

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

Quant Time: Dec 01 03:30:46 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	15000	21.181	ng	96
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

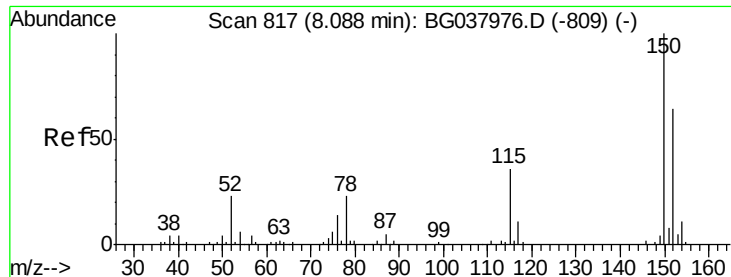
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

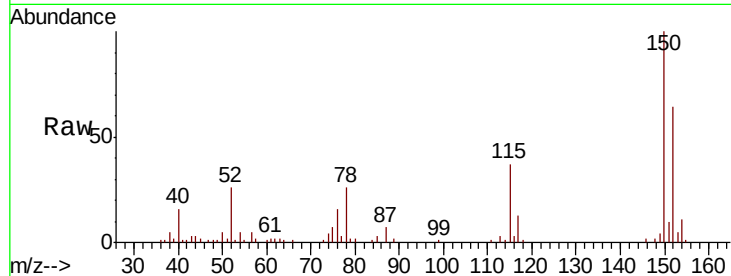


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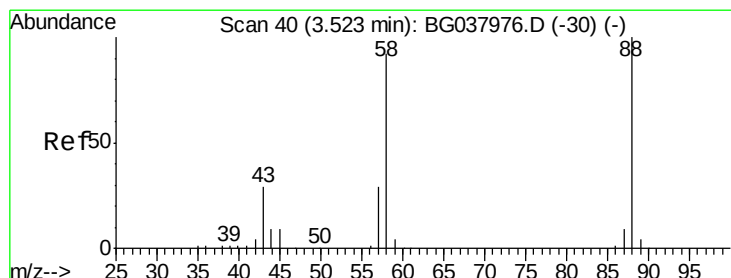
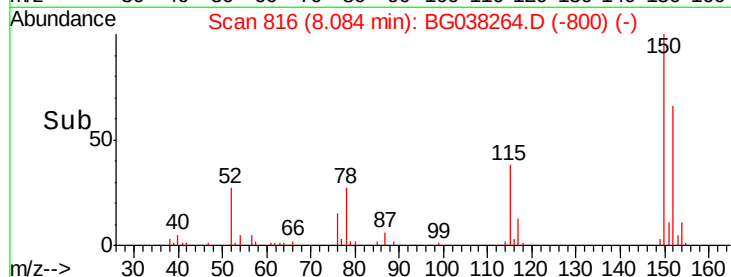
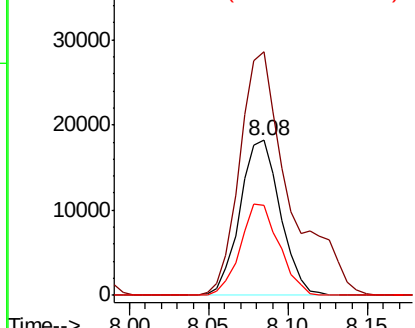
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion:152 Resp: 32121
Ion Ratio Lower Upper
152 100
150 157.4 126.0 189.0
115 57.9 45.5 68.3



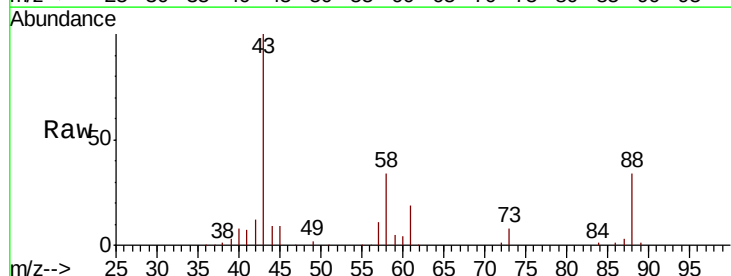
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



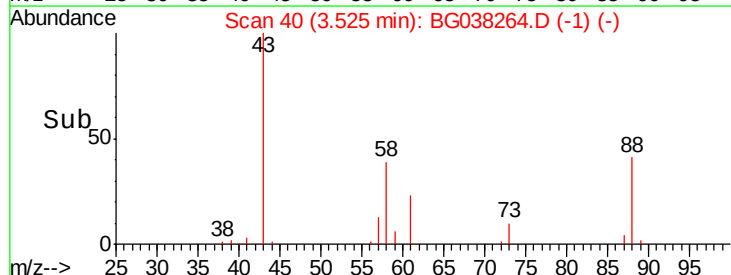
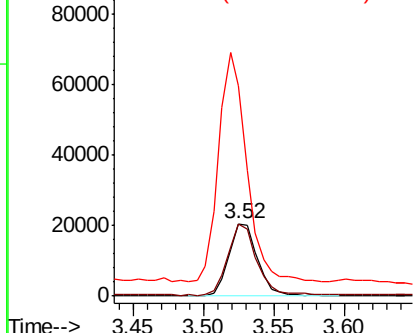
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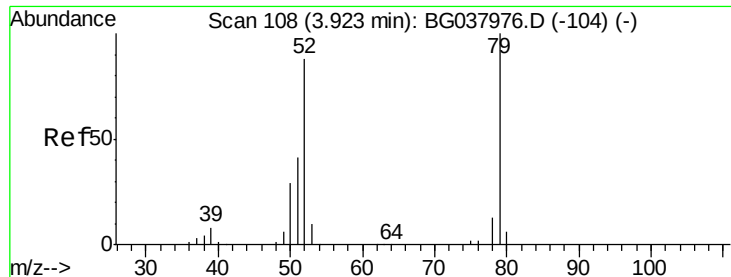
1,4-Dioxane
Concen: 33.236 ng
RT: 3.52 min Scan# 40
Delta R.T. 0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion: 88 Resp: 29206
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

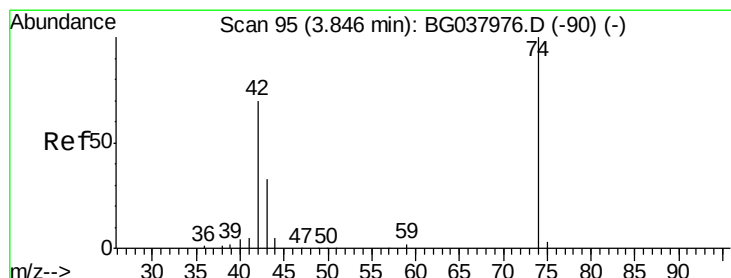
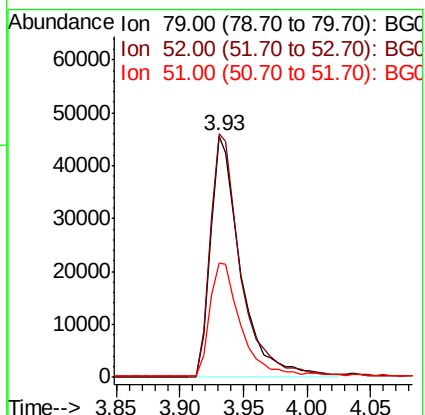
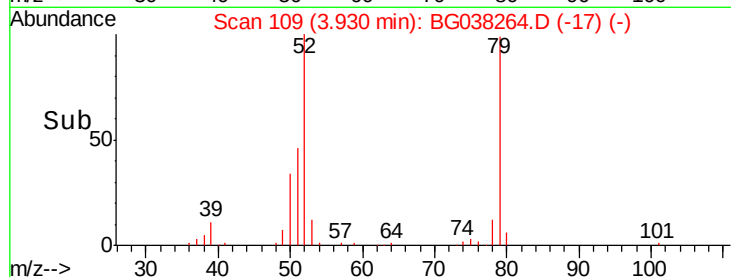
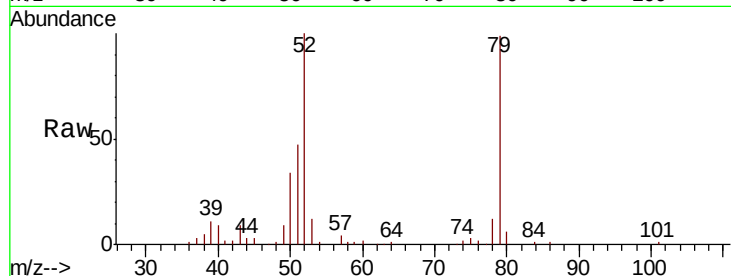
Tot Ion: 79 Resp: 75772

Ion Ratio Lower Upper

79 100

52 101.0 74.2 111.2

51 47.7 34.6 51.8



#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

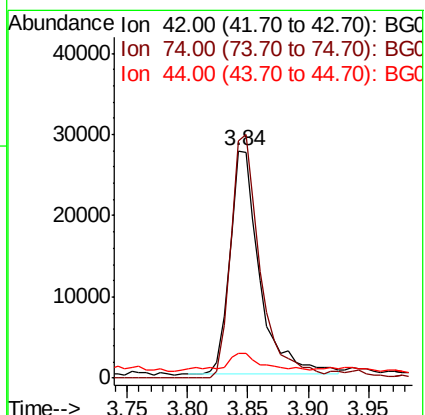
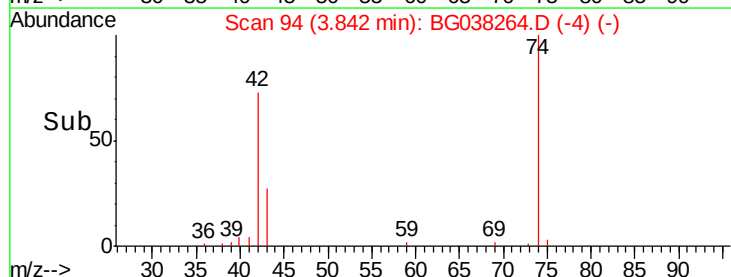
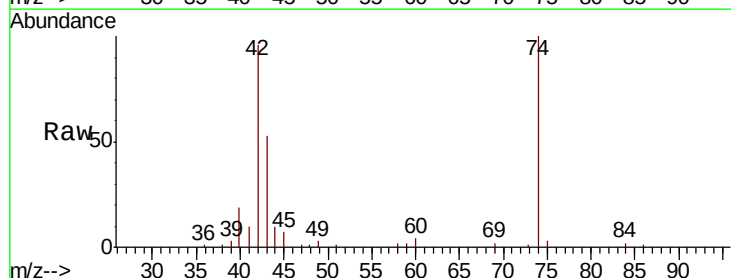
Tgt Ion: 42 Resp: 47329

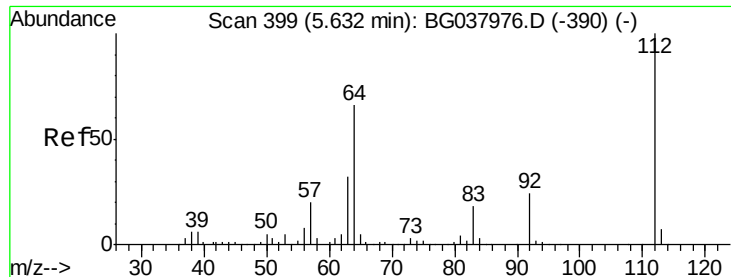
Ion Ratio Lower Upper

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 :

AU-06-112918MSD

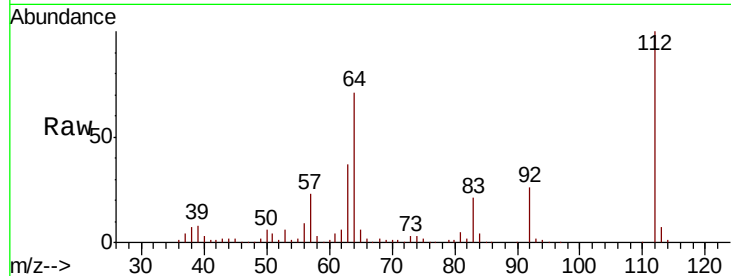
Tot Ion:112 Resp: 21595

Ion Ratio Lower Upper

112 100

64 70.6 53.1 79.7

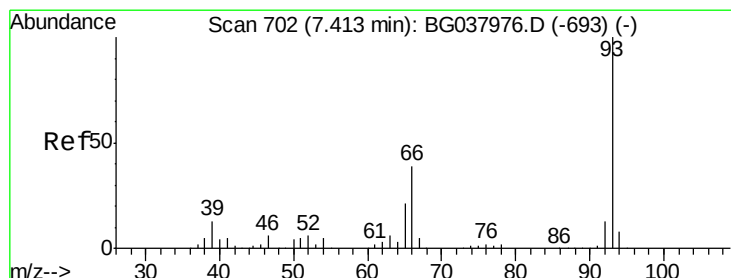
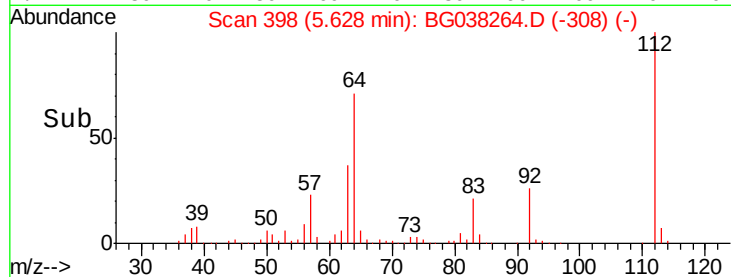
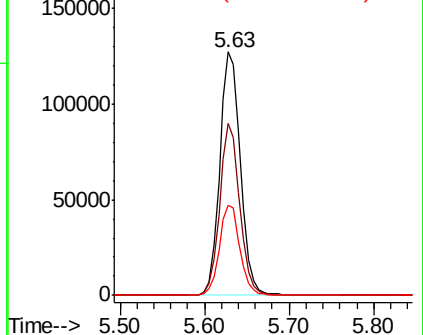
63 37.0 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#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

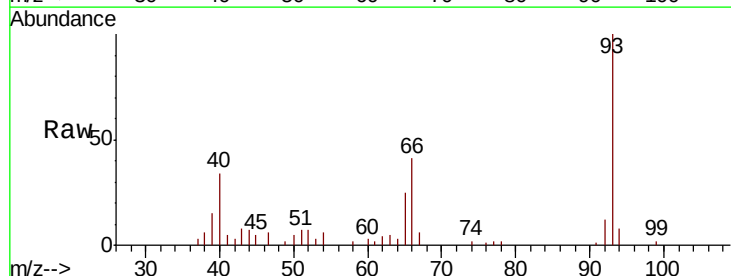
Tgt Ion: 93 Resp: 26613

Ion Ratio Lower Upper

93 100

66 41.3 32.8 49.2

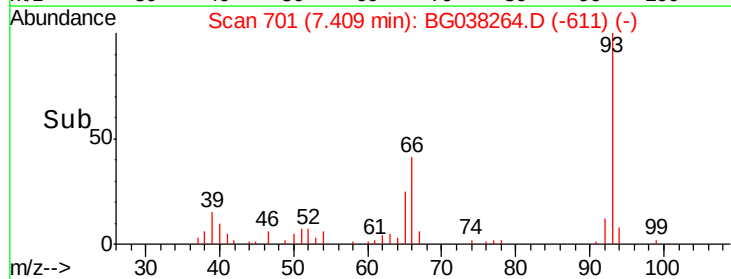
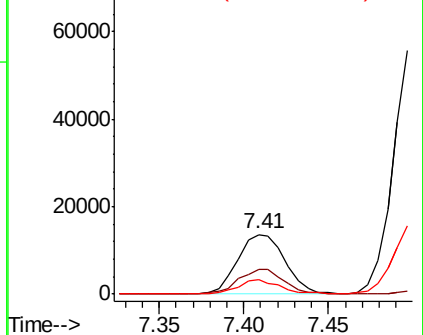
65 25.3 16.4 24.6#

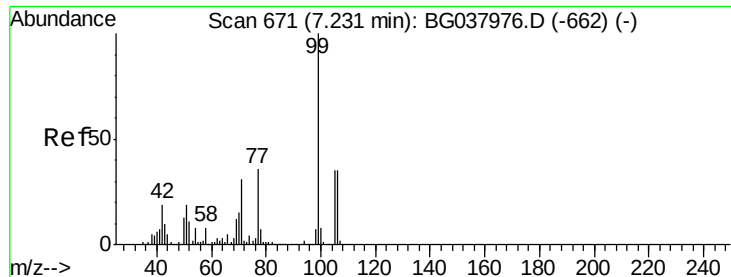


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#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 :

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ClientSampleId :

AU-06-112918MSD

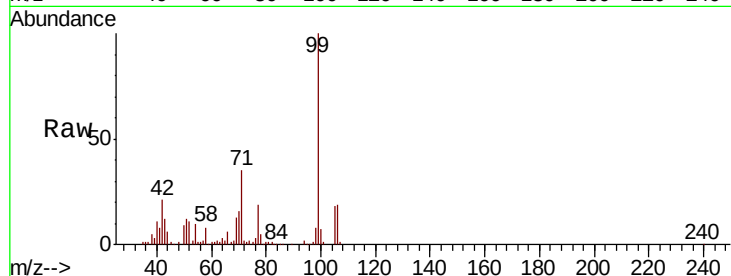
Tot Ion: 99 Resp: 268523

Ion Ratio Lower Upper

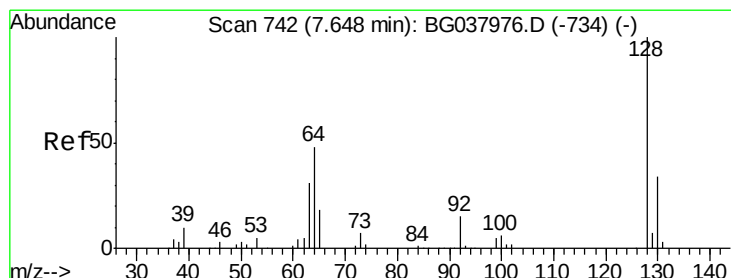
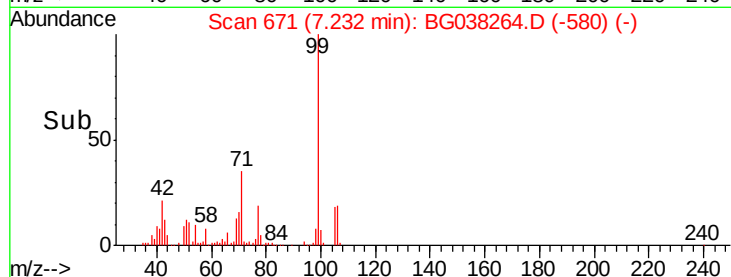
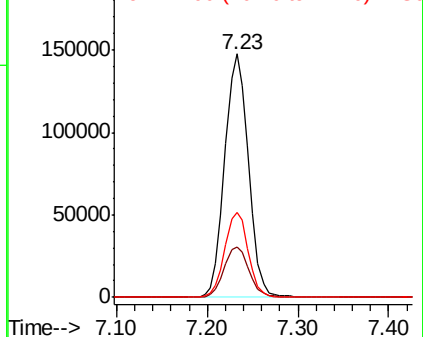
99 100

42 20.8 15.0 22.4

71 34.8 25.5 38.3



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



#8

2-Chlorophenol

Concen: 49.113 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

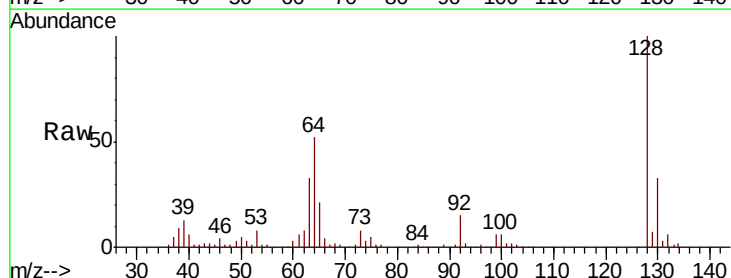
Tgt Ion: 128 Resp: 106020

Ion Ratio Lower Upper

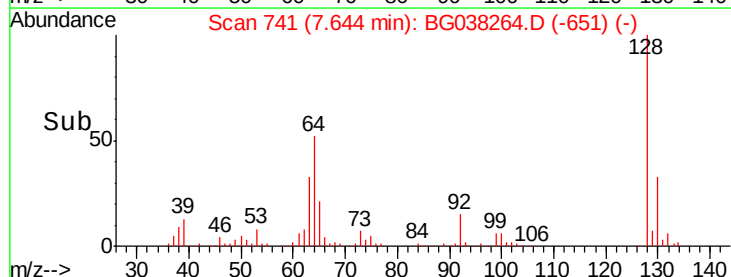
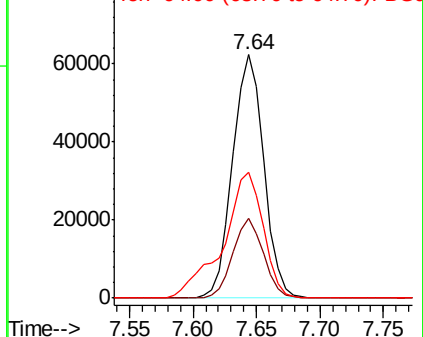
128 100

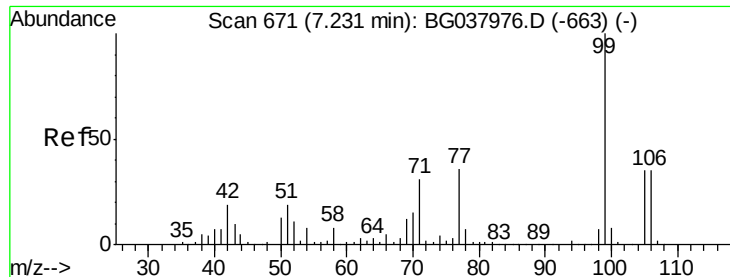
130 32.6 12.0 52.0

64 51.8 32.9 72.9



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





#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

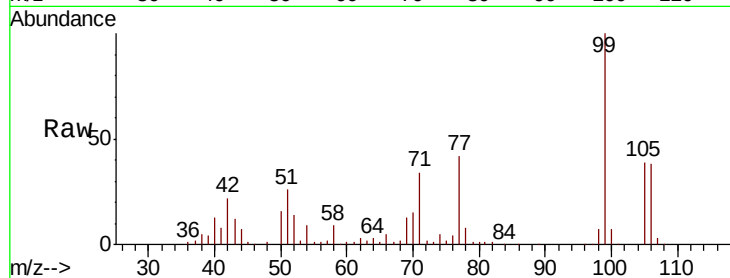
Tot Ion: 77 Resp: 69461

Ion Ratio Lower Upper

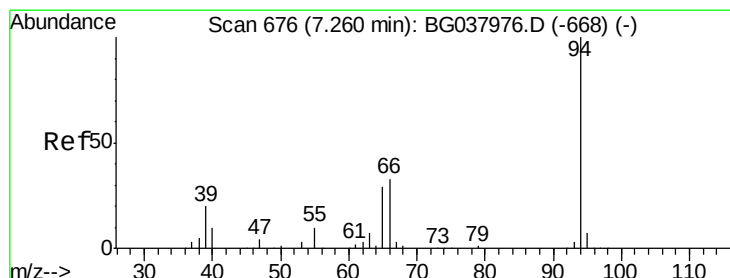
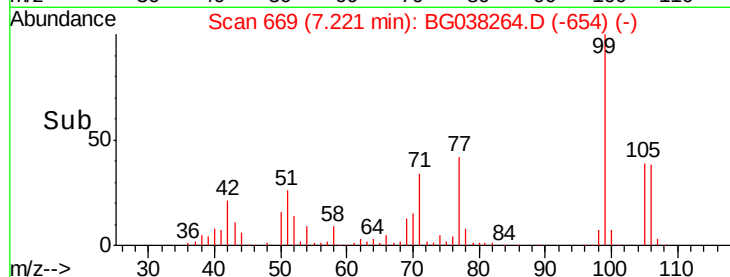
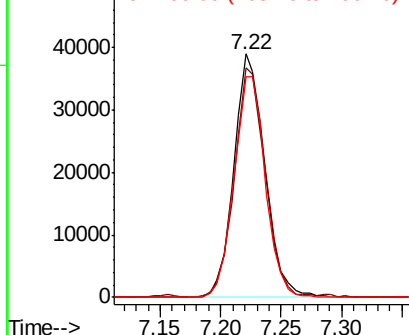
77 100

105 94.1 72.6 112.6

106 90.4 71.3 111.3



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

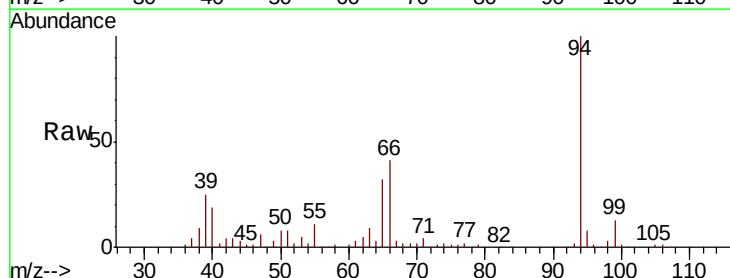
Tgt Ion: 94 Resp: 107671

Ion Ratio Lower Upper

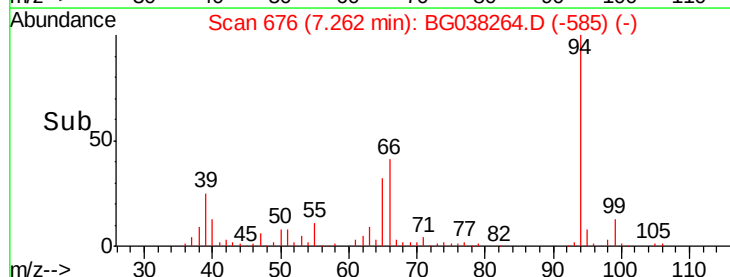
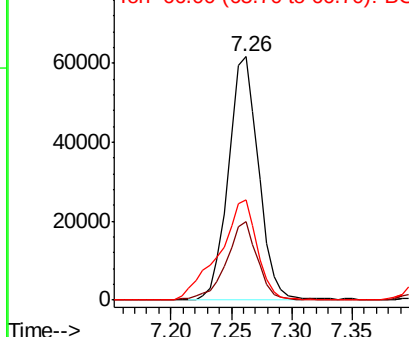
94 100

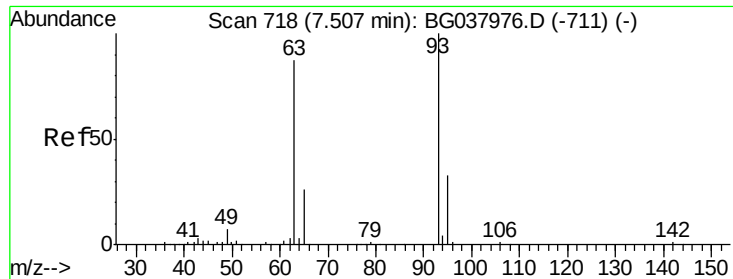
65 32.1 9.7 49.7

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

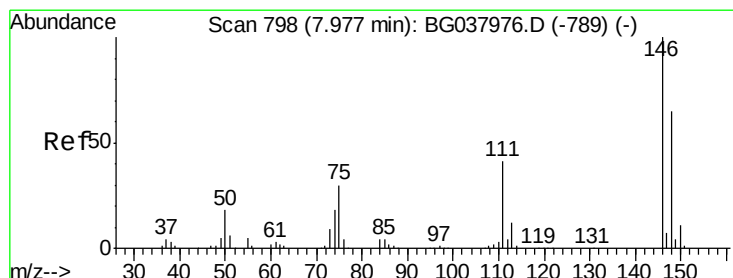
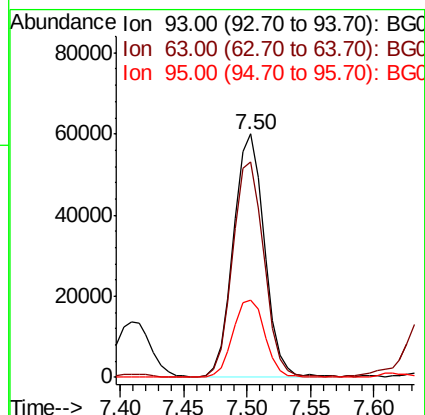
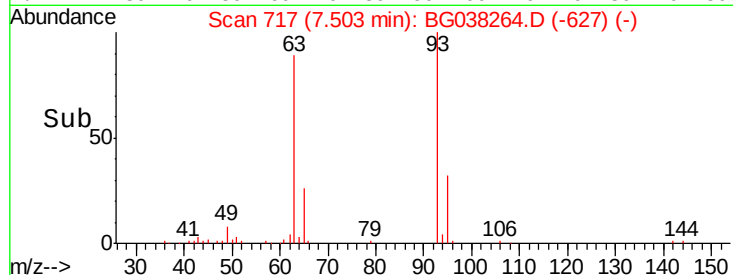
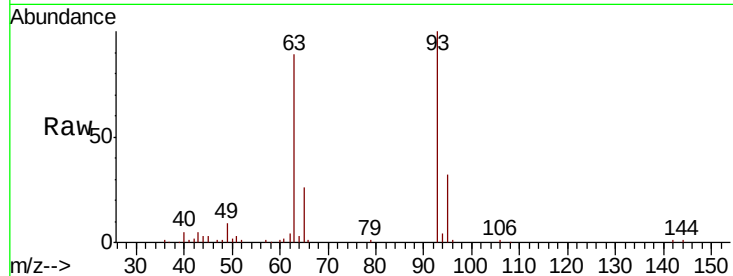
Tot Ion: 93 Resp: 100824

