

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120418\
 Data File : BG038335.D
 Acq On : 4 Dec 2018 21:56
 Operator : JU/SJ
 Sample : J5764-22MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Quant Time: Dec 05 02:40:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	28364	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	119703	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	78358	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	195666	20.00	ng	0.00
76) Chrysene-d12	21.74	240	184125	20.00	ng	0.00
87) Perylene-d12	25.05	264	193897	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	177856	110.97	ng	0.00
7) Phenol-d6	7.22	99	230995	99.71	ng	0.00
23) Nitrobenzene-d5	9.25	82	187568	77.80	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	122223	127.06	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	409836	74.53	ng	0.00
79) Terphenyl-d14	20.06	244	711045	82.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	22398	30.490	ng	# 1
3) Pyridine	3.92	79	89177	40.578	ng	97
4) n-Nitrosodimethylamine	3.83	42	48700	50.589	ng	93
6) Aniline	7.40	93	48309	16.327	ng	97
8) 2-Chlorophenol	7.63	128	81596	43.834	ng	97
9) Benzaldehyde	7.21	77	45574	31.068	ng	97
10) Phenol	7.25	94	88653	36.220	ng	93
11) bis(2-Chloroethyl)ether	7.49	93	78954	39.387	ng	98
12) 1,3-Dichlorobenzene	7.96	146	84621	38.895	ng	96
13) 1,4-Dichlorobenzene	8.11	146	86791	38.556	ng	99
14) 1,2-Dichlorobenzene	8.43	146	83126	40.128	ng	97
15) Benzyl Alcohol	8.31	79	77618	40.754	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	177571	38.945	ng	96
17) 2-Methylphenol	8.51	107	71574	42.068	ng	97
18) Hexachloroethane	9.15	117	32075	39.479	ng	93
19) n-Nitroso-di-n-propylamine	8.88	70	67652	39.954	ng	94
20) 3+4-Methylphenols	8.84	107	98282	39.857	ng	95
22) Acetophenone	8.90	105	127047	44.246	ng	# 95
24) Nitrobenzene	9.29	77	110544	45.128	ng	97
25) Isophorone	9.81	82	229955	54.272	ng	99
26) 2-Nitrophenol	10.01	139	49428	43.549	ng	95
27) 2,4-Dimethylphenol	10.05	122	86335	52.959	ng	96
28) bis(2-Chloroethoxy)methane	10.29	93	112241	46.209	ng	99
29) 2,4-Dichlorophenol	10.54	162	88308	47.454	ng	98
30) 1,2,4-Trichlorobenzene	10.75	180	89399	40.924	ng	99
31) Naphthalene	10.94	128	260609	45.578	ng	98
32) Benzoic acid	10.18	122	40624	36.379	ng	97
33) 4-Chloroaniline	11.06	127	12097	4.779	ng	# 86
34) Hexachlorobutadiene	11.20	225	55525	40.629	ng	98
35) Caprolactam	11.88	113	11508	14.954	ng	91
36) 4-Chloro-3-methylphenol	12.16	107	111093	53.730	ng	98
37) 2-Methylnaphthalene	12.54	142	200213	49.168	ng	97
38) 1-Methylnaphthalene	12.76	142	186877	47.917	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	107018	39.691	ng	99

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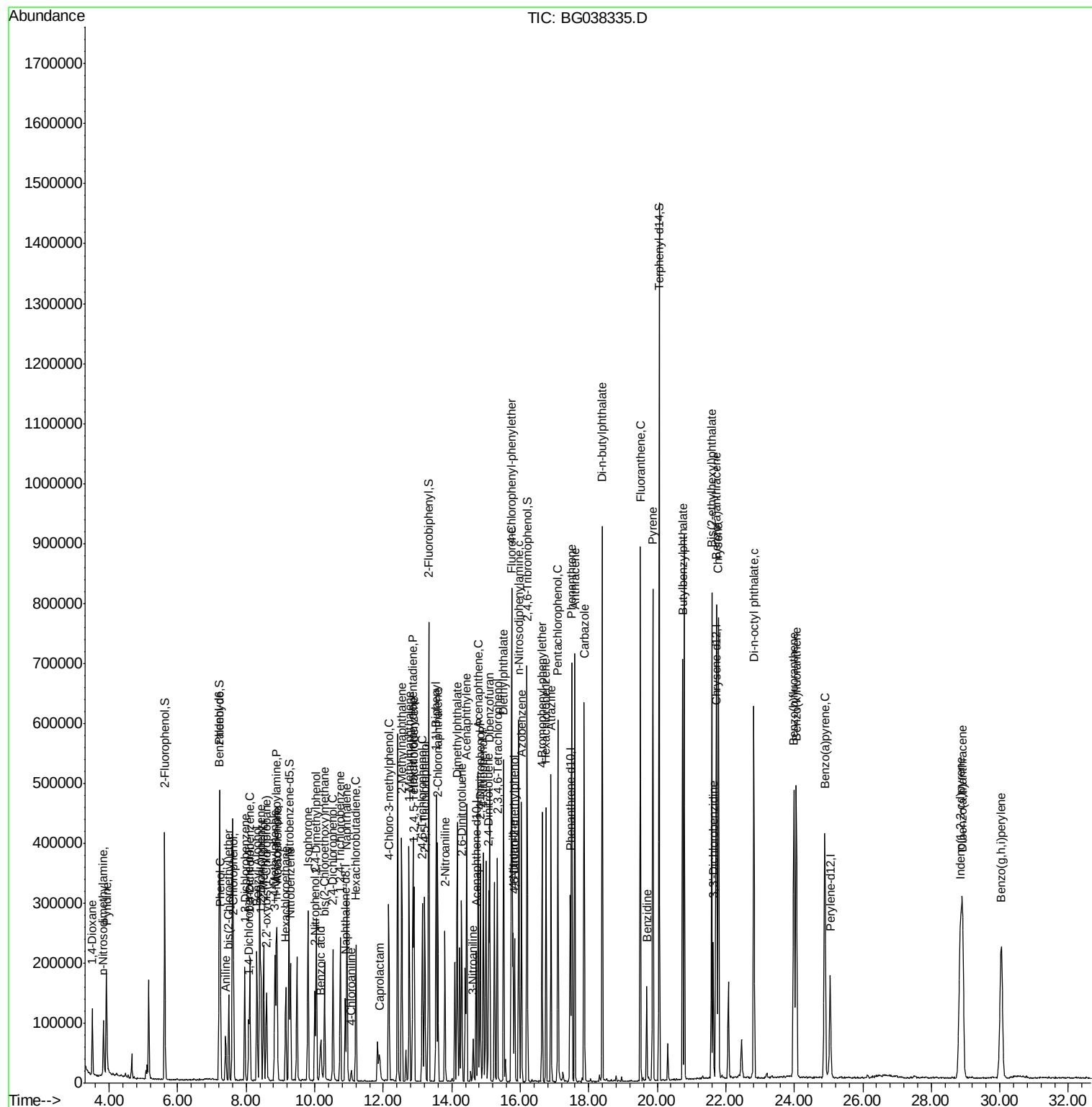
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	124137	83.779	ng	99
43) 2,4,6-Trichlorophenol	13.14	196	78165	44.752	ng	99
44) 2,4,5-Trichlorophenol	13.21	196	86554	46.777	ng	95
46) 1,1'-Biphenyl	13.54	154	262914	39.694	ng	99
47) 2-Chloronaphthalene	13.59	162	203473	40.710	ng	99
48) 2-Nitroaniline	13.80	65	74986	44.719	ng	95
49) Acenaphthylene	14.44	152	347594	46.177	ng	99
50) Dimethylphthalate	14.16	163	292207	46.493	ng	99
51) 2,6-Dinitrotoluene	14.29	165	65267	45.461	ng	93
52) Acenaphthene	14.77	154	200183	43.623	ng	98
53) 3-Nitroaniline	14.62	138	19302	12.483	ng	# 95
54) 2,4-Dinitrophenol	14.83	184	86043	109.330	ng	# 85
55) Dibenzofuran	15.11	168	328556	43.308	ng	96
56) 4-Nitrophenol	14.92	139	96467	78.980	ng	80
57) 2,4-Dinitrotoluene	15.08	165	93140	47.037	ng	97
58) Fluorene	15.76	166	270064	48.318	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	78205	48.664	ng	96
60) Diethylphthalate	15.51	149	302941	43.507	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	144050	42.907	ng	98
62) 4-Nitroaniline	15.79	138	67328	44.272	ng	89
63) Azobenzene	16.03	77	272575	44.730	ng	96
65) 4,6-Dinitro-2-methylphenol	15.84	198	55870	43.580	ng	94
66) n-Nitrosodiphenylamine	15.96	169	246284	44.761	ng	97
67) 4-Bromophenyl-phenylether	16.64	248	93245	44.129	ng	97
68) Hexachlorobenzene	16.75	284	95738	43.927	ng	97
69) Atrazine	16.90	200	98866	48.154	ng	97
70) Pentachlorophenol	17.10	266	118994	79.712	ng	97
71) Phenanthrene	17.50	178	466682	47.626	ng	98
72) Anthracene	17.59	178	472101	49.751	ng	99
73) Carbazole	17.86	167	424969	45.123	ng	99
74) Di-n-butylphthalate	18.40	149	726211	66.003	ng	99
75) Fluoranthene	19.51	202	555732	48.542	ng	98
77) Benzidine	19.69	184	103212	16.612	ng	98
78) Pyrene	19.87	202	562089	43.631	ng	97
80) Butylbenzylphthalate	20.74	149	229131	44.221	ng	99
81) Benzo(a)anthracene	21.72	228	522907	46.208	ng	100
82) 3,3'-Dichlorobenzidine	21.63	252	84697	19.240	ng	98
83) Chrysene	21.79	228	485126	45.301	ng	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	320736	43.672	ng	98
85) Di-n-octyl phthalate	22.82	149	547764	43.498	ng	97
86) Indeno(1,2,3-cd)pyrene	28.84	276	585308	48.092	ng	98
88) Benzo(b)fluoranthene	23.99	252	518859	47.359	ng	98
89) Benzo(k)fluoranthene	24.06	252	492386	45.125	ng	98
90) Benzo(a)pyrene	24.89	252	496894	46.758	ng	97
91) Dibenzo(a,h)anthracene	28.91	278	479040	47.528	ng	99
92) Benzo(g,h,i)perylene	30.04	276	481135	48.114	ng	96

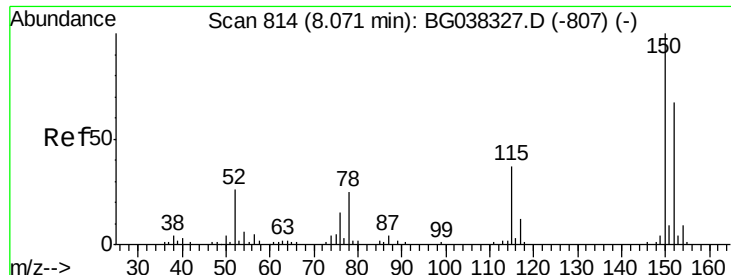
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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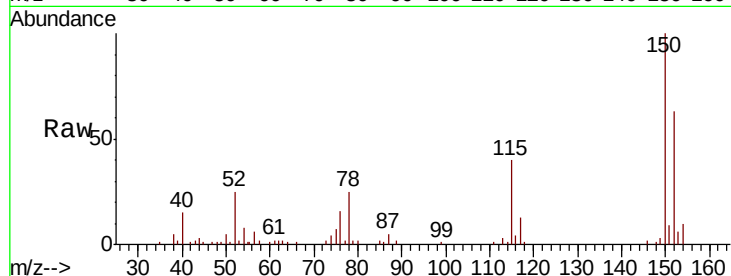


#1

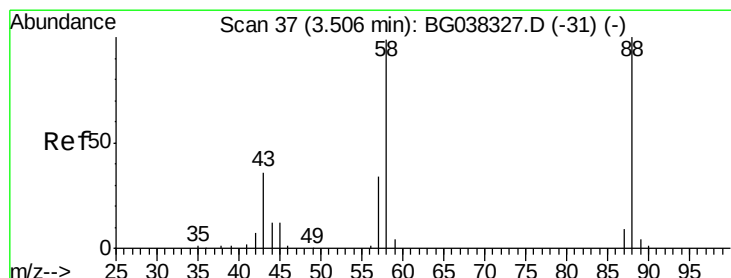
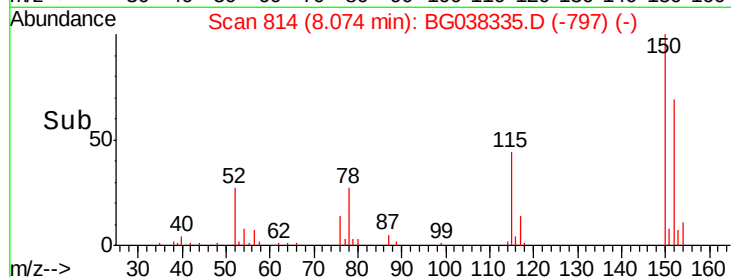
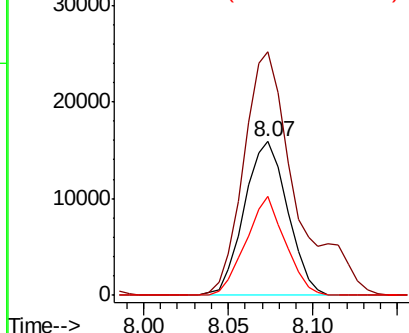
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tgt Ion:152 Resp: 28364
Ion Ratio Lower Upper
152 100
150 158.3 126.0 189.0
115 64.1 45.5 68.3



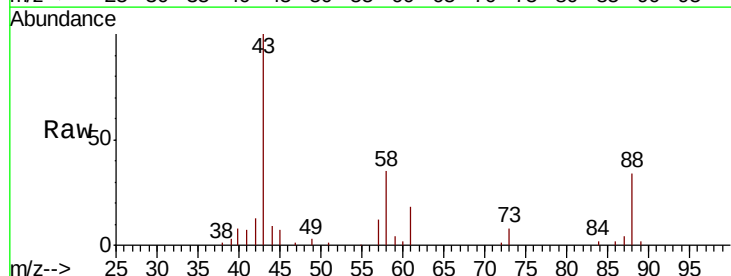
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



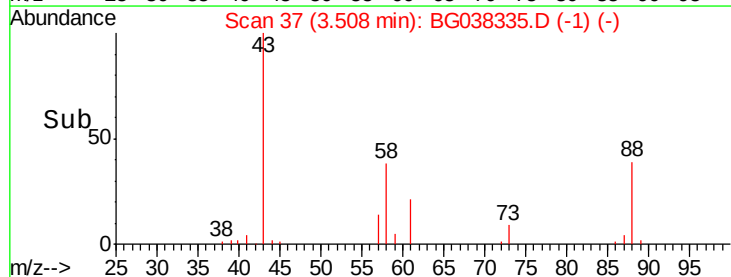
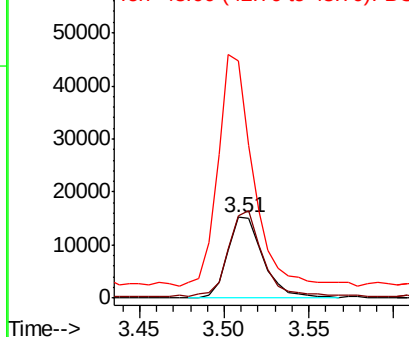
#2

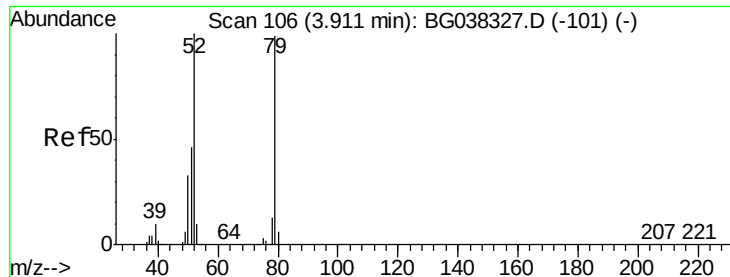
1,4-Dioxane
Concen: 30.490 ng
RT: 3.51 min Scan# 37
Delta R.T. 0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Tgt Ion: 88 Resp: 22398
Ion Ratio Lower Upper
88 100
58 104.3 74.4 111.6
43 280.5 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

Pyridine

Concen: 40.578 ng

RT: 3.92 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMS

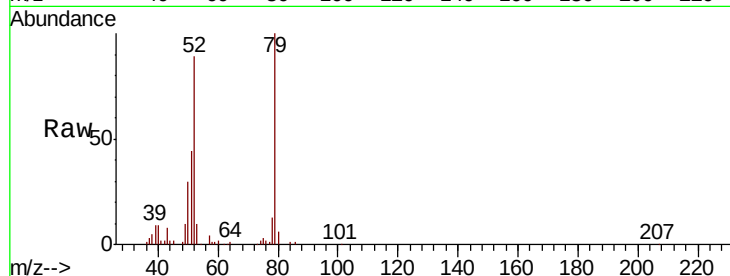
Tgt Ion: 79 Resp: 89177

Ion Ratio Lower Upper

79 100

52 88.9 74.2 111.2

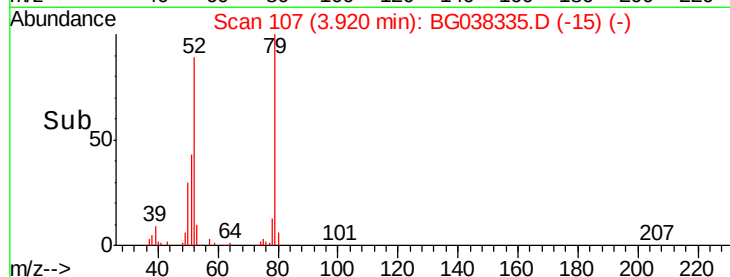
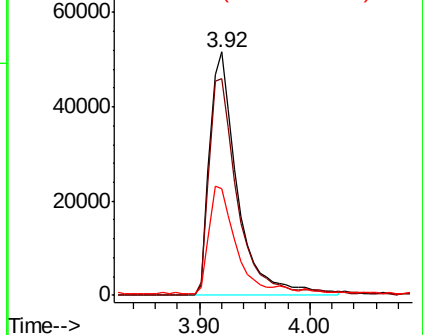
51 43.9 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 50.589 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

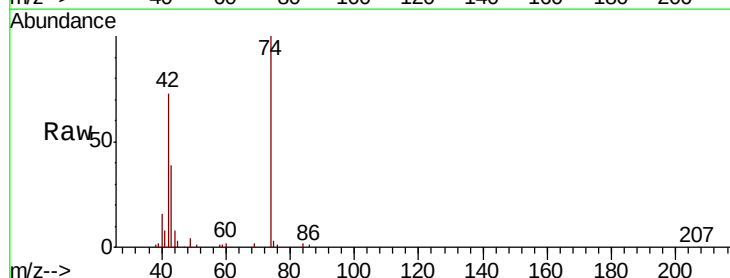
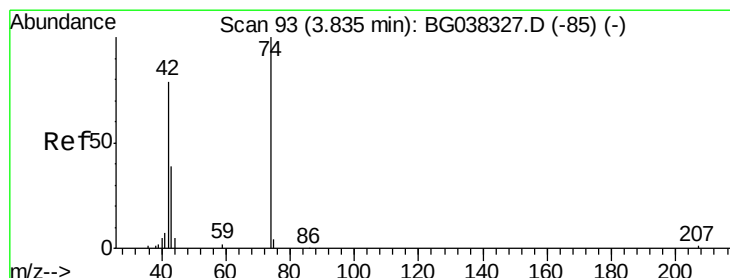
Tgt Ion: 42 Resp: 48700

Ion Ratio Lower Upper

42 100

74 136.6 102.0 153.0

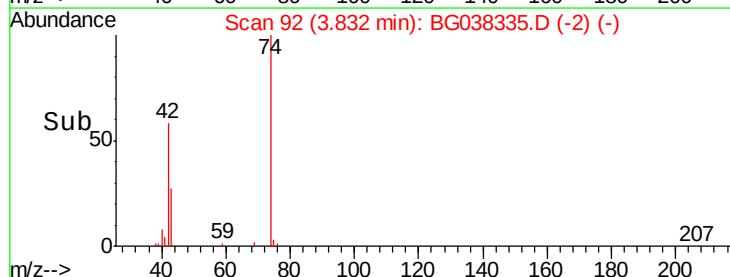
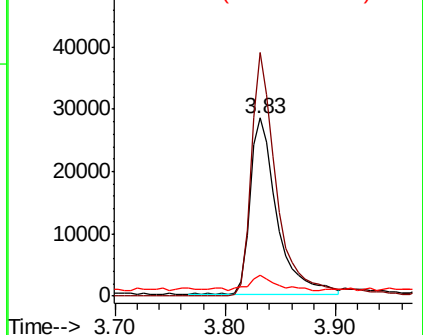
44 11.5 9.6 14.4

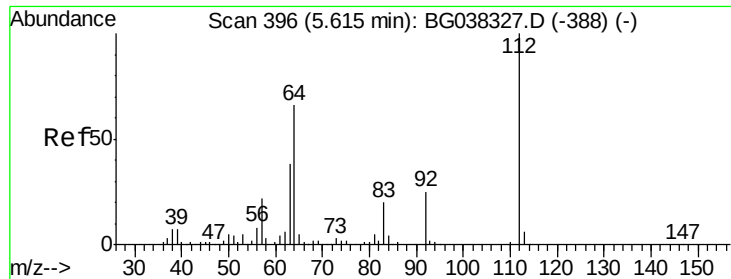


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 110.965 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

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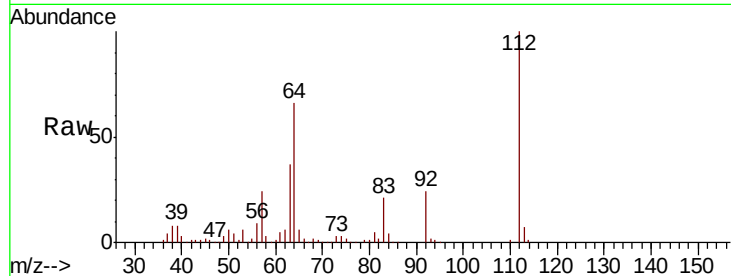
Tgt Ion: 112 Resp: 177856

Ion Ratio Lower Upper

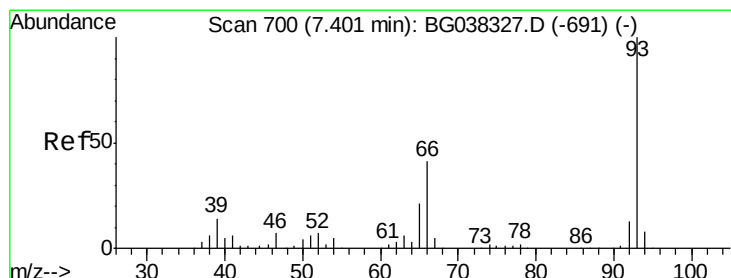
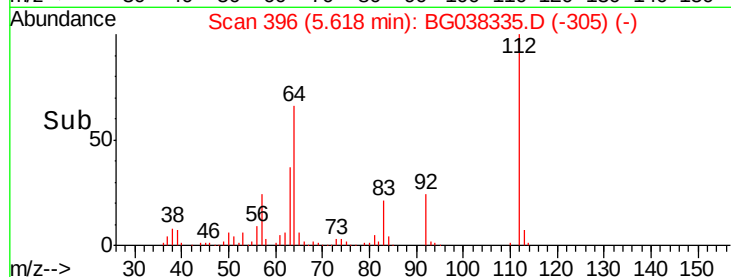
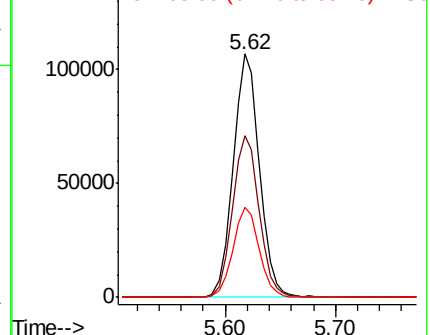
112 100

64 66.4 53.1 79.7

63 36.7 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.327 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

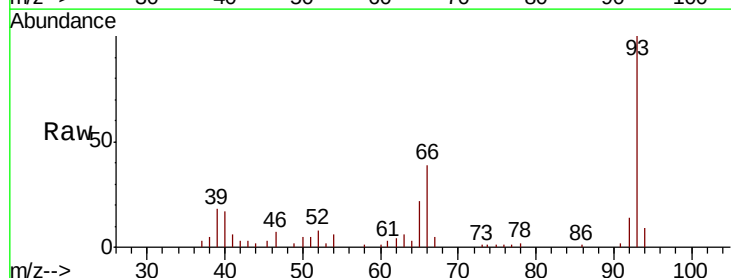
Tgt Ion: 93 Resp: 48309

Ion Ratio Lower Upper

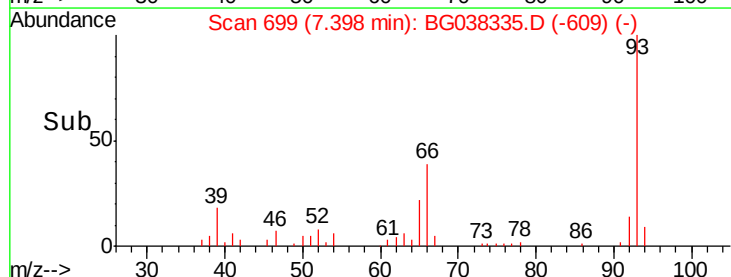
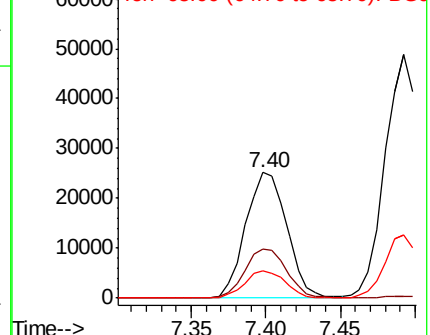
93 100

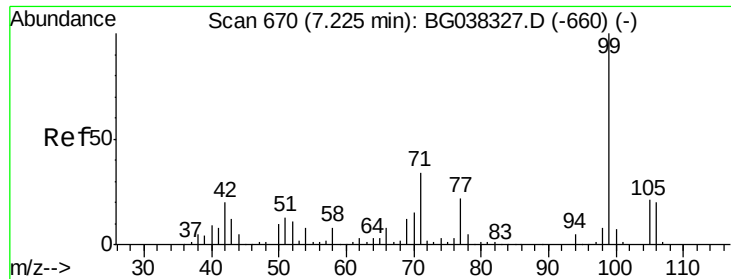
66 39.4 32.8 49.2

65 21.9 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: 99.713 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

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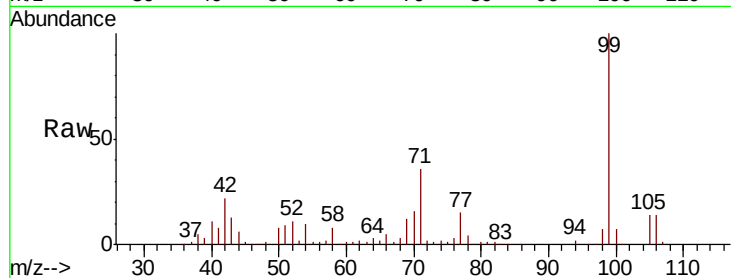
Tgt Ion: 99 Resp: 230995

Ion Ratio Lower Upper

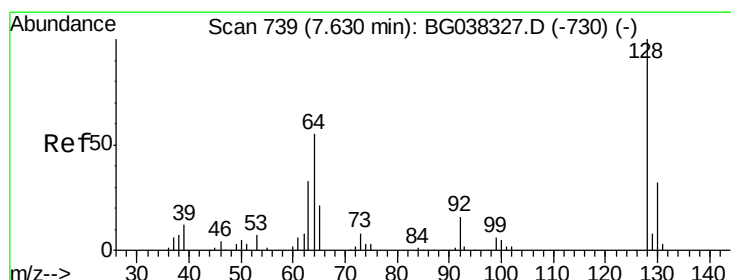
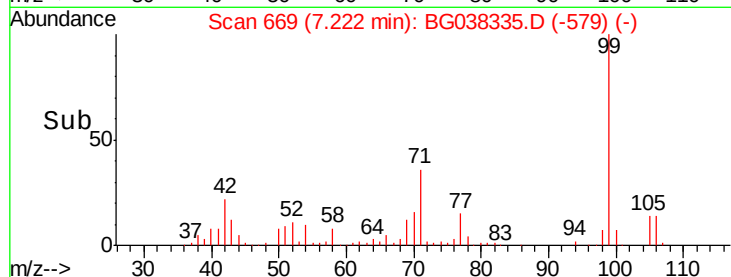
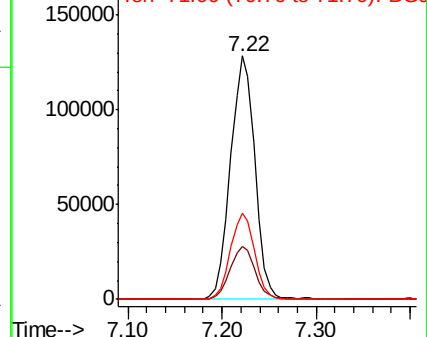
99 100

42 21.9 15.0 22.4

71 35.5 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: 43.834 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

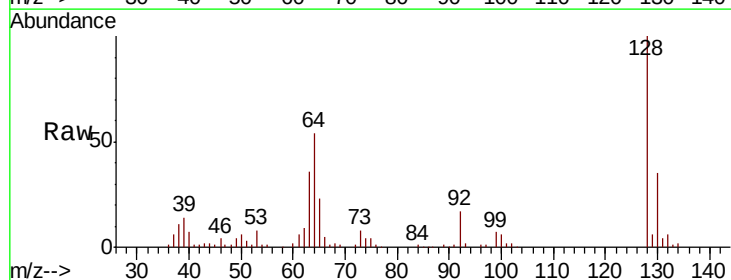
Tgt Ion: 128 Resp: 81596

Ion Ratio Lower Upper

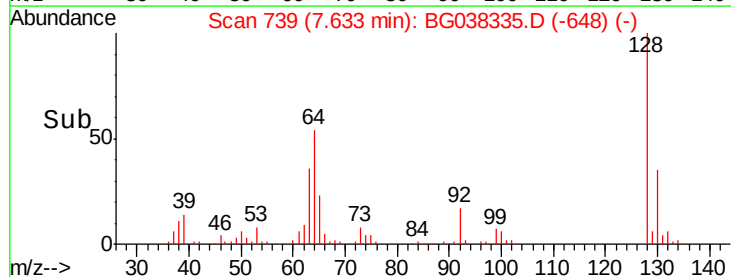
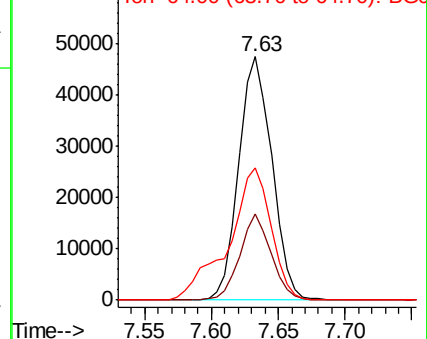
128 100

