

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022719\
 Data File : BG039643.D
 Acq On : 27 Feb 2019 20:36
 Operator : JU/SJ
 Sample : K1348-08MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MS

Quant Time: Feb 27 23:59:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	55053	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	225148	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	150099	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	369062	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	378403	20.00	ng	-0.02
87) Perylene-d12	25.21	264	395881	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	455547	141.62	ng	0.00
7) Phenol-d6	7.31	99	590379	124.69	ng	0.00
23) Nitrobenzene-d5	9.35	82	419080	116.28	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	270915	167.61	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	941714	90.00	ng	-0.02
79) Terphenyl-d14	20.13	244	1580287	88.40	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.61	88	50844	36.136	ng	# 26
3) Pyridine	4.02	79	125717	33.747	ng	97
4) n-Nitrosodimethylamine	3.93	42	74223	39.839	ng	82
6) Aniline	7.50	93	60295	10.167	ng	93
8) 2-Chlorophenol	7.73	128	157213	44.713	ng	93
9) Benzaldehyde	7.31	77	124737	61.496	ng	92
10) Phenol	7.34	94	180478	36.566	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	156567	40.144	ng	97
12) 1,3-Dichlorobenzene	8.05	146	170925	40.128	ng	94
13) 1,4-Dichlorobenzene	8.20	146	174897	41.196	ng	96
14) 1,2-Dichlorobenzene	8.52	146	166356	40.476	ng	98
15) Benzyl Alcohol	8.41	79	150194	40.405	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	302750	34.375	ng	98
17) 2-Methylphenol	8.60	107	134400	42.079	ng	97
18) Hexachloroethane	9.25	117	60813	41.635	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	124625	37.084	ng	94
20) 3+4-Methylphenols	8.93	107	184372	41.919	ng	97
22) Acetophenone	8.99	105	245038	40.517	ng	# 95
24) Nitrobenzene	9.39	77	190296	48.875	ng	97
25) Isophorone	9.90	82	358818	44.928	ng	98
26) 2-Nitrophenol	10.09	139	91034	56.444	ng	97
27) 2,4-Dimethylphenol	10.14	122	160475	49.672	ng	93
28) bis(2-Chloroethoxy)methane	10.38	93	218321	44.381	ng	97
29) 2,4-Dichlorophenol	10.63	162	170980	48.423	ng	94
30) 1,2,4-Trichlorobenzene	10.85	180	175242	44.206	ng	99
31) Naphthalene	11.04	128	506831	45.377	ng	99
32) Benzoic acid	10.14	122	160475	70.620	ng	# 16
33) 4-Chloroaniline	11.15	127	14027	2.708	ng	96
34) Hexachlorobutadiene	11.30	225	111932	42.458	ng	95
35) Caprolactam	11.93	113	46036	31.507	ng	89
36) 4-Chloro-3-methylphenol	12.25	107	181958	44.559	ng	95
37) 2-Methylnaphthalene	12.63	142	372552	45.034	ng	99
38) 1-Methylnaphthalene	12.85	142	356599	44.717	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	206390	43.217	ng	98

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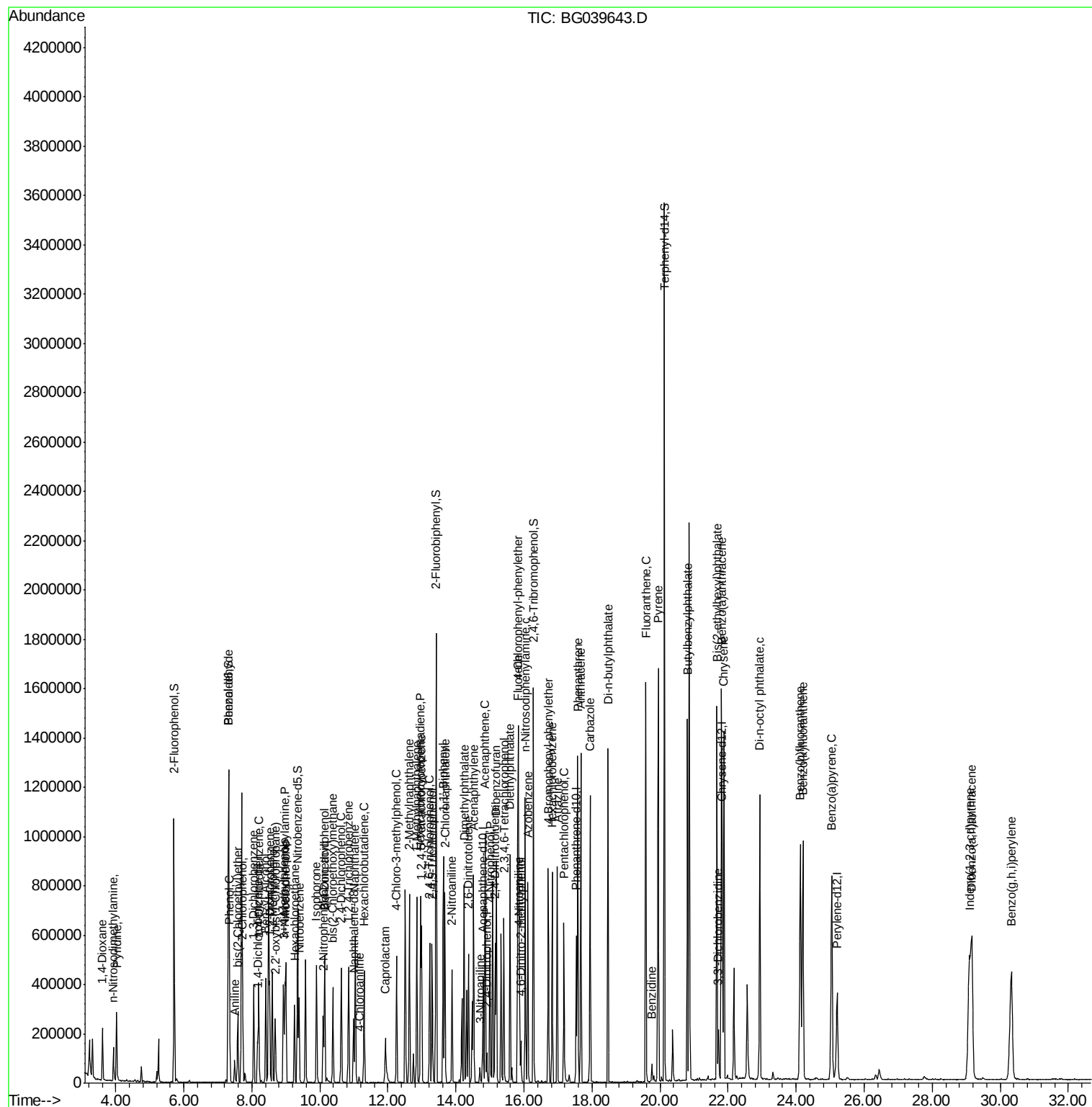
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	230264	88.483	ng	97
43) 2,4,6-Trichlorophenol	13.23	196	142583	48.558	ng	100
44) 2,4,5-Trichlorophenol	13.30	196	156512	50.856	ng	96
46) 1,1'-Biphenyl	13.63	154	496105	39.725	ng	99
47) 2-Chloronaphthalene	13.68	162	391268	41.647	ng	99
48) 2-Nitroaniline	13.88	65	134306	49.460	ng	94
49) Acenaphthylene	14.52	152	632665	44.629	ng	99
50) Dimethylphthalate	14.24	163	521400	43.011	ng	99
51) 2,6-Dinitrotoluene	14.37	165	116624	51.000	ng	97
52) Acenaphthene	14.86	154	384808	41.818	ng	99
53) 3-Nitroaniline	14.70	138	16036	11.561	ng	# 82
54) 2,4-Dinitrophenol	14.90	184	28102	38.093	ng	96
55) Dibenzofuran	15.19	168	622665	42.203	ng	99
56) 4-Nitrophenol	15.00	139	157566	72.474	ng	89
57) 2,4-Dinitrotoluene	15.15	165	167347	56.087	ng	89
58) Fluorene	15.84	166	498135	45.291	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	150067	52.079	ng	97
60) Diethylphthalate	15.59	149	526110	41.975	ng	98
61) 4-Chlorophenyl-phenylether	15.82	204	260578	41.842	ng	98
62) 4-Nitroaniline	15.87	138	121302	47.742	ng	92
63) Azobenzene	16.11	77	479272	39.122	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	39458	31.879	ng	98
66) n-Nitrosodiphenylamine	16.04	169	465149	41.450	ng	99
67) 4-Bromophenyl-phenylether	16.71	248	173161	42.293	ng	98
68) Hexachlorobenzene	16.83	284	182915	44.528	ng	97
69) Atrazine	16.98	200	172726	42.119	ng	98
70) Pentachlorophenol	17.17	266	127774	44.754	ng	98
71) Phenanthrene	17.58	178	857507	44.892	ng	99
72) Anthracene	17.67	178	866164	46.036	ng	98
73) Carbazole	17.94	167	768271	40.915	ng	99
74) Di-n-butylphthalate	18.47	149	926391	42.289	ng	99
75) Fluoranthene	19.58	202	1032268	46.560	ng	99
77) Benzidine	19.76	184	46312	3.733	ng	99
78) Pyrene	19.94	202	1045103	44.366	ng	99
80) Butylbenzylphthalate	20.81	149	439107	44.189	ng	97
81) Benzo(a)anthracene	21.81	228	1020752	45.652	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	74906	9.035	ng	99
83) Chrysene	21.88	228	952847	44.766	ng	100
84) Bis(2-ethylhexyl)phthalate	21.67	149	613556	43.279	ng	99
85) Di-n-octyl phthalate	22.93	149	1044663	44.603	ng	95
86) Indeno(1,2,3-cd)pyrene	29.09	276	1166836	51.094	ng	# 95
88) Benzo(b)fluoranthene	24.12	252	992430	45.968	ng	99
89) Benzo(k)fluoranthene	24.20	252	973523	44.914	ng	99
90) Benzo(a)pyrene	25.05	252	980428	47.153	ng	98
91) Dibenzo(a,h)anthracene	29.16	278	940551	48.303	ng	98
92) Benzo(g,h,i)perylene	30.32	276	954856	49.198	ng	98

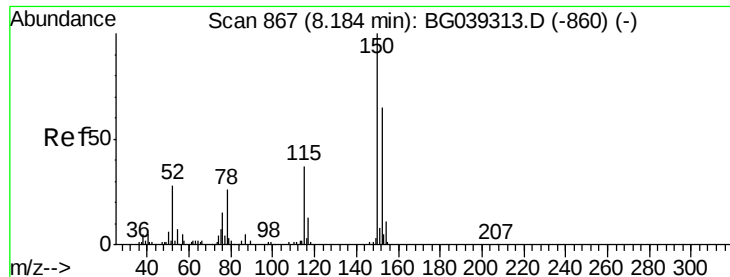
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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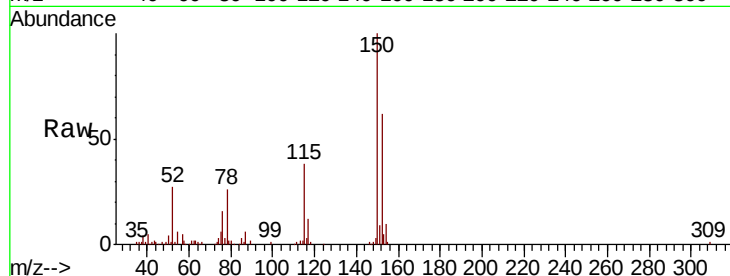


#1

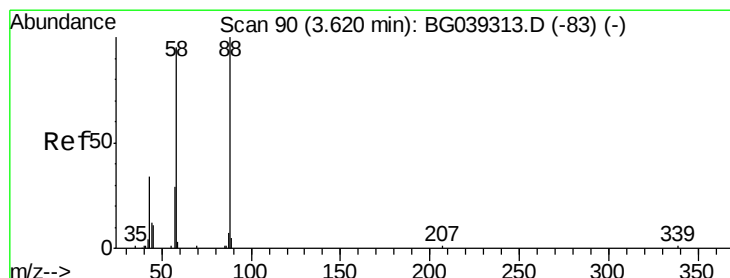
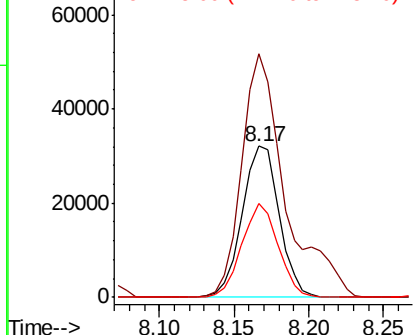
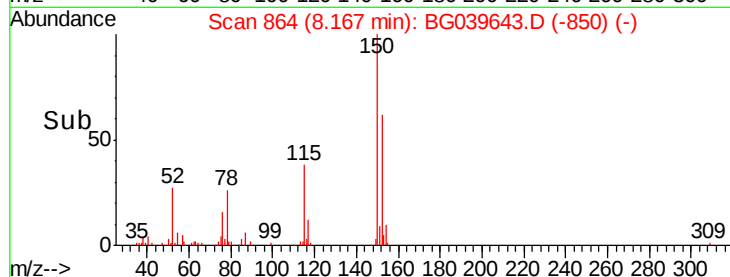
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 864
 Delta R.T. -0.02 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MS

Tgt Ion:152 Resp: 55053
 Ion Ratio Lower Upper
 152 100
 150 161.1 123.7 185.5
 115 62.0 45.9 68.9



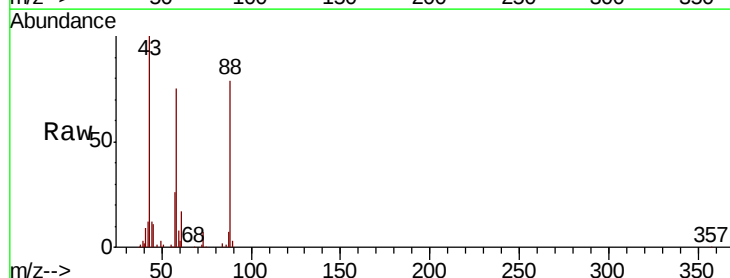
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



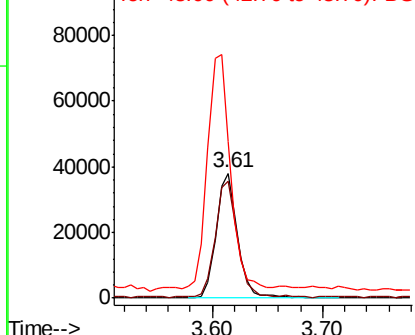
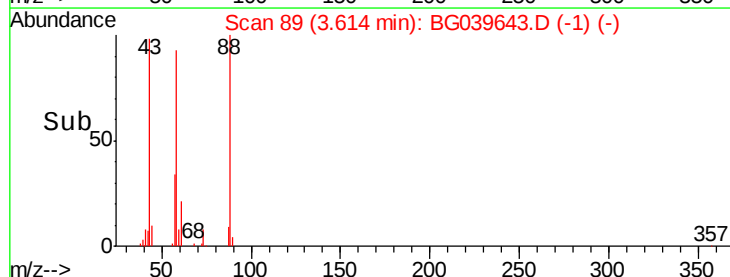
#2

1,4-Dioxane
 Concen: 36.136 ng
 RT: 3.61 min Scan# 89
 Delta R.T. -0.01 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Tgt Ion: 88 Resp: 50844
 Ion Ratio Lower Upper
 88 100
 58 97.0 81.1 121.7
 43 194.5 31.4 47.0#



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





#3

Pyridine

Concen: 33.747 ng

RT: 4.02 min Scan# 158

Delta R.T. 0.00 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

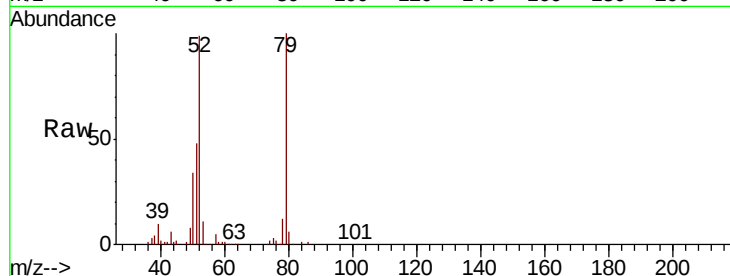
Tgt Ion: 79 Resp: 125717

Ion Ratio Lower Upper

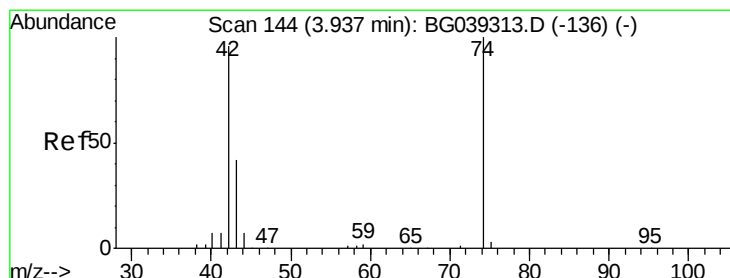
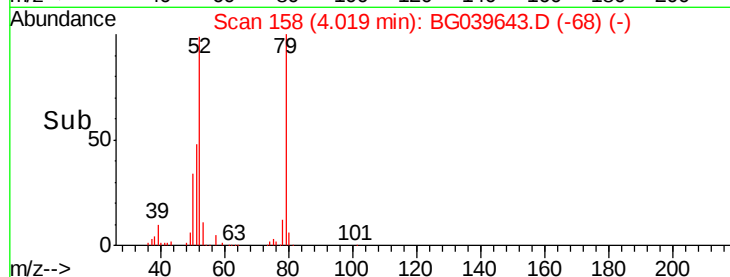
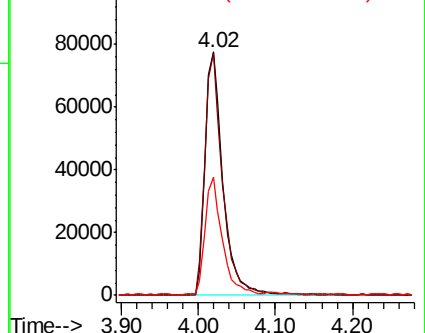
79 100

52 99.4 82.6 124.0

51 48.4 37.5 56.3



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: 39.839 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

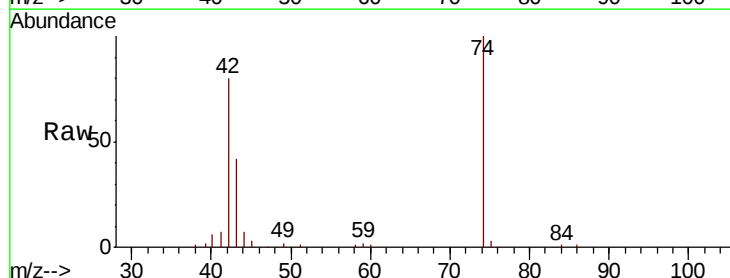
Tgt Ion: 42 Resp: 74223

Ion Ratio Lower Upper

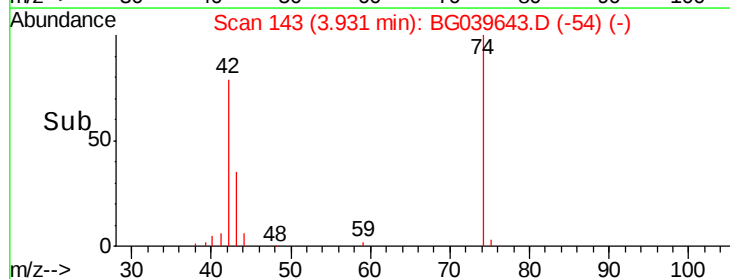
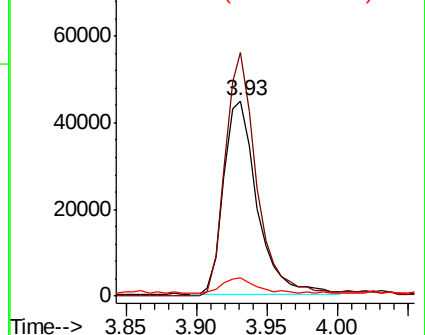
42 100

74 124.9 83.6 125.4

44 9.2 6.9 10.3



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: 141.622 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

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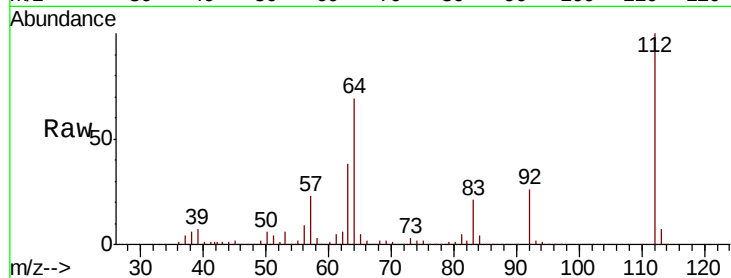
Tgt Ion: 112 Resp: 455547

Ion Ratio Lower Upper

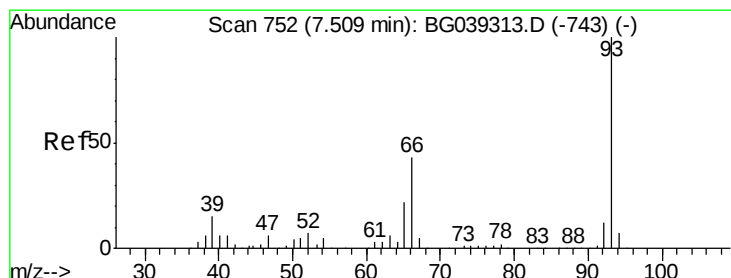
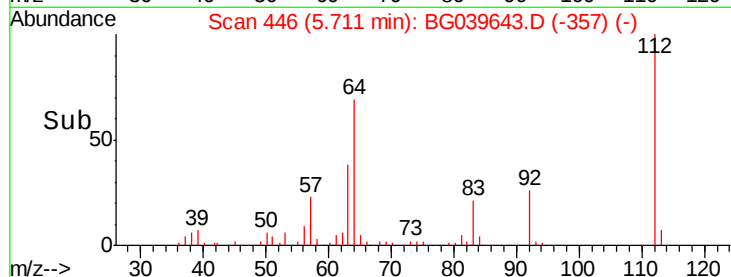
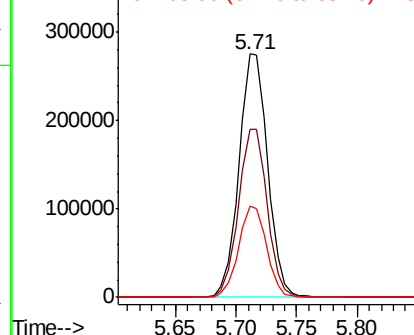
112 100

64 69.0 57.8 86.8

63 37.7 29.8 44.6



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: 10.167 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

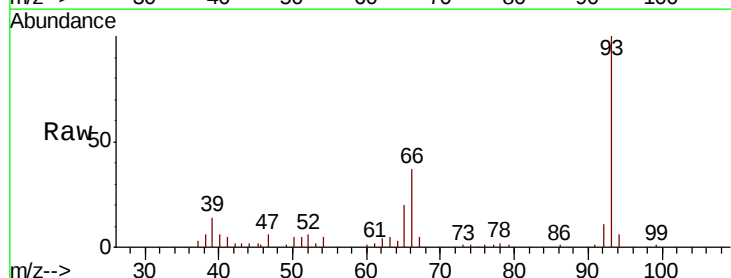
Tgt Ion: 93 Resp: 60295

Ion Ratio Lower Upper

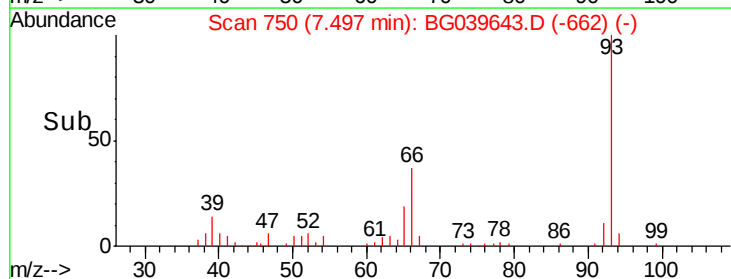
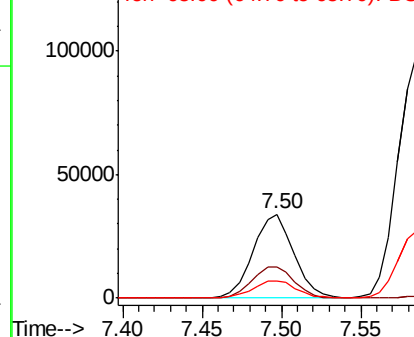
93 100

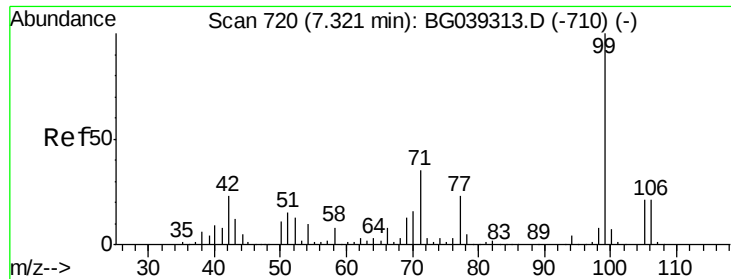
66 37.2 34.2 51.4

65 19.9 17.7 26.5



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: 124.689 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

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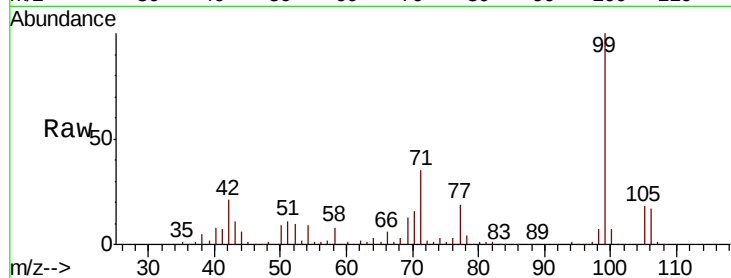
Tgt Ion: 99 Resp: 590379

Ion Ratio Lower Upper

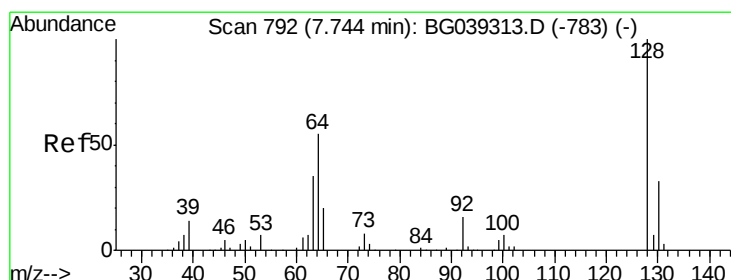
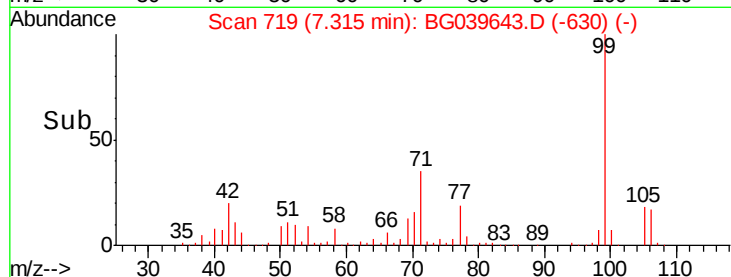
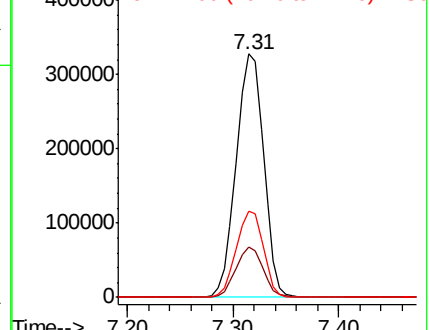
99 100

42 20.5 18.2 27.2

71 35.5 28.0 42.0



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: 44.713 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

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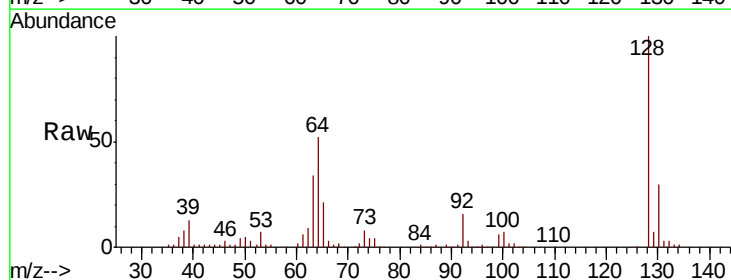
Tgt Ion: 128 Resp: 157213

Ion Ratio Lower Upper

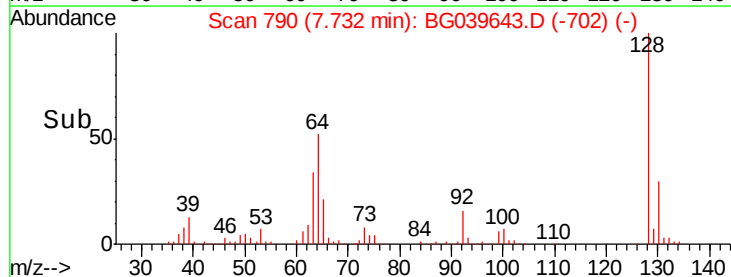
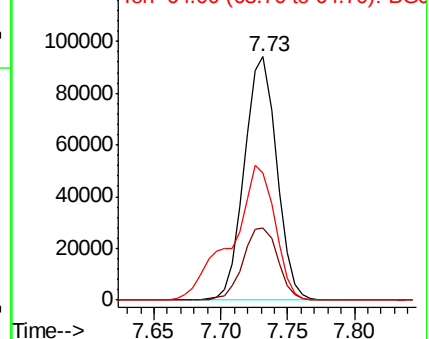
128 100

