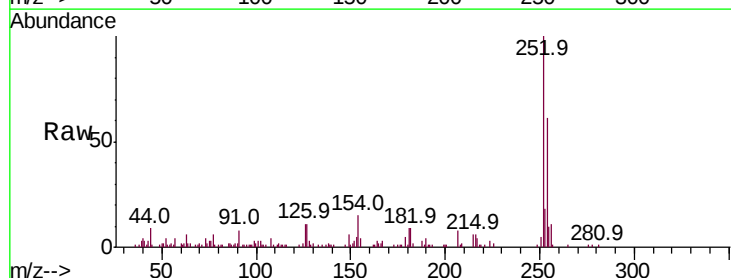
RT: 21.64 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Tgt Ion:	252	Resp:	43967
Ion Ratio	Lower	Upper	
252	100		
254	61.3	52.0	78.0
126	10.7	8.2	12.4





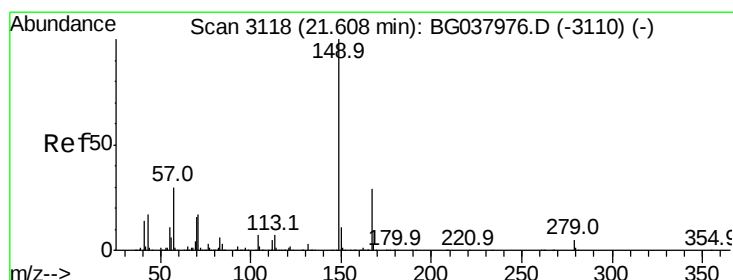
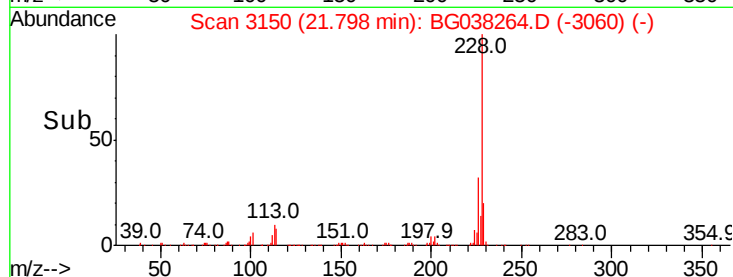
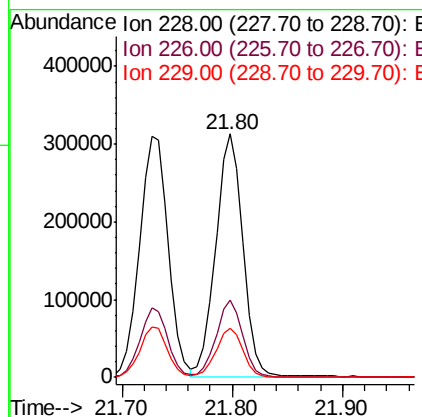
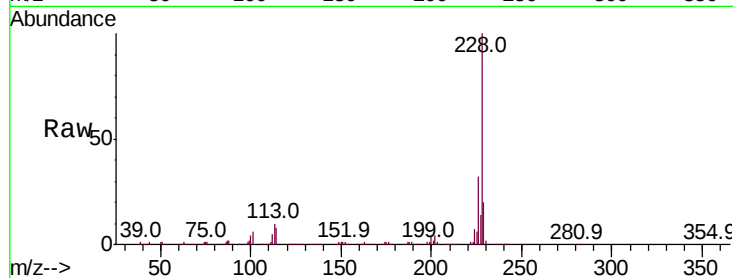
#83
 Chrvsene
 Concen: 51.033 ng
 RT: 21.80 min Scan# 3150
 Delta R.T. -0.00 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.7	38.5
229	20.3	16.5	24.7

