

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120418\
 Data File : BG038336.D
 Acq On : 4 Dec 2018 22:36
 Operator : JU/SJ
 Sample : J5764-22MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Dec 05 02:41:22 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	28503	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	121562	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	80450	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	247381	20.00	ng	0.00
76) Chrysene-d12	21.74	240	185435	20.00	ng	0.00
87) Perylene-d12	25.05	264	199805	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	186303	115.67	ng	0.00
7) Phenol-d6	7.22	99	243470	104.59	ng	0.00
23) Nitrobenzene-d5	9.25	82	216972	88.61	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	129713	131.34	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	431903	76.50	ng	0.00
79) Terphenyl-d14	20.06	244	760745	87.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	23375	31.665	ng	# 1
3) Pyridine	3.92	79	75666	34.262	ng	98
4) n-Nitrosodimethylamine	3.83	42	49933	51.617	ng	96
6) Aniline	7.40	93	56305	18.937	ng	98
8) 2-Chlorophenol	7.63	128	87075	46.549	ng	97
9) Benzaldehyde	7.21	77	45766	31.046	ng	97
10) Phenol	7.25	94	95708	38.911	ng	88
11) bis(2-Chloroethyl)ether	7.49	93	82832	41.120	ng	96
12) 1,3-Dichlorobenzene	7.96	146	88327	40.401	ng	99
13) 1,4-Dichlorobenzene	8.11	146	88988	39.339	ng	99
14) 1,2-Dichlorobenzene	8.43	146	86977	42.201	ng	100
15) Benzyl Alcohol	8.31	79	83365	43.558	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.60	45	185204	40.420	ng	97
17) 2-Methylphenol	8.51	107	76722	45.333	ng	97
18) Hexachloroethane	9.15	117	36829	45.110	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	71560	42.173	ng	94
20) 3+4-Methylphenols	8.84	107	105513	42.581	ng	98
22) Acetophenone	8.90	105	133873	46.015	ng	# 97
24) Nitrobenzene	9.29	77	122821	49.373	ng	98
25) Isophorone	9.81	82	260676	60.581	ng	98
26) 2-Nitrophenol	10.00	139	56717	49.206	ng	91
27) 2,4-Dimethylphenol	10.05	122	97543	58.919	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	121412	49.220	ng	99
29) 2,4-Dichlorophenol	10.53	162	94404	49.954	ng	97
30) 1,2,4-Trichlorobenzene	10.75	180	92727	41.798	ng	99
31) Naphthalene	10.95	128	277886	47.856	ng	99
32) Benzoic acid	10.18	122	43638	38.206	ng	95
33) 4-Chloroaniline	11.07	127	10542	4.101	ng	99
34) Hexachlorobutadiene	11.20	225	56769	40.904	ng	96
35) Caprolactam	11.84	113	20349	26.038	ng	93
36) 4-Chloro-3-methylphenol	12.16	107	139645	66.506	ng	99
37) 2-Methylnaphthalene	12.54	142	210158	50.821	ng	97
38) 1-Methylnaphthalene	12.76	142	201656	50.915	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	114516	41.367	ng	98

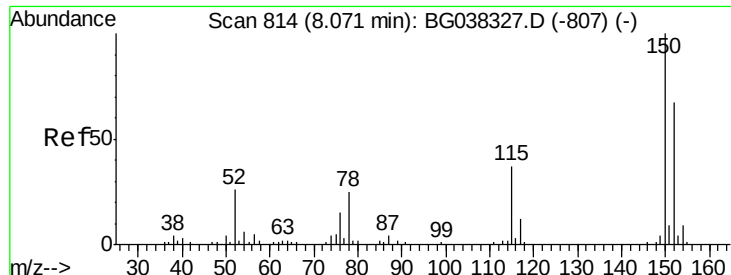
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120418\
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 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	131597	86.504	ng	97
43) 2,4,6-Trichlorophenol	13.14	196	84099	46.897	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	94248	49.611	ng	97
46) 1,1'-Biphenyl	13.54	154	279937	41.165	ng	99
47) 2-Chloronaphthalene	13.59	162	219447	42.765	ng	99
48) 2-Nitroaniline	13.80	65	81509	47.345	ng	98
49) Acenaphthylene	14.44	152	374265	48.427	ng	99
50) Dimethylphthalate	14.16	163	311130	48.216	ng	100
51) 2,6-Dinitrotoluene	14.29	165	71349	48.405	ng	96
52) Acenaphthene	14.78	154	216578	45.968	ng	97
53) 3-Nitroaniline	14.62	138	21623	13.621	ng #	93
54) 2,4-Dinitrophenol	14.83	184	93940	116.260	ng #	82
55) Dibenzofuran	15.11	168	353718	45.412	ng	98
56) 4-Nitrophenol	14.92	139	106041	84.560	ng	85
57) 2,4-Dinitrotoluene	15.08	165	100676	49.521	ng #	97
58) Fluorene	15.76	166	291496	50.797	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	85603	51.882	ng	98
60) Diethylphthalate	15.51	149	328068	45.891	ng	98
61) 4-Chlorophenyl-phenylether	15.74	204	159964	46.409	ng	99
62) 4-Nitroaniline	15.79	138	72528	46.451	ng	92
63) Azobenzene	16.03	77	294556	47.080	ng	96
65) 4,6-Dinitro-2-methylphenol	15.83	198	63871	39.405	ng	94
66) n-Nitrosodiphenylamine	15.96	169	267954	38.519	ng	98
67) 4-Bromophenyl-phenylether	16.64	248	100981	37.800	ng	98
68) Hexachlorobenzene	16.75	284	104103	37.780	ng	99
69) Atrazine	16.90	200	111377	42.907	ng	97
70) Pentachlorophenol	17.10	266	157674	83.543	ng	97
71) Phenanthrene	17.50	178	559644	45.174	ng	99
72) Anthracene	17.59	178	520965	43.424	ng	99
73) Carbazole	17.87	167	466101	39.144	ng	99
74) Di-n-butylphthalate	18.40	149	616816	44.341	ng	98
75) Fluoranthene	19.51	202	604907	41.792	ng	97
77) Benzidine	19.69	184	63937	10.218	ng	99
78) Pyrene	19.87	202	603922	46.547	ng	99
80) Butylbenzylphthalate	20.74	149	249209	47.756	ng	97
81) Benzo(a)anthracene	21.72	228	566891	49.740	ng	99
82) 3,3'-Dichlorobenzidine	21.63	252	85329	19.246	ng	96
83) Chrysene	21.79	228	525867	48.759	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	349371	47.235	ng	98
85) Di-n-octyl phthalate	22.82	149	790658	62.342	ng	99
86) Indeno(1,2,3-cd)pyrene	28.85	276	725381	59.181	ng	97
88) Benzo(b)fluoranthene	23.99	252	561099	49.700	ng	99
89) Benzo(k)fluoranthene	24.06	252	532269	47.338	ng	98
90) Benzo(a)pyrene	24.89	252	539883	49.301	ng #	98
91) Dibenzo(a,h)anthracene	28.91	278	565927	54.488	ng	98
92) Benzo(g,h,i)perylene	30.04	276	525945	51.040	ng	95

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

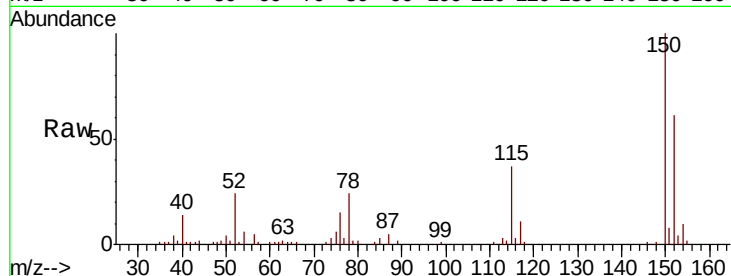


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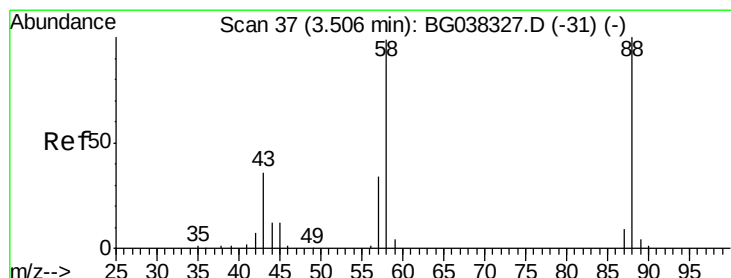
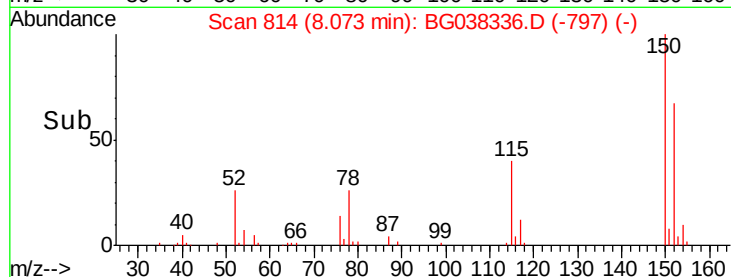
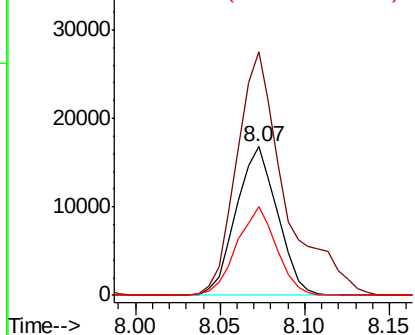
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tgt Ion:152 Resp: 28503
Ion Ratio Lower Upper
152 100
150 163.9 126.0 189.0
115 60.1 45.5 68.3



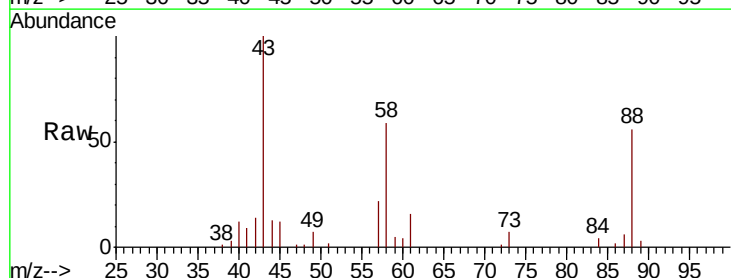
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



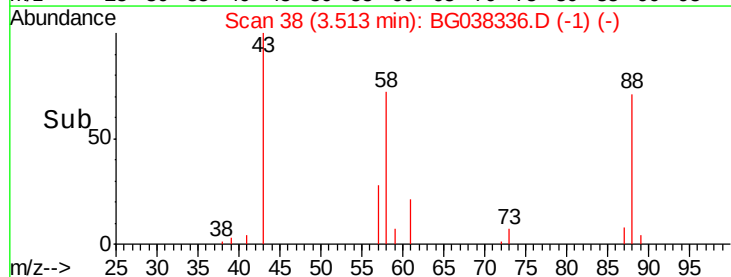
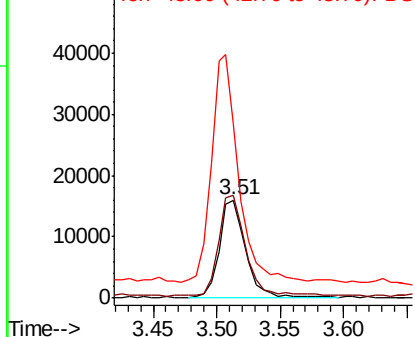
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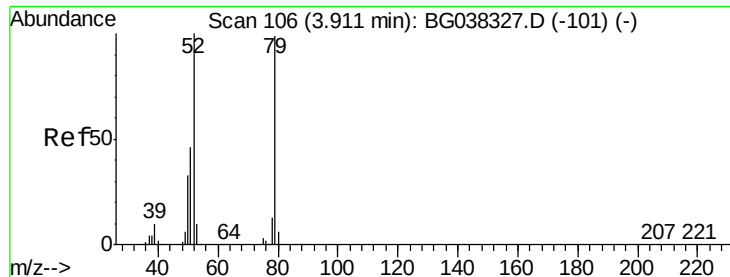
1,4-Dioxane
Concen: 31.665 ng
RT: 3.51 min Scan# 38
Delta R.T. 0.01 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion: 88 Resp: 23375
Ion Ratio Lower Upper
88 100
58 105.2 74.4 111.6
43 235.4 25.8 38.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 34.262 ng

RT: 3.92 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

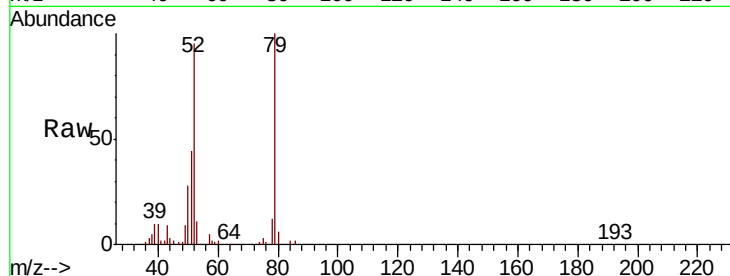
Tgt Ion: 79 Resp: 75666

Ion Ratio Lower Upper

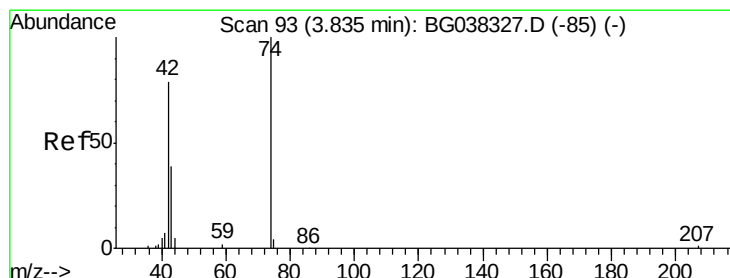
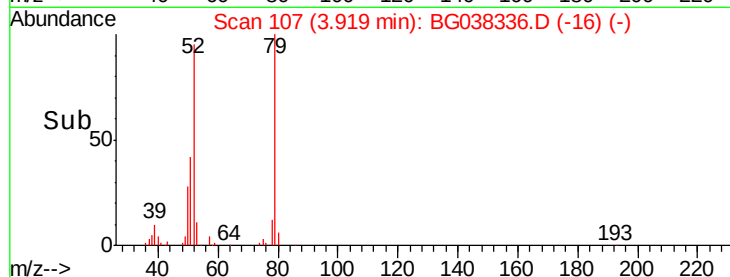
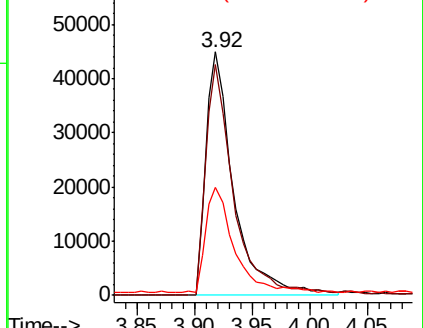
79 100

52 94.9 74.2 111.2

51 44.3 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: 51.617 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

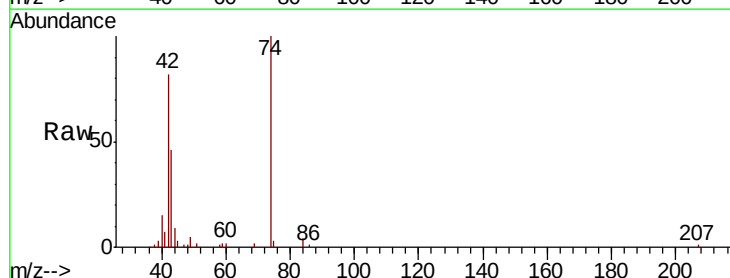
Tgt Ion: 42 Resp: 49933

Ion Ratio Lower Upper

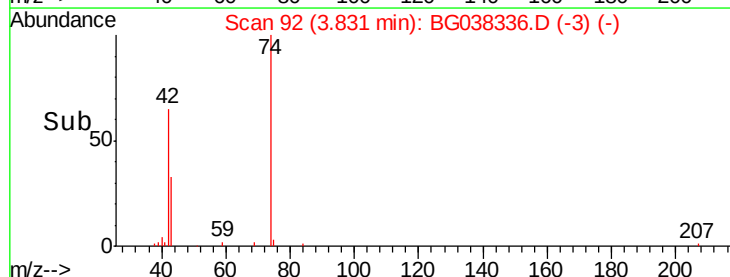
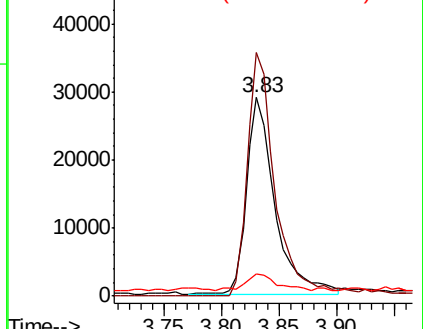
42 100

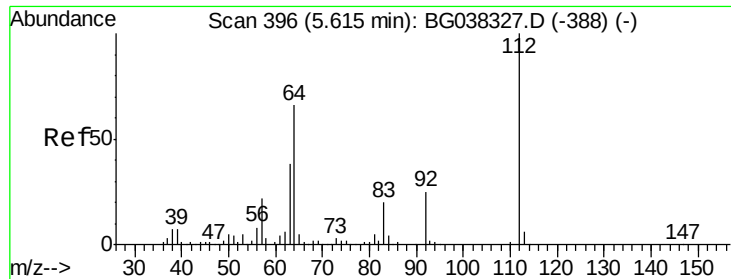
74 122.6 102.0 153.0

44 11.1 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: 115.668 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.01 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

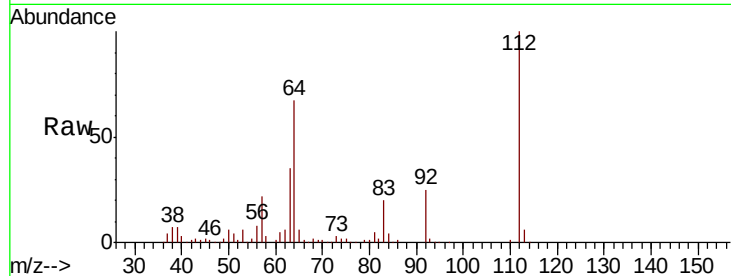
Tgt Ion: 112 Resp: 186303

Ion Ratio Lower Upper

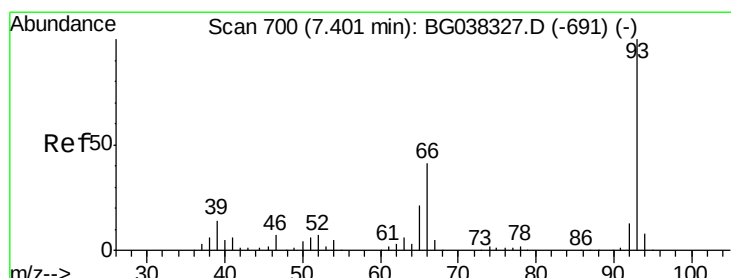
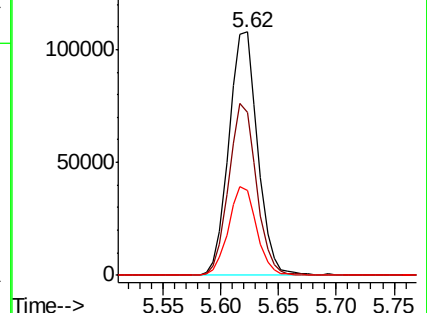
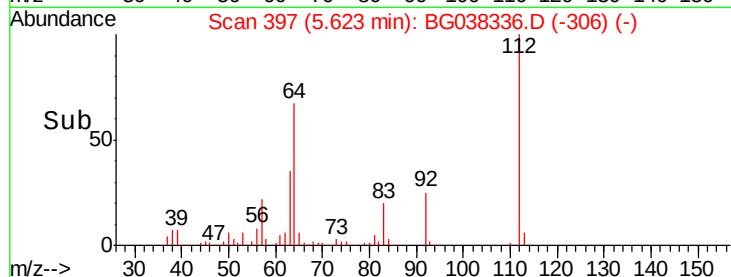
112 100

64 66.8 53.1 79.7

63 35.0 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: 18.937 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

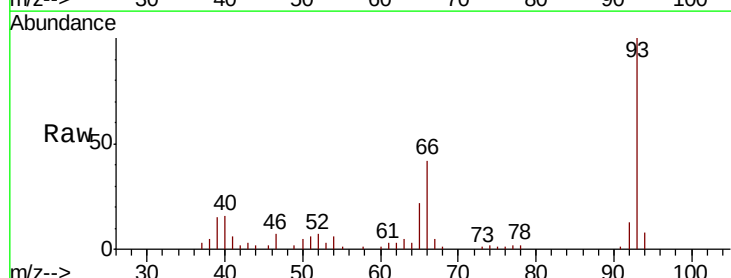
Tgt Ion: 93 Resp: 56305

Ion Ratio Lower Upper

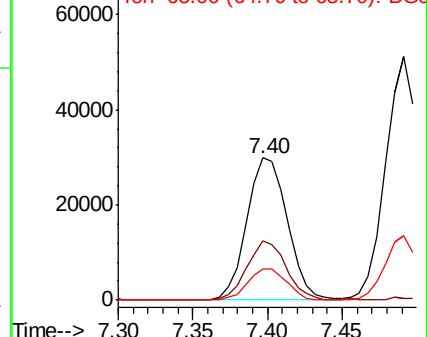
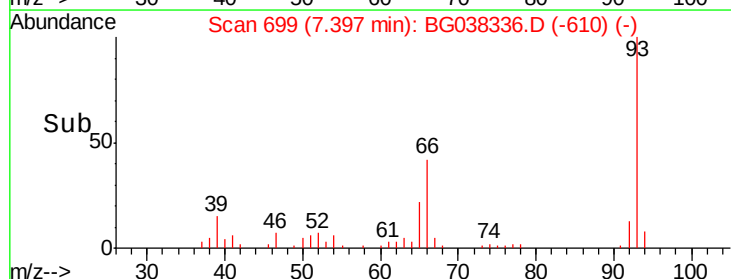
93 100

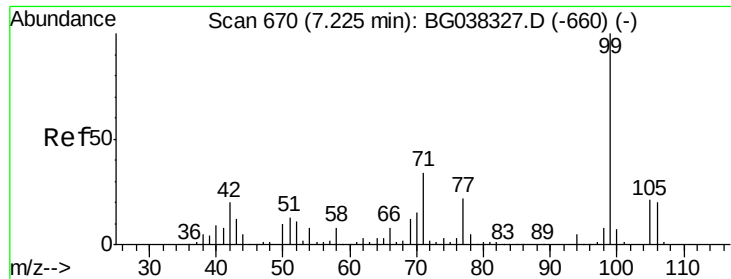
66 41.9 32.8 49.2

65 21.8 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: 104.586 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

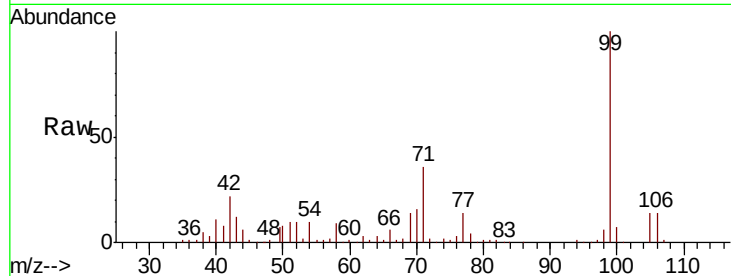
Tgt Ion: 99 Resp: 243470

Ion Ratio Lower Upper

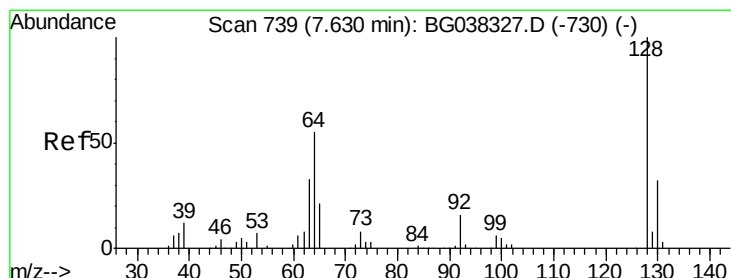
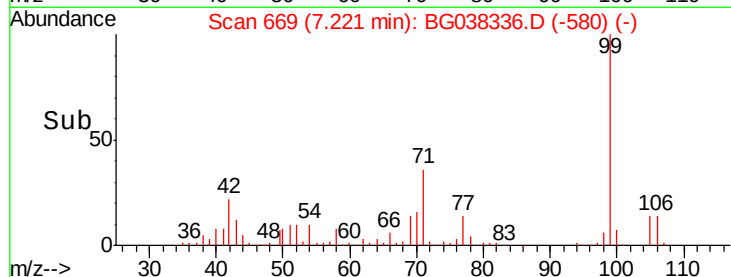
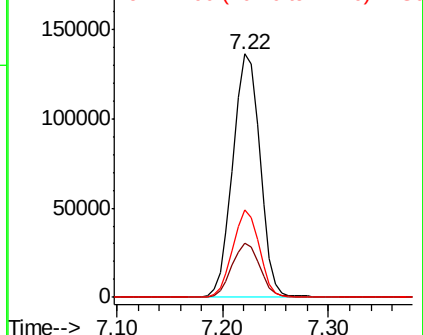
99 100

42 22.1 15.0 22.4

71 35.9 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: 46.549 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

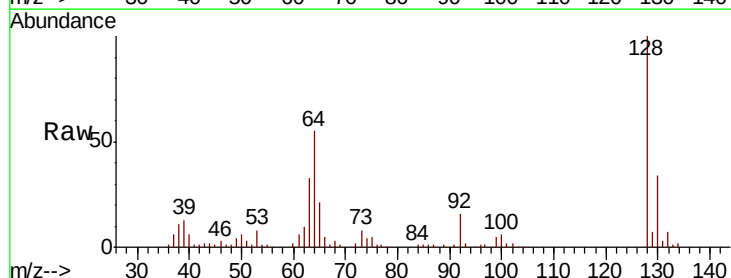
Tgt Ion: 128 Resp: 87075

Ion Ratio Lower Upper

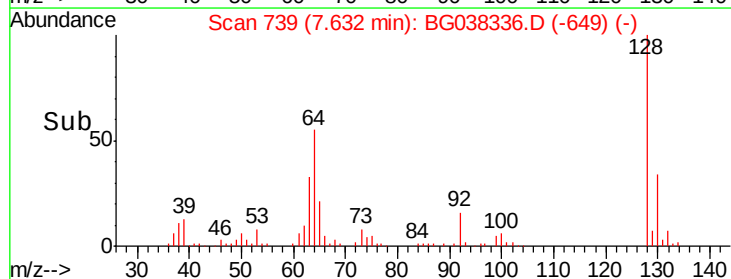
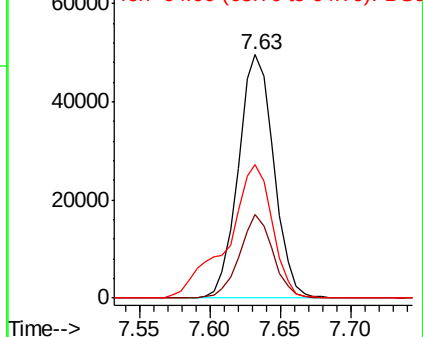
128 100

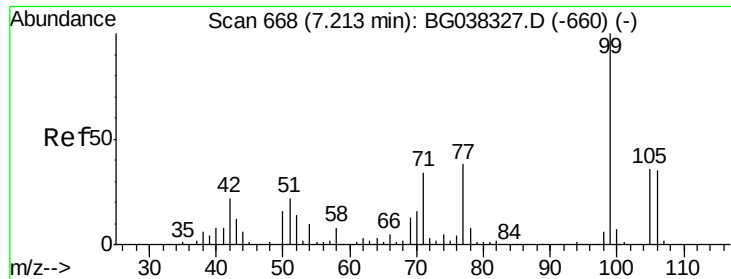
130 34.2 12.0 52.0

64 54.9 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: 31.046 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

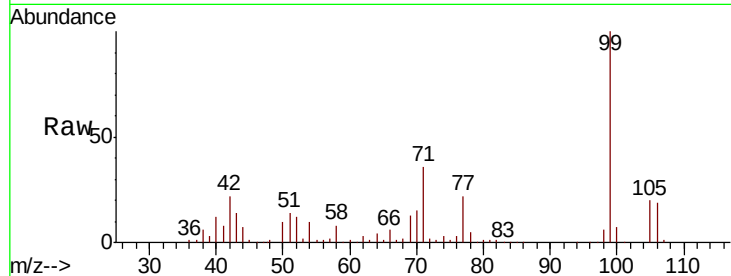
Tgt Ion: 77 Resp: 45766

Ion Ratio Lower Upper

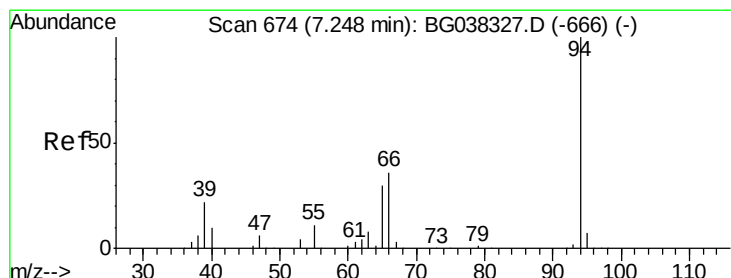
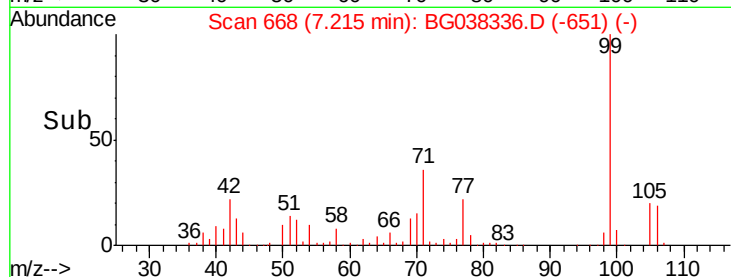
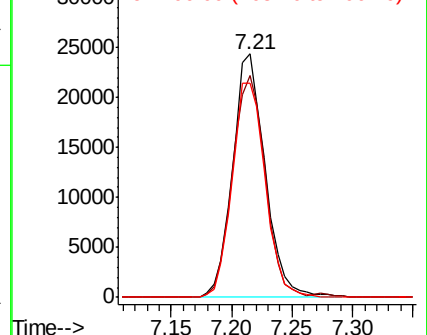
77 100

