

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
 Data File : BG041414.D
 Acq On : 22 Jun 2019 22:02
 Operator : HP/JU
 Sample : K3158-06MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-062019MSD

Quant Time: Jun 24 03:46:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	24043	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	88749	20.00	ng	-0.04
39) Acenaphthene-d10	14.69	164	67808	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	200532	20.00	ng	-0.03
76) Chrysene-d12	21.71	240	236747	20.00	ng	-0.03
87) Perylene-d12	24.99	264	248388	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	166455	127.21	ng	-0.03
7) Phenol-d6	7.21	99	224180	118.19	ng	-0.03
23) Nitrobenzene-d5	9.23	82	183298	86.86	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	155208	149.09	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	428540	85.90	ng	-0.03
79) Terphenyl-d14	20.03	244	1056388	88.43	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	20193	30.775	ng	# 33
3) Pyridine	3.86	79	37696	21.656	ng	99
4) n-Nitrosodimethylamine	3.77	42	32188	34.675	ng	# 94
6) Aniline	7.38	93	39701	15.059	ng	97
8) 2-Chlorophenol	7.61	128	62255	40.490	ng	94
9) Benzaldehyde	7.19	77	49630	40.910	ng	99
10) Phenol	7.24	94	71962	35.282	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	59531	38.467	ng	99
12) 1,3-Dichlorobenzene	7.93	146	70846	36.801	ng	95
13) 1,4-Dichlorobenzene	8.08	146	72278	36.755	ng	95
14) 1,2-Dichlorobenzene	8.40	146	69514	37.009	ng	96
15) Benzyl Alcohol	8.29	79	63837	35.128	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.57	45	83983	33.150	ng	98
17) 2-Methylphenol	8.49	107	57165	39.203	ng	92
18) Hexachloroethane	9.13	117	28316	36.336	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	55374	36.097	ng	95
20) 3+4-Methylphenols	8.82	107	76062	39.183	ng	93
22) Acetophenone	8.88	105	108354	41.955	ng	# 96
24) Nitrobenzene	9.27	77	87388	41.175	ng	100
25) Isophorone	9.79	82	159113	41.098	ng	99
26) 2-Nitrophenol	9.99	139	37524	43.611	ng	94
27) 2,4-Dimethylphenol	10.03	122	61938	48.023	ng	96
28) bis(2-Chloroethoxy)methane	10.27	93	82014	40.657	ng	97
29) 2,4-Dichlorophenol	10.52	162	74360	46.498	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	81477	39.781	ng	96
31) Naphthalene	10.92	128	200048	41.475	ng	99
32) Benzoic acid	10.23	122	4107	4.892	ng	# 71
33) 4-Chloroaniline	11.06	127	8920	4.354	ng	# 89
34) Hexachlorobutadiene	11.18	225	59792	36.778	ng	94
35) Caprolactam	11.83	113	20815m	37.808	ng	
36) 4-Chloro-3-methylphenol	12.15	107	82383	44.599	ng	97
37) 2-Methylnaphthalene	12.52	142	149100	41.970	ng	99
38) 1-Methylnaphthalene	12.74	142	141286	41.568	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	109207	39.003	ng	97

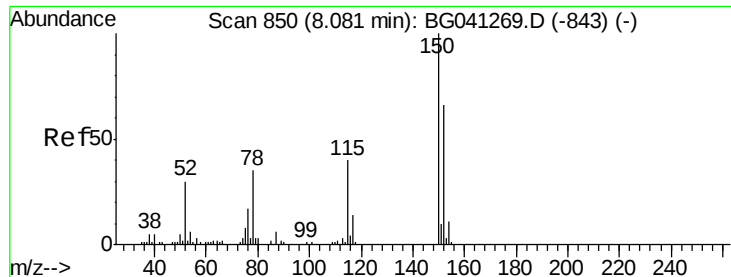
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	147333	78.117	ng	98
43) 2,4,6-Trichlorophenol	13.13	196	72025	41.582	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	75411	42.313	ng	95
46) 1,1'-Biphenyl	13.52	154	208664	40.705	ng	98
47) 2-Chloronaphthalene	13.57	162	170918	38.727	ng	99
48) 2-Nitroaniline	13.79	65	63906	39.537	ng	93
49) Acenaphthylene	14.42	152	280253	41.847	ng	99
50) Dimethylphthalate	14.14	163	249958	41.430	ng	99
51) 2,6-Dinitrotoluene	14.27	165	55384	43.536	ng	92
52) Acenaphthene	14.75	154	159454	40.546	ng	99
53) 3-Nitroaniline	14.61	138	20070	16.013	ng	99
54) 2,4-Dinitrophenol	14.82	184	34003	39.767	ng	96
55) Dibenzofuran	15.09	168	291027	42.563	ng	97
56) 4-Nitrophenol	14.92	139	82134	86.009	ng	95
57) 2,4-Dinitrotoluene	15.06	165	83695	45.007	ng	94
58) Fluorene	15.73	166	230739	42.898	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	84244	45.710	ng	96
60) Diethylphthalate	15.49	149	267376	43.601	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	143530	41.013	ng	98
62) 4-Nitroaniline	15.77	138	53077	39.594	ng	96
63) Azobenzene	16.01	77	228737	41.810	ng	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	38091	29.265	ng	98
66) n-Nitrosodiphenylamine	15.94	169	216161	40.597	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	100571	38.786	ng	94
68) Hexachlorobenzene	16.73	284	105113	37.857	ng	94
69) Atrazine	16.88	200	104387	Below Cal		98
70) Pentachlorophenol	17.08	266	114726	80.692	ng	98
71) Phenanthrene	17.48	178	449489	42.027	ng	99
72) Anthracene	17.57	178	455263	43.178	ng	100
73) Carbazole	17.84	167	420888	45.632	ng	99
74) Di-n-butylphthalate	18.37	149	509458	44.267	ng	100
75) Fluoranthene	19.48	202	652601	45.930	ng	98
77) Benzidine	19.67	184	41697	7.282	ng	# 94
78) Pyrene	19.85	202	664824	41.639	ng	99
80) Butylbenzylphthalate	20.71	149	251602	41.661	ng	98
81) Benzo(a)anthracene	21.68	228	661949	41.295	ng	100
82) 3,3'-Dichlorobenzidine	21.60	252	96380	17.128	ng	99
83) Chrysene	21.75	228	649680	42.144	ng	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	354397	43.060	ng	98
85) Di-n-octyl phthalate	22.77	149	604864	43.439	ng	98
86) Indeno(1,2,3-cd)pyrene	28.78	276	768498	42.018	ng	# 98
88) Benzo(b)fluoranthene	23.94	252	664221	43.149	ng	99
89) Benzo(k)fluoranthene	24.01	252	647551	42.464	ng	99
90) Benzo(a)pyrene	24.84	252	643062	44.234	ng	98
91) Dibenzo(a,h)anthracene	28.83	278	639413	43.688	ng	97
92) Benzo(g,h,i)perylene	29.96	276	642010	44.387	ng	97

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

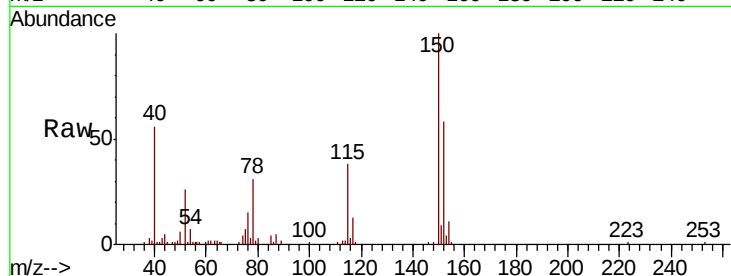


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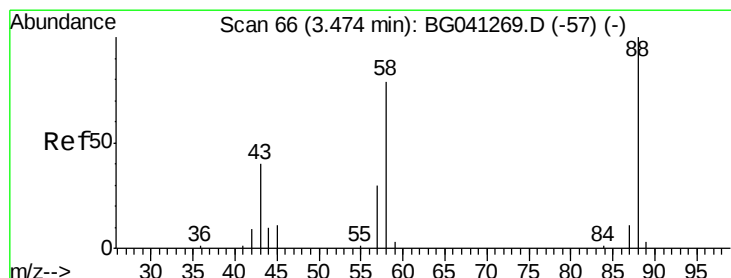
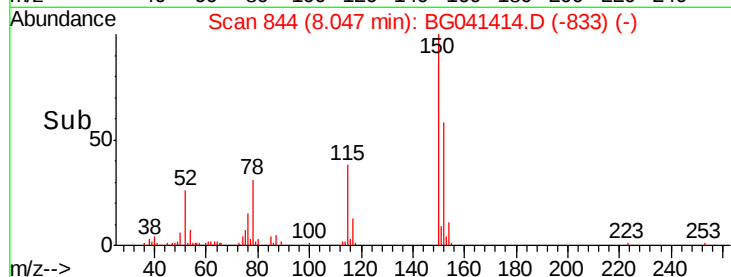
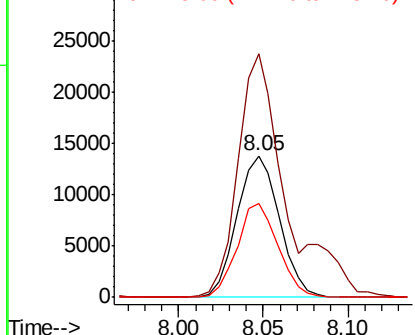
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

Tot Ion:152 Resp: 24043
Ion Ratio Lower Upper
152 100
150 171.7 120.6 181.0
115 66.1 47.9 71.9



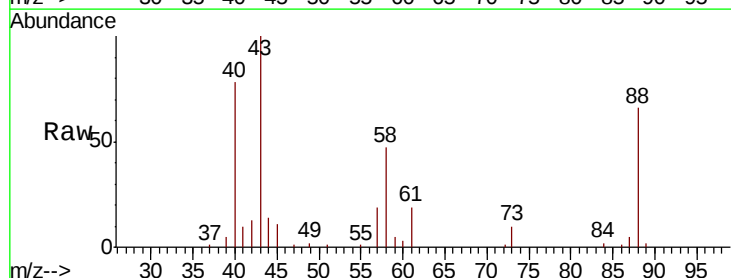
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



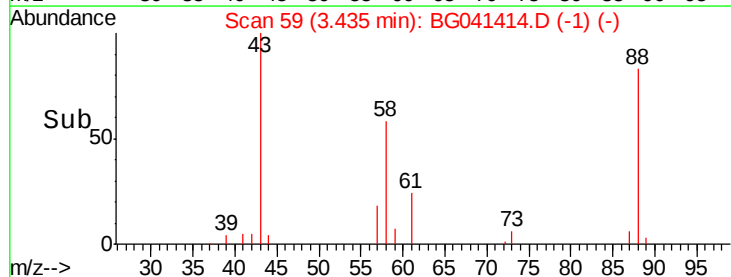
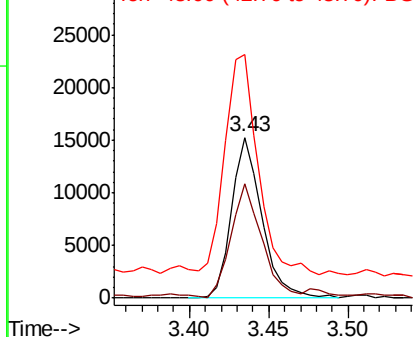
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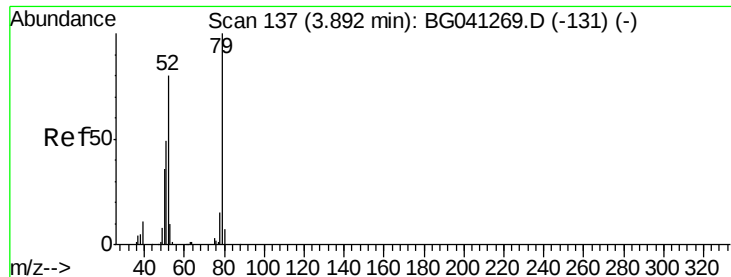
1,4-Dioxane
Concen: 30.775 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.04 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion: 88 Resp: 20193
Ion Ratio Lower Upper
88 100
58 69.4 59.7 89.5
43 150.7 31.9 47.9#



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





#3

Pvridine

Concen: 21.656 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MSD

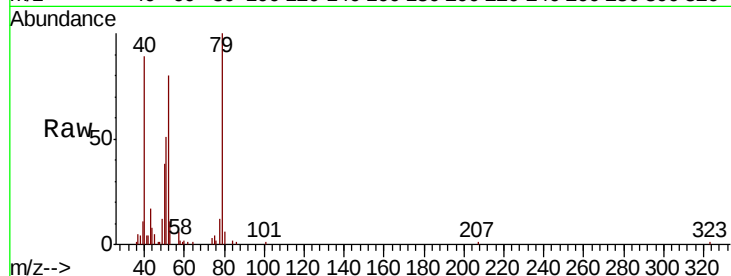
Tot Ion: 79 Resp: 37696

Ion Ratio Lower Upper

79 100

52 79.6 63.6 95.4

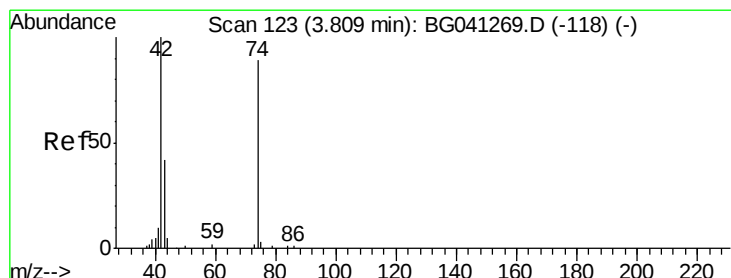
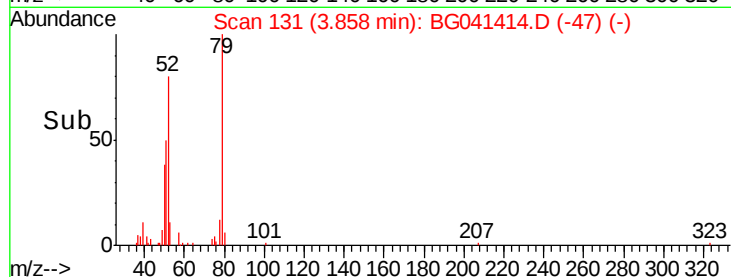
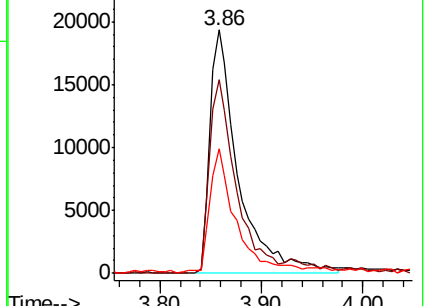
51 51.1 39.8 59.6



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.675 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.04 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

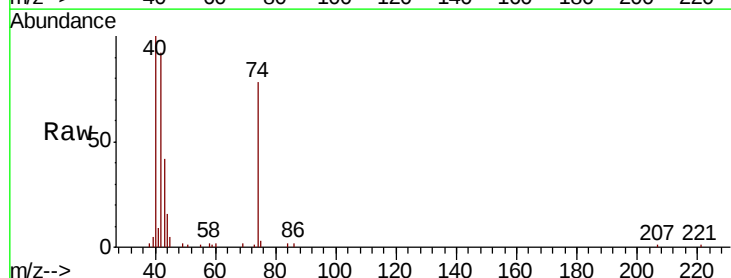
Tgt Ion: 42 Resp: 32188

Ion Ratio Lower Upper

42 100

74 85.0 71.6 107.4

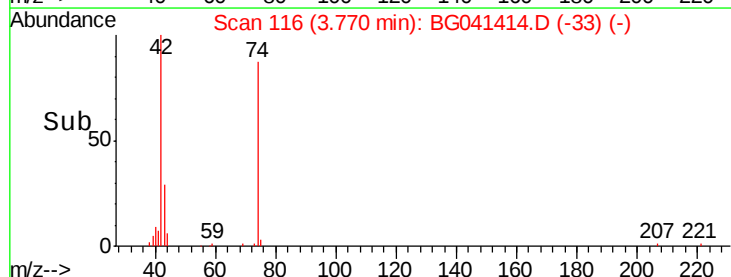
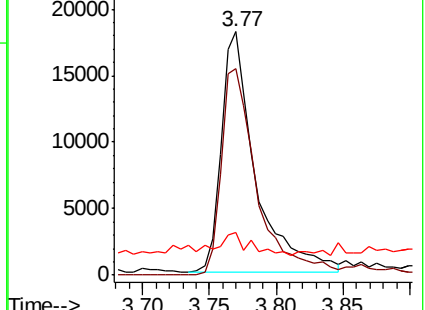
44 17.6 9.0 13.4#

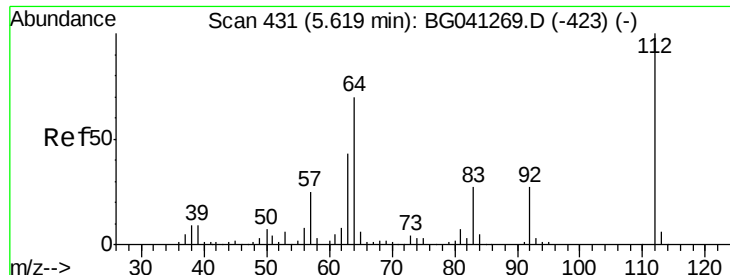


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC

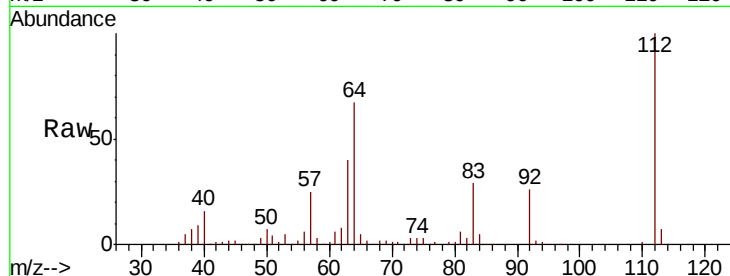




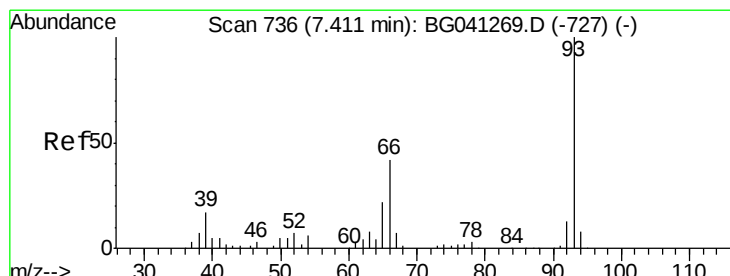
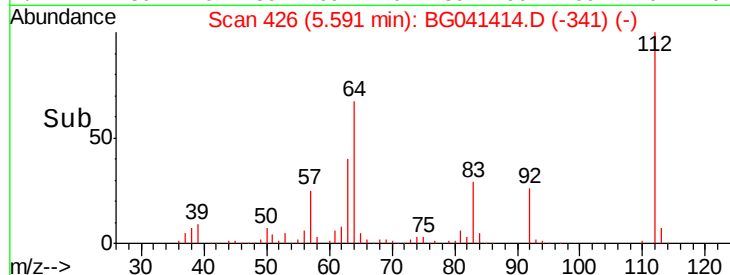
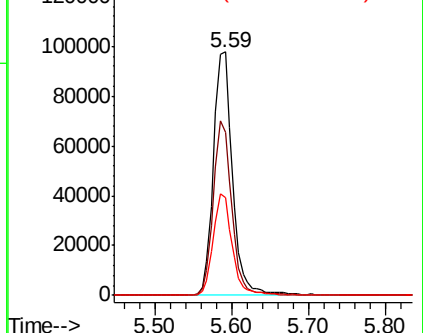
#5
2-Fluorophenol
Concen: 127.208 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

Tot Ion	Ratio	Lower	Upper
112	100		
64	67.2	55.9	83.9
63	40.0	34.6	51.8

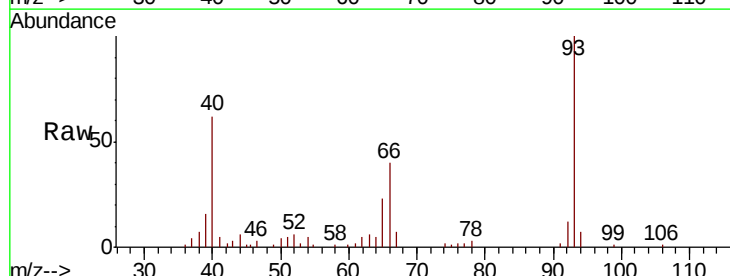


Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC

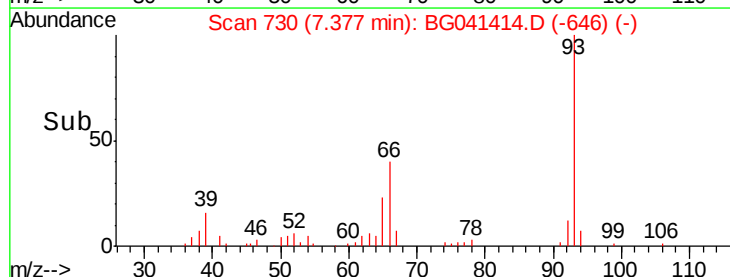
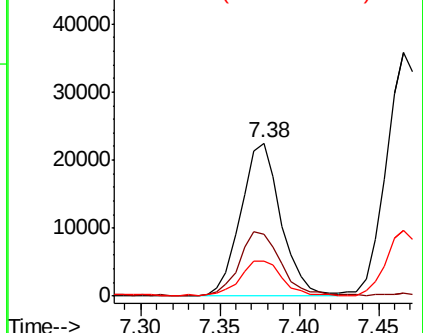


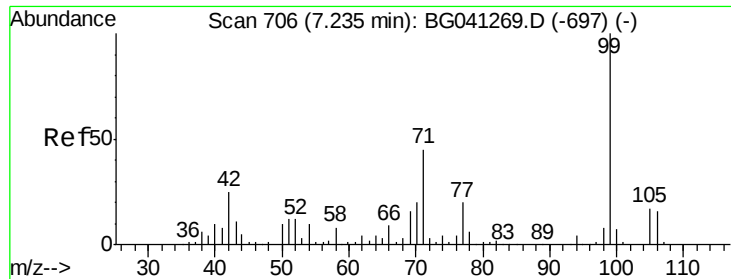
#6
Aniline
Concen: 15.059 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.3	34.2	51.2
65	22.9	17.7	26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 118.194 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MSD

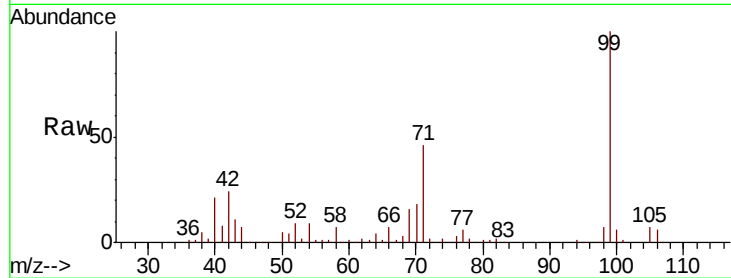
Tot Ion: 99 Resp: 224180

Ion Ratio Lower Upper

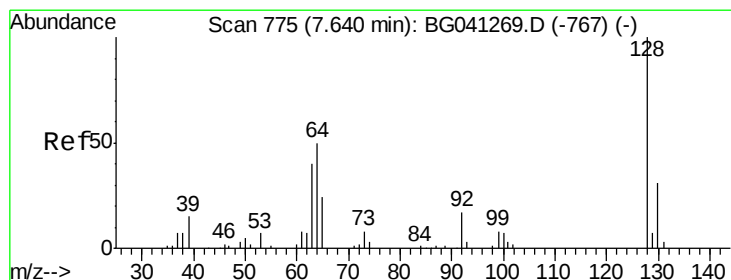
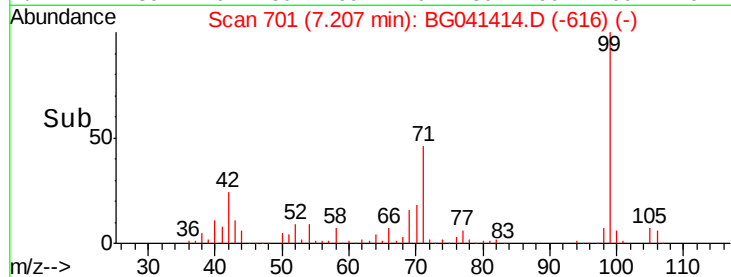
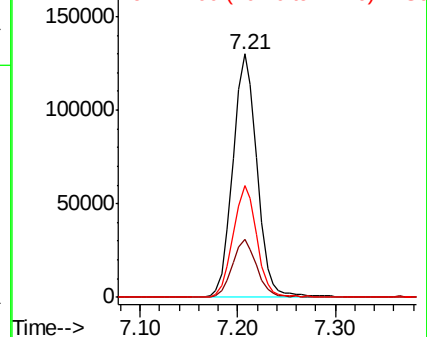
99 100

42 23.7 19.9 29.9

71 45.8 36.4 54.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.490 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

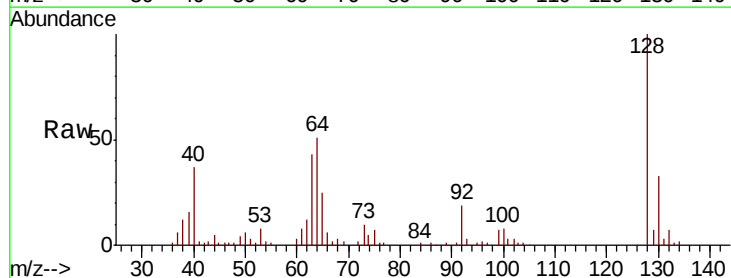
Tgt Ion: 128 Resp: 62255

Ion Ratio Lower Upper

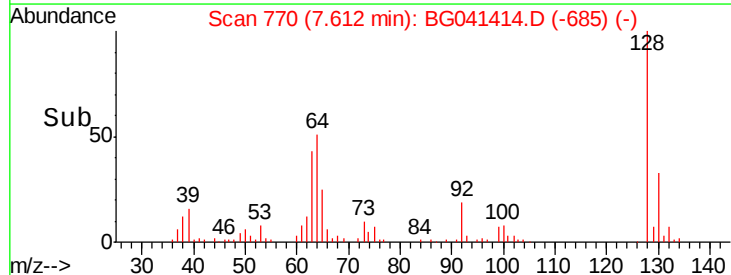
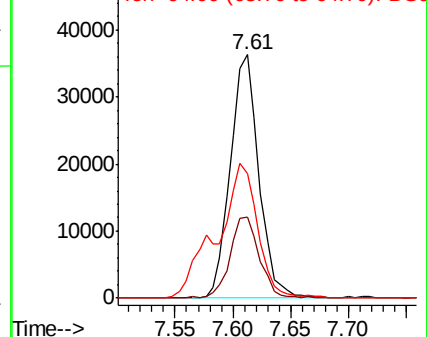
128 100

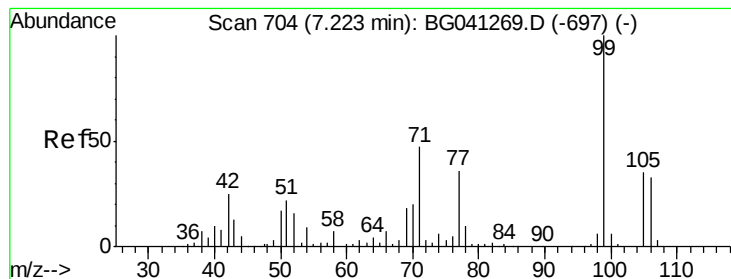
130 33.4 11.1 51.1

64 51.4 36.6 76.6



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





#9

Benzaldehyde

Concen: 40.910 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MSD

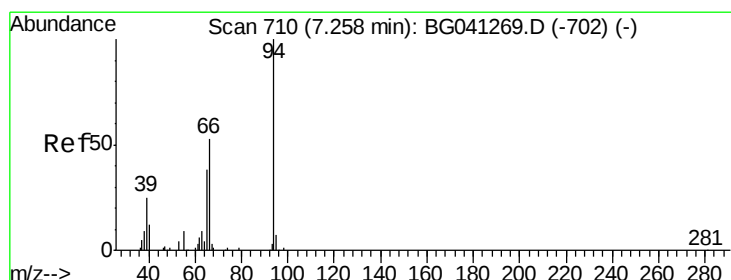
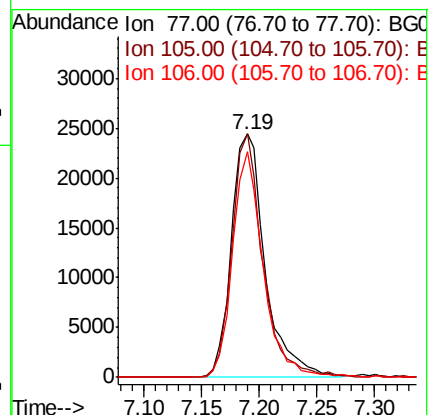
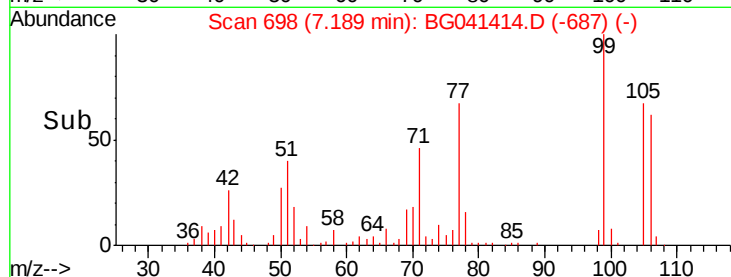
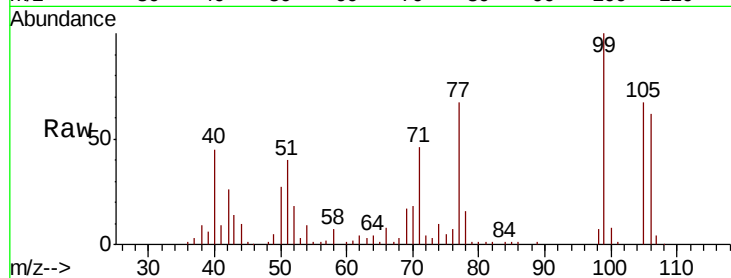
Tot Ion: 77 Resp: 49630

Ion Ratio Lower Upper

77 100

105 99.8 78.7 118.7

106 92.9 71.1 111.1



#10

Phenol

Concen: 35.282 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.02 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