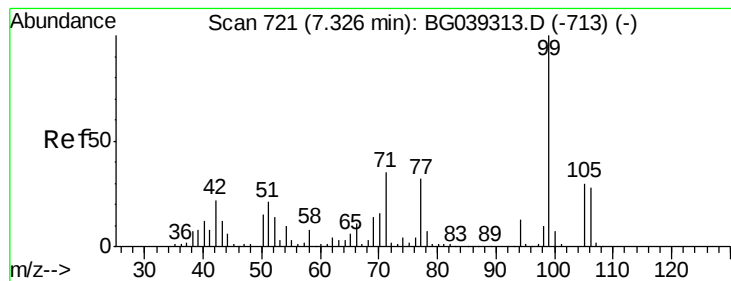
130 29.8 12.9 52.9

64 52.4 38.7 78.7



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: 61.496 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

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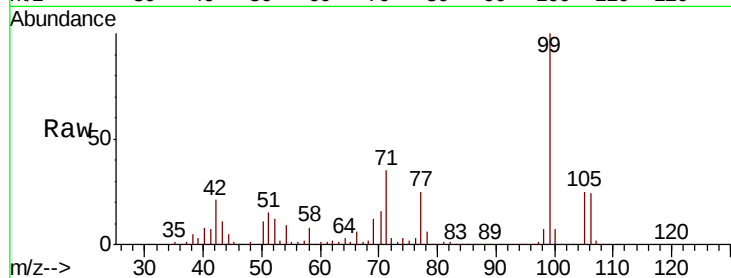
Tgt Ion: 77 Resp: 124737

Ion Ratio Lower Upper

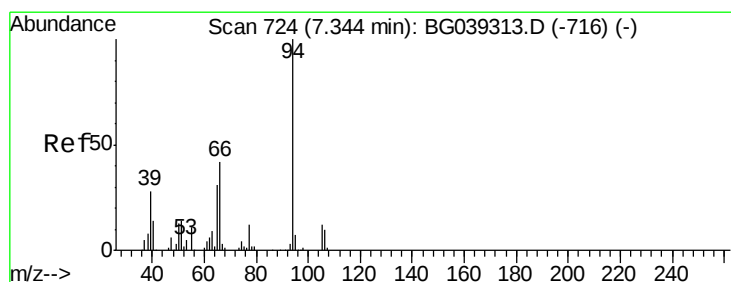
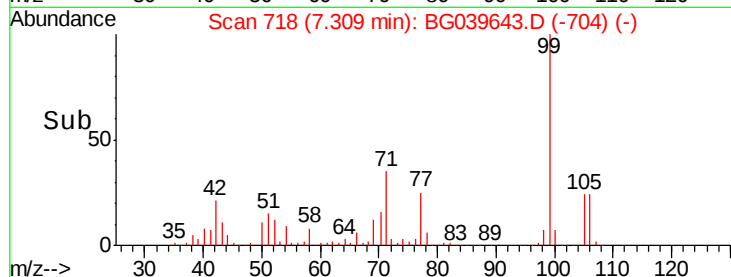
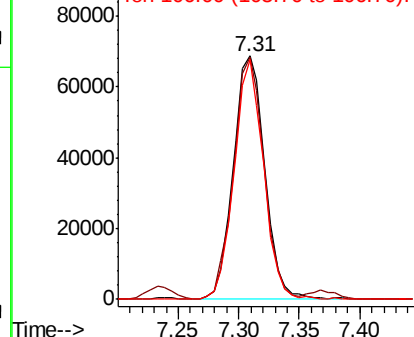
77 100

105 99.6 74.5 114.5

106 98.5 68.0 108.0



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



#10

Phenol

Concen: 36.566 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

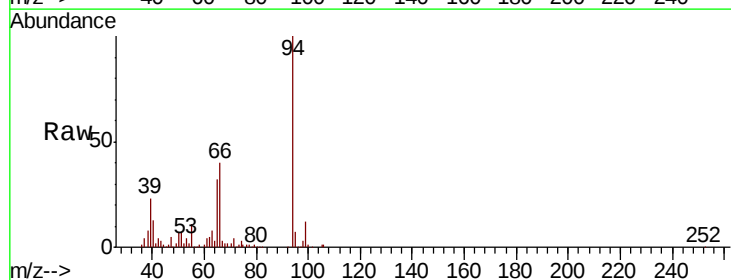
Tgt Ion: 94 Resp: 180478

Ion Ratio Lower Upper

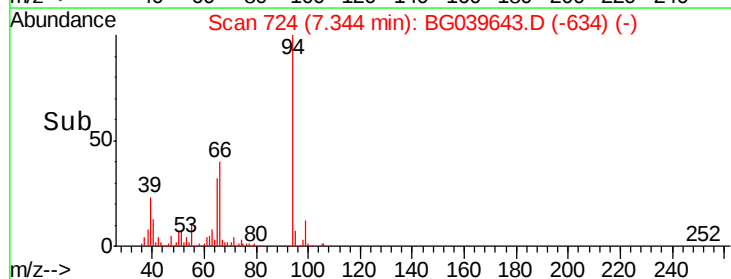
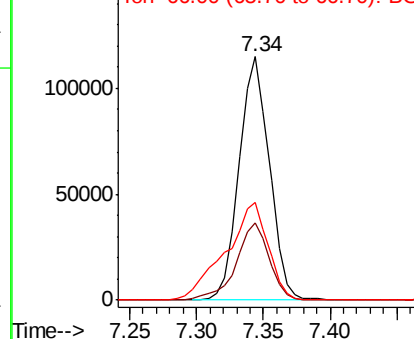
94 100

65 31.6 11.7 51.7

66 40.3 23.7 63.7



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: 40.144 ng

RT: 7.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

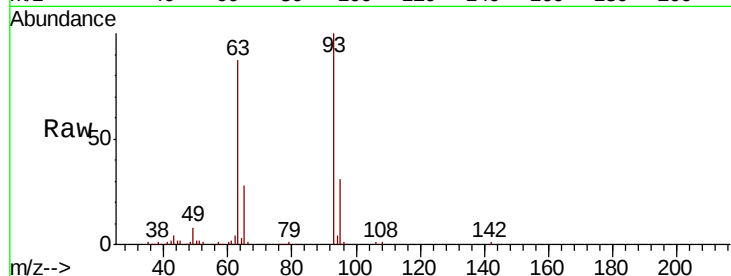
Tgt Ion: 93 Resp: 156567

Ion Ratio Lower Upper

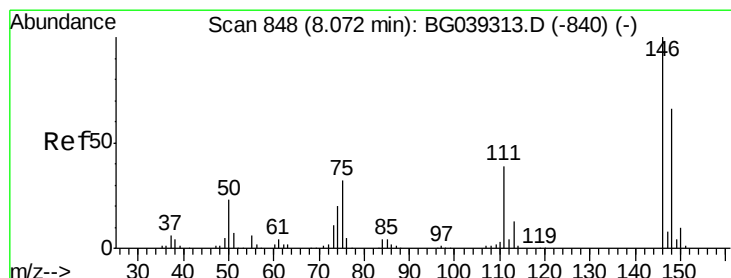
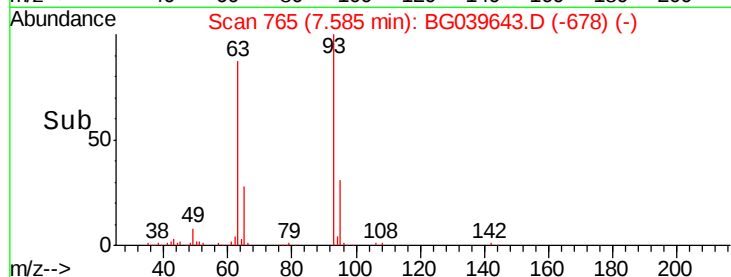
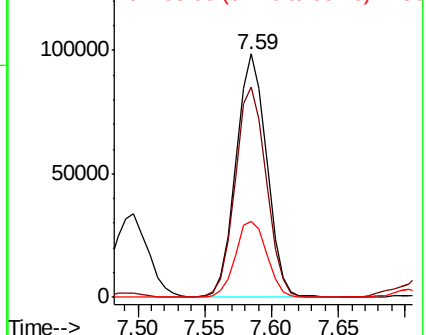
93 100

63 86.6 69.5 109.5

95 31.0 12.7 52.7



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: 40.128 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

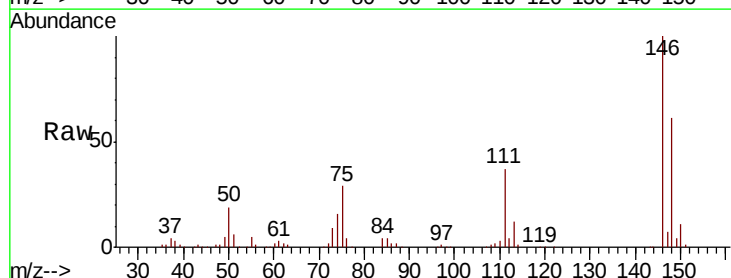
Tgt Ion: 146 Resp: 170925

Ion Ratio Lower Upper

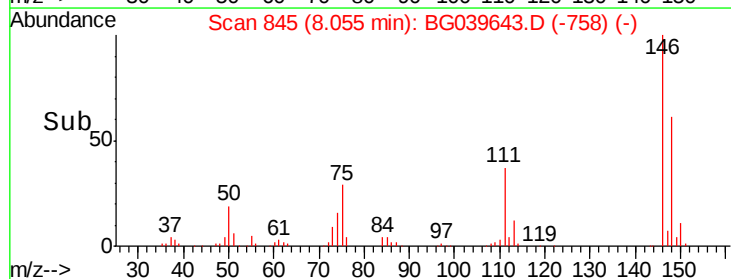
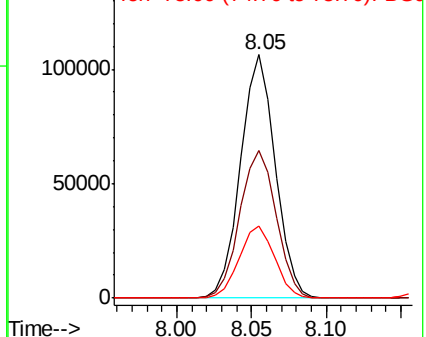
146 100

148 60.8 52.6 79.0

75 29.4 25.8 38.6



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

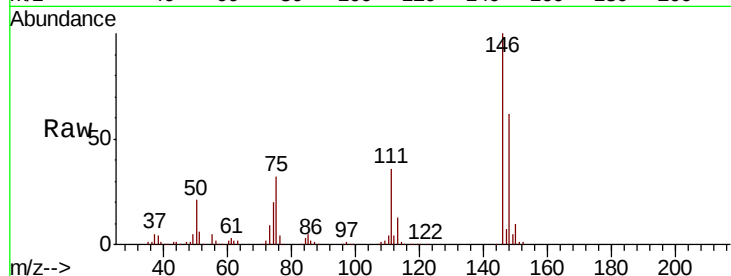




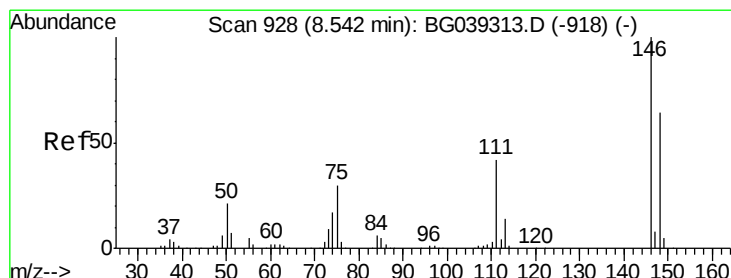
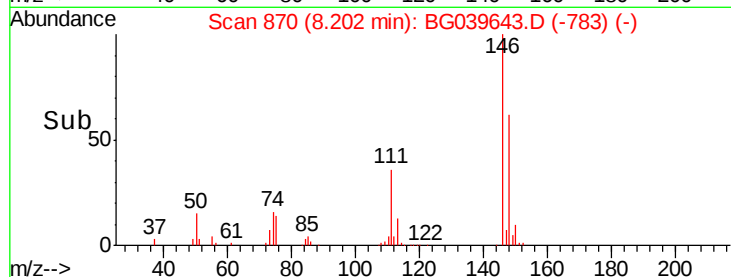
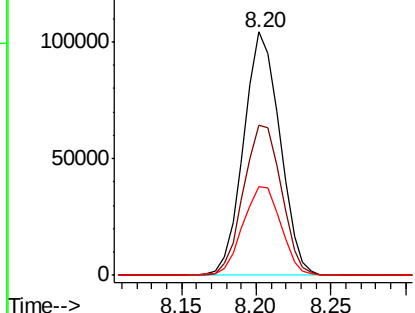
#13
 1,4-Dichlorobenzene
 Concen: 41.196 ng
 RT: 8.20 min Scan# 870
 Delta R.T. -0.02 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MS

Tgt Ion:146 Resp: 174897
 Ion Ratio Lower Upper
 146 100
 148 61.6 51.1 76.7
 111 36.5 32.6 48.8

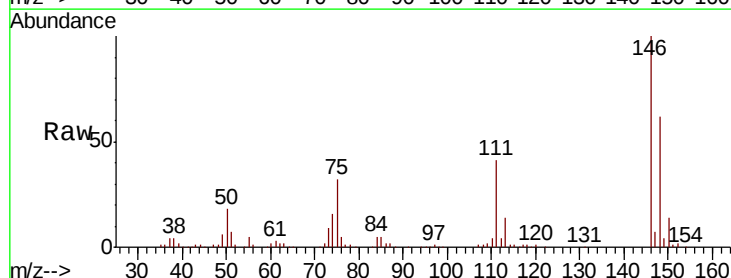


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

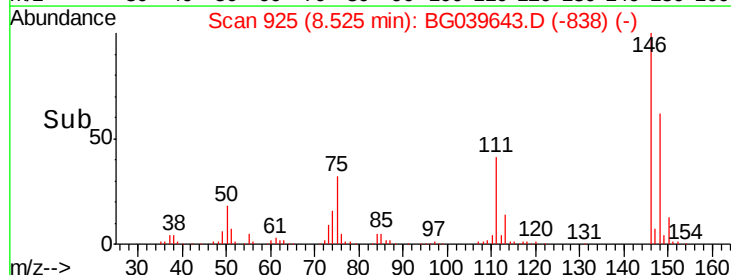
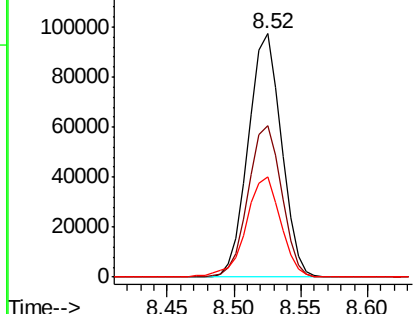


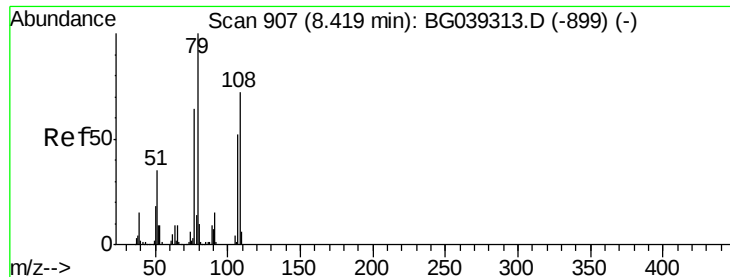
#14
 1,2-Dichlorobenzene
 Concen: 40.476 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Tgt Ion:146 Resp: 166356
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.5 77.3
 111 41.3 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 40.405 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

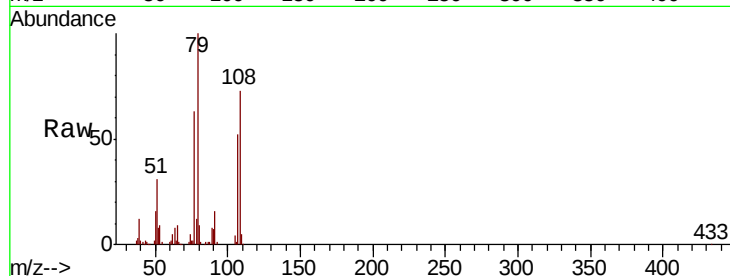
Tgt Ion: 79 Resp: 150194

Ion Ratio Lower Upper

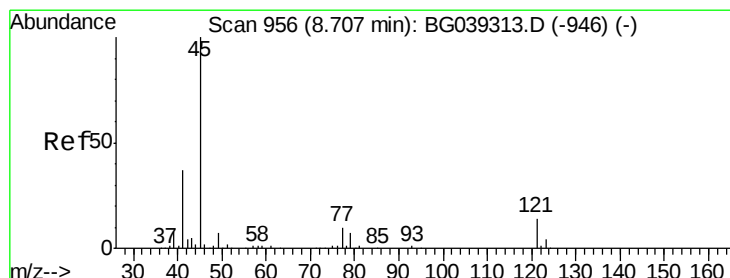
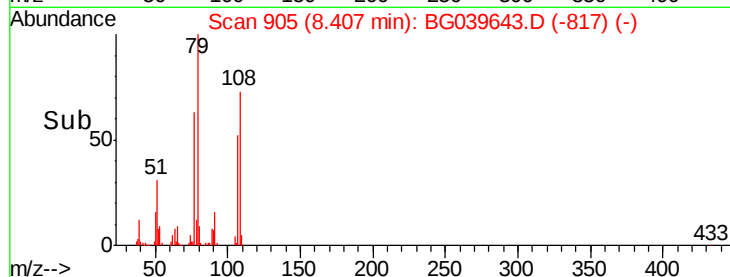
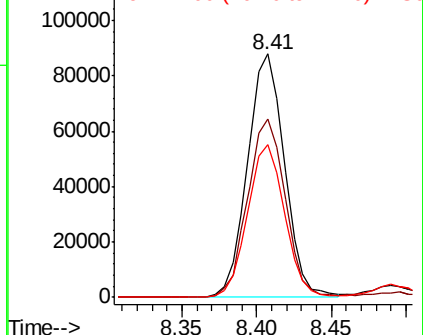
79 100

108 73.5 57.8 86.6

77 62.7 51.1 76.7



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: 34.375 ng

RT: 8.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

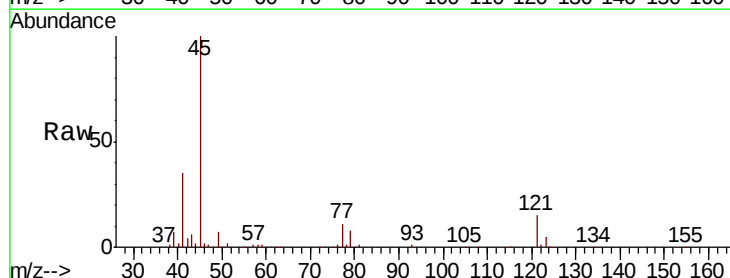
Tgt Ion: 45 Resp: 302750

Ion Ratio Lower Upper

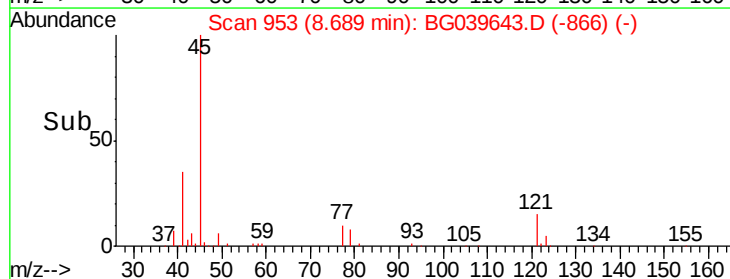
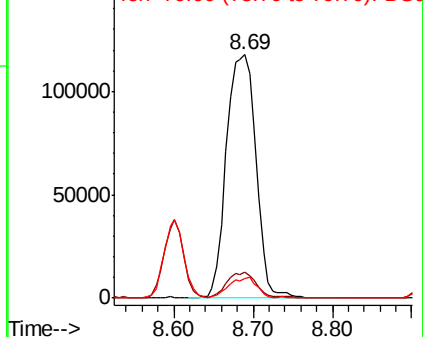
45 100

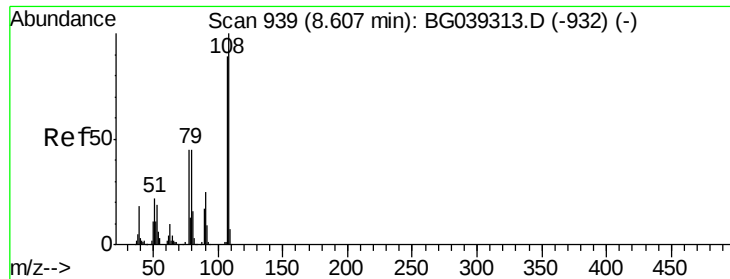
77 10.6 0.0 30.0

79 8.1 0.0 27.5



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





#17

2-Methylphenol

Concen: 42.079 ng

RT: 8.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

Tgt Ion:107 Resp: 134400

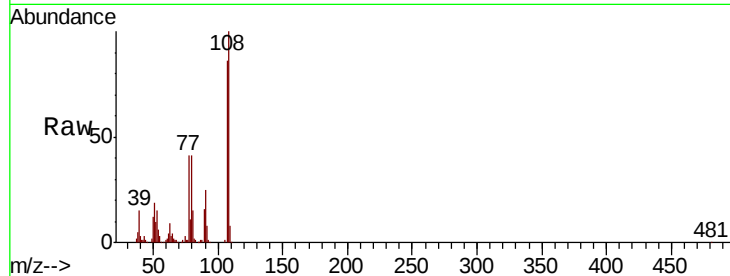
Ion Ratio Lower Upper

107 100

108 116.0 90.8 136.2

77 47.6 40.7 61.1

79 48.0 40.6 60.8

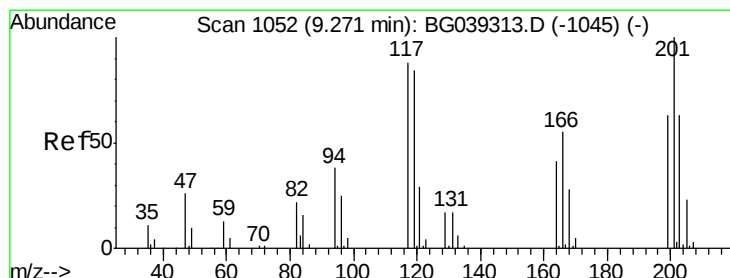
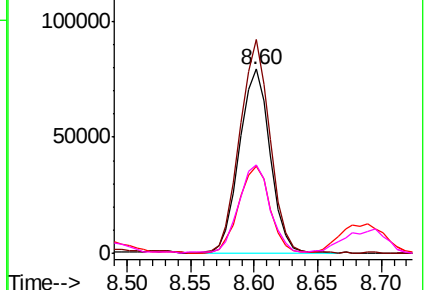
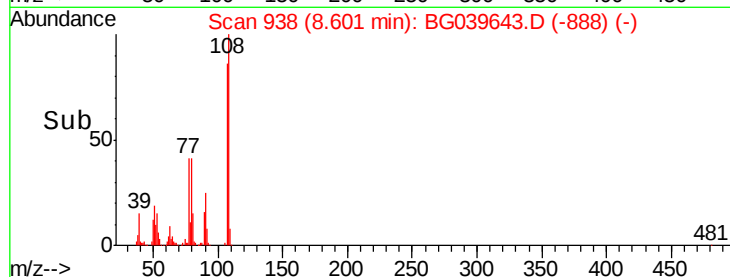


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 41.635 ng

RT: 9.25 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

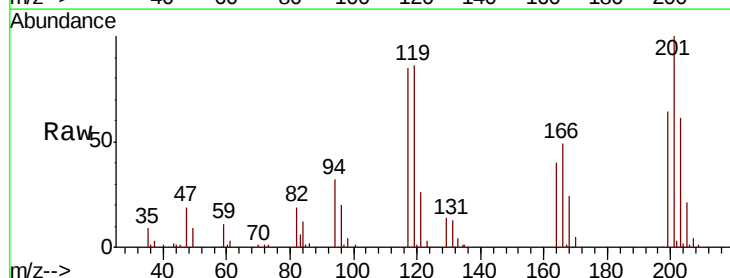
Tgt Ion:117 Resp: 60813

Ion Ratio Lower Upper

117 100

119 101.2 76.3 114.5

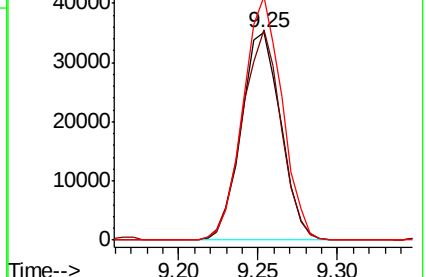
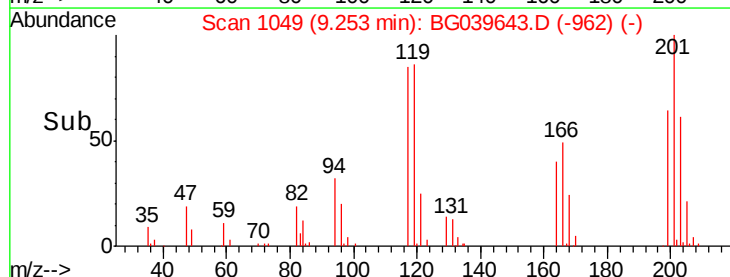
201 117.4 91.1 136.7

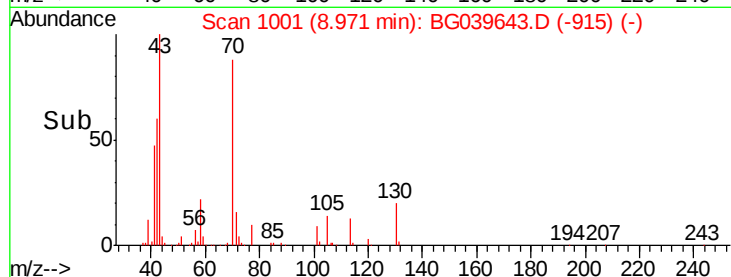
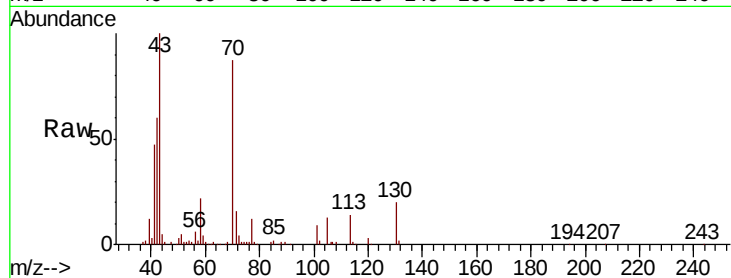
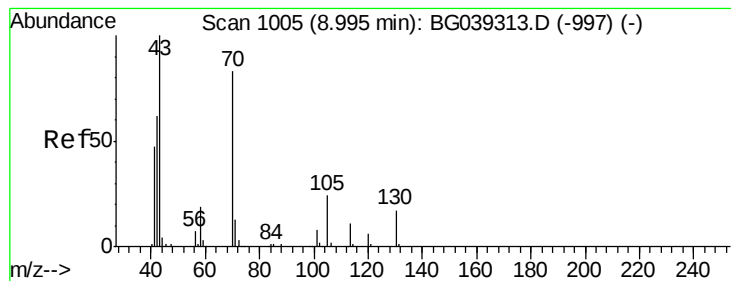


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.084 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

Tgt Ion: 70 Resp: 124625

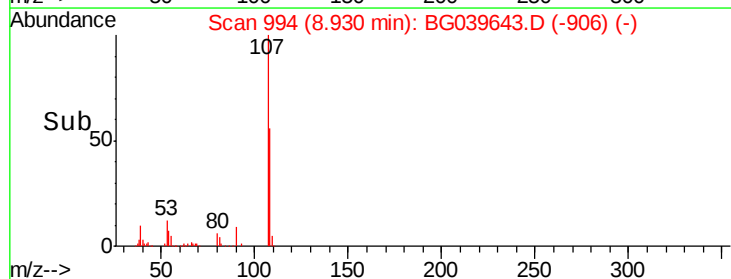
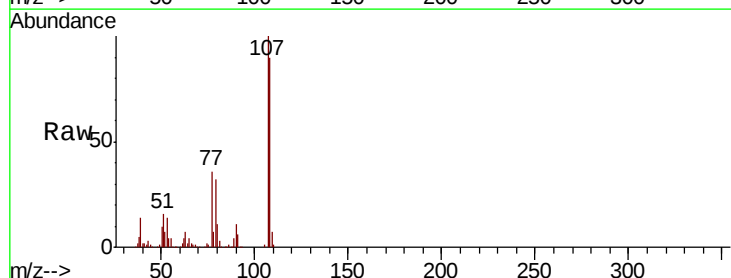
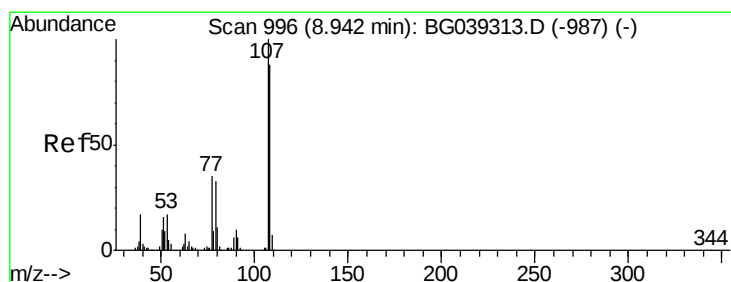
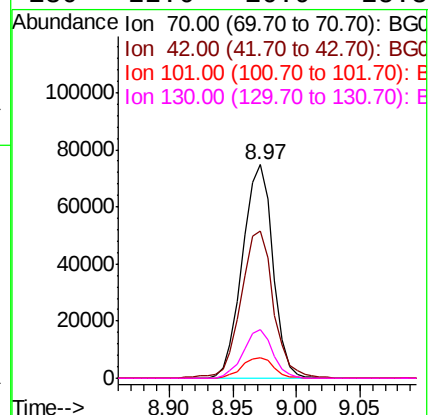
Ion Ratio Lower Upper