105 91.2 72.6 112.6

106 87.9 71.3 111.3



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



#10

Phenol

Concen: 38.911 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

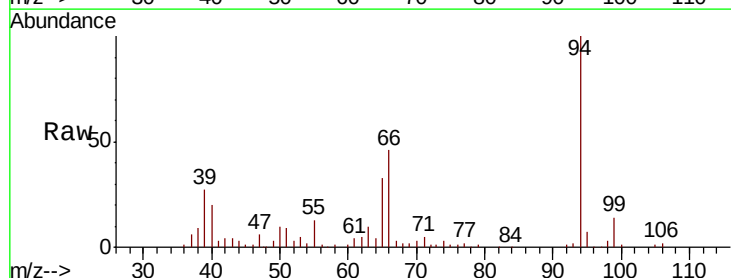
Tgt Ion: 94 Resp: 95708

Ion Ratio Lower Upper

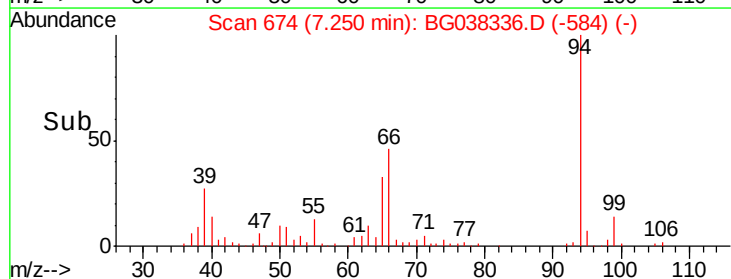
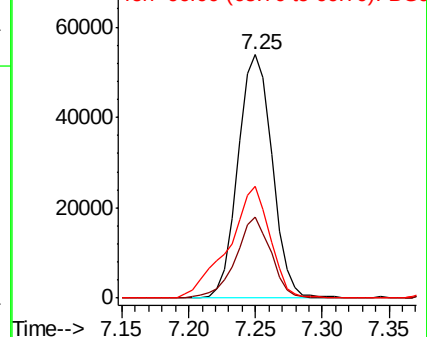
94 100

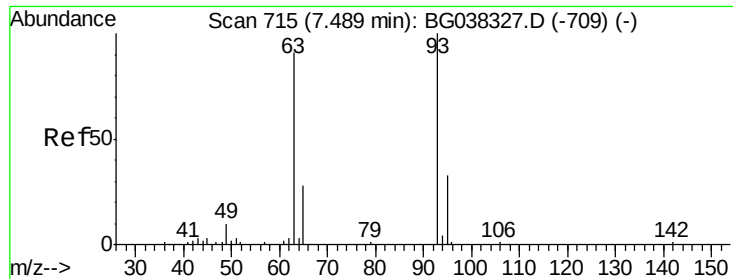
65 33.2 9.7 49.7

66 46.0 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

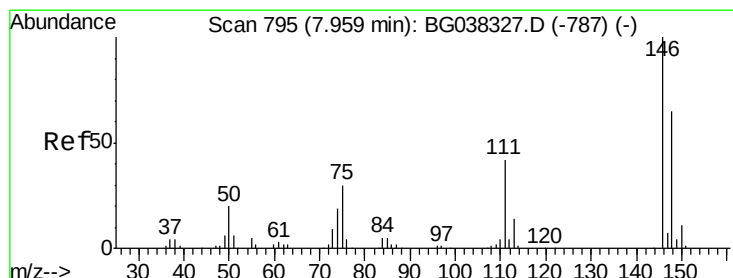
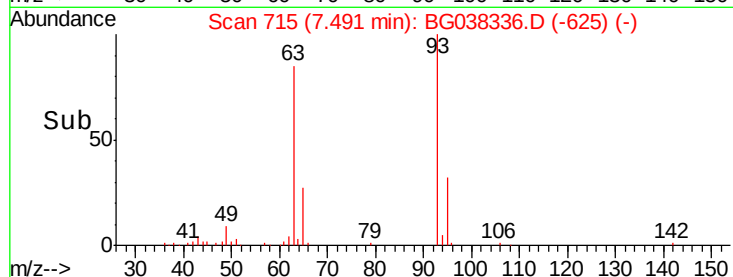
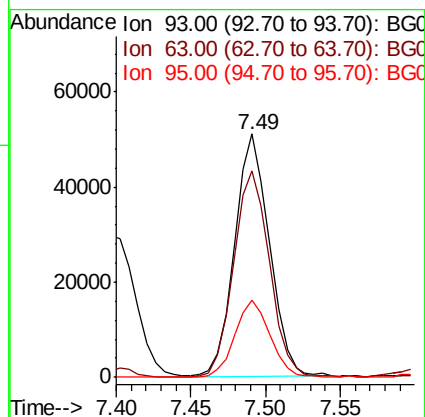
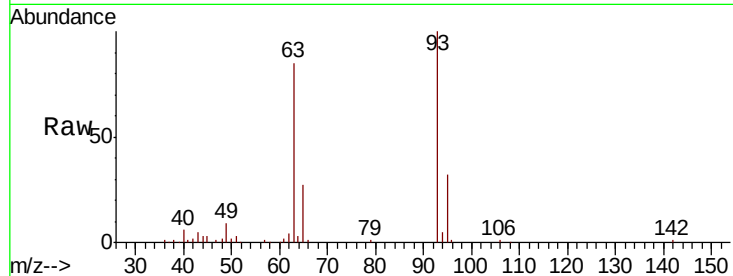




#11
bis(2-Chloroethyl)ether
Concen: 41.120 ng
RT: 7.49 min Scan# 715
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

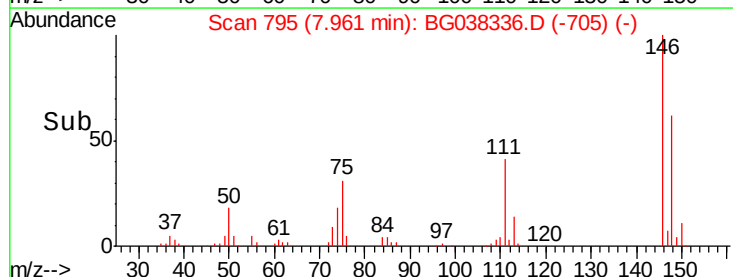
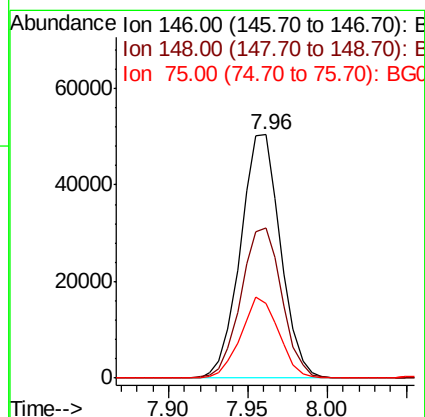
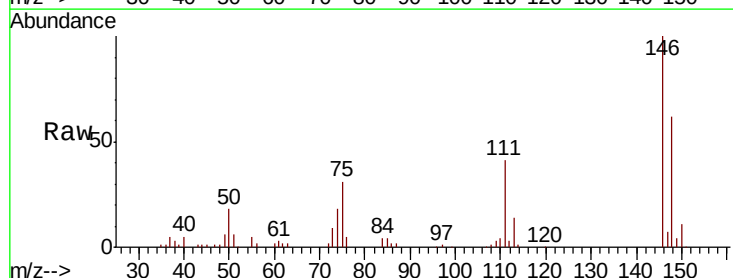
Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMSD

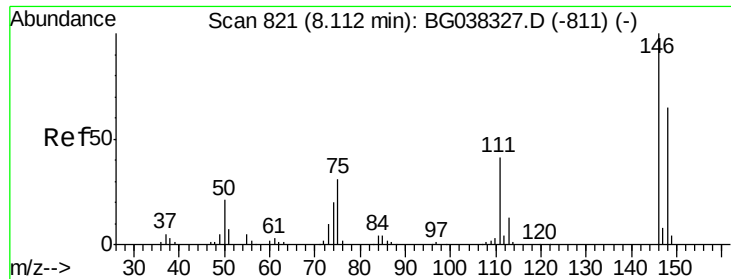
Tgt Ion: 93 Resp: 82832
Ion Ratio Lower Upper
93 100
63 84.6 69.5 109.5
95 31.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.401 ng
RT: 7.96 min Scan# 795
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion: 146 Resp: 88327
Ion Ratio Lower Upper
146 100
148 61.9 49.8 74.8
75 30.6 23.2 34.8

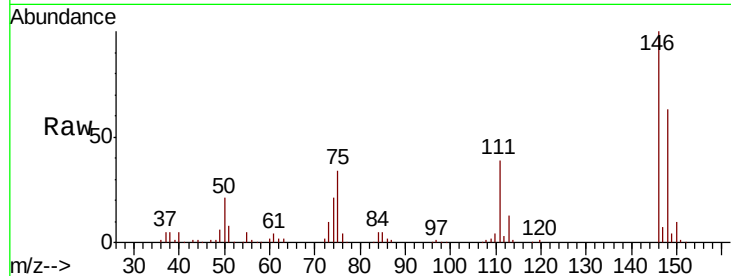




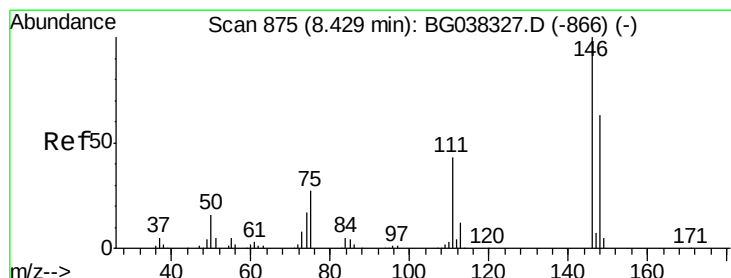
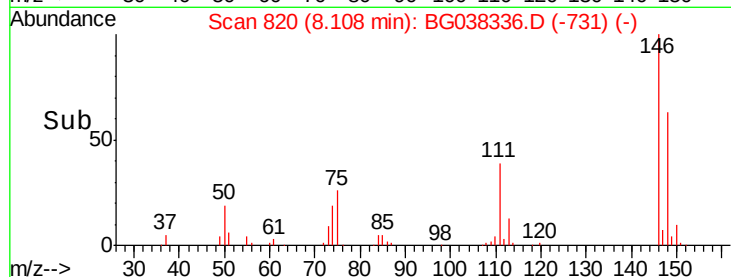
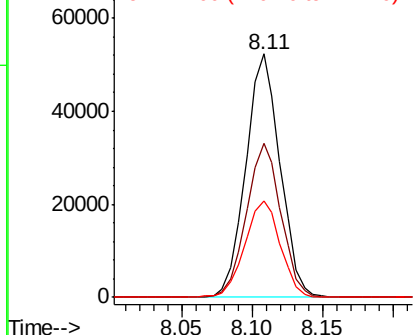
#13
 1,4-Dichlorobenzene
 Concen: 39.339 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

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

Tgt Ion:146 Resp: 88988
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.0 76.6
 111 39.5 32.4 48.6

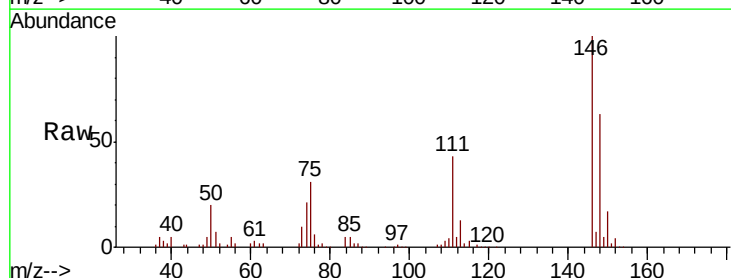


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

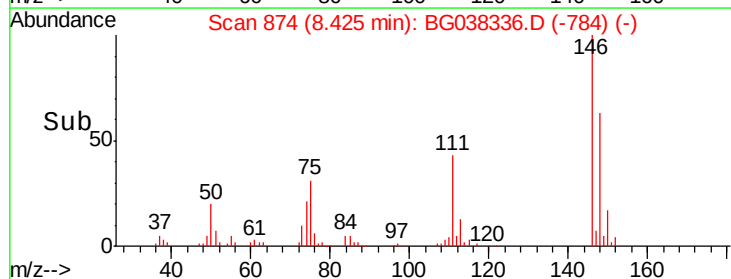
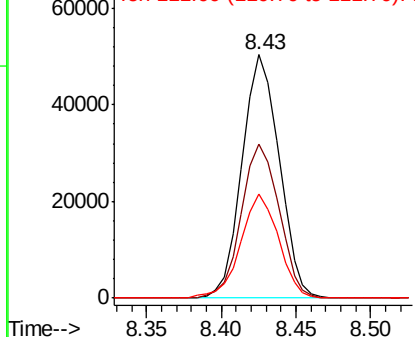


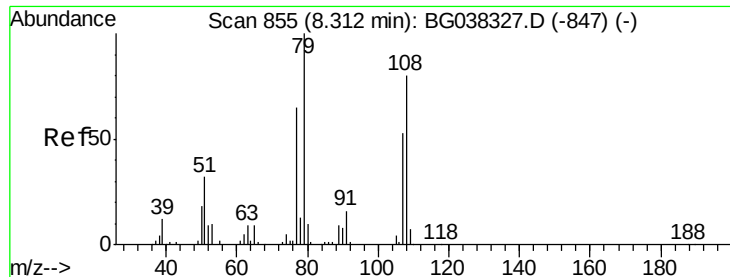
#14
 1,2-Dichlorobenzene
 Concen: 42.201 ng
 RT: 8.43 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

Tgt Ion:146 Resp: 86977
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.4 75.6
 111 42.6 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: 43.558 ng

RT: 8.31 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

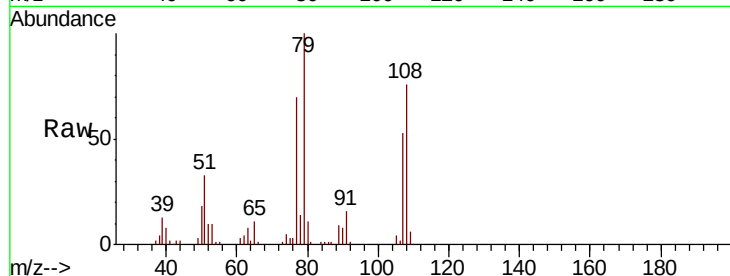
Tgt Ion: 79 Resp: 83365

Ion Ratio Lower Upper

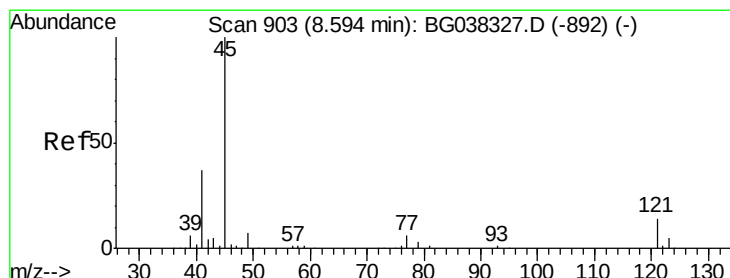
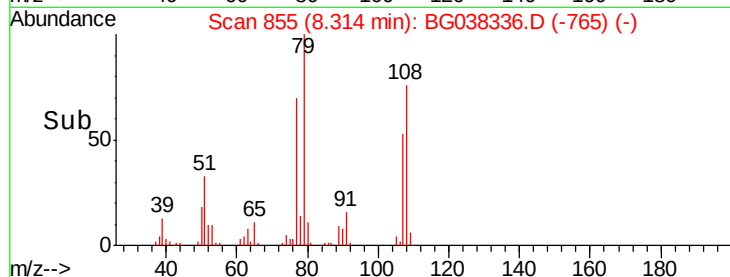
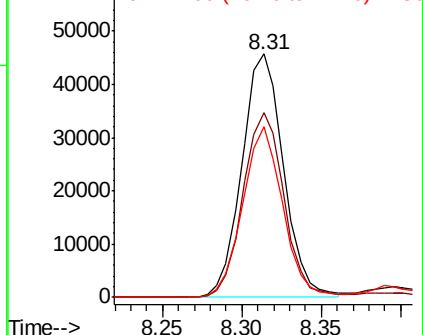
79 100

108 76.0 65.8 98.8

77 70.0 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: 40.420 ng

RT: 8.60 min Scan# 903

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

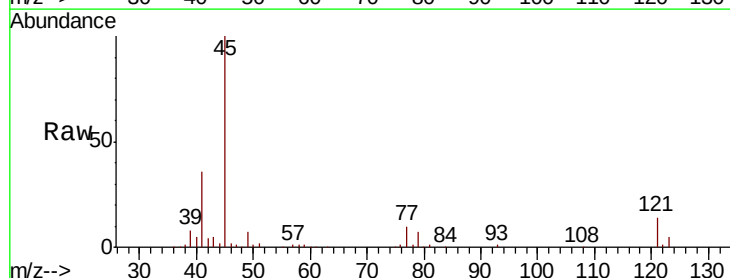
Tgt Ion: 45 Resp: 185204

Ion Ratio Lower Upper

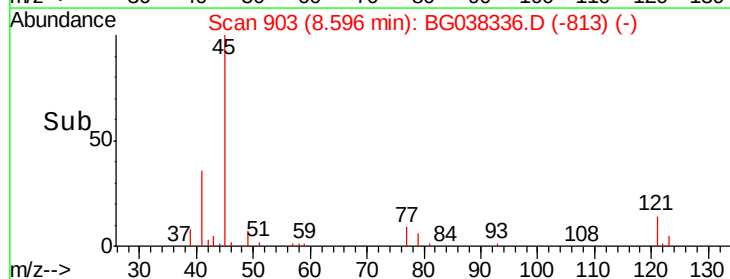
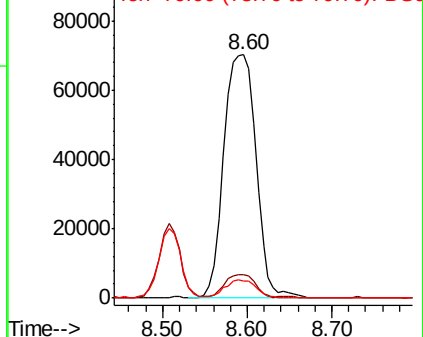
45 100

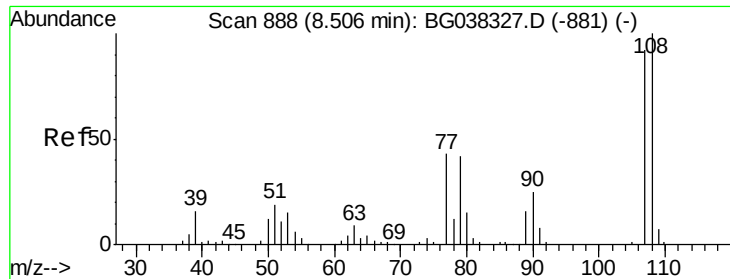
77 9.5 0.0 30.0

79 7.0 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

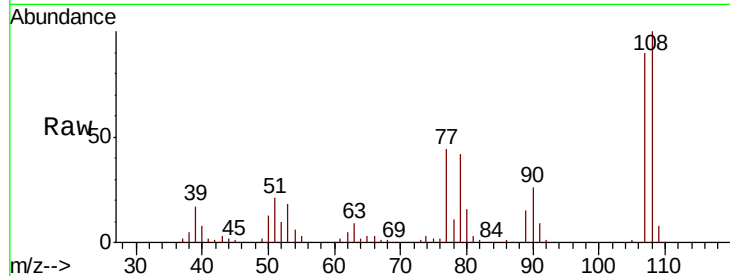




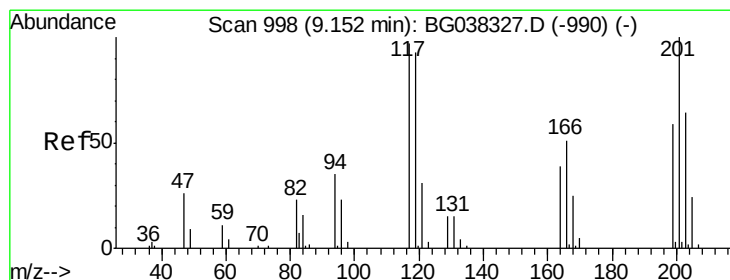
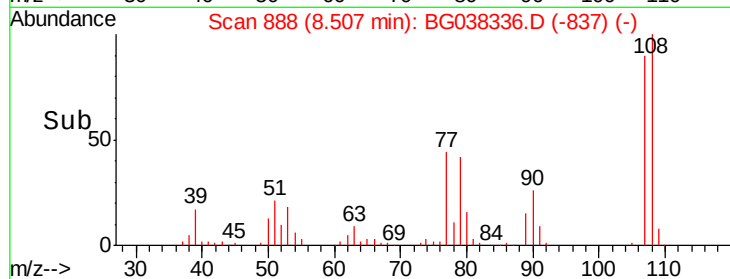
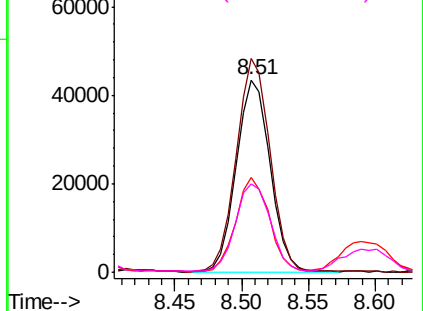
#17
2-Methylphenol
Concen: 45.333 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tgt Ion:107 Resp: 76722
Ion Ratio Lower Upper
107 100
108 110.9 87.9 131.9
77 49.2 35.1 52.7
79 46.1 34.5 51.7

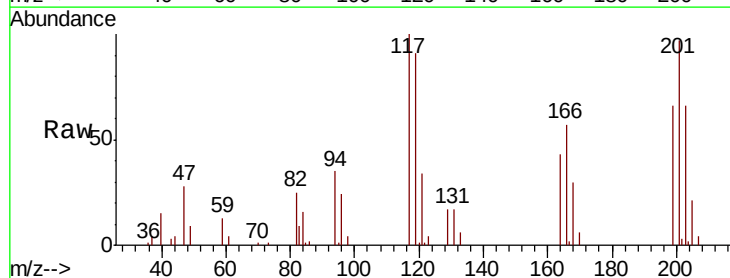


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

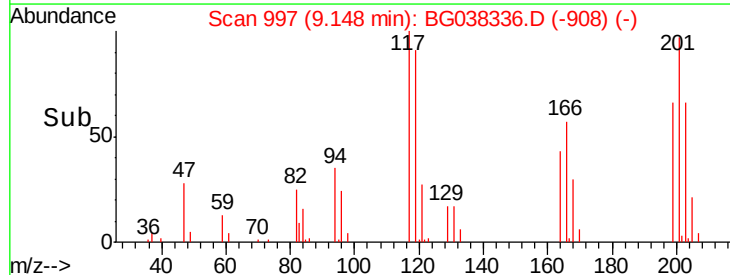
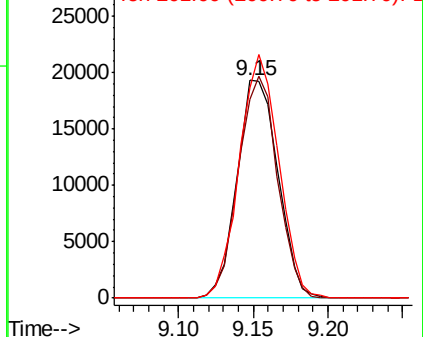


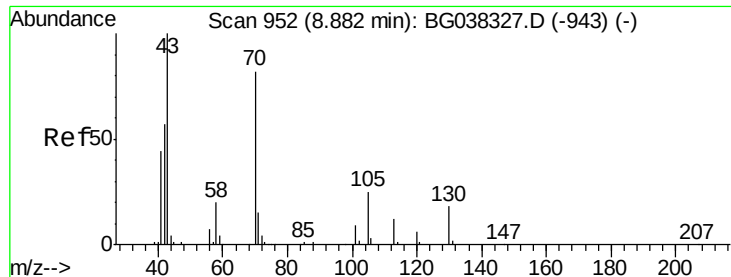
#18
Hexachloroethane
Concen: 45.110 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion:117 Resp: 36829
Ion Ratio Lower Upper
117 100
119 91.2 74.6 111.8
201 99.9 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

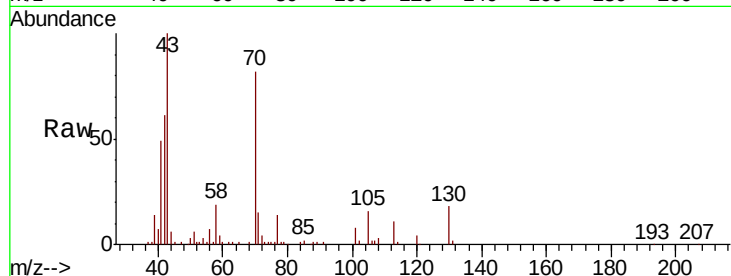




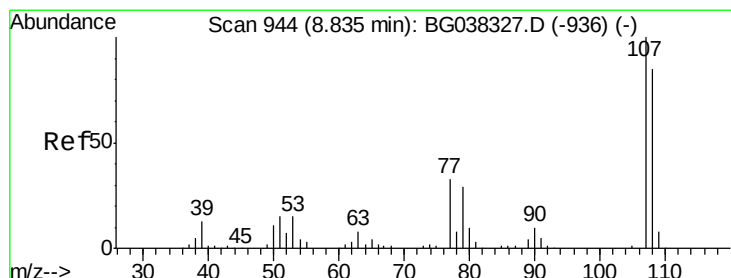
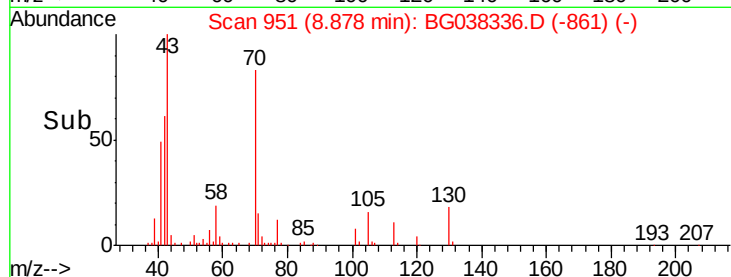
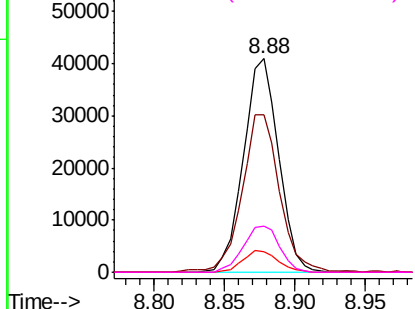
#19
n-Nitroso-di-n-propylamine
Concen: 42.173 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tgt Ion: 70 Resp: 71560
Ion Ratio Lower Upper
70 100
42 73.6 53.9 80.9
101 9.7 8.2 12.2
130 21.9 18.2 27.4

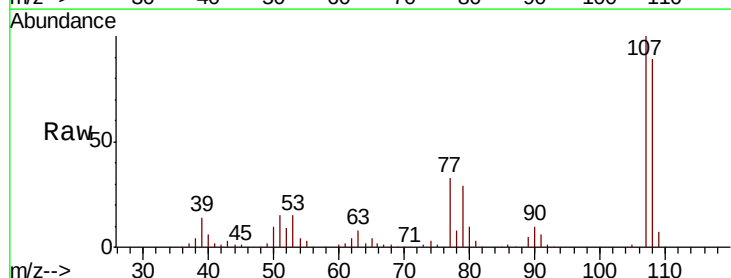


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

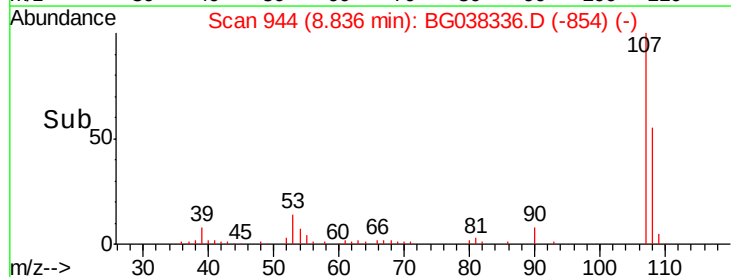
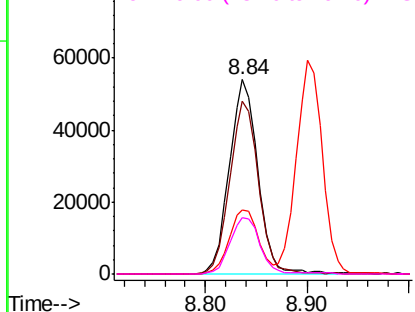


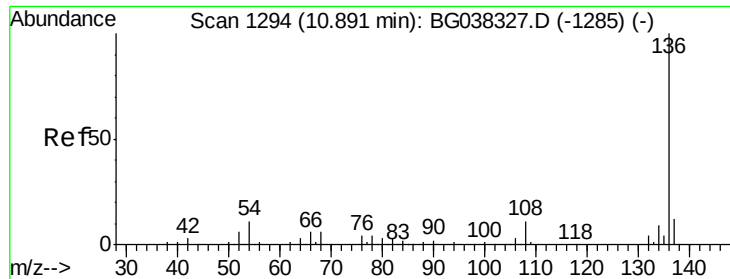
#20
3+4-Methylphenols
Concen: 42.581 ng
RT: 8.84 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion: 107 Resp: 105513
Ion Ratio Lower Upper
107 100
108 88.6 69.9 109.9
77 32.9 11.2 51.2
79 28.9 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

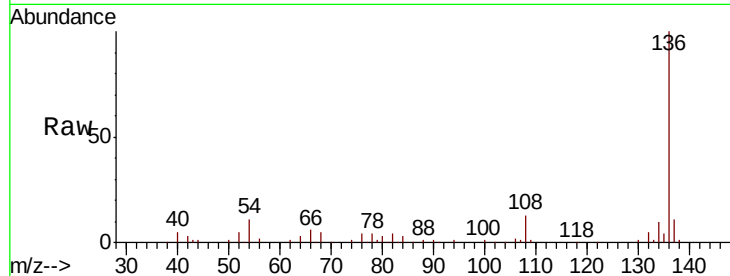




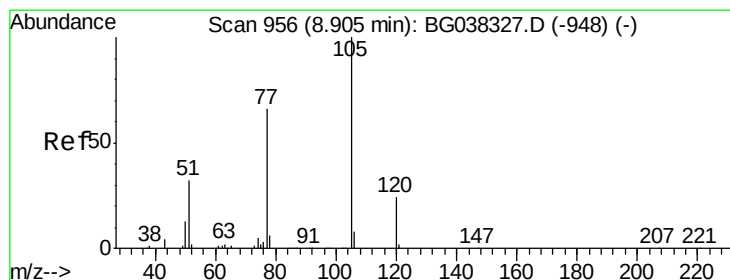
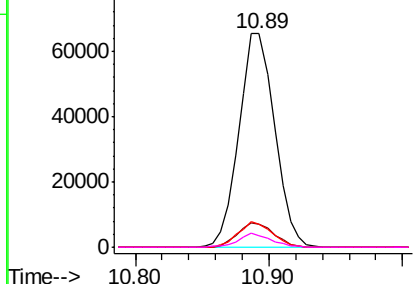
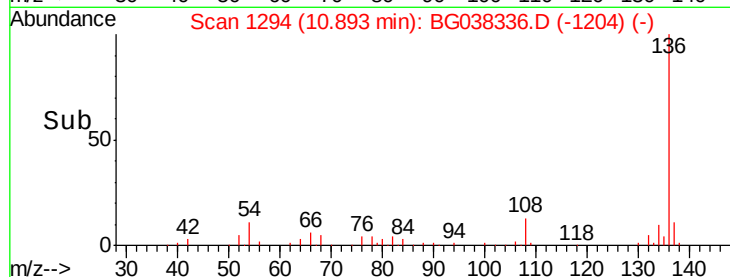
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tgt Ion:	136	Resp:	121562
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	10.8	7.9	11.9
68	5.4	4.8	7.2