Ion Ratio Lower Upper

93 100

63 88.6 69.5 109.5

95 31.9 12.6 52.6



#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

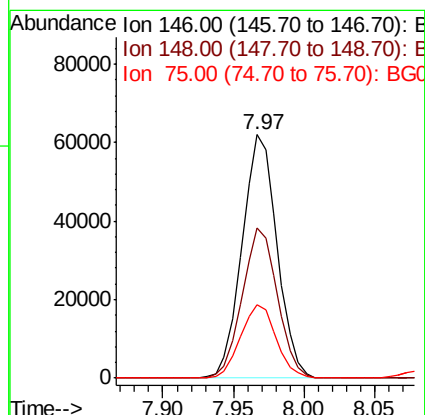
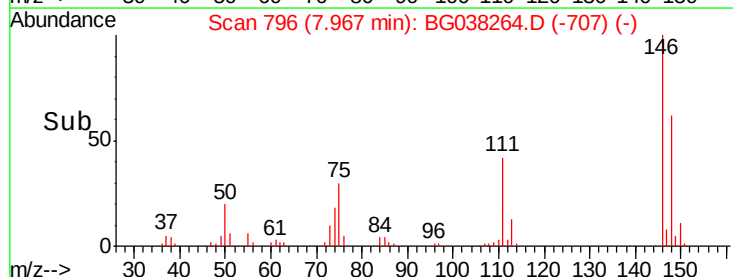
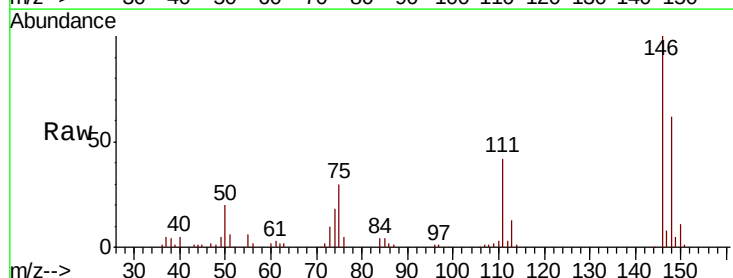
Tgt Ion: 146 Resp: 107171

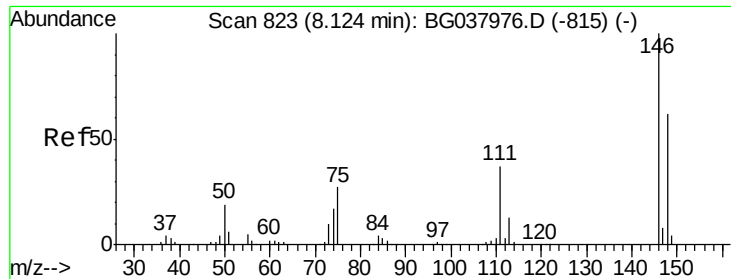
Ion Ratio Lower Upper

146 100

148 61.9 49.8 74.8

75 30.0 23.2 34.8

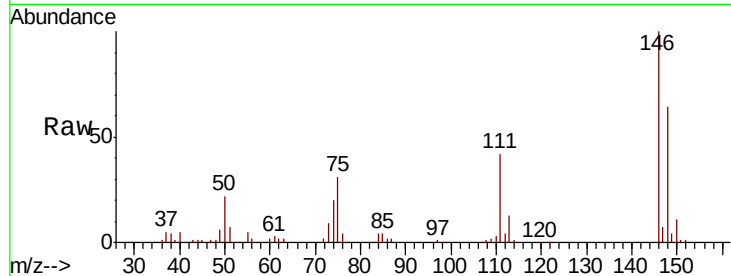




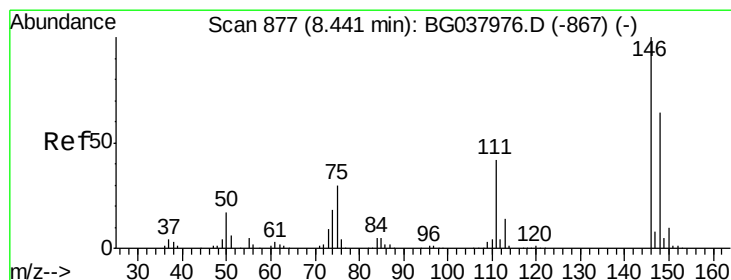
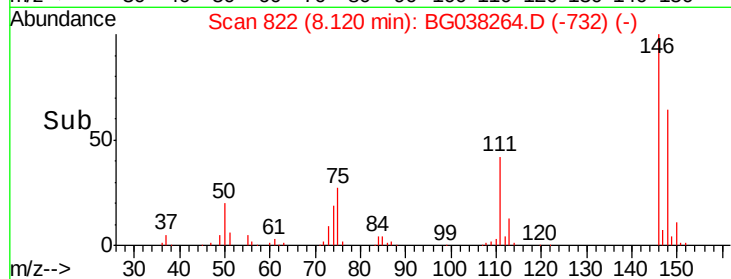
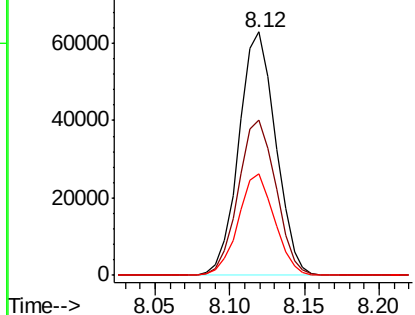
#13
 1,4-Dichlorobenzene
 Concen: 42.937 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

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

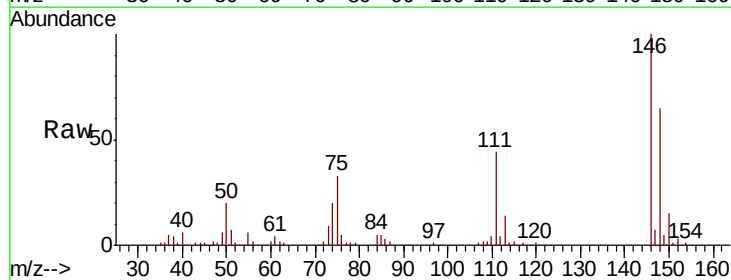


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

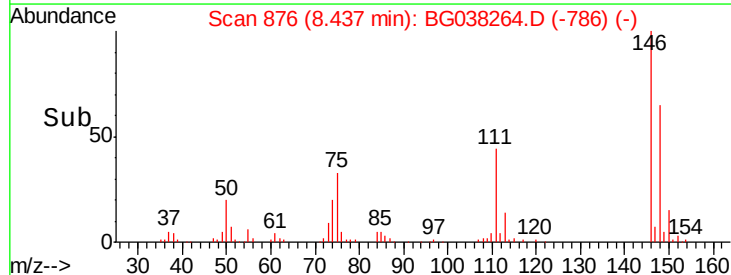
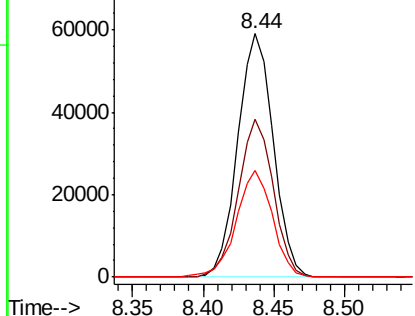


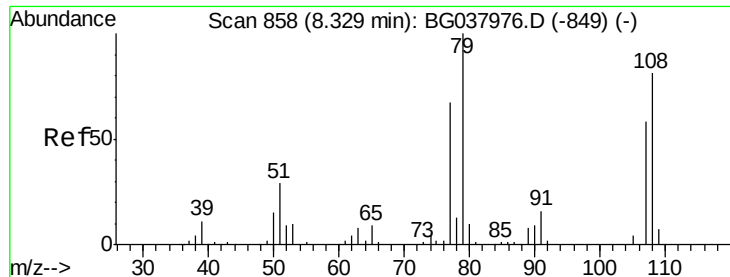
#14
 1,2-Dichlorobenzene
 Concen: 43.381 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

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



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 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

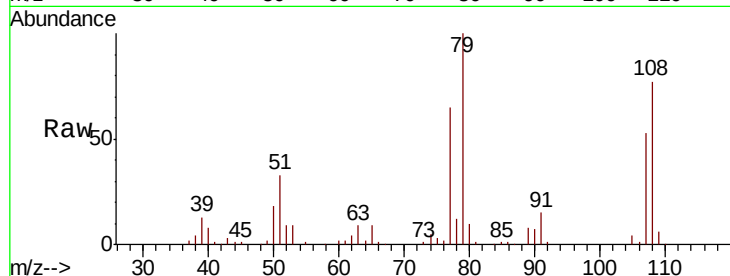
Tot Ion: 79 Resp: 94751

Ion Ratio Lower Upper

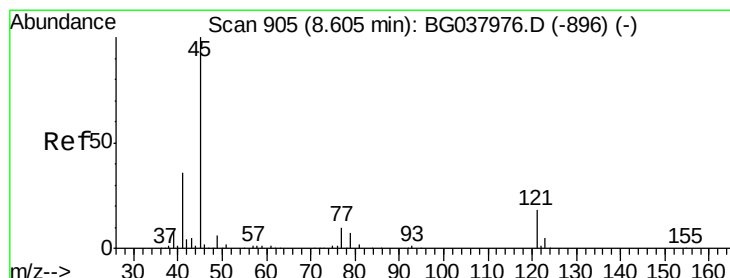
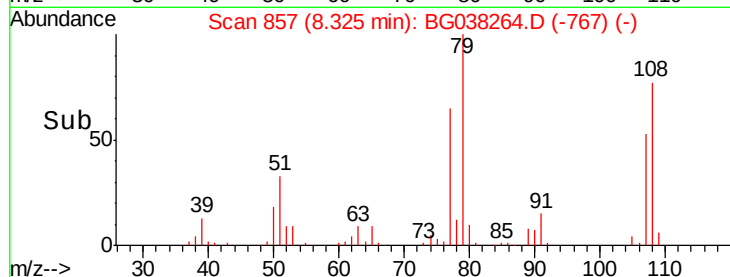
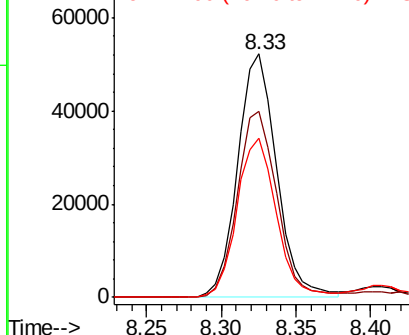
79 100

108 76.6 65.8 98.8

77 65.5 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#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

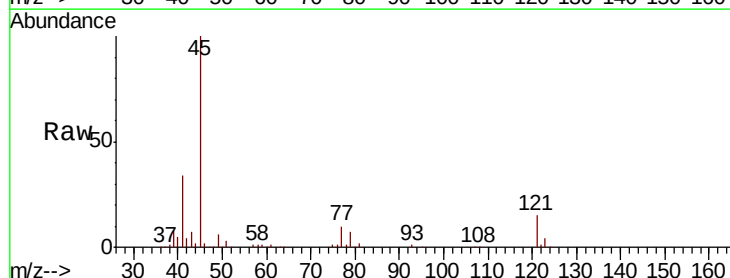
Tgt Ion: 45 Resp: 219222

Ion Ratio Lower Upper

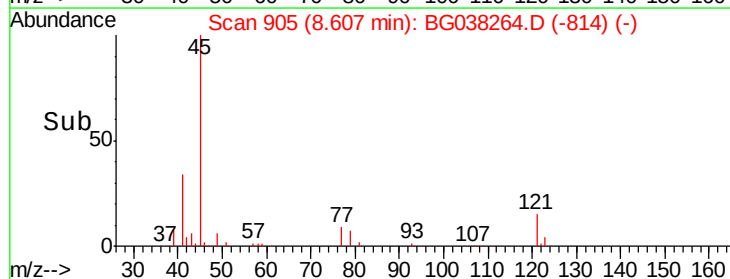
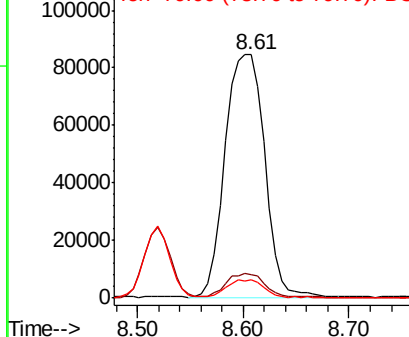
45 100

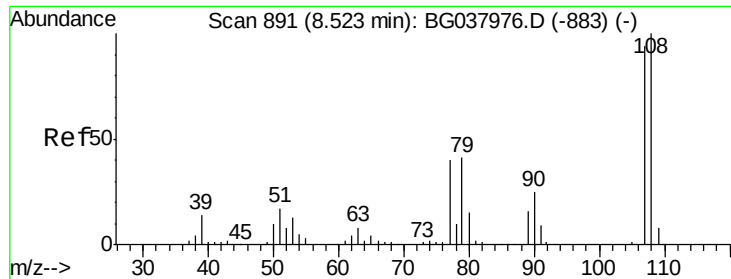
77 9.8 0.0 30.0

79 7.4 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

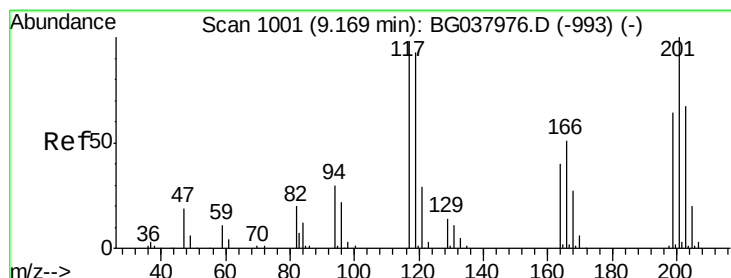
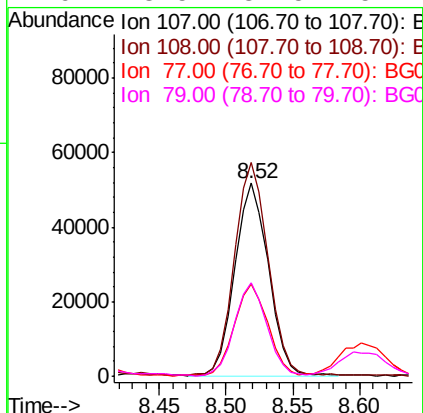
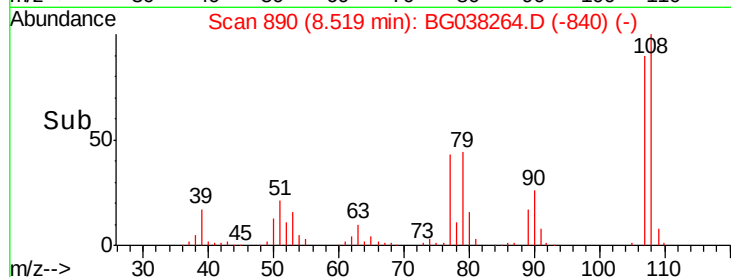
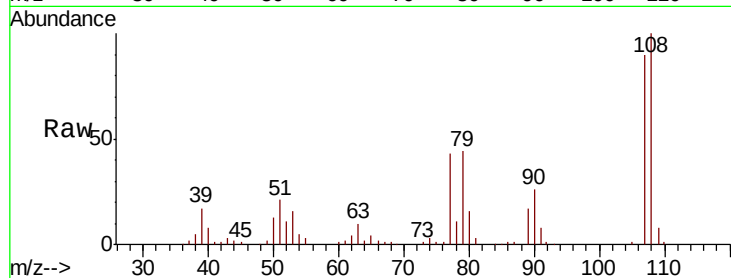




#17
2-Methylphenol
Concen: 47.921 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

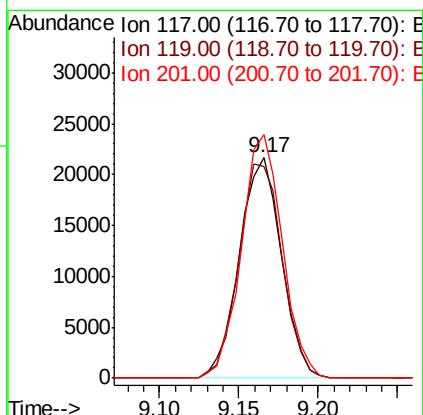
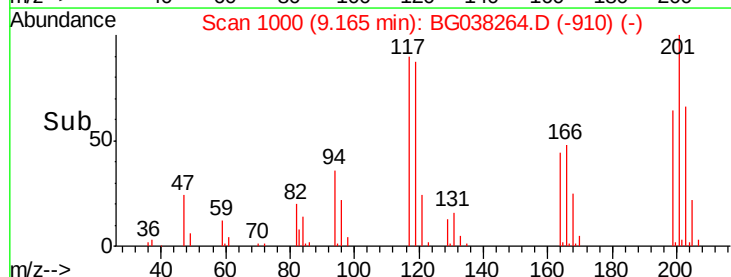
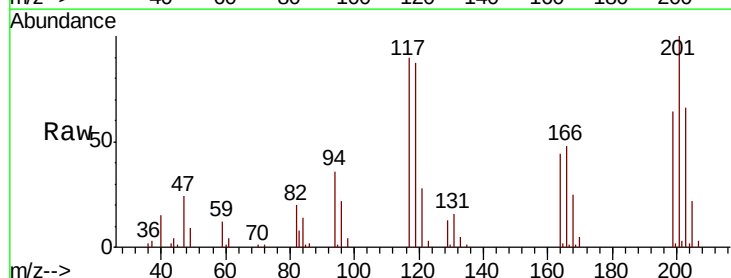
Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

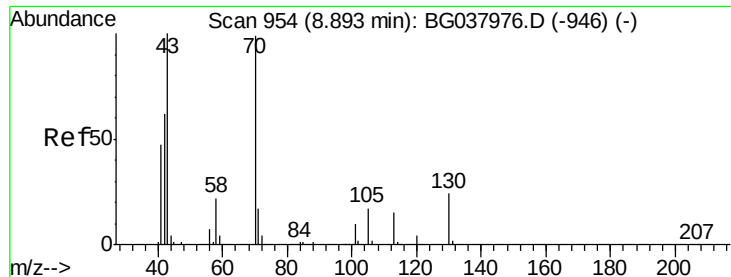
Tot Ion:	107	Resp:	91133
Ion	Ratio	Lower	Upper
107	100		
108	110.7	87.9	131.9
77	47.9	35.1	52.7
79	48.5	34.5	51.7



#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:	117	Resp:	39766
Ion	Ratio	Lower	Upper
117	100		
119	96.3	74.6	111.8
201	114.0	80.8	121.2

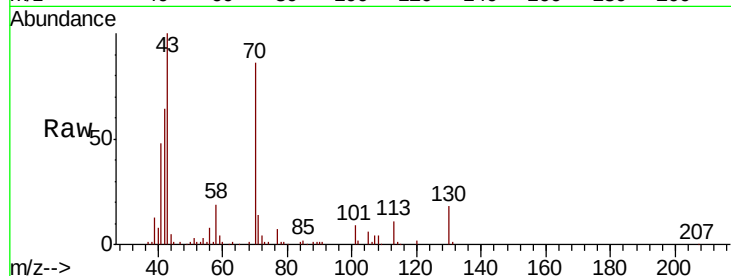




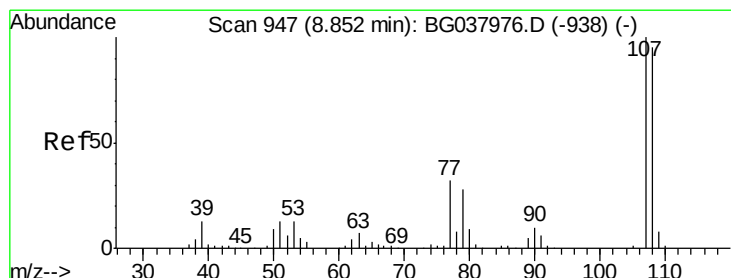
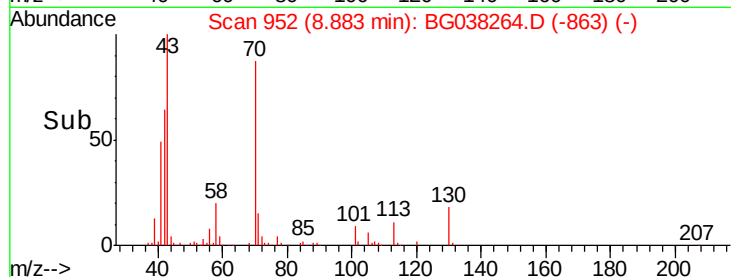
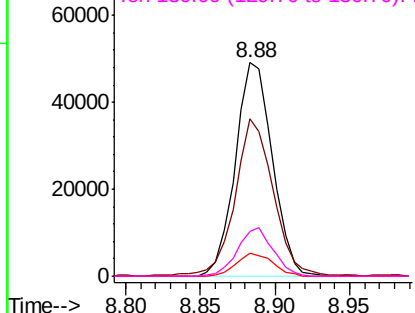
#19
n-Nitroso-di-n-propylamine
Concen: 44.179 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.01 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

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

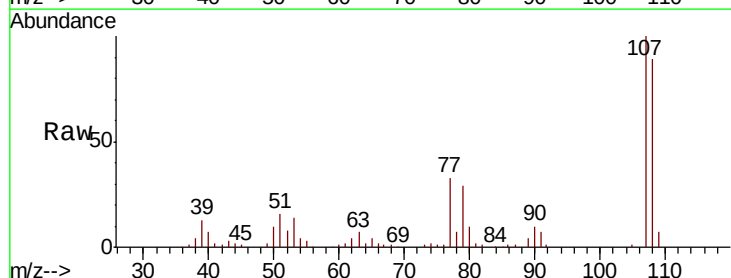


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

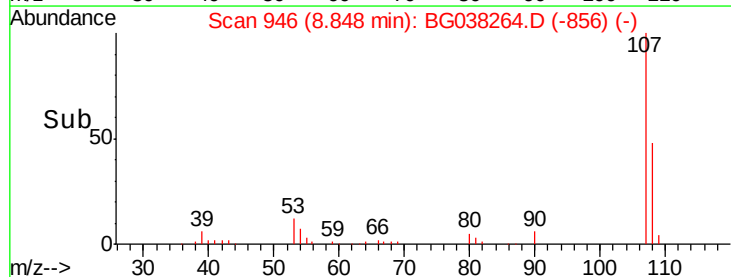
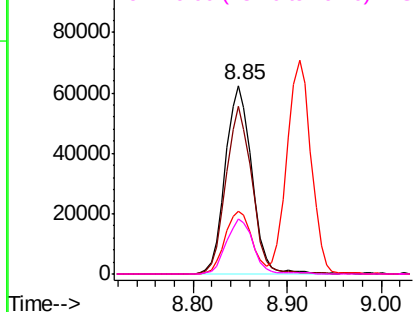


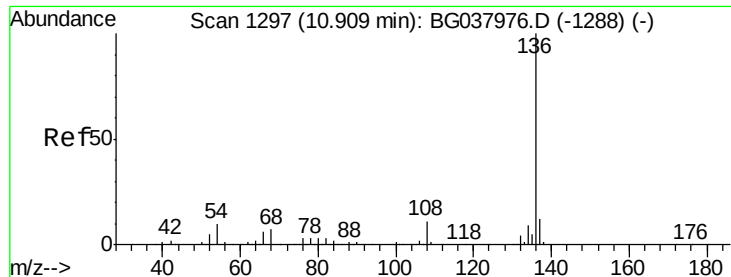
#20
3+4-Methylphenols
Concen: 45.483 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

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



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#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:136 Resp: 136110

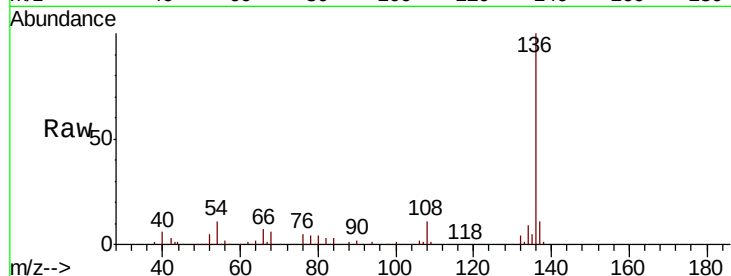
Ion Ratio Lower Upper

136 100

137 10.8 9.6 14.4

54 11.0 7.9 11.9

68 6.2 4.8 7.2

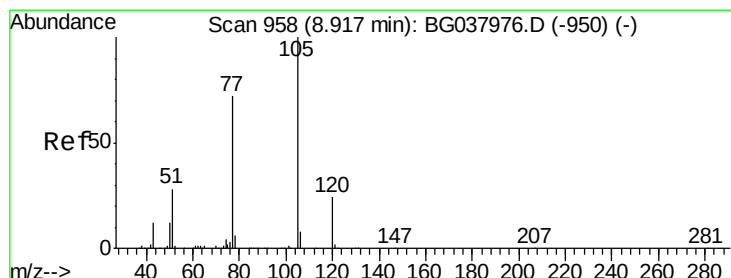
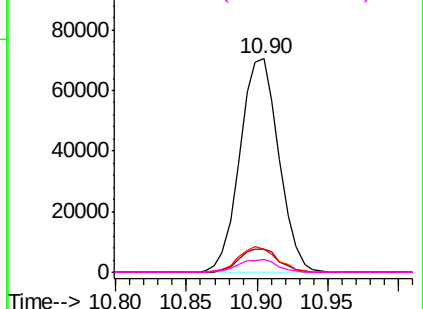
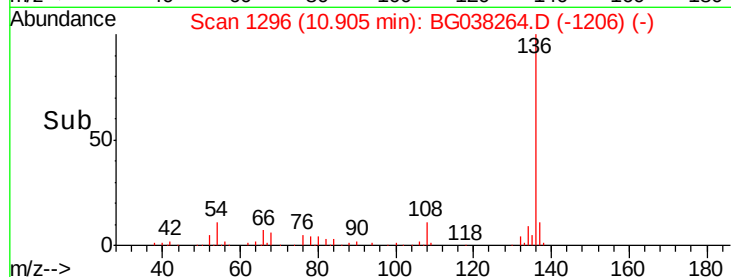


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#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:105 Resp: 159924

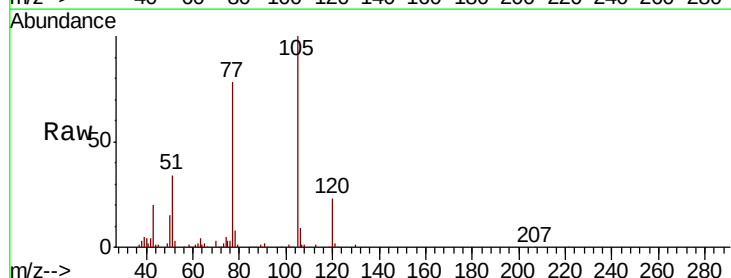
Ion Ratio Lower Upper

105 100

71 0.4 1.2 1.8#

51 34.2 25.0 37.6

120 23.0 18.6 28.0

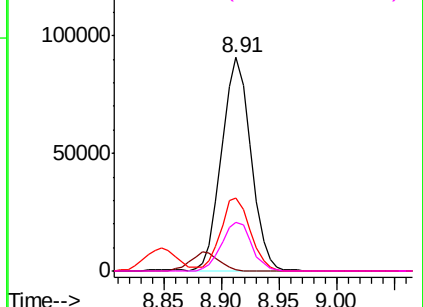
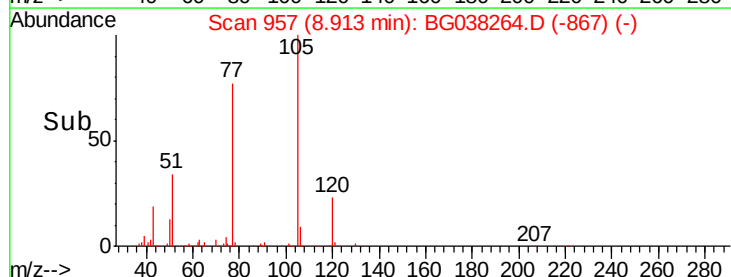


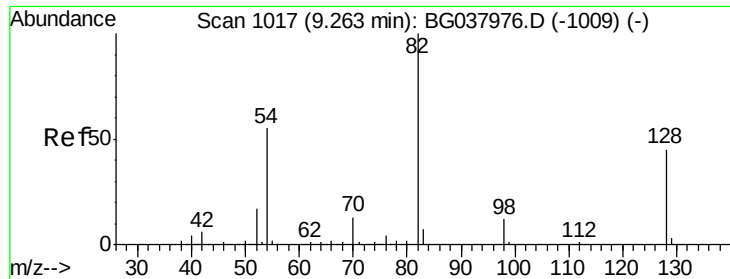
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

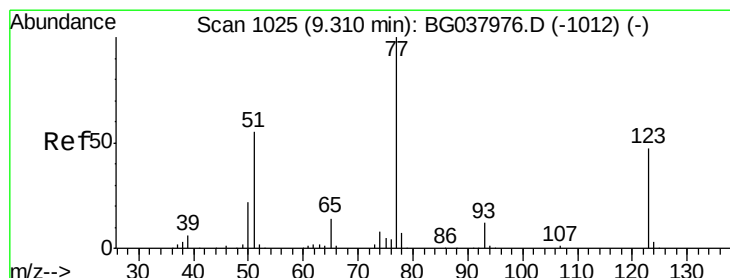
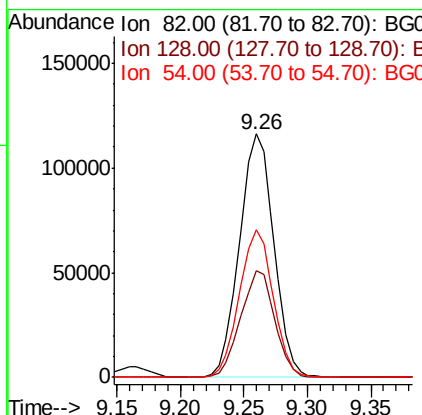
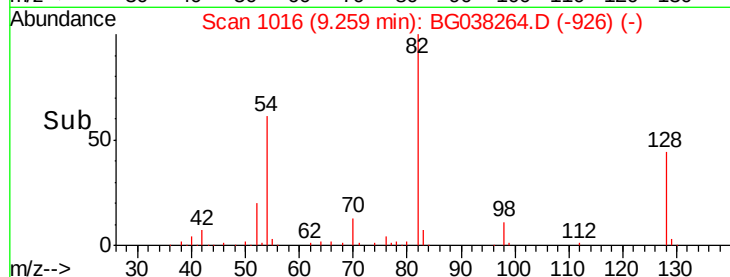
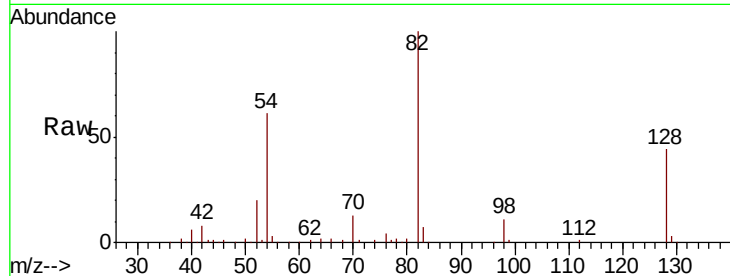