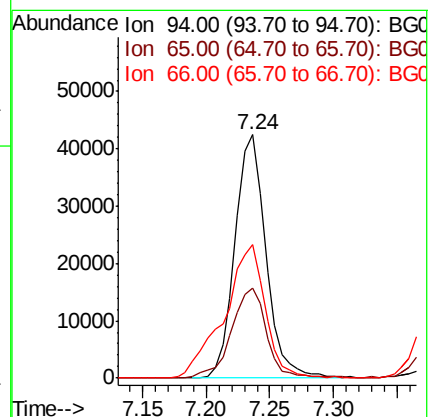
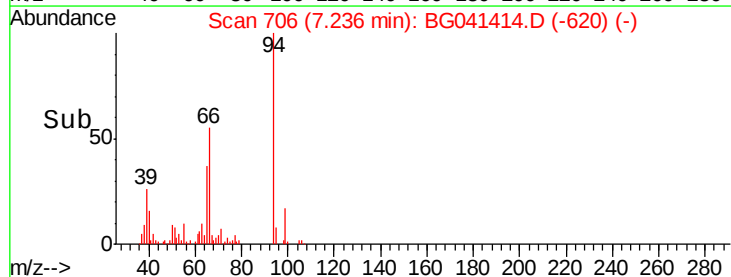
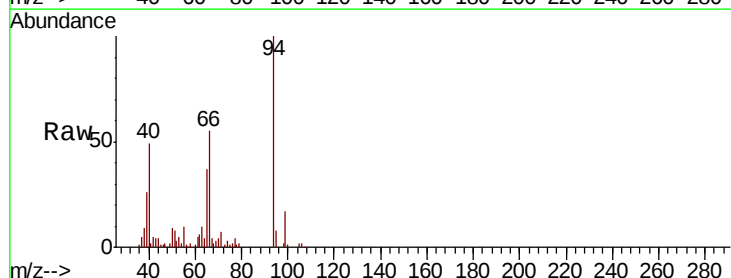
Tgt Ion: 94 Resp: 71962

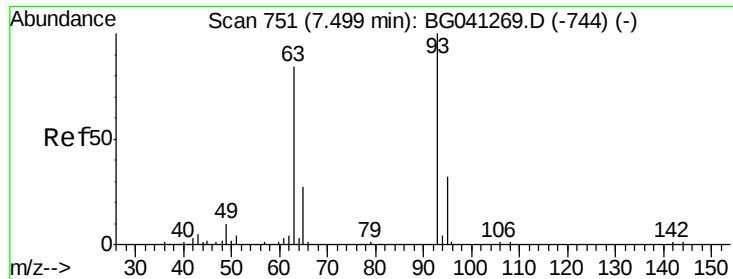
Ion Ratio Lower Upper

94 100

65 37.1 18.7 58.7

66 55.0 35.5 75.5





#11

bis(2-Chloroethyl)ether

Concen: 38.467 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MSD

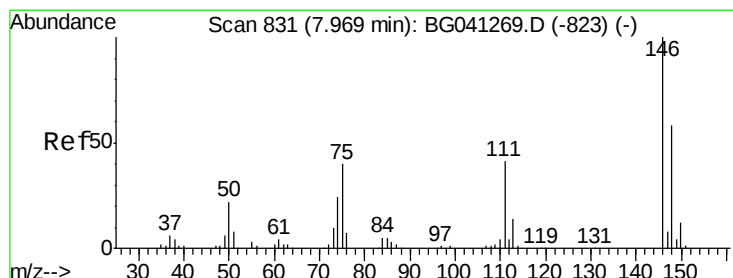
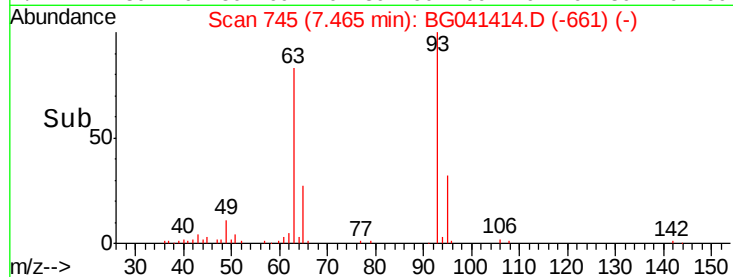
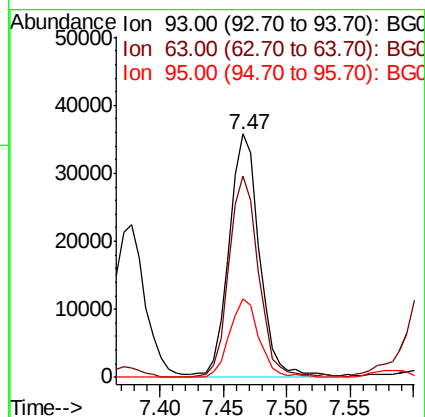
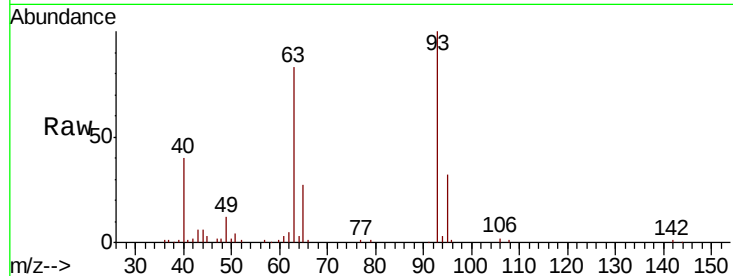
Tot Ion: 93 Resp: 59531

Ion Ratio Lower Upper

93 100

63 82.5 63.6 103.6

95 32.0 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 36.801 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.04 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

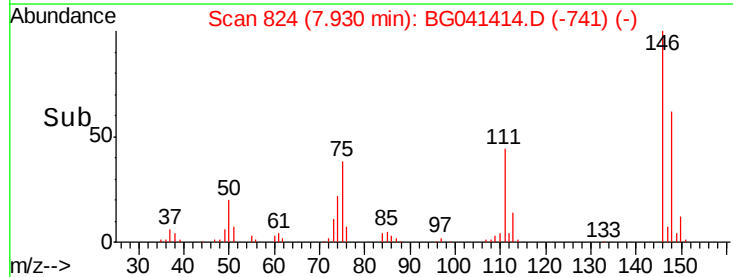
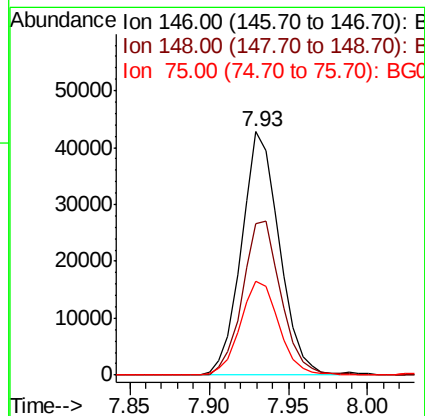
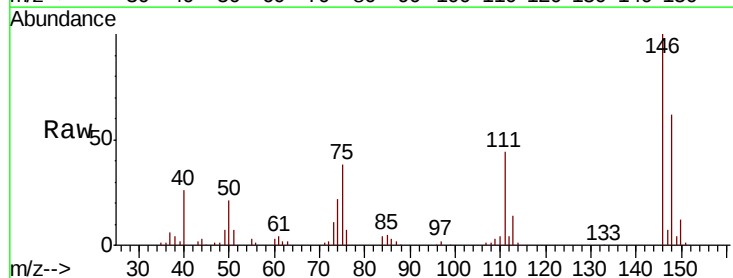
Tgt Ion: 146 Resp: 70846

Ion Ratio Lower Upper

146 100

148 62.3 46.5 69.7

75 38.3 32.2 48.4

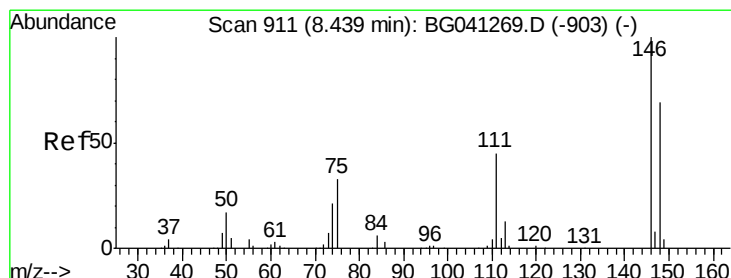
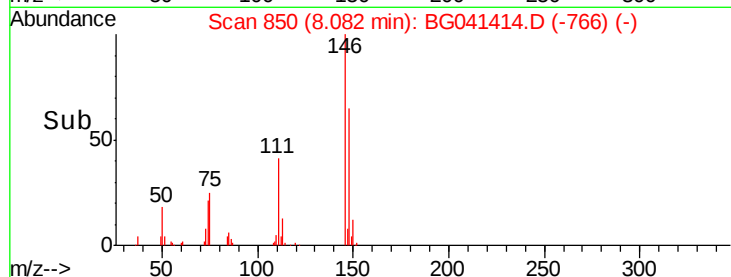
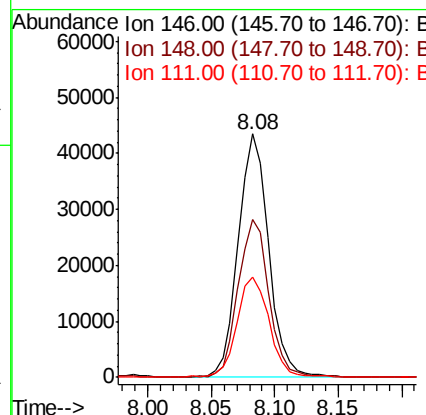
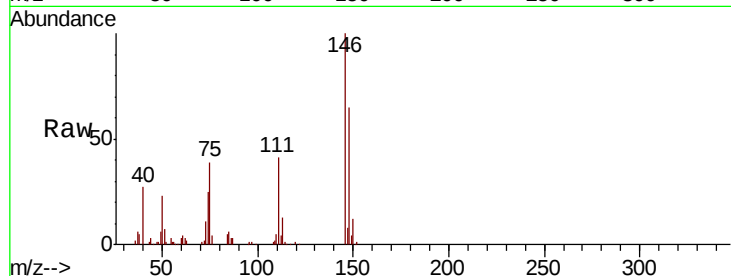




#13
1,4-Dichlorobenzene
Concen: 36.755 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

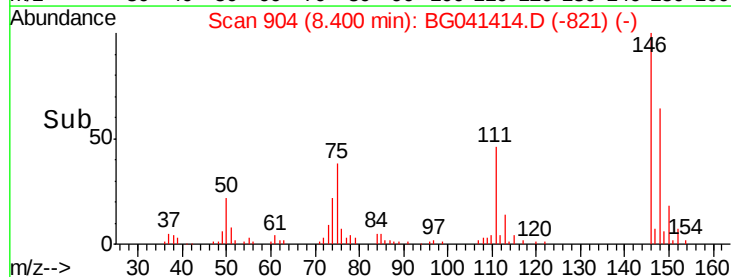
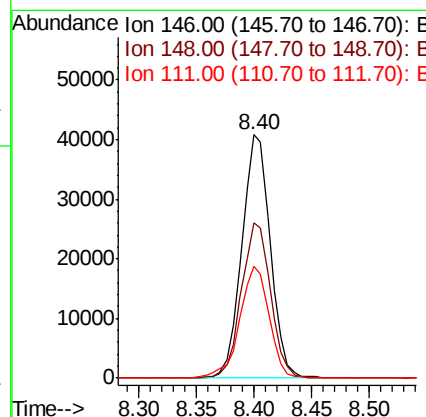
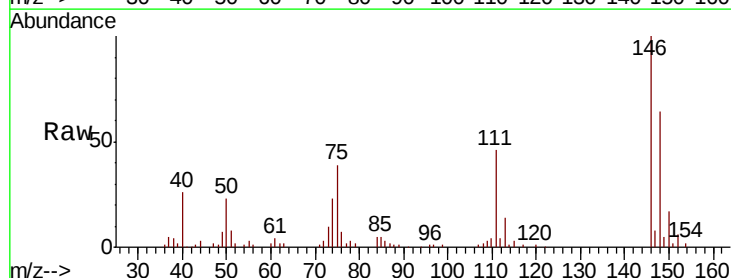
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

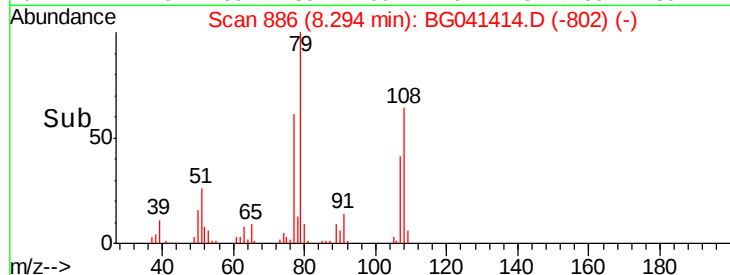
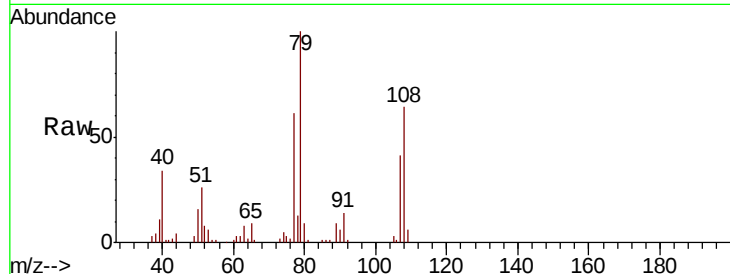
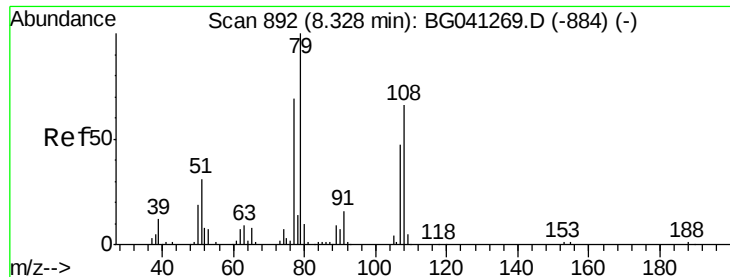
Tot Ion:146 Resp: 72278
Ion Ratio Lower Upper
146 100
148 65.0 47.3 70.9
111 41.0 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 37.009 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.04 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion:146 Resp: 69514
Ion Ratio Lower Upper
146 100
148 63.5 54.9 82.3
111 45.8 37.0 55.6

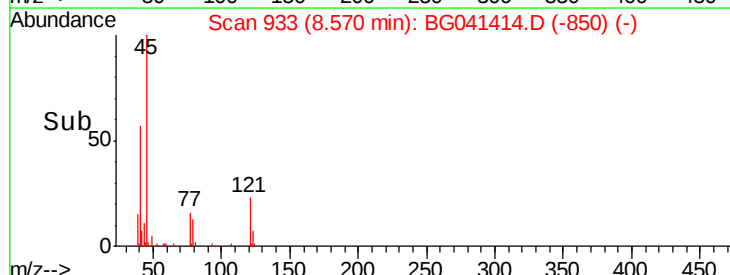
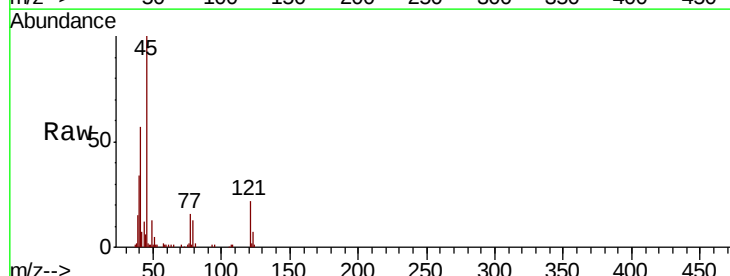
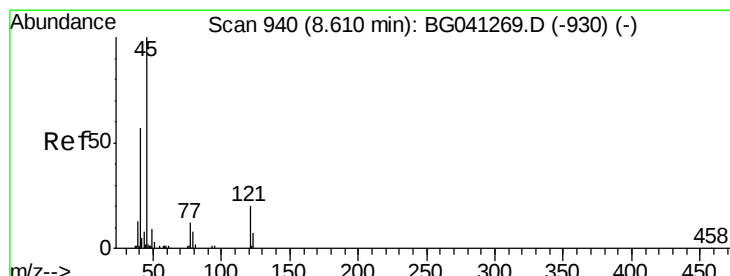
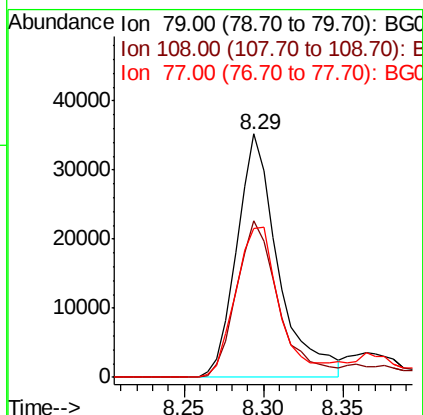




#15
Benzyl Alcohol
Concen: 35.128 ng
RT: 8.29 min Scan# 886
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

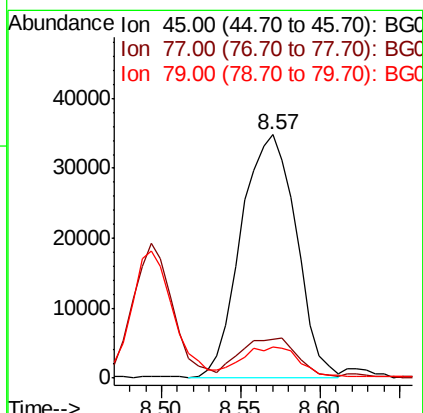
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

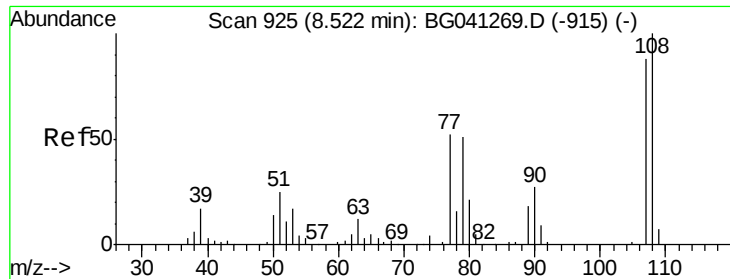
Tot Ion:	79	Resp:	63837
Ion	Ratio	Lower	Upper
79	100		
108	64.2	52.7	79.1
77	61.2	55.2	82.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.150 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.04 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion:	45	Resp:	83983
Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	35.2
79	12.7	0.0	31.6

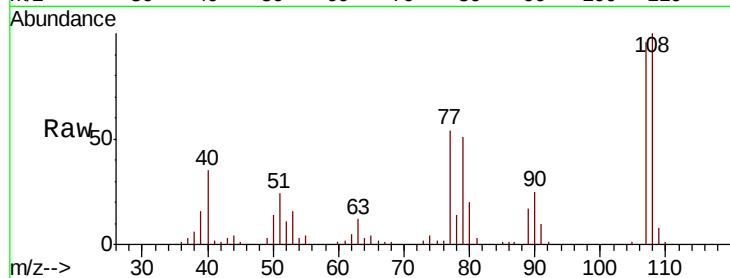




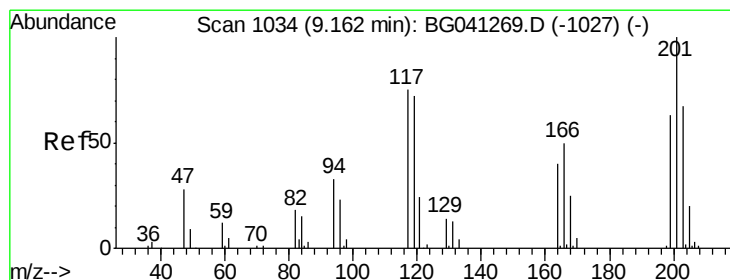
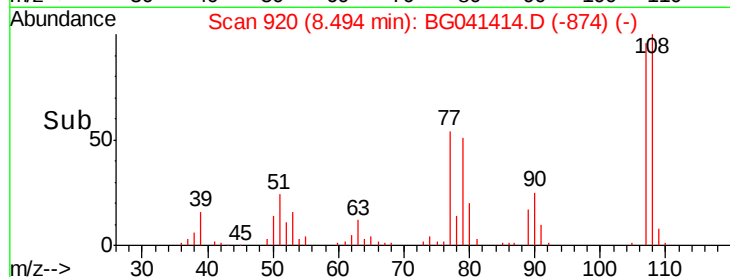
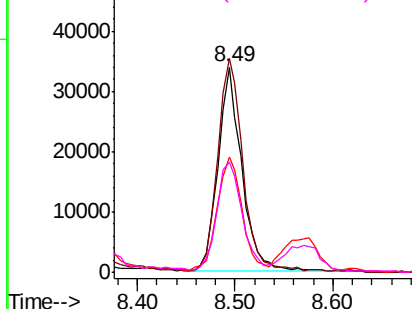
#17
2-Methylphenol
Concen: 39.203 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

Tot Ion:107 Resp: 57165
Ion Ratio Lower Upper
107 100
108 104.2 91.7 137.5
77 56.4 47.8 71.8
79 53.6 46.8 70.2

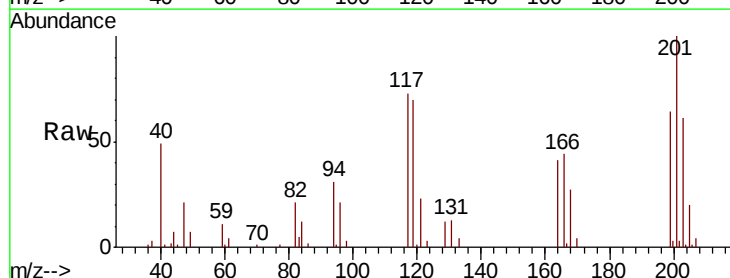


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

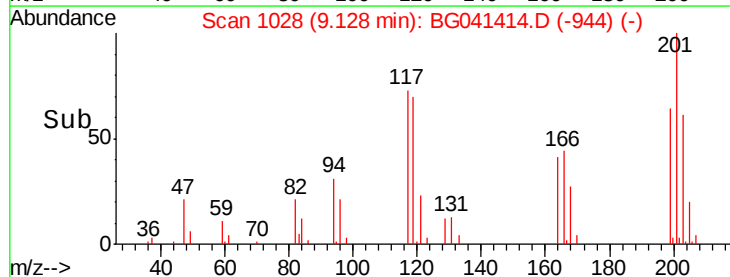
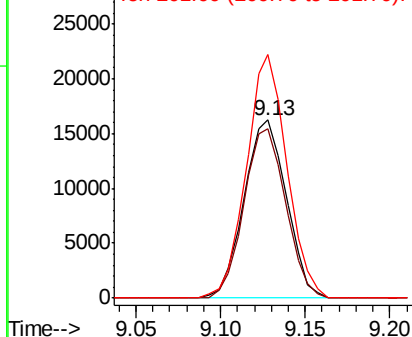


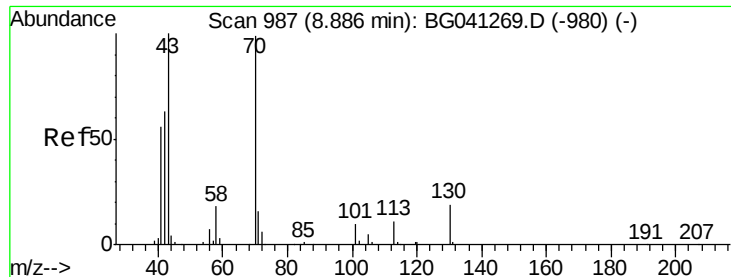
#18
Hexachloroethane
Concen: 36.336 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion:117 Resp: 28316
Ion Ratio Lower Upper
117 100
119 95.1 76.8 115.2
201 136.8 106.3 159.5



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

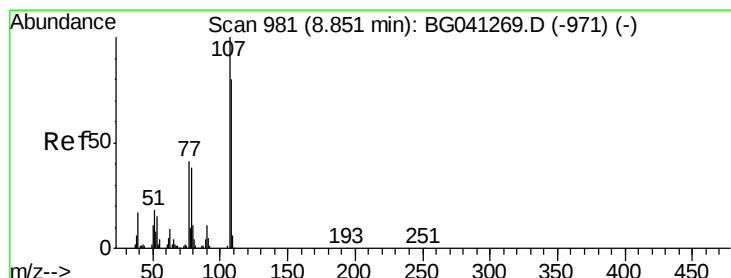
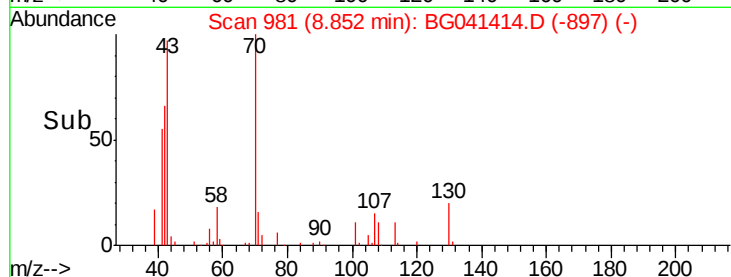
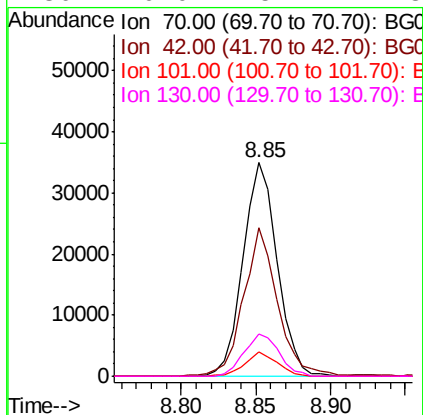
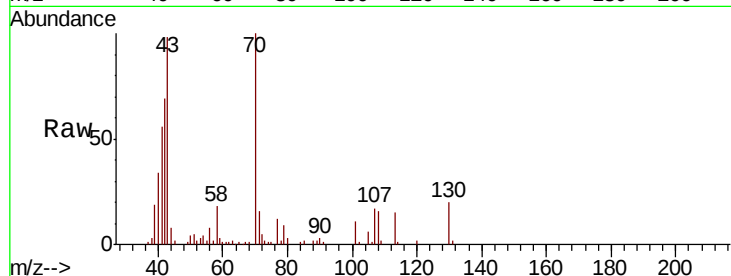




#19
n-Nitroso-di-n-propylamine
Concen: 36.097 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

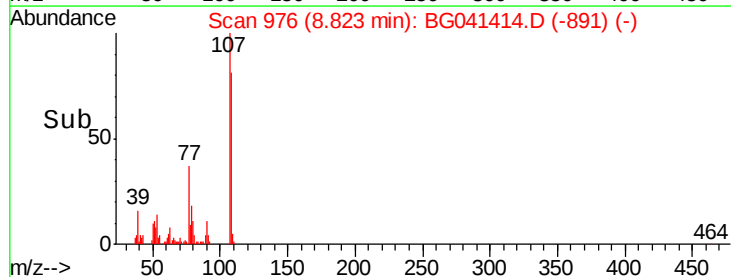
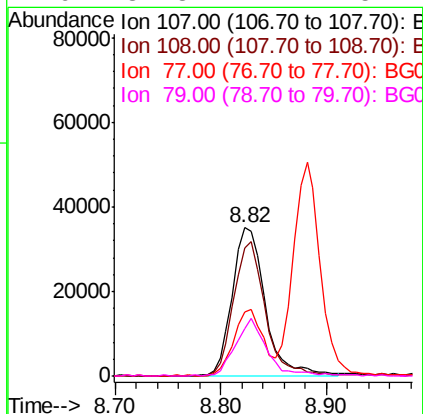
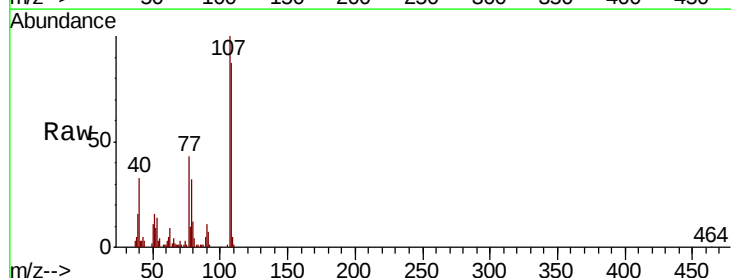
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

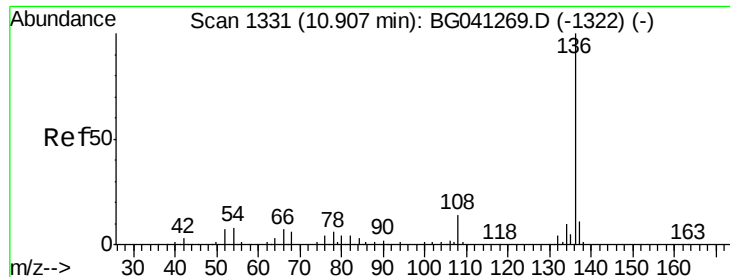
Tot Ion:	70	Resp:	55374
Ion	Ratio	Lower	Upper
70	100		
42	69.4	51.4	77.2
101	11.5	8.2	12.2
130	20.0	15.2	22.8



#20
3+4-Methylphenols
Concen: 39.183 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion:	107	Resp:	76062
Ion	Ratio	Lower	Upper
107	100		
108	86.8	60.4	100.4
77	43.1	21.2	61.2
79	31.8	17.7	57.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.04 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MSD

Tot Ion:136 Resp: 88749

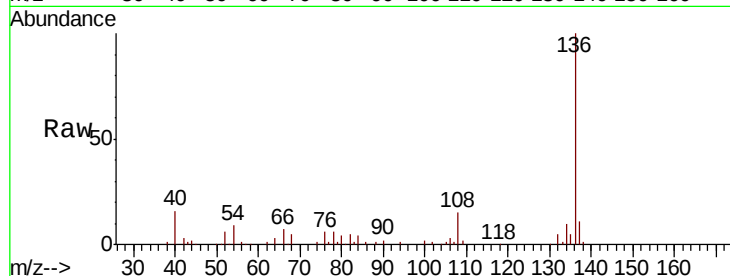
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.3 6.4 9.6

68 5.1 4.8 7.2

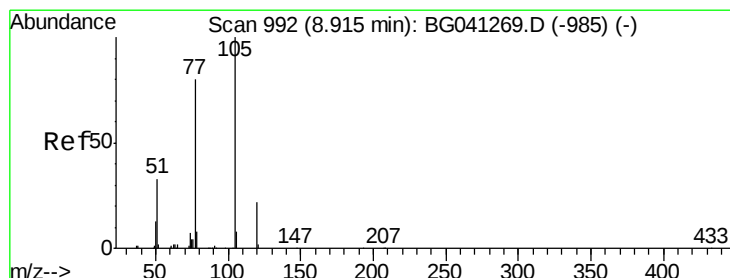
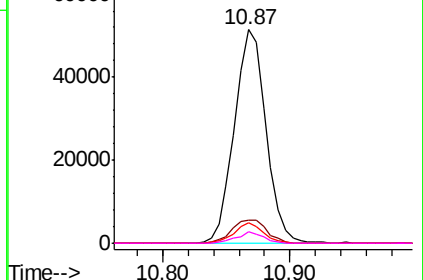
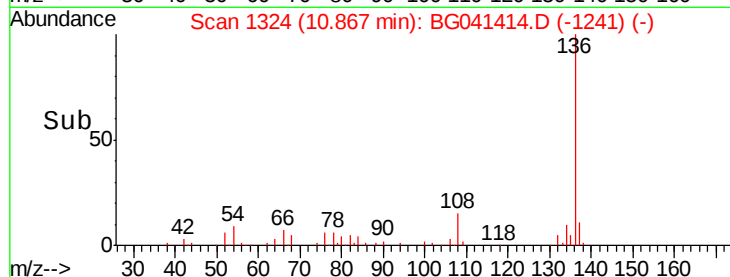


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.955 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