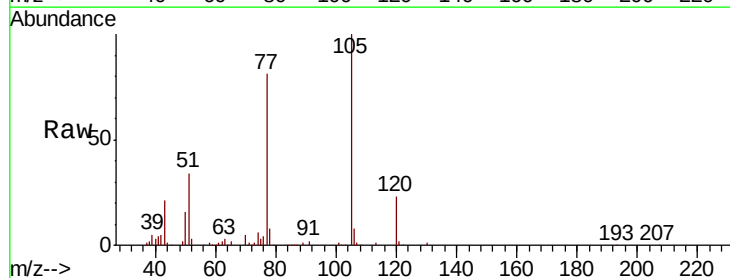


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

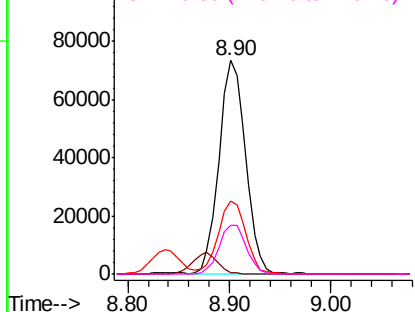
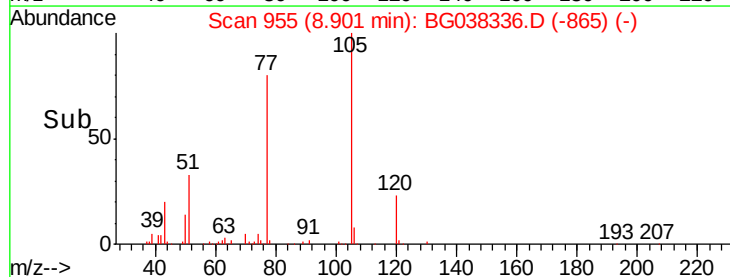


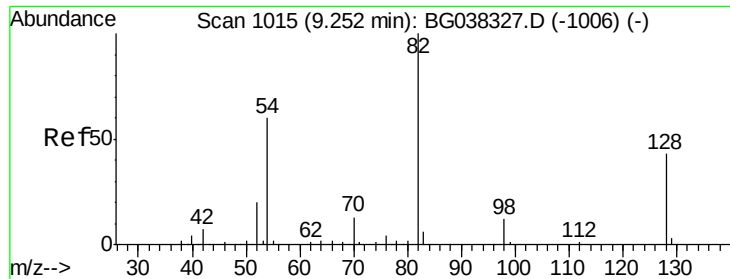
#22
Acetophenone
Concen: 46.015 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion:	105	Resp:	133873
Ion	Ratio	Lower	Upper
105	100		
71	0.6	1.2	1.8#
51	34.0	25.0	37.6
120	22.8	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

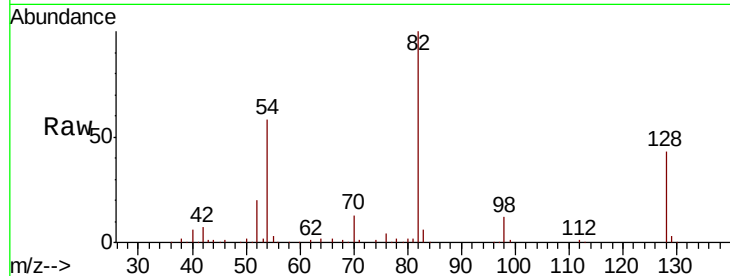




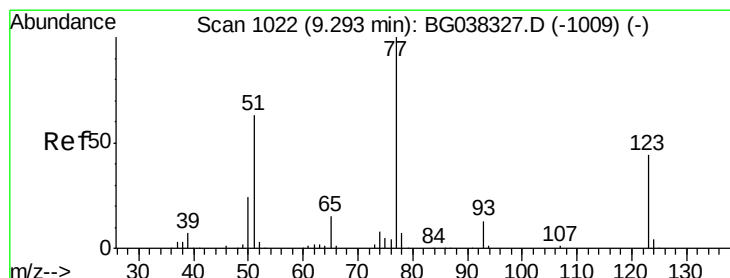
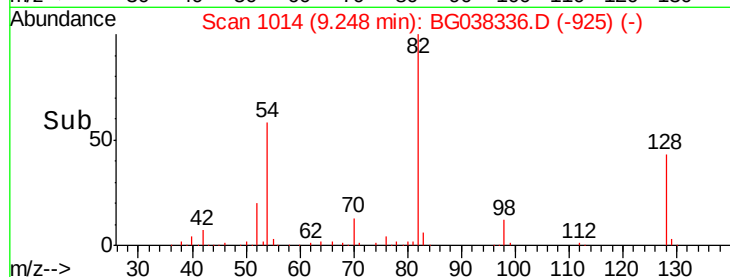
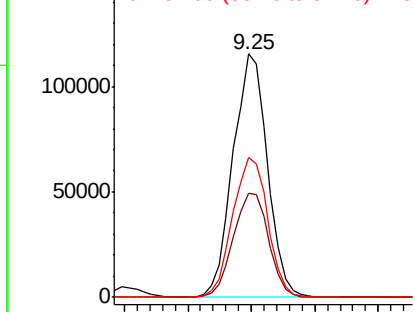
#23
 Nitrobenzene-d5
 Concen: 88.615 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

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

Tgt Ion: 82 Resp: 216972
 Ion Ratio Lower Upper
 82 100
 128 42.9 34.6 51.8
 54 57.7 45.3 67.9

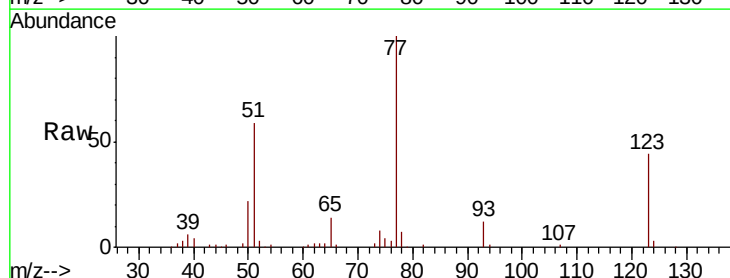


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

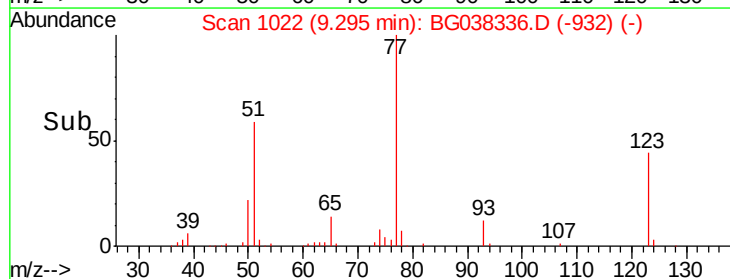
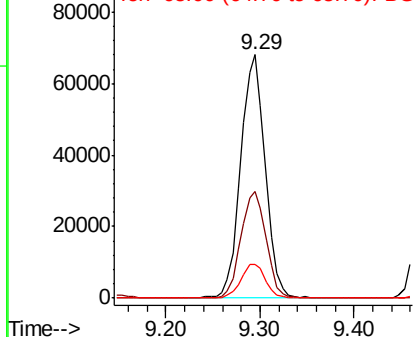


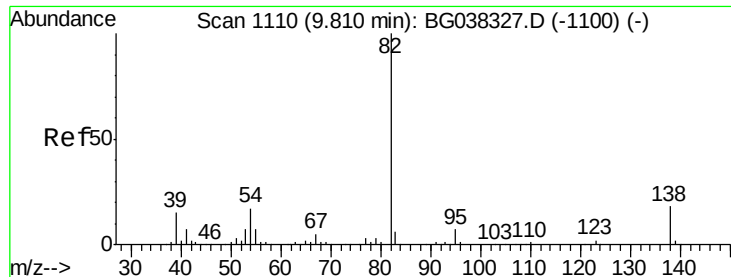
#24
 Nitrobenzene
 Concen: 49.373 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

Tgt Ion: 77 Resp: 122821
 Ion Ratio Lower Upper
 77 100
 123 43.9 33.6 50.4
 65 13.7 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 60.581 ng

RT: 9.81 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

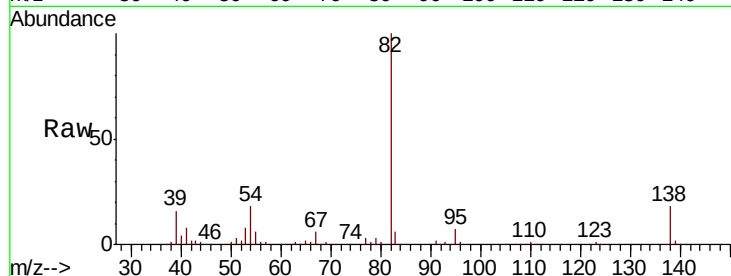
Tgt Ion: 82 Resp: 260676

Ion Ratio Lower Upper

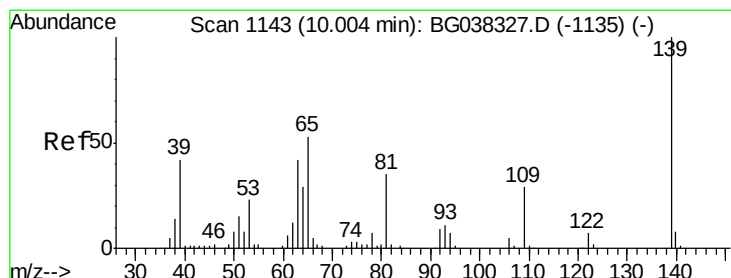
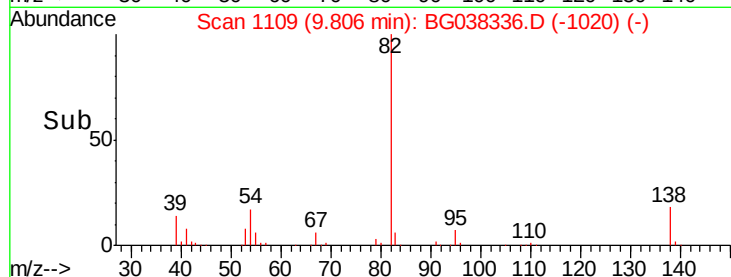
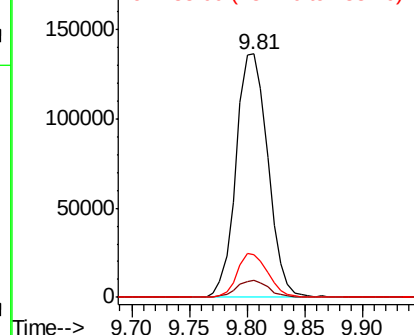
82 100

95 7.2 5.3 7.9

138 17.7 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: 49.206 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

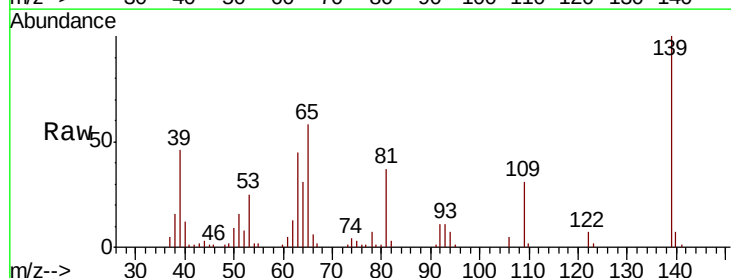
Tgt Ion: 139 Resp: 56717

Ion Ratio Lower Upper

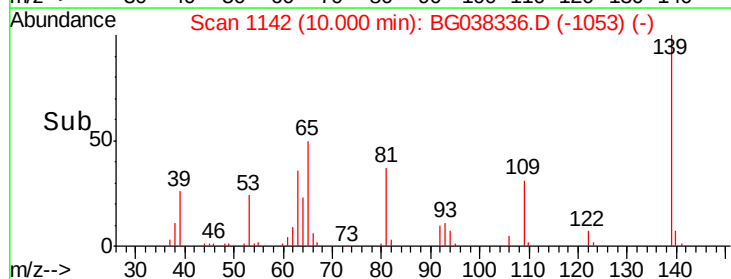
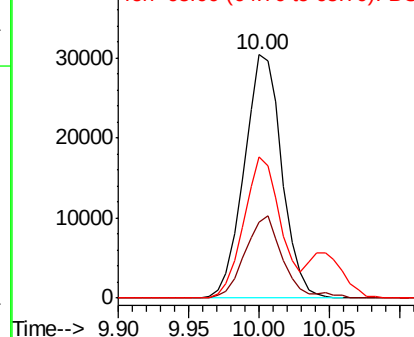
139 100

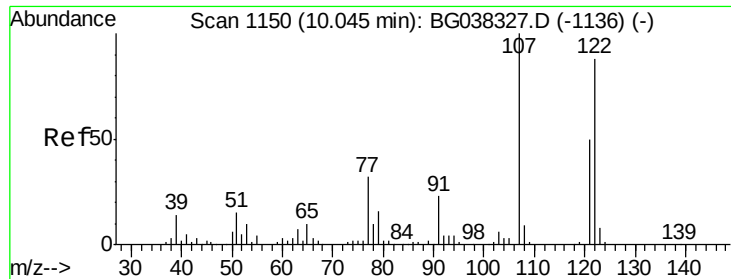
109 31.2 23.3 34.9

65 57.8 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: 58.919 ng

RT: 10.05 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

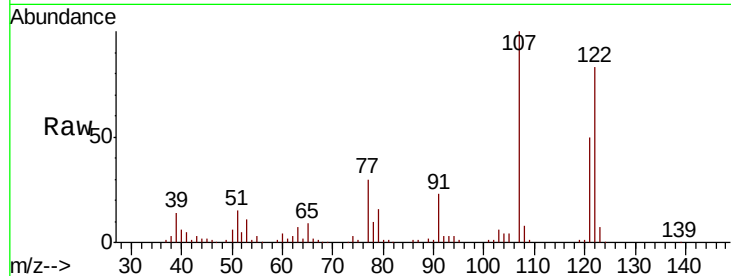
Tgt Ion:122 Resp: 97543

Ion Ratio Lower Upper

122 100

107 120.9 94.2 141.2

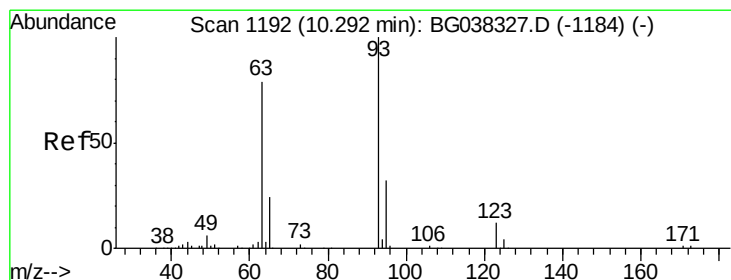
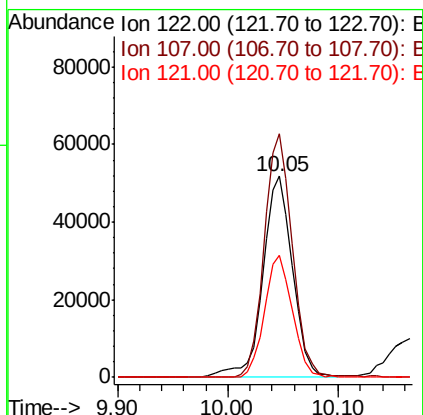
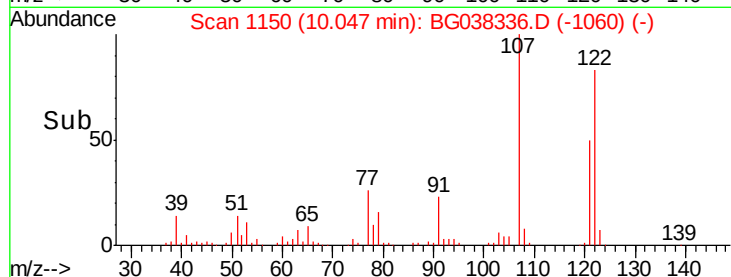
121 60.7 47.3 70.9



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: 49.220 ng

RT: 10.29 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

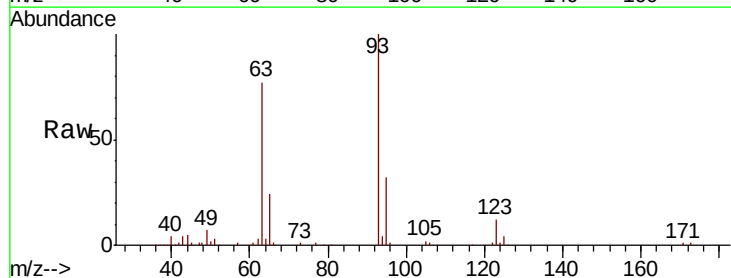
Tgt Ion: 93 Resp: 121412

Ion Ratio Lower Upper

93 100

95 31.6 24.6 37.0

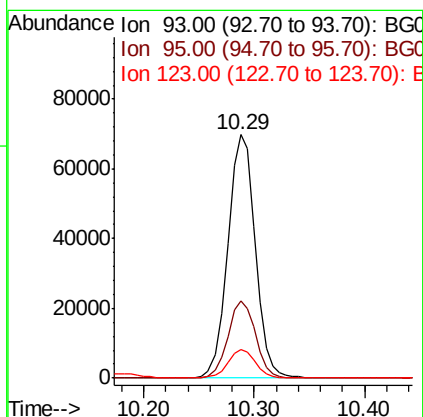
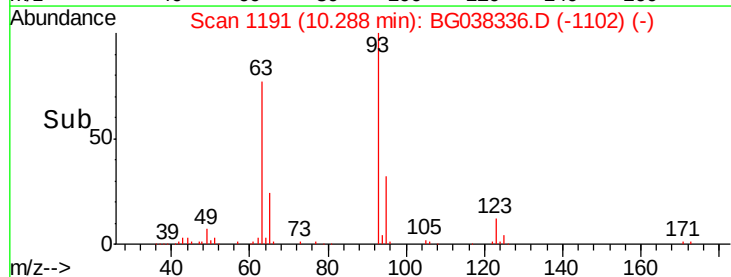
123 11.9 9.1 13.7

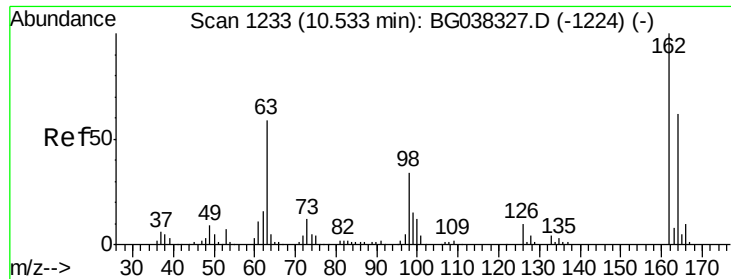


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.954 ng

RT: 10.53 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

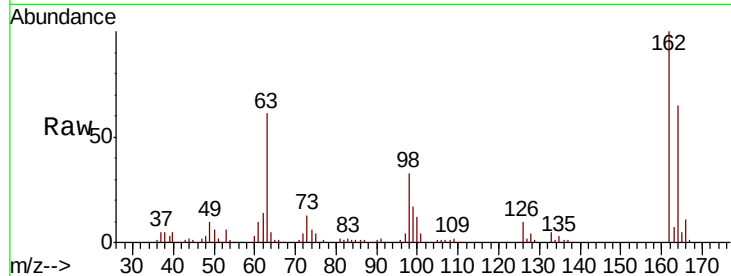
Tgt Ion:162 Resp: 94404

Ion Ratio Lower Upper

162 100

164 64.8 43.2 83.2

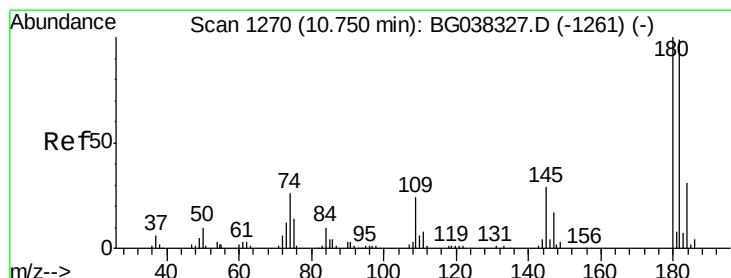
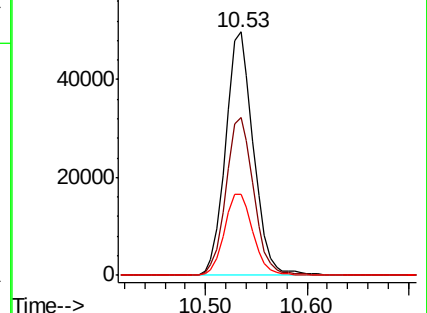
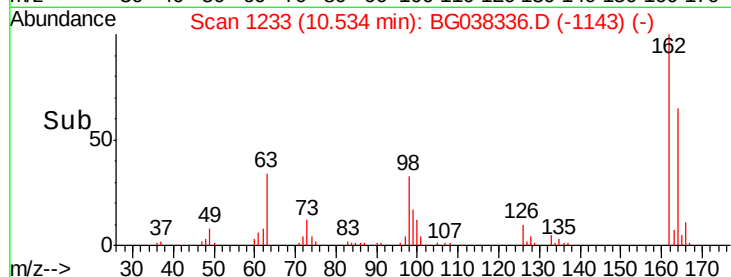
98 33.3 16.0 56.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 41.798 ng

RT: 10.75 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

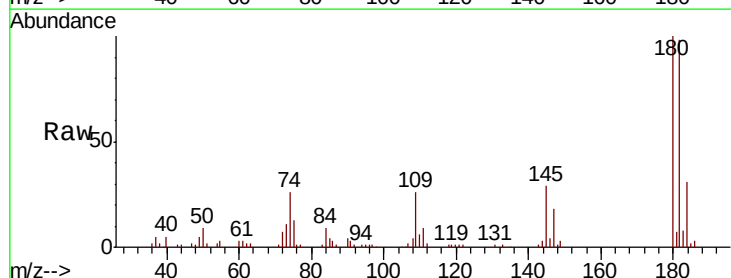
Tgt Ion:180 Resp: 92727

Ion Ratio Lower Upper

180 100

182 98.4 77.7 116.5

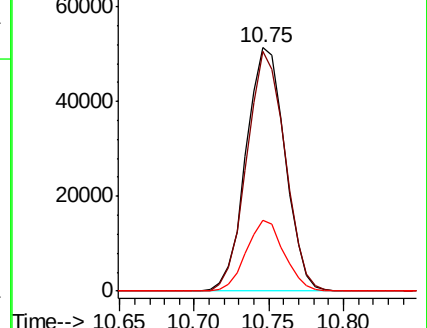
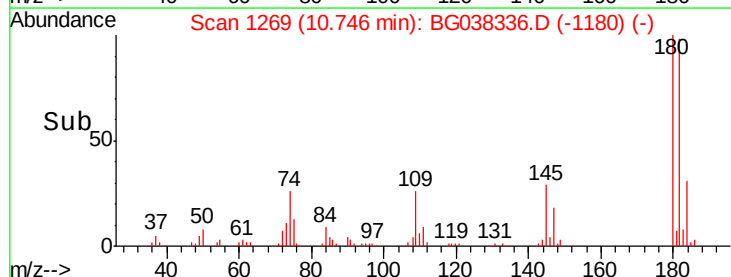
145 28.9 23.3 34.9

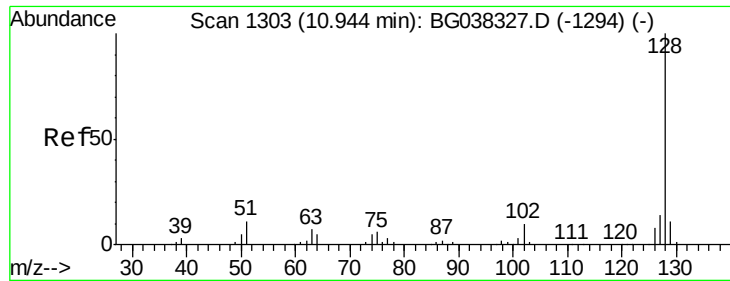


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

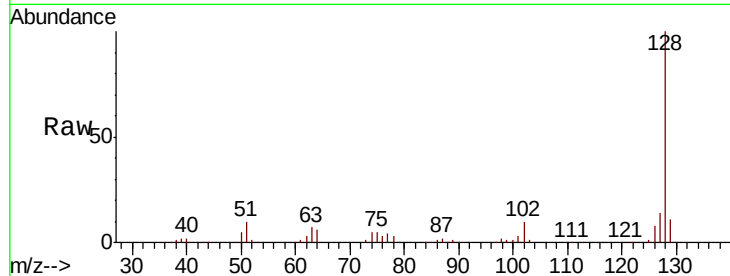




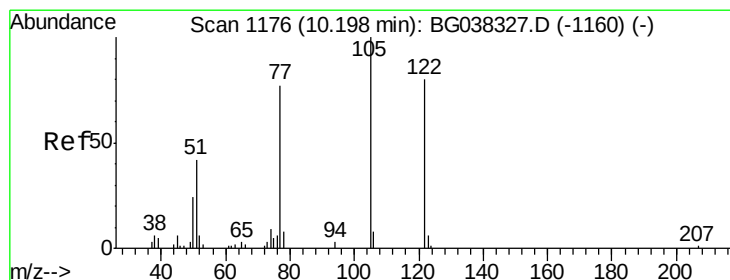
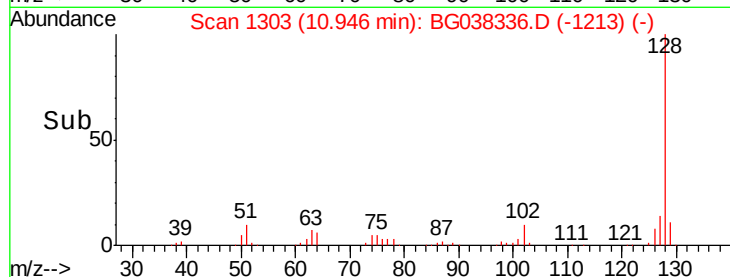
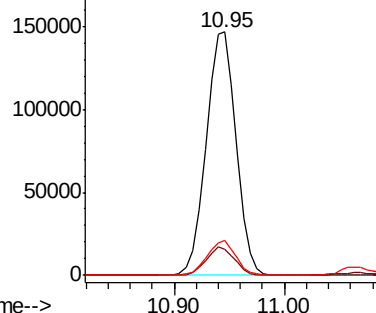
#31
Naphthalene
Concen: 47.856 ng
RT: 10.95 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tgt Ion:128 Resp: 277886
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 14.3 11.1 16.7

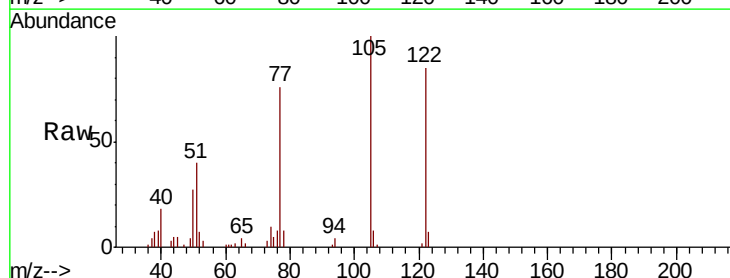


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

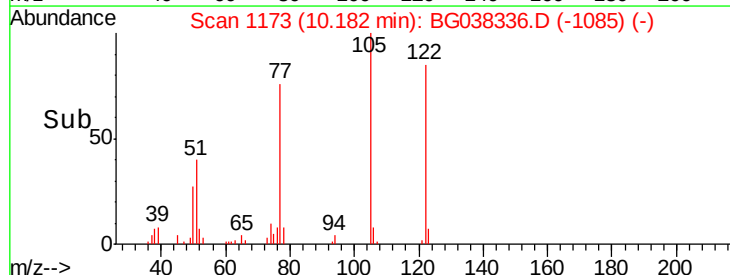
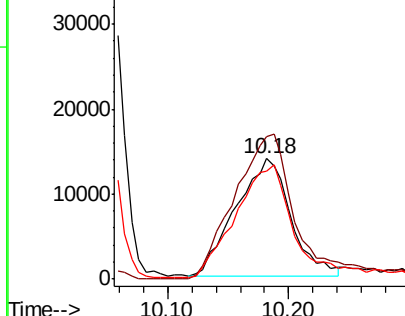


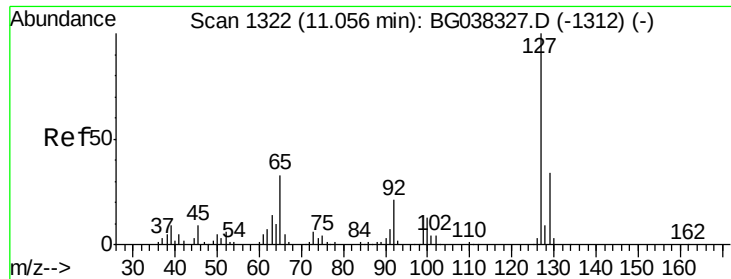
#32
Benzoic acid
Concen: 38.206 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion:122 Resp: 43638
Ion Ratio Lower Upper
122 100
105 118.3 106.7 146.7
77 90.1 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

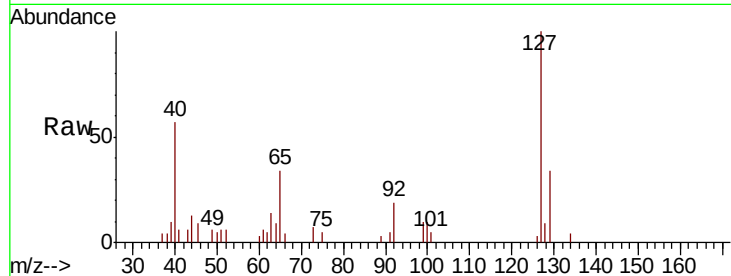




#33
4-Chloroaniline
Concen: 4.101 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tgt Ion:	127	Resp:	10542
Ion	Ratio	Lower	Upper
127	100		
129	33.9	27.1	40.7
65	34.0	26.6	39.8
92	19.0	16.4	24.6



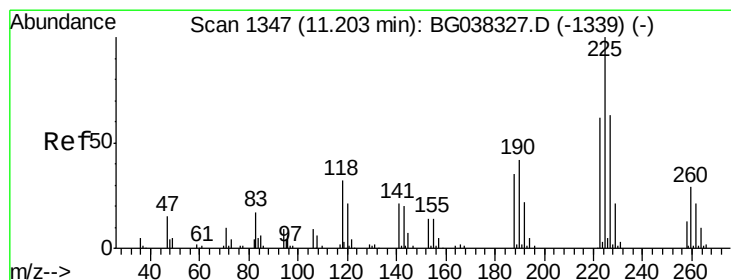
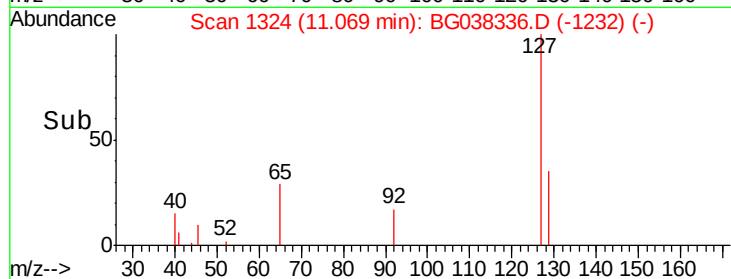
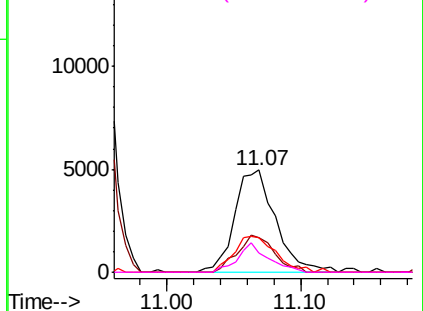
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