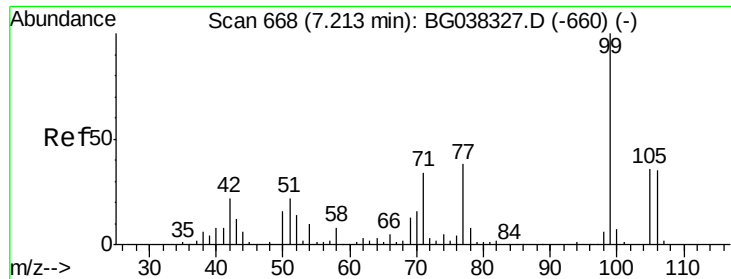
130 35.2 12.0 52.0

64 54.1 32.9 72.9



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





#9

Benzaldehyde

Concen: 31.068 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

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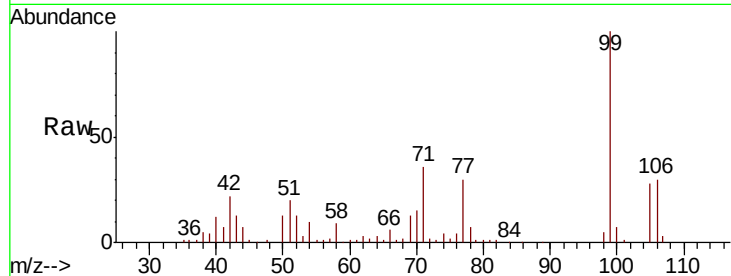
Tgt Ion: 77 Resp: 45574

Ion Ratio Lower Upper

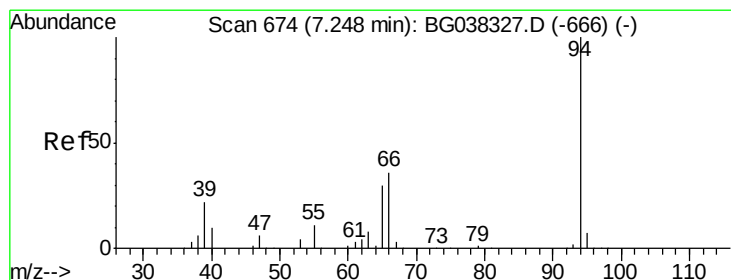
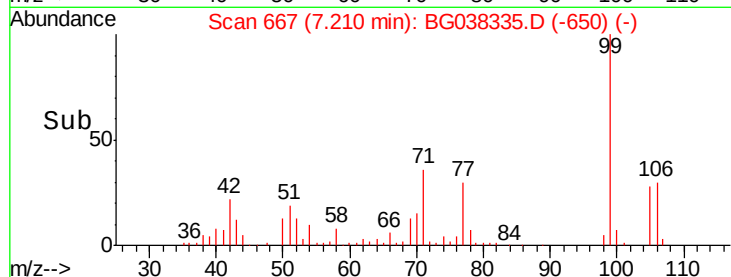
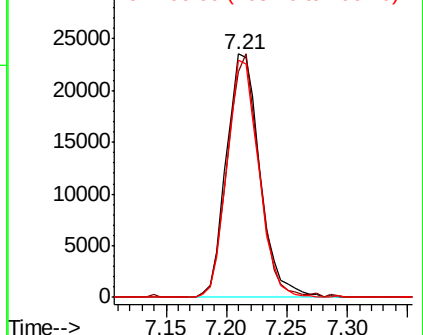
77 100

105 92.8 72.6 112.6

106 97.7 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: 36.220 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

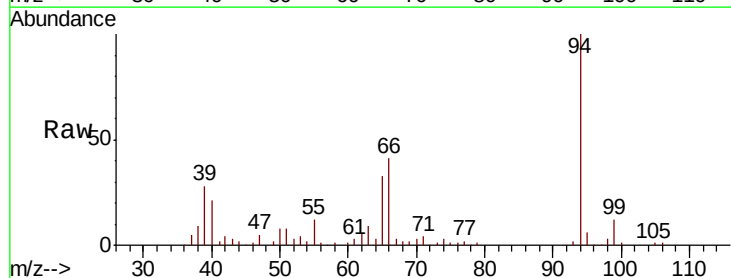
Tgt Ion: 94 Resp: 88653

Ion Ratio Lower Upper

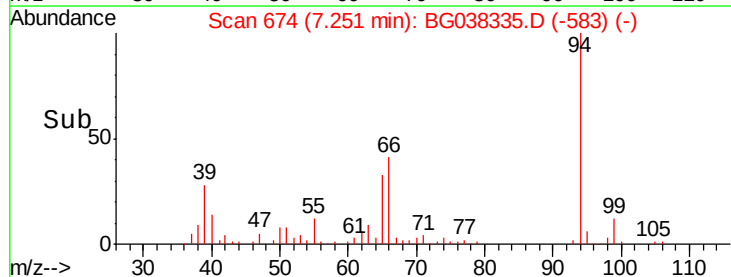
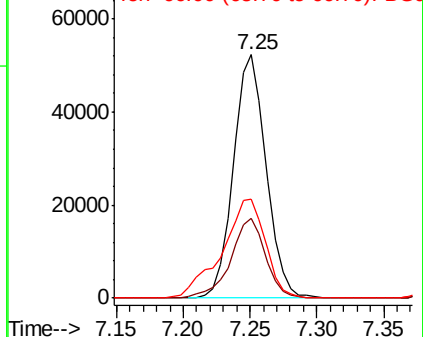
94 100

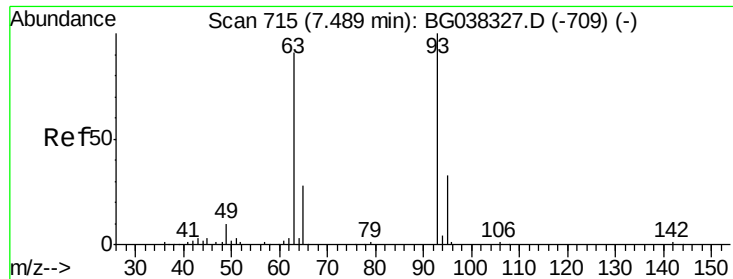
65 32.8 9.7 49.7

66 40.7 15.9 55.9



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

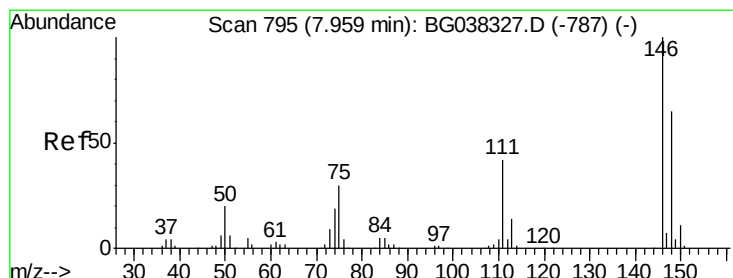
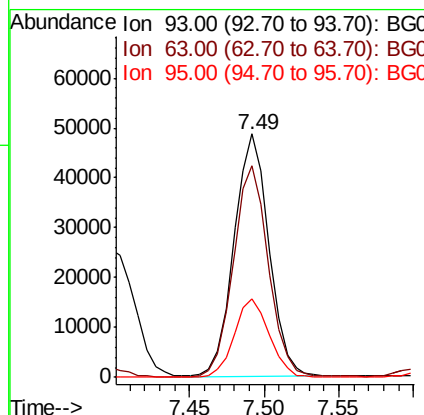
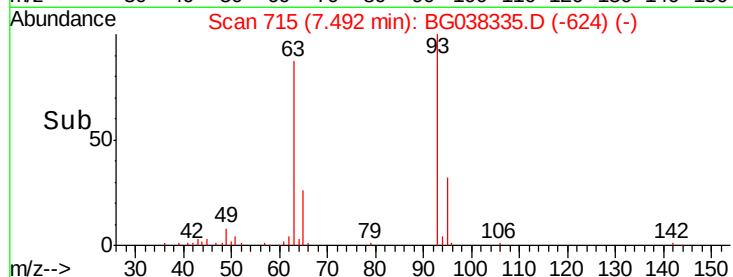
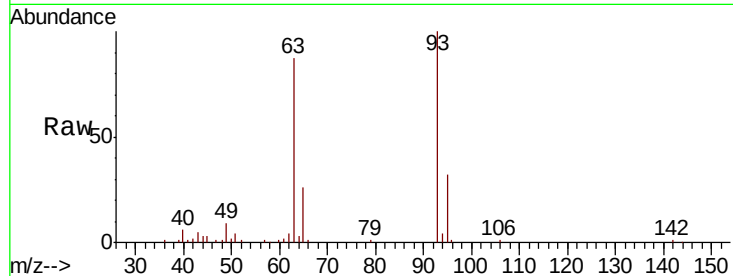




#11
 bis(2-Chloroethyl)ether
 Concen: 39.387 ng
 RT: 7.49 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

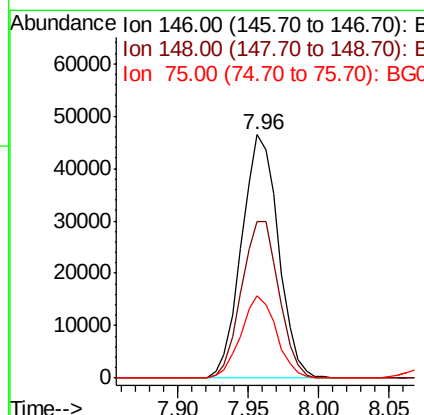
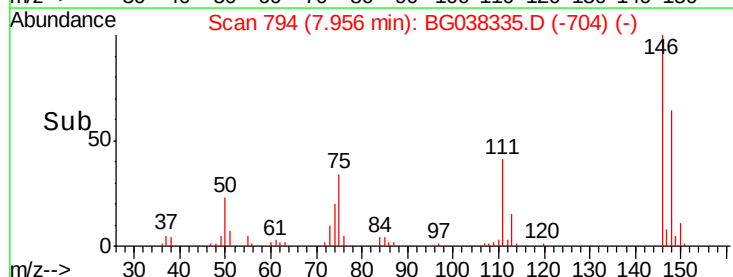
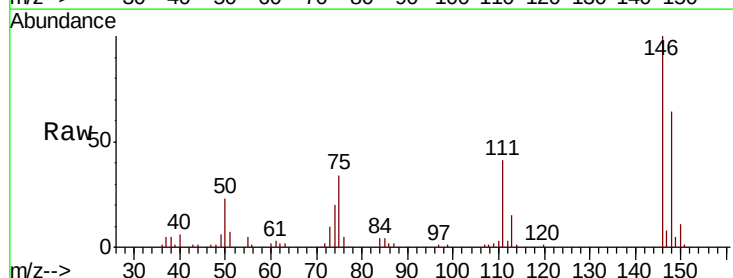
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

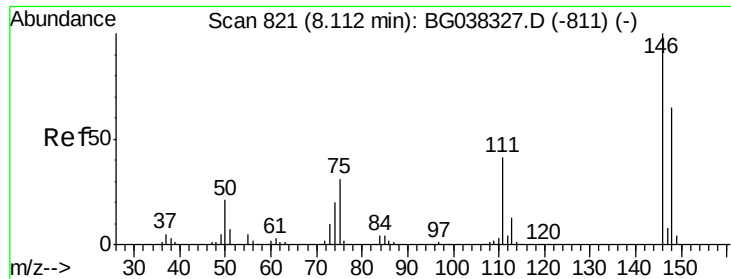
Tgt Ion: 93 Resp: 78954
 Ion Ratio Lower Upper
 93 100
 63 87.1 69.5 109.5
 95 32.3 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 38.895 ng
 RT: 7.96 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

Tgt Ion: 146 Resp: 84621
 Ion Ratio Lower Upper
 146 100
 148 64.1 49.8 74.8
 75 33.9 23.2 34.8

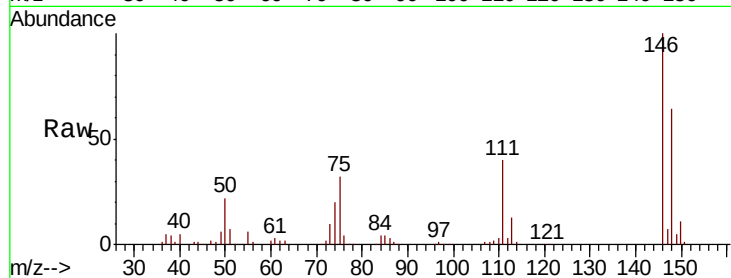




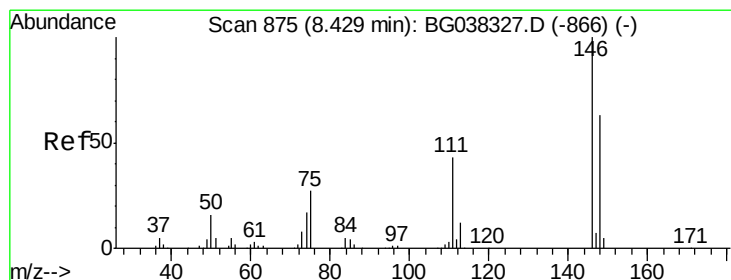
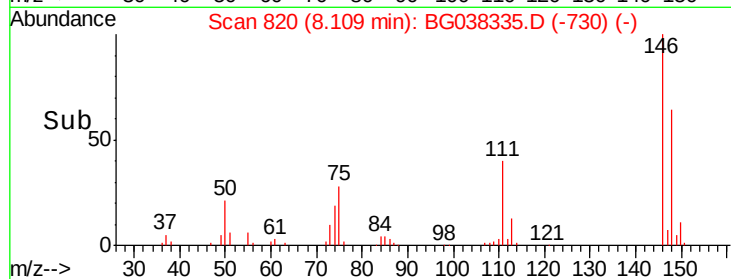
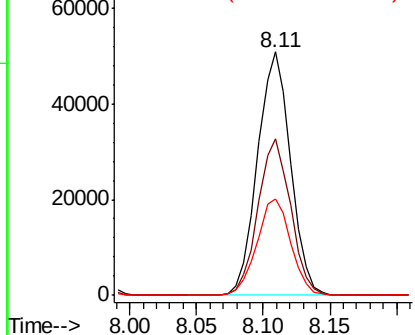
#13
 1,4-Dichlorobenzene
 Concen: 38.556 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Tgt Ion:146 Resp: 86791
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.0 76.6
 111 39.7 32.4 48.6

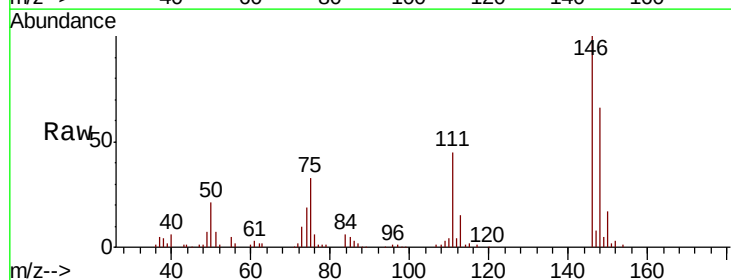


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

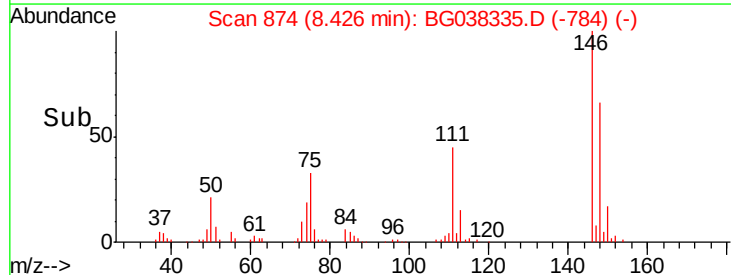
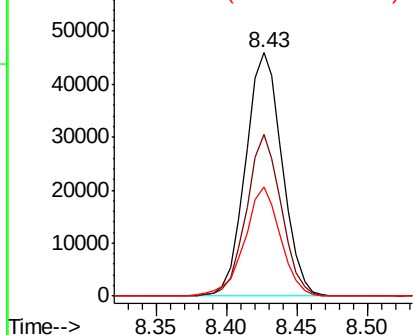


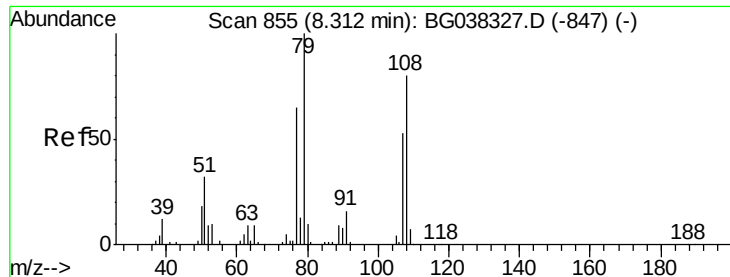
#14
 1,2-Dichlorobenzene
 Concen: 40.128 ng
 RT: 8.43 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

Tgt Ion:146 Resp: 83126
 Ion Ratio Lower Upper
 146 100
 148 66.2 50.4 75.6
 111 44.7 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: 40.754 ng

RT: 8.31 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMS

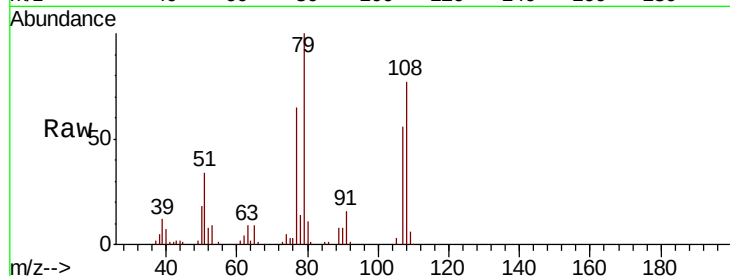
Tgt Ion: 79 Resp: 77618

Ion Ratio Lower Upper

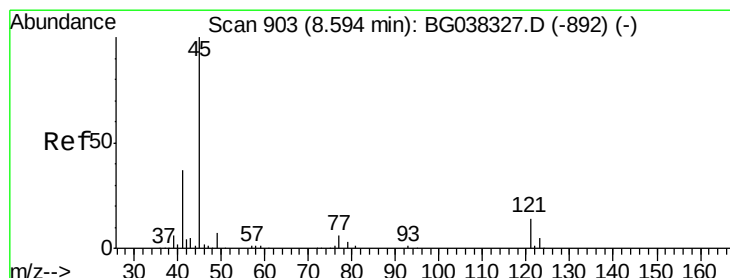
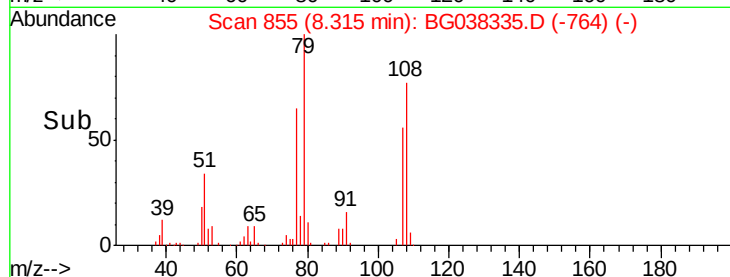
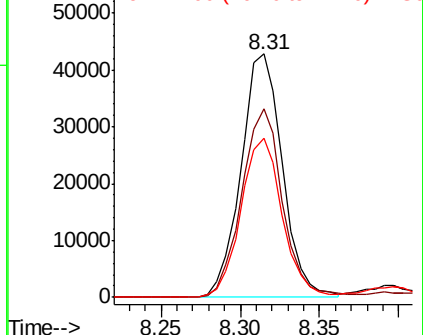
79 100

108 77.5 65.8 98.8

77 65.3 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: 38.945 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

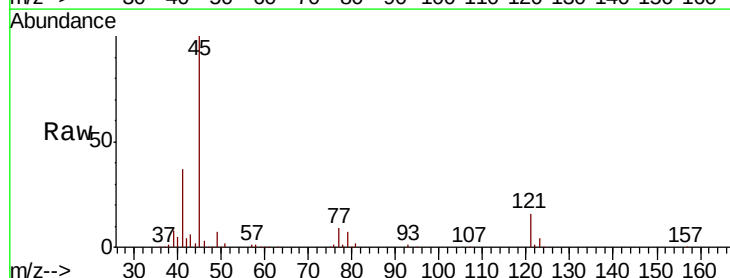
Tgt Ion: 45 Resp: 177571

Ion Ratio Lower Upper

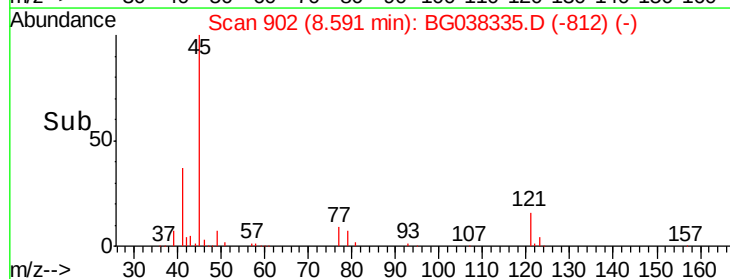
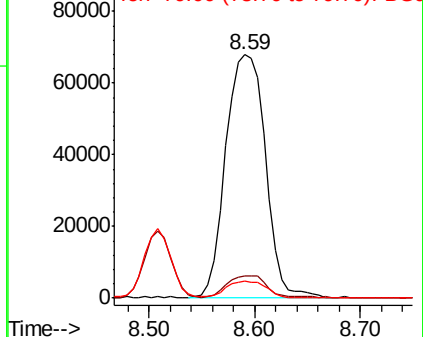
45 100

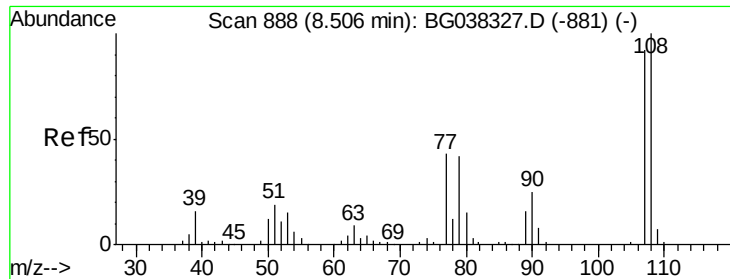
77 9.1 0.0 30.0

79 7.1 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

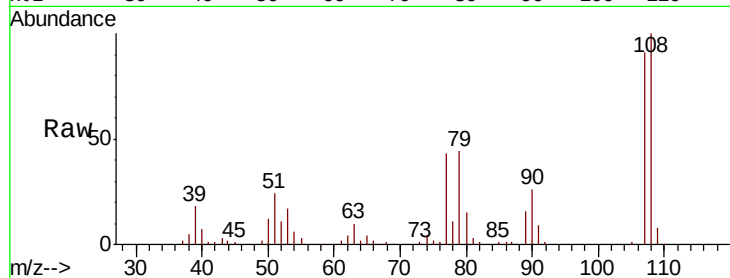




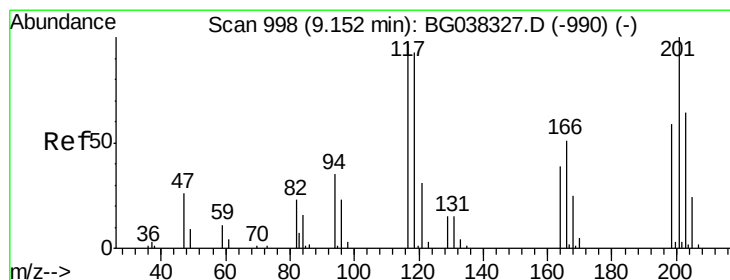
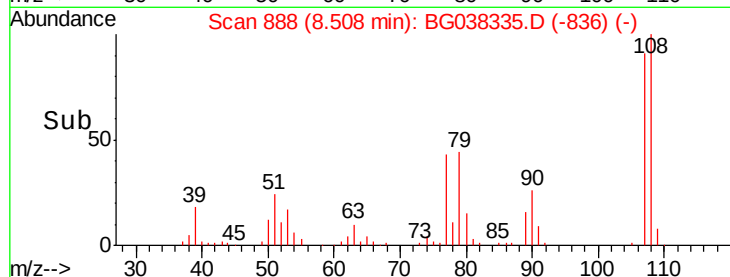
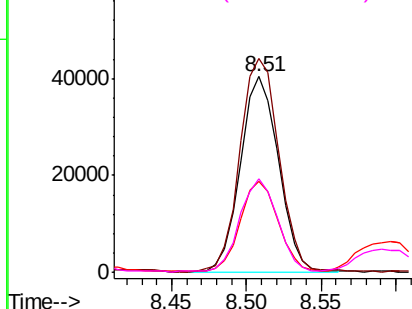
#17
2-Methylphenol
Concen: 42.068 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tgt Ion:107 Resp: 71574
Ion Ratio Lower Upper
107 100
108 109.4 87.9 131.9
77 46.7 35.1 52.7
79 48.0 34.5 51.7

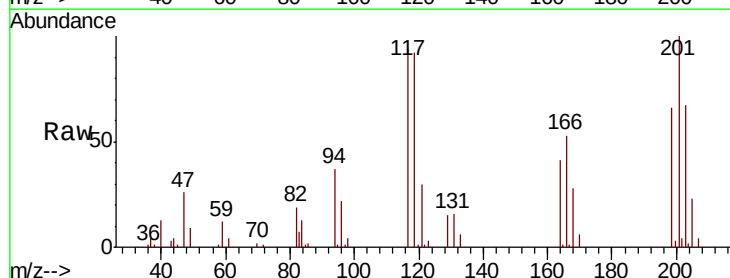


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

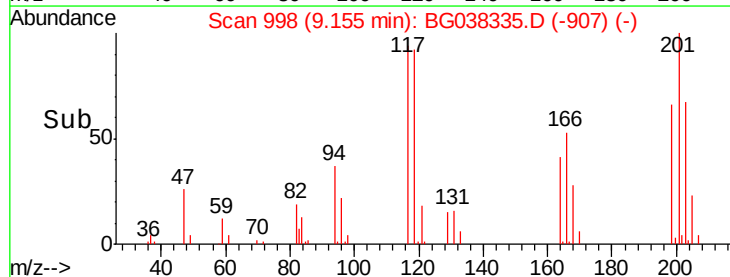
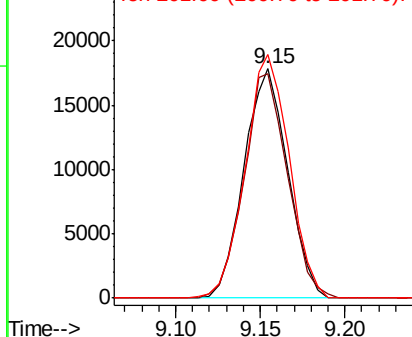


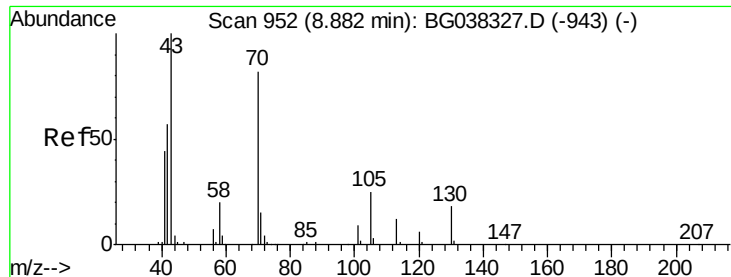
#18
Hexachloroethane
Concen: 39.479 ng
RT: 9.15 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Tgt Ion:117 Resp: 32075
Ion Ratio Lower Upper
117 100
119 98.2 74.6 111.8
201 110.3 80.8 121.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

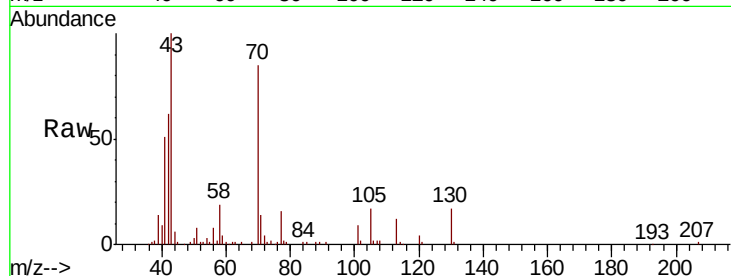




#19
n-Nitroso-di-n-propylamine
Concen: 39.954 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tgt Ion:	70	Resp:	67652
Ion	Ratio	Lower	Upper
70	100		
42	72.8	53.9	80.9
101	10.2	8.2	12.2
130	20.5	18.2	27.4



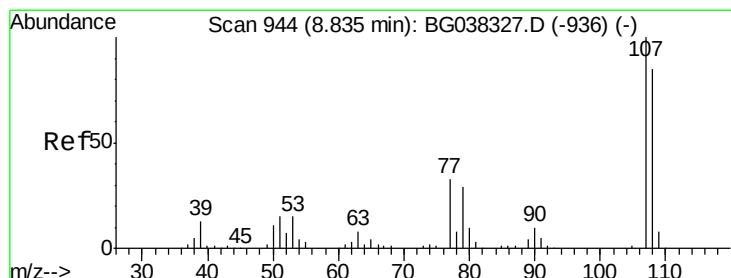
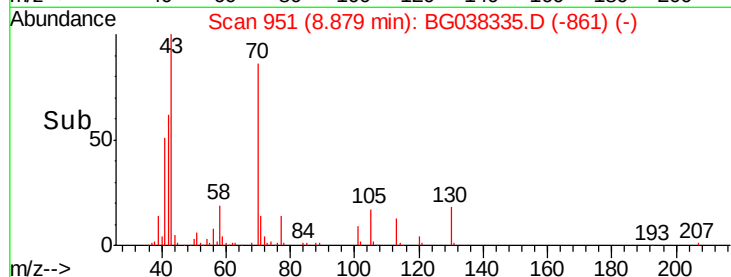
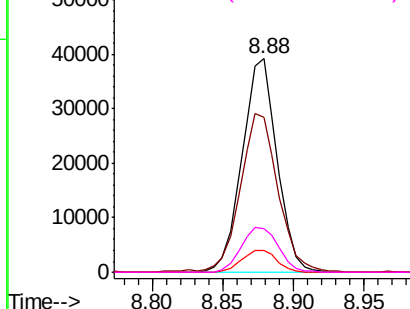
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

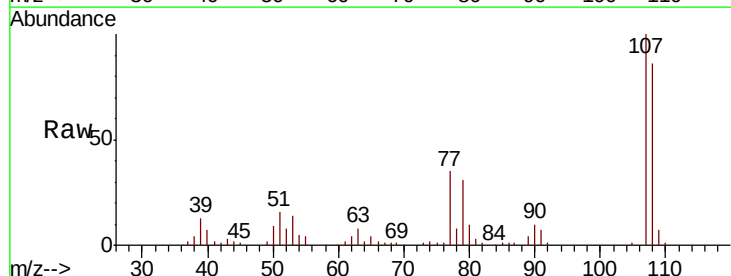
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 39.857 ng
RT: 8.84 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Tgt Ion:	107	Resp:	98282
Ion	Ratio	Lower	Upper
107	100		
108	86.4	69.9	109.9
77	34.8	11.2	51.2
79	31.1	6.6	46.6



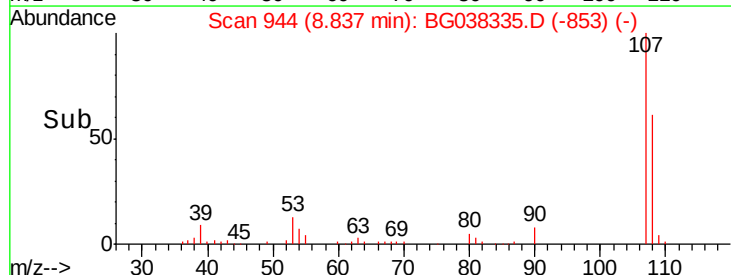
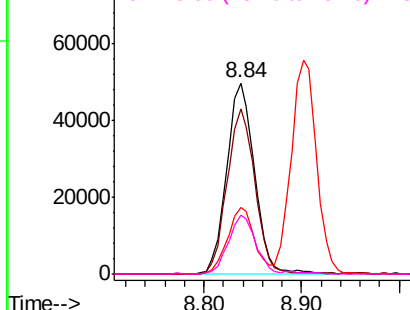
Abundance