Tgt Ion:105 Resp: 108354

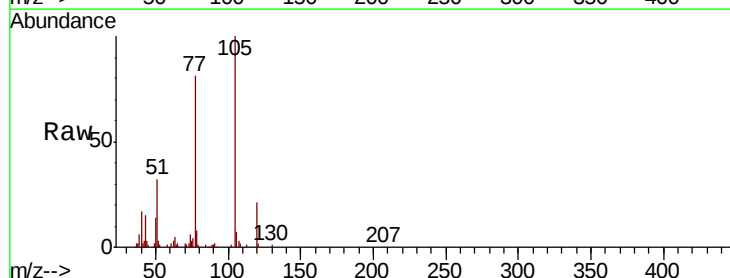
Ion Ratio Lower Upper

105 100

71 0.7 0.4 0.6#

51 31.7 28.2 42.4

120 20.8 17.4 26.0

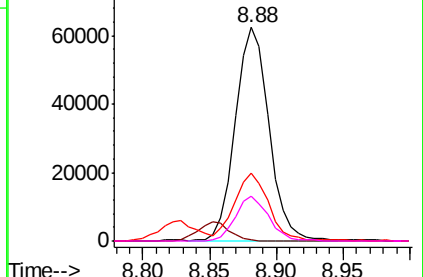
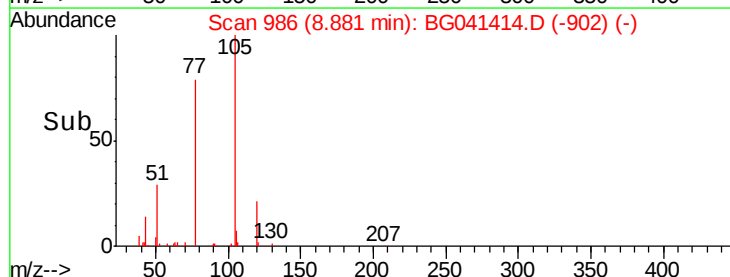


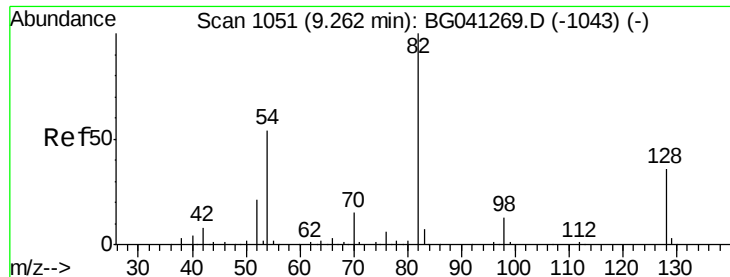
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

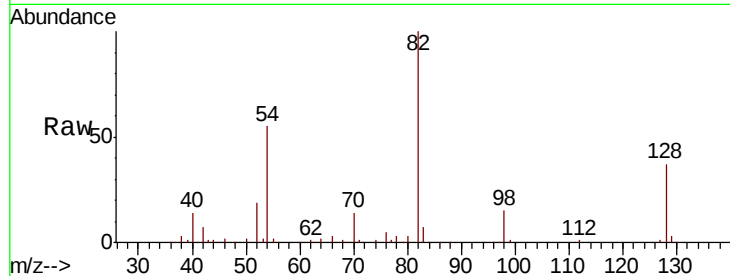




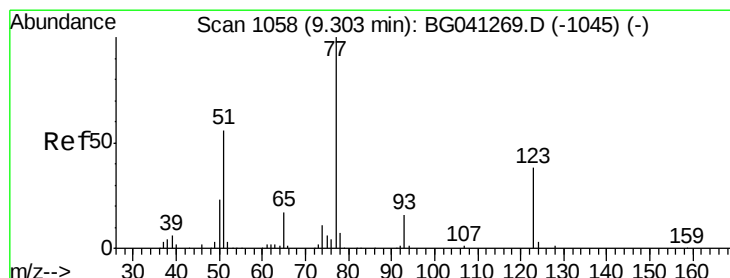
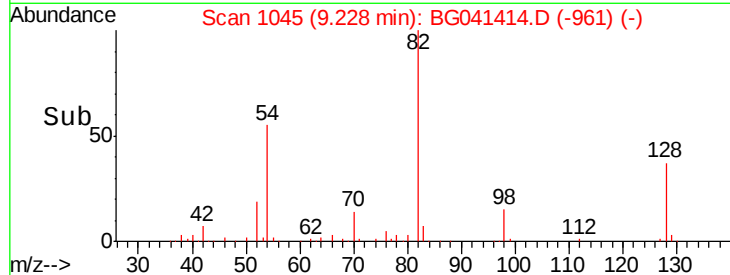
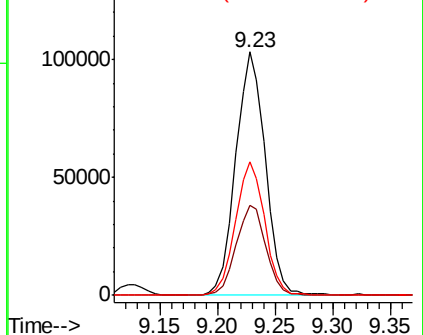
#23
Nitrobenzene-d5
Concen: 86.861 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

Tot Ion	82	Resp	183298
Ion Ratio	Lower	Upper	
82	100		
128	36.8	29.2	43.8
54	55.0	43.4	65.0

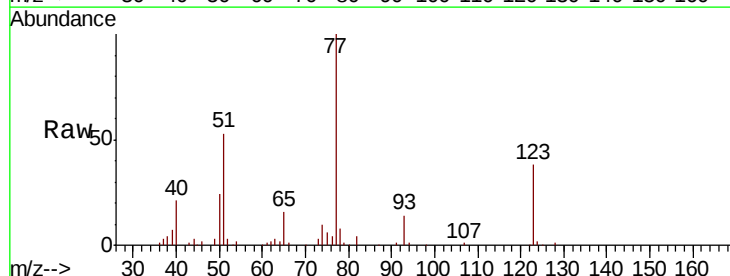


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

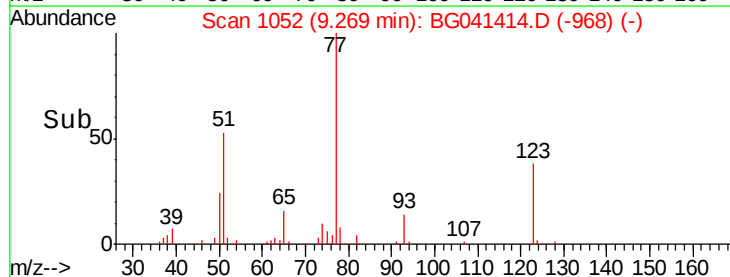
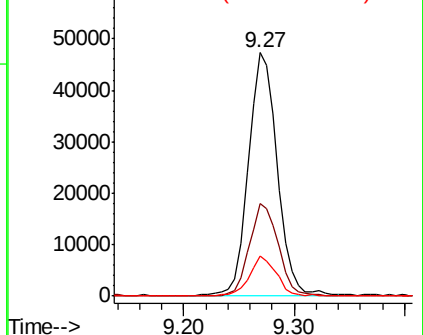


#24
Nitrobenzene
Concen: 41.175 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion	77	Resp	87388
Ion Ratio	Lower	Upper	
77	100		
123	37.9	30.4	45.6
65	16.3	13.3	19.9



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





#25

Isophorone

Concen: 41.098 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MSD

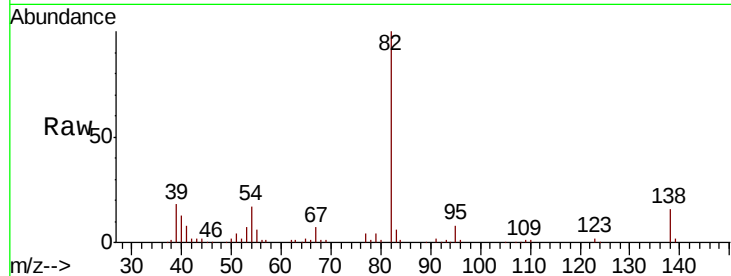
Tot Ion: 82 Resp: 159113

Ion Ratio Lower Upper

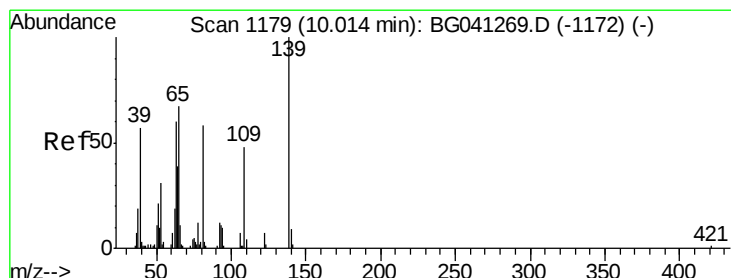
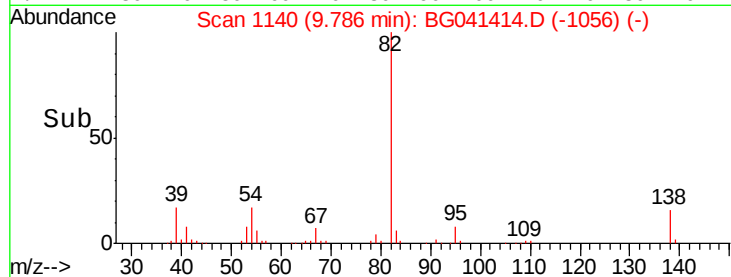
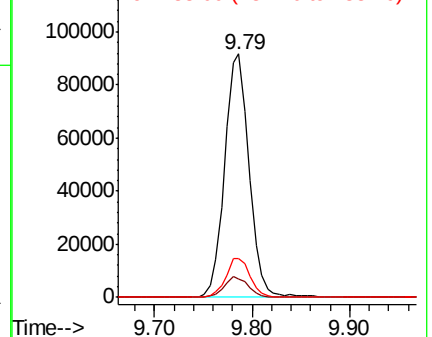
82 100

95 7.7 6.6 10.0

138 15.8 12.3 18.5



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: 43.611 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

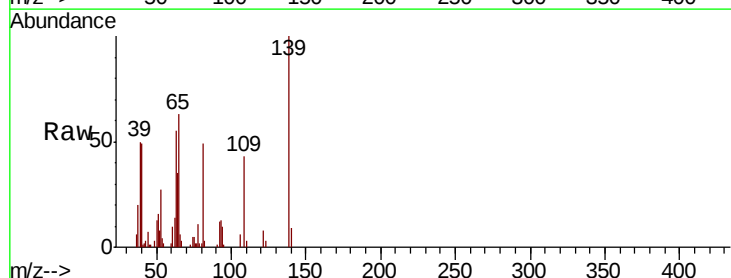
Tgt Ion: 139 Resp: 37524

Ion Ratio Lower Upper

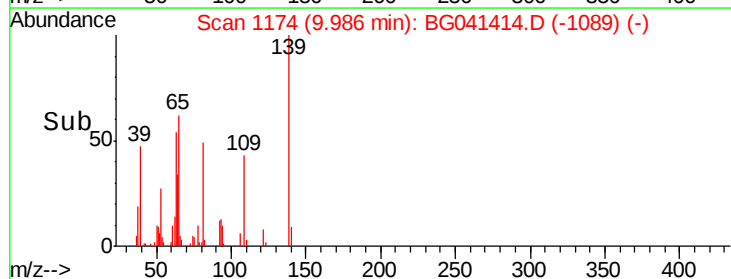
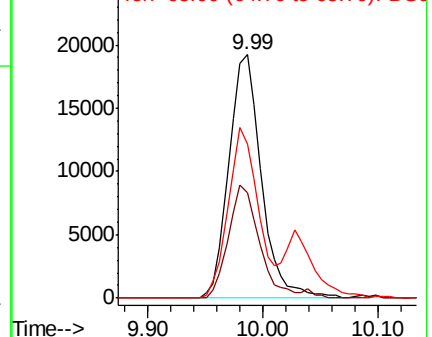
139 100

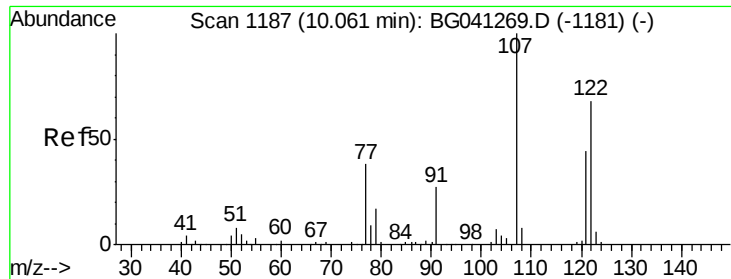
109 43.1 38.4 57.6

65 63.5 53.6 80.4



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

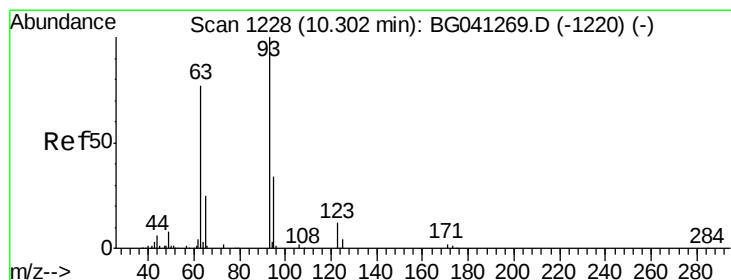
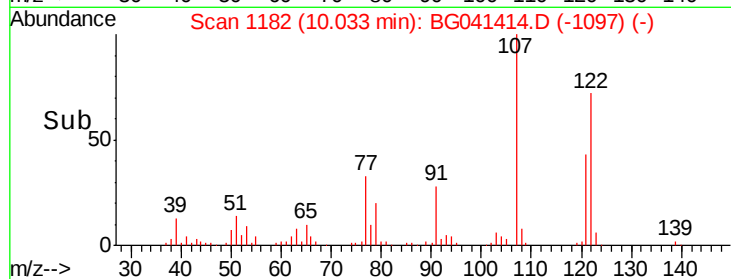
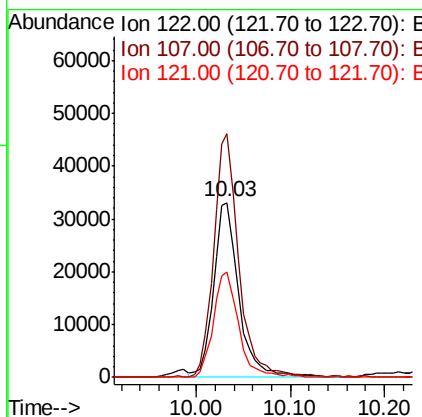
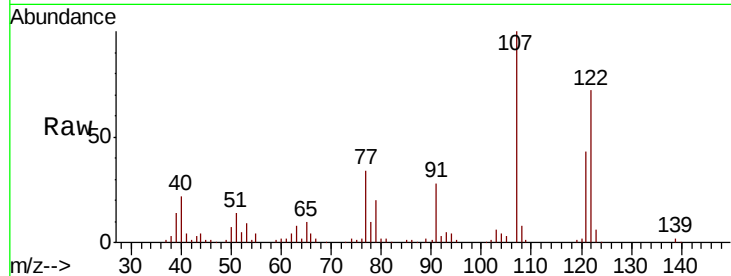




#27
2,4-Dimethylphenol
Concen: 48.023 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

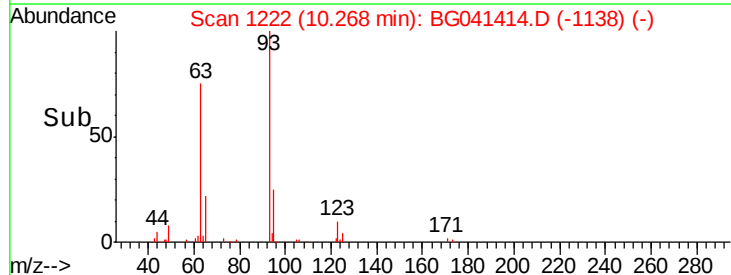
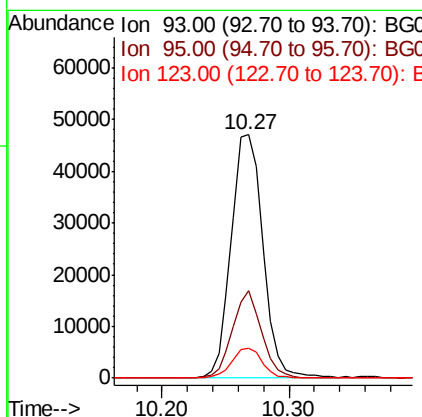
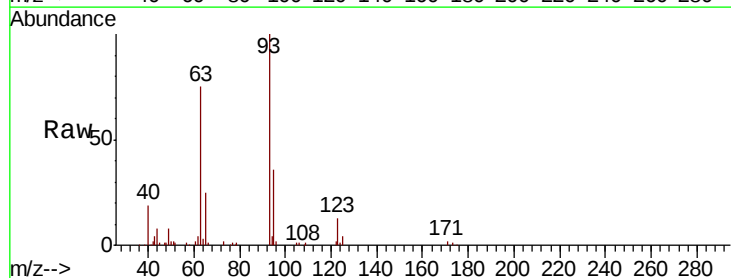
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

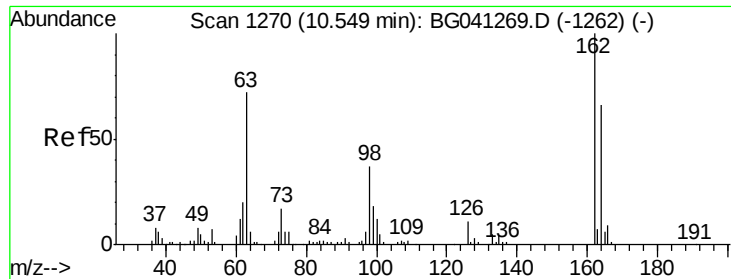
Tot Ion:122 Resp: 61938
Ion Ratio Lower Upper
122 100
107 139.0 115.1 172.7
121 60.1 50.1 75.1



#28
bis(2-Chloroethoxy)methane
Concen: 40.657 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion: 93 Resp: 82014
Ion Ratio Lower Upper
93 100
95 36.0 27.3 40.9
123 12.5 9.6 14.4

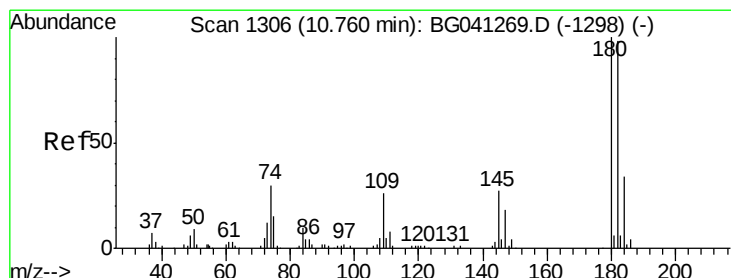
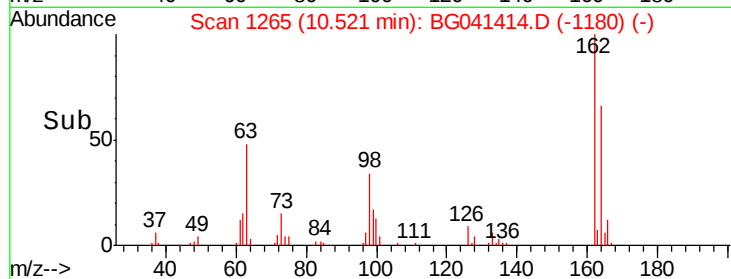
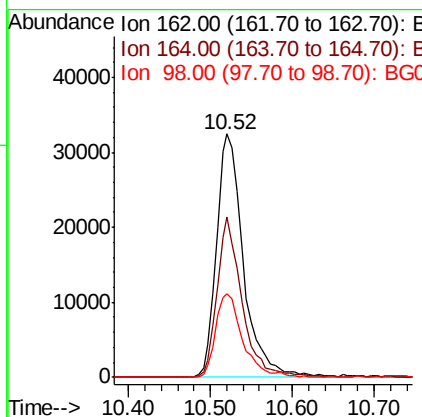
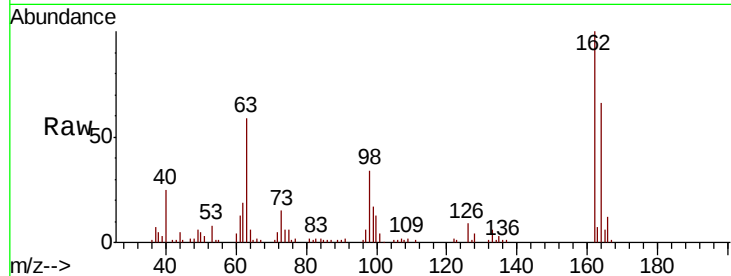




#29
 2,4-Dichlorophenol
 Concen: 46.498 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.03 min
 Lab File: BG041414.D
 Acq: 22 Jun 2019 22:02

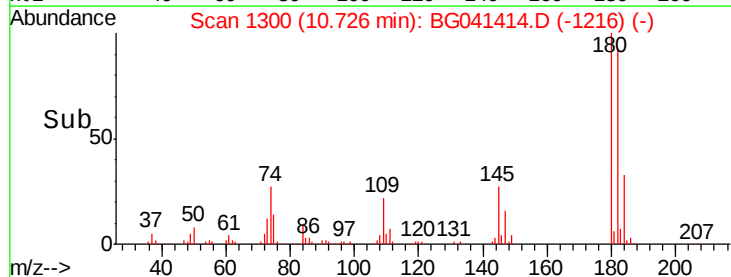
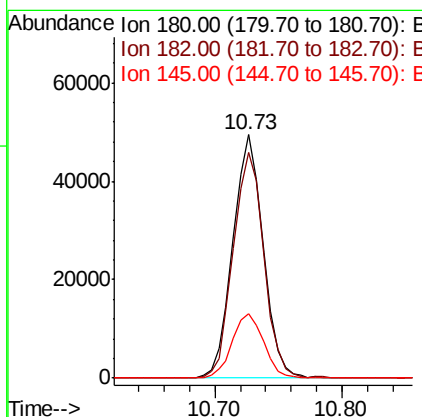
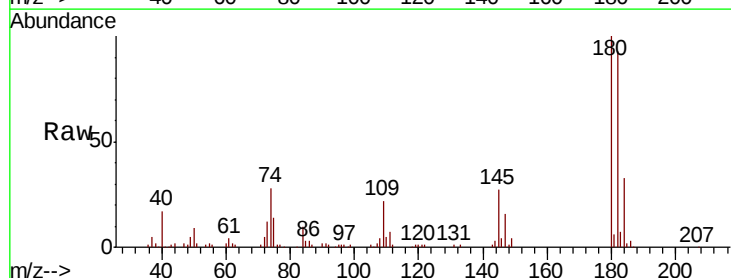
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-062019MSD

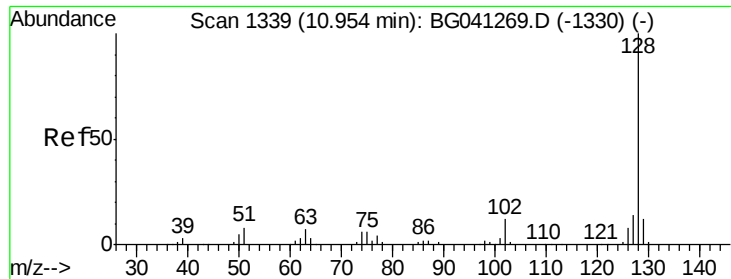
Tot Ion:162 Resp: 74360
 Ion Ratio Lower Upper
 162 100
 164 66.1 46.0 86.0
 98 34.3 17.4 57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.781 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.03 min
 Lab File: BG041414.D
 Acq: 22 Jun 2019 22:02

Tgt Ion:180 Resp: 81477
 Ion Ratio Lower Upper
 180 100
 182 92.9 78.6 117.8
 145 26.6 21.7 32.5

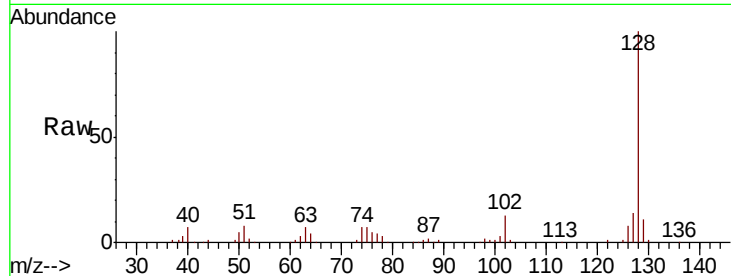




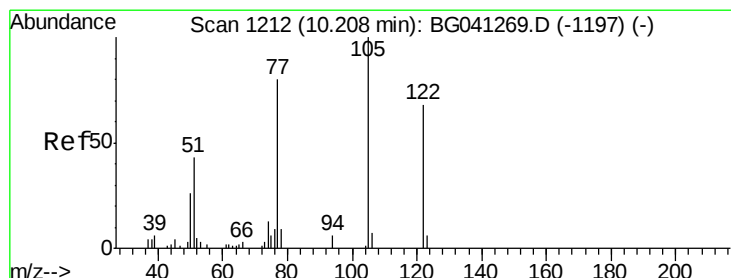
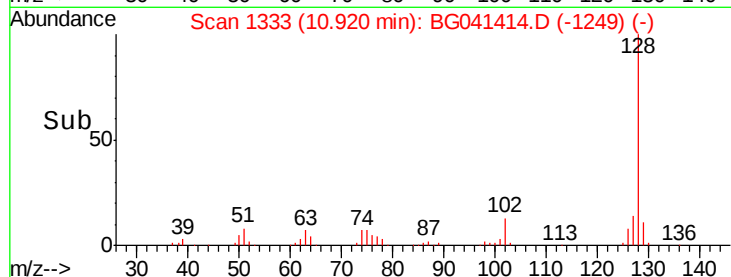
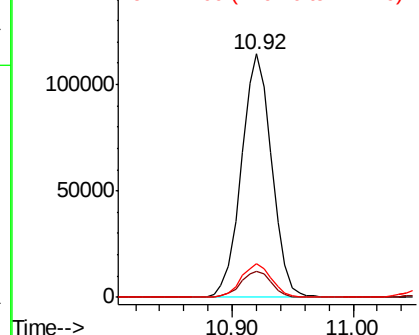
#31
Naphthalene
Concen: 41.475 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

Tot Ion:128 Resp: 200048
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 13.8 11.2 16.8

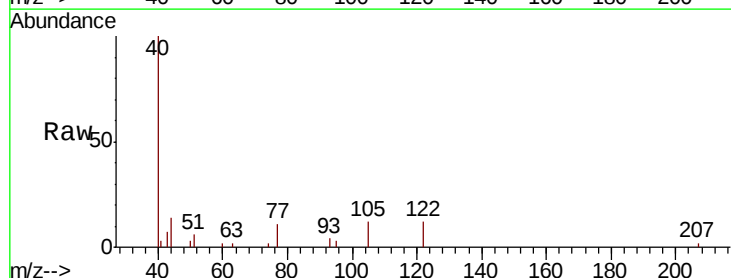


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

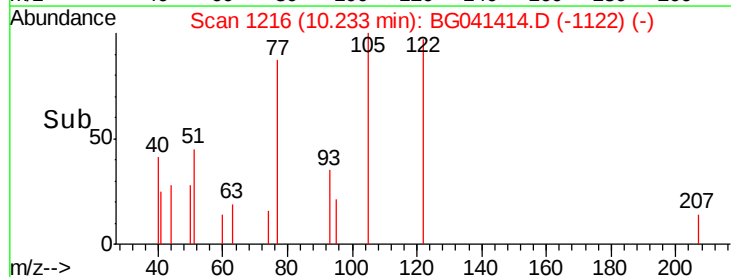
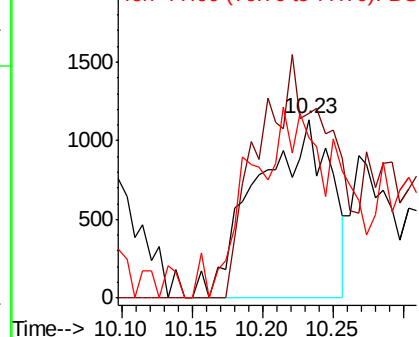


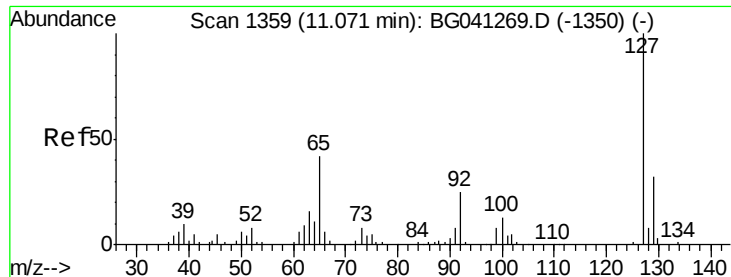
#32
Benzoic acid
Concen: 4.892 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion:122 Resp: 4107
Ion Ratio Lower Upper
122 100
105 103.6 124.2 164.2#
77 89.8 97.2 137.2#



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

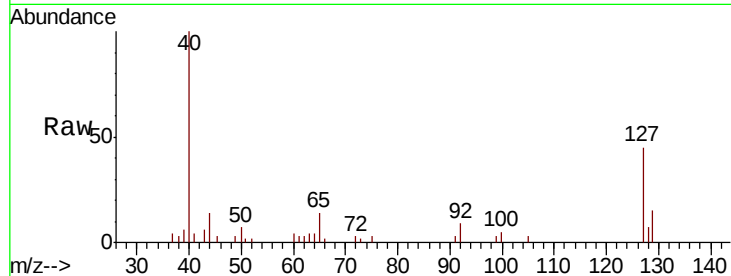




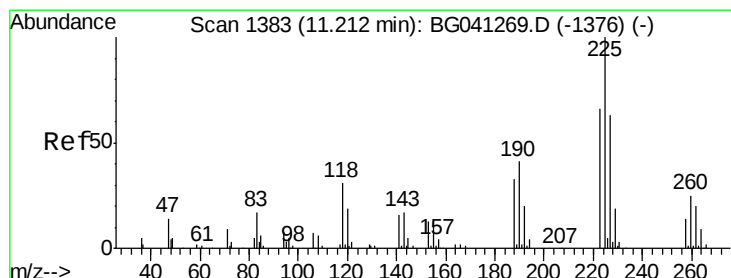
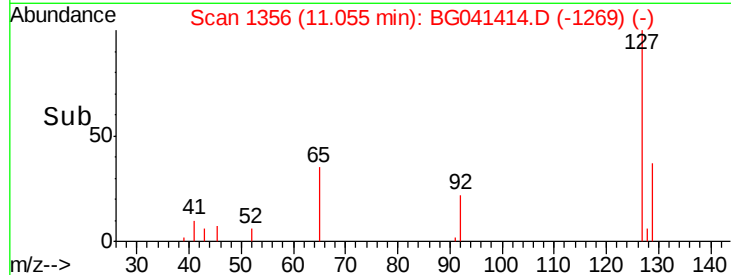
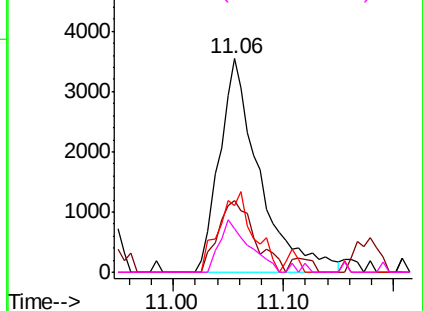
#33
4-Chloroaniline
Concen: 4.354 ng
RT: 11.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

Tot Ion:127 Resp: 8920
Ion Ratio Lower Upper
127 100
129 33.6 25.8 38.8
65 31.4 33.8 50.8#
92 20.3 20.2 30.4

