

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038331.D
 Acq On : 4 Dec 2018 16:17
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG120418

Quant Time: Dec 04 19:16:56 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	8.08	152	39942	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	187571	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	108060	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	255270	20.00	ng	0.00
76) Chrysene-d12	21.74	240	216403	20.00	ng	0.00
87) Perylene-d12	25.05	264	226049	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	181093	80.23	ng	0.00
7) Phenol-d6	7.22	99	258727	79.31	ng	0.00
23) Nitrobenzene-d5	9.25	82	282106	74.67	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	102737	77.45	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	629585	83.02	ng	0.00
79) Terphenyl-d14	20.06	244	753781	74.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	37944	36.680	ng	98
3) Pyridine	3.91	79	138249	44.672	ng	98
4) n-Nitrosodimethylamine	3.83	42	59484	43.880	ng	97
6) Aniline	7.40	93	165300	39.673	ng	96
8) 2-Chlorophenol	7.63	128	105723	40.332	ng	99
9) Benzaldehyde	7.22	77	79979	38.717	ng	99
10) Phenol	7.25	94	135123	39.203	ng	95
11) bis(2-Chloroethyl)ether	7.49	93	110616	39.186	ng	98
12) 1,3-Dichlorobenzene	7.96	146	124147	40.522	ng	98
13) 1,4-Dichlorobenzene	8.11	146	125012	39.437	ng	98
14) 1,2-Dichlorobenzene	8.43	146	115061	39.271	ng	97
15) Benzyl Alcohol	8.32	79	109712	40.907	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	244661	38.105	ng	96
17) 2-Methylphenol	8.51	107	92760	38.168	ng	96
18) Hexachloroethane	9.16	117	51564	45.070	ng	93
19) n-Nitroso-di-n-propylamine	8.88	70	93358	39.109	ng	94
20) 3+4-Methylphenols	8.84	107	133112	38.334	ng	96
22) Acetophenone	8.90	105	170695	37.541	ng	# 98
24) Nitrobenzene	9.30	77	141192	36.784	ng	93
25) Isophorone	9.81	82	341521	51.438	ng	96
26) 2-Nitrophenol	10.01	139	98062	55.137	ng	98
27) 2,4-Dimethylphenol	10.05	122	143498	56.174	ng	98
28) bis(2-Chloroethoxy)methane	10.29	93	210022	55.179	ng	97
29) 2,4-Dichlorophenol	10.54	162	146241	50.151	ng	97
30) 1,2,4-Trichlorobenzene	10.75	180	136446	39.860	ng	97
31) Naphthalene	10.94	128	360383	40.222	ng	100
32) Benzoic acid	10.20	122	97017	52.952	ng	99
33) 4-Chloroaniline	11.06	127	165054	41.613	ng	99
34) Hexachlorobutadiene	11.21	225	85782	40.057	ng	96
35) Caprolactam	11.85	113	45661	37.865	ng	# 85
36) 4-Chloro-3-methylphenol	12.16	107	124667	38.478	ng	97
37) 2-Methylnaphthalene	12.55	142	244029	38.245	ng	97
38) 1-Methylnaphthalene	12.76	142	253154	41.424	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	153955	41.404	ng	99

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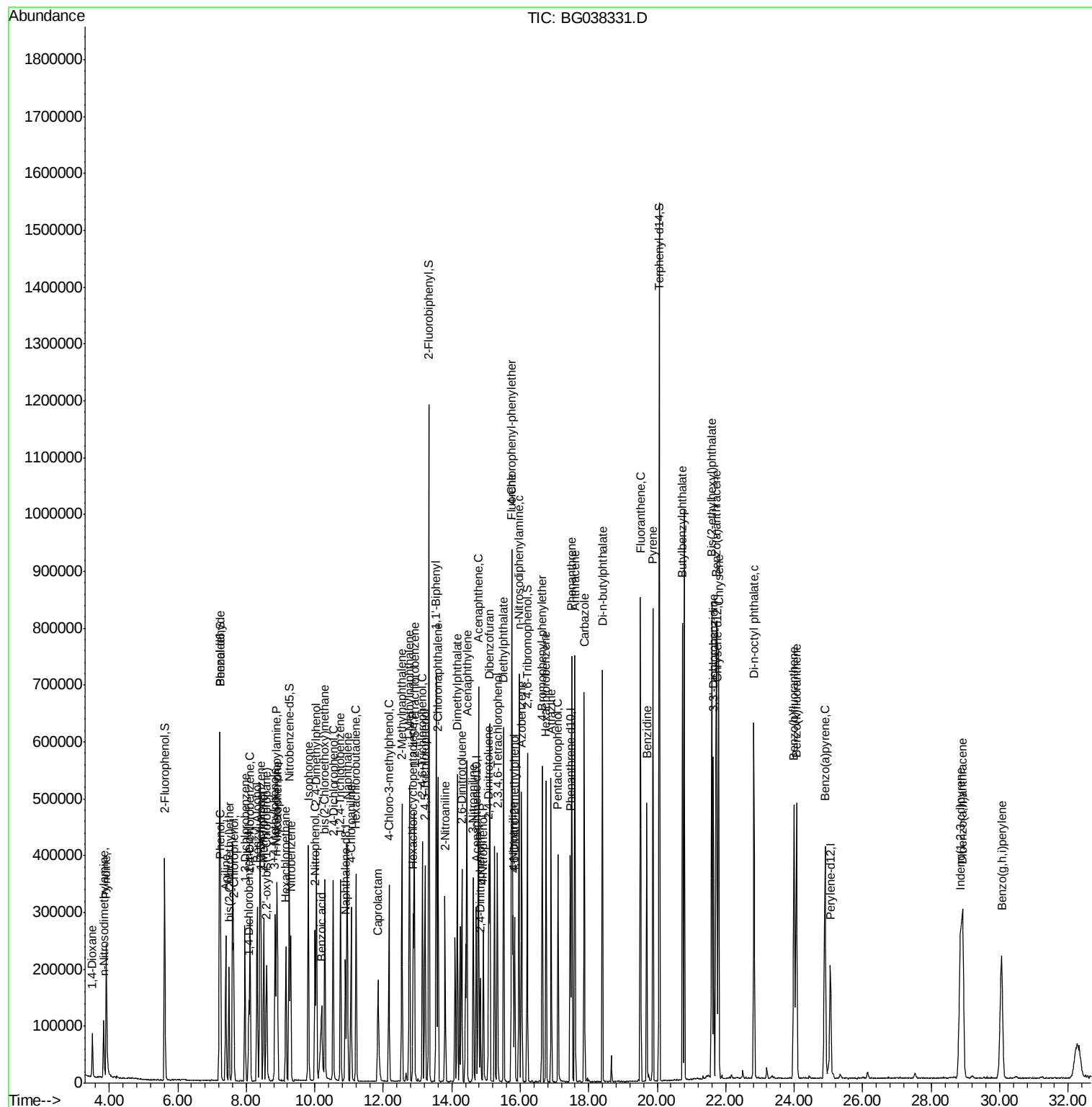
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	86621	42.391	ng	97
43) 2,4,6-Trichlorophenol	13.15	196	107526	44.641	ng	97
44) 2,4,5-Trichlorophenol	13.22	196	111281	43.610	ng	95
46) 1,1'-Biphenyl	13.55	154	374144	40.961	ng	100
47) 2-Chloronaphthalene	13.59	162	284714	41.307	ng	100
48) 2-Nitroaniline	13.80	65	99258	42.924	ng	98
49) Acenaphthylene	14.44	152	421385	40.593	ng	98
50) Dimethylphthalate	14.16	163	363199	41.904	ng	99
51) 2,6-Dinitrotoluene	14.29	165	80979	40.901	ng	90
52) Acenaphthene	14.78	154	256457	40.525	ng	99
53) 3-Nitroaniline	14.63	138	90120	42.264	ng	# 98
54) 2,4-Dinitrophenol	14.83	184	44216	40.740	ng	# 83
55) Dibenzofuran	15.11	168	419159	40.064	ng	97
56) 4-Nitrophenol	14.92	139	71731	42.585	ng	90
57) 2,4-Dinitrotoluene	15.08	165	115796	42.405	ng	# 96
58) Fluorene	15.76	166	297314	38.572	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.33	232	88267	39.828	ng	97
60) Diethylphthalate	15.51	149	366621	38.180	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	179017	38.666	ng	99
62) 4-Nitroaniline	15.80	138	82863	39.510	ng	91
63) Azobenzene	16.04	77	314108	37.377	ng	96
65) 4,6-Dinitro-2-methylphenol	15.84	198	68965	41.233	ng	92
66) n-Nitrosodiphenylamine	15.96	169	287666	40.074	ng	98
67) 4-Bromophenyl-phenylether	16.64	248	109810	39.835	ng	99
68) Hexachlorobenzene	16.75	284	113365	39.870	ng	100
69) Atrazine	16.91	200	104293	38.937	ng	99
70) Pentachlorophenol	17.10	266	78736	40.429	ng	98
71) Phenanthrene	17.50	178	499957	39.109	ng	99
72) Anthracene	17.59	178	510434	41.231	ng	98
73) Carbazole	17.87	167	470853	38.321	ng	99
74) Di-n-butylphthalate	18.40	149	538624	37.524	ng	98
75) Fluoranthene	19.51	202	551993	36.958	ng	97
77) Benzidine	19.69	184	293052	40.131	ng	99
78) Pyrene	19.87	202	562561	37.154	ng	98
80) Butylbenzylphthalate	20.74	149	263348	43.244	ng	98
81) Benzo(a)anthracene	21.72	228	527448	39.657	ng	99
82) 3,3'-Dichlorobenzidine	21.64	252	209276	40.448	ng	99
83) Chrysene	21.79	228	497912	39.560	ng	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	348675	40.395	ng	98
85) Di-n-octyl phthalate	22.82	149	582204	39.337	ng	98
86) Indeno(1,2,3-cd)pyrene	28.85	276	564038	39.432	ng	# 95
88) Benzo(b)fluoranthene	23.99	252	504080	39.466	ng	98
89) Benzo(k)fluoranthene	24.06	252	491482	38.636	ng	98
90) Benzo(a)pyrene	24.90	252	481719	38.882	ng	96
91) Dibenzo(a,h)anthracene	28.92	278	468198	39.845	ng	98
92) Benzo(g,h,i)perylene	30.06	276	468958	40.226	ng	97

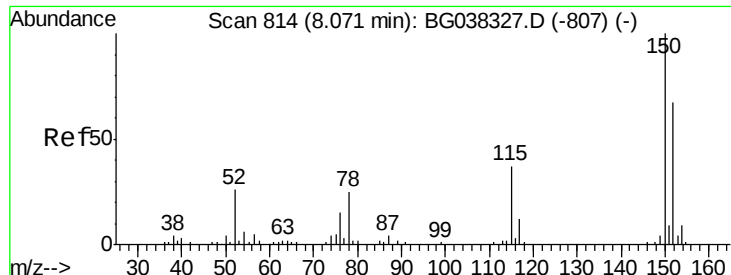
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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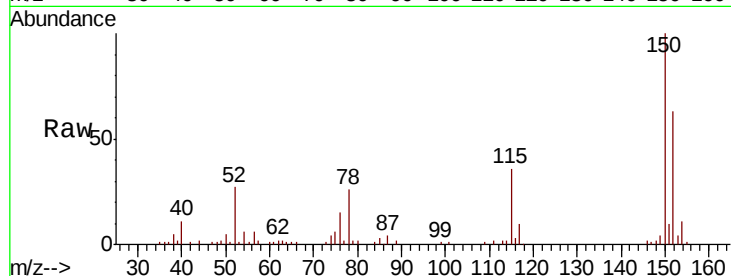


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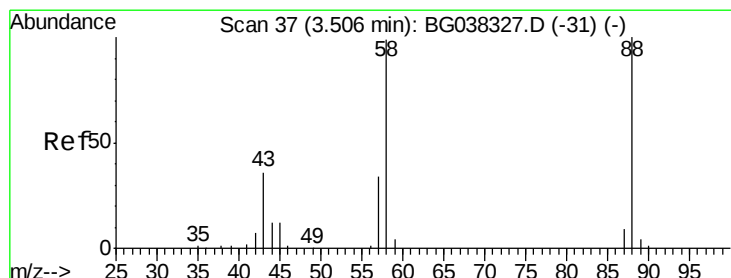
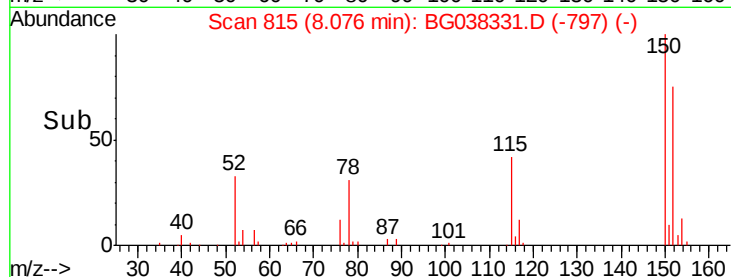
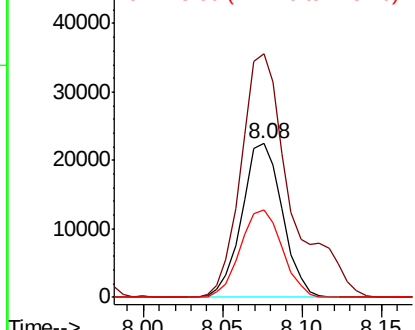
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

Instrument :
BNA_G
ClientSampleId :
ICVBG120418

Tot Ion:152 Resp: 39942
Ion Ratio Lower Upper
152 100
150 158.4 126.0 189.0
115 56.5 45.5 68.3



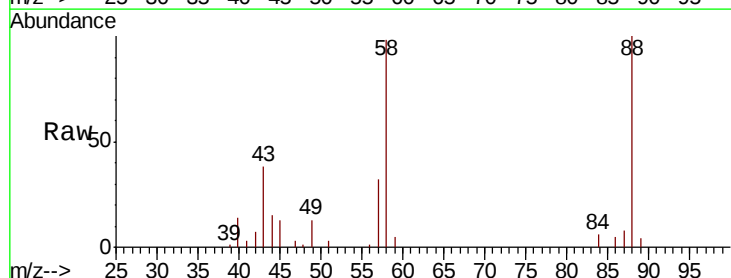
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



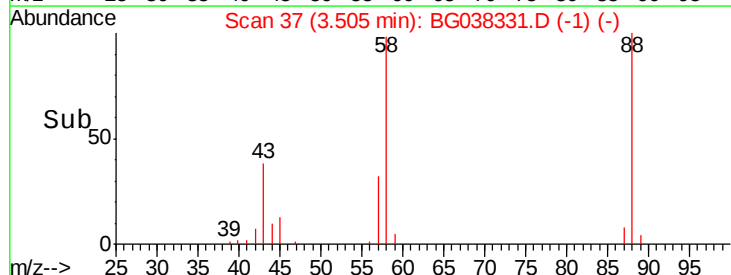
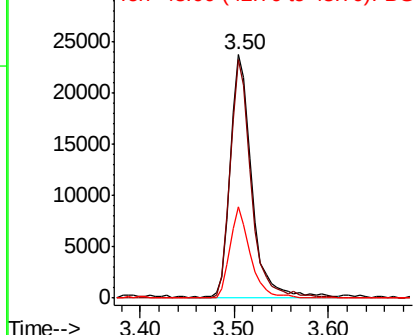
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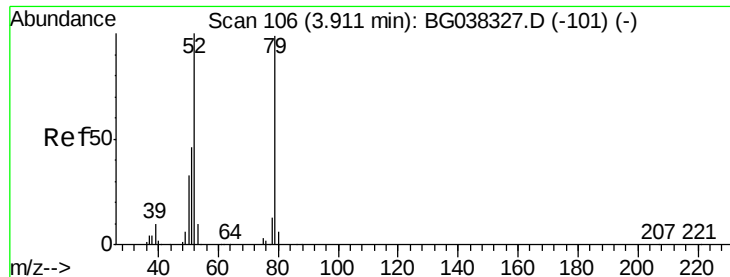
1,4-Dioxane
Concen: 36.680 ng
RT: 3.50 min Scan# 37
Delta R.T. -0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

Tgt Ion: 88 Resp: 37944
Ion Ratio Lower Upper
88 100
58 94.2 74.4 111.6
43 35.1 25.8 38.8



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





#3

Pvridine

Concen: 44.672 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

BNA_G

ClientSampleId :

ICVBG120418

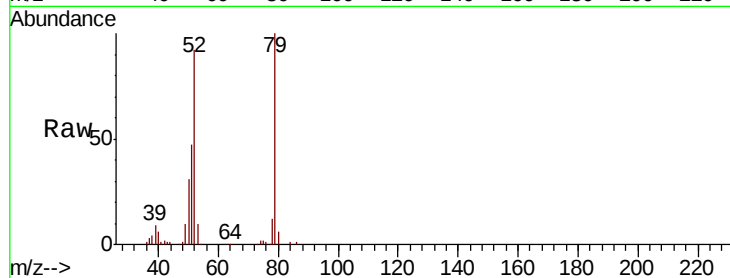
Tot Ion: 79 Resp: 138249

Ion Ratio Lower Upper

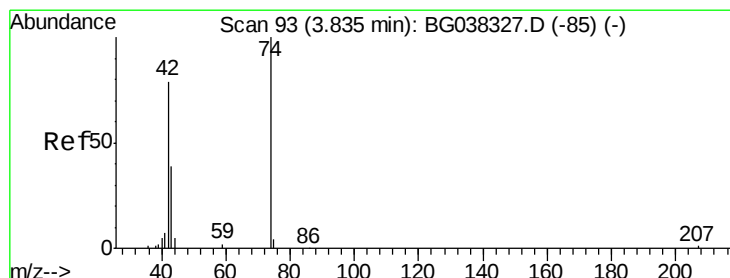
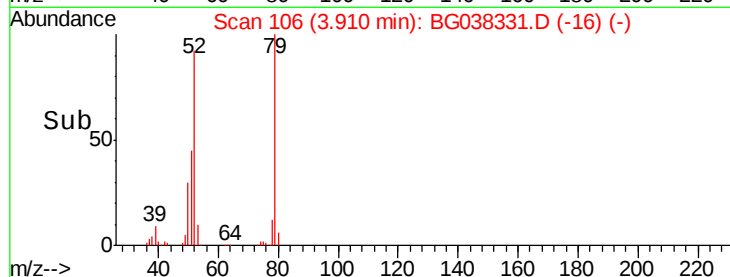
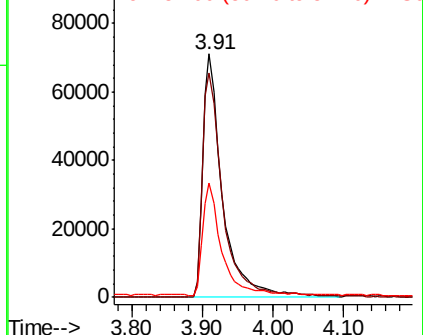
79 100

52 92.2 74.2 111.2

51 47.0 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: 43.880 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

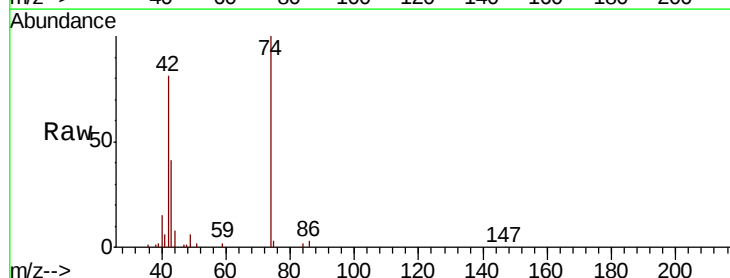
Tgt Ion: 42 Resp: 59484

Ion Ratio Lower Upper

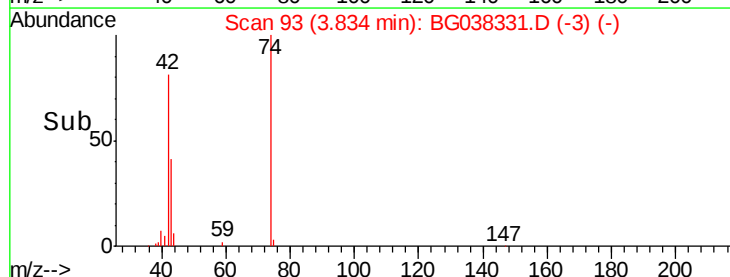
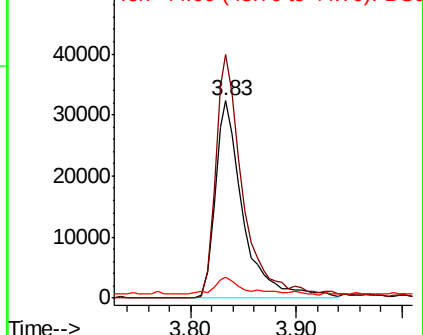
42 100

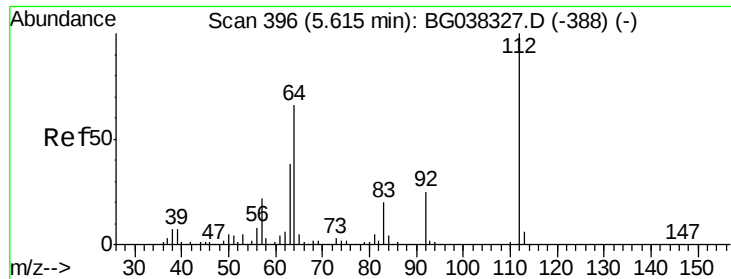
74 123.6 102.0 153.0

44 10.4 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: 80.234 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

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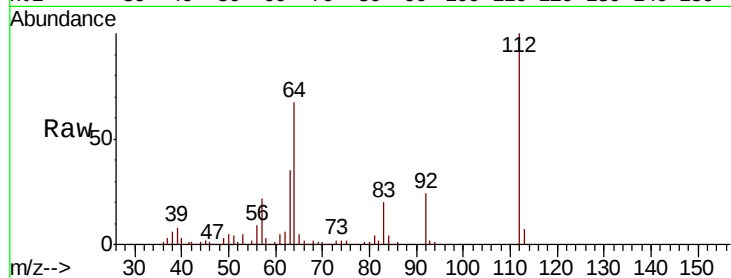
Tot Ion:112 Resp: 181093

Ion Ratio Lower Upper

112 100

64 66.7 53.1 79.7

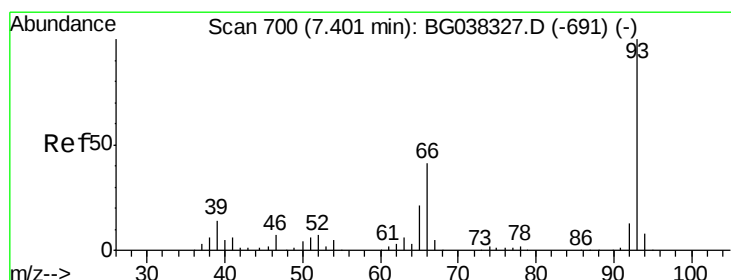
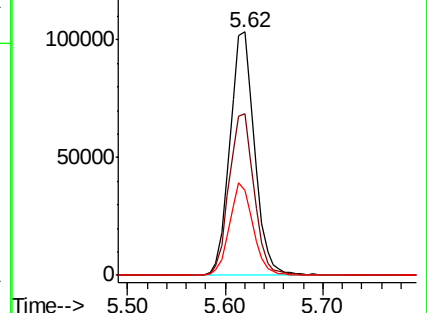
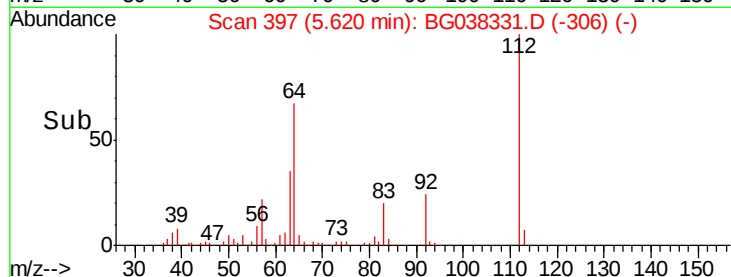
63 35.0 27.3 40.9



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: 39.673 ng

RT: 7.40 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

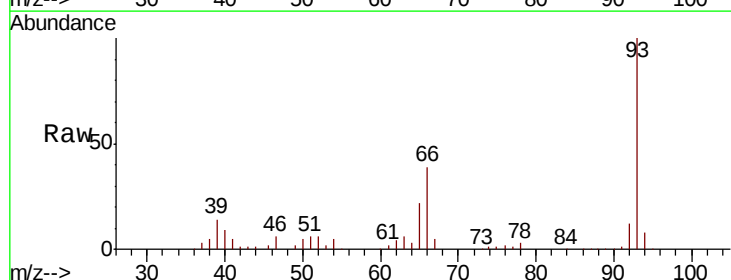
Tgt Ion: 93 Resp: 165300

Ion Ratio Lower Upper

93 100

66 38.7 32.8 49.2

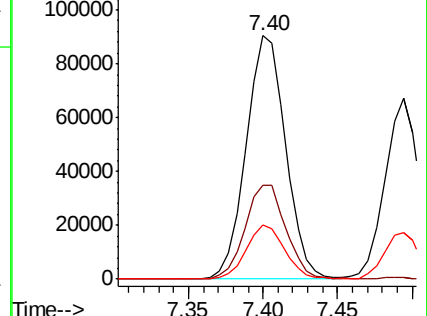
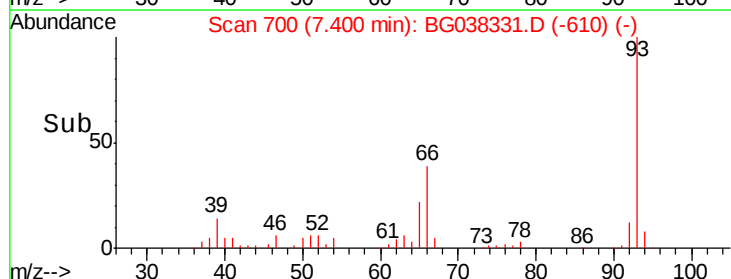
65 22.2 16.4 24.6

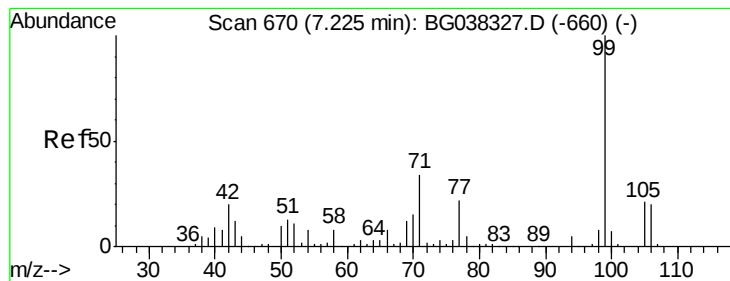


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.310 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

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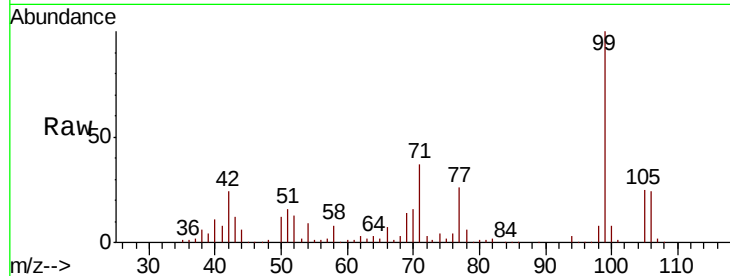
Tot Ion: 99 Resp: 258727

Ion Ratio Lower Upper

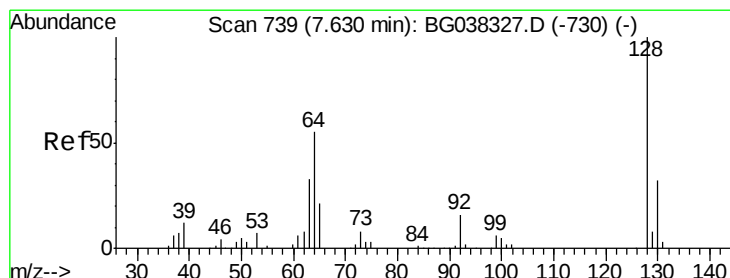
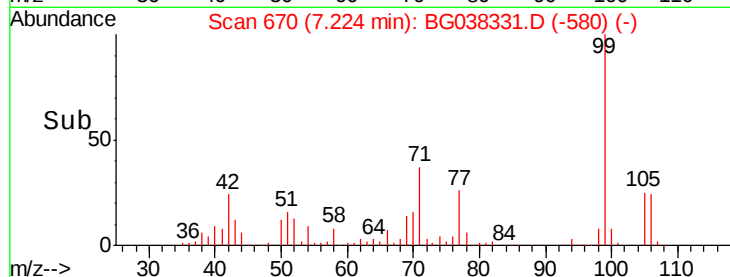
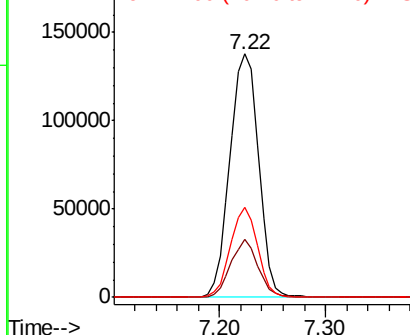
99 100

42 23.7 15.0 22.4#

71 37.2 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: 40.332 ng

RT: 7.63 min Scan# 740

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

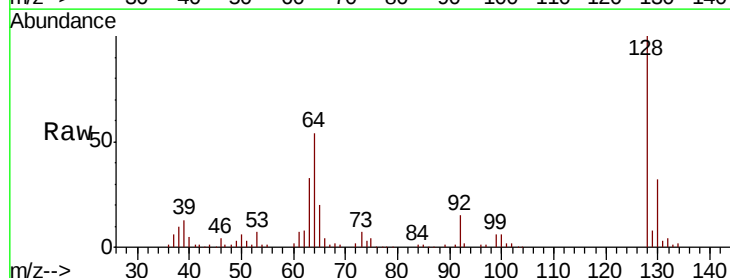
Tgt Ion: 128 Resp: 105723

Ion Ratio Lower Upper

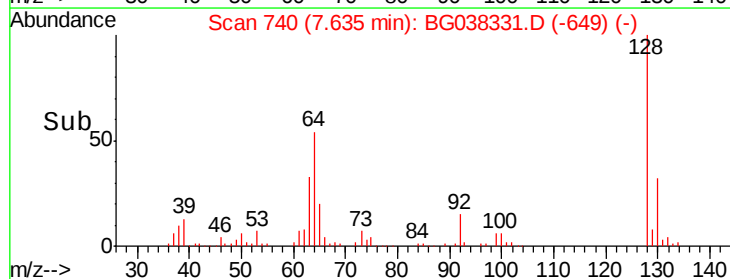
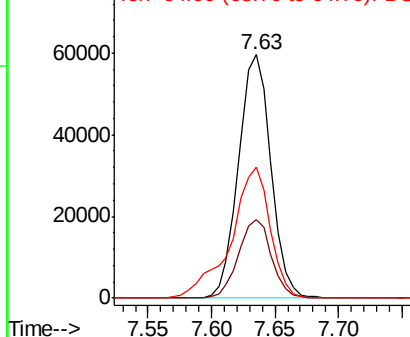
128 100

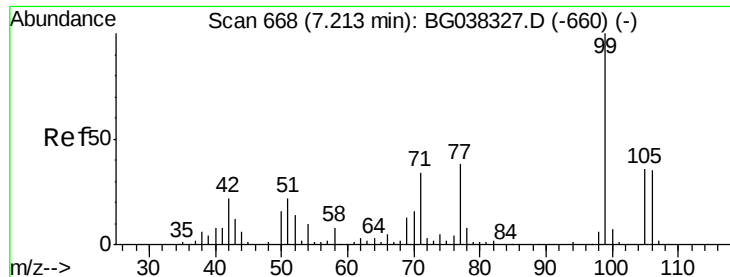
130 32.2 12.0 52.0

64 54.0 32.9 72.9



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





#9

Benzaldehyde

Concen: 38.717 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

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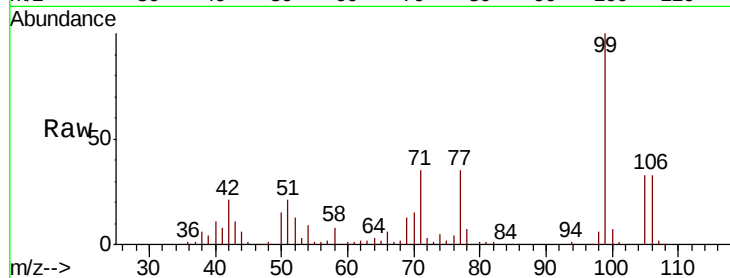
Tot Ion: 77 Resp: 79979