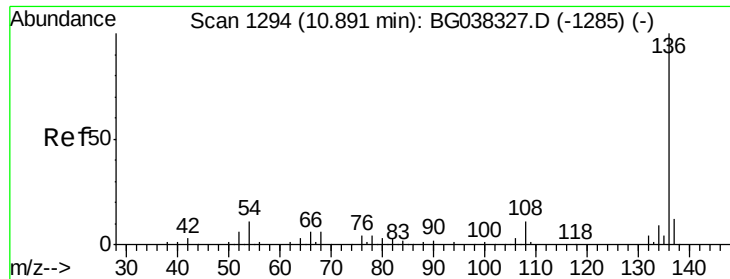
Ion 107.00 (106.70 to 107.70): BGC

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

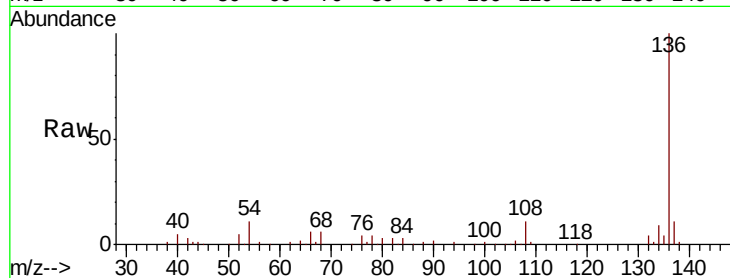




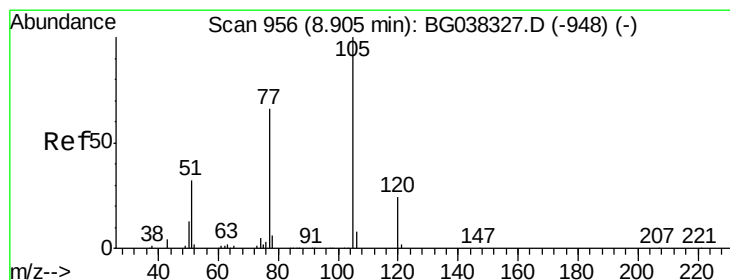
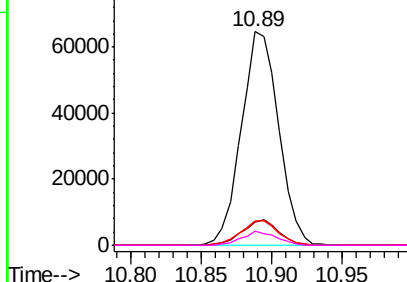
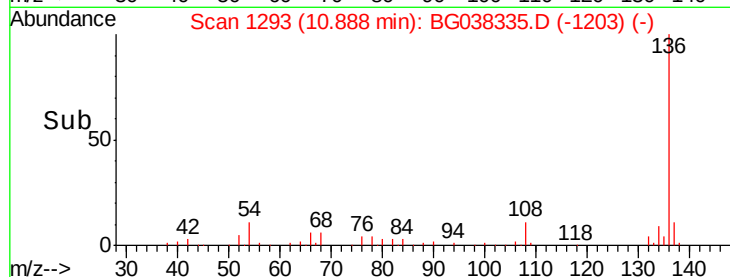
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tgt Ion:	136	Resp:	119703
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	11.2	7.9	11.9
68	6.4	4.8	7.2

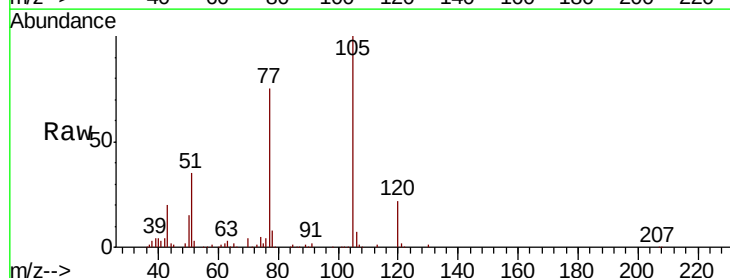


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

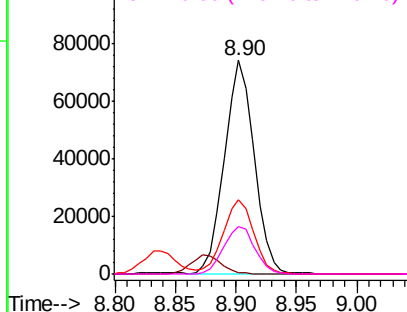
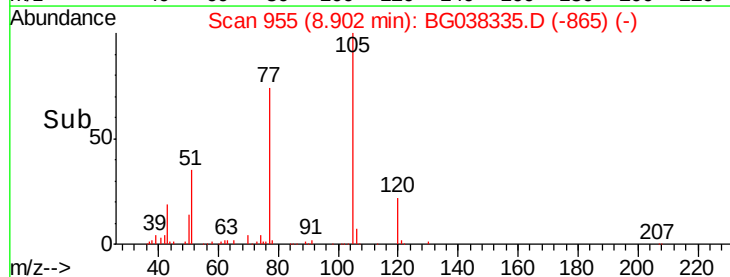


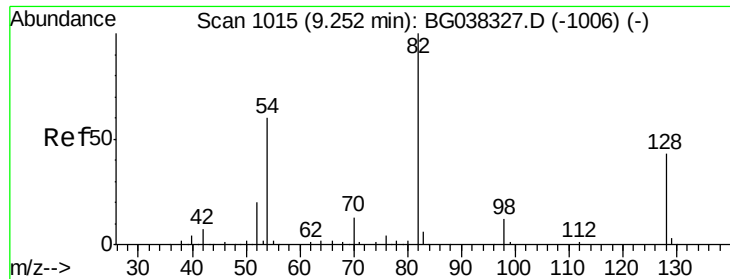
#22
Acetophenone
Concen: 44.246 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Tgt Ion:	105	Resp:	127047
Ion	Ratio	Lower	Upper
105	100		
71	0.5	1.2	1.8#
51	35.1	25.0	37.6
120	22.4	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

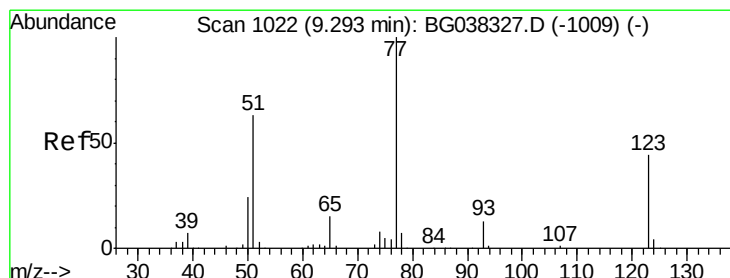
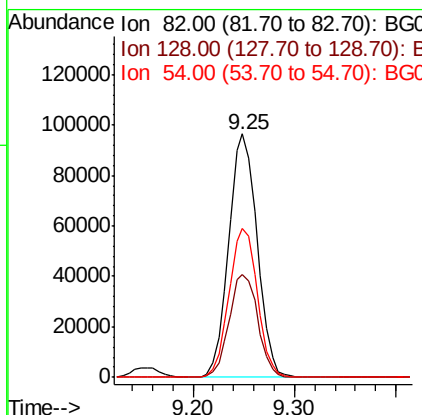
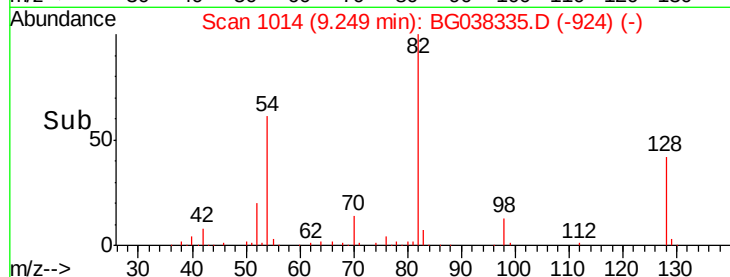
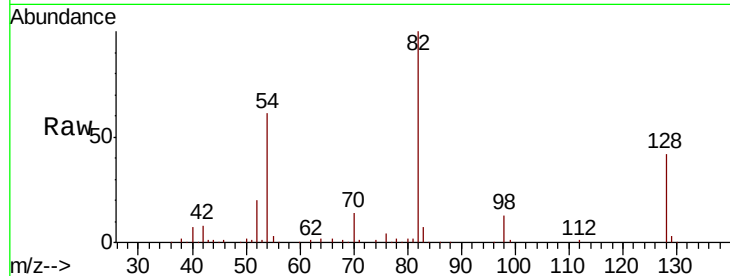




#23
 Nitrobenzene-d5
 Concen: 77.795 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

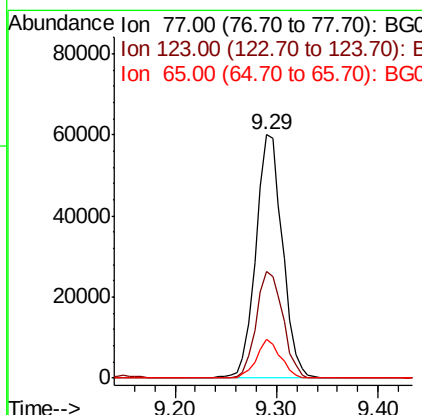
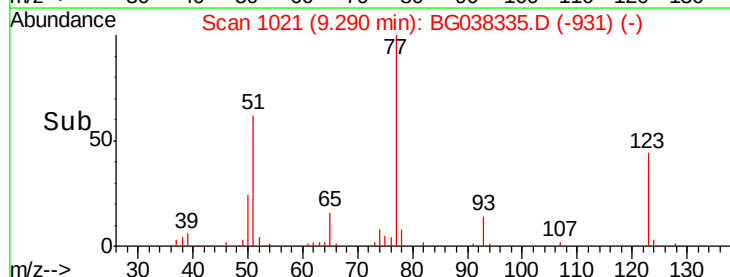
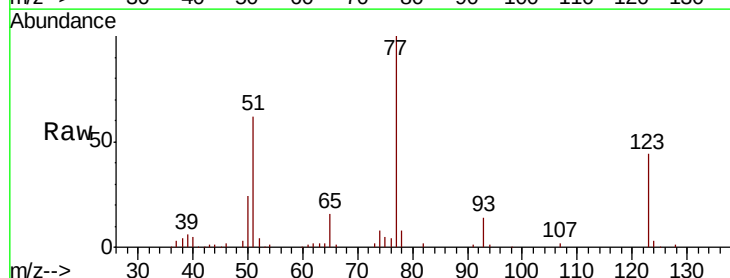
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

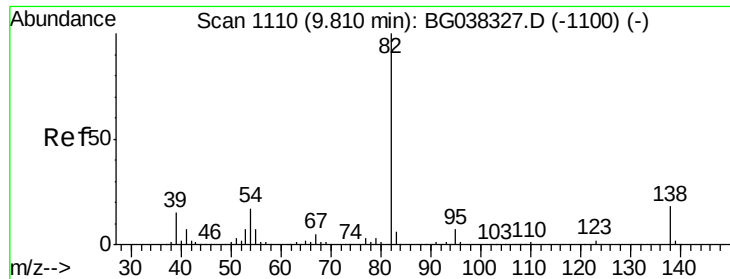
Tgt Ion: 82 Resp: 187568
 Ion Ratio Lower Upper
 82 100
 128 42.4 34.6 51.8
 54 61.3 45.3 67.9



#24
 Nitrobenzene
 Concen: 45.128 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

Tgt Ion: 77 Resp: 110544
 Ion Ratio Lower Upper
 77 100
 123 44.0 33.6 50.4
 65 15.8 11.3 16.9





#25

Isophorone

Concen: 54.272 ng

RT: 9.81 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMS

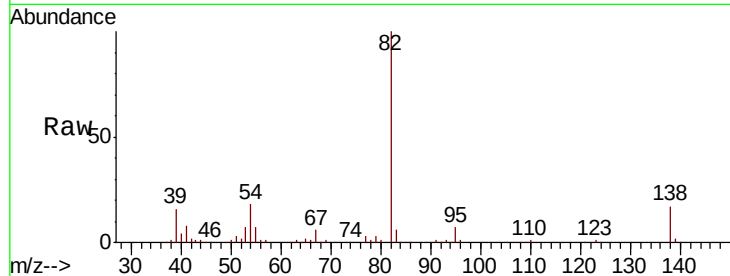
Tgt Ion: 82 Resp: 229955

Ion Ratio Lower Upper

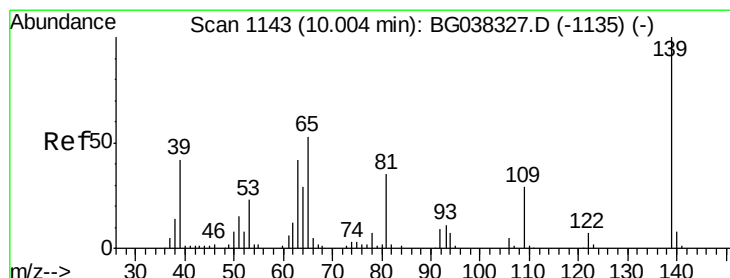
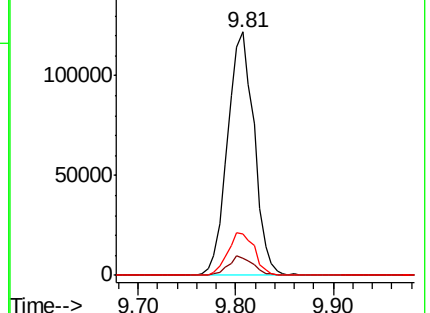
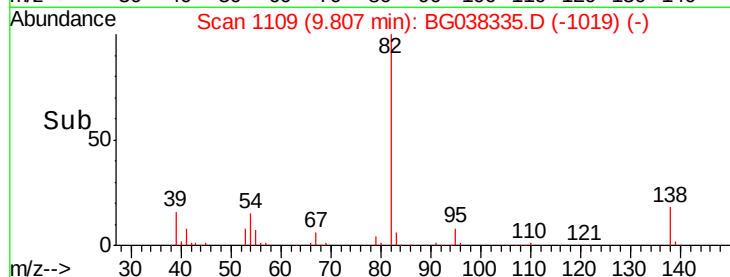
82 100

95 7.2 5.3 7.9

138 17.0 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: 43.549 ng

RT: 10.01 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

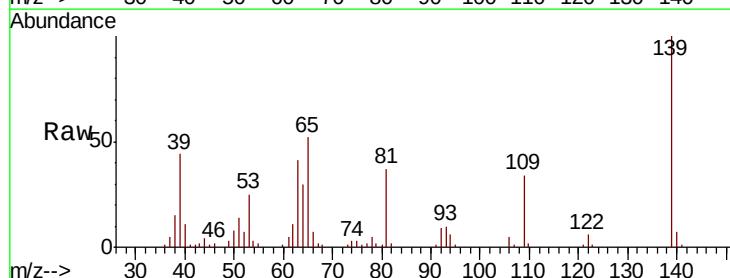
Tgt Ion: 139 Resp: 49428

Ion Ratio Lower Upper

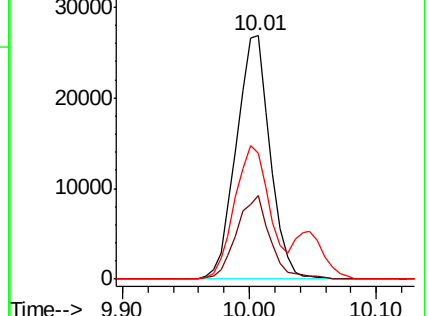
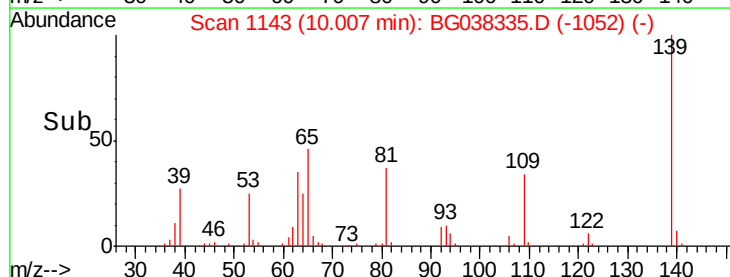
139 100

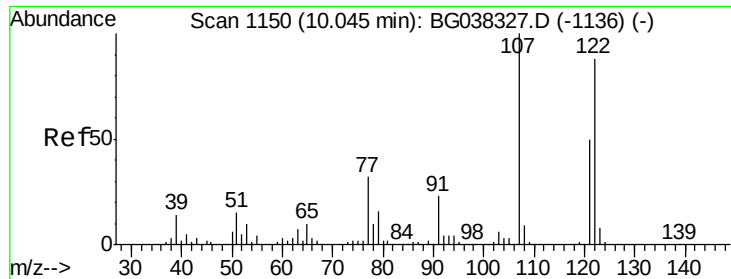
109 34.2 23.3 34.9

65 51.6 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

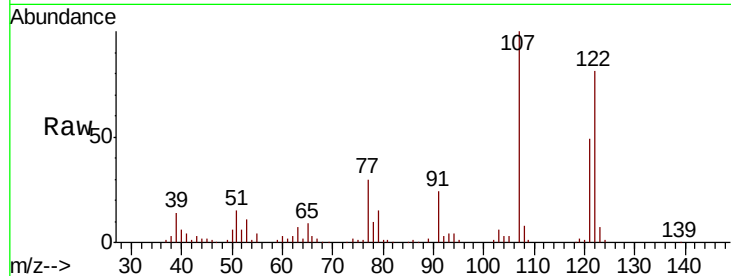




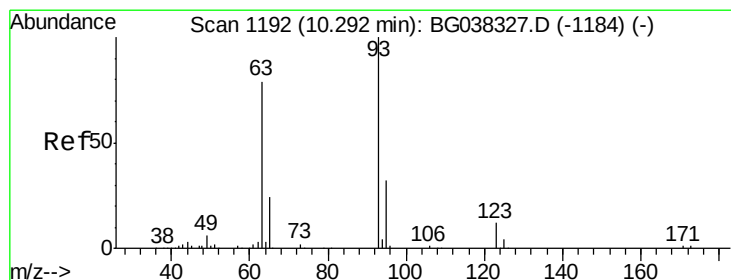
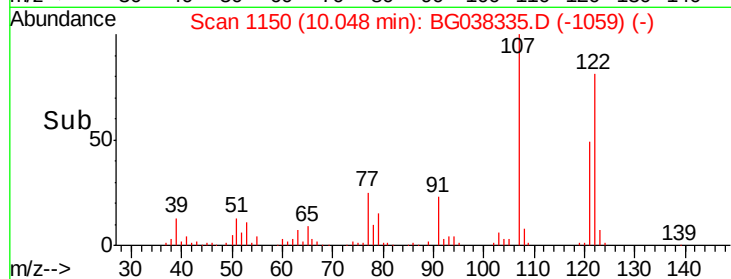
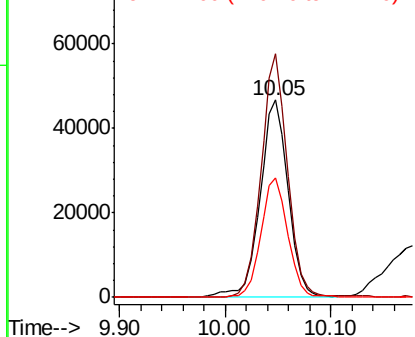
#27
2,4-Dimethylphenol
Concen: 52.959 ng
RT: 10.05 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tgt Ion:122 Resp: 86335
Ion Ratio Lower Upper
122 100
107 123.3 94.2 141.2
121 60.5 47.3 70.9

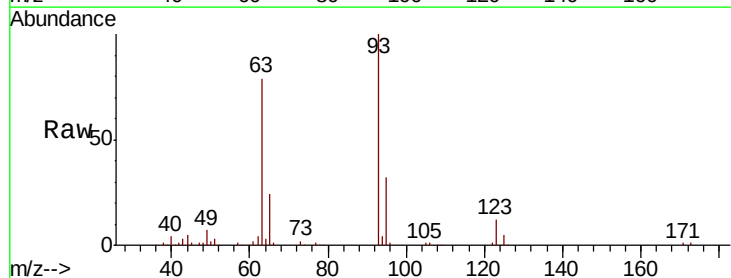


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

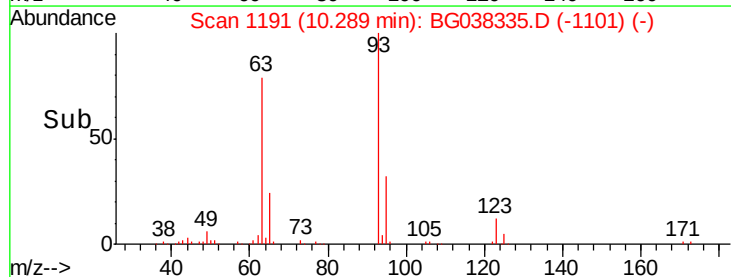
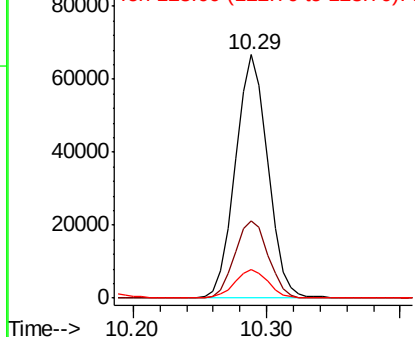


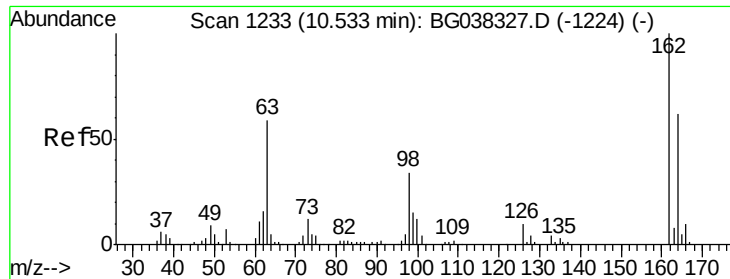
#28
bis(2-Chloroethoxy)methane
Concen: 46.209 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Tgt Ion: 93 Resp: 112241
Ion Ratio Lower Upper
93 100
95 31.8 24.6 37.0
123 11.6 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

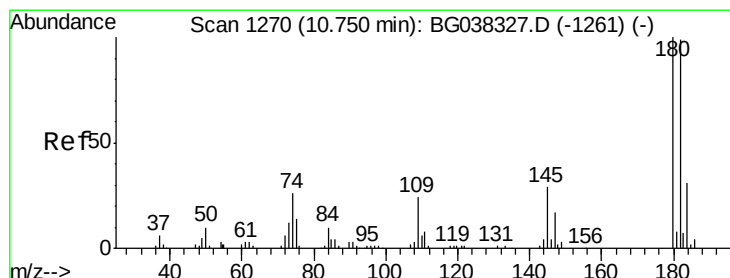
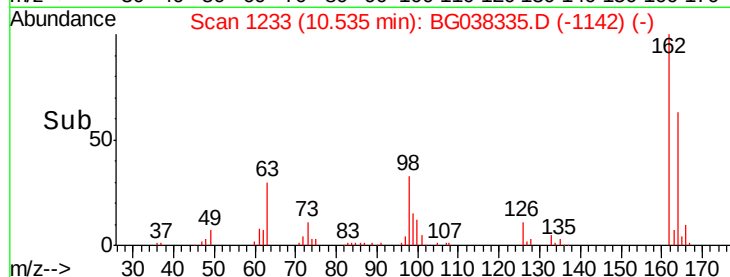
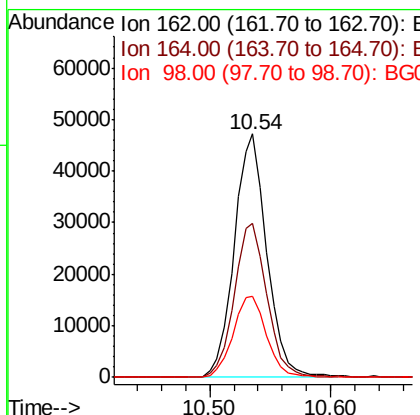
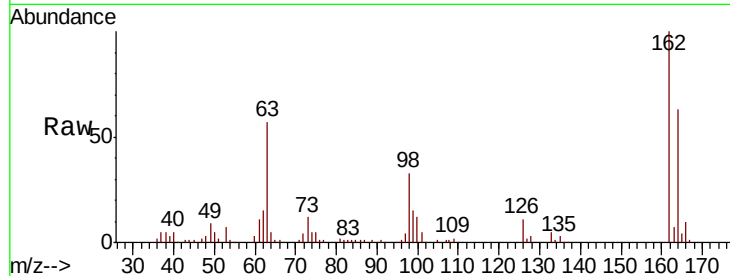




#29
 2,4-Dichlorophenol
 Concen: 47.454 ng
 RT: 10.54 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

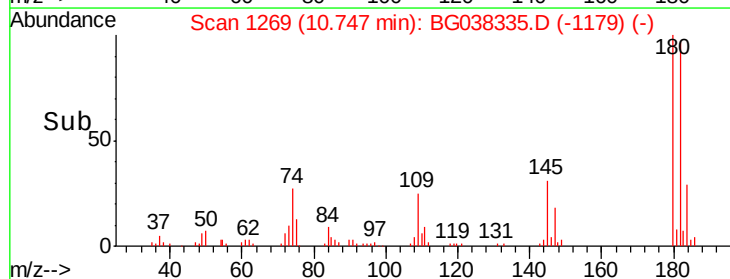
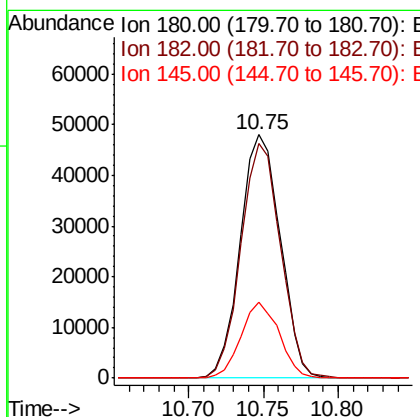
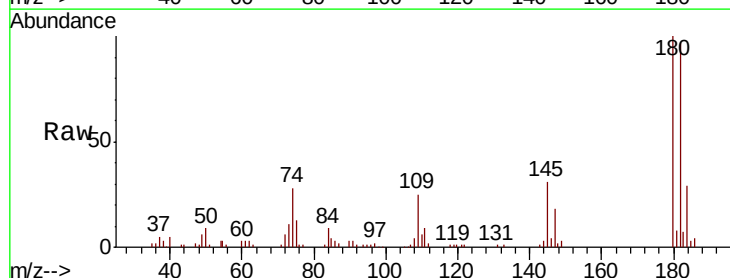
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

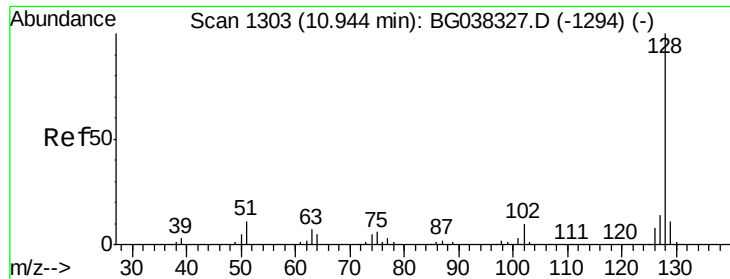
Tgt Ion:162 Resp: 88308
 Ion Ratio Lower Upper
 162 100
 164 63.1 43.2 83.2
 98 33.4 16.0 56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.924 ng
 RT: 10.75 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

Tgt Ion:180 Resp: 89399
 Ion Ratio Lower Upper
 180 100
 182 96.6 77.7 116.5
 145 31.1 23.3 34.9

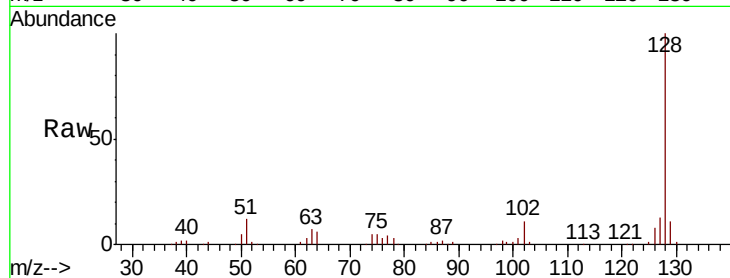




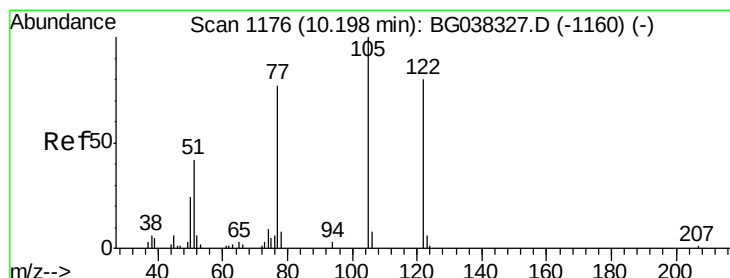
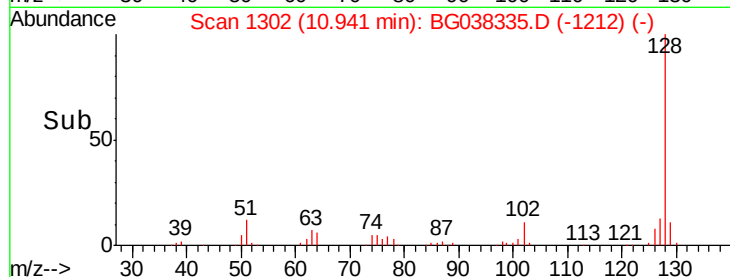
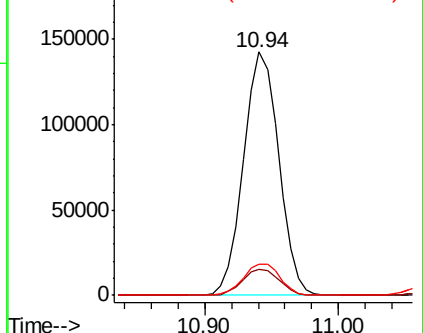
#31
Naphthalene
Concen: 45.578 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tgt Ion:128 Resp: 260609
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.0 11.1 16.7

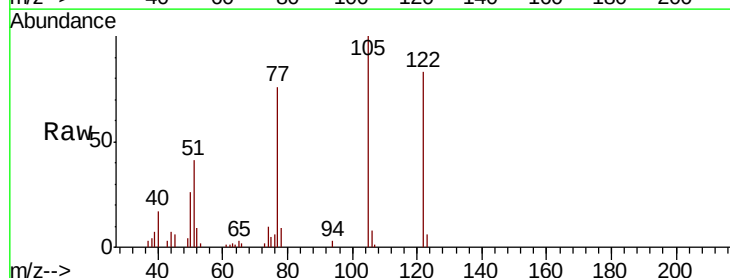


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

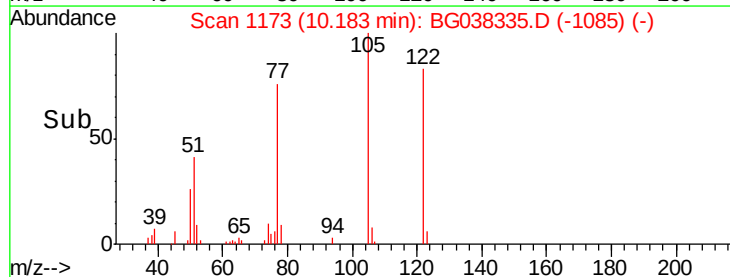
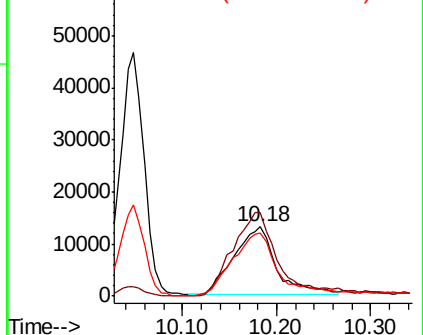