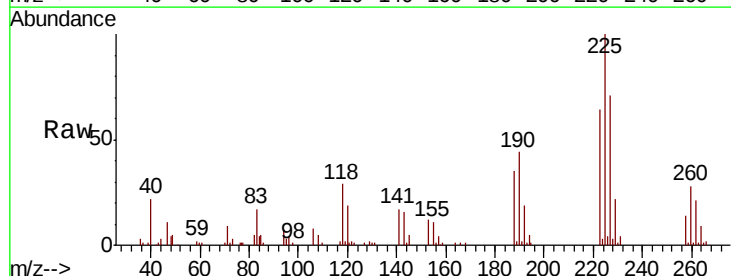


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

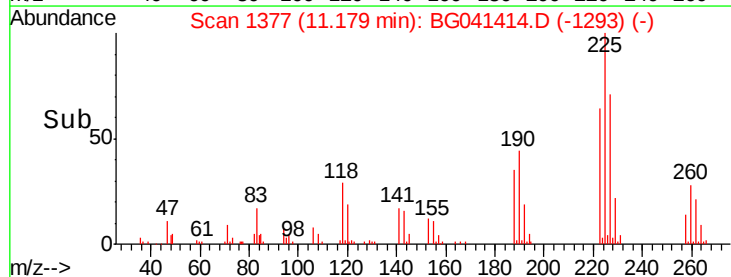
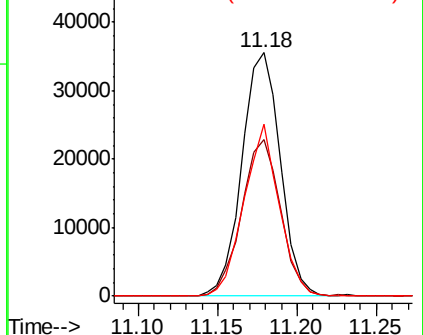


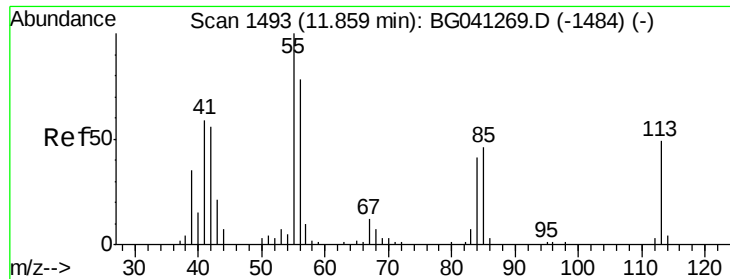
#34
Hexachlorobutadiene
Concen: 36.778 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion:225 Resp: 59792
Ion Ratio Lower Upper
225 100
223 64.3 52.5 78.7
227 70.7 50.2 75.2



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





#35

Caprolactam

Concen: 37.808 ng/mL

RT: 11.83 min Scan# 1488

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

Instrument :

BNA_G

ClientSampleID :

OK-03-062019MSD

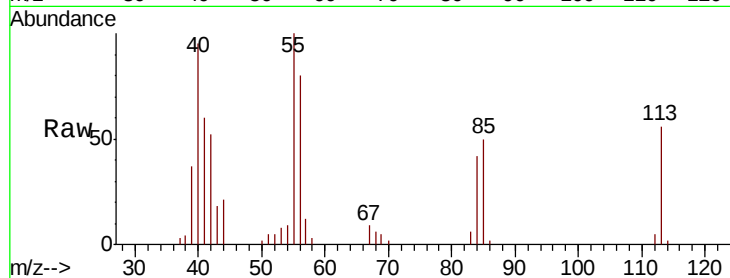
Tot Ion:113 Resp: 20815

Ion Ratio Lower Upper

113 100

55 179.6 182.6 222.6#

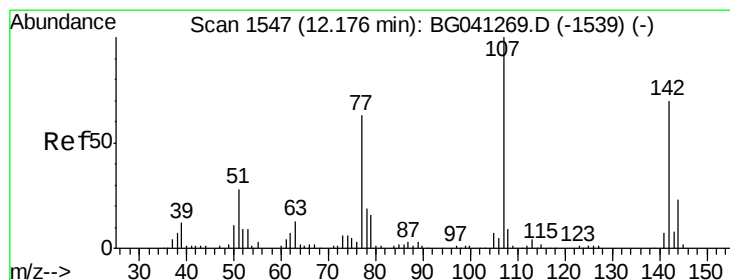
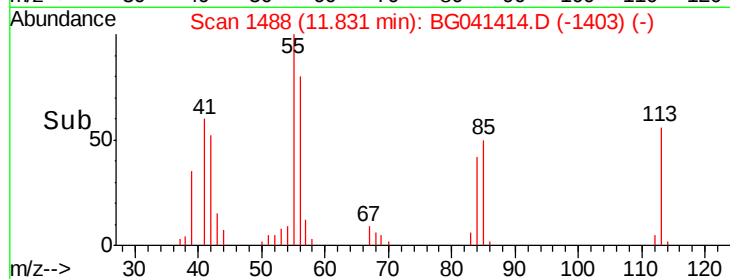
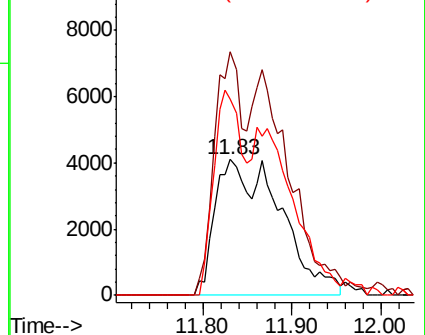
56 144.4 137.5 177.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG041269.D (-1484) (-)

Ion 56.00 (55.70 to 56.70): BG041269.D (-1484) (-)



#36

4-Chloro-3-methylphenol

Concen: 44.599 ng/mL

RT: 12.15 min Scan# 1543

Delta R.T. -0.02 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

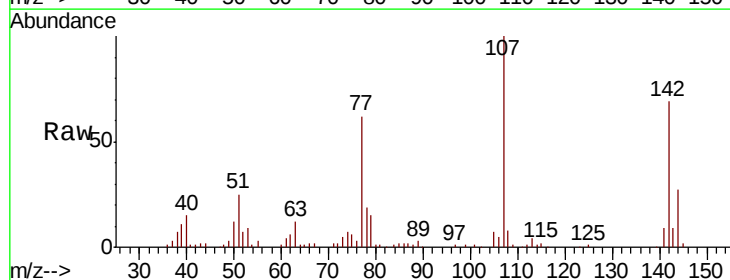
Tgt Ion:107 Resp: 82383

Ion Ratio Lower Upper

107 100

144 26.5 18.5 27.7

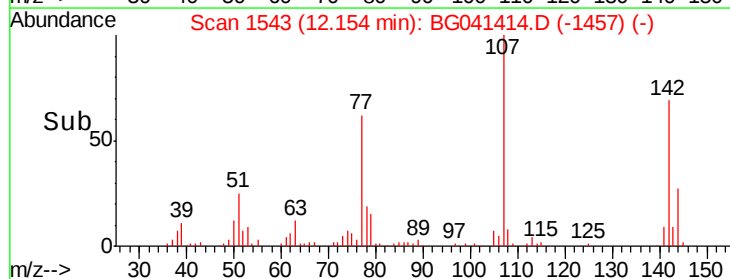
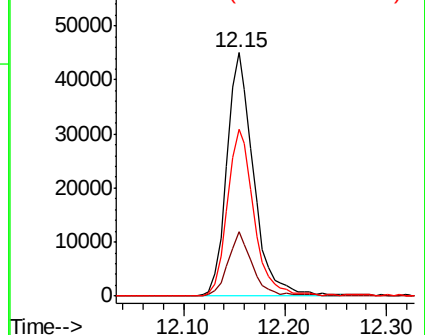
142 68.6 56.3 84.5

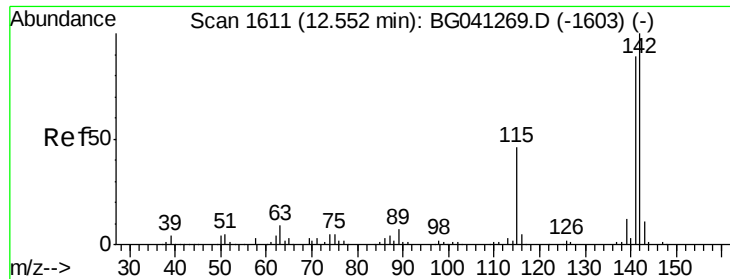


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

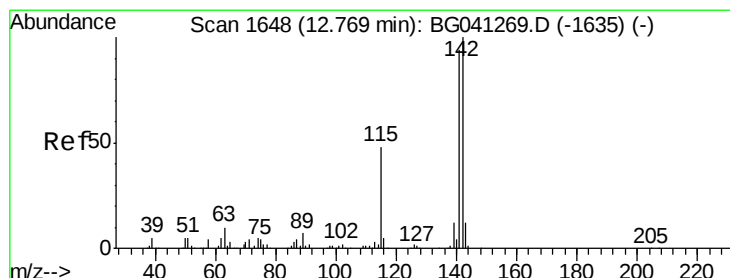
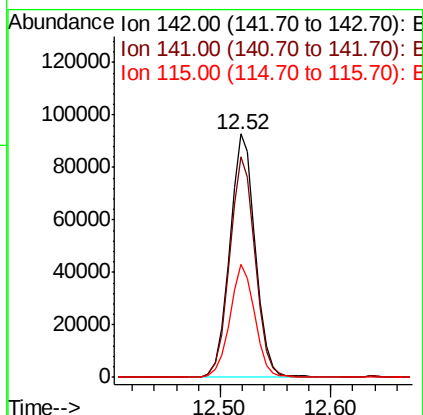
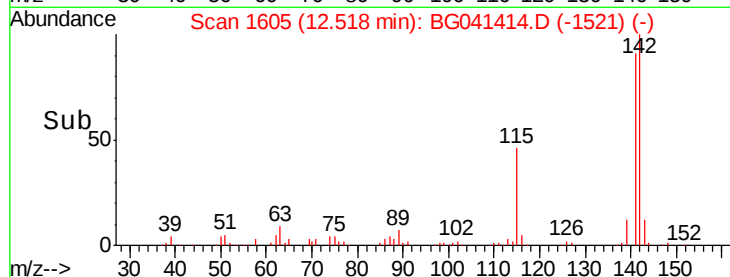
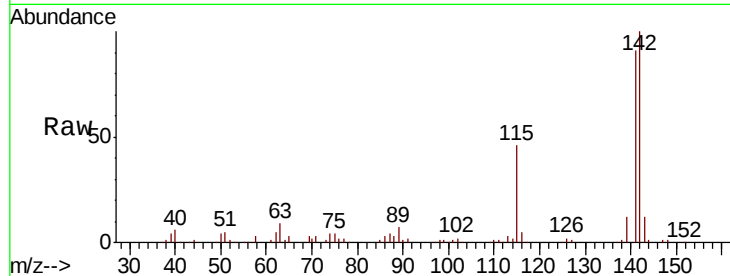




#37
 2-Methylnaphthalene
 Concen: 41.970 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.03 min
 Lab File: BG041414.D
 Acq: 22 Jun 2019 22:02

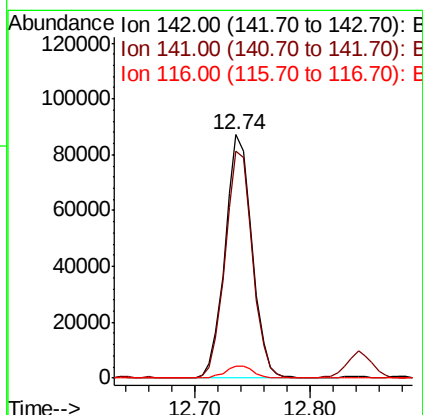
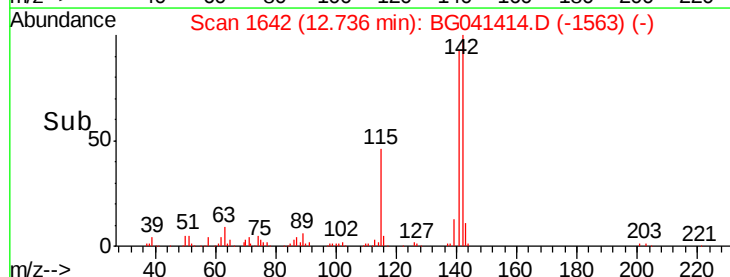
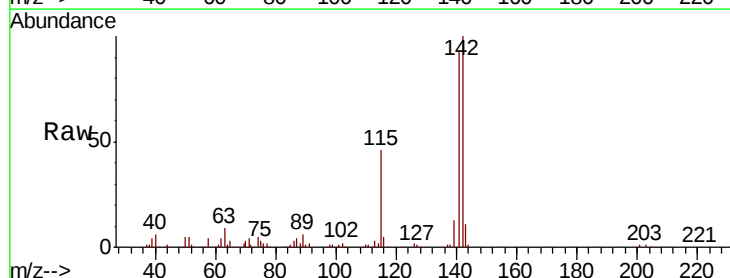
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-062019MSD

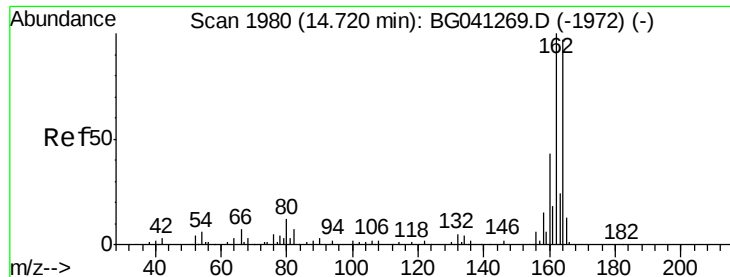
Tot Ion:142 Resp: 149100
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.5 107.3
 115 46.5 37.0 55.6



#38
 1-Methylnaphthalene
 Concen: 41.568 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.03 min
 Lab File: BG041414.D
 Acq: 22 Jun 2019 22:02

Tgt Ion:142 Resp: 141286
 Ion Ratio Lower Upper
 142 100
 141 93.1 75.0 112.6
 116 4.8 4.2 6.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MSD

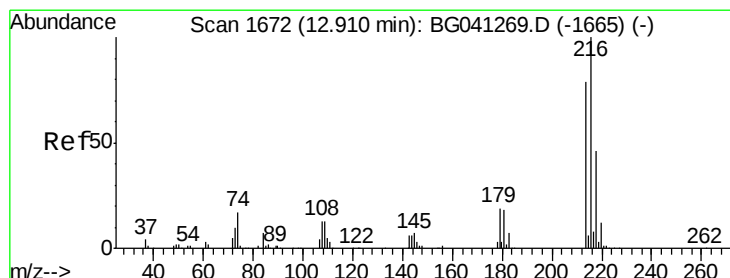
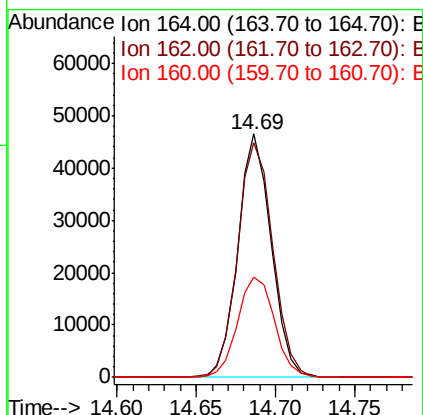
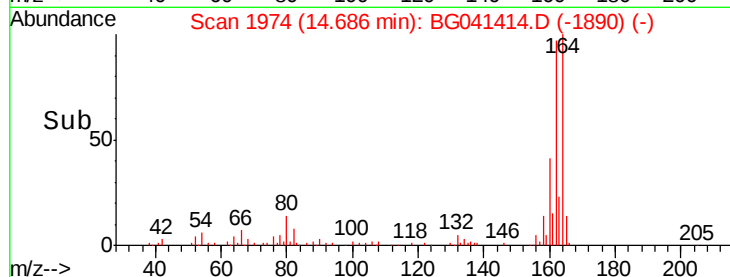
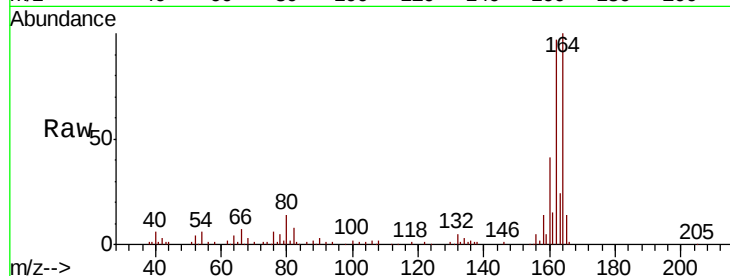
Tot Ion:164 Resp: 67808

Ion Ratio Lower Upper

164 100

162 96.5 82.8 124.2

160 41.3 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.003 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

Tgt Ion:216 Resp: 109207

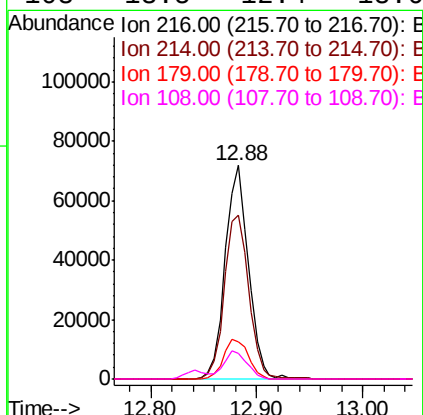
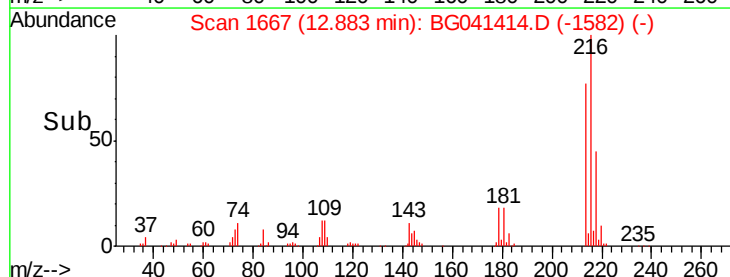
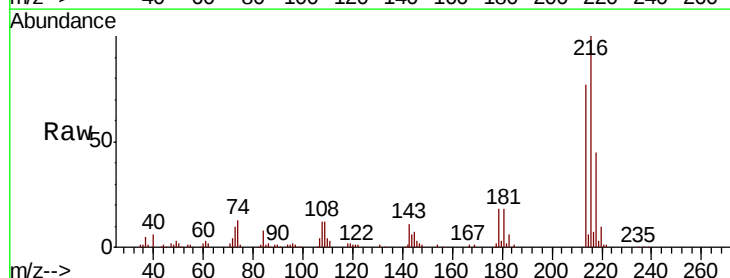
Ion Ratio Lower Upper

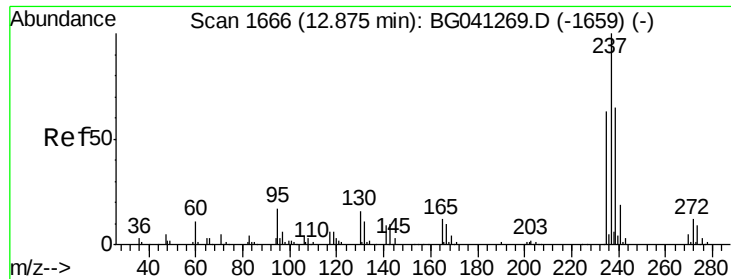
216 100

214 80.8 62.8 94.2

179 19.9 15.2 22.8

108 13.5 12.4 18.6





#41

Hexachlorocyclopentadiene

Concen: 78.117 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MSD

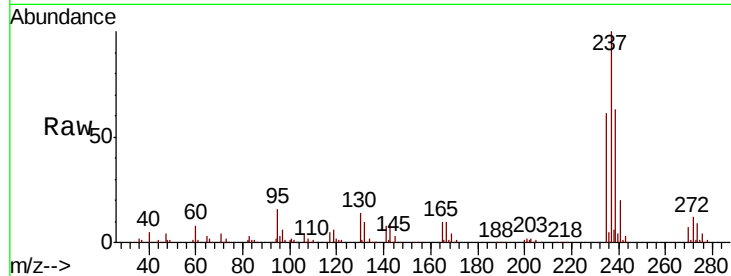
Tot Ion:237 Resp: 147333

Ion Ratio Lower Upper

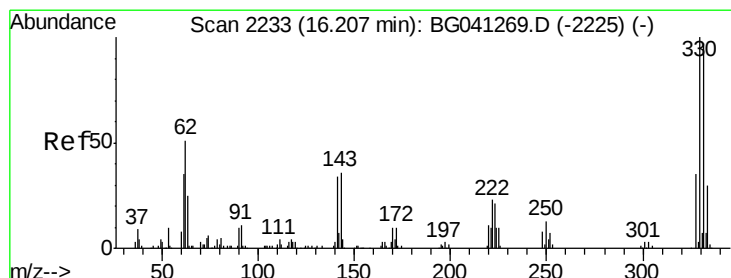
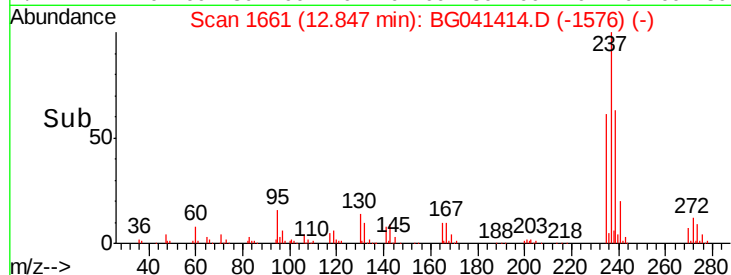
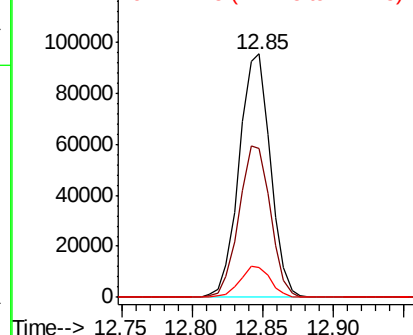
237 100

235 61.2 42.9 82.9

272 12.5 0.0 32.0



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: 149.095 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

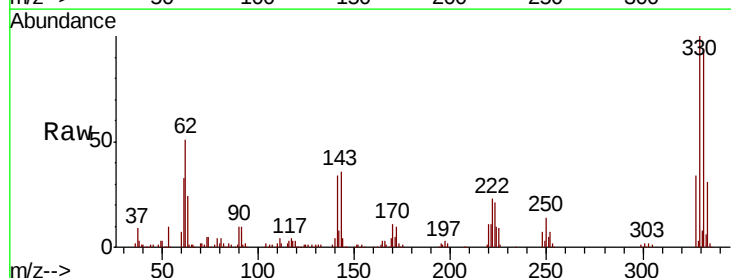
Tgt Ion:330 Resp: 155208

Ion Ratio Lower Upper

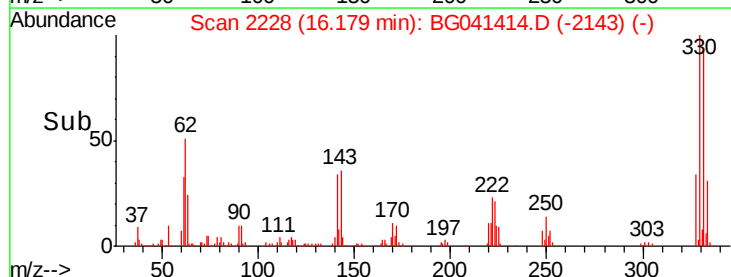
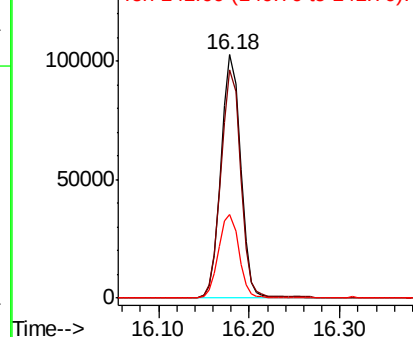
330 100

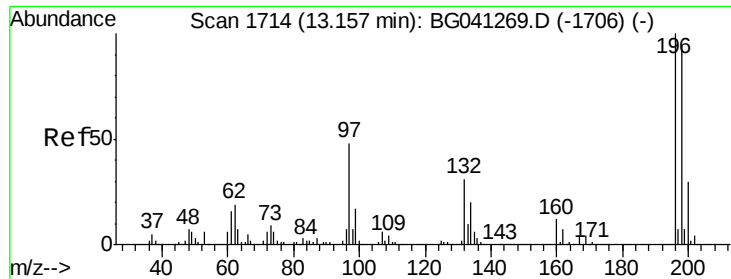
332 94.4 75.5 113.3

141 35.5 29.0 43.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

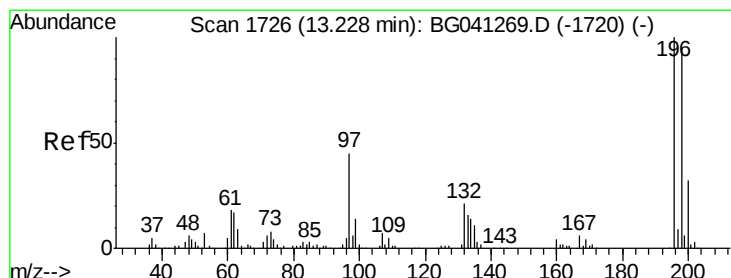
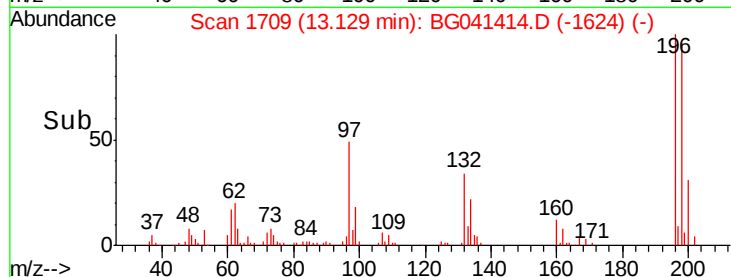
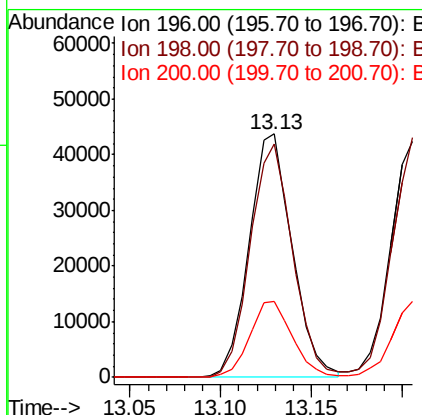
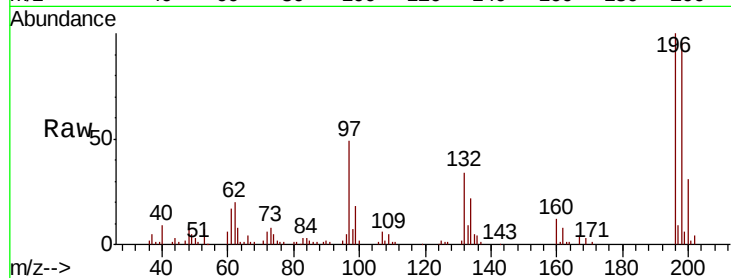




#43
 2,4,6-Trichlorophenol
 Concen: 41.582 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.03 min
 Lab File: BG041414.D
 Acq: 22 Jun 2019 22:02

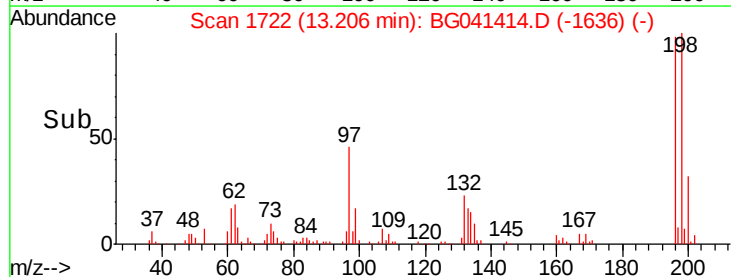
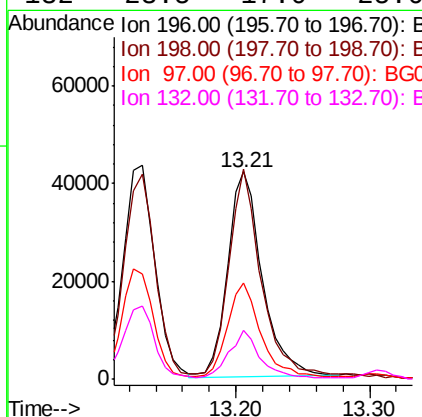
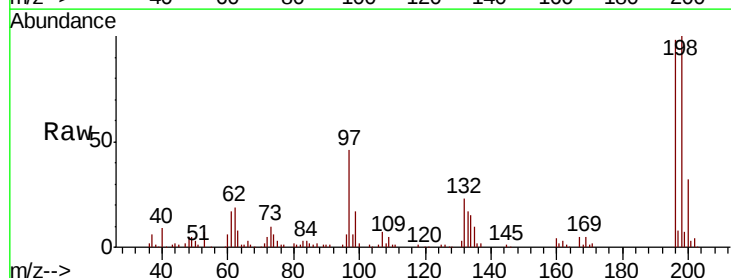
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-062019MSD

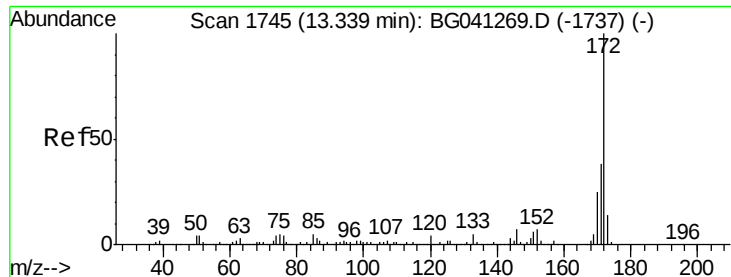
Tot Ion:196 Resp: 72025
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.9 112.3
 200 31.0 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 42.313 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG041414.D
 Acq: 22 Jun 2019 22:02

Tgt Ion:196 Resp: 75411
 Ion Ratio Lower Upper
 196 100
 198 101.6 76.1 114.1
 97 46.7 35.9 53.9
 132 23.5 17.0 25.6