Ion Ratio Lower Upper

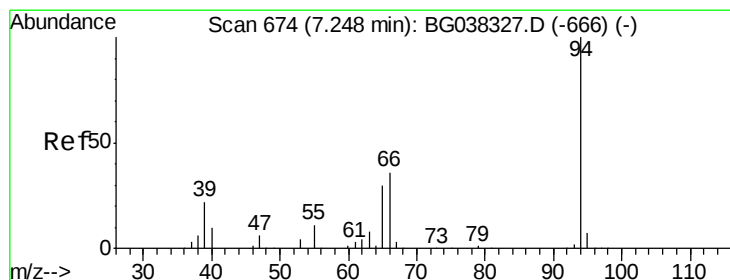
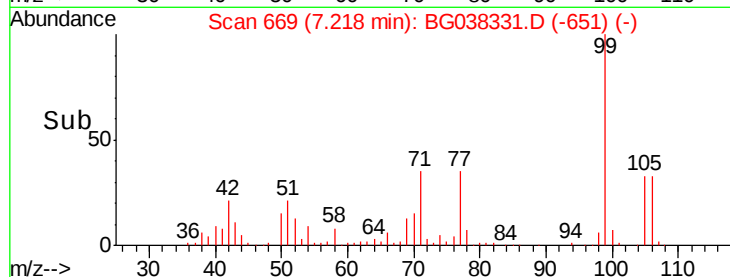
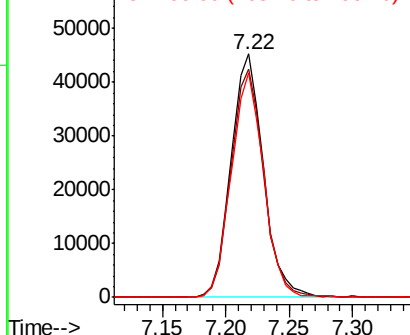
77 100

105 93.9 72.6 112.6

106 92.1 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: 39.203 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

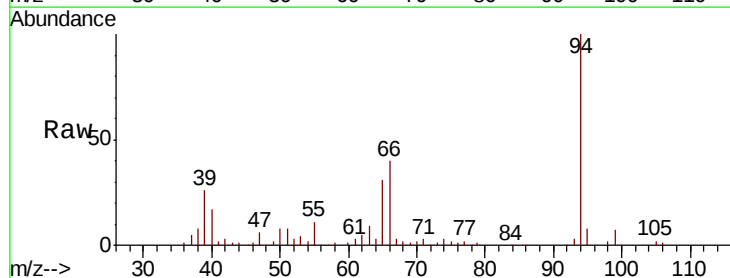
Tgt Ion: 94 Resp: 135123

Ion Ratio Lower Upper

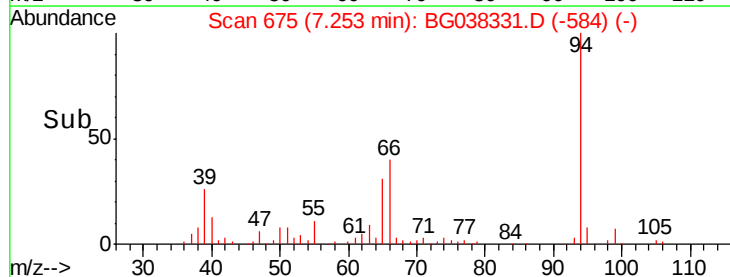
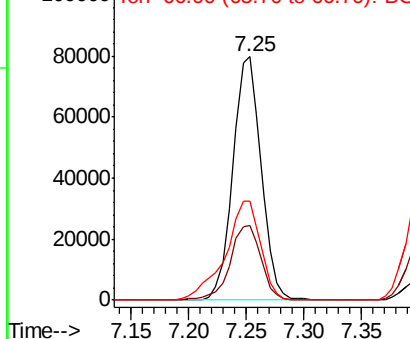
94 100

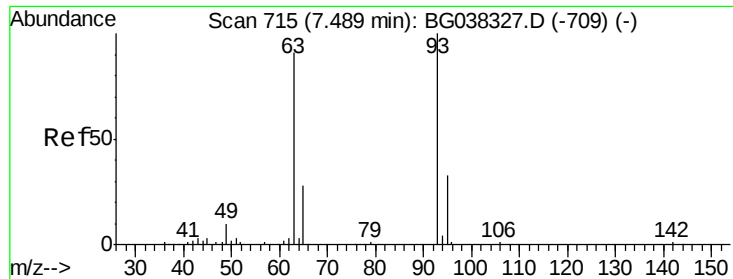
65 30.7 9.7 49.7

66 40.5 15.9 55.9



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





#11

bis(2-Chloroethyl)ether

Concen: 39.186 ng

RT: 7.49 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

BNA_G

ClientSampleId :

ICVBG120418

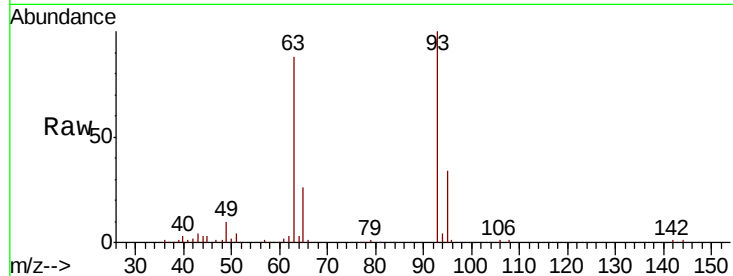
Tot Ion: 93 Resp: 110616

Ion Ratio Lower Upper

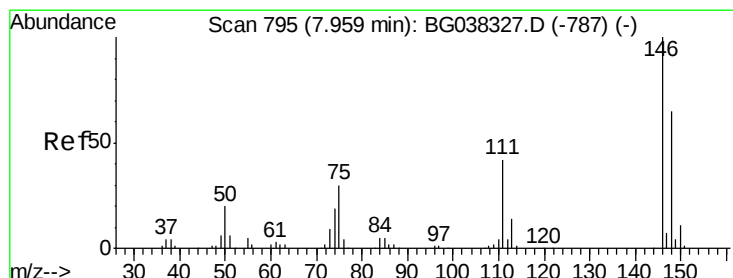
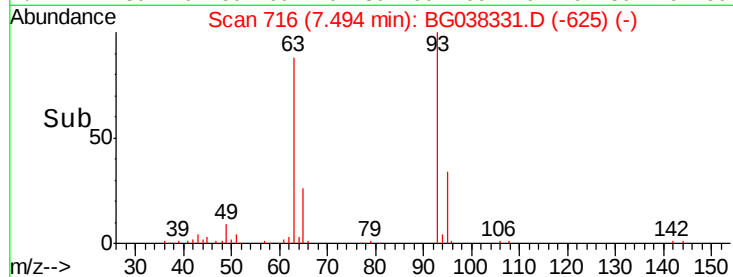
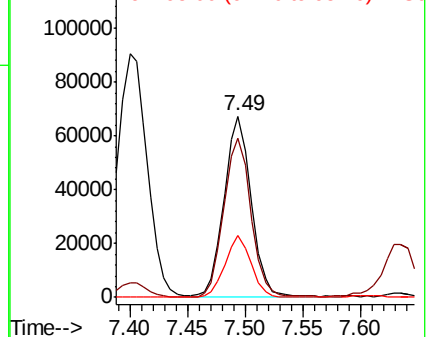
93 100

63 87.9 69.5 109.5

95 33.8 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 40.522 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

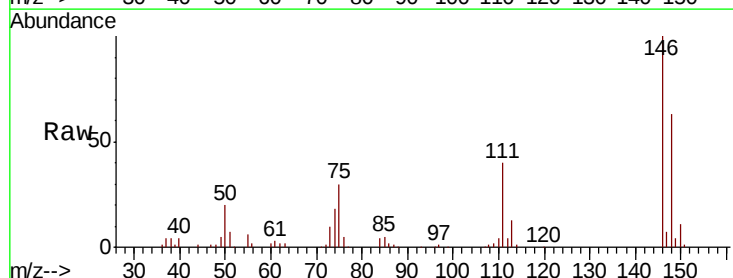
Tgt Ion: 146 Resp: 124147

Ion Ratio Lower Upper

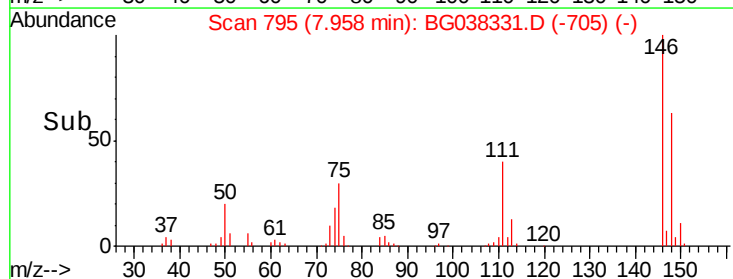
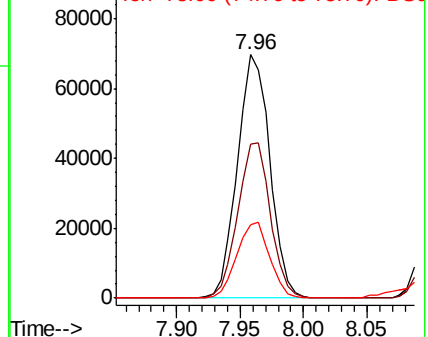
146 100

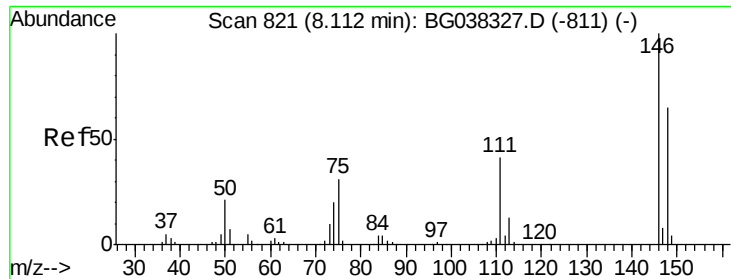
148 63.3 49.8 74.8

75 30.2 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

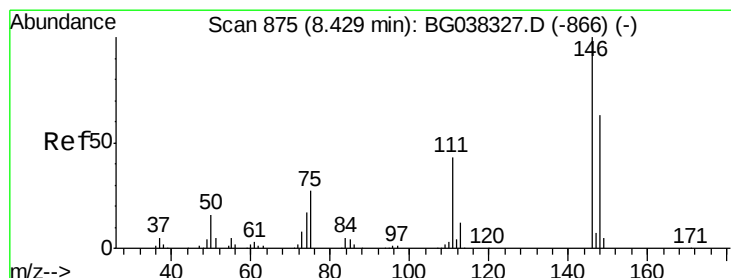
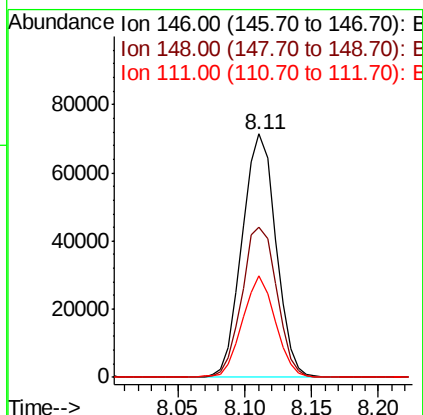
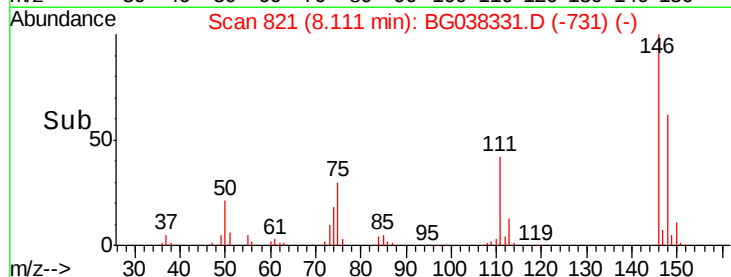
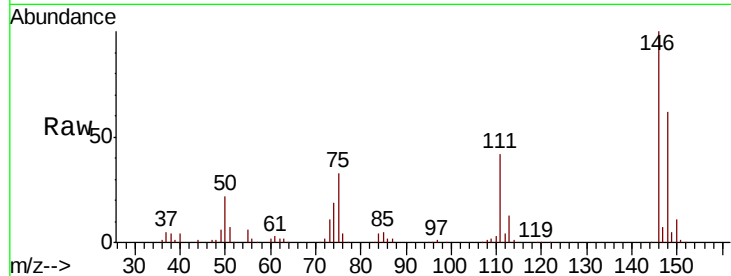




#13
 1,4-Dichlorobenzene
 Concen: 39.437 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG038331.D
 Acq: 4 Dec 2018 16:17

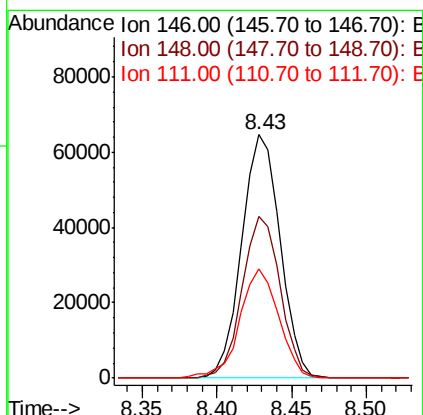
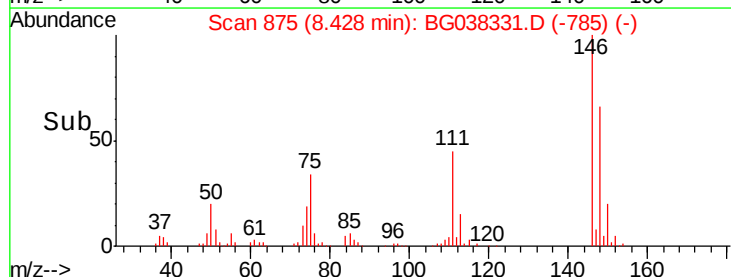
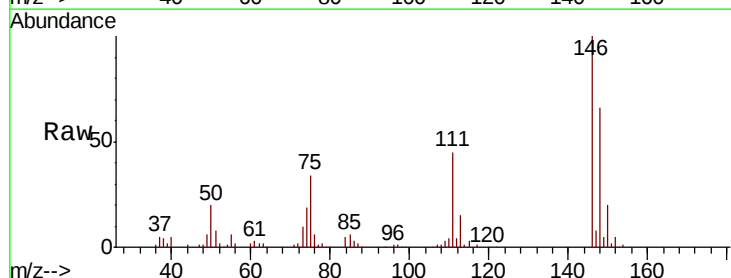
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG120418

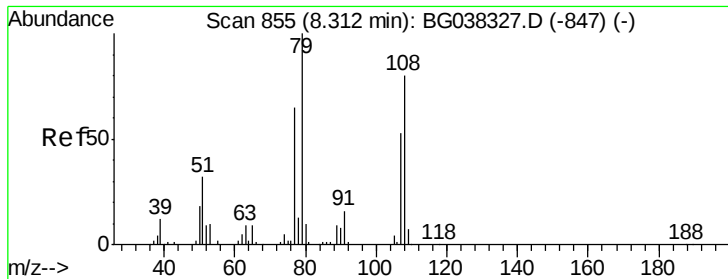
Tot Ion:146 Resp: 125012
 Ion Ratio Lower Upper
 146 100
 148 61.7 51.0 76.6
 111 41.8 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 39.271 ng
 RT: 8.43 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BG038331.D
 Acq: 4 Dec 2018 16:17

Tgt Ion:146 Resp: 115061
 Ion Ratio Lower Upper
 146 100
 148 66.2 50.4 75.6
 111 44.8 34.6 51.8





#15

Benzyl Alcohol

Concen: 40.907 ng

RT: 8.32 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

BNA_G

ClientSampleId :

ICVBG120418

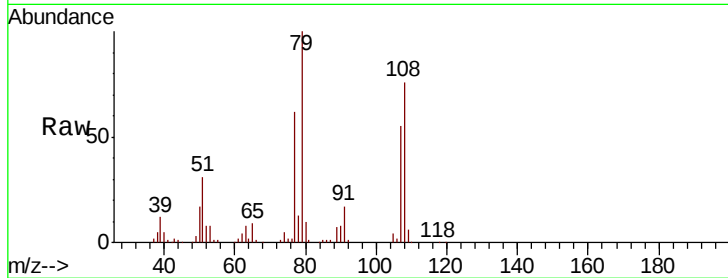
Tot Ion: 79 Resp: 109712

Ion Ratio Lower Upper

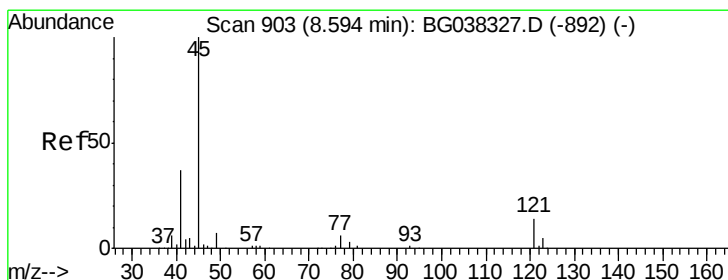
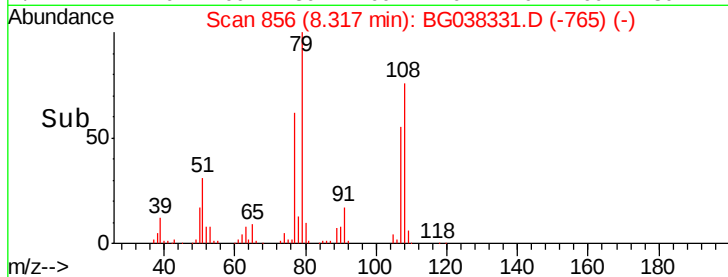
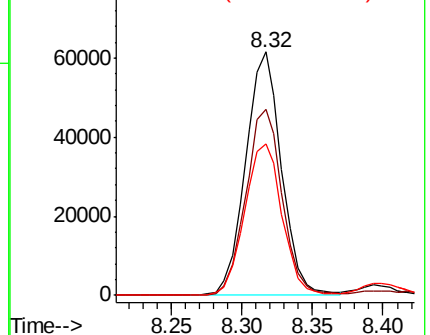
79 100

108 76.2 65.8 98.8

77 62.4 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.105 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

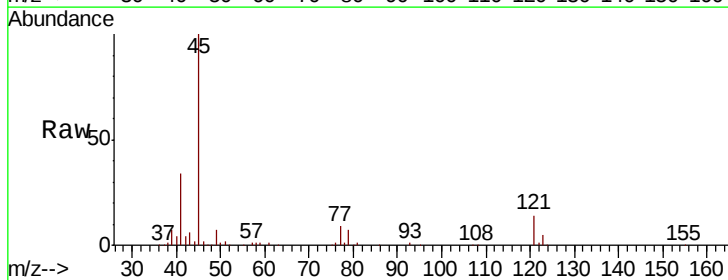
Tgt Ion: 45 Resp: 244661

Ion Ratio Lower Upper

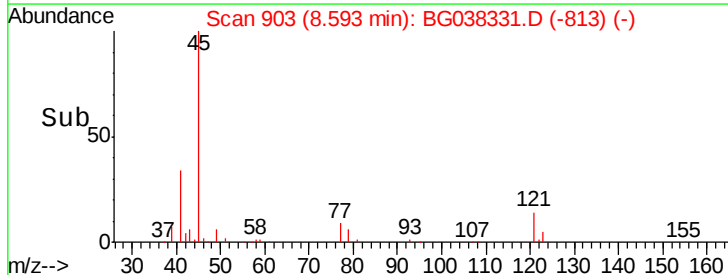
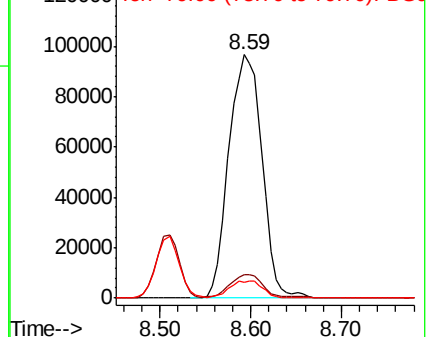
45 100

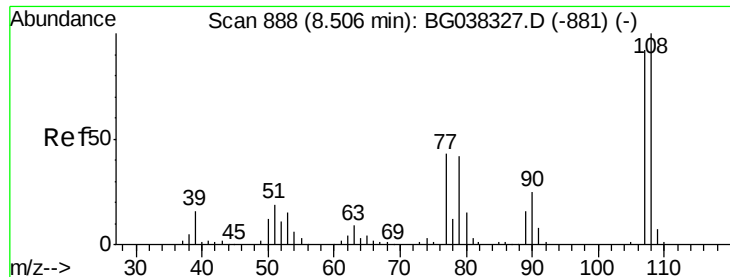
77 9.5 0.0 30.0

79 6.6 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

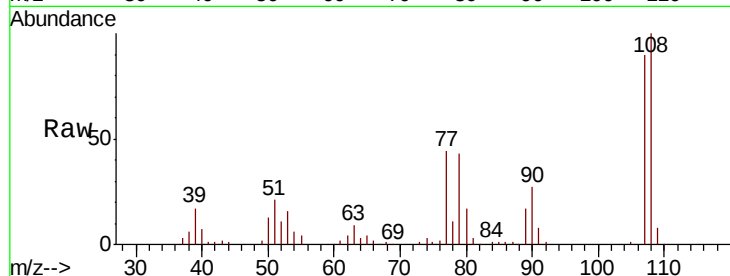




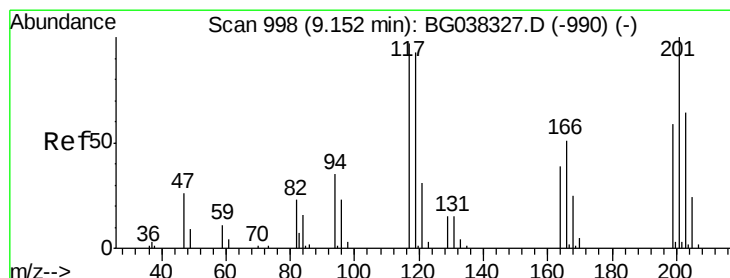
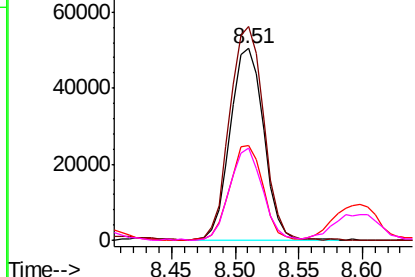
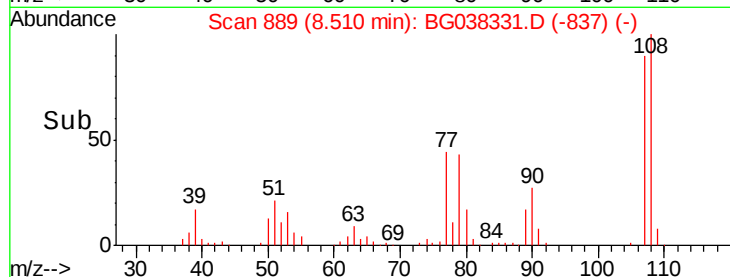
#17
2-Methylphenol
Concen: 38.168 ng
RT: 8.51 min Scan# 889
Delta R.T. 0.01 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

Instrument :
BNA_G
ClientSampleId :
ICVBG120418

Tot Ion:107 Resp: 92760
Ion Ratio Lower Upper
107 100
108 111.3 87.9 131.9
77 49.4 35.1 52.7
79 48.2 34.5 51.7

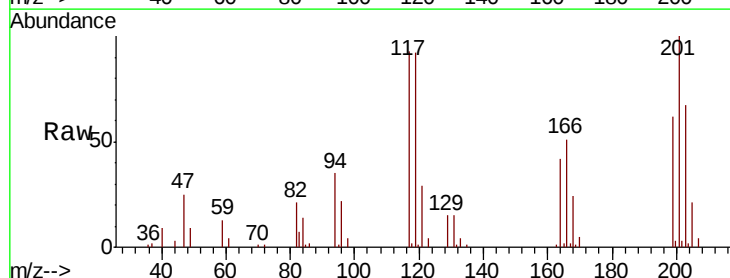


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

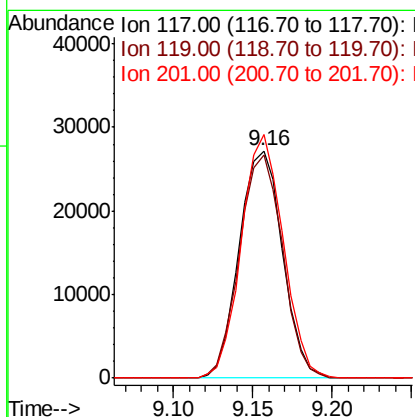
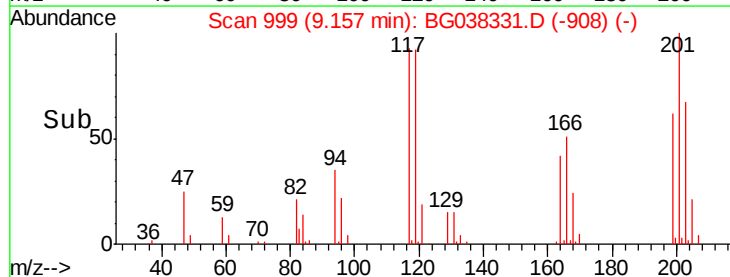


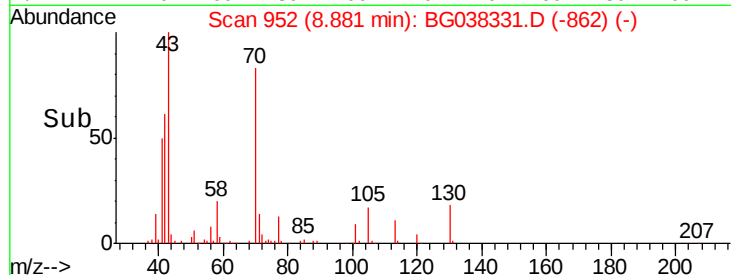
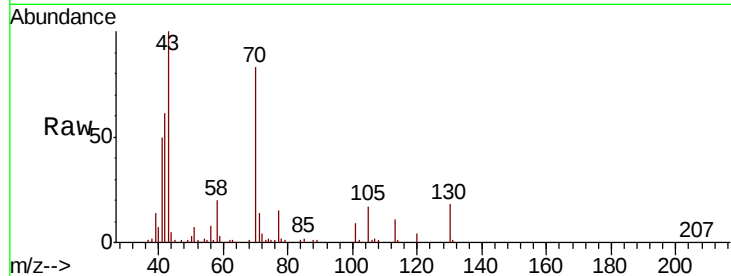
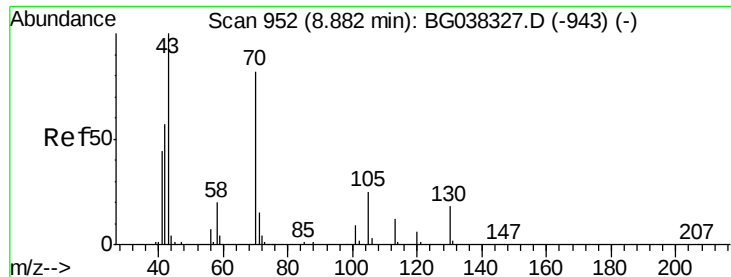
#18
Hexachloroethane
Concen: 45.070 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

Tgt Ion:117 Resp: 51564
Ion Ratio Lower Upper
117 100
119 98.1 74.6 111.8
201 110.1 80.8 121.2



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

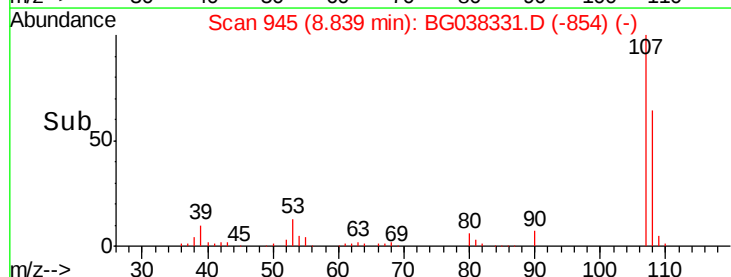
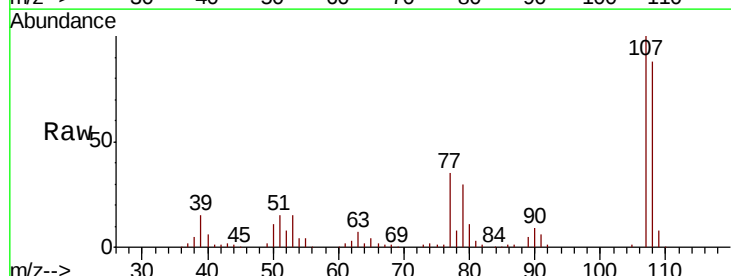
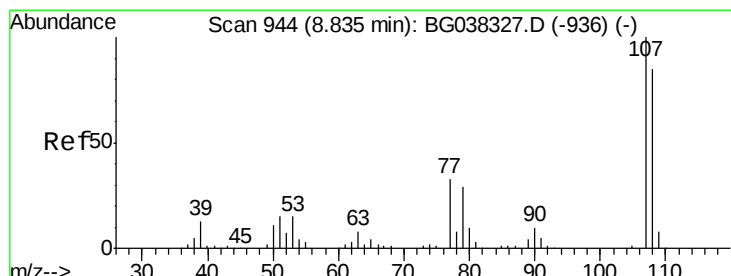
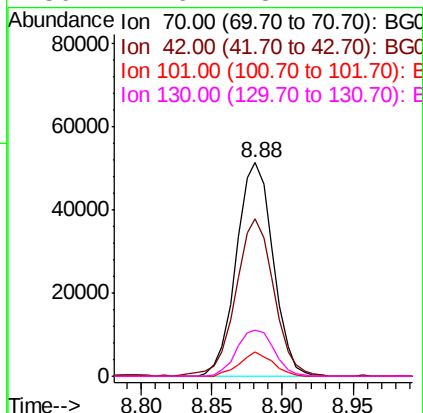




#19
n-Nitroso-di-n-propylamine
Concen: 39.109 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

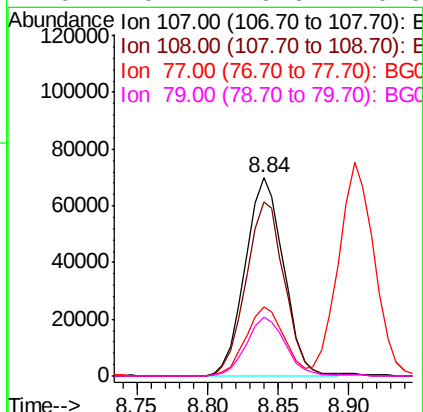
Instrument :
BNA_G
ClientSampleId :
ICVBG120418

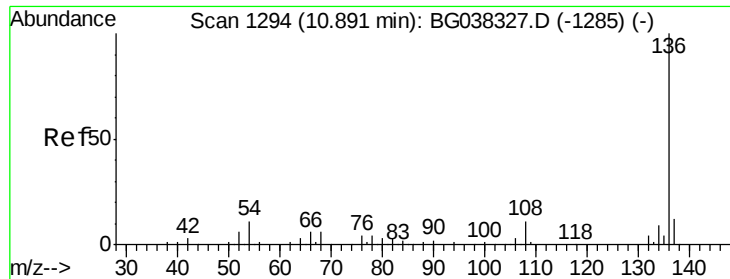
Tot Ion:	70	Resp:	93358
Ion	Ratio	Lower	Upper
70	100		
42	73.8	53.9	80.9
101	11.4	8.2	12.2
130	21.6	18.2	27.4