#23
 Nitrobenzene-d5
 Concen: 86.170 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

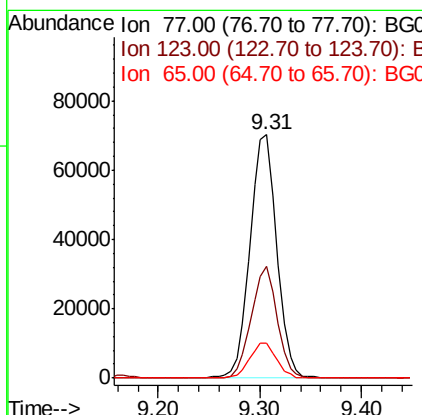
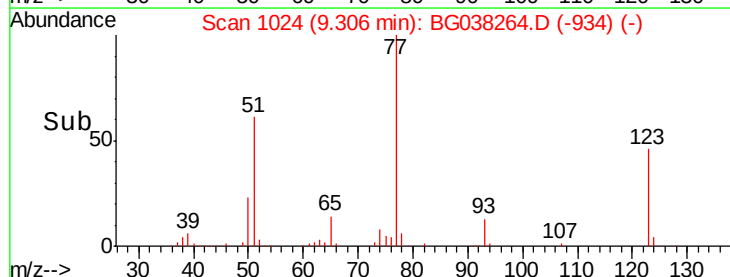
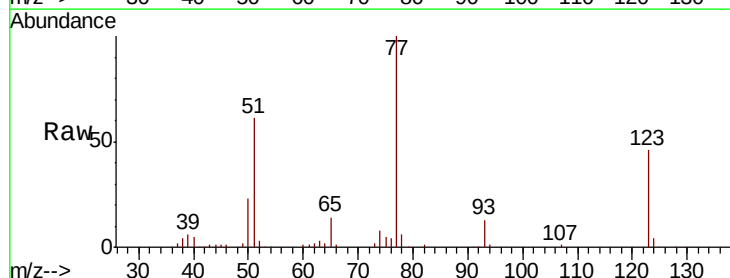
Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MSD

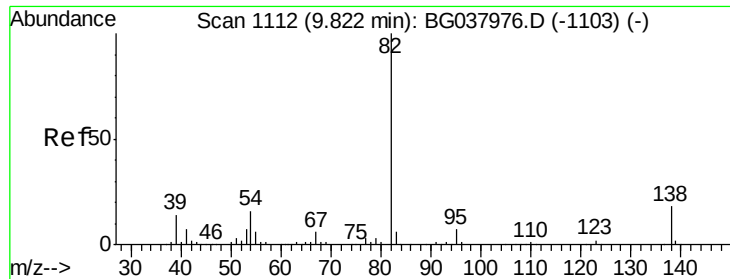
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	51.8
54	60.8	45.3	67.9



#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

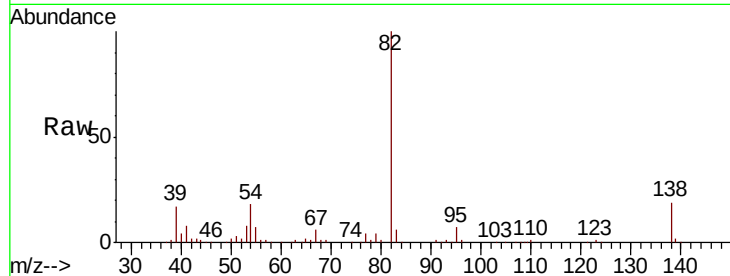
Tot Ion: 82 Resp: 237820

Ion Ratio Lower Upper

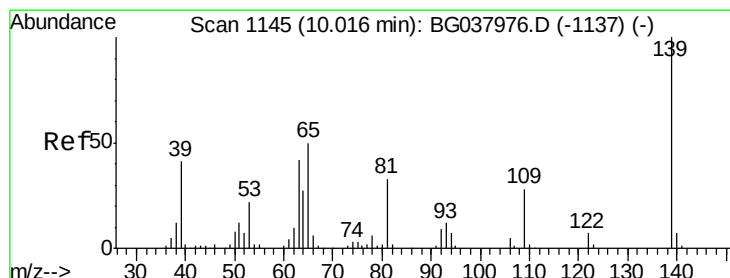
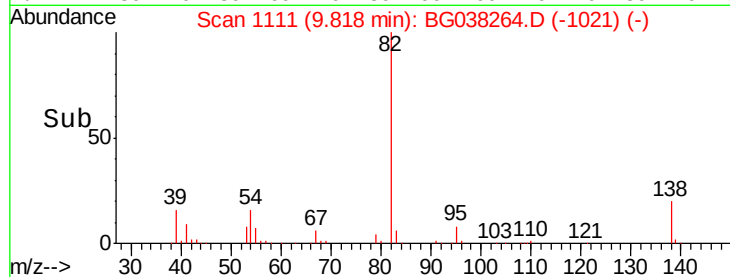
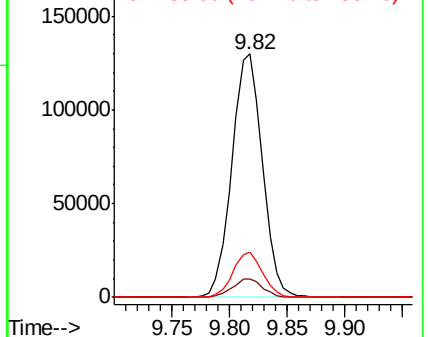
82 100

95 7.3 5.3 7.9

138 18.6 13.3 19.9



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



#26

2-Nitrophenol

Concen: 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

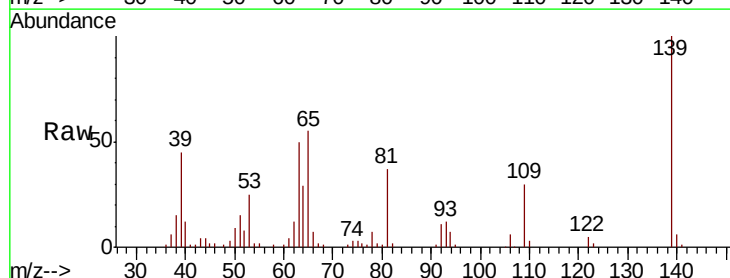
Tgt Ion: 139 Resp: 60938

Ion Ratio Lower Upper

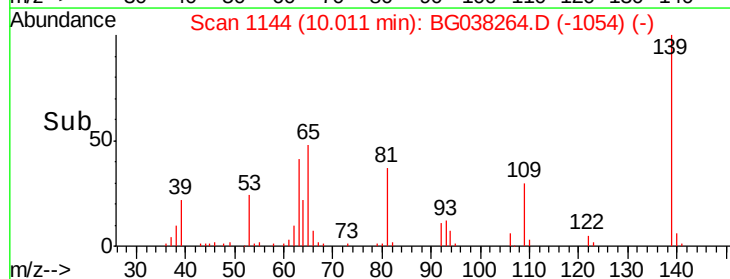
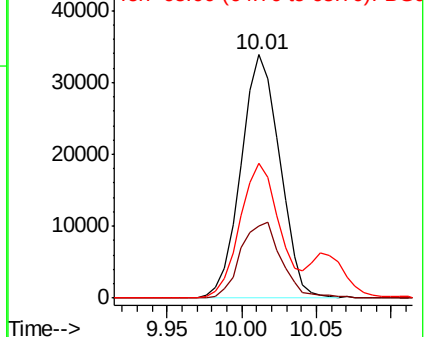
139 100

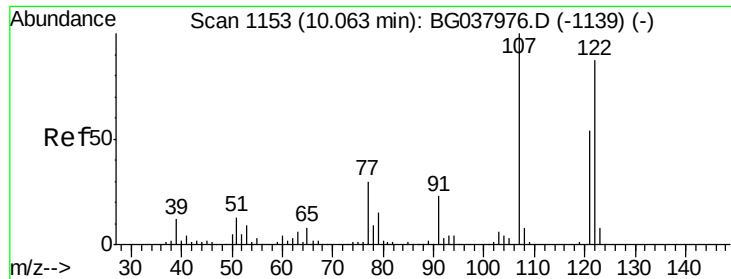
109 29.8 23.3 34.9

65 55.5 39.8 59.8



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

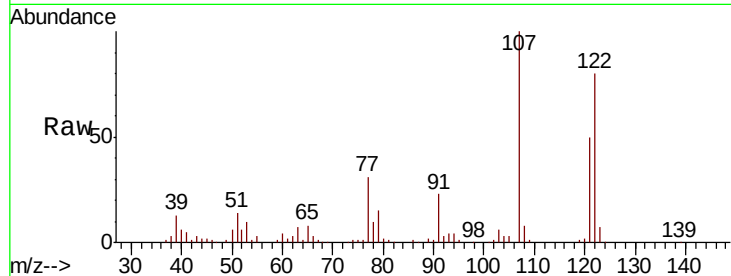




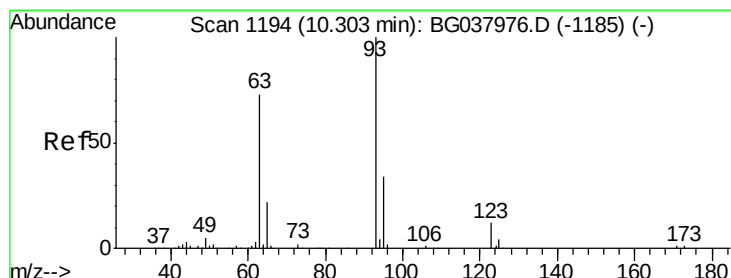
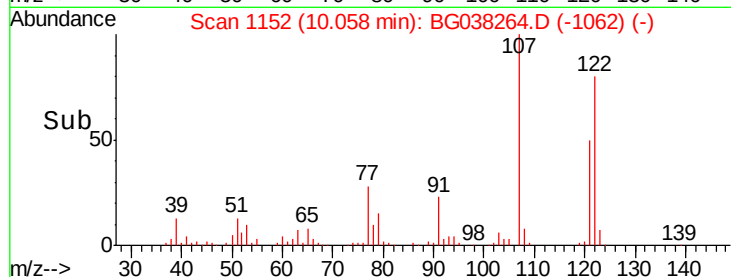
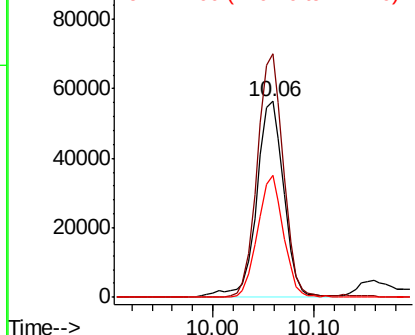
#27
 2,4-Dimethylphenol
 Concen: 54.038 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MSD

Tot Ion:122 Resp: 105723
 Ion Ratio Lower Upper
 122 100
 107 124.3 94.2 141.2
 121 62.1 47.3 70.9

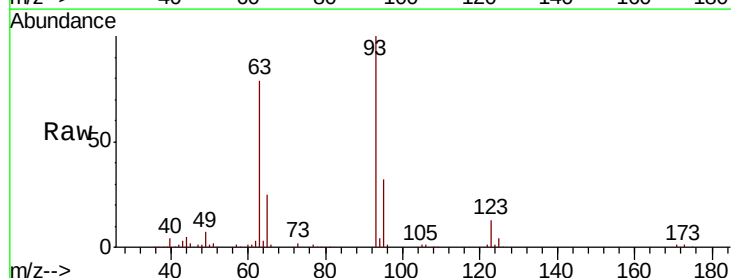


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

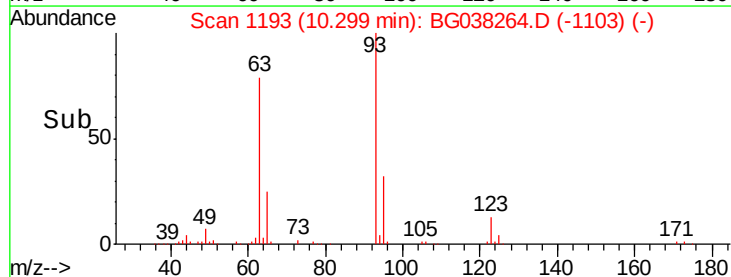
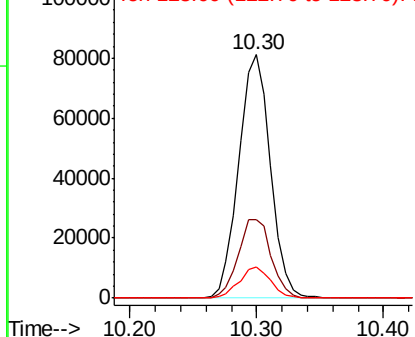


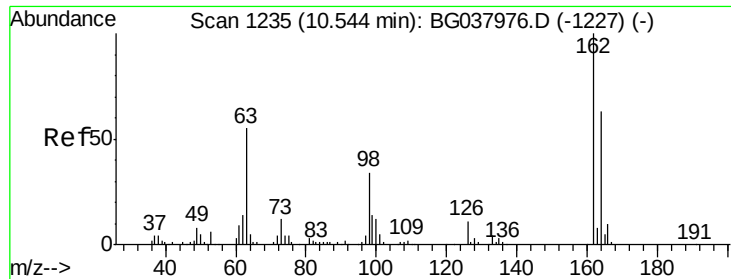
#28
 bis(2-Chloroethoxy)methane
 Concen: 48.009 ng
 RT: 10.30 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

Tgt Ion: 93 Resp: 140496
 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

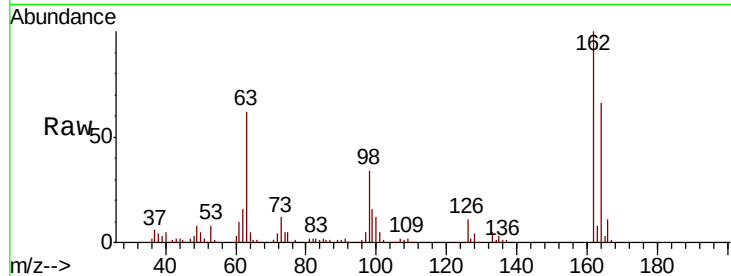




#29
 2,4-Dichlorophenol
 Concen: 50.179 ng
 RT: 10.54 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MSD

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

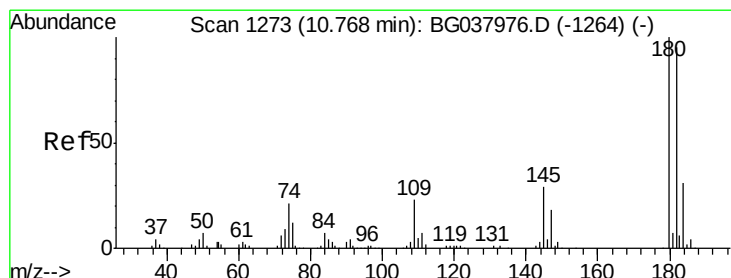
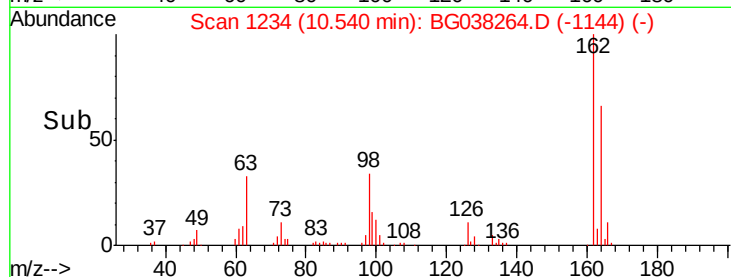
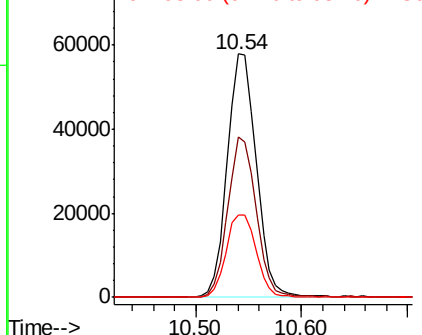


Abundance

Ion 162.00 (161.70 to 162.70): E

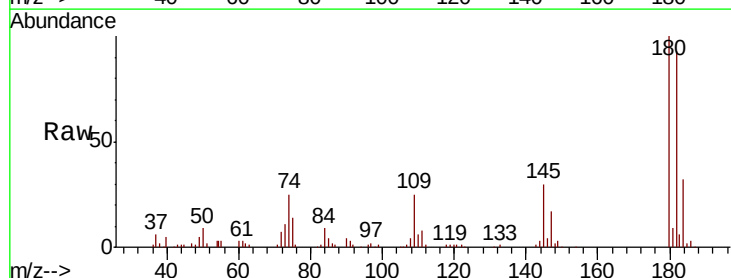
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#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	Lower	Upper
180	100		
182	92.9	77.7	116.5
145	29.7	23.3	34.9

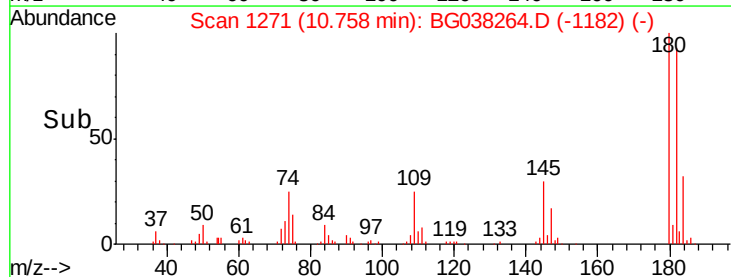
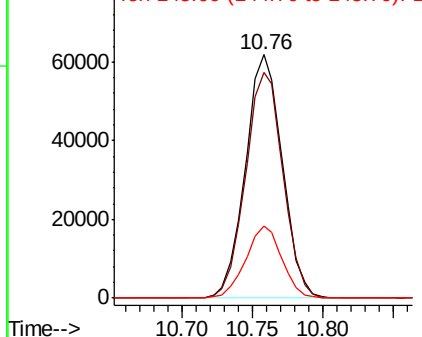


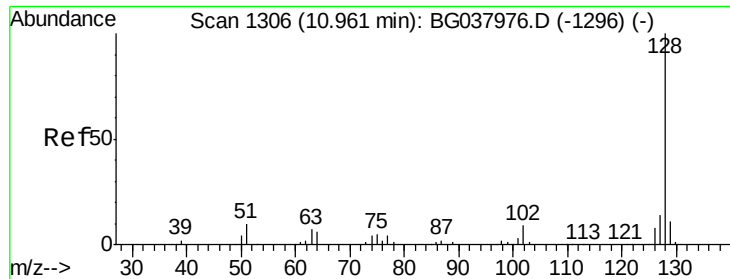
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

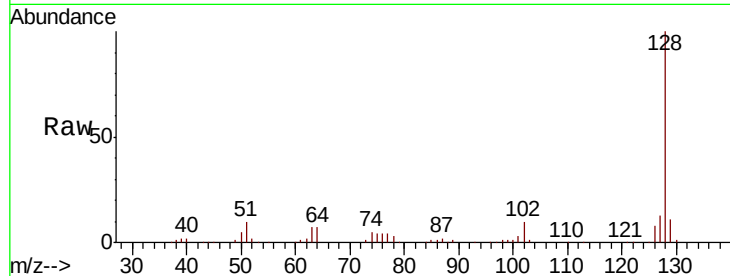




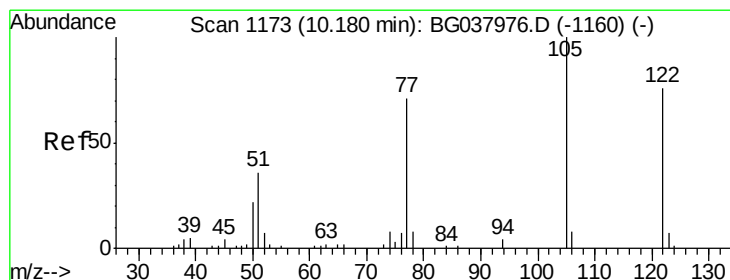
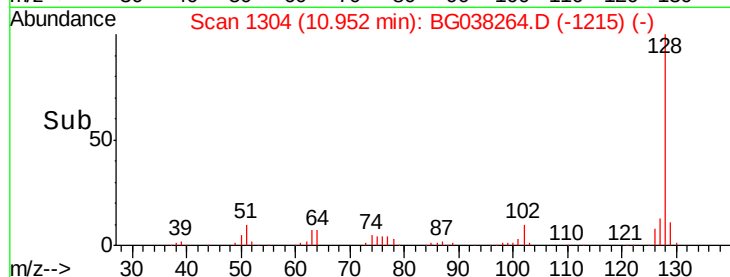
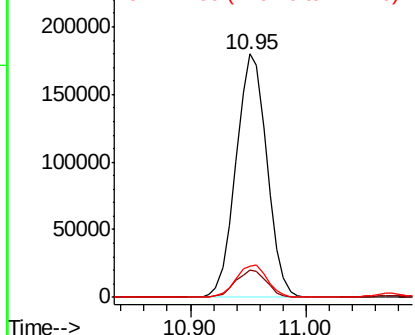
#31
Naphthalene
Concen: 49.853 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion:128 Resp: 333748
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.9 11.1 16.7

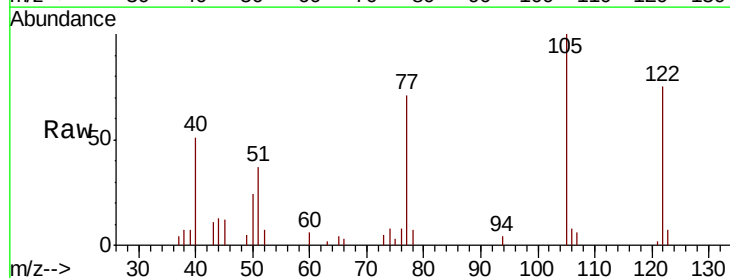


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

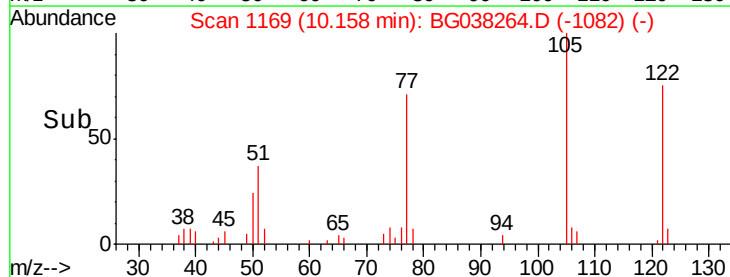
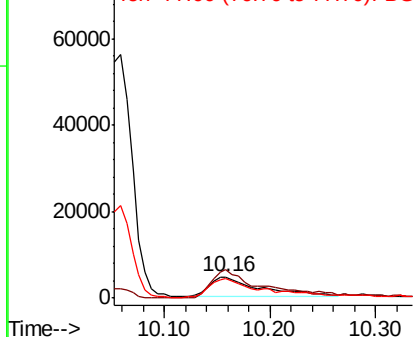


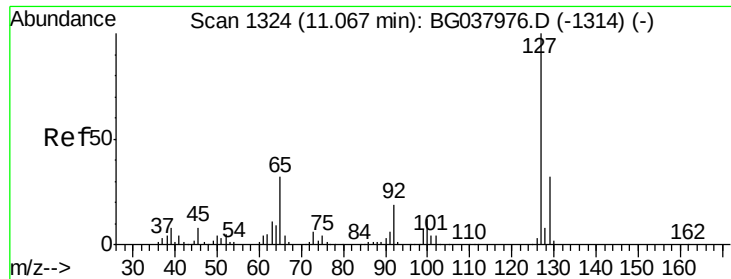
#32
Benzoic acid
Concen: 21.181 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion:122 Resp: 15000
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

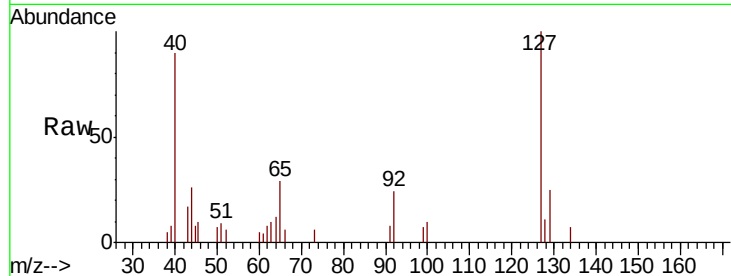




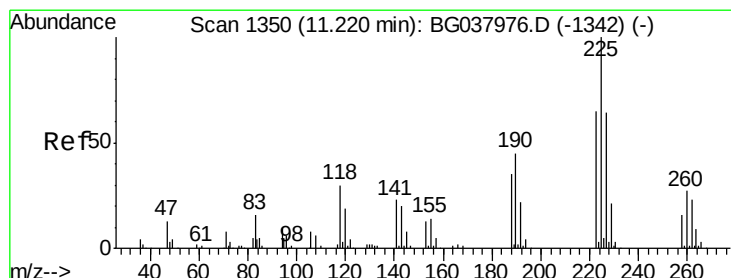
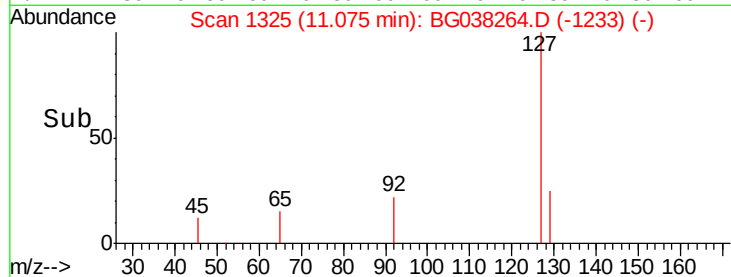
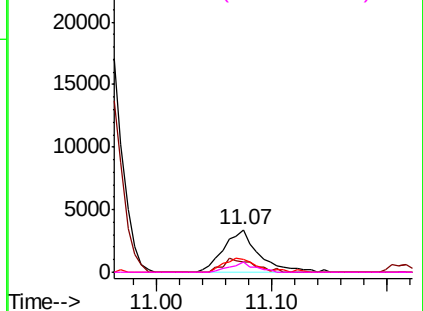
#33
4-Chloroaniline
Concen: 2.280 ng
RT: 11.07 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion:127	Resp:	7100
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

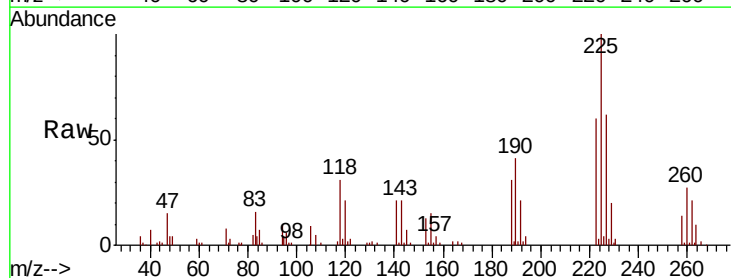


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

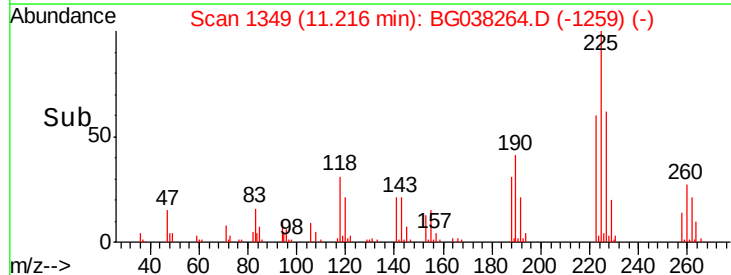
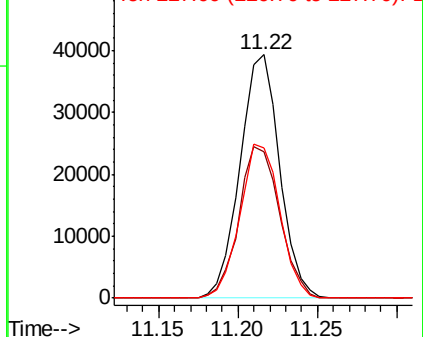


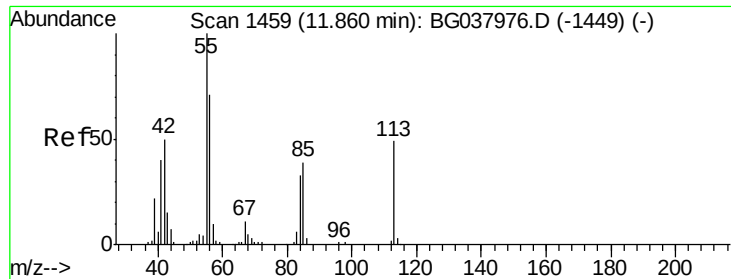
#34
Hexachlorobutadiene
Concen: 45.062 ng
RT: 11.22 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion:225	Resp:	68391
Ion Ratio	Lower	Upper
225	100	
223	60.1	48.2 72.4
227	64.7	51.6 77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#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