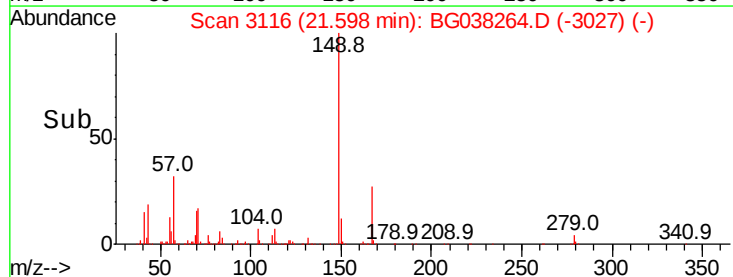
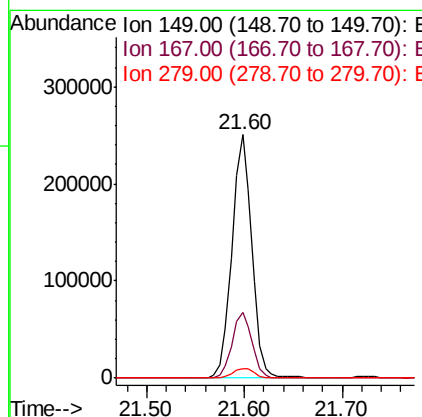
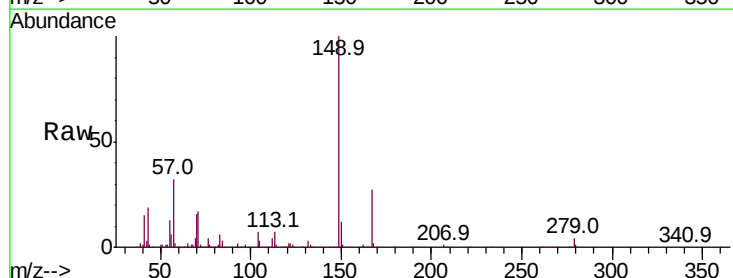
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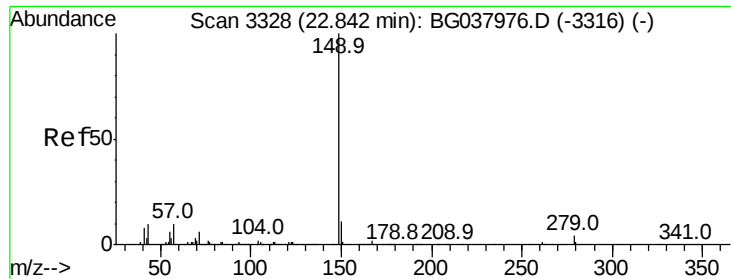
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.181 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	23.0	34.4
279	3.9	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 48.719 ng

RT: 22.83 min Scan# 3326

Delta R.T. -0.01 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Instrument :

BNA_G

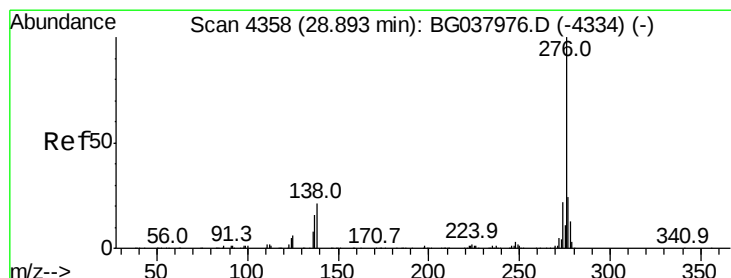
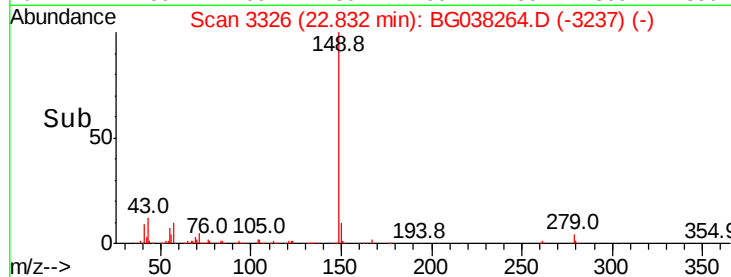
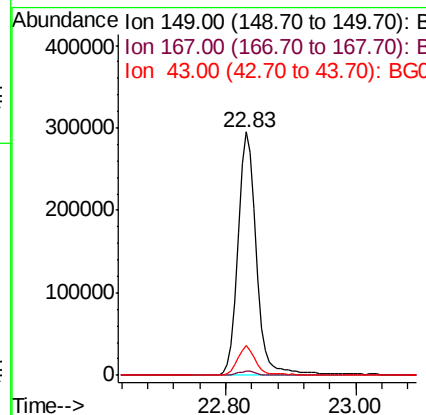
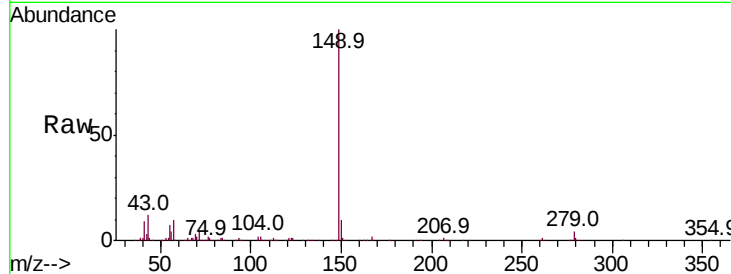
ClientSampleId :