#20
3+4-Methylphenols
Concen: 38.334 ng
RT: 8.84 min Scan# 945
Delta R.T. 0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

Tgt Ion:	107	Resp:	133112
Ion	Ratio	Lower	Upper
107	100		
108	87.6	69.9	109.9
77	34.9	11.2	51.2
79	29.7	6.6	46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

BNA_G

ClientSampleId :

ICVBG120418

Tot Ion:136 Resp: 187571

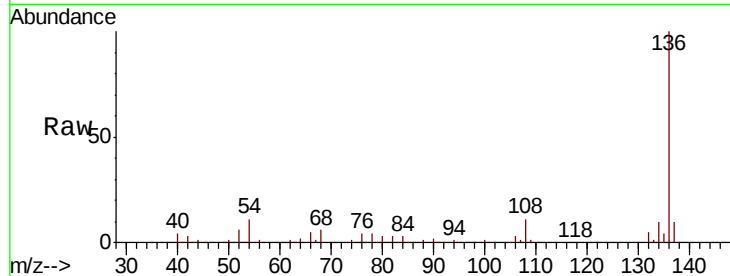
Ion Ratio Lower Upper

136 100

137 10.4 9.6 14.4

54 11.3 7.9 11.9

68 5.9 4.8 7.2

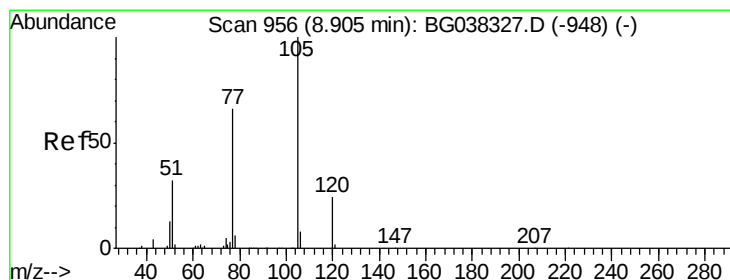
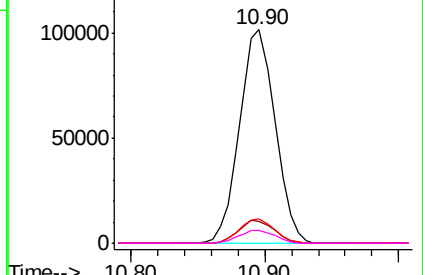
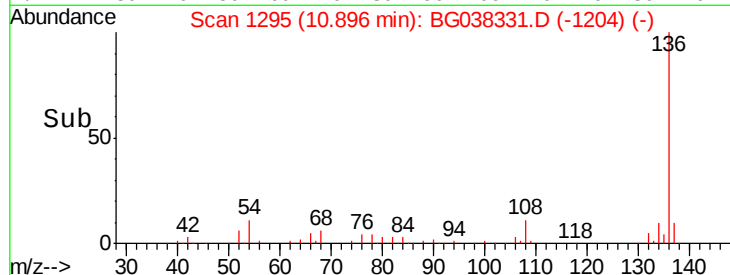


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.541 ng

RT: 8.90 min Scan# 956

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Tgt Ion:105 Resp: 170695

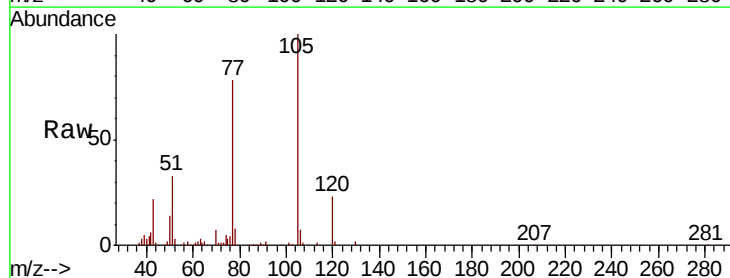
Ion Ratio Lower Upper

105 100

71 1.1 1.2 1.8#

51 32.8 25.0 37.6

120 23.3 18.6 28.0

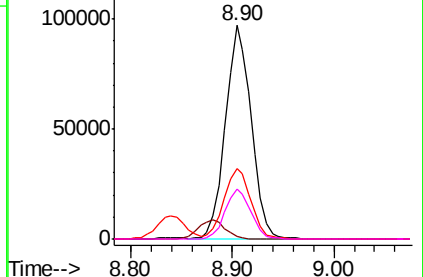
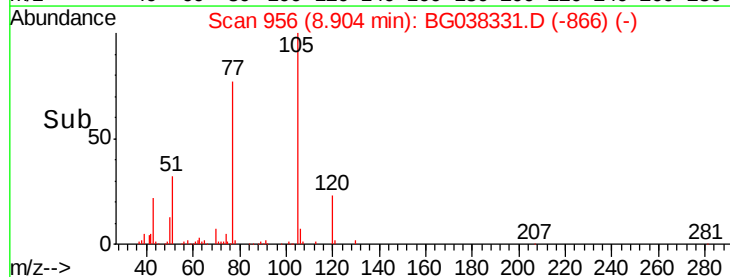


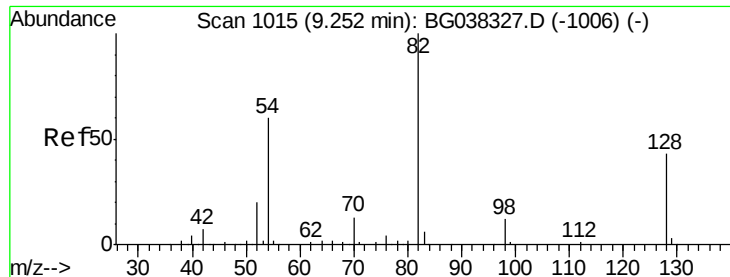
Abundance Ion 105.00 (104.70 to 105.70): E

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

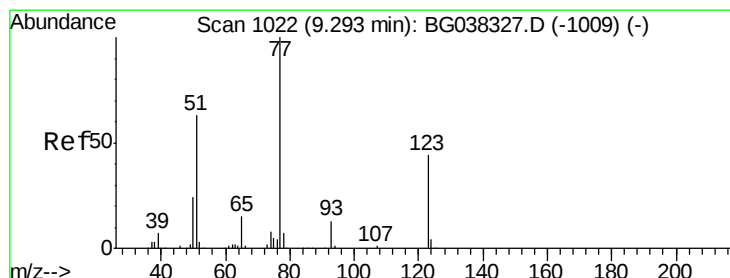
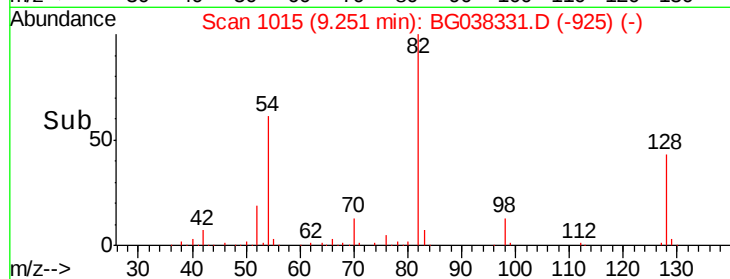
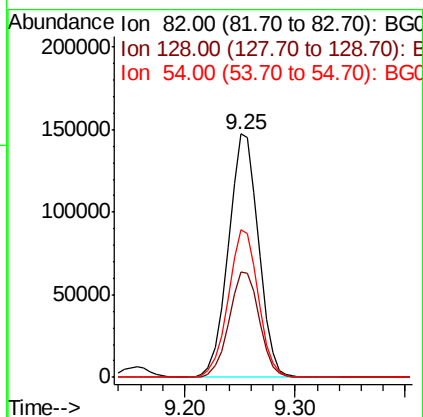
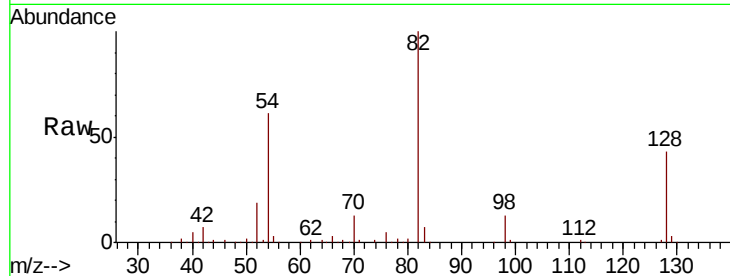




#23
 Nitrobenzene-d5
 Concen: 74.670 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BG038331.D
 Acq: 4 Dec 2018 16:17

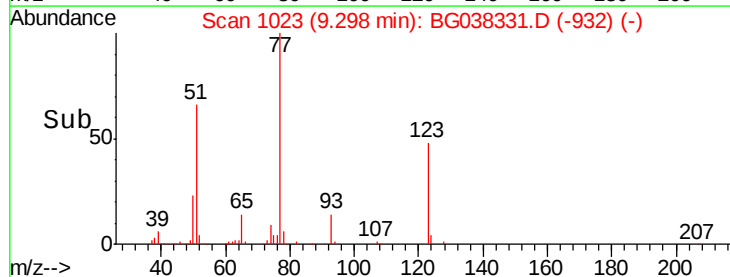
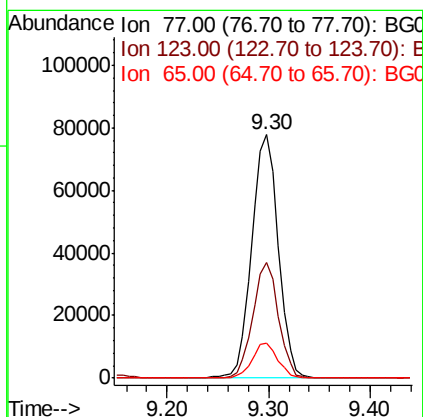
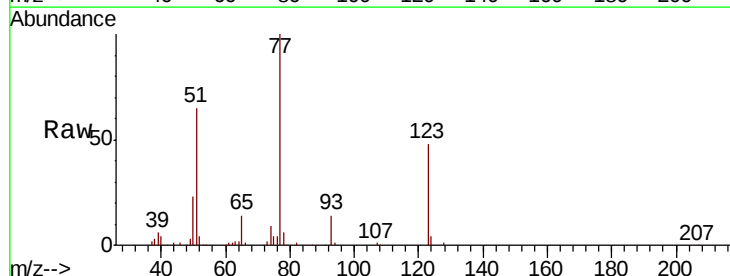
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG120418

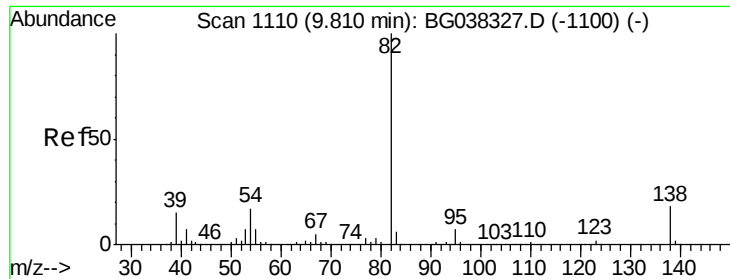
Tot Ion	82	Resp	282106
Ion Ratio	Lower	Upper	
82	100		
128	43.4	34.6	51.8
54	60.7	45.3	67.9



#24
 Nitrobenzene
 Concen: 36.784 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BG038331.D
 Acq: 4 Dec 2018 16:17

Tgt Ion	77	Resp	141192
Ion Ratio	Lower	Upper	
77	100		
123	47.7	33.6	50.4
65	14.4	11.3	16.9





#25

Isophorone

Concen: 51.438 ng

RT: 9.81 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

BNA_G

ClientSampleId :

ICVBG120418

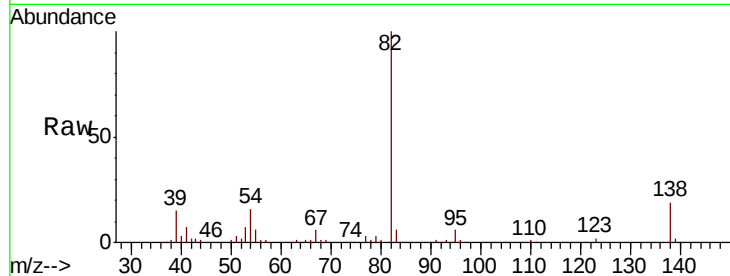
Tot Ion: 82 Resp: 341521

Ion Ratio Lower Upper

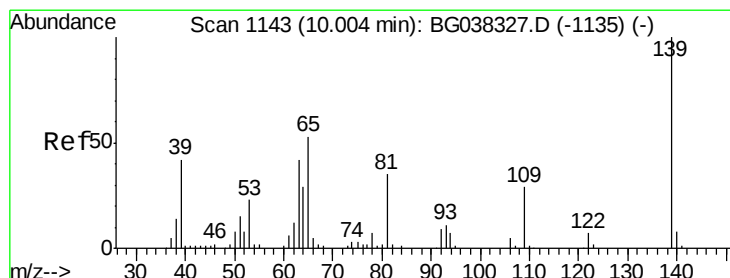
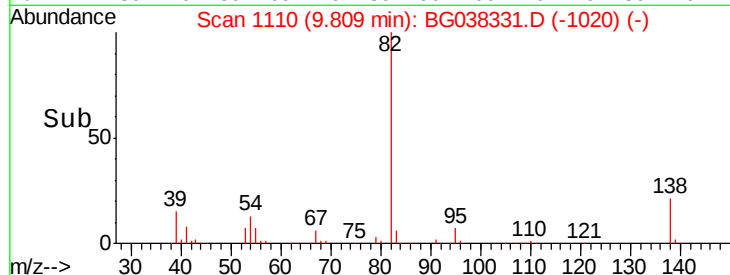
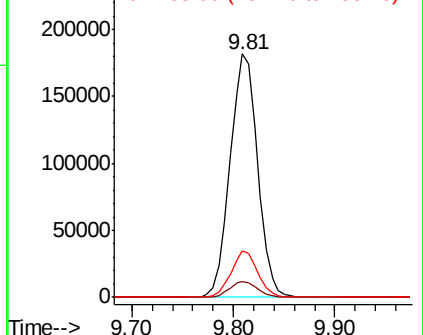
82 100

95 6.5 5.3 7.9

138 19.1 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: 55.137 ng

RT: 10.01 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

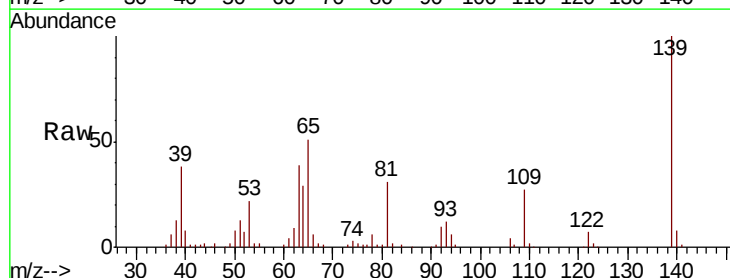
Tgt Ion: 139 Resp: 98062

Ion Ratio Lower Upper

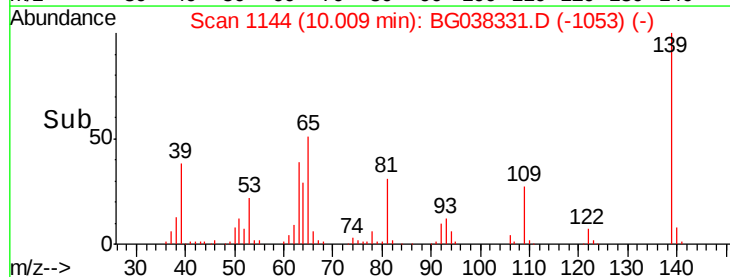
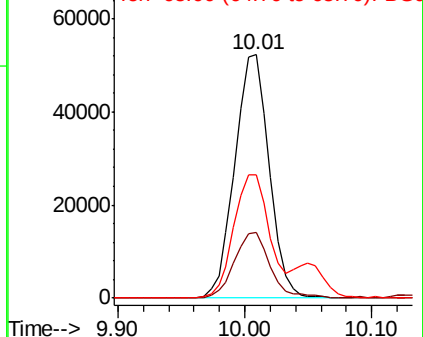
139 100

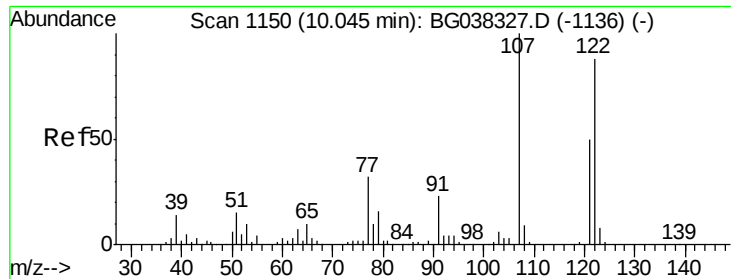
109 27.0 23.3 34.9

65 50.8 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

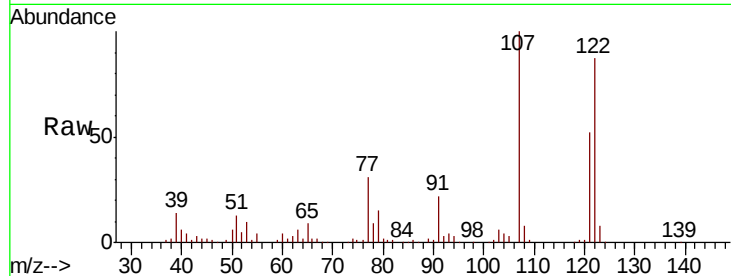




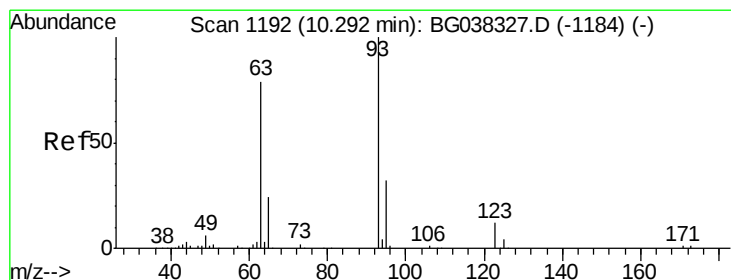
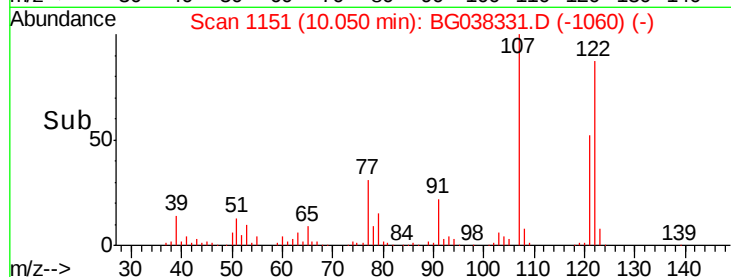
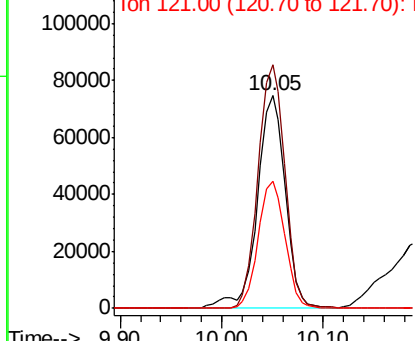
#27
2,4-Dimethylphenol
Concen: 56.174 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

Instrument :
BNA_G
ClientSampleId :
ICVBG120418

Tot Ion:122 Resp: 143498
Ion Ratio Lower Upper
122 100
107 114.4 94.2 141.2
121 59.6 47.3 70.9

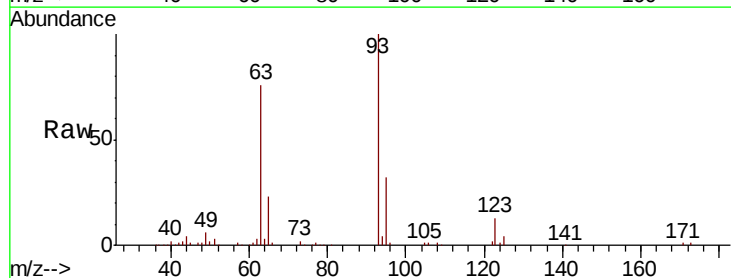


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

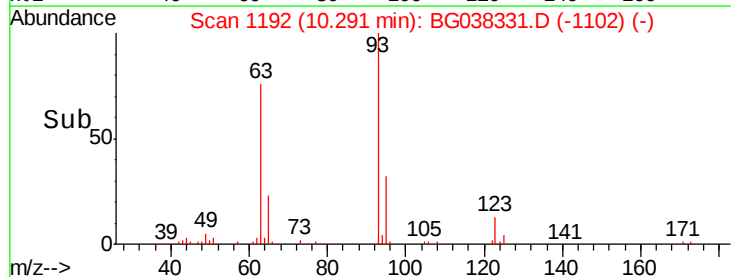
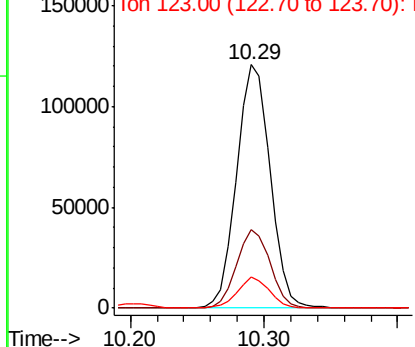


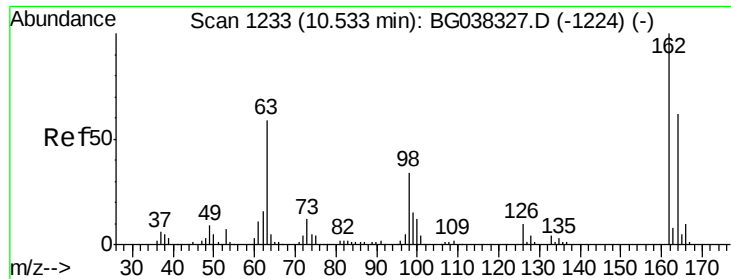
#28
bis(2-Chloroethoxy)methane
Concen: 55.179 ng
RT: 10.29 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

Tgt Ion: 93 Resp: 210022
Ion Ratio Lower Upper
93 100
95 32.1 24.6 37.0
123 12.8 9.1 13.7



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

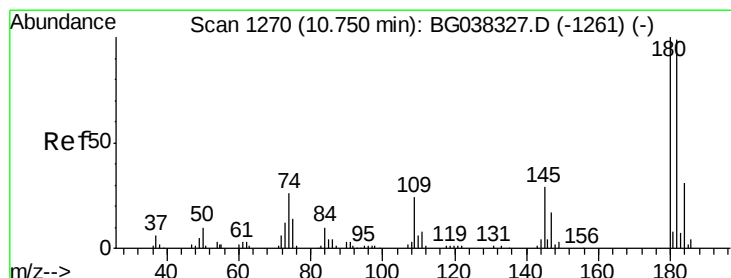
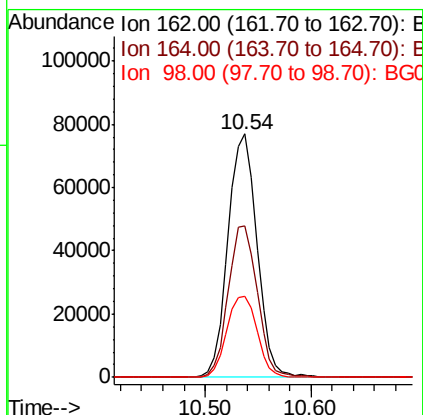
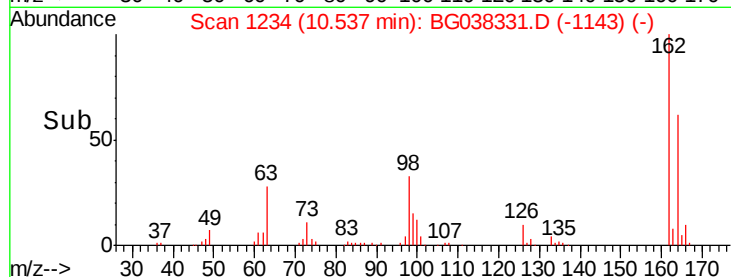
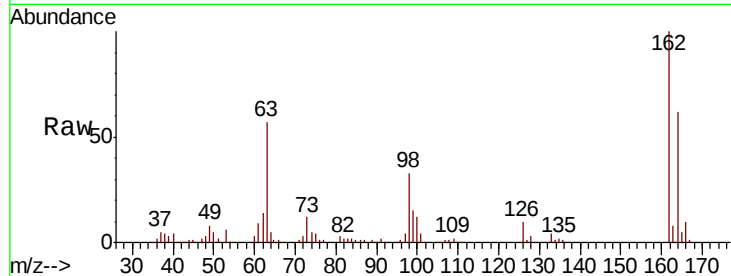




#29
 2,4-Dichlorophenol
 Concen: 50.151 ng
 RT: 10.54 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BG038331.D
 Acq: 4 Dec 2018 16:17

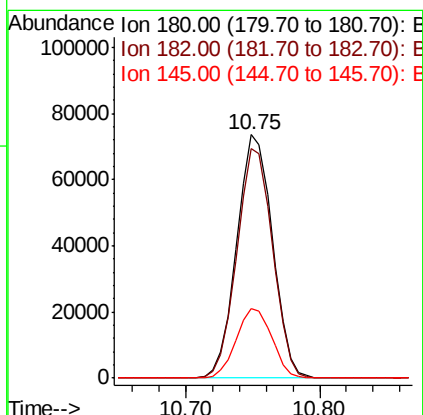
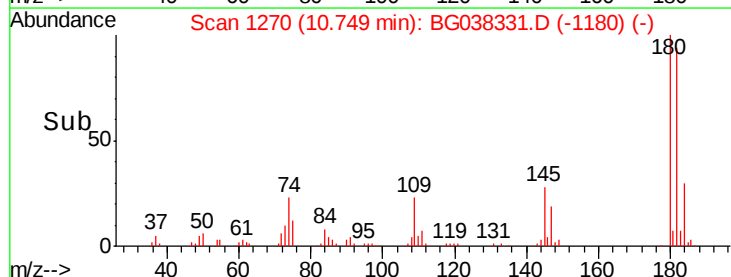
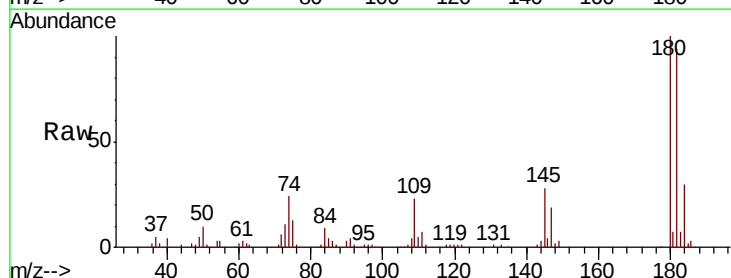
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG120418

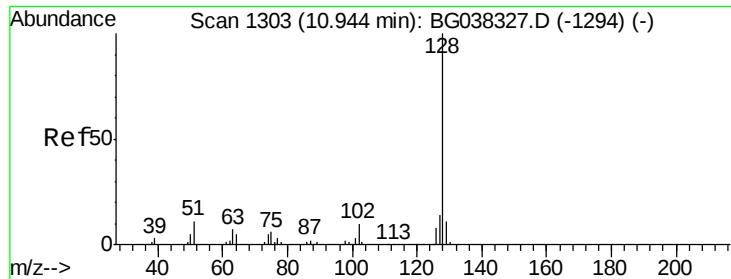
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.2	83.2
98	33.2	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.860 ng
 RT: 10.75 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BG038331.D
 Acq: 4 Dec 2018 16:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.7	116.5
145	28.4	23.3	34.9

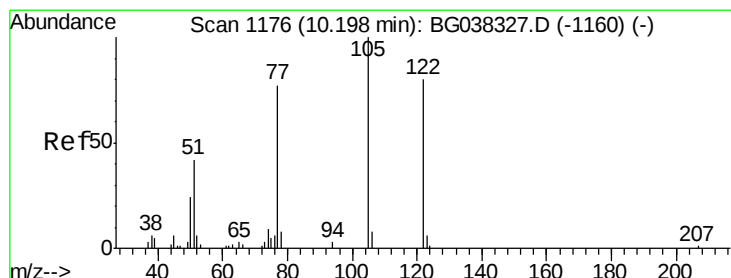
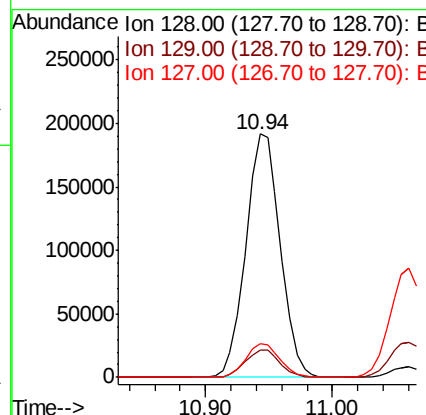
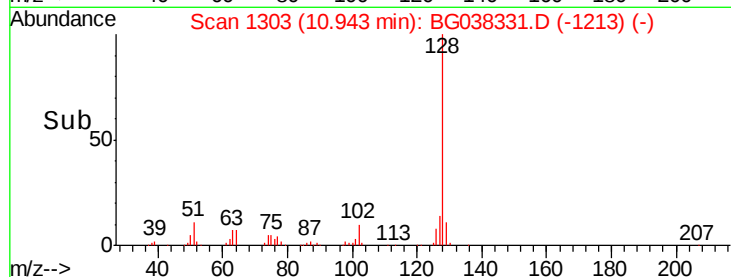
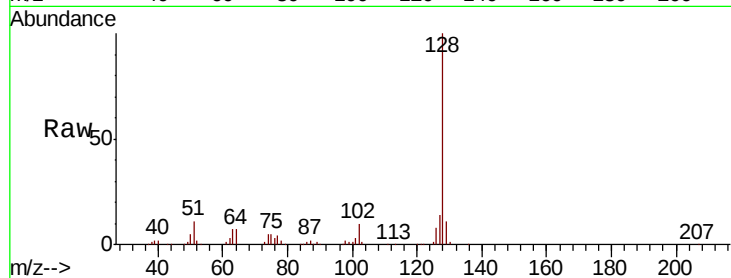




#31
Naphthalene
Concen: 40.222 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

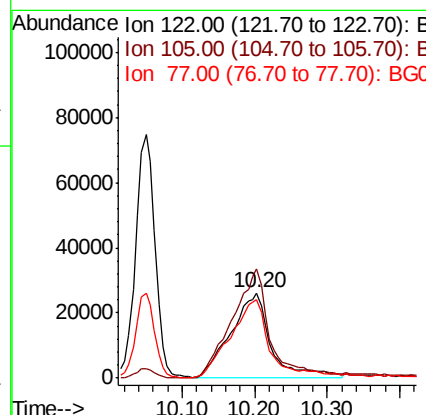
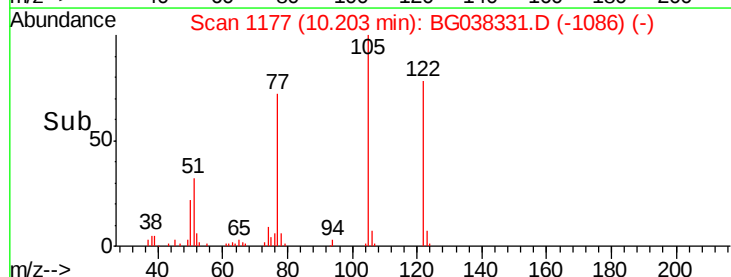
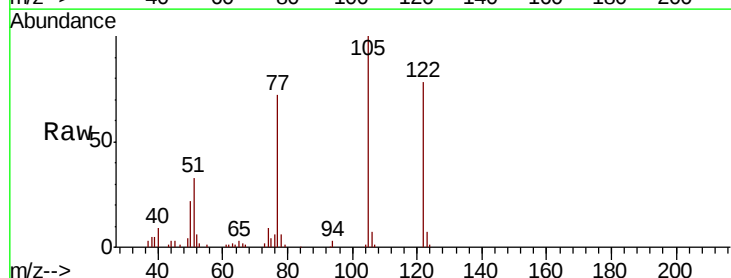
Instrument :
BNA_G
ClientSampleId :
ICVBG120418