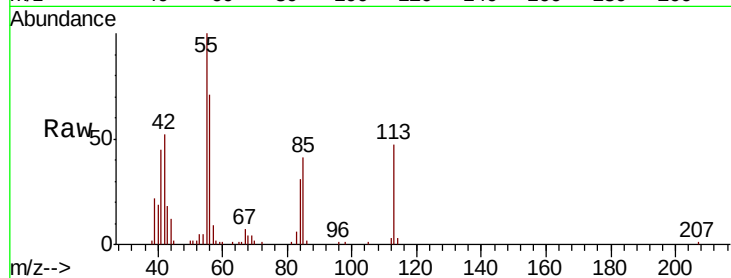
Tot Ion:113 Resp: 24519

Ion Ratio Lower Upper

113 100

55 211.5 176.6 216.6

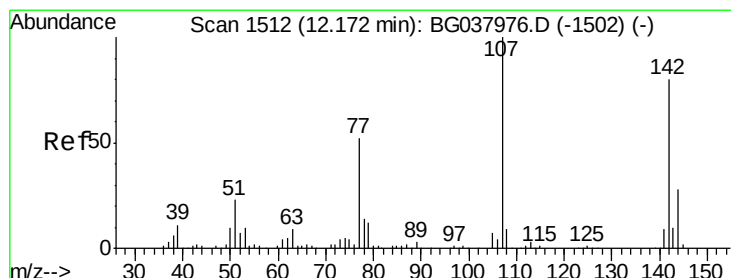
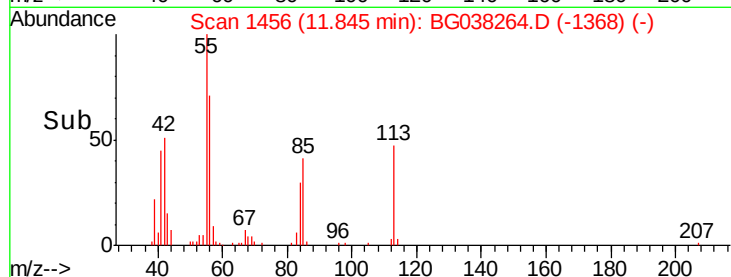
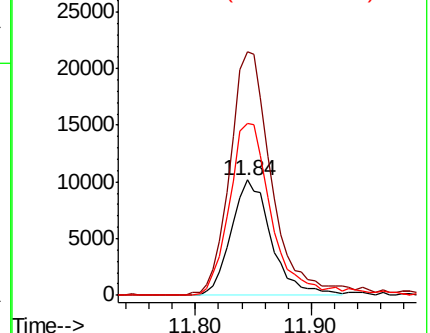
56 149.3 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037976.D (-1449) (-)

Ion 56.00 (55.70 to 56.70): BG037976.D (-1449) (-)



#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

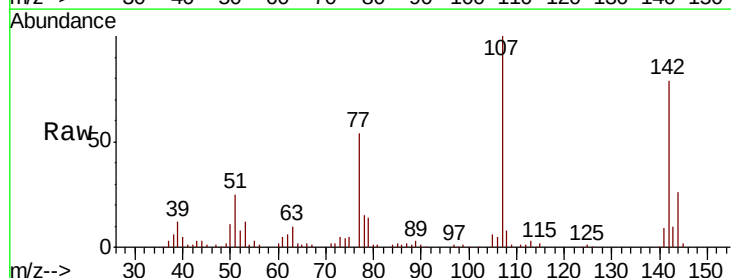
Tgt Ion:107 Resp: 118216

Ion Ratio Lower Upper

107 100

144 25.7 20.7 31.1

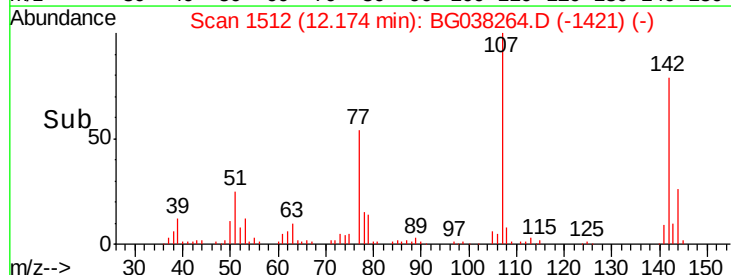
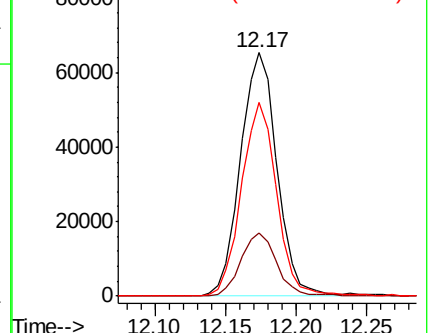
142 79.4 64.4 96.6

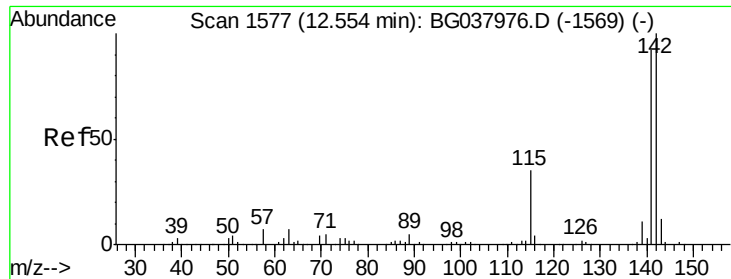


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

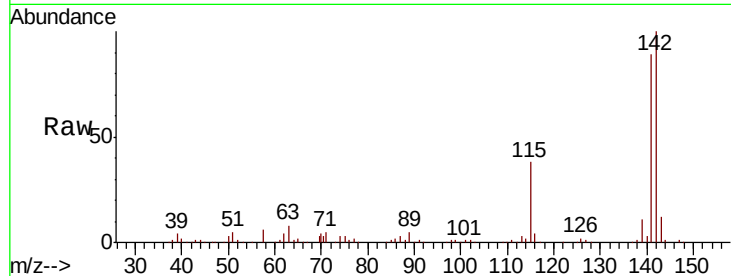




#37
2-Methylnaphthalene
Concen: 51.077 ng
RT: 12.55 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

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

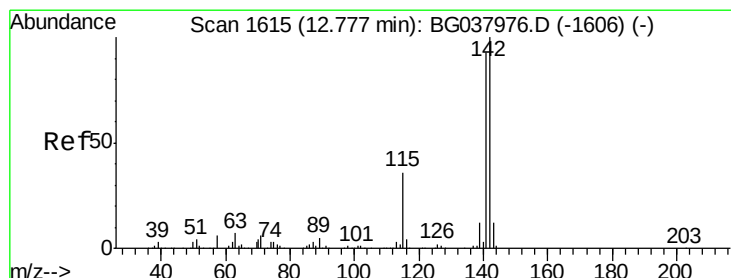
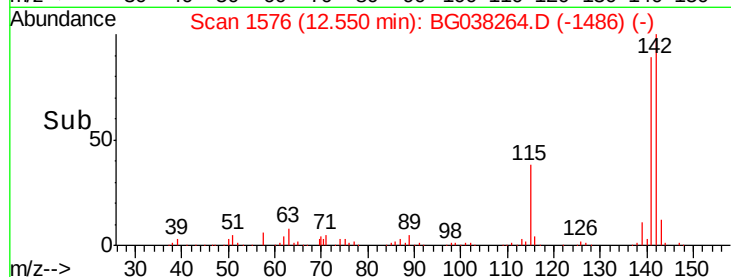
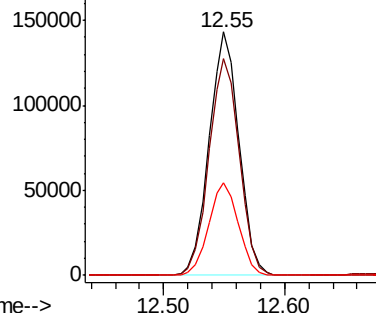


Abundance

Ion 142.00 (141.70 to 142.70): E

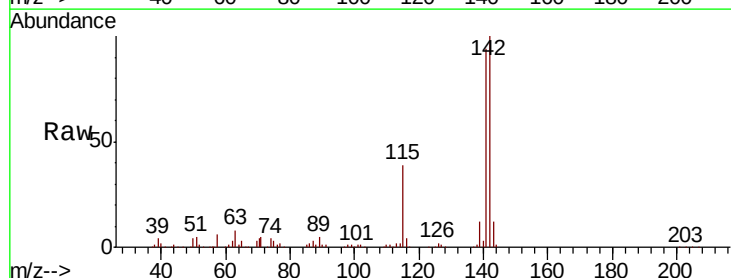
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 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	Ratio	Lower	Upper
142	100		
141	94.4	75.2	112.8
116	4.1	3.3	4.9

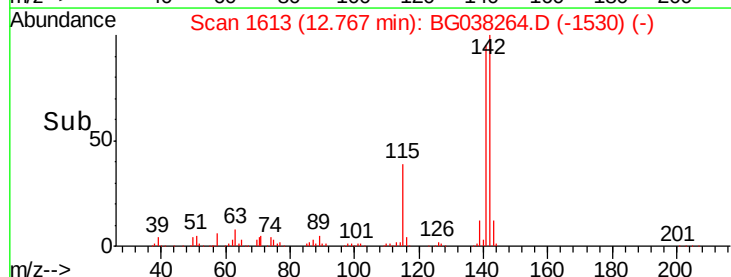
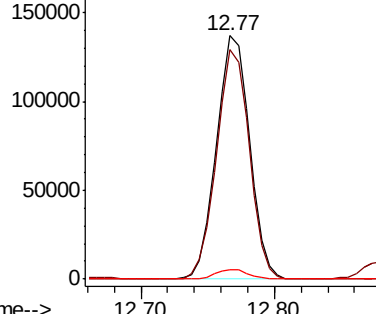


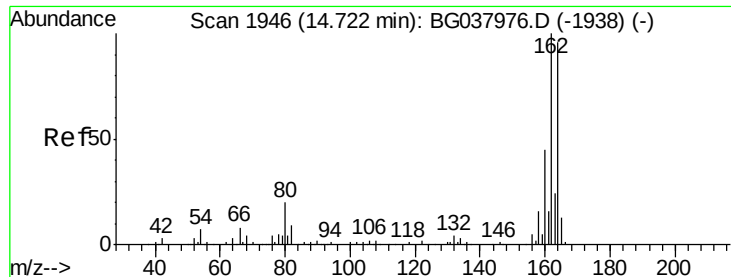
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Instrument :

BNA_G

ClientSampleId :

AU-06-112918MSD

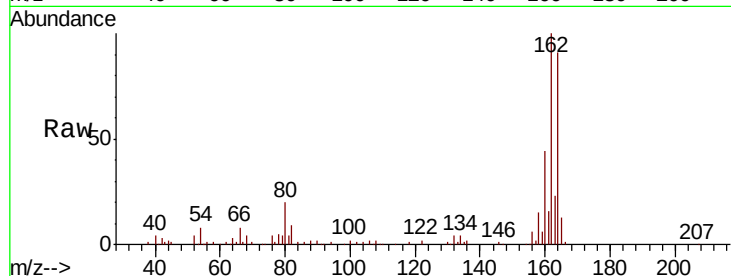
Tot Ion:164 Resp: 83146

Ion Ratio Lower Upper

164 100

162 109.6 81.3 121.9

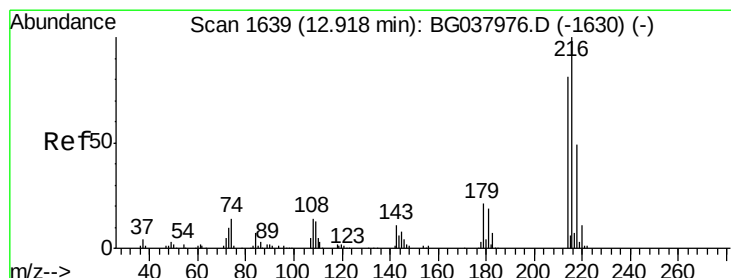
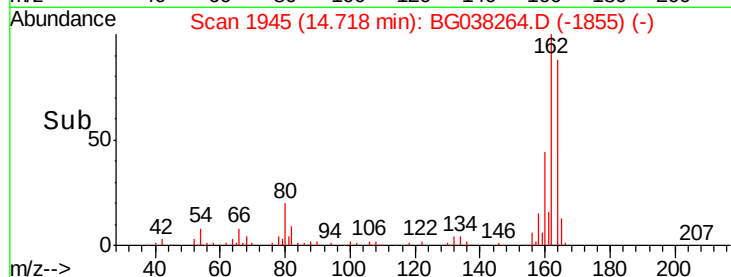
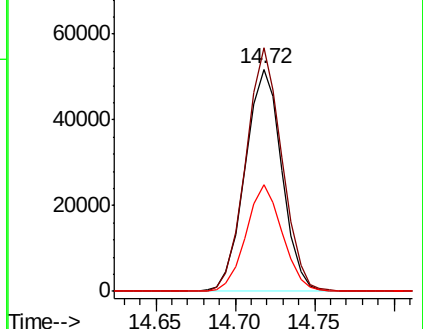
160 48.0 36.3 54.5



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

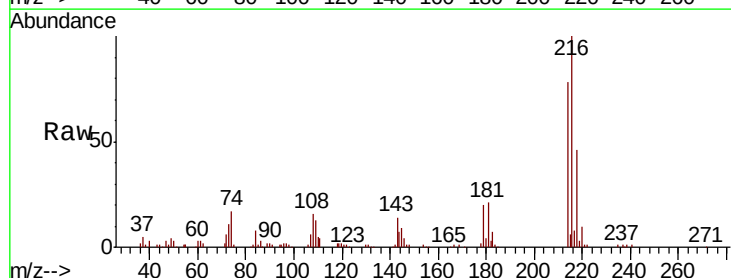
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 20.9 17.4 26.0

108 19.9 13.9 20.9

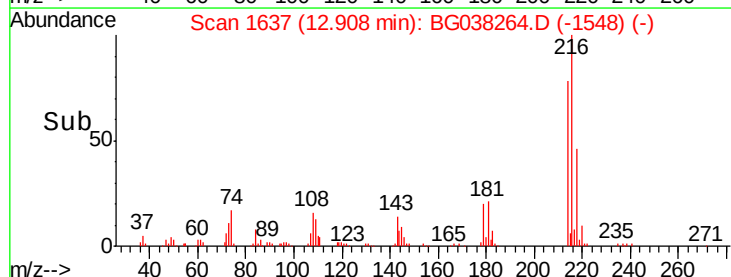
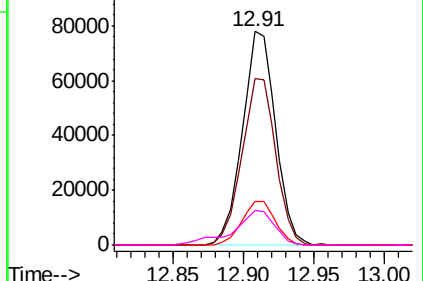


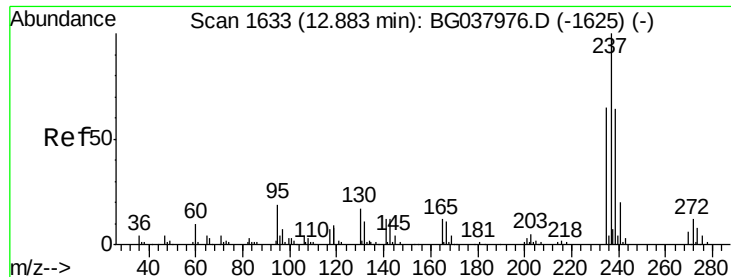
Abundance Ion 216.00 (215.70 to 216.70): E

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

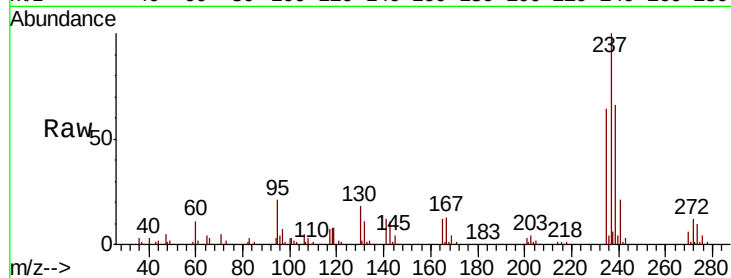
Tot Ion:237 Resp: 132635

Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.5	82.5
272	12.5	0.0	31.6

237 100

235 63.5 42.5 82.5

272 12.5 0.0 31.6

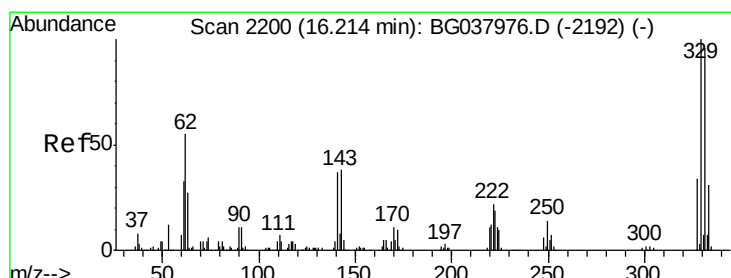
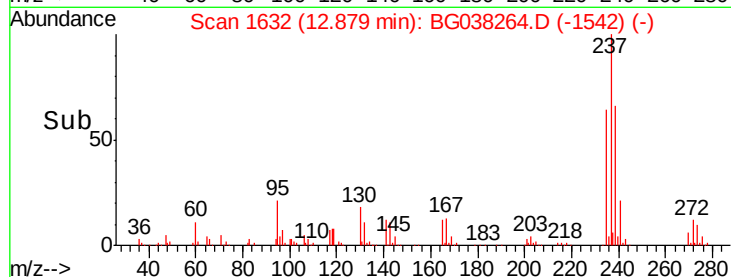
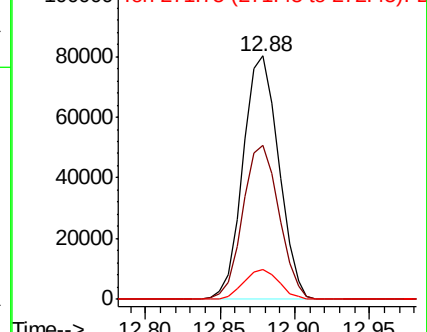


Abundance

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

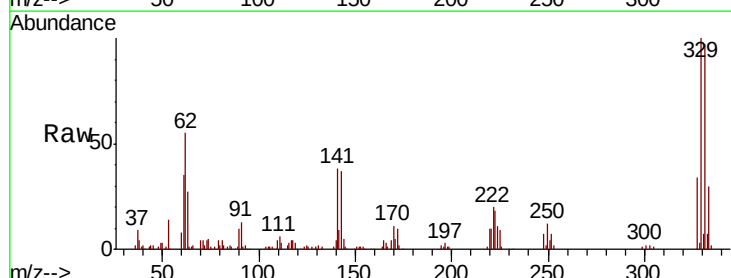
Tgt Ion:330 Resp: 116107

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.4	117.6
141	40.9	32.2	48.2

330 100

332 96.8 78.4 117.6

141 40.9 32.2 48.2

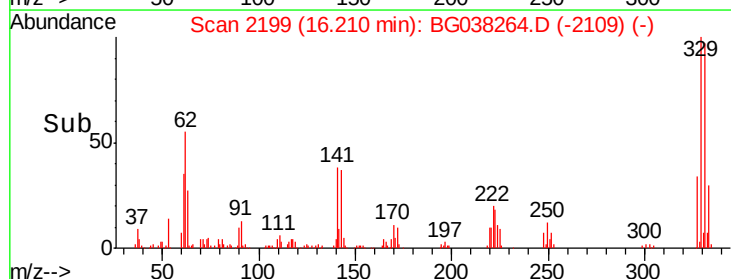
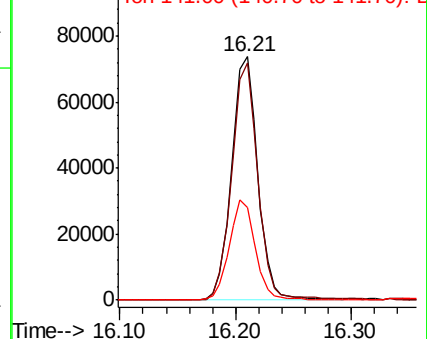


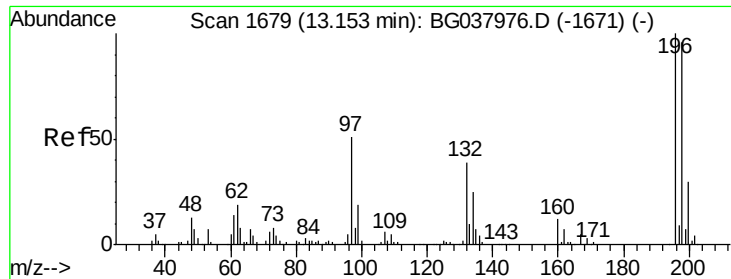
Abundance

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

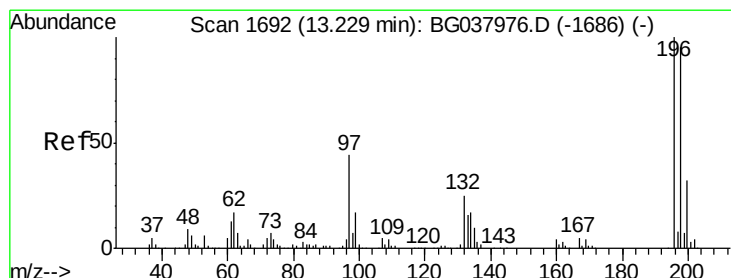
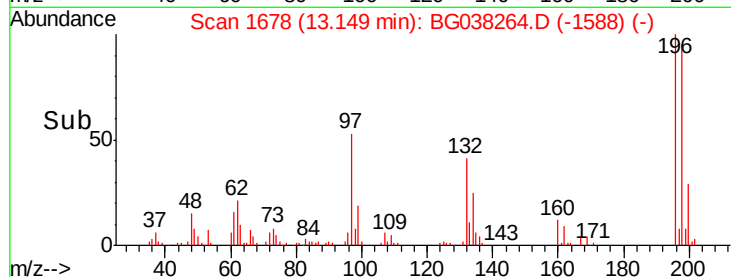
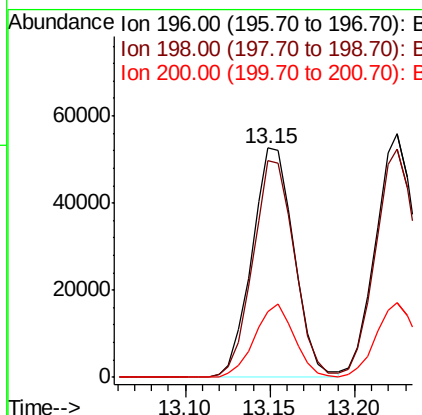
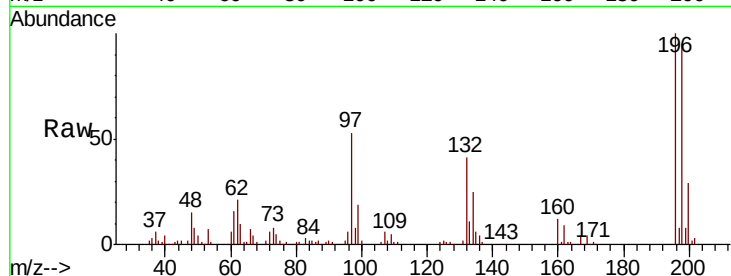




#43
 2,4,6-Trichlorophenol
 Concen: 48.099 ng
 RT: 13.15 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

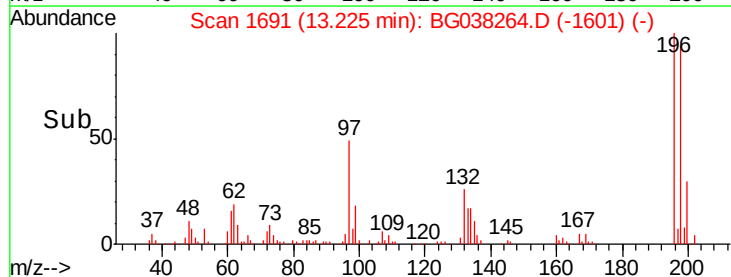
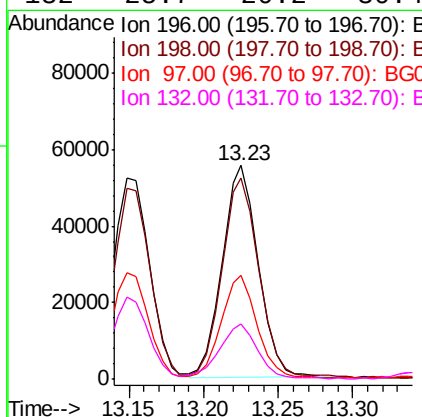
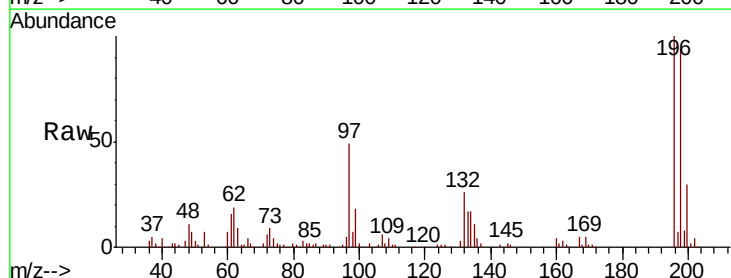
Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MSD

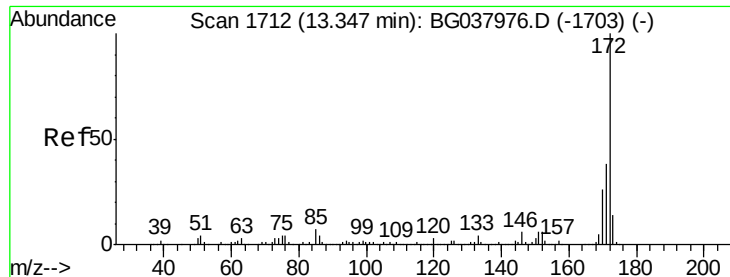
Tot Ion:196 Resp: 91065
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.4 114.6
 200 28.6 24.9 37.3



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

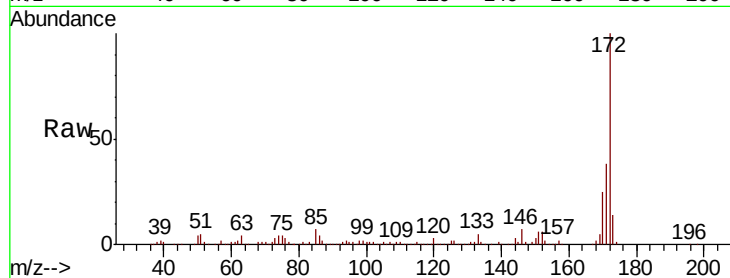




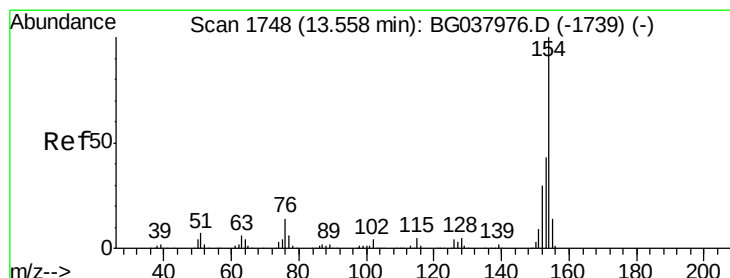
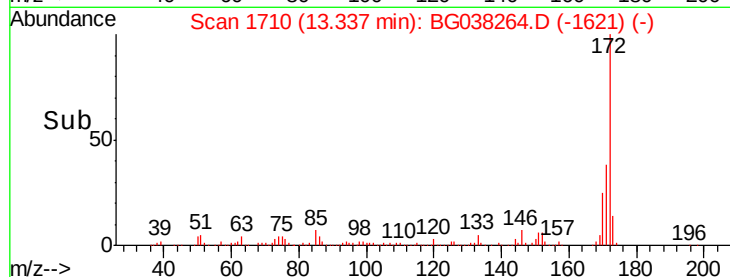
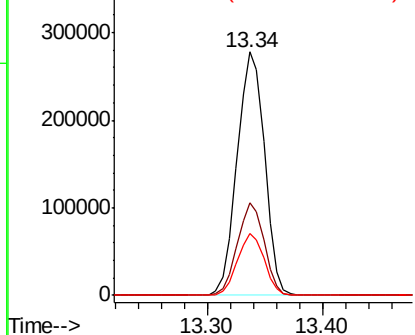
#45
2-Fluorobiphenyl
Concen: 80.275 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion:172 Resp: 458146
Ion Ratio Lower Upper
172 100
171 37.9 31.0 46.4
170 25.2 20.2 30.2

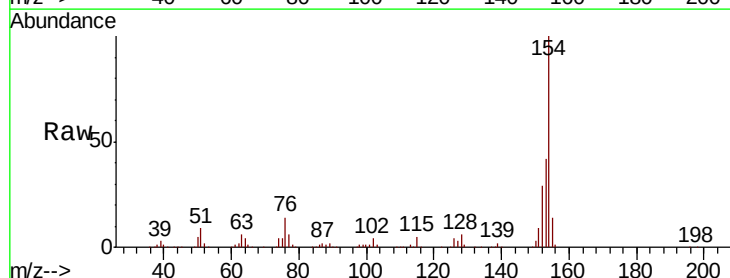


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

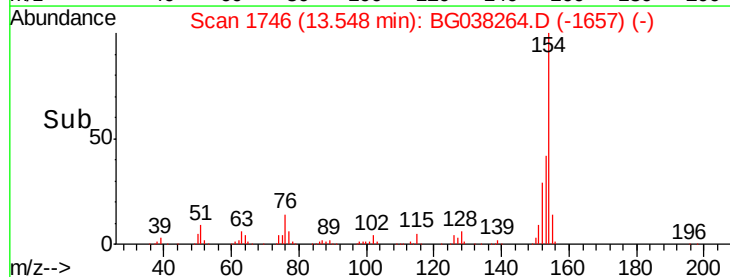
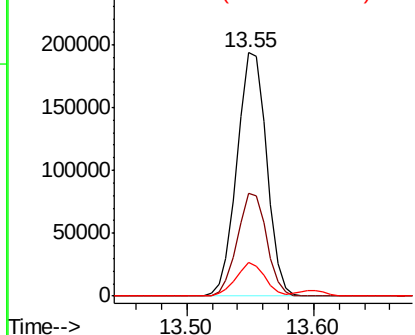