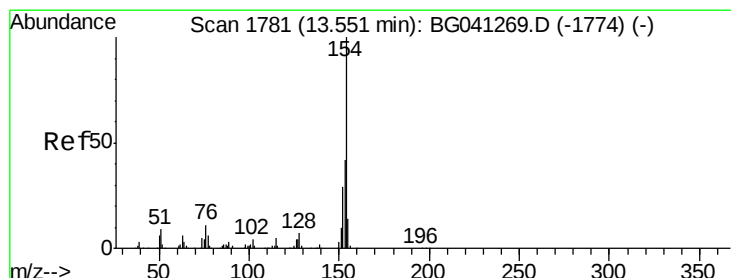
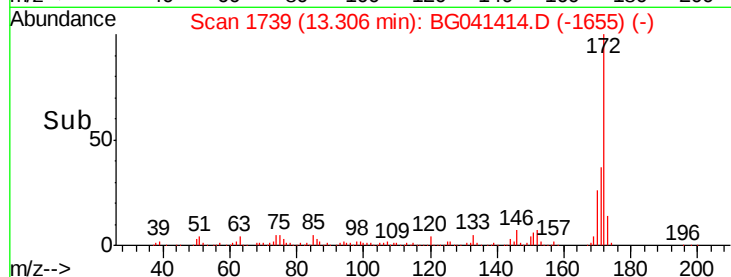
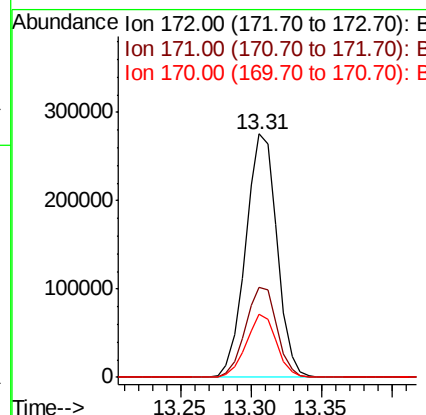
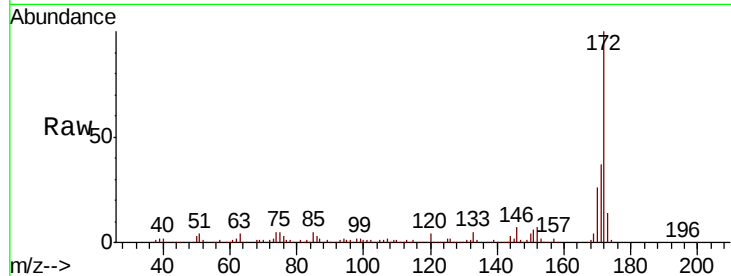




#45
2-Fluorobiphenyl
Concen: 85.897 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

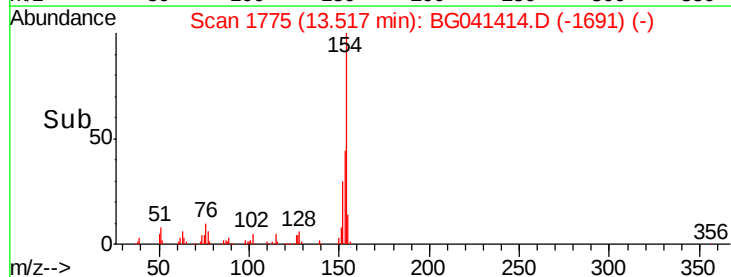
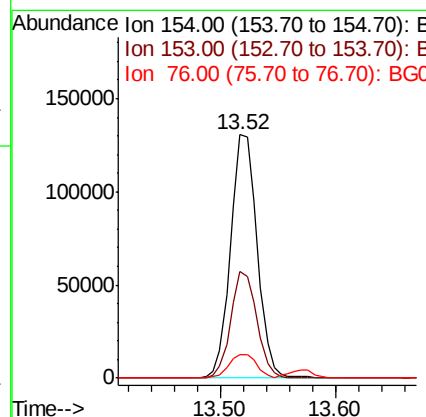
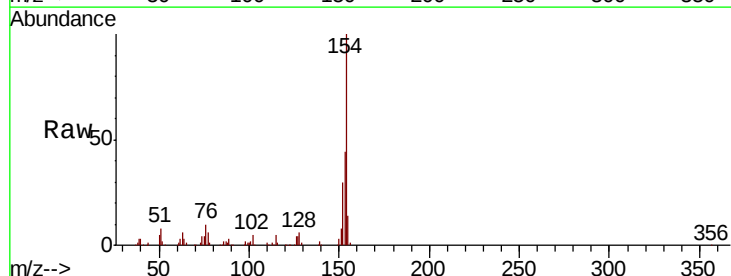
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

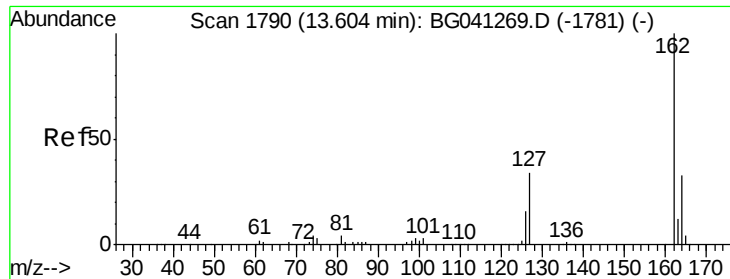
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	25.7	19.8	29.6



#46
1,1'-Biphenyl
Concen: 40.705 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	22.3	62.3
76	9.7	0.0	30.8

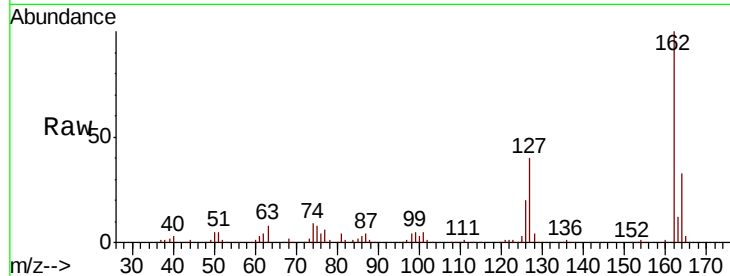




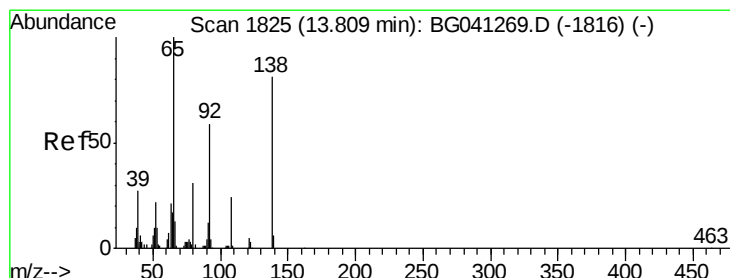
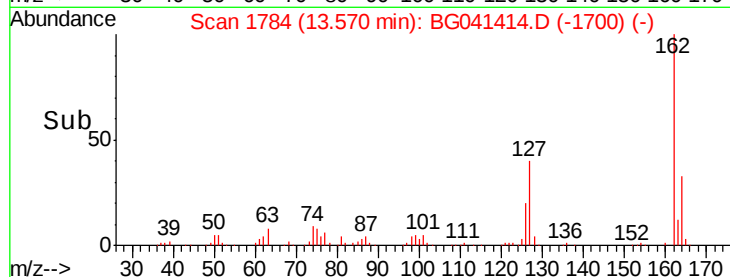
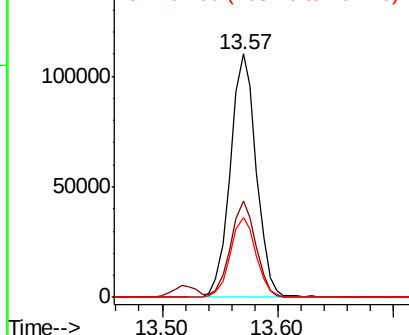
#47
 2-Chloronaphthalene
 Concen: 38.727 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.03 min
 Lab File: BG041414.D
 Acq: 22 Jun 2019 22:02

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-062019MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.0	46.4
164	33.0	26.1	39.1

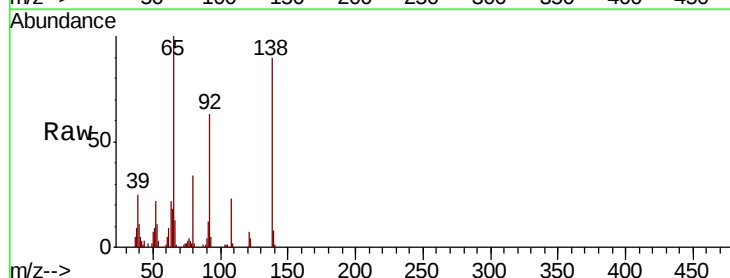


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

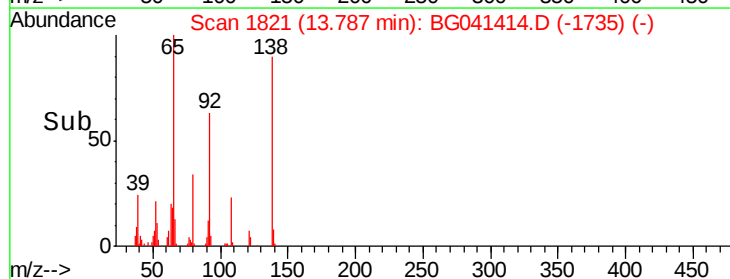
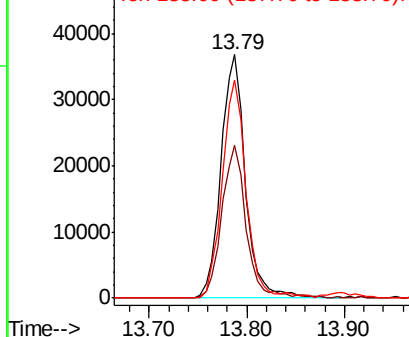


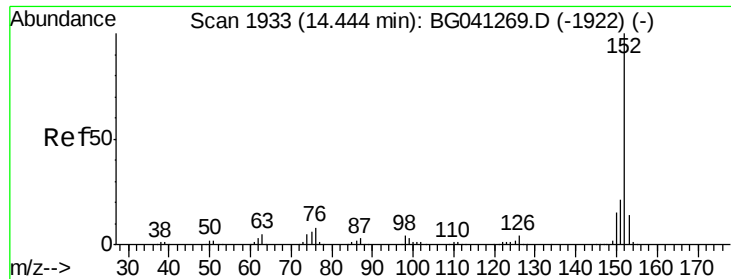
#48
 2-Nitroaniline
 Concen: 39.537 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.02 min
 Lab File: BG041414.D
 Acq: 22 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.5	47.4	71.2
138	89.6	64.7	97.1



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: 41.847 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MSD

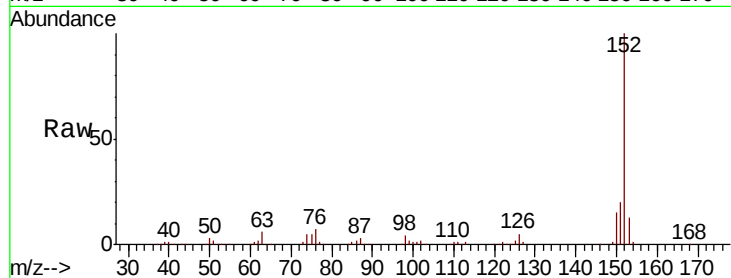
Tot Ion:152 Resp: 280253

Ion Ratio Lower Upper

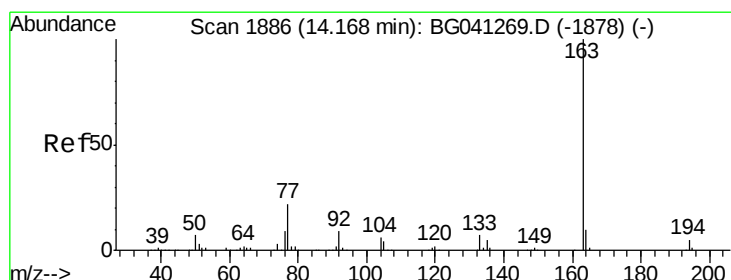
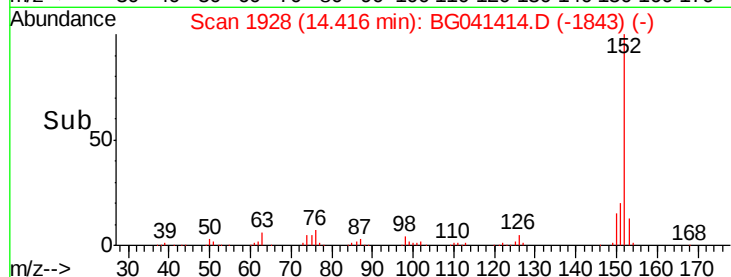
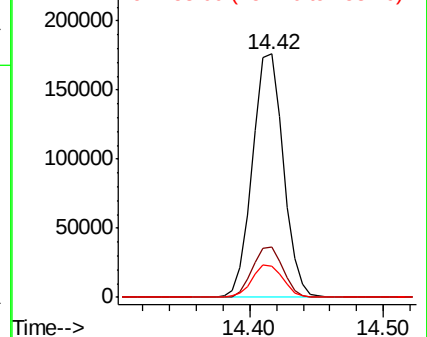
152 100

151 20.5 16.8 25.2

153 12.9 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: 41.430 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

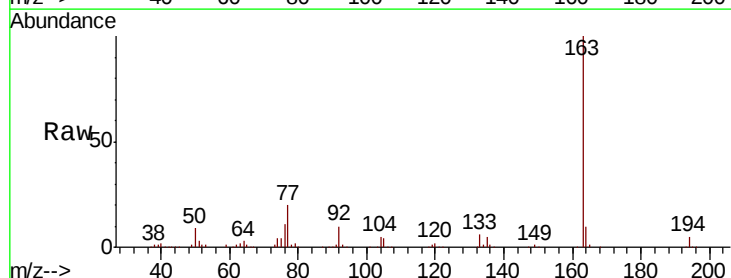
Tgt Ion:163 Resp: 249958

Ion Ratio Lower Upper

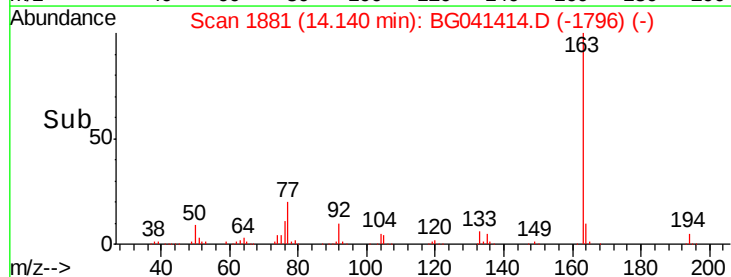
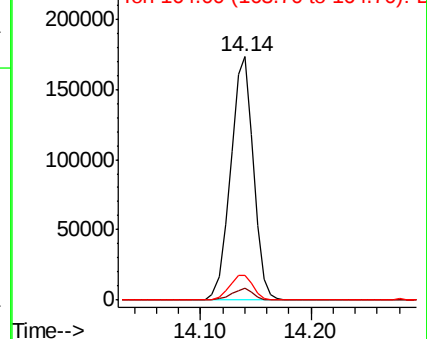
163 100

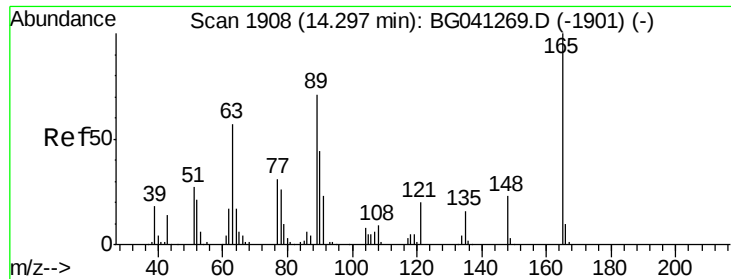
194 5.1 3.9 5.9

164 10.0 8.3 12.5



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

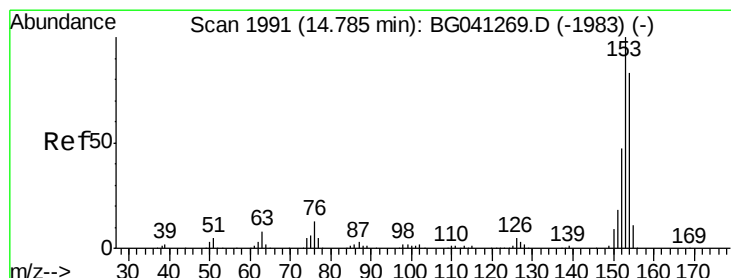
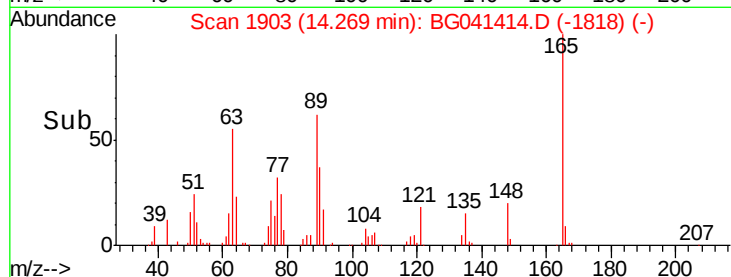
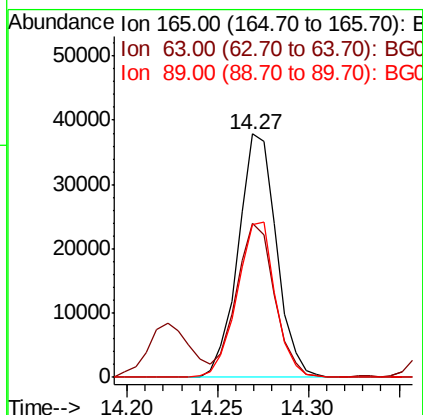
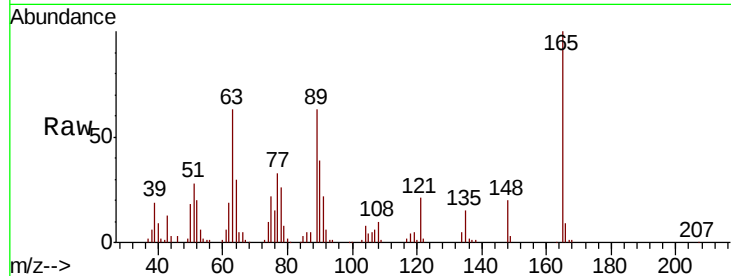




#51
2,6-Dinitrotoluene
Concen: 43.536 ng
RT: 14.27 min Scan# 1903
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

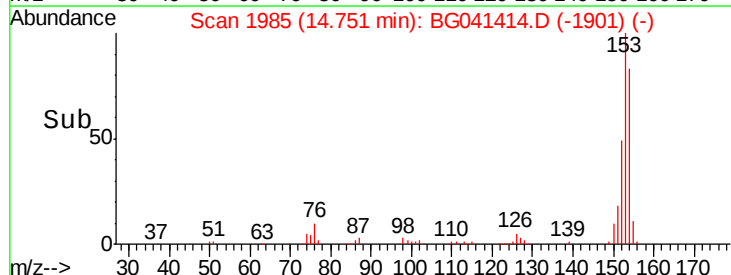
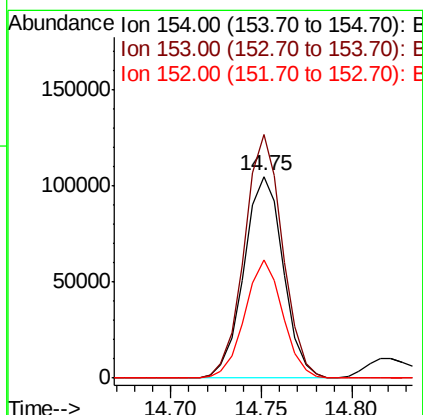
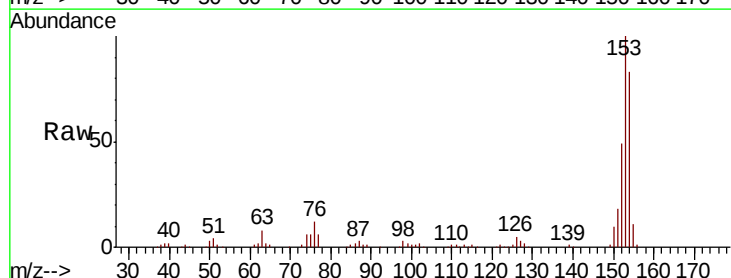
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

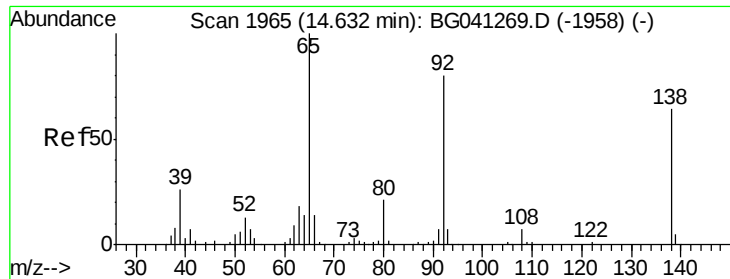
Tot Ion:165 Resp: 55384
Ion Ratio Lower Upper
165 100
63 63.3 55.4 83.0
89 62.6 56.5 84.7



#52
Acenaphthene
Concen: 40.546 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion:154 Resp: 159454
Ion Ratio Lower Upper
154 100
153 120.6 96.6 145.0
152 58.7 45.5 68.3





#53

3-Nitroaniline

Concen: 16.013 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.02 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MSD

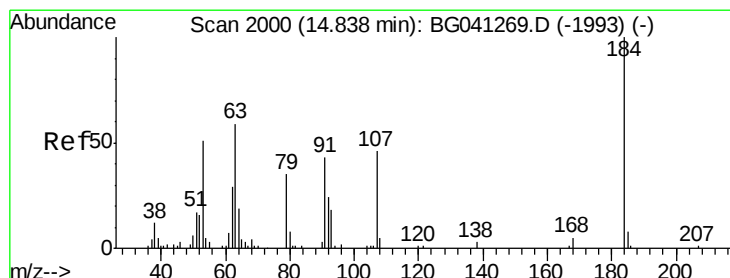
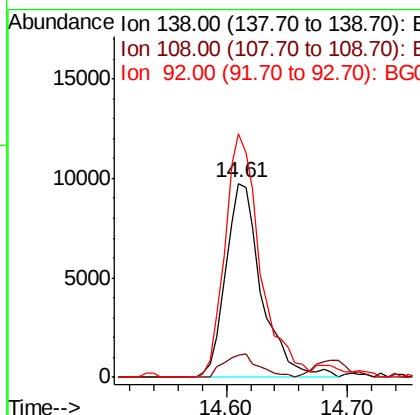
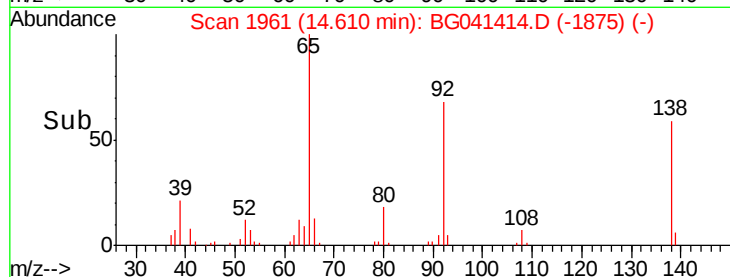
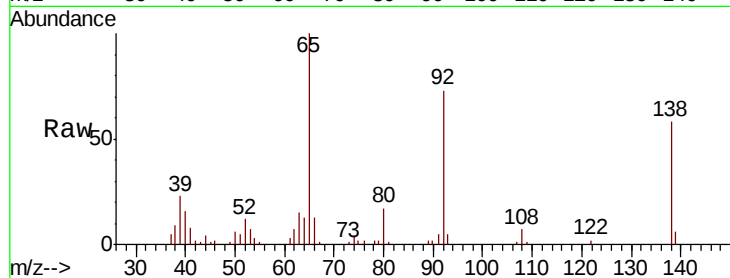
Tot Ion:138 Resp: 20070

Ion Ratio Lower Upper

138 100

108 11.7 8.3 12.5

92 125.7 100.2 150.4



#54

2,4-Dinitrophenol

Concen: 39.767 ng

RT: 14.82 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

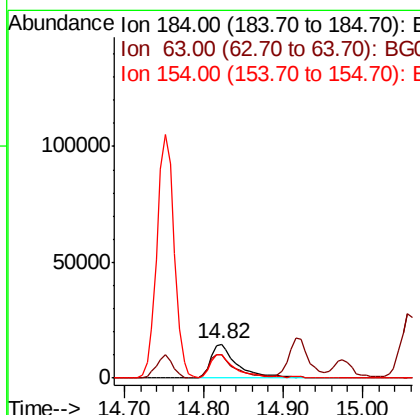
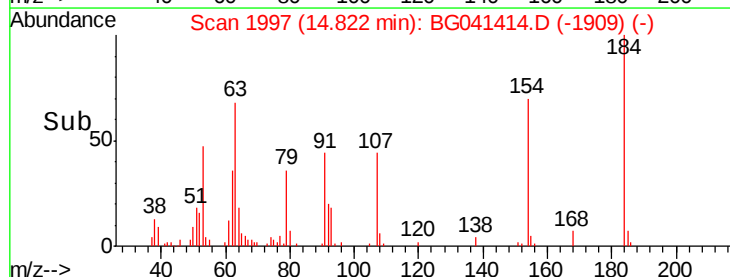
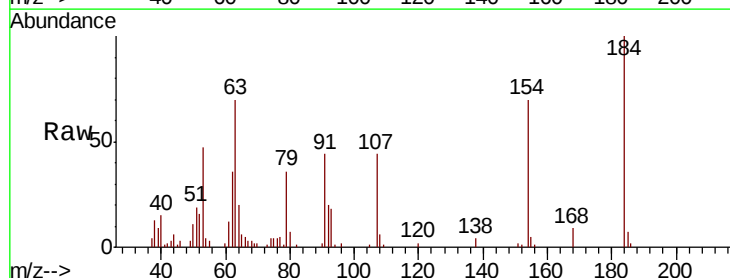
Tgt Ion:184 Resp: 34003

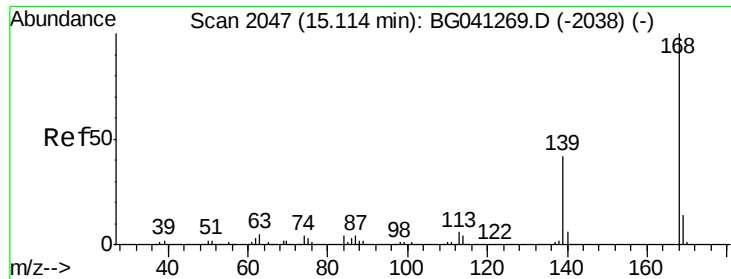
Ion Ratio Lower Upper

184 100

63 70.2 60.0 90.0

154 70.3 58.3 87.5

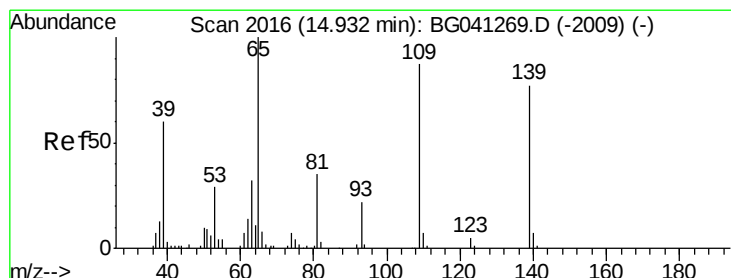
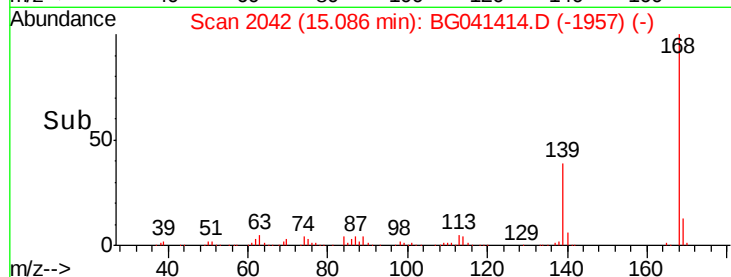
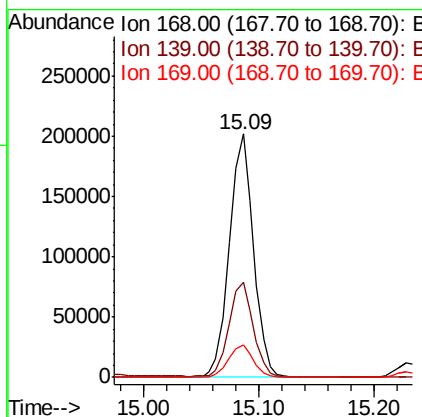
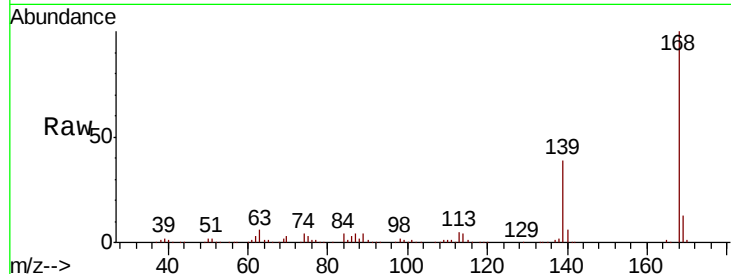




#55
Dibenzofuran
Concen: 42.563 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

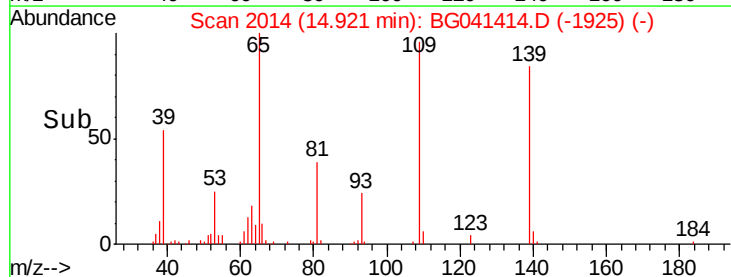
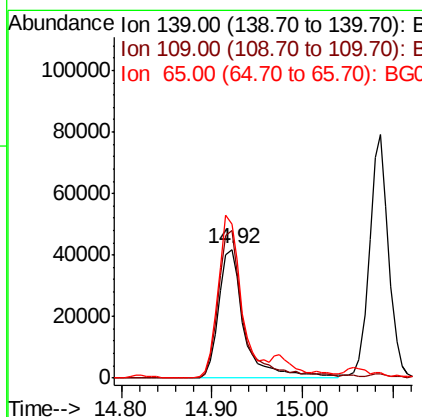
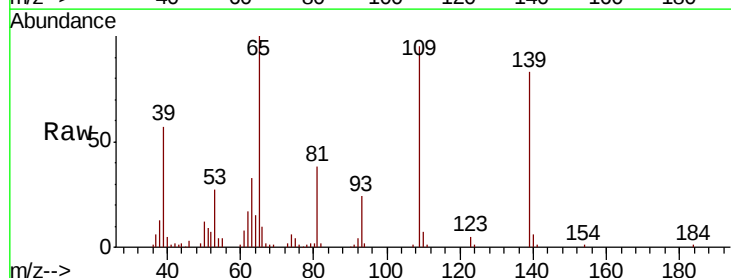
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

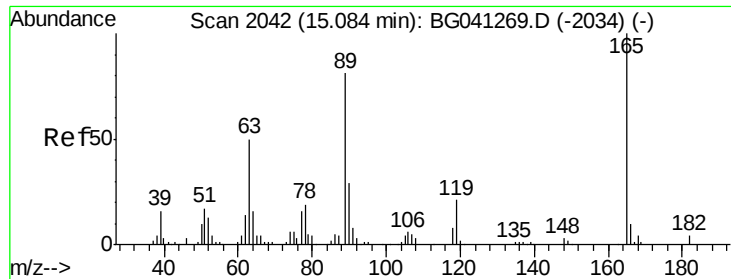
Tot Ion:168 Resp: 291027
Ion Ratio Lower Upper
168 100
139 39.2 33.6 50.4
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 86.009 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion:139 Resp: 82134
Ion Ratio Lower Upper
139 100
109 114.5 93.2 133.2
65 120.3 110.2 150.2