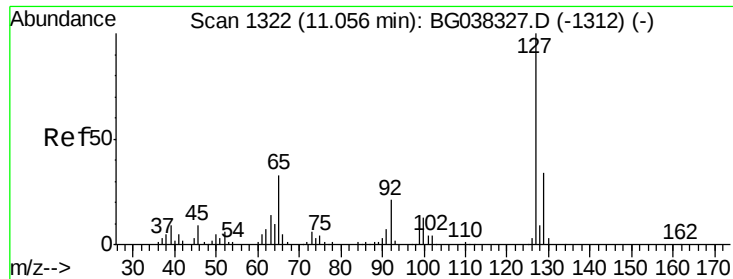
Tot Ion:128 Resp: 360383
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 14.1 11.1 16.7



#32
Benzoic acid
Concen: 52.952 ng
RT: 10.20 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

Tgt Ion:122 Resp: 97017
Ion Ratio Lower Upper
122 100
105 127.9 106.7 146.7
77 91.7 72.2 112.2

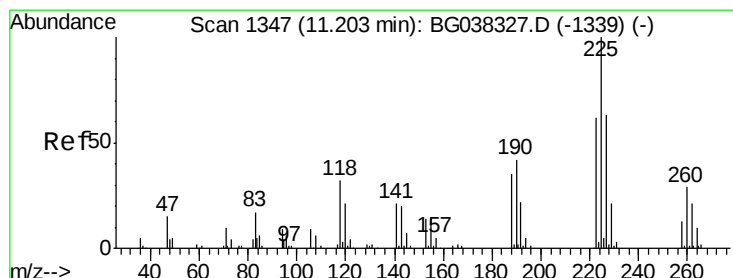
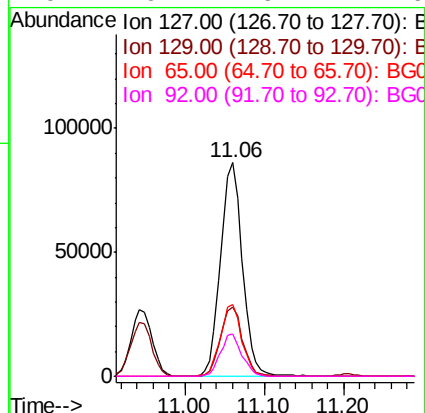
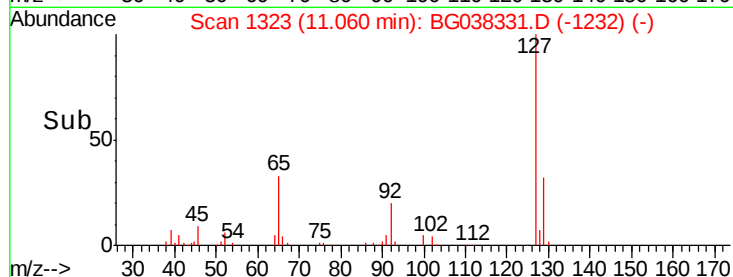
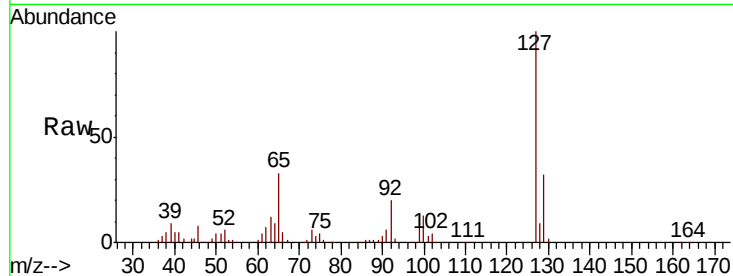




#33
4-Chloroaniline
Concen: 41.613 ng
RT: 11.06 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

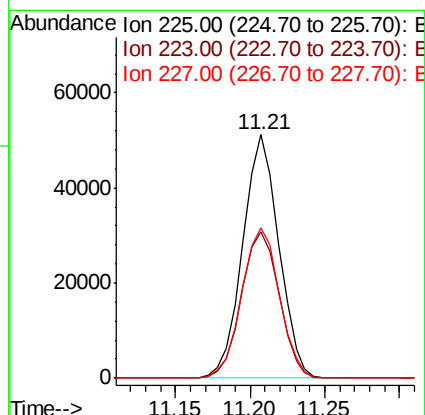
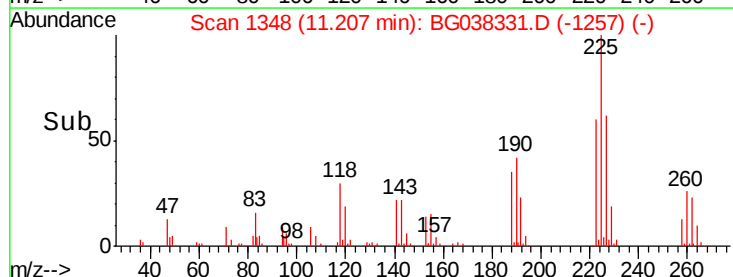
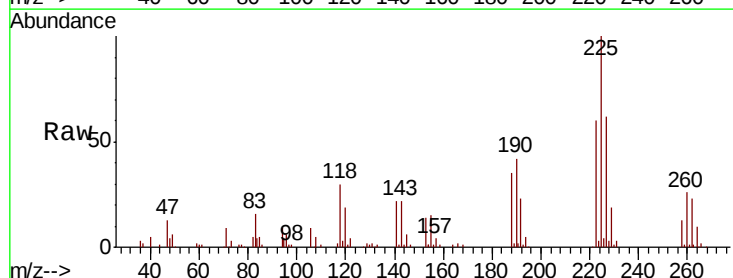
Instrument :
BNA_G
ClientSampleId :
ICVBG120418

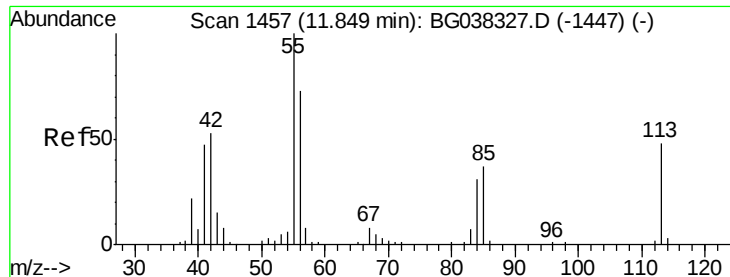
Tot Ion:127 Resp: 165054
Ion Ratio Lower Upper
127 100
129 32.5 27.1 40.7
65 33.3 26.6 39.8
92 20.1 16.4 24.6



#34
Hexachlorobutadiene
Concen: 40.057 ng
RT: 11.21 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

Tgt Ion:225 Resp: 85782
Ion Ratio Lower Upper
225 100
223 57.6 48.2 72.4
227 61.6 51.6 77.4





#35

Caprolactam

Concen: 37.865 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

BNA_G

ClientSampleId :

ICVBG120418

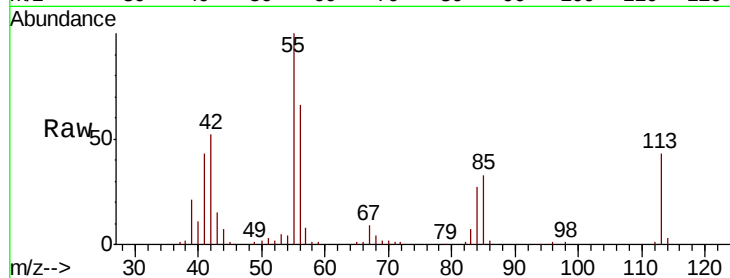
Tot Ion:113 Resp: 45661

Ion Ratio Lower Upper

113 100

55 232.1 176.6 216.6#

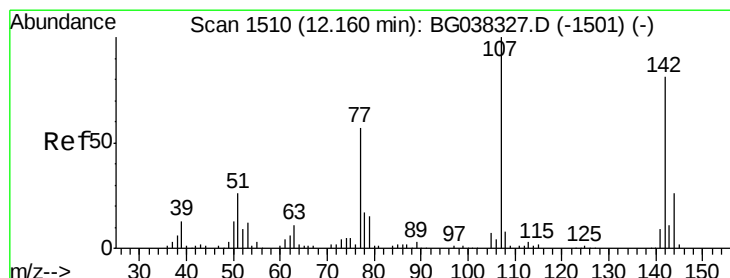
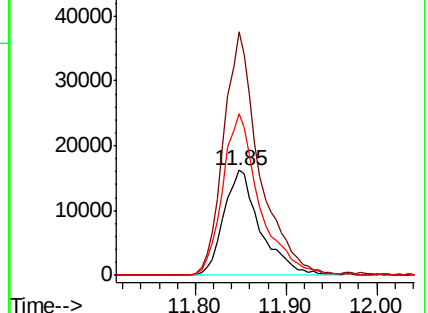
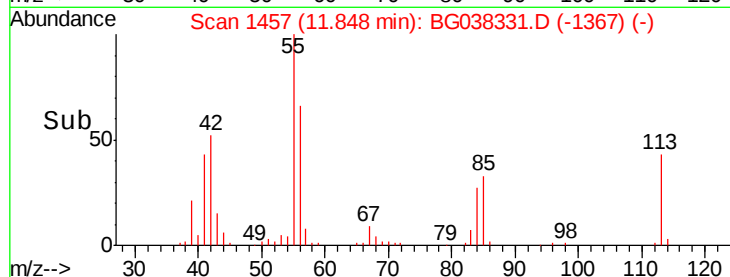
56 153.9 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 38.478 ng

RT: 12.16 min Scan# 1511

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

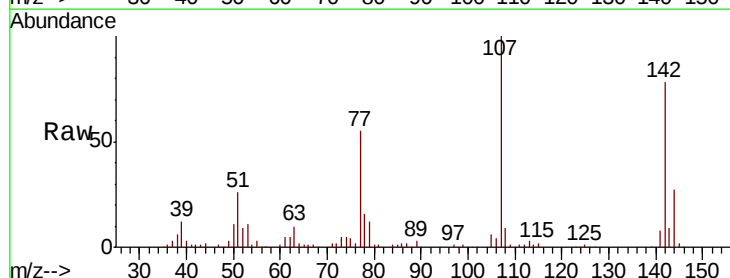
Tgt Ion:107 Resp: 124667

Ion Ratio Lower Upper

107 100

144 27.0 20.7 31.1

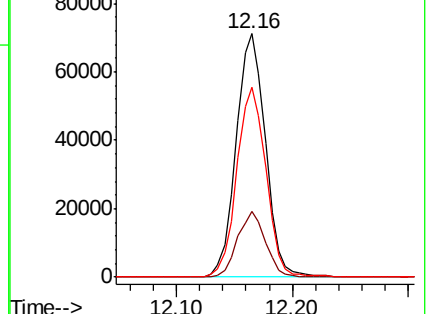
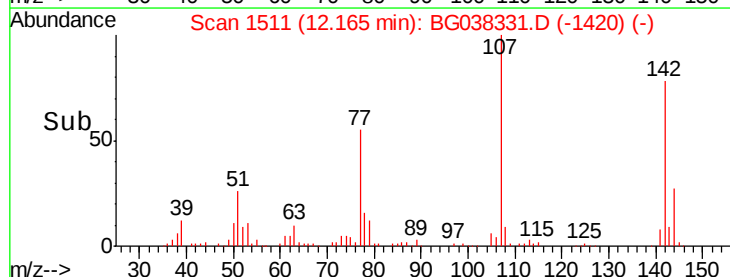
142 78.0 64.4 96.6

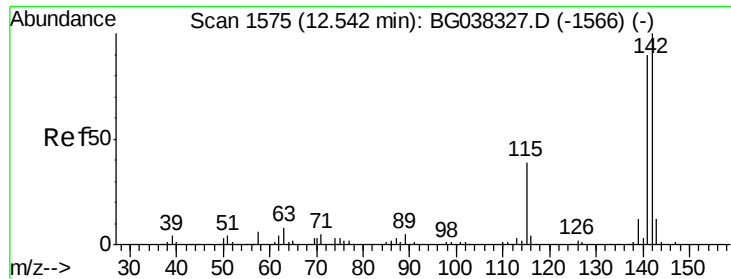


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

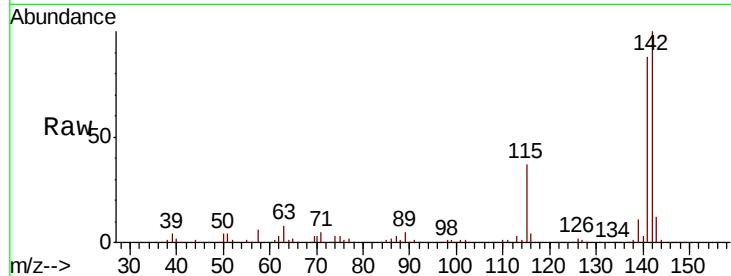




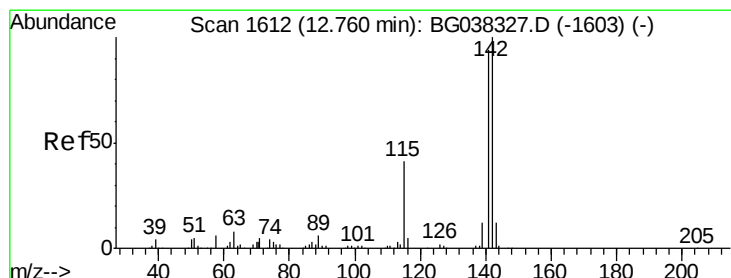
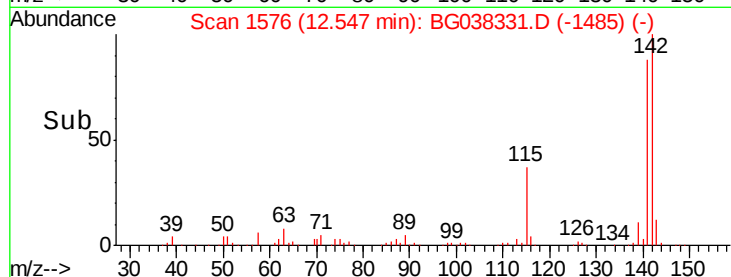
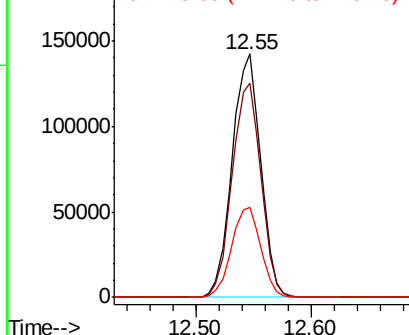
#37
2-Methylnaphthalene
Concen: 38.245 ng
RT: 12.55 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

Instrument :
BNA_G
ClientSampleId :
ICVBG120418

Tot Ion:142 Resp: 244029
Ion Ratio Lower Upper
142 100
141 88.0 71.9 107.9
115 37.1 27.8 41.8

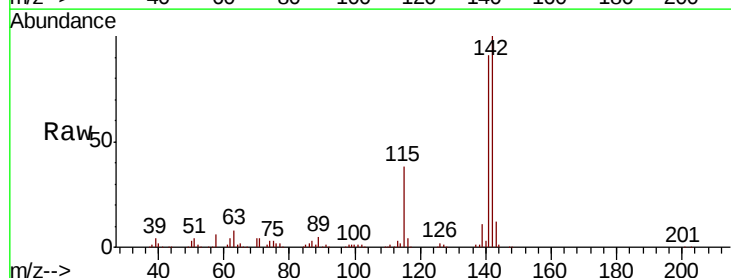


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

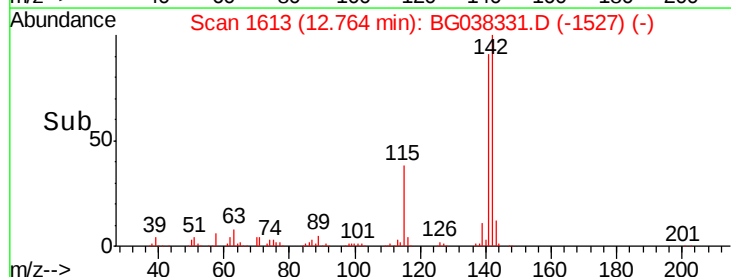
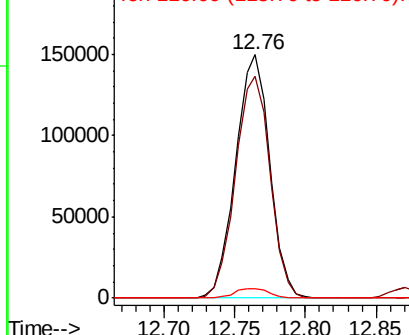


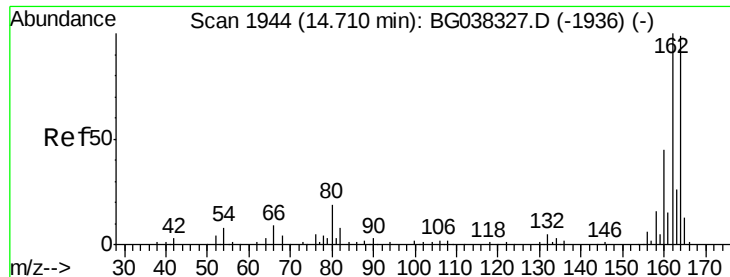
#38
1-Methylnaphthalene
Concen: 41.424 ng
RT: 12.76 min Scan# 1613
Delta R.T. 0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

Tgt Ion:142 Resp: 253154
Ion Ratio Lower Upper
142 100
141 91.0 75.2 112.8
116 4.1 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

BNA_G

ClientSampleId :

ICVBG120418

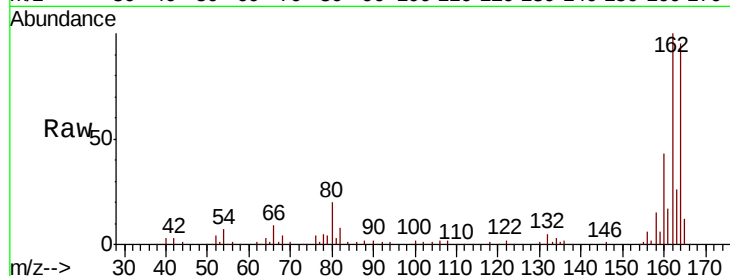
Tot Ion:164 Resp: 108060

Ion Ratio Lower Upper

164 100

162 105.4 81.3 121.9

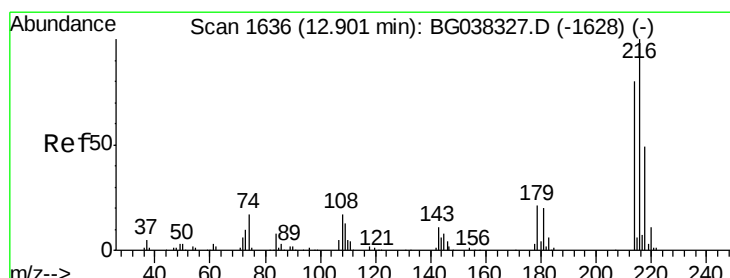
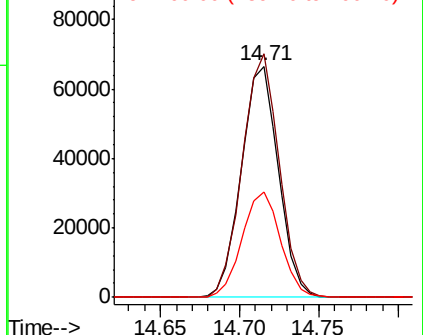
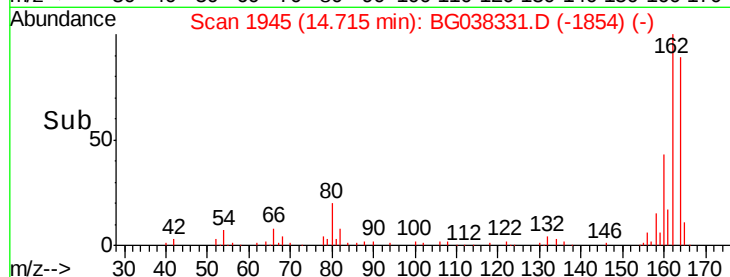
160 45.8 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.404 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Tgt Ion:216 Resp: 153955

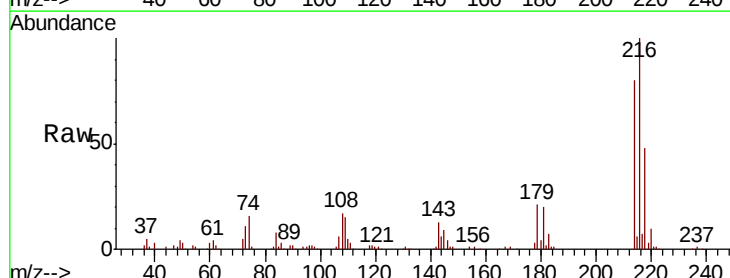
Ion Ratio Lower Upper

216 100

214 80.5 63.8 95.6

179 21.6 17.4 26.0

108 18.3 13.9 20.9

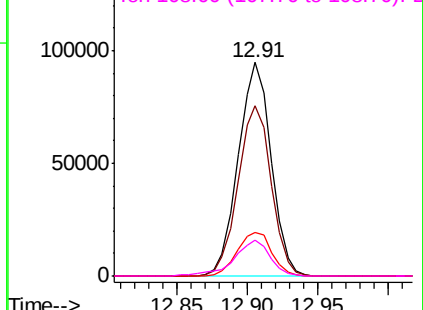
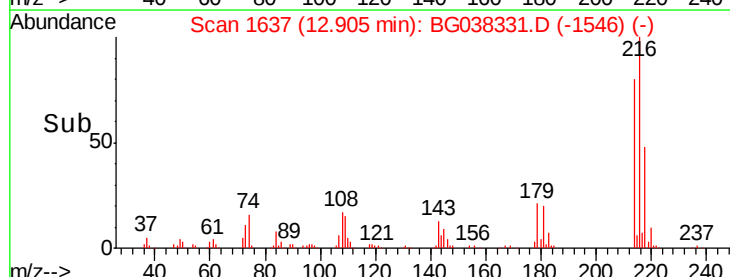


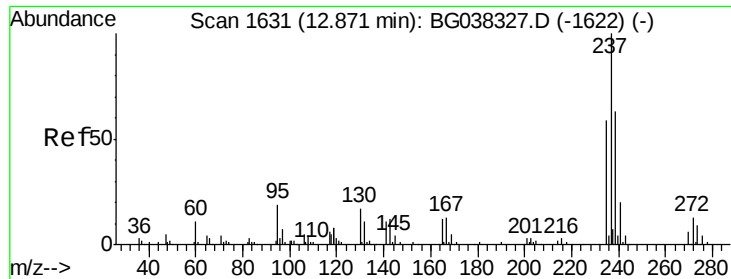
Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.391 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

BNA_G

ClientSampleId :

ICVBG120418

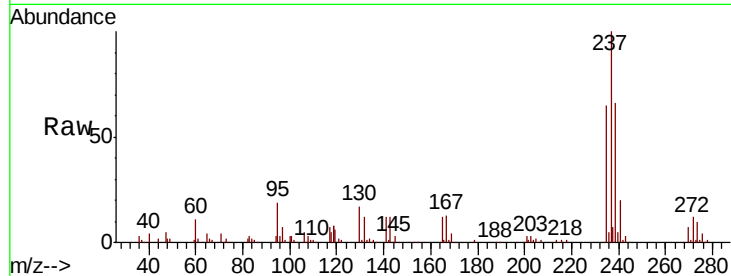
Tot Ion:237 Resp: 86621

Ion Ratio Lower Upper

237 100

235 65.4 42.5 82.5

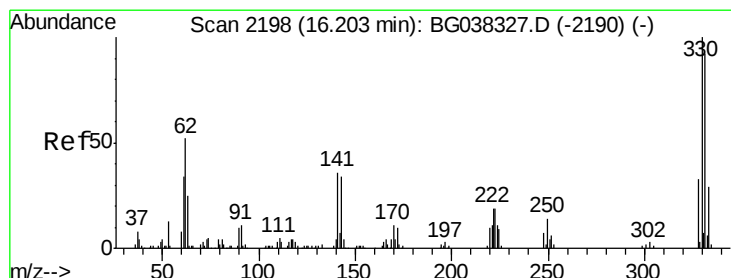
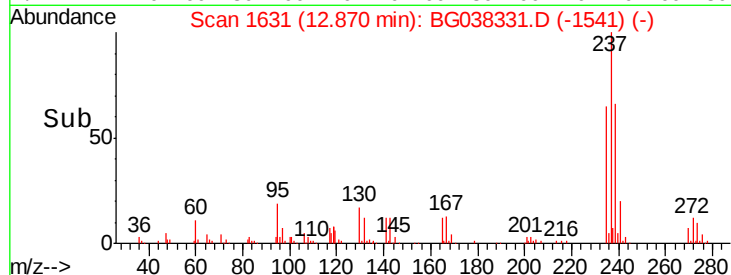
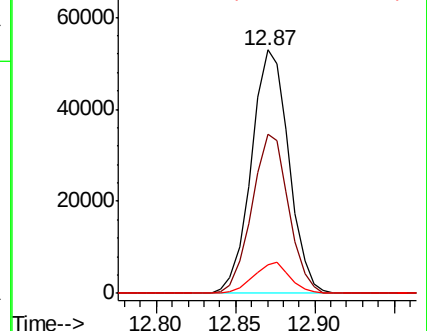
272 11.7 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 77.446 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

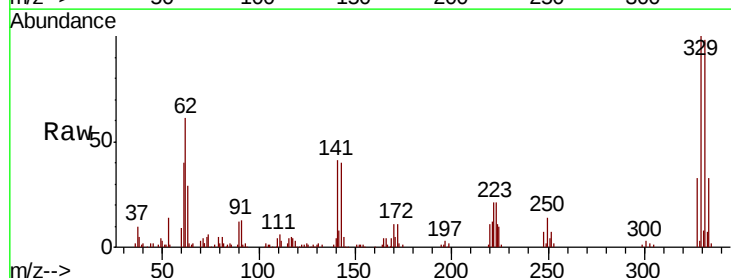
Tgt Ion:330 Resp: 102737

Ion Ratio Lower Upper

330 100

332 98.2 78.4 117.6

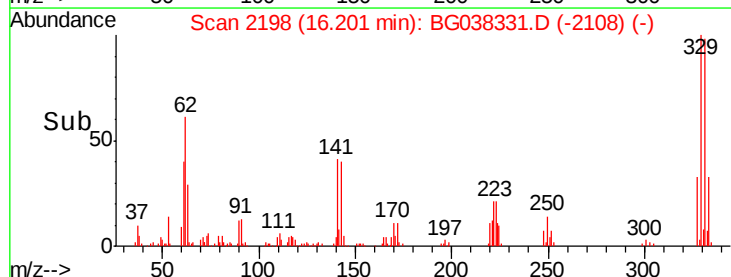
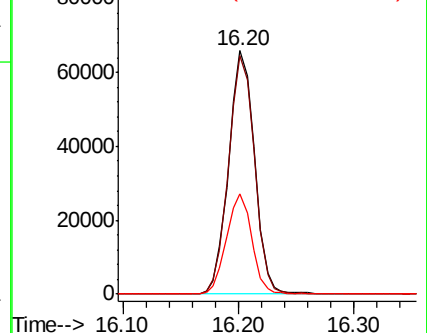
141 39.9 32.2 48.2

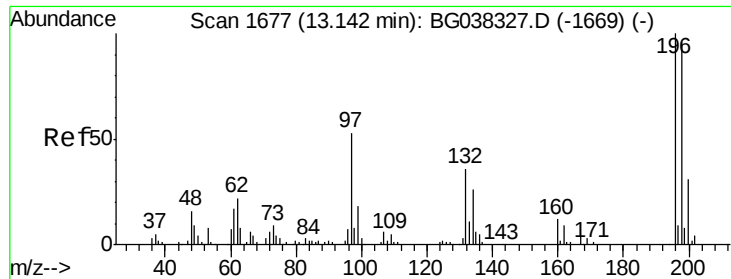


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

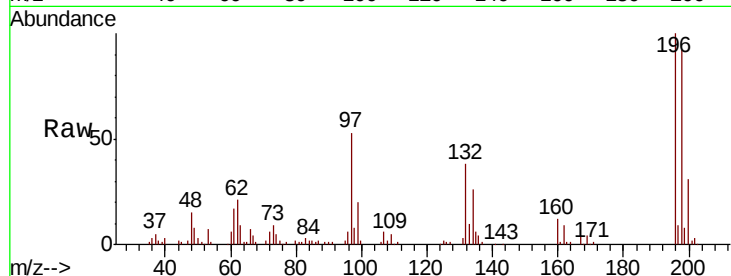




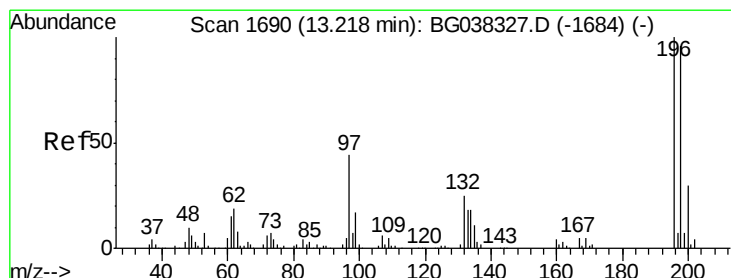
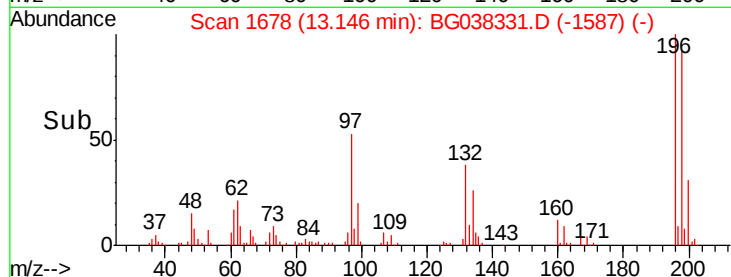
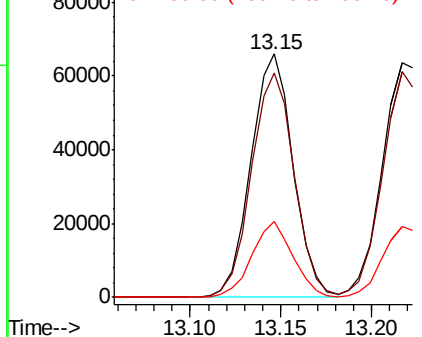
#43
 2,4,6-Trichlorophenol
 Concen: 44.641 ng
 RT: 13.15 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BG038331.D
 Acq: 4 Dec 2018 16:17

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG120418

Tot Ion:196 Resp: 107526
 Ion Ratio Lower Upper
 196 100
 198 92.3 76.4 114.6
 200 31.4 24.9 37.3



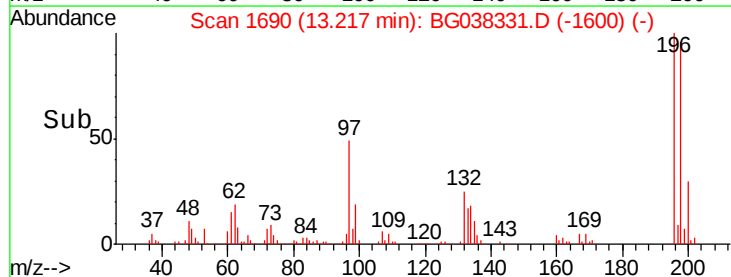
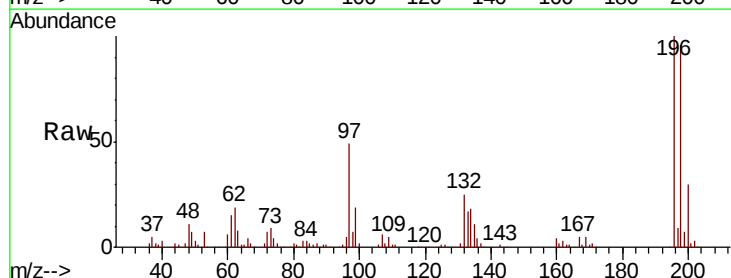
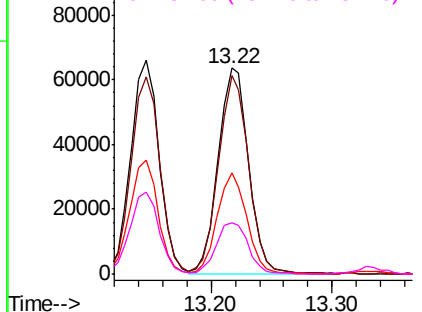
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