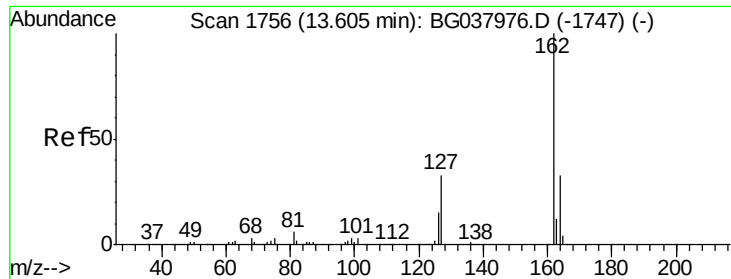
#46
1,1'-Biphenyl
Concen: 45.029 ng
RT: 13.55 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion:154 Resp: 314534
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

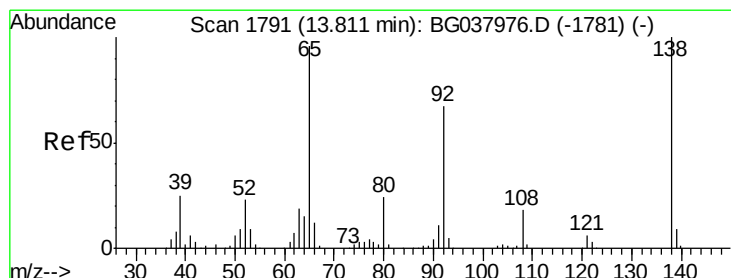
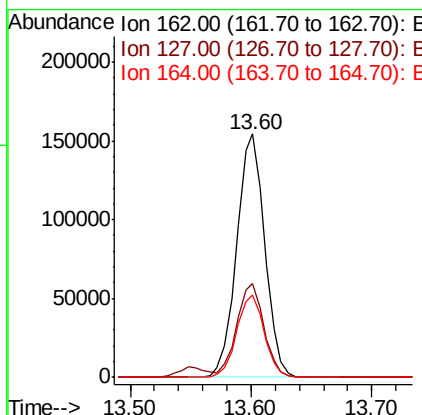
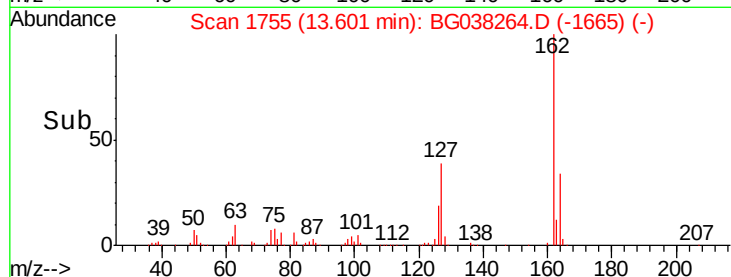
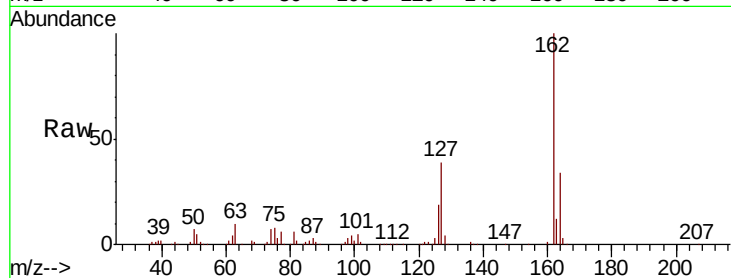




#47
2-Chloronaphthalene
Concen: 46.838 ng
RT: 13.60 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

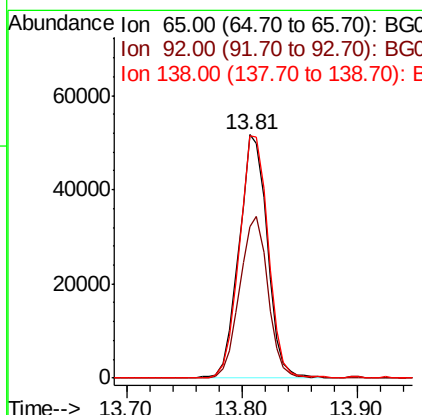
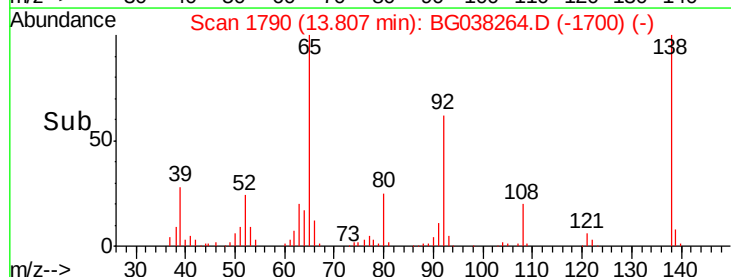
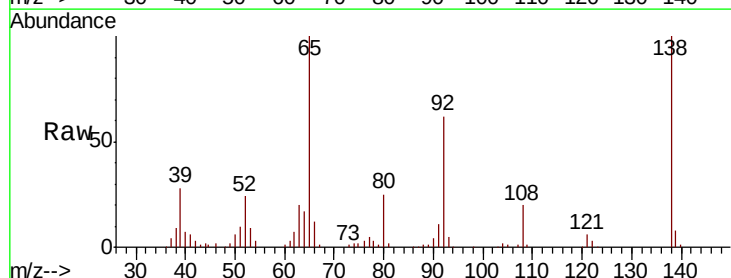
Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

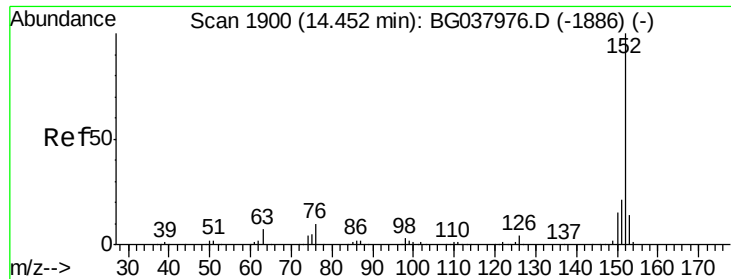
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	30.5	45.7
164	33.7	26.4	39.6



#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

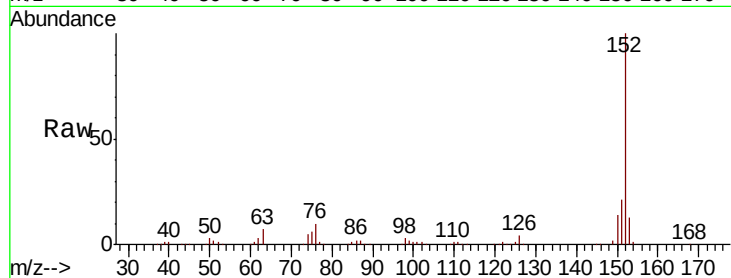
Tot Ion:152 Resp: 408688

Ion Ratio Lower Upper

152 100

151 20.9 17.1 25.7

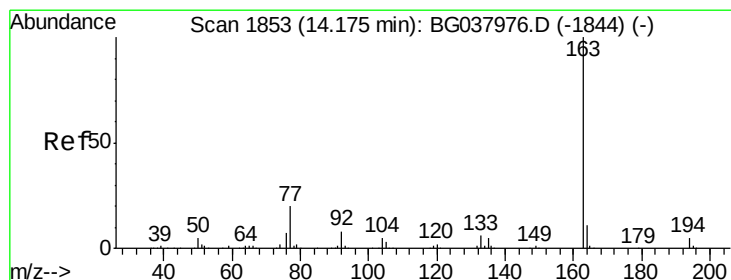
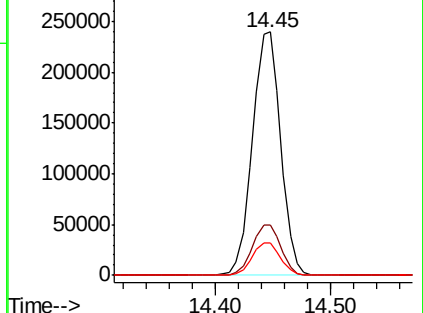
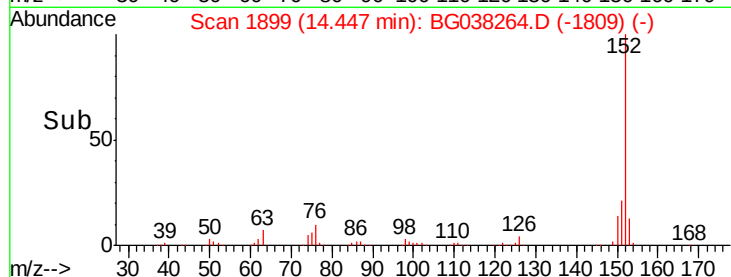
153 13.4 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 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

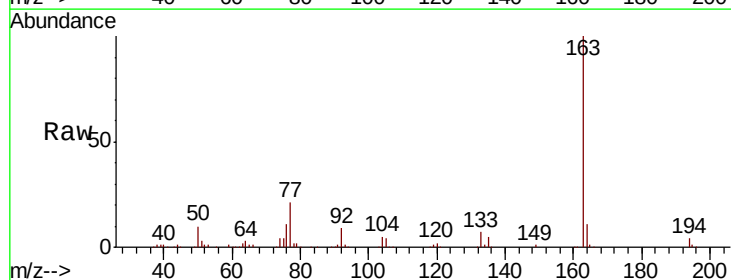
Tgt Ion:163 Resp: 319650

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

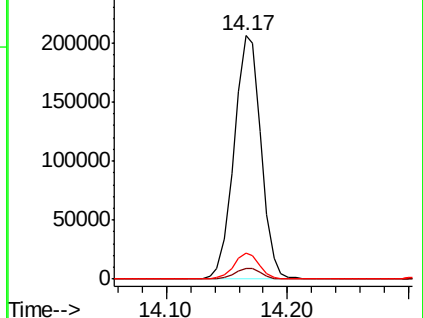
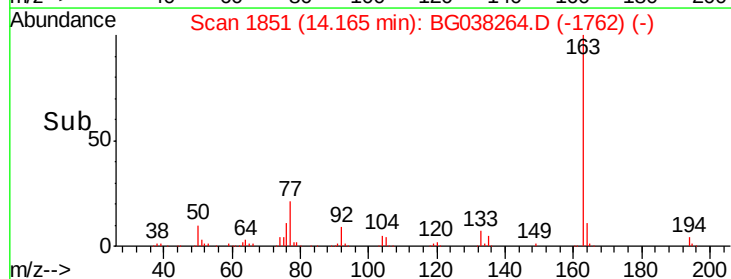
164 10.7 8.5 12.7

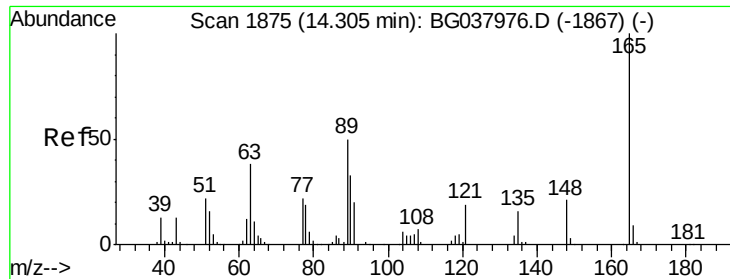


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

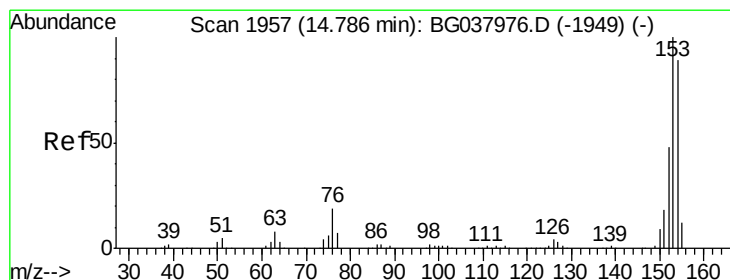
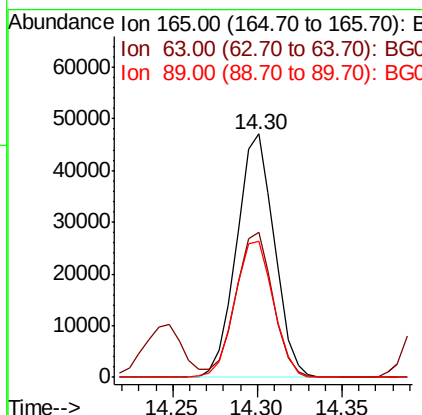
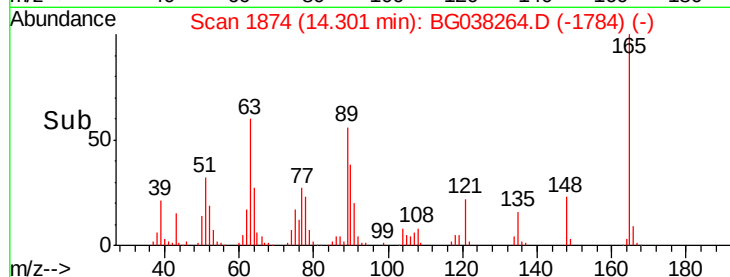
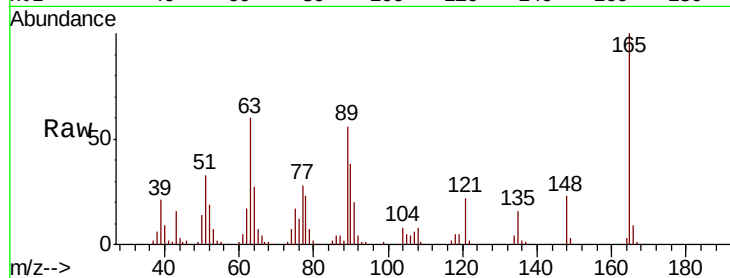




#51
 2,6-Dinitrotoluene
 Concen: 48.771 ng
 RT: 14.30 min Scan# 1874
 Delta R.T. -0.00 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

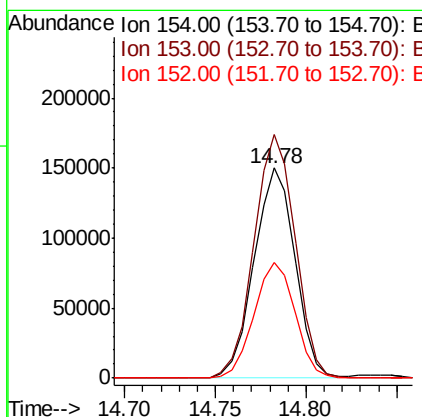
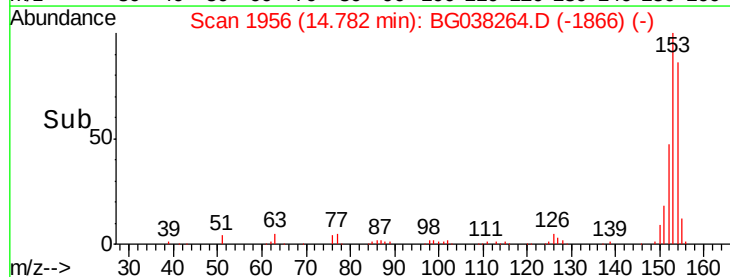
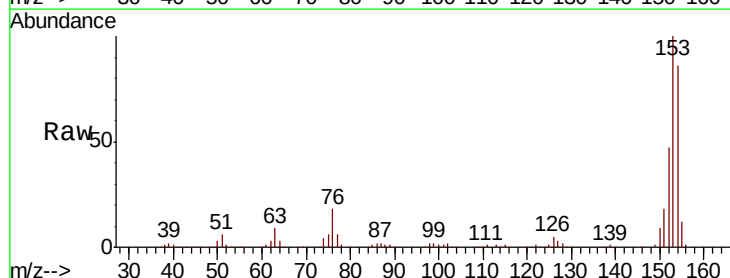
Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MSD

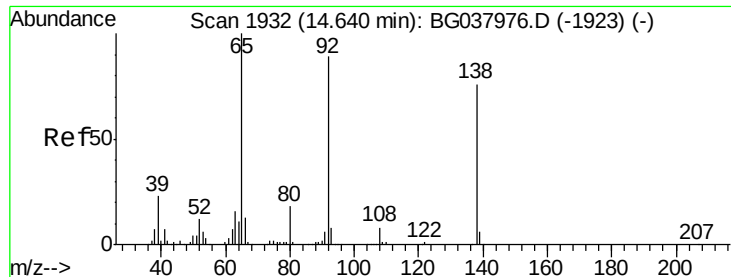
Tot Ion:165 Resp: 72759
 Ion Ratio Lower Upper
 165 100
 63 59.6 43.4 65.2
 89 55.9 45.8 68.6



#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

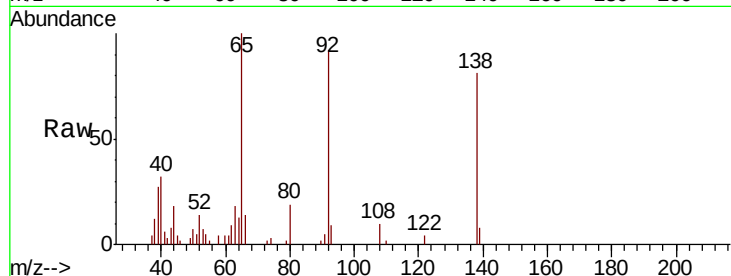
Tot Ion:138 Resp: 10700

Ion Ratio Lower Upper

138 100

108 12.1 11.0 16.6

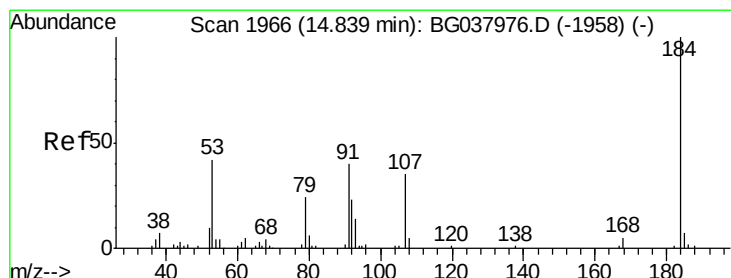
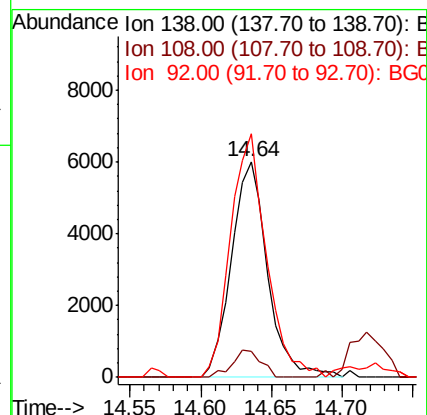
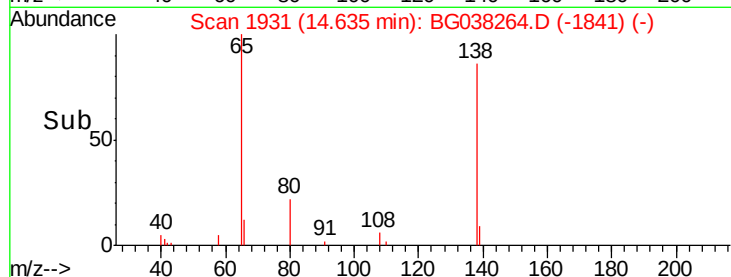
92 112.8 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 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

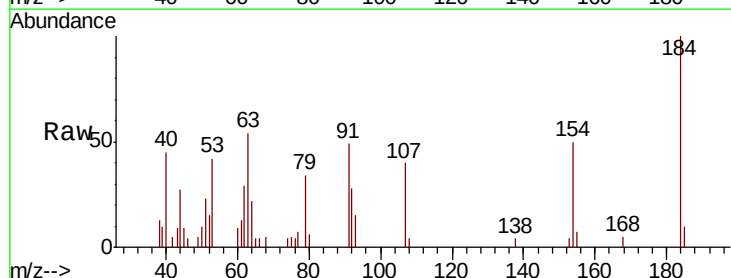
Tgt Ion:184 Resp: 7632

Ion Ratio Lower Upper

184 100

63 54.4 42.6 63.8

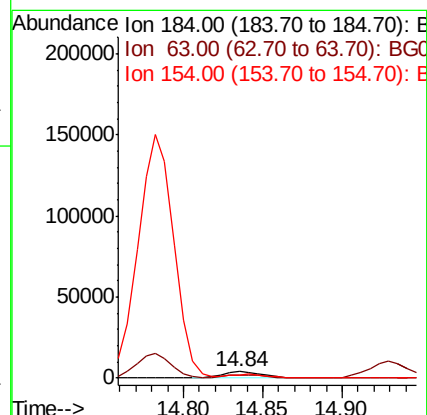
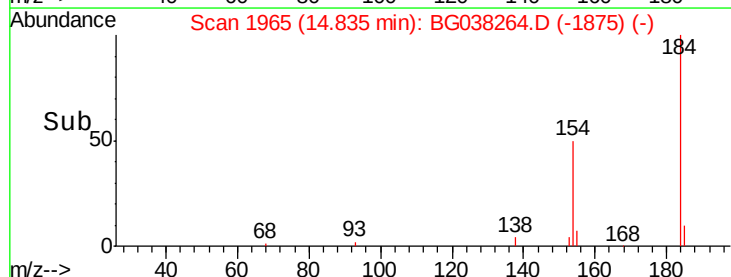
154 50.3 41.8 62.6

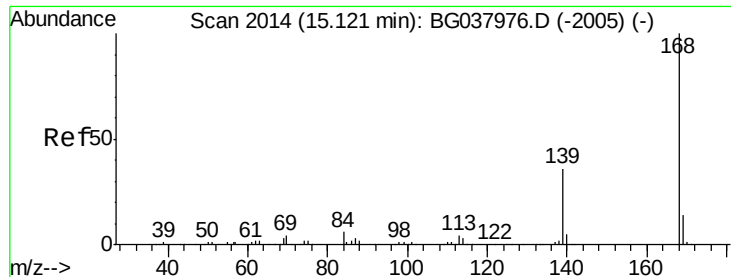


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

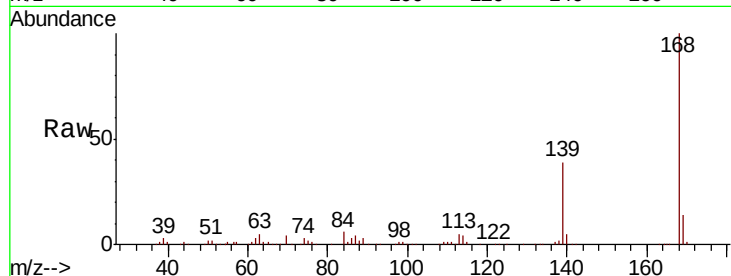




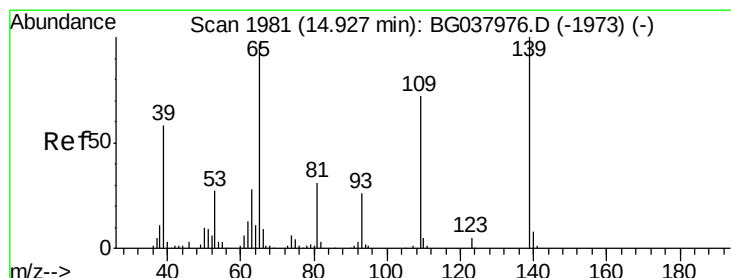
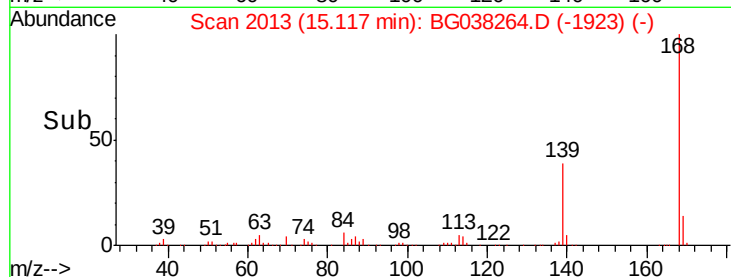
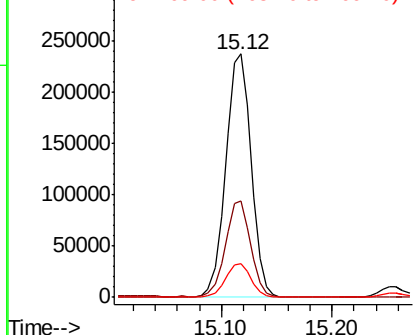
#55
Dibenzenofuran
Concen: 47.973 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

Tot Ion:168 Resp: 382794
Ion Ratio Lower Upper
168 100
139 39.5 29.4 44.0
169 14.1 11.0 16.6

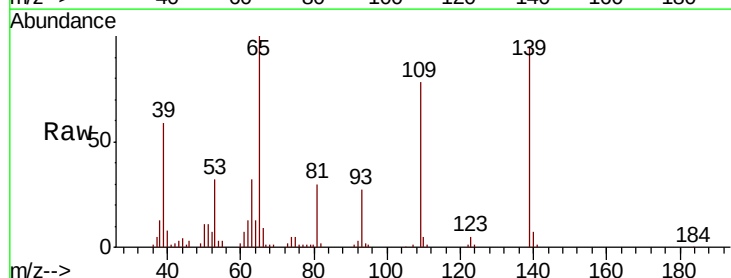


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

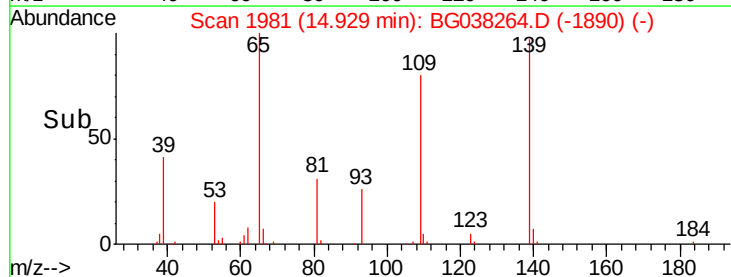
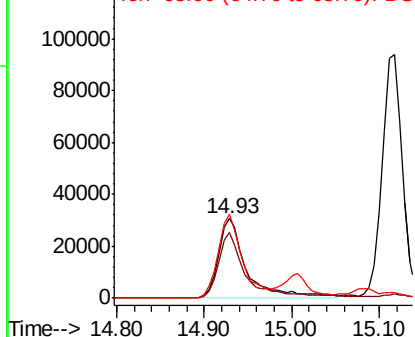


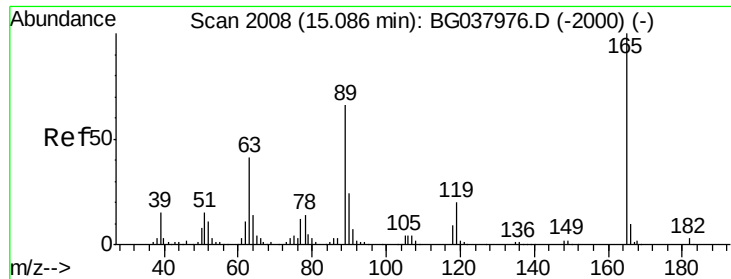
#56
4-Nitrophenol
Concen: 54.274 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

Tgt Ion:139 Resp: 68908
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): BG

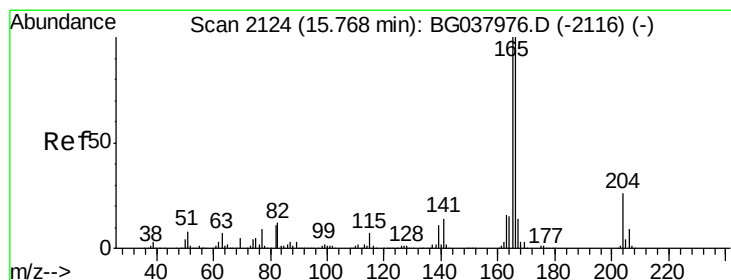
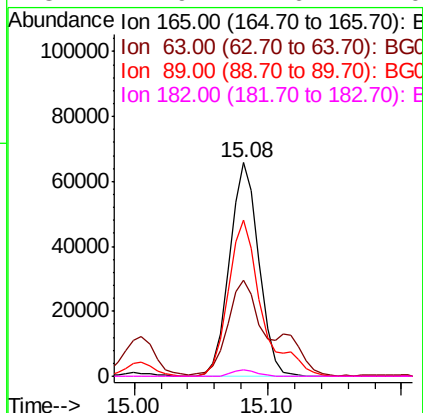
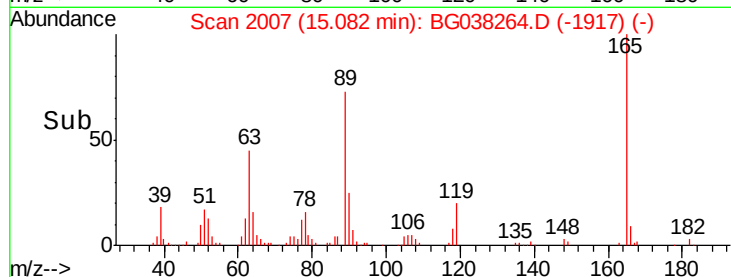
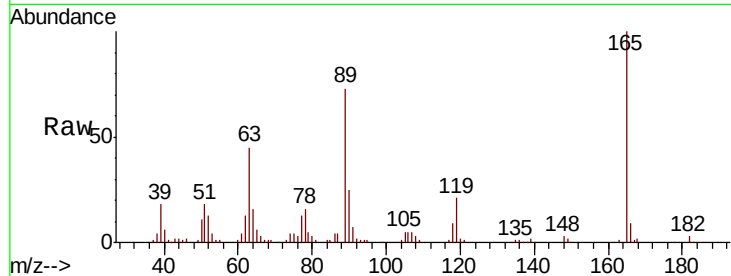




#57
2,4-Dinitrotoluene
Concen: 49.485 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