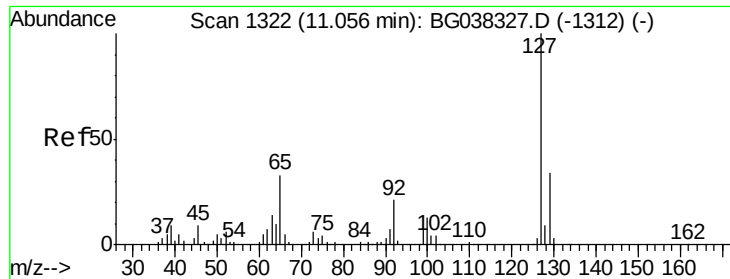
#32
Benzoic acid
Concen: 36.379 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Tgt Ion:122 Resp: 40624
Ion Ratio Lower Upper
122 100
105 121.0 106.7 146.7
77 91.8 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

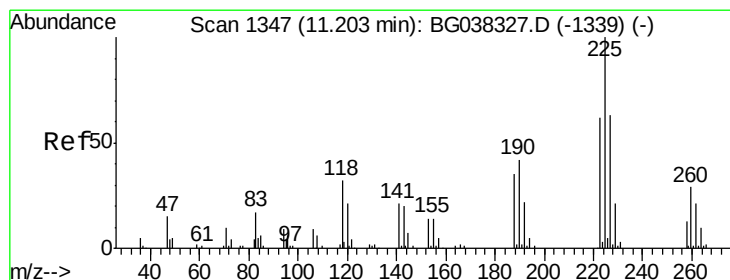
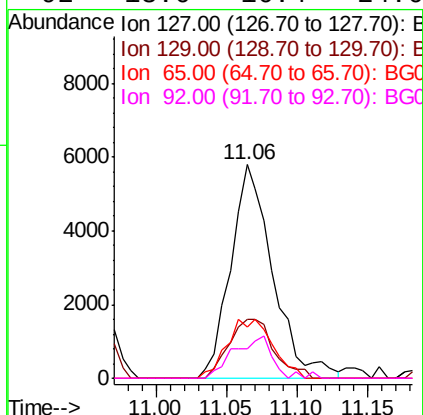
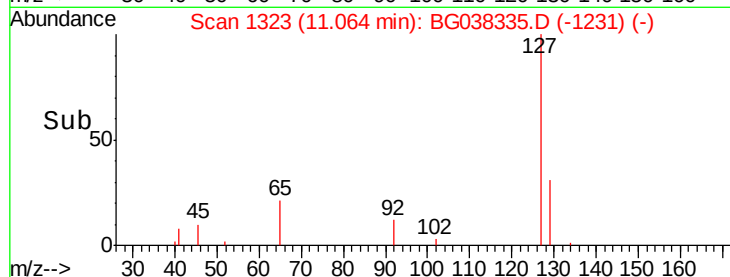
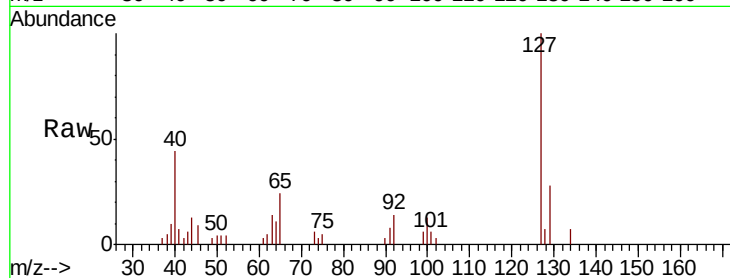




#33
4-Chloroaniline
Concen: 4.779 ng
RT: 11.06 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

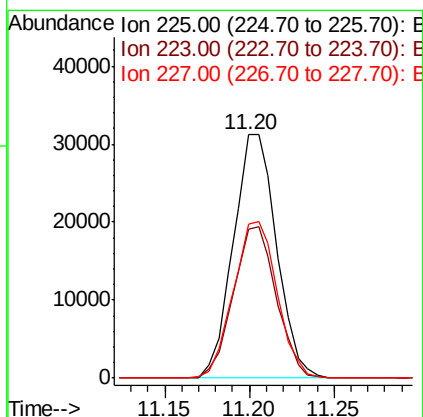
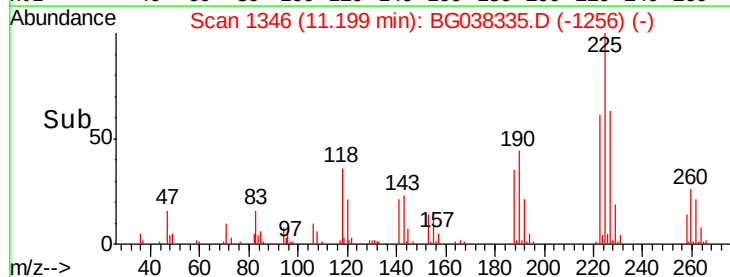
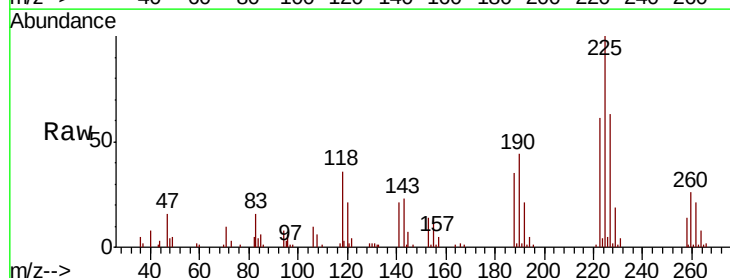
Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

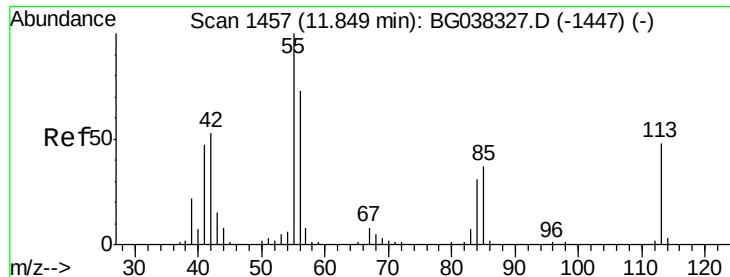
Tgt Ion:	127	Resp:	12097
Ion	Ratio	Lower	Upper
127	100		
129	27.8	27.1	40.7
65	23.9	26.6	39.8#
92	13.6	16.4	24.6#



#34
Hexachlorobutadiene
Concen: 40.629 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Tgt Ion:	225	Resp:	55525
Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.2	72.4
227	62.8	51.6	77.4

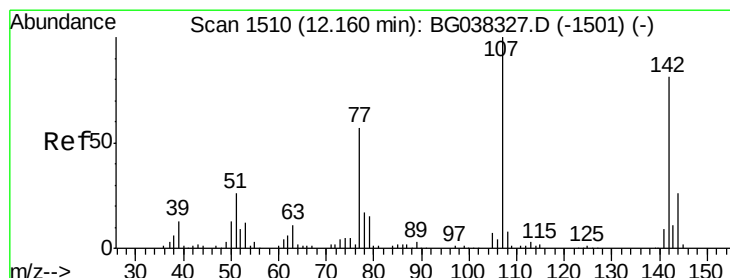
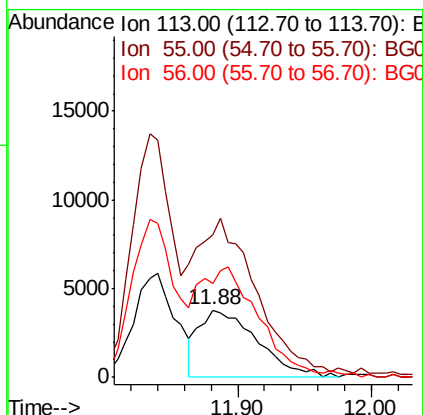
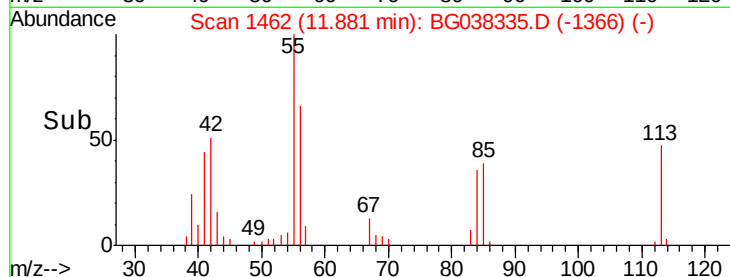
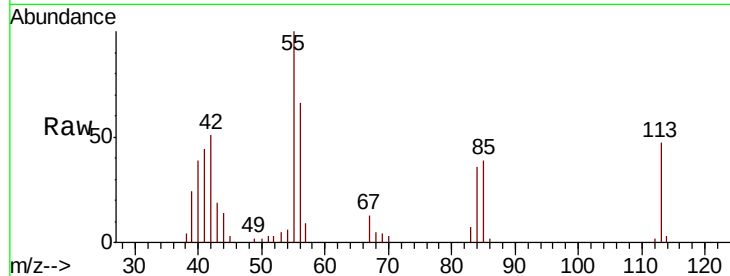




#35
 Caprolactam
 Concen: 14.954 ng
 RT: 11.88 min Scan# 1462
 Delta R.T. 0.03 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

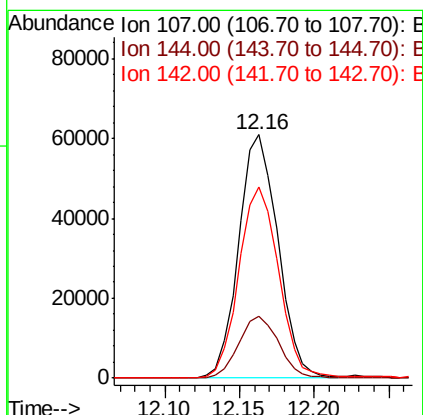
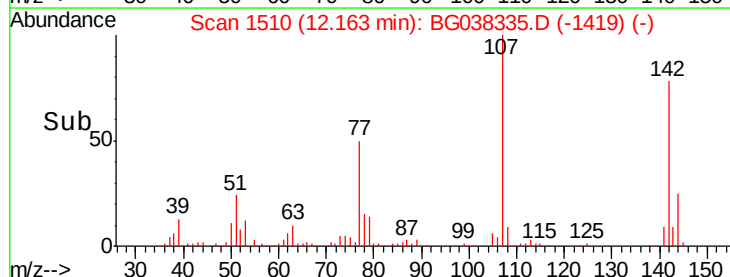
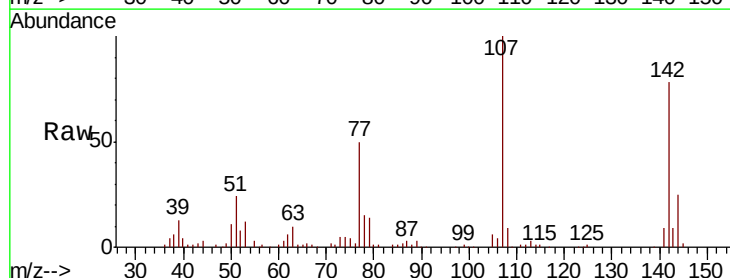
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

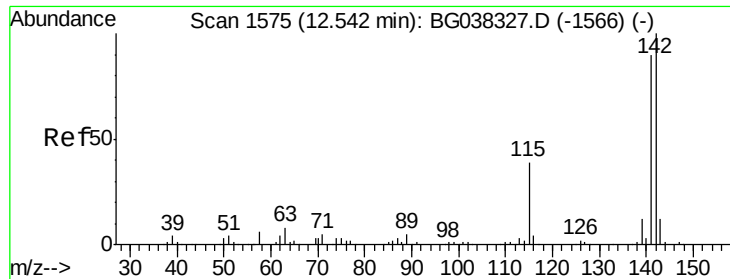
Tgt Ion:113 Resp: 11508
 Ion Ratio Lower Upper
 113 100
 55 211.6 176.6 216.6
 56 139.4 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 53.730 ng
 RT: 12.16 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

Tgt Ion:107 Resp: 111093
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.7 31.1
 142 78.3 64.4 96.6

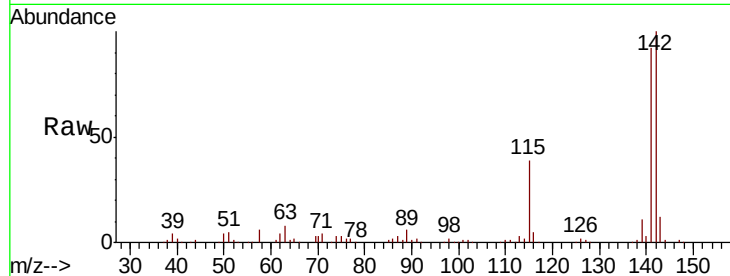




#37
 2-Methylnaphthalene
 Concen: 49.168 ng
 RT: 12.54 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.9	107.9
115	38.8	27.8	41.8

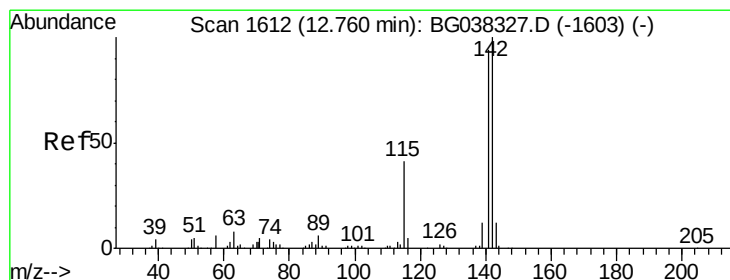
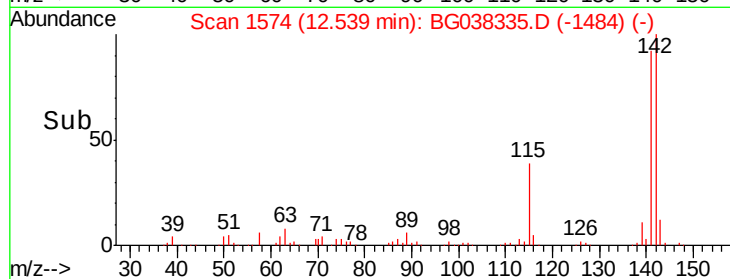
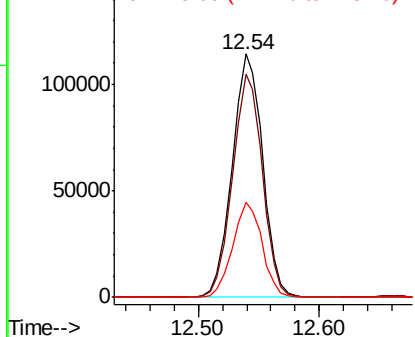


Abundance

Ion 142.00 (141.70 to 142.70): E

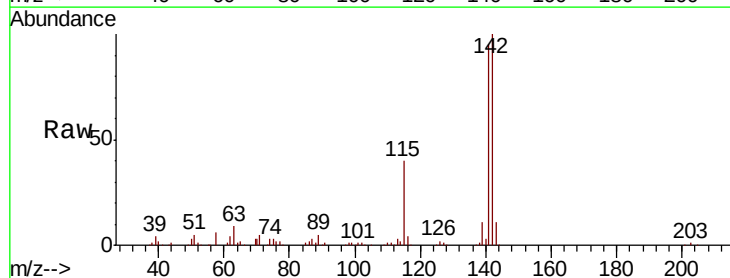
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 47.917 ng
 RT: 12.76 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	75.2	112.8
116	4.1	3.3	4.9

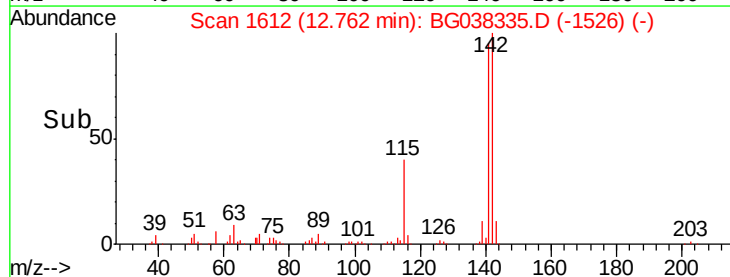
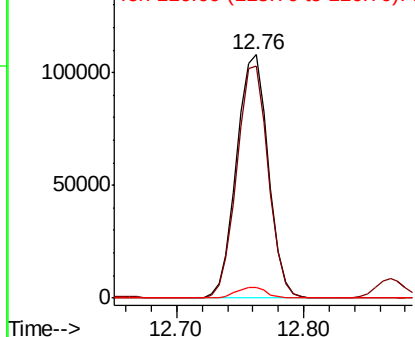


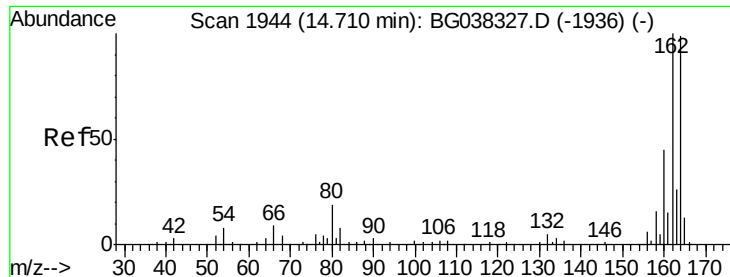
Abundance

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: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMS

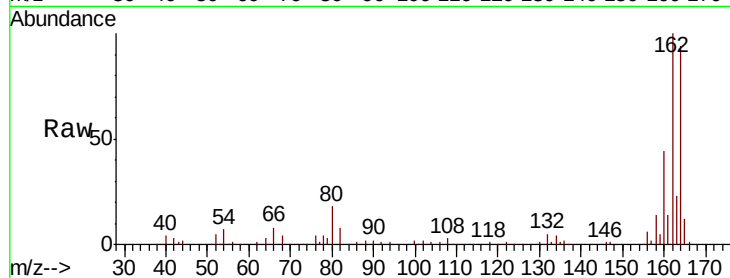
Tgt Ion:164 Resp: 78358

Ion Ratio Lower Upper

164 100

162 106.8 81.3 121.9

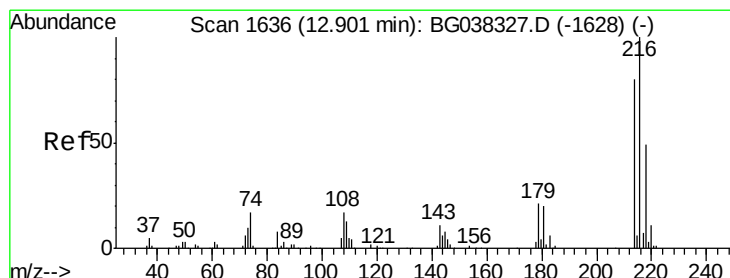
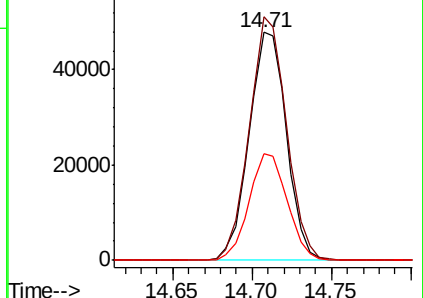
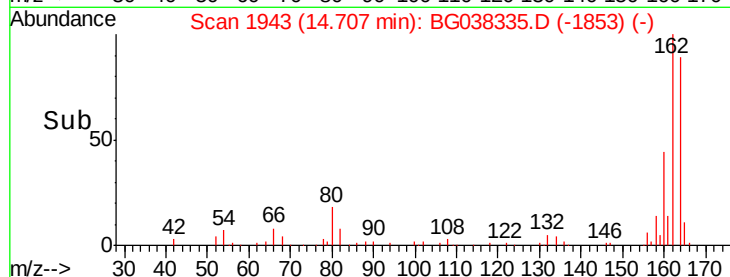
160 46.8 36.3 54.5



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: 39.691 ng

RT: 12.90 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

Tgt Ion:216 Resp: 107018

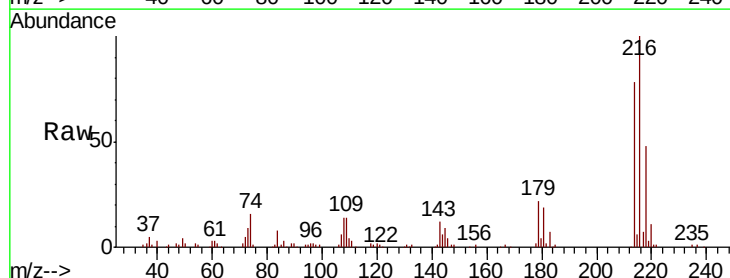
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 21.7 17.4 26.0

108 19.0 13.9 20.9

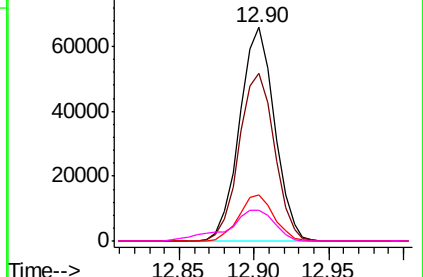
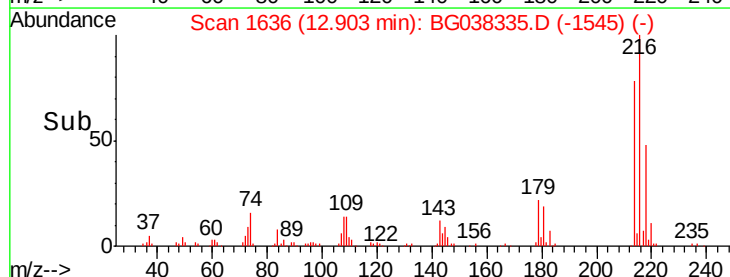


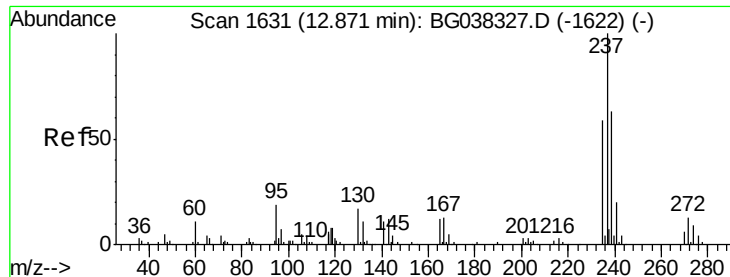
Abundance Ion 216.00 (215.70 to 216.70): E

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

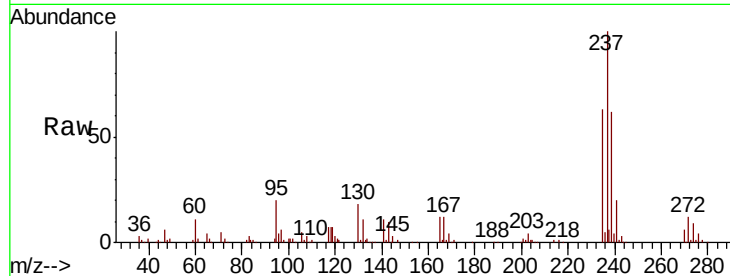




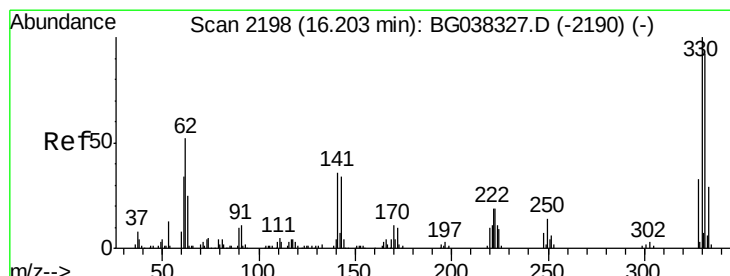
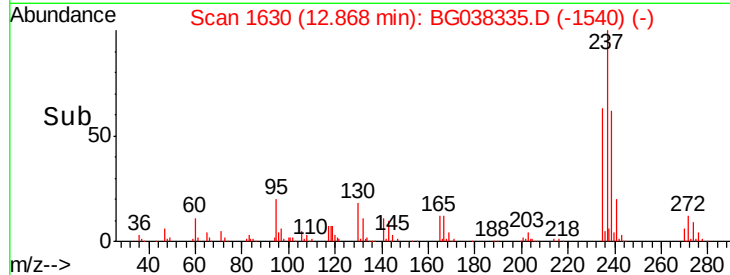
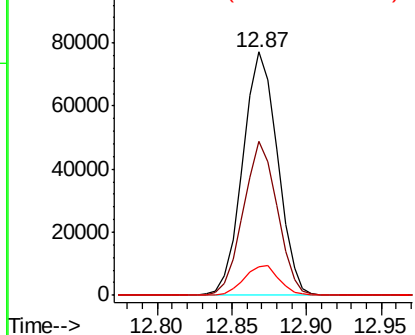
#41
Hexachlorocyclopentadiene
Concen: 83.779 ng
RT: 12.87 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tgt Ion: 237 Resp: 124137
Ion Ratio Lower Upper
237 100
235 63.1 42.5 82.5
272 11.7 0.0 31.6

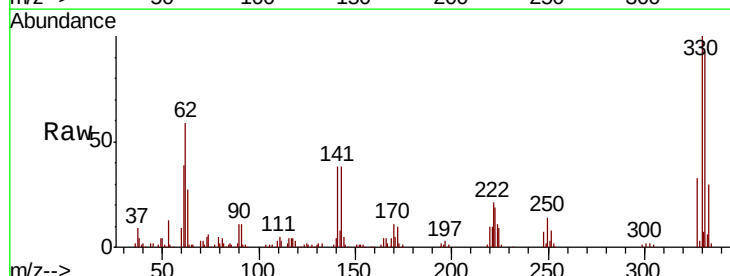


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

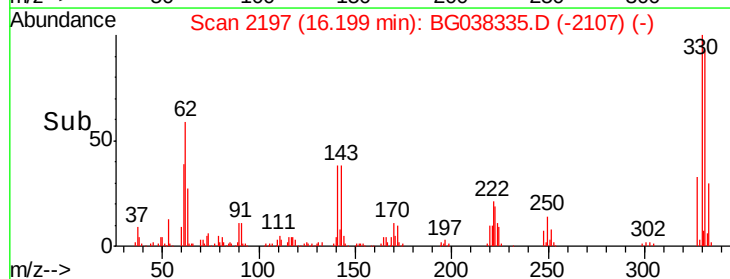
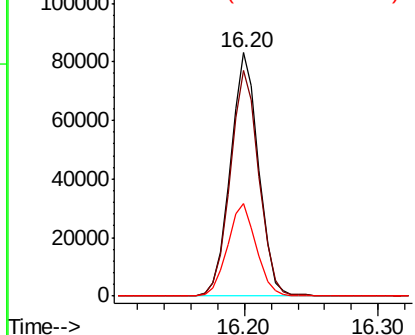


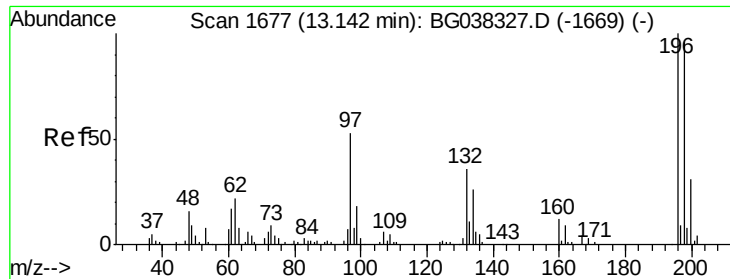
#42
2,4,6-Tribromophenol
Concen: 127.059 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Tgt Ion: 330 Resp: 122223
Ion Ratio Lower Upper
330 100
332 94.6 78.4 117.6
141 38.8 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

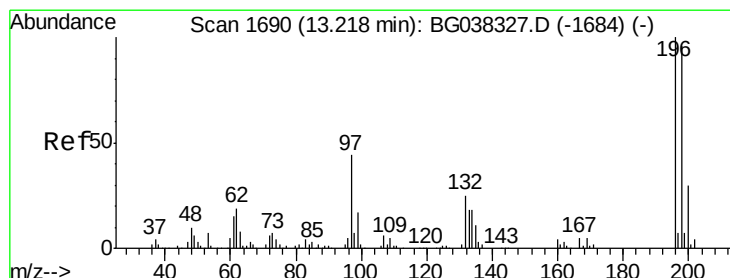
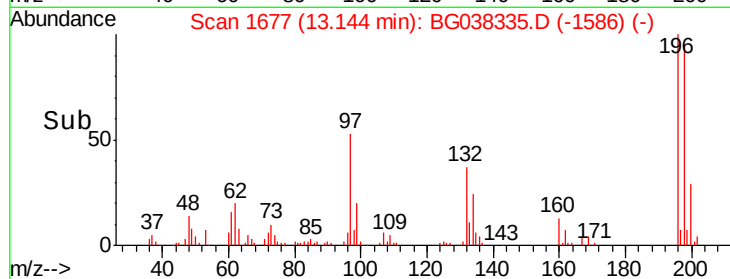
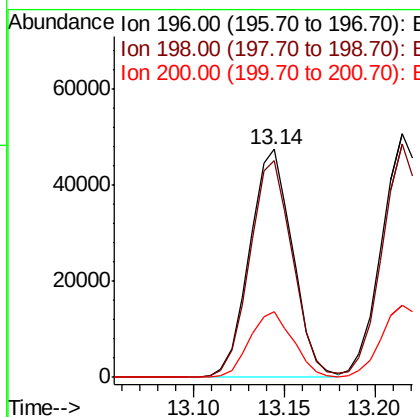
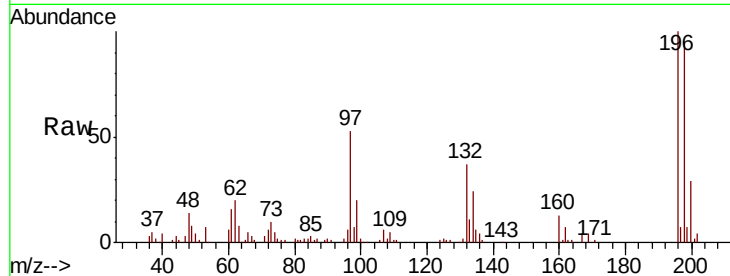




#43
 2,4,6-Trichlorophenol
 Concen: 44.752 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

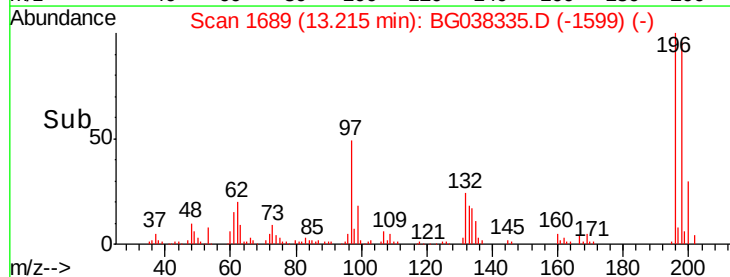
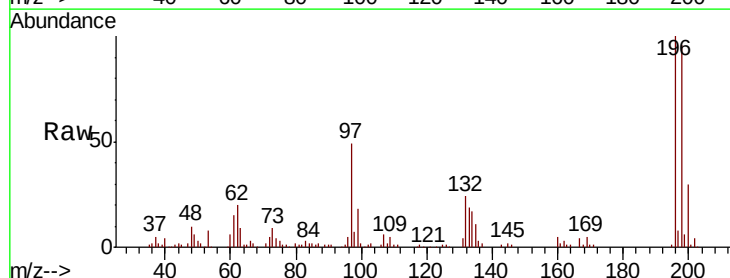
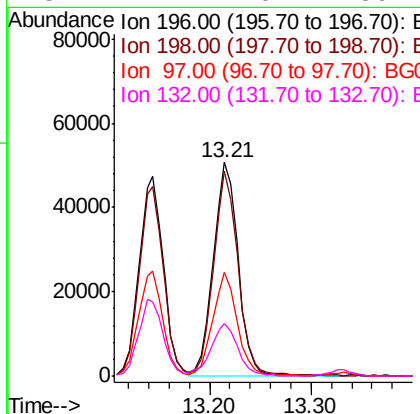
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