70 100

42 69.0 60.4 90.6

101 9.7 7.5 11.3

130 22.6 16.9 25.3



#20

3+4-Methylphenols

Concen: 41.919 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Tgt Ion: 107 Resp: 184372

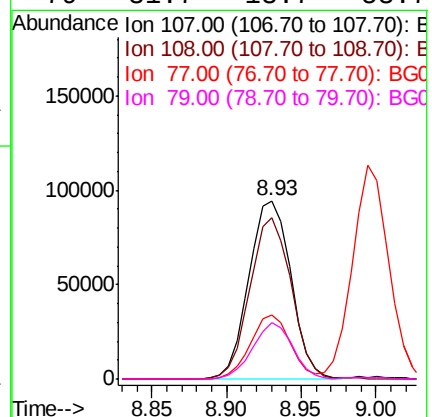
Ion Ratio Lower Upper

107 100

108 90.5 67.9 107.9

77 36.1 15.4 55.4

79 31.7 13.7 53.7

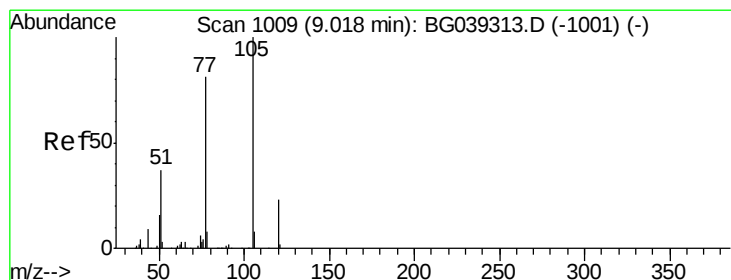
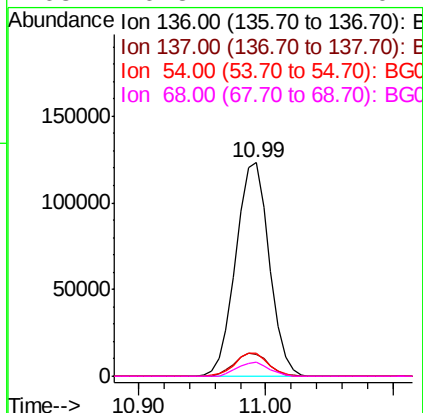
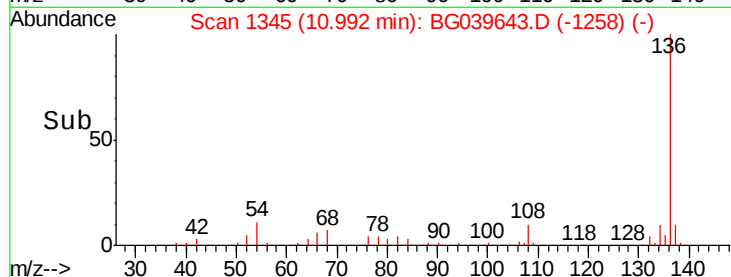
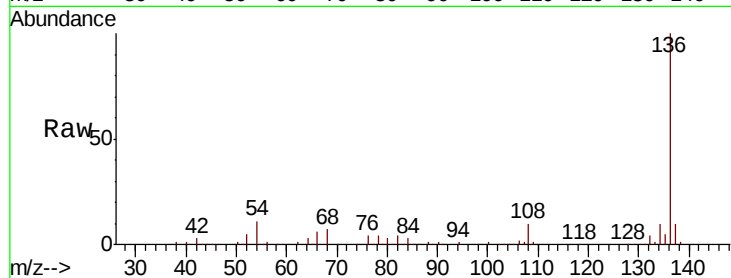




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

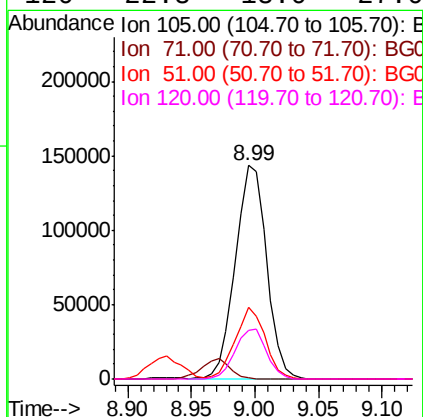
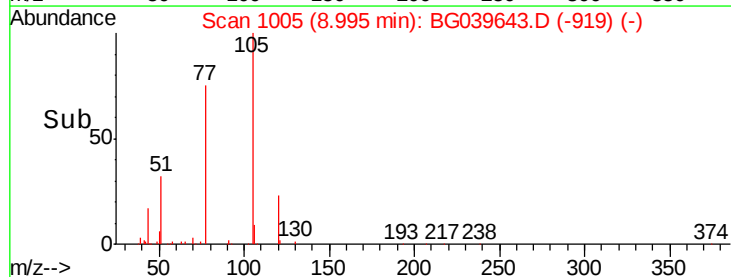
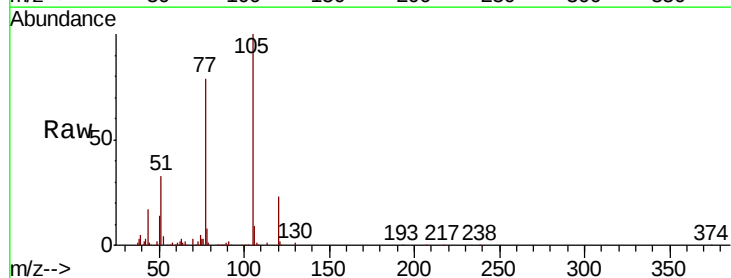
Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

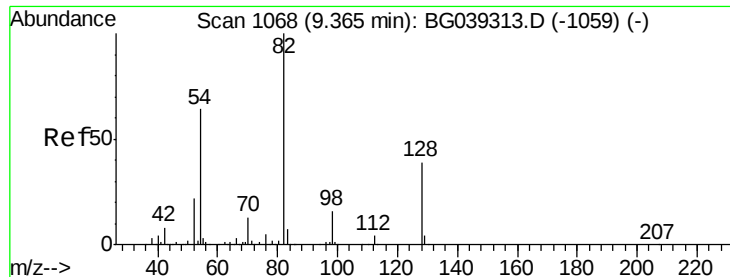
Tgt Ion:	136	Resp:	225148
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.1	13.7
54	11.0	9.4	14.2
68	6.8	4.2	6.4#



#22
Acetophenone
Concen: 40.517 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion:	105	Resp:	245038
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.8	1.2#
51	33.4	30.2	45.2
120	22.8	18.0	27.0

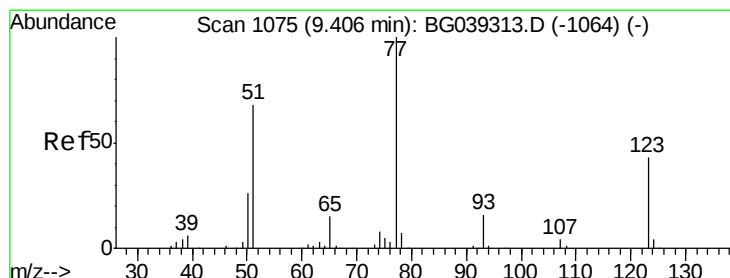
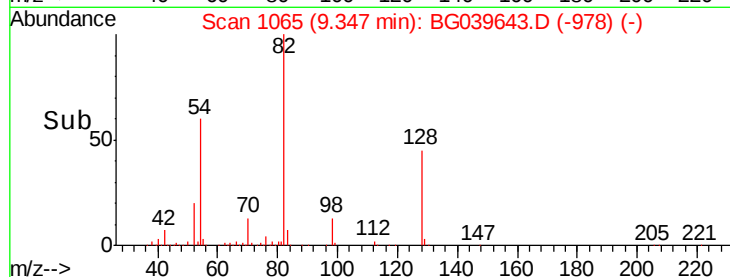
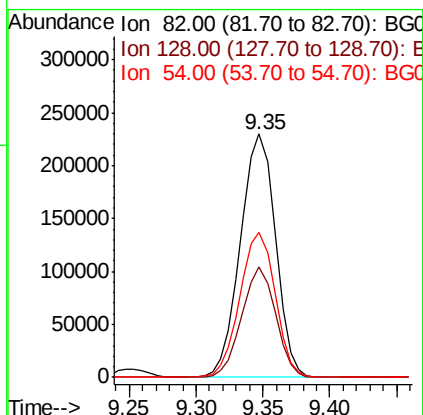
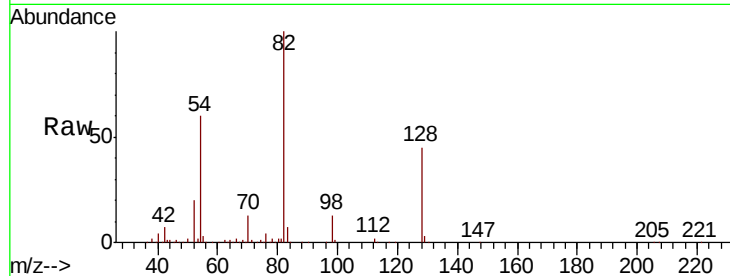




#23
 Nitrobenzene-d5
 Concen: 116.282 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

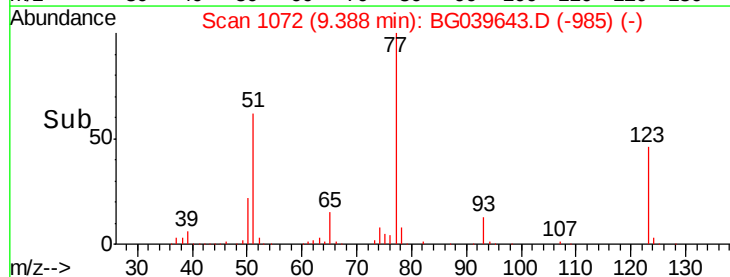
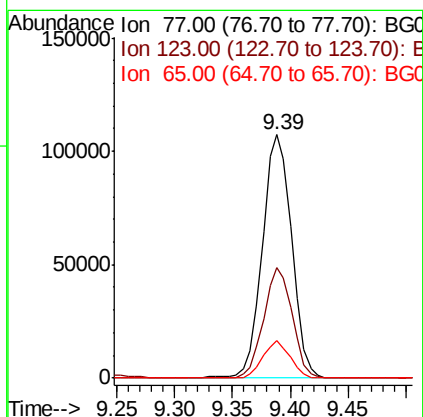
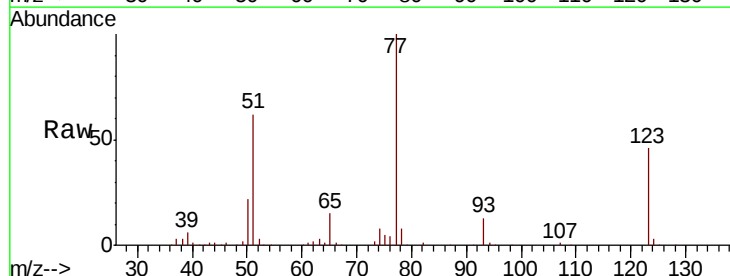
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MS

Tgt Ion: 82 Resp: 419080
 Ion Ratio Lower Upper
 82 100
 128 45.1 31.3 46.9
 54 59.5 50.9 76.3



#24
 Nitrobenzene
 Concen: 48.875 ng
 RT: 9.39 min Scan# 1072
 Delta R.T. -0.02 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Tgt Ion: 77 Resp: 190296
 Ion Ratio Lower Upper
 77 100
 123 45.6 34.1 51.1
 65 15.3 12.3 18.5

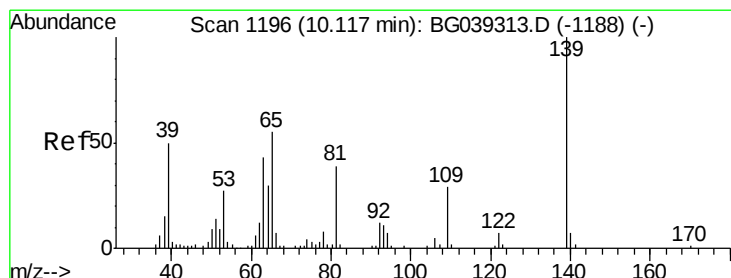
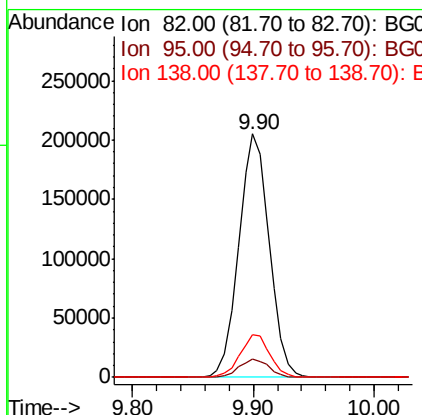
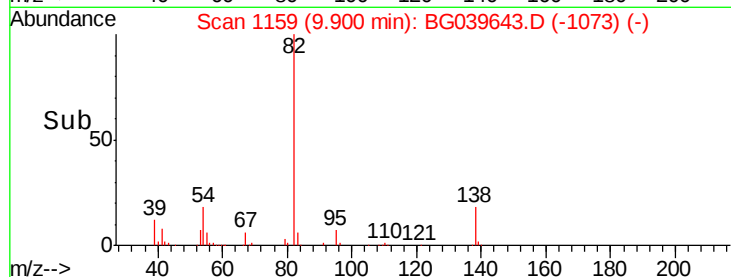
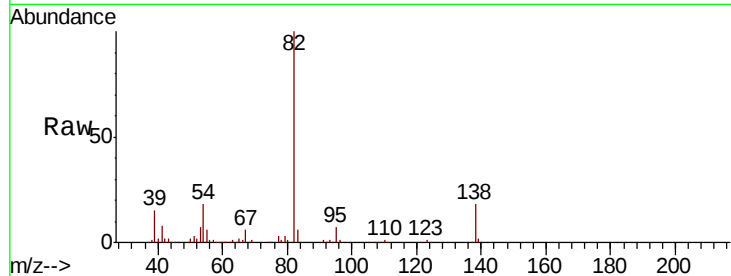




#25
Isophorone
Concen: 44.928 ng
RT: 9.90 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

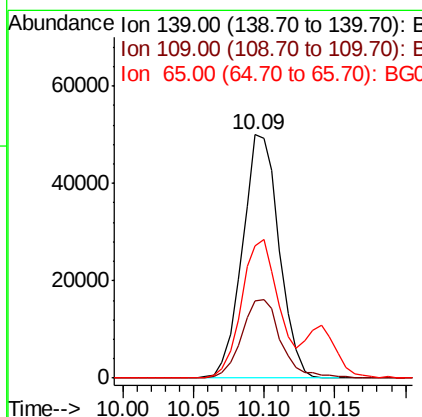
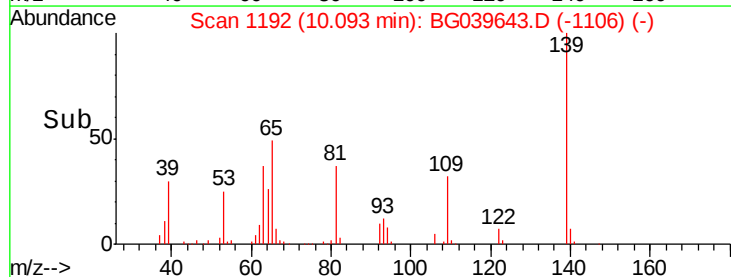
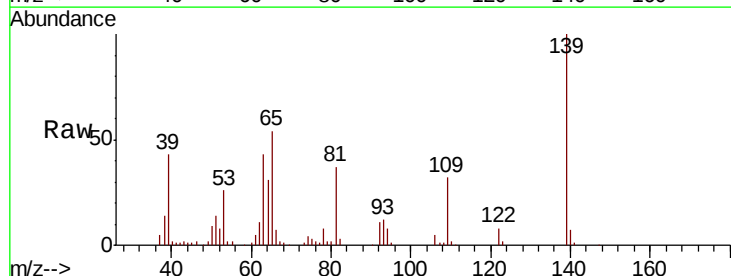
Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tgt Ion: 82 Resp: 358818
Ion Ratio Lower Upper
82 100
95 7.3 6.2 9.2
138 17.6 13.0 19.4



#26
2-Nitrophenol
Concen: 56.444 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion: 139 Resp: 91034
Ion Ratio Lower Upper
139 100
109 32.0 23.4 35.0
65 54.1 44.3 66.5

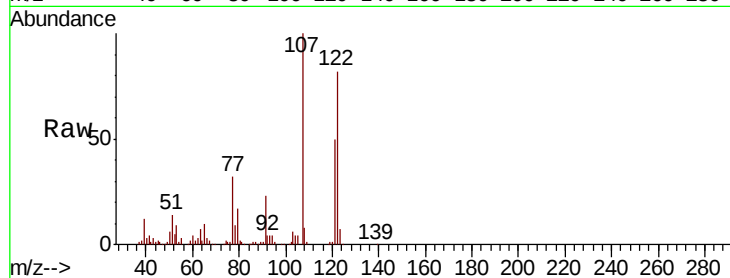




#27
 2,4-Dimethylphenol
 Concen: 49.672 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.6	91.7	137.5
121	61.9	46.4	69.6

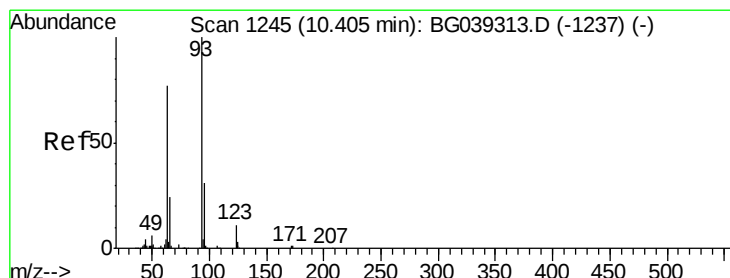
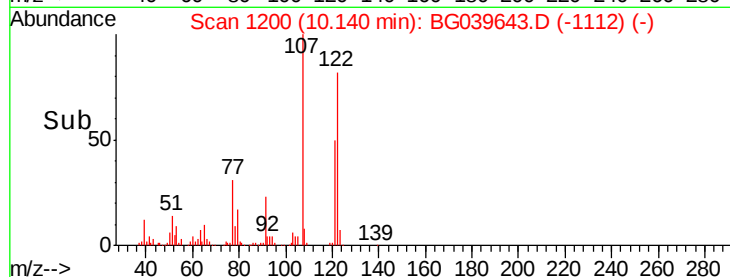
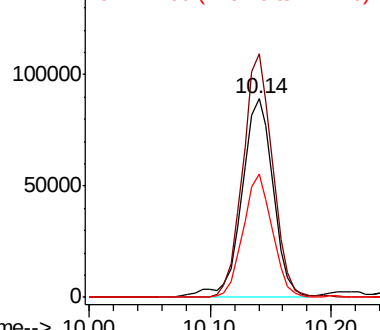


Abundance

Ion 122.00 (121.70 to 122.70): E

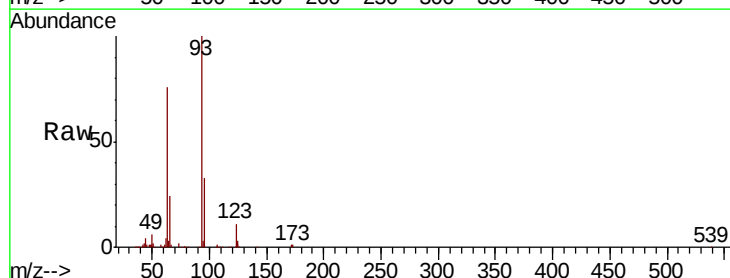
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.381 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.0	37.4
123	11.0	8.6	12.8

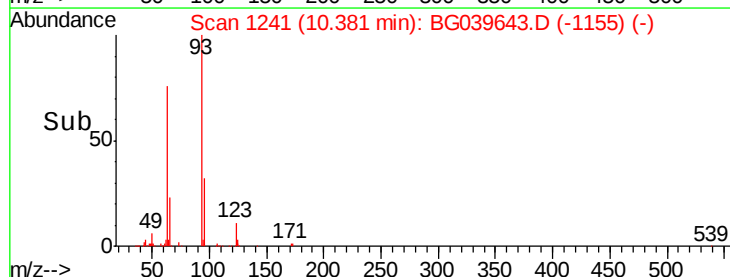
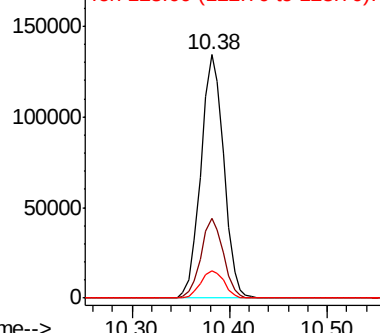


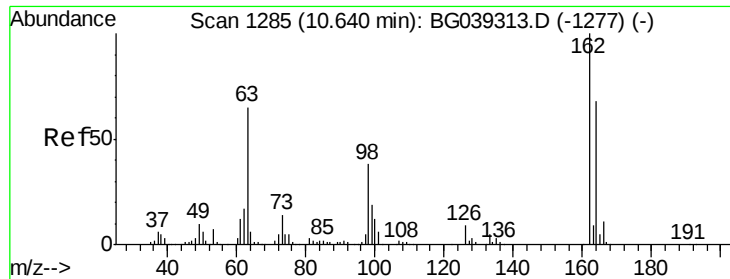
Abundance

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

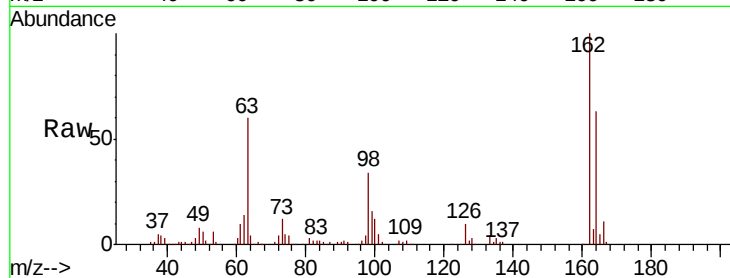




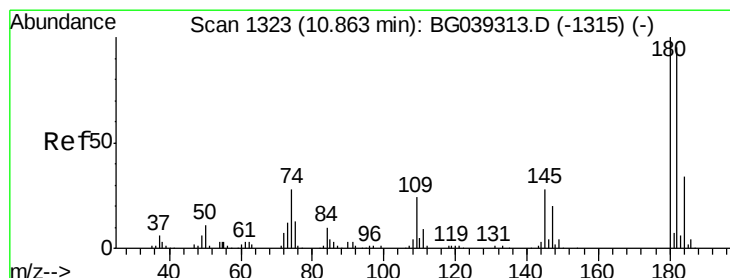
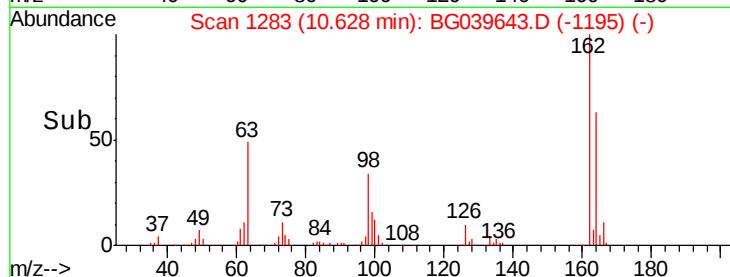
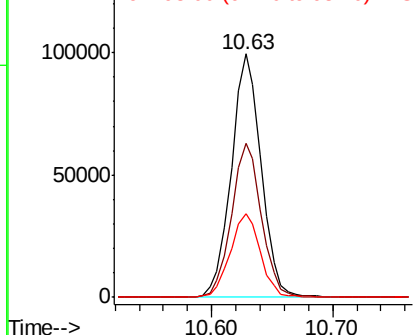
#29
 2,4-Dichlorophenol
 Concen: 48.423 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	48.1	88.1
98	34.3	18.1	58.1

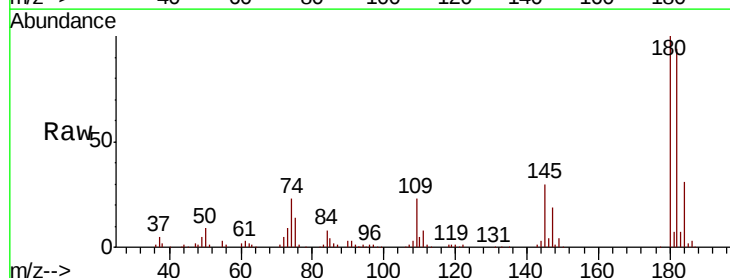


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

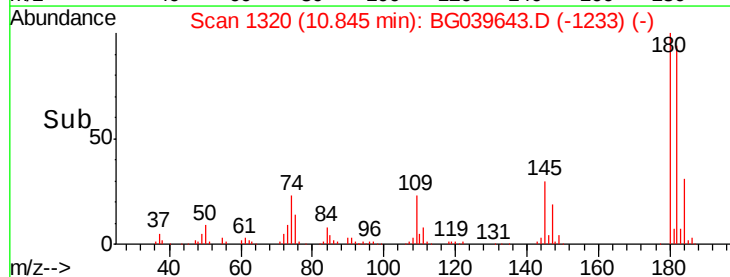
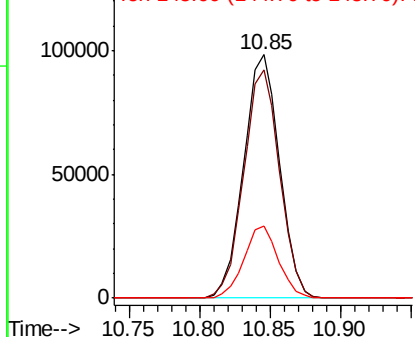


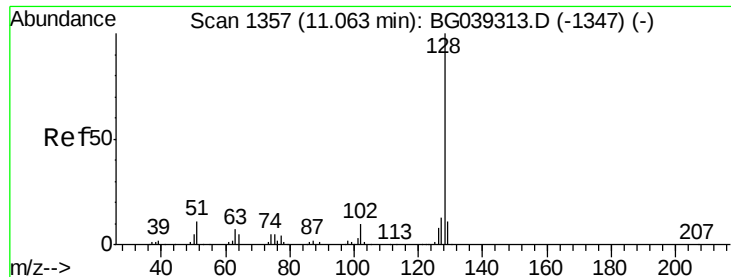
#30
 1,2,4-Trichlorobenzene
 Concen: 44.206 ng
 RT: 10.85 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.0	114.0
145	29.6	22.7	34.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

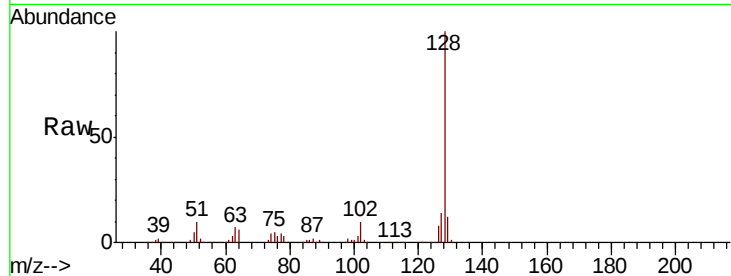




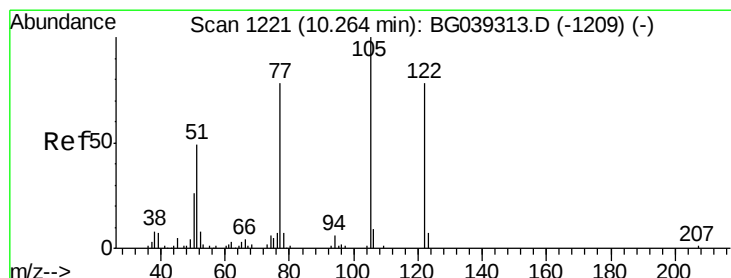
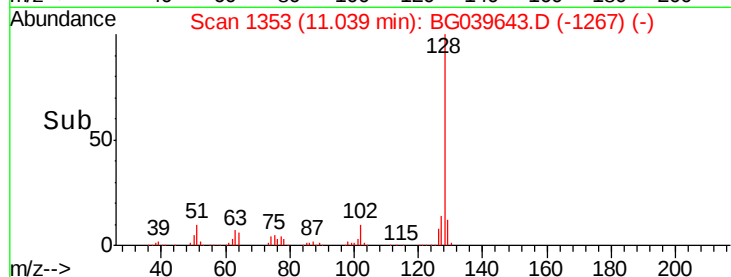
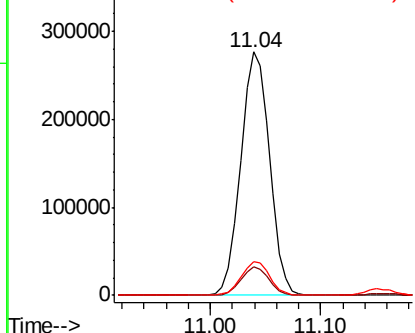
#31
Naphthalene
Concen: 45.377 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tgt Ion:128 Resp: 506831
Ion Ratio Lower Upper
128 100
129 11.8 8.7 13.1
127 13.7 10.8 16.2

