

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
 Data File : BG041504.D
 Acq On : 28 Jun 2019 2:34
 Operator : HP/JU
 Sample : K3552-19MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-10MSD

Quant Time: Jun 28 05:54:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	23810	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	90191	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	67377	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	180411	20.00	ng	0.00
76) Chrysene-d12	21.70	240	194843	20.00	ng	0.00
87) Perylene-d12	24.97	264	209180	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	152140	113.92	ng	0.00
7) Phenol-d6	7.19	99	220796	117.44	ng	0.00
23) Nitrobenzene-d5	9.21	82	155013	71.68	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	125309	108.92	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	361579	68.87	ng	0.00
79) Terphenyl-d14	20.02	244	756738	82.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	15169	25.092	ng	92
3) Pyridine	3.83	79	14851	9.682	ng	92
4) n-Nitrosodimethylamine	3.75	42	25440	29.805	ng	# 94
6) Aniline	7.35	93	37366	15.419	ng	95
8) 2-Chlorophenol	7.59	128	47281	31.568	ng	97
9) Benzaldehyde	7.17	77	37103	32.679	ng	93
10) Phenol	7.21	94	62645	33.062	ng	94
11) bis(2-Chloroethyl)ether	7.45	93	43177	28.735	ng	91
12) 1,3-Dichlorobenzene	7.91	146	54273	28.012	ng	94
13) 1,4-Dichlorobenzene	8.07	146	55751	28.543	ng	99
14) 1,2-Dichlorobenzene	8.38	146	51557	27.569	ng	97
15) Benzyl Alcohol	8.28	79	45010	30.063	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	58623	27.782	ng	96
17) 2-Methylphenol	8.48	107	41247	29.905	ng	98
18) Hexachloroethane	9.11	117	21995	28.540	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	39318	28.038	ng	97
20) 3+4-Methylphenols	8.81	107	58659	31.909	ng	100
22) Acetophenone	8.86	105	82685	30.563	ng	# 97
24) Nitrobenzene	9.25	77	66835	30.791	ng	97
25) Isophorone	9.77	82	114982	29.615	ng	100
26) 2-Nitrophenol	9.97	139	28458	31.393	ng	96
27) 2,4-Dimethylphenol	10.02	122	45634	36.170	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	60064	29.256	ng	98
29) 2,4-Dichlorophenol	10.50	162	54538	32.004	ng	96
30) 1,2,4-Trichlorobenzene	10.71	180	64257	29.420	ng	95
31) Naphthalene	10.90	128	156577	31.392	ng	98
32) Benzoic acid	10.02	122	45634	56.002	ng	# 15
33) 4-Chloroaniline	11.03	127	38972	18.562	ng	93
34) Hexachlorobutadiene	11.16	225	49927	28.797	ng	96
35) Caprolactam	11.81	113	15326	28.803	ng	90
36) 4-Chloro-3-methylphenol	12.14	107	59207	32.066	ng	96
37) 2-Methylnaphthalene	12.51	142	116837	31.707	ng	99
38) 1-Methylnaphthalene	12.72	142	109709	31.207	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	90991	30.669	ng	99

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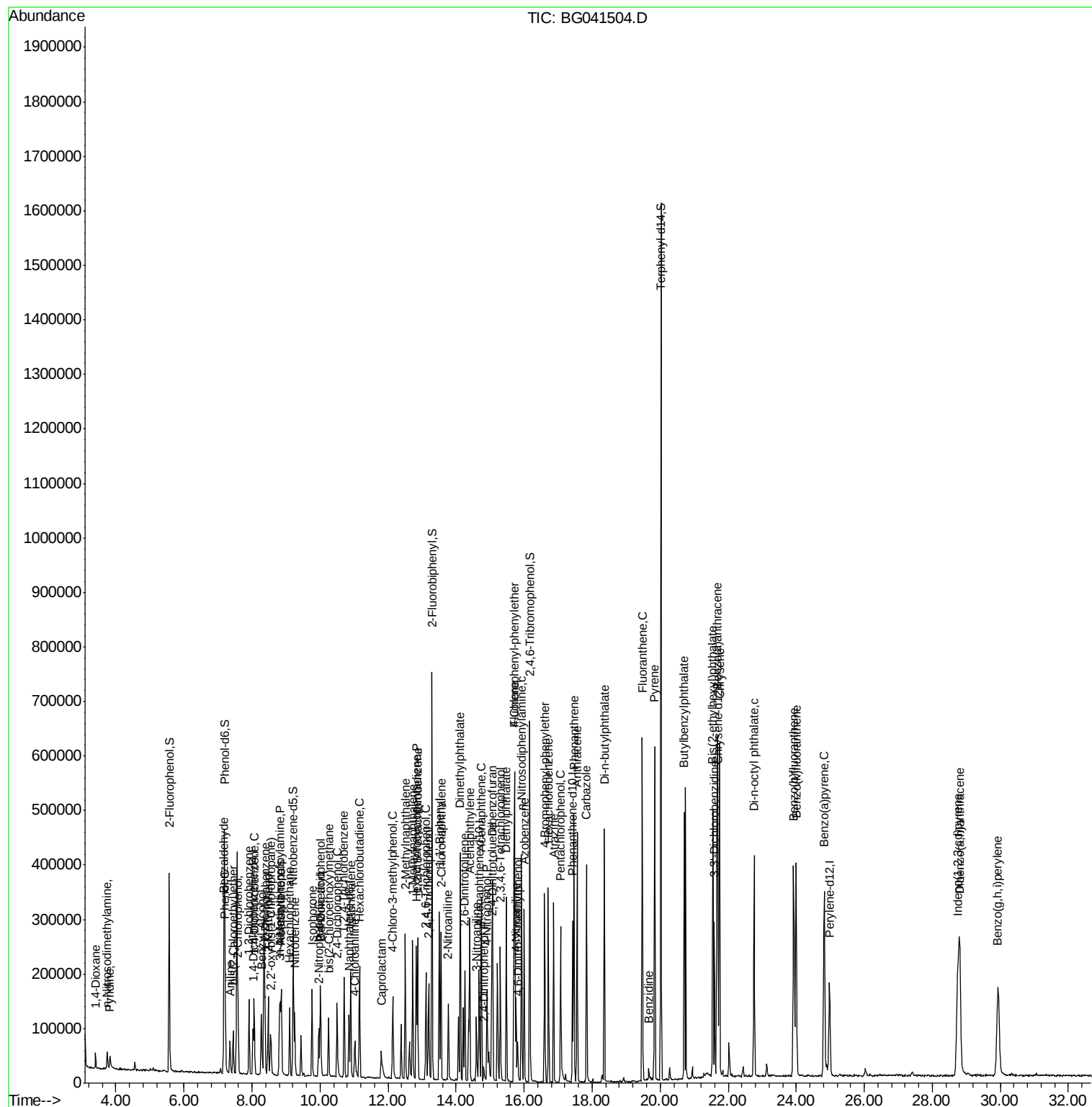
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	71496	46.038	ng	94
43) 2,4,6-Trichlorophenol	13.11	196	53884	30.612	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	57077	32.547	ng	94
46) 1,1'-Biphenyl	13.51	154	162175	30.492	ng	99
47) 2-Chloronaphthalene	13.56	162	137809	30.180	ng	99
48) 2-Nitroaniline	13.77	65	44175	28.539	ng	92
49) Acenaphthylene	14.40	152	215734	31.609	ng	99
50) Dimethylphthalate	14.12	163	265251	43.261	ng	98
51) 2,6-Dinitrotoluene	14.26	165	39954	30.706	ng	98
52) Acenaphthene	14.74	154	124934	30.868	ng	98
53) 3-Nitroaniline	14.60	138	30313	24.403	ng	98
54) 2,4-Dinitrophenol	14.82	184	9095	17.452	ng	# 85
55) Dibenzofuran	15.07	168	228075	32.370	ng	98
56) 4-Nitrophenol	14.90	139	50653	63.186	ng	94
57) 2,4-Dinitrotoluene	15.05	165	55758	29.538	ng	96
58) Fluorene	15.72	166	178696	31.879	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	61524	33.279	ng	98
60) Diethylphthalate	15.47	149	187324	29.847	ng	97
61) 4-Chlorophenyl-phenylether	15.71	204	109827	30.376	ng	95
62) 4-Nitroaniline	15.76	138	35677	29.470	ng	94
63) Azobenzene	16.00	77	164498	31.087	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	19847	17.763	ng	91
66) n-Nitrosodiphenylamine	15.93	169	154721	31.160	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	75651	30.685	ng	94
68) Hexachlorobenzene	16.71	284	80613	30.348	ng	99
69) Atrazine	16.87	200	69732	33.178	ng	97
70) Pentachlorophenol	17.07	266	68874	57.223	ng	93
71) Phenanthrene	17.47	178	315406	31.731	ng	99
72) Anthracene	17.56	178	319161	32.091	ng	99
73) Carbazole	17.84	167	274339	32.448	ng	99
74) Di-n-butylphthalate	18.36	149	318976	30.017	ng	98
75) Fluoranthene	19.48	202	416840	31.454	ng	100
77) Benzidine	19.67	184	25333	5.860	ng	95
78) Pyrene	19.83	202	424686	31.928	ng	99
80) Butylbenzylphthalate	20.70	149	145958	29.382	ng	97
81) Benzo(a)anthracene	21.67	228	416736	30.764	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	110906	23.644	ng	95
83) Chrysene	21.74	228	405589	30.933	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	209315	29.722	ng	97
85) Di-n-octyl phthalate	22.76	149	357536	30.001	ng	99
86) Indeno(1,2,3-cd)pyrene	28.75	276	479798	30.219	ng	100
88) Benzo(b)fluoranthene	23.92	252	406240	30.448	ng	99
89) Benzo(k)fluoranthene	23.99	252	417035	31.837	ng	96
90) Benzo(a)pyrene	24.82	252	401336	31.672	ng	98
91) Dibenzo(a,h)anthracene	28.81	278	393053	30.962	ng	98
92) Benzo(g,h,i)perylene	29.93	276	390551	30.942	ng	99

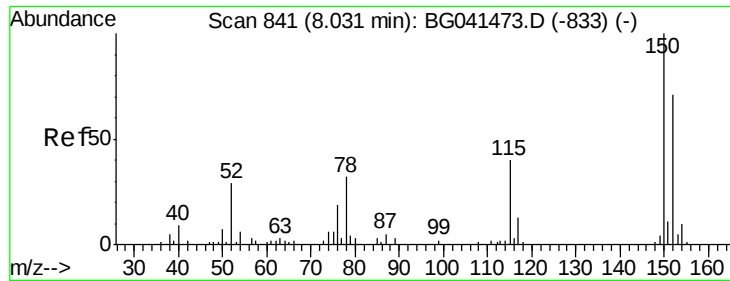
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.01 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampleId :

M-10MSD

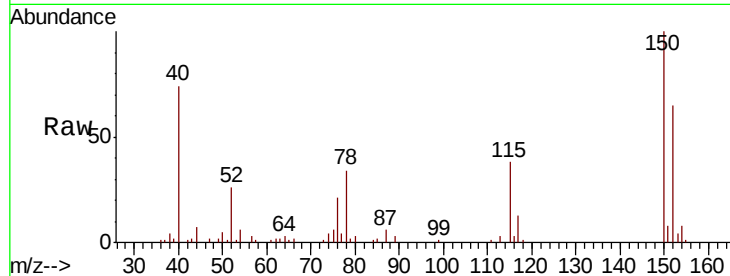
Tgt Ion:152 Resp: 23810

Ion Ratio Lower Upper

152 100

150 154.3 112.4 168.6

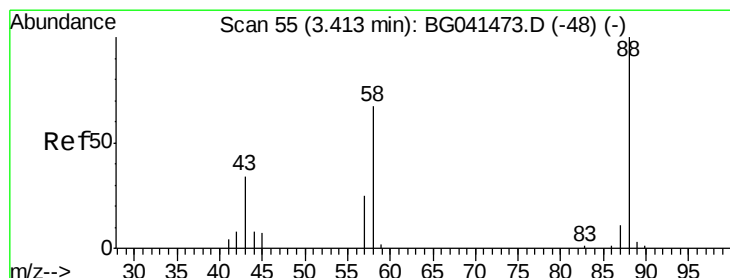
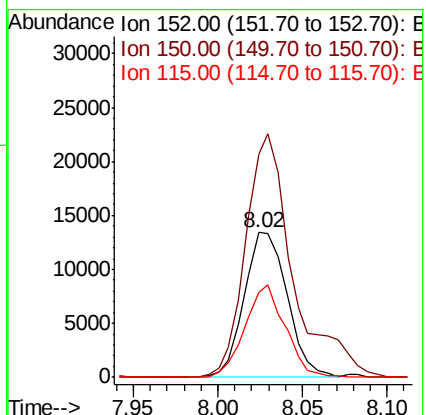
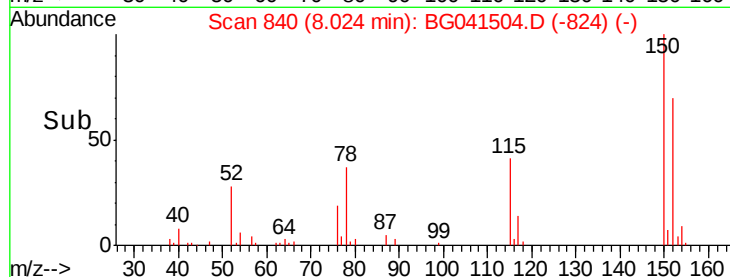
115 59.0 44.6 66.8



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: 25.092 ng

RT: 3.41 min Scan# 54

Delta R.T. -0.01 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

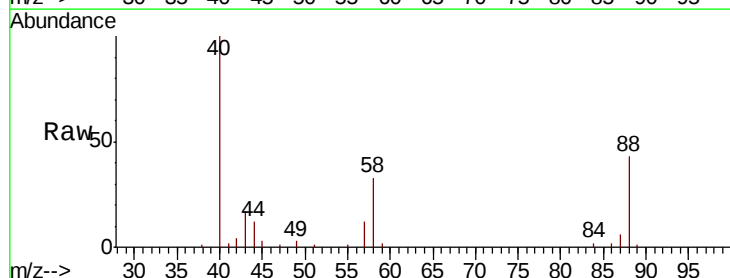
Tgt Ion: 88 Resp: 15169

Ion Ratio Lower Upper

88 100

58 76.8 55.8 83.8

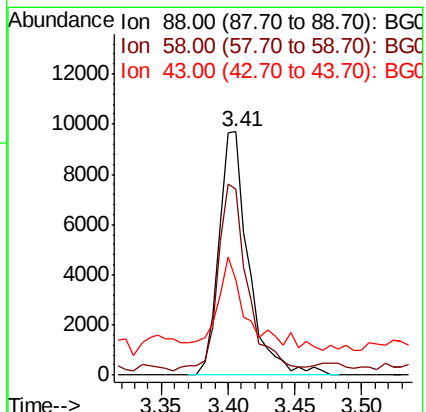
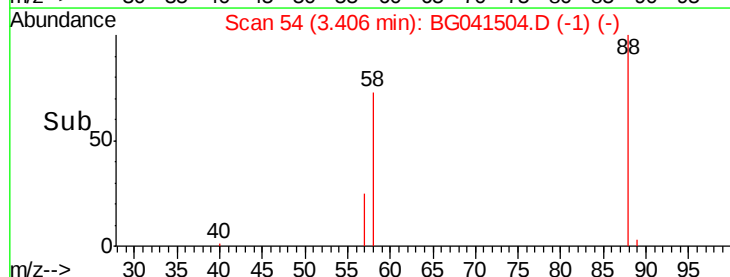
43 30.9 27.8 41.8

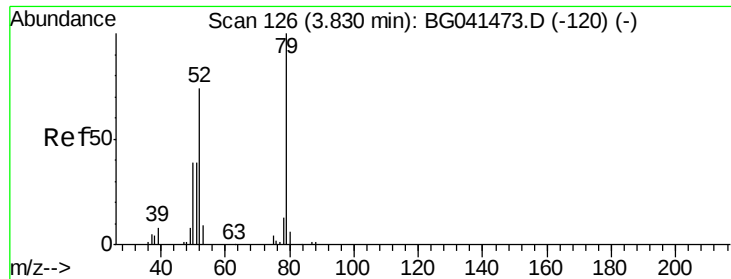


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



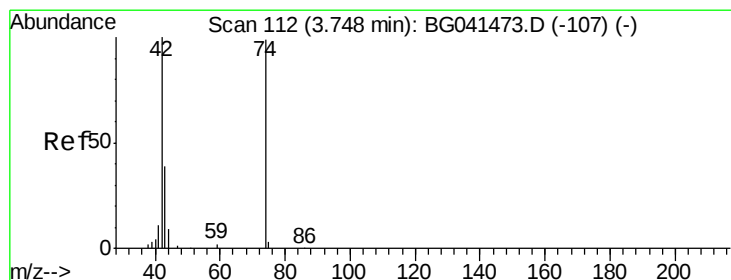
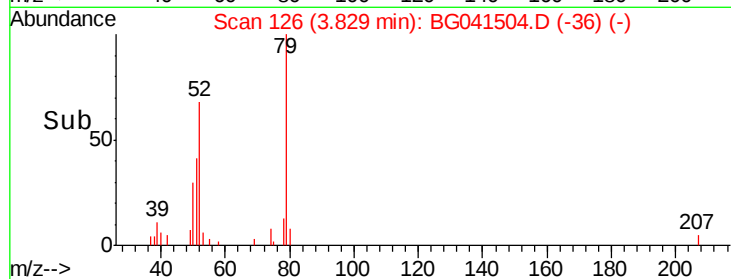
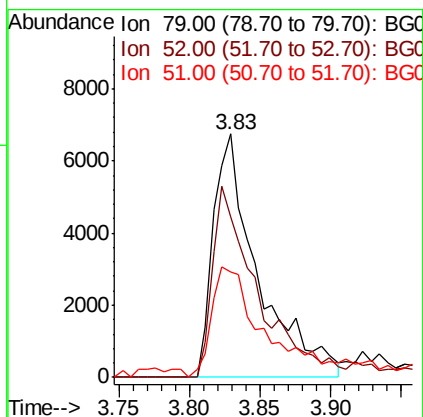
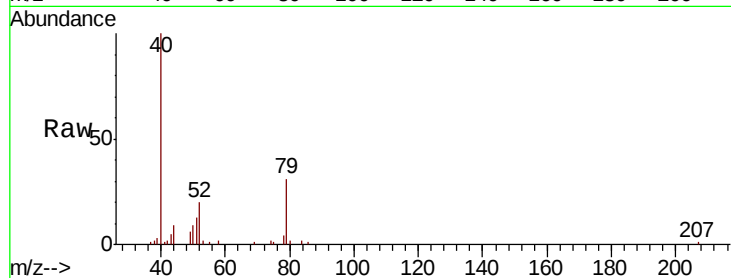


#3
 Pyridine
 Concen: 9.682 ng
 RT: 3.83 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

Instrument :
 BNA_G
 ClientSampleId :
 M-10MSD

Tgt Ion: 79 Resp: 14851

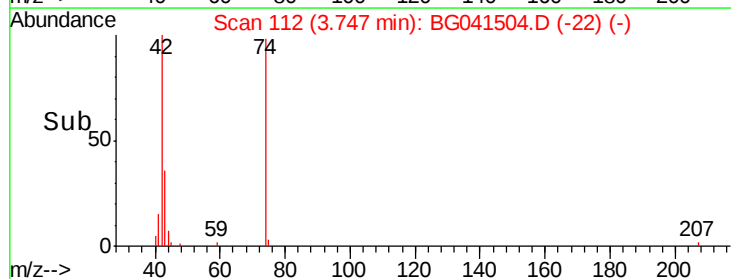
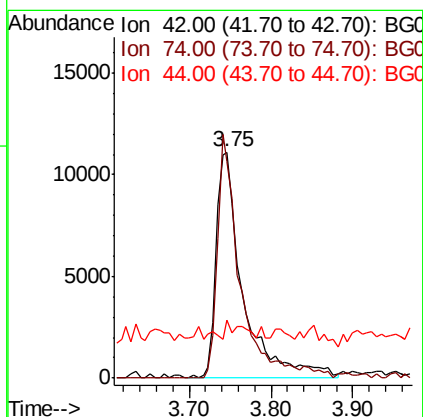
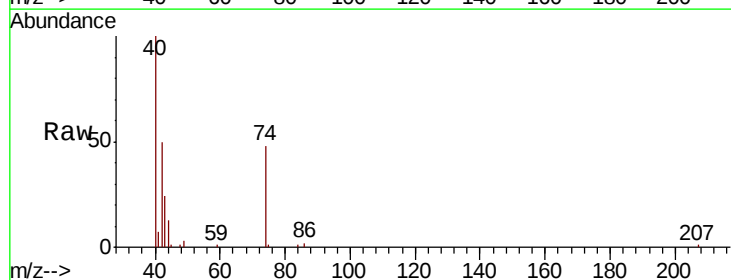
Ion	Ratio	Lower	Upper
79	100		
52	65.7	59.4	89.0
51	43.1	32.3	48.5

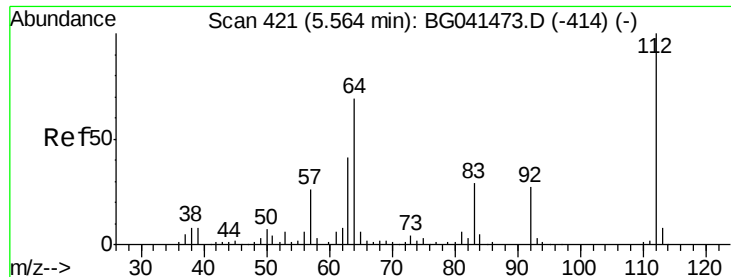


#4
 n-Nitrosodimethylamine
 Concen: 29.805 ng
 RT: 3.75 min Scan# 112
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

Tgt Ion: 42 Resp: 25440

Ion	Ratio	Lower	Upper
42	100		
74	95.8	79.5	119.3
44	25.9	14.2	21.2

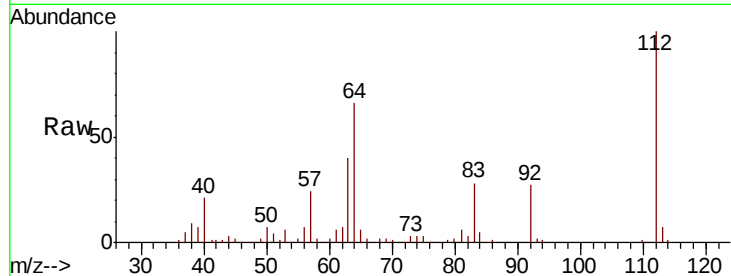




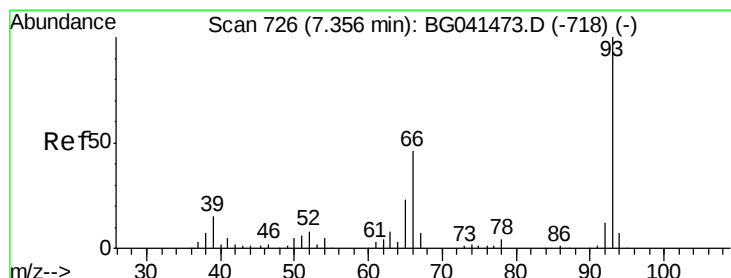
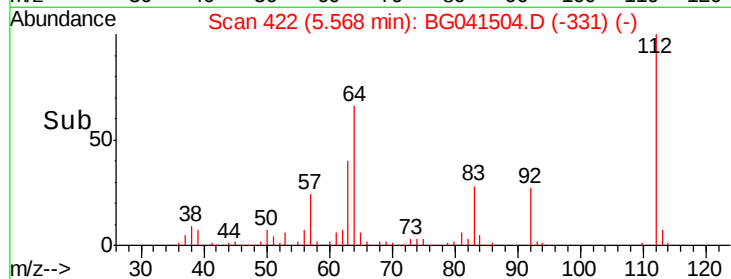
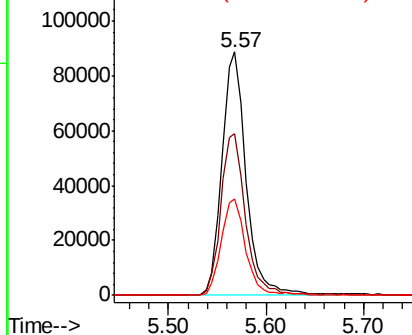
#5
 2-Fluorophenol
 Concen: 113.920 ng
 RT: 5.57 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

Instrument :
 BNA_G
 ClientSampleId :
 M-10MSD

Tgt Ion: 112 Resp: 152140
 Ion Ratio Lower Upper
 112 100
 64 66.3 55.1 82.7
 63 39.8 32.4 48.6

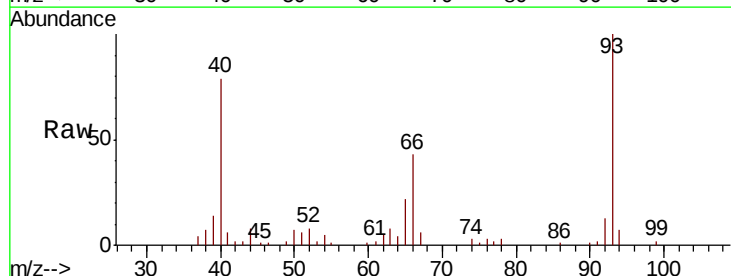


Abundance Ion 112.00 (111.70 to 112.70): BGC
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC

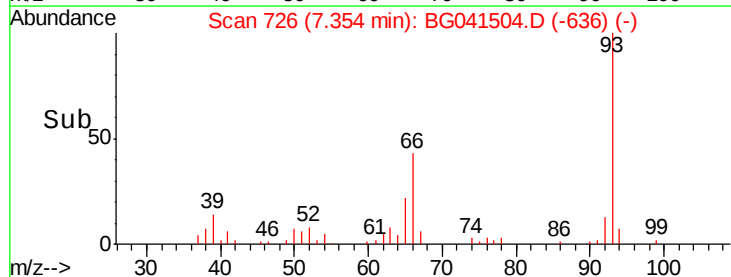
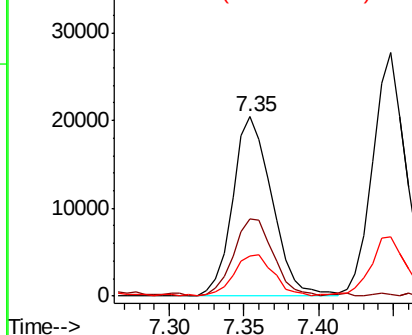


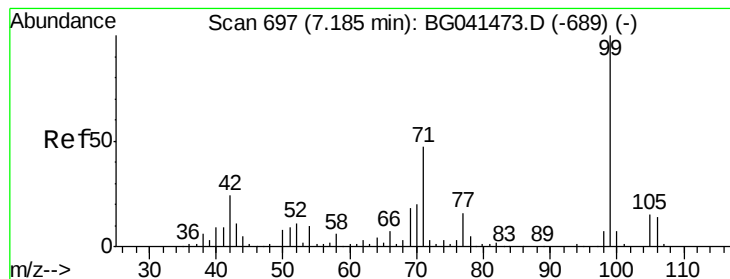
#6
 Aniline
 Concen: 15.419 ng
 RT: 7.35 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

Tgt Ion: 93 Resp: 37366
 Ion Ratio Lower Upper
 93 100
 66 42.9 37.4 56.0
 65 22.1 18.6 27.8



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: 117.443 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

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ClientSampleId :

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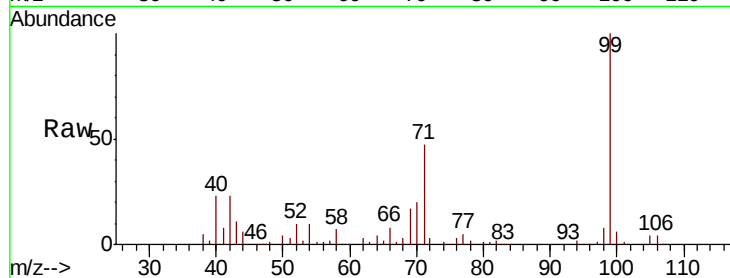
Tgt Ion: 99 Resp: 220796

Ion Ratio Lower Upper

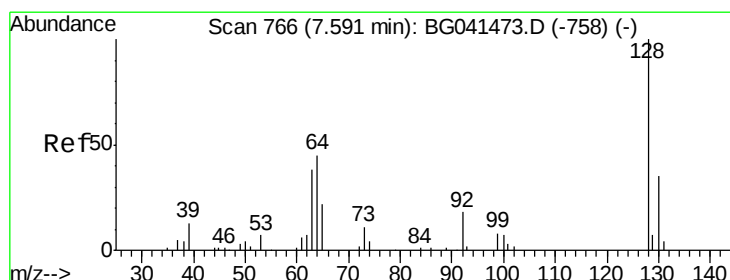
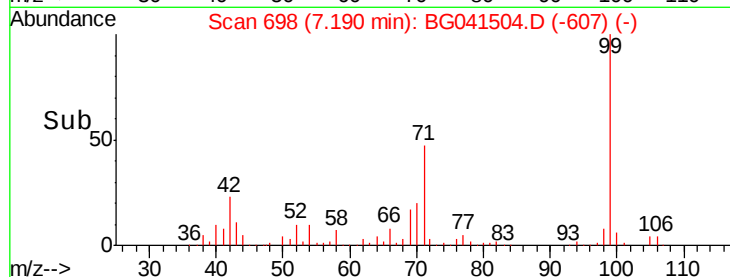
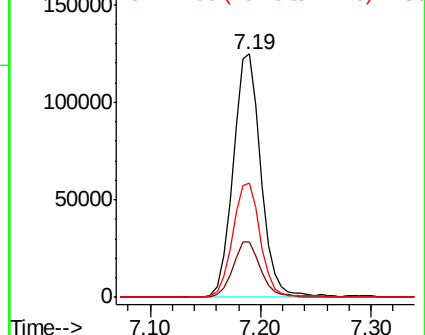
99 100

42 23.0 19.0 28.6

71 47.0 37.4 56.2



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: 31.568 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

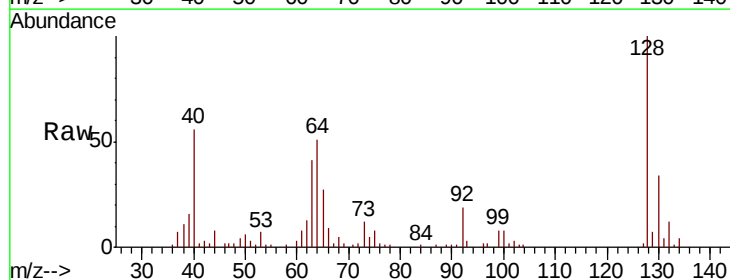
Tgt Ion: 128 Resp: 47281

Ion Ratio Lower Upper

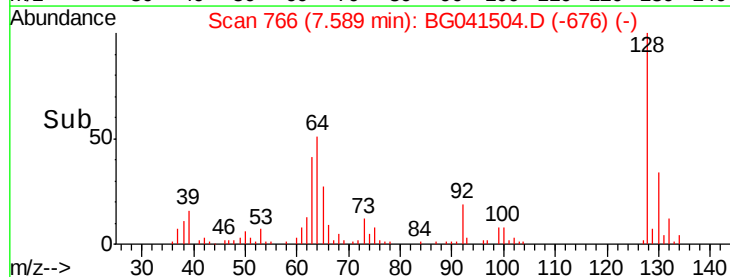
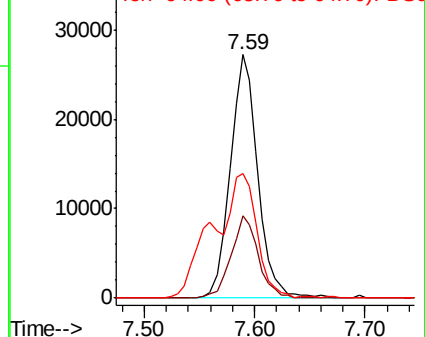
128 100