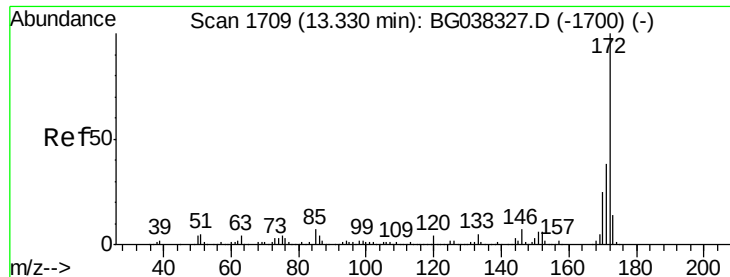
Tgt Ion:196 Resp: 78165
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.4 114.6
 200 29.0 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 46.777 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

Tgt Ion:196 Resp: 86554
 Ion Ratio Lower Upper
 196 100
 198 95.6 74.2 111.2
 97 48.8 34.1 51.1
 132 24.4 20.2 30.4

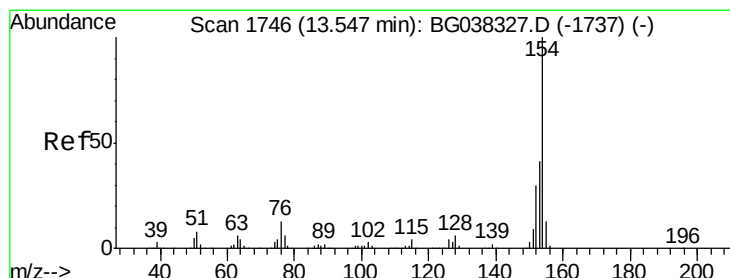
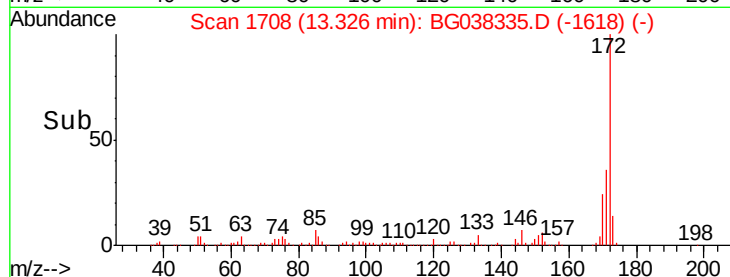
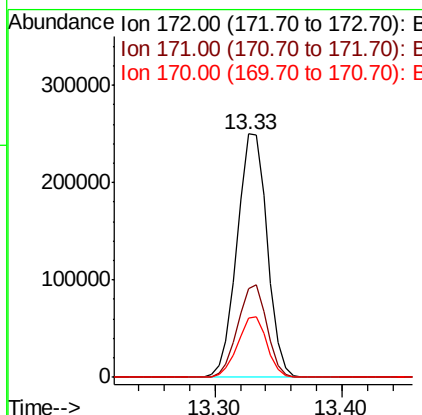
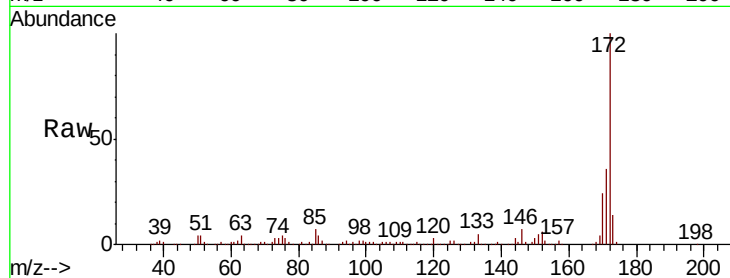




#45
 2-Fluorobiphenyl
 Concen: 74.527 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

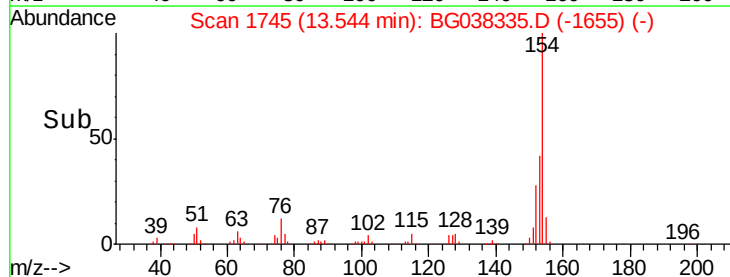
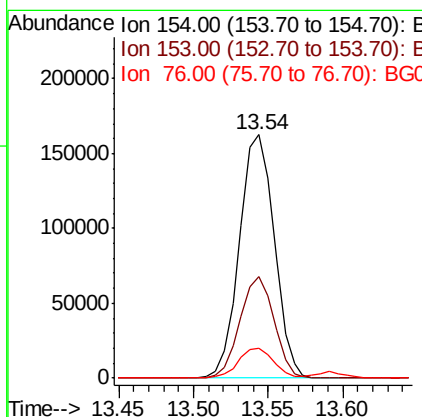
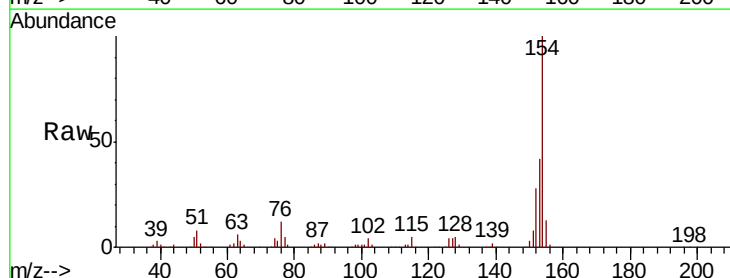
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

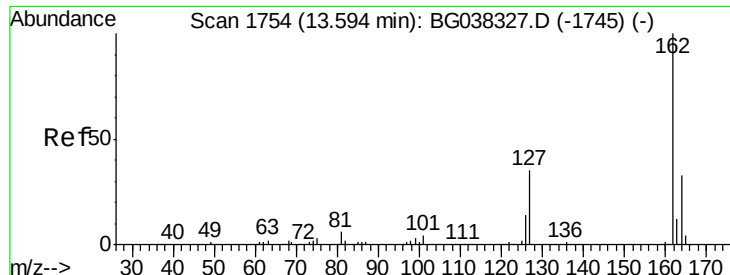
Tgt Ion:172 Resp: 409836
 Ion Ratio Lower Upper
 172 100
 171 36.5 31.0 46.4
 170 24.2 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 39.694 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

Tgt Ion:154 Resp: 262914
 Ion Ratio Lower Upper
 154 100
 153 41.7 22.1 62.1
 76 12.4 0.0 33.2

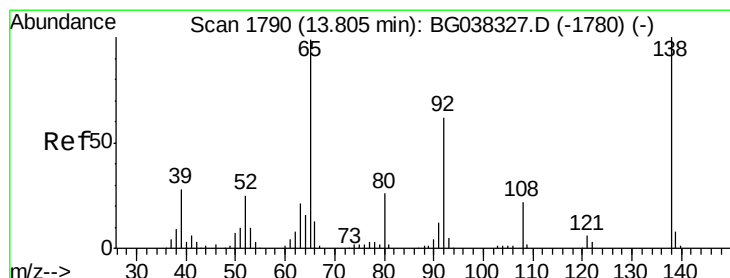
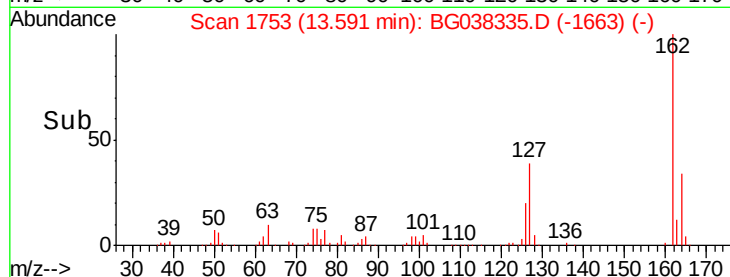
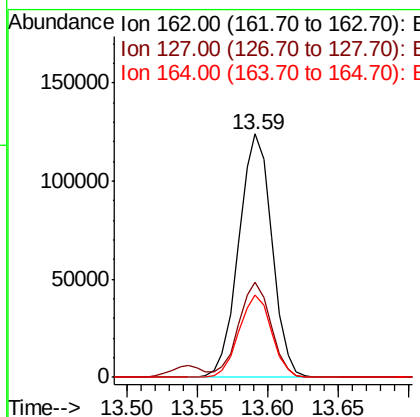
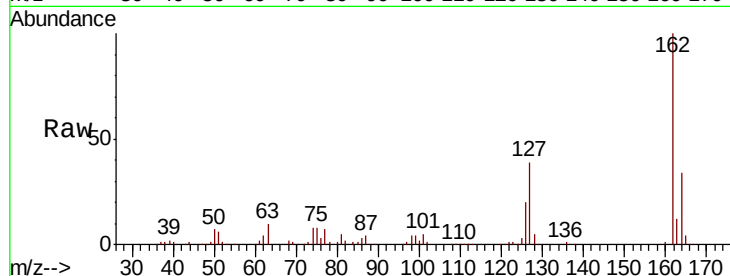




#47
 2-Chloronaphthalene
 Concen: 40.710 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

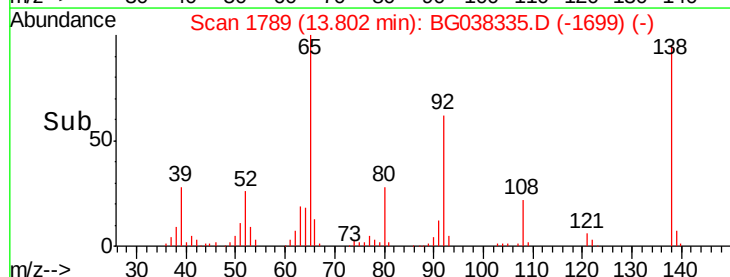
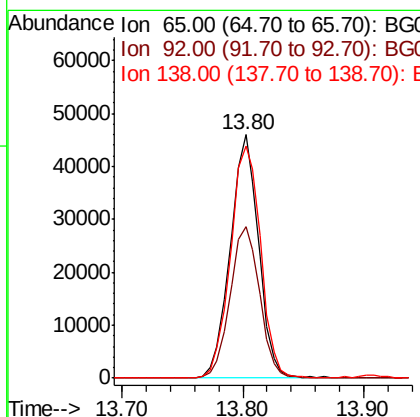
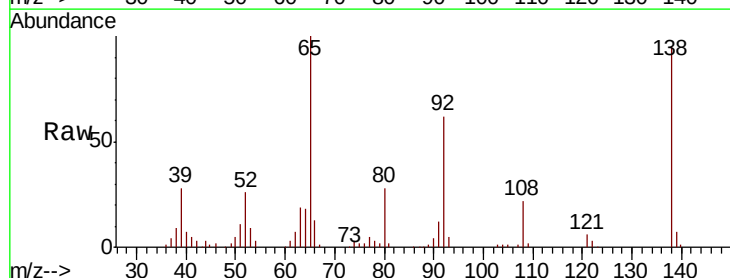
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

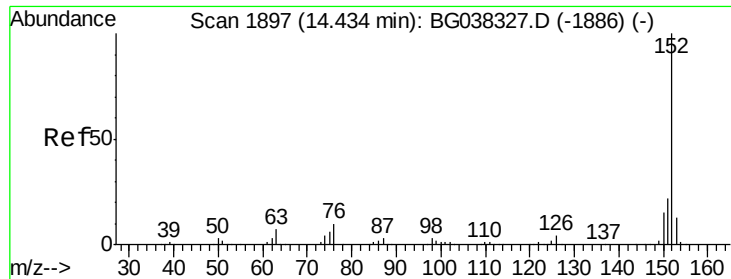
Tgt Ion: 162 Resp: 203473
 Ion Ratio Lower Upper
 162 100
 127 38.8 30.5 45.7
 164 33.8 26.4 39.6



#48
 2-Nitroaniline
 Concen: 44.719 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

Tgt Ion: 65 Resp: 74986
 Ion Ratio Lower Upper
 65 100
 92 62.3 53.2 79.8
 138 95.1 79.3 118.9





#49

Acenaphthylene

Concen: 46.177 ng

RT: 14.44 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMS

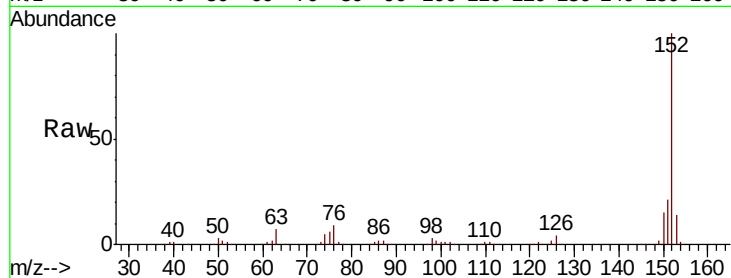
Tgt Ion:152 Resp: 347594

Ion Ratio Lower Upper

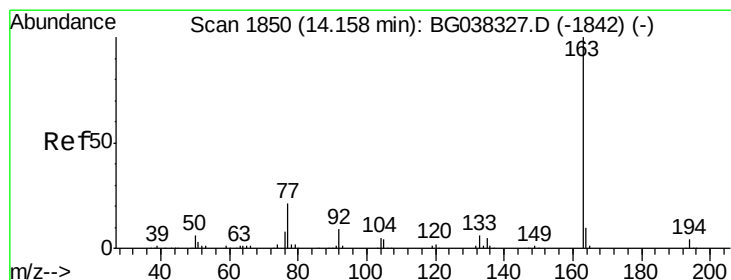
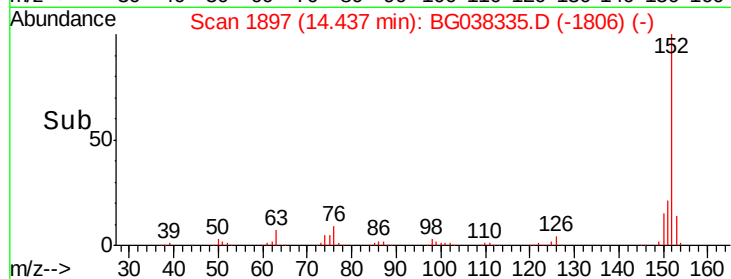
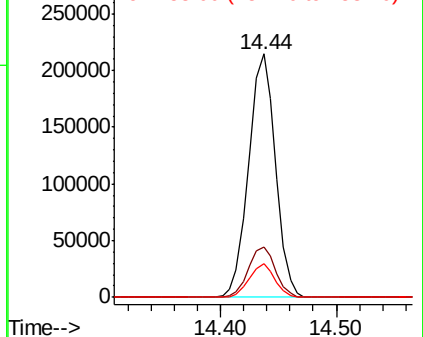
152 100

151 20.9 17.1 25.7

153 13.6 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: 46.493 ng

RT: 14.16 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

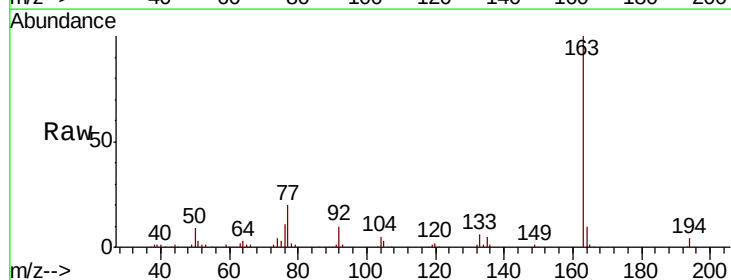
Tgt Ion:163 Resp: 292207

Ion Ratio Lower Upper

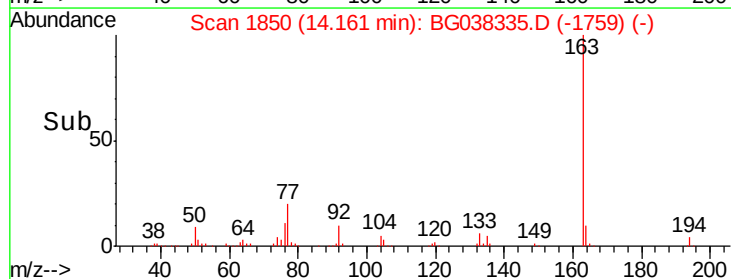
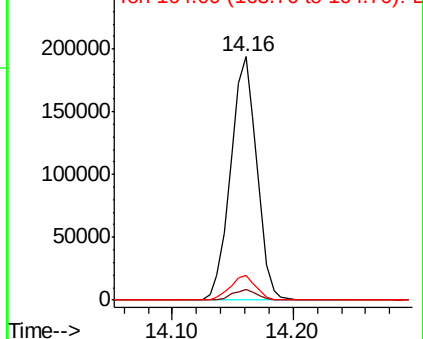
163 100

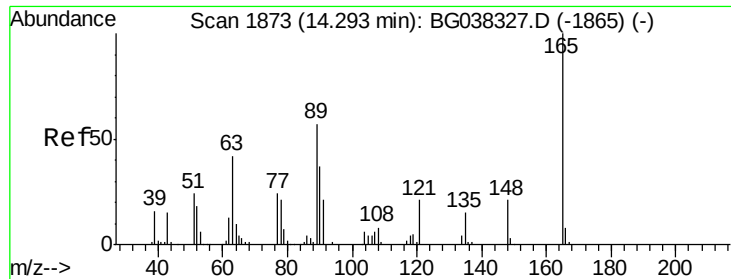
194 4.4 3.5 5.3

164 10.0 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

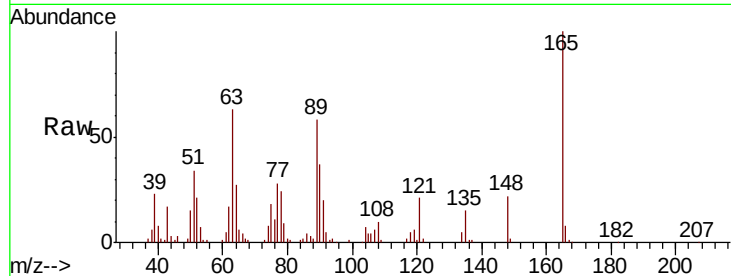




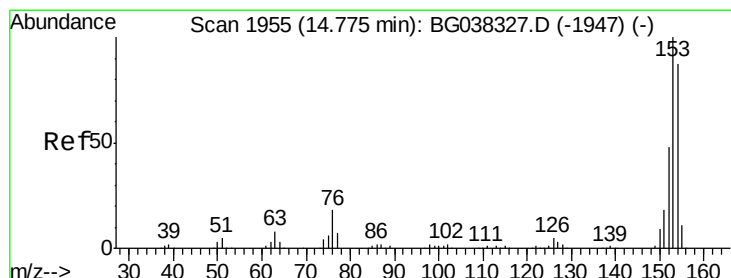
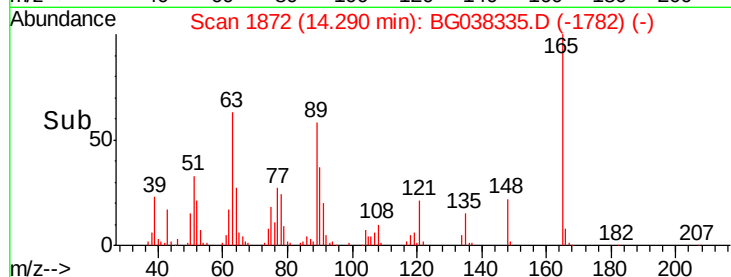
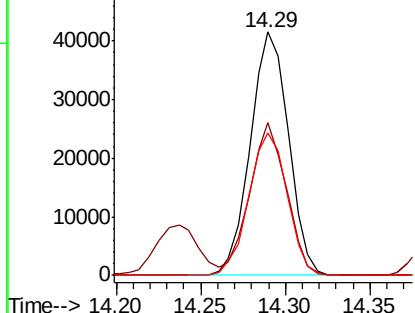
#51
 2,6-Dinitrotoluene
 Concen: 45.461 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Tgt Ion:165 Resp: 65267
 Ion Ratio Lower Upper
 165 100
 63 63.0 43.4 65.2
 89 58.3 45.8 68.6

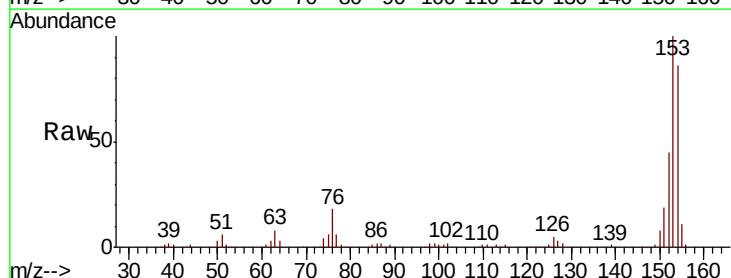


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

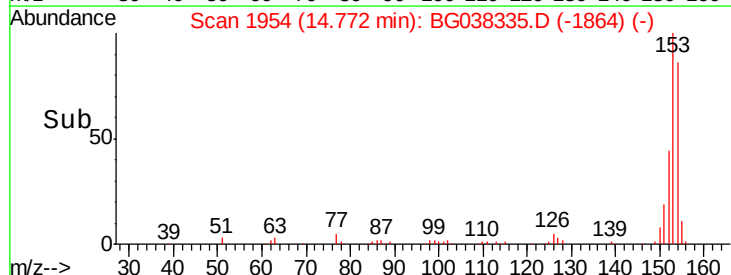
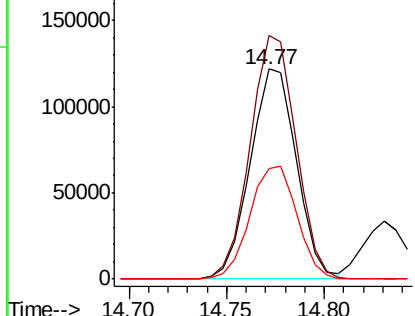


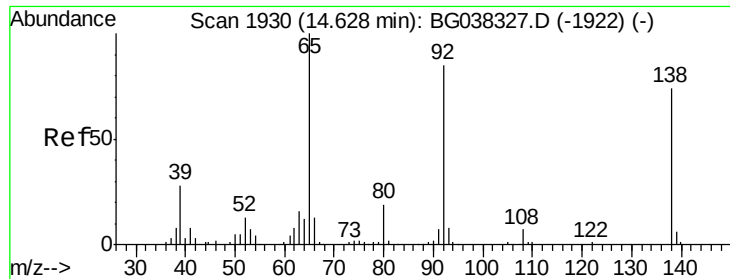
#52
 Acenaphthene
 Concen: 43.623 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

Tgt Ion:154 Resp: 200183
 Ion Ratio Lower Upper
 154 100
 153 115.9 93.4 140.0
 152 52.4 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 12.483 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMS

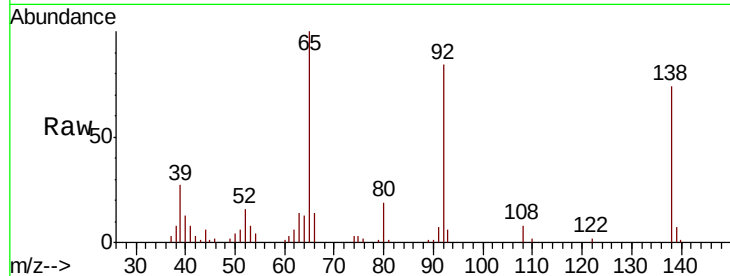
Tgt Ion:138 Resp: 19302

Ion Ratio Lower Upper

138 100

108 10.4 11.0 16.6#

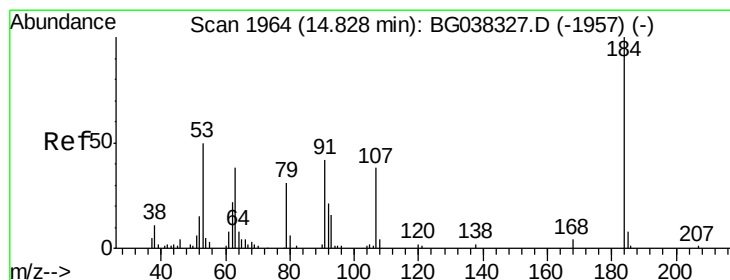
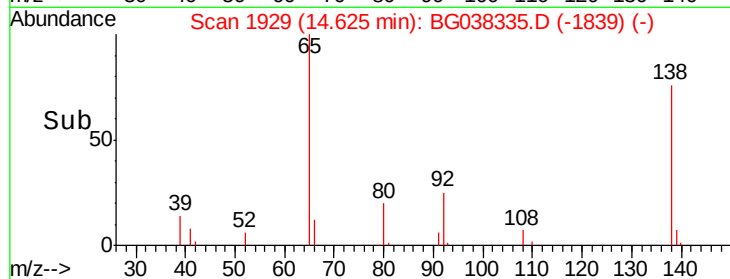
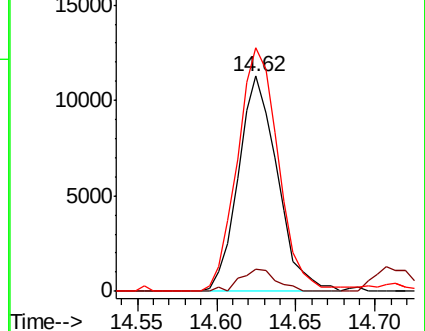
92 113.3 95.2 142.8



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: 109.330 ng

RT: 14.83 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

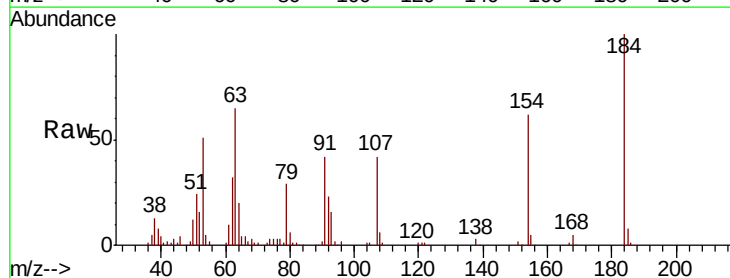
Tgt Ion:184 Resp: 86043

Ion Ratio Lower Upper

184 100

63 64.8 42.6 63.8#

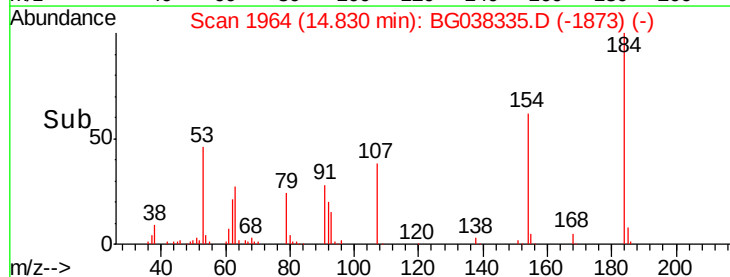
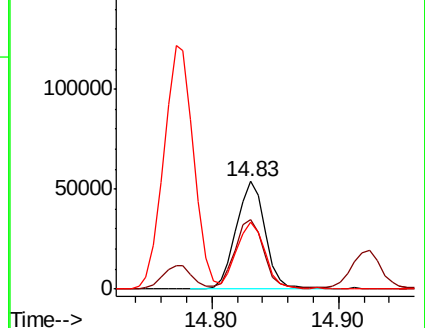
154 62.2 41.8 62.6

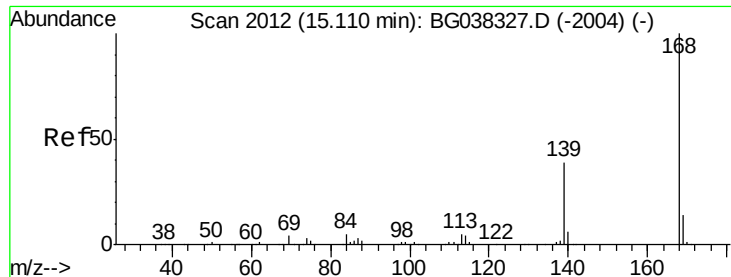


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

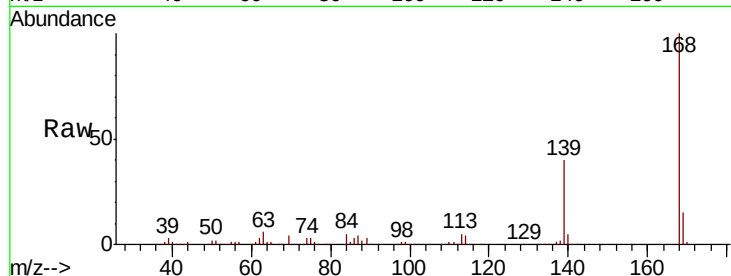




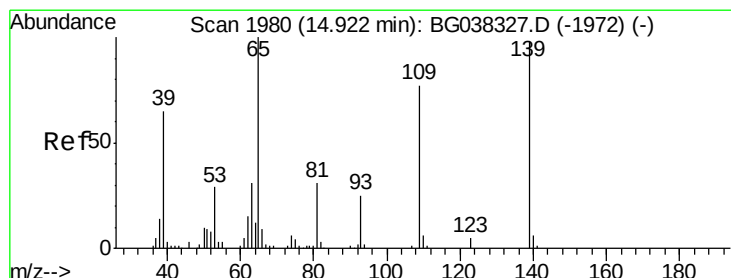
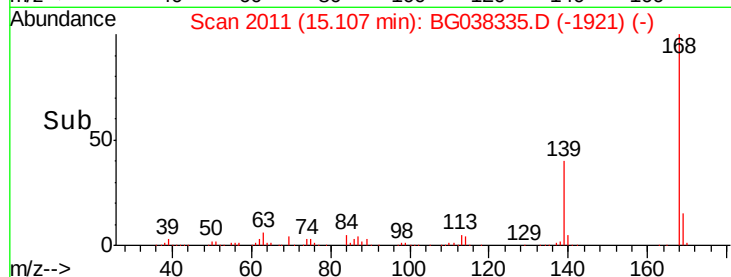
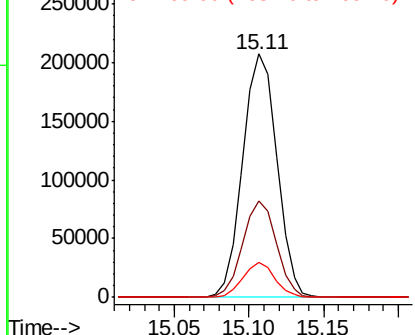
#55
Dibenzenofuran
Concen: 43.308 ng
RT: 15.11 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tgt Ion:168 Resp: 328556
Ion Ratio Lower Upper
168 100
139 39.7 29.4 44.0
169 14.6 11.0 16.6