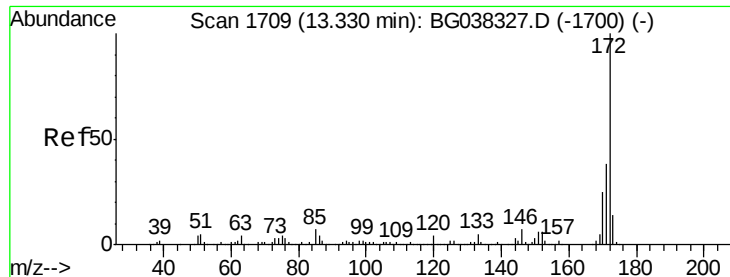


#44
 2,4,5-Trichlorophenol
 Concen: 43.610 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BG038331.D
 Acq: 4 Dec 2018 16:17

Tgt Ion:196 Resp: 111281
 Ion Ratio Lower Upper
 196 100
 198 96.4 74.2 111.2
 97 49.5 34.1 51.1
 132 25.2 20.2 30.4

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

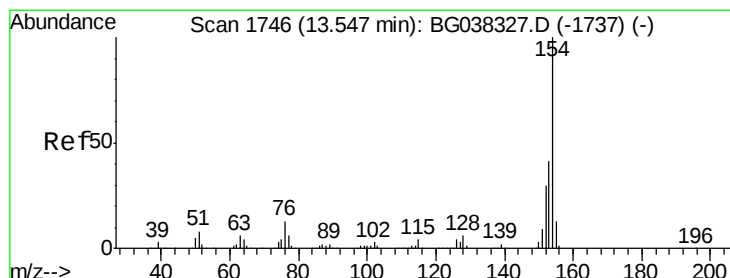
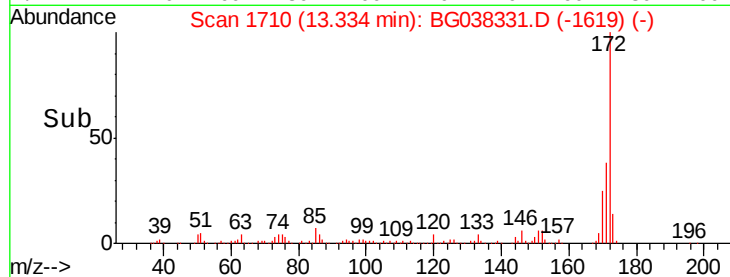
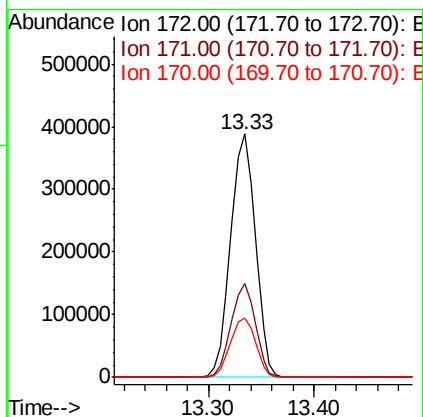
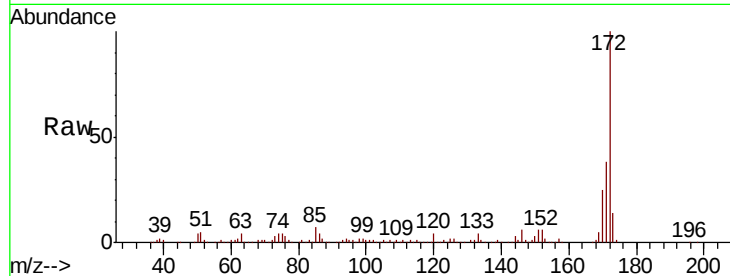




#45
 2-Fluorobiphenyl
 Concen: 83.019 ng
 RT: 13.33 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG038331.D
 Acq: 4 Dec 2018 16:17

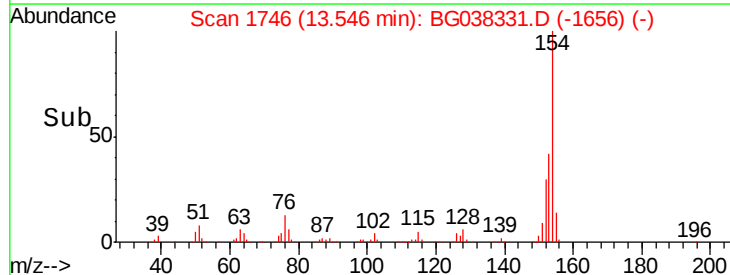
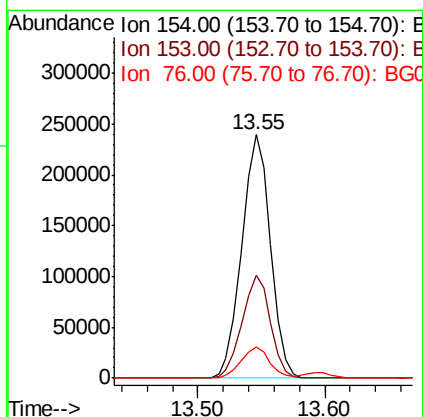
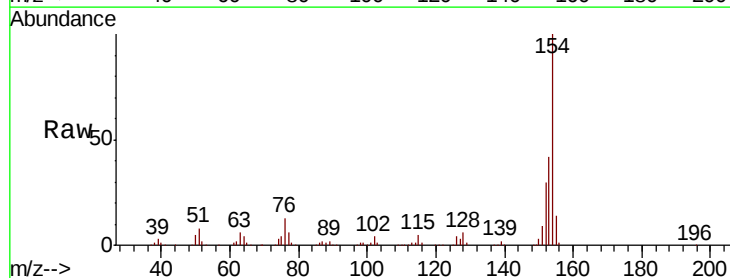
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG120418

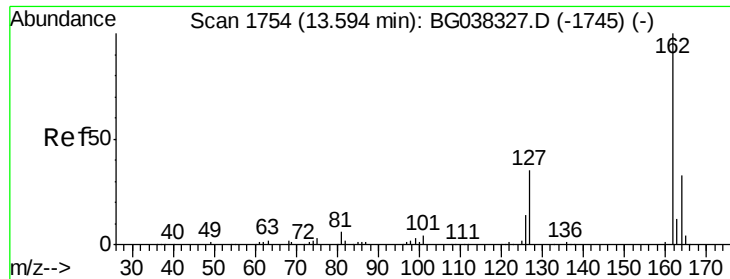
Tot Ion:172 Resp: 629585
 Ion Ratio Lower Upper
 172 100
 171 38.4 31.0 46.4
 170 24.5 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 40.961 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG038331.D
 Acq: 4 Dec 2018 16:17

Tgt Ion:154 Resp: 374144
 Ion Ratio Lower Upper
 154 100
 153 42.4 22.1 62.1
 76 13.0 0.0 33.2

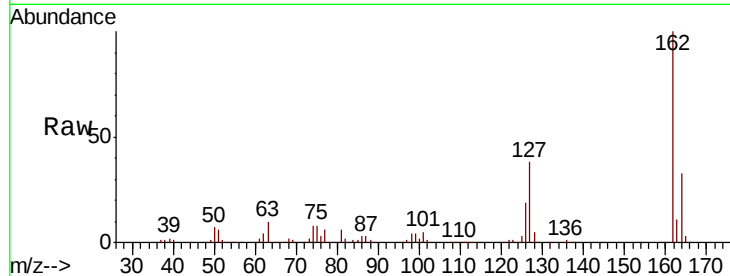




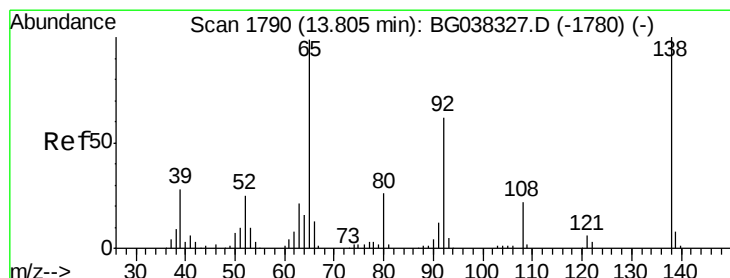
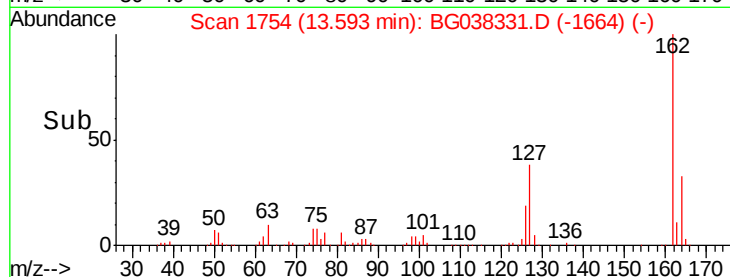
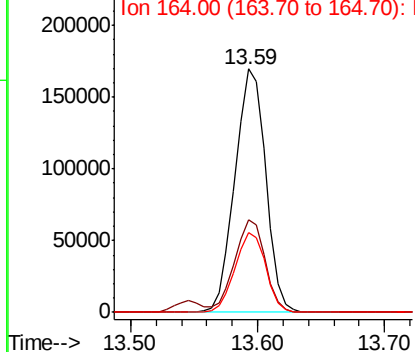
#47
 2-Chloronaphthalene
 Concen: 41.307 ng
 RT: 13.59 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG038331.D
 Acq: 4 Dec 2018 16:17

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG120418

Tot Ion:162 Resp: 284714
 Ion Ratio Lower Upper
 162 100
 127 37.8 30.5 45.7
 164 32.9 26.4 39.6

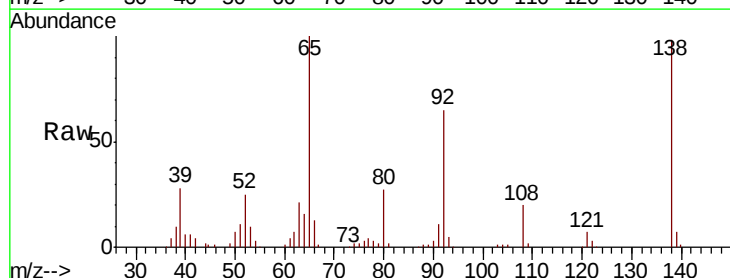


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

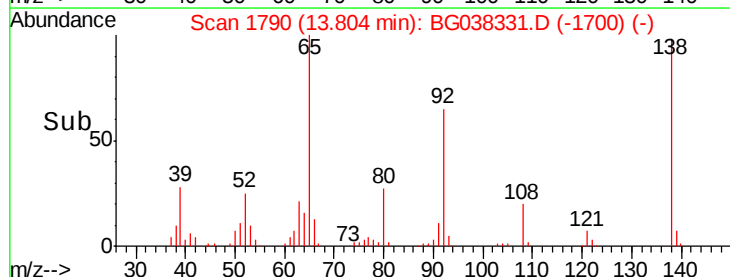
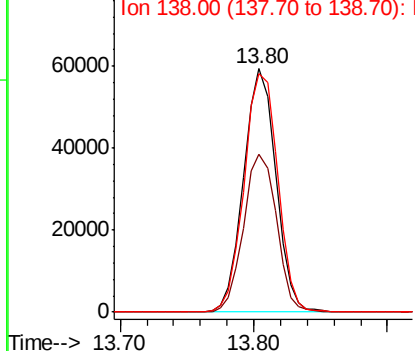


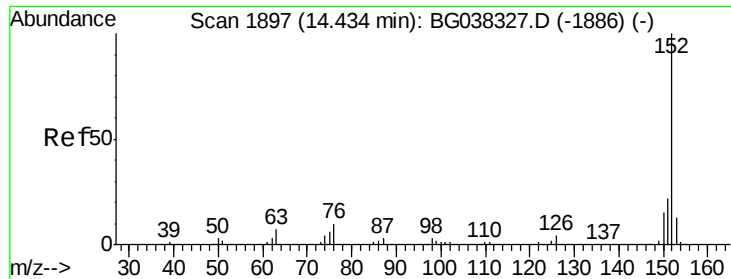
#48
 2-Nitroaniline
 Concen: 42.924 ng
 RT: 13.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BG038331.D
 Acq: 4 Dec 2018 16:17

Tgt Ion: 65 Resp: 99258
 Ion Ratio Lower Upper
 65 100
 92 64.9 53.2 79.8
 138 97.8 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: 40.593 ng

RT: 14.44 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

BNA_G

ClientSampleId :

ICVBG120418

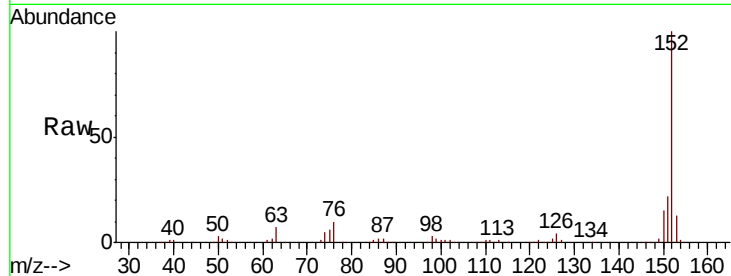
Tot Ion:152 Resp: 421385

Ion Ratio Lower Upper

152 100

151 22.0 17.1 25.7

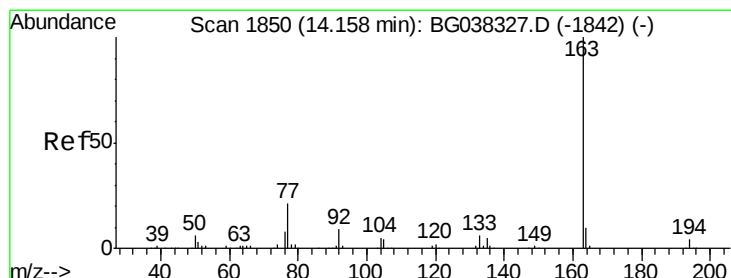
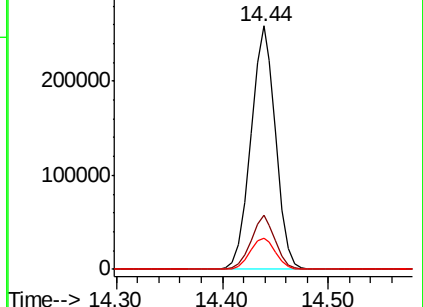
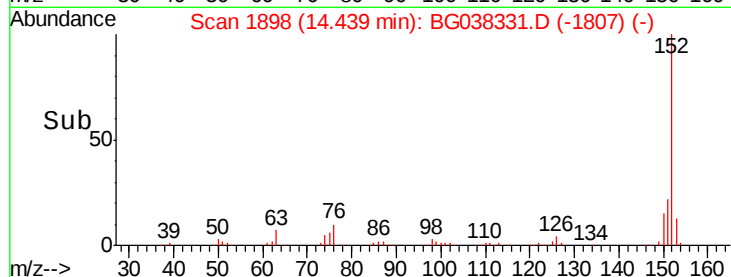
153 12.7 11.1 16.7



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: 41.904 ng

RT: 14.16 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

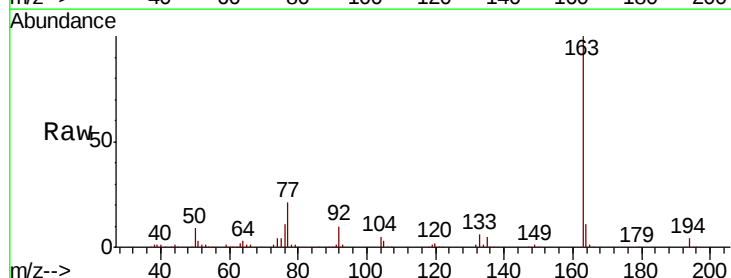
Tgt Ion:163 Resp: 363199

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

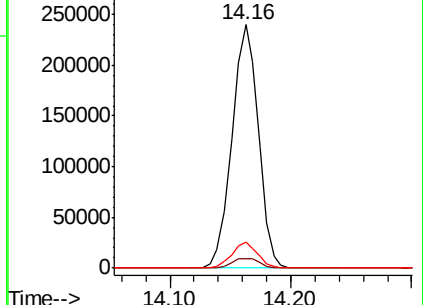
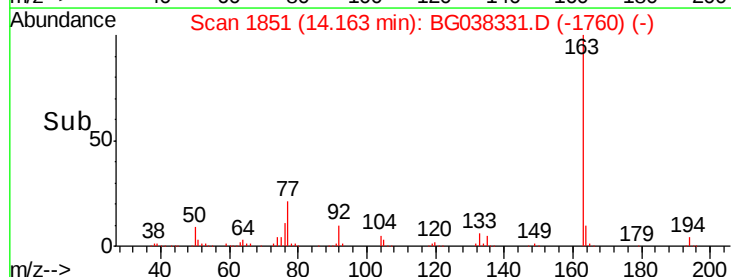
164 10.5 8.5 12.7

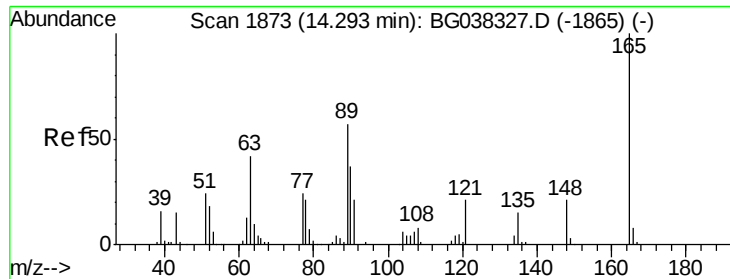


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

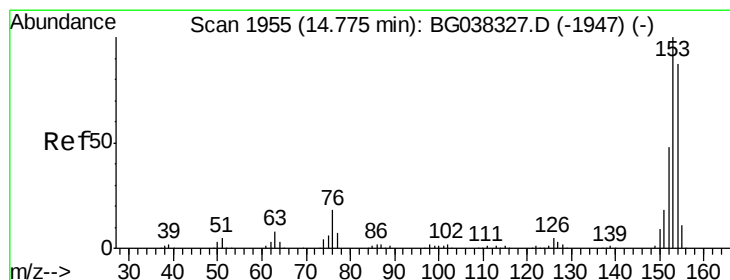
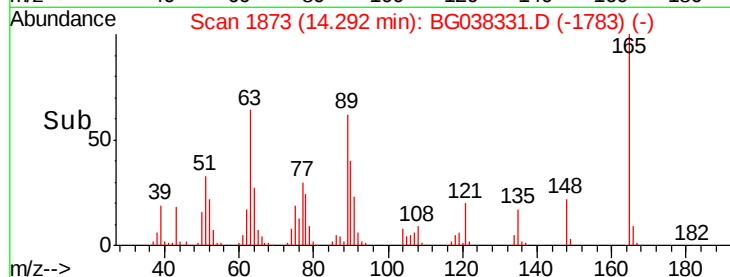
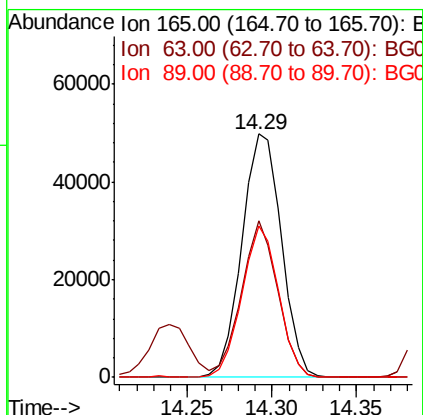
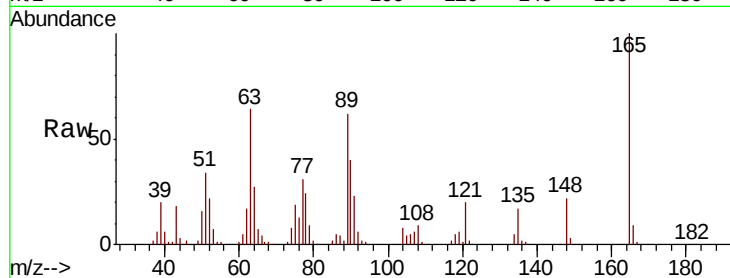




#51
 2,6-Dinitrotoluene
 Concen: 40.901 ng
 RT: 14.29 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BG038331.D
 Acq: 4 Dec 2018 16:17

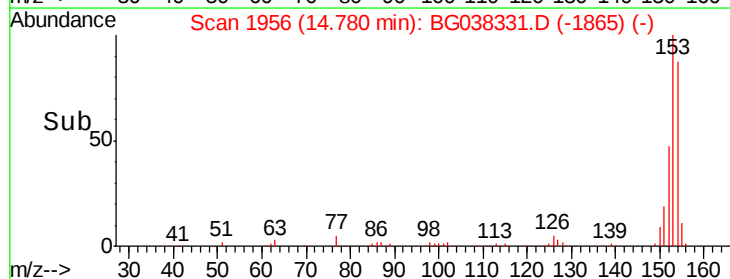
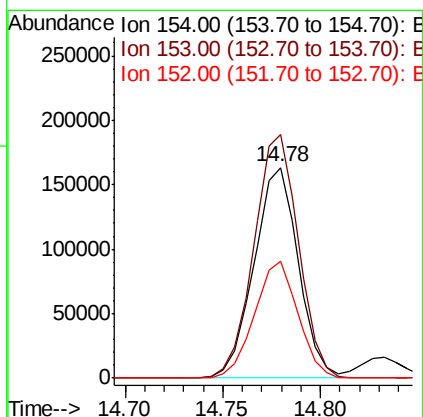
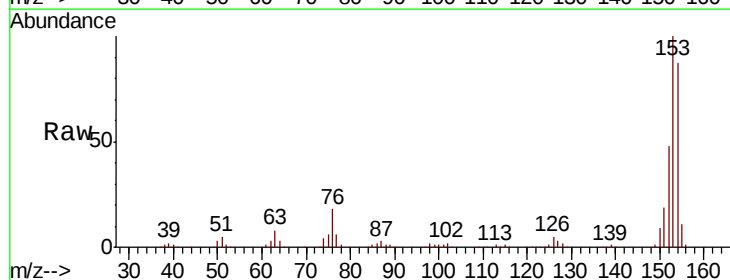
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG120418

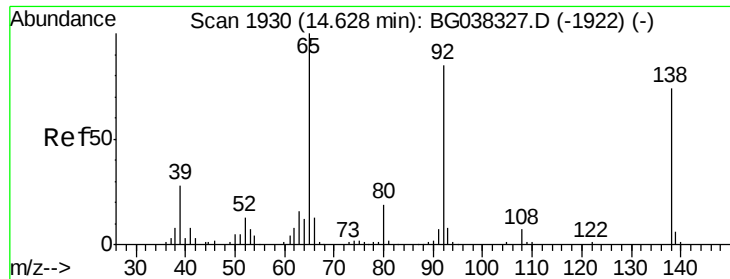
Tot Ion:165 Resp: 80979
 Ion Ratio Lower Upper
 165 100
 63 64.3 43.4 65.2
 89 62.3 45.8 68.6



#52
 Acenaphthene
 Concen: 40.525 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: BG038331.D
 Acq: 4 Dec 2018 16:17

Tgt Ion:154 Resp: 256457
 Ion Ratio Lower Upper
 154 100
 153 115.5 93.4 140.0
 152 55.7 44.7 67.1





#53

3-Nitroaniline

Concen: 42.264 ng

RT: 14.63 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

BNA_G

ClientSampleId :

ICVBG120418

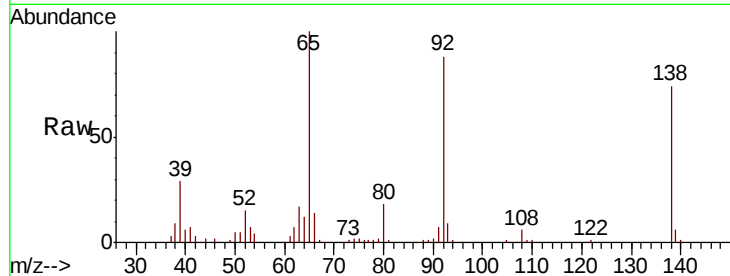
Tot Ion:138 Resp: 90120

Ion Ratio Lower Upper

138 100

108 8.3 11.0 16.6#

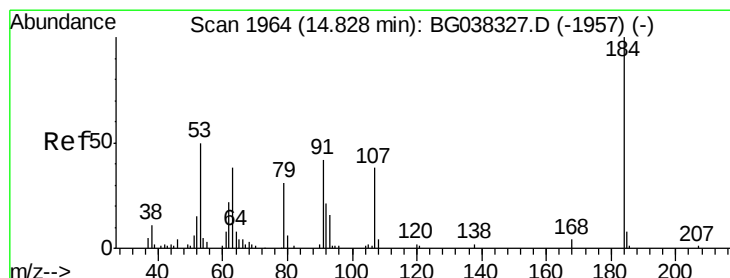
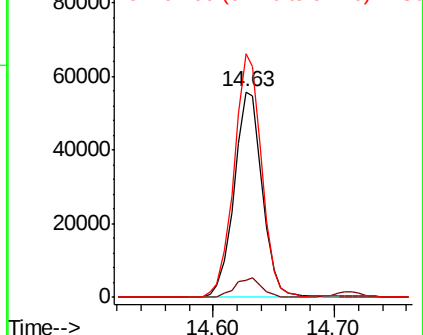
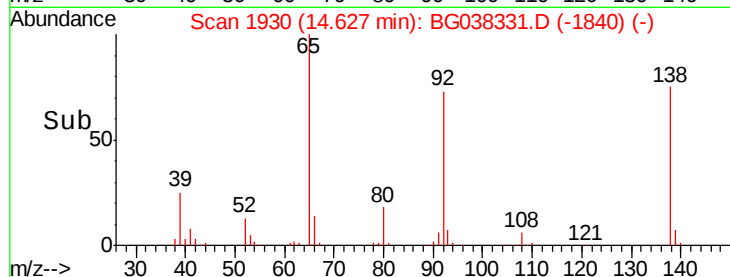
92 118.4 95.2 142.8



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: 40.740 ng

RT: 14.83 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

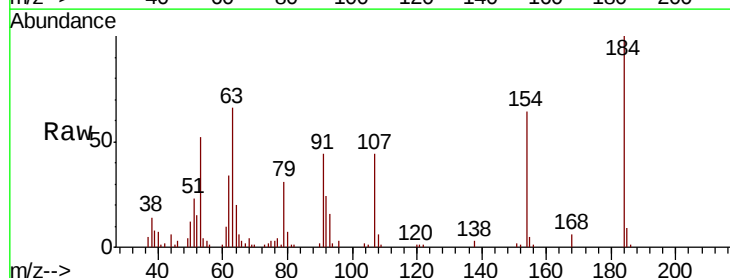
Tgt Ion:184 Resp: 44216

Ion Ratio Lower Upper

184 100

63 66.0 42.6 63.8#

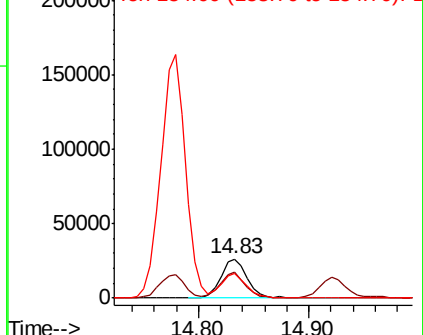
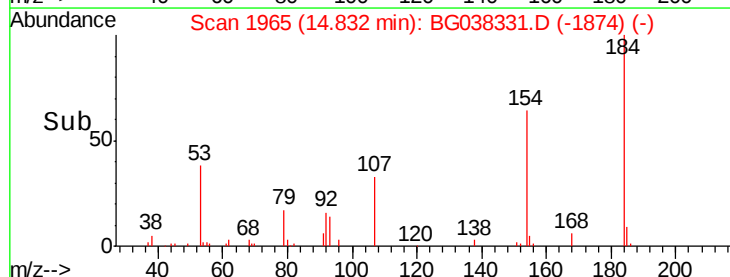
154 63.6 41.8 62.6#

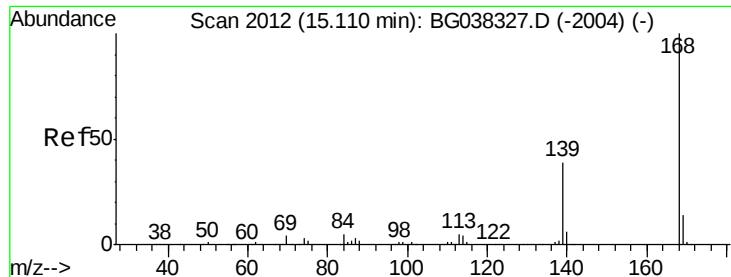


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

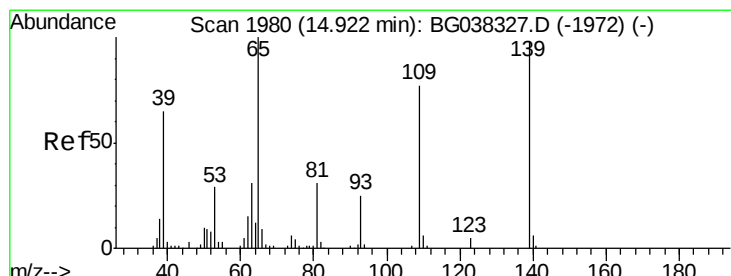
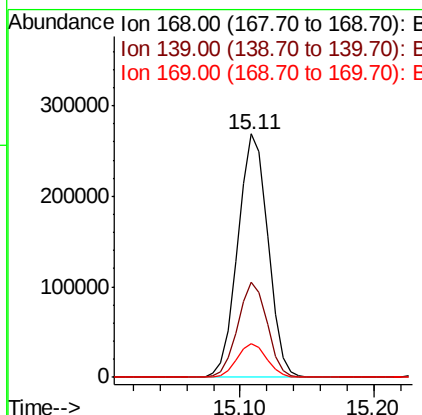
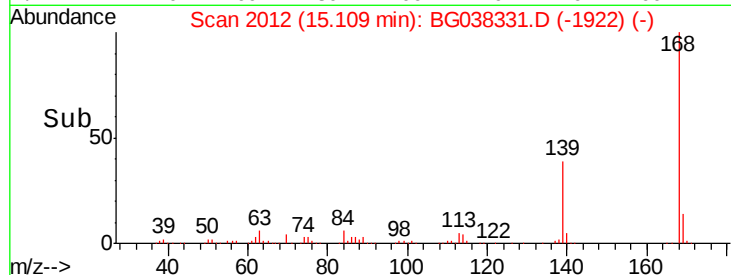
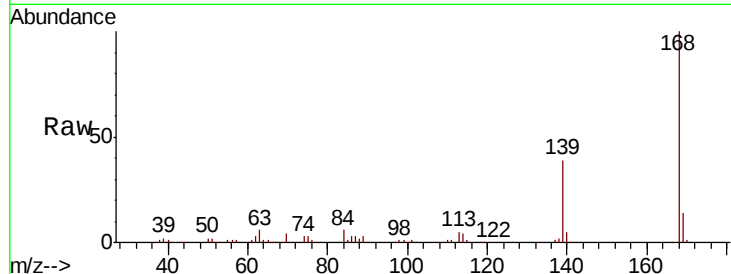




#55
Dibenzenofuran
Concen: 40.064 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