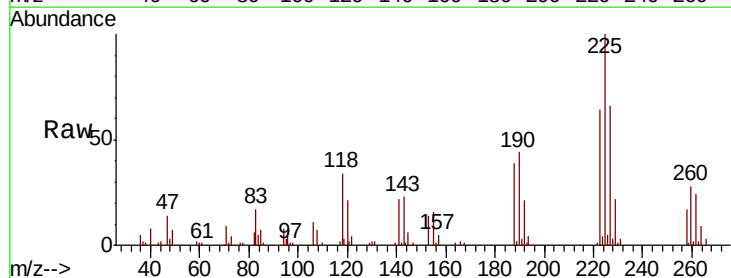
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 40.904 ng
RT: 11.20 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion:	225	Resp:	56769
Ion	Ratio	Lower	Upper
225	100		
223	64.7	48.2	72.4
227	66.0	51.6	77.4

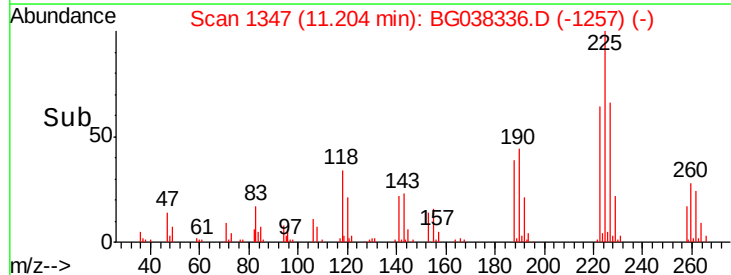
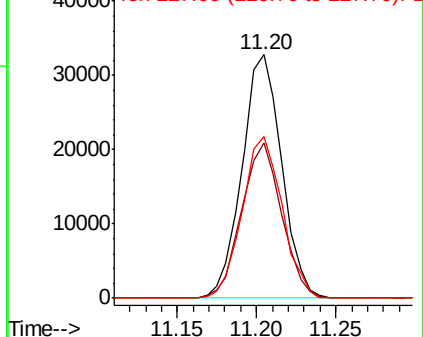


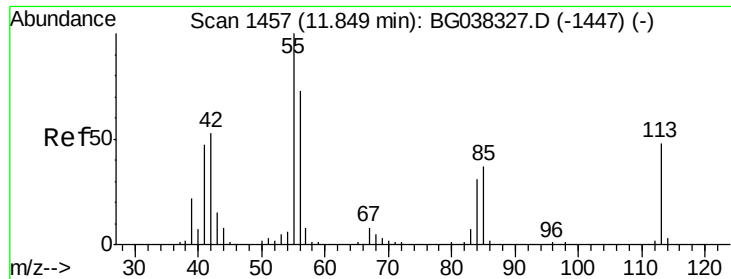
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 26.038 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

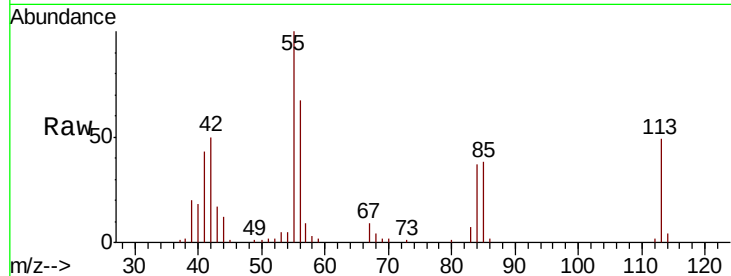
Tgt Ion:113 Resp: 20349

Ion Ratio Lower Upper

113 100

55 203.8 176.6 216.6

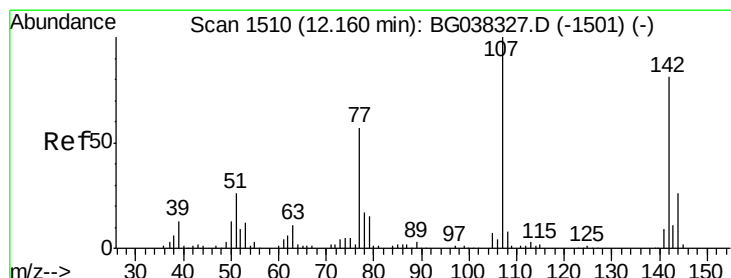
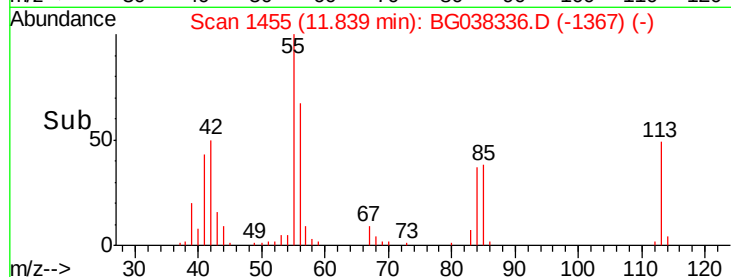
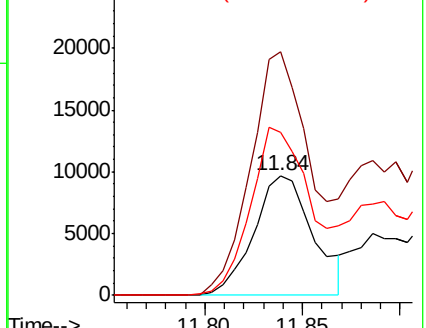
56 136.5 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 66.506 ng

RT: 12.16 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

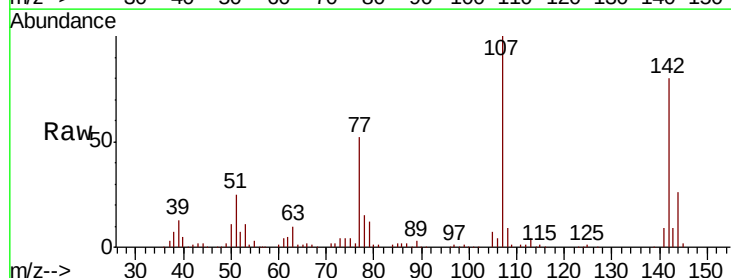
Tgt Ion:107 Resp: 139645

Ion Ratio Lower Upper

107 100

144 26.3 20.7 31.1

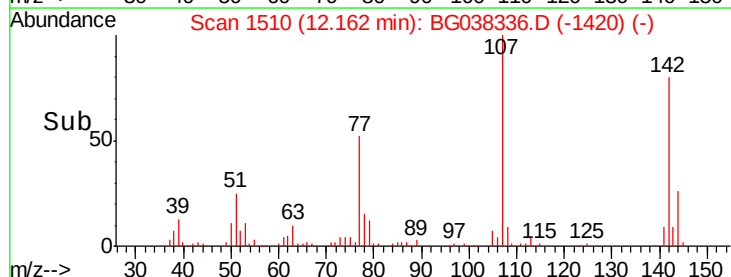
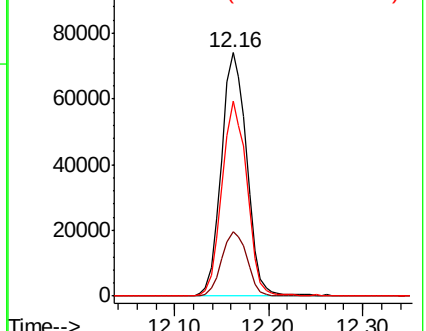
142 80.1 64.4 96.6

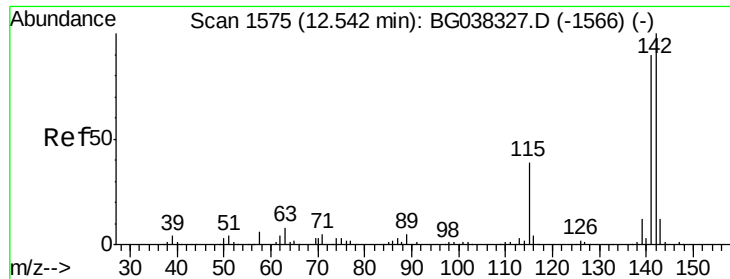


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

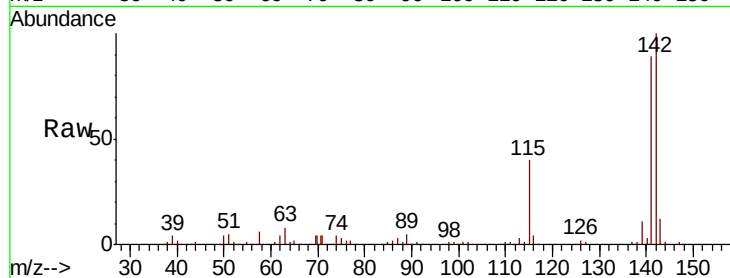




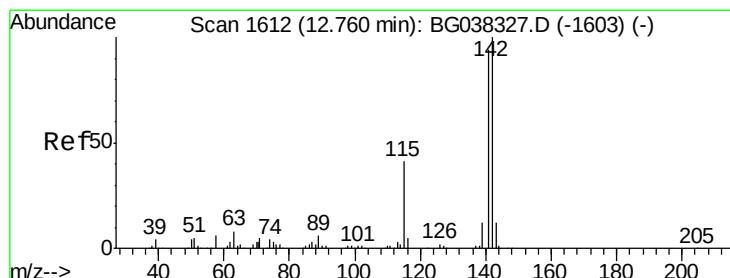
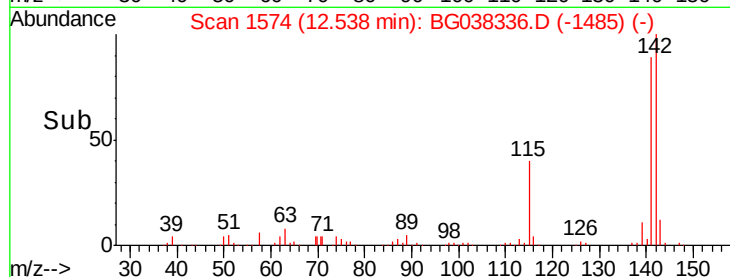
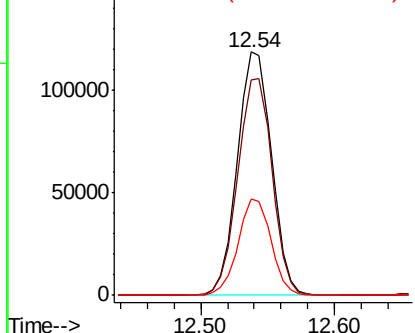
#37
 2-Methylnaphthalene
 Concen: 50.821 ng
 RT: 12.54 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

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

Tgt Ion:142 Resp: 210158
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.9 107.9
 115 39.5 27.8 41.8

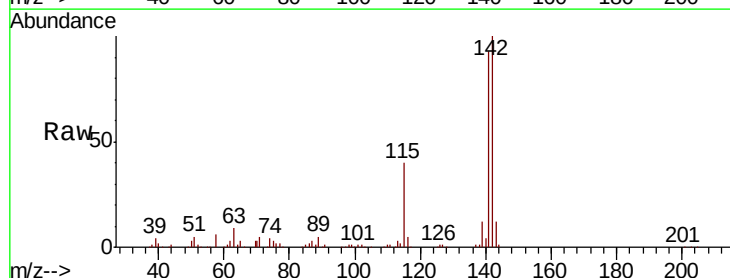


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

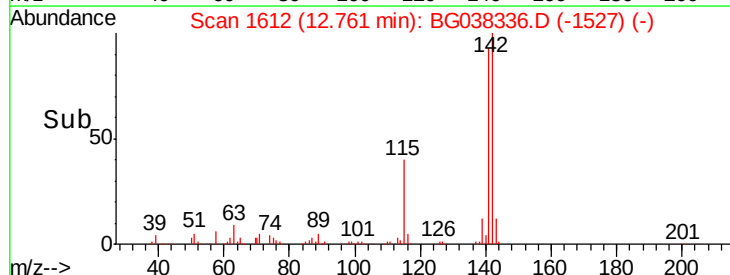
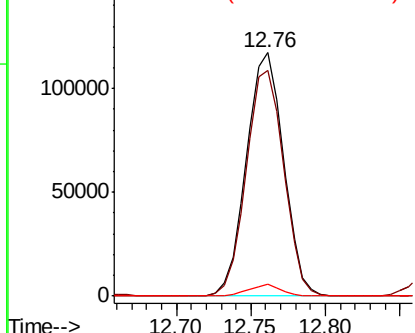


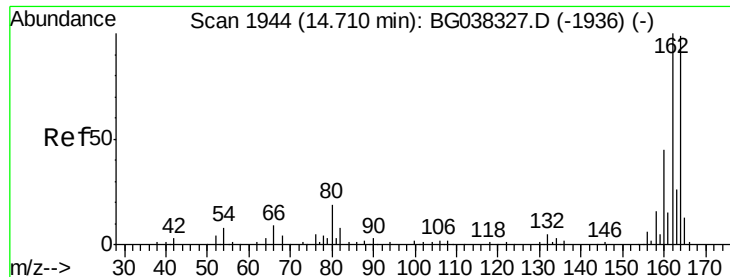
#38
 1-Methylnaphthalene
 Concen: 50.915 ng
 RT: 12.76 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

Tgt Ion:142 Resp: 201656
 Ion Ratio Lower Upper
 142 100
 141 92.8 75.2 112.8
 116 4.7 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: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

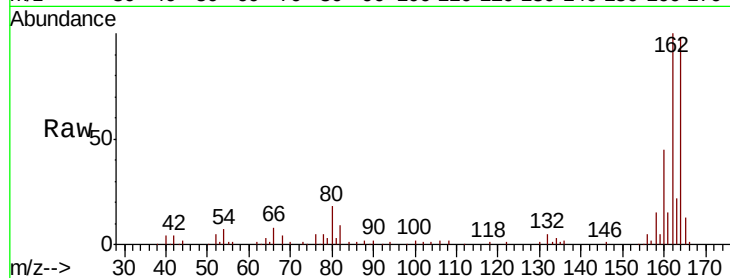
Tgt Ion:164 Resp: 80450

Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

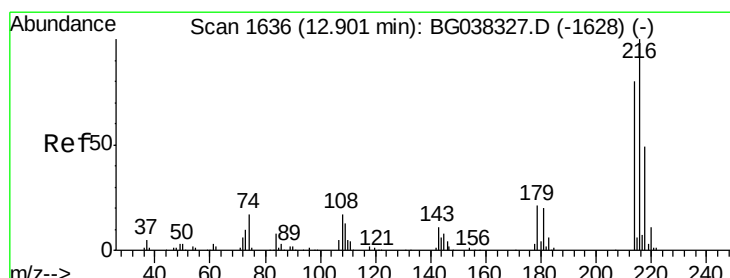
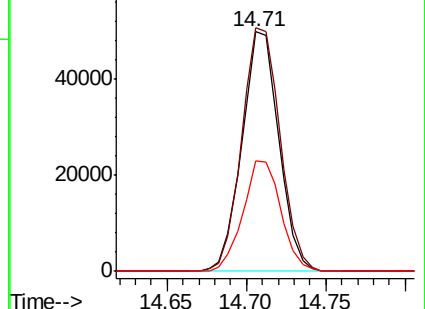
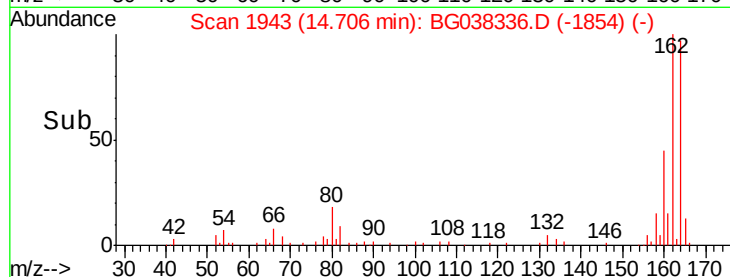
160 45.9 36.3 54.5



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: 41.367 ng

RT: 12.90 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Tgt Ion:216 Resp: 114516

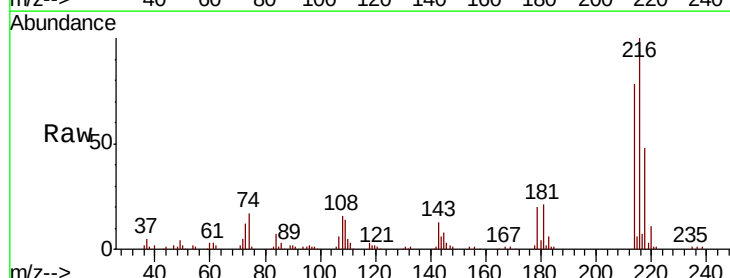
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.6

179 20.2 17.4 26.0

108 20.0 13.9 20.9

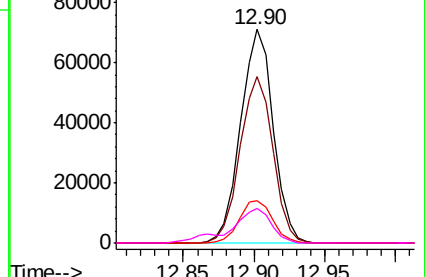
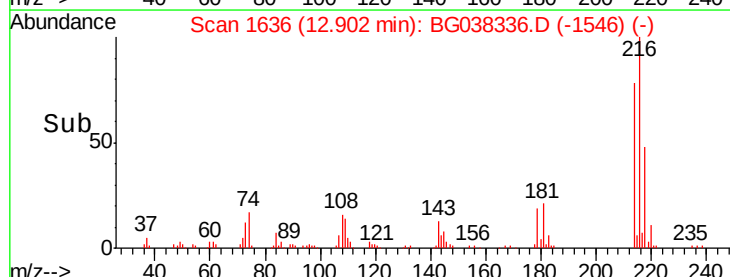


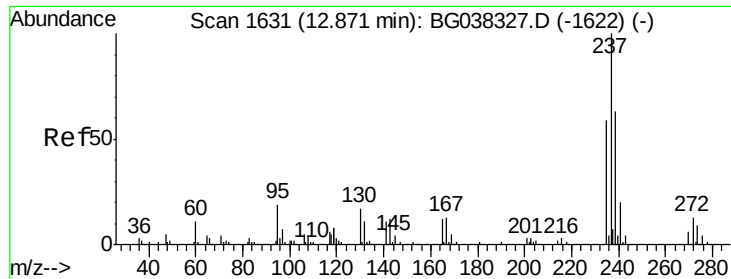
Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.504 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

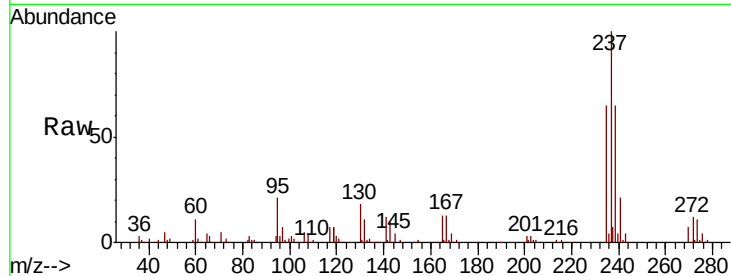
Tgt Ion:237 Resp: 131597

Ion Ratio Lower Upper

237 100

235 65.0 42.5 82.5

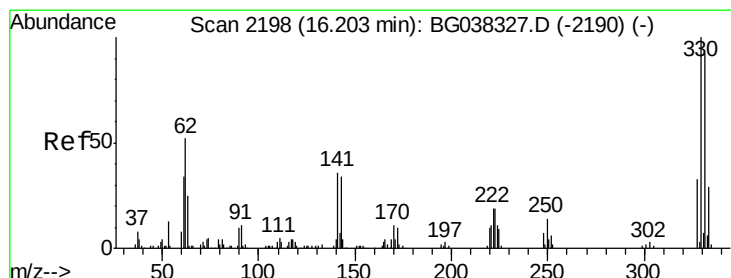
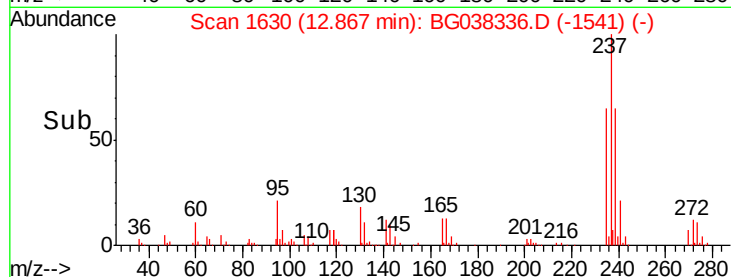
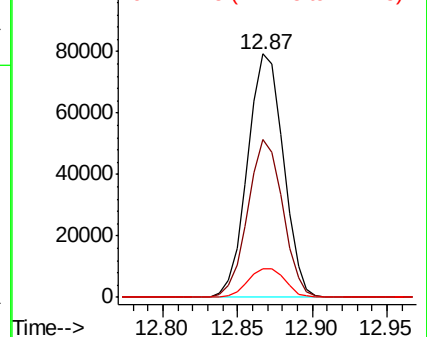
272 11.6 0.0 31.6



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: 131.339 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

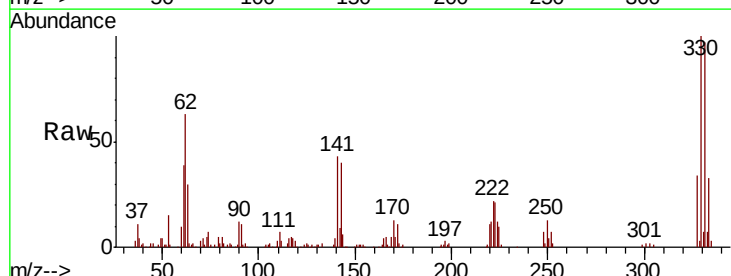
Tgt Ion:330 Resp: 129713

Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

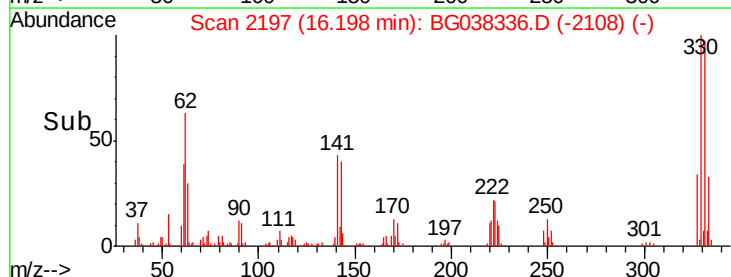
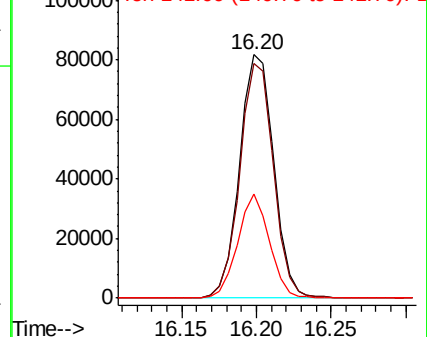
141 39.8 32.2 48.2

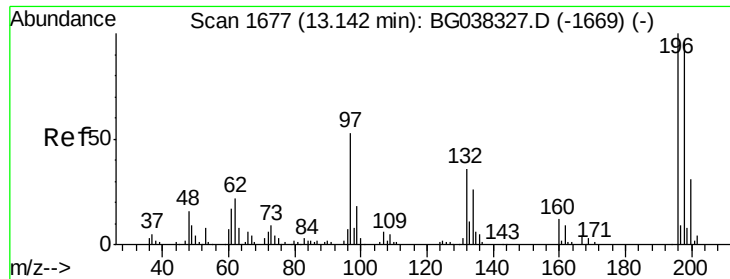


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

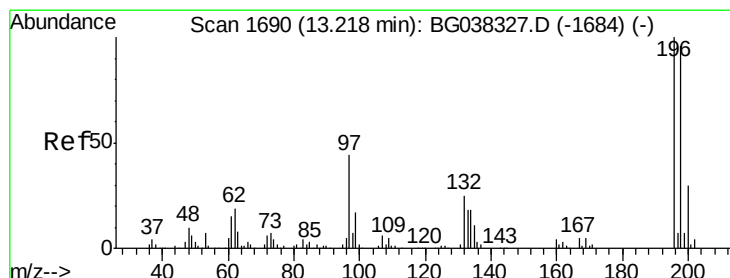
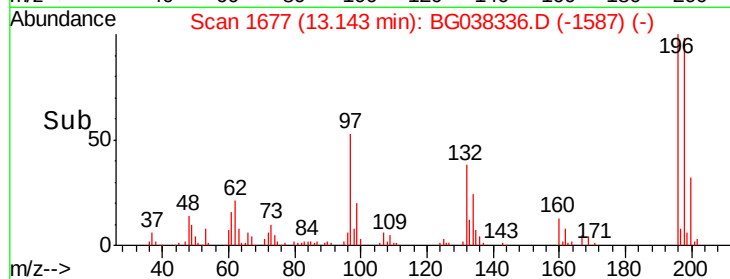
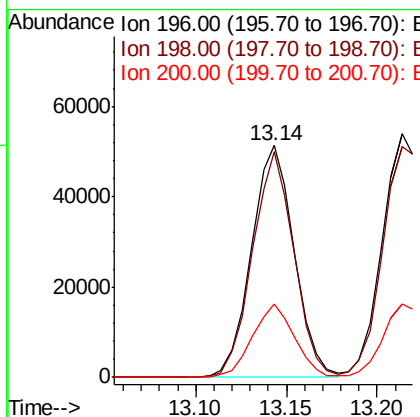
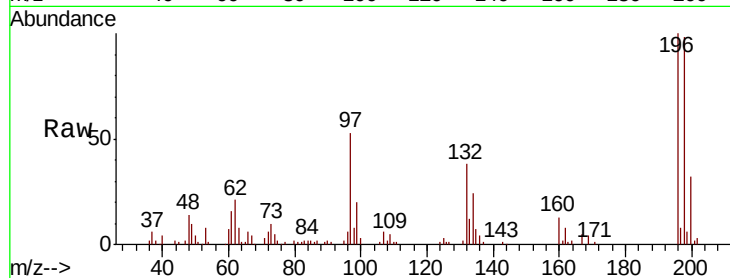




#43
 2,4,6-Trichlorophenol
 Concen: 46.897 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

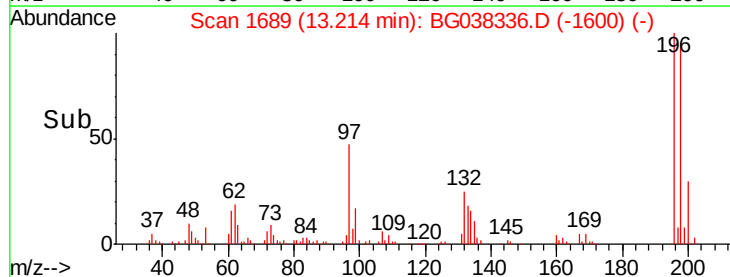
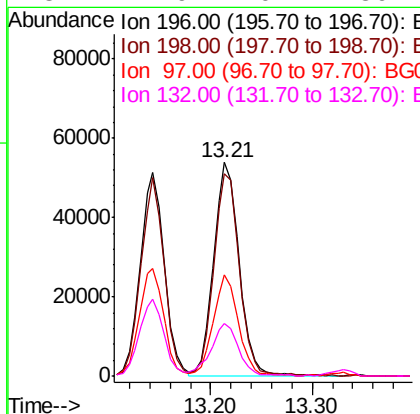
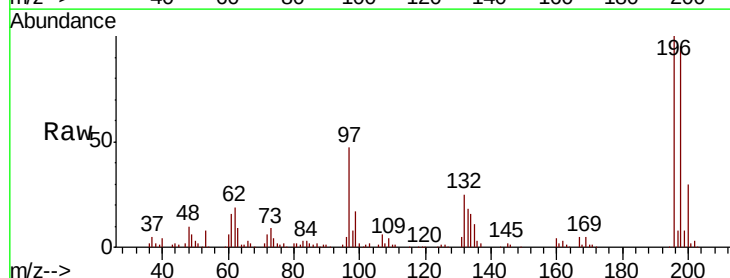
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMSD

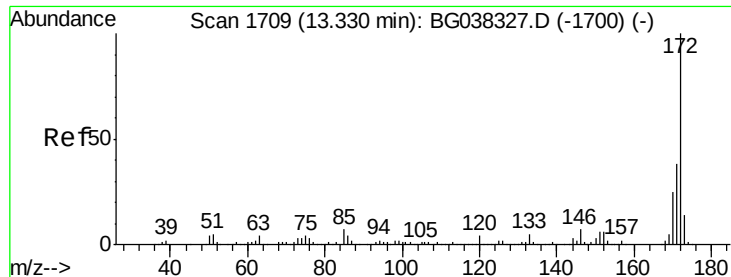
Tgt Ion:196 Resp: 84099
 Ion Ratio Lower Upper
 196 100
 198 97.5 76.4 114.6
 200 31.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 49.611 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

Tgt Ion:196 Resp: 94248
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.2 111.2
 97 47.3 34.1 51.1
 132 24.9 20.2 30.4

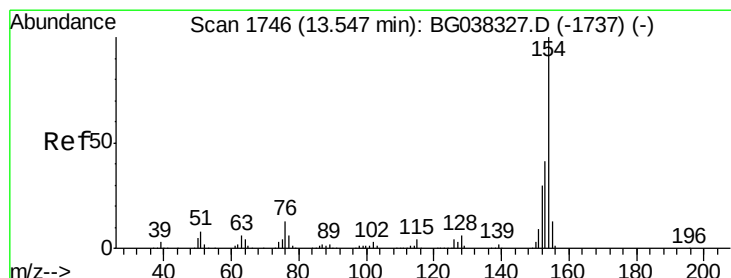
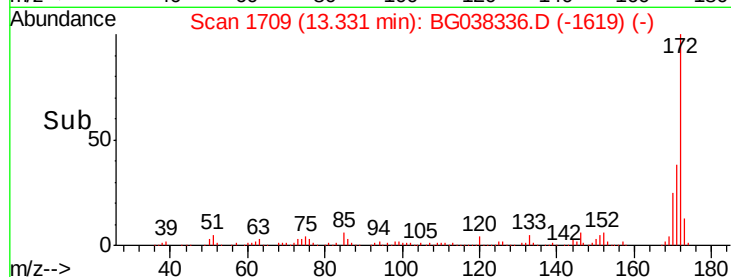
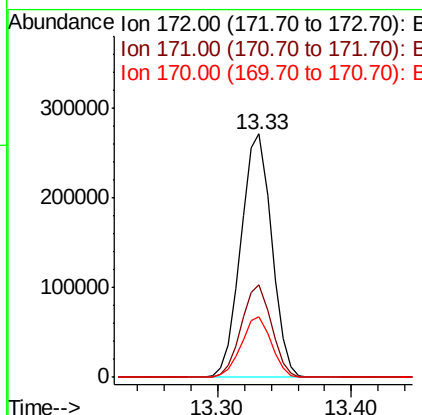
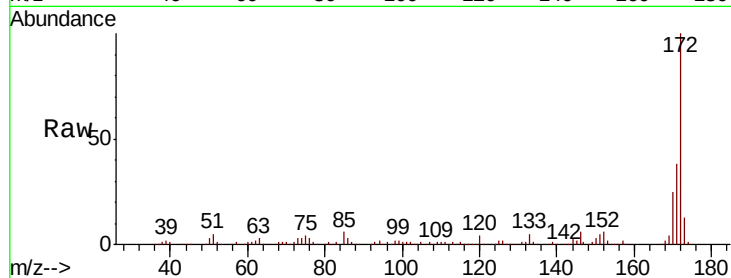