AU-06-112918MSD

Tot Ion:	149	Resp:	579102
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	11.4	8.7	13.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 34.413 ng

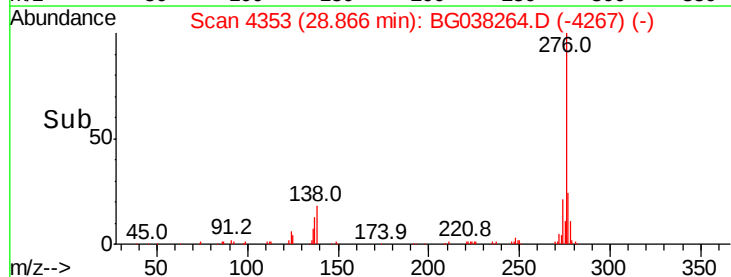
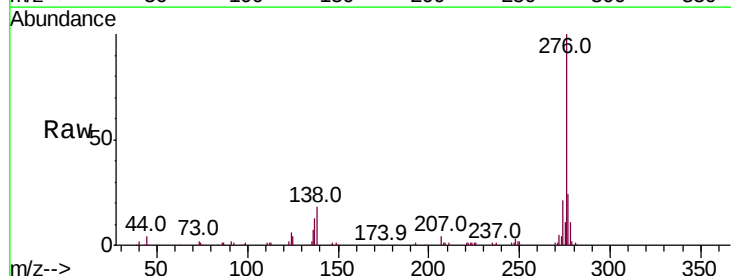
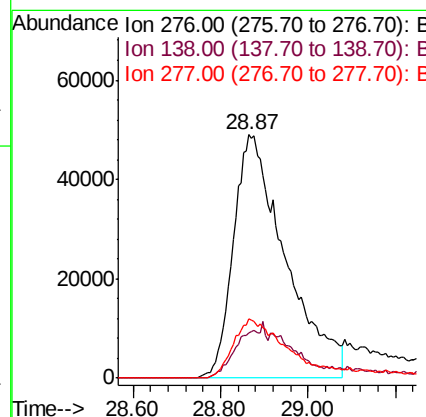
RT: 28.87 min Scan# 4353

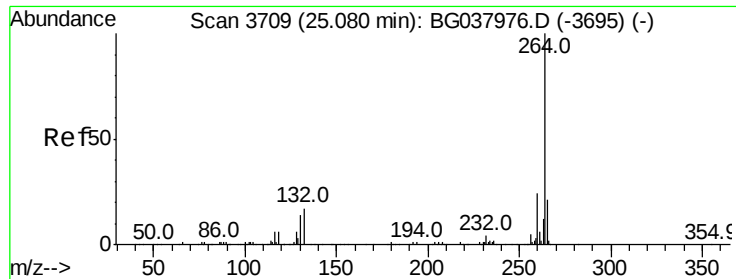
Delta R.T. -0.03 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Tgt Ion:	276	Resp:	398213
Ion Ratio	Lower	Upper	
276	100		
138	0.0	12.0	18.0#
277	23.7	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Instrument :