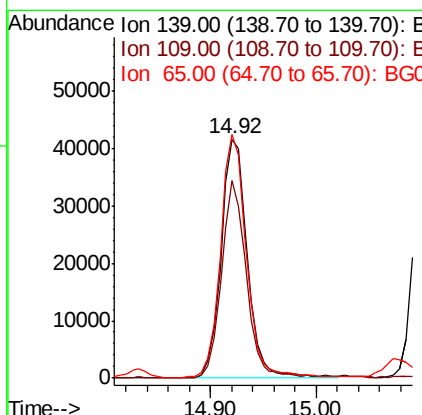
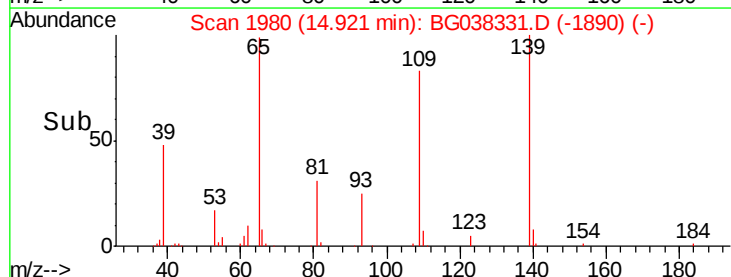
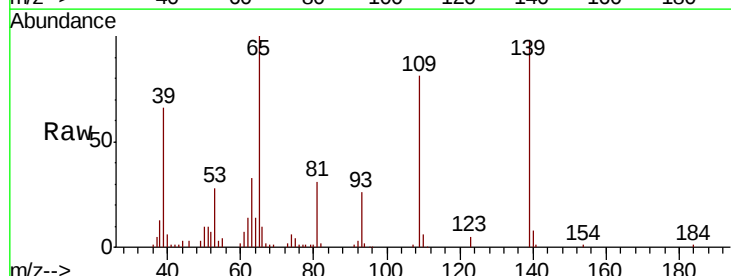
Instrument :
BNA_G
ClientSampleId :
ICVBG120418

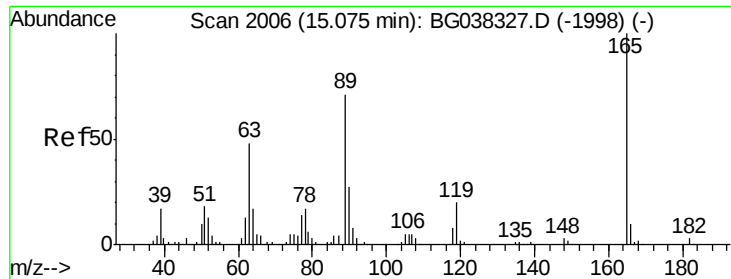
Tot Ion:168 Resp: 419159
Ion Ratio Lower Upper
168 100
139 39.0 29.4 44.0
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 42.585 ng
RT: 14.92 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

Tgt Ion:139 Resp: 71731
Ion Ratio Lower Upper
139 100
109 82.7 49.5 89.5
65 101.8 76.8 116.8

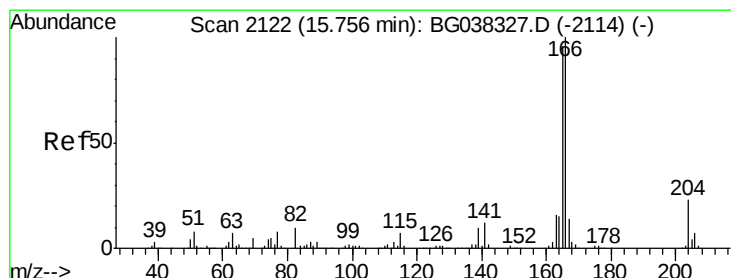
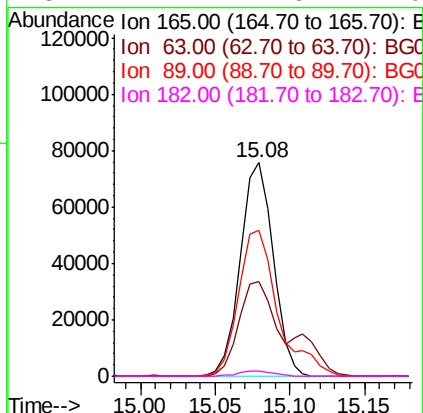
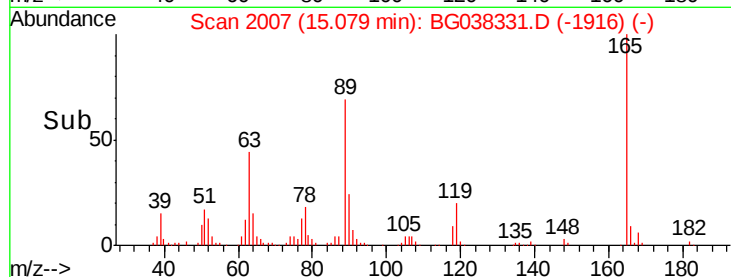
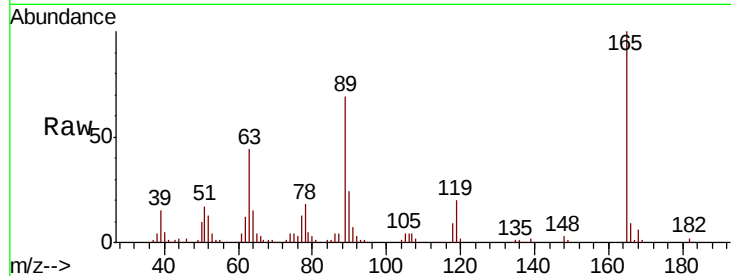




#57
2,4-Dinitrotoluene
Concen: 42.405 ng
RT: 15.08 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

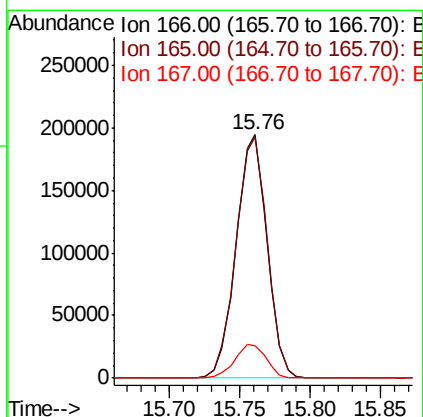
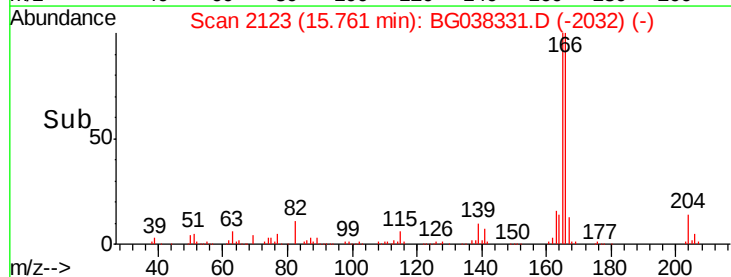
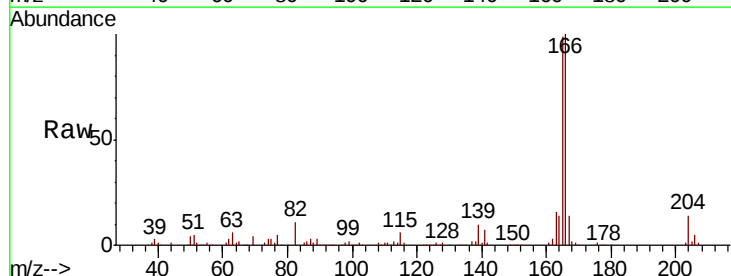
Instrument :
BNA_G
ClientSampleId :
ICVBG120418

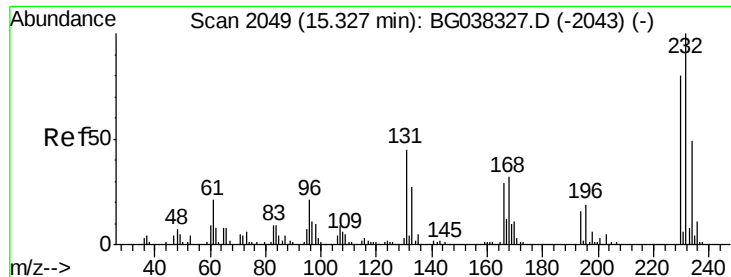
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.5	33.4	50.0
89	68.6	57.2	85.8
182	2.4	2.6	4.0



#58
Fluorene
Concen: 38.572 ng
RT: 15.76 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.0	118.6
167	13.5	11.3	16.9

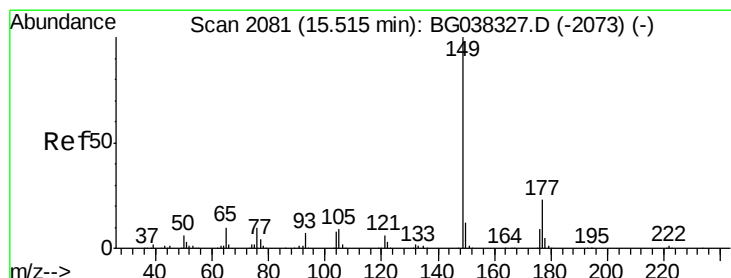
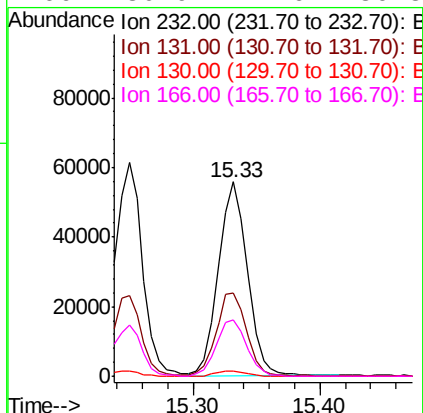
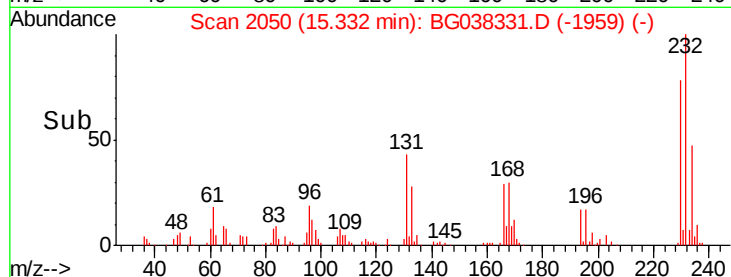
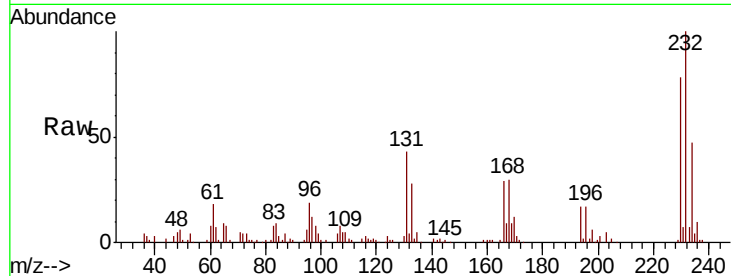




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.828 ng
 RT: 15.33 min Scan# 2050
 Delta R.T. 0.00 min
 Lab File: BG038331.D
 Acq: 4 Dec 2018 16:17

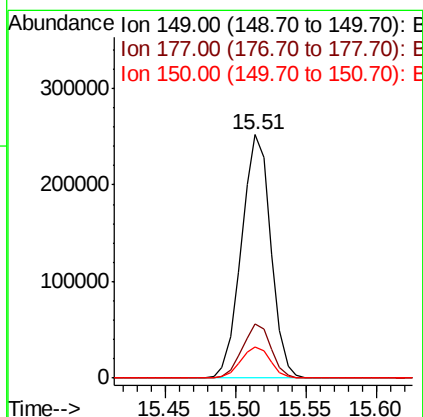
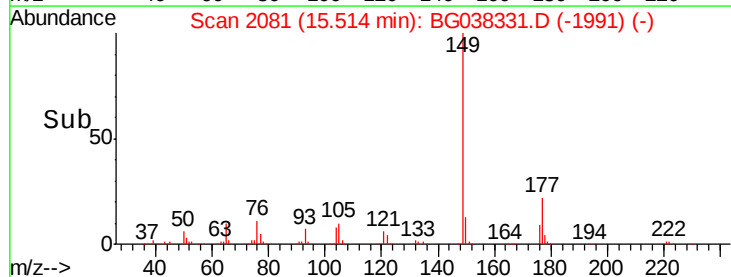
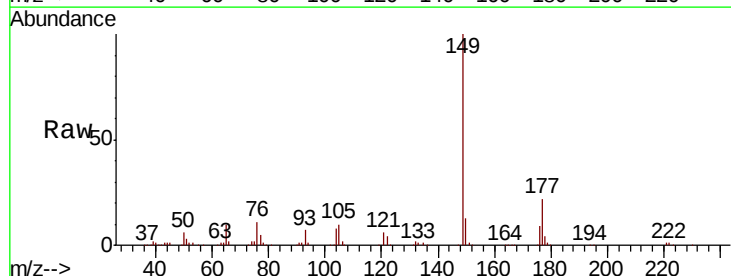
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG120418

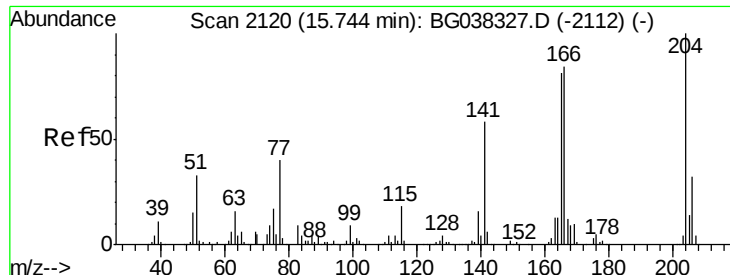
Tot Ion:232 Resp: 88267
 Ion Ratio Lower Upper
 232 100
 131 45.5 33.7 50.5
 130 2.7 2.1 3.1
 166 30.9 24.6 36.8



#60
 Diethylphthalate
 Concen: 38.180 ng
 RT: 15.51 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038331.D
 Acq: 4 Dec 2018 16:17

Tgt Ion:149 Resp: 366621
 Ion Ratio Lower Upper
 149 100
 177 22.5 18.3 27.5
 150 12.9 10.0 15.0

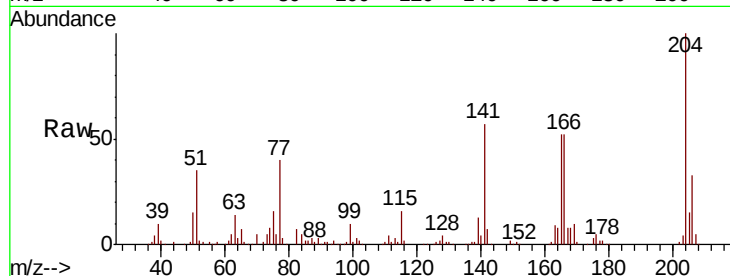




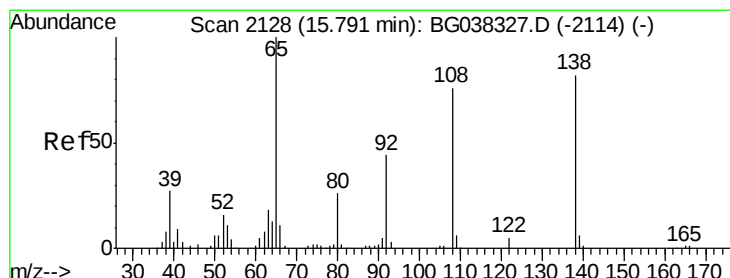
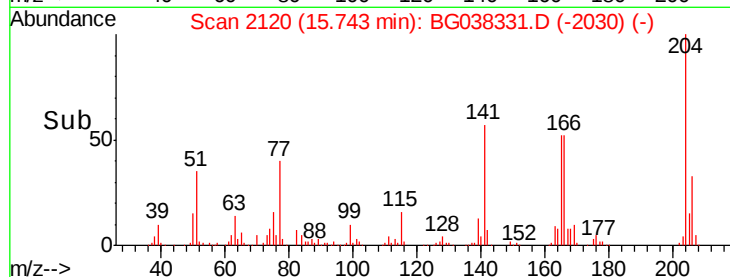
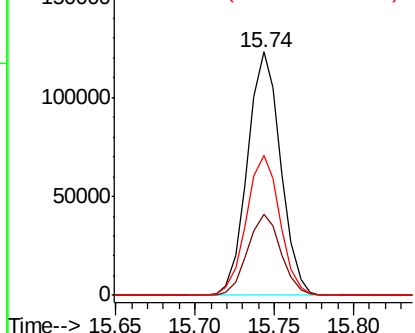
#61
4-Chlorophenyl-phenylether
Concen: 38.666 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

Instrument :
BNA_G
ClientSampleId :
ICVBG120418

Tot Ion:204 Resp: 179017
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 57.4 45.4 68.2

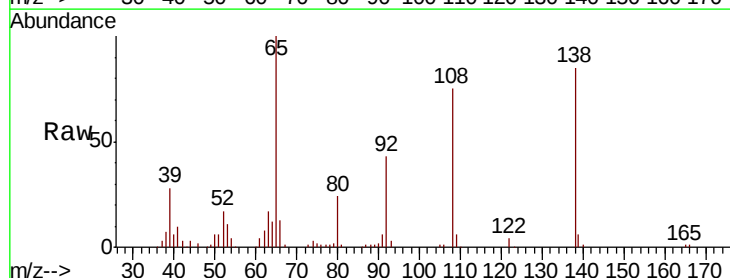


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

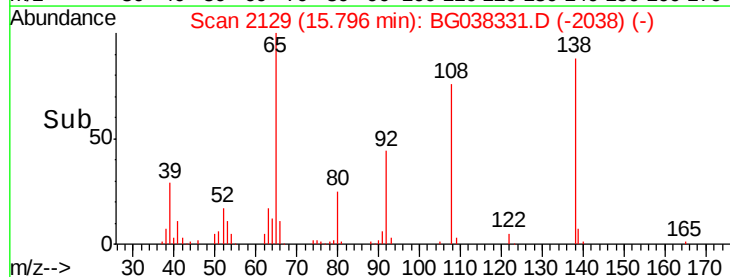
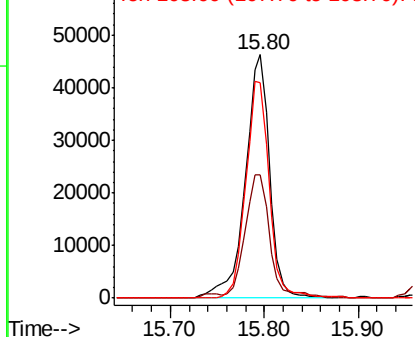


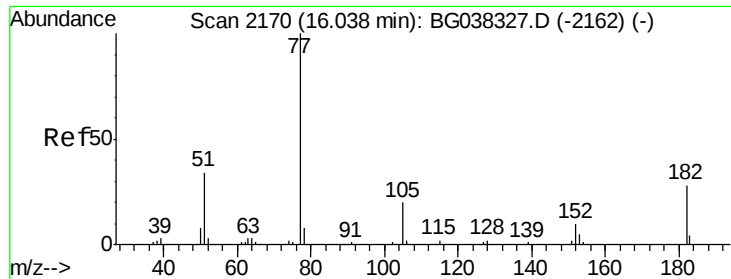
#62
4-Nitroaniline
Concen: 39.510 ng
RT: 15.80 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

Tgt Ion:138 Resp: 82863
Ion Ratio Lower Upper
138 100
92 50.6 36.4 76.4
108 88.6 60.1 100.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.377 ng

RT: 16.04 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

BNA_G

ClientSampleId :

ICVBG120418

Tot Ion: 77 Resp: 314108

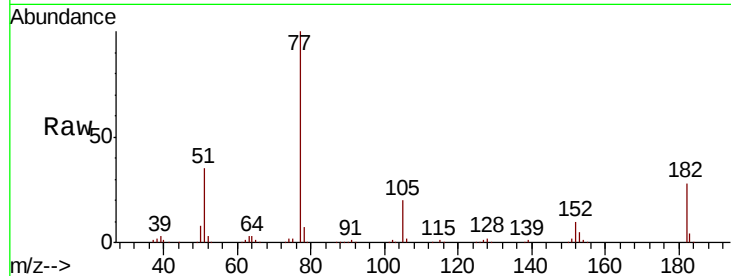
Ion Ratio Lower Upper

77 100

182 27.6 8.0 48.0

105 20.1 1.3 41.3

51 34.5 10.7 50.7

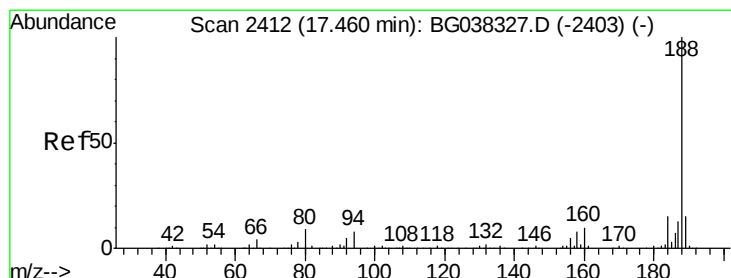
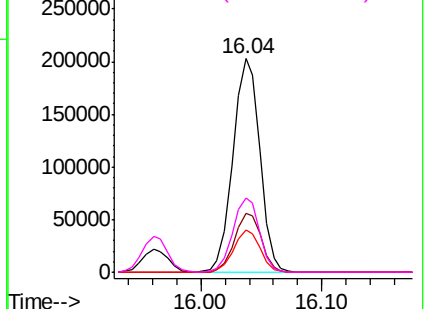
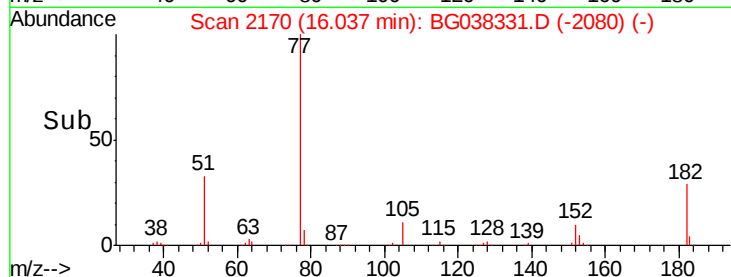


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2412

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

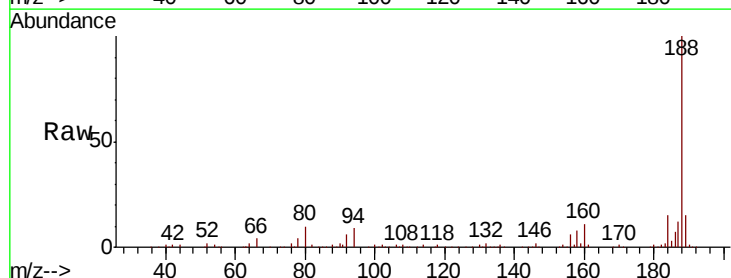
Tgt Ion: 188 Resp: 255270

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

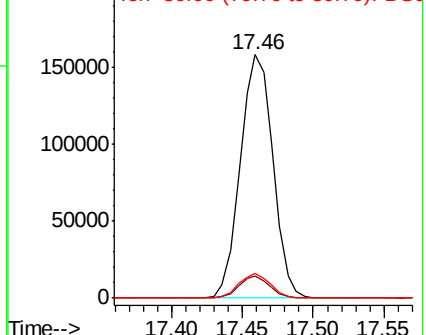
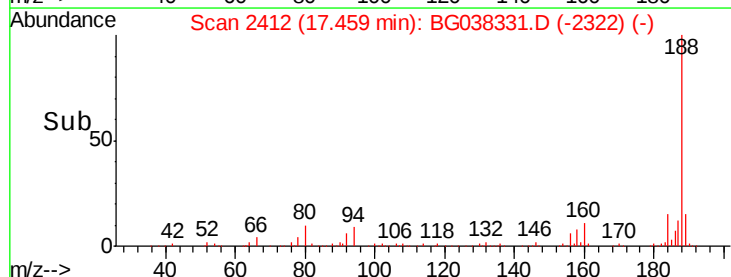
80 10.0 7.7 11.5

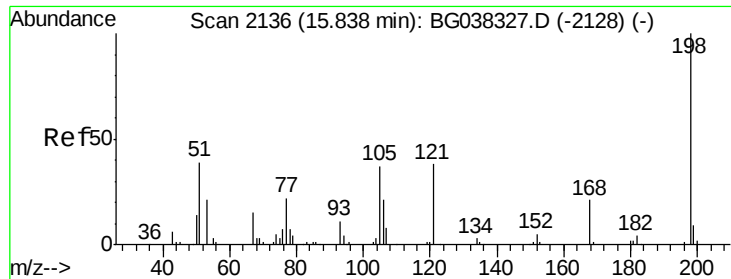


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 41.233 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

BNA_G

ClientSampleId :

ICVBG120418

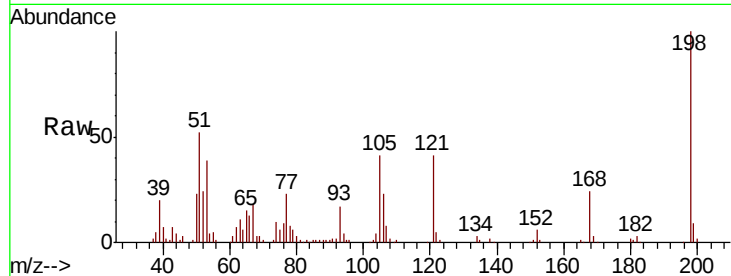
Tot Ion:198 Resp: 68965

Ion Ratio Lower Upper

198 100

51 51.6 22.7 62.7

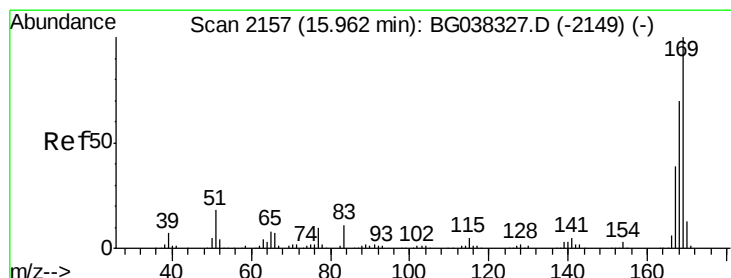
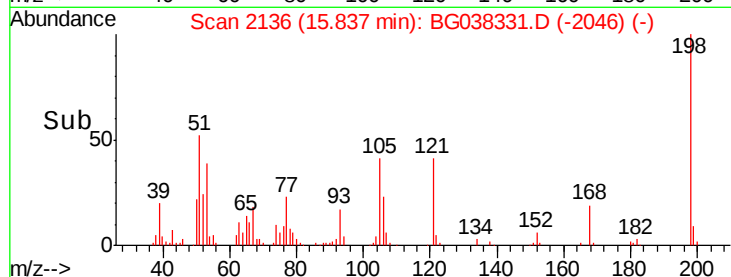
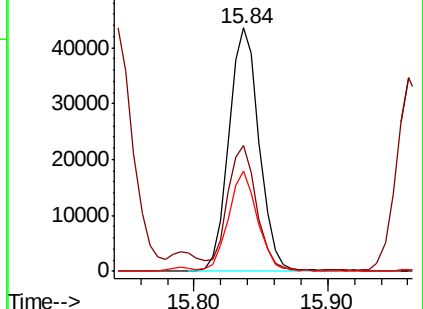
105 41.0 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.074 ng

RT: 15.96 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

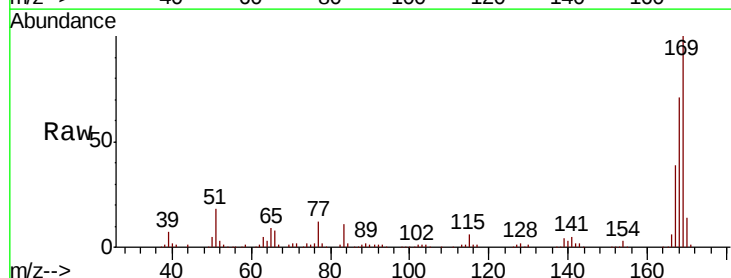
Tgt Ion:169 Resp: 287666

Ion Ratio Lower Upper

169 100

168 71.2 55.7 83.5

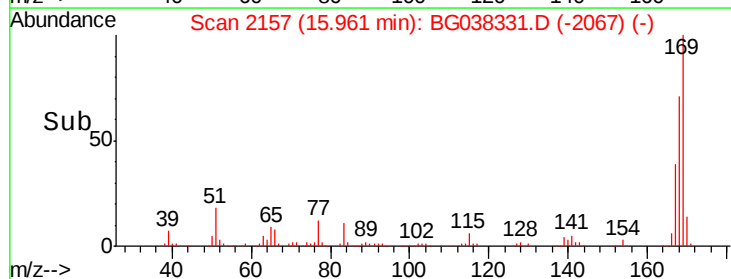
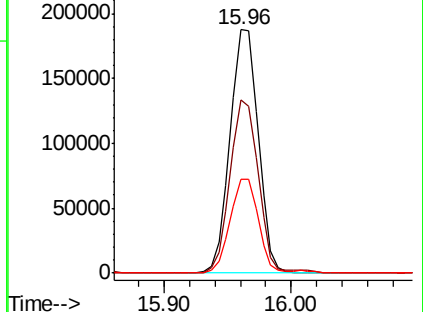
167 38.5 31.3 46.9

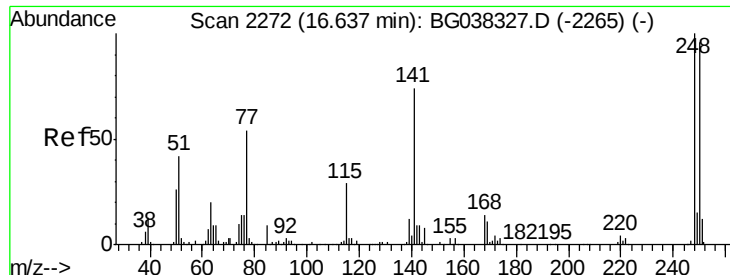


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

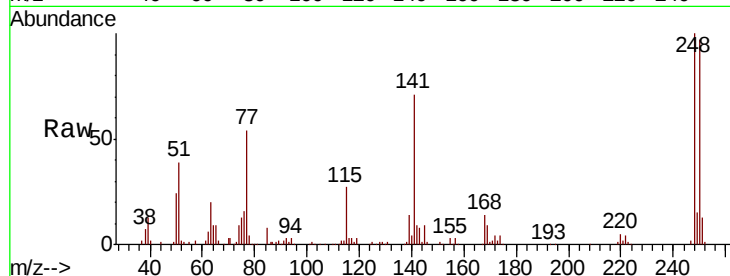




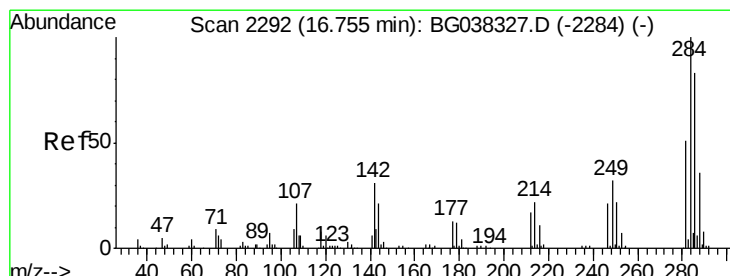
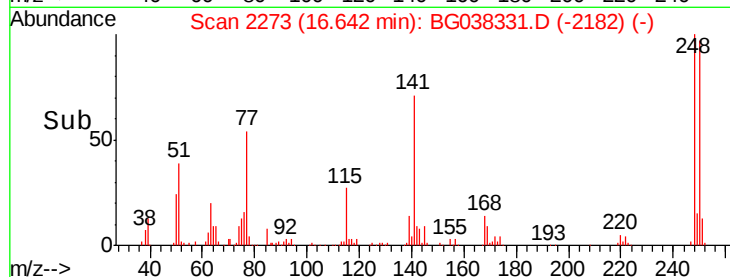
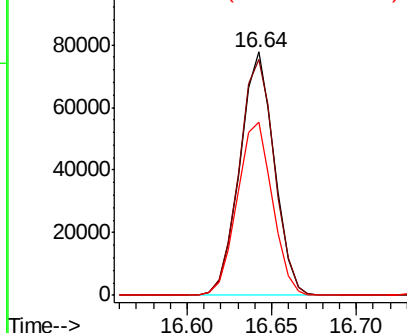
#67
 4-Bromophenyl-phenylether
 Concen: 39.835 ng
 RT: 16.64 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BG038331.D
 Acq: 4 Dec 2018 16:17

Instrument :
 BNA_G
 ClientSampled :
 ICVBG120418

Tot Ion:248 Resp: 109810
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.0 115.6
 141 71.1 55.5 83.3