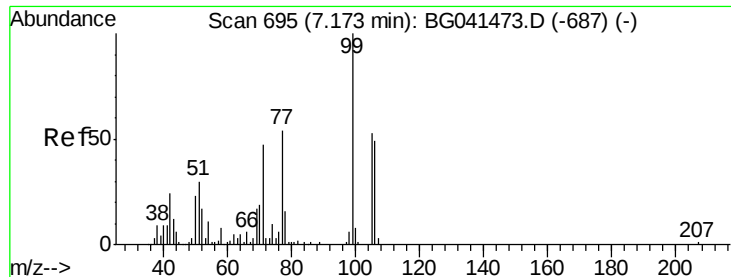
130 33.6 15.0 55.0

64 51.2 33.3 73.3



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





#9

Benzaldehyde

Concen: 32.679 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG041504.D

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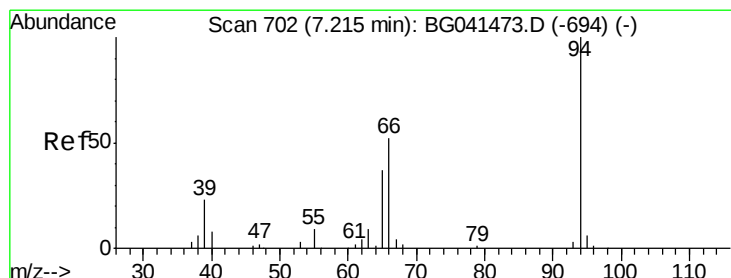
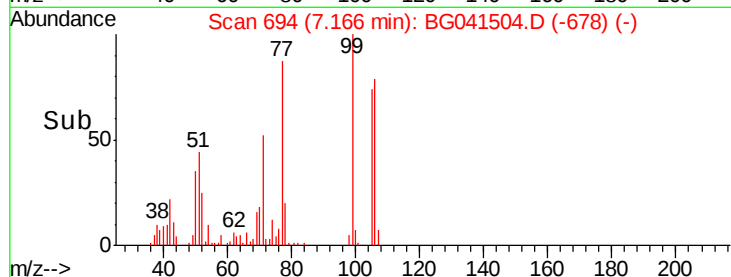
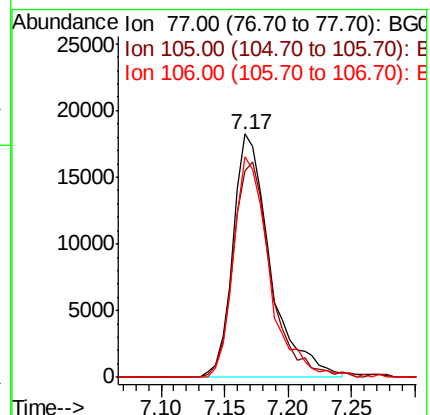
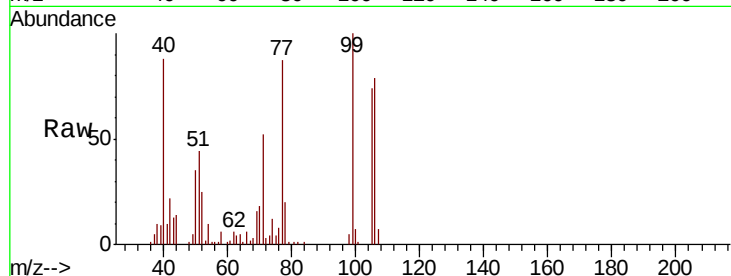
Tgt Ion: 77 Resp: 37103

Ion Ratio Lower Upper

77 100

105 85.0 77.8 117.8

106 90.4 70.1 110.1



#10

Phenol

Concen: 33.062 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

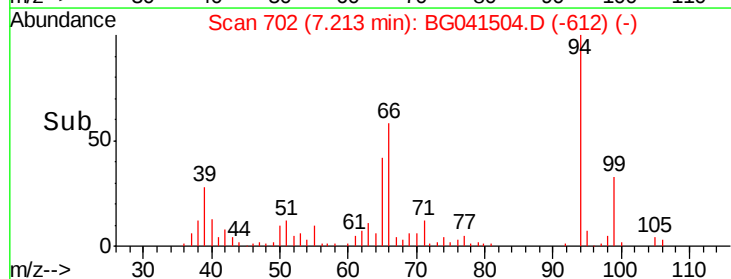
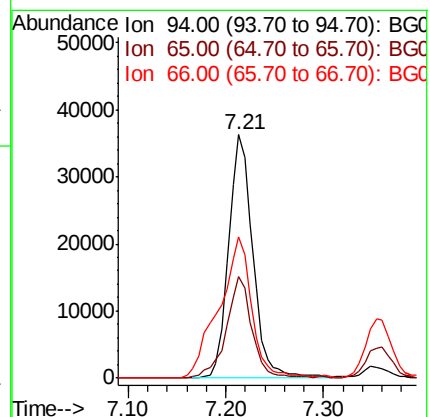
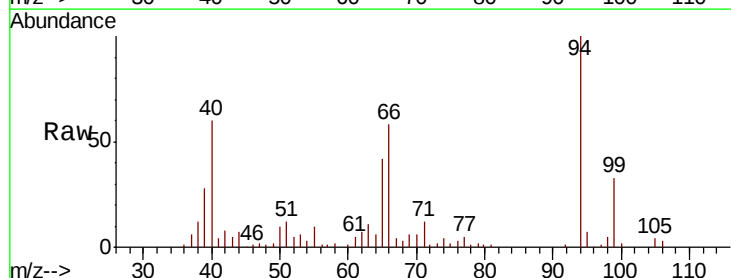
Tgt Ion: 94 Resp: 62645

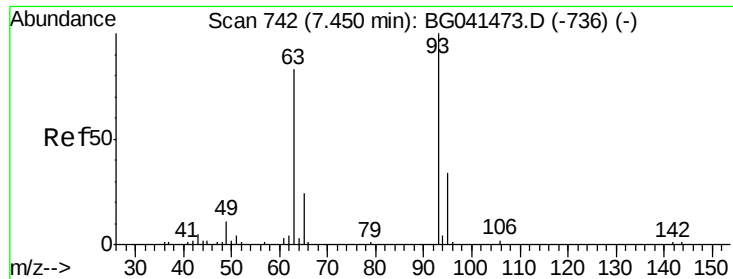
Ion Ratio Lower Upper

94 100

65 41.5 17.9 57.9

66 58.1 34.4 74.4

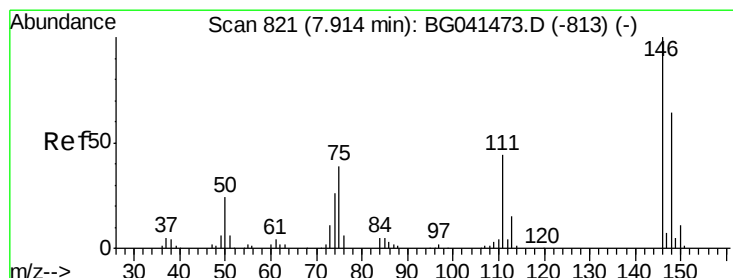
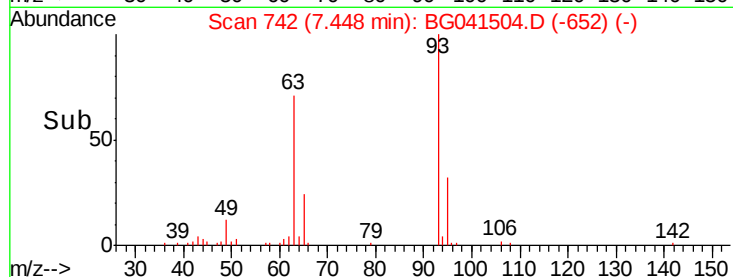
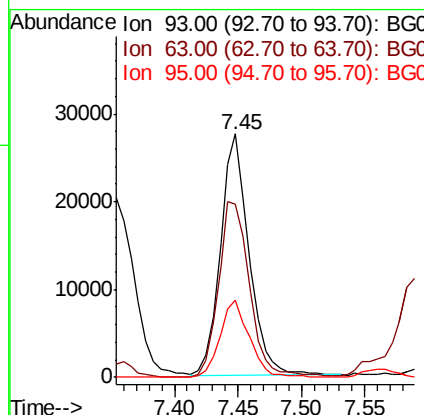
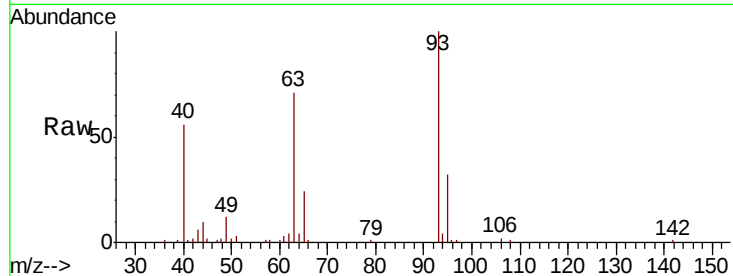




#11
 bis(2-Chloroethyl)ether
 Concen: 28.735 ng
 RT: 7.45 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

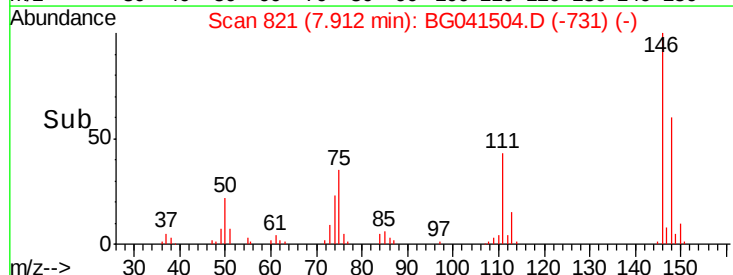
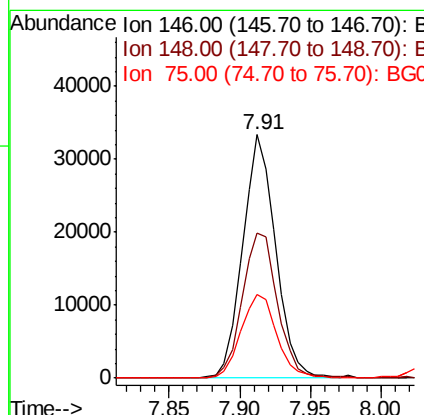
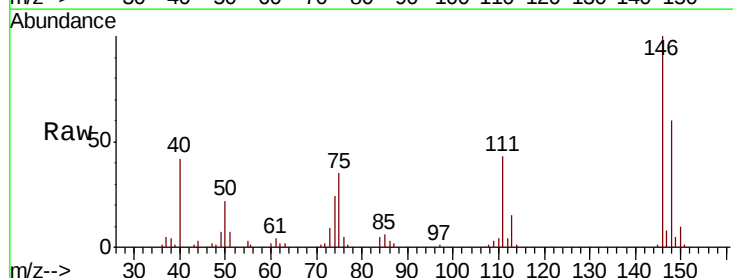
Instrument :
 BNA_G
 ClientSampleId :
 M-10MSD

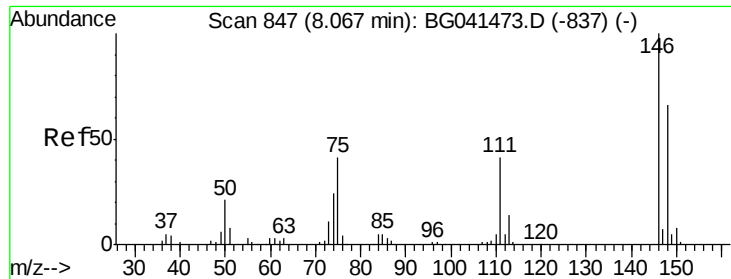
Tgt Ion: 93 Resp: 43177
 Ion Ratio Lower Upper
 93 100
 63 71.2 62.0 102.0
 95 31.5 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 28.012 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

Tgt Ion: 146 Resp: 54273
 Ion Ratio Lower Upper
 146 100
 148 59.8 51.1 76.7
 75 34.5 31.0 46.6

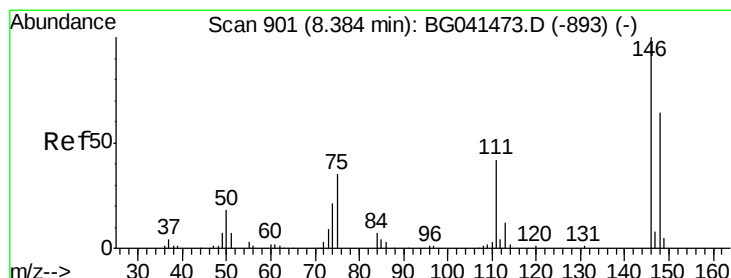
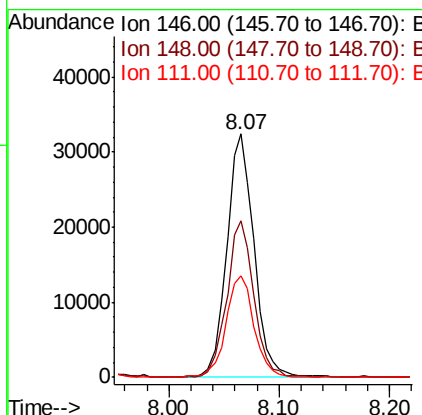
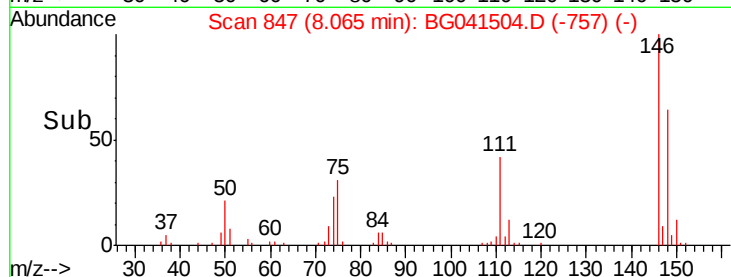
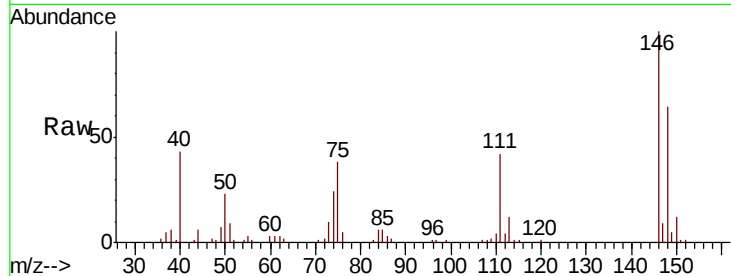




#13
 1,4-Dichlorobenzene
 Concen: 28.543 ng
 RT: 8.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

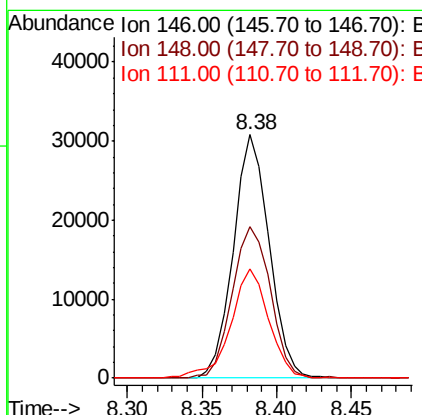
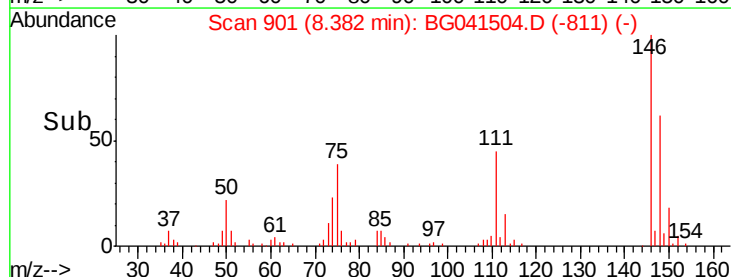
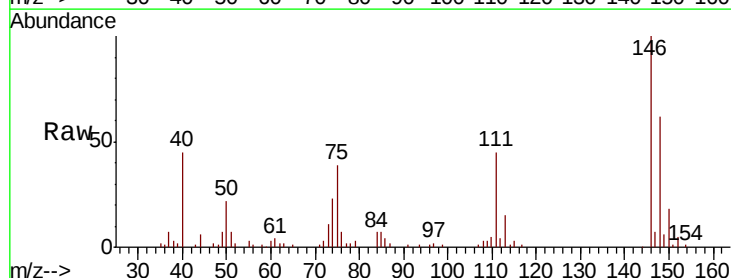
Instrument :
 BNA_G
 ClientSampleId :
 M-10MSD

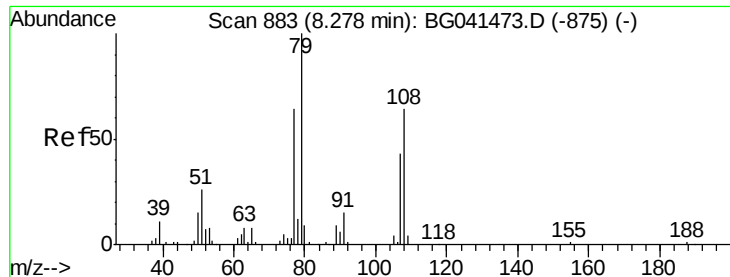
Tgt Ion:146 Resp: 55751
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.8 79.2
 111 41.9 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 27.569 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

Tgt Ion:146 Resp: 51557
 Ion Ratio Lower Upper
 146 100
 148 62.2 51.3 76.9
 111 44.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 30.063 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampleId :

M-10MSD

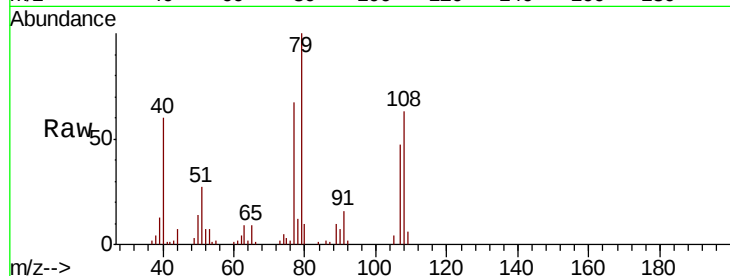
Tgt Ion: 79 Resp: 45010

Ion Ratio Lower Upper

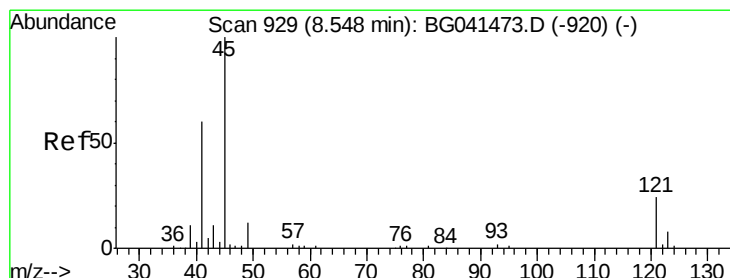
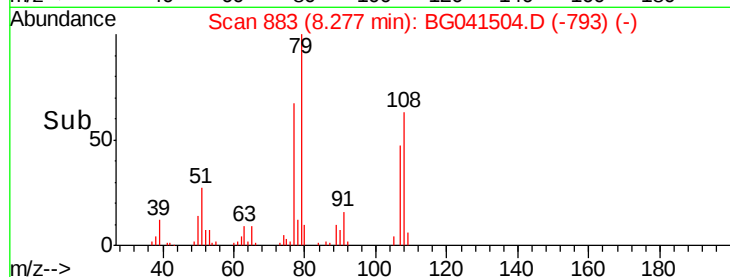
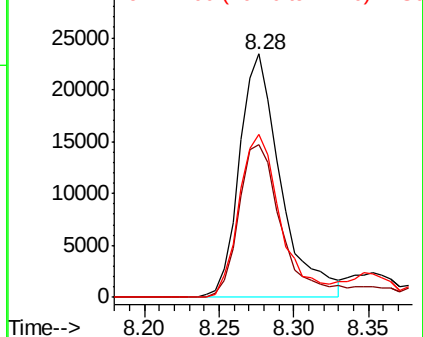
79 100

108 62.9 51.4 77.0

77 66.7 50.8 76.2



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: 27.782 ng

RT: 8.55 min Scan# 930

Delta R.T. 0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

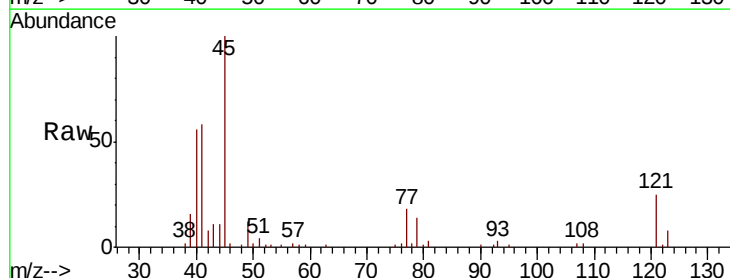
Tgt Ion: 45 Resp: 58623

Ion Ratio Lower Upper

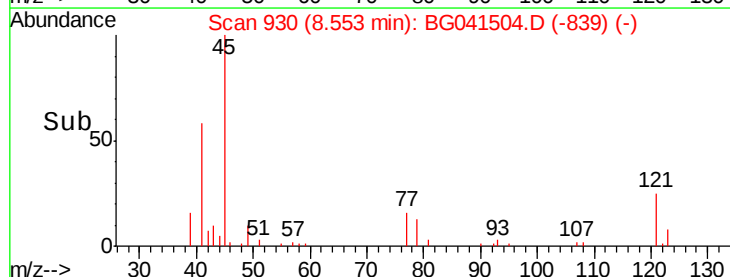
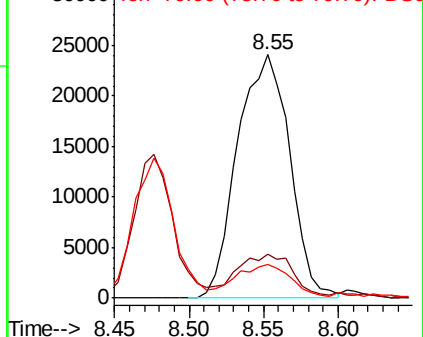
45 100

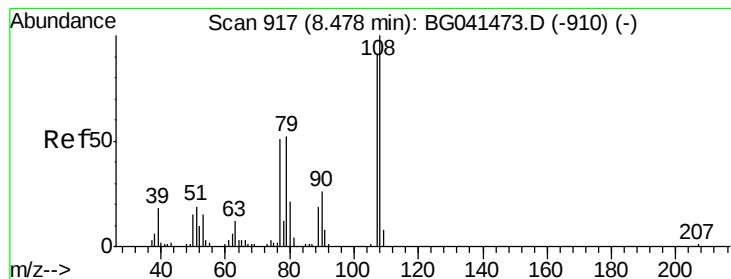
77 17.9 0.0 36.3

79 13.8 0.0 32.4



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: 29.905 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampleId :

M-10MSD

Tgt Ion:107 Resp: 41247

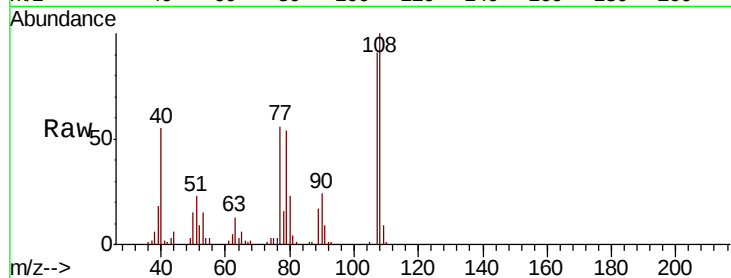
Ion Ratio Lower Upper

107 100

108 109.5 88.0 132.0

77 60.9 45.3 67.9

79 59.4 47.3 70.9

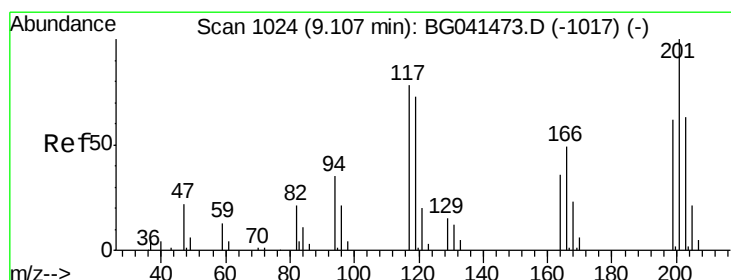
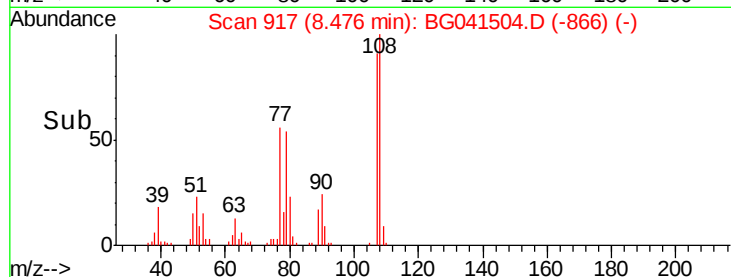
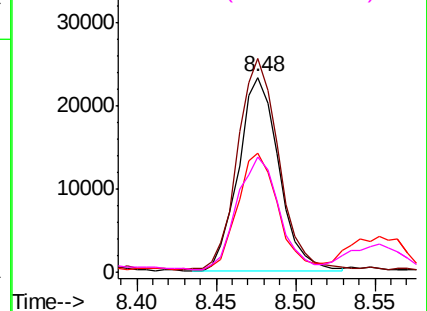


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 28.540 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

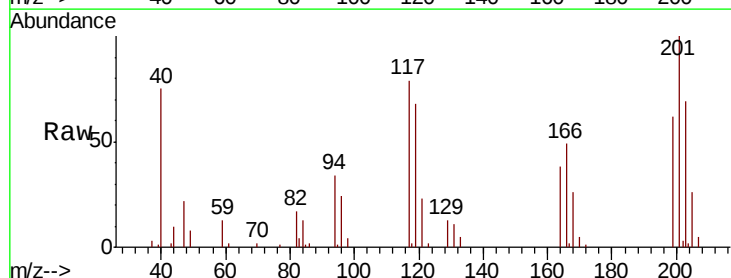
Tgt Ion:117 Resp: 21995

Ion Ratio Lower Upper

117 100

119 86.6 74.3 111.5

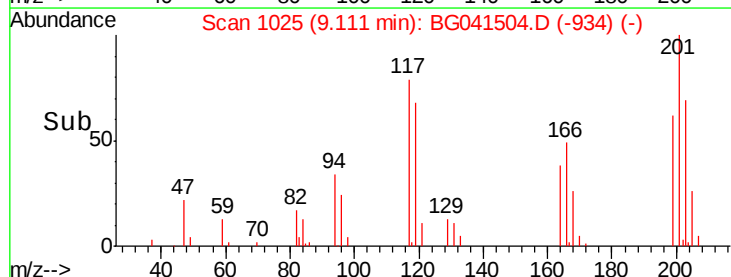
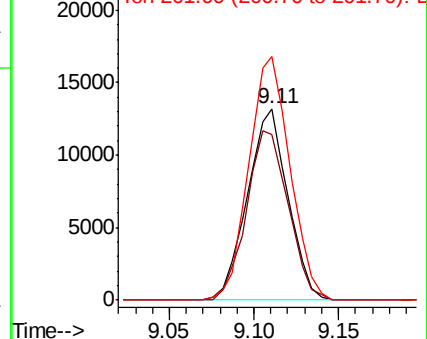
201 127.0 102.3 153.5

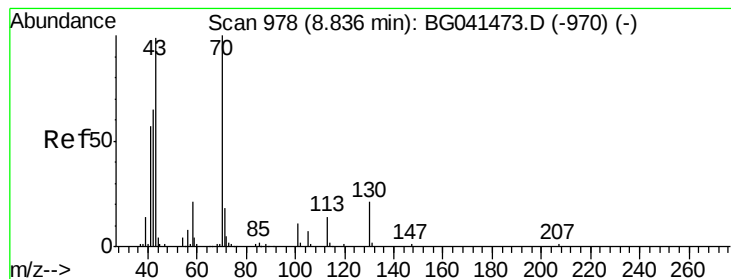


Abundance Ion 117.00 (116.70 to 117.70): E

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: 28.038 ng

RT: 8.83 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampleId :

M-10MSD

Tgt Ion: 70 Resp: 39318

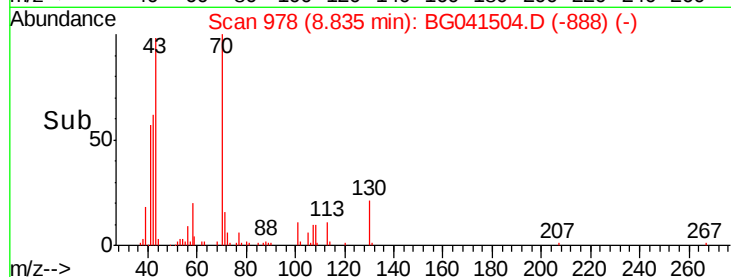
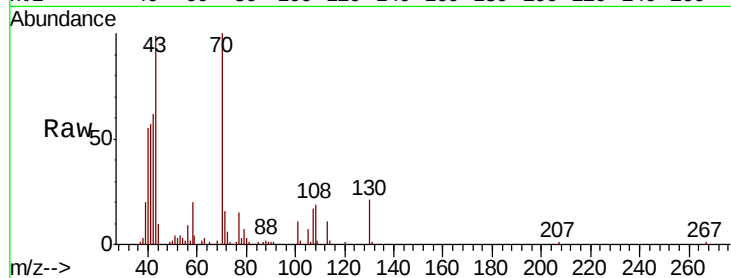
Ion Ratio Lower Upper

70 100

42 62.2 52.6 78.8

101 11.0 8.6 13.0

130 20.5 16.6 25.0



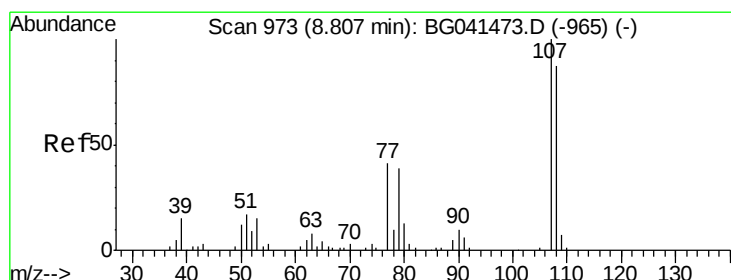
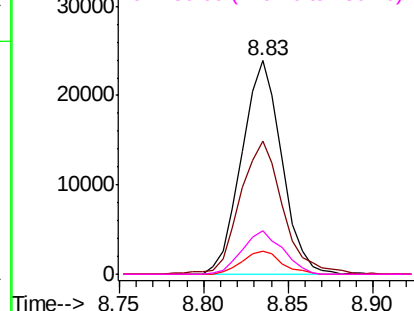
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 31.909 ng

RT: 8.81 min Scan# 974

Delta R.T. 0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Tgt Ion: 107 Resp: 58659

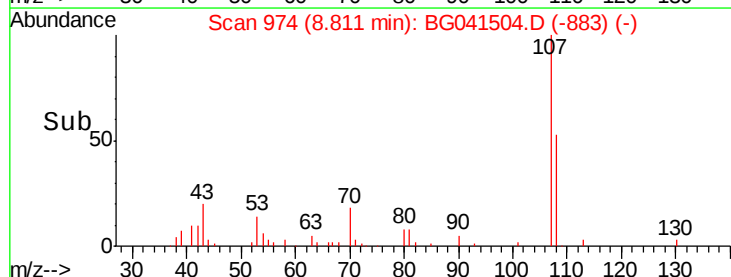
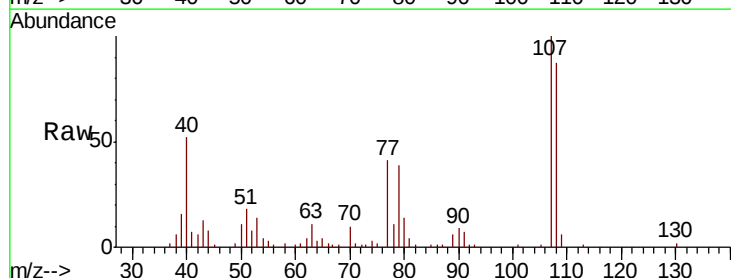
Ion Ratio Lower Upper