BNA_G

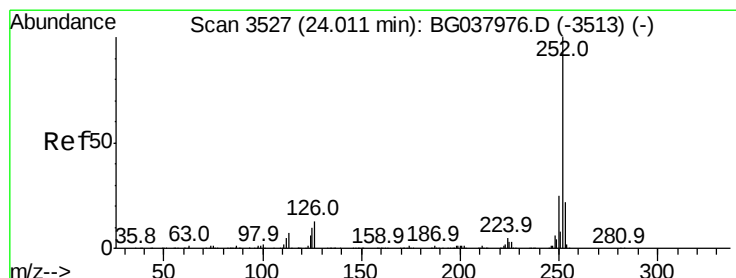
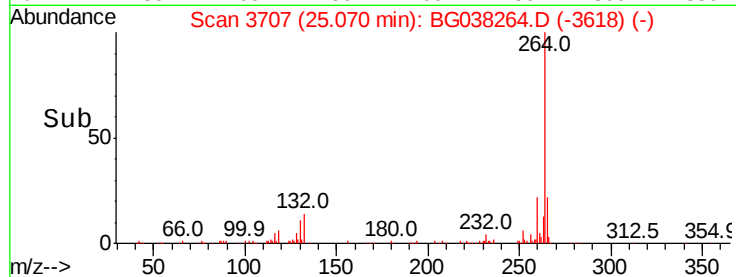
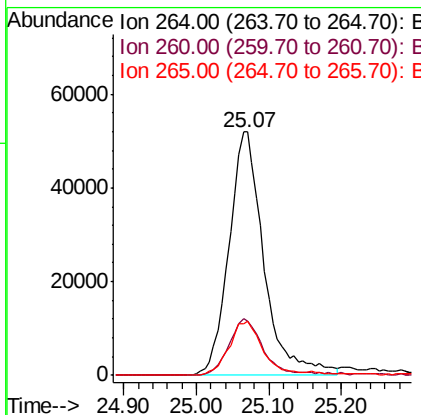
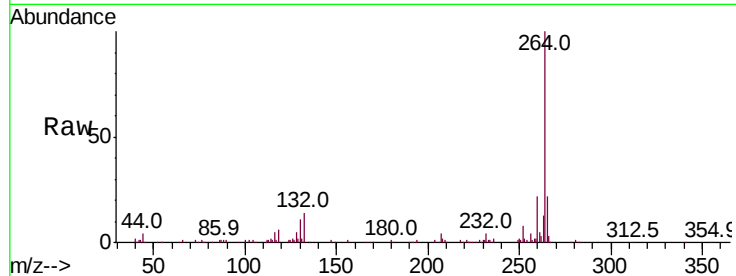
ClientSampleId :

AU-06-112918MSD

Tot Ion:	264	Resp:	174035
Ion Ratio	Lower	Upper	
264	100		
260	22.4	18.2	27.4
265	22.3	17.9	26.9

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#88

Benzo(b)fluoranthene

Concen: 54.463 ng

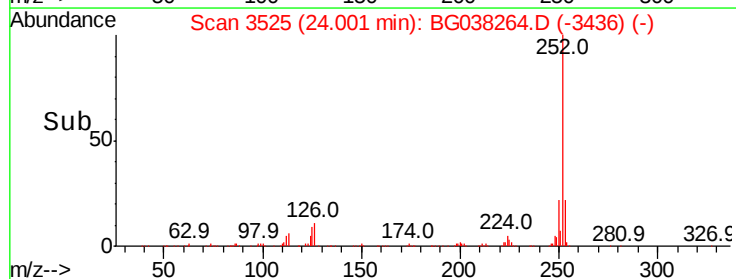
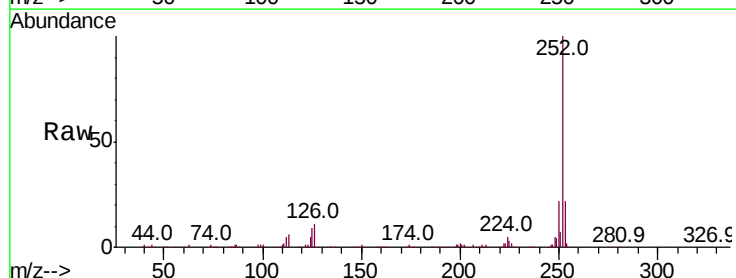
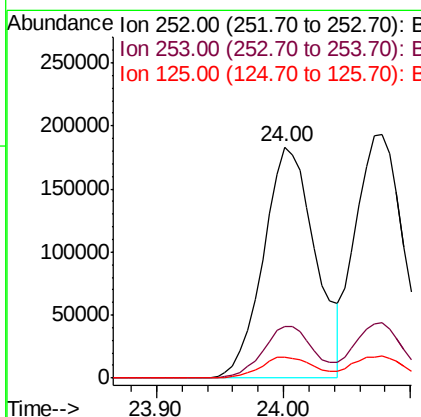
RT: 24.00 min Scan# 3525

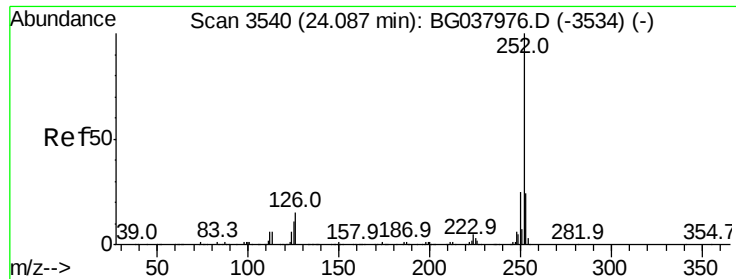
Delta R.T. -0.01 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Tgt Ion:	252	Resp:	521602
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.2
125	9.3	7.8	11.6