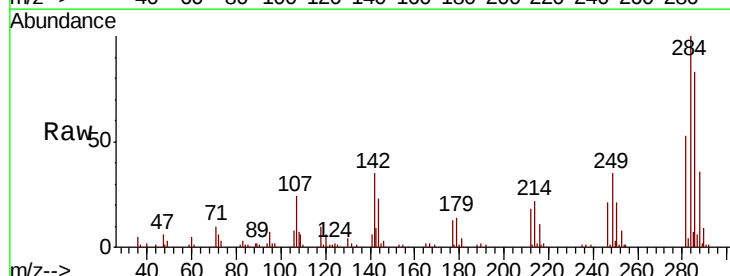


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

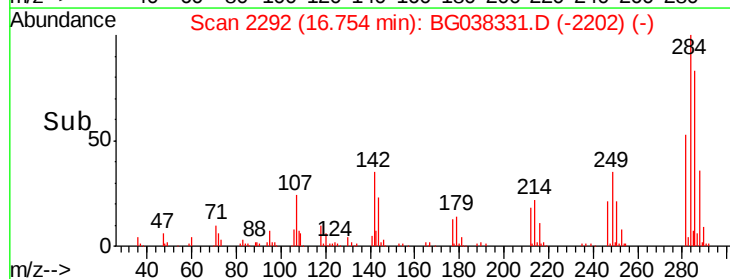
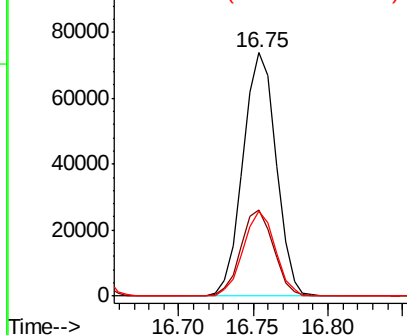


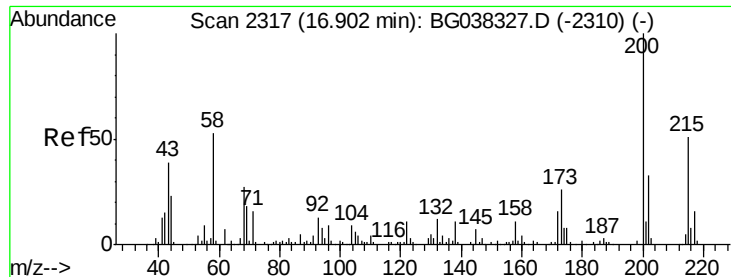
#68
 Hexachlorobenzene
 Concen: 39.870 ng
 RT: 16.75 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG038331.D
 Acq: 4 Dec 2018 16:17

Tgt Ion:284 Resp: 113365
 Ion Ratio Lower Upper
 284 100
 142 35.4 28.1 42.1
 249 37.6 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: 38.937 ng

RT: 16.91 min Scan# 2318

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

BNA_G

ClientSampleId :

ICVBG120418

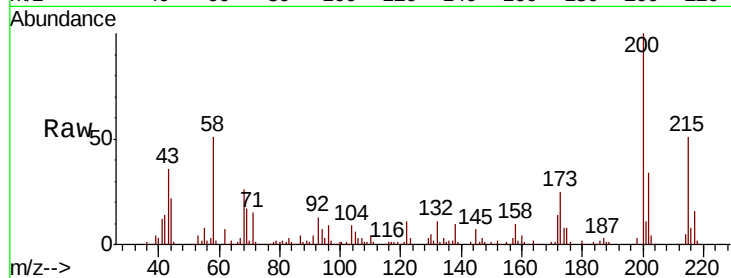
Tot Ion:200 Resp: 104293

Ion Ratio Lower Upper

200 100

173 24.6 6.1 46.1

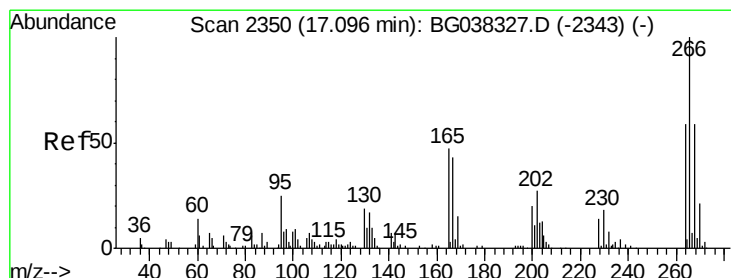
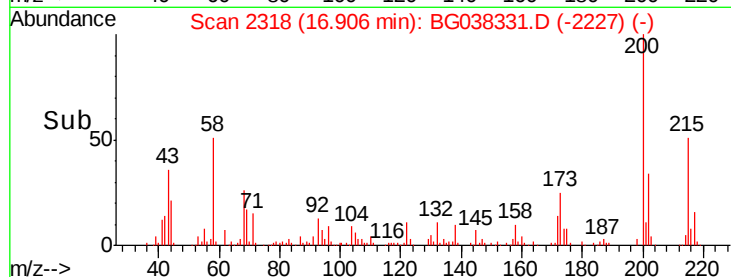
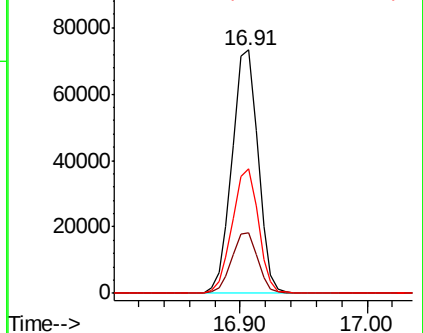
215 51.3 30.8 70.8



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: 40.429 ng

RT: 17.10 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

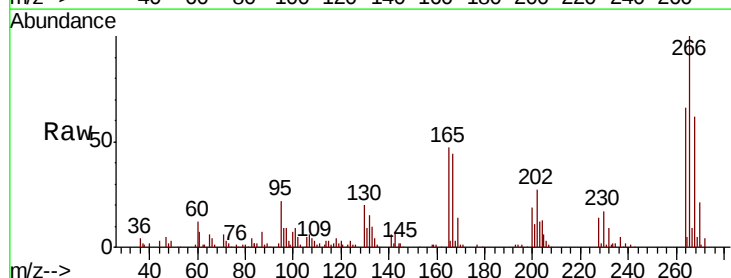
Tgt Ion:266 Resp: 78736

Ion Ratio Lower Upper

266 100

268 67.0 55.0 82.6

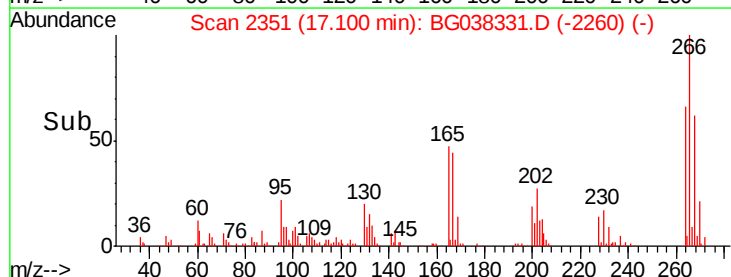
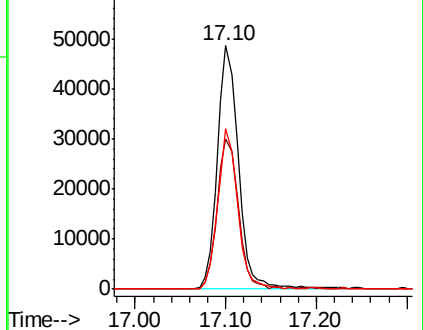
264 71.5 58.9 88.3

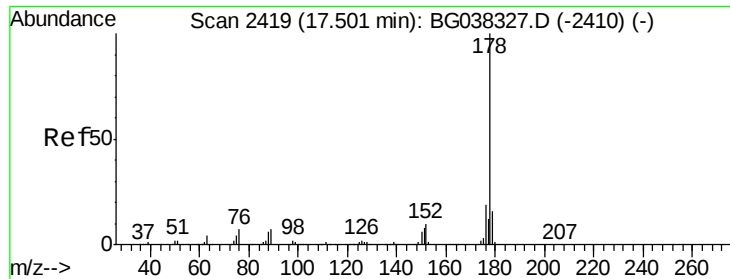


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.109 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

BNA_G

ClientSampleId :

ICVBG120418

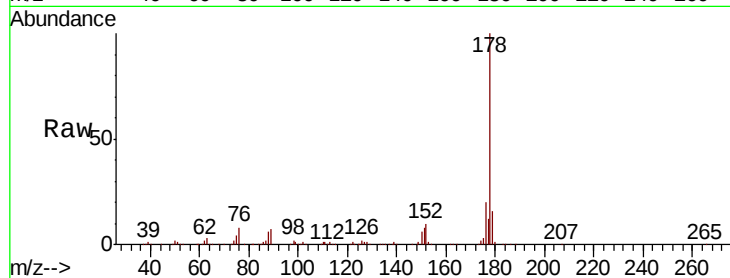
Tot Ion:178 Resp: 499957

Ion Ratio Lower Upper

178 100

176 19.5 16.1 24.1

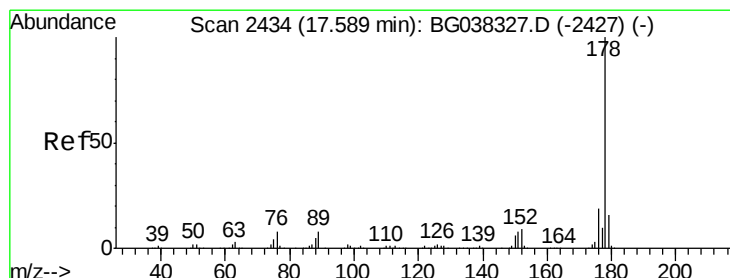
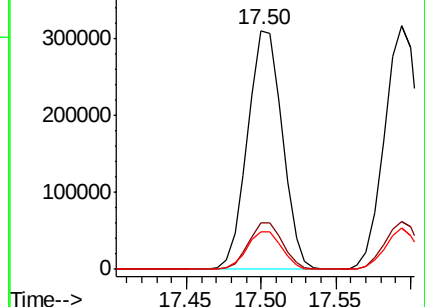
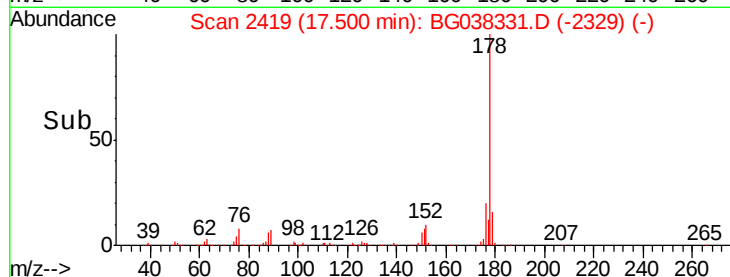
179 16.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.231 ng

RT: 17.59 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

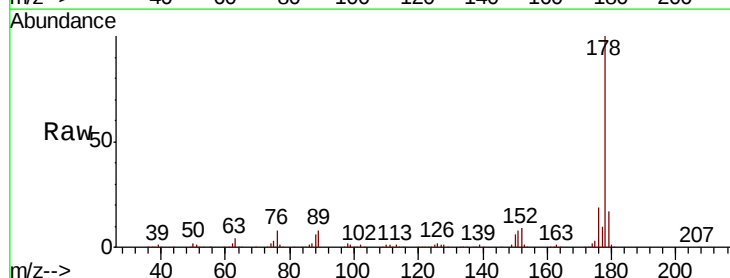
Tgt Ion:178 Resp: 510434

Ion Ratio Lower Upper

178 100

176 19.5 15.0 22.4

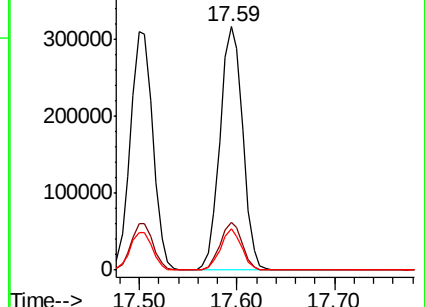
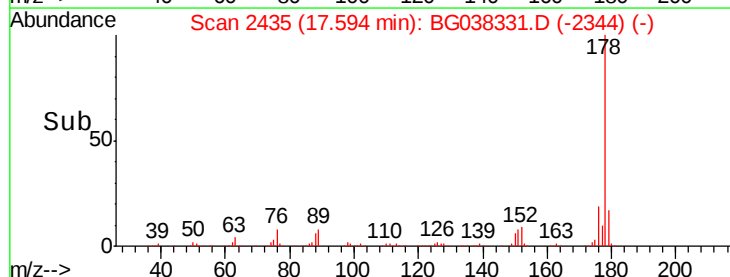
179 16.9 12.8 19.2

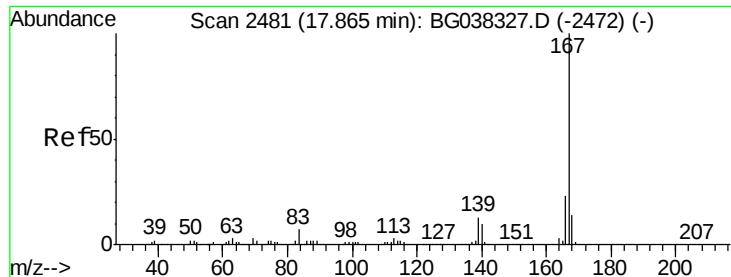


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.321 ng

RT: 17.87 min Scan# 2482

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

BNA_G

ClientSampleId :

ICVBG120418

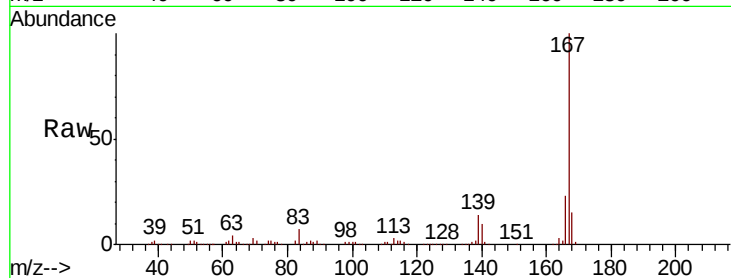
Tot Ion:167 Resp: 470853

Ion Ratio Lower Upper

167 100

166 23.2 18.3 27.5

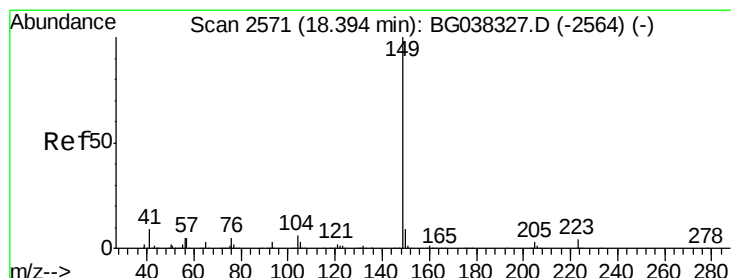
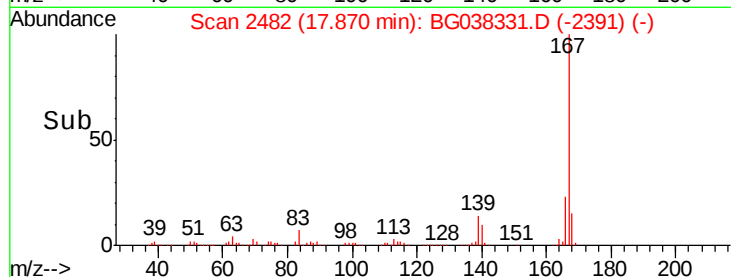
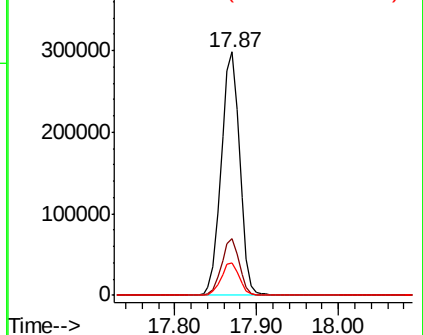
139 13.5 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.524 ng

RT: 18.40 min Scan# 2572

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

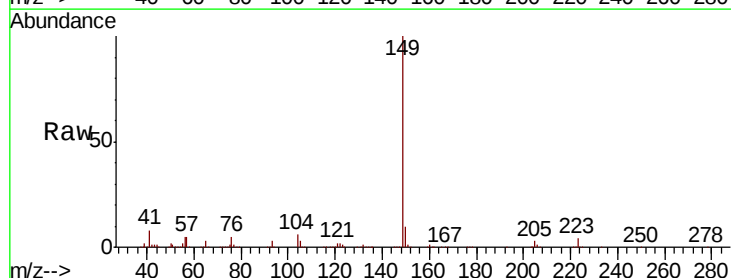
Tgt Ion:149 Resp: 538624

Ion Ratio Lower Upper

149 100

150 9.6 8.2 12.2

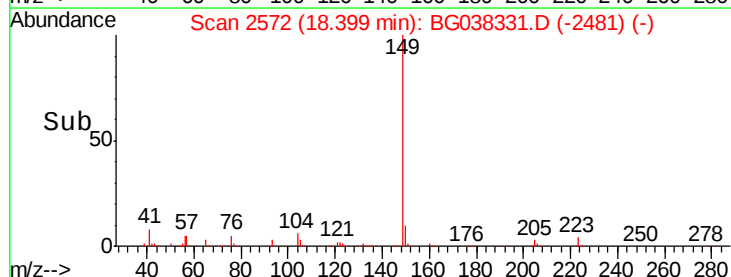
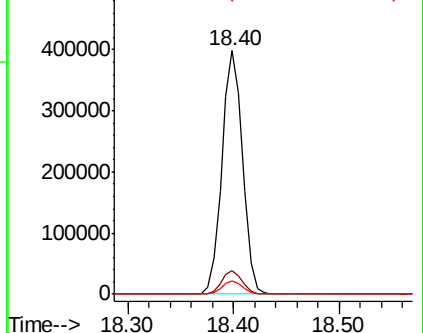
104 5.5 4.0 6.0

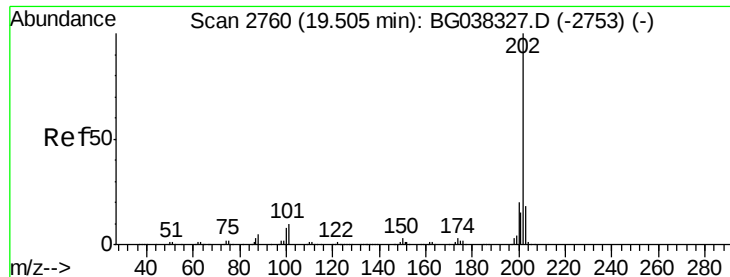


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.958 ng

RT: 19.51 min Scan# 2761

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

BNA_G

ClientSampleId :

ICVBG120418

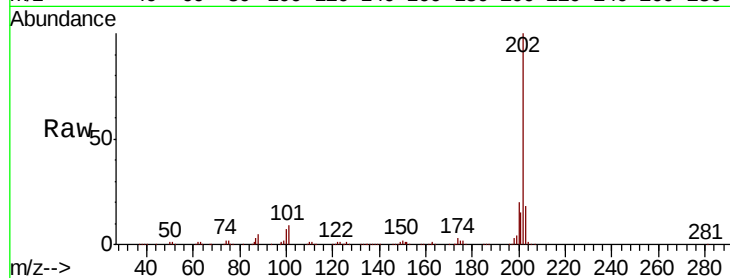
Tot Ion:202 Resp: 551993

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.7

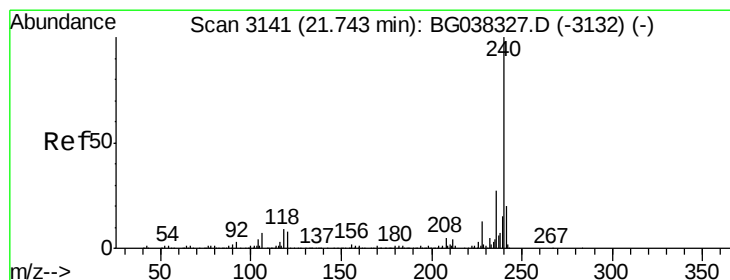
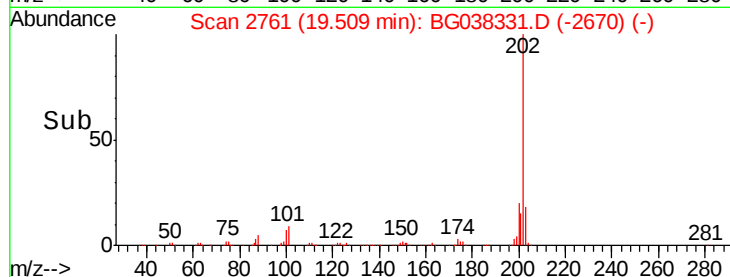
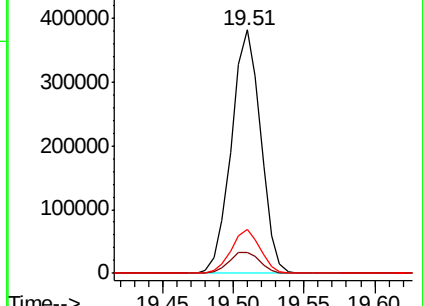
203 18.0 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

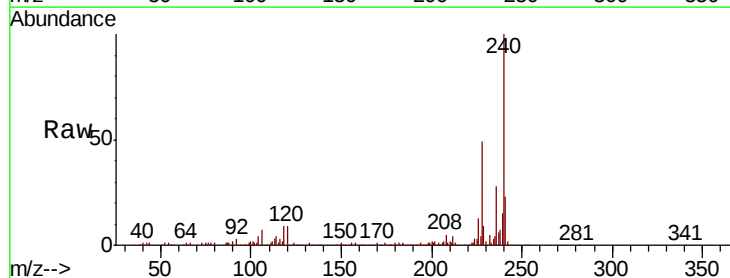
Tgt Ion:240 Resp: 216403

Ion Ratio Lower Upper

240 100

120 9.4 8.1 12.1

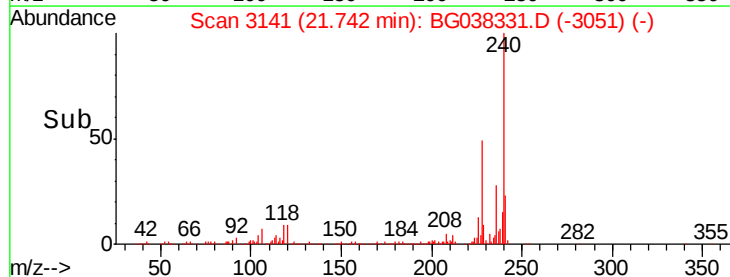
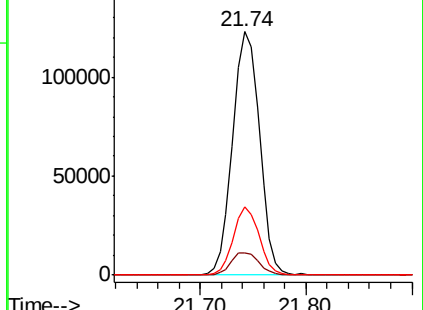
236 27.8 21.4 32.0

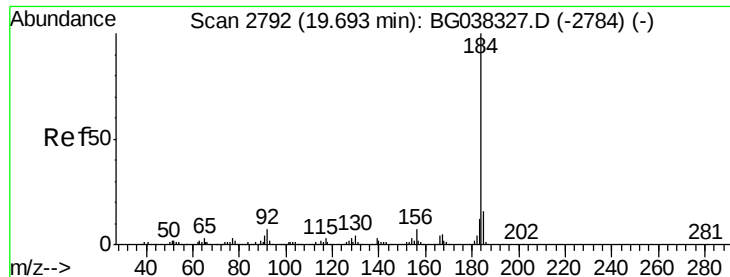


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.131 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

BNA_G

ClientSampleId :

ICVBG120418

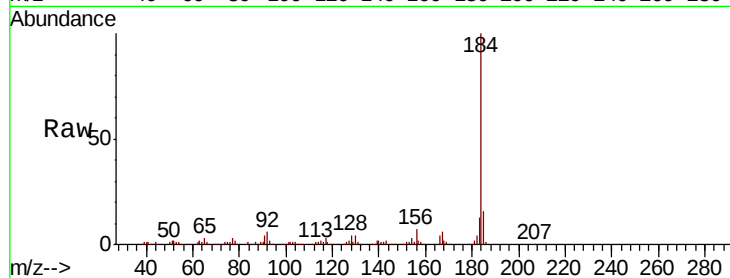
Tot Ion:184 Resp: 293052

Ion Ratio Lower Upper

184 100

185 16.2 12.6 18.8

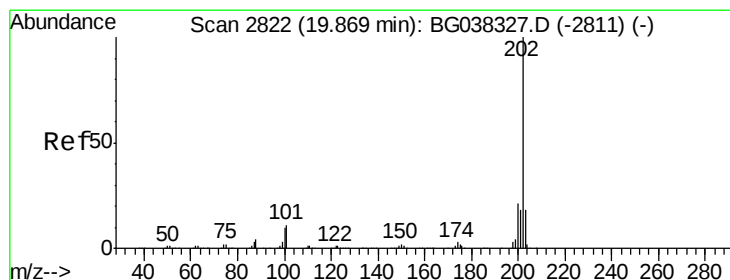
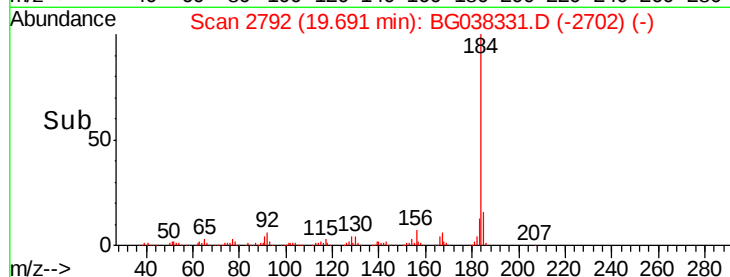
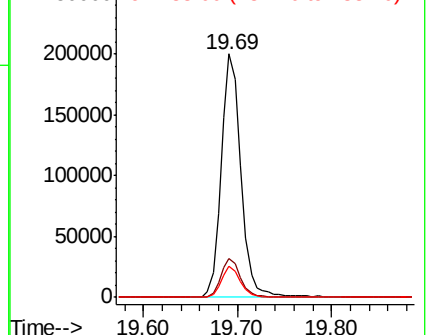
183 12.8 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.154 ng

RT: 19.87 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

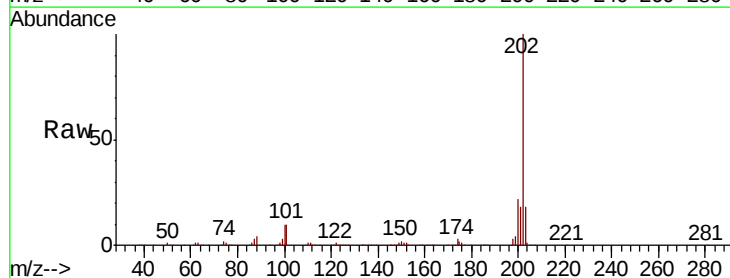
Tgt Ion:202 Resp: 562561

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

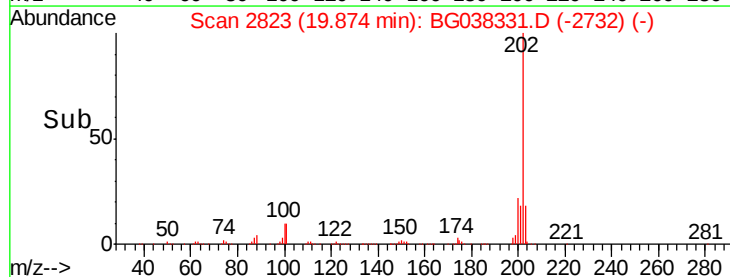
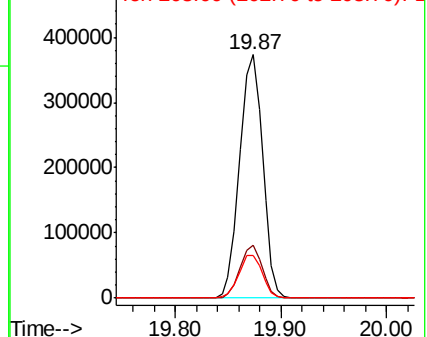
203 17.7 15.2 22.8

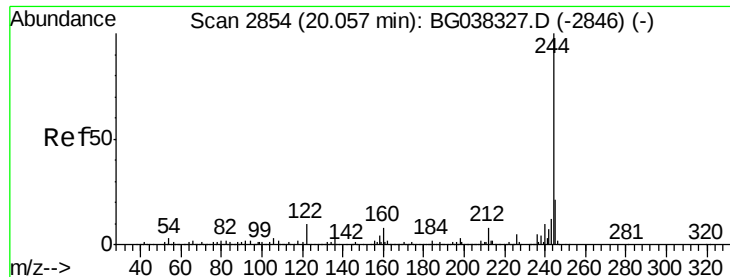


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.620 ng

RT: 20.06 min Scan# 2855

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

BNA_G

ClientSampleId :

ICVBG120418

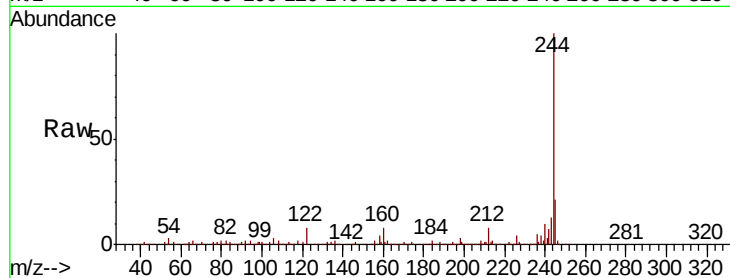
Tot Ion:244 Resp: 753781

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

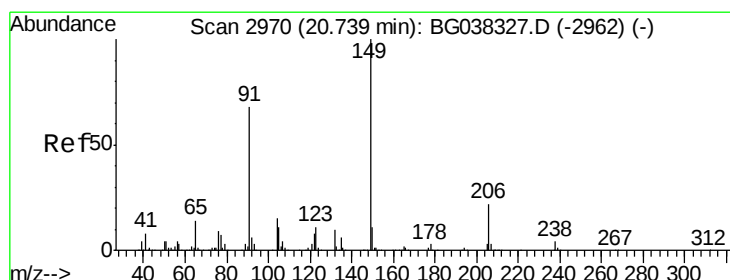
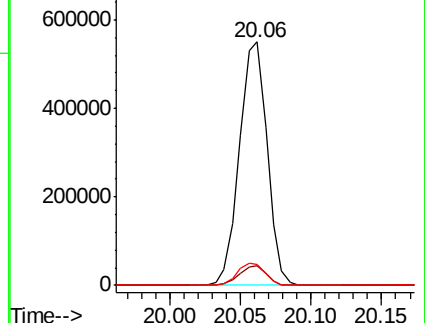
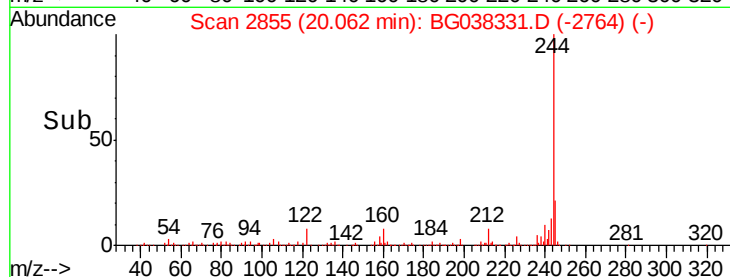
122 8.5 9.0 13.4#