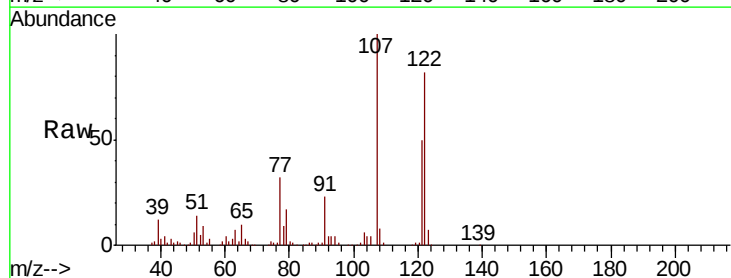


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

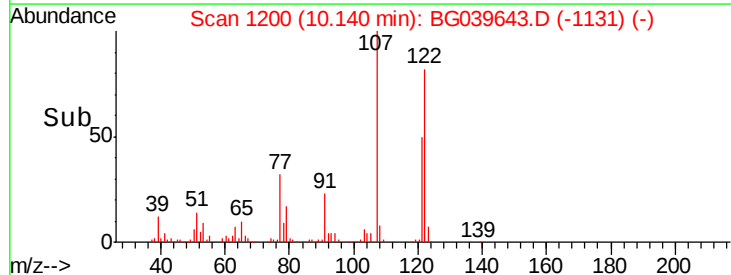
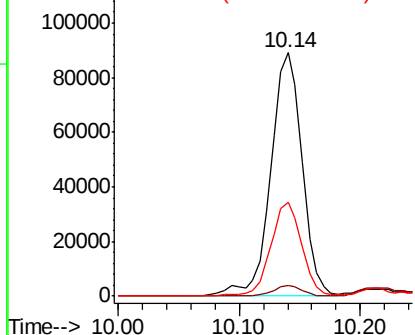


#32
Benzoic acid
Concen: 70.620 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.12 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion:122 Resp: 160475
Ion Ratio Lower Upper
122 100
105 4.6 101.8 141.8#
77 38.7 76.3 116.3#



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

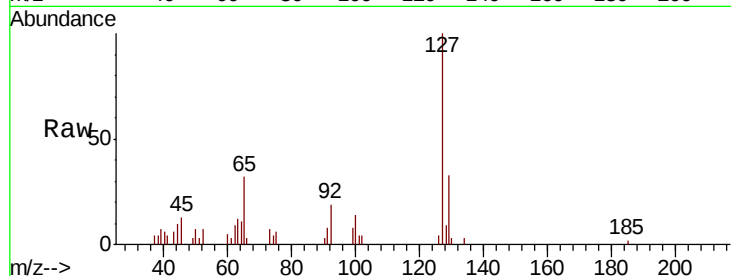




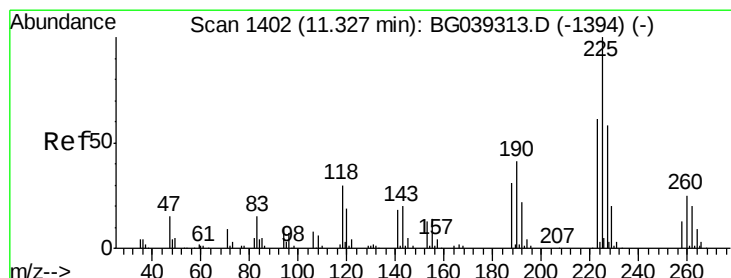
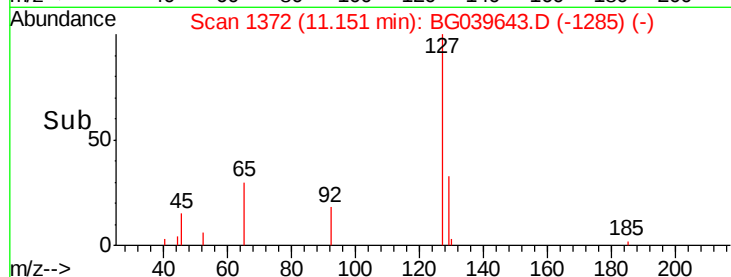
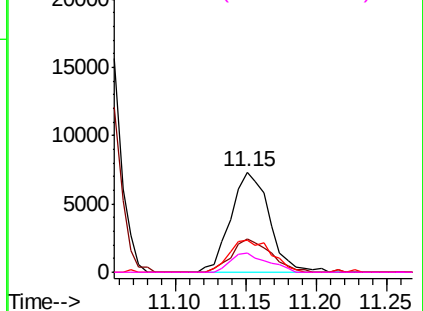
#33
4-Chloroaniline
Concen: 2.708 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tgt Ion:	127	Resp:	14027
Ion	Ratio	Lower	Upper
127	100		
129	33.2	27.0	40.4
65	32.3	28.8	43.2
92	18.8	16.6	25.0

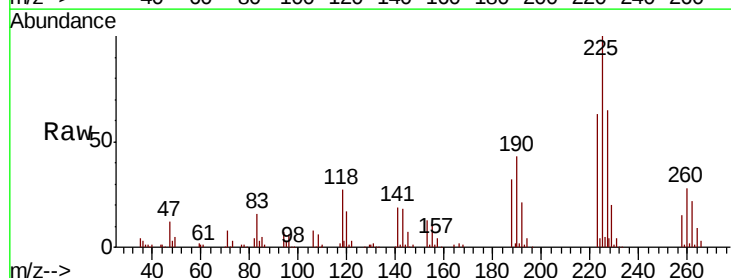


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

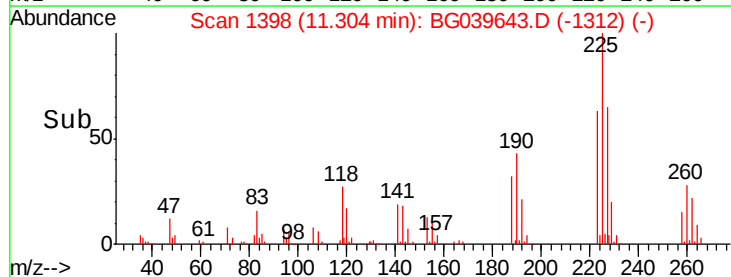
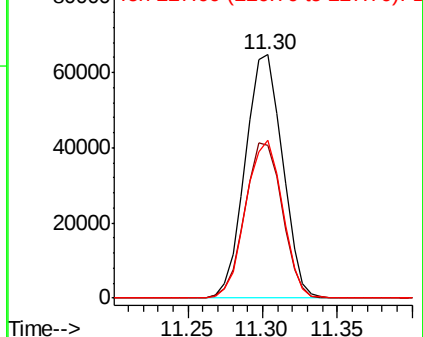


#34
Hexachlorobutadiene
Concen: 42.458 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion:	225	Resp:	111932
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.0	73.6
227	64.6	46.3	69.5



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





#35

Caprolactam

Concen: 31.507 ng

RT: 11.93 min Scan# 1504

Delta R.T. -0.04 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

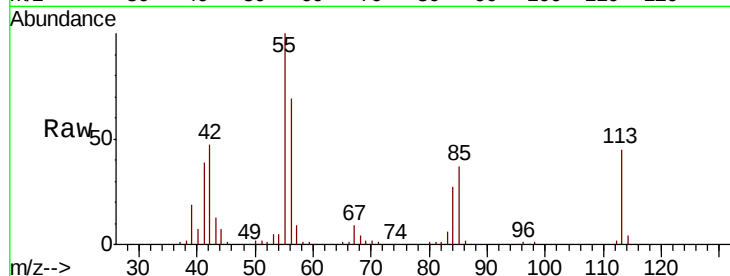
Tgt Ion:113 Resp: 46036

Ion Ratio Lower Upper

113 100

55 221.7 216.9 256.9

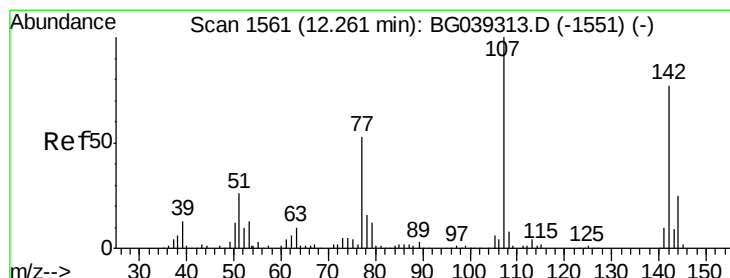
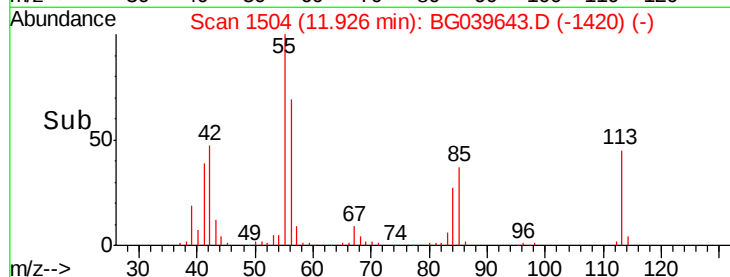
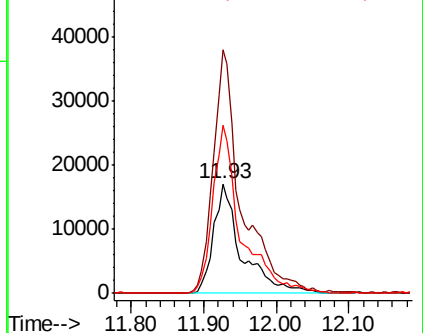
56 153.5 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.559 ng

RT: 12.25 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

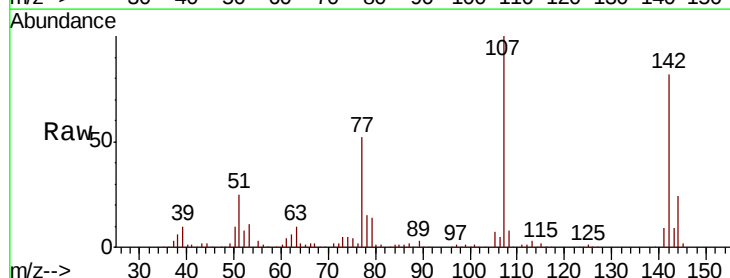
Tgt Ion:107 Resp: 181958

Ion Ratio Lower Upper

107 100

144 24.3 20.2 30.2

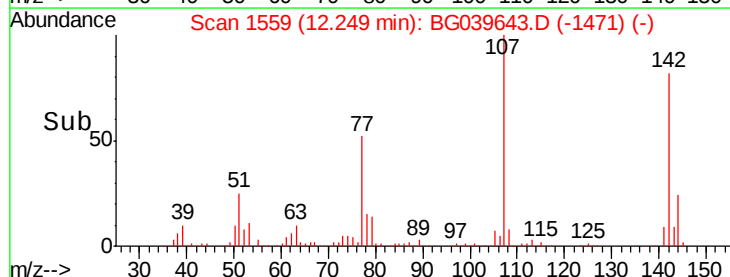
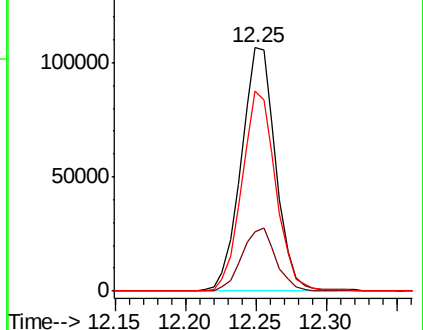
142 82.1 61.4 92.2

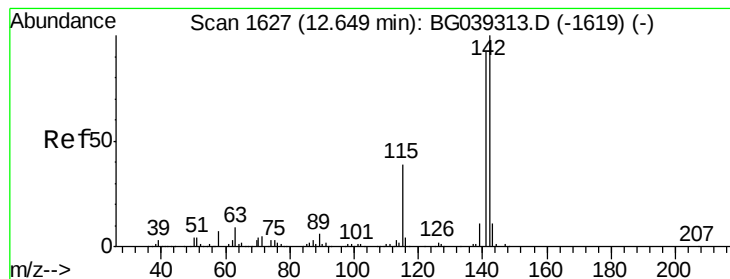


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.034 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

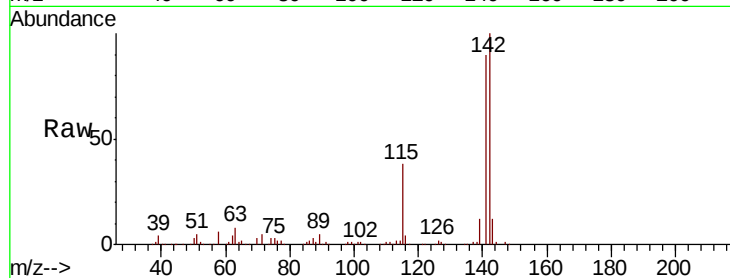
Tgt Ion:142 Resp: 372552

Ion Ratio Lower Upper

142 100

141 90.4 73.5 110.3

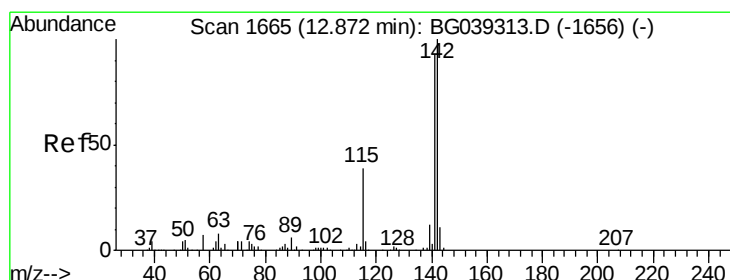
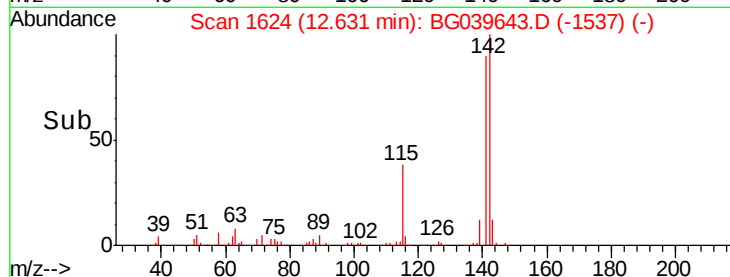
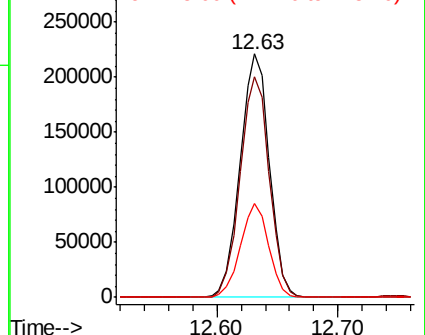
115 38.4 30.8 46.2



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: 44.717 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

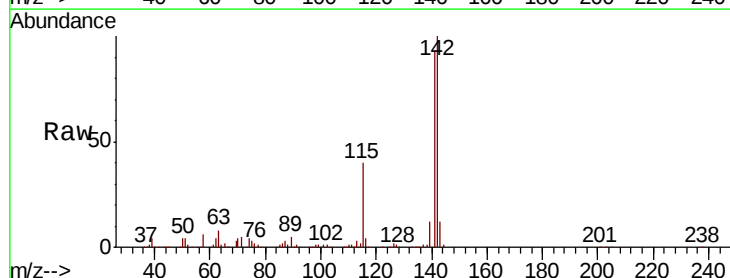
Tgt Ion:142 Resp: 356599

Ion Ratio Lower Upper

142 100

141 93.4 74.2 111.4

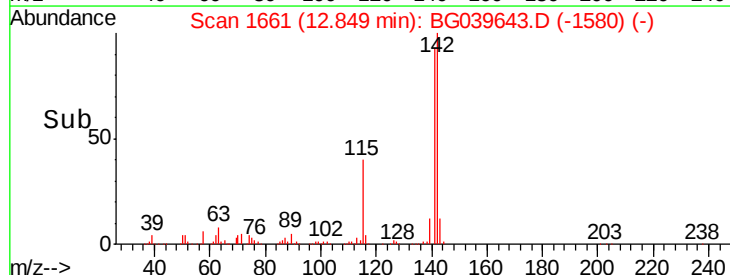
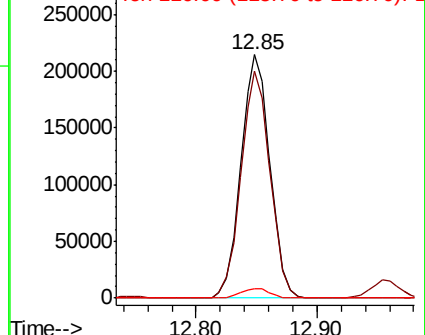
116 3.8 3.0 4.6

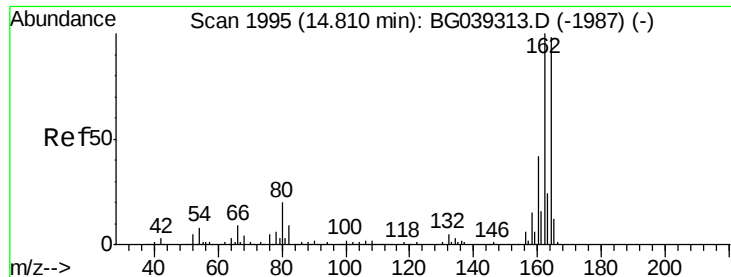


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

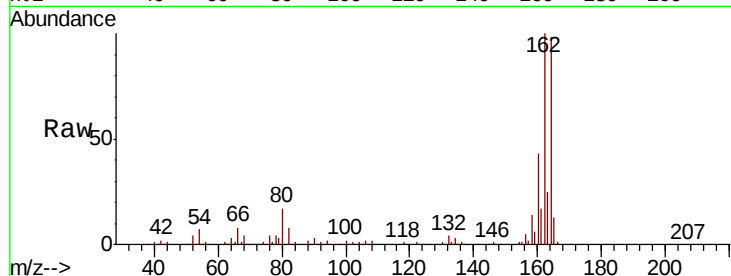
Tgt Ion:164 Resp: 150099

Ion Ratio Lower Upper

164 100

162 102.3 81.6 122.4

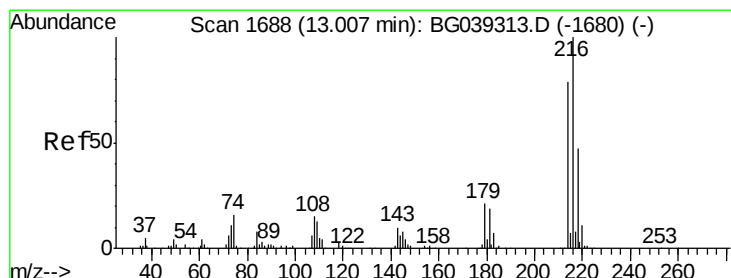
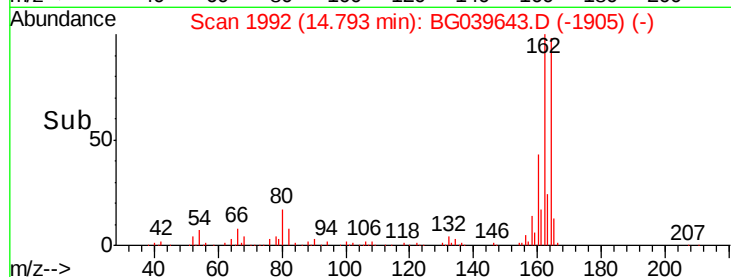
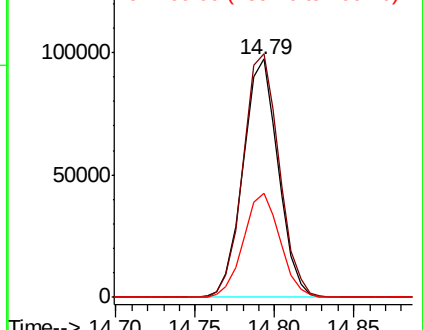
160 44.0 34.2 51.2



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: 43.217 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Tgt Ion:216 Resp: 206390

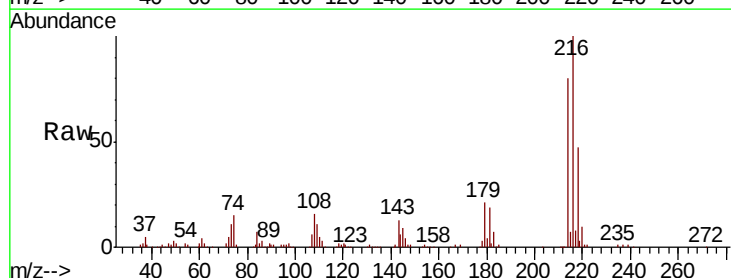
Ion Ratio Lower Upper

216 100

214 80.7 62.6 94.0

179 20.9 16.6 25.0

108 18.3 14.0 21.0

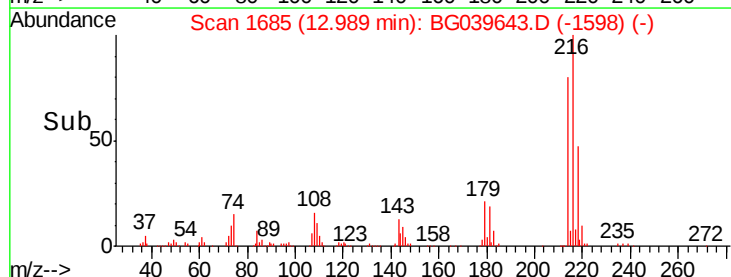
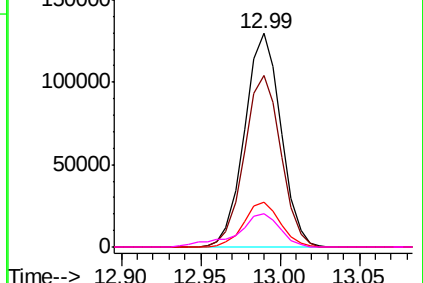


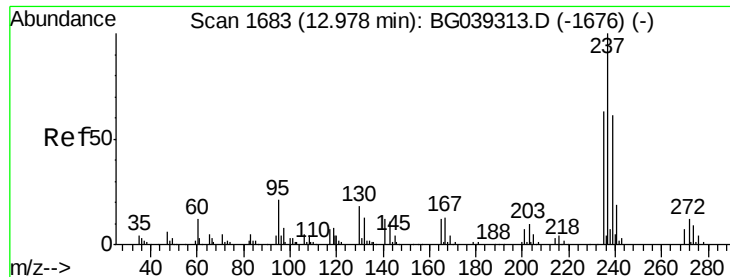
Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.483 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

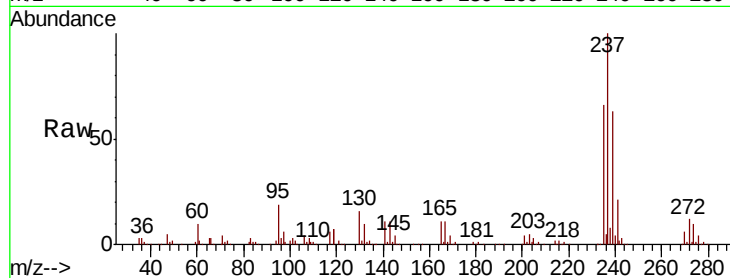
Tgt Ion: 237 Resp: 230264

Ion Ratio Lower Upper

237 100

235 65.7 43.3 83.3

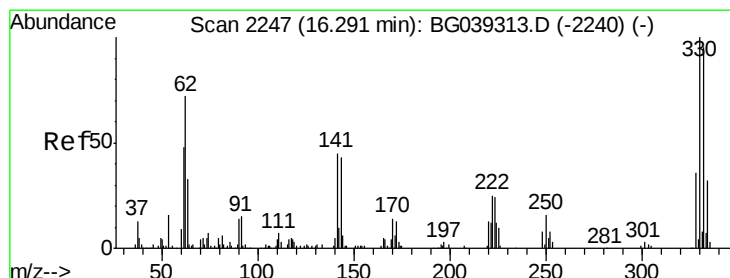
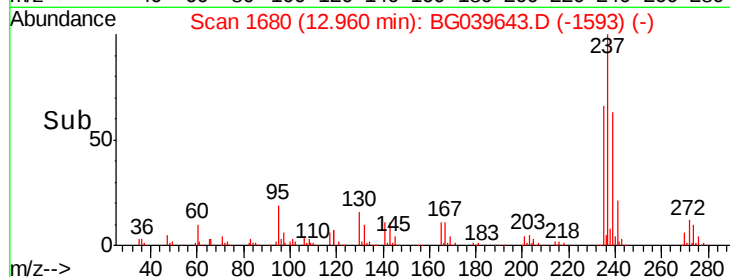
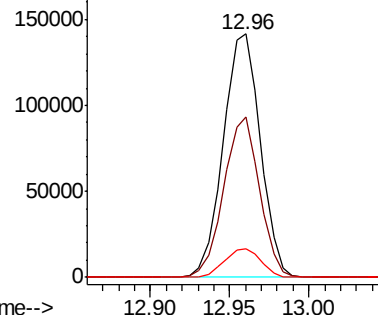
272 11.6 0.0 32.3



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: 167.613 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

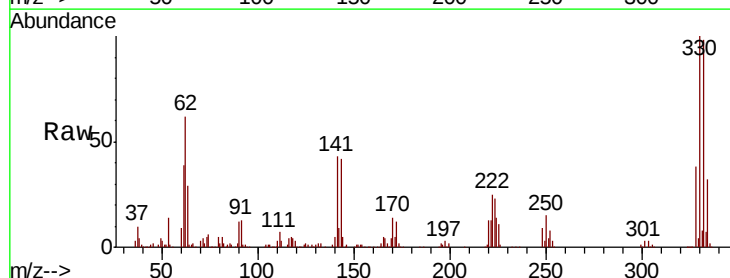
Tgt Ion: 330 Resp: 270915

Ion Ratio Lower Upper

330 100

332 96.7 75.7 113.5

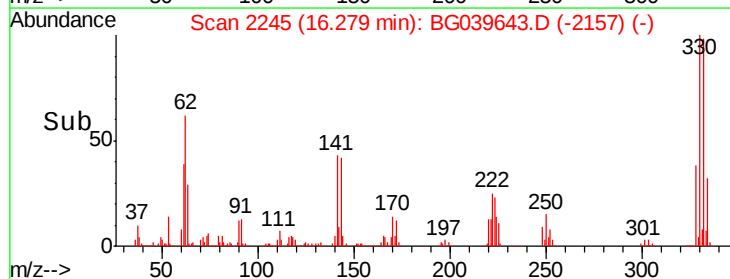
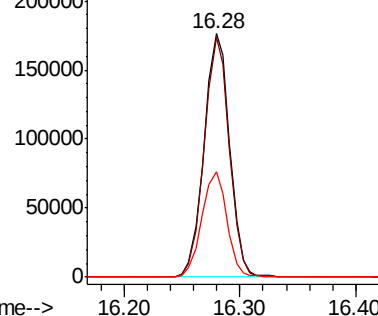
141 42.6 35.6 53.4

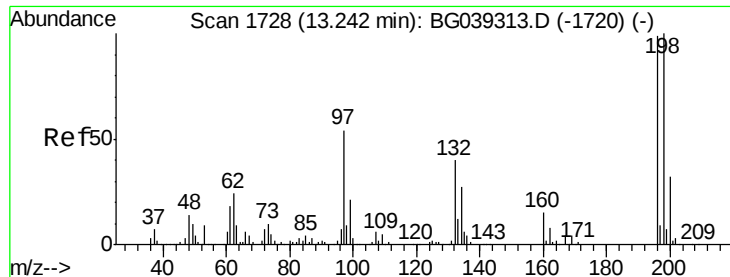


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

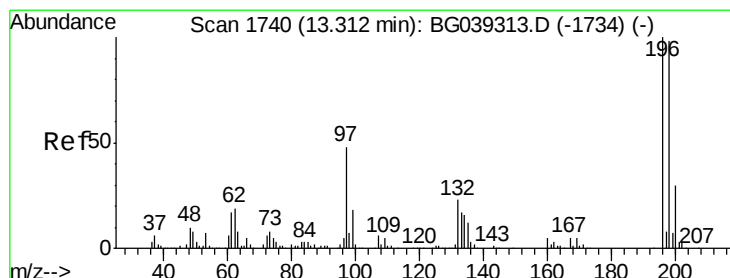
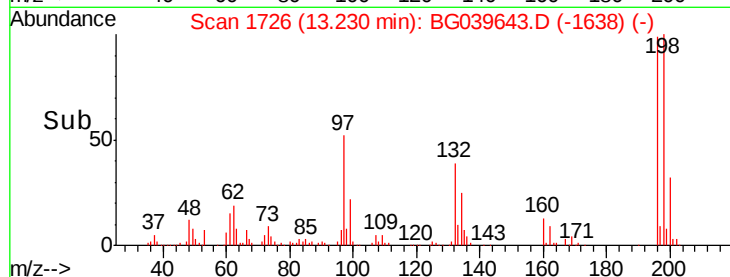
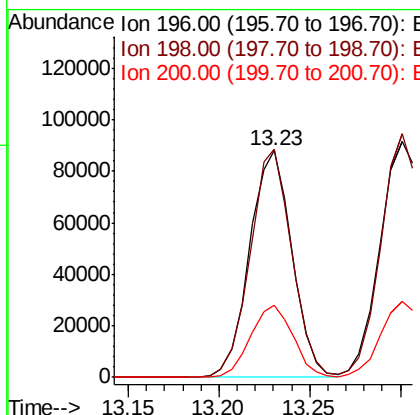
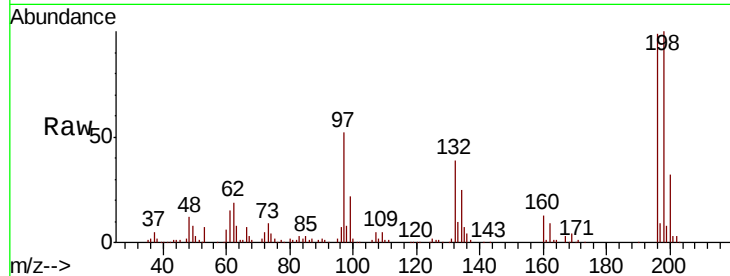




#43
 2,4,6-Trichlorophenol
 Concen: 48.558 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