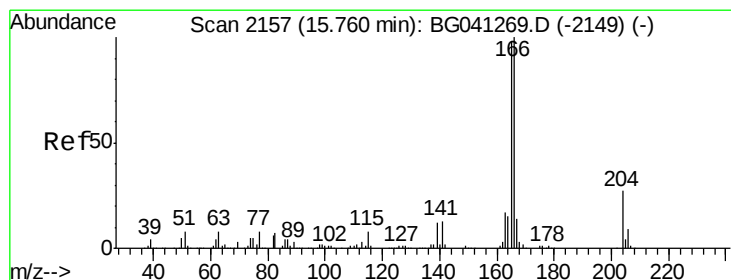
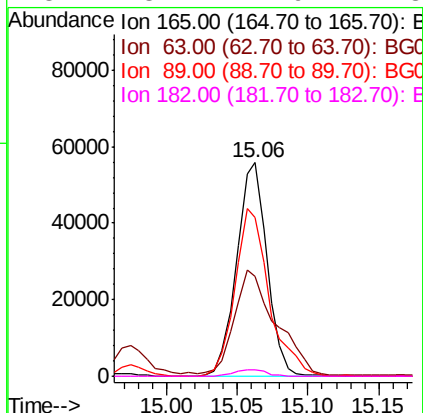
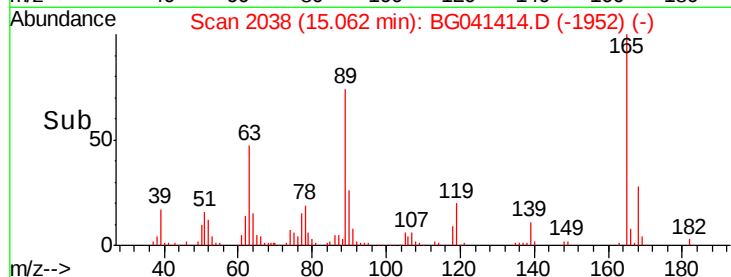
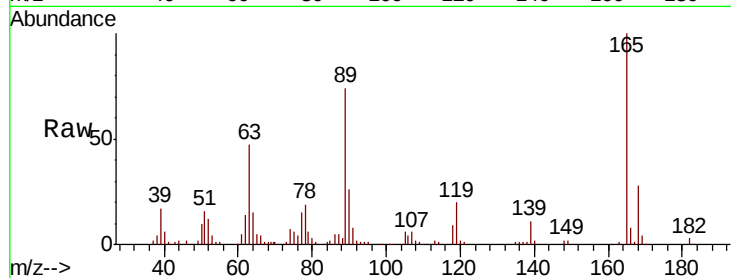




#57
2,4-Dinitrotoluene
Concen: 45.007 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

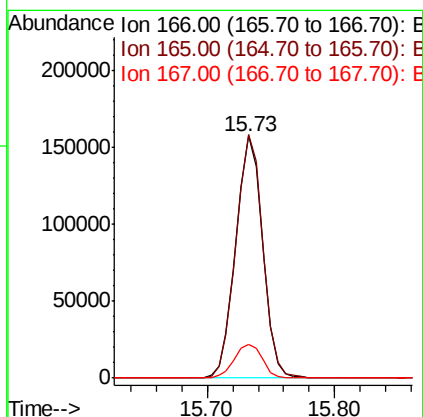
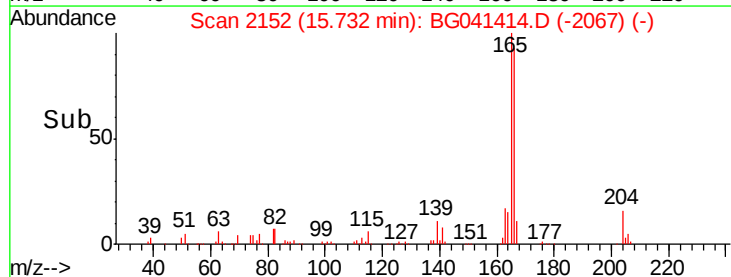
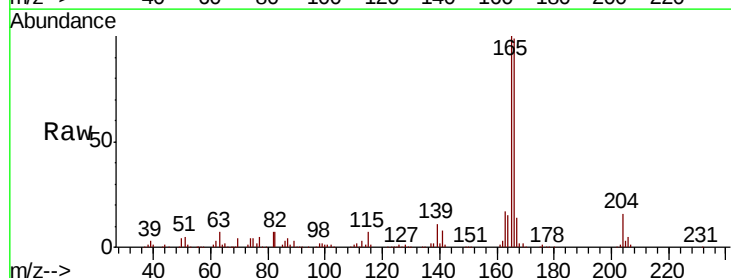
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

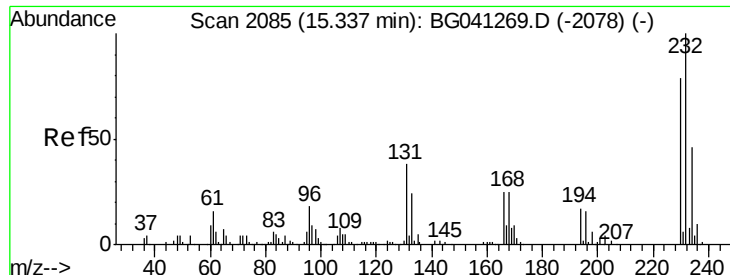
Tot Ion:165	Resp:	83695
Ion Ratio	Lower	Upper
165	100	
63	46.6	40.0 60.0
89	74.1	64.6 96.8
182	3.1	2.9 4.3



#58
Fluorene
Concen: 42.898 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion:166	Resp:	230739
Ion Ratio	Lower	Upper
166	100	
165	100.7	78.8 118.2
167	14.0	11.3 16.9

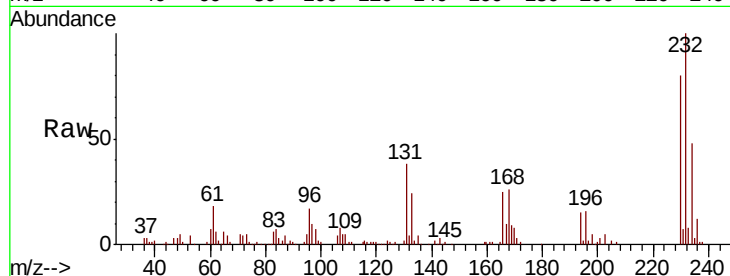




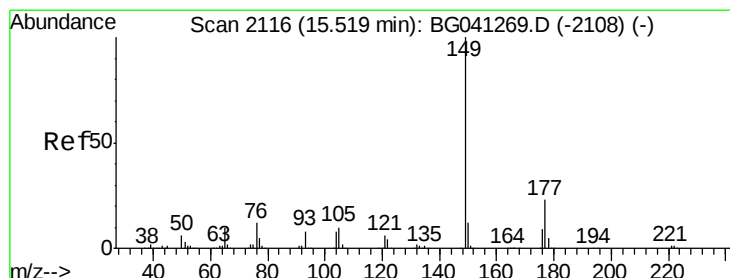
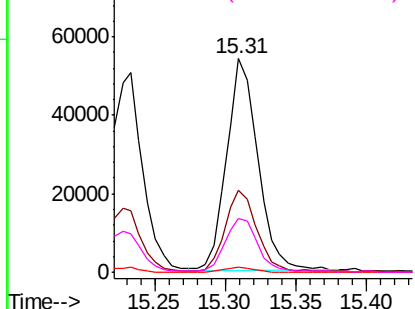
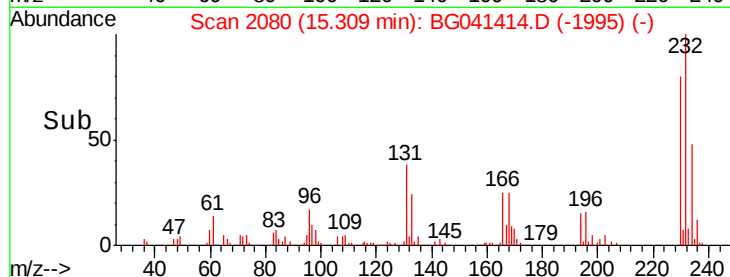
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.710 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.03 min
 Lab File: BG041414.D
 Acq: 22 Jun 2019 22:02

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-062019MSD

Tot Ion:	232	Resp:	84244
Ion	Ratio	Lower	Upper
232	100		
131	39.7	29.0	43.6
130	2.2	1.6	2.4
166	26.7	21.0	31.4

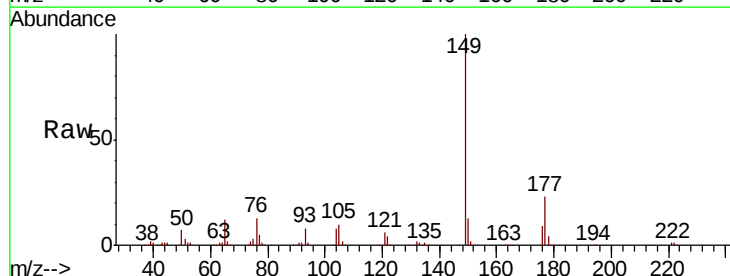


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

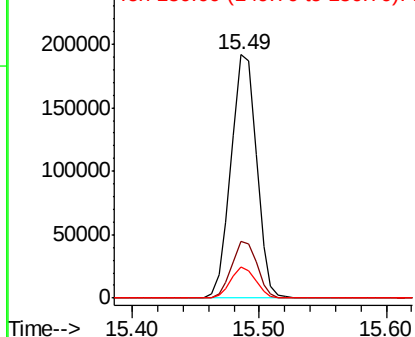
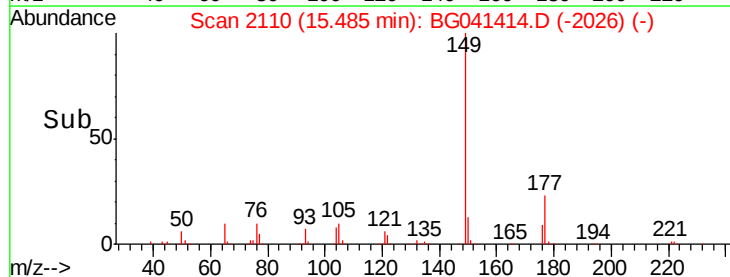


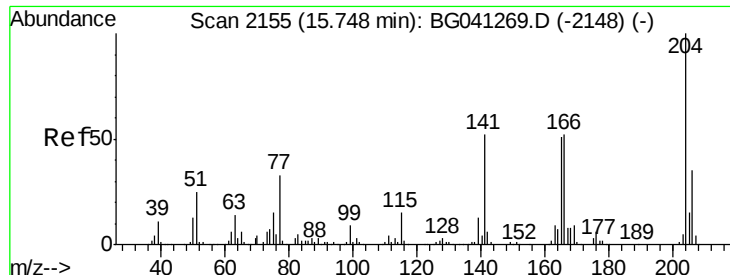
#60
 Diethylphthalate
 Concen: 43.601 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.03 min
 Lab File: BG041414.D
 Acq: 22 Jun 2019 22:02

Tgt Ion:	149	Resp:	267376
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.4	27.6
150	13.0	9.9	14.9



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

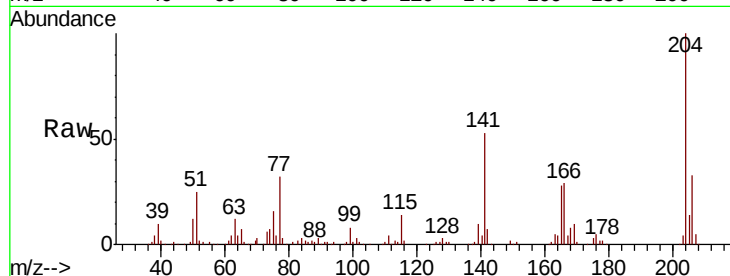




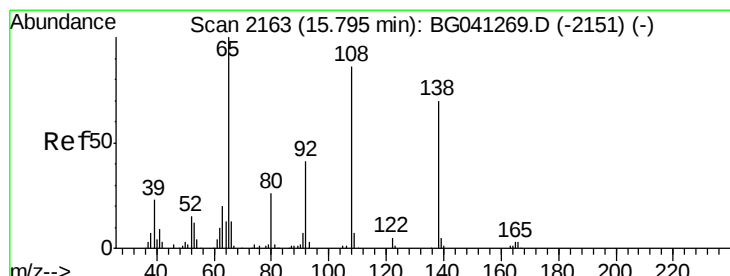
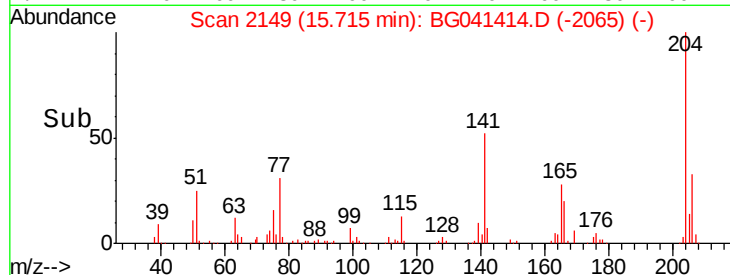
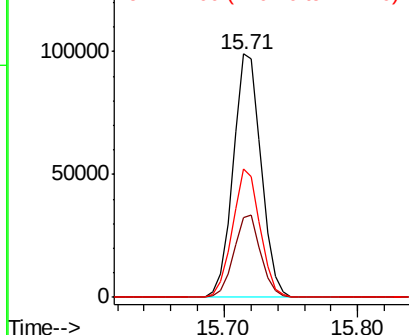
#61
4-Chlorophenyl-phenylether
Concen: 41.013 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

Tot Ion:204 Resp: 143530
Ion Ratio Lower Upper
204 100
206 32.6 27.9 41.9
141 52.5 41.4 62.0

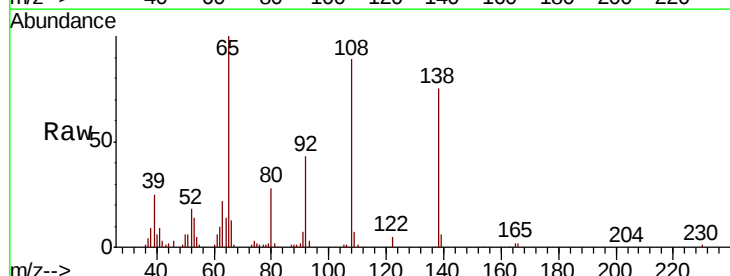


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

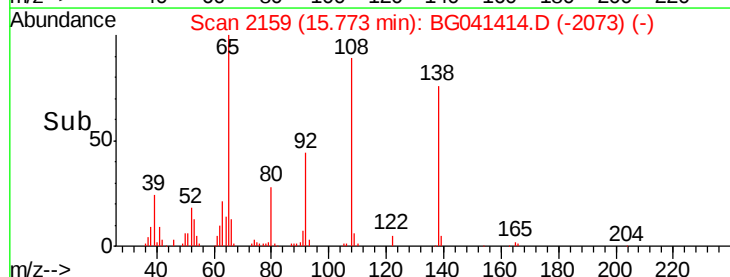
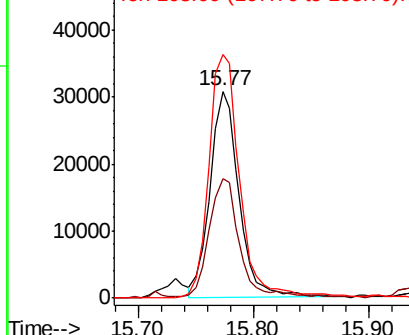


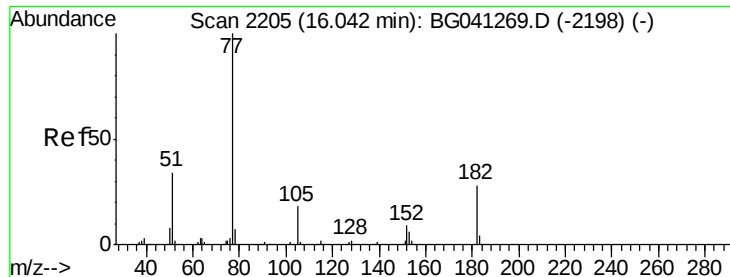
#62
4-Nitroaniline
Concen: 39.594 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion:138 Resp: 53077
Ion Ratio Lower Upper
138 100
92 57.6 38.8 78.8
108 117.9 103.4 143.4



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

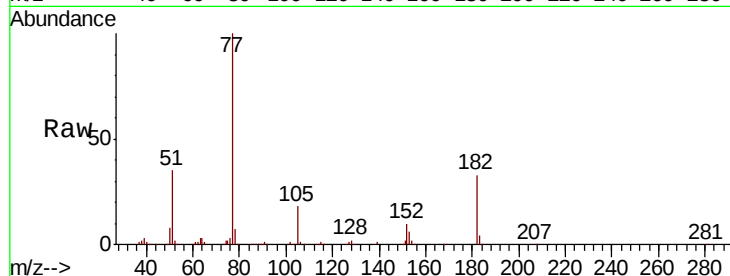




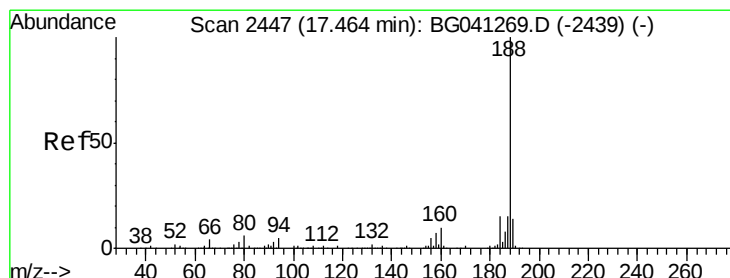
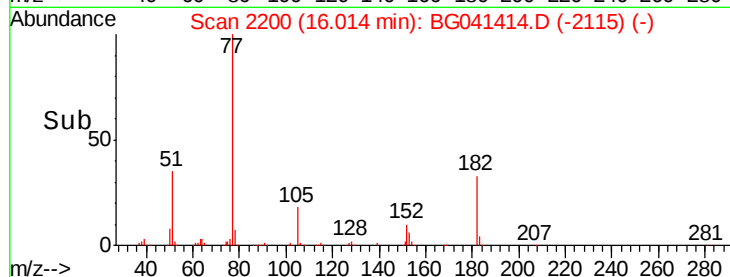
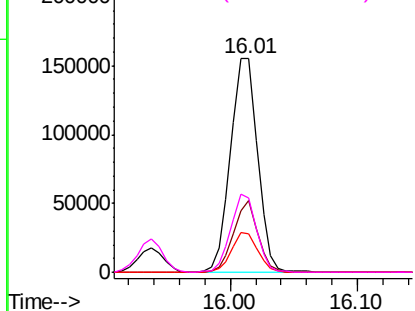
#63
Azobenzene
Concen: 41.810 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

Tot Ion:	77	Resp:	228737
Ion	Ratio	Lower	Upper
77	100		
182	33.3	7.5	47.5
105	17.7	0.0	37.7
51	34.7	14.6	54.6

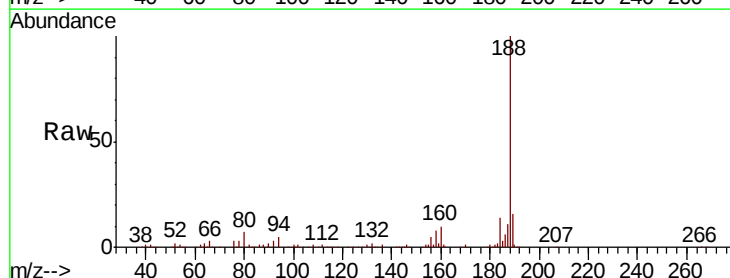


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

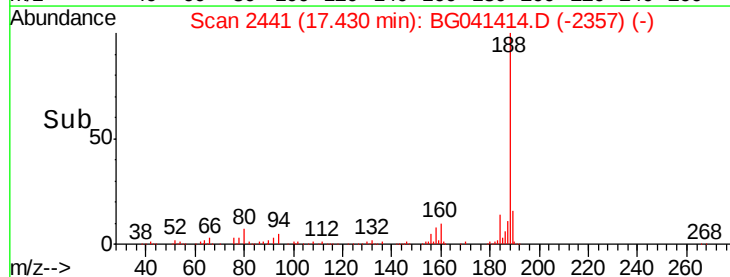
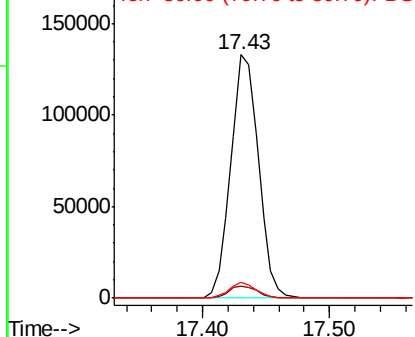


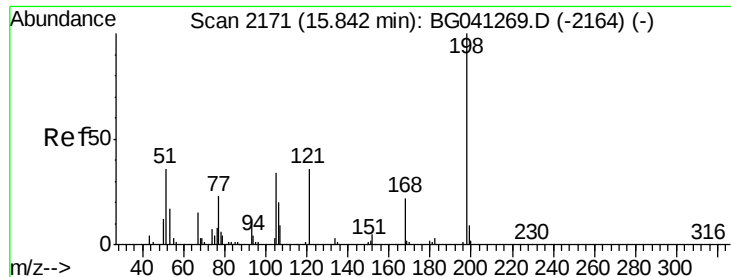
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion:	188	Resp:	200532
Ion	Ratio	Lower	Upper
188	100		
94	4.7	3.6	5.4
80	6.5	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: 29.265 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MSD

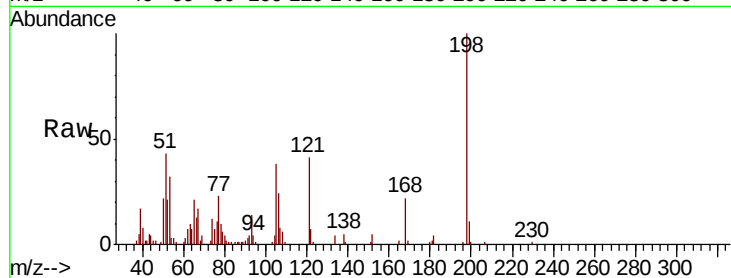
Tot Ion:198 Resp: 38091

Ion Ratio Lower Upper

198 100

51 43.5 23.4 63.4

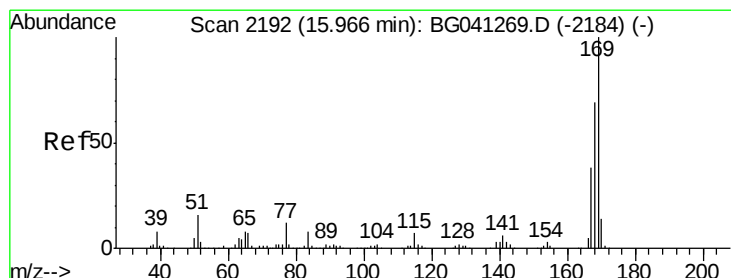
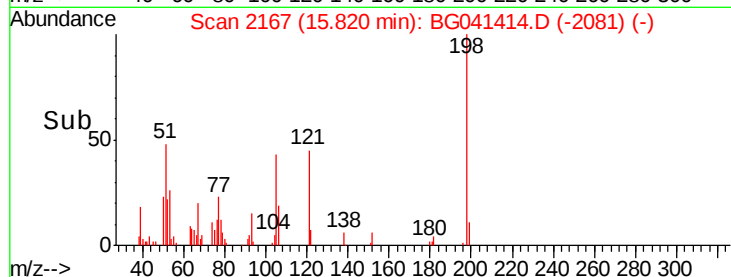
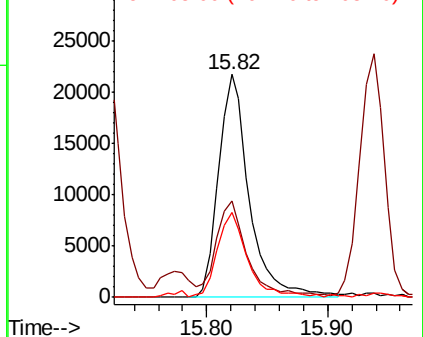
105 38.1 15.8 55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.597 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

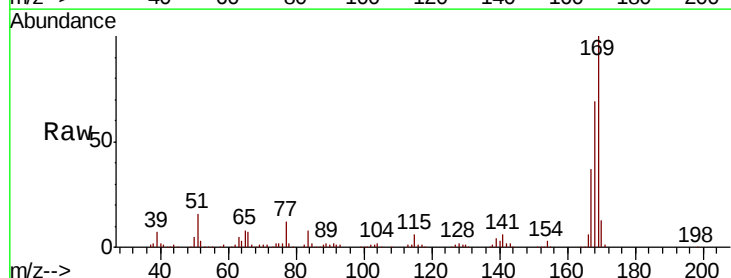
Tgt Ion:169 Resp: 216161

Ion Ratio Lower Upper

169 100

168 69.3 55.2 82.8

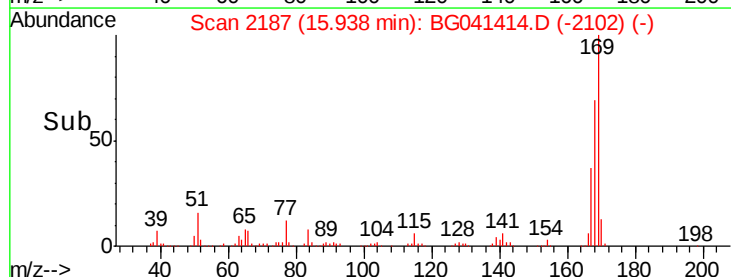
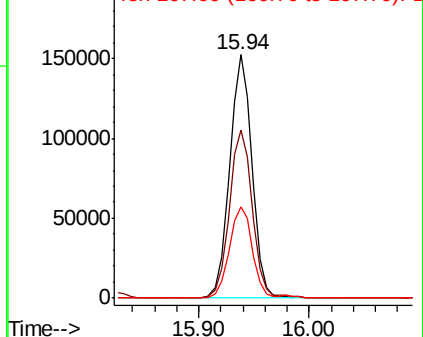
167 37.4 30.4 45.6

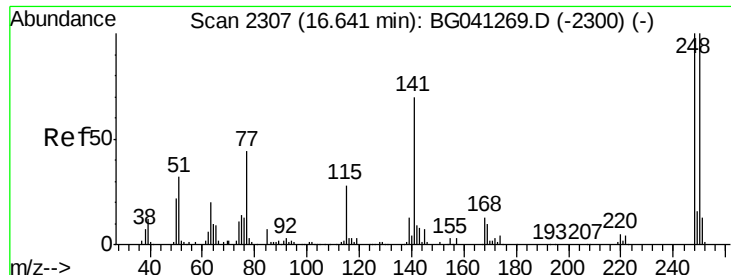


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 38.786 ng

RT: 16.61 min Scan# 2302

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MSD

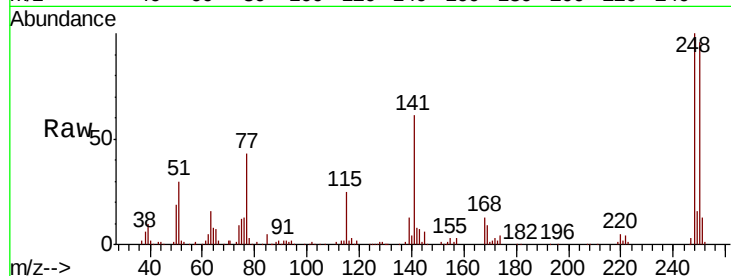
Tot Ion:248 Resp: 100571

Ion Ratio Lower Upper

248 100

250 96.4 79.8 119.8

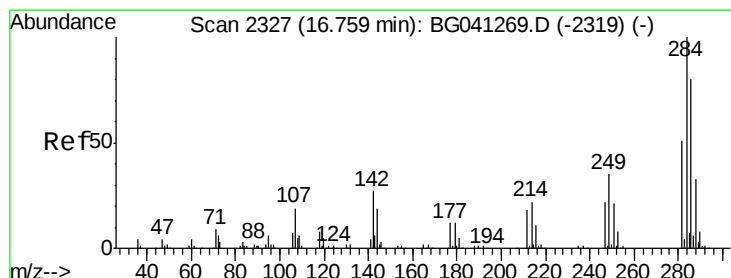
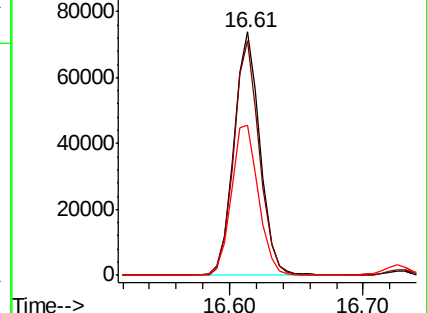
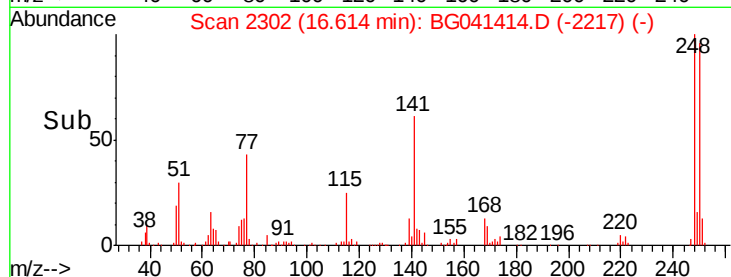
141 61.5 55.8 83.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 37.857 ng

RT: 16.73 min Scan# 2321

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

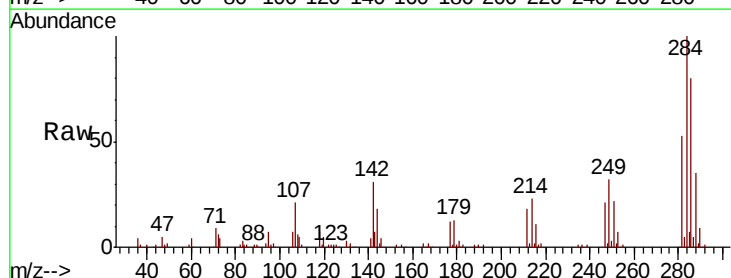
Tgt Ion:284 Resp: 105113

Ion Ratio Lower Upper

284 100

142 31.2 21.8 32.8

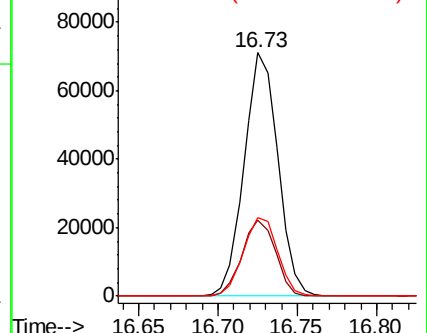
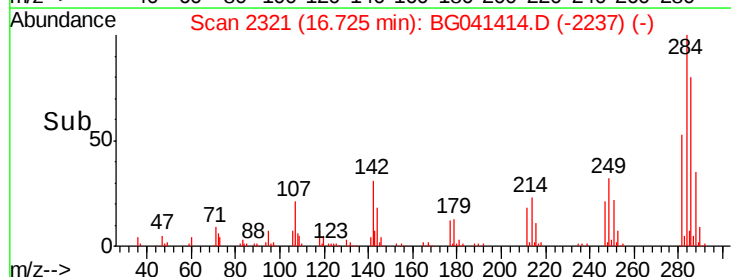
249 32.1 27.8 41.6