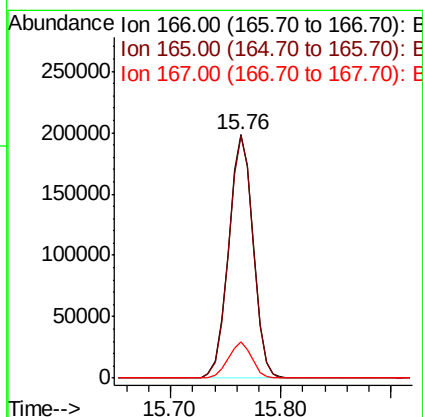
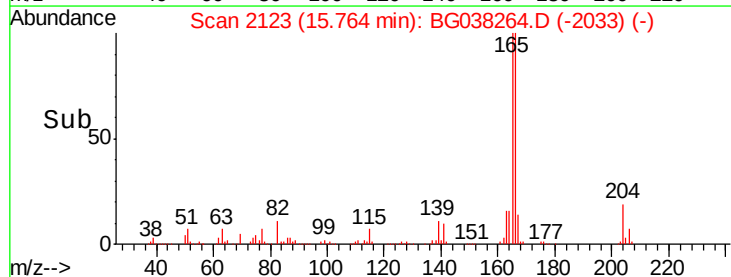
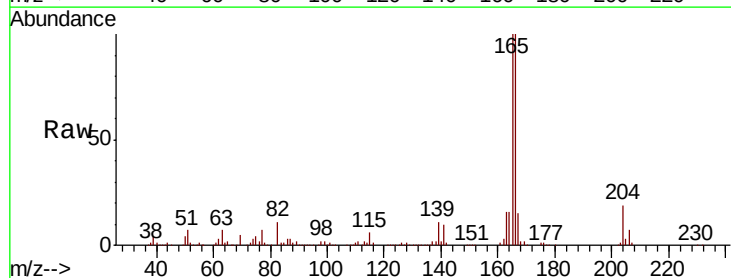
Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

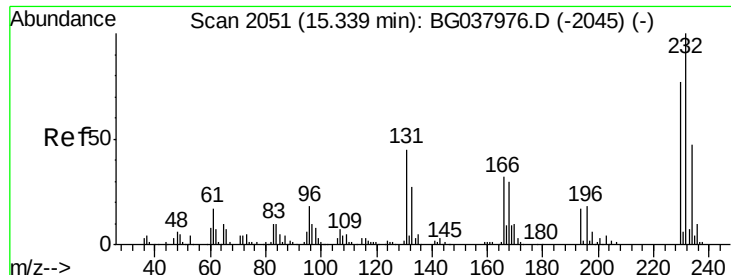
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.1	33.4	50.0
89	73.3	57.2	85.8
182	2.9	2.6	4.0



#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	Lower	Upper
166	100		
165	99.5	79.0	118.6
167	14.8	11.3	16.9

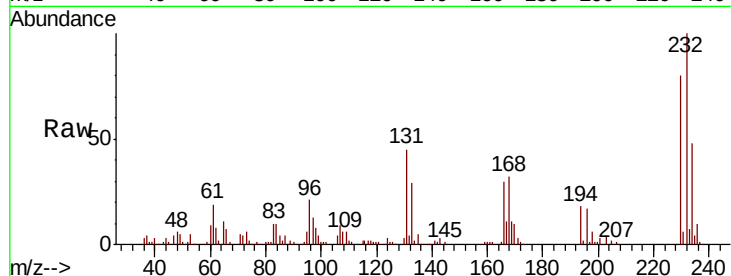




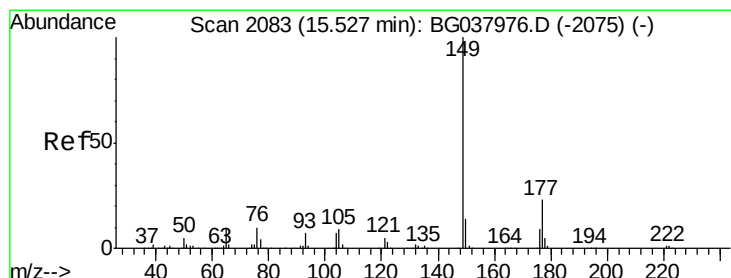
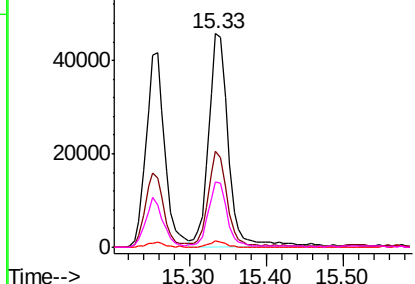
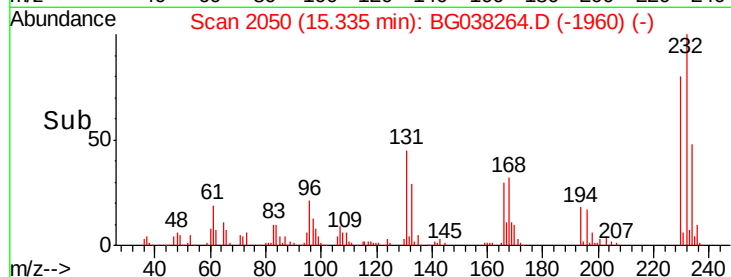
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.633 ng
 RT: 15.33 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MSD

Tot Ion:232 Resp: 79400
 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

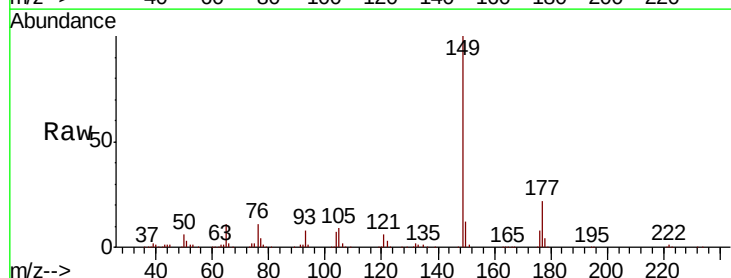


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

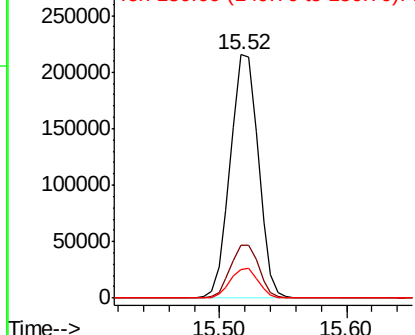
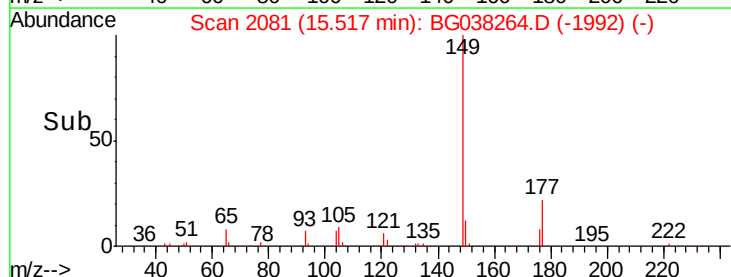


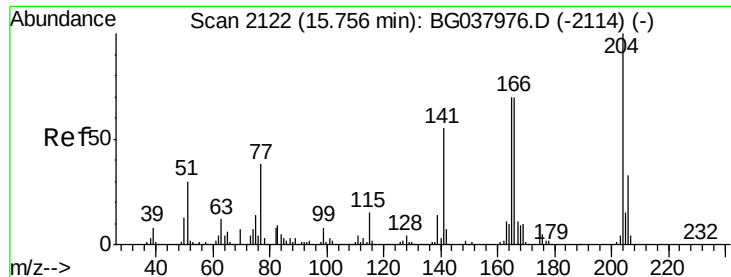
#60
 Diethylphthalate
 Concen: 47.104 ng
 RT: 15.52 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

Tgt Ion:149 Resp: 329785
 Ion Ratio Lower Upper
 149 100
 177 21.9 18.3 27.5
 150 11.8 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 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

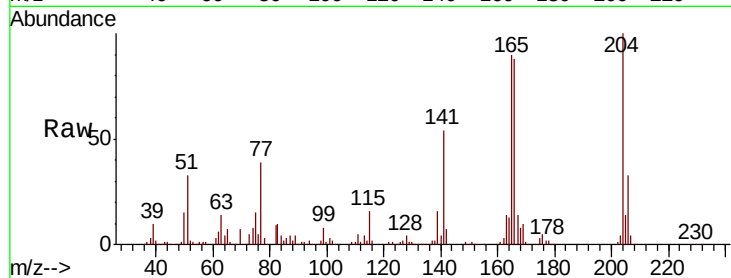
Tot Ion:204 Resp: 162267

Ion Ratio Lower Upper

204 100

206 32.8 26.6 39.8

141 54.4 45.4 68.2

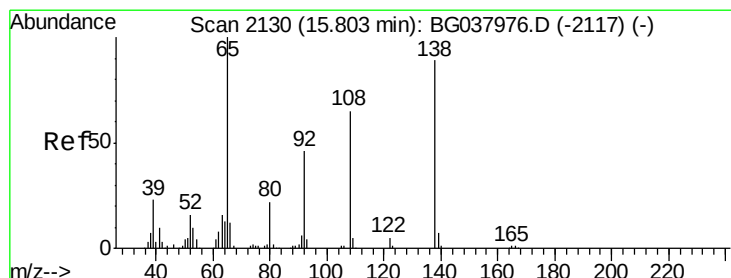
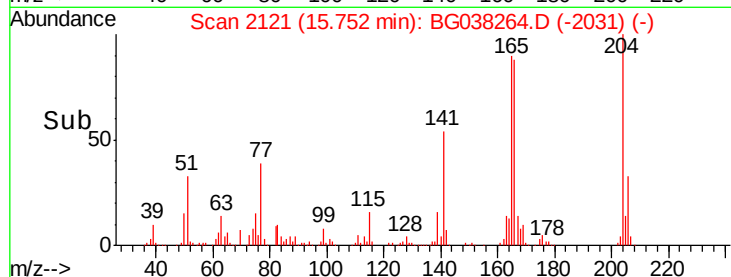
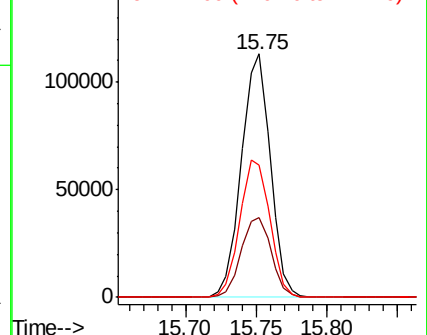


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 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

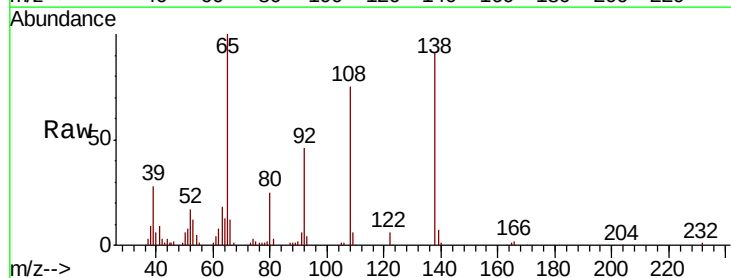
Tgt Ion:138 Resp: 74831

Ion Ratio Lower Upper

138 100

92 50.4 36.4 76.4

108 82.0 60.1 100.1

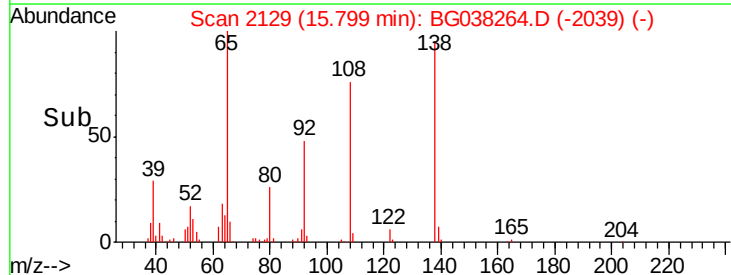
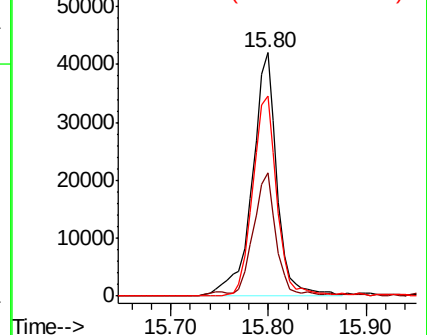


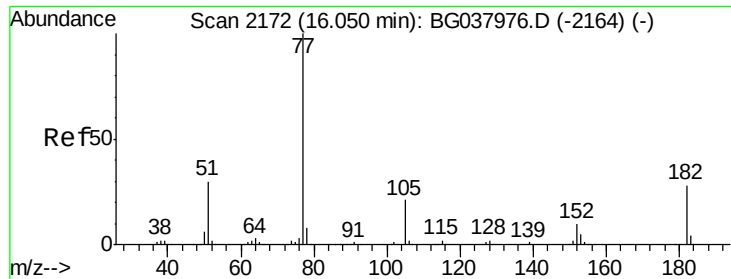
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 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: 77 Resp: 313289

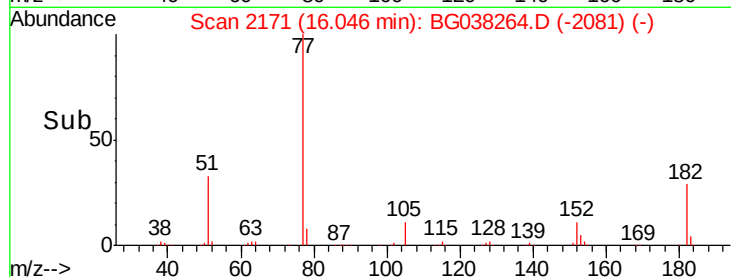
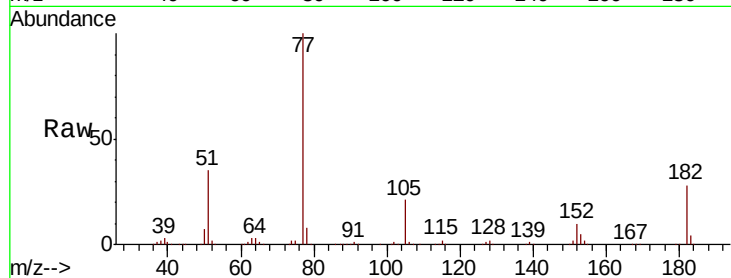
Ion Ratio Lower Upper

77 100

182 27.7 8.0 48.0

105 20.7 1.3 41.3

51 34.8 10.7 50.7

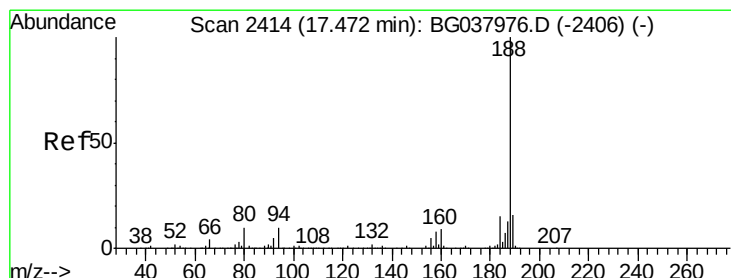
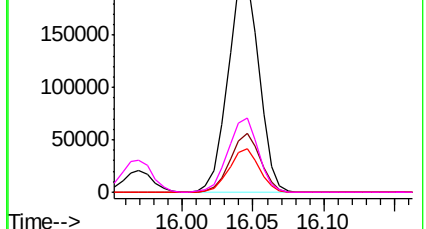


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

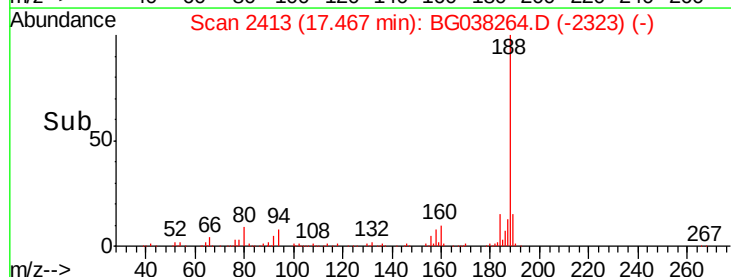
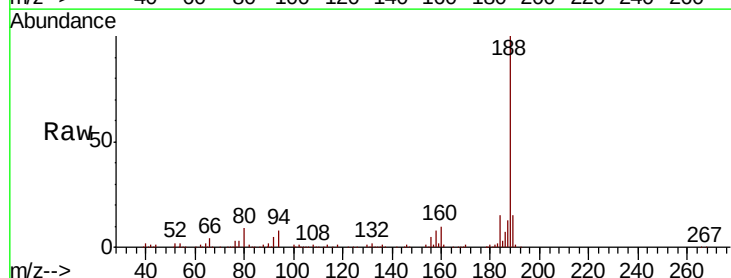
Tgt Ion: 188 Resp: 192559

Ion Ratio Lower Upper

188 100

94 8.0 7.2 10.8

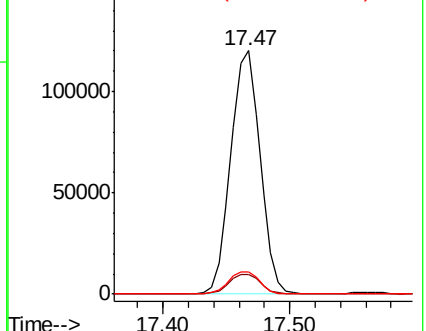
80 9.1 7.7 11.5

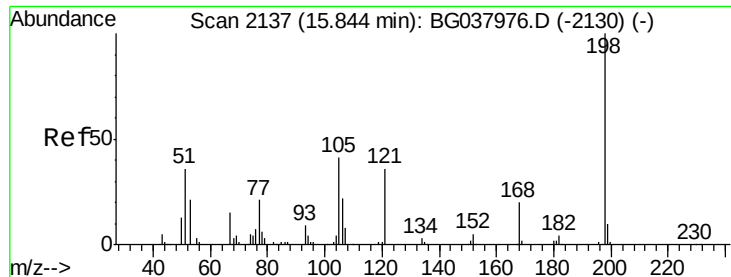


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 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

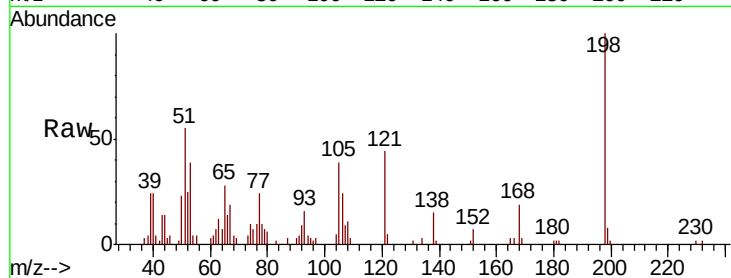
Tot Ion:198 Resp: 13802

Ion Ratio Lower Upper

198 100

51 55.1 22.7 62.7

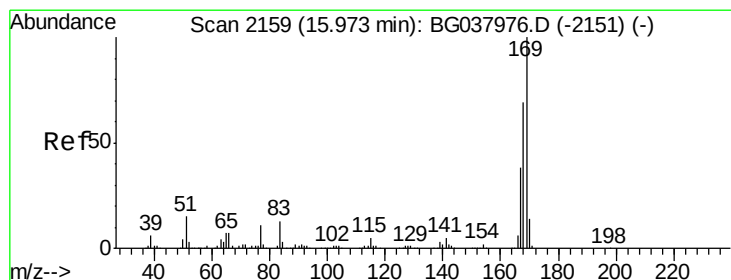
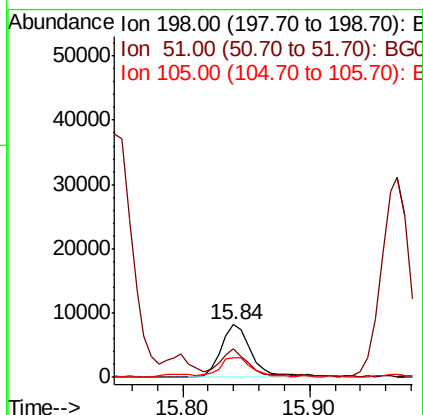
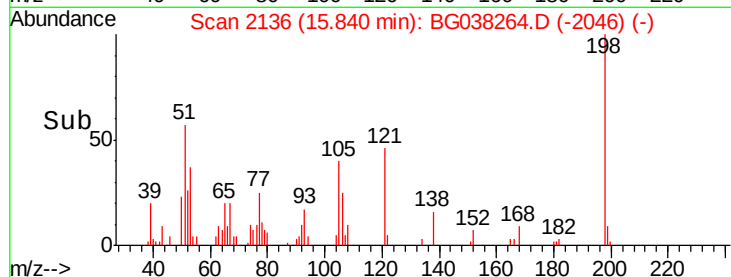
105 38.6 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037976.D (-2130) (-)

Ion 105.00 (104.70 to 105.70): E



#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

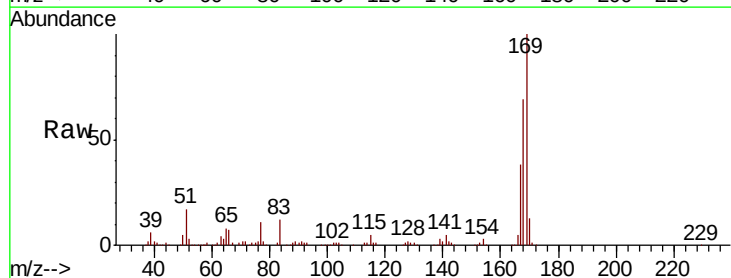
Tgt Ion:169 Resp: 278336

Ion Ratio Lower Upper

169 100

168 69.0 55.7 83.5

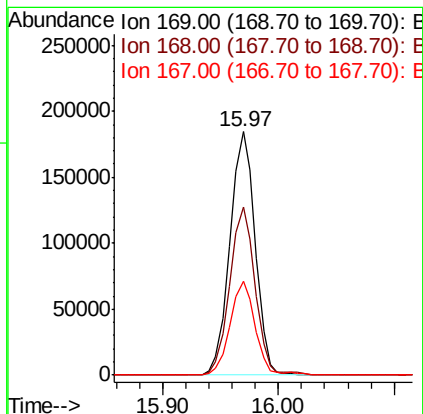
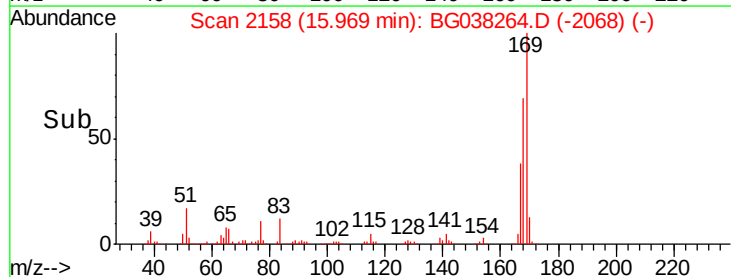
167 38.3 31.3 46.9

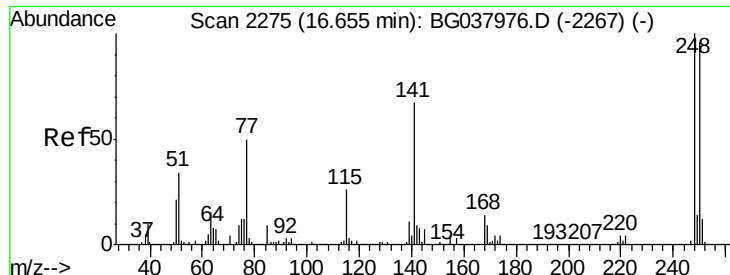


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

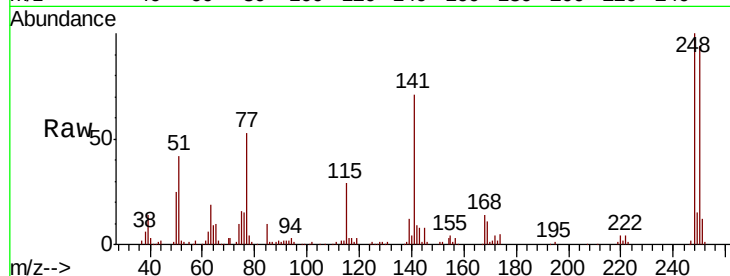




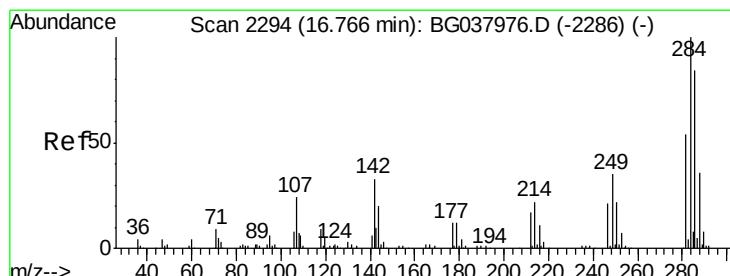
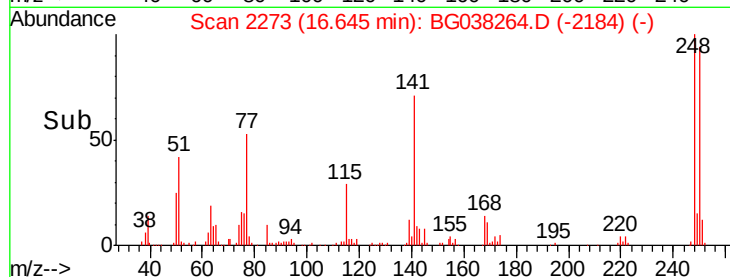
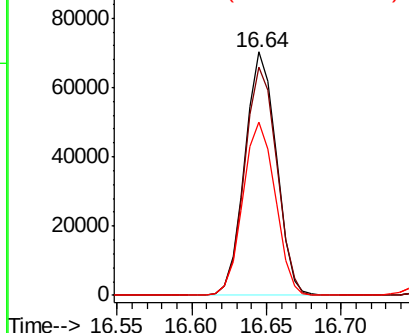
#67
 4-Bromophenyl-phenylether
 Concen: 48.539 ng
 RT: 16.64 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MSD

Tot Ion:248 Resp: 102587
 Ion Ratio Lower Upper
 248 100
 250 94.0 77.0 115.6
 141 71.0 55.5 83.3

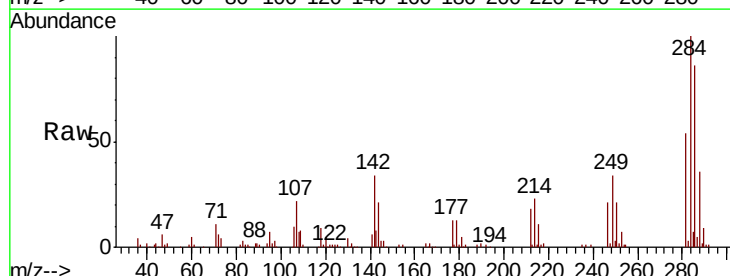


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

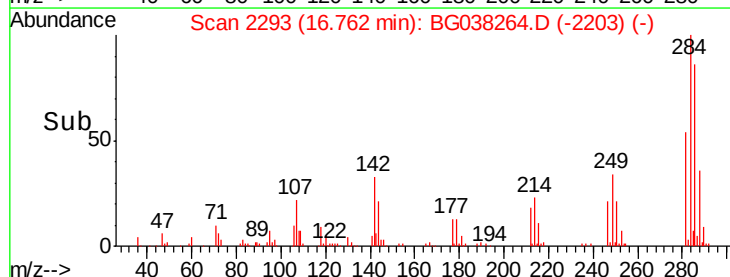
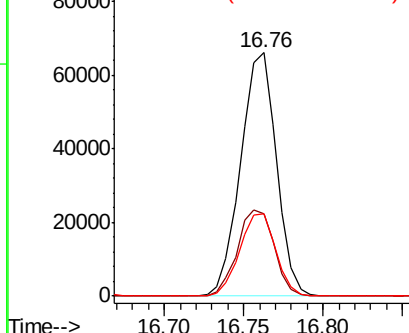


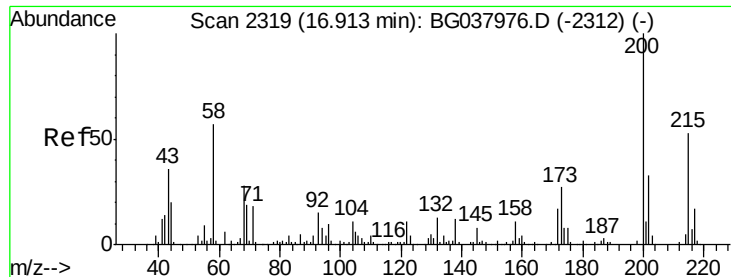
#68
 Hexachlorobenzene
 Concen: 47.463 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

Tgt Ion:284 Resp: 103543
 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

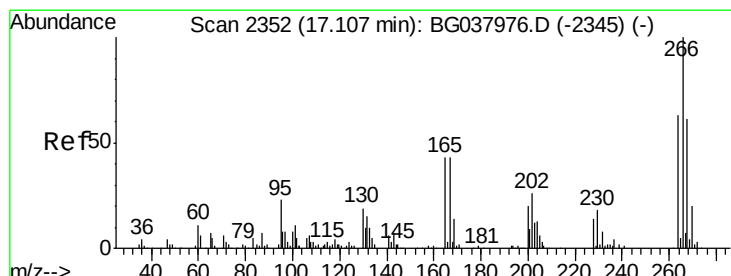
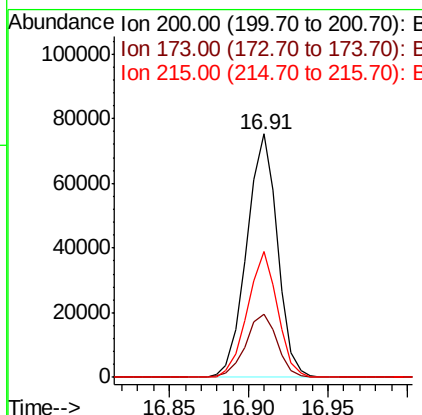
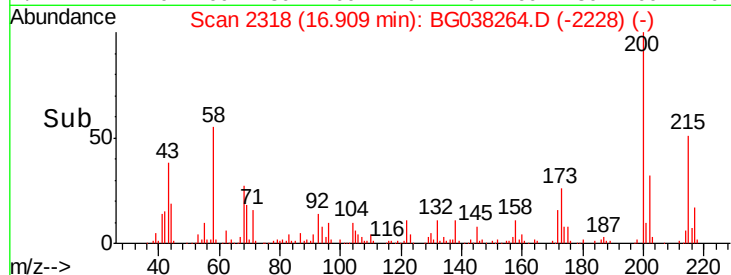
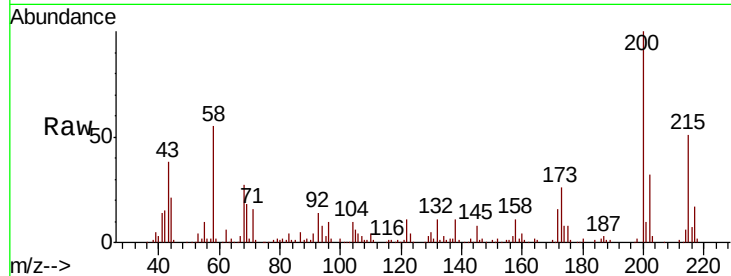