107 100

108 87.4 67.0 107.0

77 41.2 20.6 60.6

79 38.8 18.9 58.9



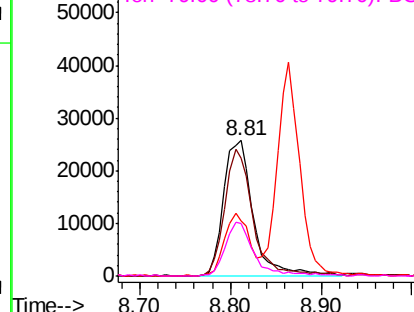
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

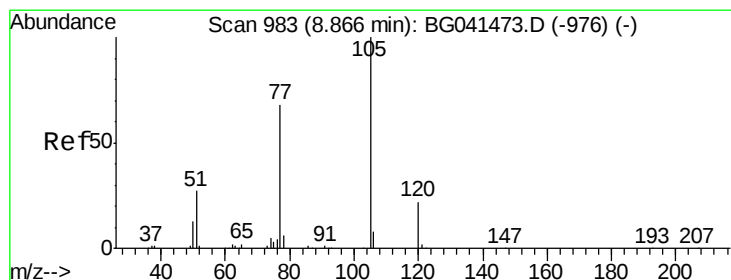
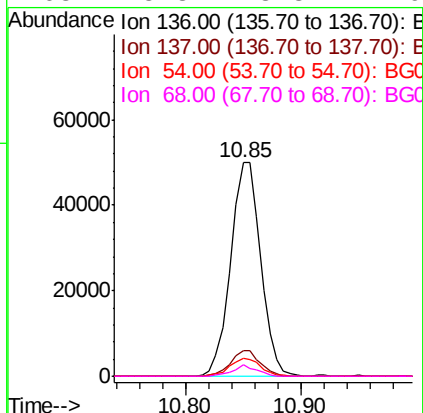
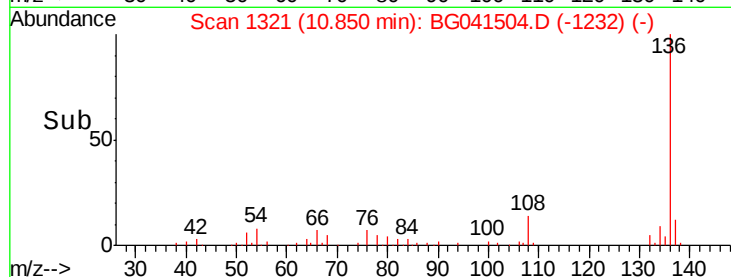
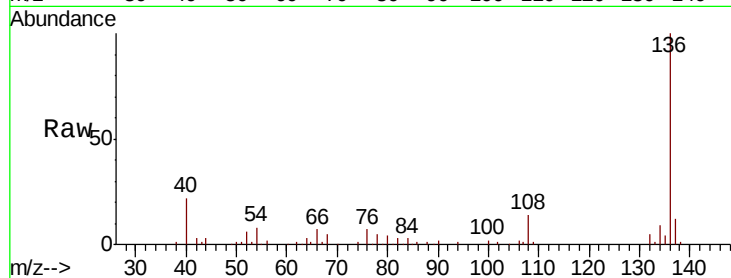




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

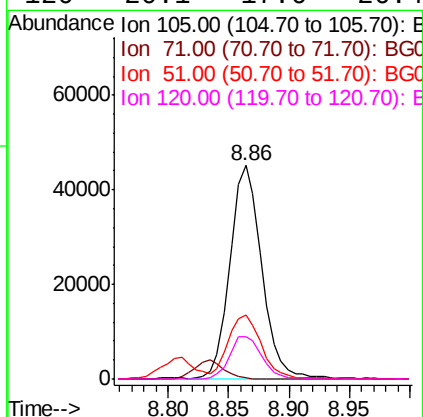
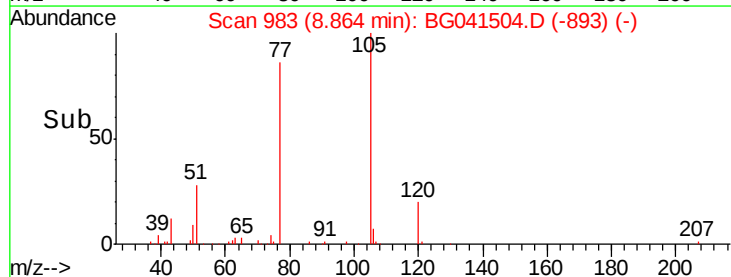
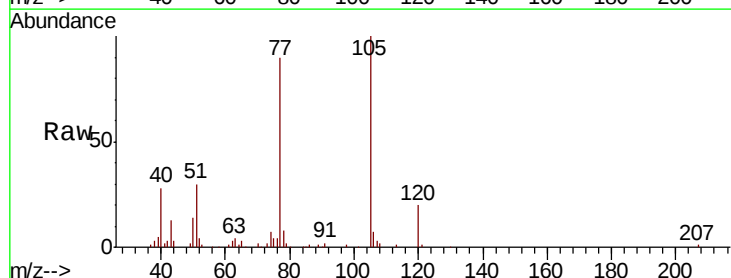
Instrument :
BNA_G
ClientSampleId :
M-10MSD

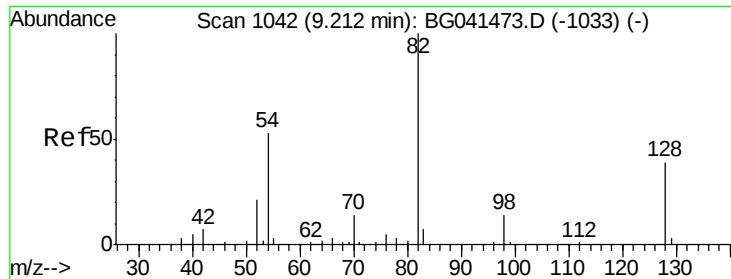
Tgt Ion:	136	Resp:	90191
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.3	13.9
54	8.2	7.1	10.7
68	5.3	3.3	4.9#



#22
Acetophenone
Concen: 30.563 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

Tgt Ion:	105	Resp:	82685
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.5	0.7#
51	29.9	25.0	37.6
120	20.1	17.6	26.4

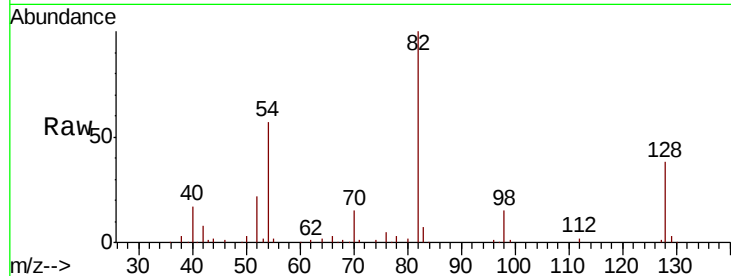




#23
 Nitrobenzene-d5
 Concen: 71.683 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

Instrument :
 BNA_G
 ClientSampleId :
 M-10MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.9	46.3
54	56.8	42.2	63.2

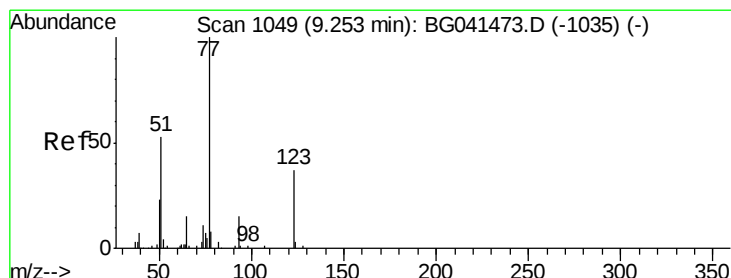
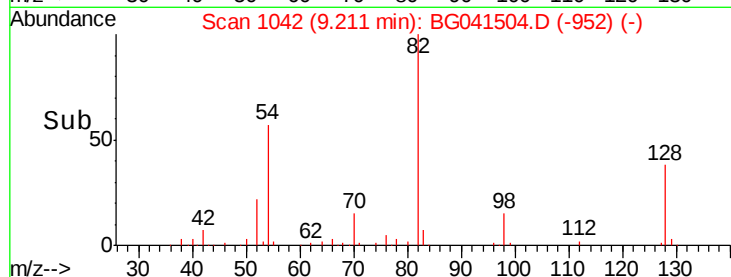
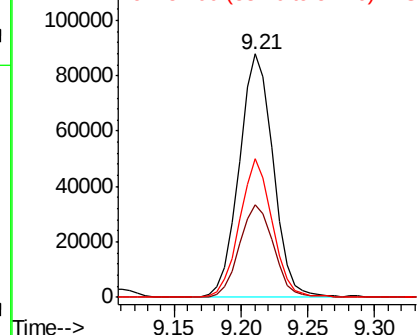


Abundance

Ion 82.00 (81.70 to 82.70): BGC

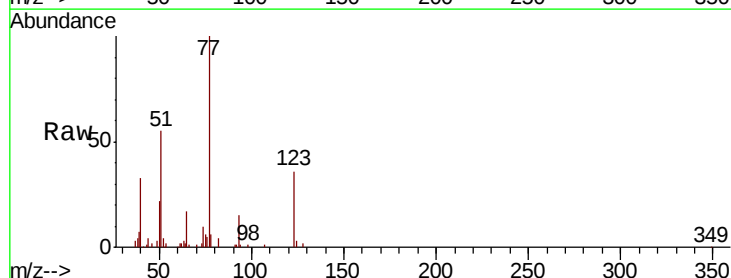
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
 Nitrobenzene
 Concen: 30.791 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.0	29.9	44.9
65	17.1	12.2	18.4

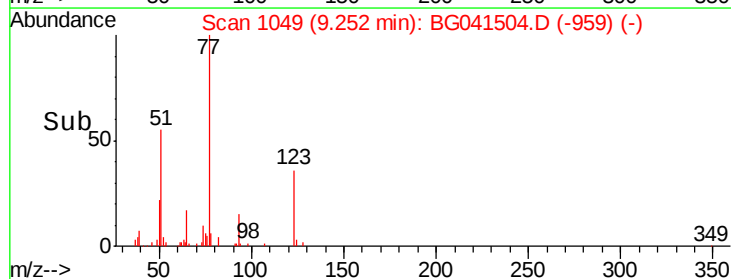
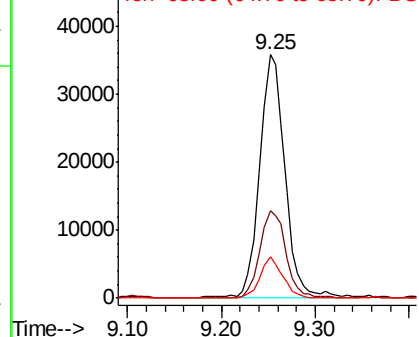


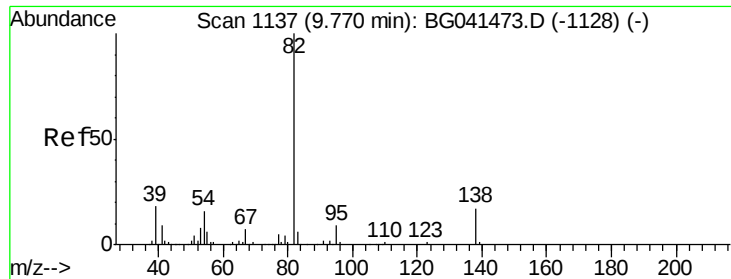
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 29.615 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampleId :

M-10MSD

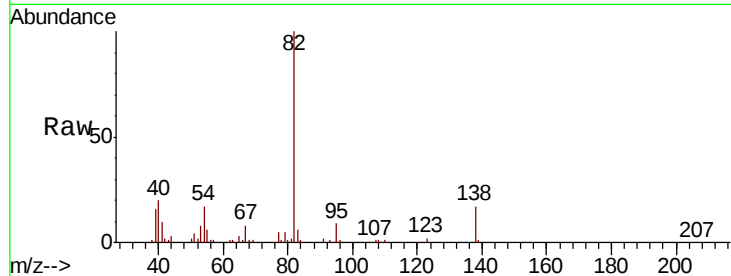
Tgt Ion: 82 Resp: 114982

Ion Ratio Lower Upper

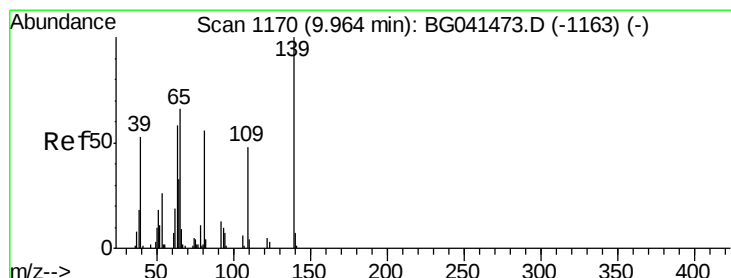
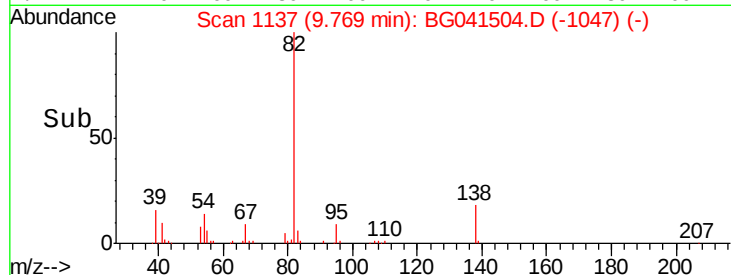
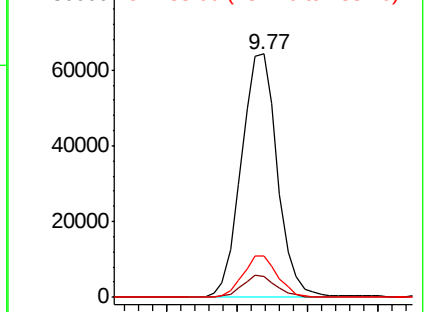
82 100

95 8.7 6.8 10.2

138 17.2 13.7 20.5



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



#26

2-Nitrophenol

Concen: 31.393 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

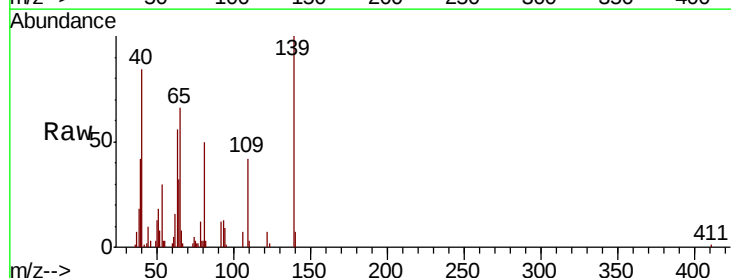
Tgt Ion: 139 Resp: 28458

Ion Ratio Lower Upper

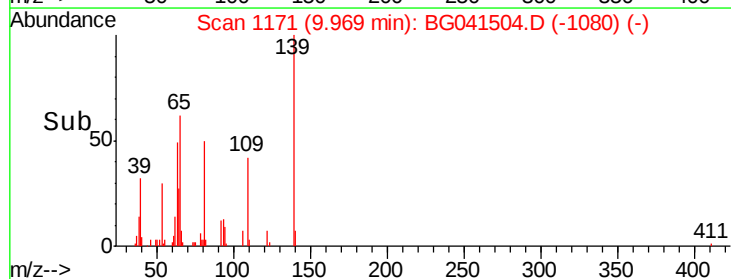
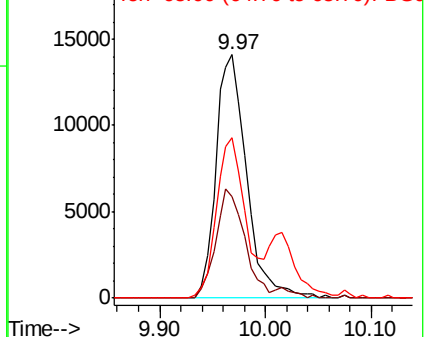
139 100

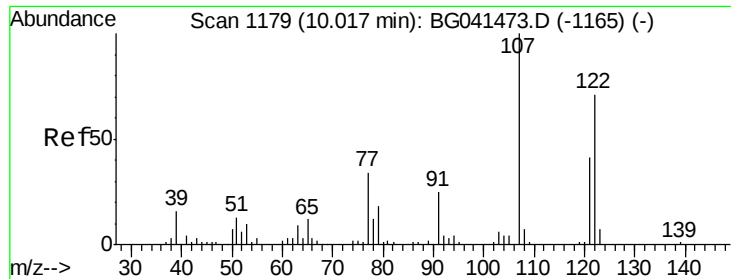
109 41.6 38.6 57.8

65 65.7 52.6 78.8



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

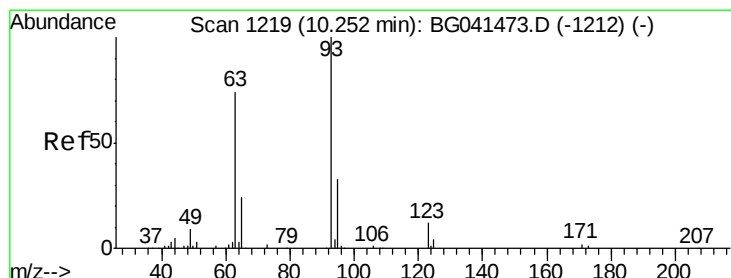
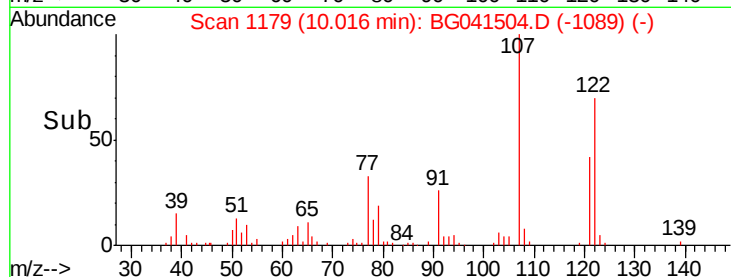
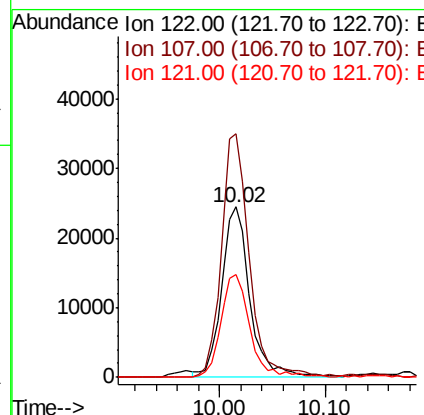
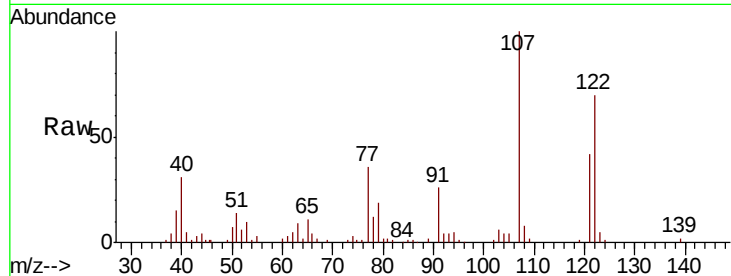




#27
2,4-Dimethylphenol
Concen: 36.170 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

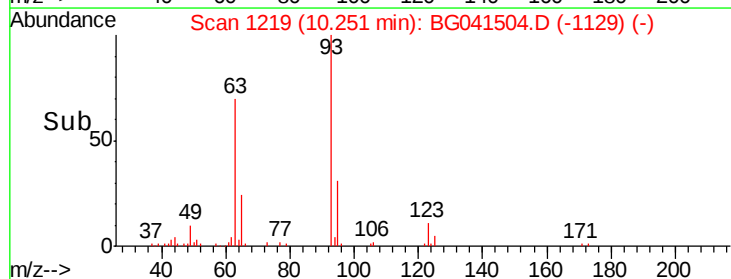
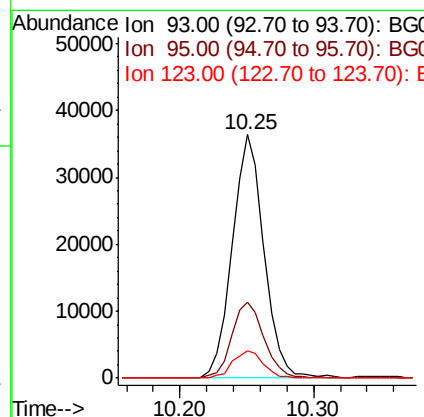
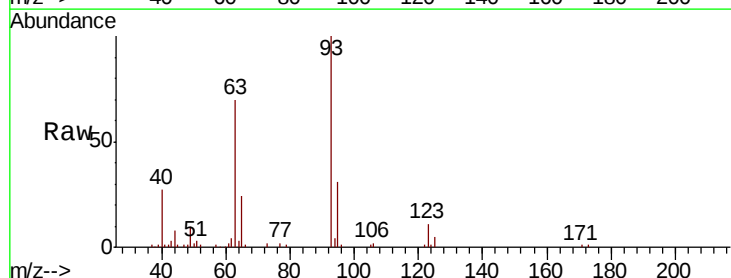
Instrument :
BNA_G
ClientSampleId :
M-10MSD

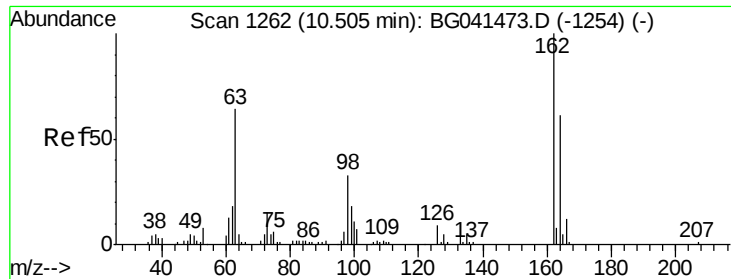
Tgt Ion: 122 Resp: 45634
Ion Ratio Lower Upper
122 100
107 143.0 112.9 169.3
121 60.1 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 29.256 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

Tgt Ion: 93 Resp: 60064
Ion Ratio Lower Upper
93 100
95 31.4 26.2 39.2
123 11.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 32.004 ng

RT: 10.50 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampleId :

M-10MSD

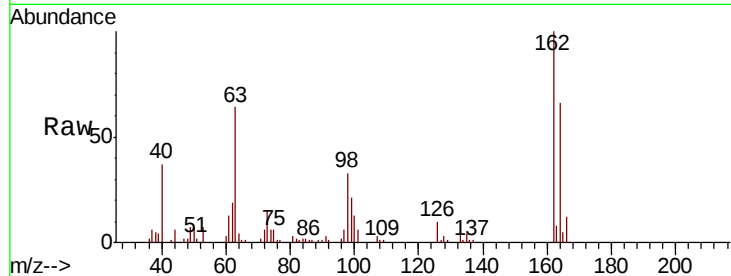
Tgt Ion:162 Resp: 54538

Ion Ratio Lower Upper

162 100

164 65.5 41.3 81.3

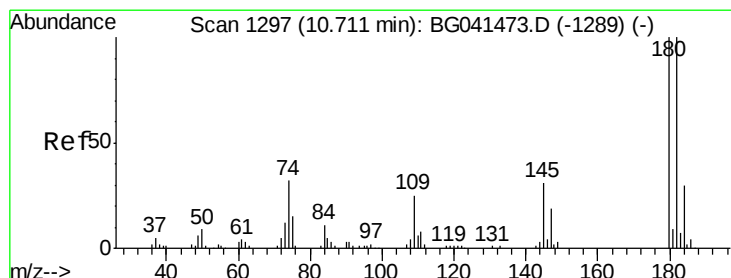
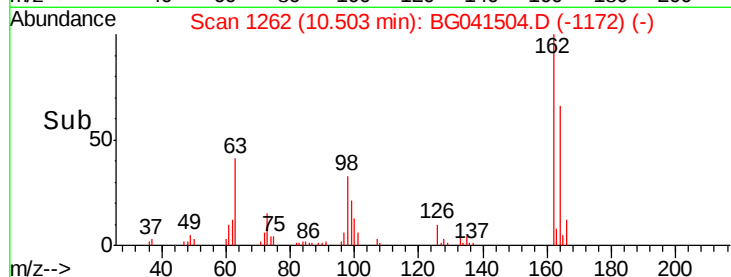
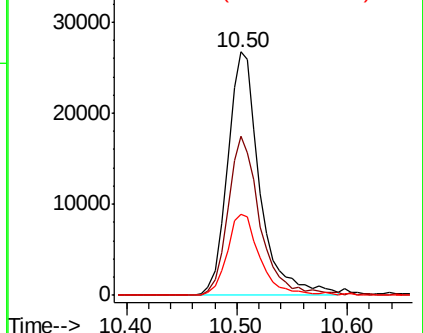
98 33.5 13.2 53.2



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: 29.420 ng

RT: 10.71 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

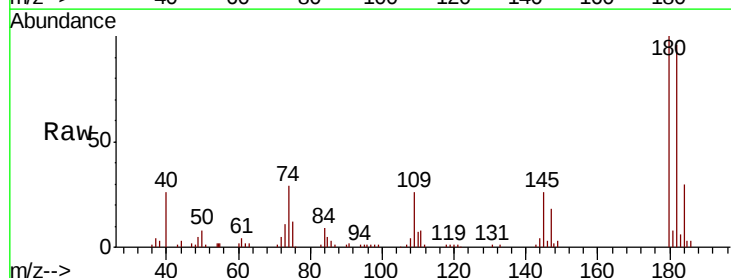
Tgt Ion:180 Resp: 64257

Ion Ratio Lower Upper

180 100

182 95.9 79.9 119.9

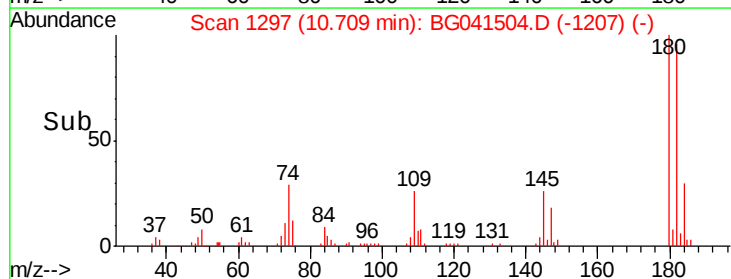
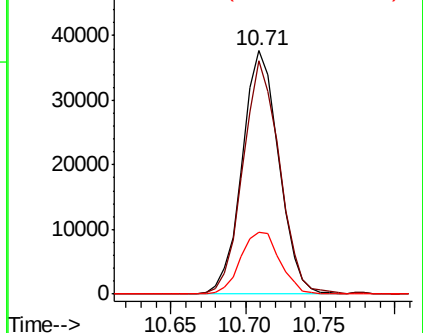
145 25.6 24.7 37.1

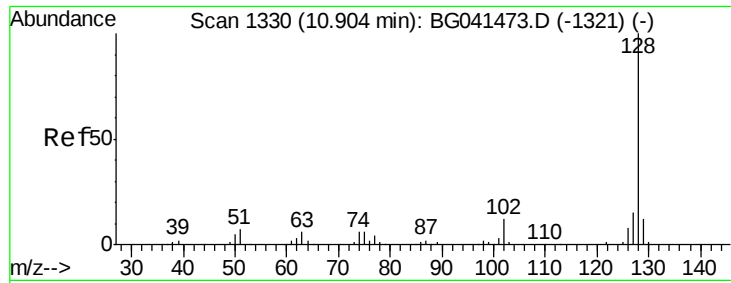


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

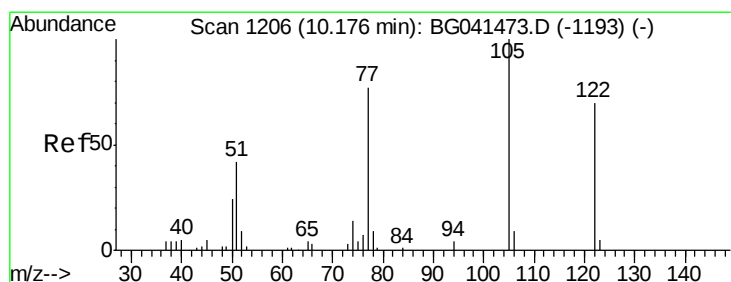
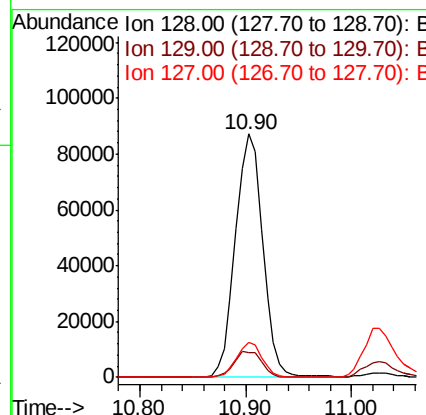
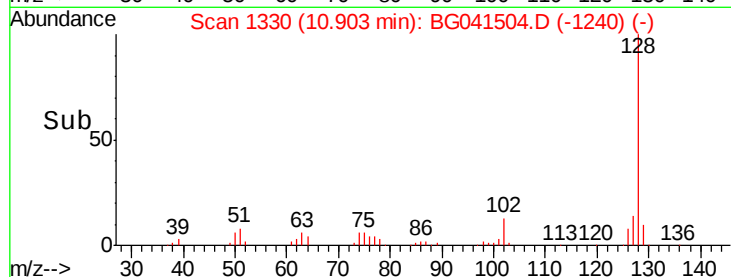
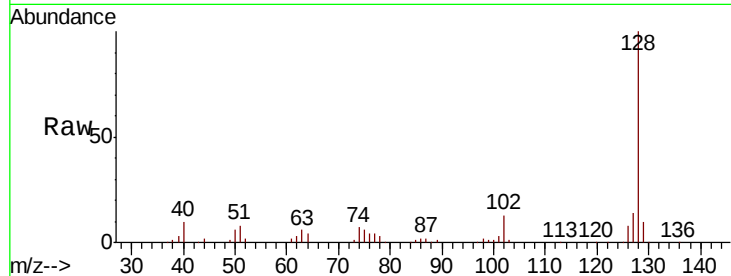




#31
Naphthalene
Concen: 31.392 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

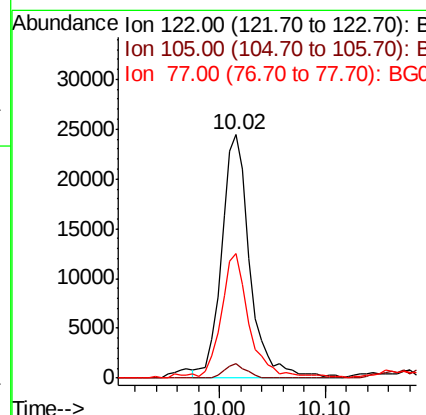
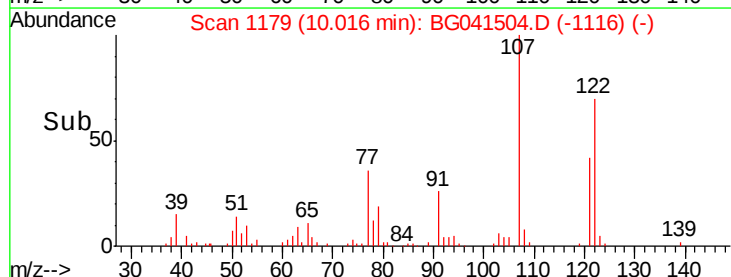
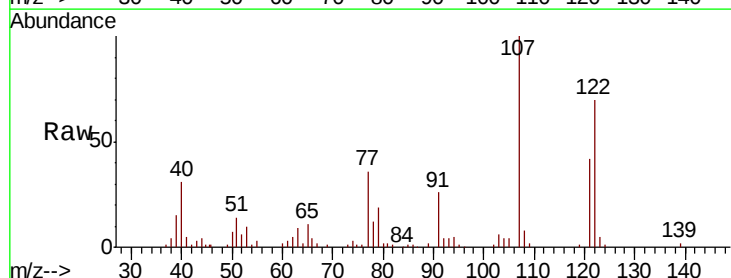
Instrument :
BNA_G
ClientSampleId :
M-10MSD