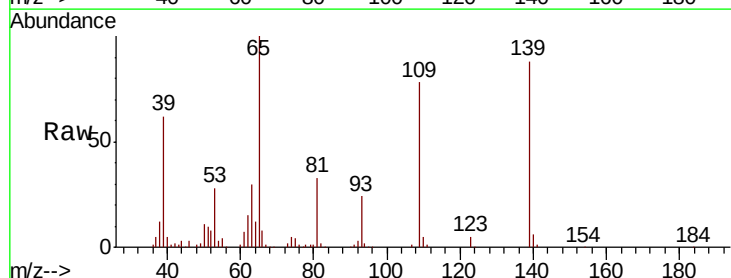


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

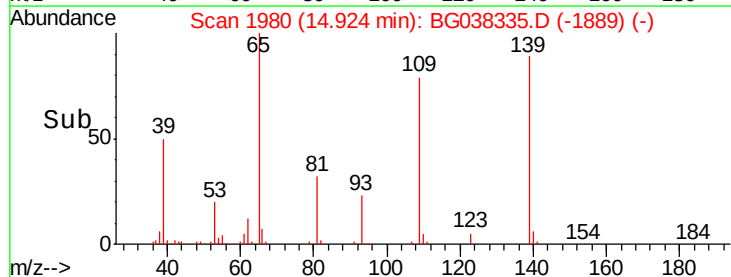
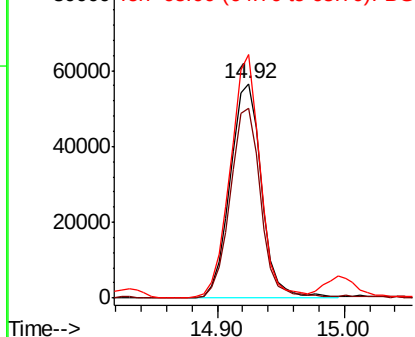


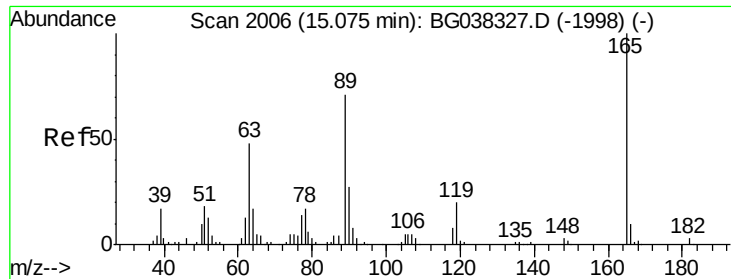
#56
4-Nitrophenol
Concen: 78.980 ng
RT: 14.92 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Tgt Ion:139 Resp: 96467
Ion Ratio Lower Upper
139 100
109 88.8 49.5 89.5
65 113.6 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

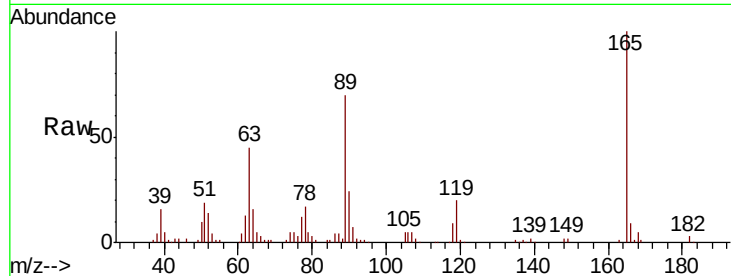




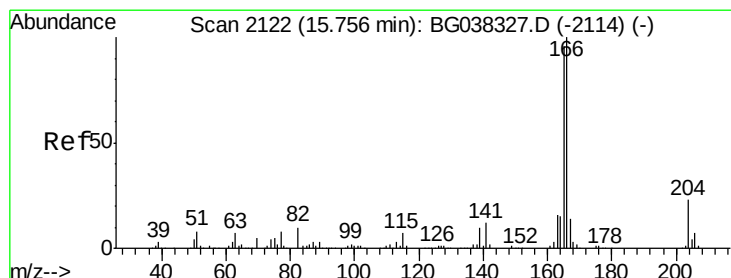
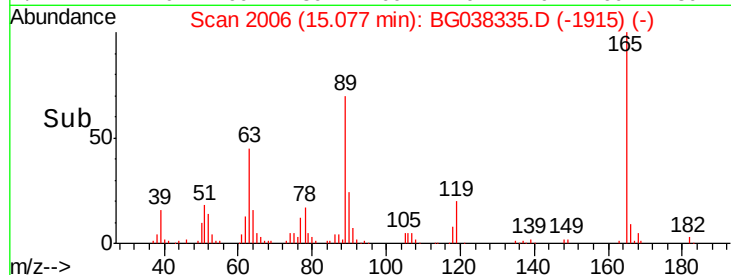
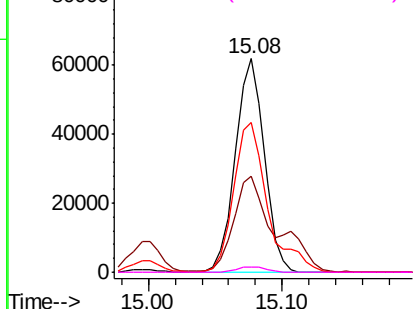
#57
2,4-Dinitrotoluene
Concen: 47.037 ng
RT: 15.08 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.0	33.4	50.0
89	70.2	57.2	85.8
182	2.7	2.6	4.0

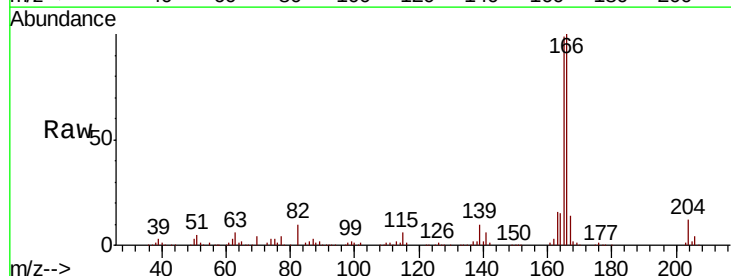


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

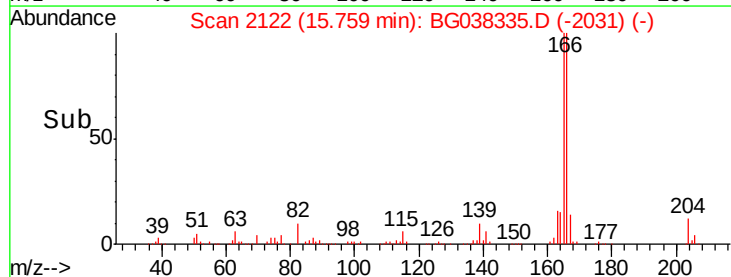
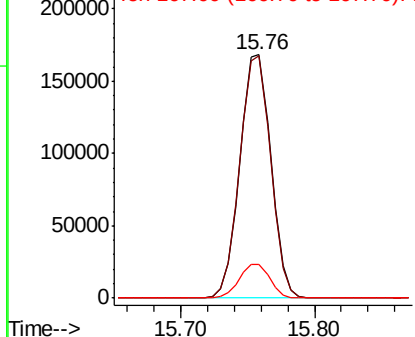


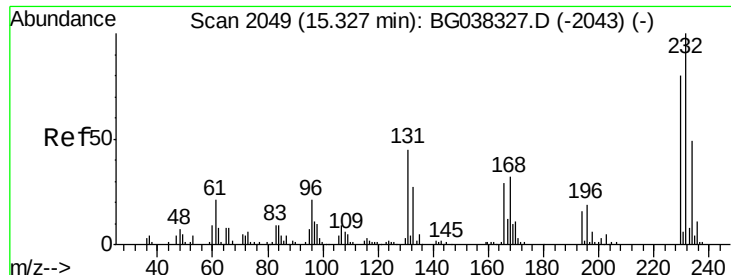
#58
Fluorene
Concen: 48.318 ng
RT: 15.76 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.0	118.6
167	13.9	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

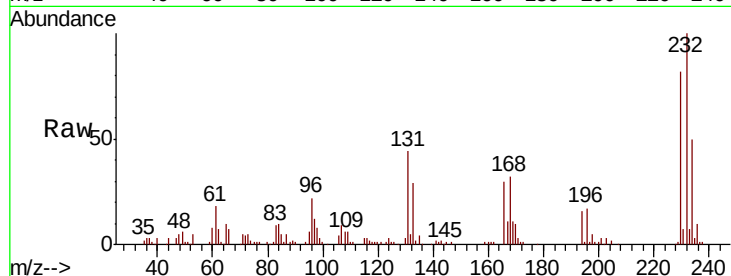




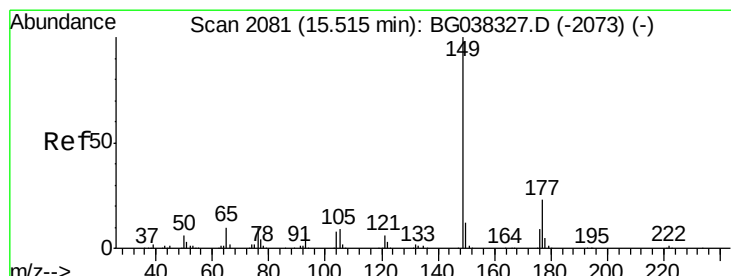
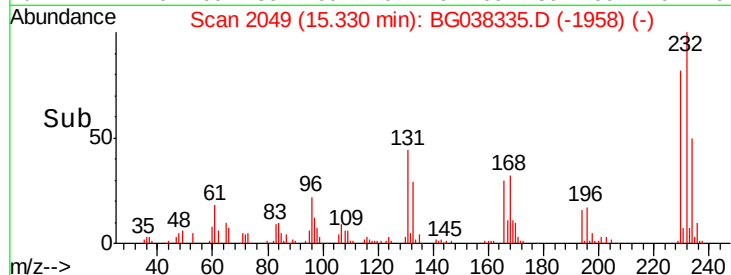
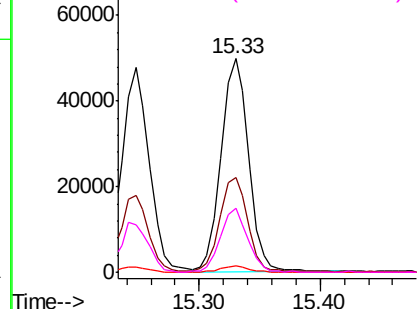
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.664 ng
RT: 15.33 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tgt Ion:	232	Resp:	78205
Ion	Ratio	Lower	Upper
232	100		
131	45.7	33.7	50.5
130	2.9	2.1	3.1
166	29.8	24.6	36.8

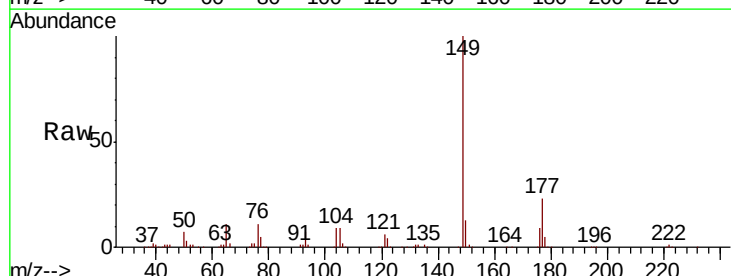


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

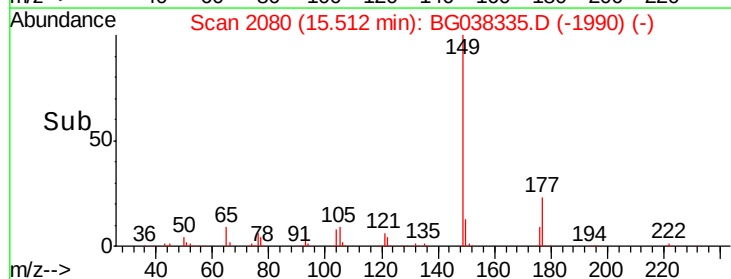
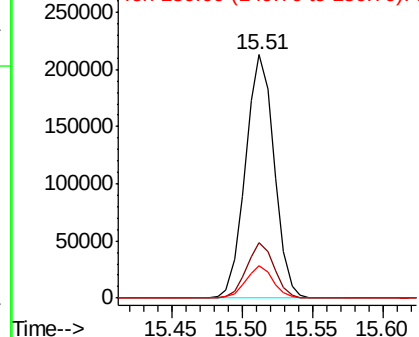


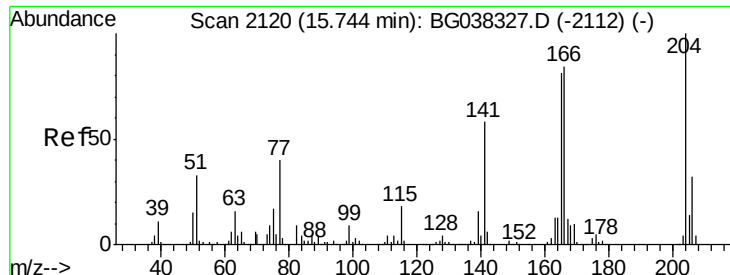
#60
Diethylphthalate
Concen: 43.507 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Tgt Ion:	149	Resp:	302941
Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.3	27.5
150	13.2	10.0	15.0



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

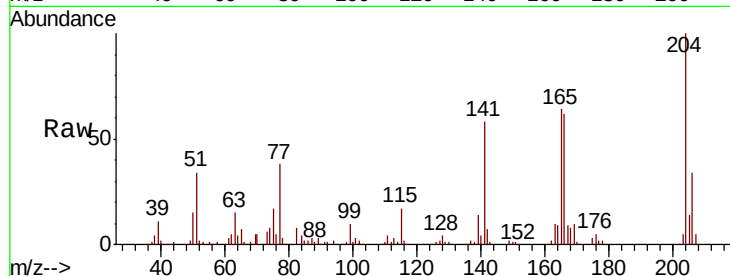




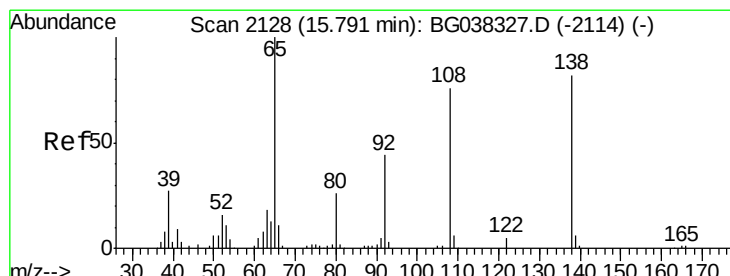
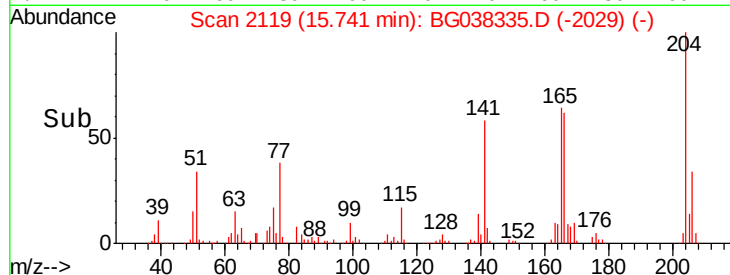
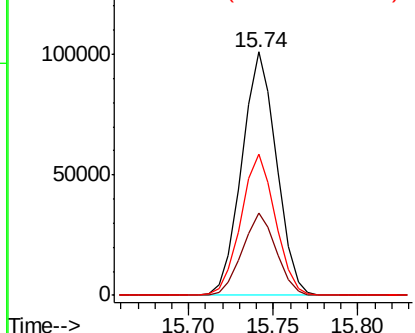
#61
 4-Chlorophenyl-phenylether
 Concen: 42.907 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Tgt Ion: 204 Resp: 144050
 Ion Ratio Lower Upper
 204 100
 206 34.0 26.6 39.8
 141 58.3 45.4 68.2

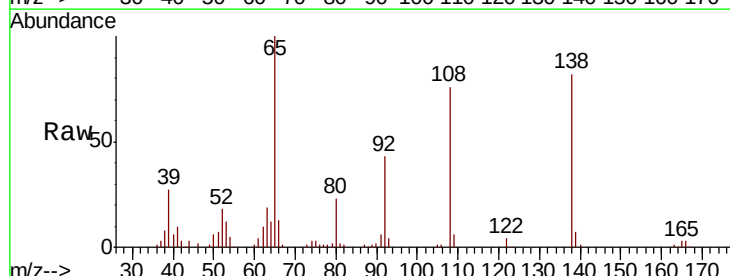


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

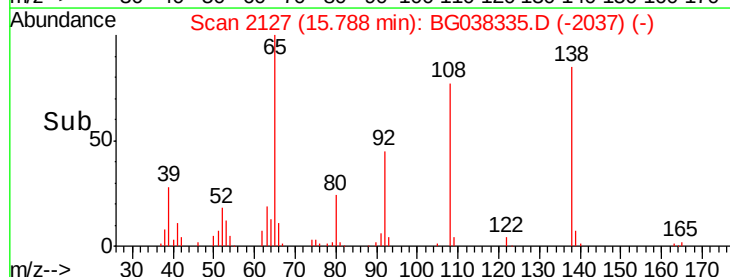
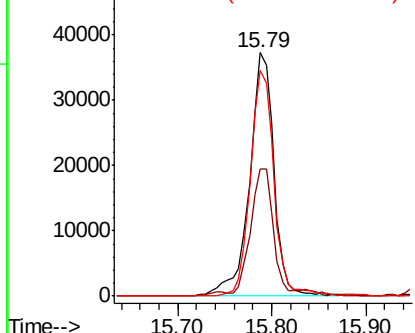


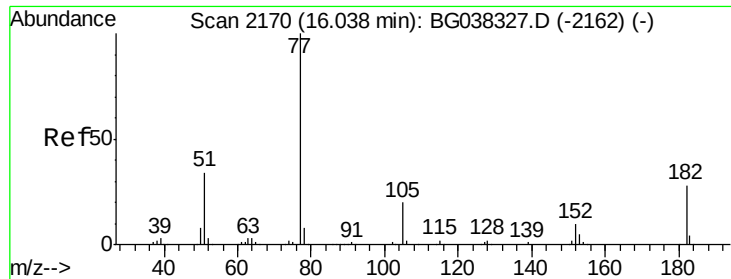
#62
 4-Nitroaniline
 Concen: 44.272 ng
 RT: 15.79 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

Tgt Ion: 138 Resp: 67328
 Ion Ratio Lower Upper
 138 100
 92 52.2 36.4 76.4
 108 92.5 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: 44.730 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMS

Tgt Ion: 77 Resp: 272575

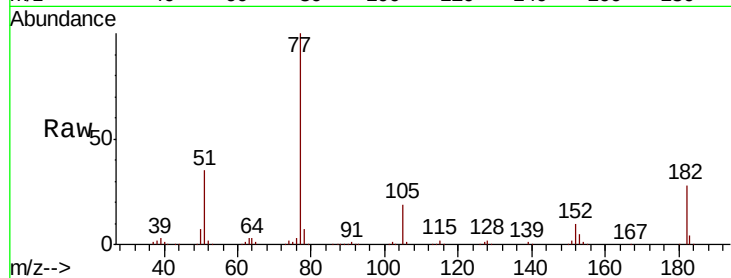
Ion Ratio Lower Upper

77 100

182 27.8 8.0 48.0

105 19.5 1.3 41.3

51 35.1 10.7 50.7

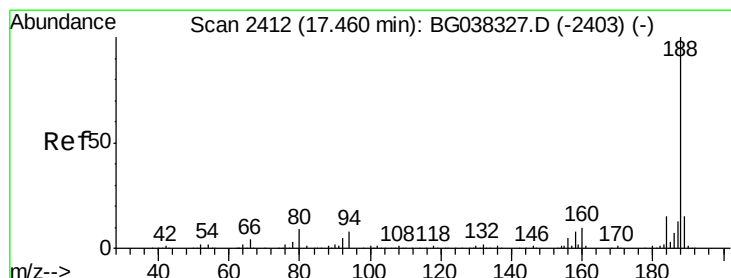
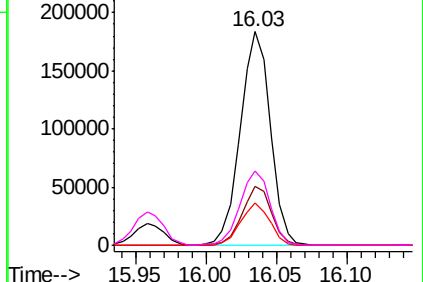
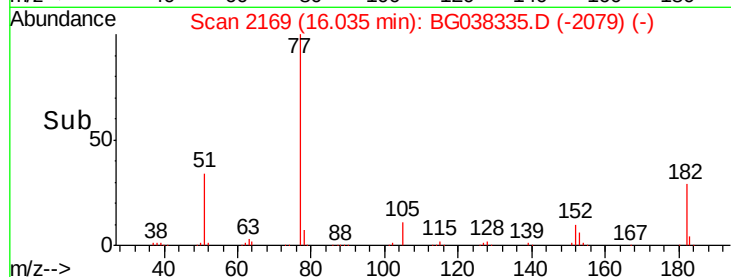


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.46 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

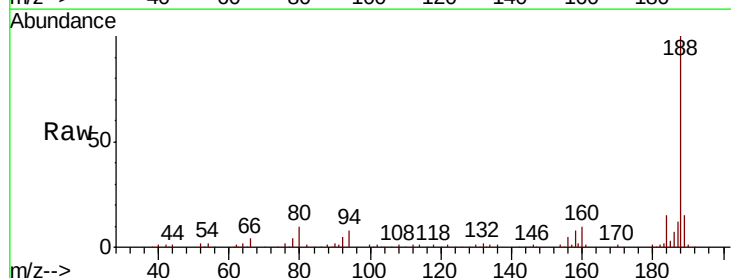
Tgt Ion: 188 Resp: 195666

Ion Ratio Lower Upper

188 100

94 7.7 7.2 10.8

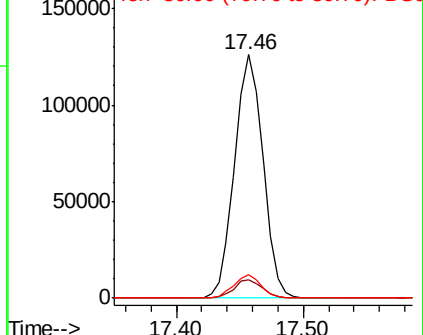
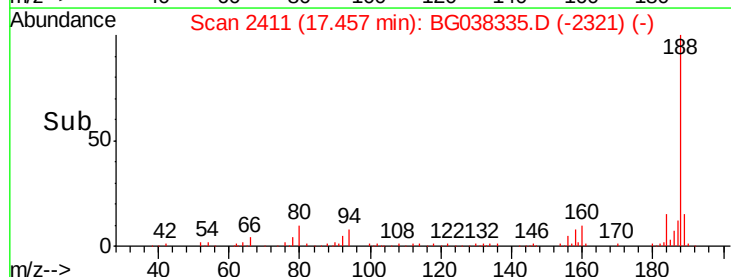
80 9.7 7.7 11.5

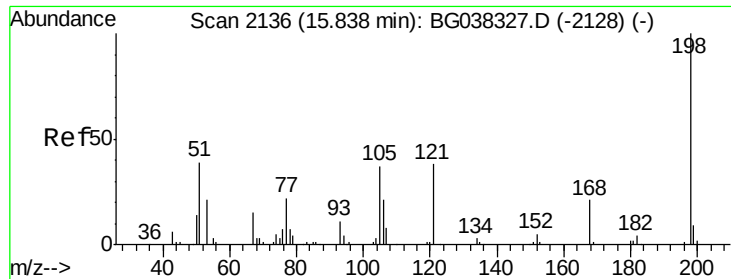


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

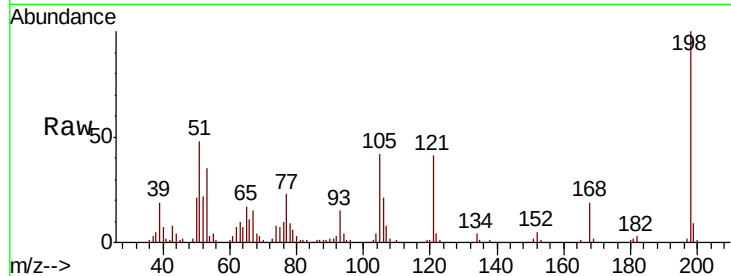




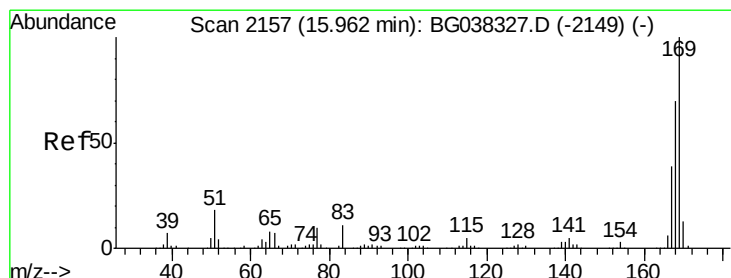
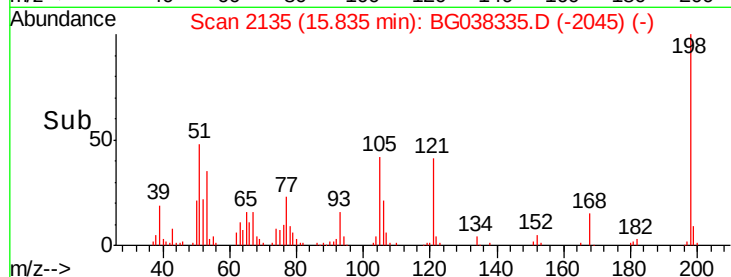
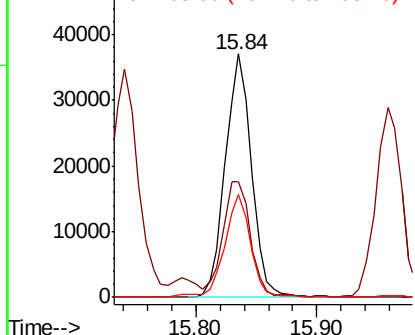
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.580 ng
 RT: 15.84 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Tgt Ion:198 Resp: 55870
 Ion Ratio Lower Upper
 198 100
 51 47.6 22.7 62.7
 105 42.2 19.7 59.7

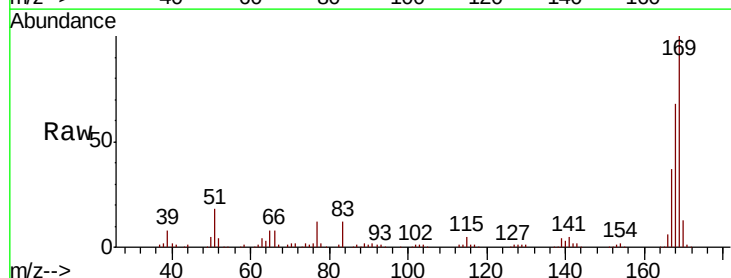


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

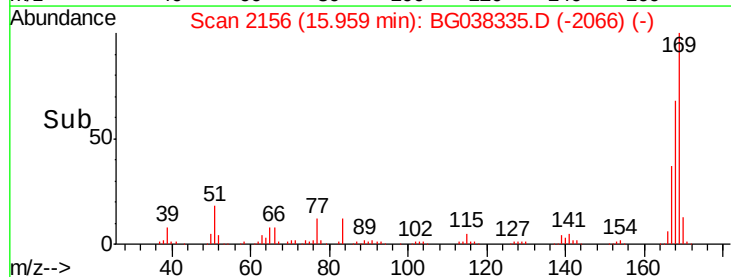
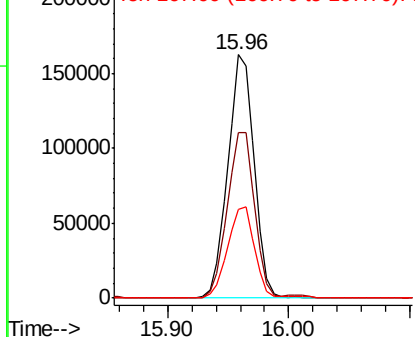


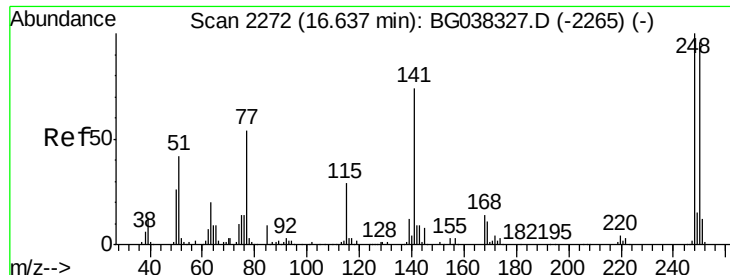
#66
 n-Nitrosodiphenylamine
 Concen: 44.761 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

Tgt Ion:169 Resp: 246284
 Ion Ratio Lower Upper
 169 100
 168 68.0 55.7 83.5
 167 36.5 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

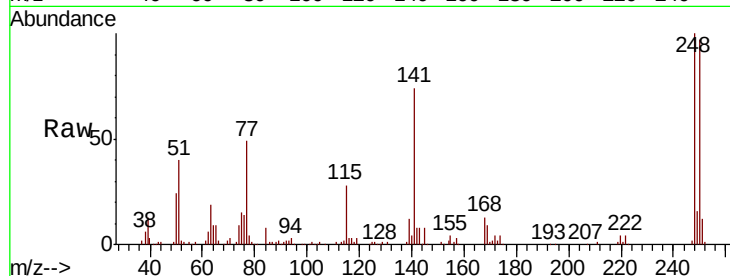




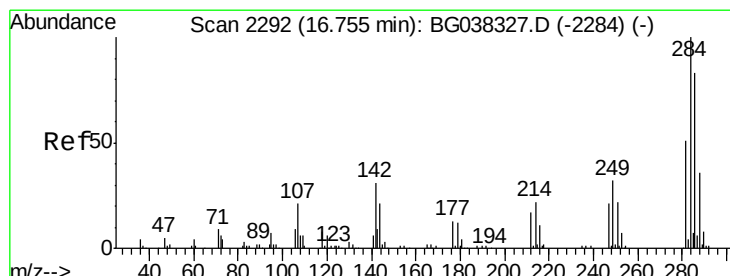
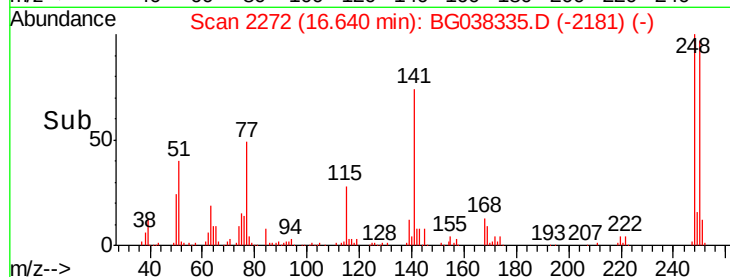
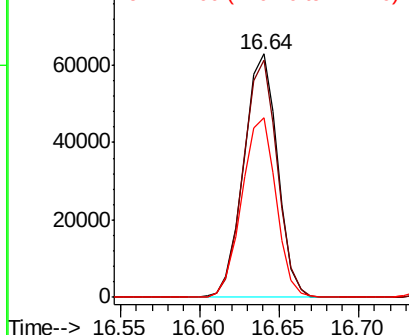
#67
 4-Bromophenyl-phenylether
 Concen: 44.129 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Tgt Ion:248 Resp: 93245
 Ion Ratio Lower Upper
 248 100
 250 97.3 77.0 115.6
 141 73.5 55.5 83.3