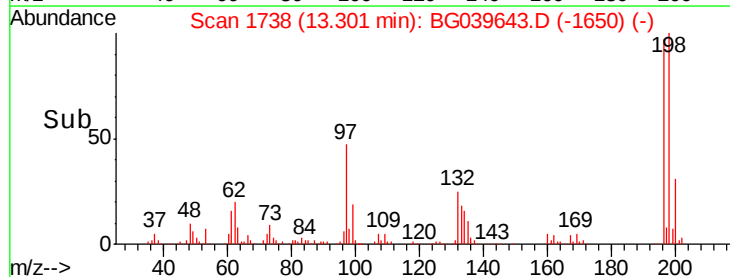
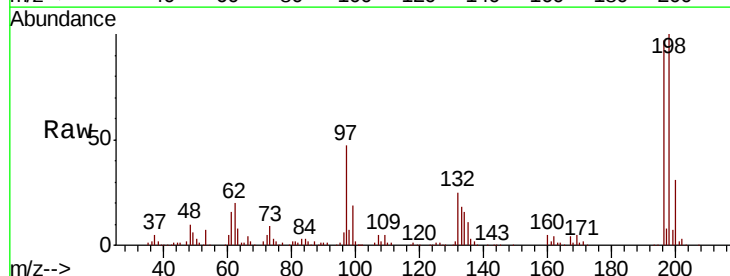
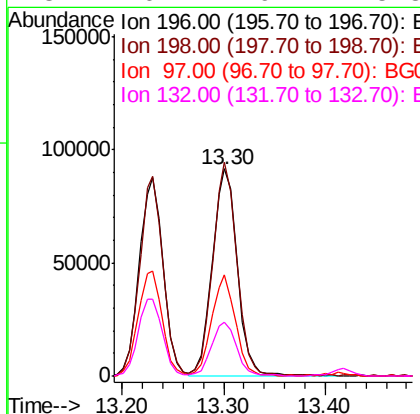
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MS

Tgt Ion:196 Resp: 142583
 Ion Ratio Lower Upper
 196 100
 198 100.7 80.6 121.0
 200 32.0 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 50.856 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Tgt Ion:196 Resp: 156512
 Ion Ratio Lower Upper
 196 100
 198 103.2 78.5 117.7
 97 48.9 38.4 57.6
 132 26.1 19.2 28.8

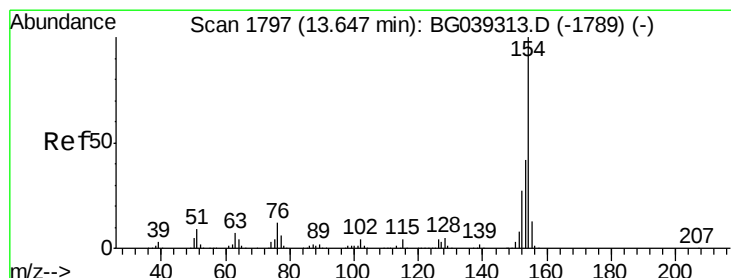
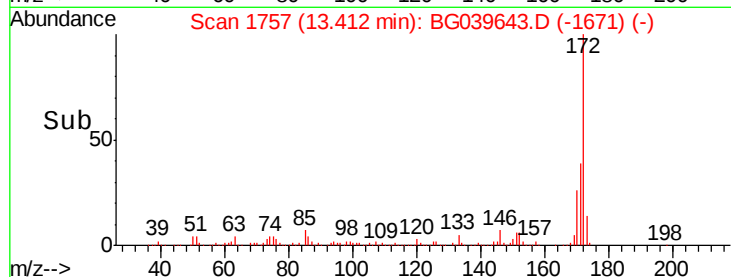
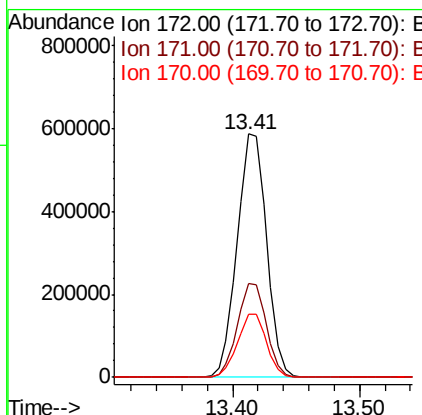
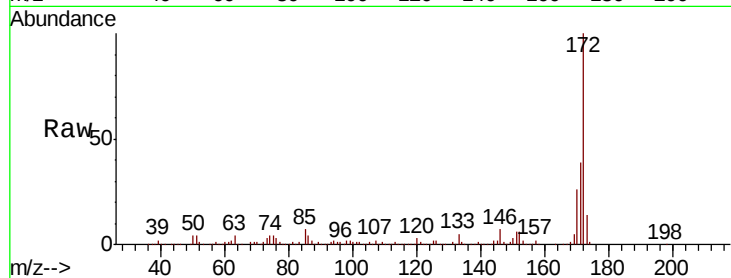




#45
2-Fluorobiphenyl
Concen: 90.003 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

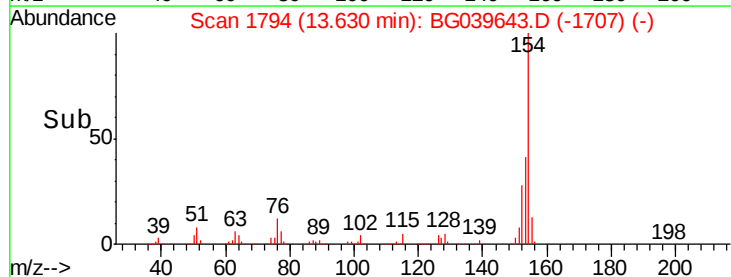
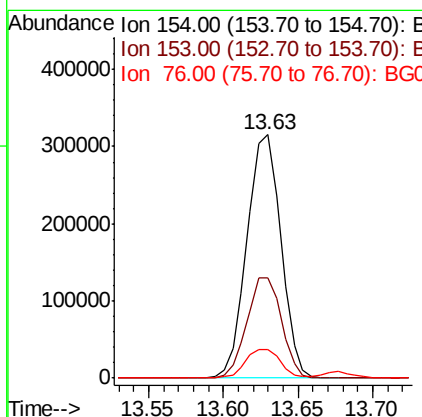
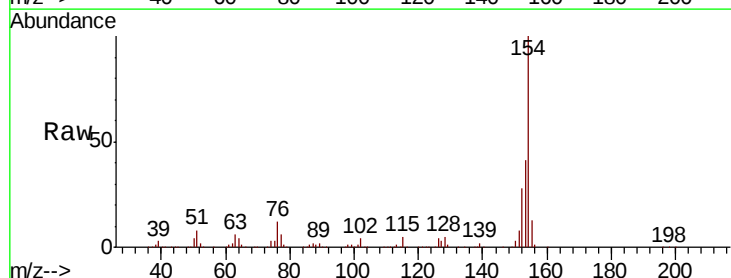
Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

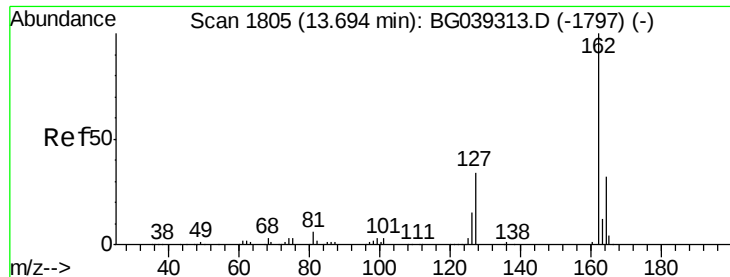
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.8	46.2
170	25.8	20.2	30.4



#46
1,1'-Biphenyl
Concen: 39.725 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.1	62.1
76	11.8	0.0	32.4

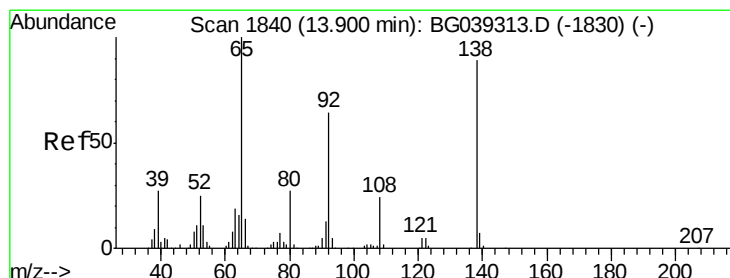
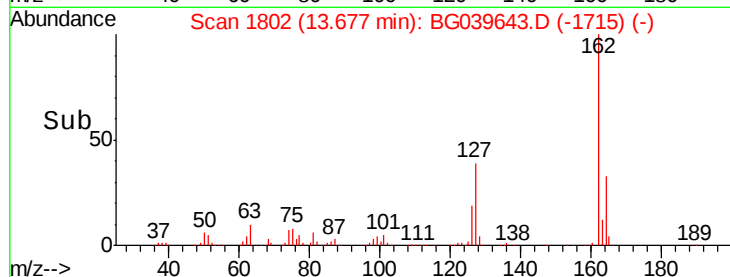
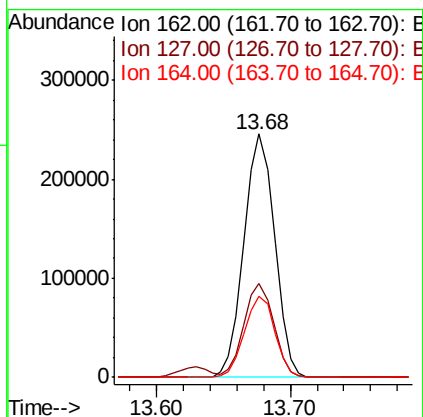
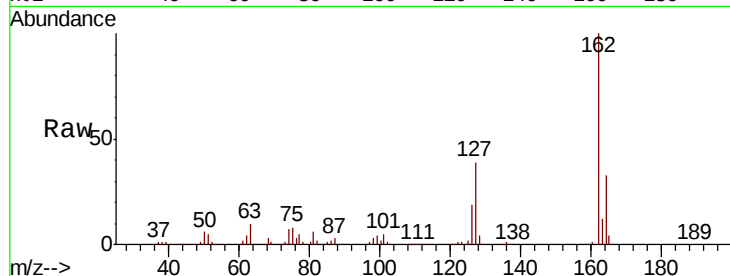




#47
2-Chloronaphthalene
Concen: 41.647 ng
RT: 13.68 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

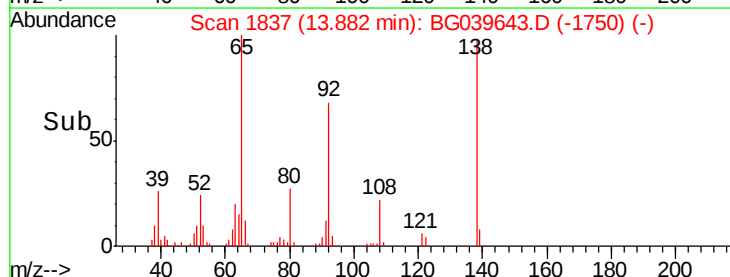
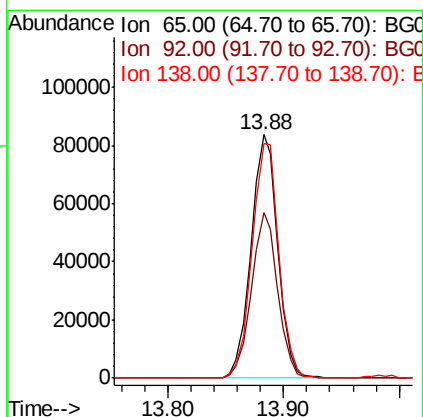
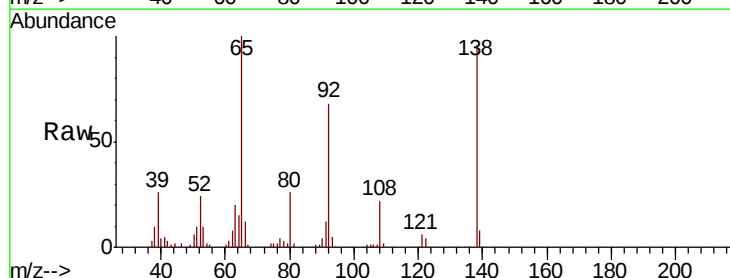
Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tgt Ion: 162 Resp: 391268
Ion Ratio Lower Upper
162 100
127 38.8 31.0 46.6
164 33.1 25.7 38.5



#48
2-Nitroaniline
Concen: 49.460 ng
RT: 13.88 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion: 65 Resp: 134306
Ion Ratio Lower Upper
65 100
92 68.0 51.4 77.2
138 96.4 71.4 107.2





#49

Acenaphthylene

Concen: 44.629 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

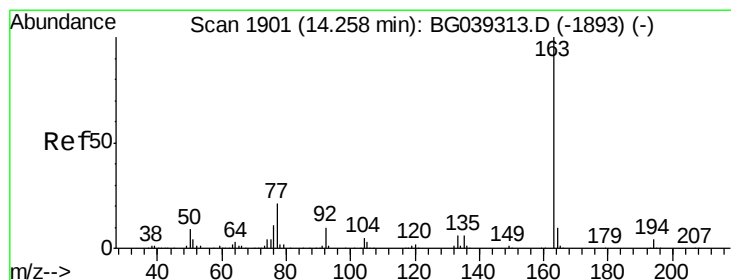
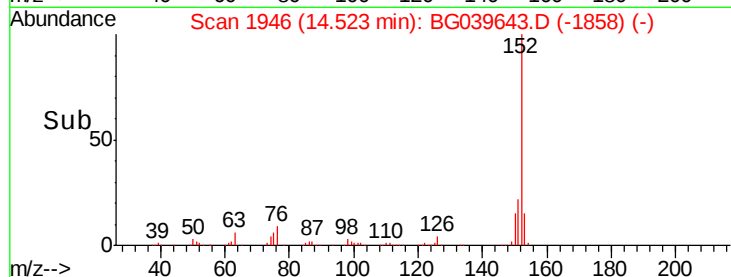
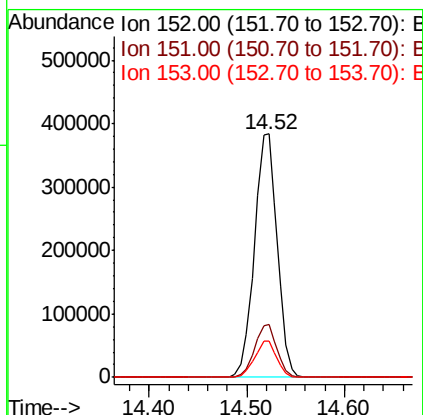
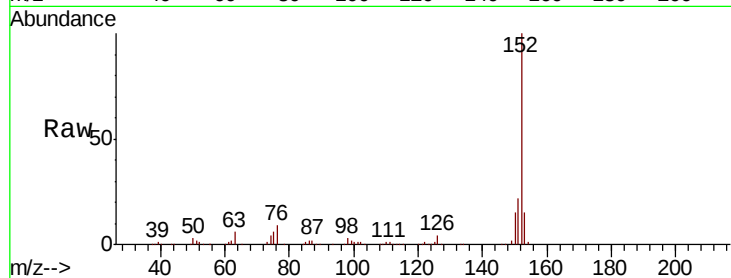
Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

Tgt Ion:	152	Resp:	632665
Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.8	25.2
153	14.8	11.7	17.5



#50

Dimethylphthalate

Concen: 43.011 ng

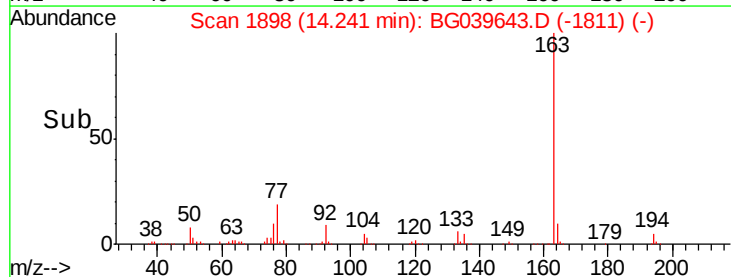
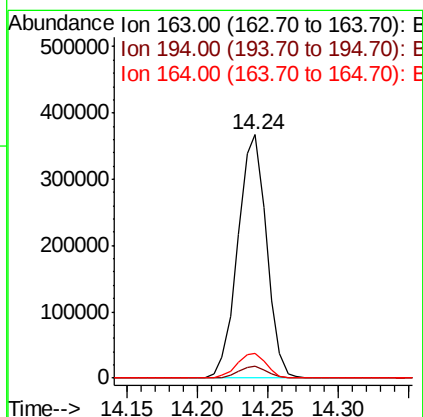
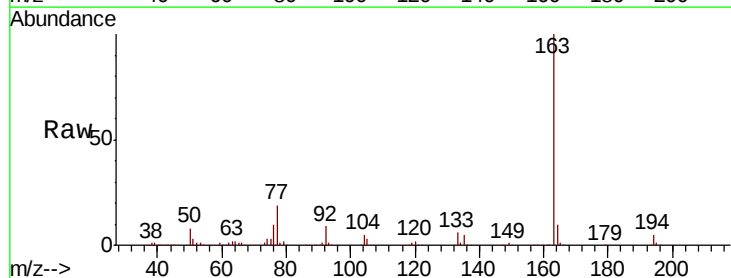
RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Tgt Ion:	163	Resp:	521400
Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.6	5.4
164	10.3	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 51.000 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

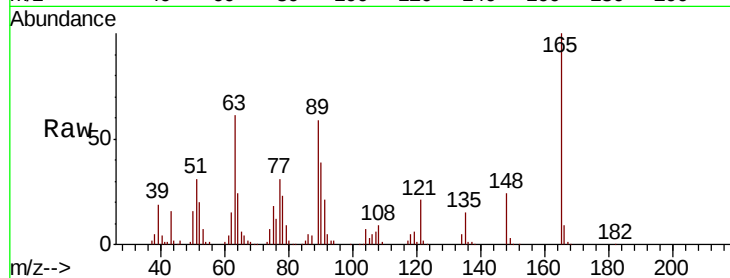
Tgt Ion:165 Resp: 116624

Ion Ratio Lower Upper

165 100

63 61.3 47.0 70.6

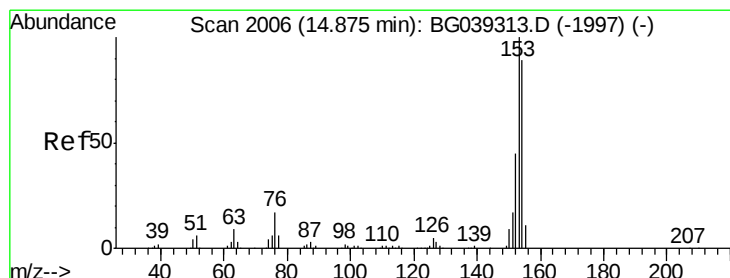
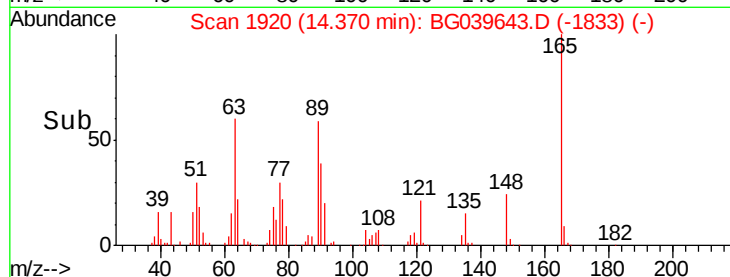
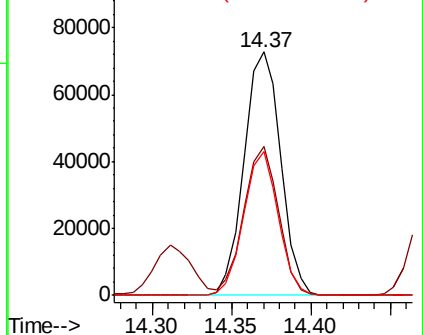
89 59.1 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 41.818 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

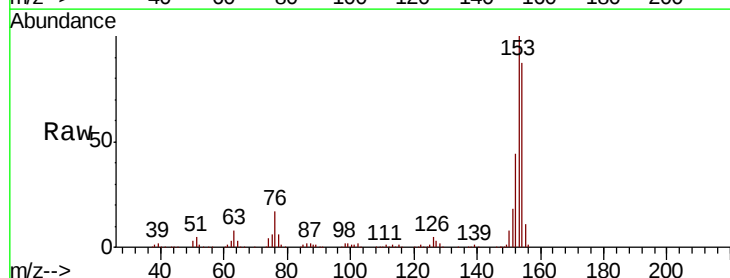
Tgt Ion:154 Resp: 384808

Ion Ratio Lower Upper

154 100

153 114.6 90.1 135.1

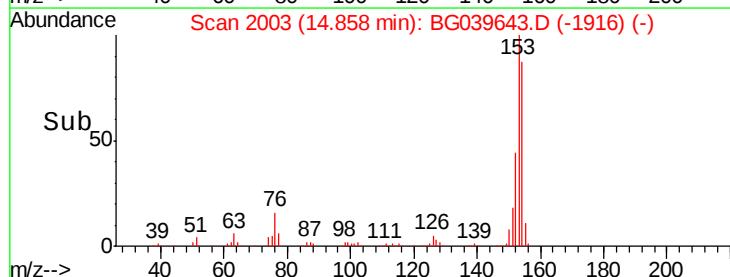
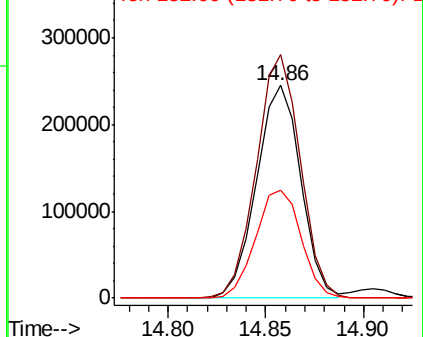
152 50.9 40.9 61.3

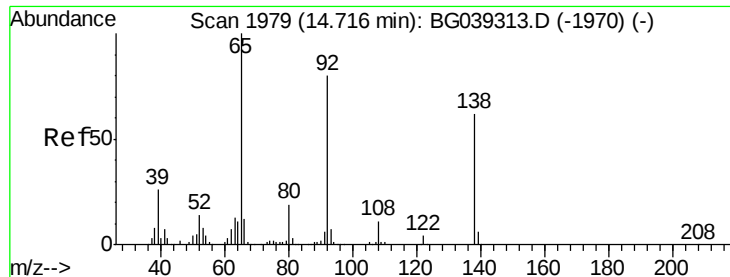


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

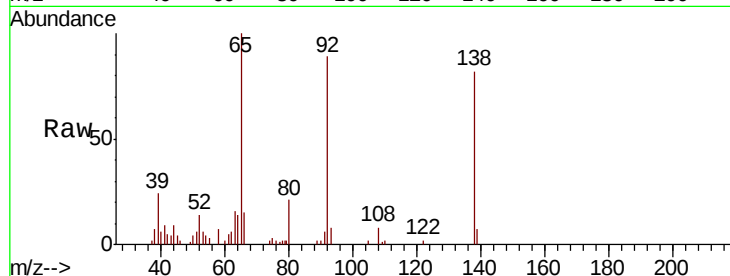




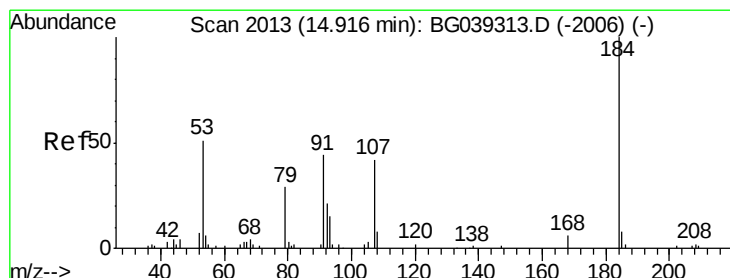
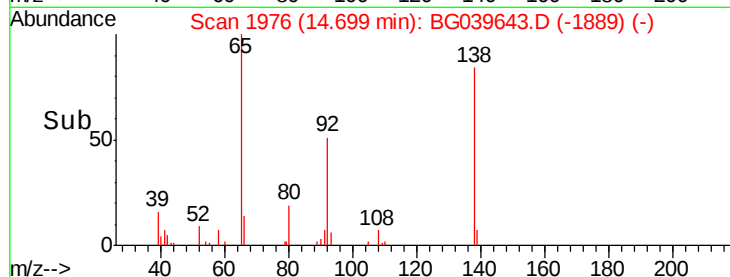
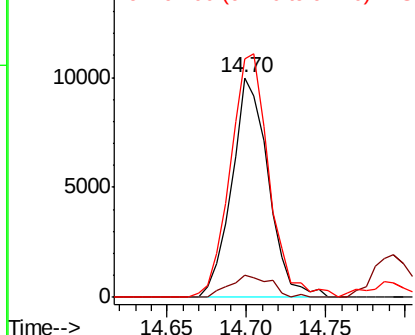
#53
 3-Nitroaniline
 Concen: 11.561 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.02 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MS

Tgt Ion:138 Resp: 16036
 Ion Ratio Lower Upper
 138 100
 108 10.1 13.8 20.8#
 92 108.7 103.7 155.5

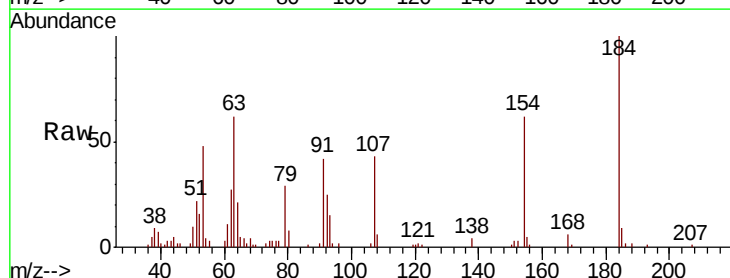


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

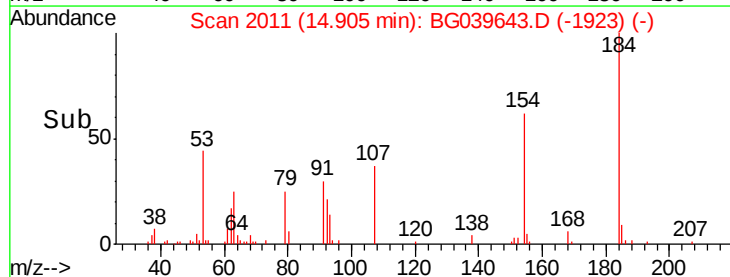
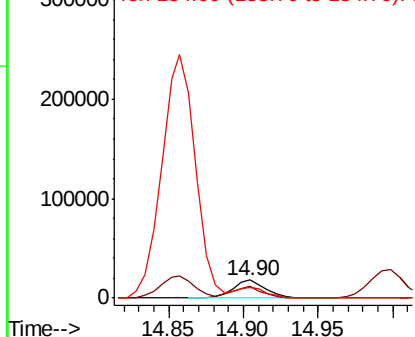


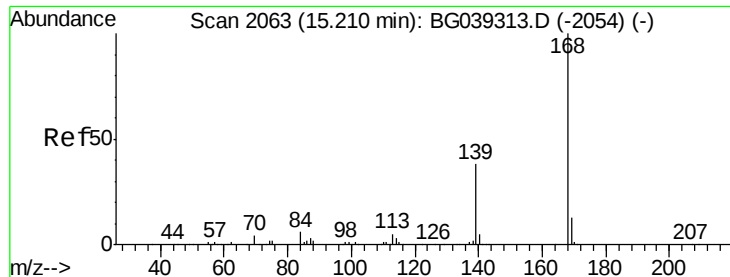
#54
 2,4-Dinitrophenol
 Concen: 38.093 ng
 RT: 14.90 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Tgt Ion:184 Resp: 28102
 Ion Ratio Lower Upper
 184 100
 63 62.2 50.9 76.3
 154 61.6 53.0 79.6



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: 42.203 ng

RT: 15.19 min Scan# 2059

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

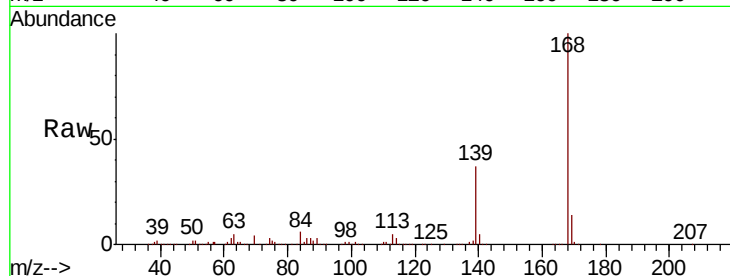
Tgt Ion:168 Resp: 622665

Ion Ratio Lower Upper

168 100

139 37.2 30.1 45.1

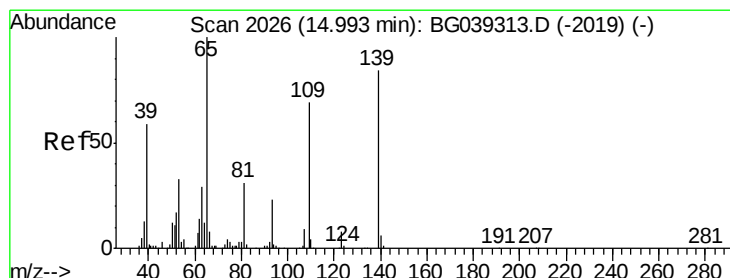
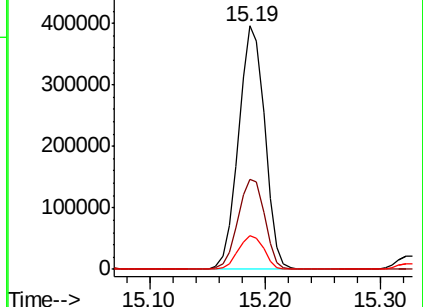
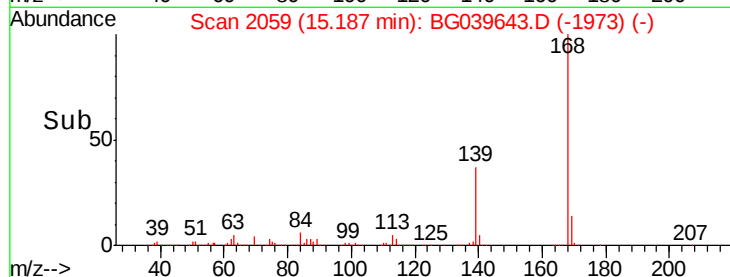
169 13.8 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 72.474 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