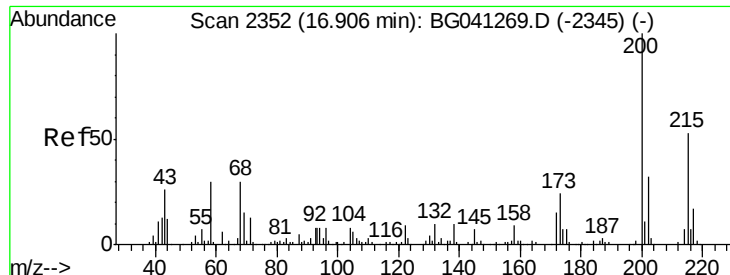


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: Below Cal

RT: 16.88 min Scan# 2347

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MSD

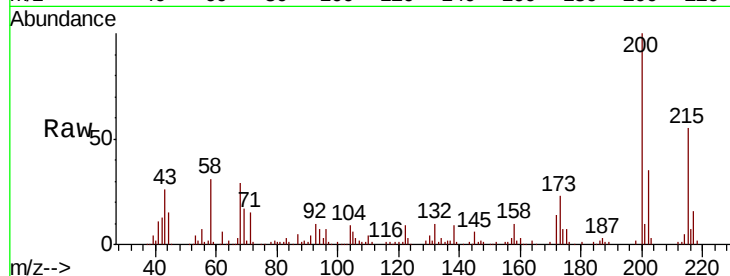
Tot Ion:200 Resp: 104387

Ion Ratio Lower Upper

200 100

173 23.2 4.0 44.0

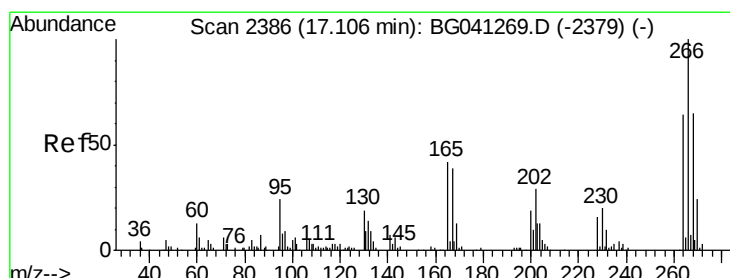
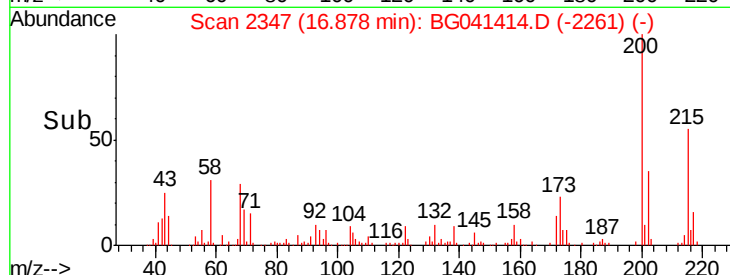
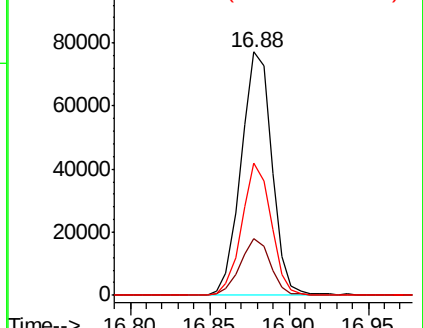
215 54.5 33.4 73.4



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: 80.692 ng

RT: 17.08 min Scan# 2382

Delta R.T. -0.02 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

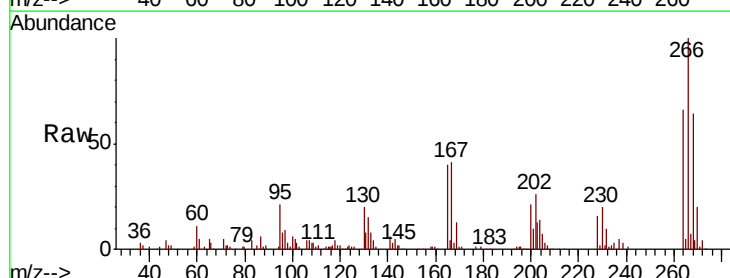
Tgt Ion:266 Resp: 114726

Ion Ratio Lower Upper

266 100

268 63.7 52.0 78.0

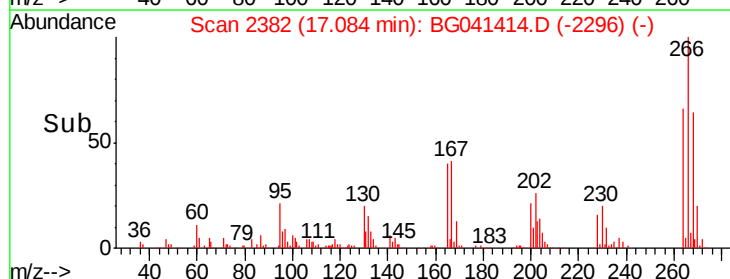
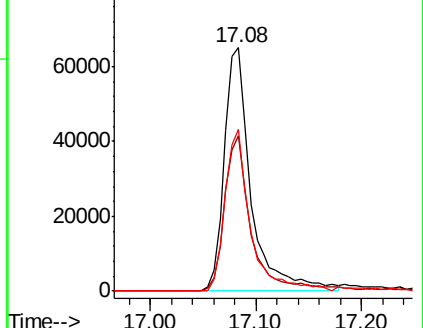
264 66.2 51.2 76.8

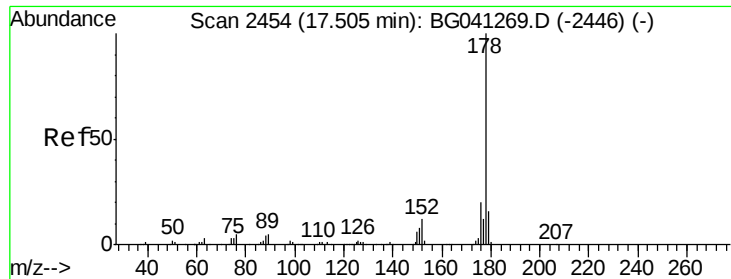


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

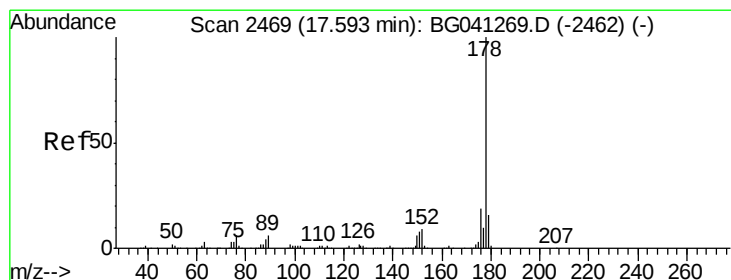
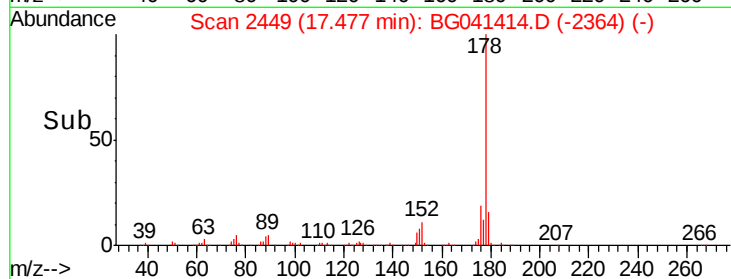
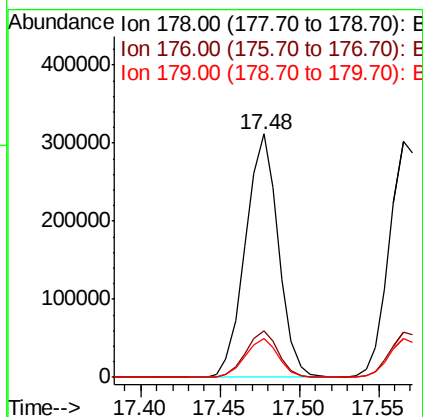
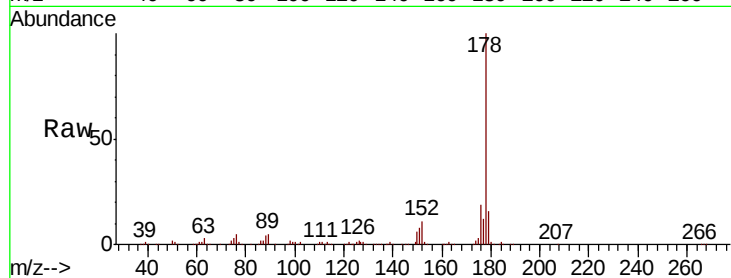




#71
Phenanthrene
Concen: 42.027 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

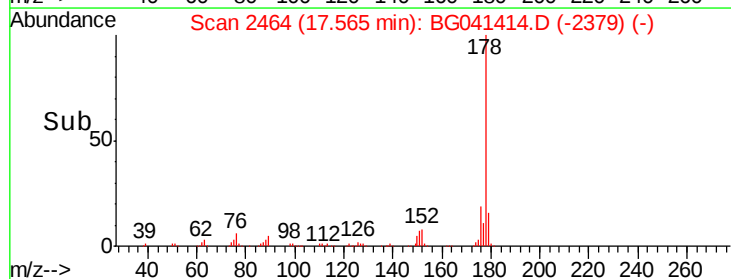
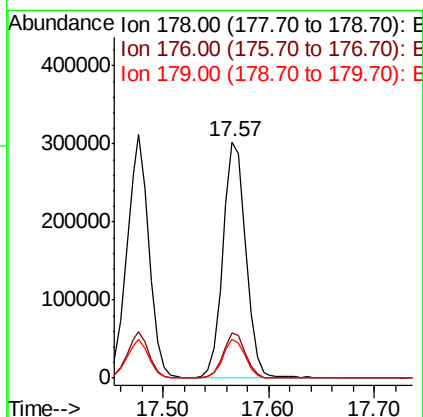
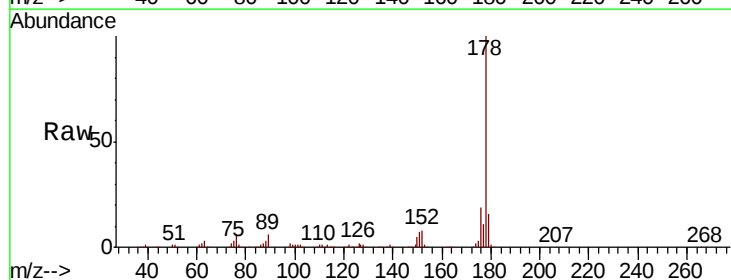
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

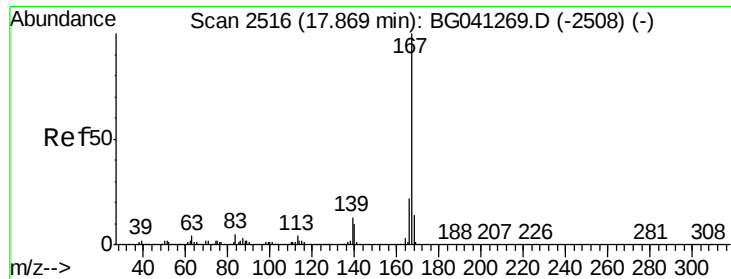
Tot Ion:178 Resp: 449489
Ion Ratio Lower Upper
178 100
176 19.1 16.1 24.1
179 15.8 12.9 19.3



#72
Anthracene
Concen: 43.178 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion:178 Resp: 455263
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 16.4 13.0 19.4

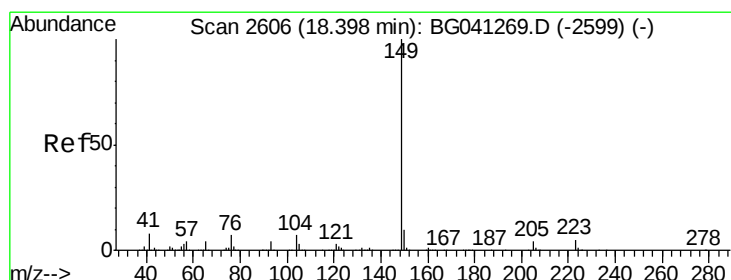
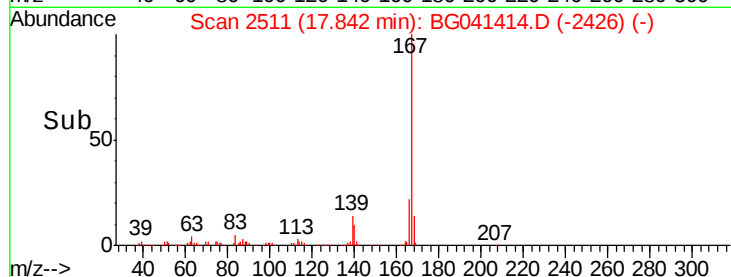
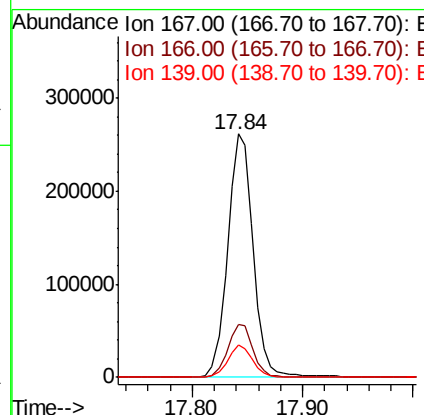
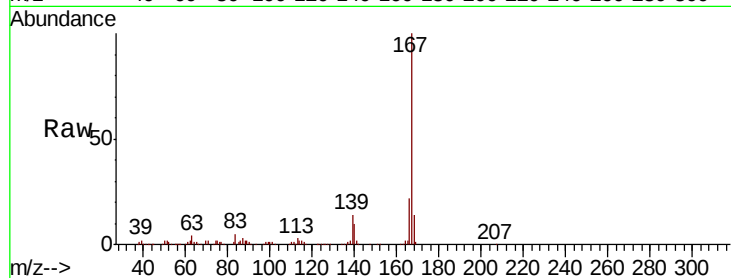




#73
 Carbazole
 Concen: 45.632 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.03 min
 Lab File: BG041414.D
 Acq: 22 Jun 2019 22:02

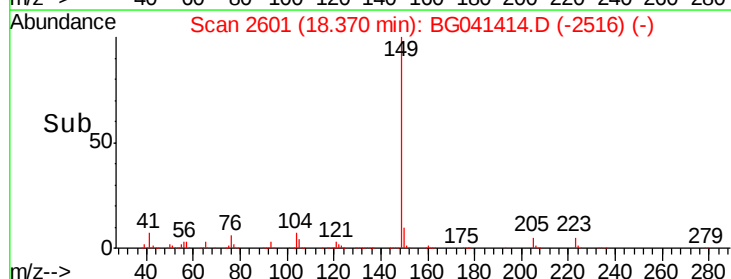
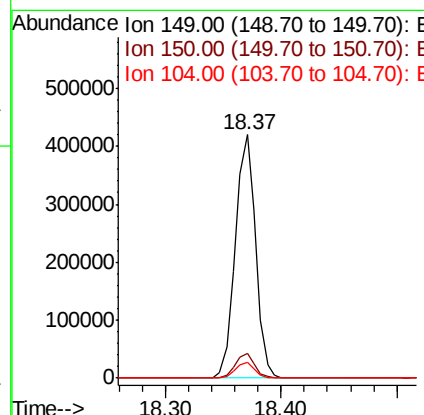
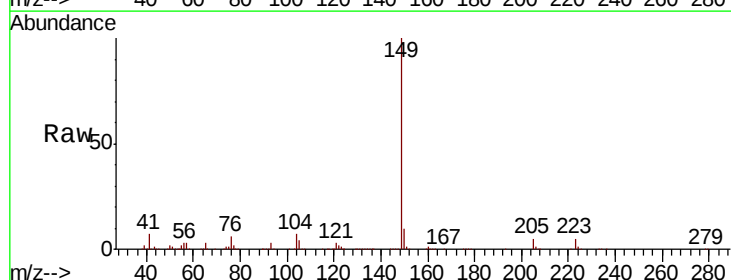
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-062019MSD

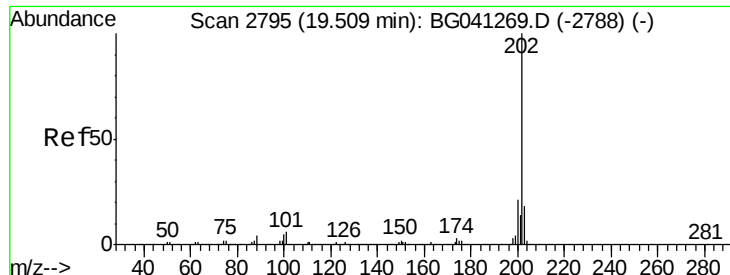
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.9	26.9
139	13.5	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 44.267 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.03 min
 Lab File: BG041414.D
 Acq: 22 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	6.7	5.4	8.0





#75

Fluoranthene

Concen: 45.930 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MSD

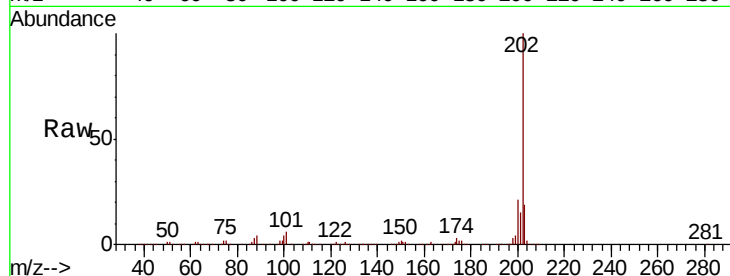
Tot Ion:202 Resp: 652601

Ion Ratio Lower Upper

202 100

101 5.7 0.0 26.0

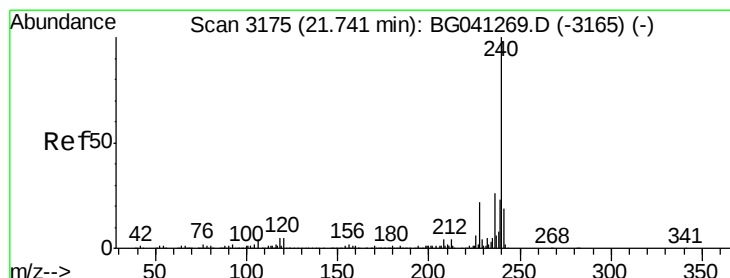
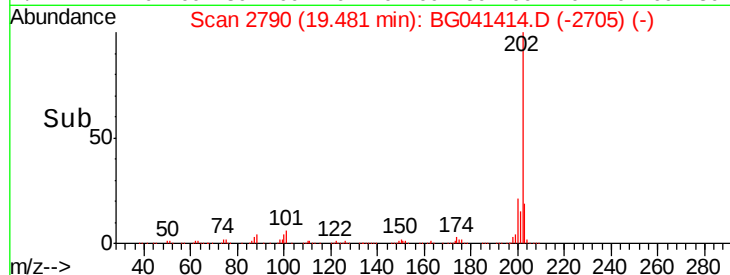
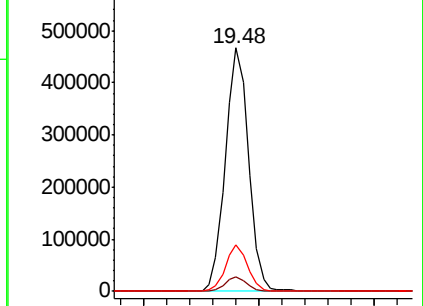
203 19.0 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

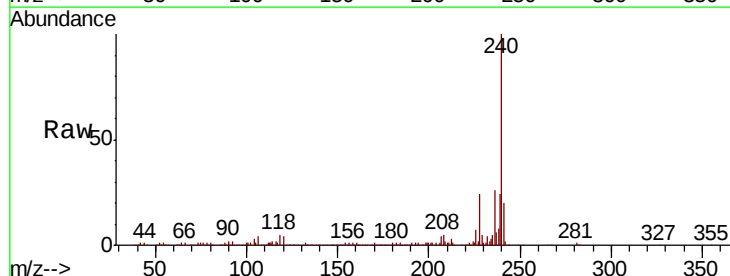
Tgt Ion:240 Resp: 236747

Ion Ratio Lower Upper

240 100

120 4.0 3.7 5.5

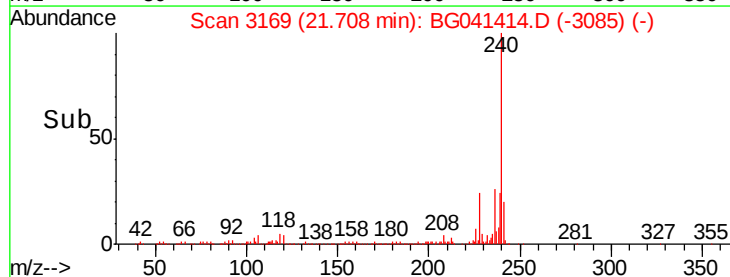
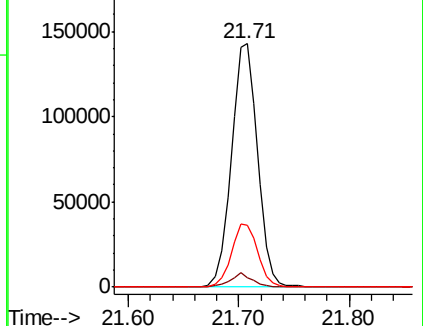
236 25.6 21.1 31.7

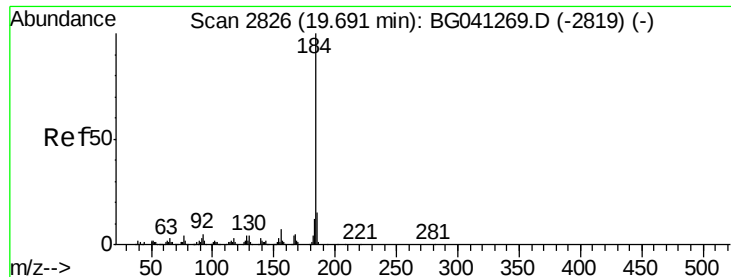


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.282 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.02 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MSD

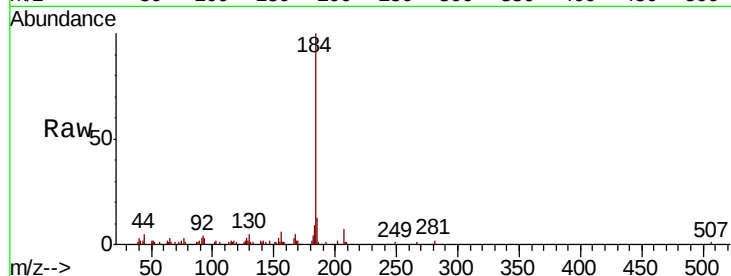
Tot Ion:184 Resp: 41697

Ion Ratio Lower Upper

184 100

185 13.1 12.2 18.2

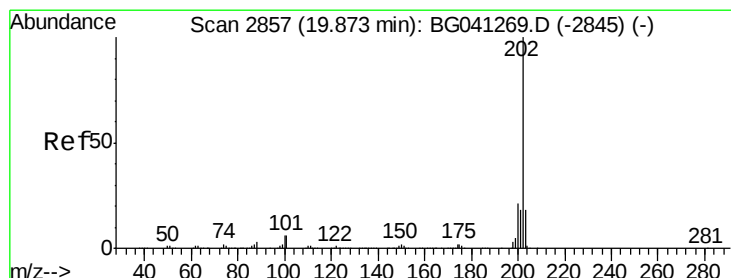
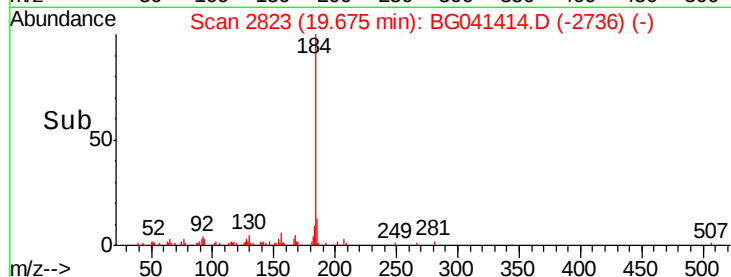
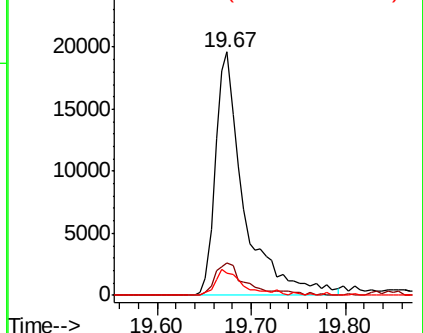
183 9.2 9.6 14.4#



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: 41.639 ng

RT: 19.85 min Scan# 2852

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

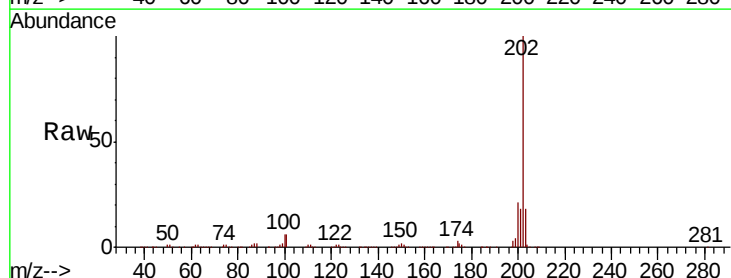
Tgt Ion:202 Resp: 664824

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

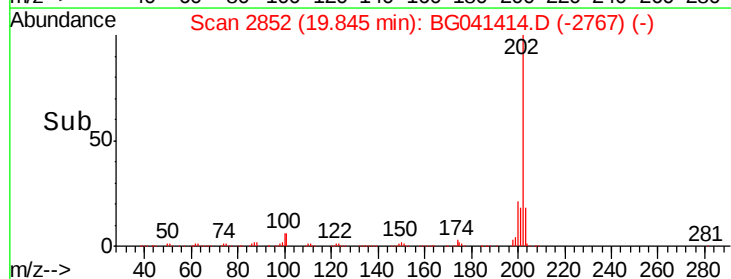
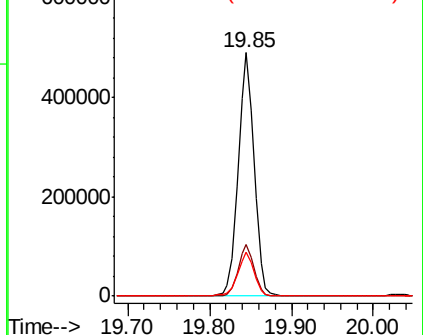
203 17.8 14.6 21.8

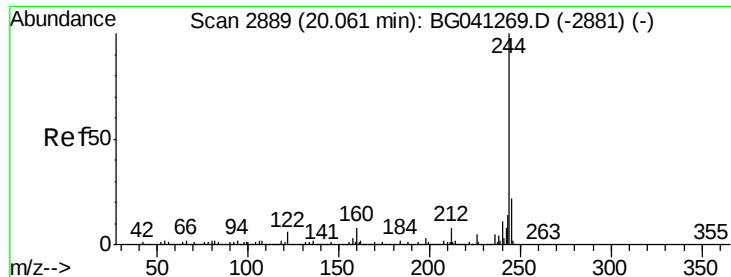


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.430 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

Instrument :

BNA_G

ClientSampleId :

OK-03-062019MSD

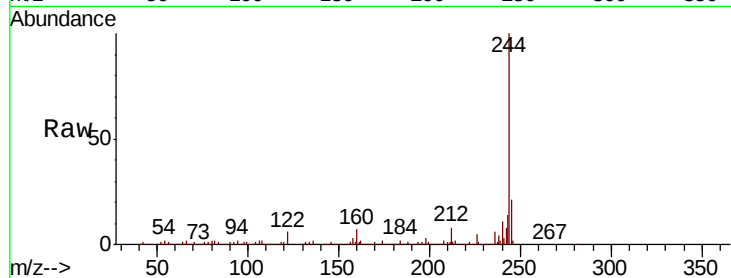
Tot Ion:244 Resp: 1056388

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	10.0
122	6.5	5.0	7.4

244 100

212 8.3 6.6 10.0

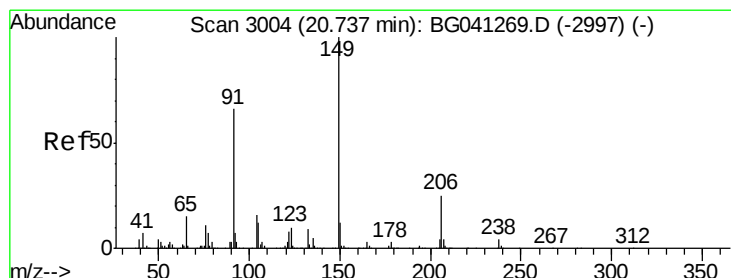
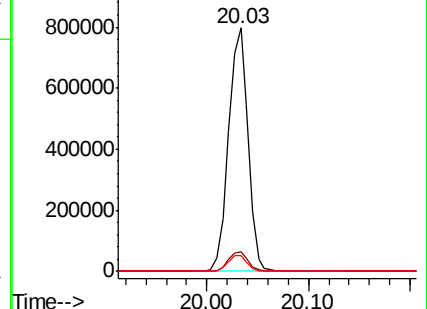
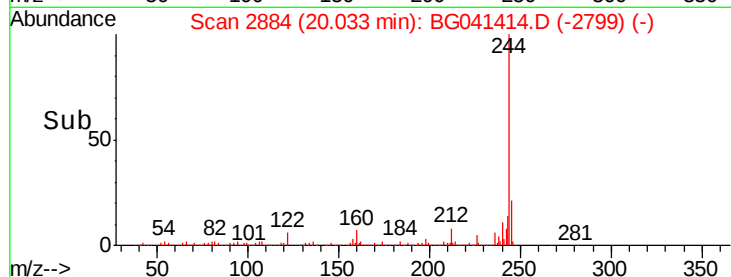
122 6.5 5.0 7.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.661 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

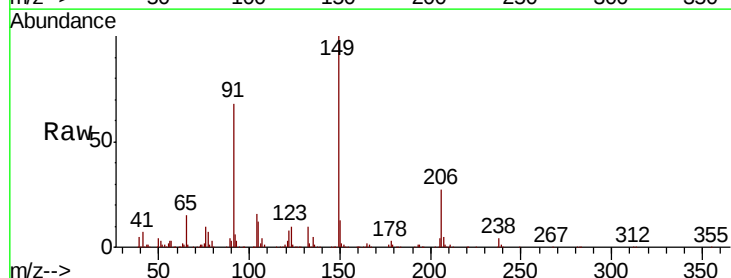
Tgt Ion:149 Resp: 251602

Ion	Ratio	Lower	Upper
149	100		
91	67.8	53.2	79.8
206	26.6	20.3	30.5

149 100

91 67.8 53.2 79.8

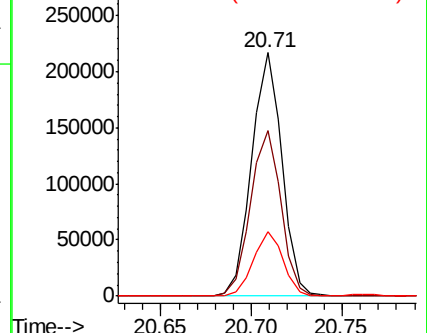
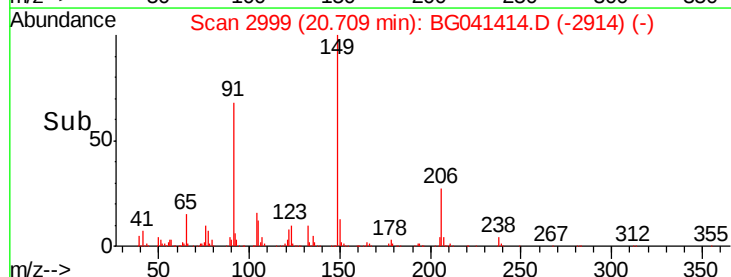
206 26.6 20.3 30.5