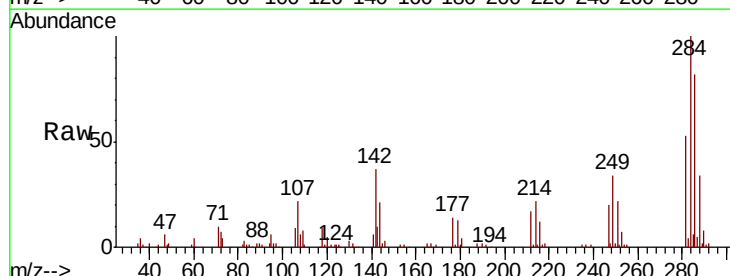


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

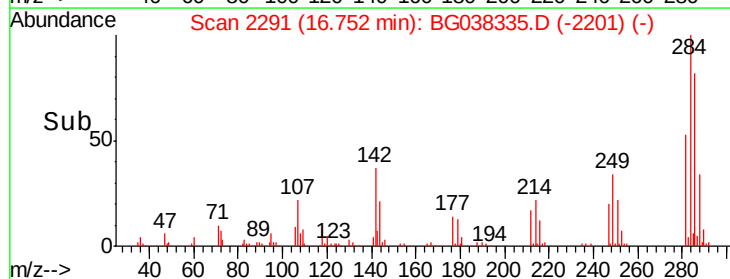
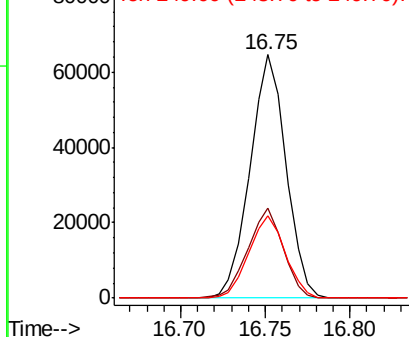


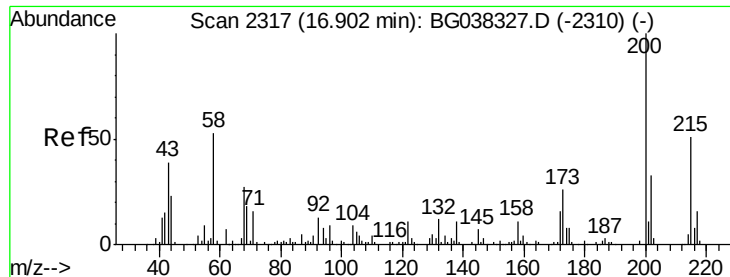
#68
 Hexachlorobenzene
 Concen: 43.927 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: BG038335.D
 Acq: 4 Dec 2018 21:56

Tgt Ion:284 Resp: 95738
 Ion Ratio Lower Upper
 284 100
 142 37.1 28.1 42.1
 249 36.2 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: 48.154 ng

RT: 16.90 min Scan# 2317

Delta R.T. 0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMS

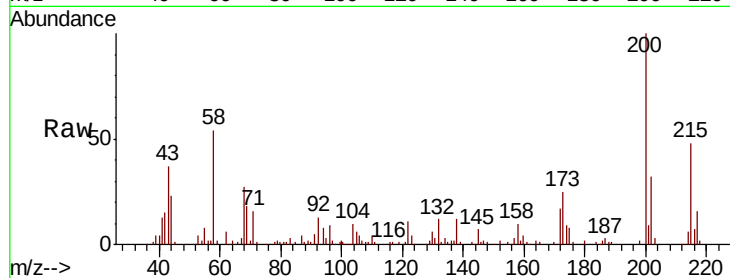
Tgt Ion:200 Resp: 98866

Ion Ratio Lower Upper

200 100

173 24.9 6.1 46.1

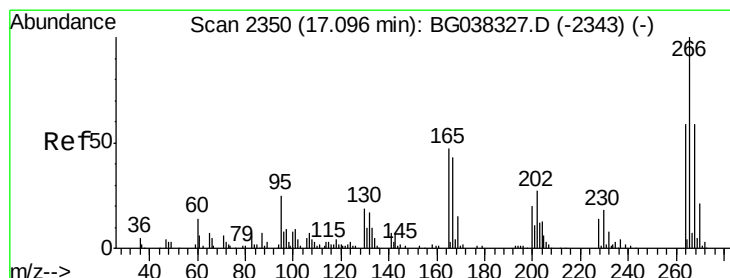
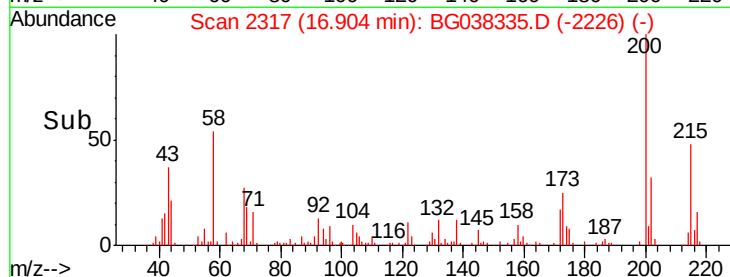
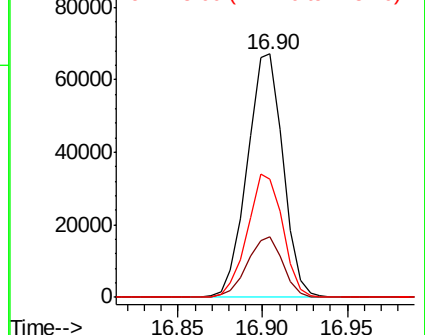
215 48.5 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 79.712 ng

RT: 17.10 min Scan# 2350

Delta R.T. 0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

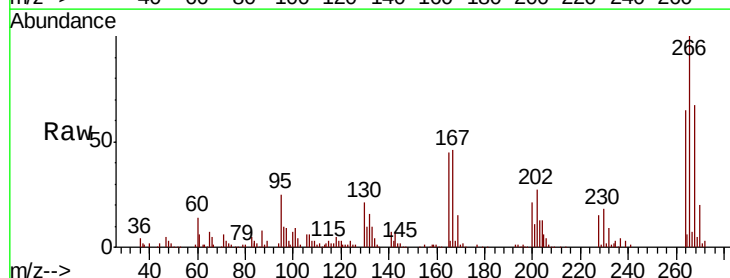
Tgt Ion:266 Resp: 118994

Ion Ratio Lower Upper

266 100

268 71.6 55.0 82.6

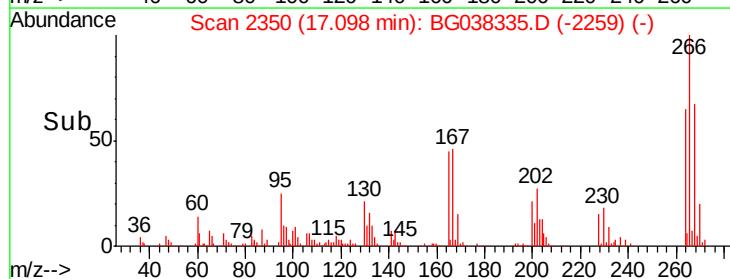
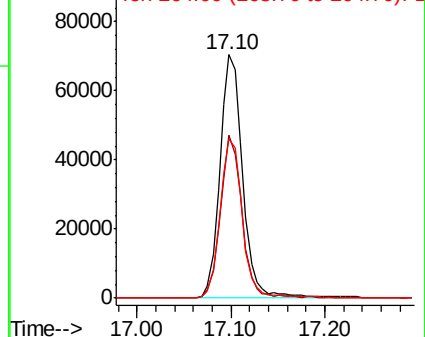
264 71.0 58.9 88.3

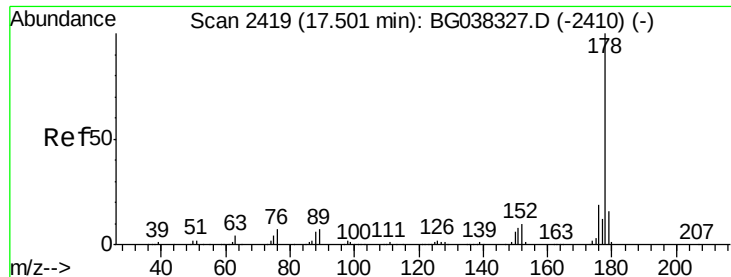


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.626 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMS

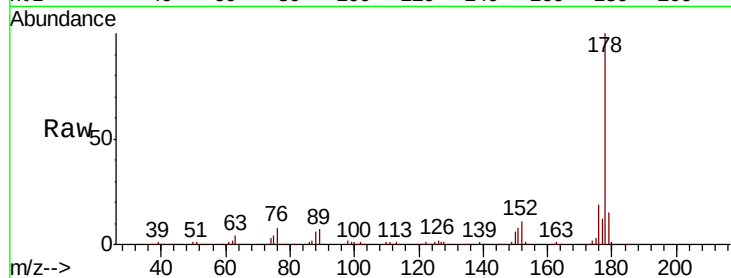
Tgt Ion:178 Resp: 466682

Ion Ratio Lower Upper

178 100

176 19.0 16.1 24.1

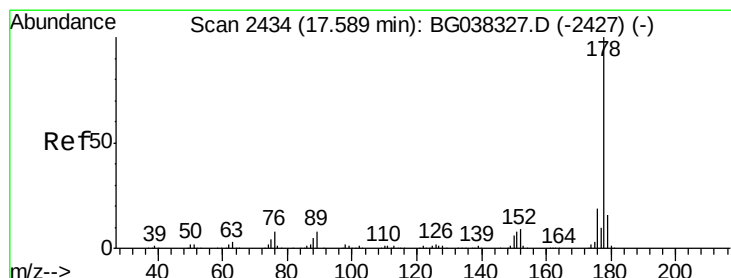
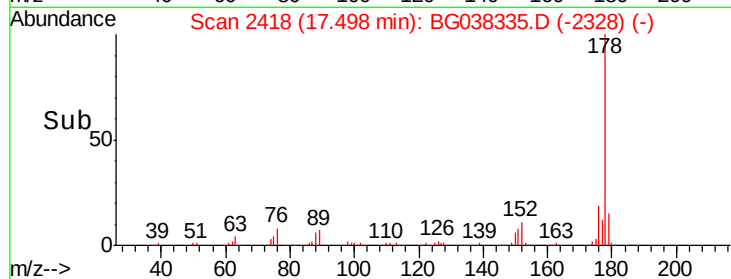
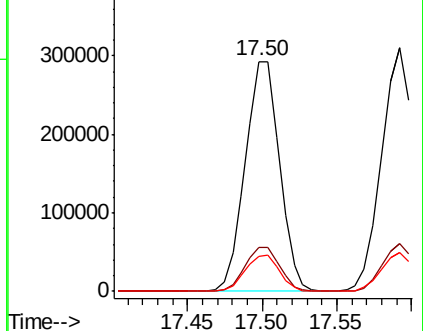
179 15.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.751 ng

RT: 17.59 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

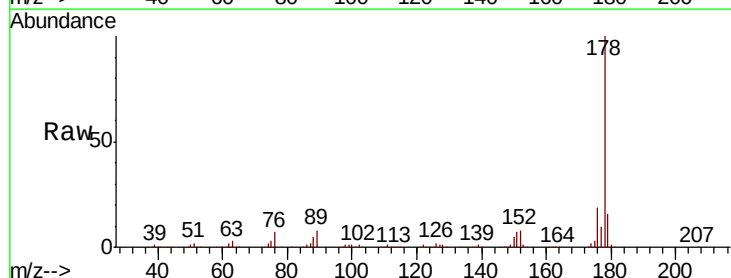
Tgt Ion:178 Resp: 472101

Ion Ratio Lower Upper

178 100

176 19.4 15.0 22.4

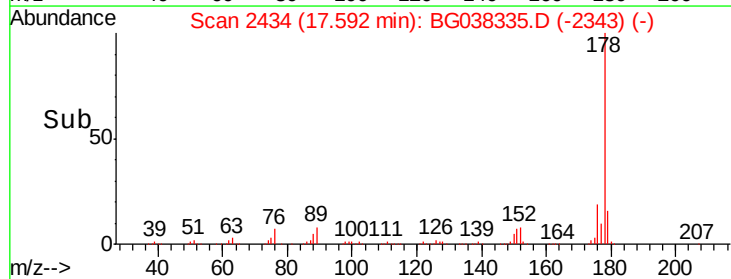
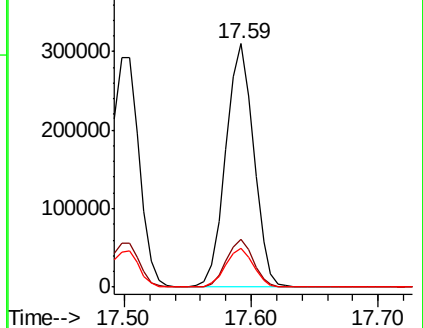
179 15.7 12.8 19.2

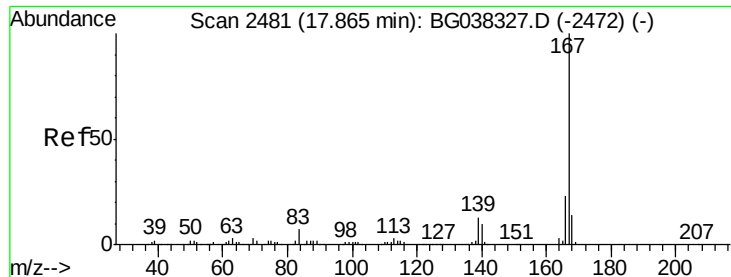


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 45.123 ng

RT: 17.86 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMS

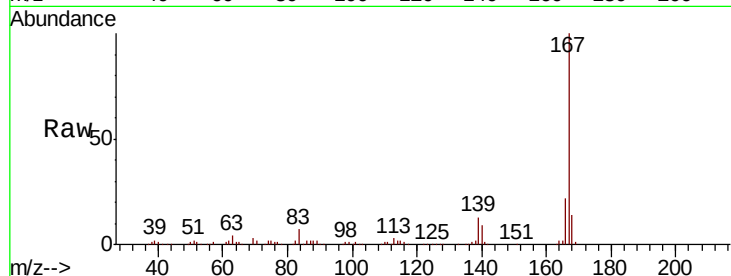
Tgt Ion:167 Resp: 424969

Ion Ratio Lower Upper

167 100

166 22.2 18.3 27.5

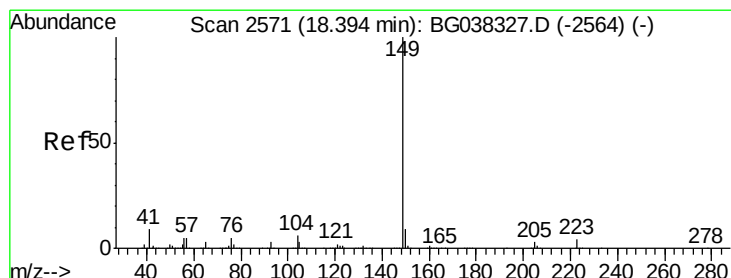
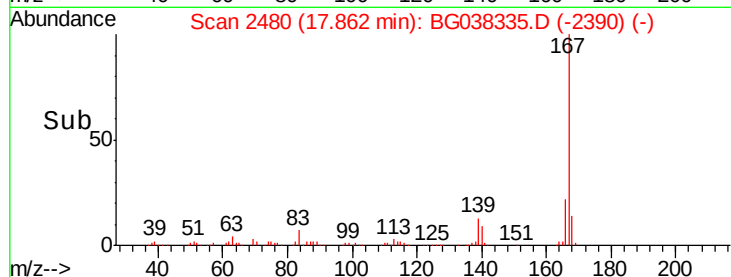
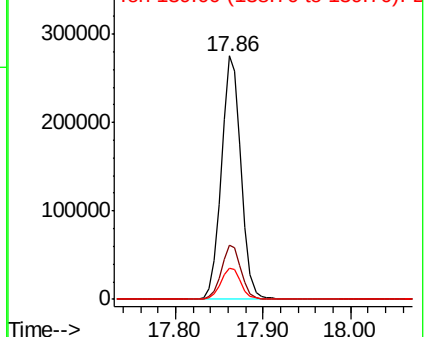
139 12.9 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 66.003 ng

RT: 18.40 min Scan# 2571

Delta R.T. 0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

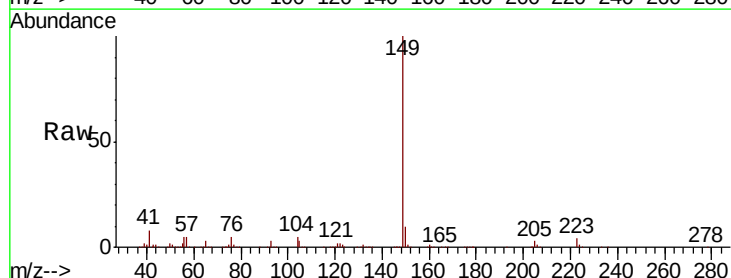
Tgt Ion:149 Resp: 726211

Ion Ratio Lower Upper

149 100

150 9.6 8.2 12.2

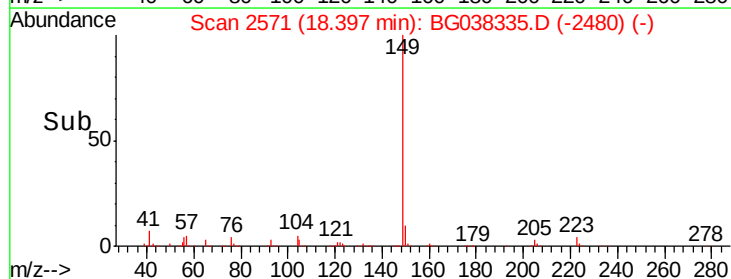
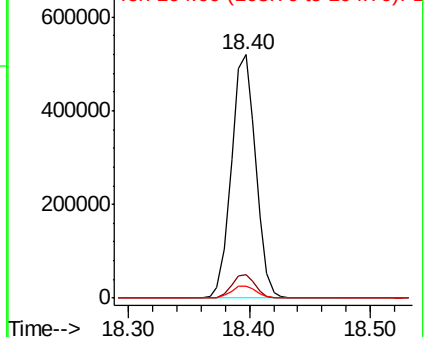
104 4.9 4.0 6.0

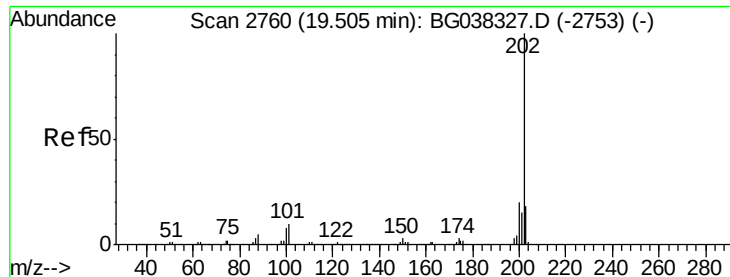


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.542 ng

RT: 19.51 min Scan# 2760

Delta R.T. 0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMS

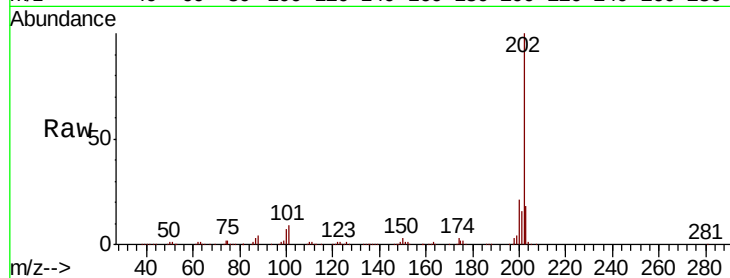
Tgt Ion:202 Resp: 555732

Ion Ratio Lower Upper

202 100

101 8.7 0.0 30.7

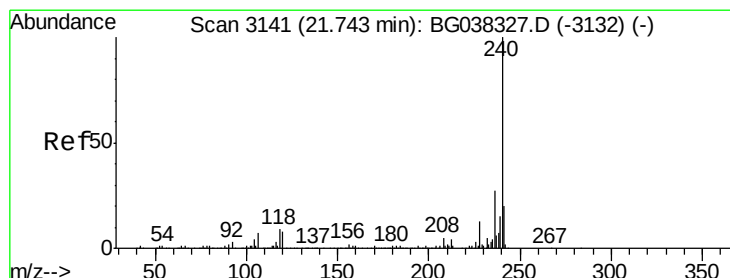
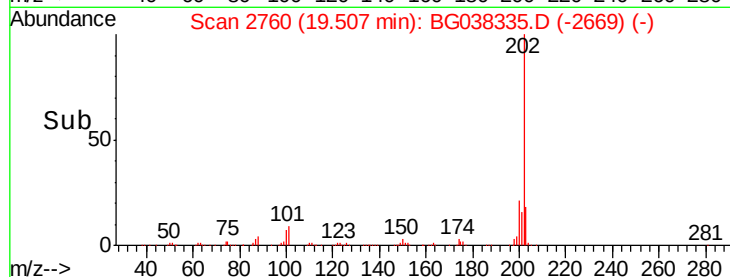
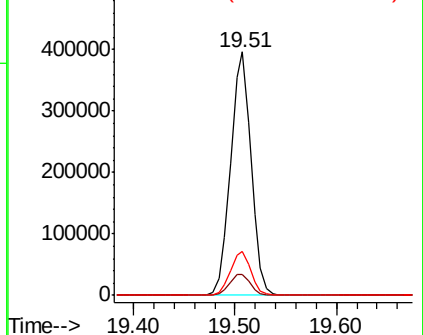
203 18.1 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

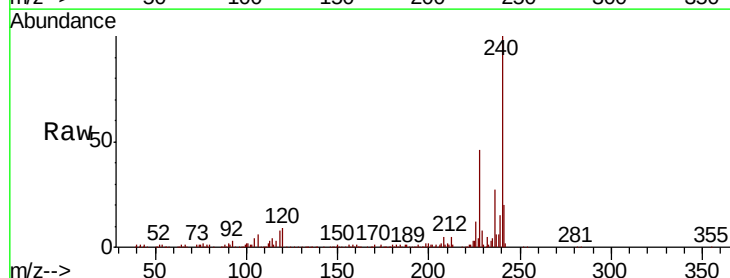
Tgt Ion:240 Resp: 184125

Ion Ratio Lower Upper

240 100

120 9.2 8.1 12.1

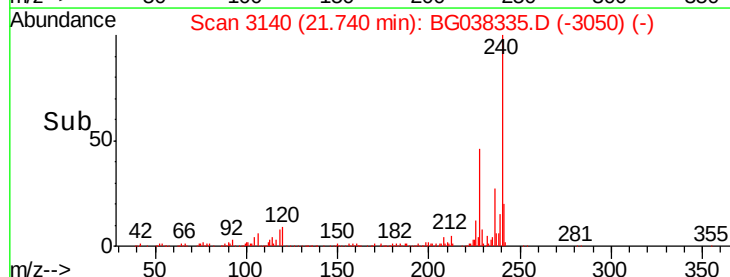
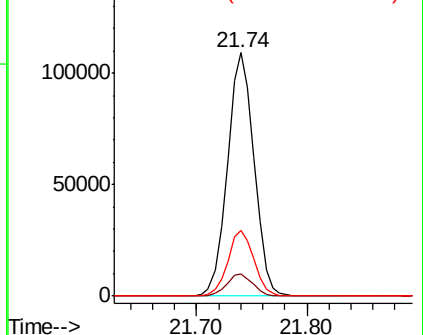
236 27.0 21.4 32.0

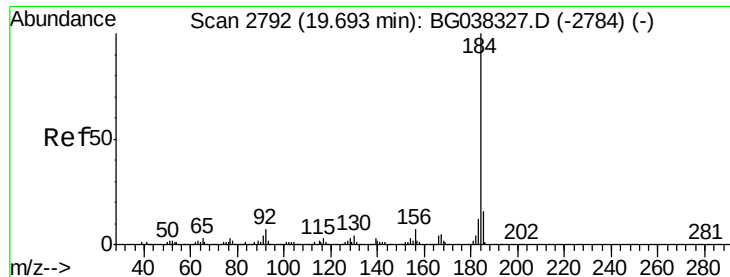


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 16.612 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMS

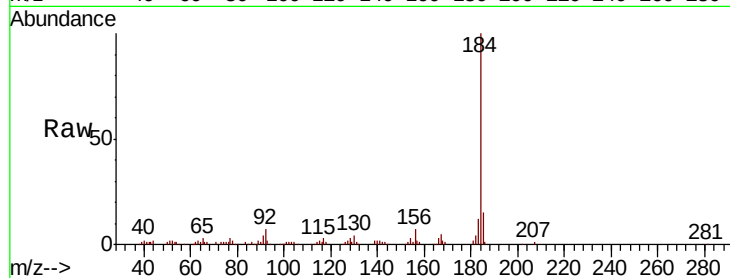
Tgt Ion:184 Resp: 103212

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

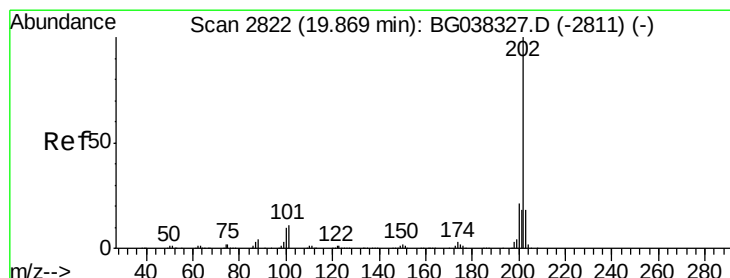
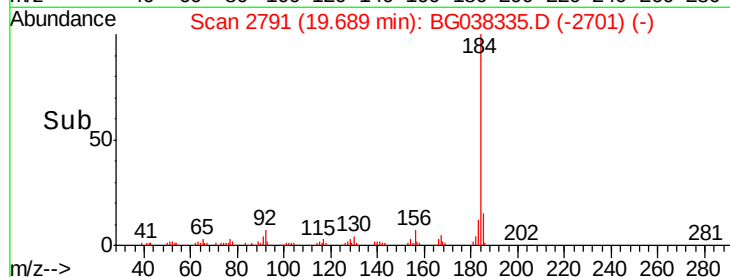
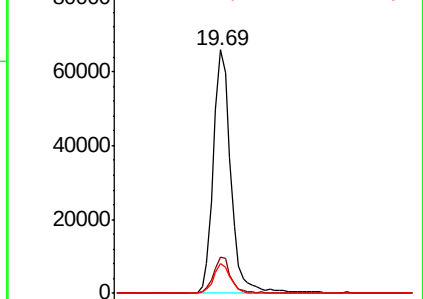
183 12.3 10.2 15.2



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: 43.631 ng

RT: 19.87 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

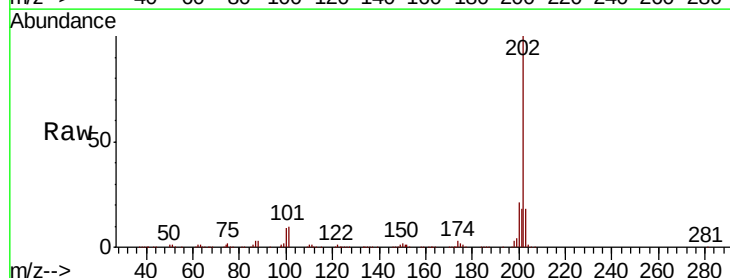
Tgt Ion:202 Resp: 562089

Ion Ratio Lower Upper

202 100

200 20.7 17.8 26.6

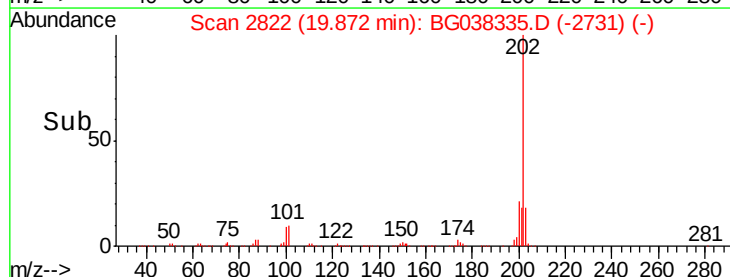
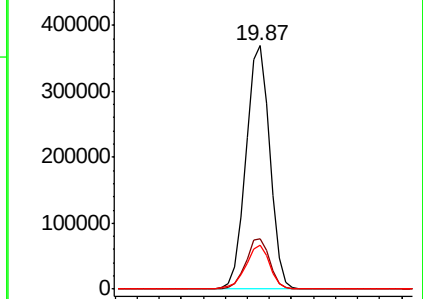
203 17.9 15.2 22.8

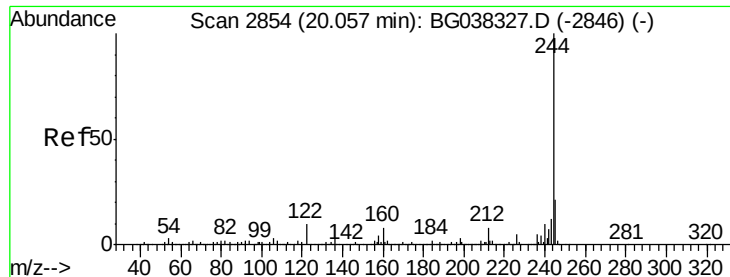


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.729 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMS

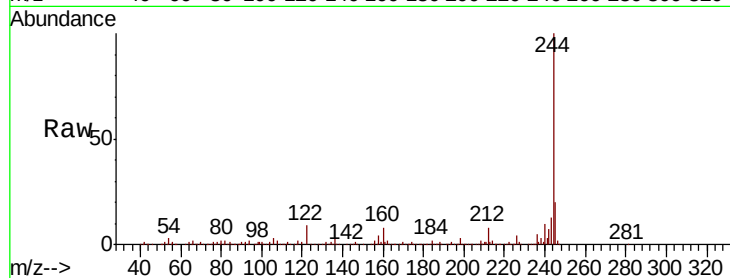
Tgt Ion:244 Resp: 711045

Ion Ratio Lower Upper

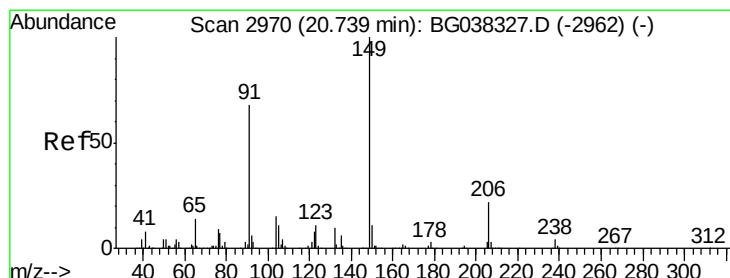
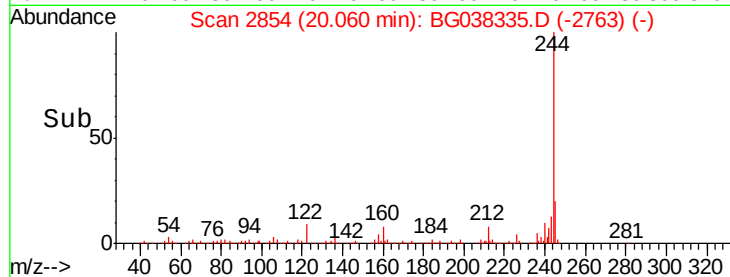
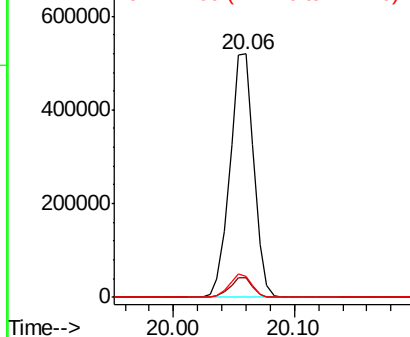
244 100

212 7.9 6.5 9.7

122 8.7 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: 44.221 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