#45
 2-Fluorobiphenyl
 Concen: 76.498 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

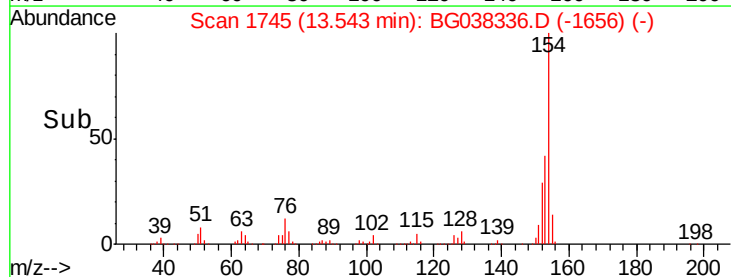
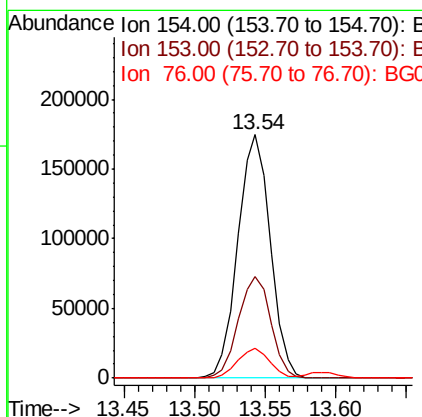
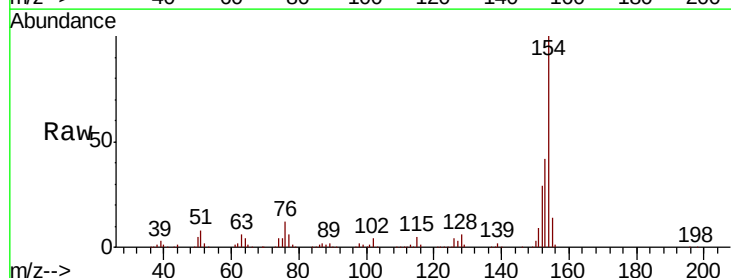
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMSD

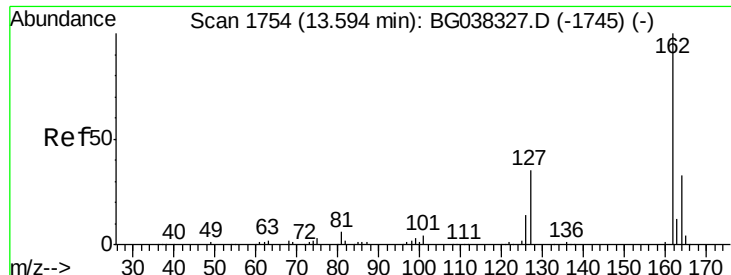
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.0	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 41.165 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.1	62.1
76	12.3	0.0	33.2

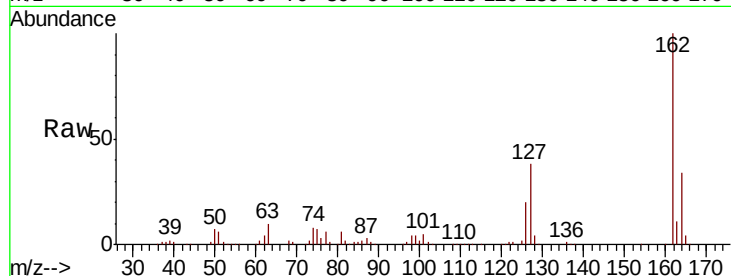




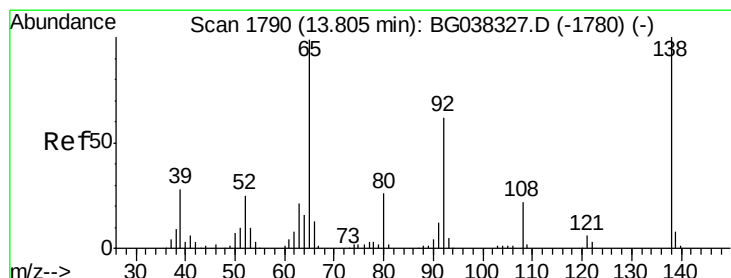
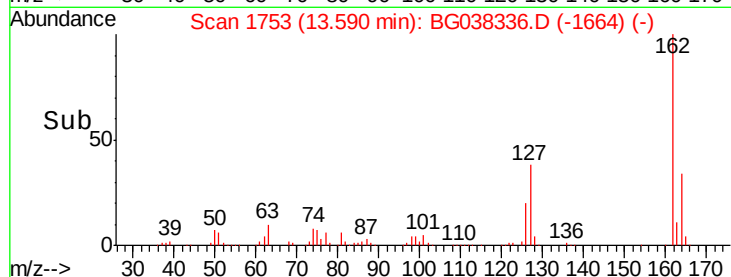
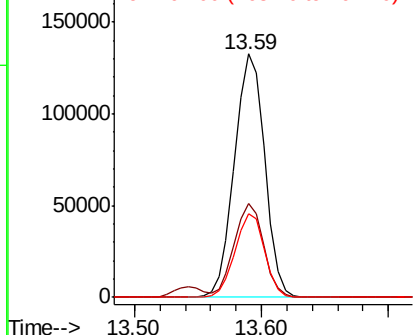
#47
 2-Chloronaphthalene
 Concen: 42.765 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

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

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.5	45.7
164	34.5	26.4	39.6

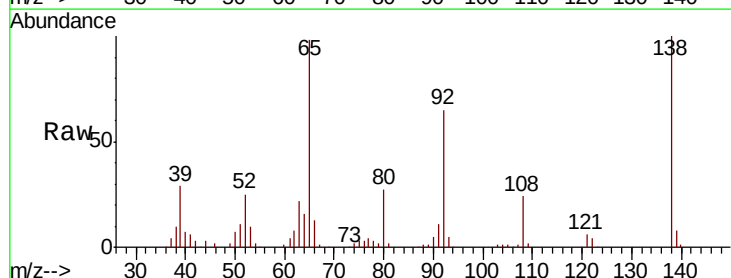


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

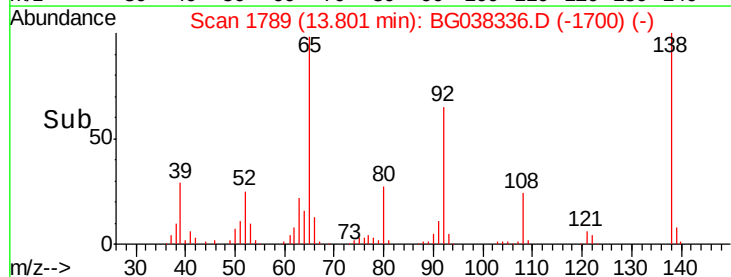
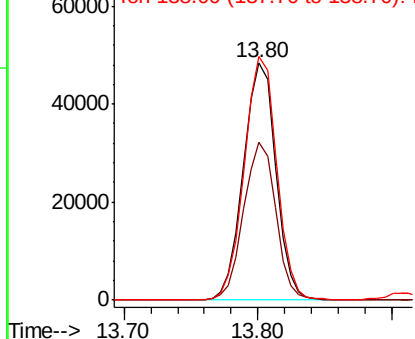


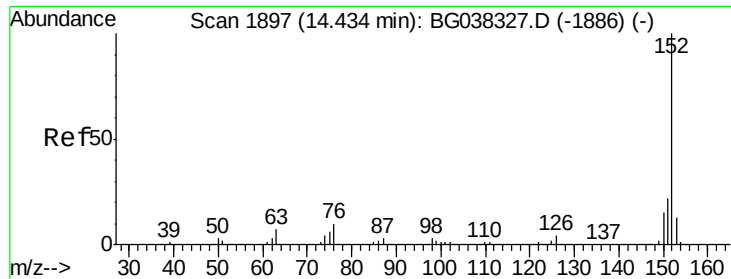
#48
 2-Nitroaniline
 Concen: 47.345 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	53.2	79.8
138	102.4	79.3	118.9



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





#49

Acenaphthylene

Concen: 48.427 ng

RT: 14.44 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

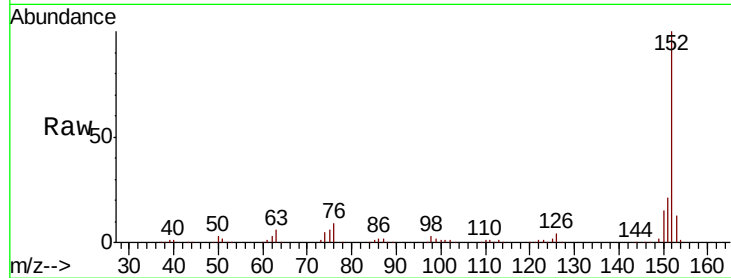
Tgt Ion:152 Resp: 374265

Ion Ratio Lower Upper

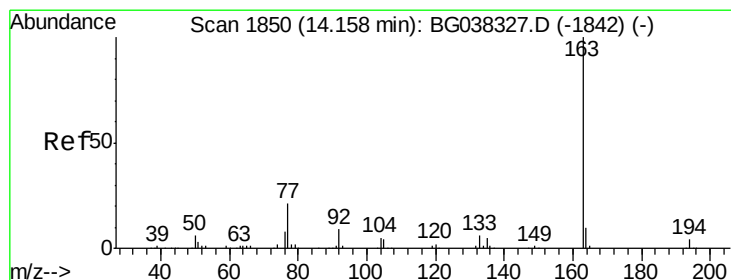
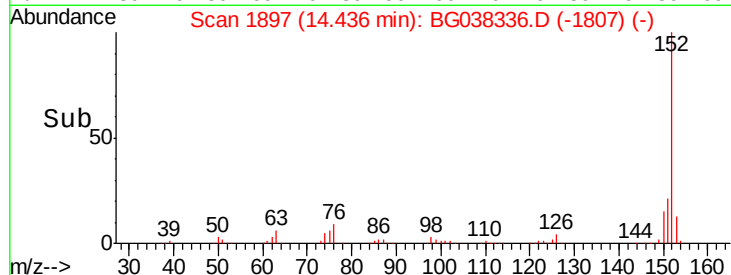
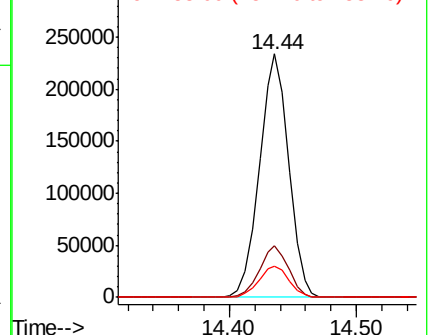
152 100

151 21.4 17.1 25.7

153 13.0 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.216 ng

RT: 14.16 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

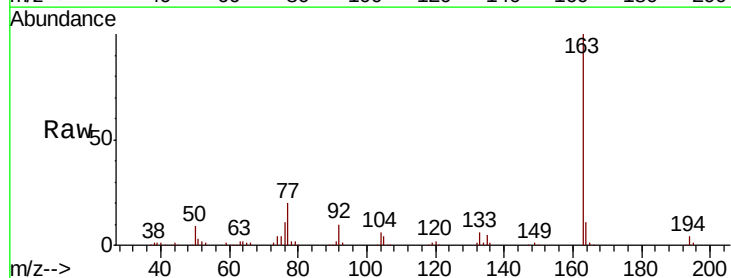
Tgt Ion:163 Resp: 311130

Ion Ratio Lower Upper

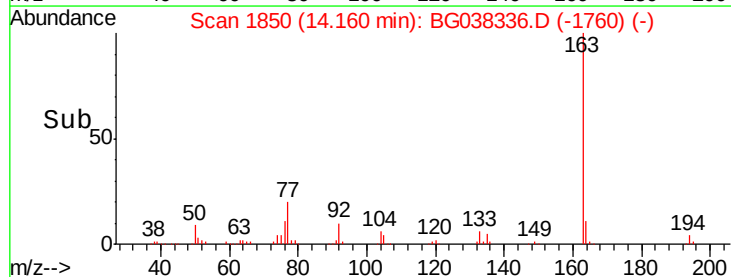
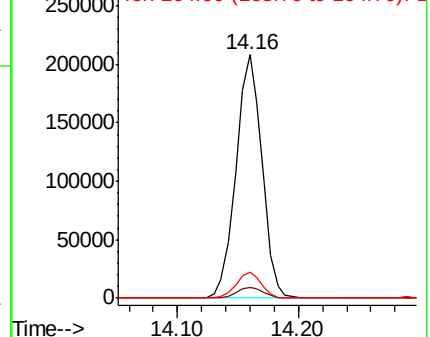
163 100

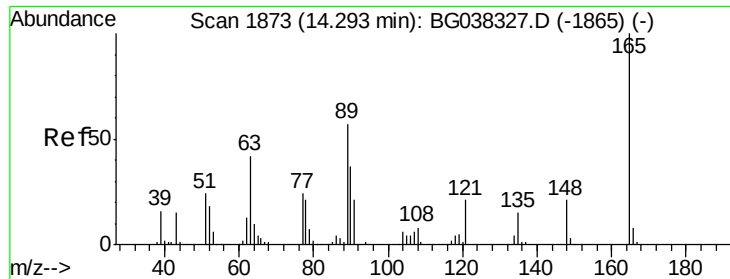
194 4.2 3.5 5.3

164 10.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.405 ng

RT: 14.29 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

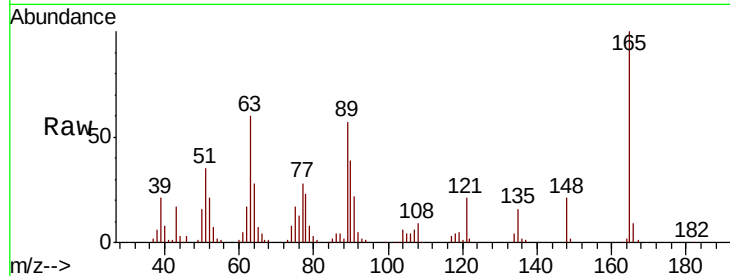
Tgt Ion:165 Resp: 71349

Ion Ratio Lower Upper

165 100

63 60.2 43.4 65.2

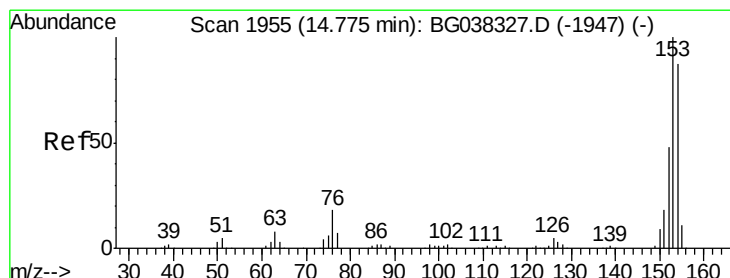
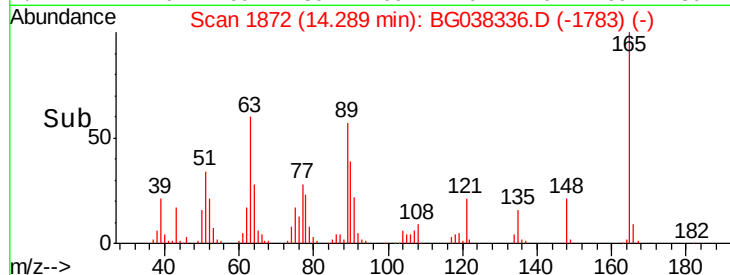
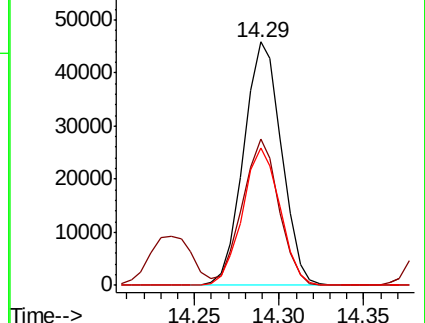
89 56.6 45.8 68.6



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



#52

Acenaphthene

Concen: 45.968 ng

RT: 14.78 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

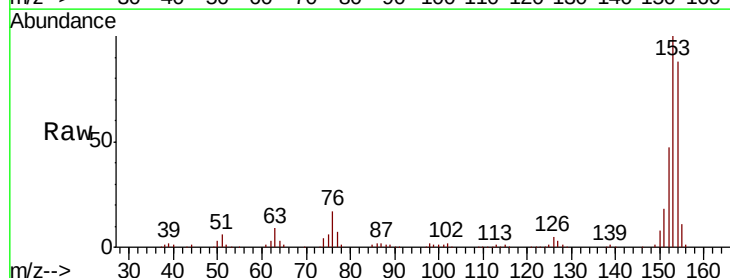
Tgt Ion:154 Resp: 216578

Ion Ratio Lower Upper

154 100

153 113.3 93.4 140.0

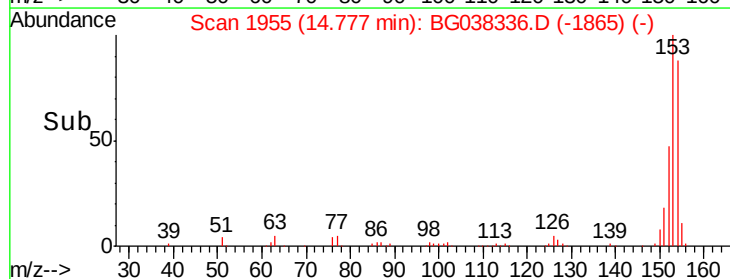
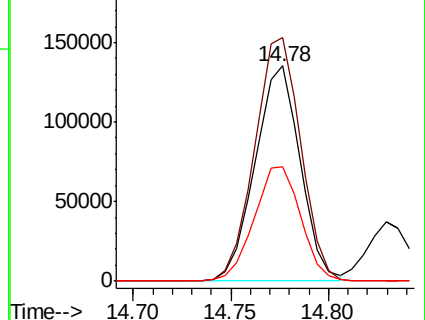
152 53.3 44.7 67.1

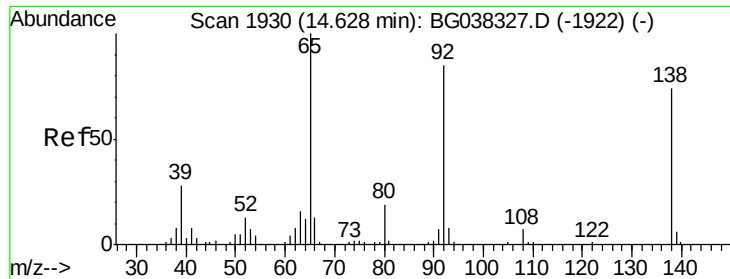


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 13.621 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

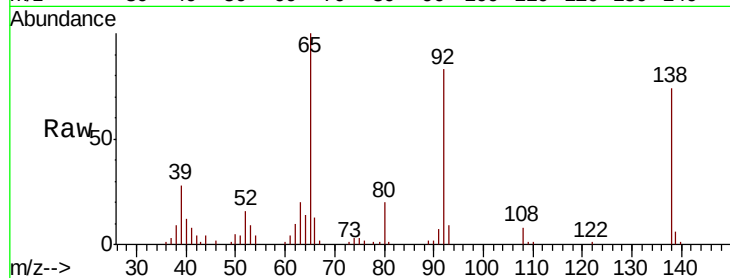
Tgt Ion:138 Resp: 21623

Ion Ratio Lower Upper

138 100

108 10.4 11.0 16.6#

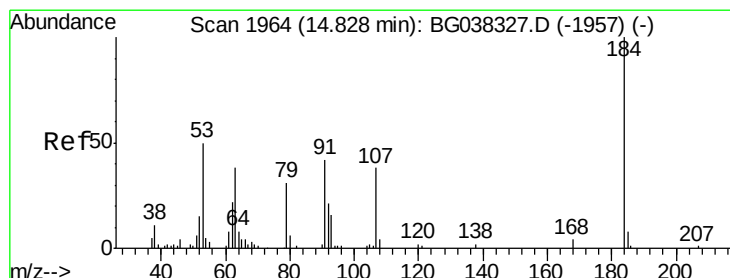
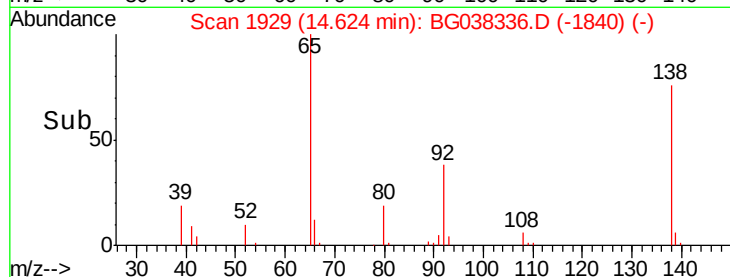
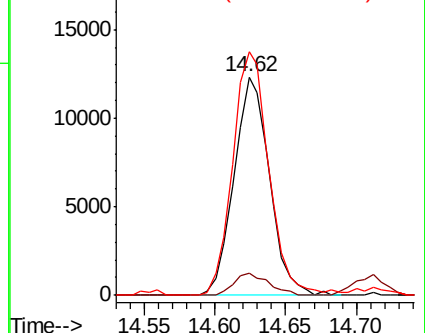
92 111.6 95.2 142.8



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: 116.260 ng

RT: 14.83 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

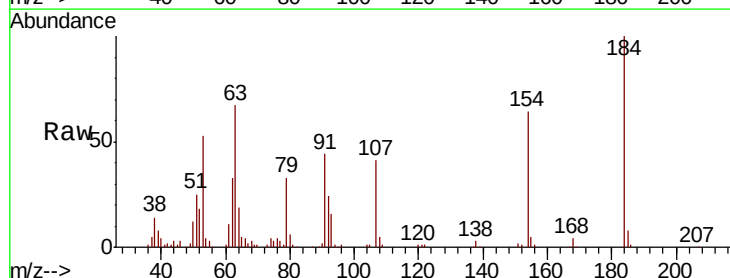
Tgt Ion:184 Resp: 93940

Ion Ratio Lower Upper

184 100

63 66.9 42.6 63.8#

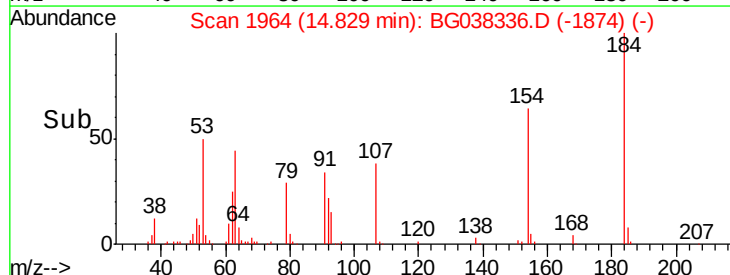
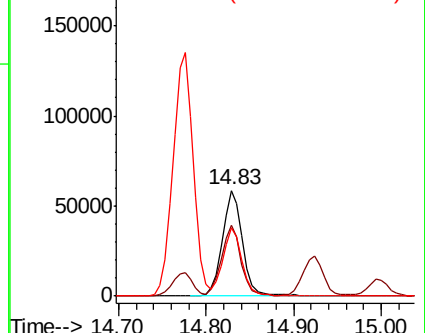
154 63.9 41.8 62.6#

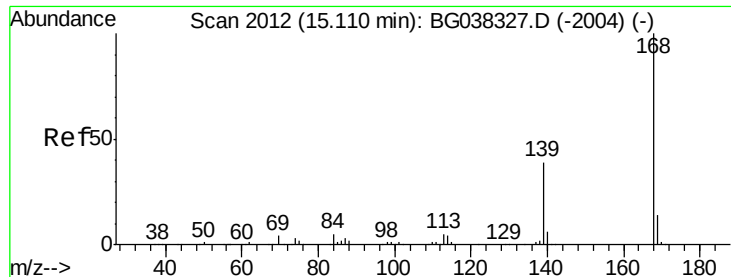


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 45.412 ng

RT: 15.11 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

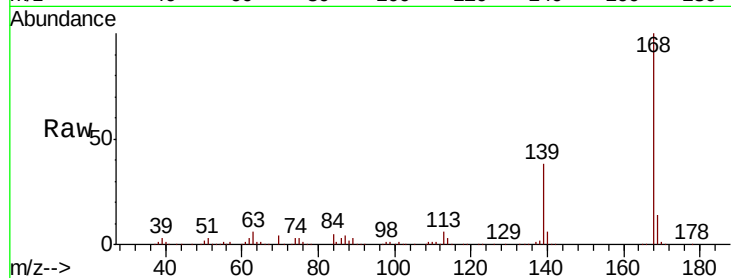
Tgt Ion:168 Resp: 353718

Ion Ratio Lower Upper

168 100

139 38.2 29.4 44.0

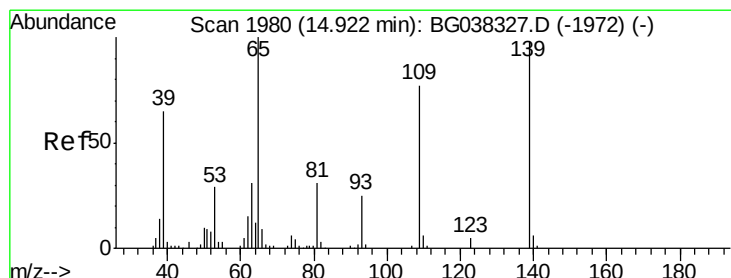
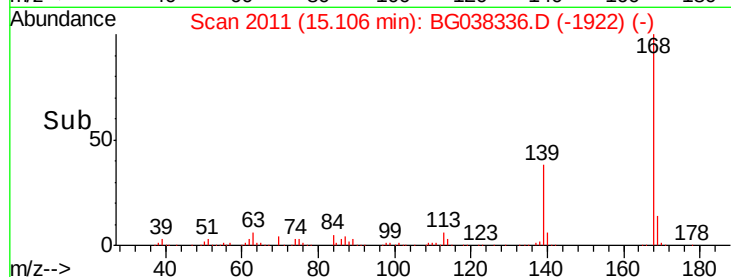
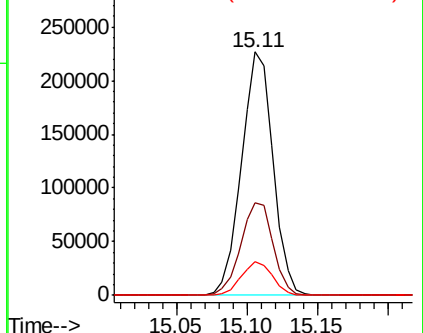
169 13.9 11.0 16.6



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: 84.560 ng

RT: 14.92 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

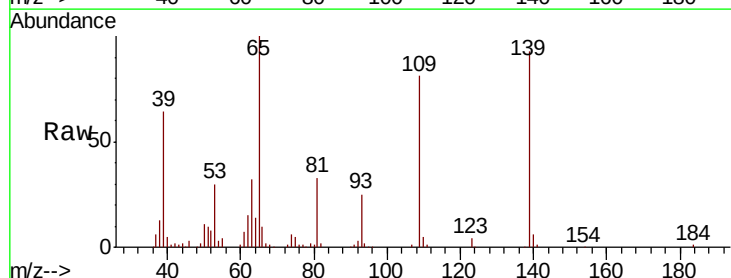
Tgt Ion:139 Resp: 106041

Ion Ratio Lower Upper

139 100

109 86.7 49.5 89.5

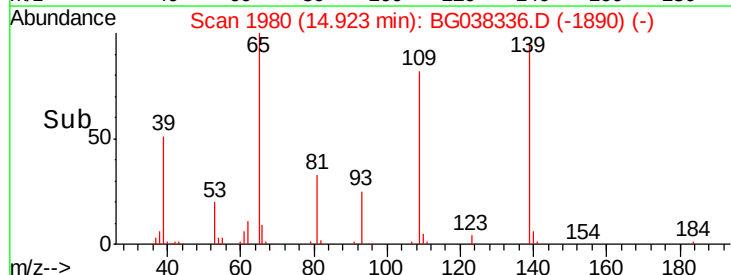
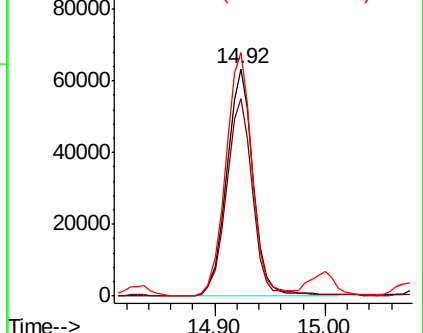
65 107.2 76.8 116.8

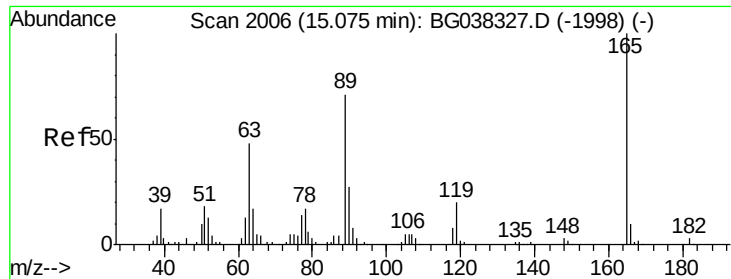


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

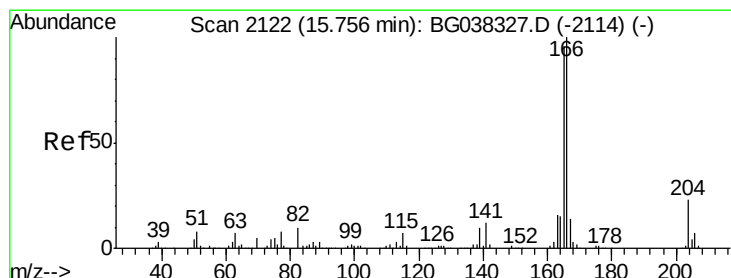
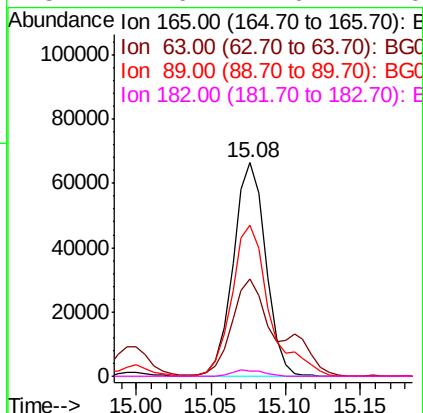
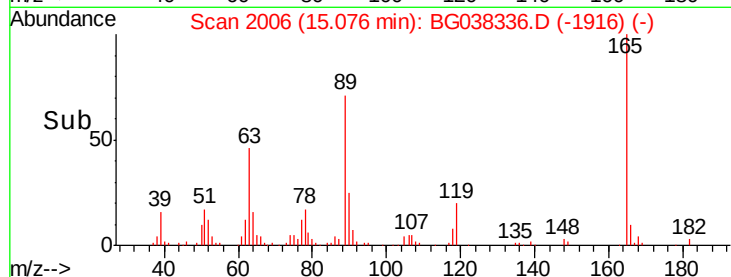
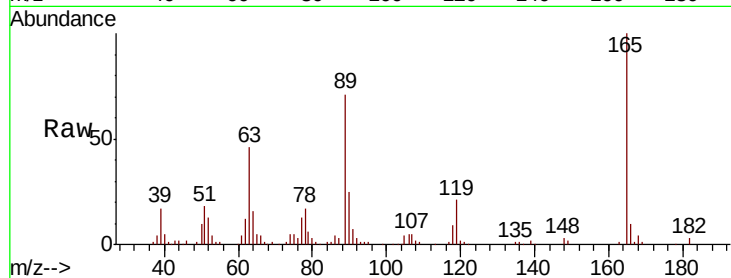