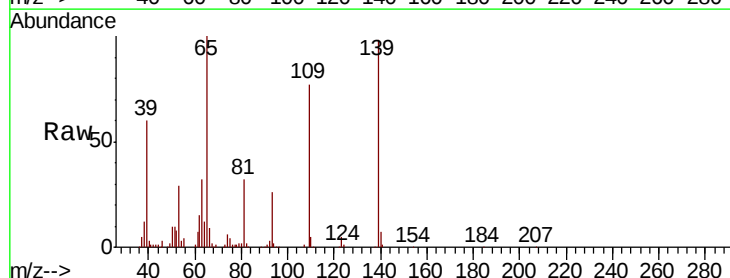
Tgt Ion:139 Resp: 157566

Ion Ratio Lower Upper

139 100

109 78.0 61.9 101.9

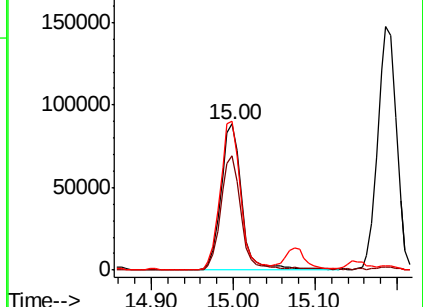
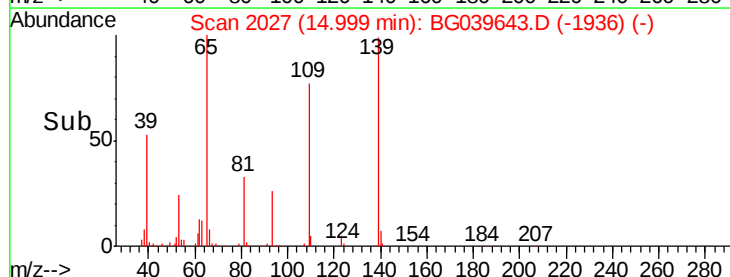
65 101.9 99.1 139.1



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

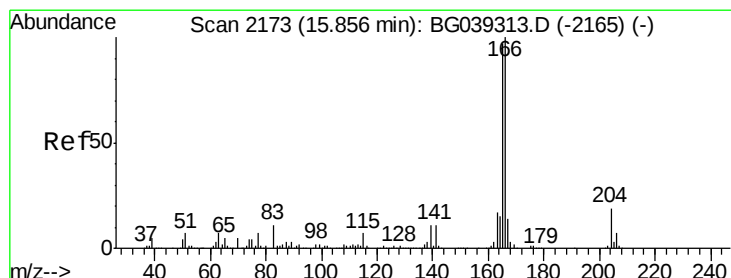
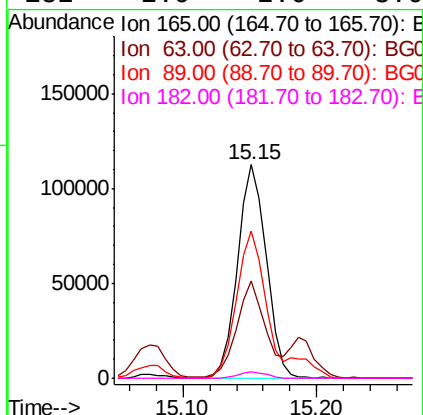
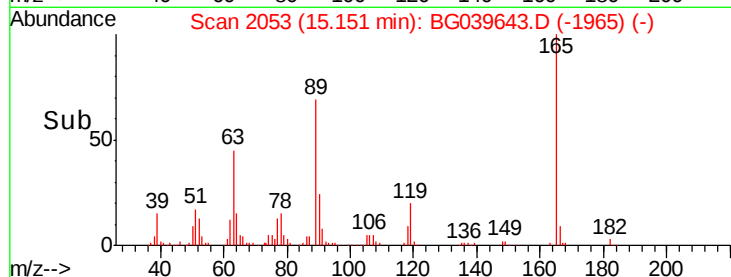
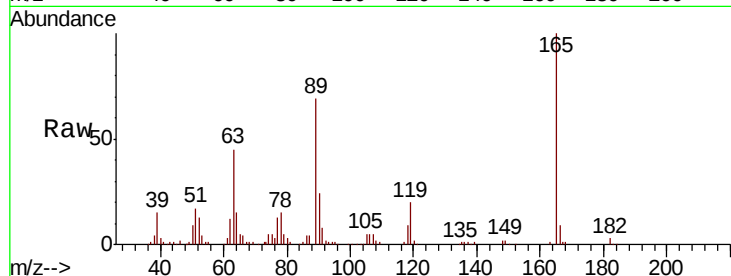




#57
2,4-Dinitrotoluene
Concen: 56.087 ng
RT: 15.15 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

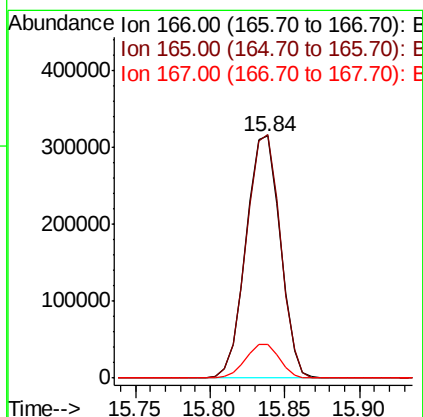
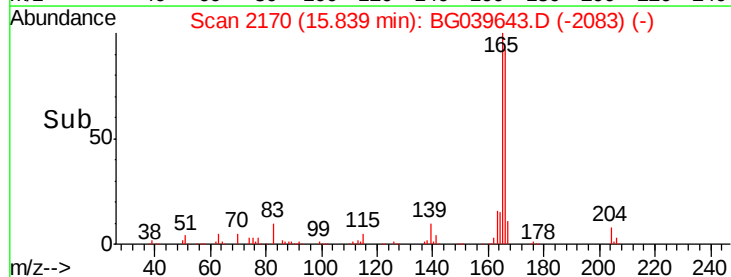
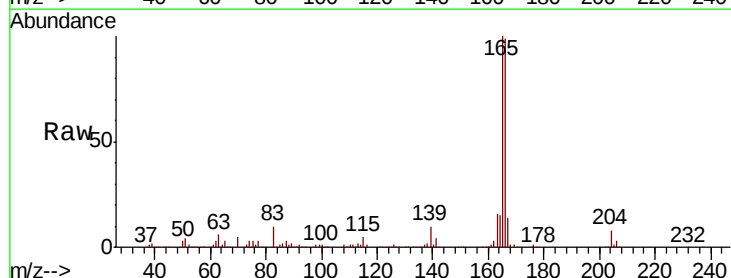
Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tgt Ion:	165	Resp:	167347
Ion	Ratio	Lower	Upper
165	100		
63	45.5	41.0	61.6
89	68.9	64.6	96.8
182	2.9	2.0	3.0



#58
Fluorene
Concen: 45.291 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion:	166	Resp:	498135
Ion	Ratio	Lower	Upper
166	100		
165	100.7	77.9	116.9
167	13.8	10.8	16.2

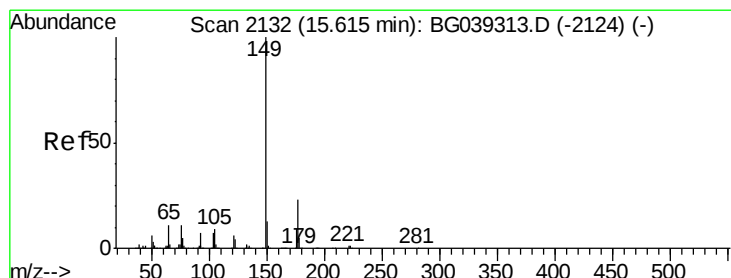
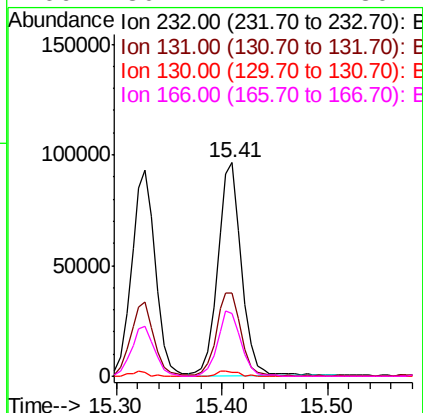
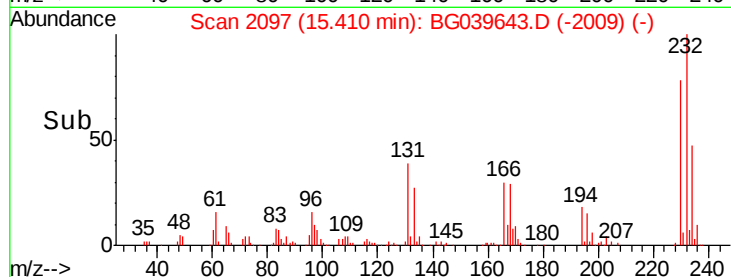
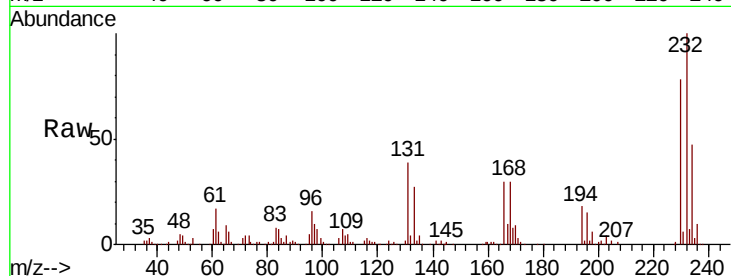




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.079 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

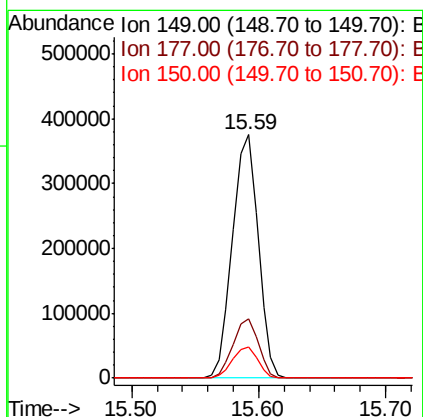
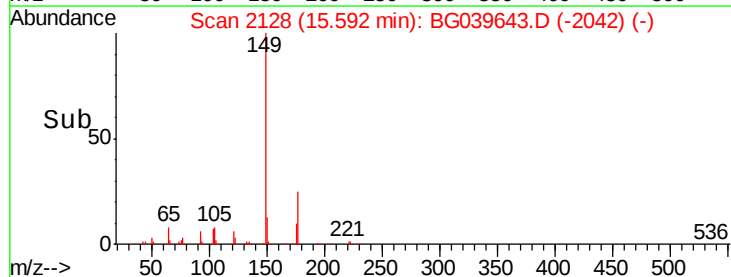
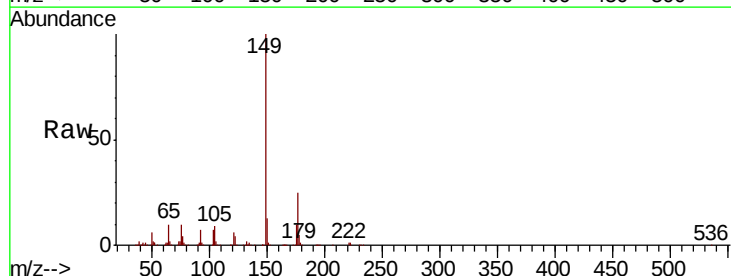
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.2	34.9	52.3
130	2.2	2.0	3.0
166	30.4	24.1	36.1



#60
 Diethylphthalate
 Concen: 41.975 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.3	27.5
150	12.6	10.2	15.2

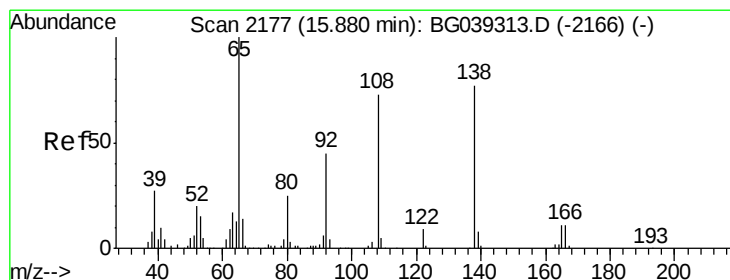
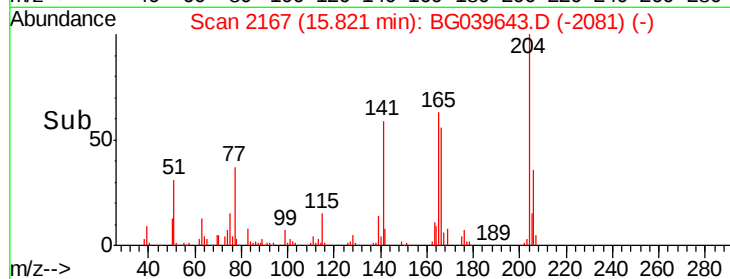
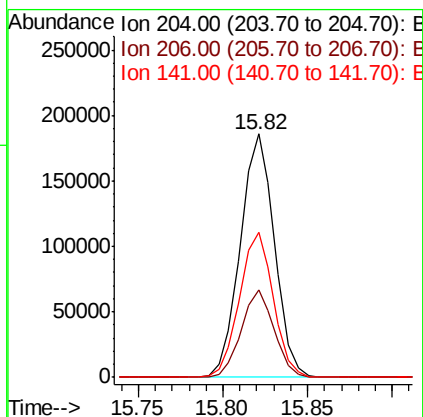
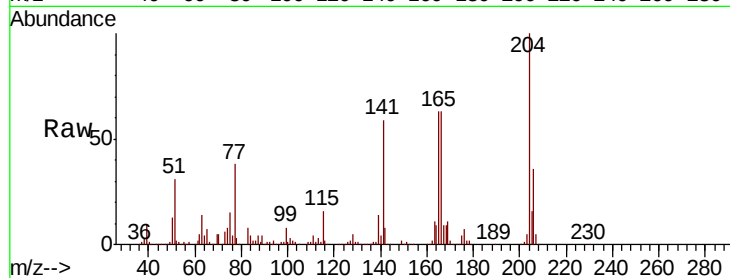




#61
 4-Chlorophenyl-phenylether
 Concen: 41.842 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.02 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

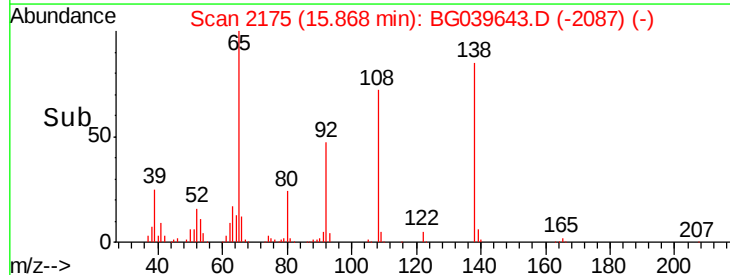
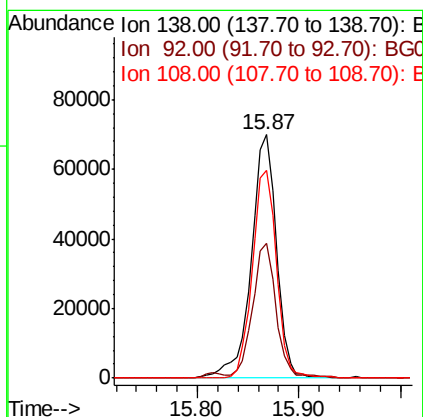
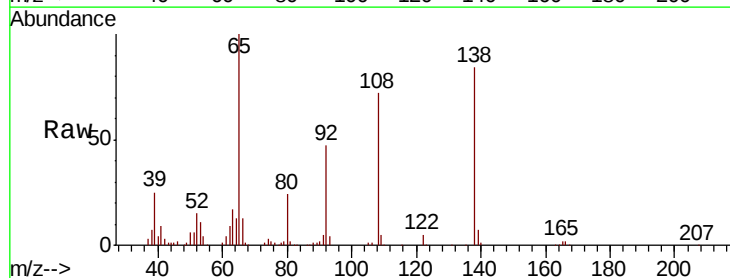
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MS

Tgt Ion: 204 Resp: 260578
 Ion Ratio Lower Upper
 204 100
 206 35.9 29.2 43.8
 141 59.4 49.0 73.4



#62
 4-Nitroaniline
 Concen: 47.742 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Tgt Ion: 138 Resp: 121302
 Ion Ratio Lower Upper
 138 100
 92 55.4 38.7 78.7
 108 85.2 74.6 114.6

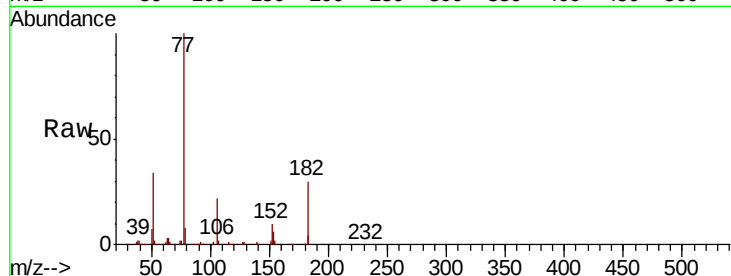




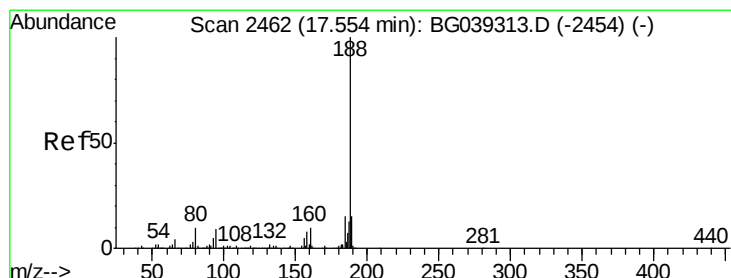
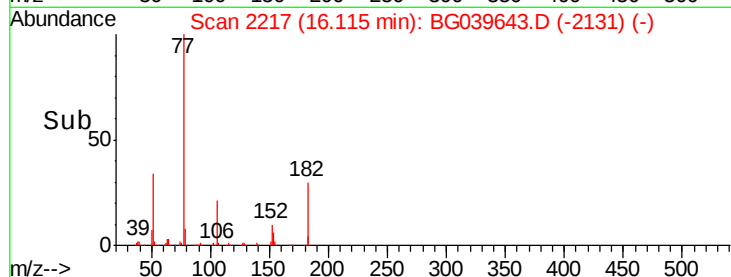
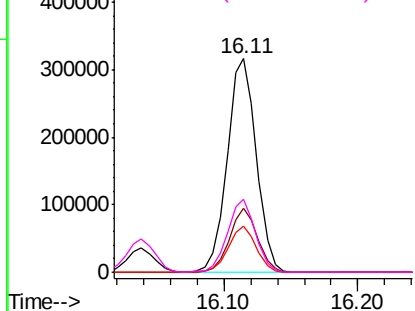
#63
Azobenzene
Concen: 39.122 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tgt Ion:	77	Resp:	479272
Ion	Ratio	Lower	Upper
77	100		
182	29.9	6.4	46.4
105	21.7	0.0	39.8
51	34.0	14.1	54.1

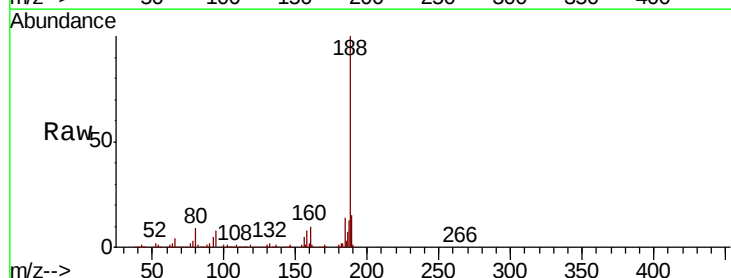


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

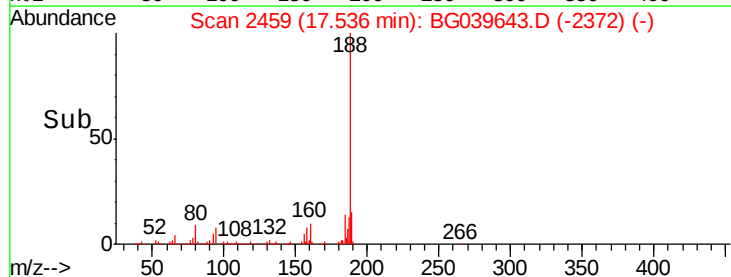
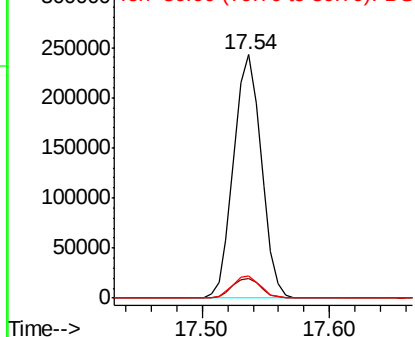


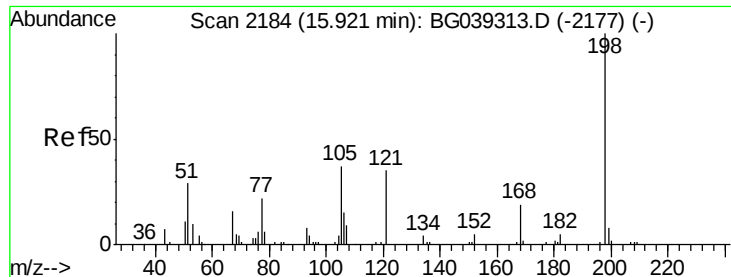
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion:	188	Resp:	369062
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.4	8.1	12.1



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: 31.879 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

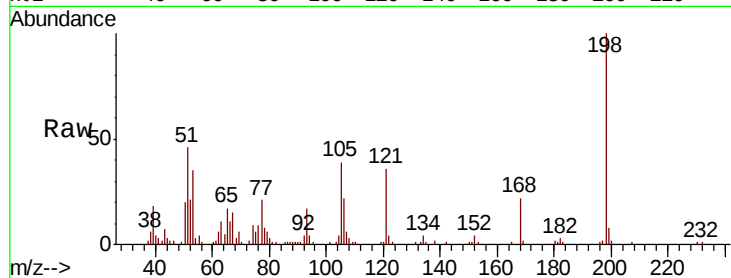
Tgt Ion:198 Resp: 39458

Ion Ratio Lower Upper

198 100

51 46.1 27.4 67.4

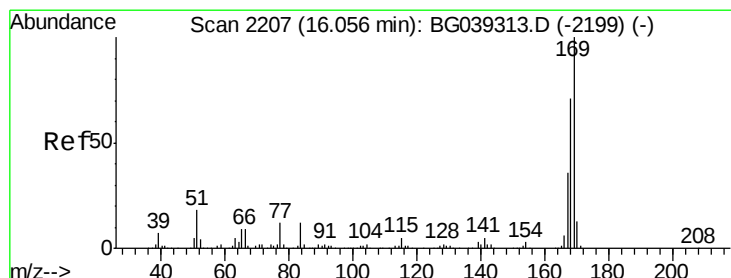
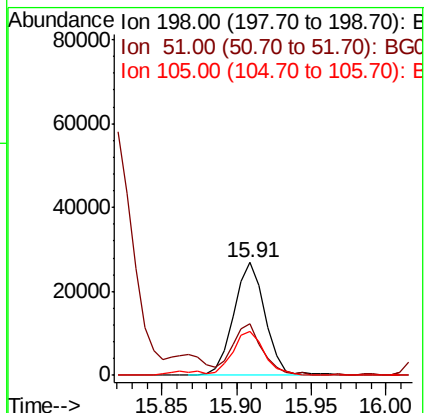
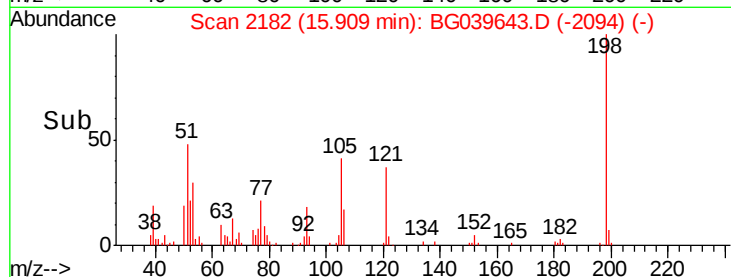
105 38.6 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039643.D (-2177) (-)

Ion 105.00 (104.70 to 105.70): BG039643.D (-2177) (-)



#66

n-Nitrosodiphenylamine

Concen: 41.450 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

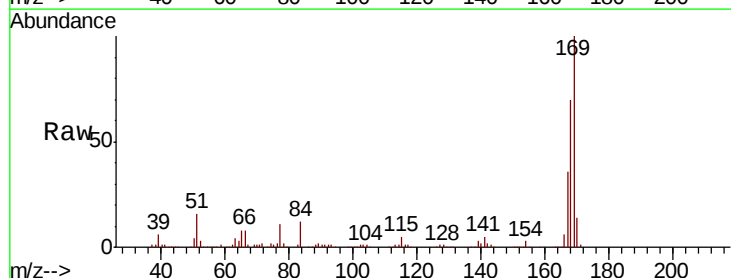
Tgt Ion:169 Resp: 465149

Ion Ratio Lower Upper

169 100

168 70.0 56.6 85.0

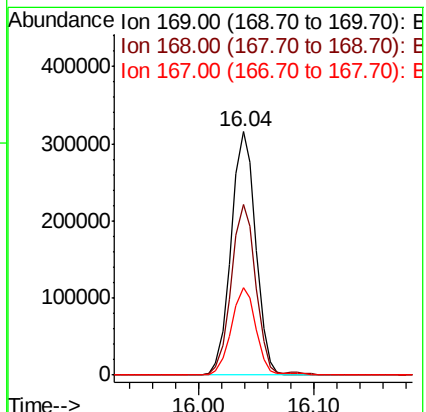
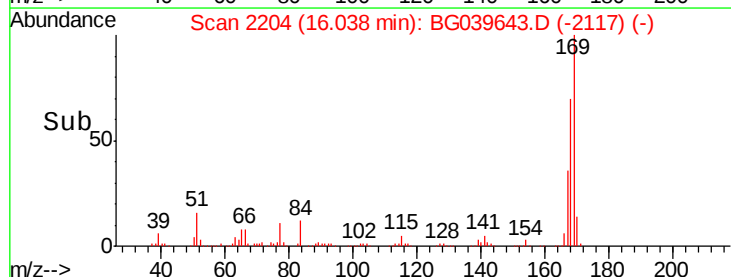
167 36.0 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG039643.D (-2199) (-)

Ion 167.00 (166.70 to 167.70): BG039643.D (-2199) (-)

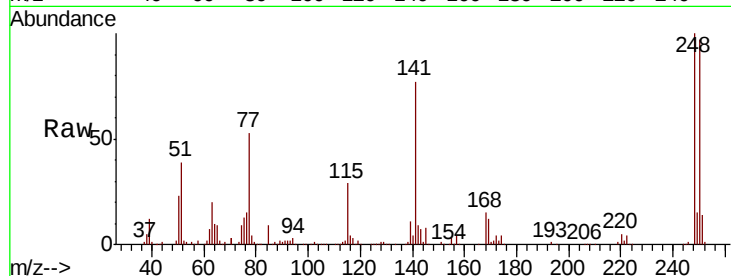




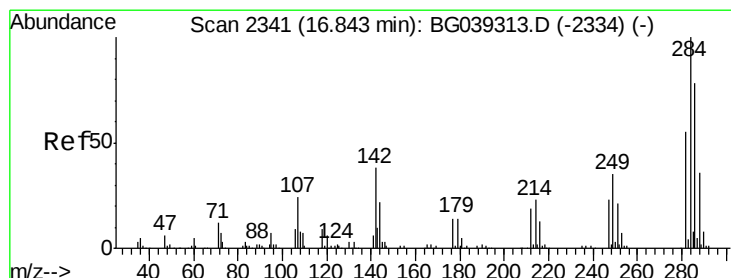
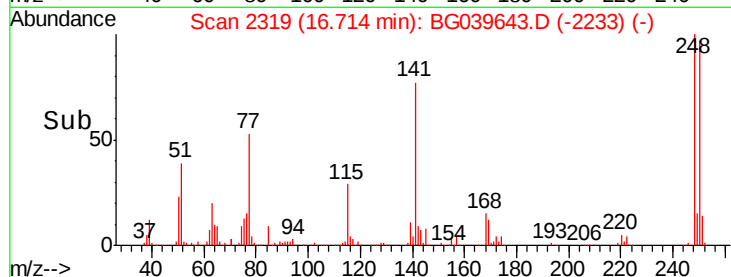
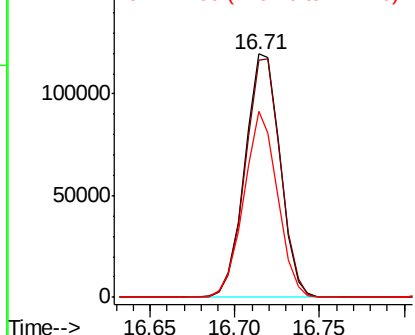
#67
 4-Bromophenyl-phenylether
 Concen: 42.293 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.02 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MS

Tgt Ion:248 Resp: 173161
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.6 116.4
 141 76.6 63.9 95.9