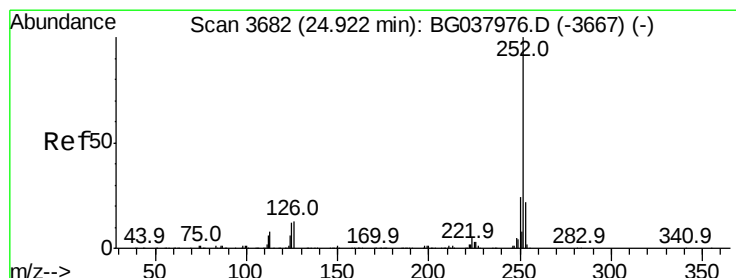
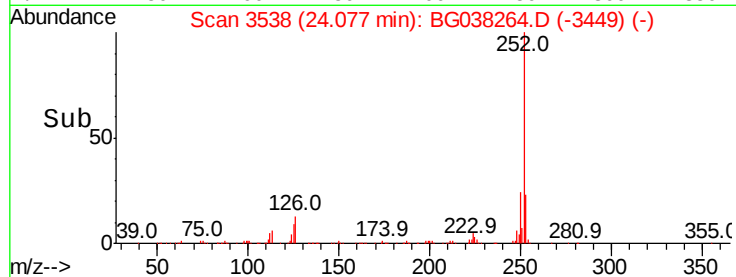
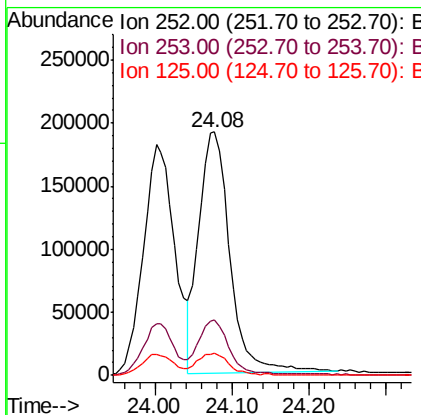
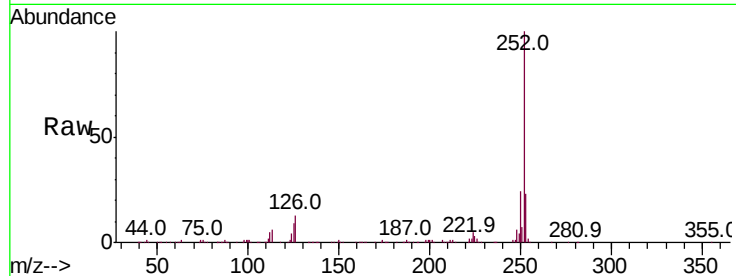
#89
Benzo(k)fluoranthene
Concen: 56.350 ng
RT: 24.08 min Scan# 3538
Delta R.T. -0.01 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	9.3	7.4	11.0