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: 43.244 ng

RT: 20.74 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

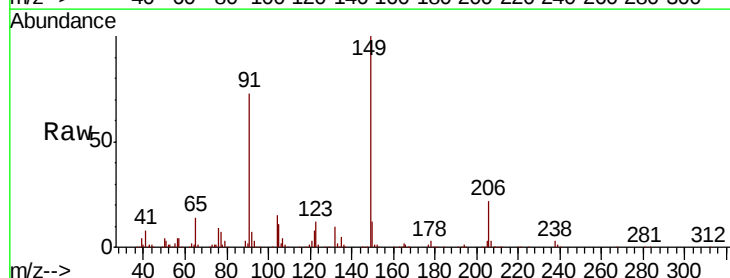
Tgt Ion:149 Resp: 263348

Ion Ratio Lower Upper

149 100

91 72.7 57.0 85.4

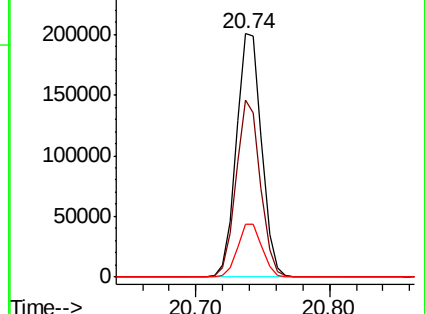
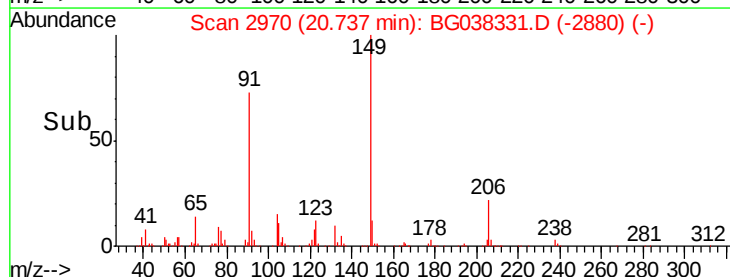
206 21.5 17.8 26.6

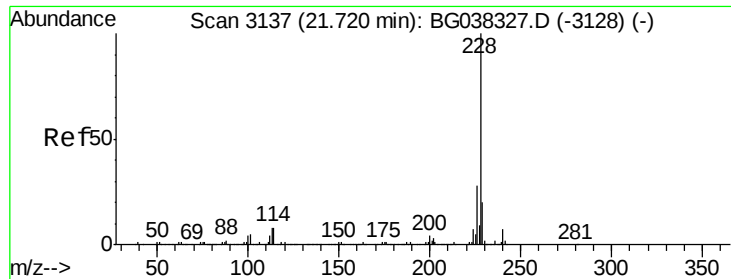


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

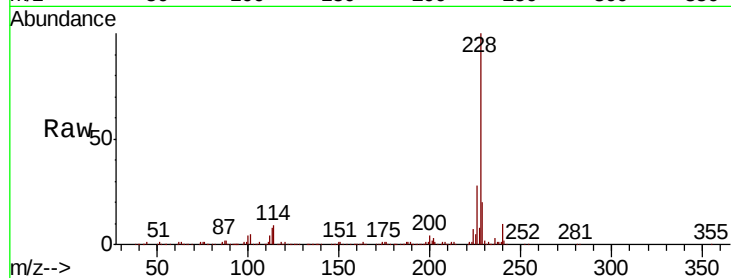




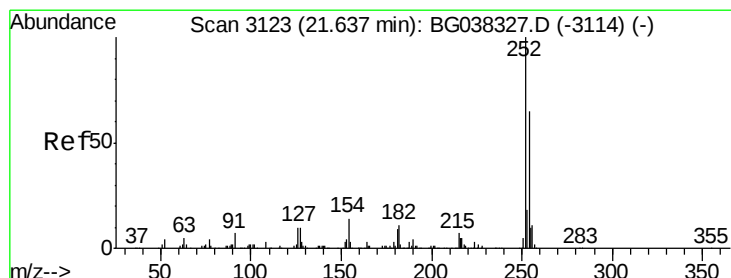
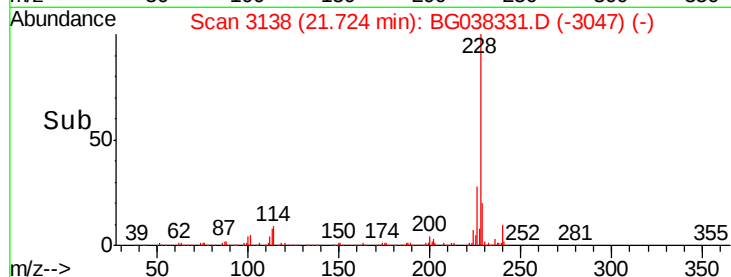
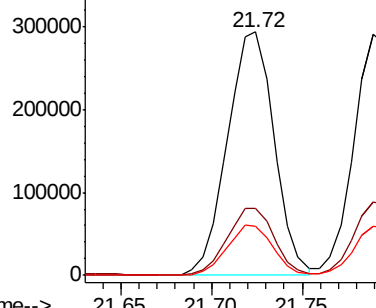
#81
Benzo(a)anthracene
Concen: 39.657 ng
RT: 21.72 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

Instrument :
BNA_G
ClientSampleId :
ICVBG120418

Tot Ion:228 Resp: 527448
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.0 16.3 24.5

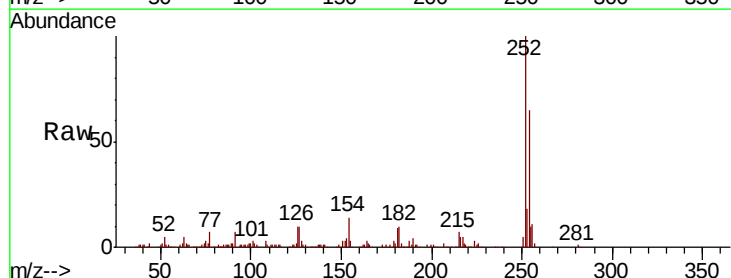


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

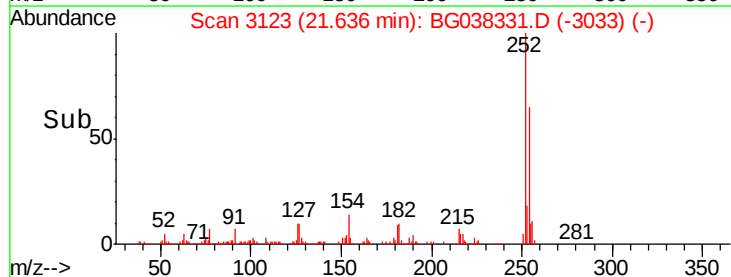
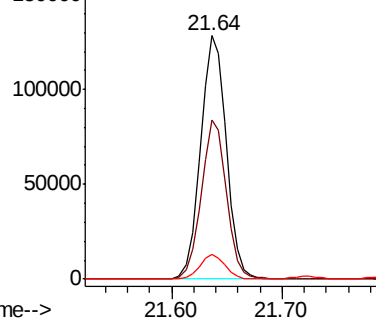


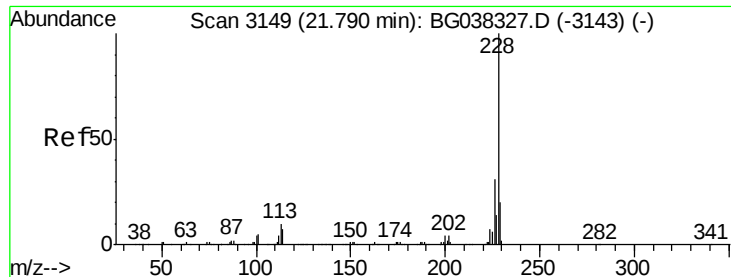
#82
3,3'-Dichlorobenzidine
Concen: 40.448 ng
RT: 21.64 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

Tgt Ion:252 Resp: 209276
Ion Ratio Lower Upper
252 100
254 65.5 52.0 78.0
126 10.0 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: 39.560 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

BNA_G

ClientSampleId :

ICVBG120418

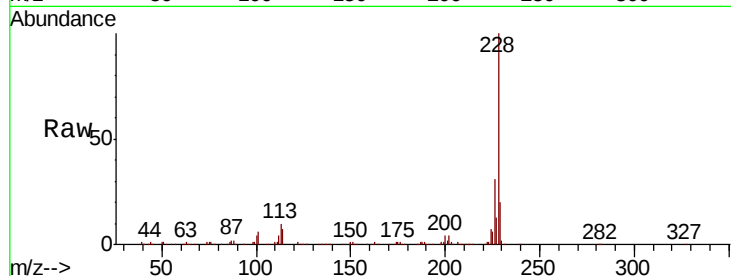
Tot Ion:228 Resp: 497912

Ion Ratio Lower Upper

228 100

226 30.6 25.7 38.5

229 20.2 16.5 24.7

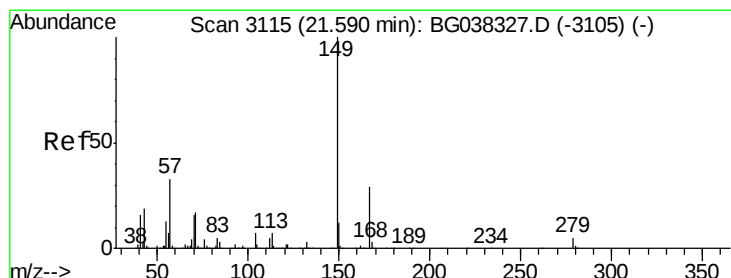
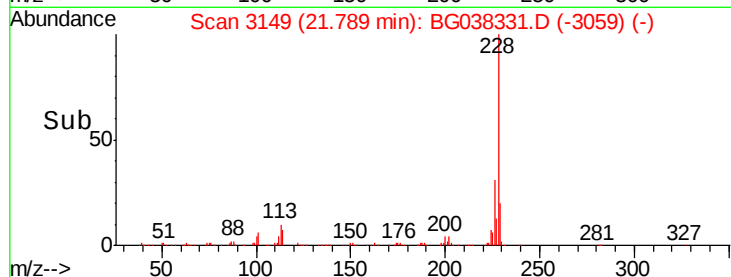
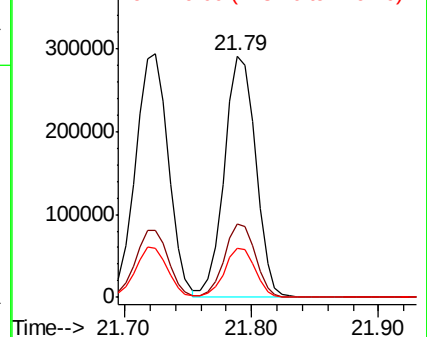


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.395 ng

RT: 21.59 min Scan# 3115

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

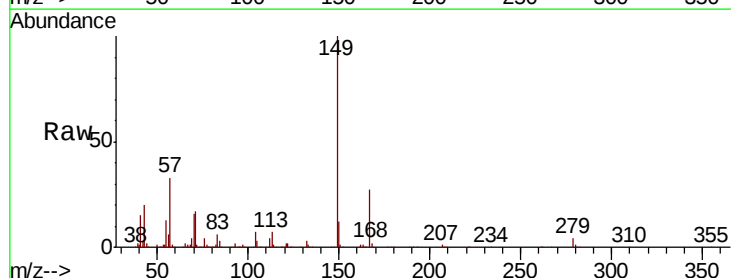
Tgt Ion:149 Resp: 348675

Ion Ratio Lower Upper

149 100

167 27.3 23.0 34.4

279 4.4 3.6 5.4

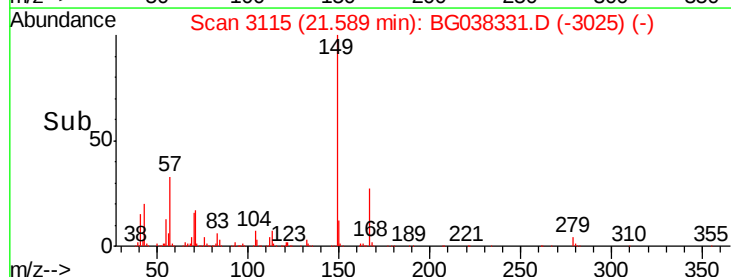
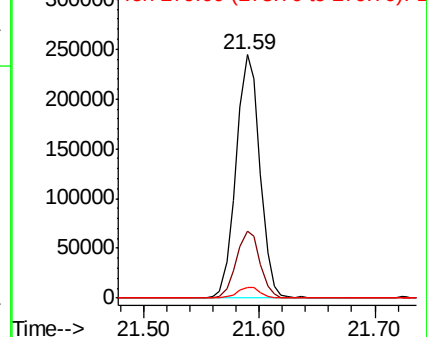


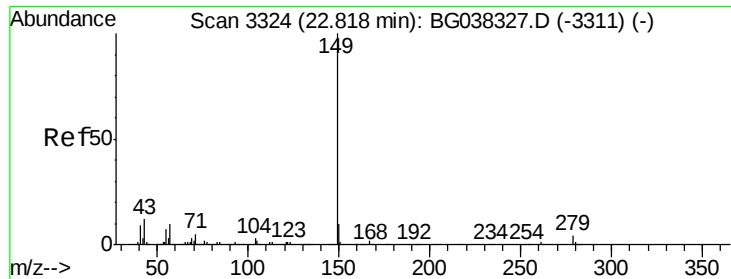
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.337 ng

RT: 22.82 min Scan# 3325

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

BNA_G

ClientSampleId :

ICVBG120418

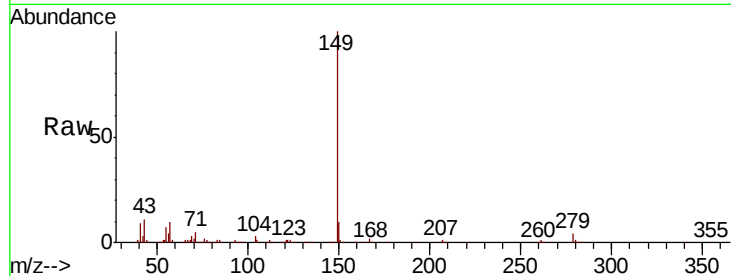
Tot Ion:149 Resp: 582204

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

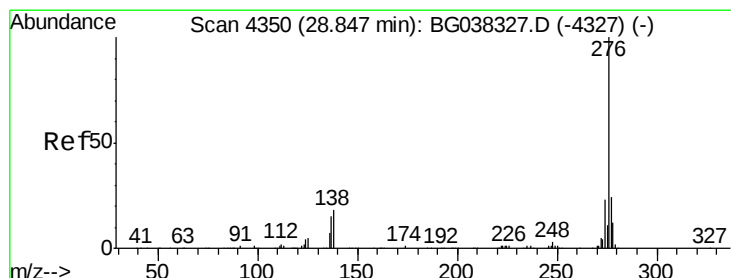
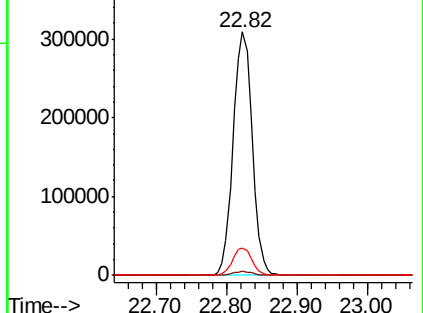
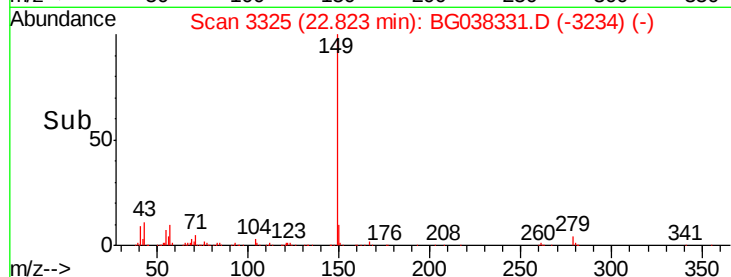
43 11.6 8.7 13.1



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: 39.432 ng

RT: 28.85 min Scan# 4350

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

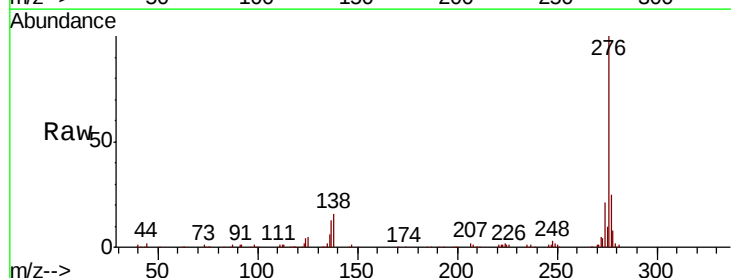
Tgt Ion:276 Resp: 564038

Ion Ratio Lower Upper

276 100

138 10.0 12.0 18.0#

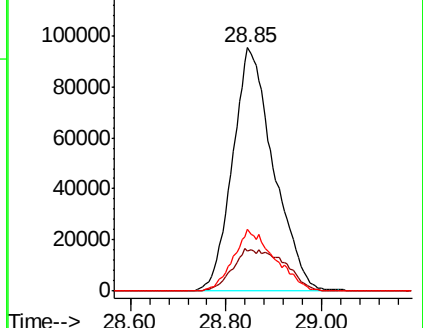
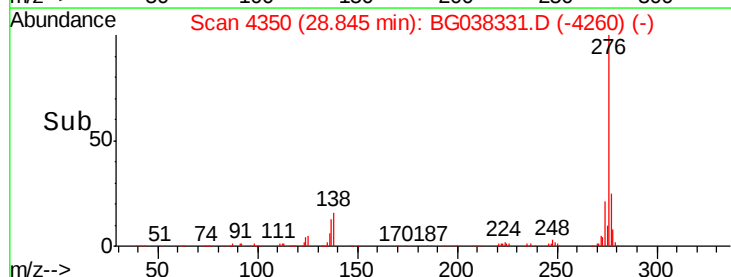
277 25.5 20.6 30.8

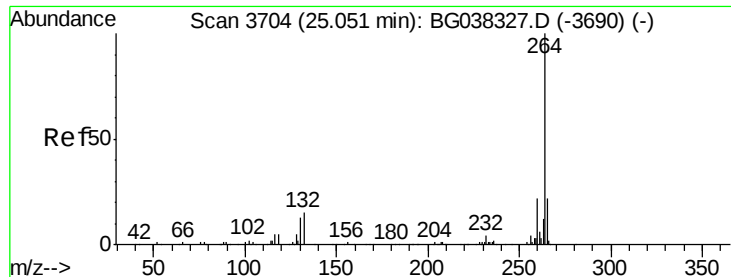


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

BNA_G

ClientSampleId :

ICVBG120418

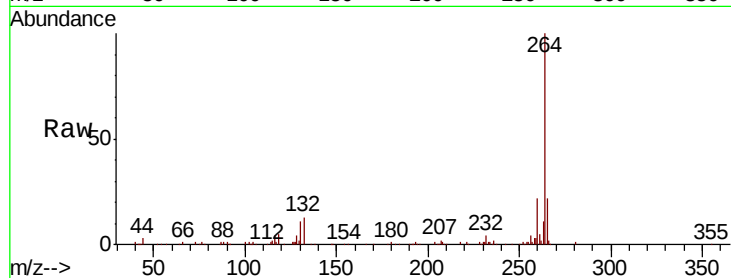
Tot Ion:264 Resp: 226049

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.4

265 21.7 17.9 26.9

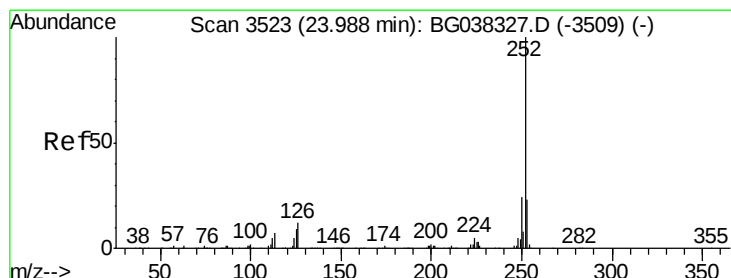
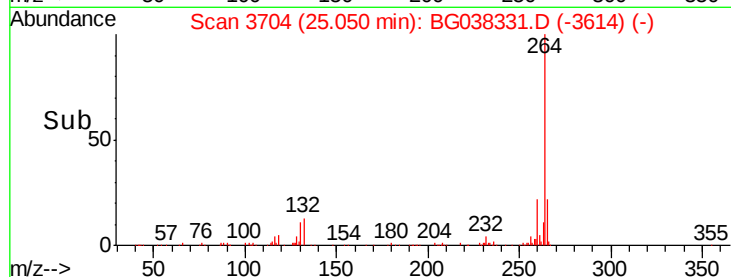
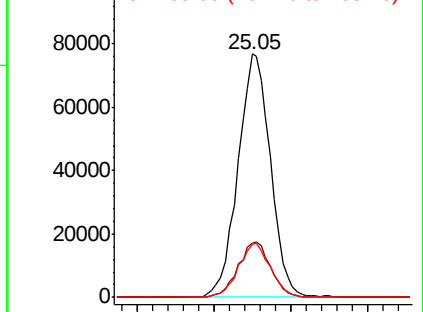


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.466 ng

RT: 23.99 min Scan# 3524

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

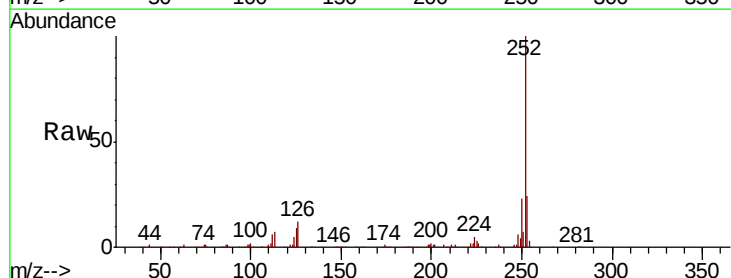
Tgt Ion:252 Resp: 504080

Ion Ratio Lower Upper

252 100

253 23.6 18.2 27.2

125 9.3 7.8 11.6

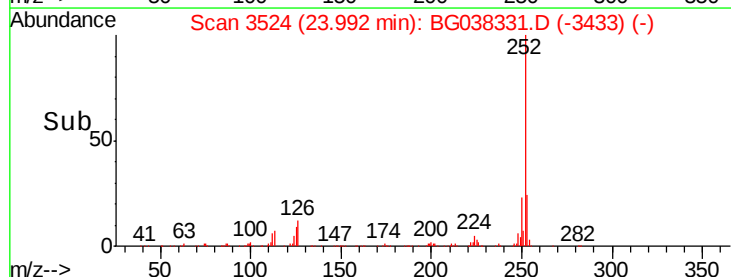
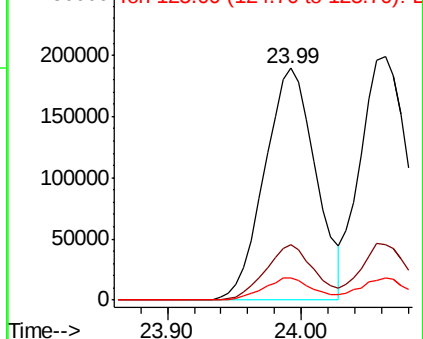


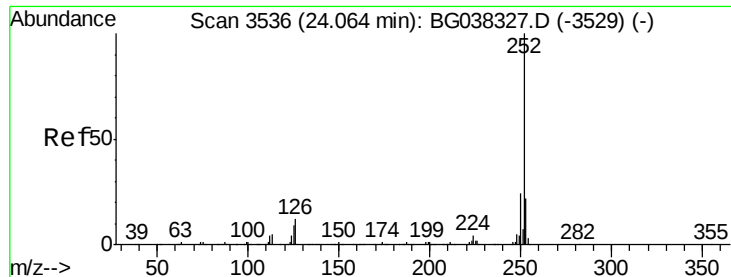
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

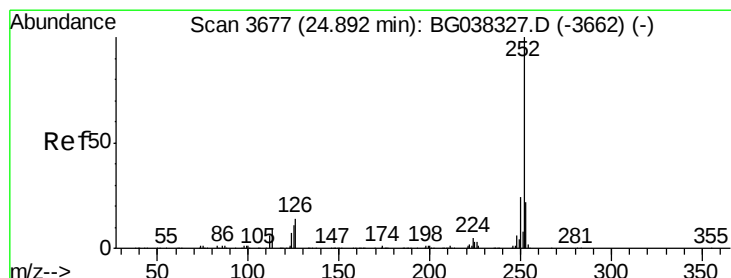
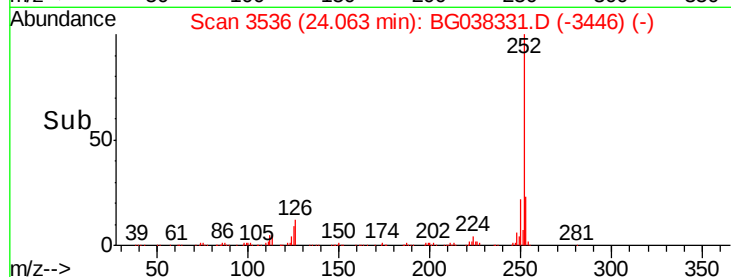
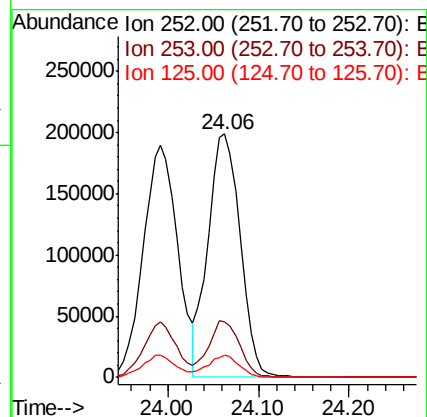
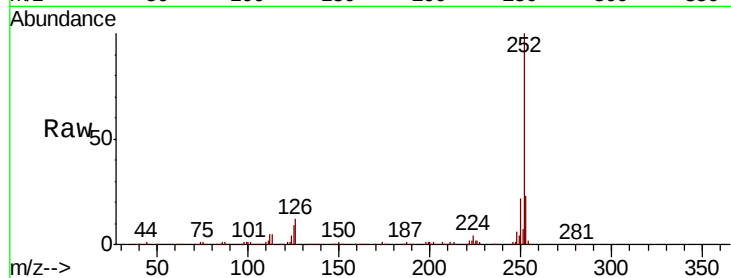




#89
Benzo(k)fluoranthene
Concen: 38.636 ng
RT: 24.06 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

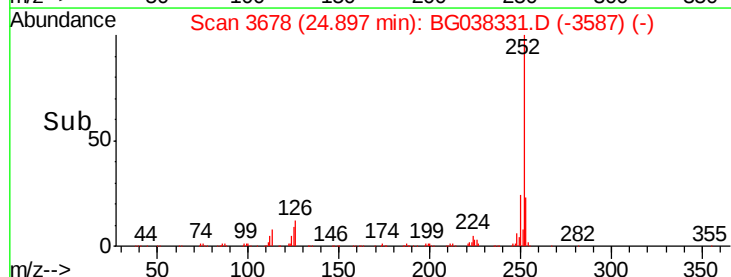
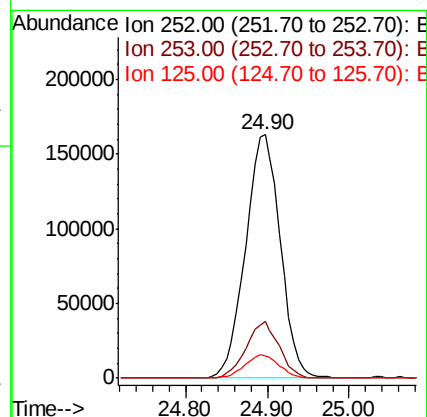
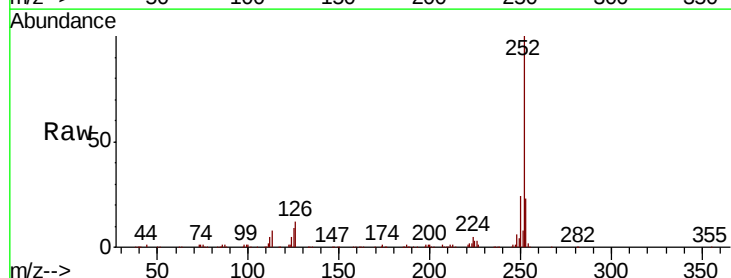
Instrument :
BNA_G
ClientSampleId :
ICVBG120418

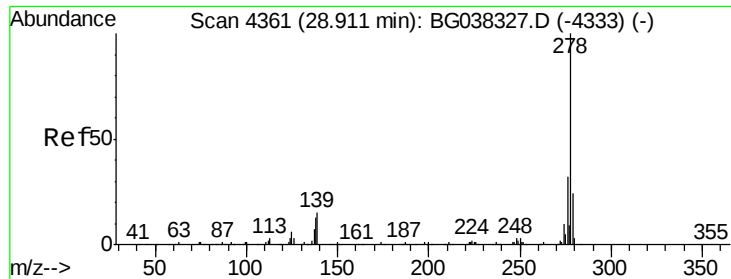
Tot Ion:252 Resp: 491482
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 8.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 38.882 ng
RT: 24.90 min Scan# 3678
Delta R.T. 0.00 min
Lab File: BG038331.D
Acq: 4 Dec 2018 16:17

Tgt Ion:252 Resp: 481719
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 9.4 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 39.845 ng

RT: 28.92 min Scan# 4362

Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Instrument :

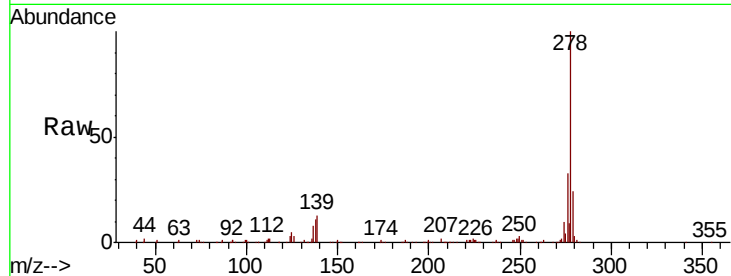
BNA_G

ClientSampleId :

ICVBG120418

Tot Ion:278 Resp: 468198

Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.5	17.3
279	23.8	18.6	27.8

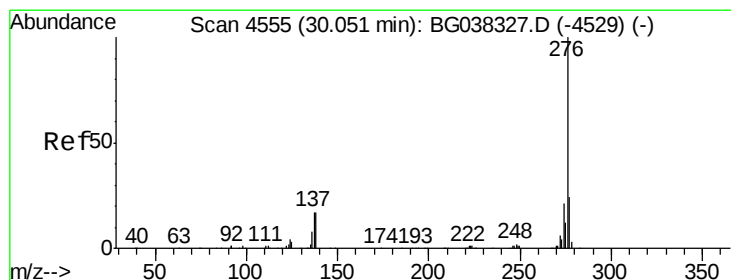
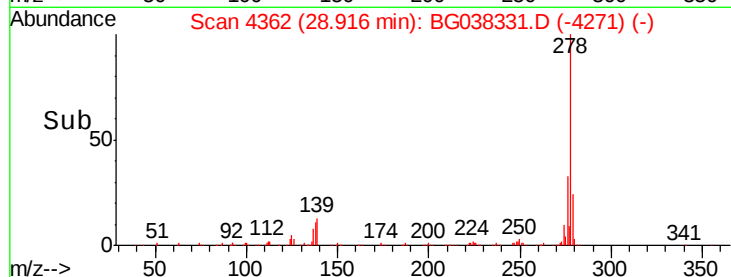
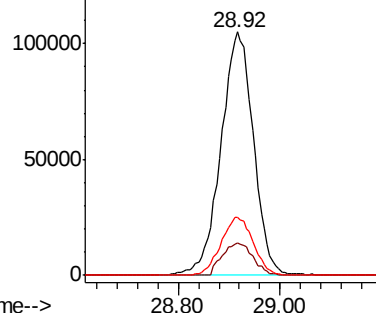


Abundance

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: 40.226 ng

RT: 30.06 min Scan# 4556

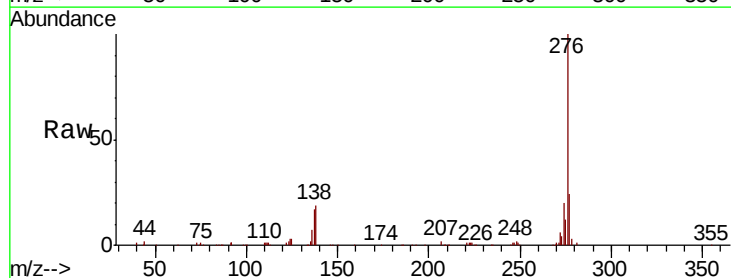
Delta R.T. 0.00 min

Lab File: BG038331.D

Acq: 4 Dec 2018 16:17

Tgt Ion:276 Resp: 468958

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	18.6	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