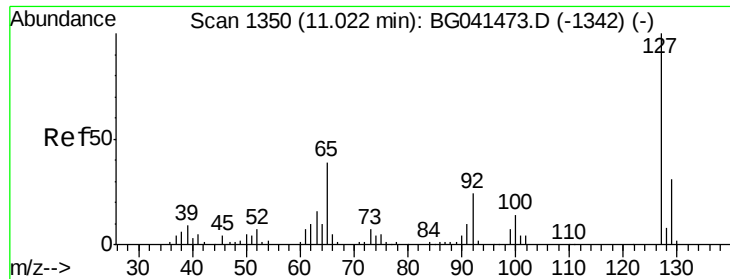
Tgt Ion:128 Resp: 156577
Ion Ratio Lower Upper
128 100
129 10.4 9.7 14.5
127 14.3 11.6 17.4



#32
Benzoic acid
Concen: 56.002 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.16 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

Tgt Ion:122 Resp: 45634
Ion Ratio Lower Upper
122 100
105 5.8 117.8 157.8#
77 51.1 88.9 128.9#

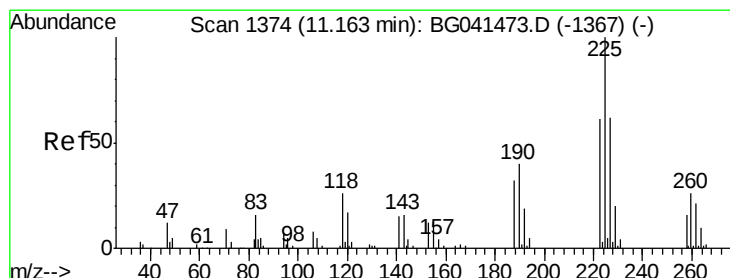
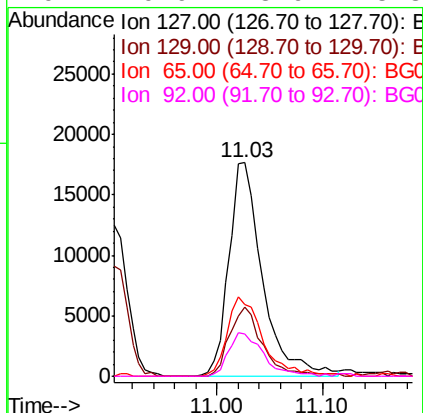
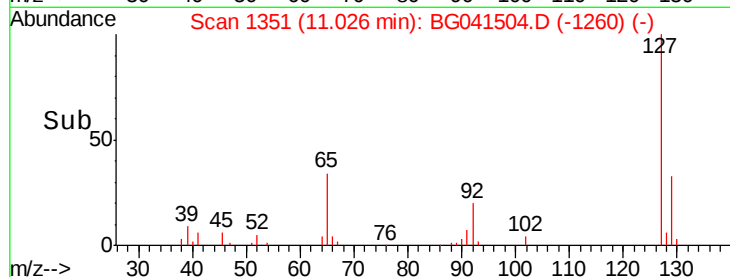
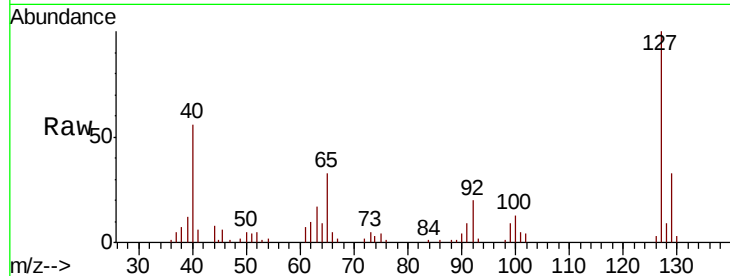




#33
4-Chloroaniline
Concen: 18.562 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

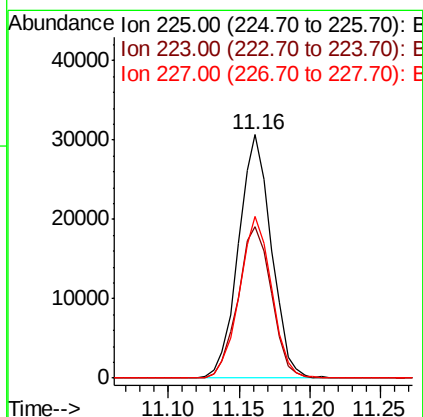
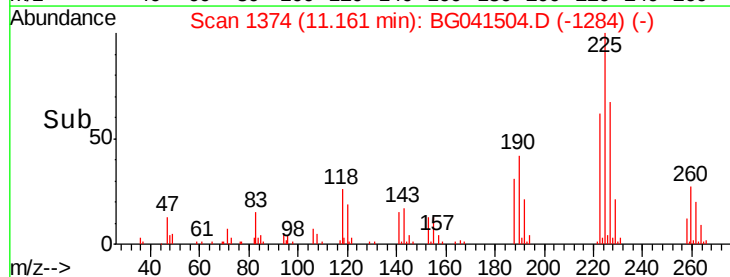
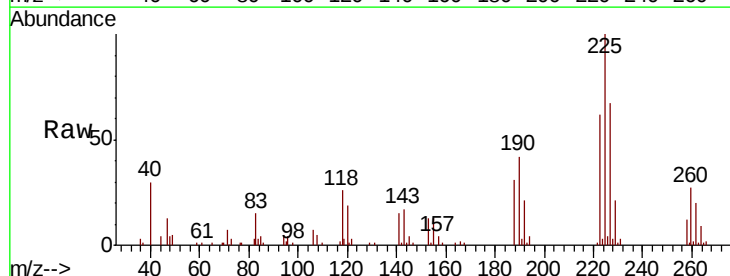
Instrument :
BNA_G
ClientSampleId :
M-10MSD

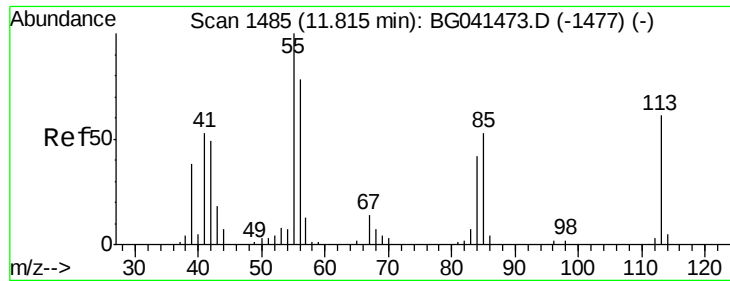
Tgt Ion:127 Resp: 38972
Ion Ratio Lower Upper
127 100
129 32.6 24.6 37.0
65 33.4 31.5 47.3
92 19.9 18.9 28.3



#34
Hexachlorobutadiene
Concen: 28.797 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

Tgt Ion:225 Resp: 49927
Ion Ratio Lower Upper
225 100
223 62.1 48.6 72.8
227 66.7 49.3 73.9

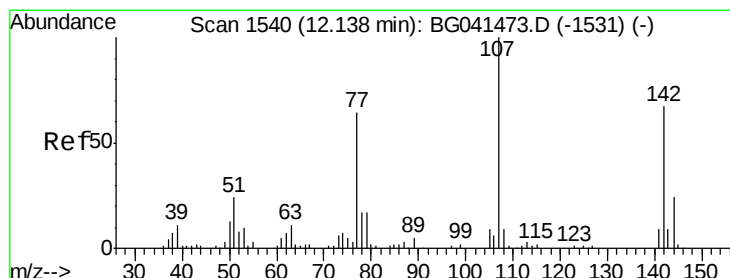
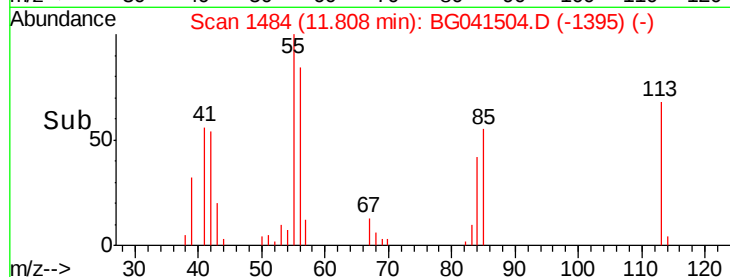
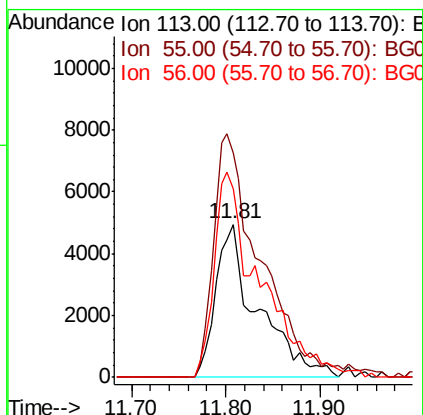
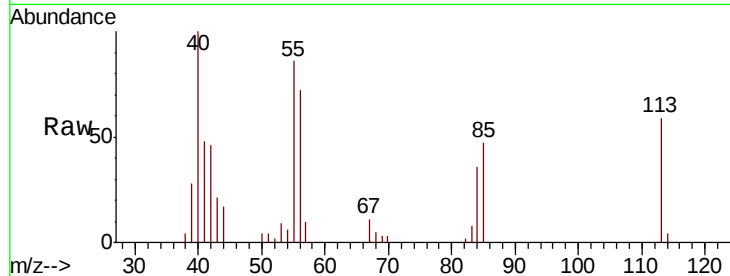




#35
 Caprolactam
 Concen: 28.803 ng
 RT: 11.81 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

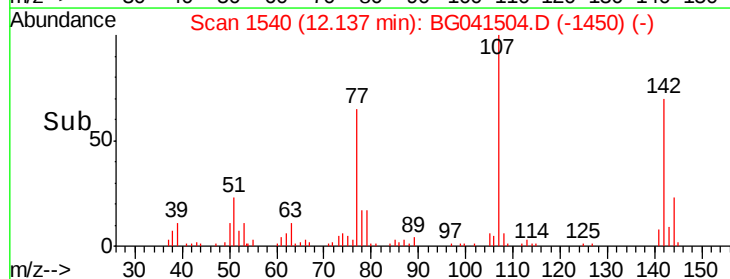
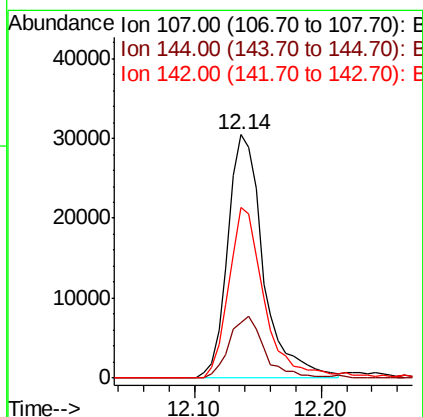
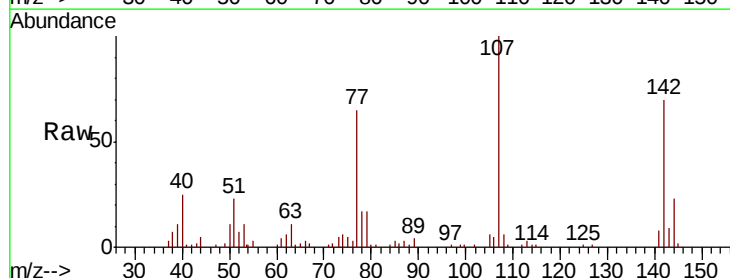
Instrument :
 BNA_G
 ClientSampleId :
 M-10MSD

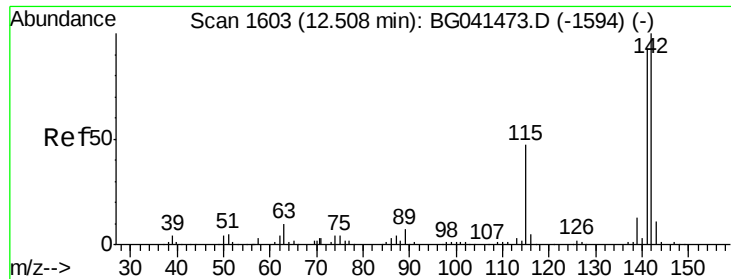
Tgt Ion:113 Resp: 15326
 Ion Ratio Lower Upper
 113 100
 55 146.6 145.1 185.1
 56 123.2 109.4 149.4



#36
 4-Chloro-3-methylphenol
 Concen: 32.066 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

Tgt Ion:107 Resp: 59207
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.4 29.0
 142 70.3 53.8 80.6

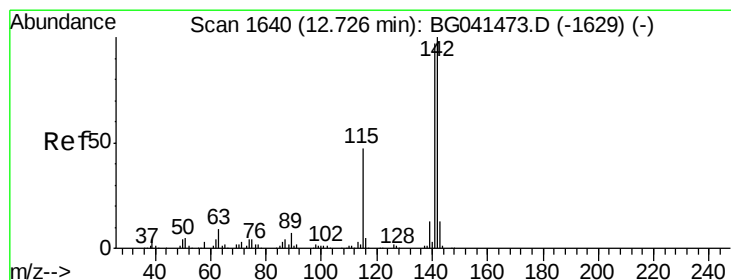
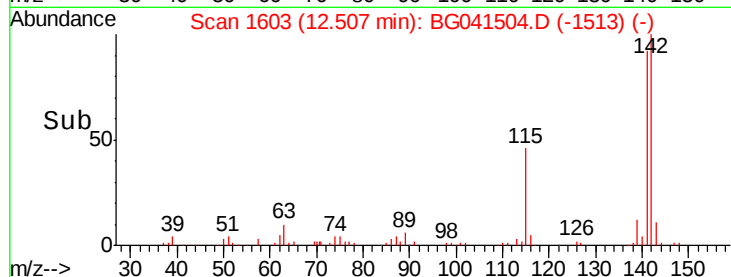
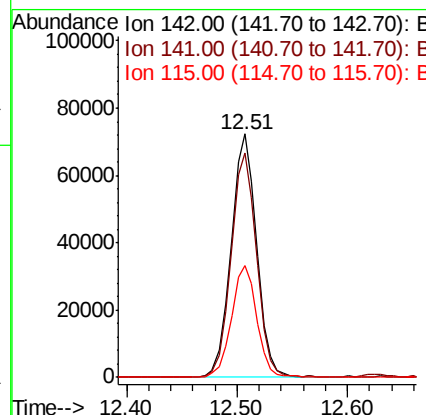
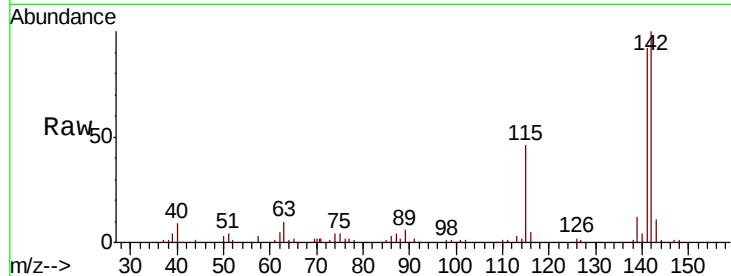




#37
 2-Methylnaphthalene
 Concen: 31.707 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

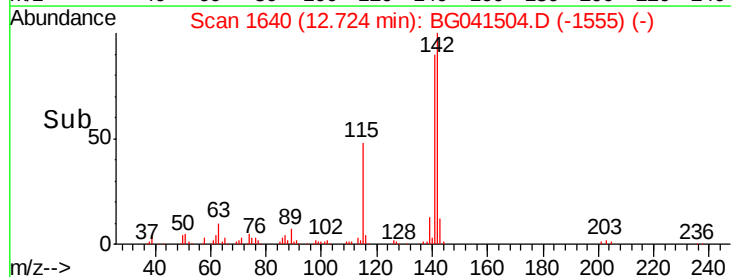
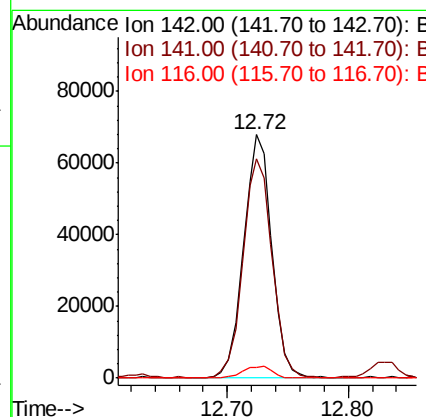
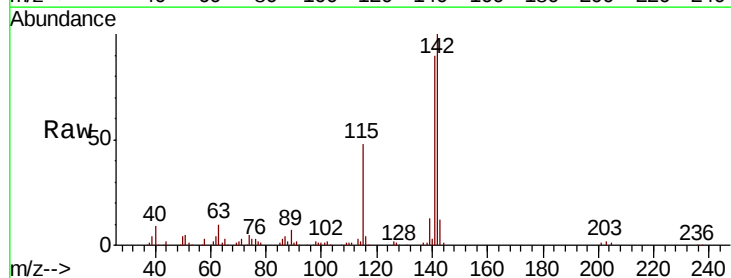
Instrument :
 BNA_G
 ClientSampleId :
 M-10MSD

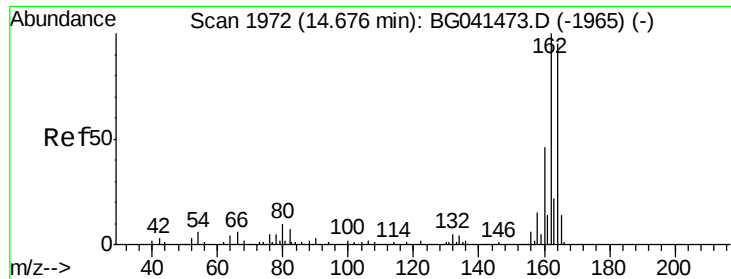
Tgt Ion:142 Resp: 116837
 Ion Ratio Lower Upper
 142 100
 141 92.3 74.8 112.2
 115 46.1 38.0 57.0



#38
 1-Methylnaphthalene
 Concen: 31.207 ng
 RT: 12.72 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

Tgt Ion:142 Resp: 109709
 Ion Ratio Lower Upper
 142 100
 141 89.9 77.4 116.2
 116 4.2 3.8 5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampleId :

M-10MSD

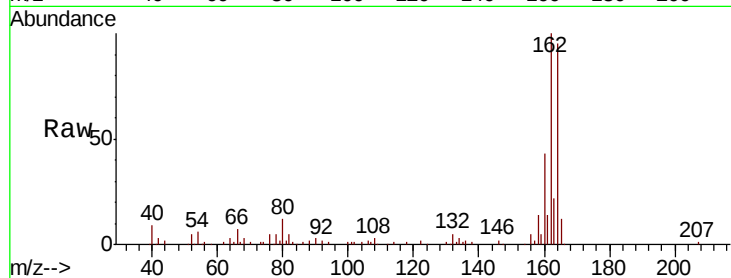
Tgt Ion:164 Resp: 67377

Ion Ratio Lower Upper

164 100

162 105.7 84.4 126.6

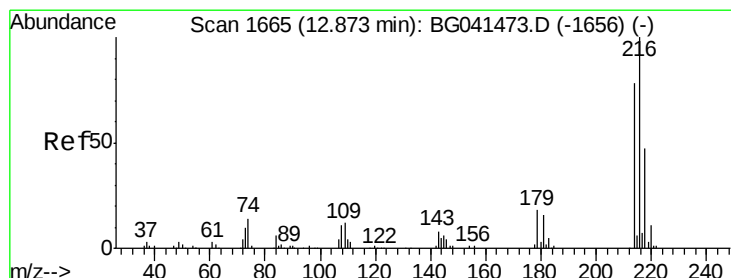
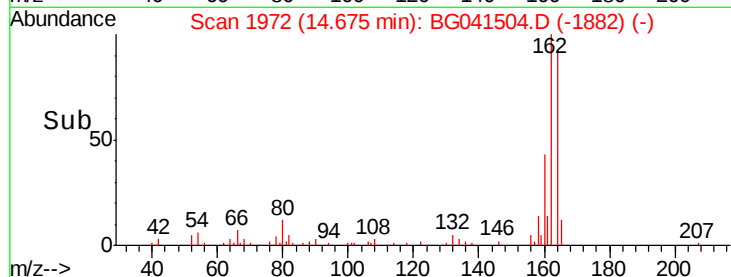
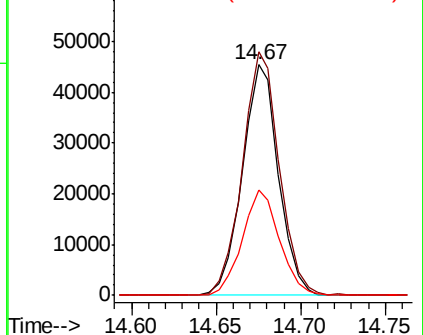
160 45.9 38.8 58.2



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: 30.669 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Tgt Ion:216 Resp: 90991

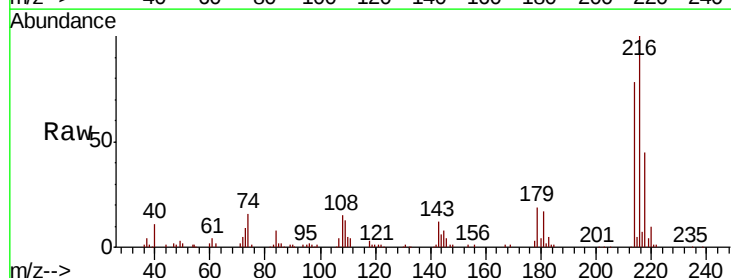
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 18.7 15.1 22.7

108 15.7 11.7 17.5

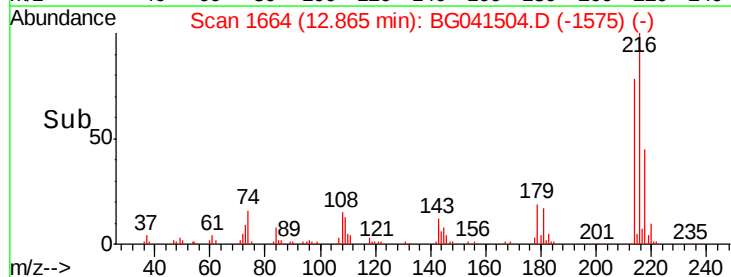
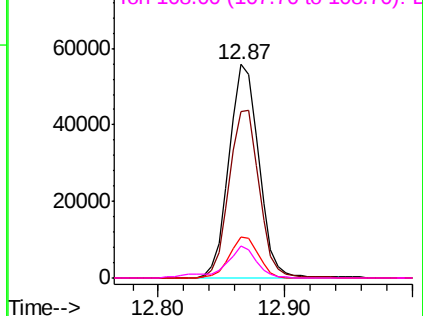


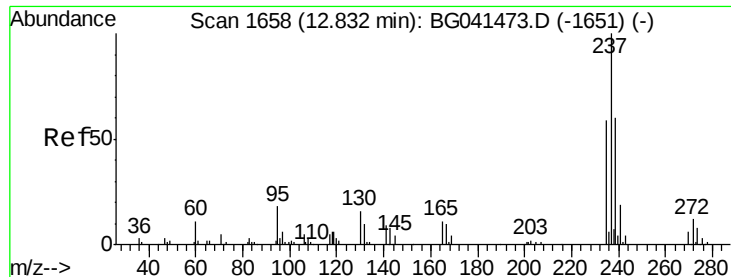
Abundance Ion 216.00 (215.70 to 216.70): E

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: 46.038 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampleId :

M-10MSD

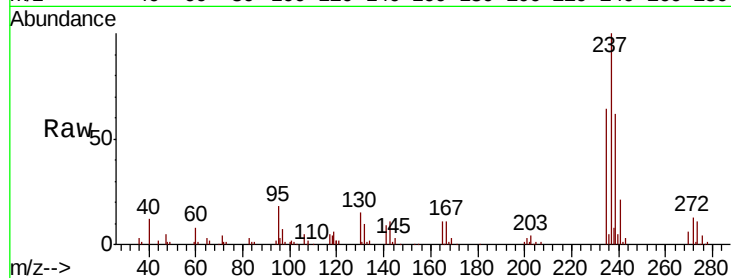
Tgt Ion: 237 Resp: 71496

Ion Ratio Lower Upper

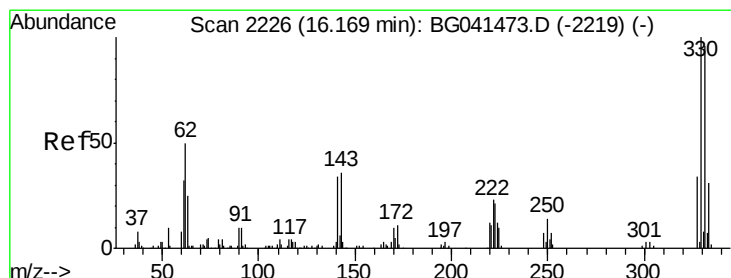
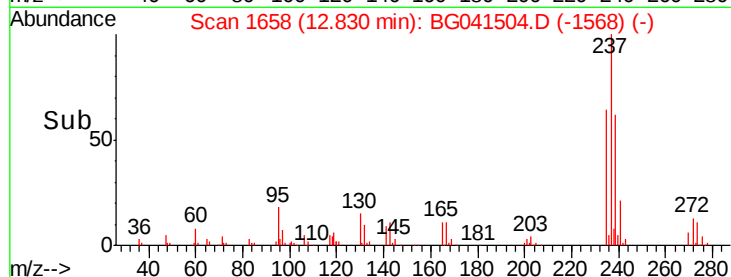
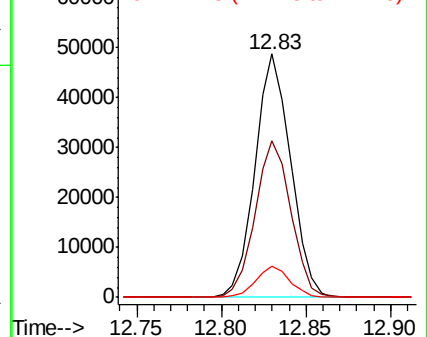
237 100

235 64.3 39.1 79.1

272 12.6 0.0 31.5



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: 108.925 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

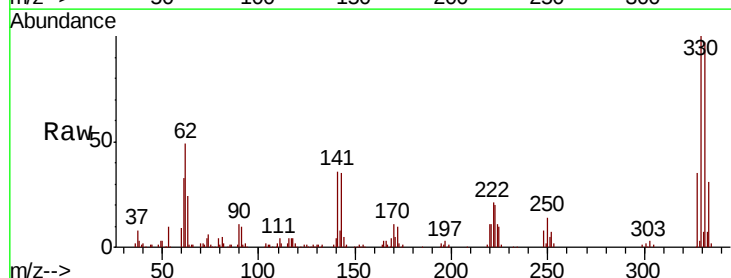
Tgt Ion: 330 Resp: 125309

Ion Ratio Lower Upper

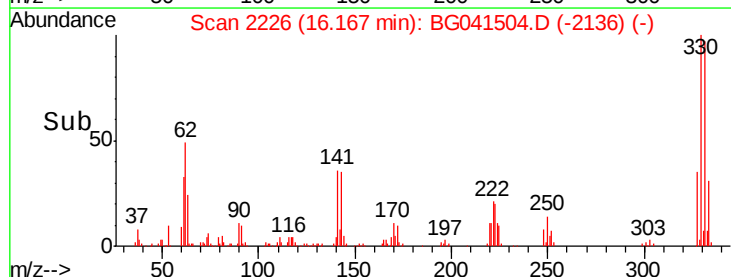
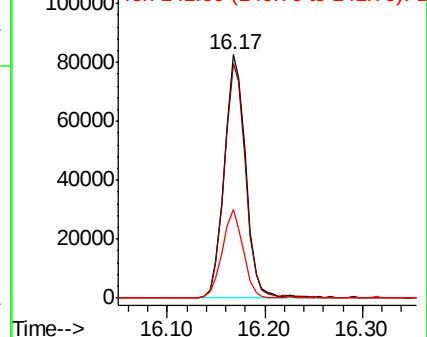
330 100

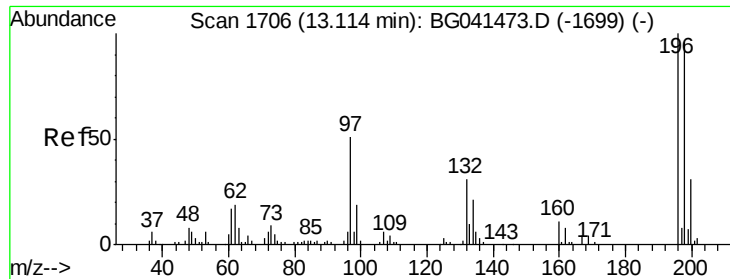
332 96.5 75.5 113.3

141 35.5 27.8 41.6



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

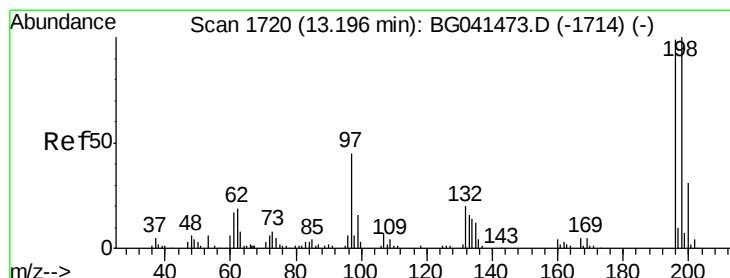
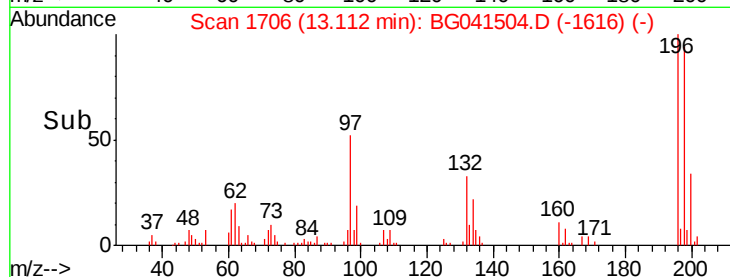
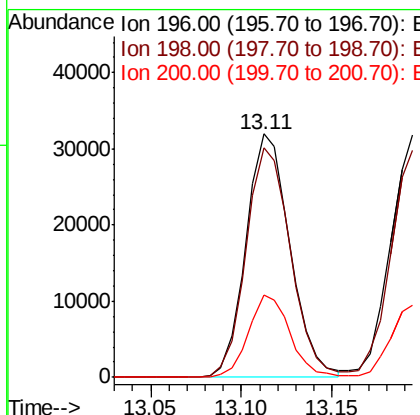
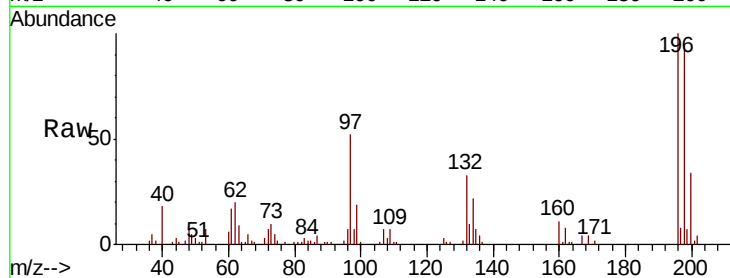




#43
 2,4,6-Trichlorophenol
 Concen: 30.612 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