#69
Atrazine
Concen: 47.174 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

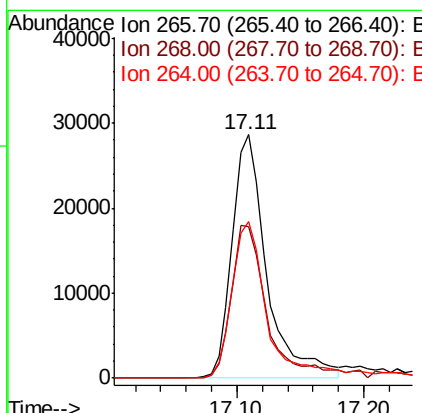
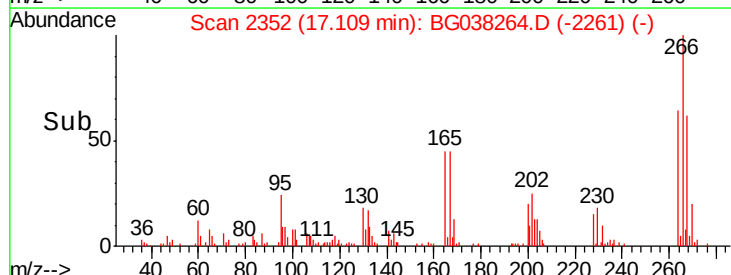
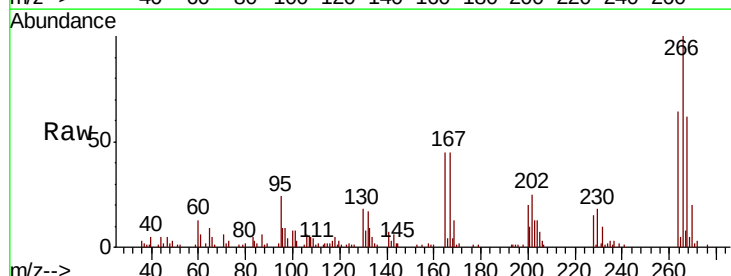
Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

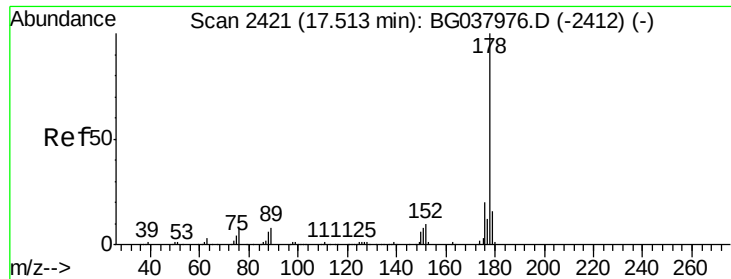
Tot Ion:200 Resp: 101304
Ion Ratio Lower Upper
200 100
173 26.0 6.1 46.1
215 51.5 30.8 70.8



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

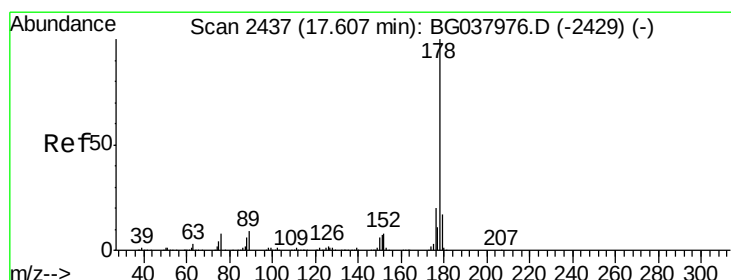
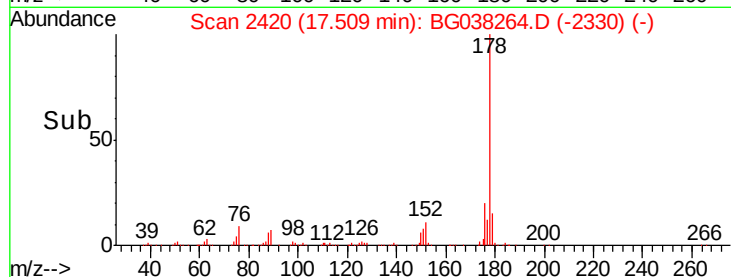
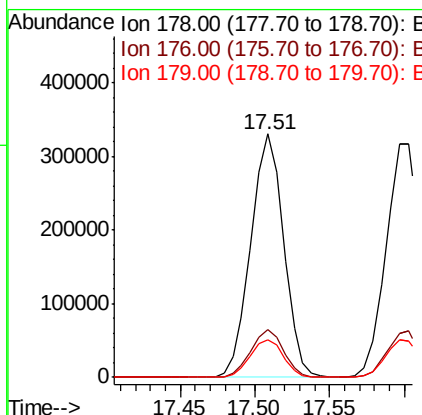
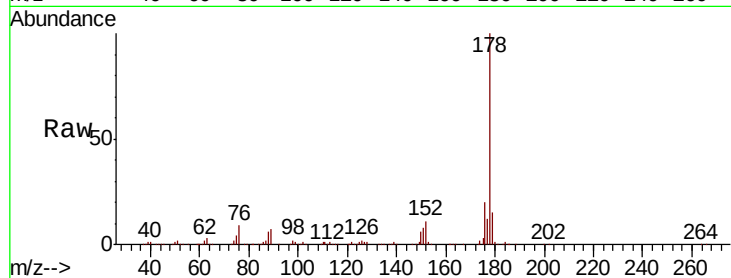




#71
Phenanthrene
Concen: 51.053 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

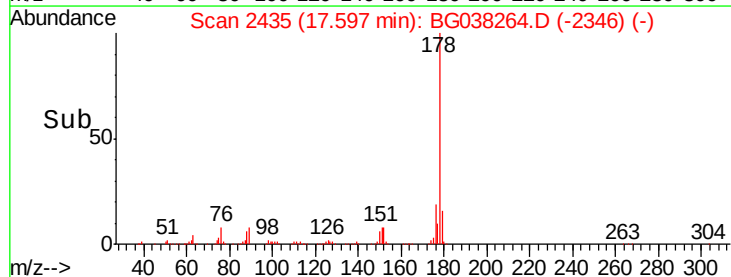
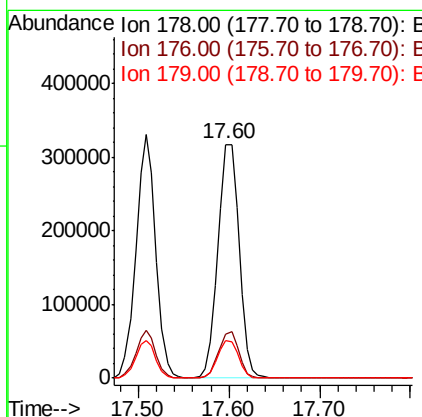
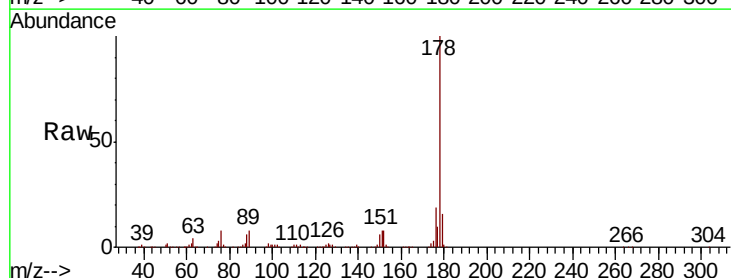
Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

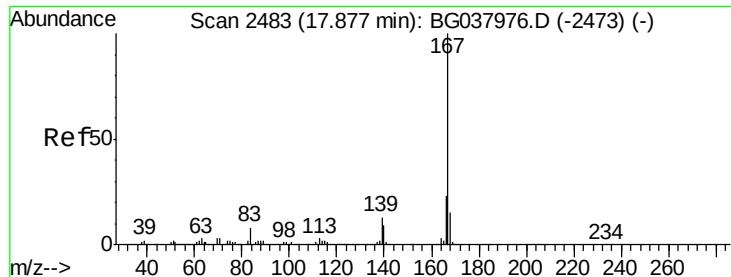
Tot Ion:178 Resp: 503322
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 15.4 13.0 19.4



#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:178 Resp: 515265
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 16.1 12.8 19.2

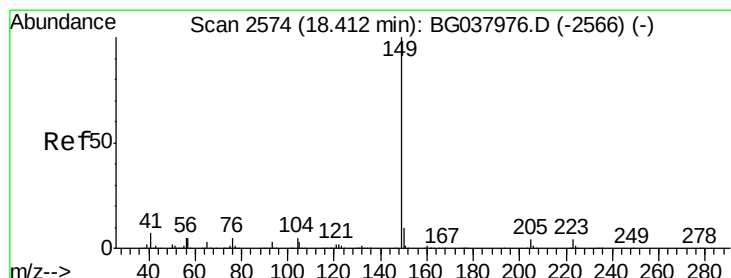
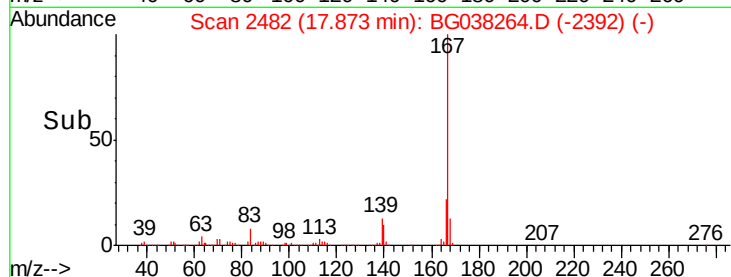
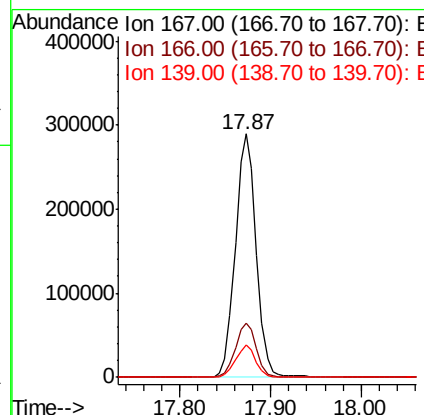
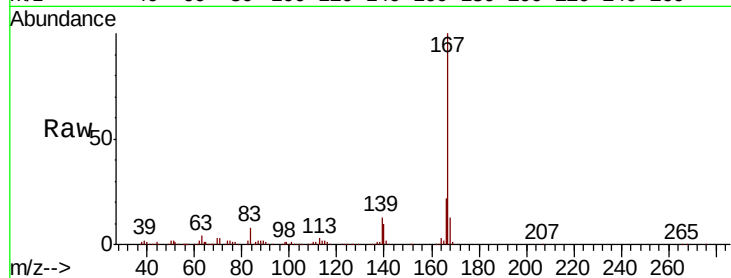




#73
 Carbazole
 Concen: 47.496 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

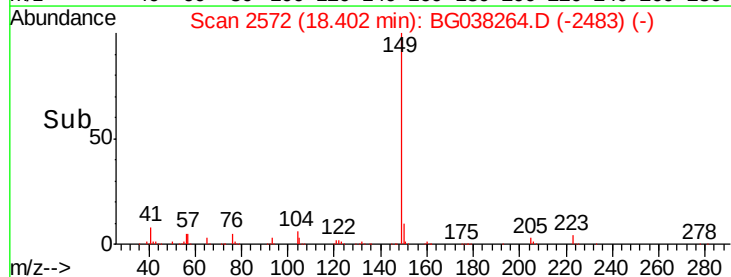
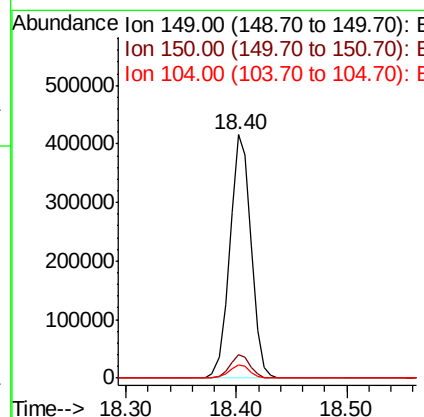
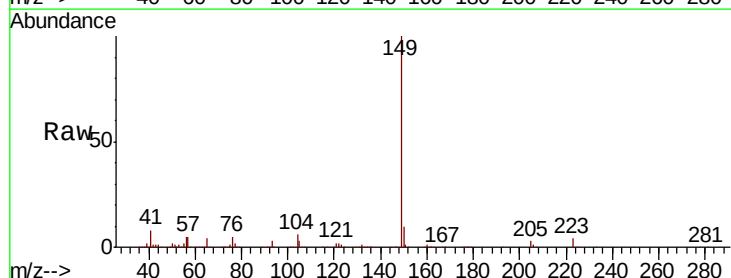
Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MSD

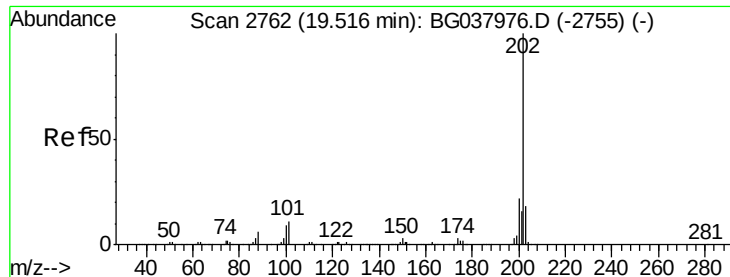
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.3	27.5
139	13.1	10.5	15.7



#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	Lower	Upper
149	100		
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

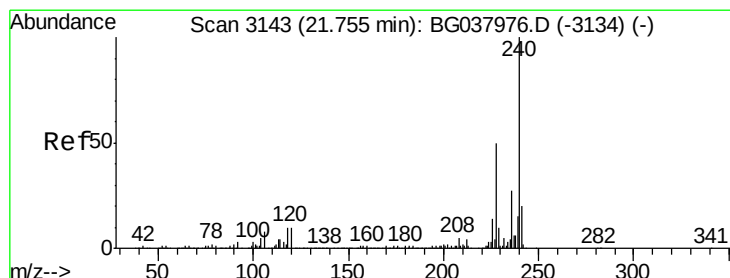
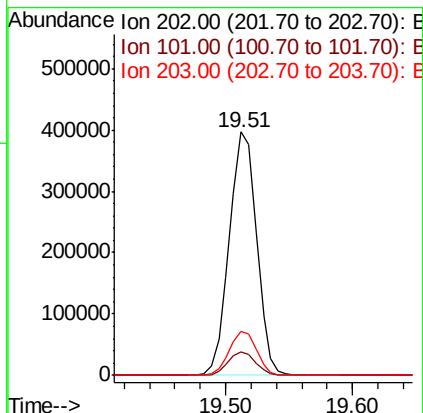
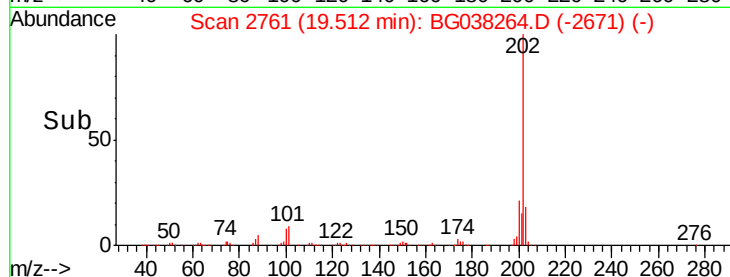
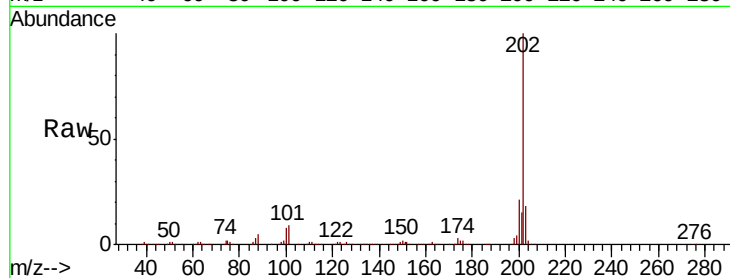
Instrument :

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



#76

Chrysene-d12

Concen: 20.000 ng

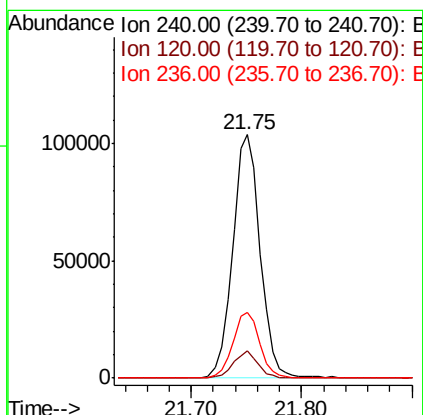
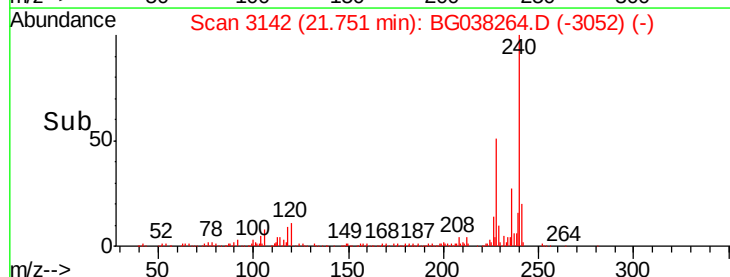
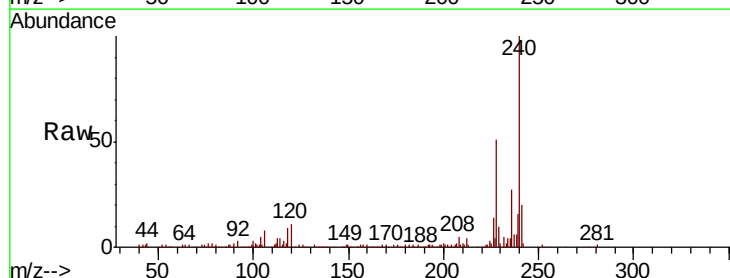
RT: 21.75 min Scan# 3142

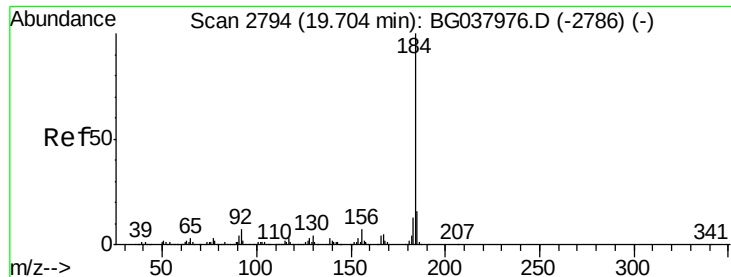
Delta R.T. -0.00 min

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

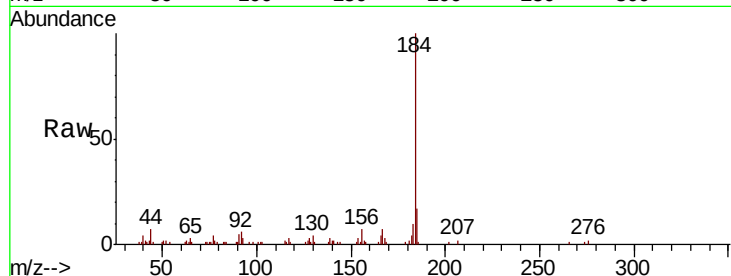
Tot Ion:184 Resp: 42593

Ion Ratio Lower Upper

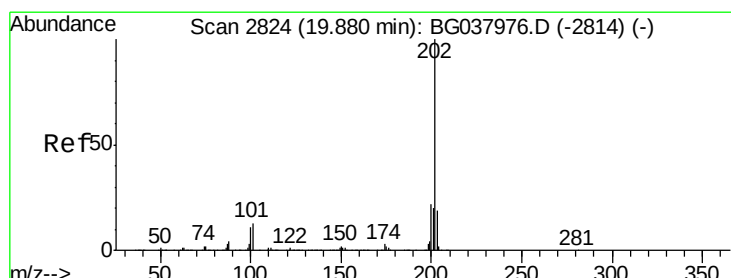
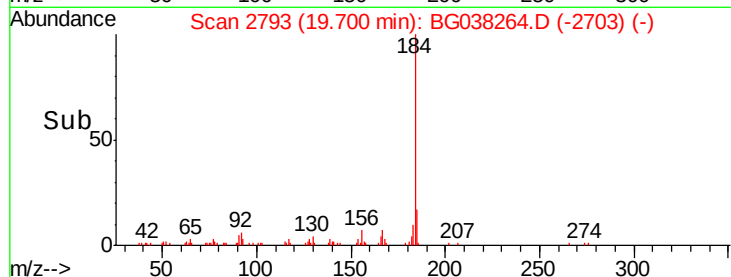
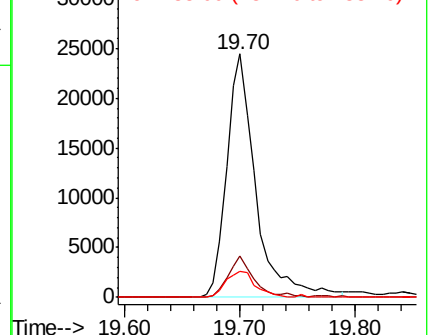
184 100

185 17.1 12.6 18.8

183 10.4 10.2 15.2



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



#78

Pyrene

Concen: 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

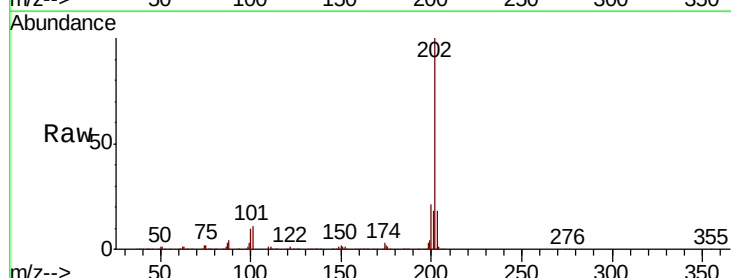
Tgt Ion:202 Resp: 602875

Ion Ratio Lower Upper

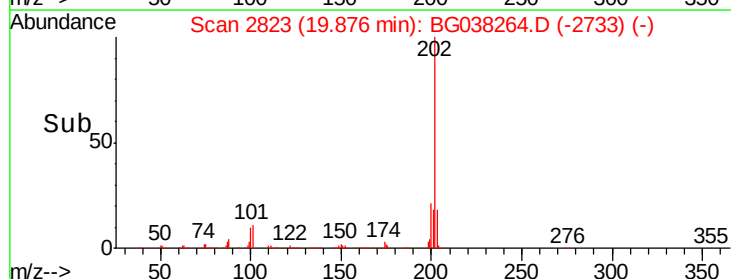
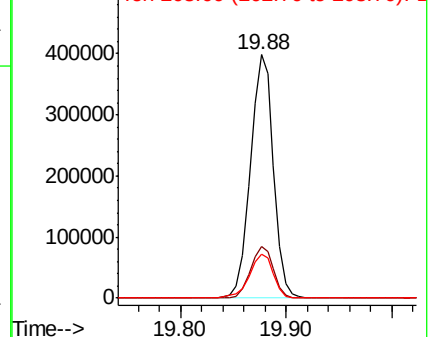
202 100

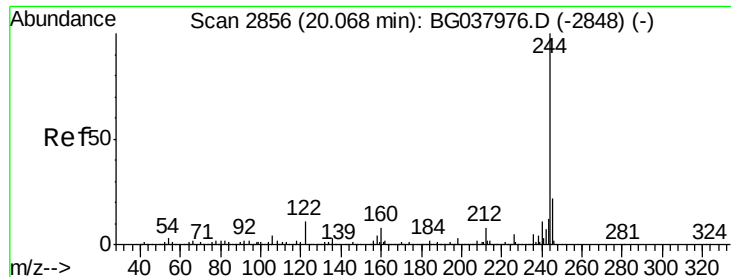
200 21.1 17.8 26.6

203 17.9 15.2 22.8



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





#79

Terphenyl-d14

Concen: 98.297 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038264.D

Acq: 30 Nov 2018 19:20

Instrument :

BNA_G

ClientSampleId :

AU-06-112918MSD

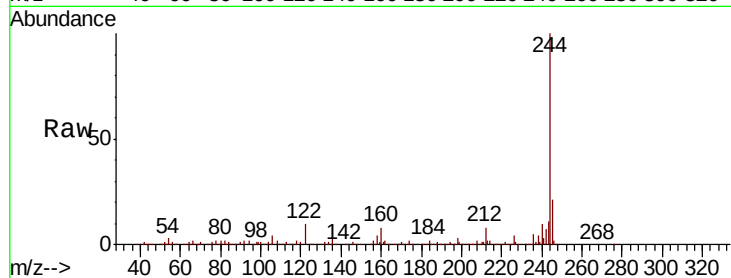
Tot Ion:244 Resp: 752761

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

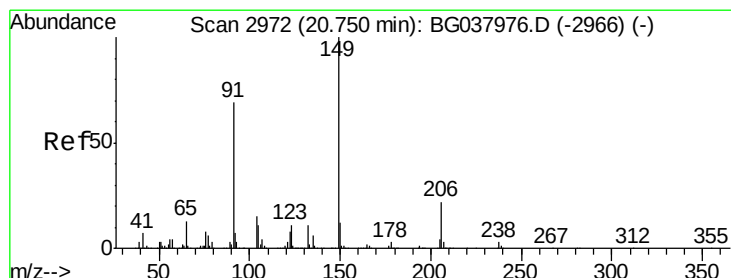
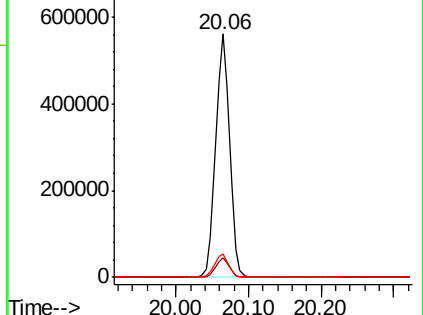
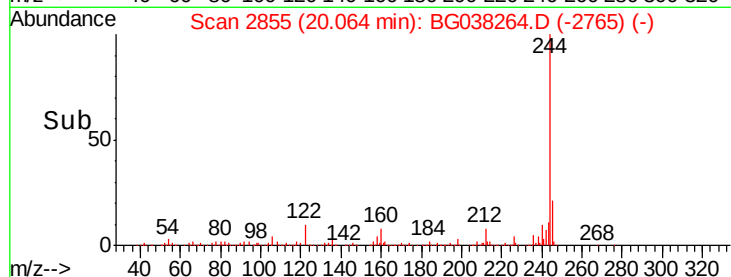
122 9.8 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 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

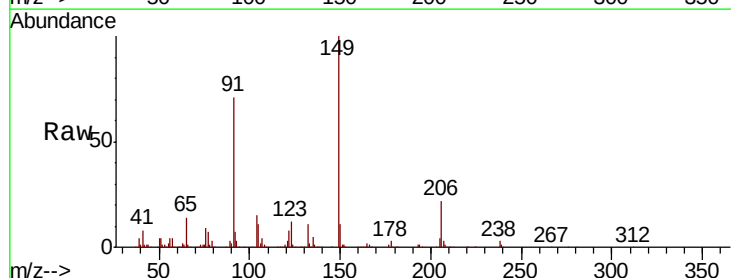
Tgt Ion:149 Resp: 248776

Ion Ratio Lower Upper

149 100

91 70.6 57.0 85.4

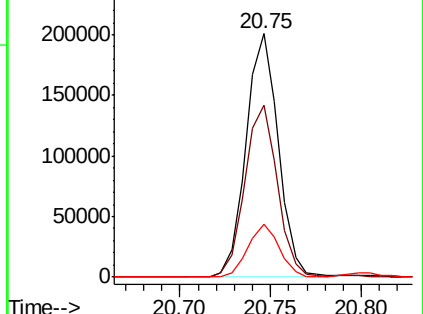
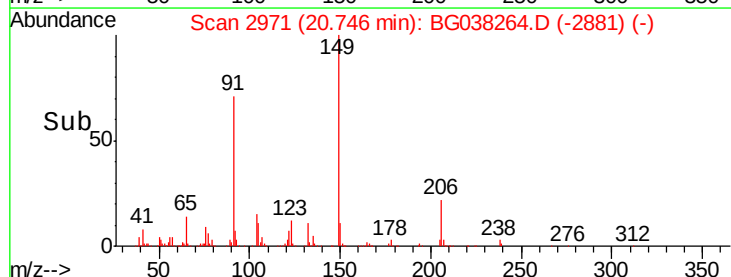
206 21.7 17.8 26.6

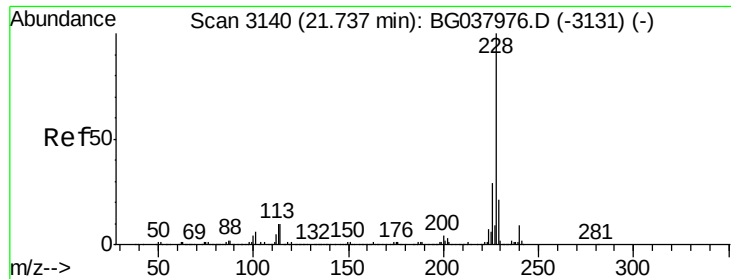


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 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