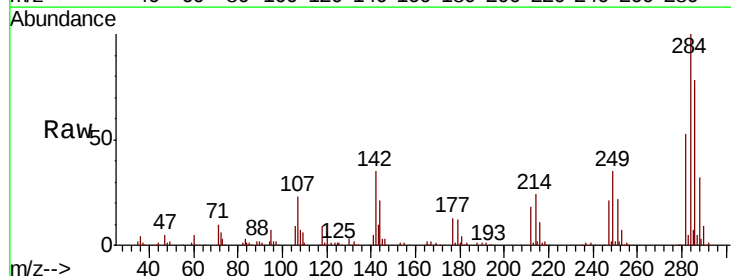


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

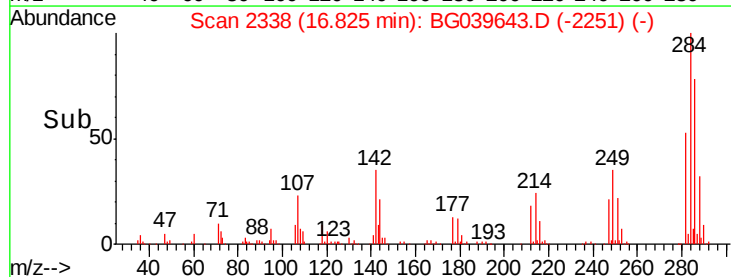
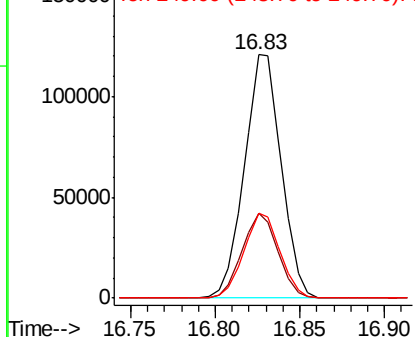


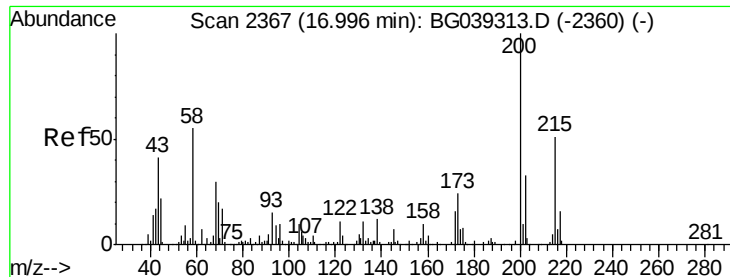
#68
 Hexachlorobenzene
 Concen: 44.528 ng
 RT: 16.83 min Scan# 2338
 Delta R.T. -0.02 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Tgt Ion:284 Resp: 182915
 Ion Ratio Lower Upper
 284 100
 142 34.9 30.6 45.8
 249 34.8 28.2 42.2



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





#69

Atrazine

Concen: 42.119 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

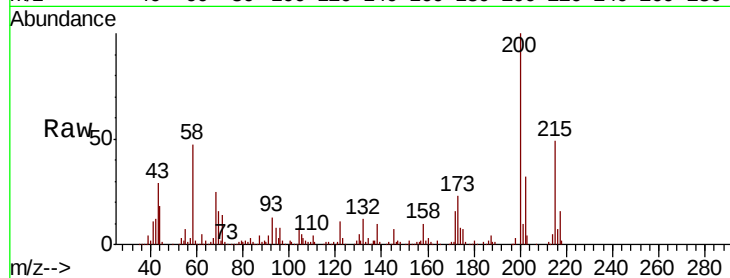
Tgt Ion:200 Resp: 172726

Ion Ratio Lower Upper

200 100

173 22.8 3.9 43.9

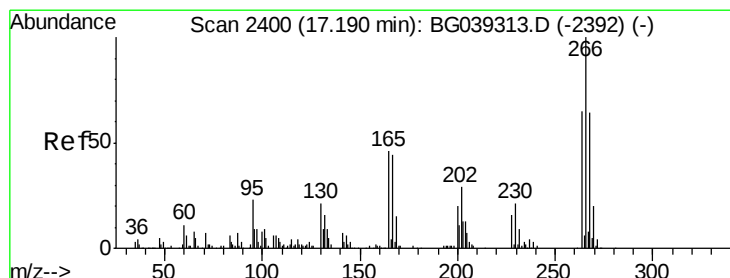
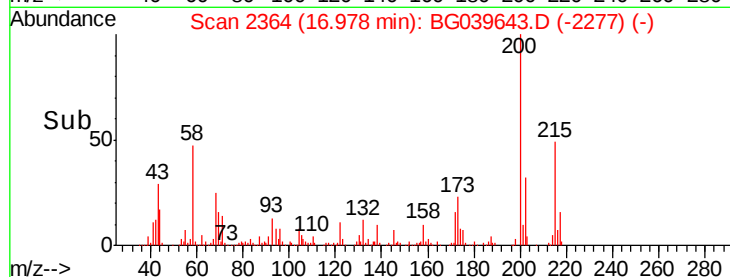
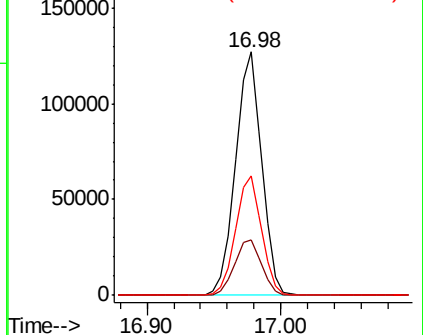
215 49.3 30.9 70.9



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: 44.754 ng

RT: 17.17 min Scan# 2397

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

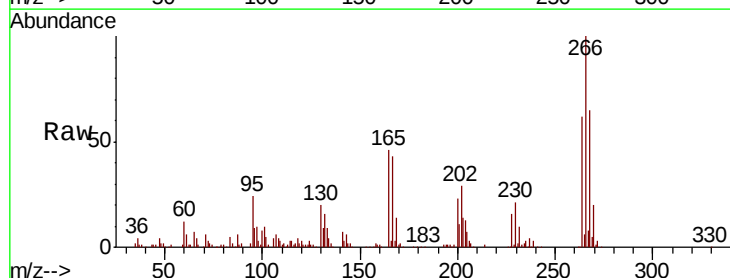
Tgt Ion:266 Resp: 127774

Ion Ratio Lower Upper

266 100

268 64.5 51.1 76.7

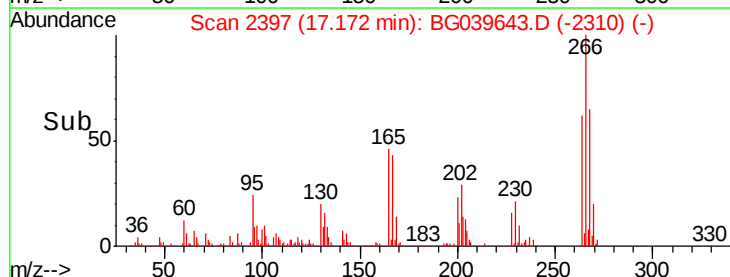
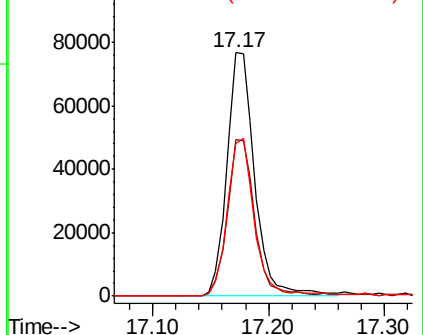
264 62.5 52.1 78.1



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

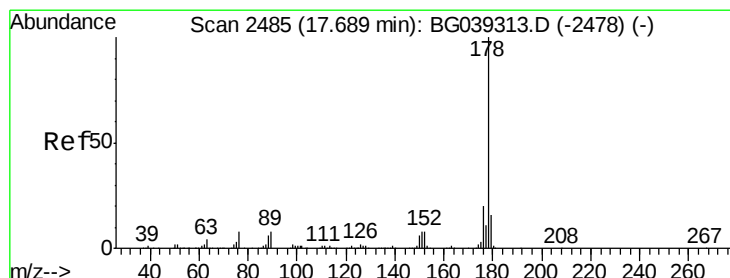
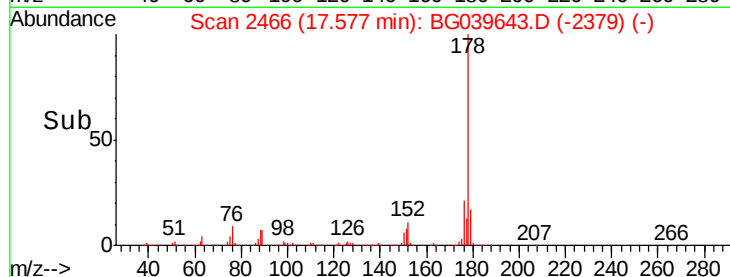
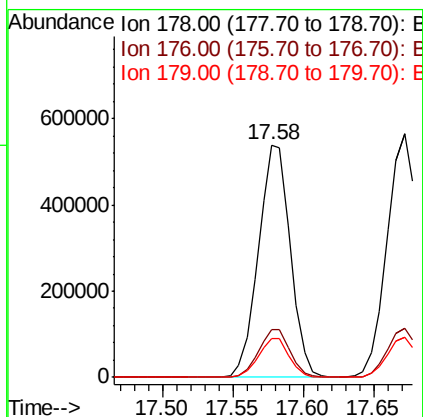
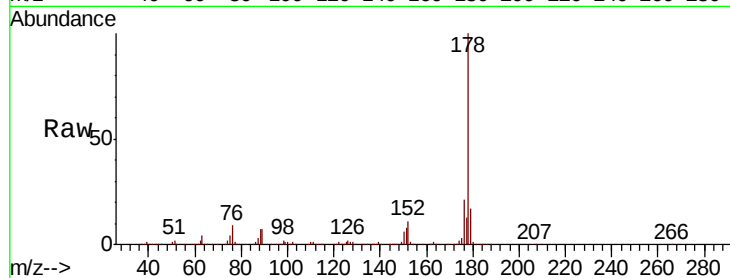




#71
Phenanthrene
Concen: 44.892 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

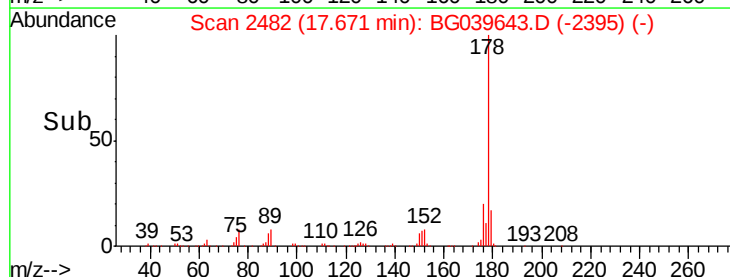
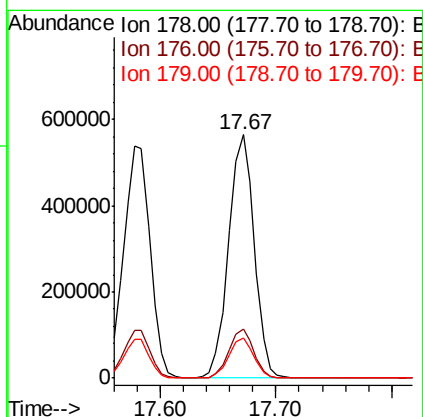
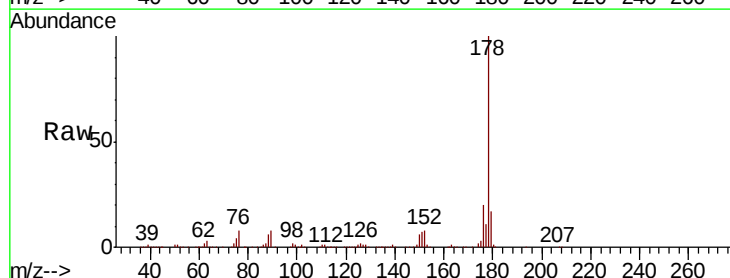
Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tgt Ion:178 Resp: 857507
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.6 12.6 19.0



#72
Anthracene
Concen: 46.036 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion:178 Resp: 866164
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.6
179 16.6 12.5 18.7





#73

Carbazole

Concen: 40.915 ng

RT: 17.94 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

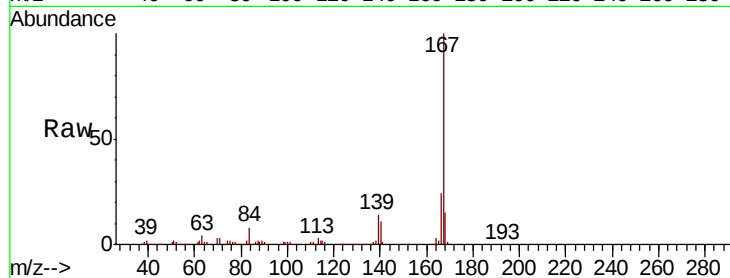
Tgt Ion:167 Resp: 768271

Ion Ratio Lower Upper

167 100

166 23.5 19.4 29.2

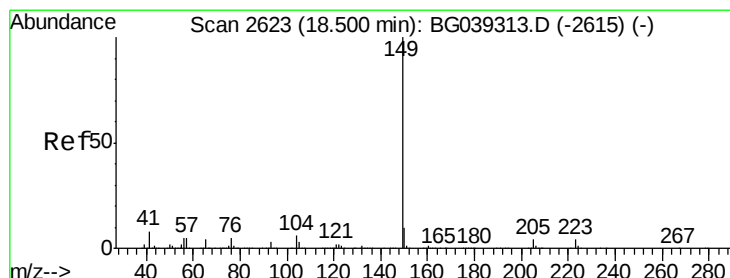
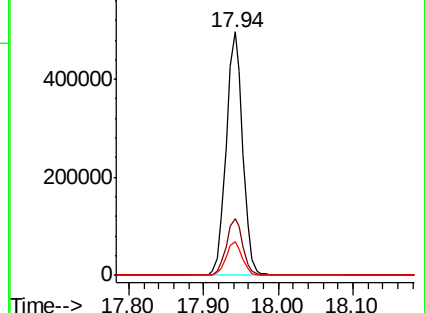
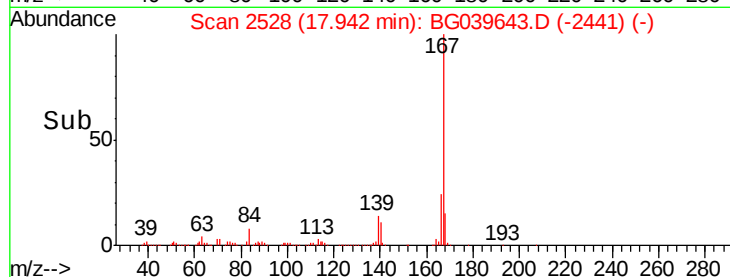
139 13.9 10.8 16.2



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: 42.289 ng

RT: 18.47 min Scan# 2618

Delta R.T. -0.03 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

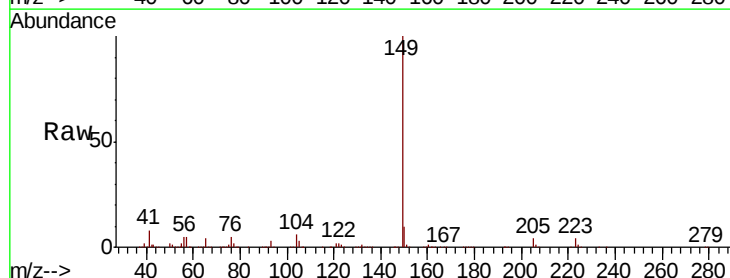
Tgt Ion:149 Resp: 926391

Ion Ratio Lower Upper

149 100

150 10.0 7.7 11.5

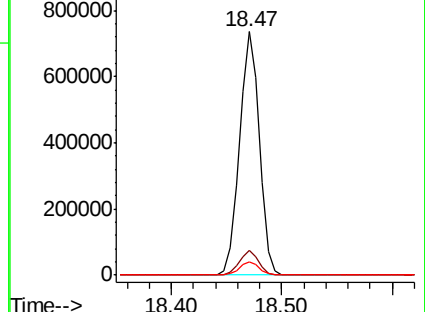
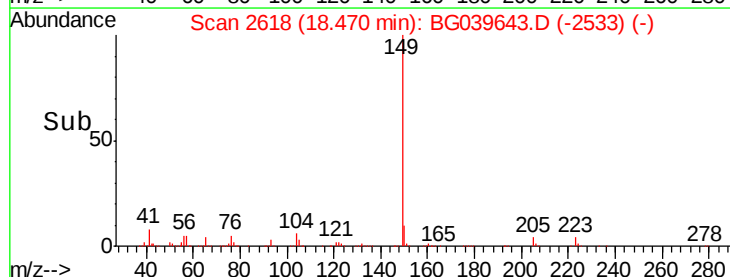
104 5.5 4.5 6.7

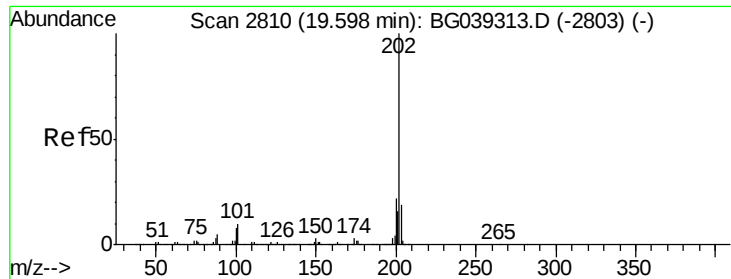


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.560 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

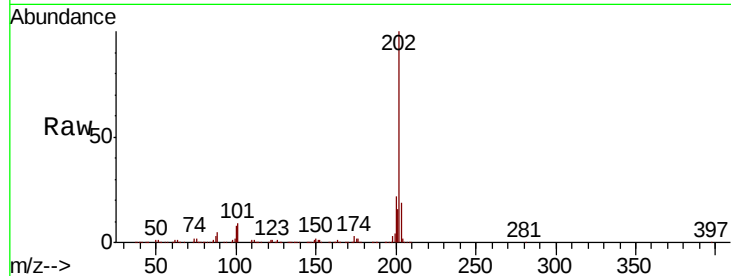
Tgt Ion:202 Resp: 1032268

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.0

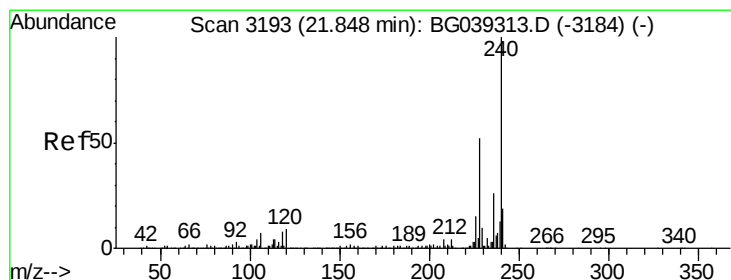
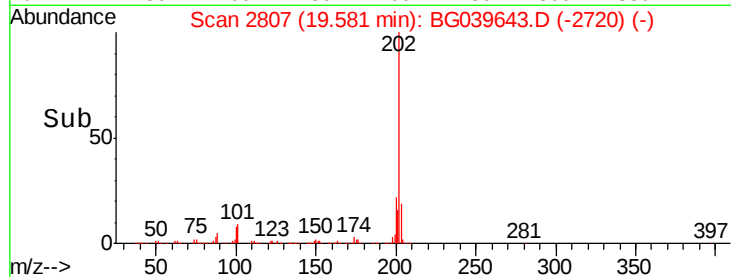
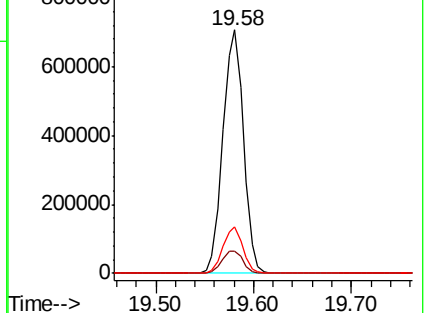
203 19.0 0.0 38.9



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: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

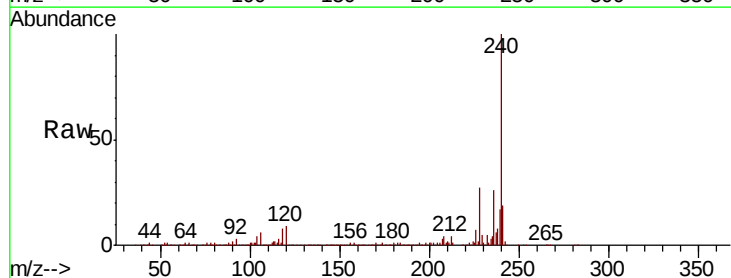
Tgt Ion:240 Resp: 378403

Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.6

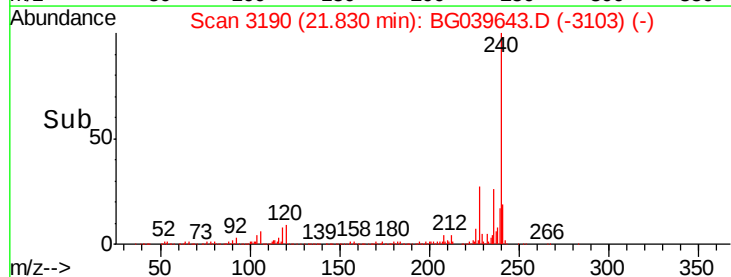
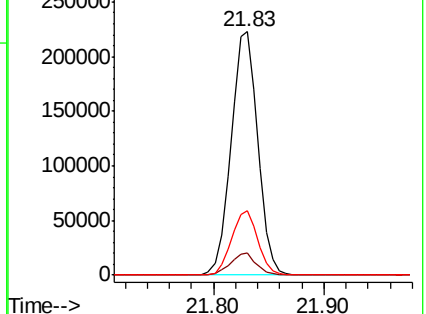
236 26.2 21.0 31.4

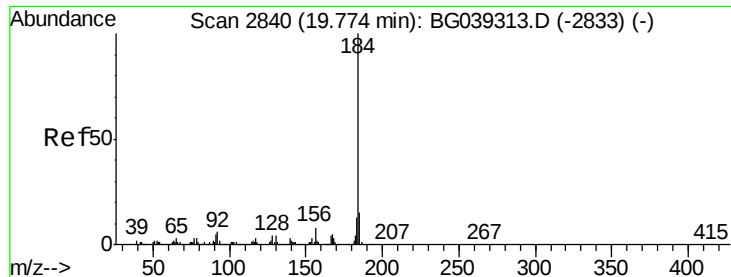


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.733 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

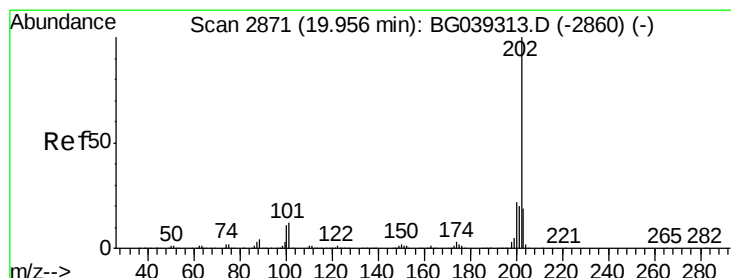
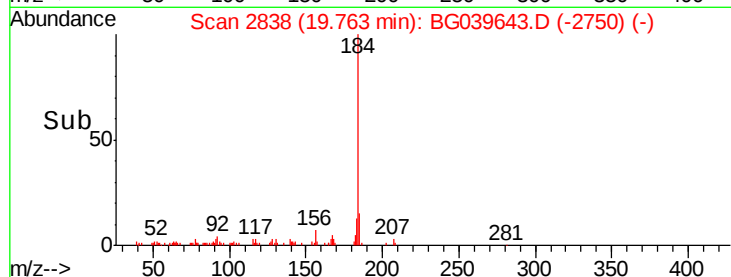
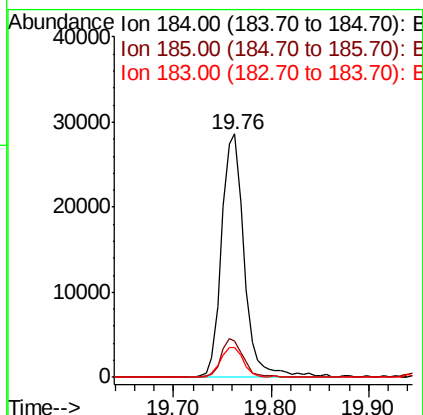
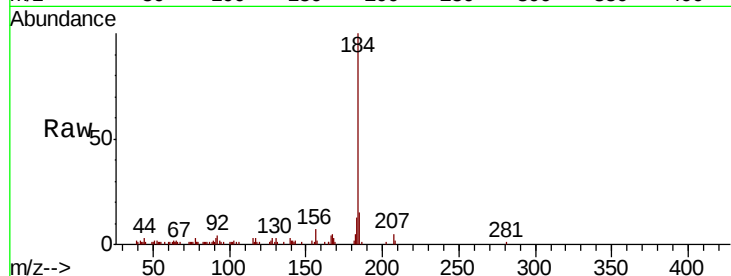
Tgt Ion:184 Resp: 46312

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

183 12.5 10.6 15.8



#78

Pyrene

Concen: 44.366 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

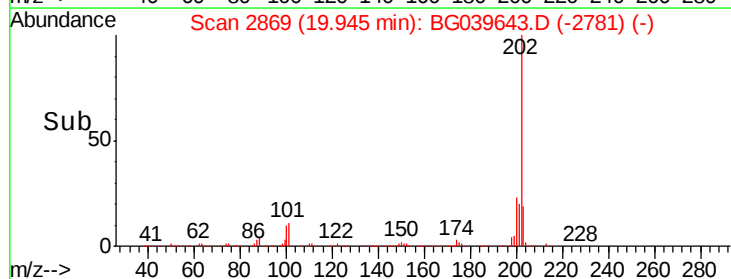
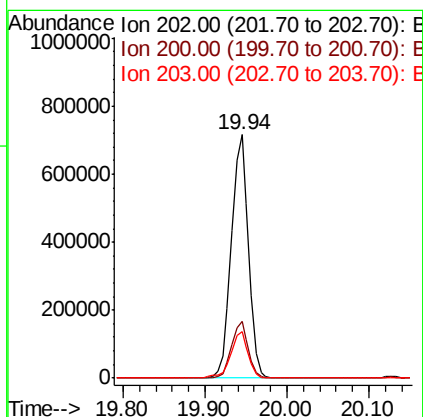
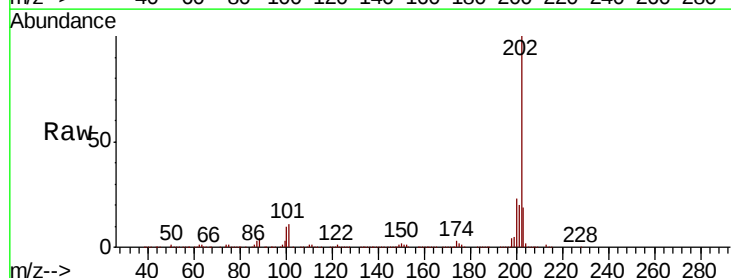
Tgt Ion:202 Resp: 1045103

Ion Ratio Lower Upper

202 100

200 23.1 17.8 26.8

203 19.2 15.3 22.9





#79

Terphenyl-d14

Concen: 88.397 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

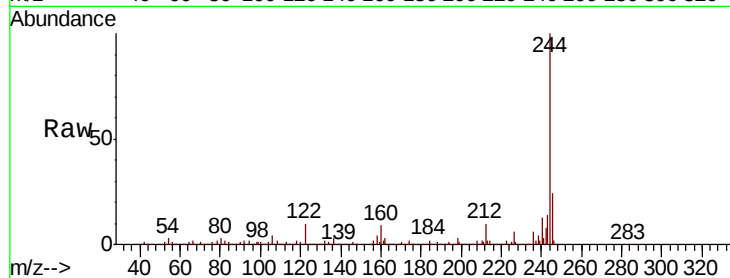
Tgt Ion:244 Resp: 1580287

Ion Ratio Lower Upper

244 100

212 9.9 7.3 10.9

122 10.2 8.4 12.6

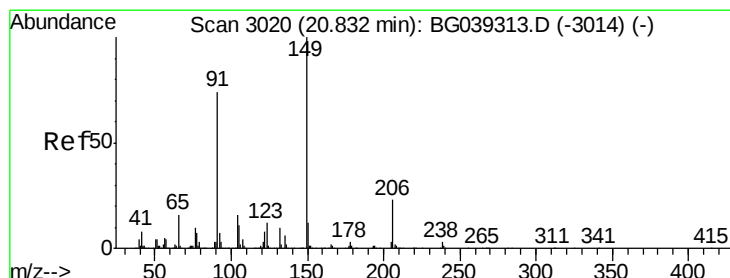
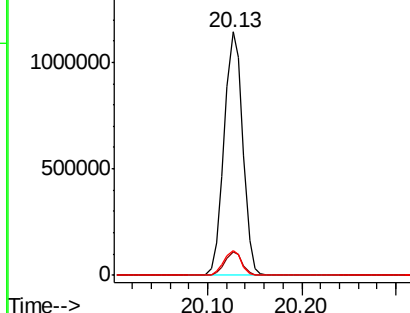
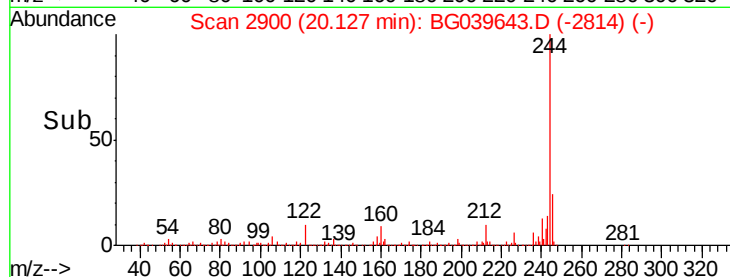


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.189 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