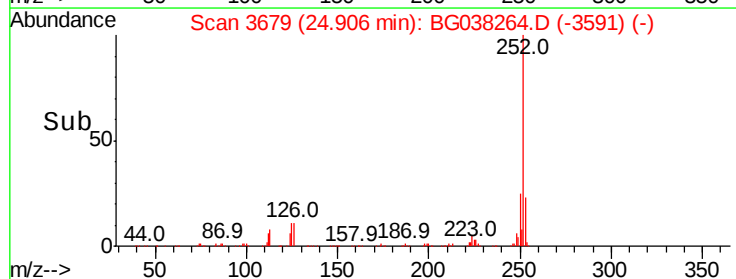
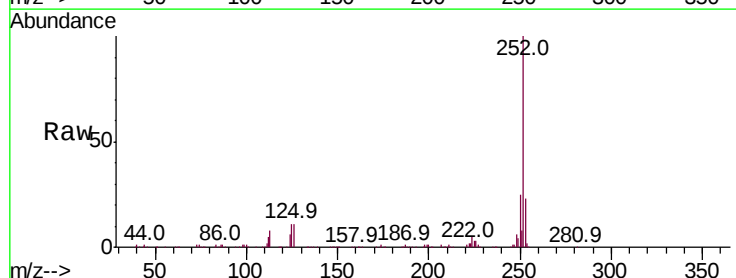
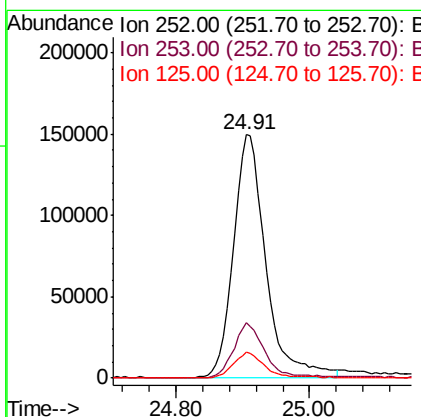
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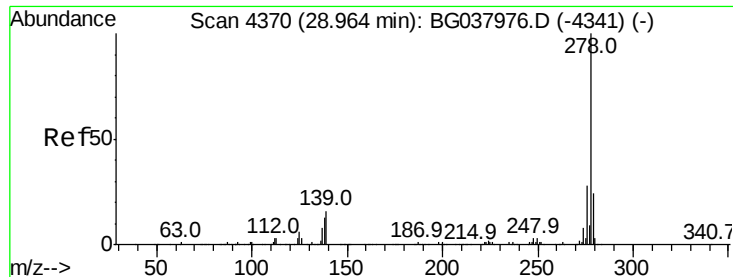
mohammad
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#90
Benzo(a)pyrene
Concen: 54.590 ng
RT: 24.91 min Scan# 3679
Delta R.T. -0.02 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	10.6	9.0	13.6





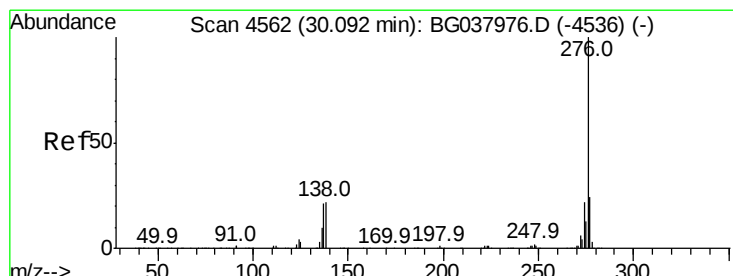
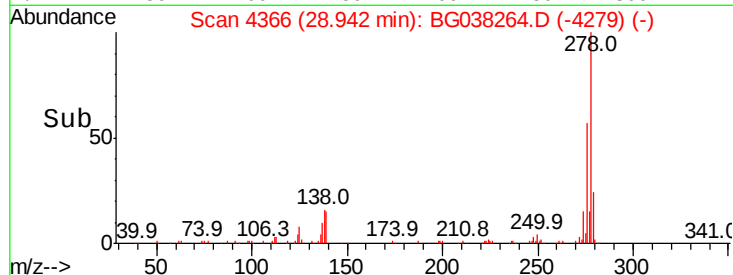
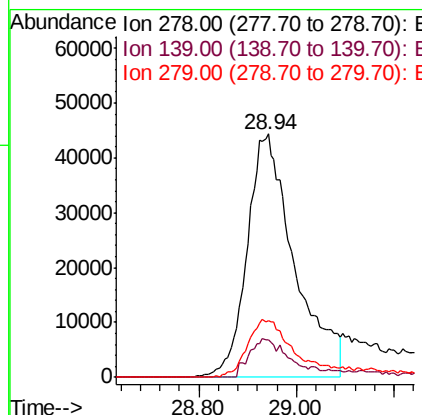
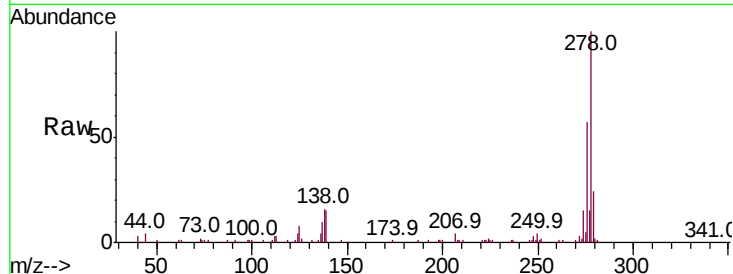
#91
Dibenzo(a,h)anthracene
Concen: 33.926 ng
RT: 28.94 min Scan# 4366
Delta R.T. -0.02 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.5	17.3
279	23.5	18.6	27.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 36.107 ng
RT: 30.06 min Scan# 4557
Delta R.T. -0.03 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.9	28.3
138	18.7	17.2	25.8