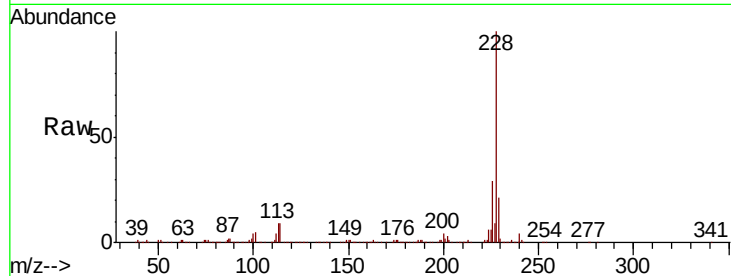
Tot Ion:228 Resp: 564236

Ion Ratio Lower Upper

228 100

226 29.0 22.6 33.8

229 20.7 16.3 24.5

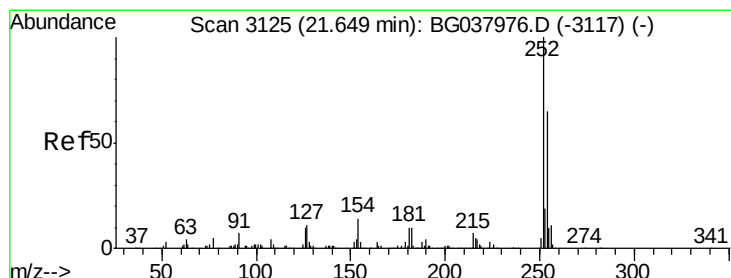
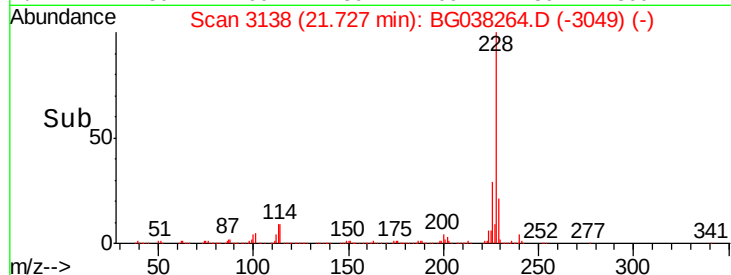
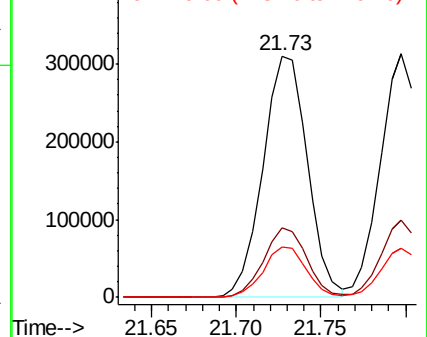


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 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

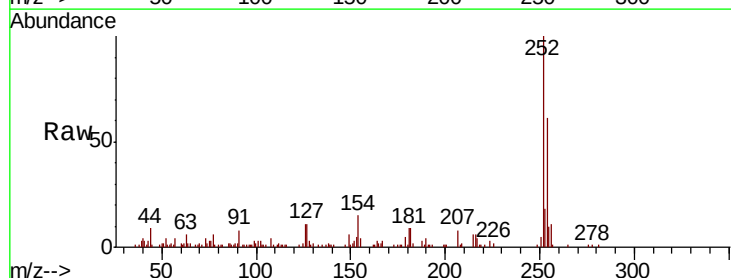
Tgt Ion:252 Resp: 43967

Ion Ratio Lower Upper

252 100

254 61.3 52.0 78.0

126 10.7 8.2 12.4

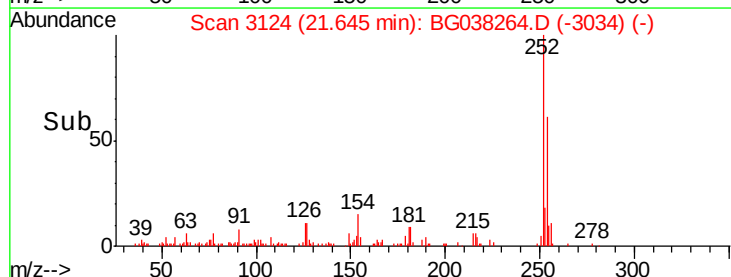
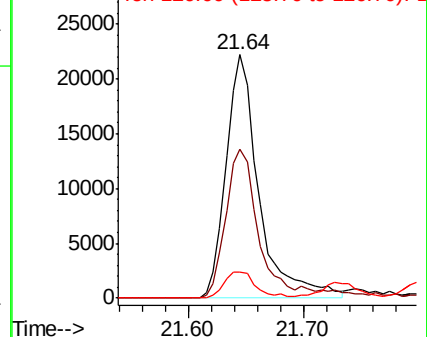


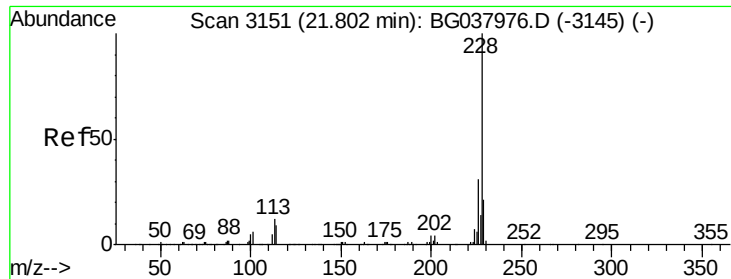
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

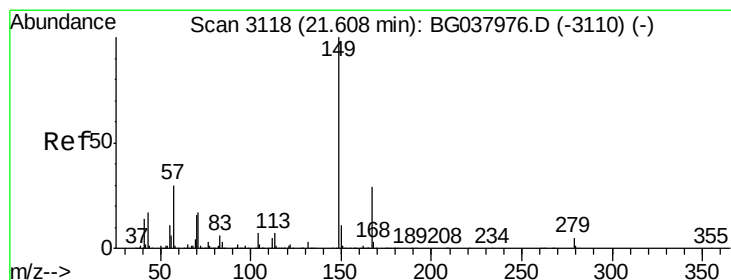
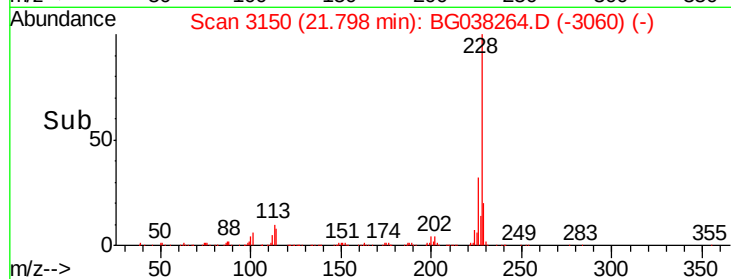
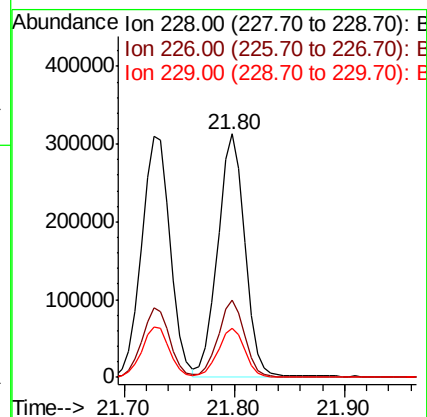
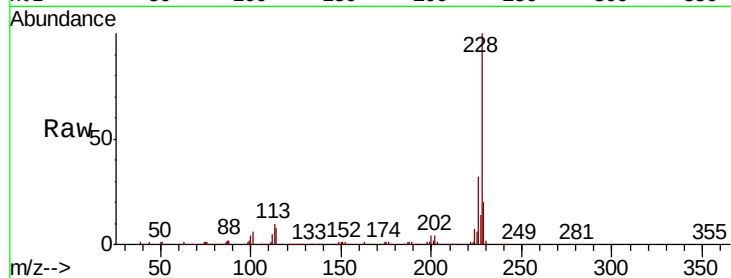




#83
 Chrysene
 Concen: 51.033 ng
 RT: 21.80 min Scan# 3150
 Delta R.T. -0.00 min
 Lab File: BG038264.D
 Acq: 30 Nov 2018 19:20

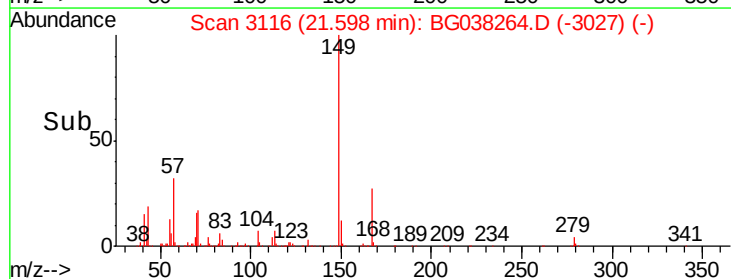
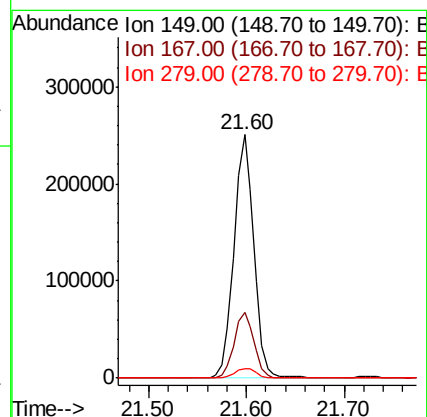
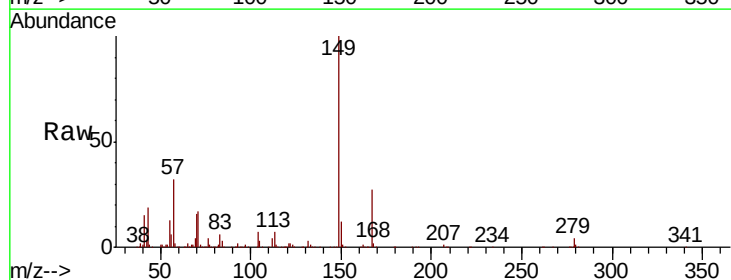
Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MSD

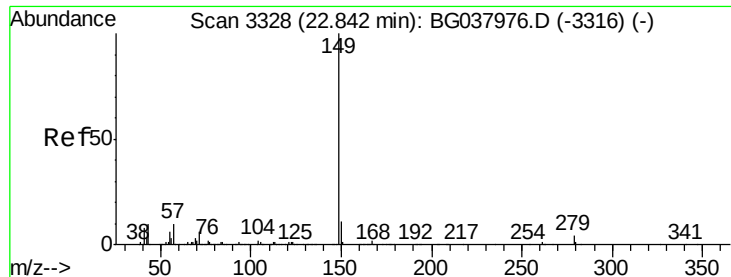
Tot Ion:228 Resp: 531700
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.7 38.5
 229 20.3 16.5 24.7



#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:149 Resp: 354004
 Ion Ratio Lower Upper
 149 100
 167 27.1 23.0 34.4
 279 3.9 3.6 5.4

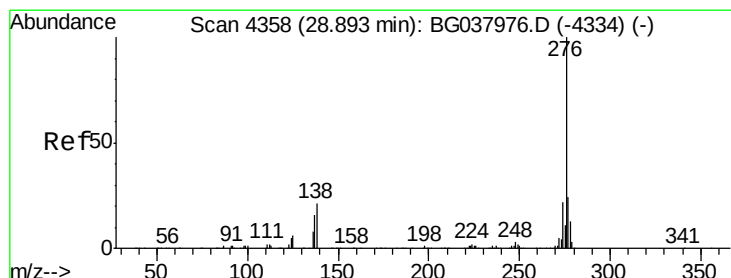
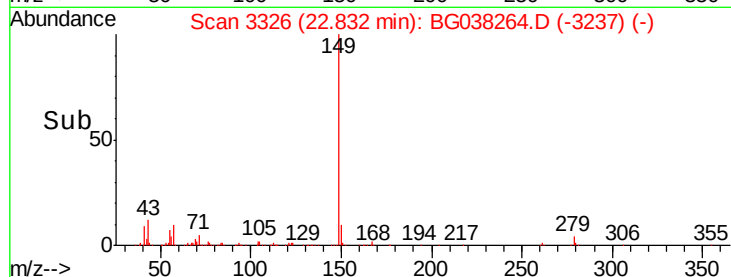
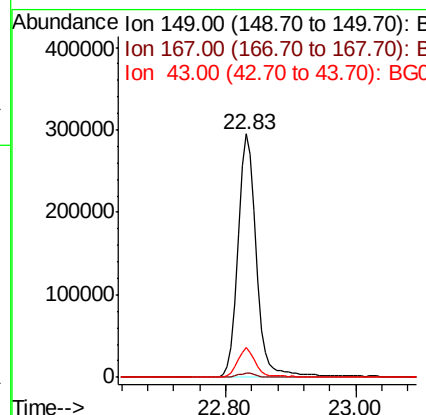
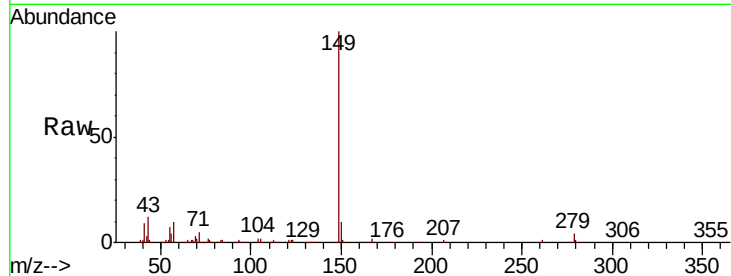




#85
Di-n-octyl phthalate
Concen: 48.719 ng
RT: 22.83 min Scan# 3326
Delta R.T. -0.01 min
Lab File: BG038264.D
Acq: 30 Nov 2018 19:20

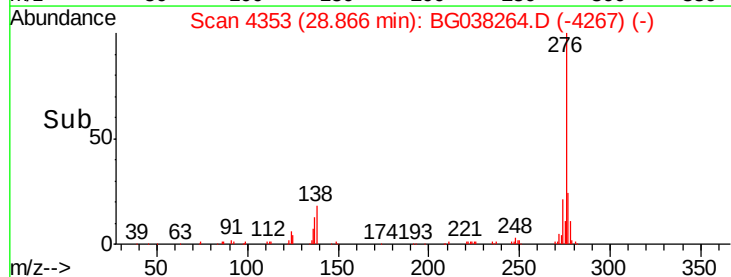
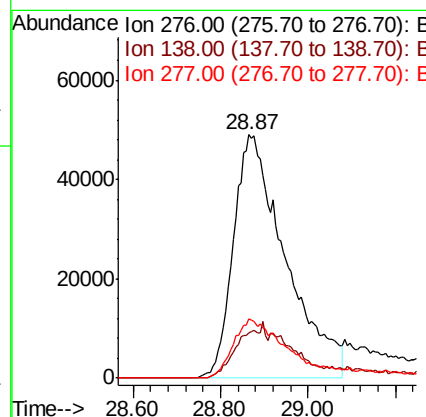
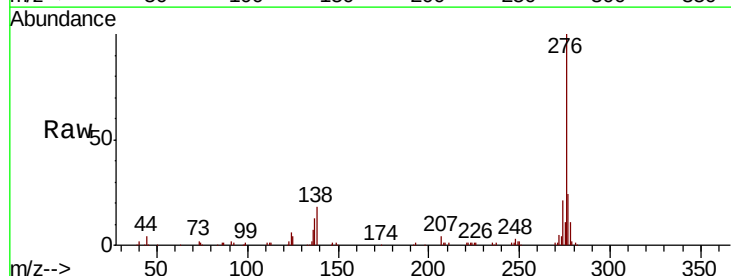
Instrument :
BNA_G
ClientSampleId :
AU-06-112918MSD

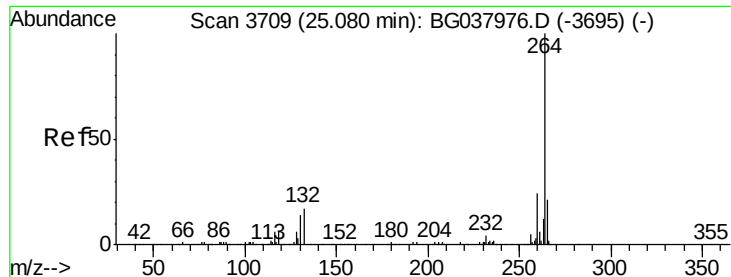
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.4	8.7	13.1



#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	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

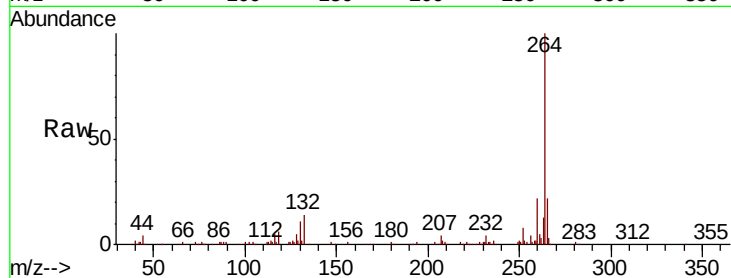
Tot Ion:264 Resp: 174035

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

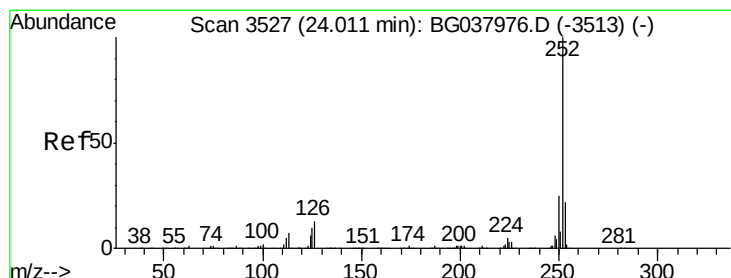
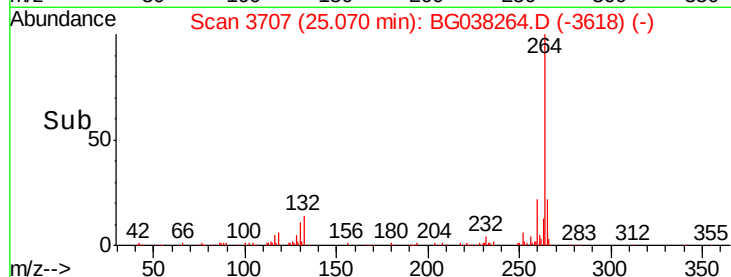
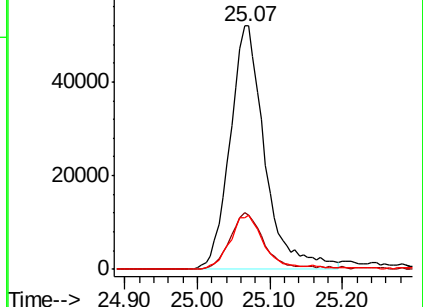
265 22.3 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 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

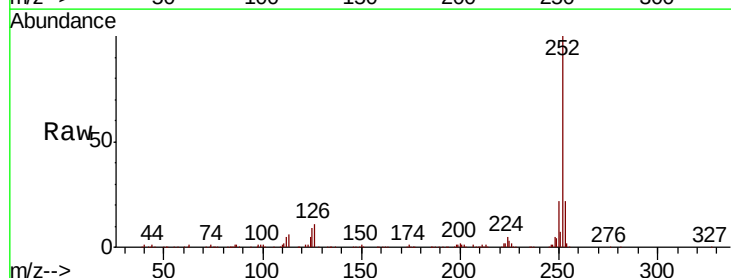
Tgt Ion:252 Resp: 521602

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

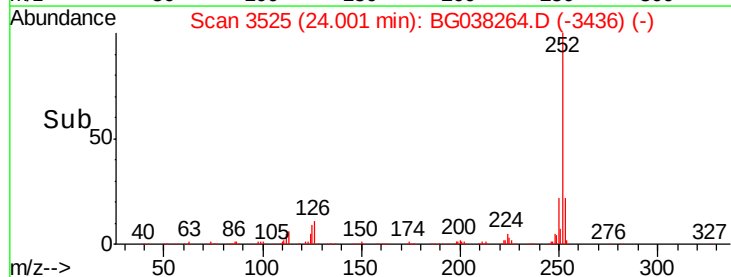
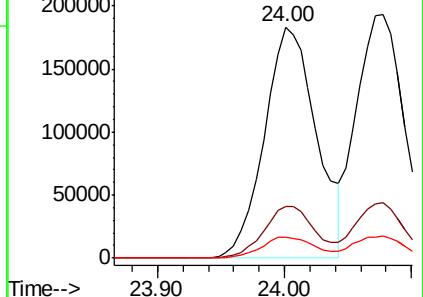
125 9.3 7.8 11.6

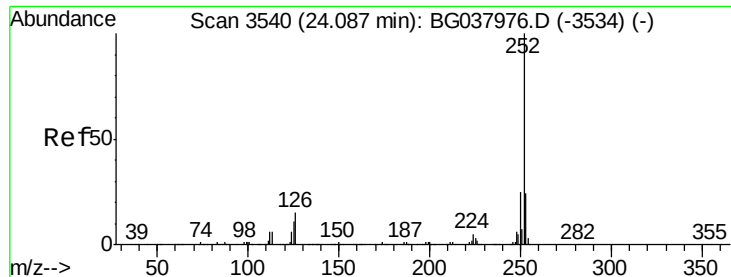


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 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

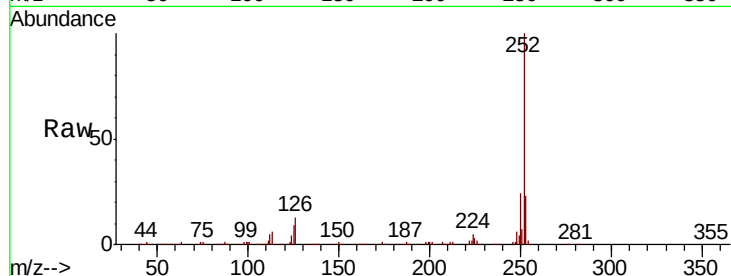
Tot Ion:252 Resp: 532530

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

125 9.3 7.4 11.0

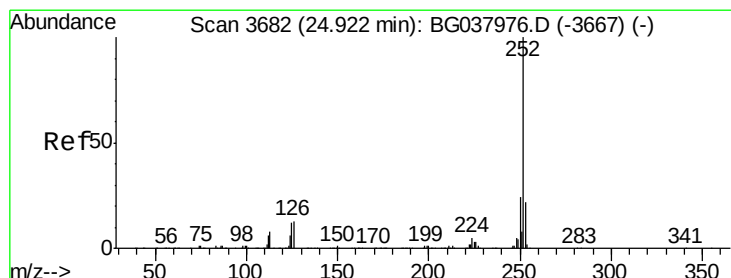
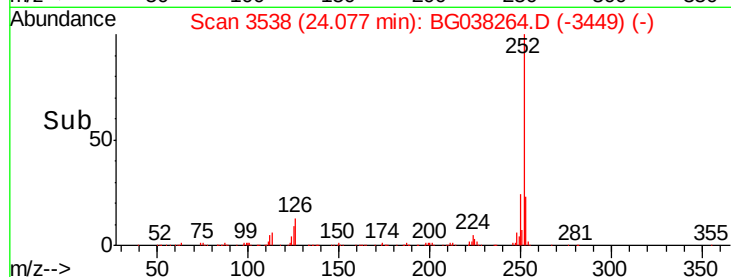
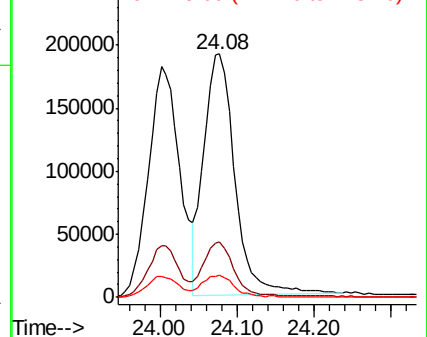


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#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

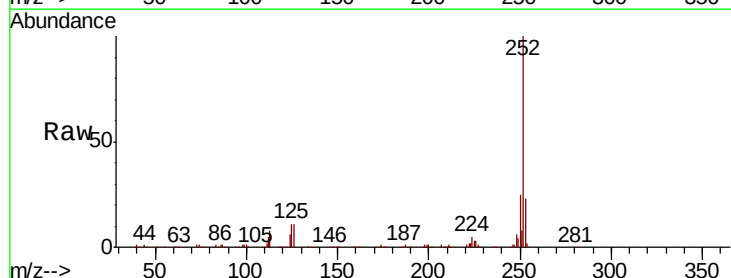
Tgt Ion:252 Resp: 499646

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 10.6 9.0 13.6

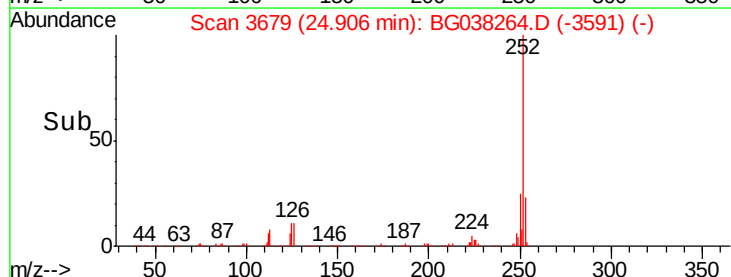
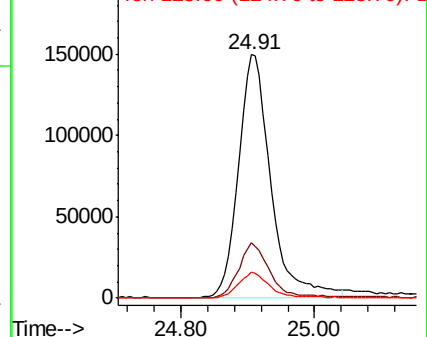


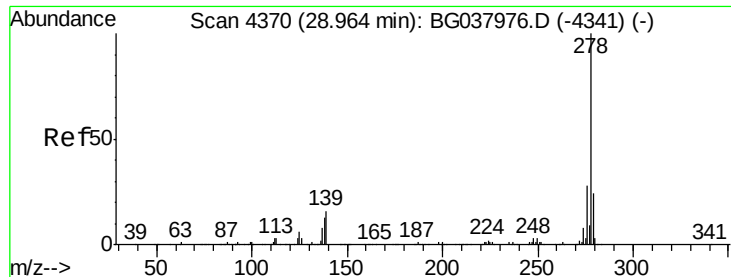
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#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

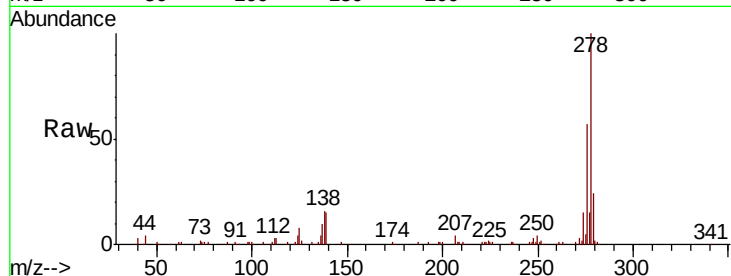
Tot Ion:278 Resp: 298770

Ion Ratio Lower Upper

278 100

139 15.3 11.5 17.3

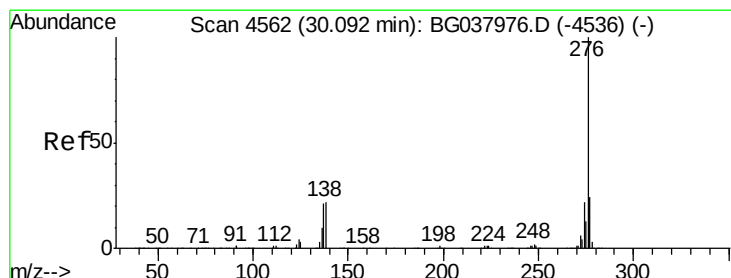
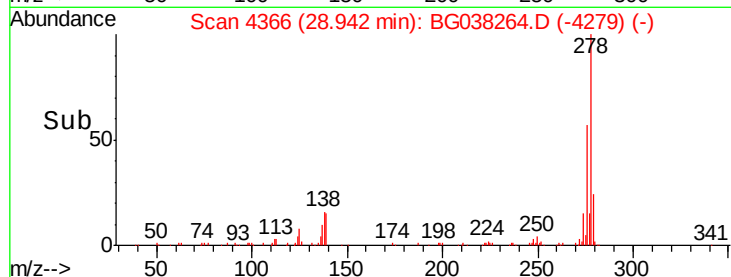
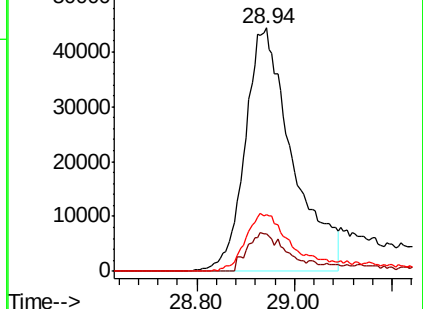
279 23.5 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#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

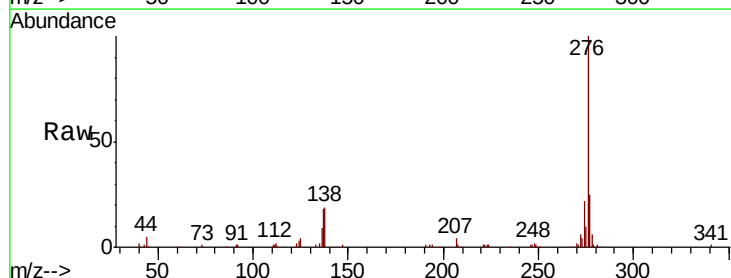
Tgt Ion:276 Resp: 316174

Ion Ratio Lower Upper

276 100

277 24.9 18.9 28.3

138 18.7 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