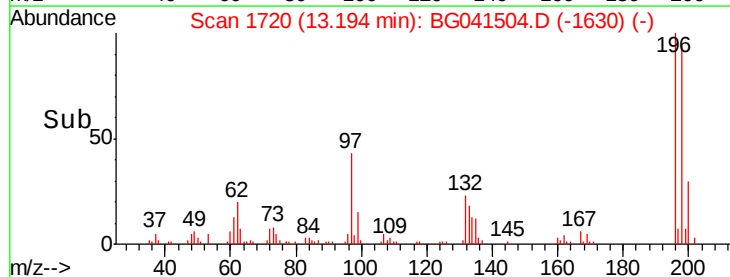
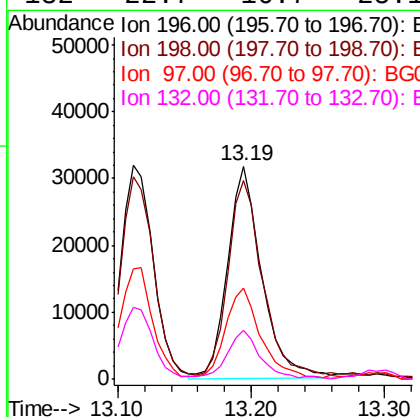
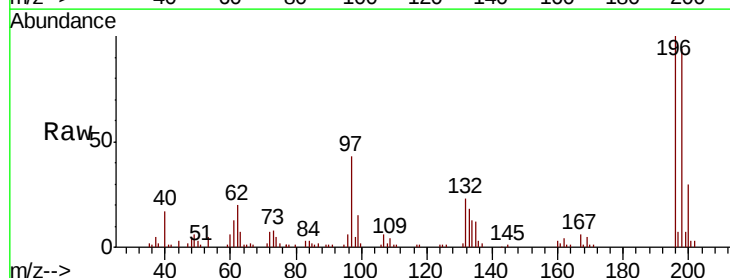
Instrument :
 BNA_G
 ClientSampled :
 M-10MSD

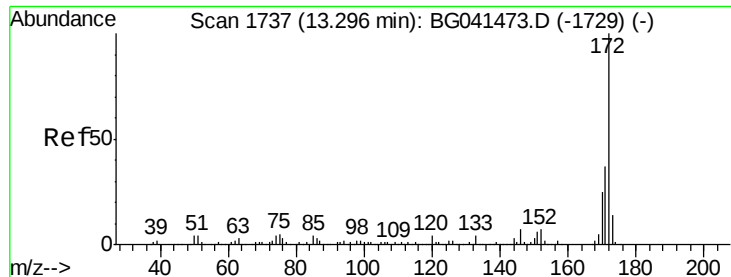
Tgt Ion:196 Resp: 53884
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.7 115.1
 200 33.7 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 32.547 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

Tgt Ion:196 Resp: 57077
 Ion Ratio Lower Upper
 196 100
 198 93.6 80.5 120.7
 97 43.0 36.5 54.7
 132 22.7 16.7 25.1

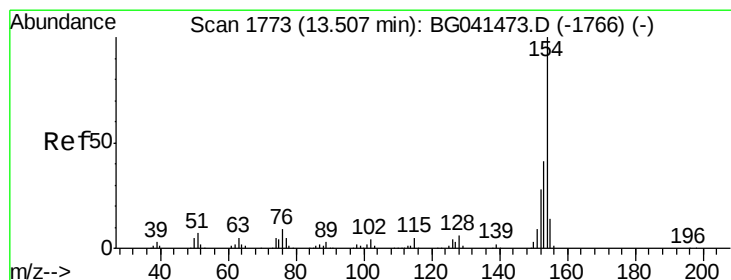
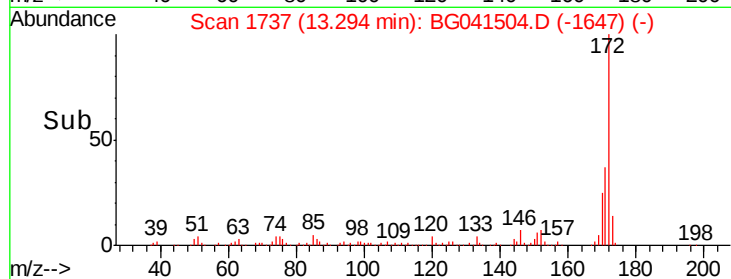
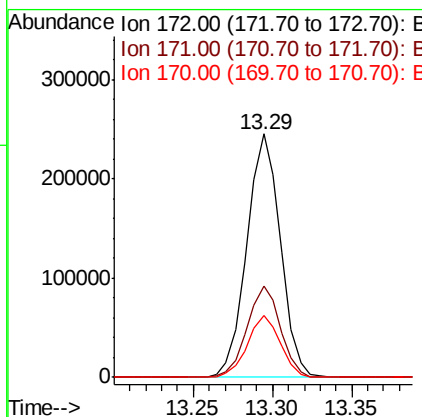
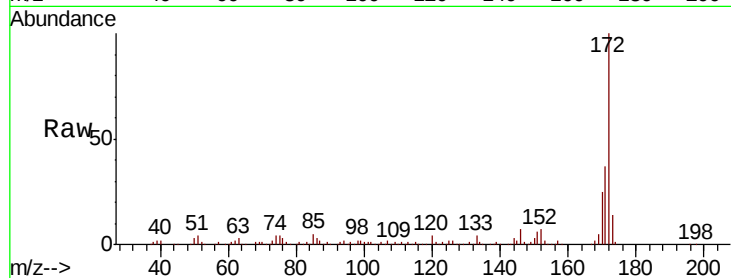




#45
 2-Fluorobiphenyl
 Concen: 68.866 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

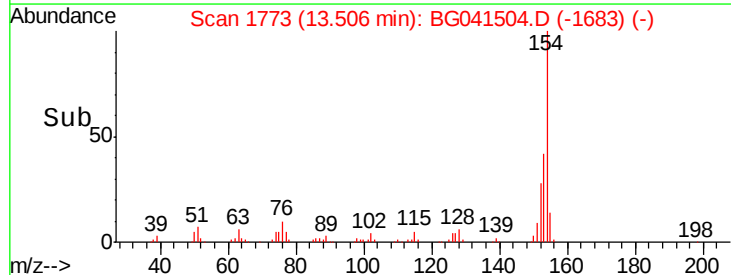
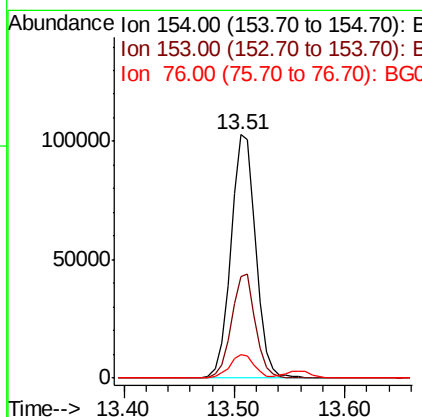
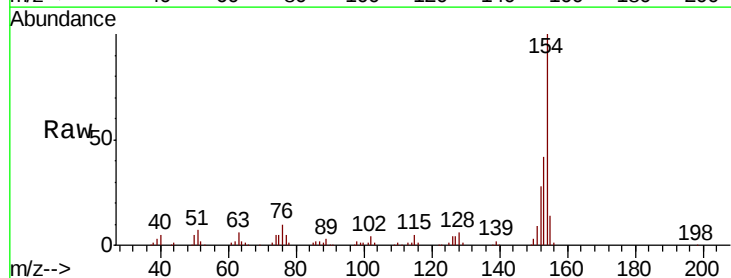
Instrument :
 BNA_G
 ClientSampleId :
 M-10MSD

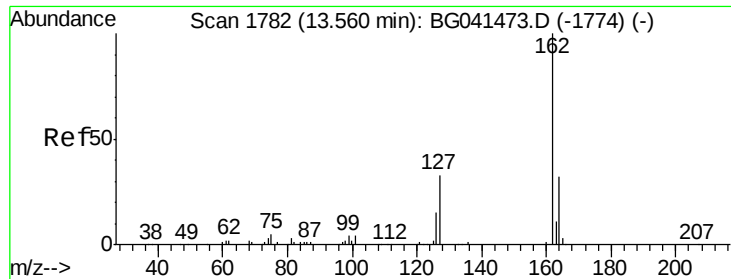
Tgt Ion:172 Resp: 361579
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.6 44.4
 170 25.3 20.0 30.0



#46
 1,1'-Biphenyl
 Concen: 30.492 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

Tgt Ion:154 Resp: 162175
 Ion Ratio Lower Upper
 154 100
 153 41.8 20.9 60.9
 76 9.6 0.0 29.4

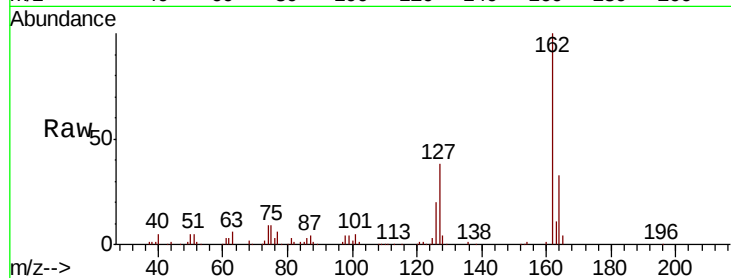




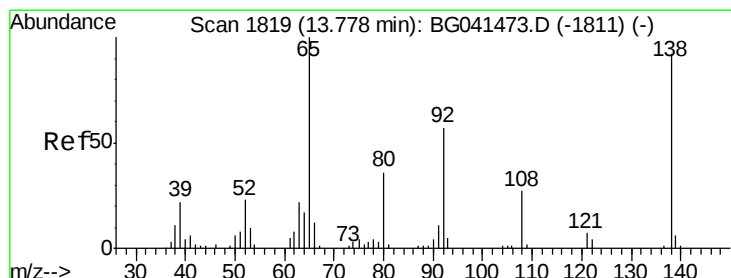
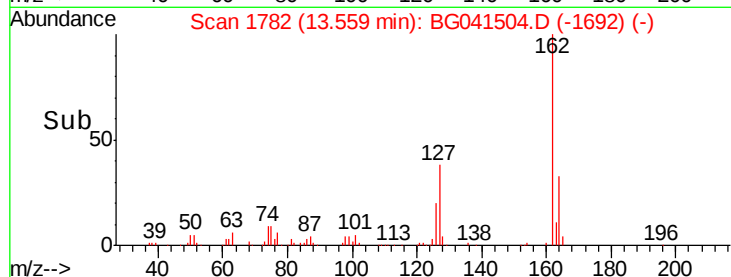
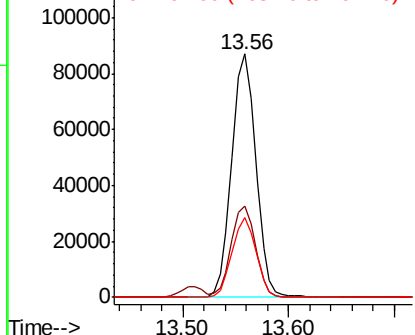
#47
2-Chloronaphthalene
Concen: 30.180 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampleId :
M-10MSD

Tgt Ion: 162 Resp: 137809
Ion Ratio Lower Upper
162 100
127 37.6 30.0 45.0
164 33.0 25.8 38.6

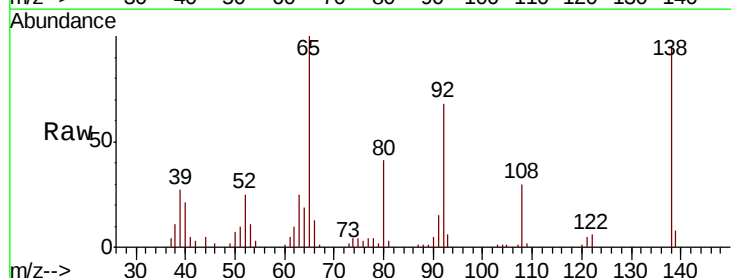


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

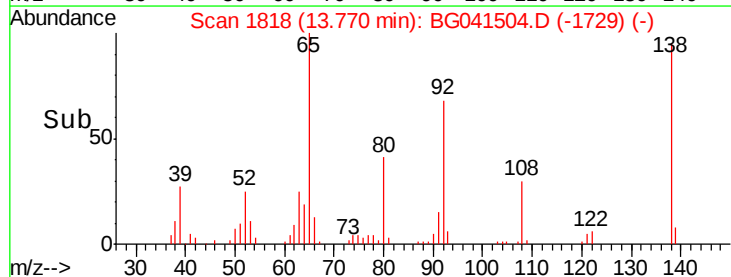
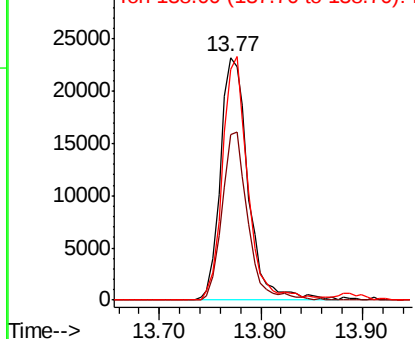


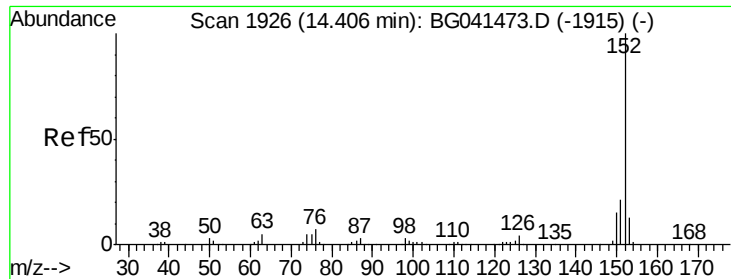
#48
2-Nitroaniline
Concen: 28.539 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

Tgt Ion: 65 Resp: 44175
Ion Ratio Lower Upper
65 100
92 68.3 45.9 68.9
138 95.1 73.4 110.2



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





#49

Acenaphthylene

Concen: 31.609 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampleId :

M-10MSD

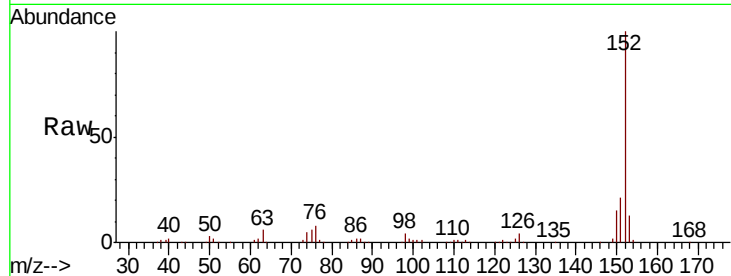
Tgt Ion:152 Resp: 215734

Ion Ratio Lower Upper

152 100

151 21.0 16.7 25.1

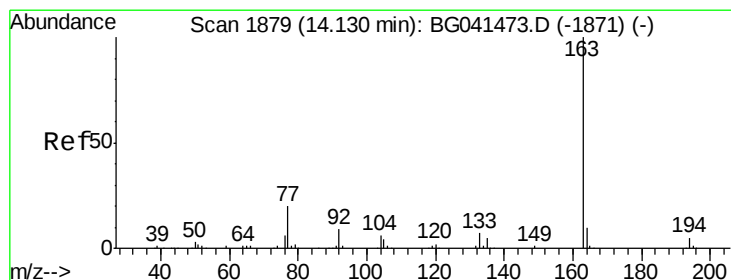
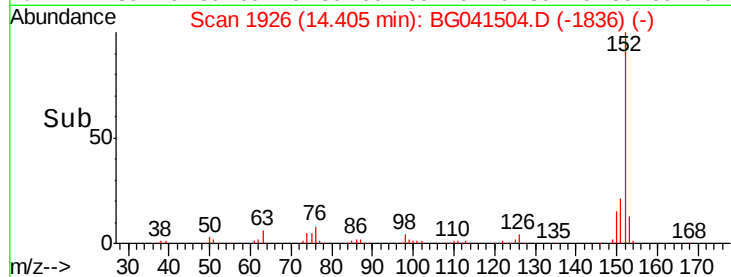
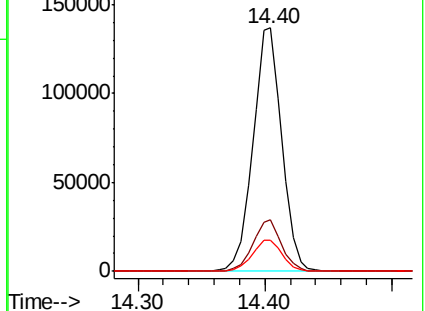
153 12.6 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.261 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

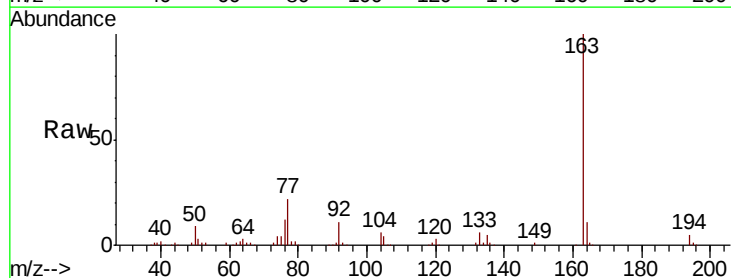
Tgt Ion:163 Resp: 265251

Ion Ratio Lower Upper

163 100

194 5.0 3.7 5.5

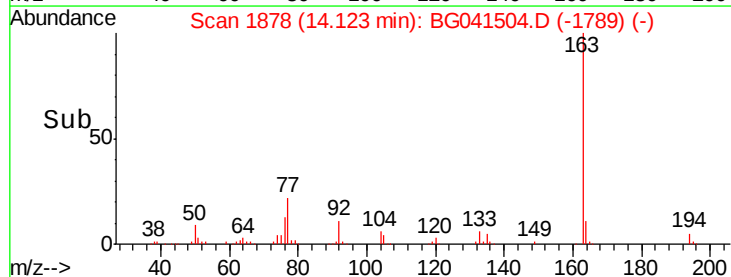
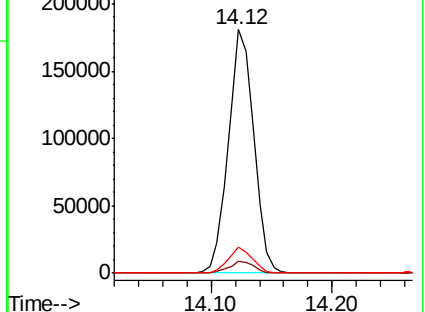
164 10.8 7.8 11.6

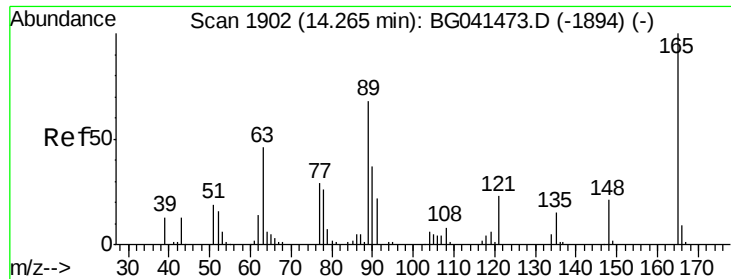


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

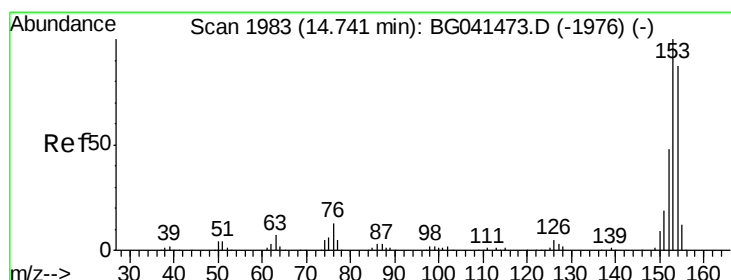
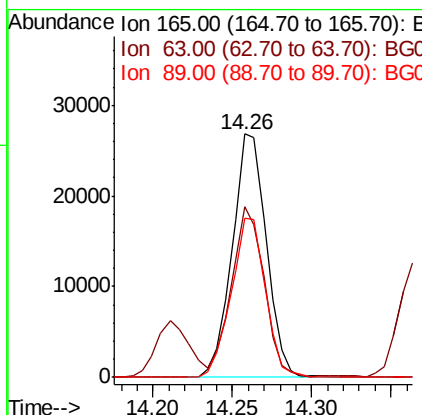
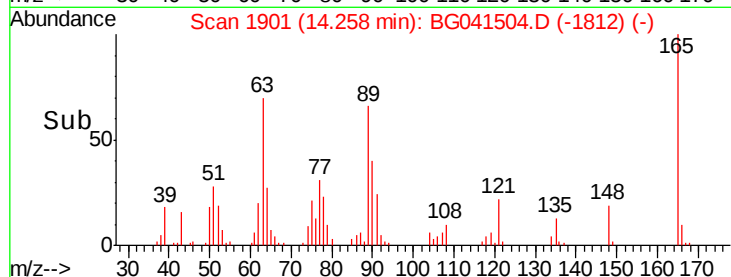
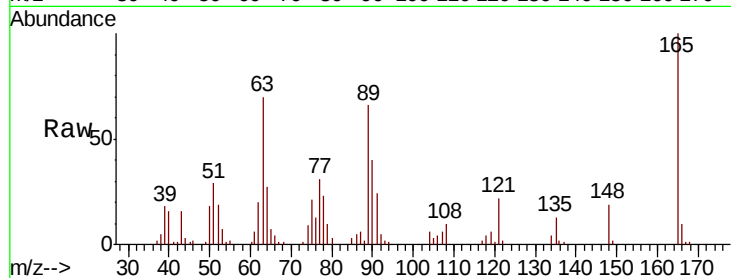




#51
 2,6-Dinitrotoluene
 Concen: 30.706 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

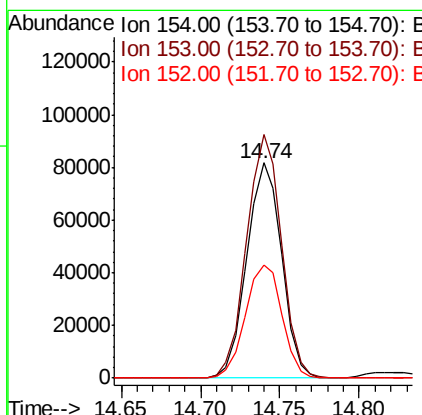
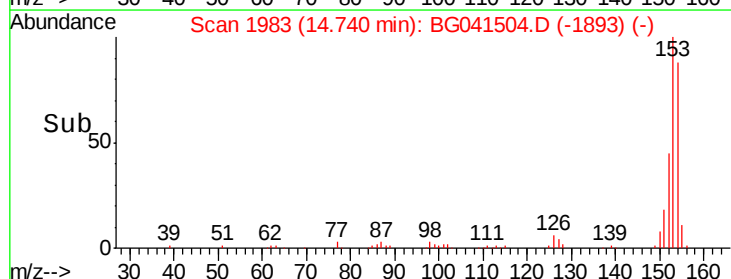
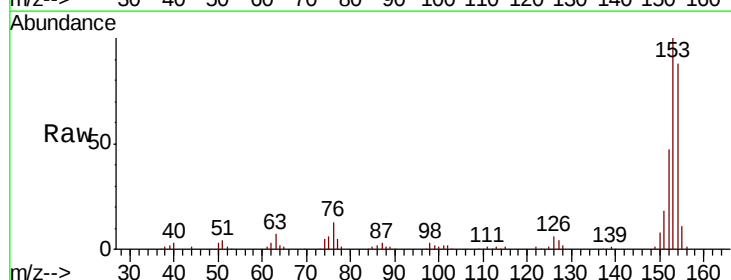
Instrument :
 BNA_G
 ClientSampleId :
 M-10MSD

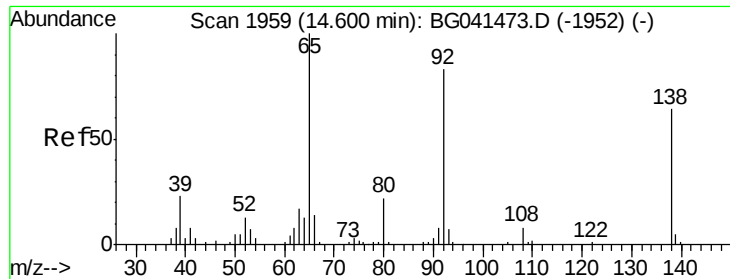
Tgt Ion:165 Resp: 39954
 Ion Ratio Lower Upper
 165 100
 63 70.2 56.4 84.6
 89 65.6 54.6 81.8



#52
 Acenaphthene
 Concen: 30.868 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

Tgt Ion:154 Resp: 124934
 Ion Ratio Lower Upper
 154 100
 153 113.3 92.2 138.4
 152 52.8 44.1 66.1





#53

3-Nitroaniline

Concen: 24.403 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampleId :

M-10MSD

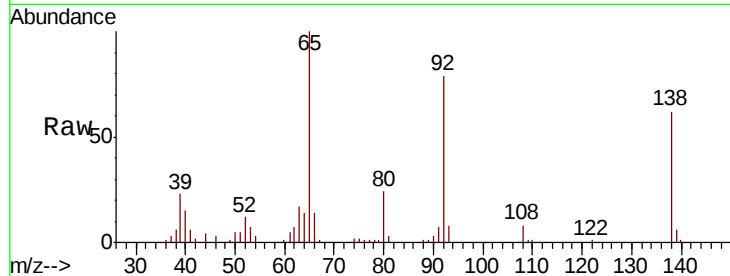
Tgt Ion:138 Resp: 30313

Ion Ratio Lower Upper

138 100

108 12.7 9.5 14.3

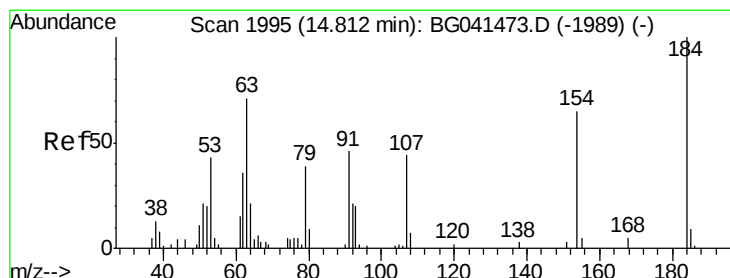
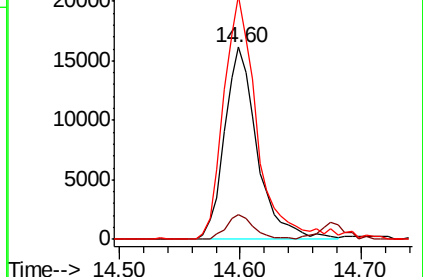
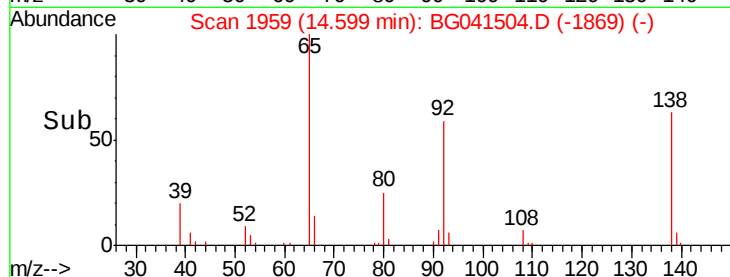
92 126.6 103.3 154.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 17.452 ng

RT: 14.82 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

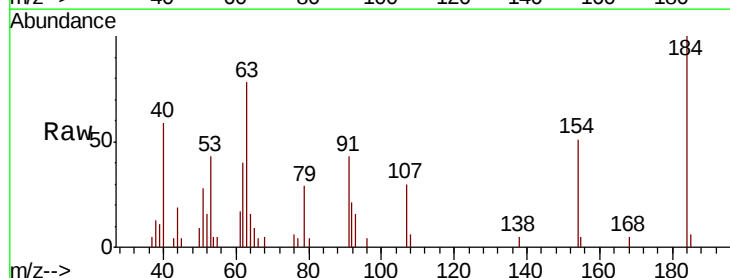
Tgt Ion:184 Resp: 9095

Ion Ratio Lower Upper

184 100

63 77.9 56.5 84.7

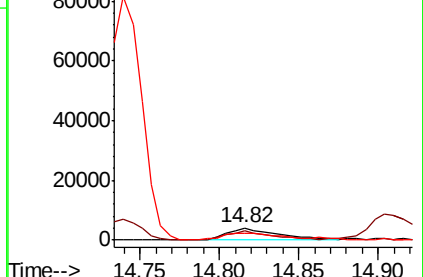
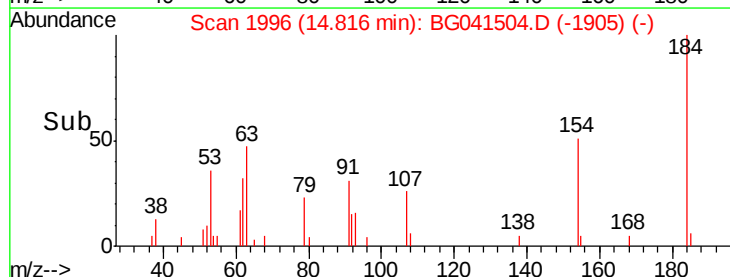
154 51.0 54.2 81.4#

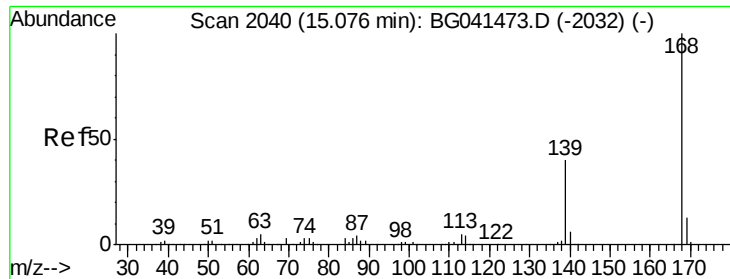


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

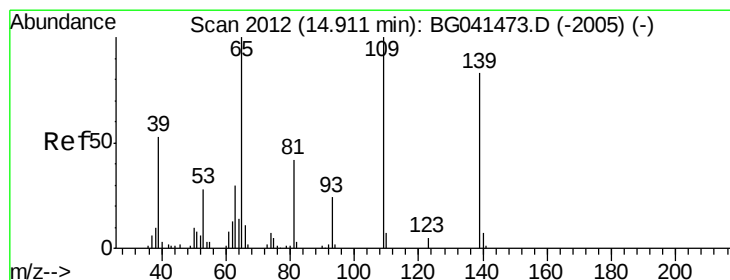
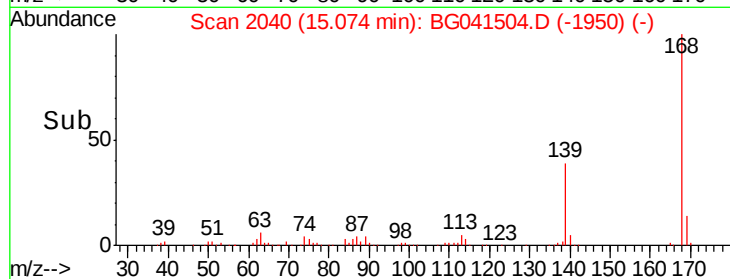
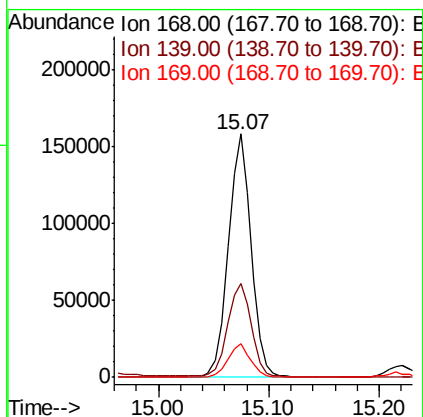
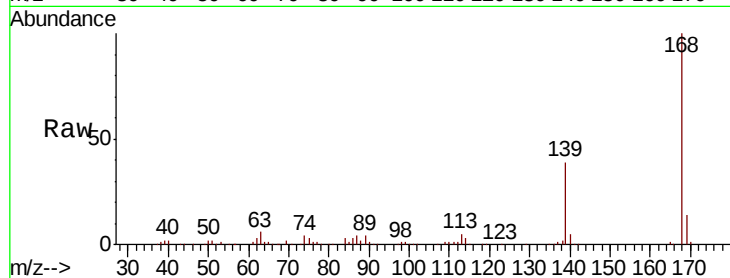




#55
Dibenzenofuran
Concen: 32.370 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