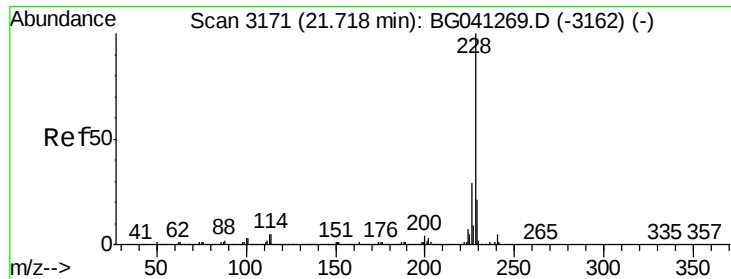


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

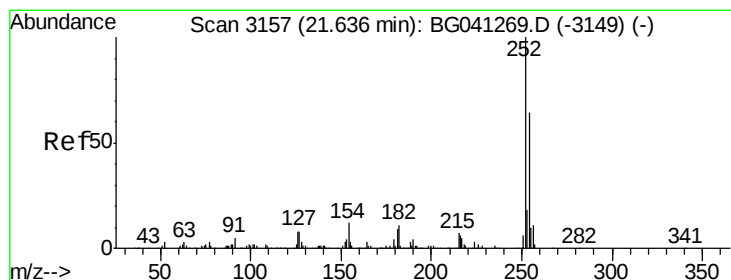
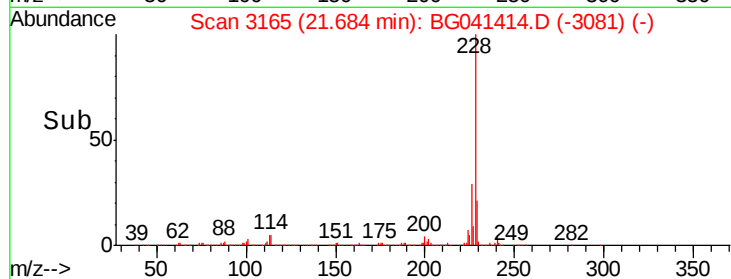
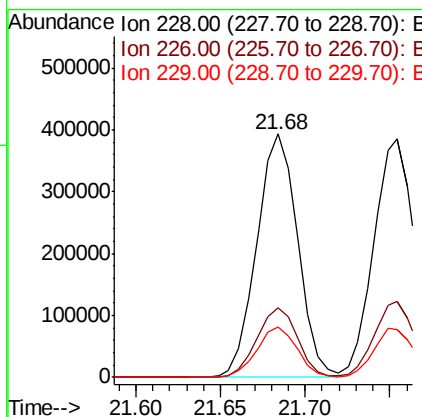
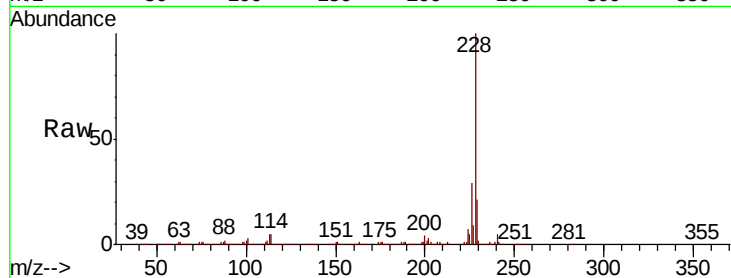




#81
Benzo(a)anthracene
Concen: 41.295 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

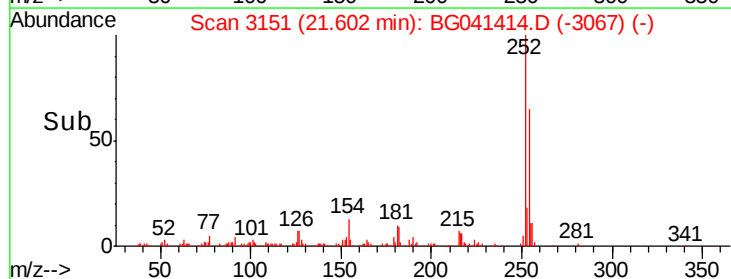
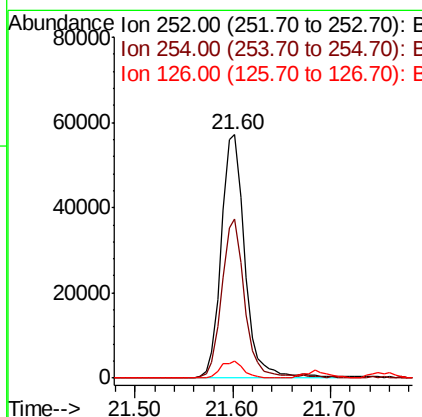
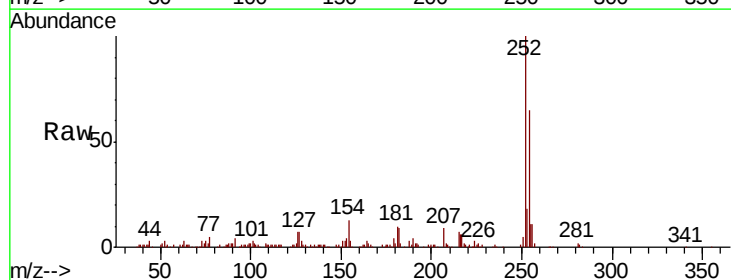
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

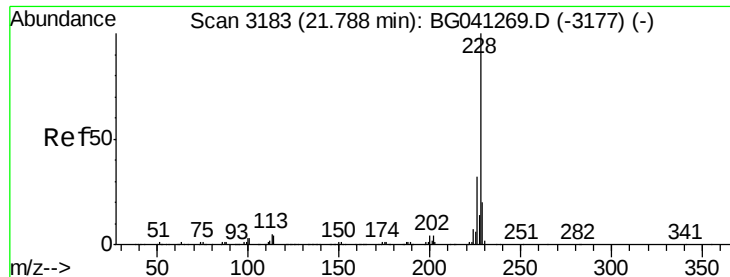
Tot Ion:228 Resp: 661949
Ion Ratio Lower Upper
228 100
226 28.8 23.2 34.8
229 20.7 16.8 25.2



#82
3,3'-Dichlorobenzidine
Concen: 17.128 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.03 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion:252 Resp: 96380
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.0
126 6.8 6.0 9.0





#83

Chrysene

Concen: 42.144 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

Instrument :

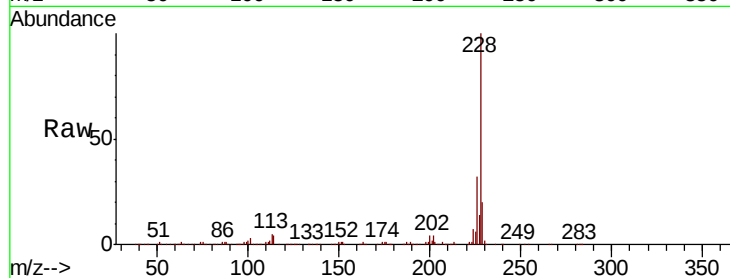
BNA_G

ClientSampleId :

OK-03-062019MSD

Tot Ion:228 Resp: 649680

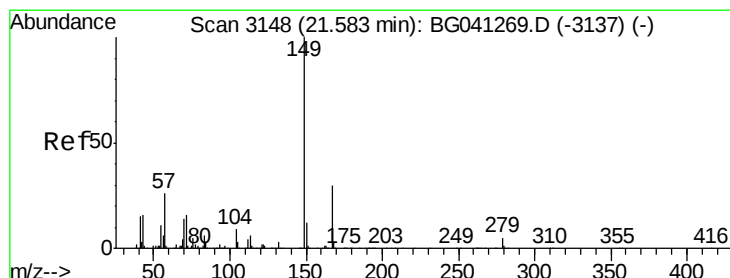
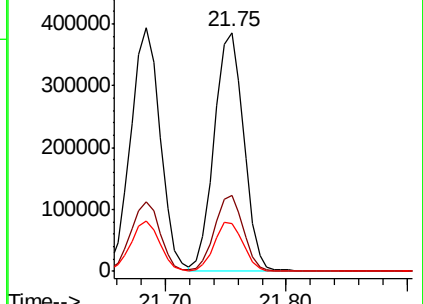
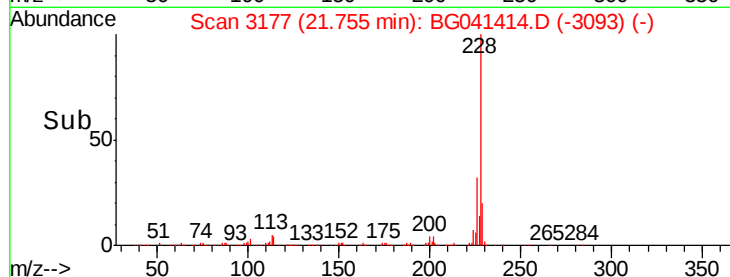
Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.4	38.0
229	20.2	16.2	24.2



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: 43.060 ng

RT: 21.55 min Scan# 3142

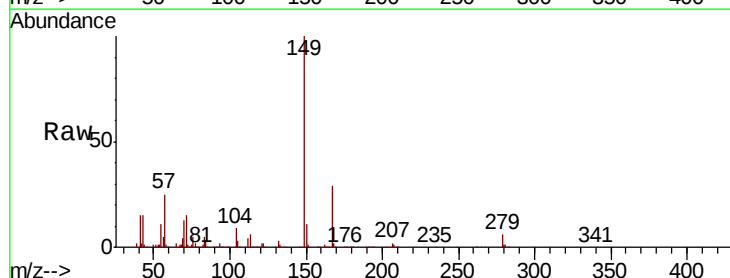
Delta R.T. -0.03 min

Lab File: BG041414.D

Acq: 22 Jun 2019 22:02

Tgt Ion:149 Resp: 354397

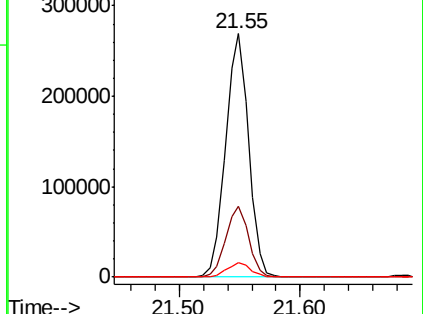
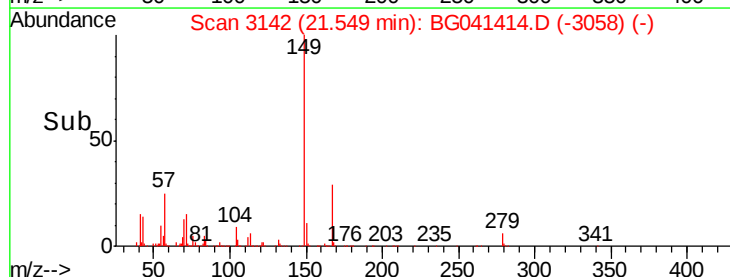
Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.8	35.8
279	5.9	4.4	6.6

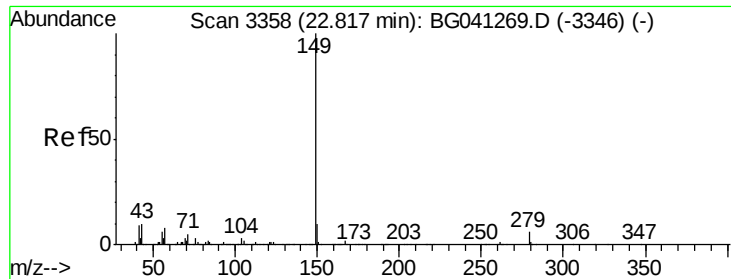


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

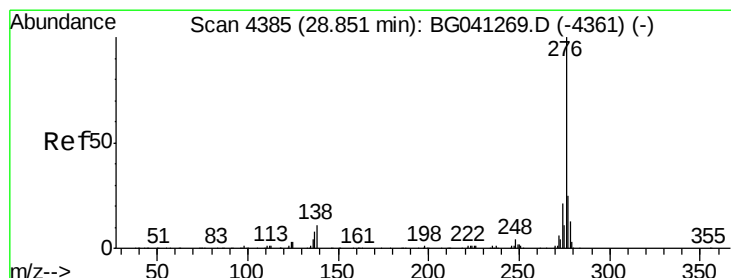
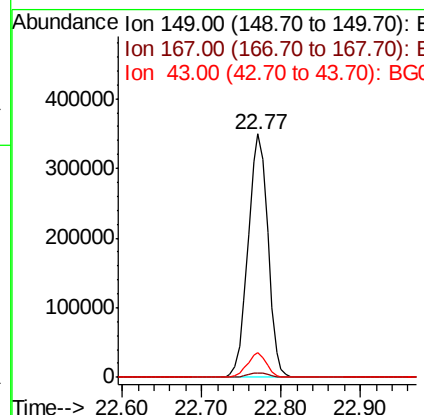
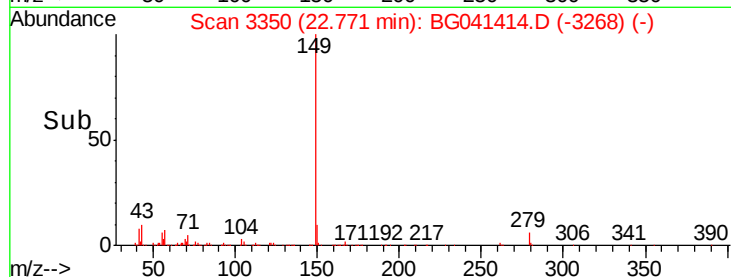
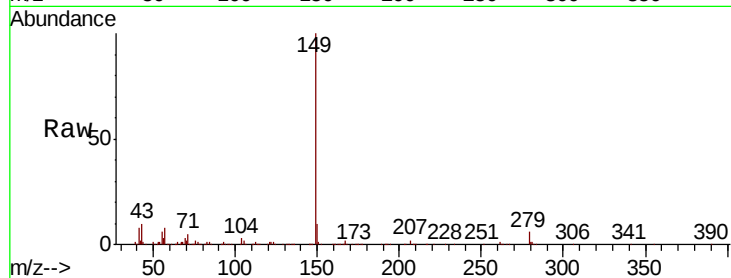




#85
Di-n-octyl phthalate
Concen: 43.439 ng
RT: 22.77 min Scan# 3350
Delta R.T. -0.05 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

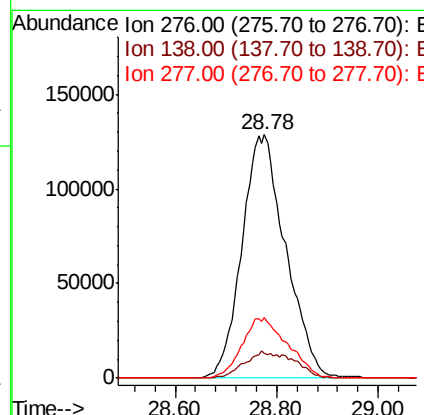
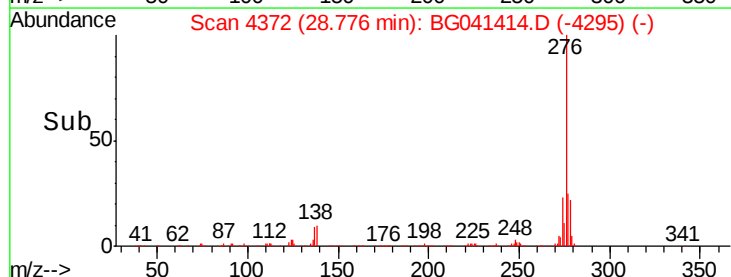
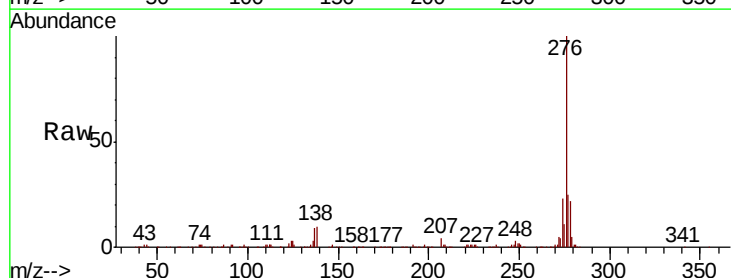
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

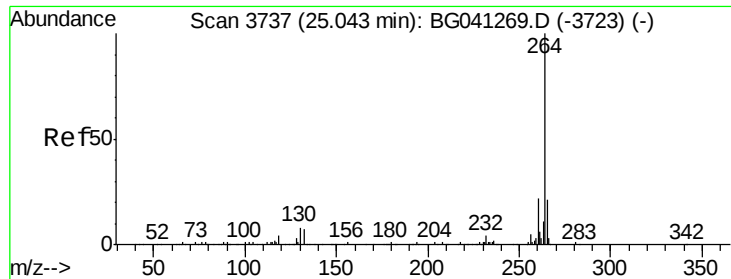
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.3	8.2	12.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.018 ng
RT: 28.78 min Scan# 4372
Delta R.T. -0.07 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.4	7.7	11.5#
277	25.9	20.6	31.0

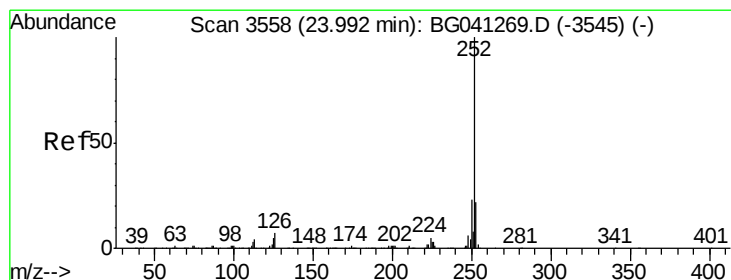
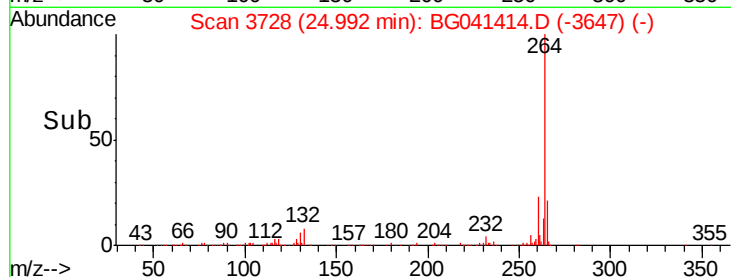
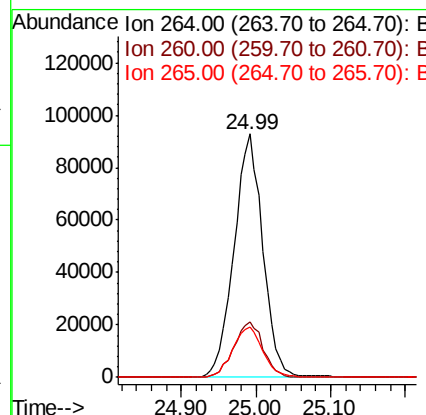
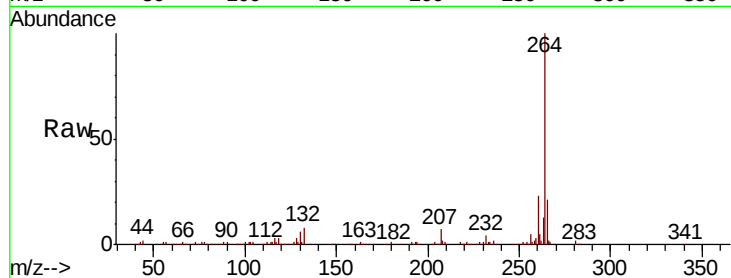




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3728
Delta R.T. -0.05 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

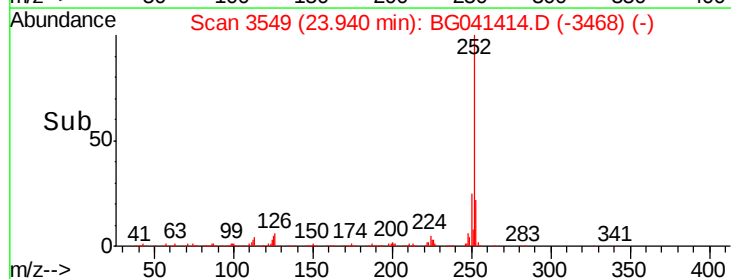
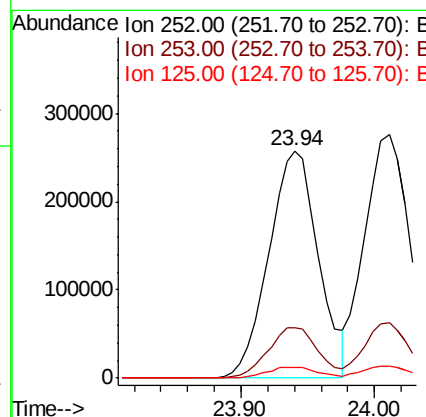
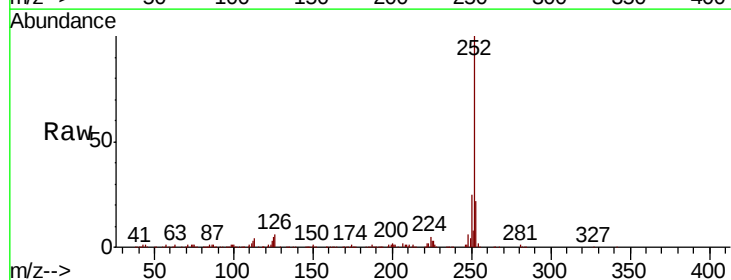
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

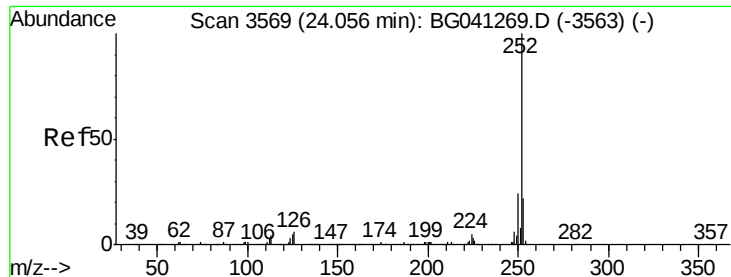
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.2
265	20.5	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 43.149 ng
RT: 23.94 min Scan# 3549
Delta R.T. -0.05 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	4.9	3.9	5.9

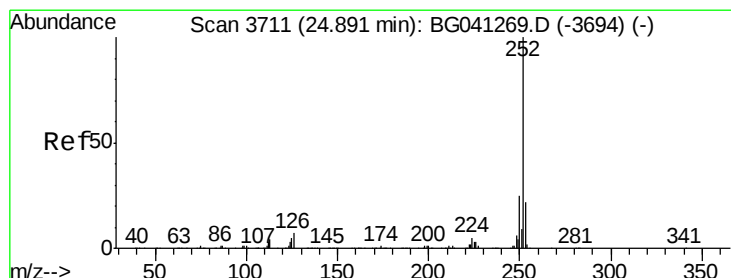
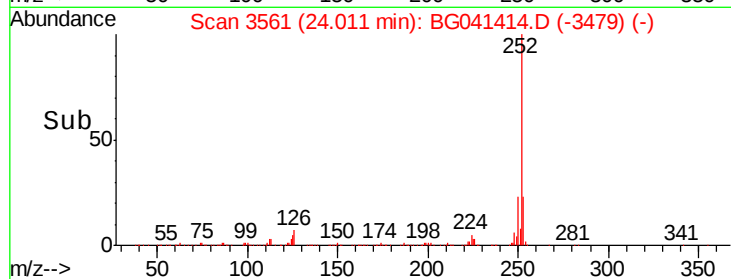
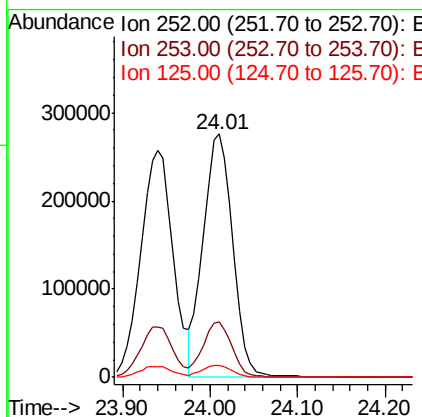
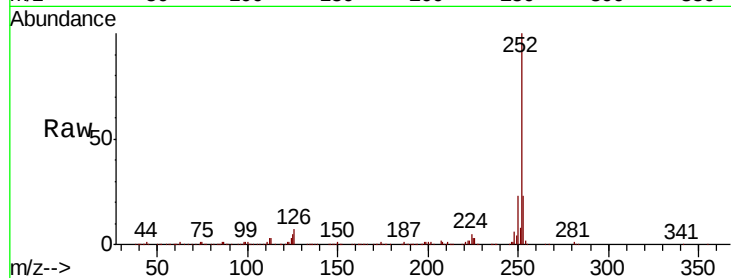




#89
Benzo(k)fluoranthene
Concen: 42.464 ng
RT: 24.01 min Scan# 3561
Delta R.T. -0.05 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

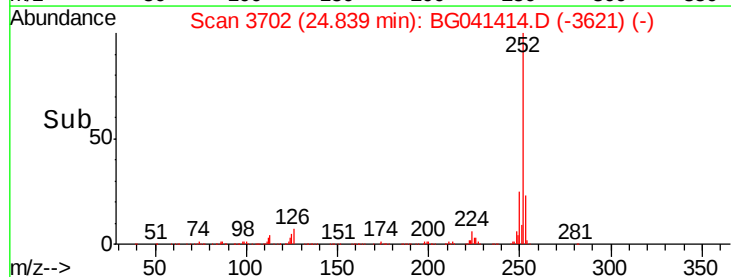
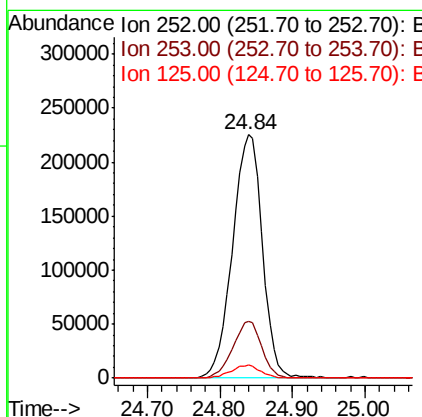
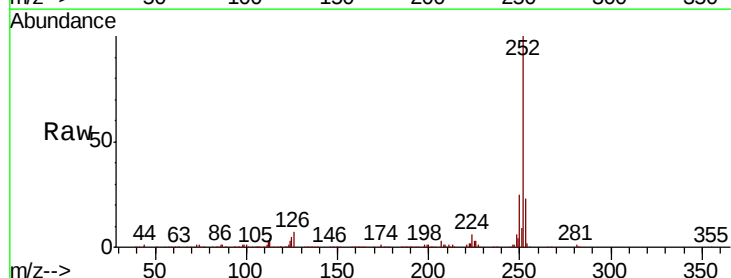
Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

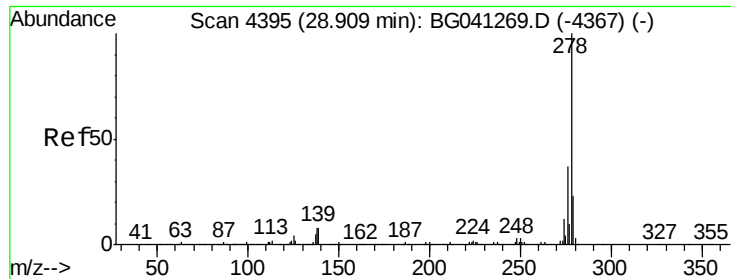
Tot Ion:252 Resp: 647551
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 5.1 4.3 6.5



#90
Benzo(a)pyrene
Concen: 44.234 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.05 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion:252 Resp: 643062
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 5.2 4.2 6.4

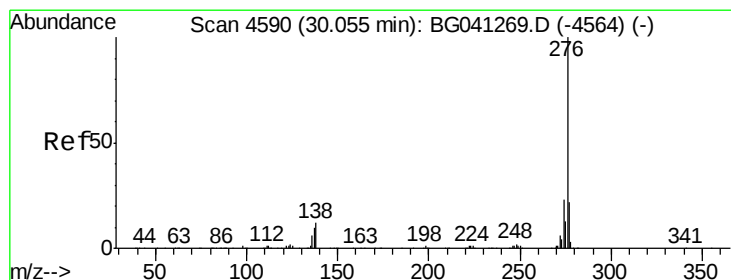
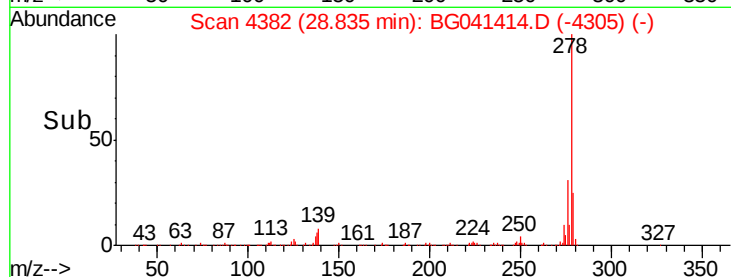
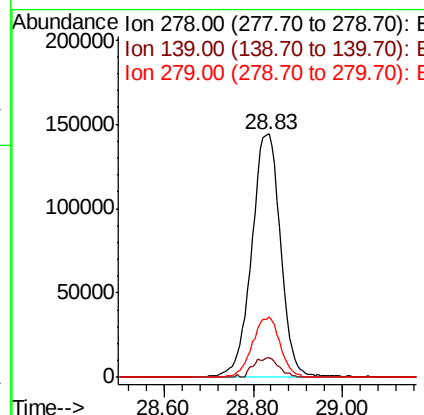
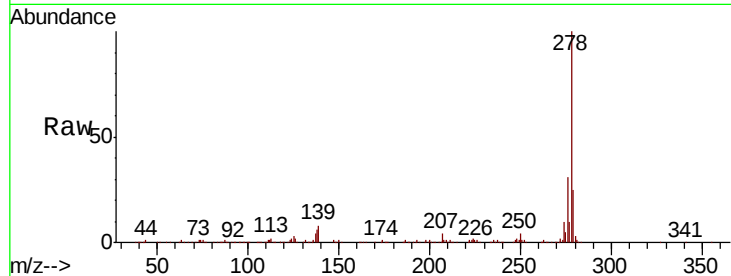




#91
Dibenzo(a,h)anthracene
Concen: 43.688 ng
RT: 28.83 min Scan# 4382
Delta R.T. -0.07 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Instrument :
BNA_G
ClientSampleId :
OK-03-062019MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.2	6.6	10.0
279	24.9	18.5	27.7



#92
Benzo(g,h,i)perylene
Concen: 44.387 ng
RT: 29.96 min Scan# 4574
Delta R.T. -0.09 min
Lab File: BG041414.D
Acq: 22 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	10.4	9.4	14.0