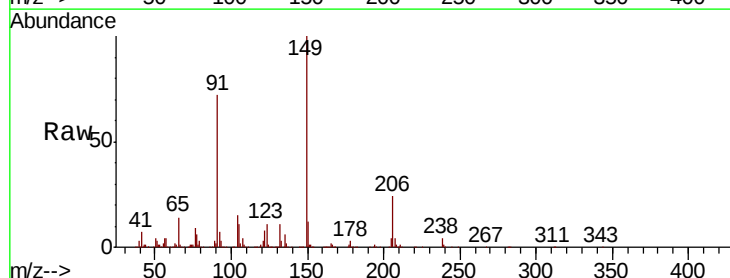
Tgt Ion:149 Resp: 439107

Ion Ratio Lower Upper

149 100

91 71.6 59.5 89.3

206 24.3 18.6 27.8

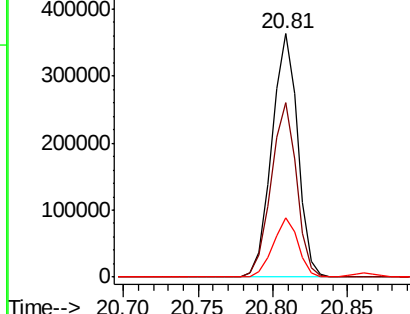
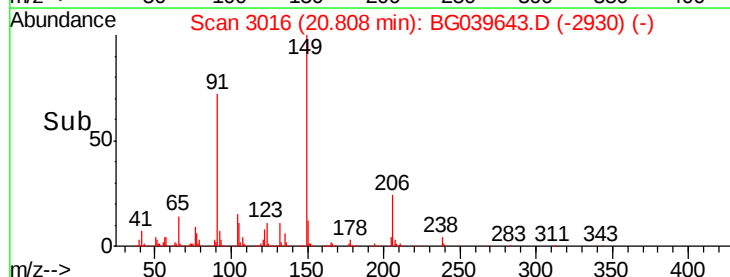


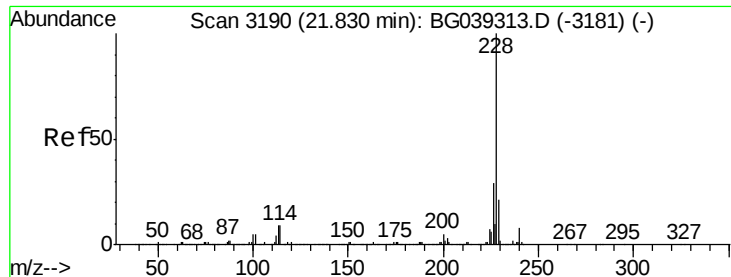
Abundance

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

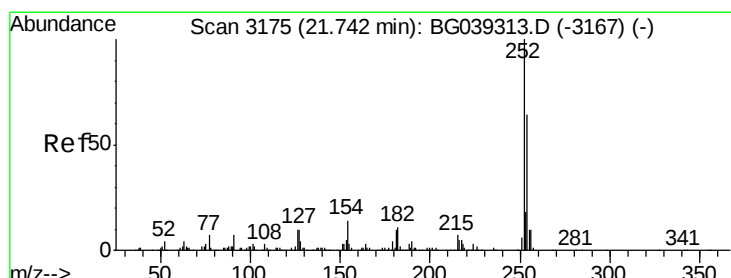
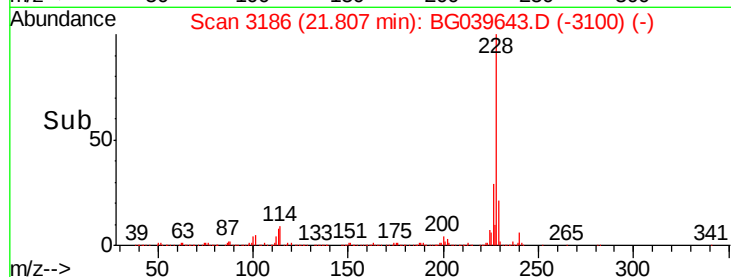
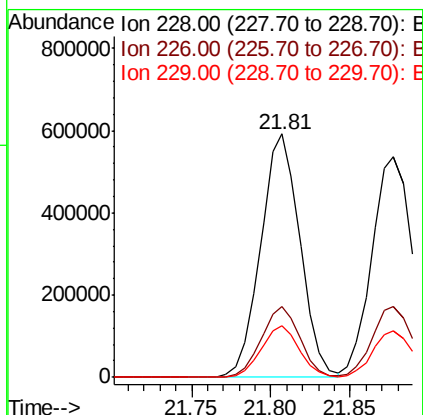
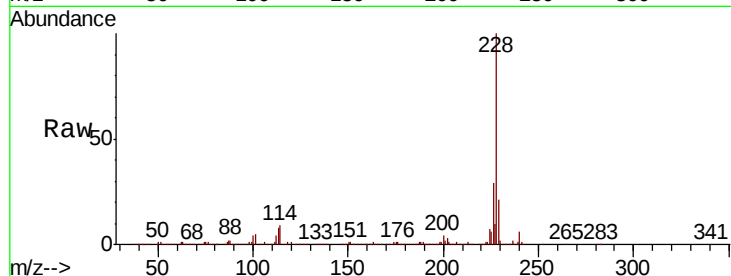




#81
Benzo(a)anthracene
Concen: 45.652 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

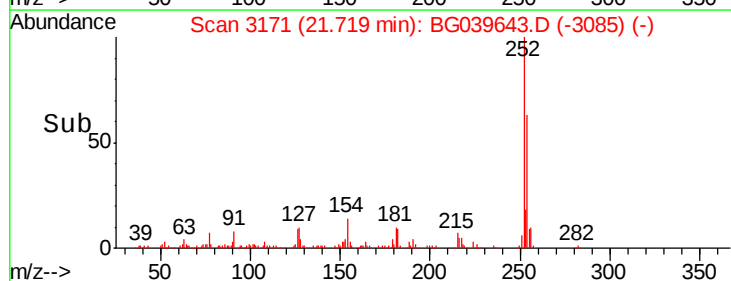
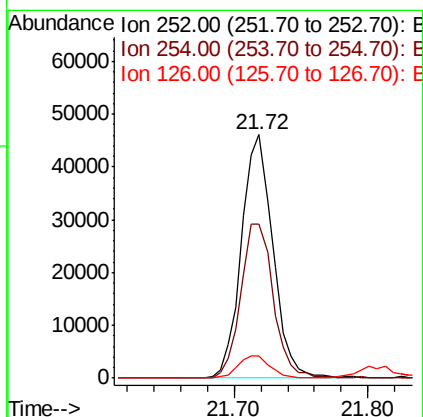
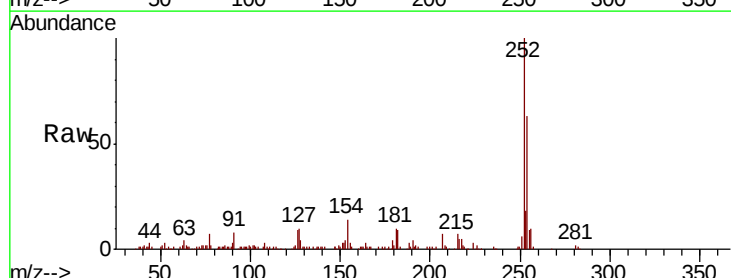
Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

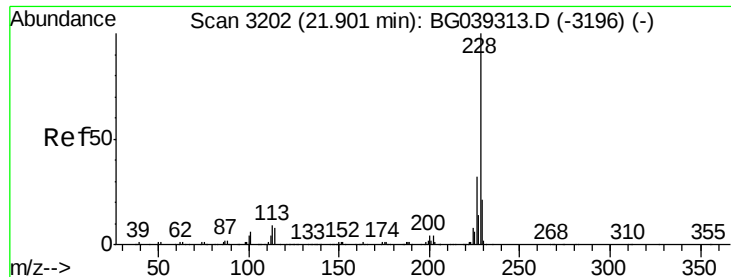
Tgt Ion:228 Resp: 1020752
Ion Ratio Lower Upper
228 100
226 29.1 23.0 34.6
229 21.4 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 9.035 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion:252 Resp: 74906
Ion Ratio Lower Upper
252 100
254 63.5 51.3 76.9
126 9.1 8.0 12.0





#83

Chrysene

Concen: 44.766 ng

RT: 21.88 min Scan# 3198

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

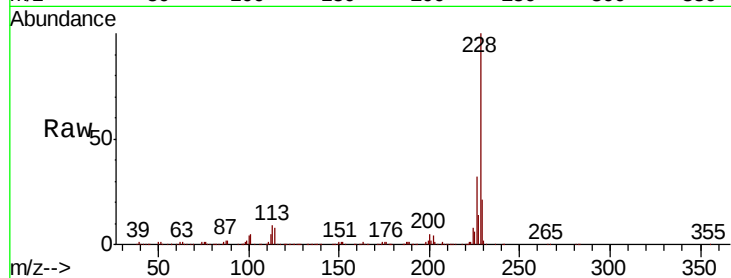
Tgt Ion:228 Resp: 952847

Ion Ratio Lower Upper

228 100

226 32.1 25.8 38.6

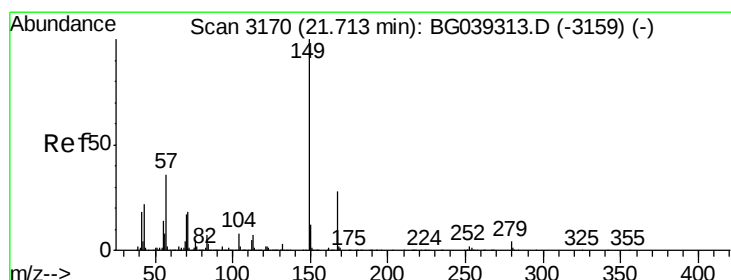
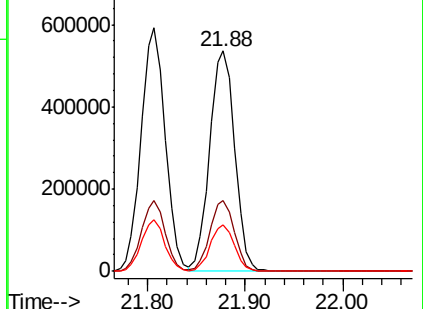
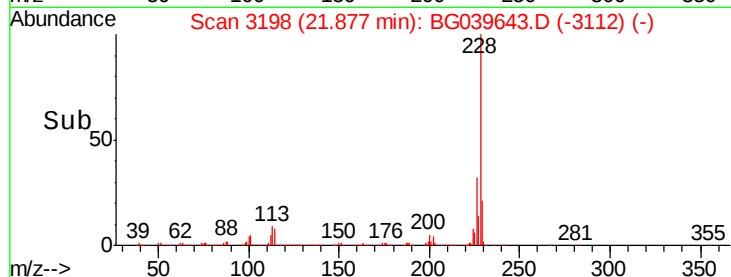
229 20.9 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.279 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

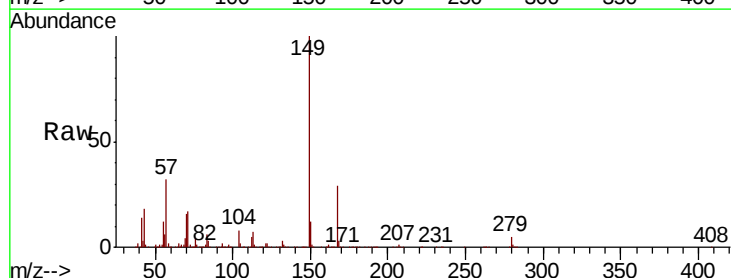
Tgt Ion:149 Resp: 613556

Ion Ratio Lower Upper

149 100

167 28.9 22.6 34.0

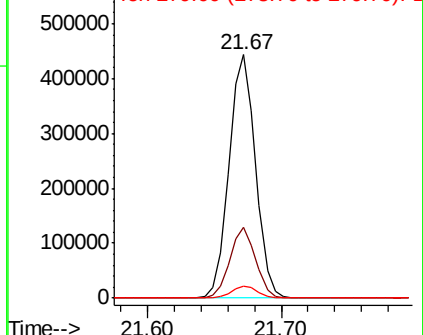
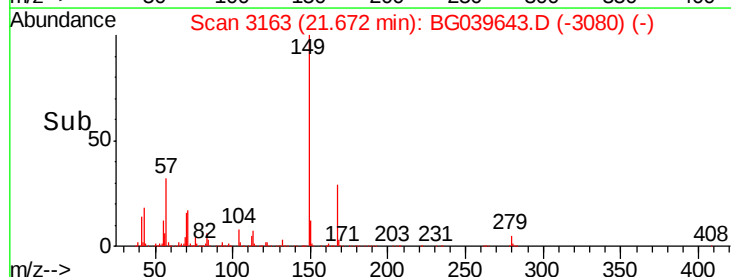
279 5.0 3.5 5.3



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

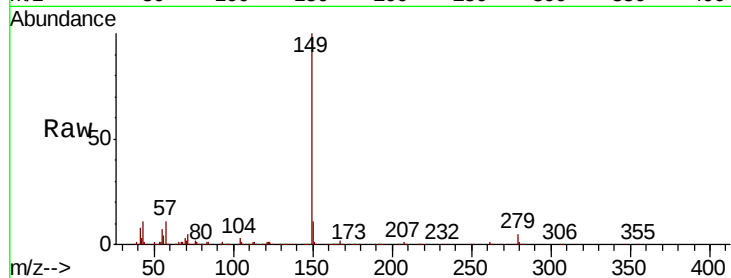




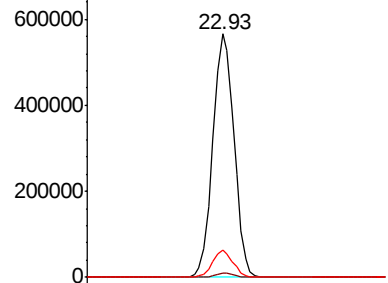
#85
Di-n-octyl phthalate
Concen: 44.603 ng
RT: 22.93 min Scan# 3377
Delta R.T. -0.06 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

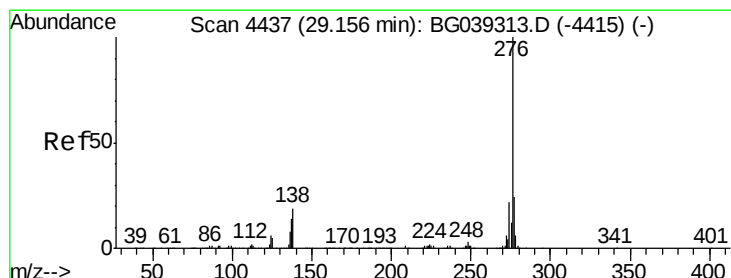
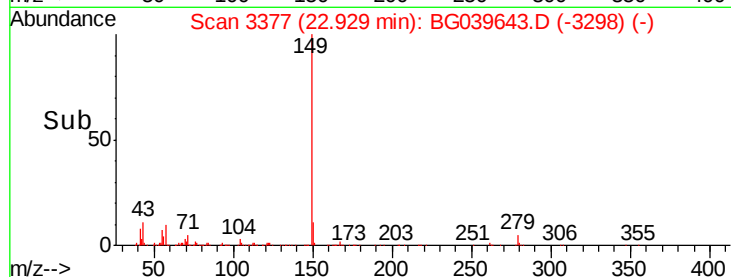
Tgt Ion:149 Resp: 1044663
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.7 10.2 15.4



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

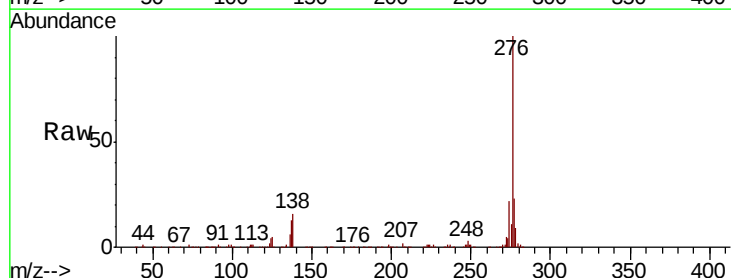


Time--> 22.80 22.90 23.00 23.10

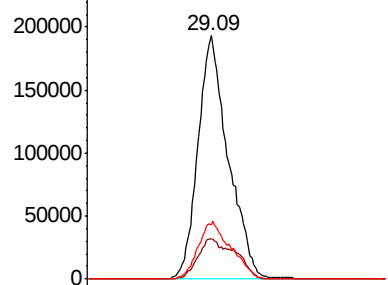


#86
Indeno(1,2,3-cd)pyrene
Concen: 51.094 ng
RT: 29.09 min Scan# 4426
Delta R.T. -0.06 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

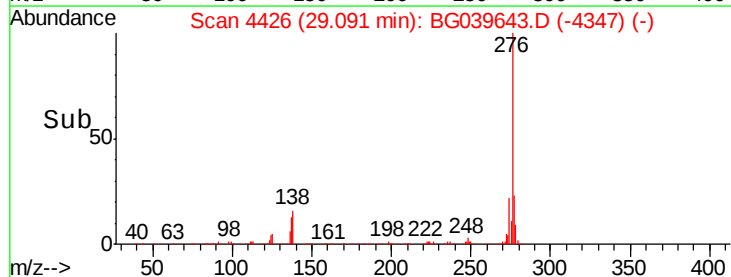
Tgt Ion:276 Resp: 1166836
Ion Ratio Lower Upper
276 100
138 20.5 12.6 19.0#
277 25.5 20.8 31.2



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



Time--> 28.80 29.00 29.20 29.40





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

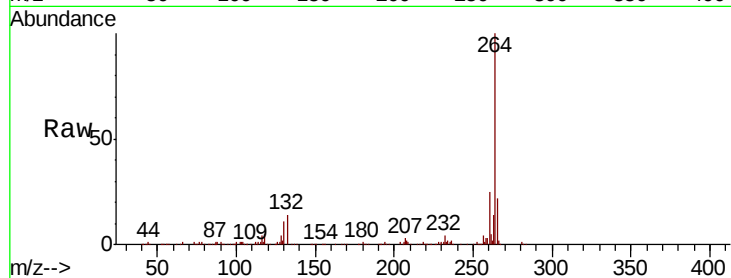
Tgt Ion:264 Resp: 395881

Ion Ratio Lower Upper

264 100

260 25.5 18.2 27.4

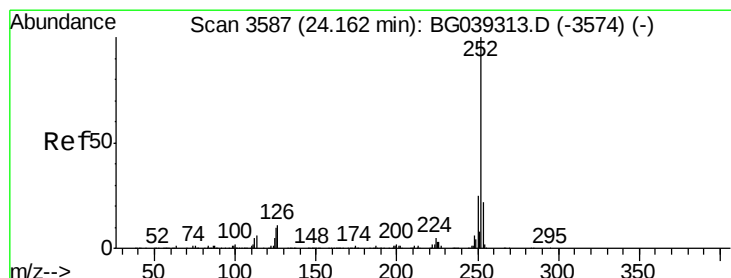
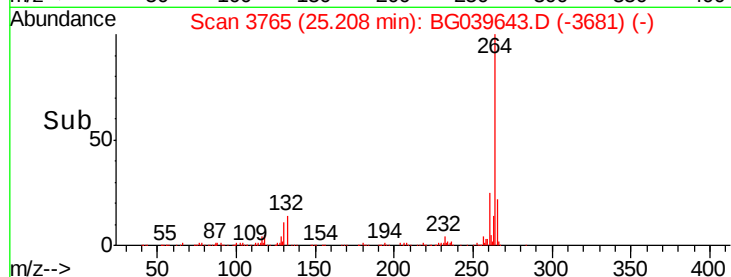
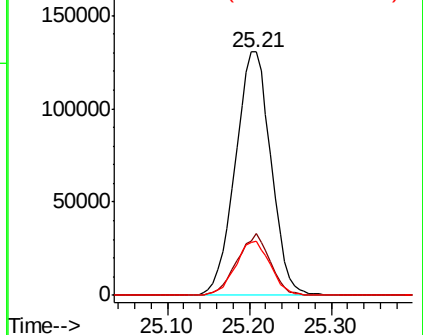
265 22.3 18.5 27.7



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: 45.968 ng

RT: 24.12 min Scan# 3580

Delta R.T. -0.04 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

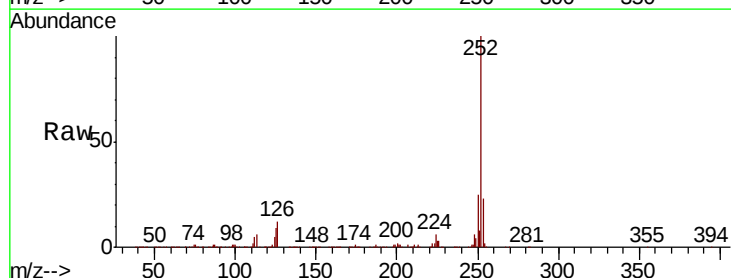
Tgt Ion:252 Resp: 992430

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

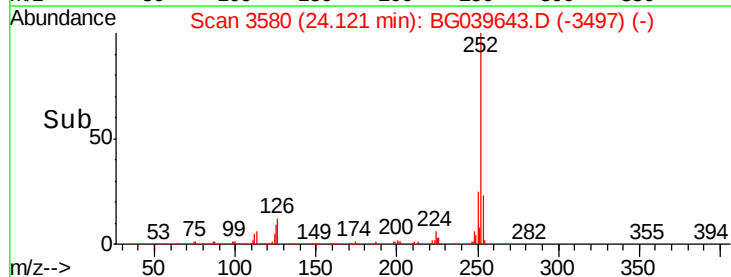
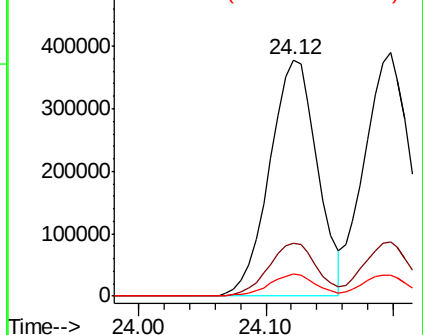
125 9.1 7.8 11.6



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

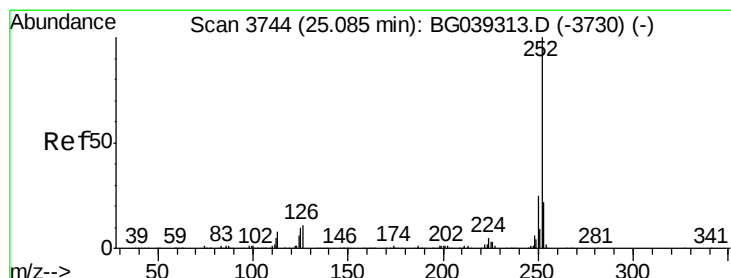
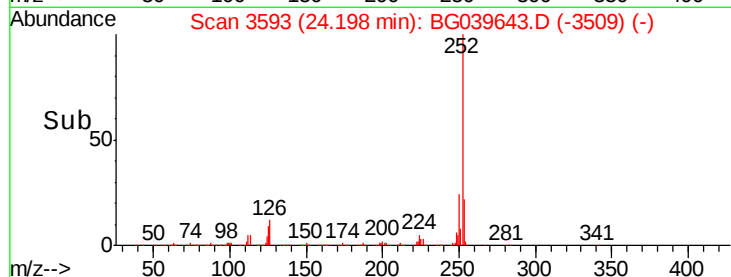
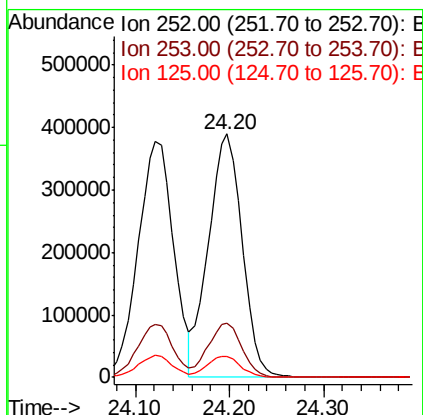
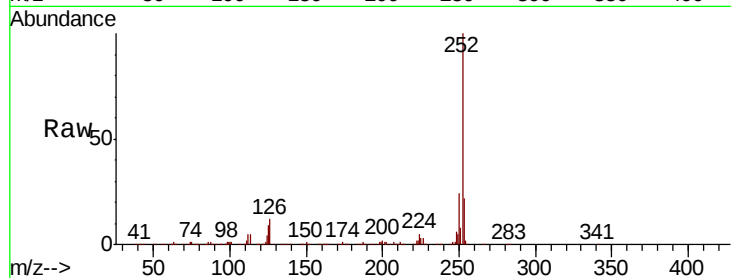




#89
Benzo(k)fluoranthene
Concen: 44.914 ng
RT: 24.20 min Scan# 3593
Delta R.T. -0.04 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

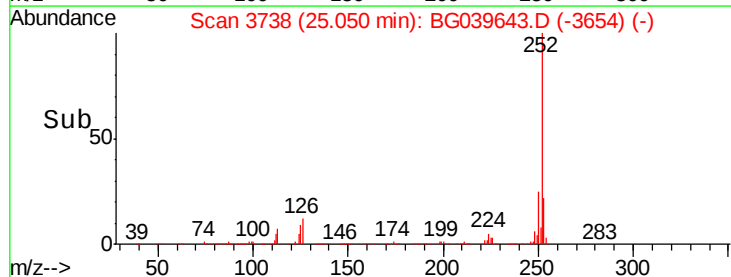
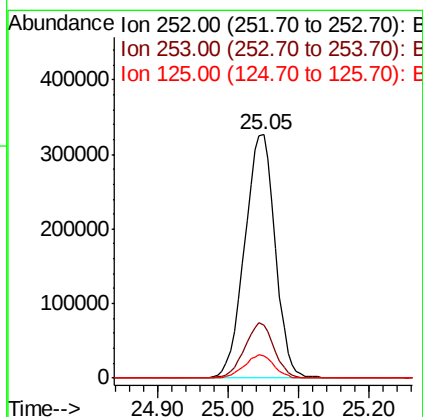
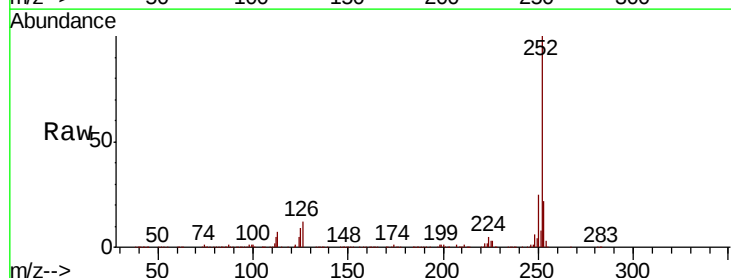
Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tgt Ion: 252 Resp: 973523
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 8.7 7.4 11.2



#90
Benzo(a)pyrene
Concen: 47.153 ng
RT: 25.05 min Scan# 3738
Delta R.T. -0.04 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion: 252 Resp: 980428
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 9.2 8.3 12.5

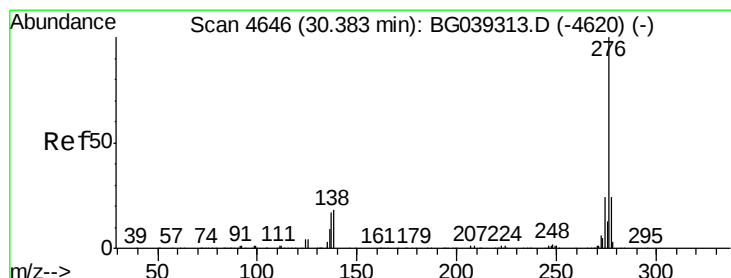
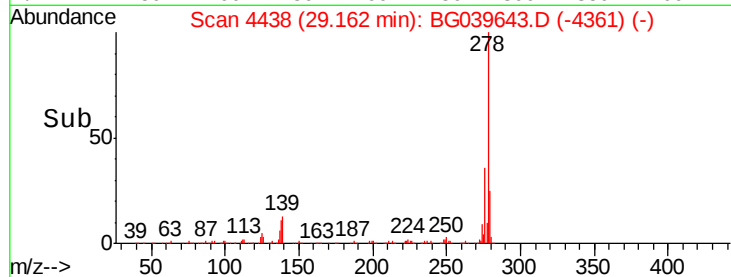
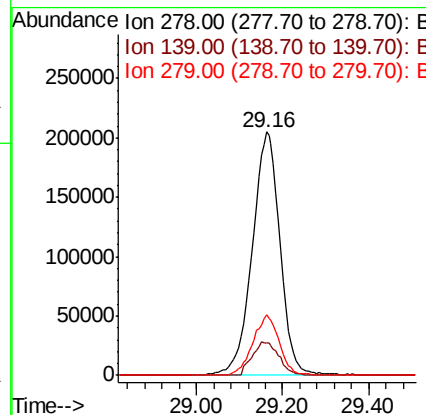
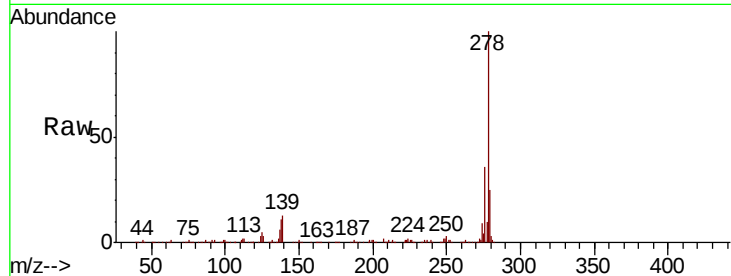




#91
Dibenzo(a,h)anthracene
Concen: 48.303 ng
RT: 29.16 min Scan# 4438
Delta R.T. -0.08 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tgt Ion: 278 Resp: 940551
Ion Ratio Lower Upper
278 100
139 13.2 11.7 17.5
279 24.6 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 49.198 ng
RT: 30.32 min Scan# 4636
Delta R.T. -0.06 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion: 276 Resp: 954856
Ion Ratio Lower Upper
276 100
277 23.5 19.6 29.4
138 17.9 14.7 22.1