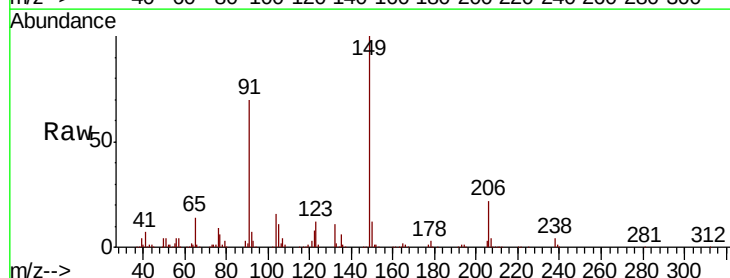
Tgt Ion:149 Resp: 229131

Ion Ratio Lower Upper

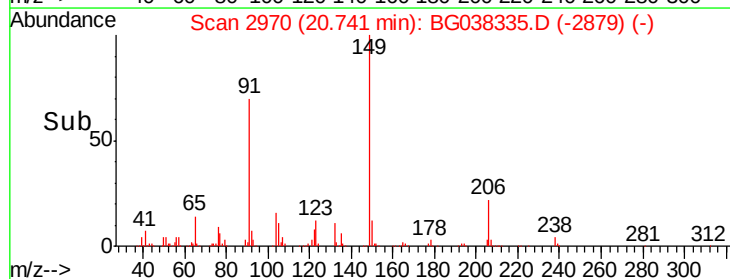
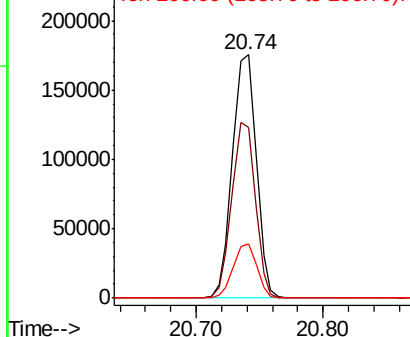
149 100

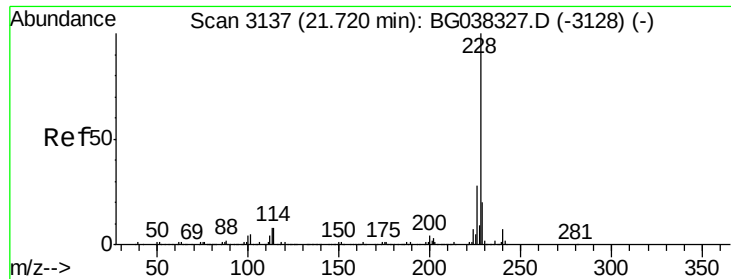
91 70.2 57.0 85.4

206 22.2 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: 46.208 ng

RT: 21.72 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMS

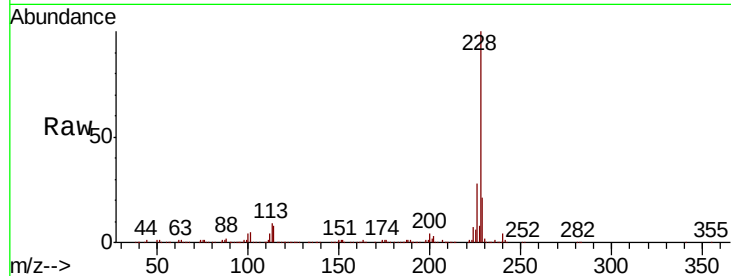
Tgt Ion:228 Resp: 522907

Ion Ratio Lower Upper

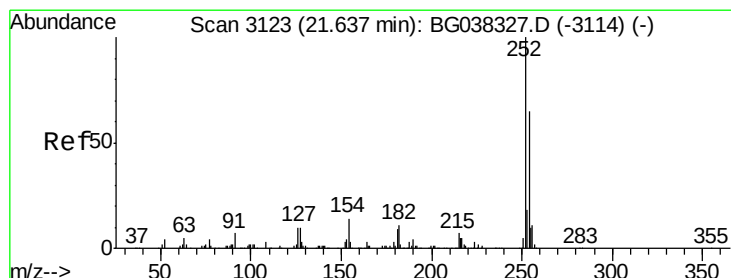
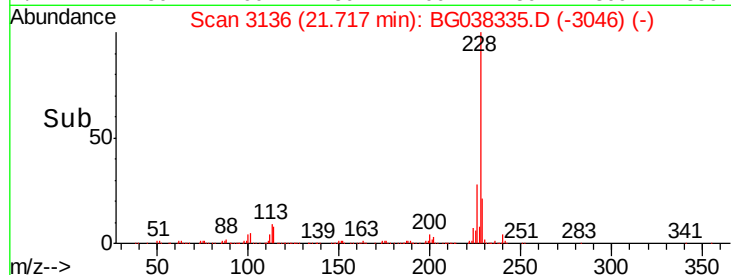
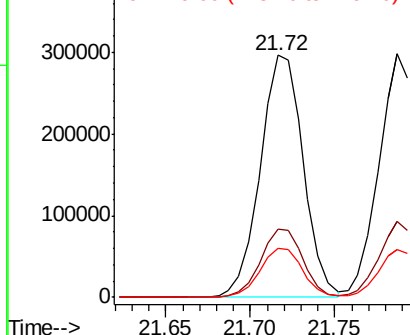
228 100

226 28.4 22.6 33.8

229 20.5 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: 19.240 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

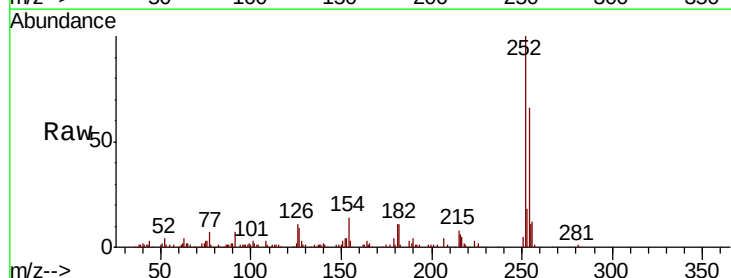
Tgt Ion:252 Resp: 84697

Ion Ratio Lower Upper

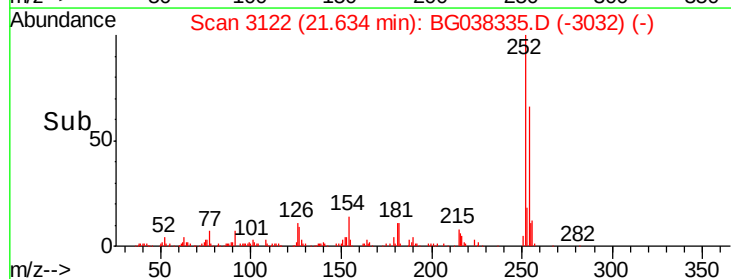
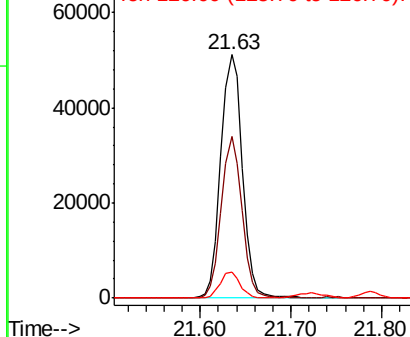
252 100

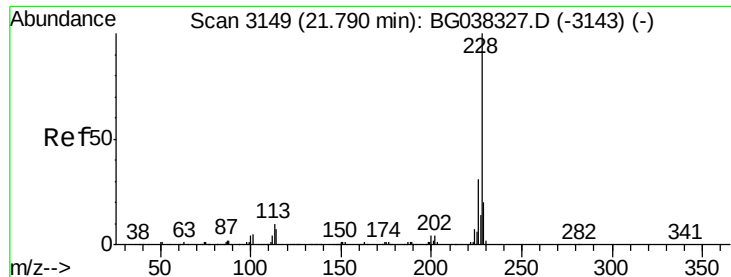
254 66.2 52.0 78.0

126 10.8 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: 45.301 ng

RT: 21.79 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMS

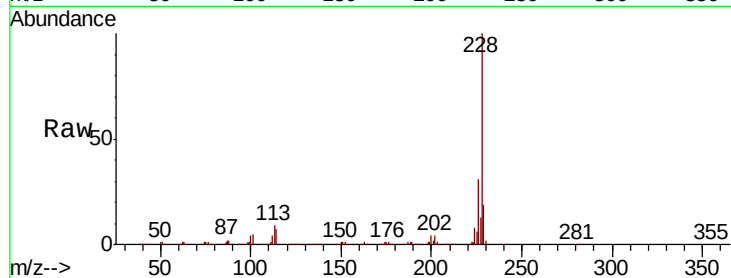
Tgt Ion:228 Resp: 485126

Ion Ratio Lower Upper

228 100

226 31.0 25.7 38.5

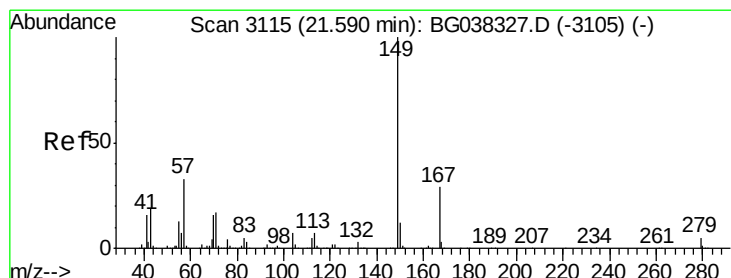
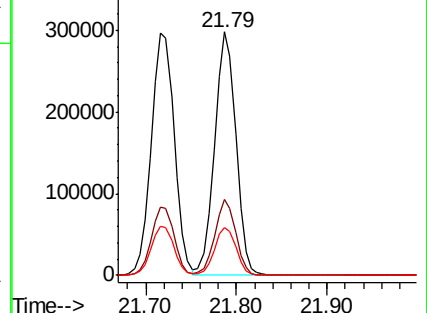
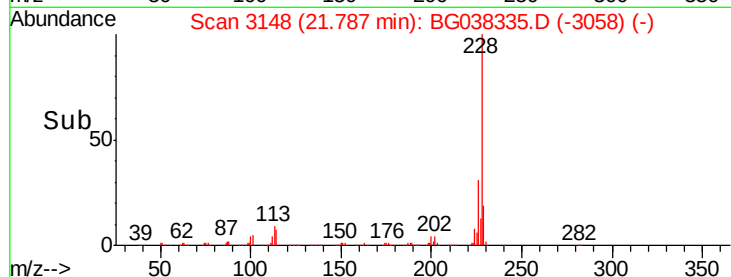
229 19.4 16.5 24.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.672 ng

RT: 21.59 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

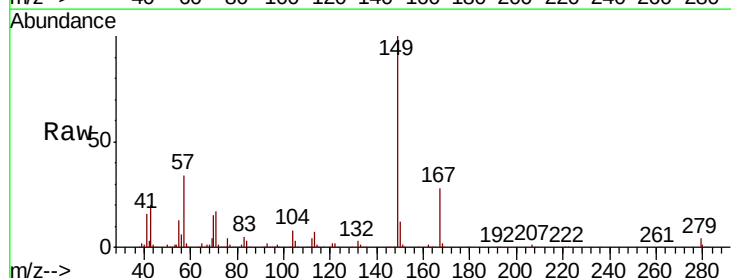
Tgt Ion:149 Resp: 320736

Ion Ratio Lower Upper

149 100

167 27.6 23.0 34.4

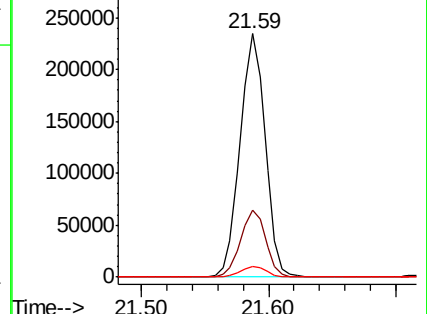
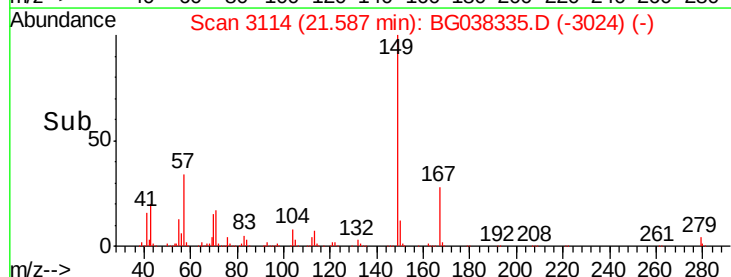
279 4.4 3.6 5.4

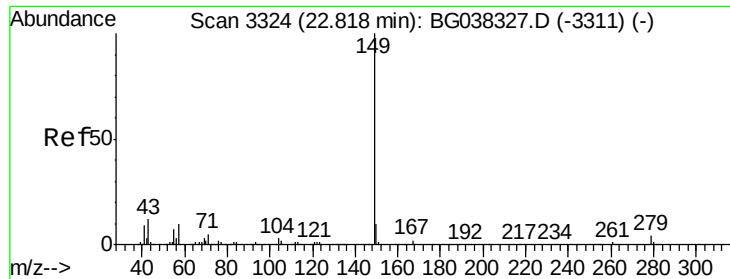


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

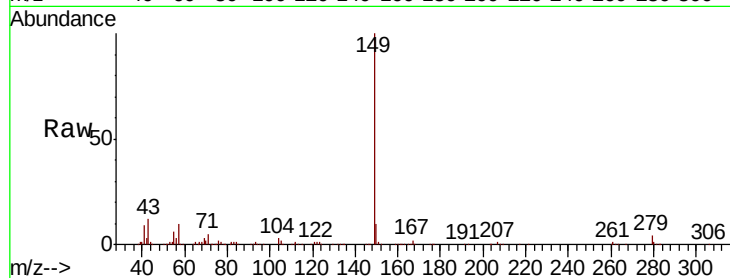




#85
Di-n-octyl phthalate
Concen: 43.498 ng
RT: 22.82 min Scan# 3324
Delta R.T. 0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.0	8.7	13.1

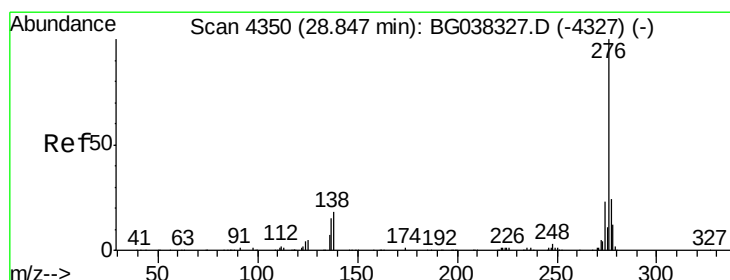
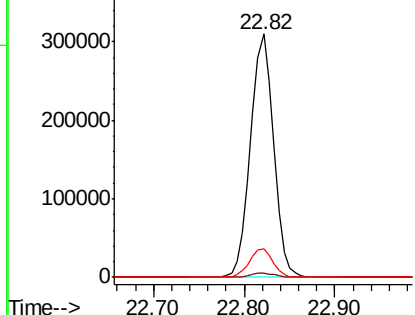
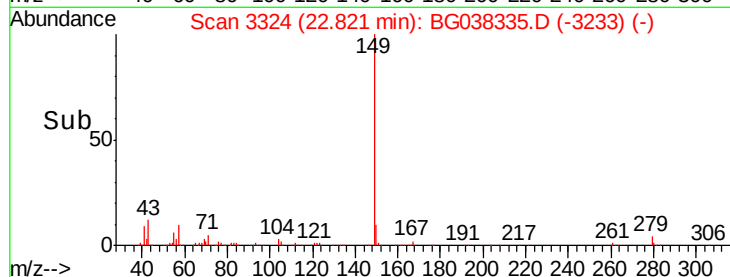


Abundance

Ion 149.00 (148.70 to 149.70): E

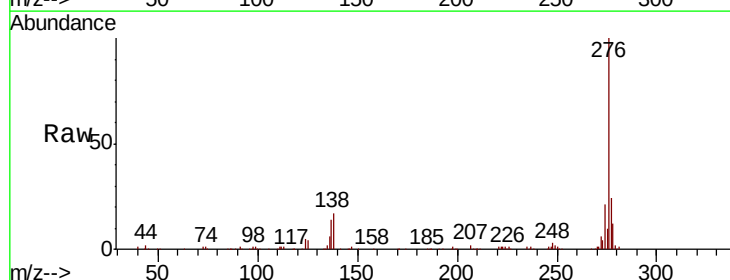
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.092 ng
RT: 28.84 min Scan# 4349
Delta R.T. -0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	12.0	18.0
277	25.0	20.6	30.8

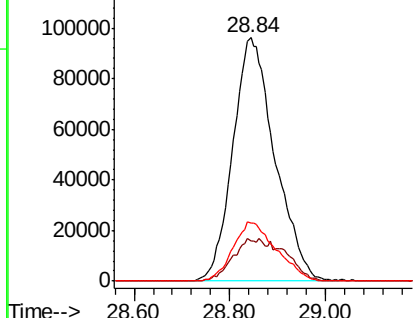
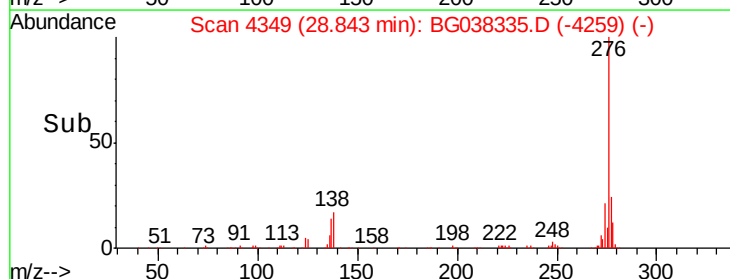


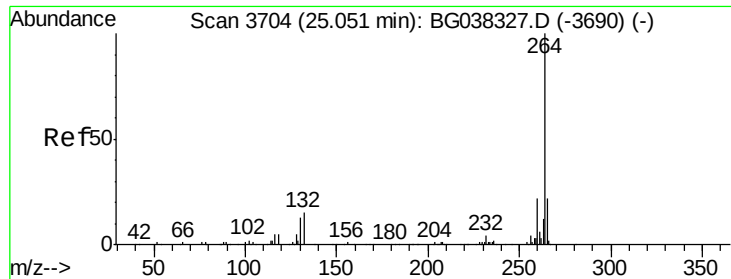
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

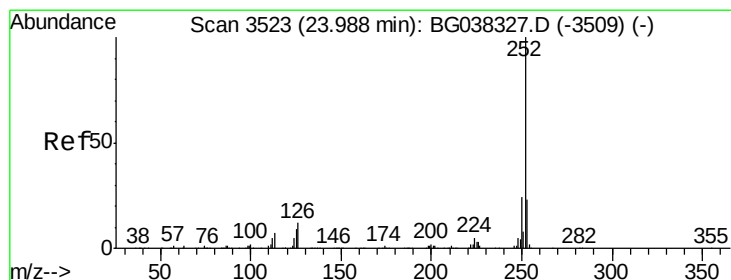
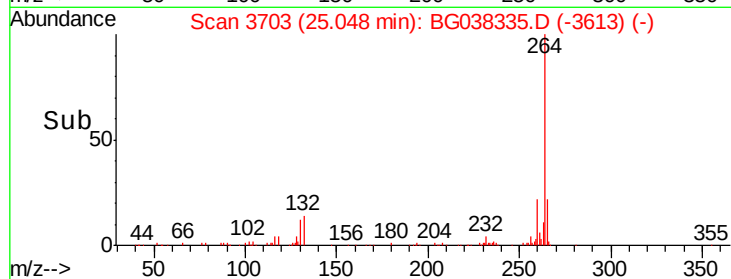
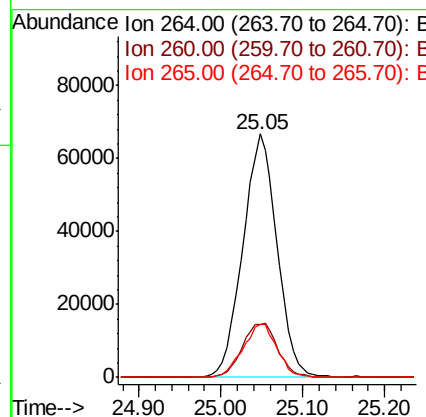
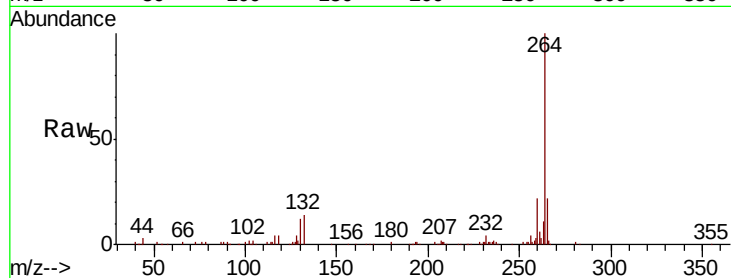




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3703
Delta R.T. -0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

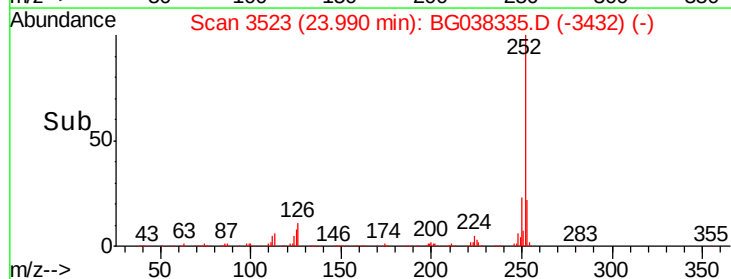
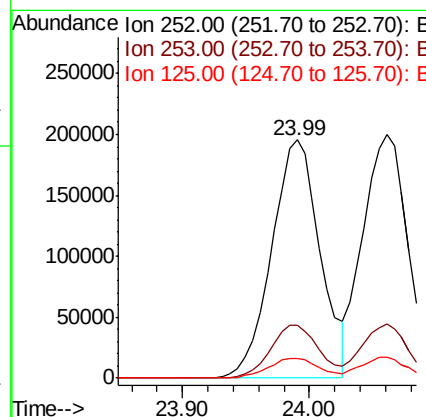
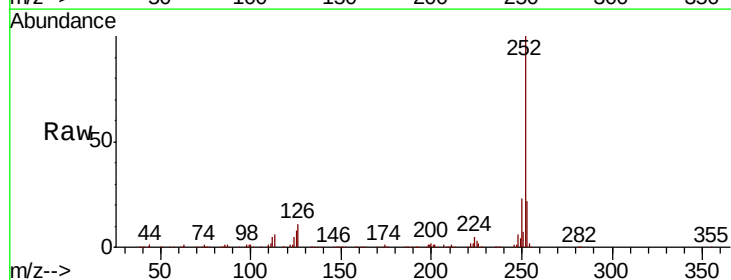
Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

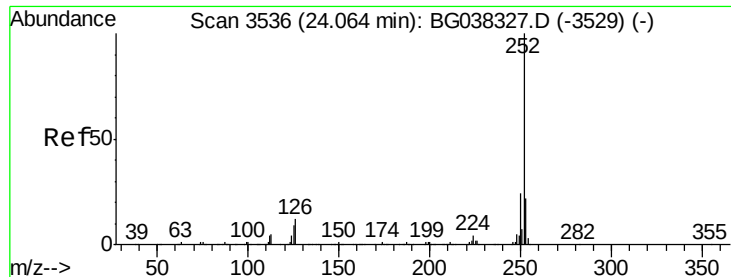
Tgt Ion:264 Resp: 193897
Ion Ratio Lower Upper
264 100
260 22.0 18.2 27.4
265 21.5 17.9 26.9



#88
Benzo(b)fluoranthene
Concen: 47.359 ng
RT: 23.99 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Tgt Ion:252 Resp: 518859
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 8.0 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 45.125 ng

RT: 24.06 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMS

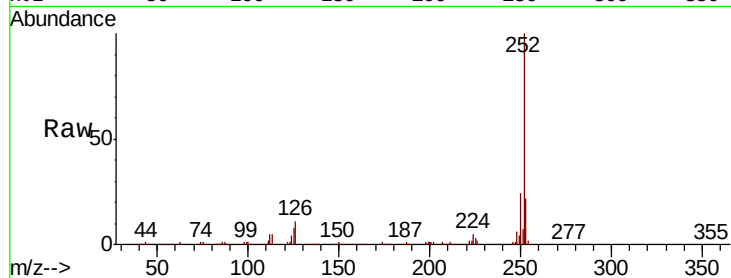
Tgt Ion:252 Resp: 492386

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

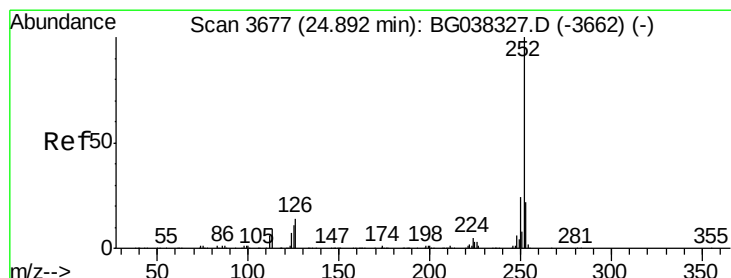
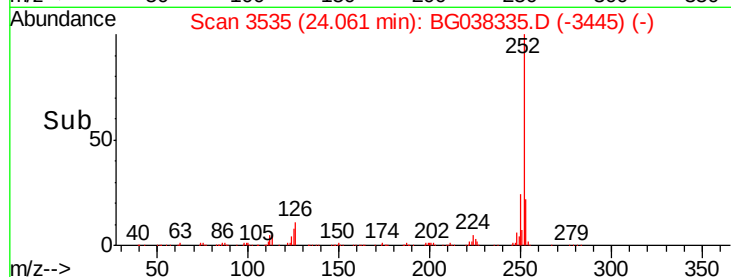
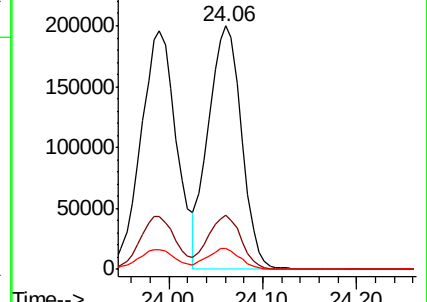
125 8.4 7.4 11.0



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: 46.758 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.00 min

Lab File: BG038335.D

Acq: 4 Dec 2018 21:56

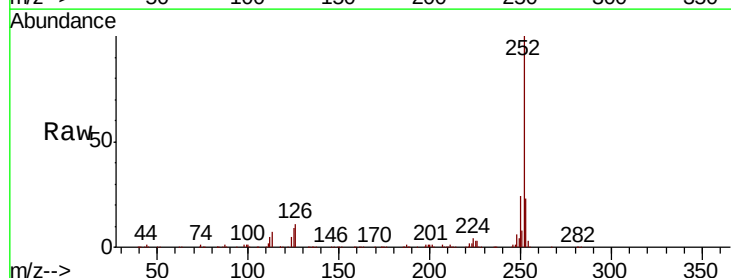
Tgt Ion:252 Resp: 496894

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

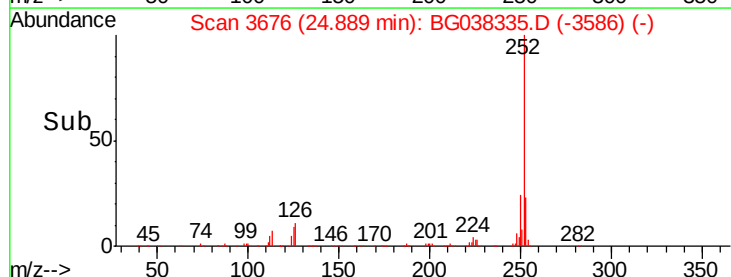
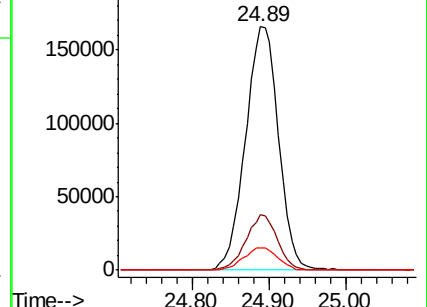
125 9.1 9.0 13.6

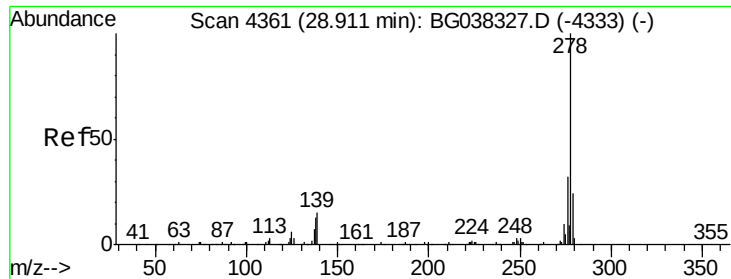


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

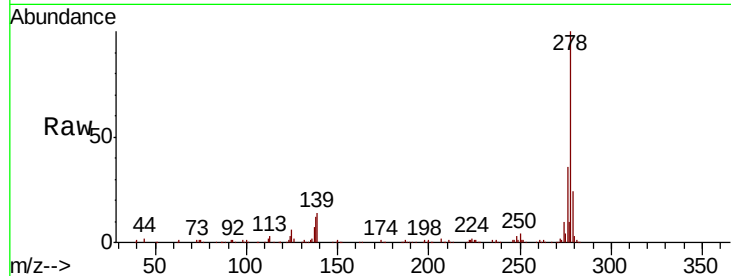




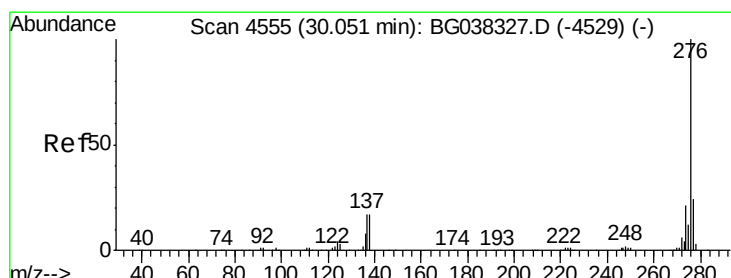
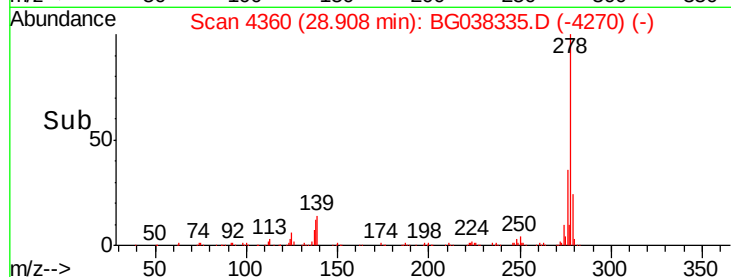
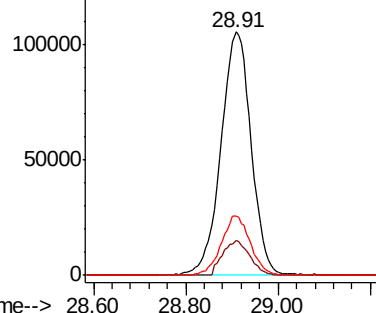
#91
Dibenzo(a,h)anthracene
Concen: 47.528 ng
RT: 28.91 min Scan# 4360
Delta R.T. -0.00 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.5	17.3
279	24.1	18.6	27.8

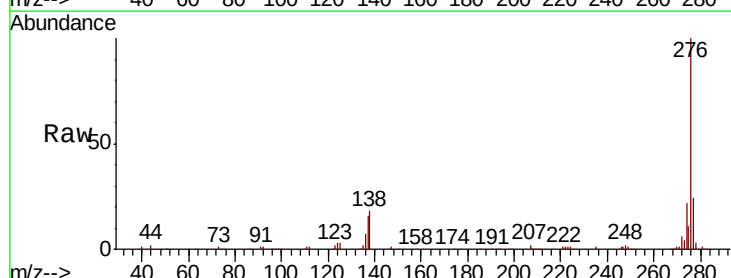


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.114 ng
RT: 30.04 min Scan# 4553
Delta R.T. -0.01 min
Lab File: BG038335.D
Acq: 4 Dec 2018 21:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	18.1	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