#57
2,4-Dinitrotoluene
Concen: 49.521 ng
RT: 15.08 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

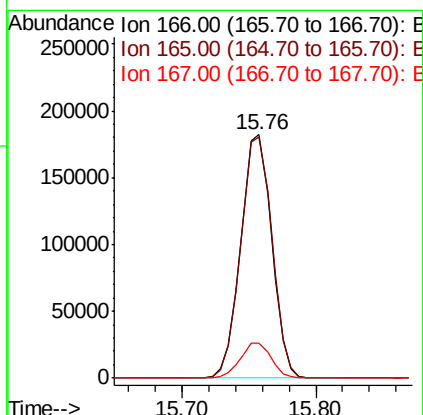
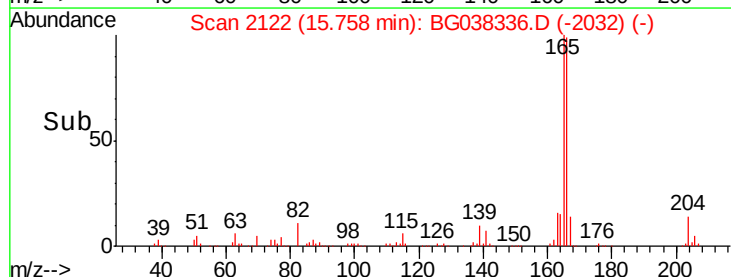
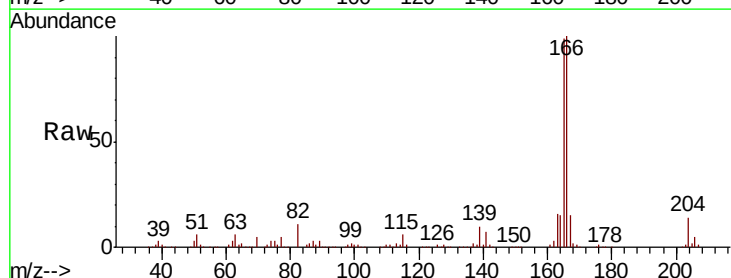
Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMSD

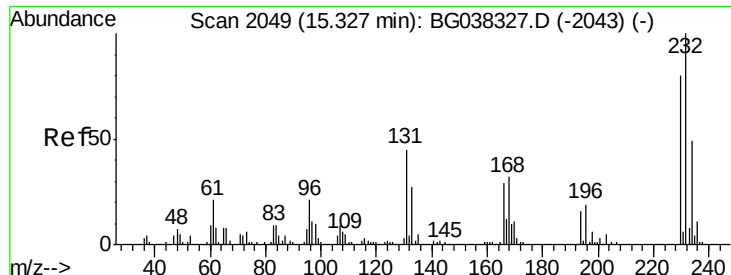
Tgt Ion:	165	Resp:	100676
Ion	Ratio	Lower	Upper
165	100		
63	45.8	33.4	50.0
89	70.5	57.2	85.8
182	2.6	2.6	4.0#



#58
Fluorene
Concen: 50.797 ng
RT: 15.76 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion:	166	Resp:	291496
Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.0	118.6
167	14.5	11.3	16.9

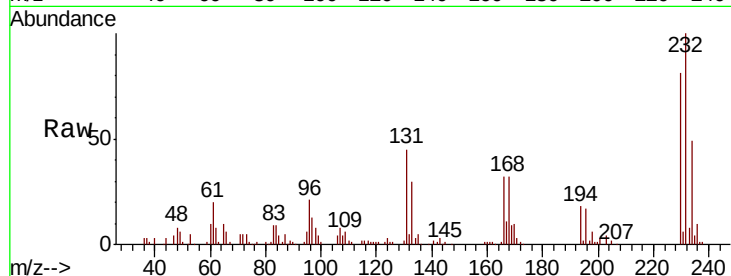




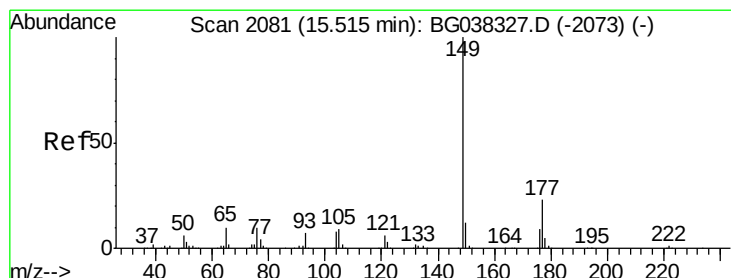
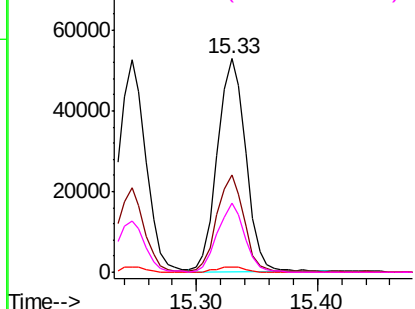
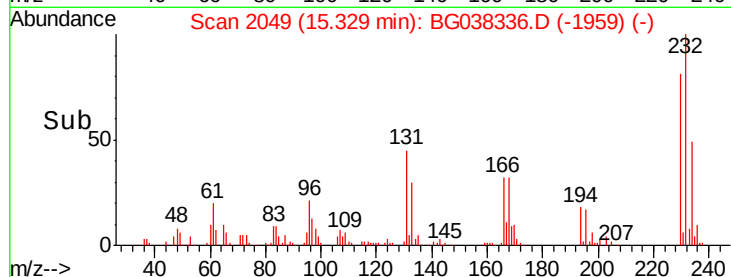
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.882 ng
RT: 15.33 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tgt Ion: 232 Resp: 85603
Ion Ratio Lower Upper
232 100
131 44.5 33.7 50.5
130 2.4 2.1 3.1
166 30.9 24.6 36.8

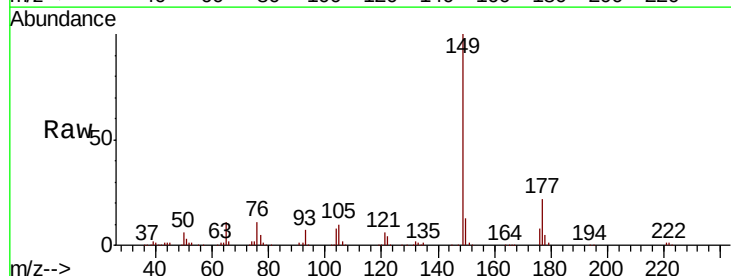


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

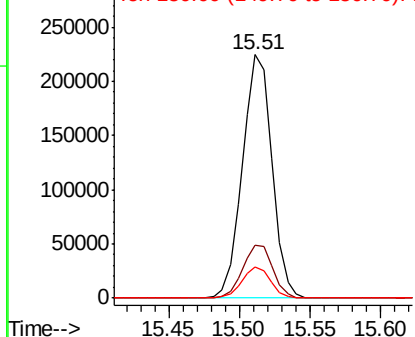
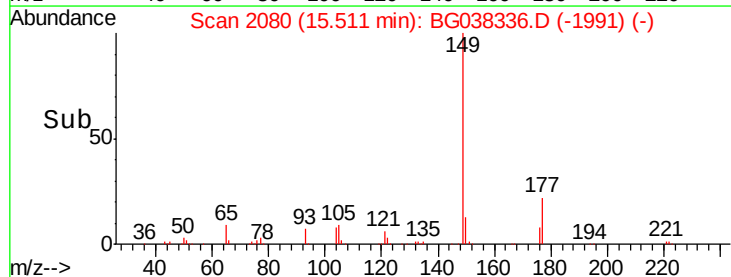


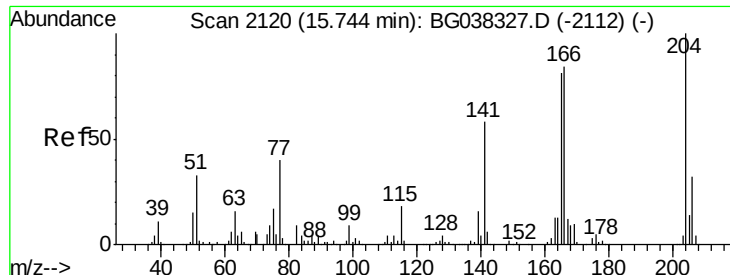
#60
Diethylphthalate
Concen: 45.891 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion: 149 Resp: 328068
Ion Ratio Lower Upper
149 100
177 21.7 18.3 27.5
150 12.9 10.0 15.0



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

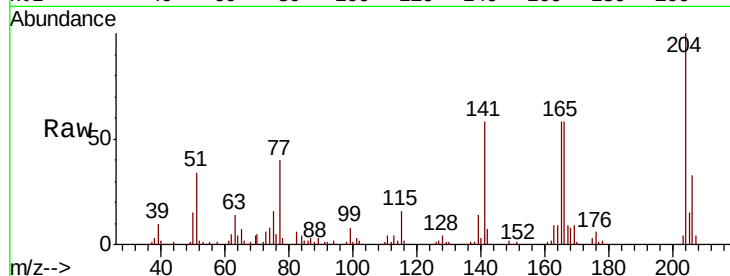




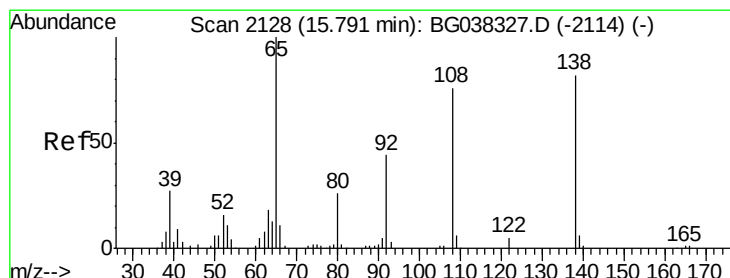
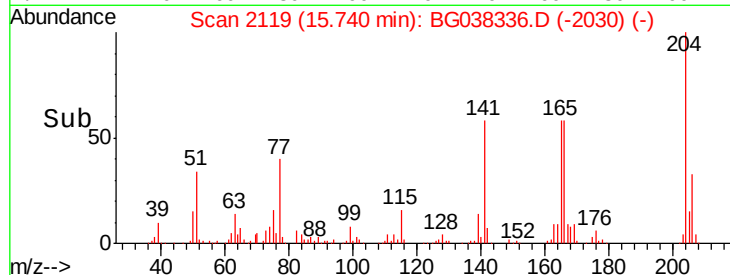
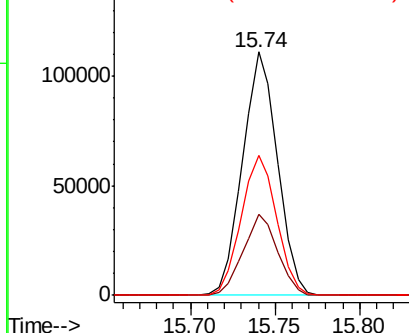
#61
 4-Chlorophenyl-phenylether
 Concen: 46.409 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

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

Tgt Ion: 204 Resp: 159964
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.6 39.8
 141 57.5 45.4 68.2

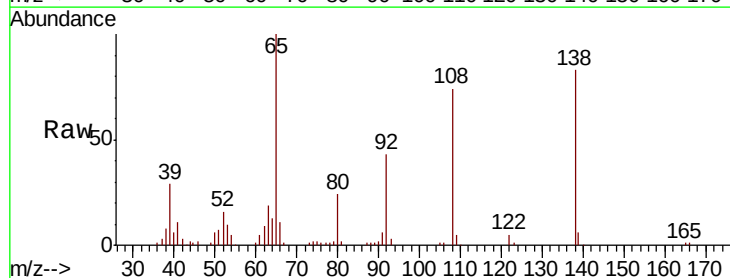


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

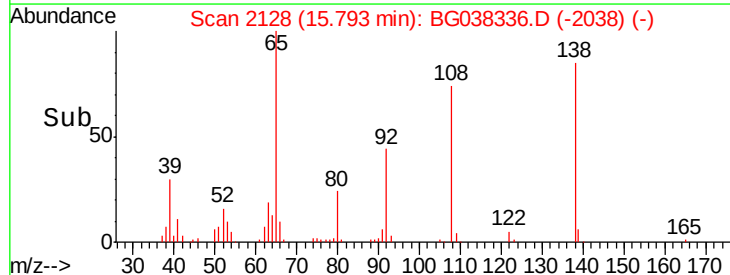
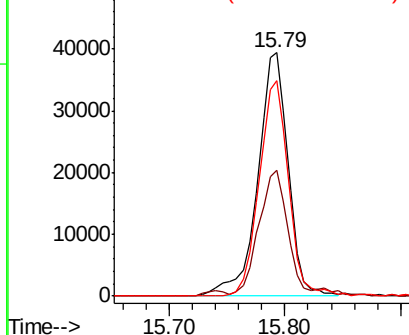


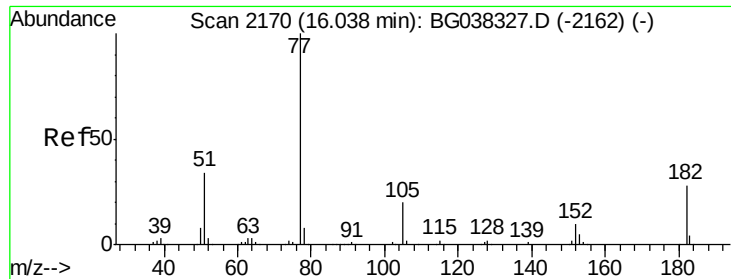
#62
 4-Nitroaniline
 Concen: 46.451 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

Tgt Ion: 138 Resp: 72528
 Ion Ratio Lower Upper
 138 100
 92 51.5 36.4 76.4
 108 88.4 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

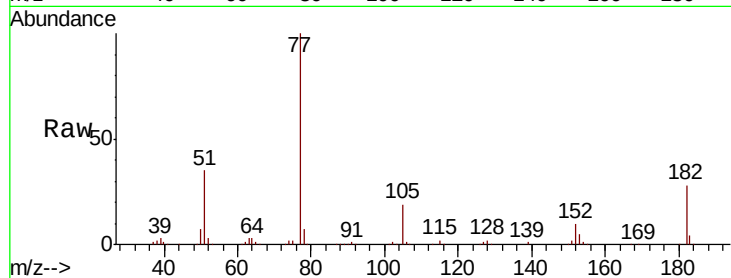




#63
Azobenzene
Concen: 47.080 ng
RT: 16.03 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.6	8.0	48.0
105	19.4	1.3	41.3
51	34.8	10.7	50.7



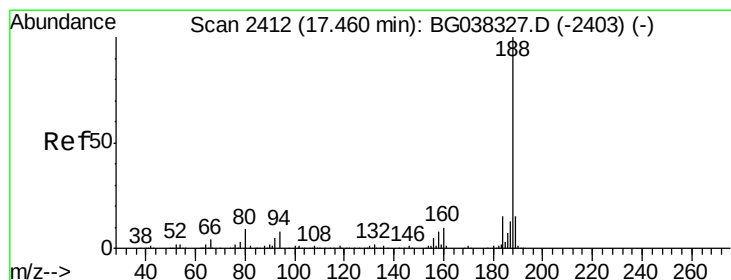
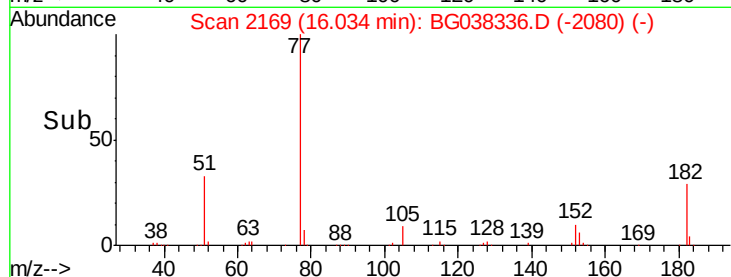
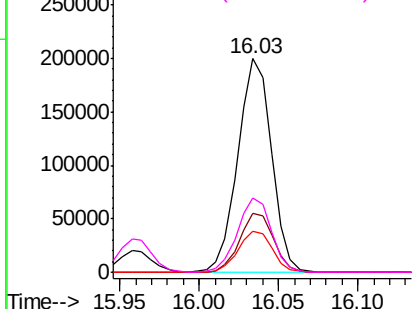
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

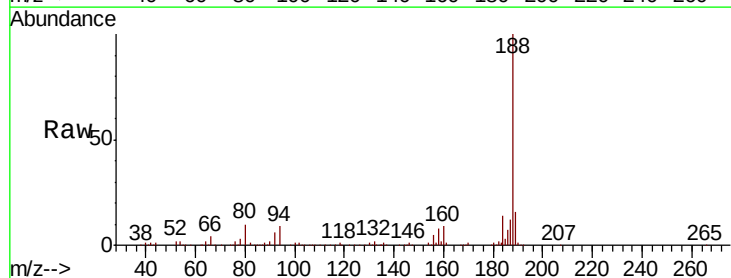
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	10.4	7.7	11.5

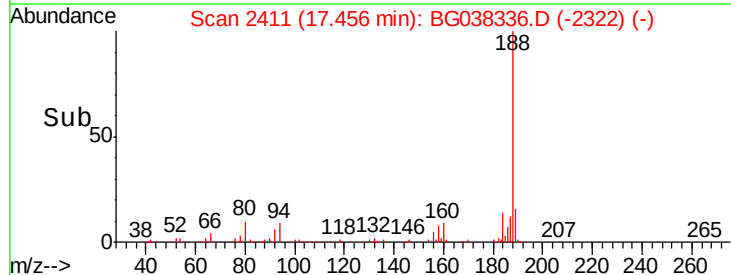
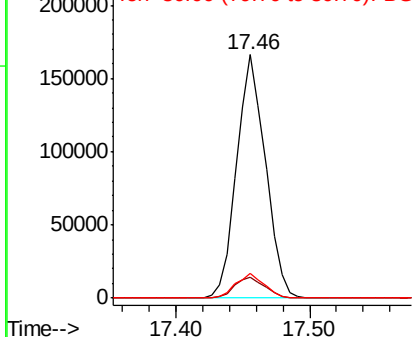


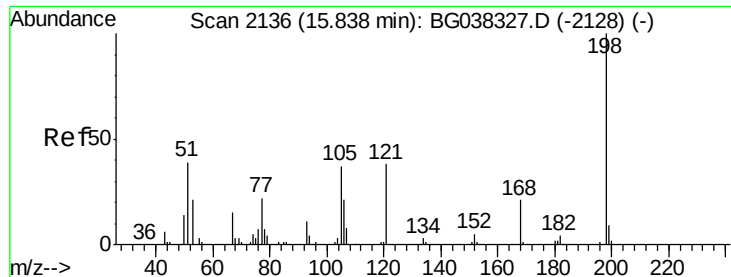
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 39.405 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

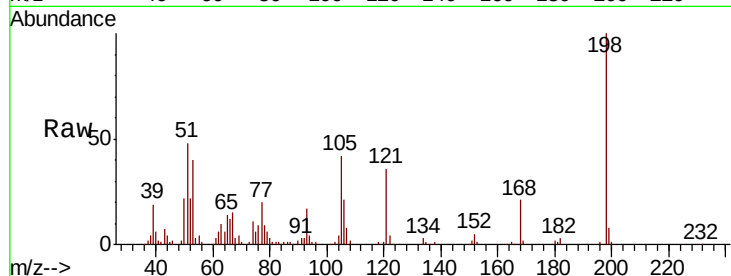
Tgt Ion:198 Resp: 63871

Ion Ratio Lower Upper

198 100

51 48.2 22.7 62.7

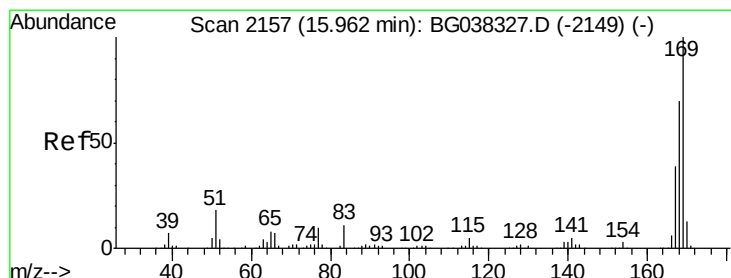
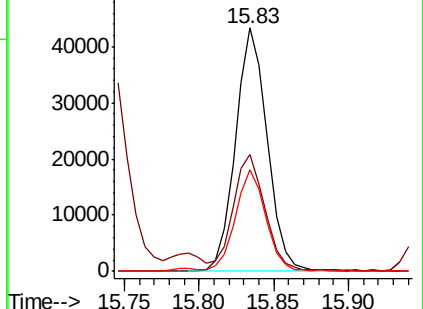
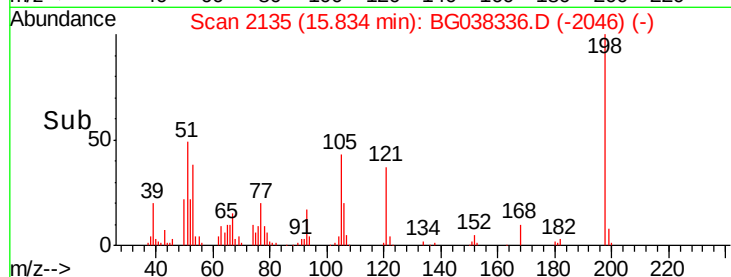
105 41.8 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG038336.D (-2046) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.519 ng

RT: 15.96 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

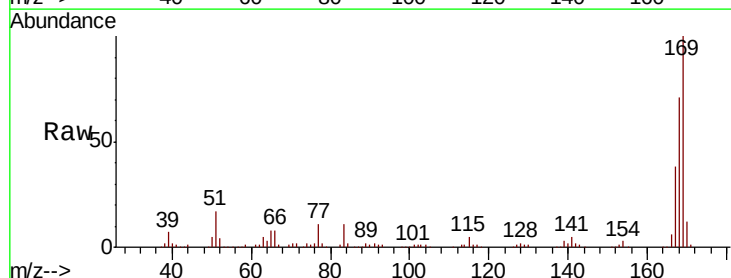
Tgt Ion:169 Resp: 267954

Ion Ratio Lower Upper

169 100

168 71.2 55.7 83.5

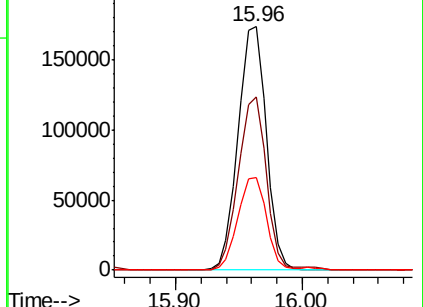
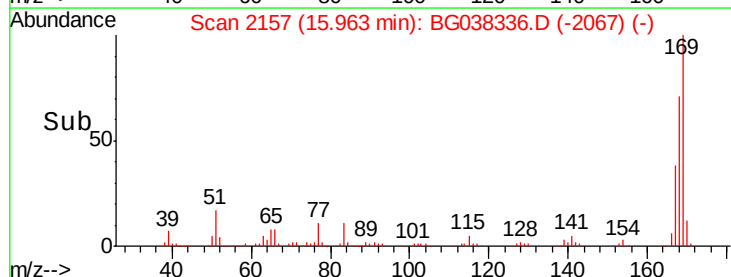
167 38.2 31.3 46.9

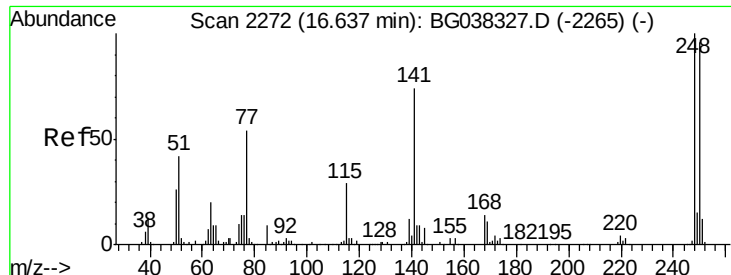


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

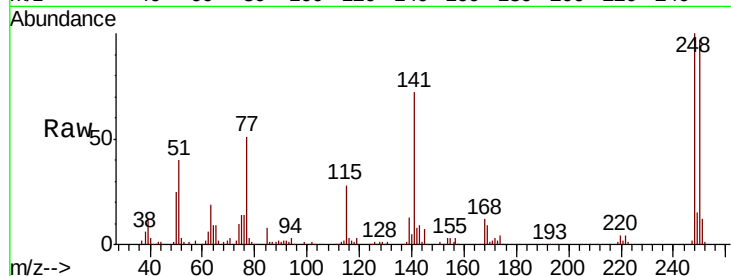




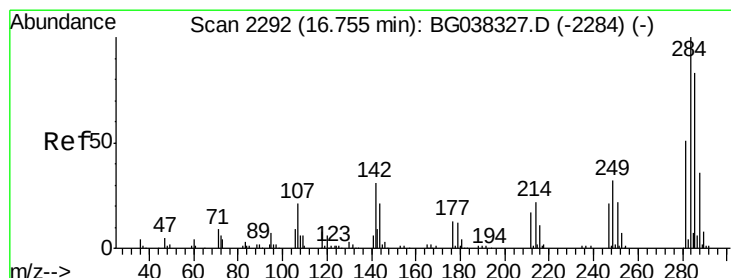
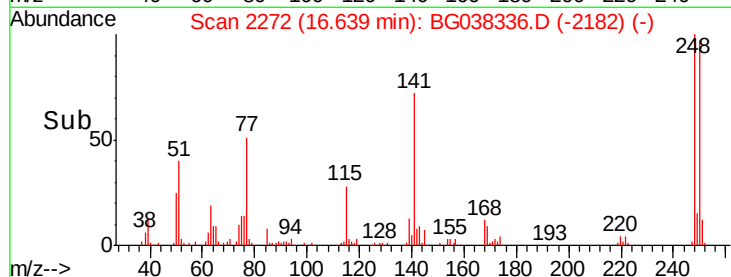
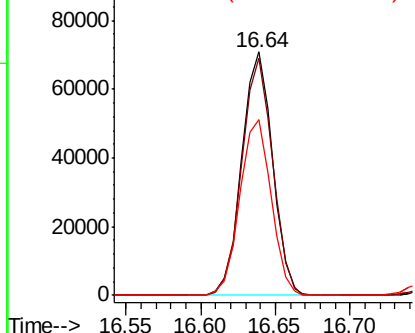
#67
 4-Bromophenyl-phenylether
 Concen: 37.800 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

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

Tgt Ion:248 Resp: 100981
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.0 115.6
 141 72.0 55.5 83.3

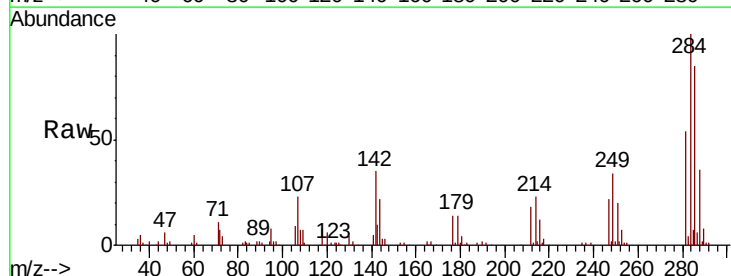


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

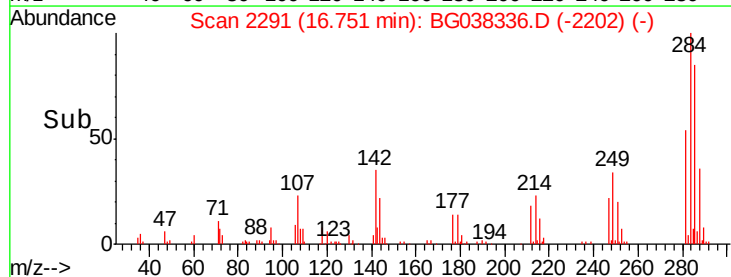
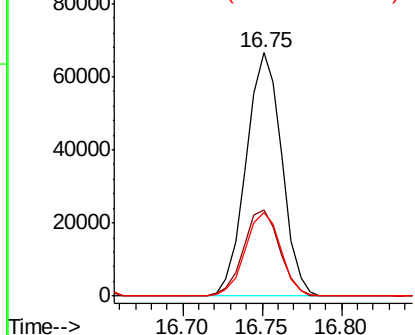


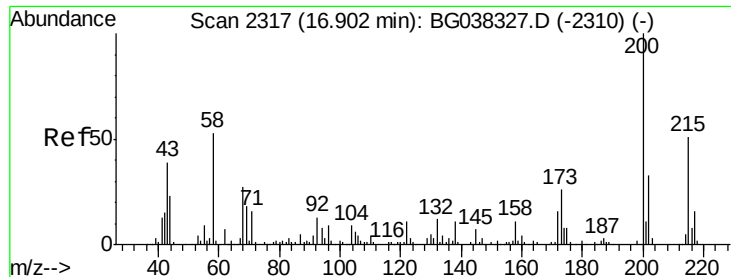
#68
 Hexachlorobenzene
 Concen: 37.780 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

Tgt Ion:284 Resp: 104103
 Ion Ratio Lower Upper
 284 100
 142 35.2 28.1 42.1
 249 36.8 29.8 44.8