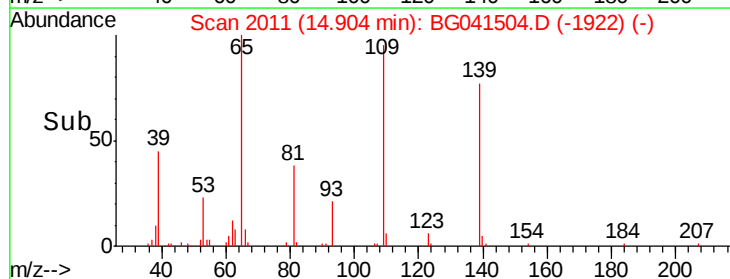
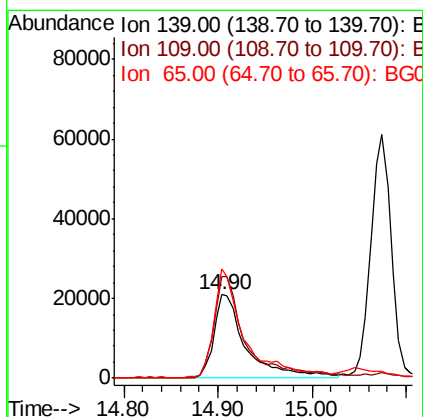
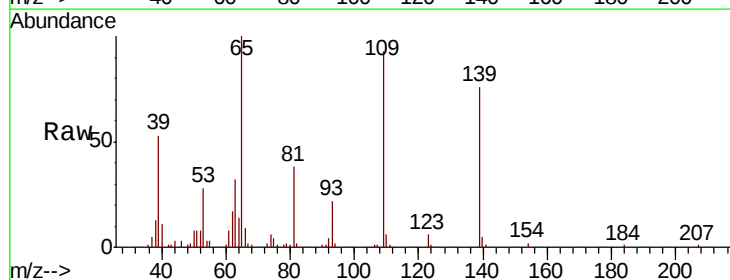
Instrument :
BNA_G
ClientSampleId :
M-10MSD

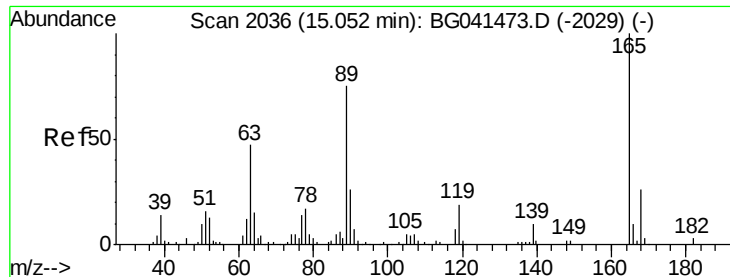
Tgt Ion:168 Resp: 228075
Ion Ratio Lower Upper
168 100
139 38.6 32.2 48.4
169 13.8 10.6 16.0



#56
4-Nitrophenol
Concen: 63.186 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

Tgt Ion:139 Resp: 50653
Ion Ratio Lower Upper
139 100
109 122.2 99.9 139.9
65 131.8 100.6 140.6

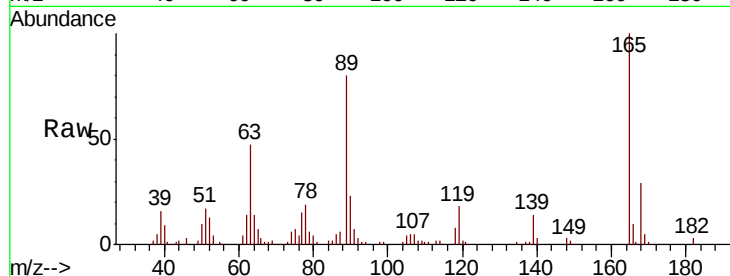




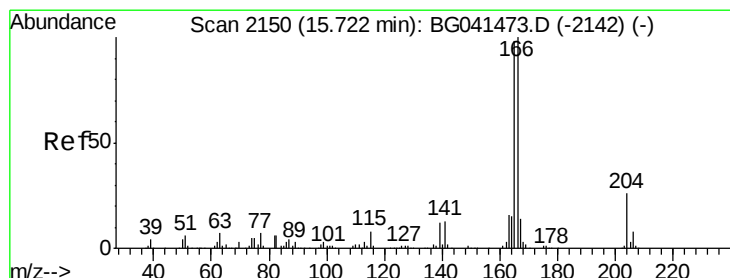
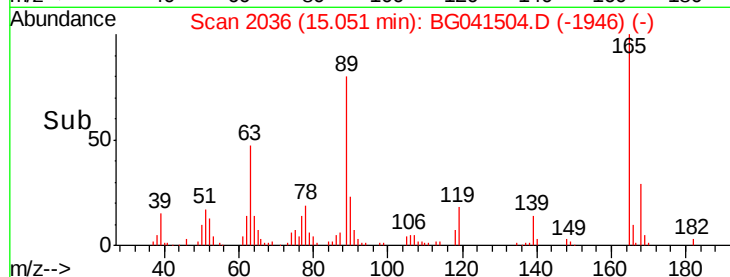
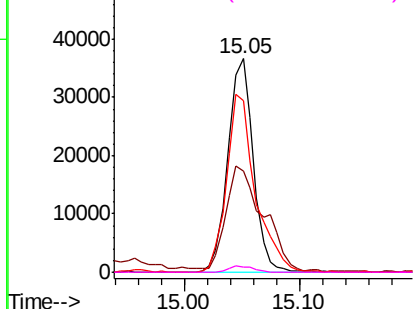
#57
2,4-Dinitrotoluene
Concen: 29.538 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampleId :
M-10MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.4	38.8	58.2
89	80.3	60.1	90.1
182	2.6	2.2	3.2

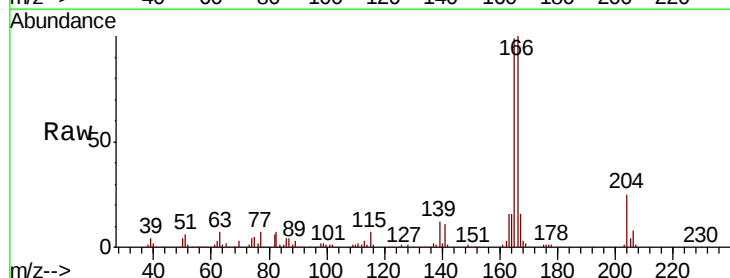


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

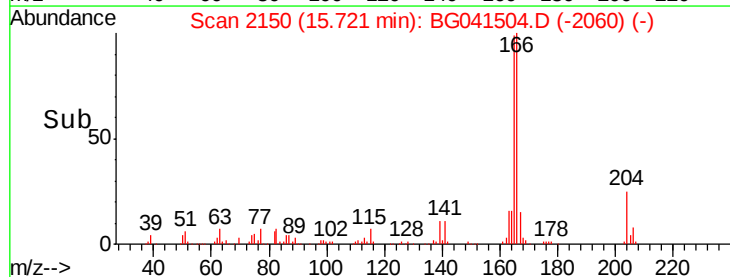
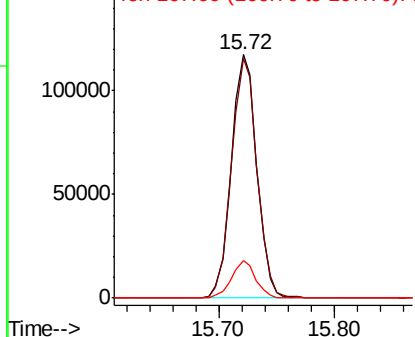


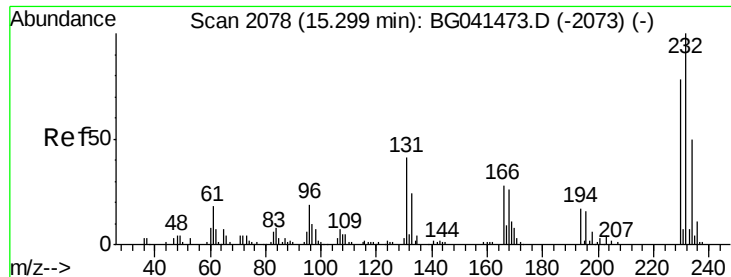
#58
Fluorene
Concen: 31.879 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	15.6	11.4	17.0



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

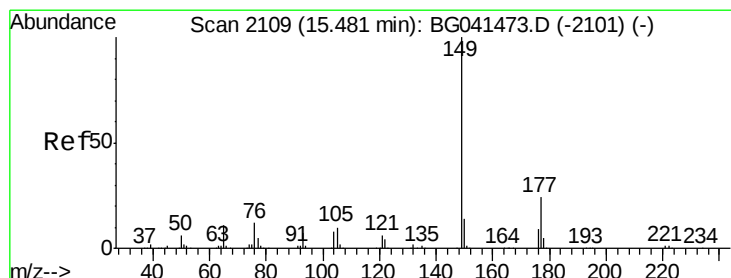
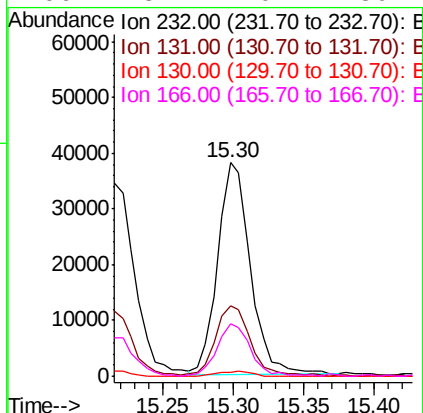
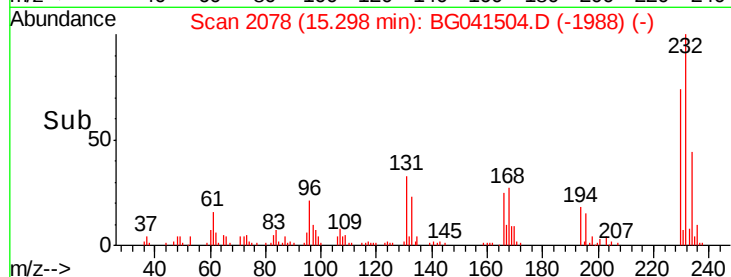
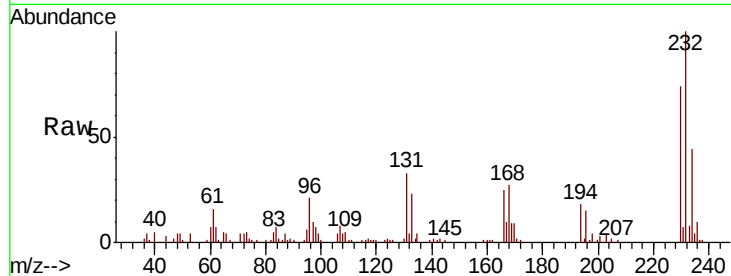




#59
2,3,4,6-Tetrachlorophenol
Concen: 33.279 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

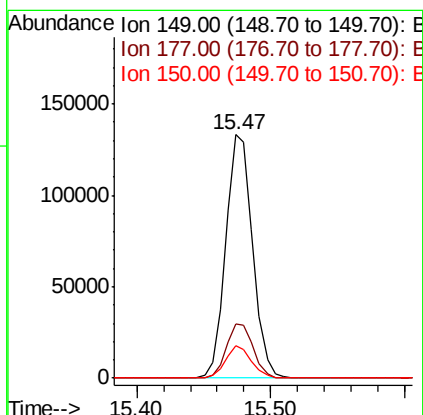
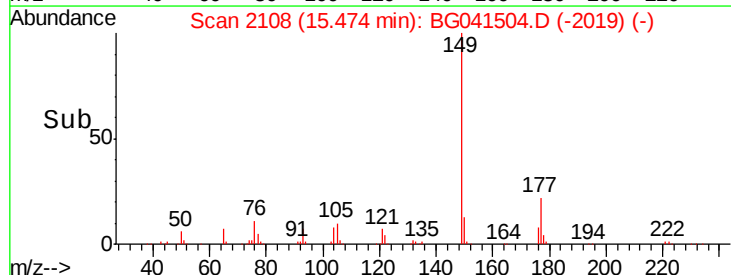
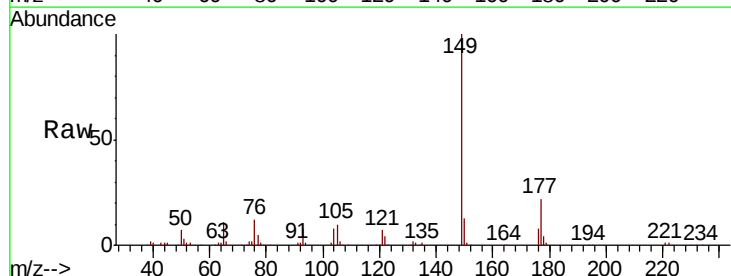
Instrument :
BNA_G
ClientSampleId :
M-10MSD

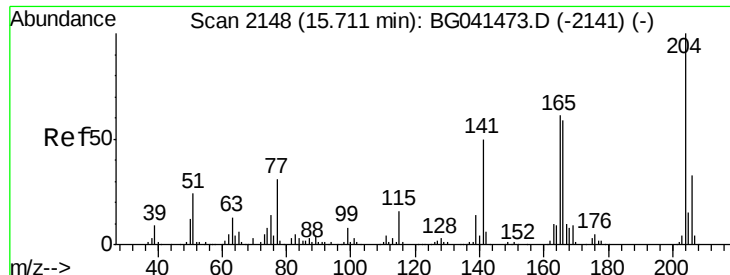
Tgt Ion: 232 Resp: 61524
Ion Ratio Lower Upper
232 100
131 35.6 29.8 44.6
130 2.3 2.0 3.0
166 25.4 20.2 30.2



#60
Diethylphthalate
Concen: 29.847 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

Tgt Ion: 149 Resp: 187324
Ion Ratio Lower Upper
149 100
177 22.3 19.2 28.8
150 13.2 11.2 16.8

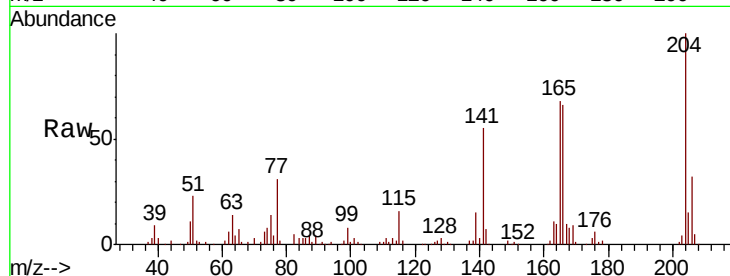




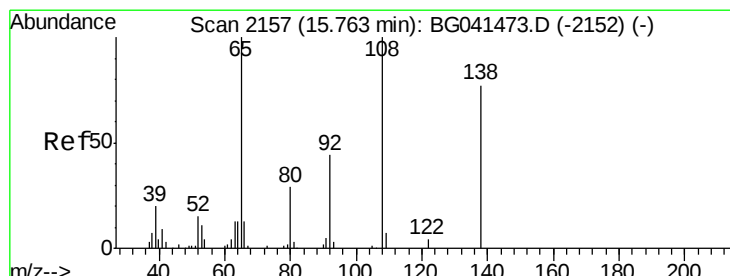
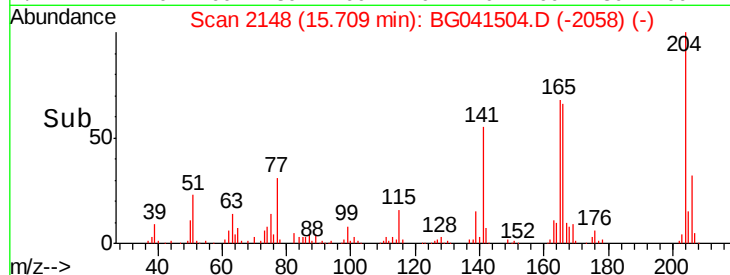
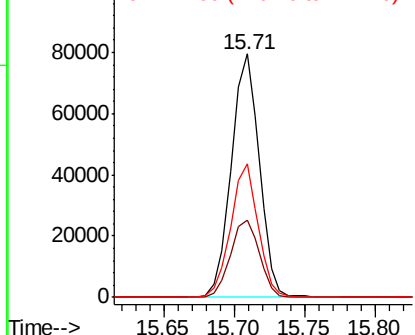
#61
 4-Chlorophenyl-phenylether
 Concen: 30.376 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

Instrument :
 BNA_G
 ClientSampleId :
 M-10MSD

Tgt Ion: 204 Resp: 109827
 Ion Ratio Lower Upper
 204 100
 206 31.6 26.6 40.0
 141 54.7 40.1 60.1

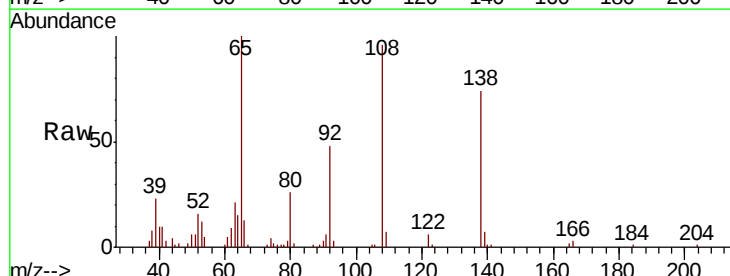


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

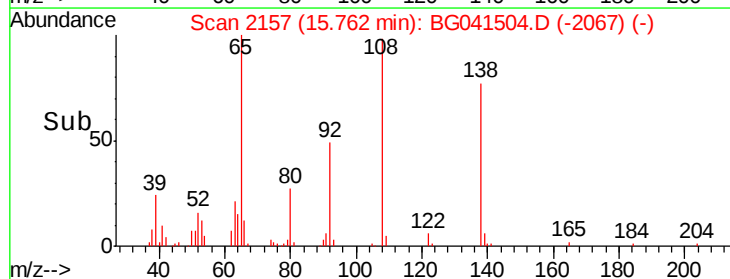
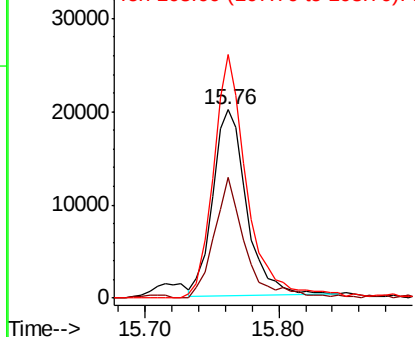


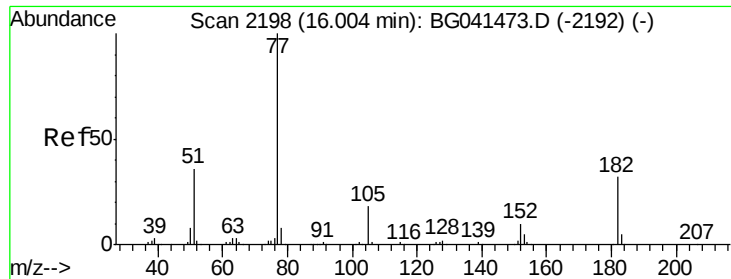
#62
 4-Nitroaniline
 Concen: 29.470 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 2:34

Tgt Ion: 138 Resp: 35677
 Ion Ratio Lower Upper
 138 100
 92 63.9 34.9 74.9
 108 129.4 105.5 145.5



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

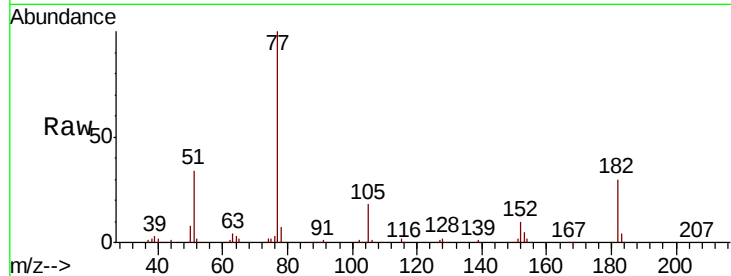




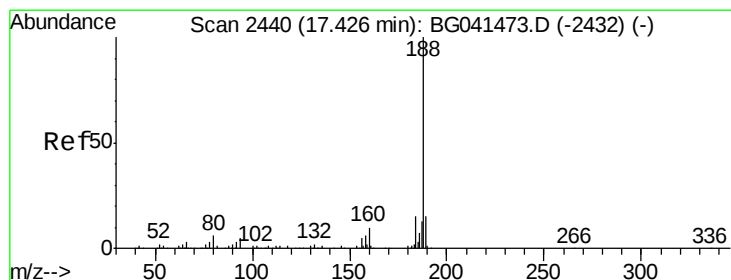
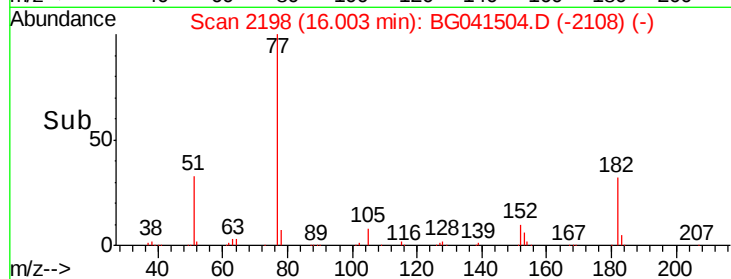
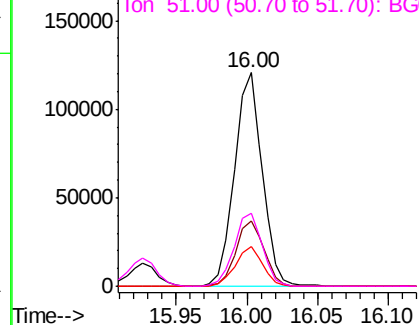
#63
Azobenzene
Concen: 31.087 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampleId :
M-10MSD

Tgt Ion:	77	Resp:	164498
Ion	Ratio	Lower	Upper
77	100		
182	30.5	12.2	52.2
105	18.3	0.0	38.1
51	34.3	15.9	55.9

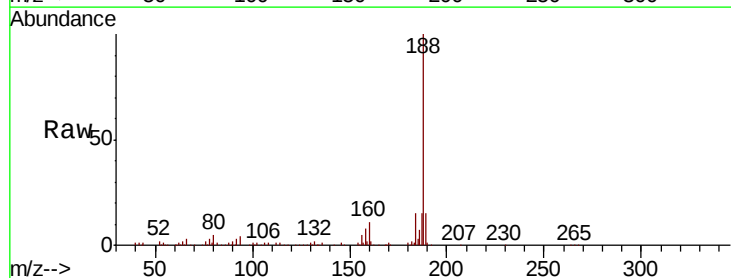


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

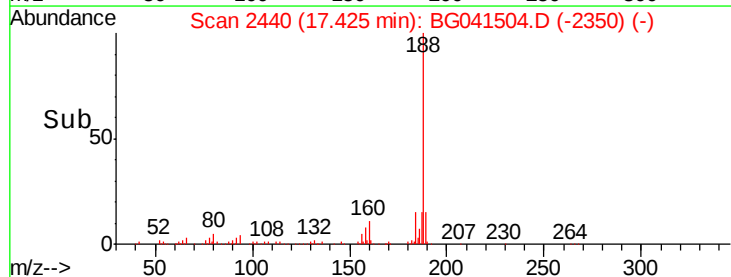
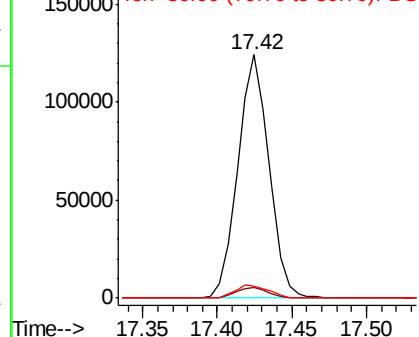


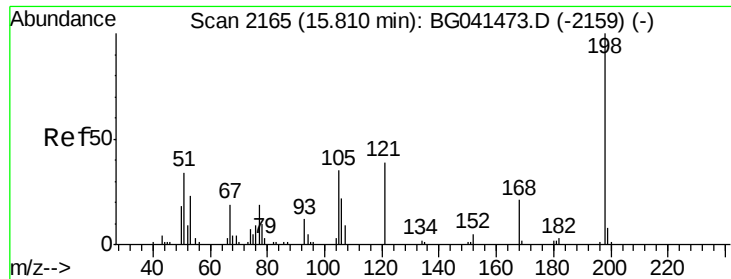
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

Tgt Ion:	188	Resp:	180411
Ion	Ratio	Lower	Upper
188	100		
94	4.5	3.8	5.8
80	5.2	4.8	7.2



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: 17.763 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampleId :

M-10MSD

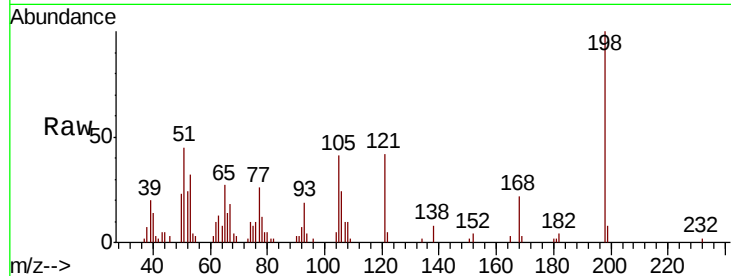
Tgt Ion:198 Resp: 19847

Ion Ratio Lower Upper

198 100

51 44.7 19.0 59.0

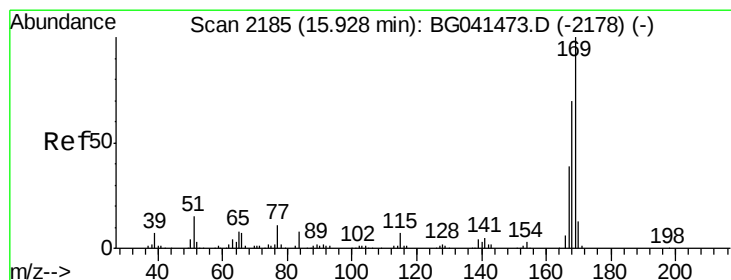
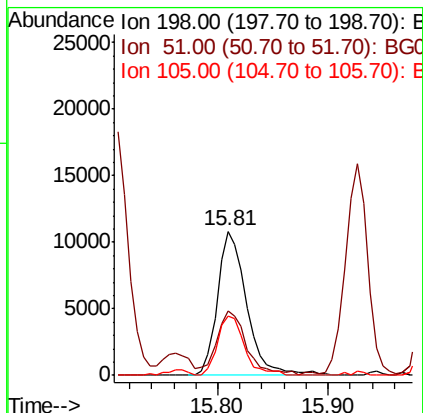
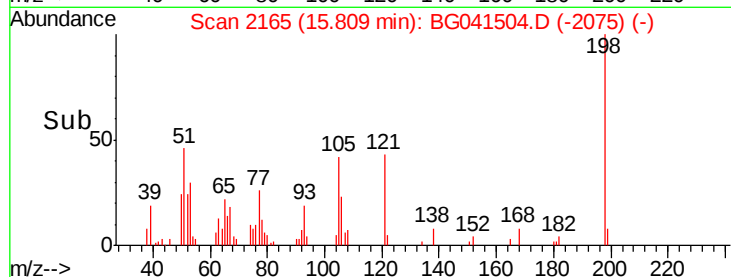
105 40.9 16.1 56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 31.160 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

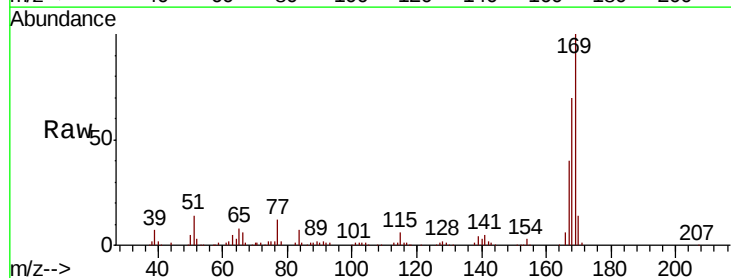
Tgt Ion:169 Resp: 154721

Ion Ratio Lower Upper

169 100

168 70.3 56.2 84.4

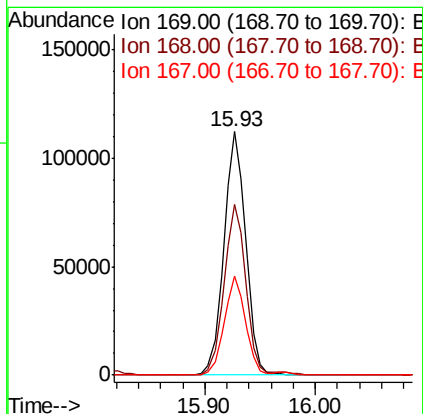
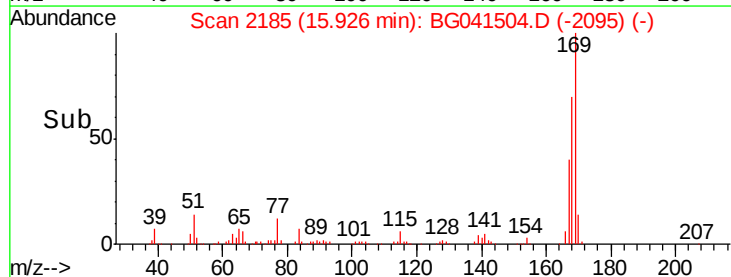
167 40.4 31.0 46.6

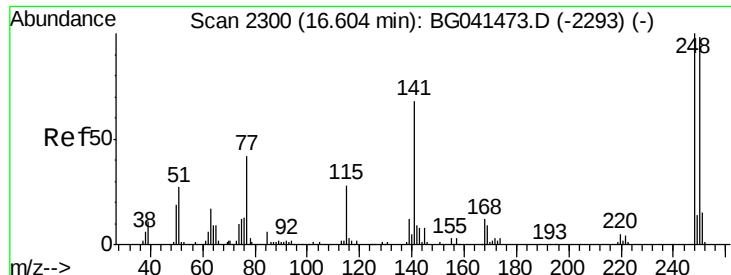


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 30.685 ng

RT: 16.61 min Scan# 2301

Delta R.T. 0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampleId :

M-10MSD

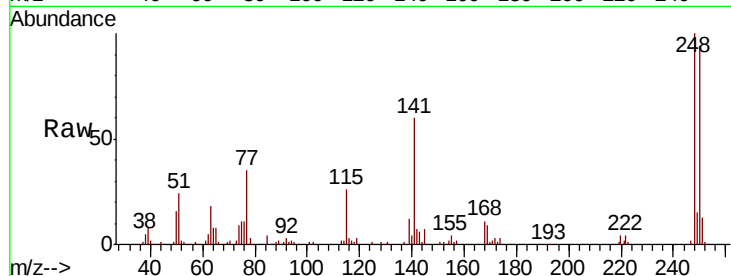
Tgt Ion:248 Resp: 75651

Ion Ratio Lower Upper

248 100

250 93.9 78.1 117.1

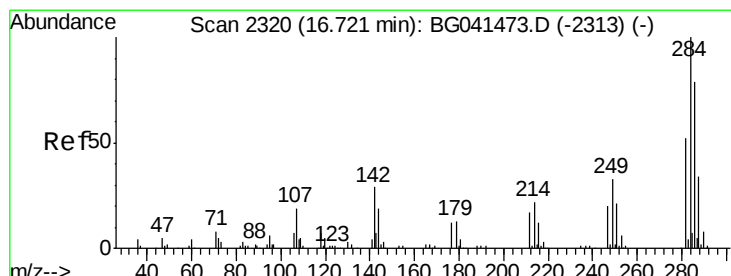
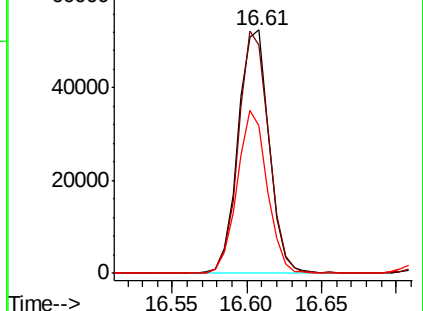
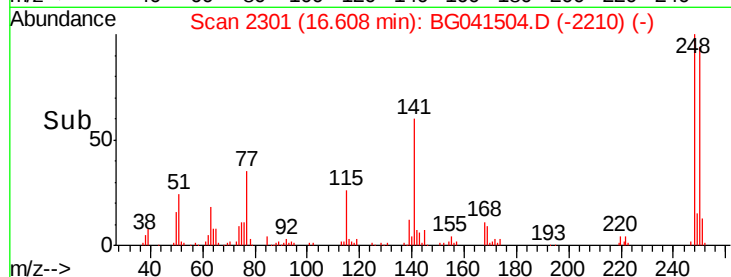
141 60.5 54.1 81.1