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

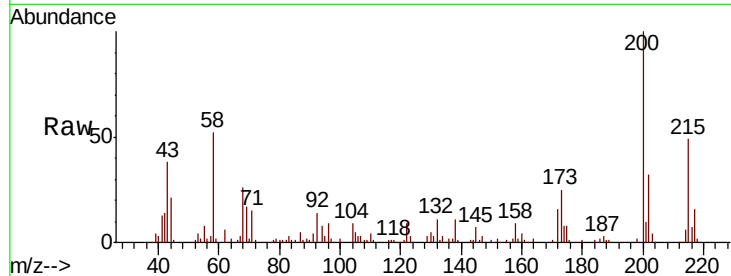




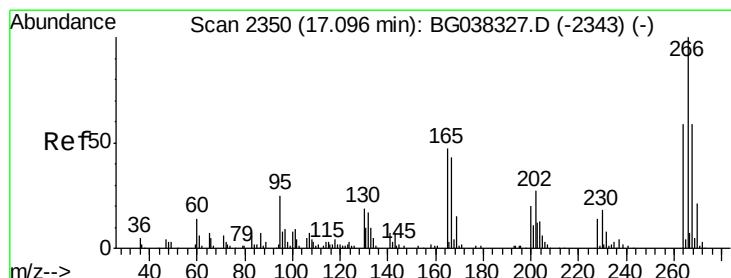
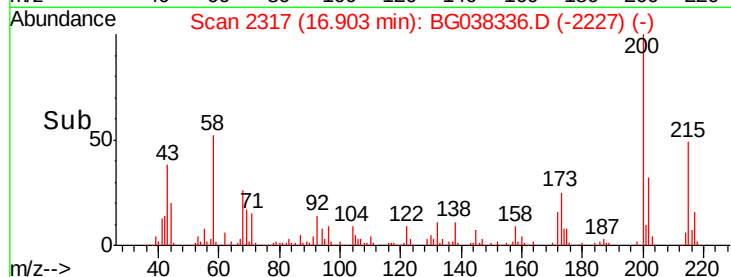
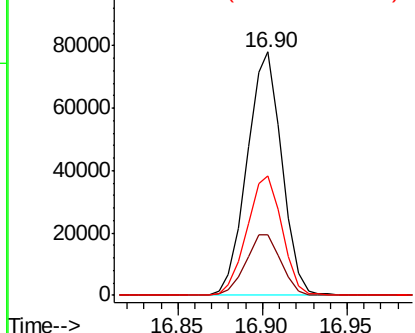
#69
 Atrazine
 Concen: 42.907 ng
 RT: 16.90 min Scan# 2317
 Delta R.T. 0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

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

Tgt Ion:200 Resp: 111377
 Ion Ratio Lower Upper
 200 100
 173 24.9 6.1 46.1
 215 48.8 30.8 70.8

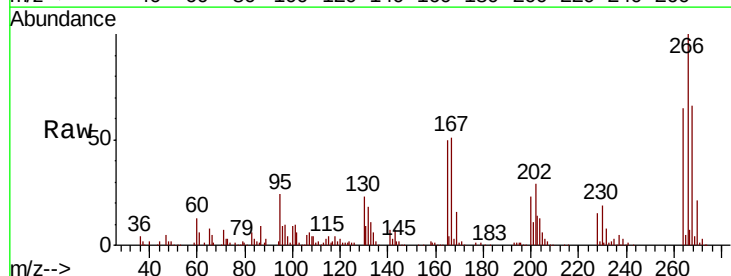


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

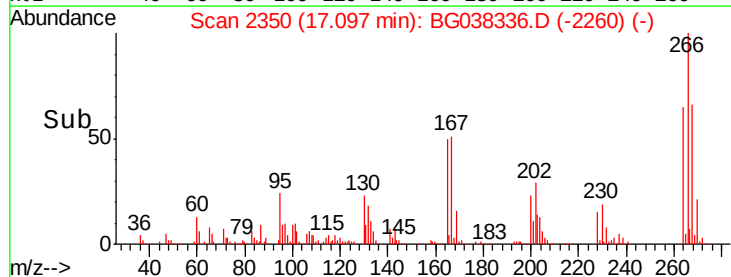
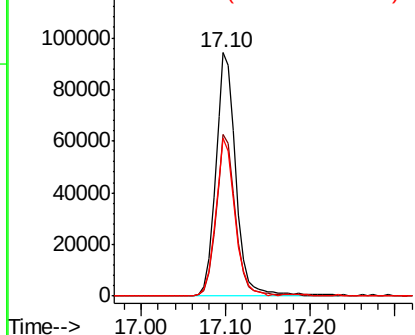


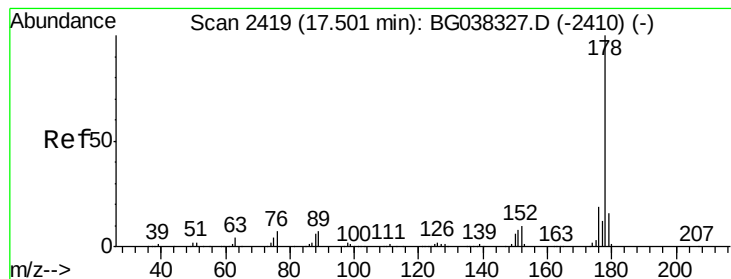
#70
 Pentachlorophenol
 Concen: 83.543 ng
 RT: 17.10 min Scan# 2350
 Delta R.T. 0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

Tgt Ion:266 Resp: 157674
 Ion Ratio Lower Upper
 266 100
 268 70.8 55.0 82.6
 264 70.3 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: 45.174 ng

RT: 17.50 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

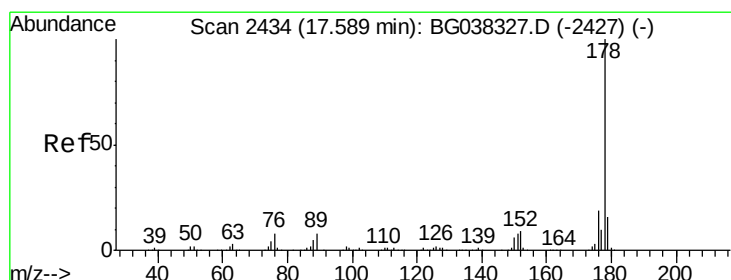
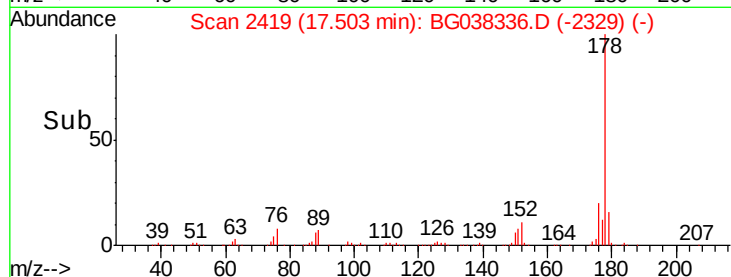
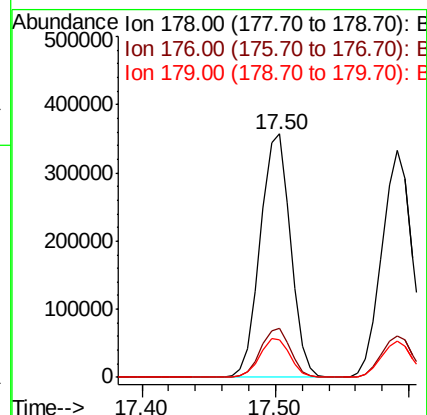
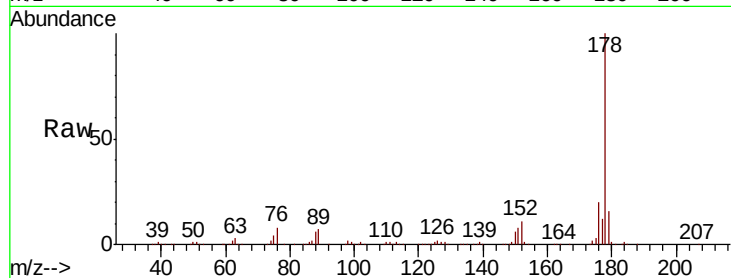
Tgt Ion:178 Resp: 559644

Ion Ratio Lower Upper

178 100

176 20.1 16.1 24.1

179 15.6 13.0 19.4



#72

Anthracene

Concen: 43.424 ng

RT: 17.59 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

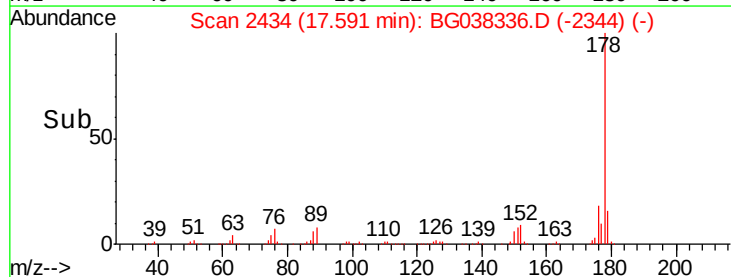
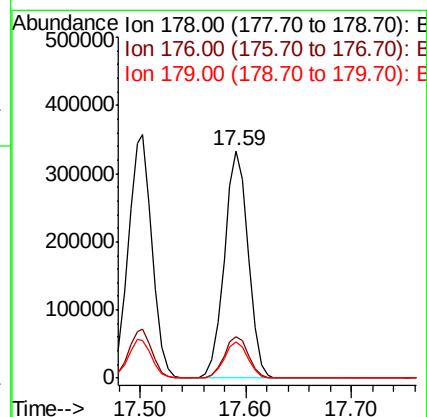
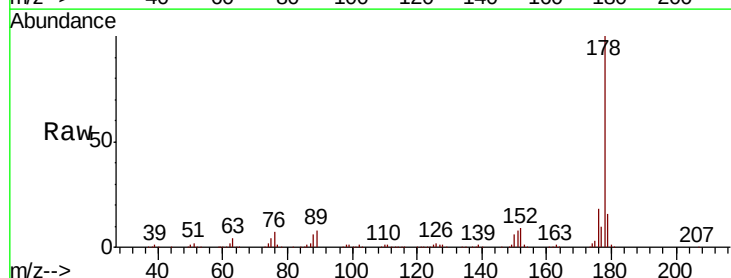
Tgt Ion:178 Resp: 520965

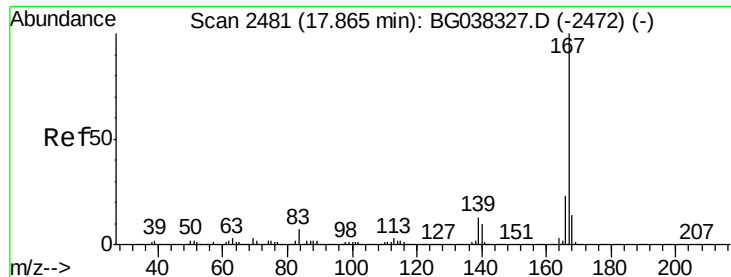
Ion Ratio Lower Upper

178 100

176 18.1 15.0 22.4

179 16.0 12.8 19.2

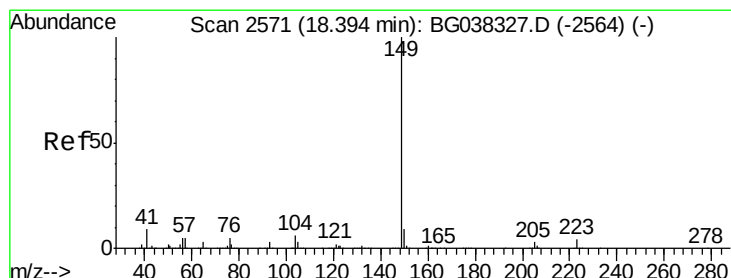
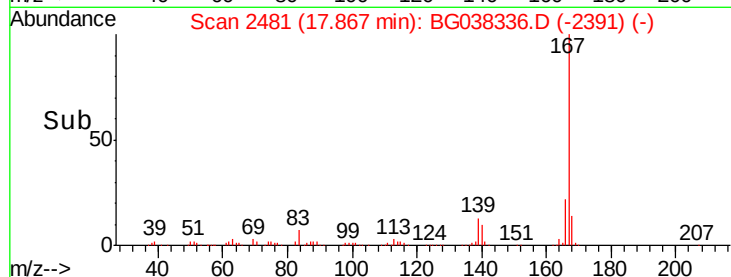
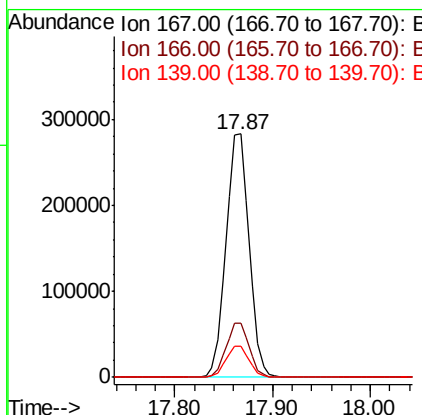
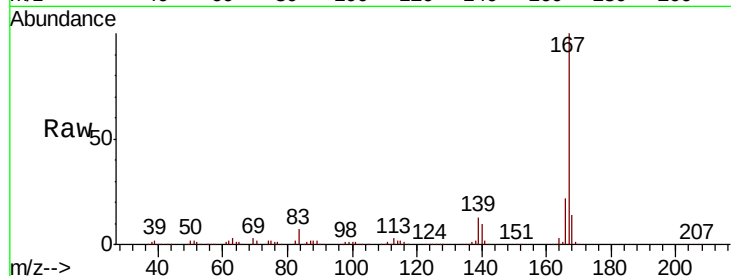




#73
 Carbazole
 Concen: 39.144 ng
 RT: 17.87 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

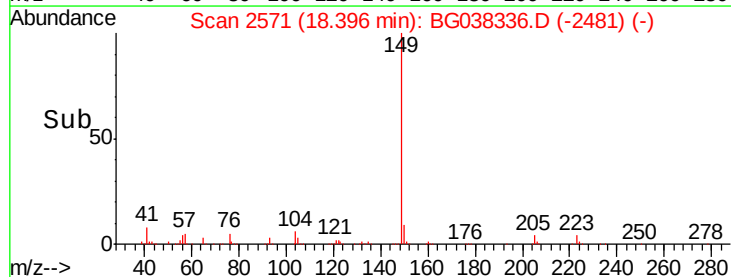
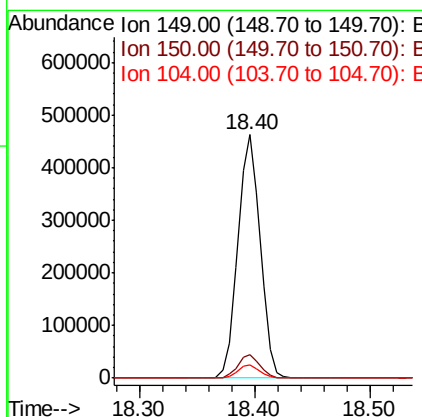
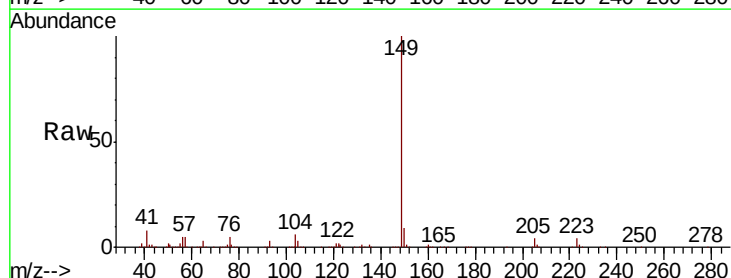
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMSD

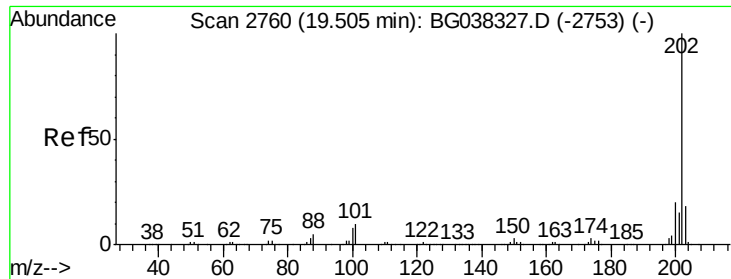
Tgt Ion:	167	Resp:	466101
Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.3	27.5
139	13.0	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 44.341 ng
 RT: 18.40 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

Tgt Ion:	149	Resp:	616816
Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.2	12.2
104	5.5	4.0	6.0

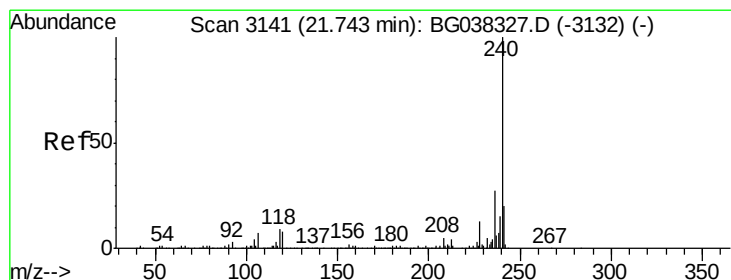
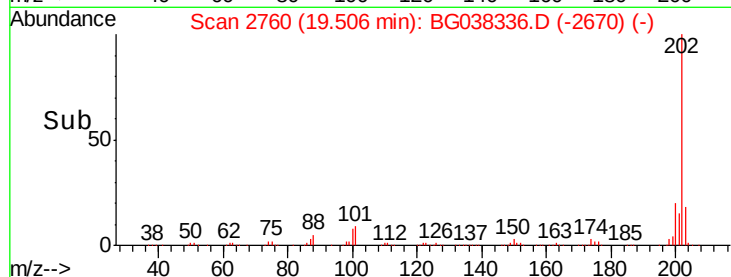
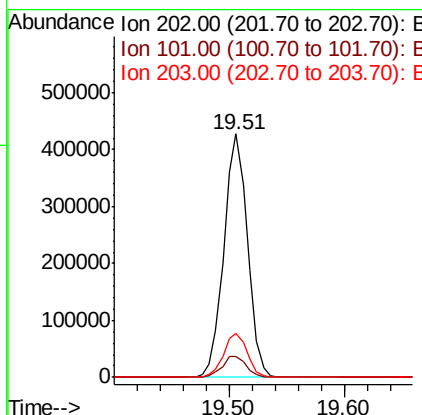
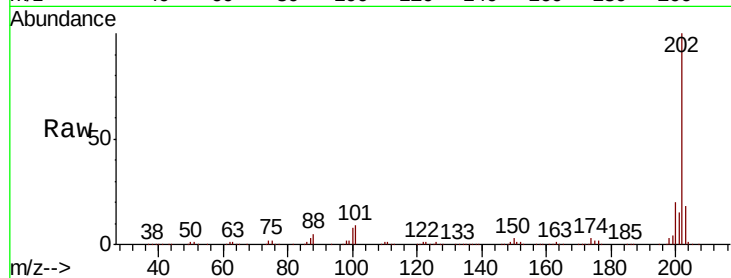




#75
 Fluoranthene
 Concen: 41.792 ng
 RT: 19.51 min Scan# 2760
 Delta R.T. 0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

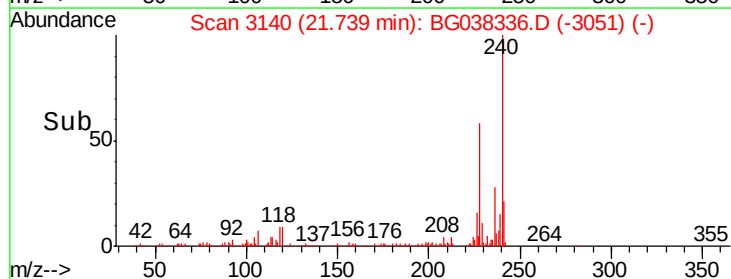
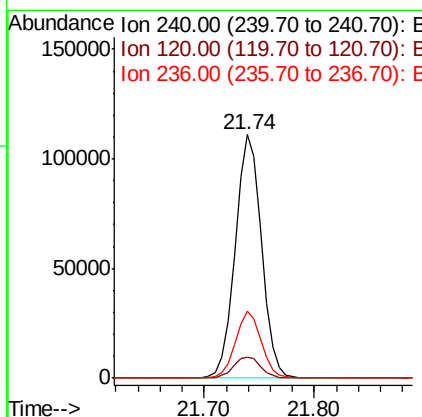
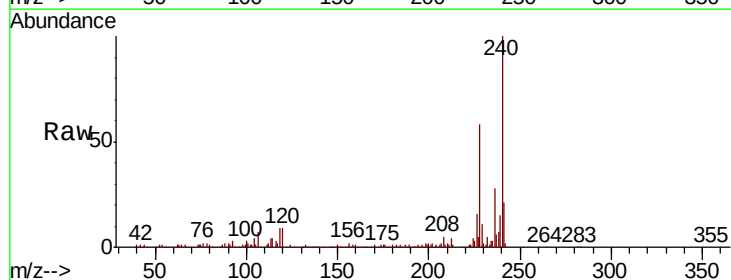
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMSD

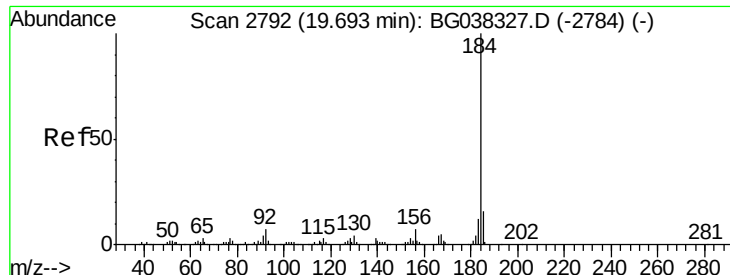
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	30.7
203	17.9	0.0	38.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.1	12.1
236	27.6	21.4	32.0

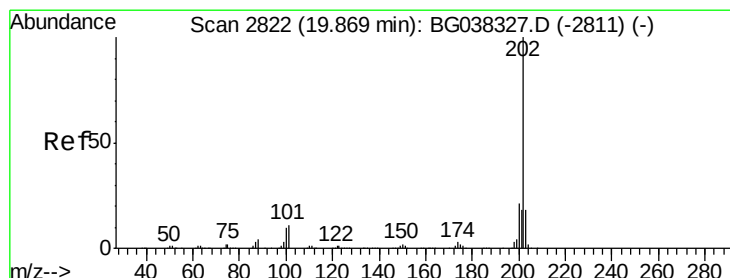
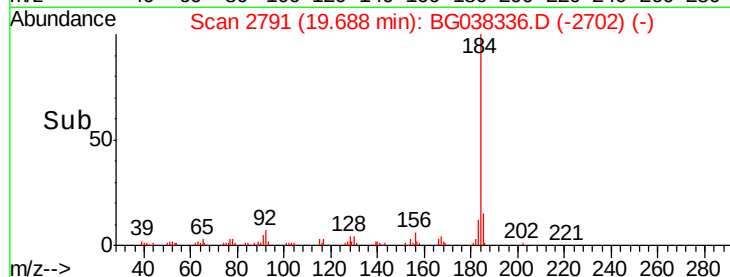
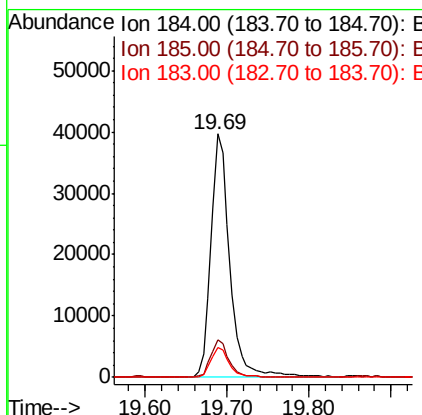
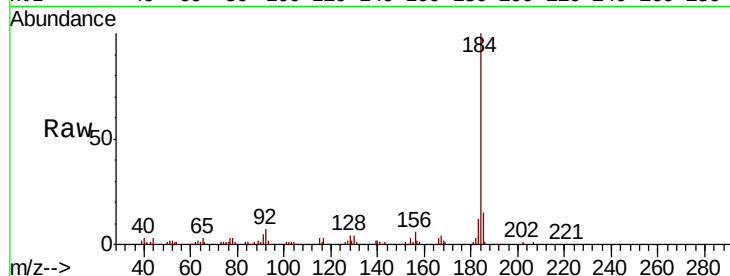




#77
Benzidine
Concen: 10.218 ng
RT: 19.69 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

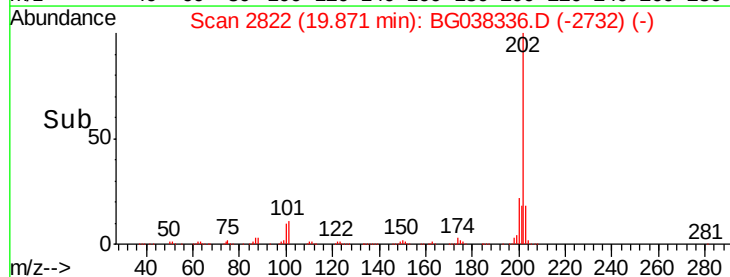
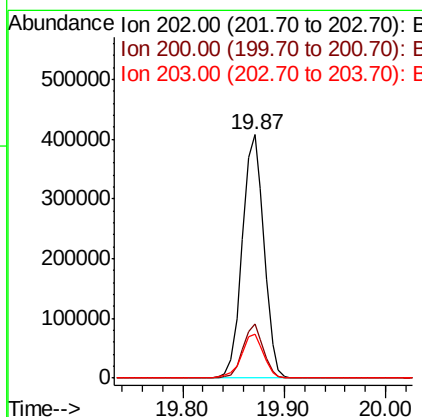
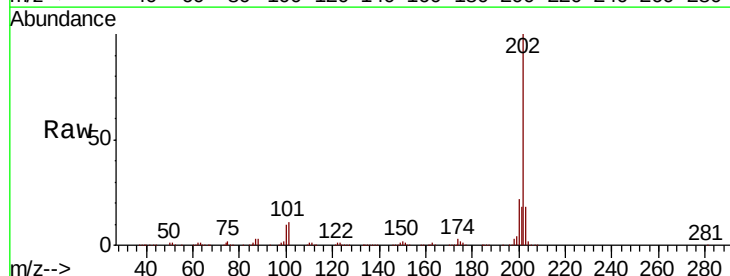
Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMSD

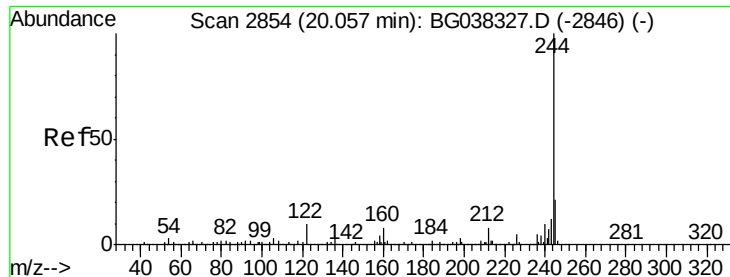
Tgt Ion:184 Resp: 63937
Ion Ratio Lower Upper
184 100
185 15.3 12.6 18.8
183 12.4 10.2 15.2



#78
Pyrene
Concen: 46.547 ng
RT: 19.87 min Scan# 2822
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion:202 Resp: 603922
Ion Ratio Lower Upper
202 100
200 22.0 17.8 26.6
203 18.0 15.2 22.8





#79

Terphenyl-d14

Concen: 87.886 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

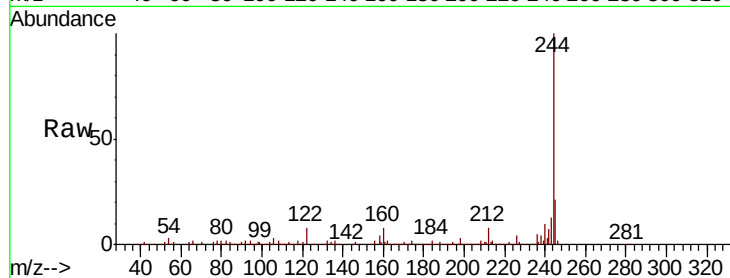
Tgt Ion:244 Resp: 760745

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

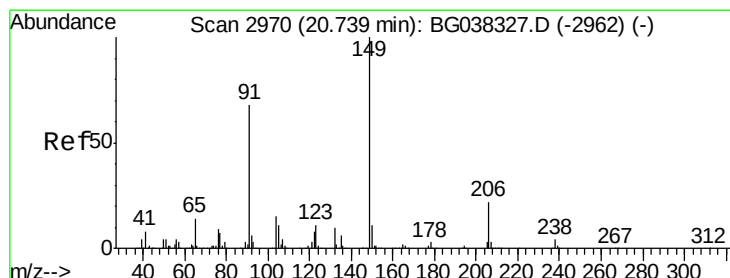
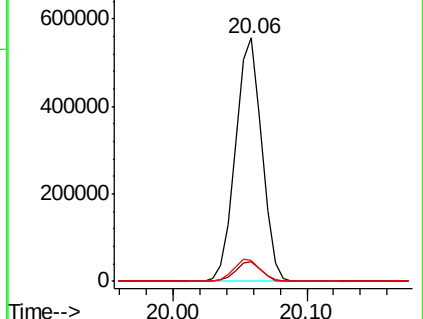
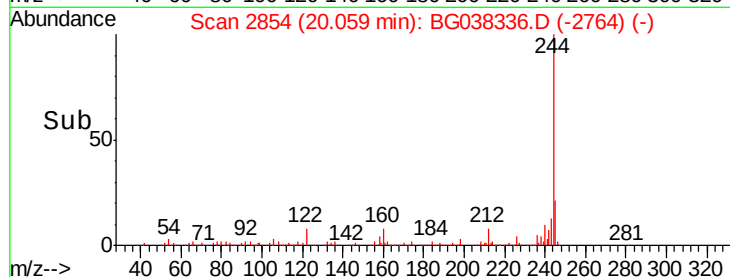
122 8.5 9.0 13.4#



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: 47.756 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

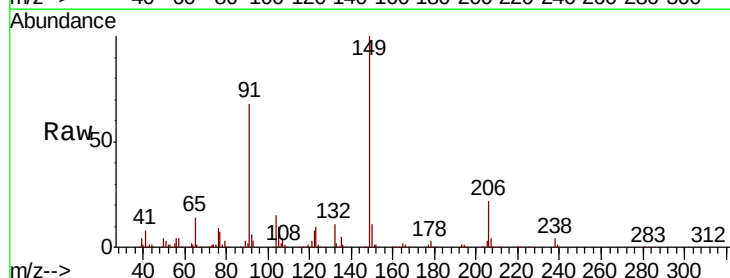
Tgt Ion:149 Resp: 249209

Ion Ratio Lower Upper

149 100

91 68.3 57.0 85.4

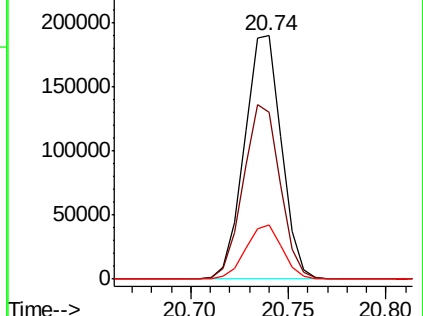
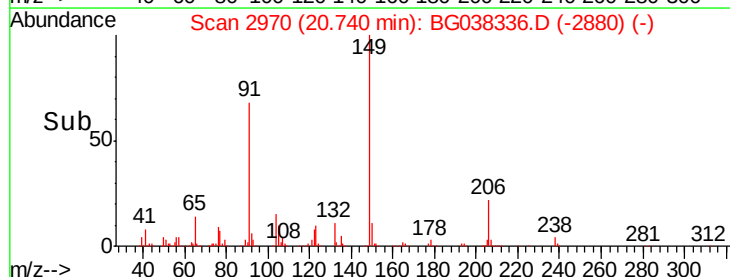
206 22.4 17.8 26.6