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: 30.348 ng

RT: 16.71 min Scan# 2319

Delta R.T. -0.01 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

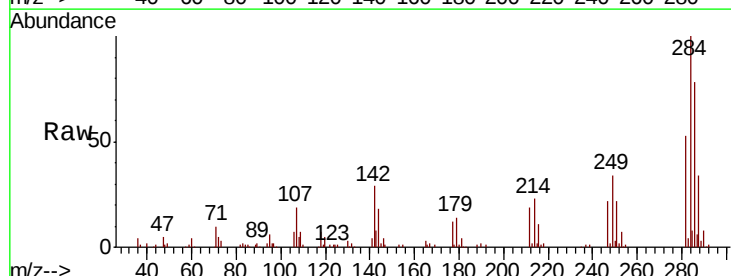
Tgt Ion:284 Resp: 80613

Ion Ratio Lower Upper

284 100

142 28.7 22.9 34.3

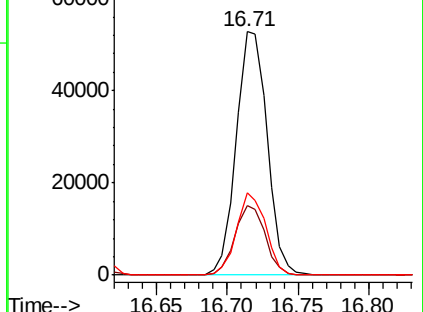
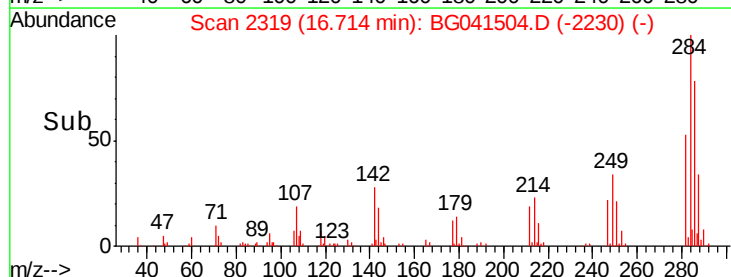
249 33.6 26.1 39.1

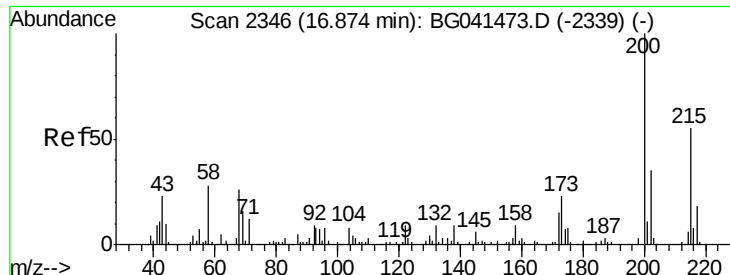


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 33.178 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.01 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampleId :

M-10MSD

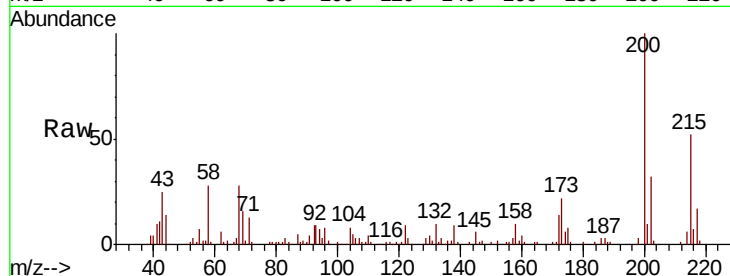
Tgt Ion:200 Resp: 69732

Ion Ratio Lower Upper

200 100

173 22.1 3.1 43.1

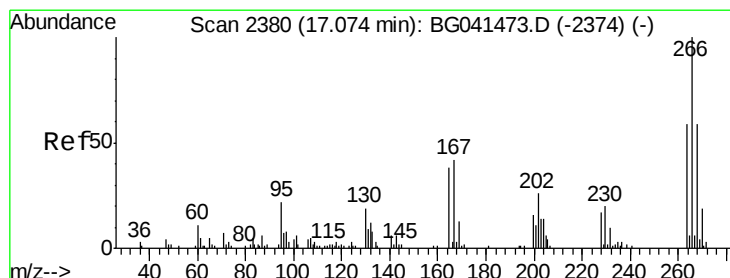
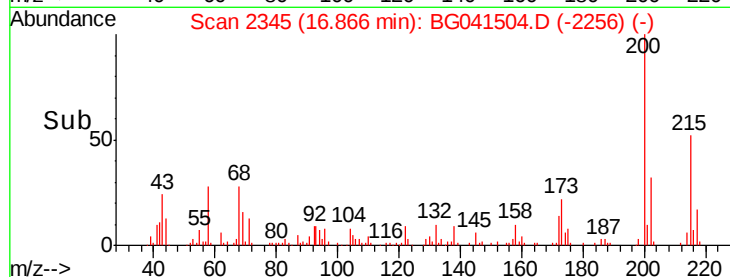
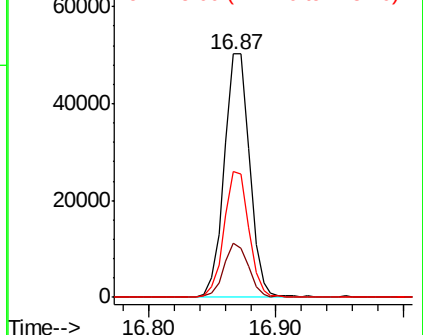
215 51.9 34.7 74.7



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: 57.223 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

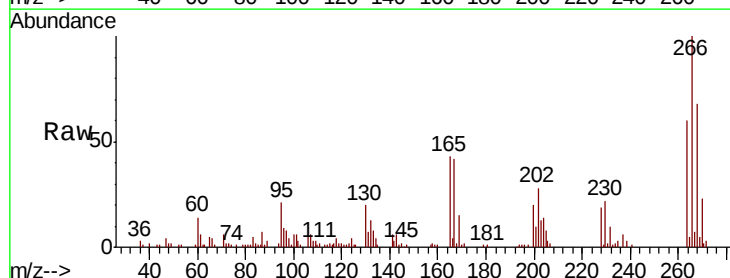
Tgt Ion:266 Resp: 68874

Ion Ratio Lower Upper

266 100

268 68.1 47.0 70.4

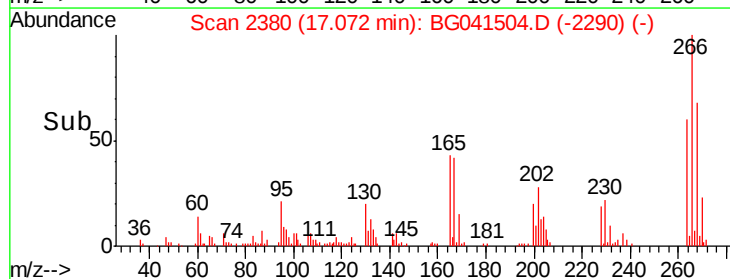
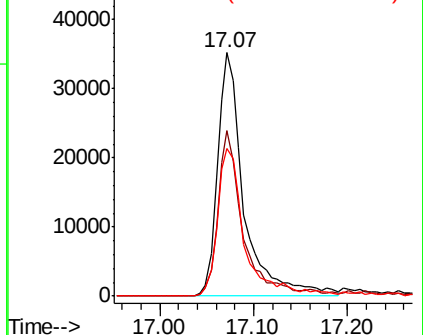
264 60.4 47.4 71.0

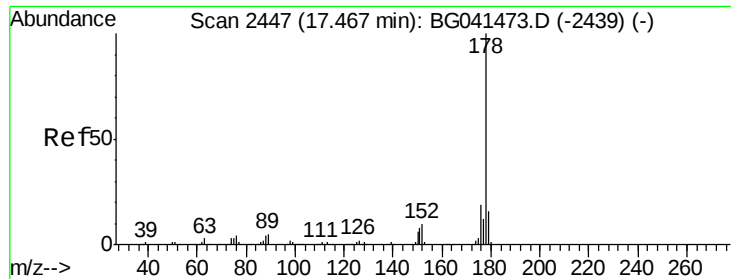


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

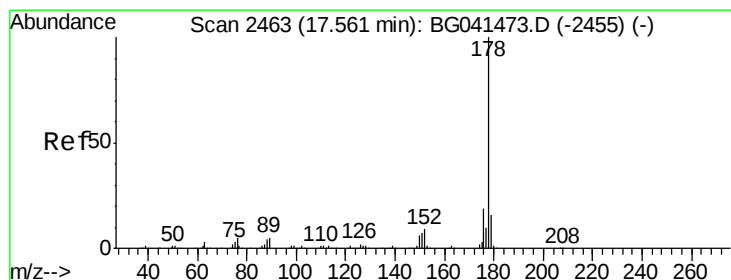
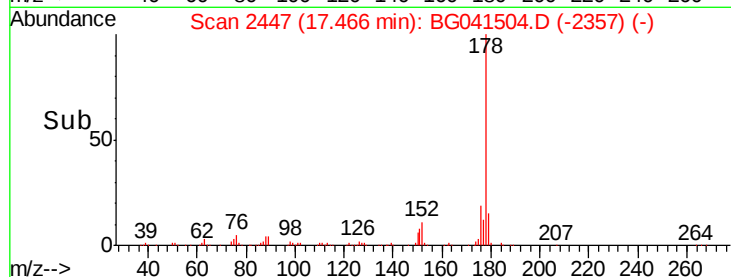
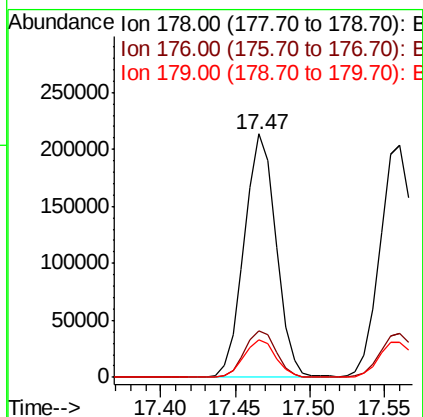
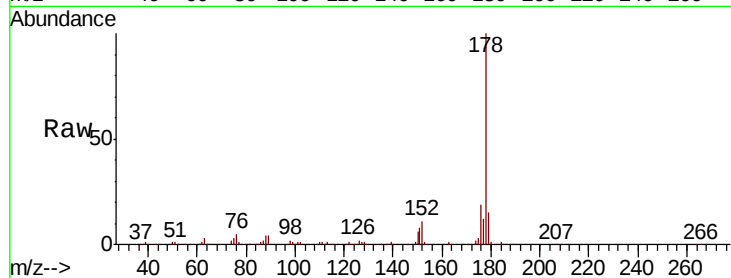




#71
Phenanthrene
Concen: 31.731 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

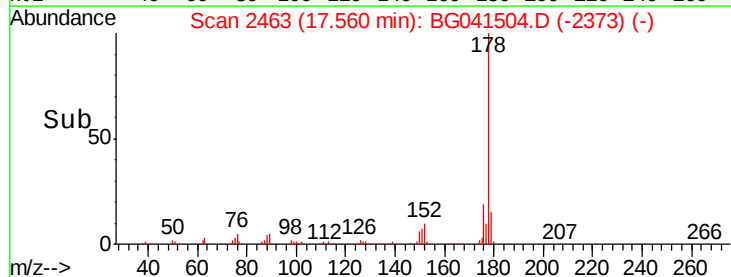
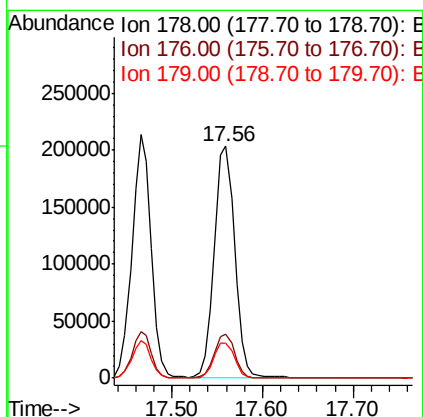
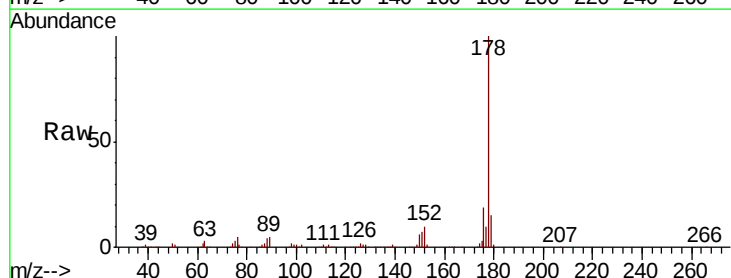
Instrument :
BNA_G
ClientSampleId :
M-10MSD

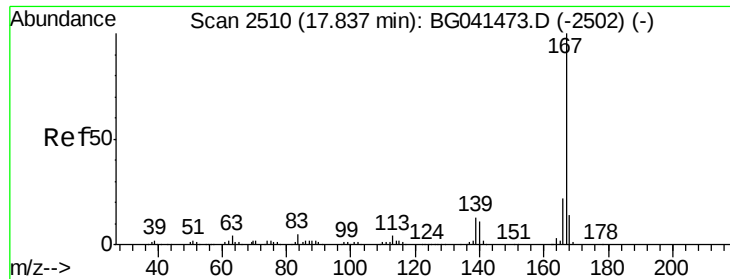
Tgt Ion:178 Resp: 315406
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.2 13.0 19.4



#72
Anthracene
Concen: 32.091 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

Tgt Ion:178 Resp: 319161
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.3 12.8 19.2





#73

Carbazole

Concen: 32.448 ng

RT: 17.84 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampleId :

M-10MSD

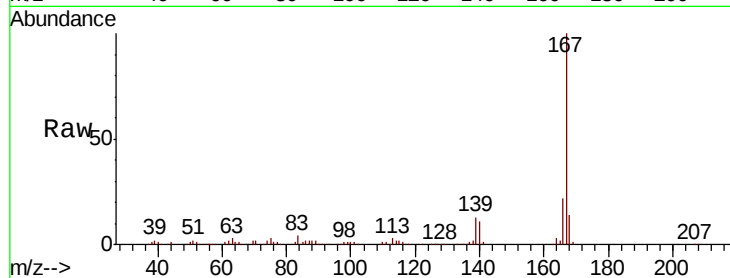
Tgt Ion:167 Resp: 274339

Ion Ratio Lower Upper

167 100

166 22.5 17.8 26.6

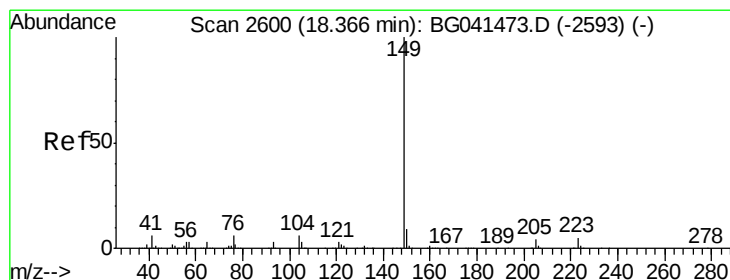
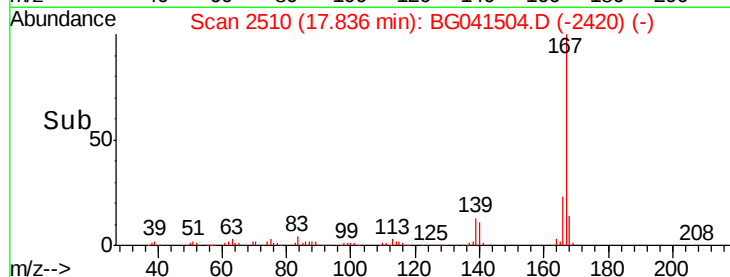
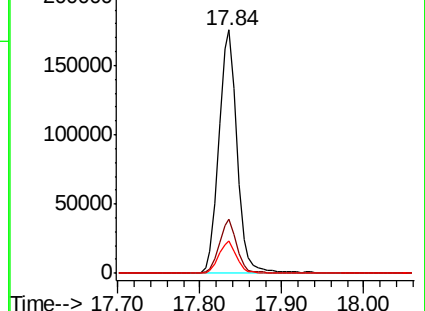
139 13.2 10.8 16.2



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: 30.017 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.01 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

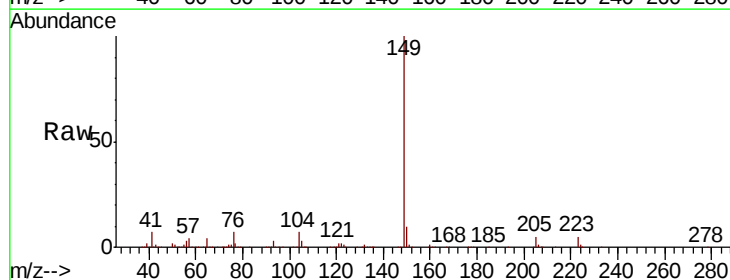
Tgt Ion:149 Resp: 318976

Ion Ratio Lower Upper

149 100

150 10.0 7.5 11.3

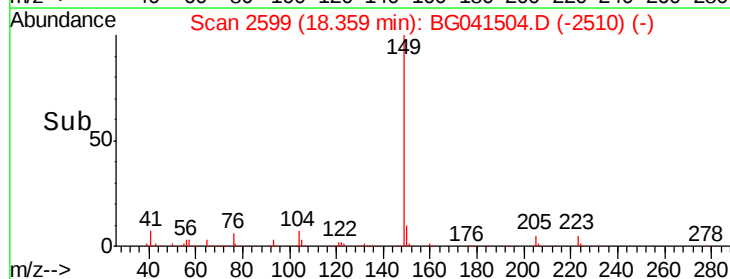
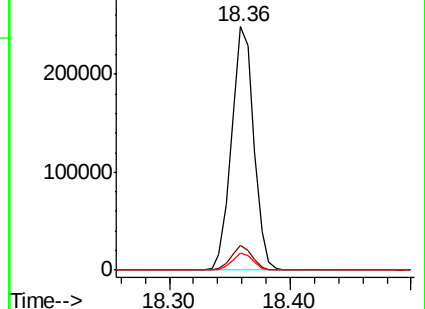
104 7.0 5.0 7.6

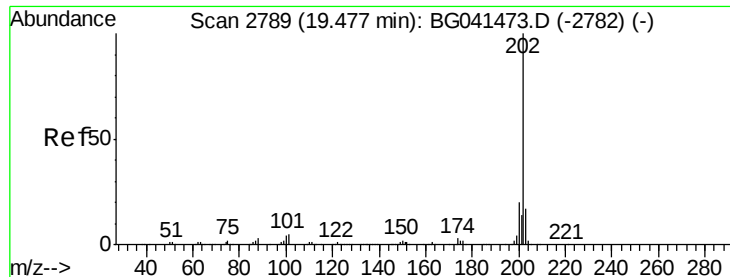


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 31.454 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampleId :

M-10MSD

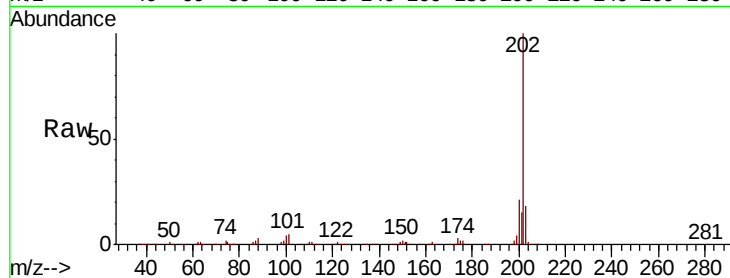
Tgt Ion:202 Resp: 416840

Ion Ratio Lower Upper

202 100

101 4.7 0.0 24.9

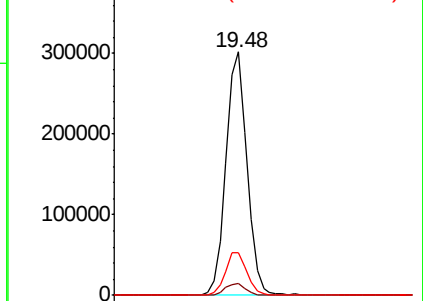
203 17.5 0.0 37.5



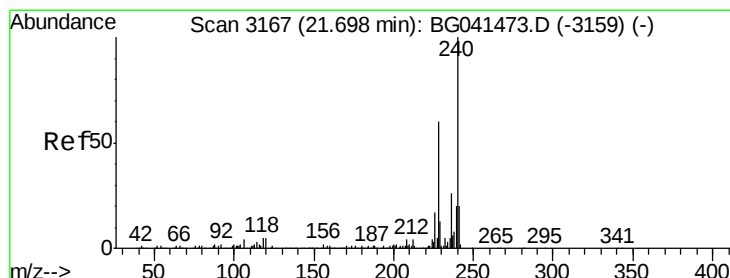
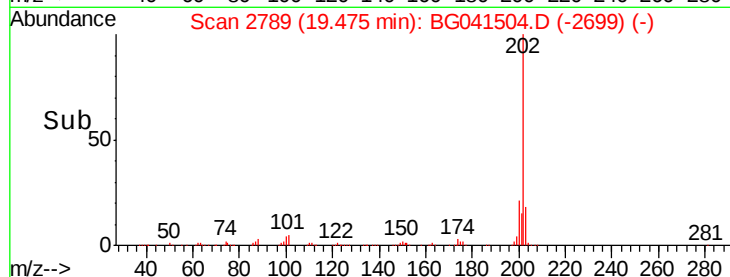
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

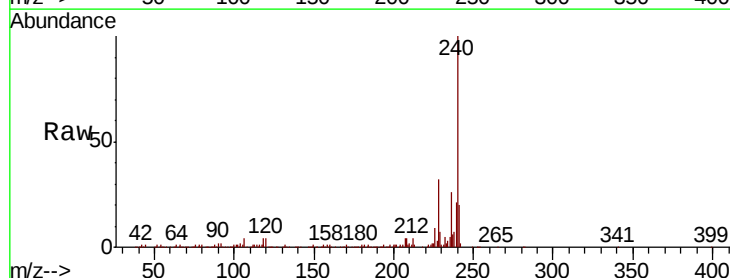
Tgt Ion:240 Resp: 194843

Ion Ratio Lower Upper

240 100

120 4.0 3.7 5.5

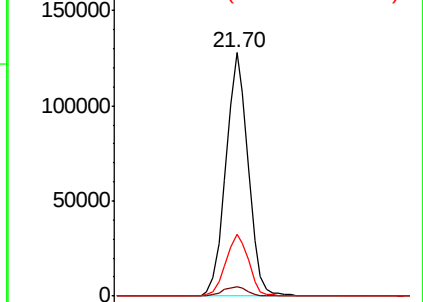
236 25.6 20.8 31.2



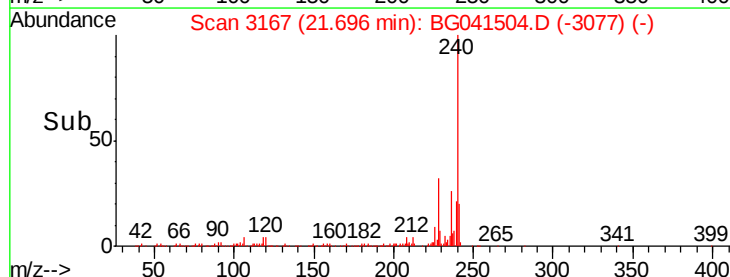
Abundance Ion 240.00 (239.70 to 240.70): E

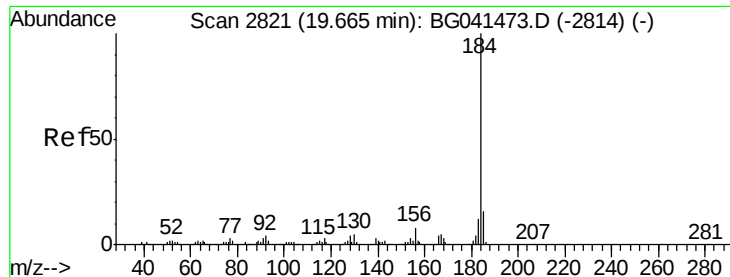
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 5.860 ng

RT: 19.67 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampleId :

M-10MSD

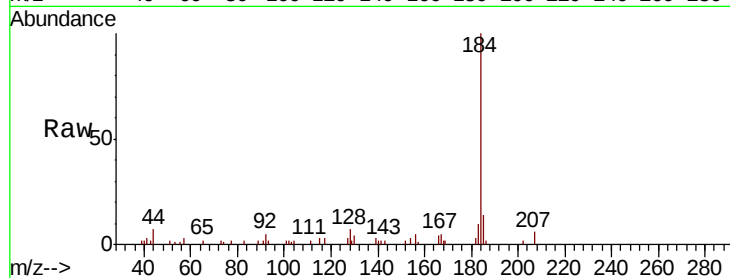
Tgt Ion:184 Resp: 25333

Ion Ratio Lower Upper

184 100

185 14.1 12.7 19.1

183 9.5 9.4 14.2

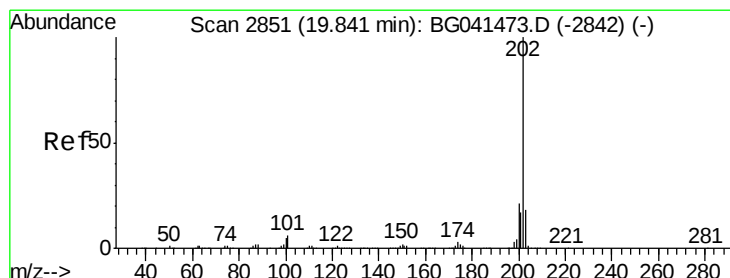
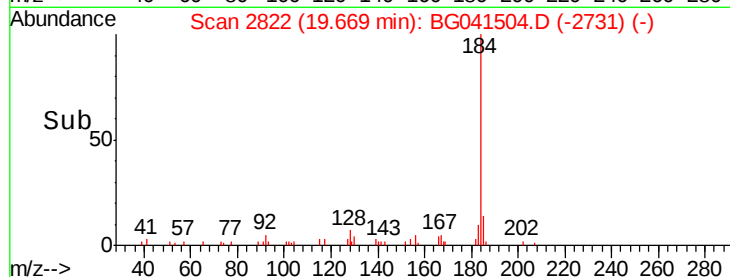
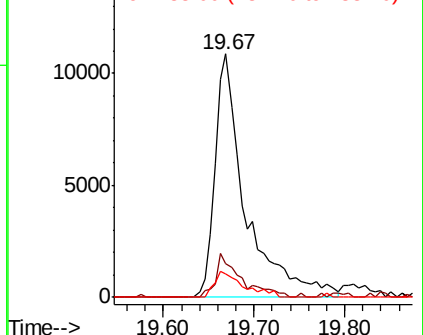


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 31.928 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

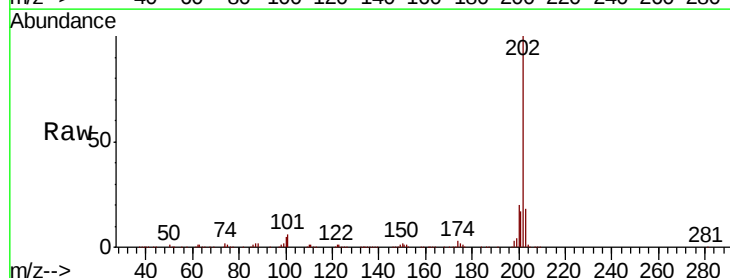
Tgt Ion:202 Resp: 424686

Ion Ratio Lower Upper

202 100

200 20.4 16.8 25.2

203 17.7 14.2 21.4

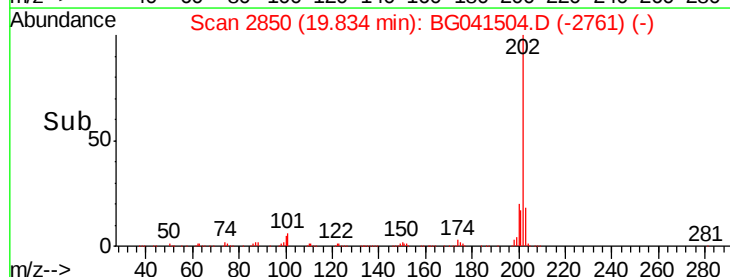
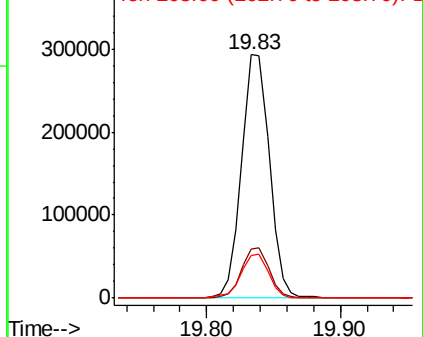


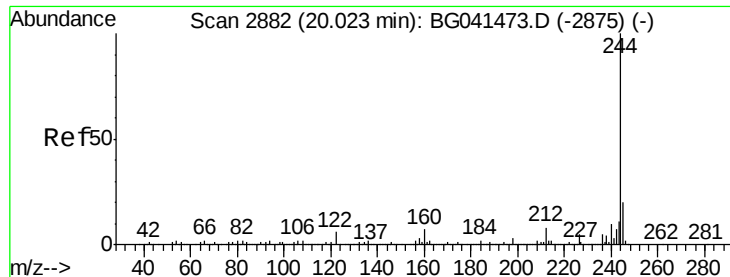
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.535 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampleId :

M-10MSD

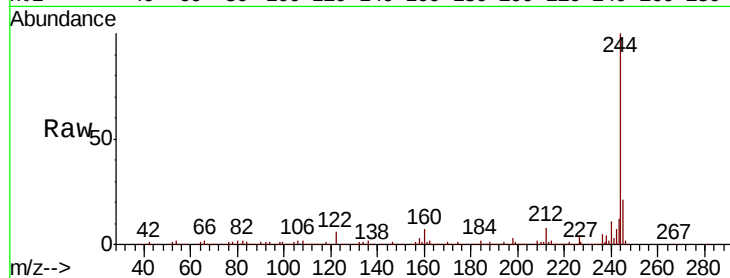
Tgt Ion:244 Resp: 756738

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.4

122 5.8 4.8 7.2



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

800000

600000

400000

200000

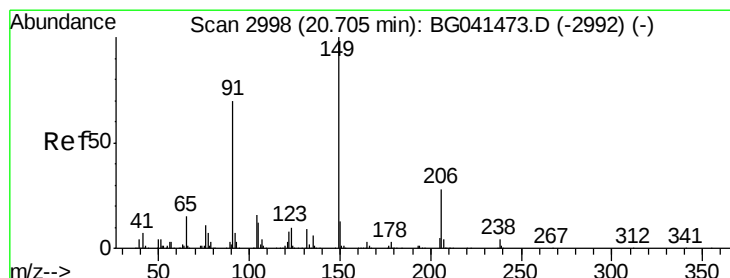
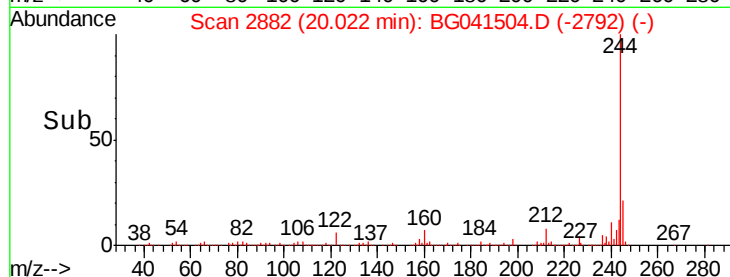
0