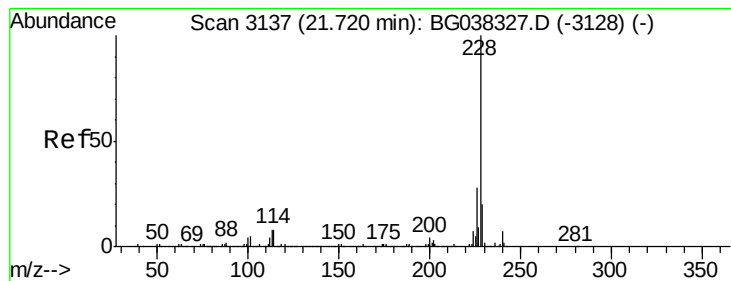


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.740 ng

RT: 21.72 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

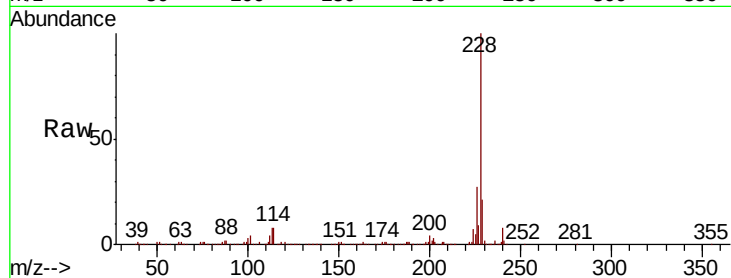
Tgt Ion:228 Resp: 566891

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

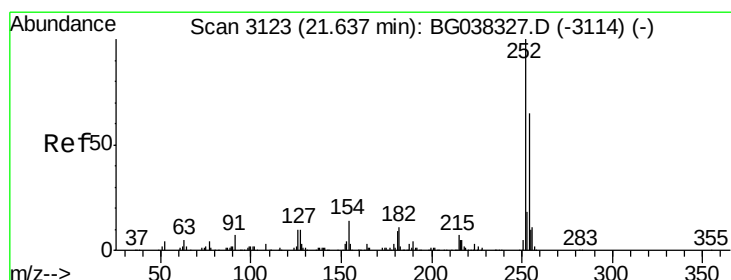
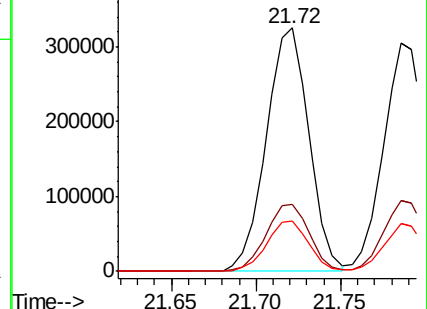
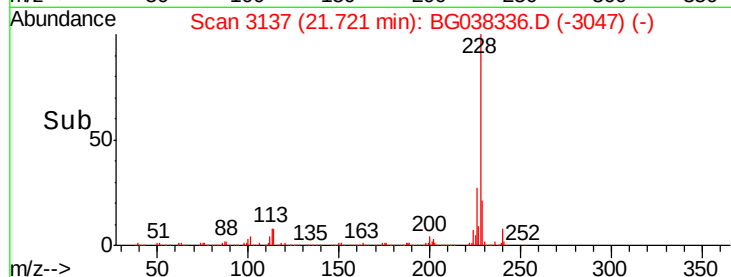
229 20.5 16.3 24.5



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: 19.246 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

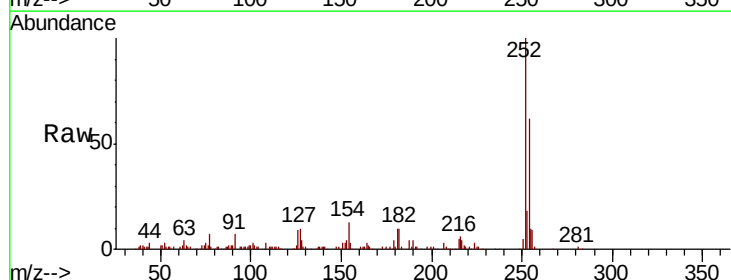
Tgt Ion:252 Resp: 85329

Ion Ratio Lower Upper

252 100

254 62.1 52.0 78.0

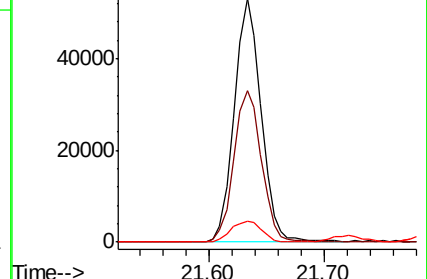
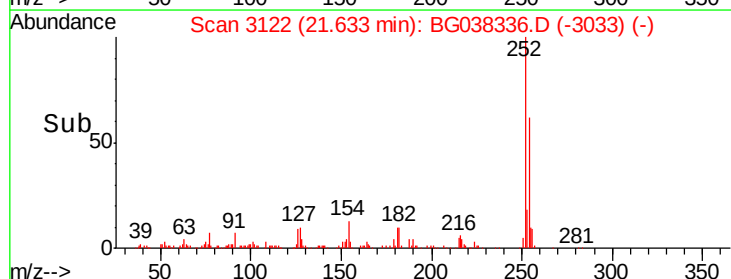
126 8.5 8.2 12.4

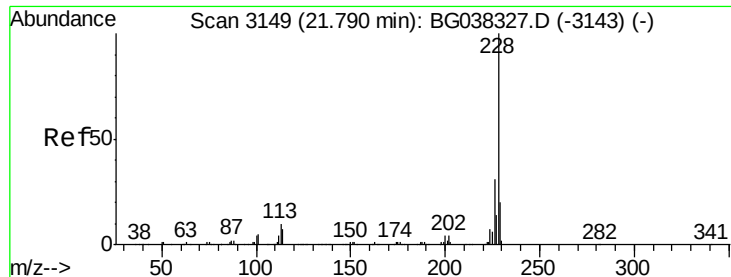


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

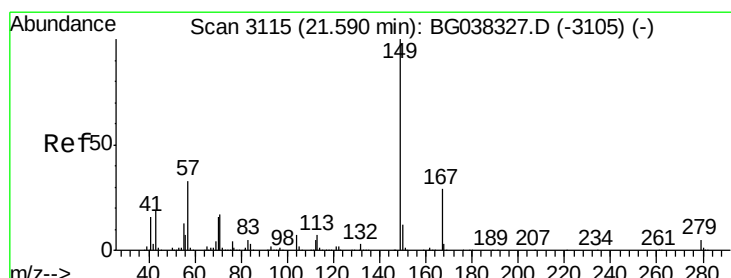
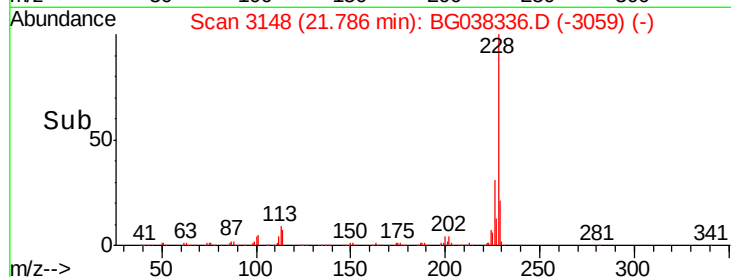
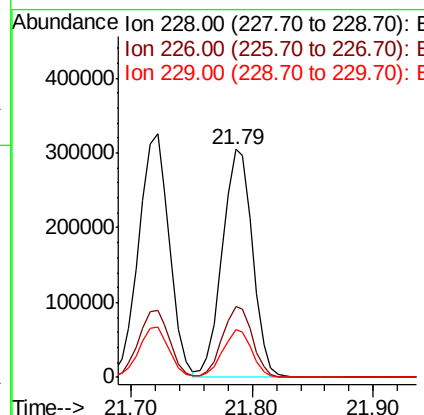
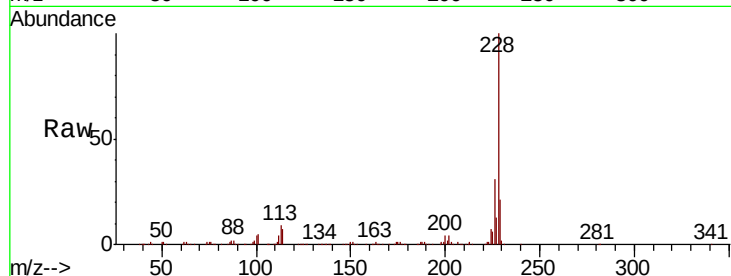




#83
 Chrysene
 Concen: 48.759 ng
 RT: 21.79 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

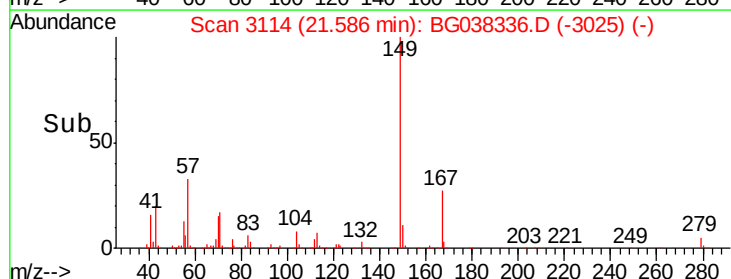
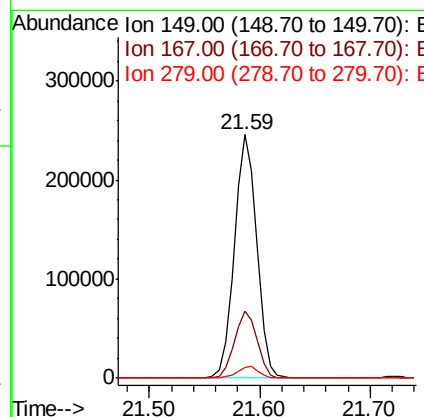
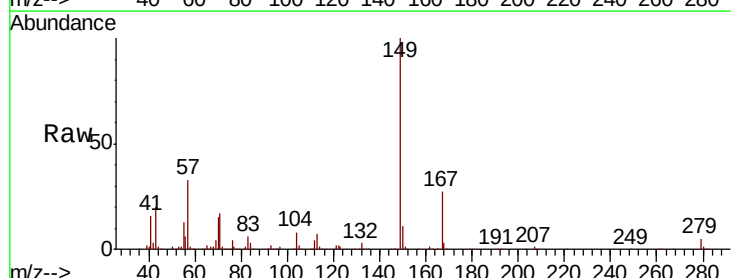
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMSD

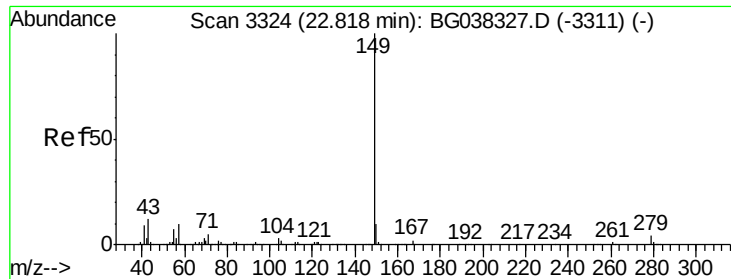
Tgt Ion: 228 Resp: 525867
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.7 38.5
 229 20.8 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.235 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

Tgt Ion: 149 Resp: 349371
 Ion Ratio Lower Upper
 149 100
 167 27.3 23.0 34.4
 279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 62.342 ng

RT: 22.82 min Scan# 3324

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

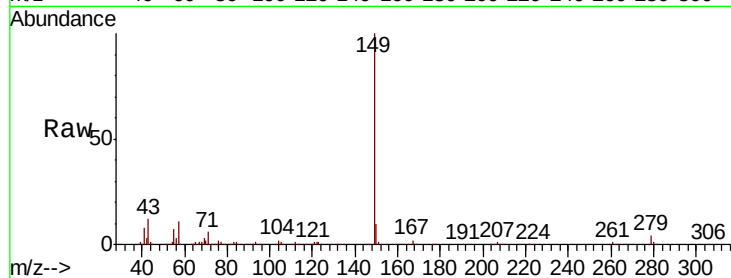
Tgt Ion:149 Resp: 790658

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.2 8.7 13.1

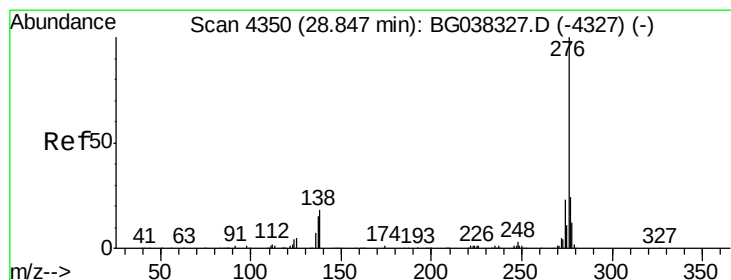
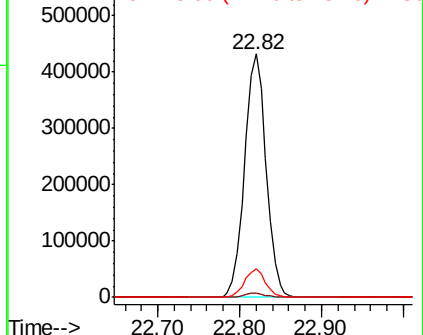
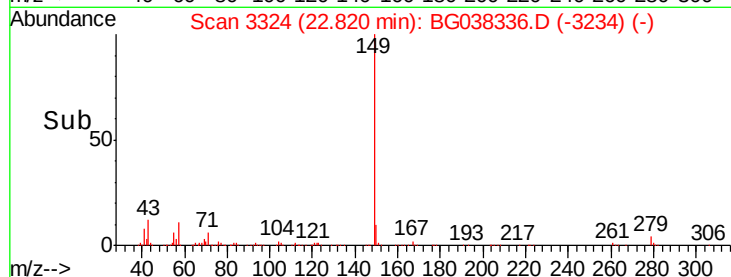


Abundance

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: 59.181 ng

RT: 28.85 min Scan# 4350

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

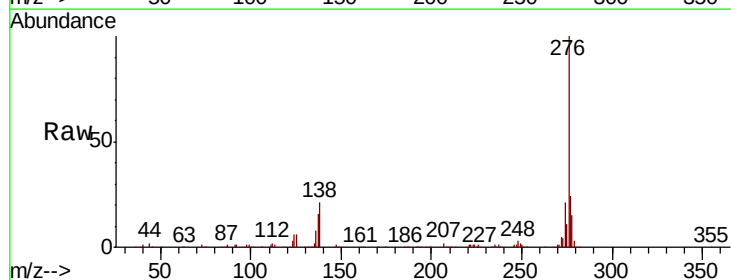
Tgt Ion:276 Resp: 725381

Ion Ratio Lower Upper

276 100

138 17.9 12.0 18.0

277 25.3 20.6 30.8

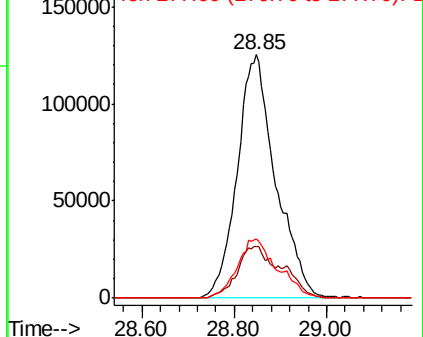
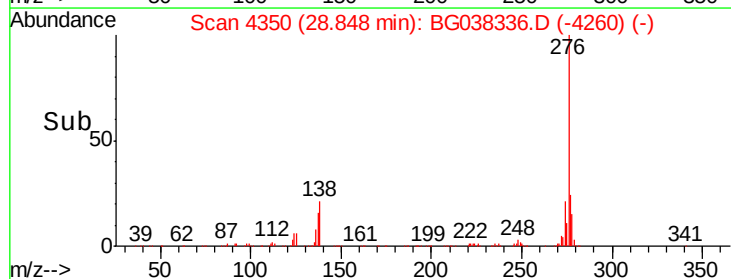


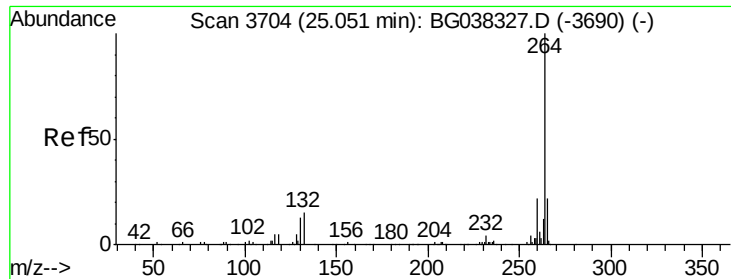
Abundance

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

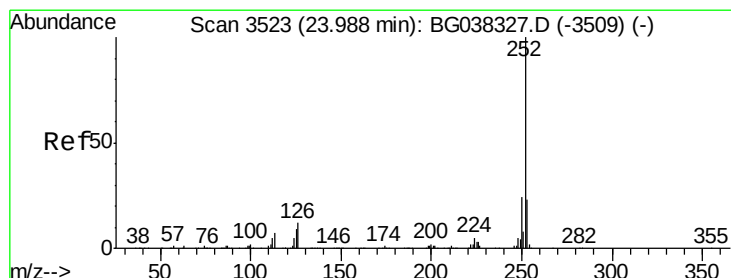
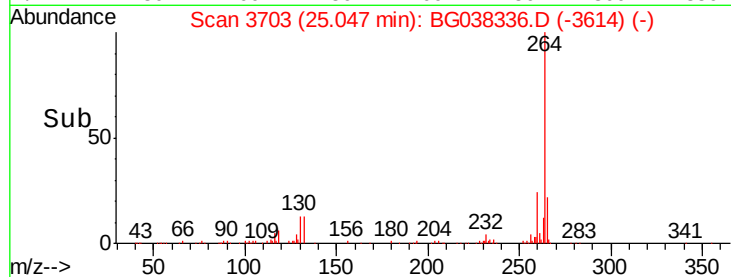
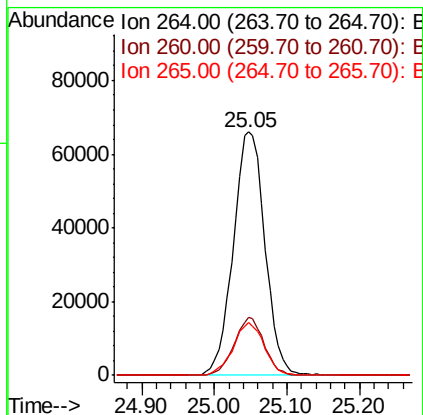
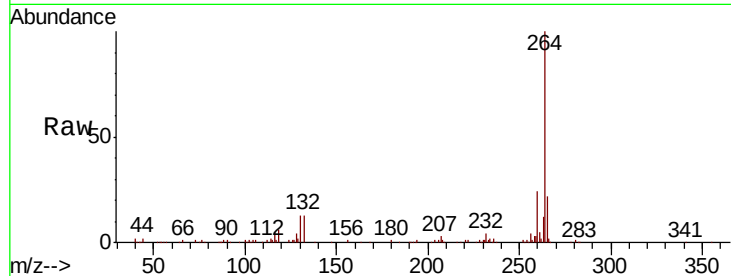




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3703
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

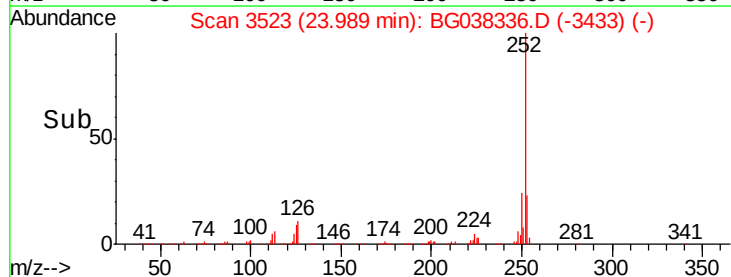
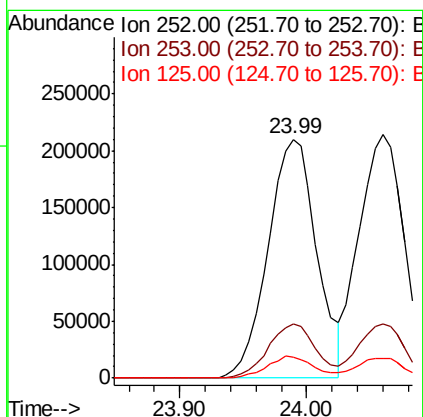
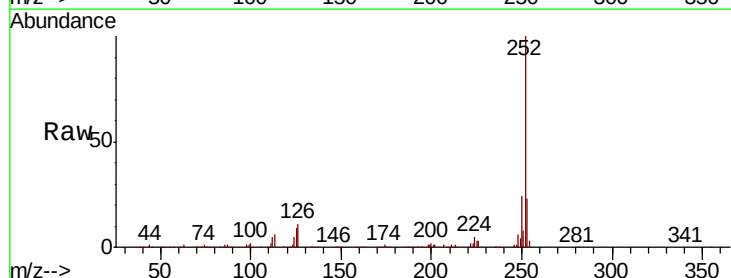
Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMSD

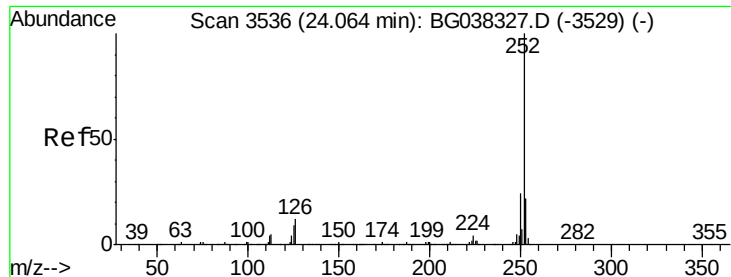
Tgt Ion:264 Resp: 199805
Ion Ratio Lower Upper
264 100
260 23.7 18.2 27.4
265 21.8 17.9 26.9



#88
Benzo(b)fluoranthene
Concen: 49.700 ng
RT: 23.99 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion:252 Resp: 561099
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 8.7 7.8 11.6

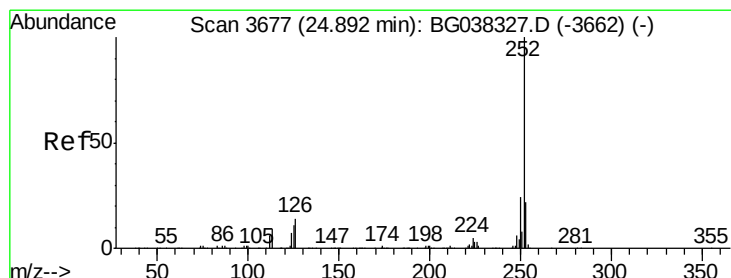
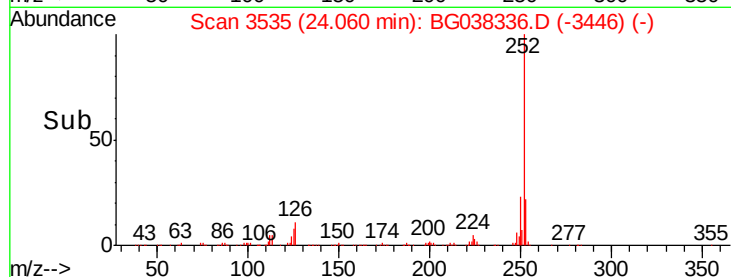
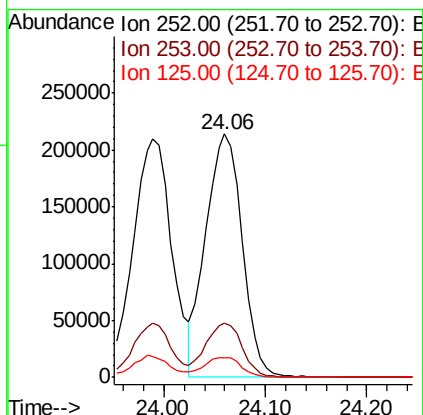
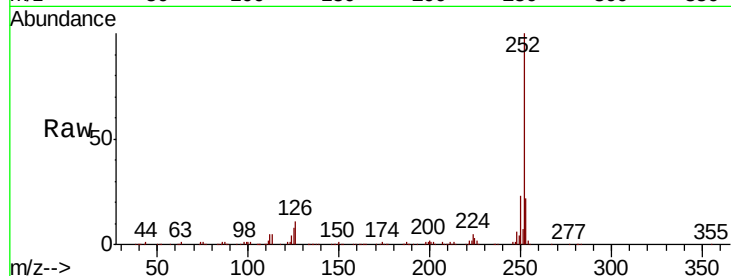




#89
Benzo(k)fluoranthene
Concen: 47.338 ng
RT: 24.06 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

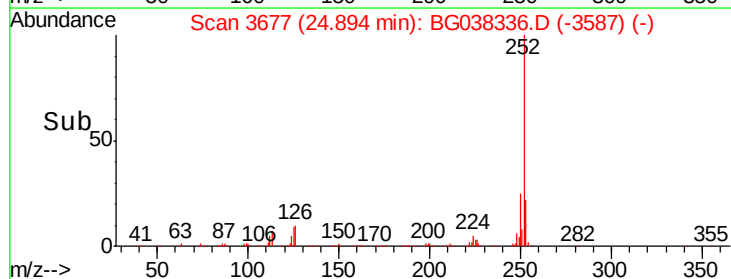
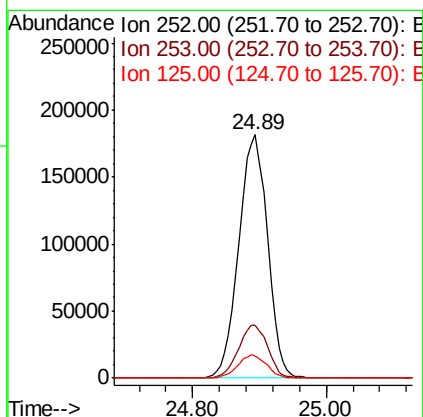
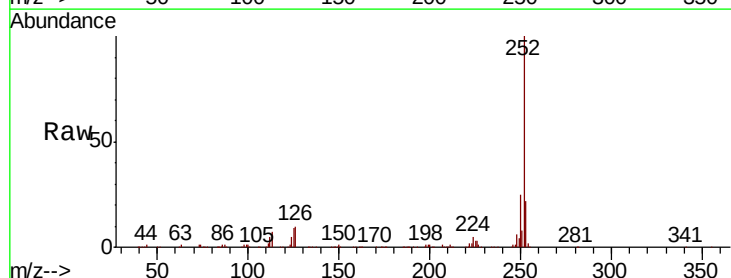
Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMSD

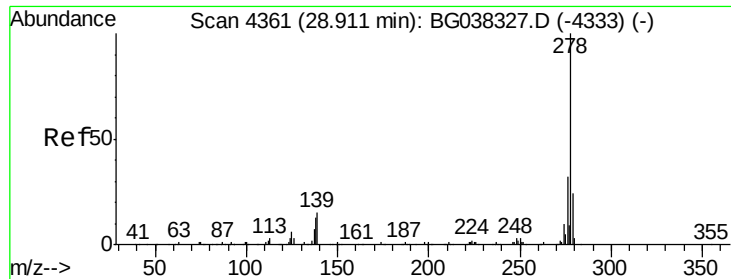
Tgt Ion:252 Resp: 532269
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 8.0 7.4 11.0



#90
Benzo(a)pyrene
Concen: 49.301 ng
RT: 24.89 min Scan# 3677
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion:252 Resp: 539883
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.0 9.0 13.6#





#91

Dibenzo(a,h)anthracene

Concen: 54.488 ng

RT: 28.91 min Scan# 4361

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

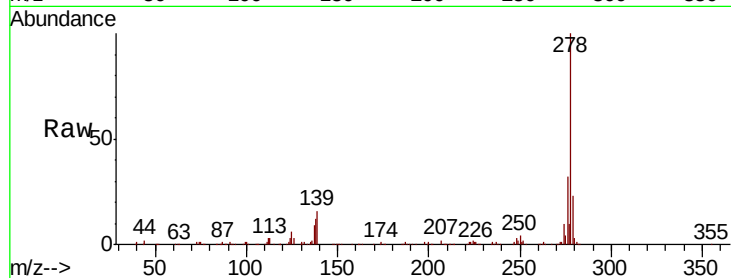
Tgt Ion:278 Resp: 565927

Ion Ratio Lower Upper

278 100

139 15.9 11.5 17.3

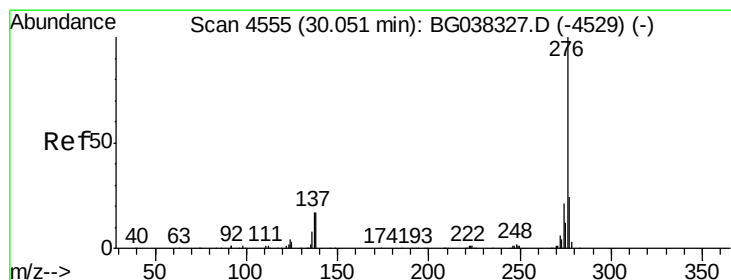
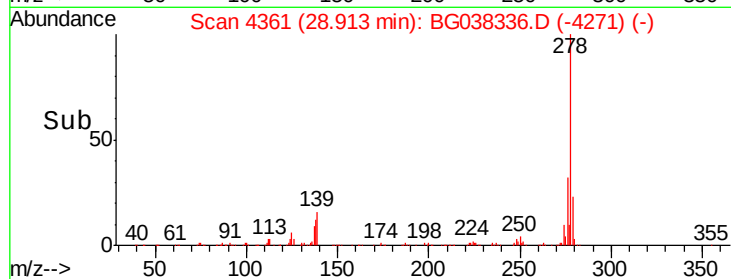
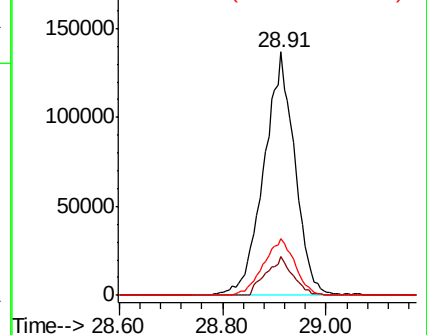
279 23.4 18.6 27.8



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: 51.040 ng

RT: 30.04 min Scan# 4553

Delta R.T. -0.01 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

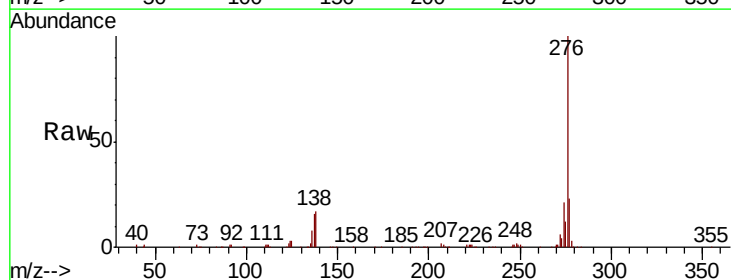
Tgt Ion:276 Resp: 525945

Ion Ratio Lower Upper

276 100

277 22.7 18.9 28.3

138 17.3 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