20.02

20.00

20.10

Time-->



#80

Butylbenzylphthalate

Concen: 29.382 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

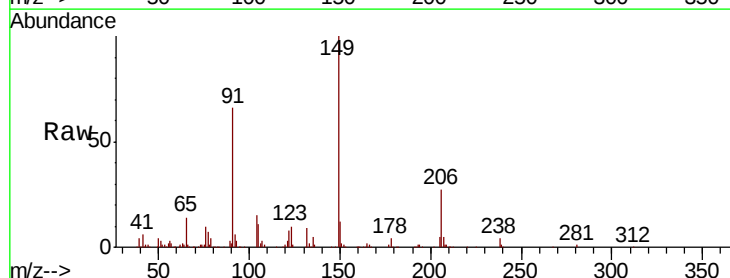
Tgt Ion:149 Resp: 145958

Ion Ratio Lower Upper

149 100

91 66.1 55.9 83.9

206 27.5 22.1 33.1



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

150000

100000

50000

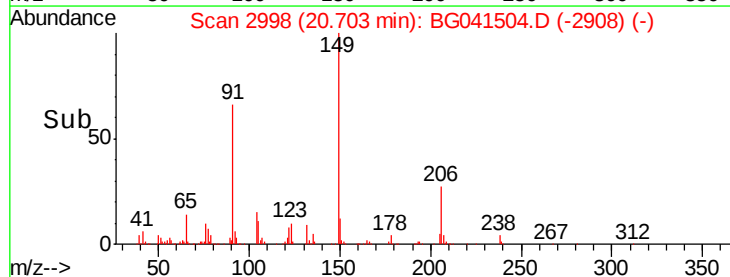
0

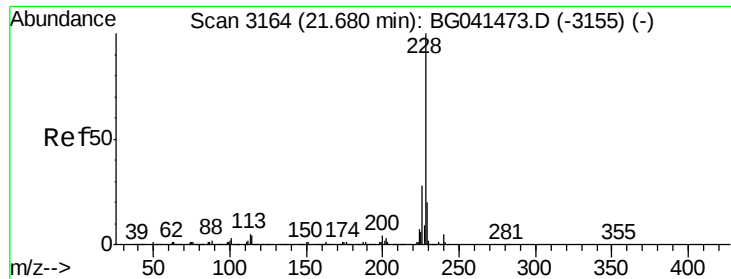
20.70

20.65

20.75

Time-->





#81

Benzo(a)anthracene

Concen: 30.764 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampleId :

M-10MSD

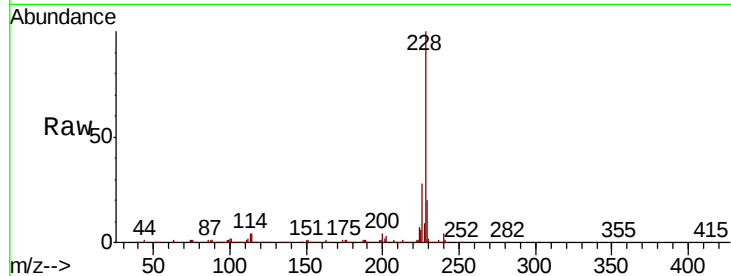
Tgt Ion:228 Resp: 416736

Ion Ratio Lower Upper

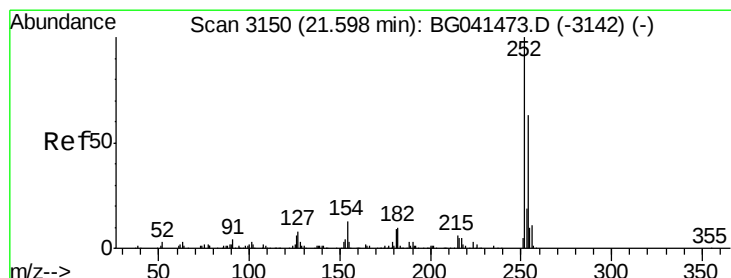
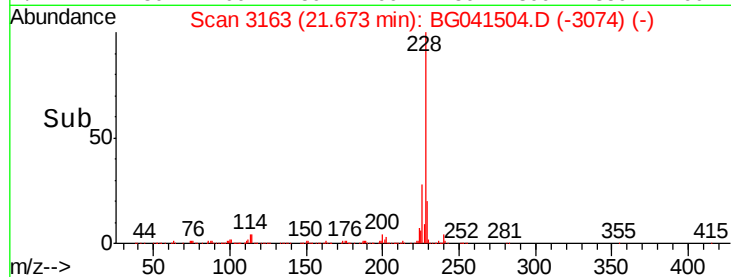
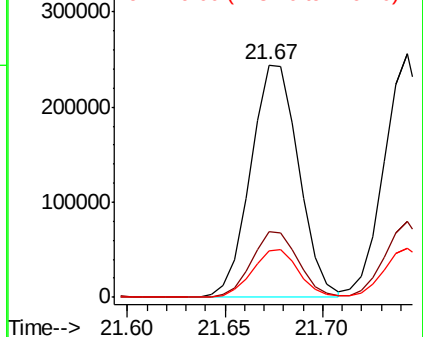
228 100

226 28.5 22.6 33.8

229 19.8 16.1 24.1



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



#82

3,3'-Dichlorobenzidine

Concen: 23.644 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

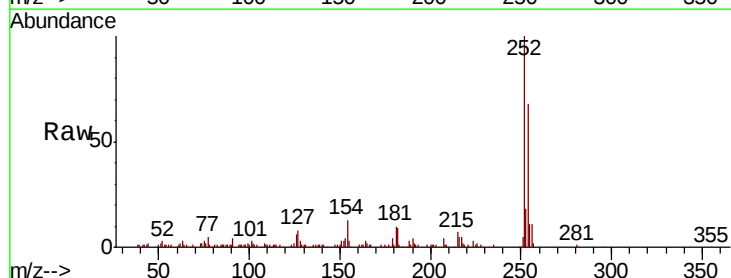
Tgt Ion:252 Resp: 110906

Ion Ratio Lower Upper

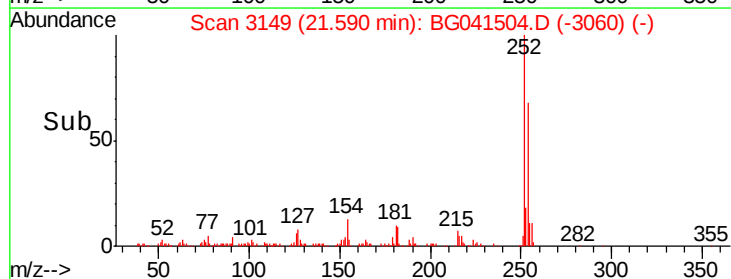
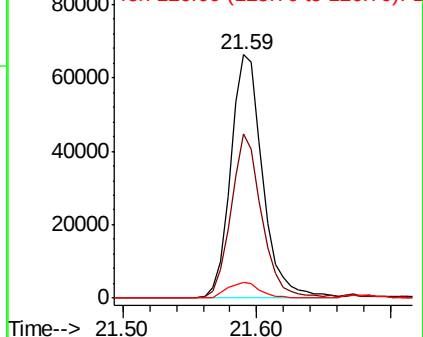
252 100

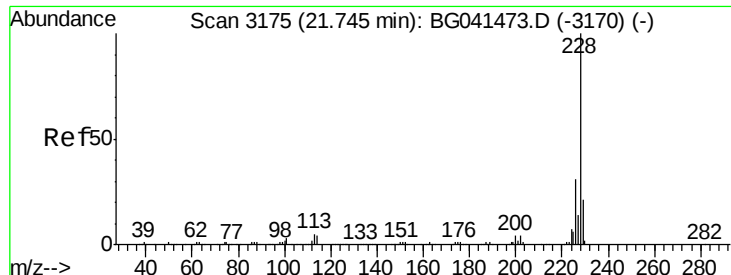
254 67.6 50.4 75.6

126 6.3 4.9 7.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 30.933 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

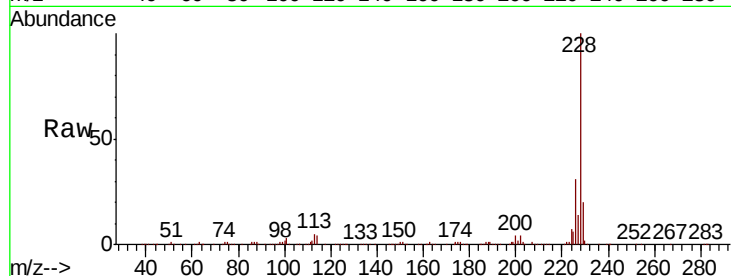
BNA_G

ClientSampleId :

M-10MSD

Tgt Ion:228 Resp: 405589

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.4
229	19.9	16.8	25.2

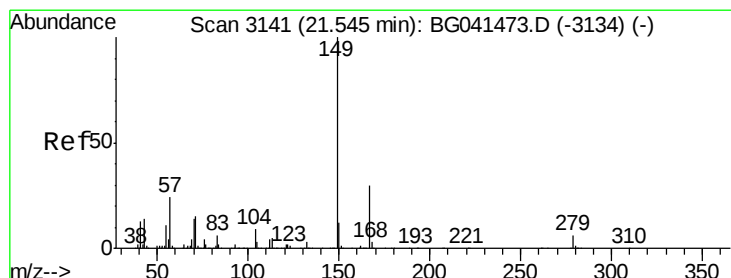
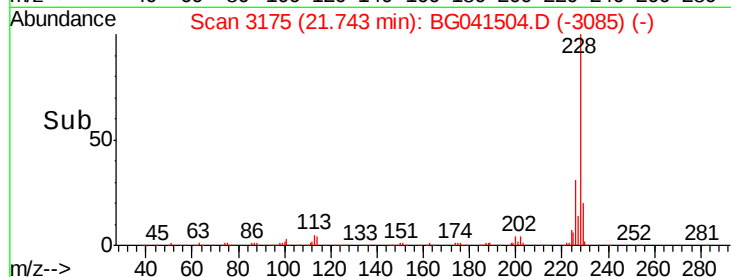
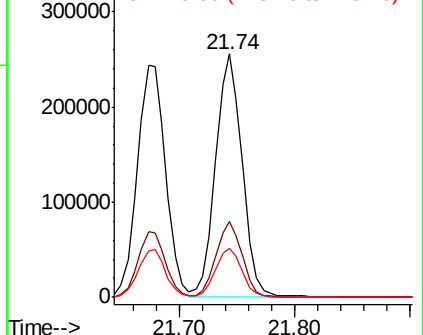


Abundance

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: 29.722 ng

RT: 21.54 min Scan# 3141

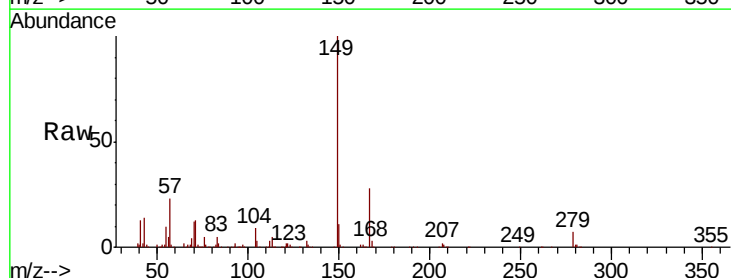
Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Tgt Ion:149 Resp: 209315

Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.6	35.4
279	6.7	5.0	7.6

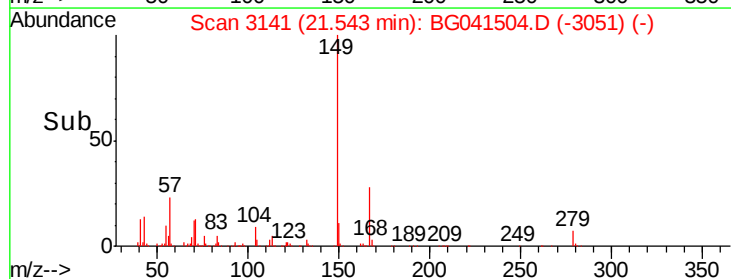
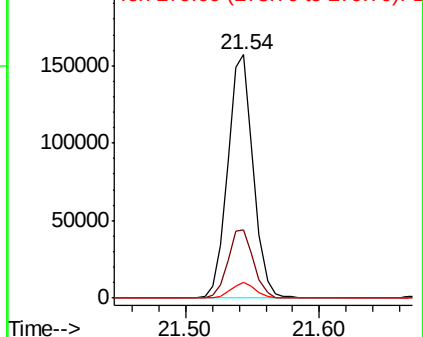


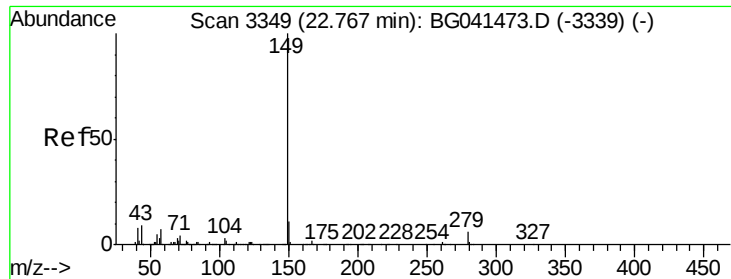
Abundance

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: 30.001 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampleId :

M-10MSD

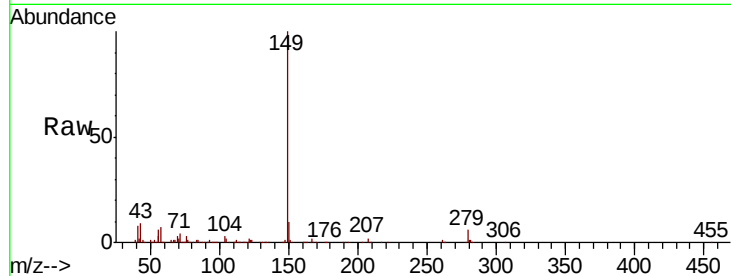
Tgt Ion:149 Resp: 357536

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.2

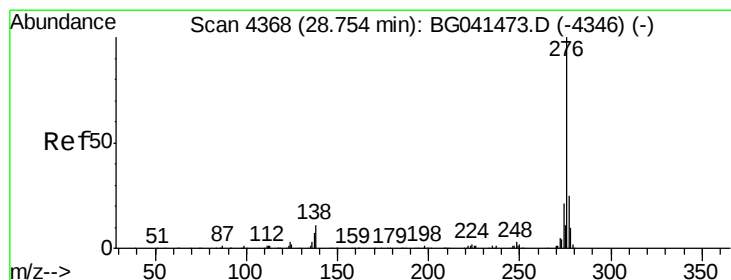
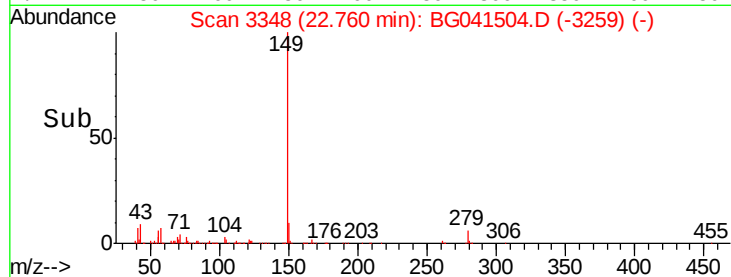
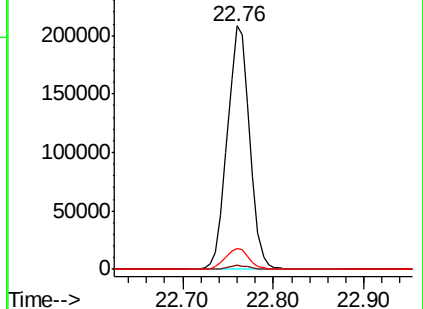
43 8.8 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.219 ng

RT: 28.75 min Scan# 4367

Delta R.T. -0.01 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

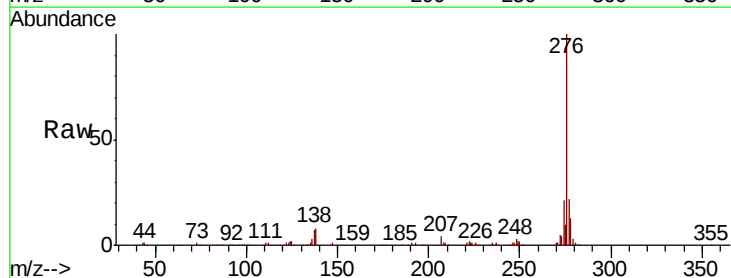
Tgt Ion:276 Resp: 479798

Ion Ratio Lower Upper

276 100

138 6.1 4.9 7.3

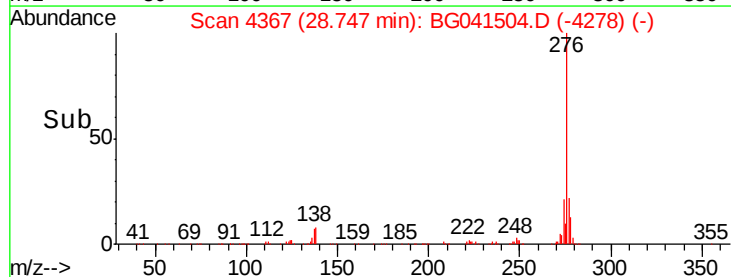
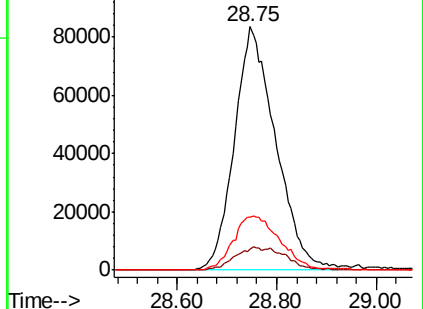
277 25.3 20.4 30.6

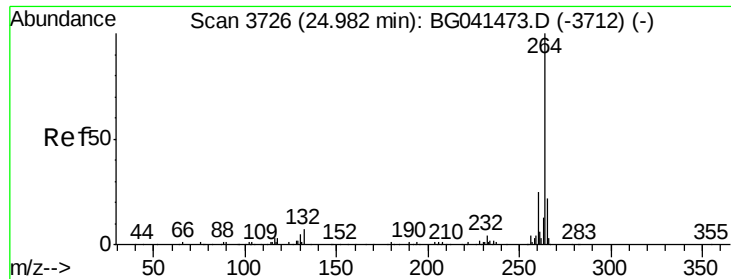


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

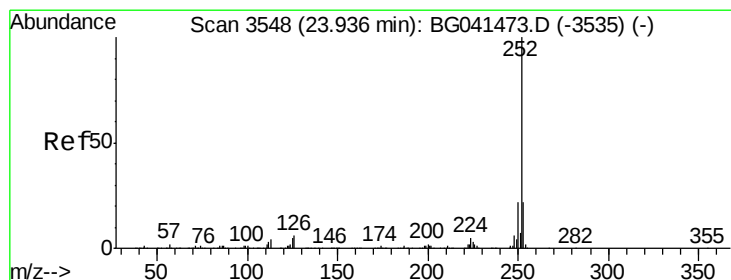
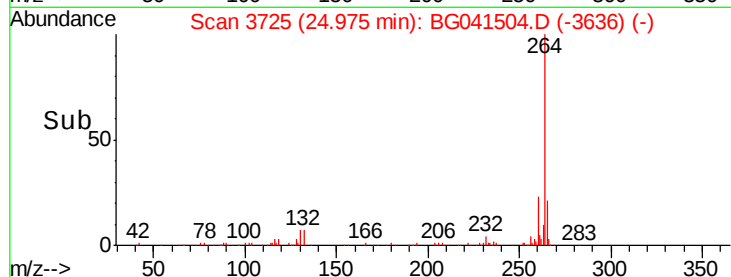
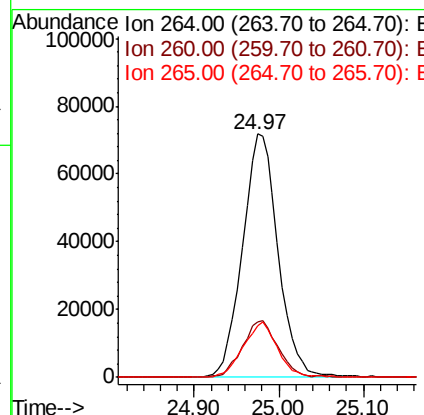
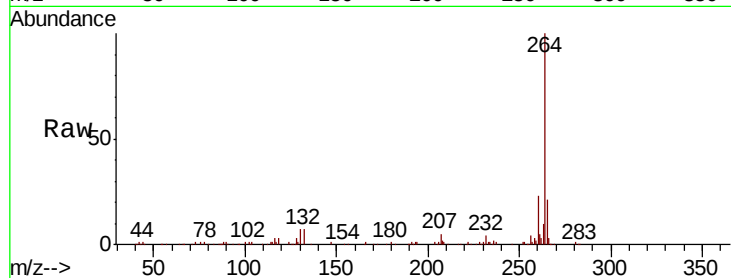




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

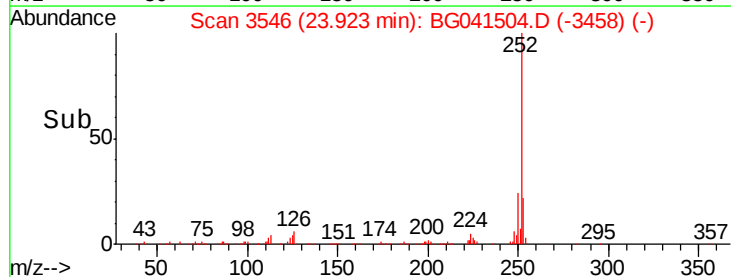
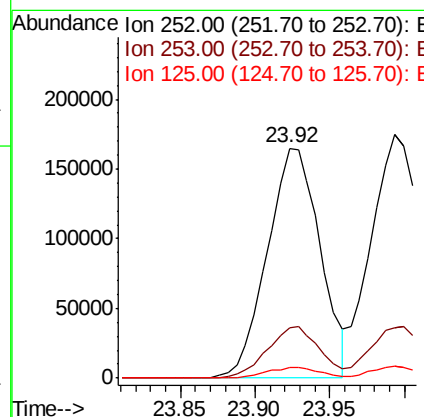
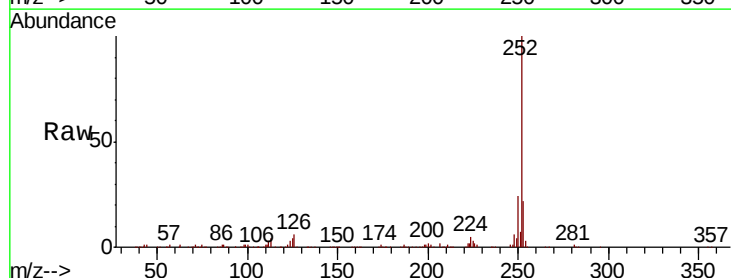
Instrument :
BNA_G
ClientSampleId :
M-10MSD

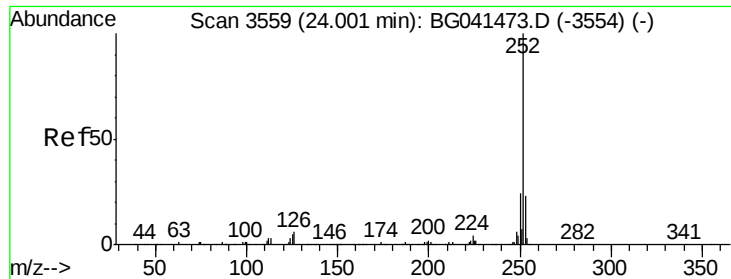
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.7	29.5
265	21.4	17.4	26.2



#88
Benzo(b)fluoranthene
Concen: 30.448 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	4.4	3.8	5.8





#89

Benzo(k)fluoranthene

Concen: 31.837 ng

RT: 23.99 min Scan# 3558

Delta R.T. -0.01 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampleId :

M-10MSD

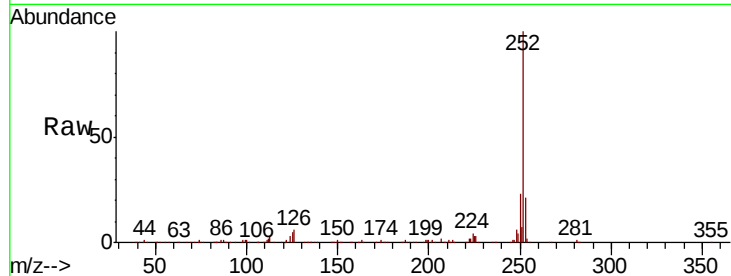
Tgt Ion:252 Resp: 417035

Ion Ratio Lower Upper

252 100

253 20.7 18.3 27.5

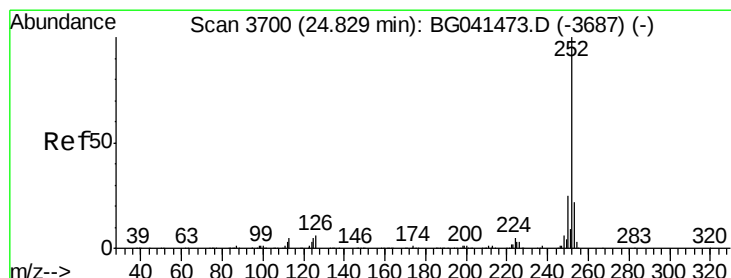
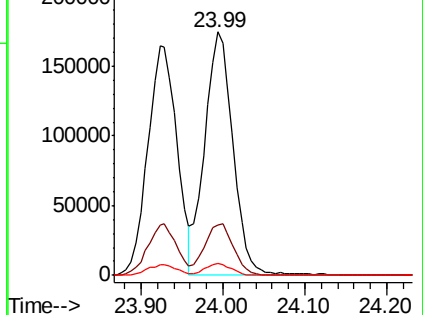
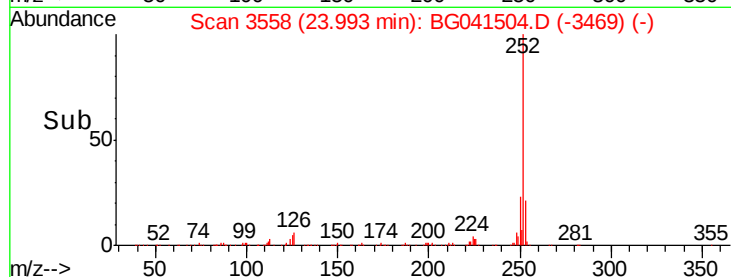
125 4.8 4.0 6.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 31.672 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

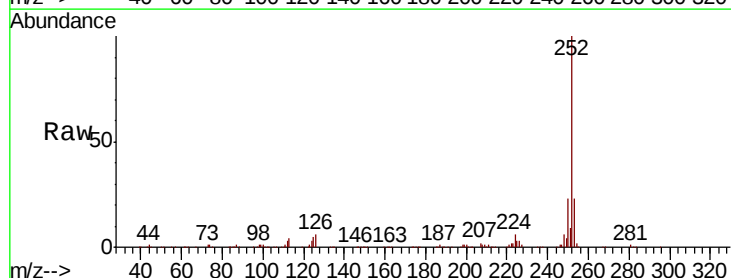
Tgt Ion:252 Resp: 401336

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

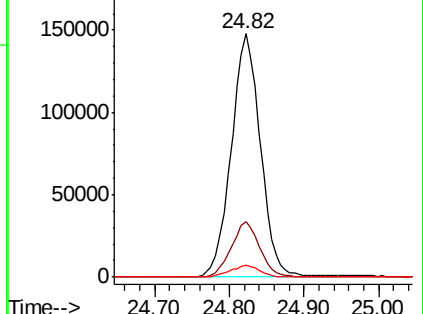
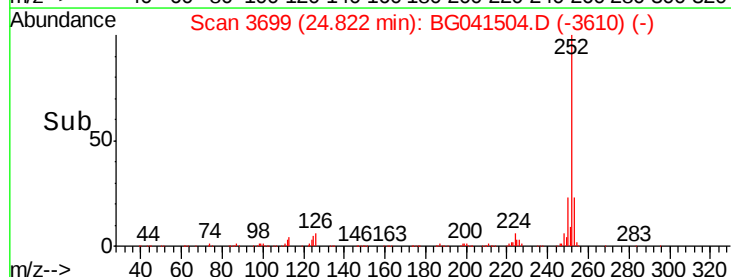
125 5.0 4.4 6.6

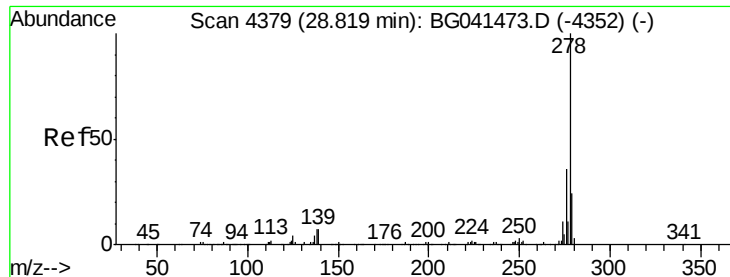


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 30.962 ng

RT: 28.81 min Scan# 4377

Delta R.T. -0.01 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampleId :

M-10MSD

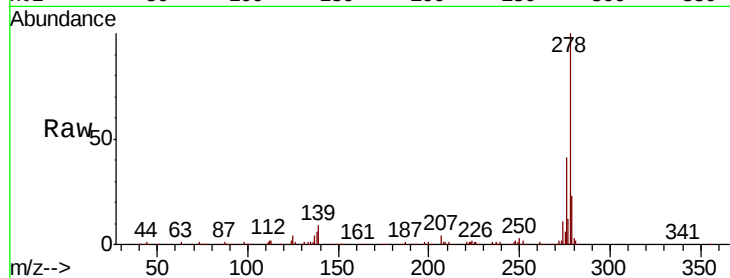
Tgt Ion: 278 Resp: 393053

Ion Ratio Lower Upper

278 100

139 8.6 5.9 8.9

279 22.6 18.9 28.3

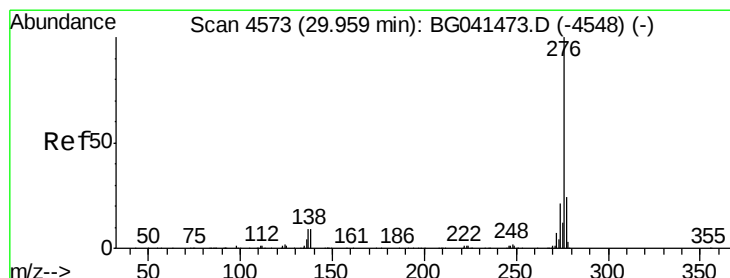
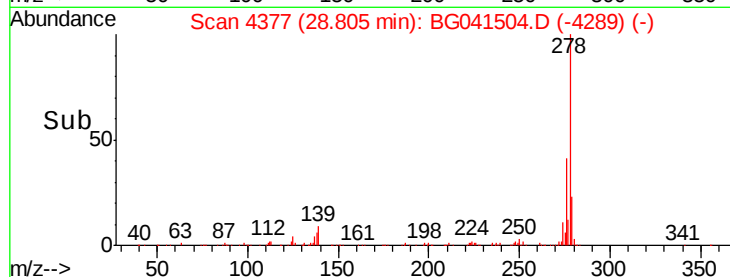
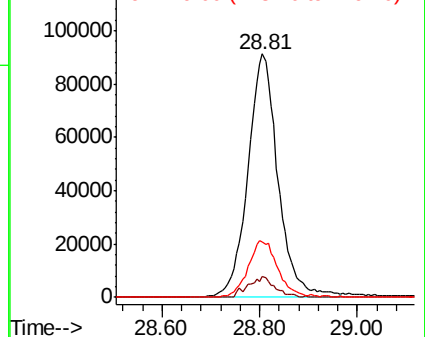


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 30.942 ng

RT: 29.93 min Scan# 4568

Delta R.T. -0.03 min

Lab File: BG041504.D

Acq: 28 Jun 2019 2:34

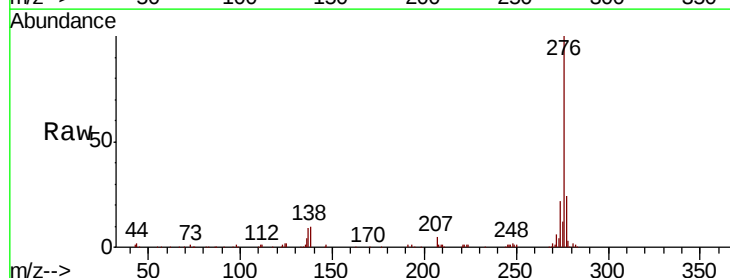
Tgt Ion: 276 Resp: 390551

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.2

138 10.2 7.6 11.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

