

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073119\
 Data File : BG041839.D
 Acq On : 31 Jul 2019 18:50
 Operator : HP/JU
 Sample : K3621-08MSDRX
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-072919MSD

Quant Time: Aug 01 01:49:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	29289	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	154056	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	175008	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	609525	20.00	ng	0.00
76) Chrysene-d12	21.74	240	695381	20.00	ng	0.00
87) Perylene-d12	25.01	264	770428	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	251277	166.92	ng	0.00
7) Phenol-d6	7.19	99	377852	186.18	ng	0.00
23) Nitrobenzene-d5	9.20	82	249154	111.30	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	477626	240.27	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	850027	85.67	ng	0.00
79) Terphenyl-d14	20.07	244	2920532	96.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	18431	26.013	ng	# 47
3) Pyridine	3.88	79	74031	38.102	ng	90
4) n-Nitrosodimethylamine	3.78	42	33414	43.381	ng	# 88
6) Aniline	7.35	93	93847	32.840	ng	94
8) 2-Chlorophenol	7.60	128	109120	63.302	ng	92
9) Benzaldehyde	7.17	77	56345	39.456	ng	93
10) Phenol	7.22	94	127336	60.309	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	84393	48.620	ng	93
12) 1,3-Dichlorobenzene	7.94	146	91672	40.746	ng	97
13) 1,4-Dichlorobenzene	8.08	146	97520	43.319	ng	95
14) 1,2-Dichlorobenzene	8.40	146	98990	46.083	ng	94
15) Benzyl Alcohol	8.28	79	112350	70.366	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	135785	43.970	ng	98
17) 2-Methylphenol	8.48	107	102719	66.895	ng	98
18) Hexachloroethane	9.14	117	31086	40.324	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	88558	60.103	ng	94
20) 3+4-Methylphenols	8.81	107	151059	71.889	ng	99
22) Acetophenone	8.86	105	169575	49.211	ng	# 92
24) Nitrobenzene	9.25	77	122935	52.126	ng	99
25) Isophorone	9.77	82	277676	57.019	ng	99
26) 2-Nitrophenol	9.97	139	69598	63.584	ng	95
27) 2,4-Dimethylphenol	10.03	122	131629	68.136	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	148371	48.755	ng	98
29) 2,4-Dichlorophenol	10.51	162	156924	66.703	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	131979	44.239	ng	97
31) Naphthalene	10.91	128	358353	50.825	ng	97
32) Benzoic acid	10.13	122	52376	39.778	ng	90
33) 4-Chloroaniline	11.02	127	48322	14.452	ng	97
34) Hexachlorobutadiene	11.21	225	74917	37.208	ng	95
35) Caprolactam	11.78	113	25414	31.084	ng	# 79
36) 4-Chloro-3-methylphenol	12.14	107	202909	86.997	ng	98
37) 2-Methylnaphthalene	12.52	142	327411	58.666	ng	98
38) 1-Methylnaphthalene	12.75	142	319656	60.440	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	208858	37.702	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	185583	59.585	ng	99
43) 2,4,6-Trichlorophenol	13.13	196	183392	52.378	ng	99
44) 2,4,5-Trichlorophenol	13.20	196	222712	61.209	ng	97
46) 1,1'-Biphenyl	13.54	154	478304	42.516	ng	94
47) 2-Chloronaphthalene	13.58	162	402162	41.987	ng	96
48) 2-Nitroaniline	13.77	65	158310	65.169	ng	89
49) Acenaphthylene	14.42	152	731178	51.033	ng	97
50) Dimethylphthalate	14.15	163	702706	58.793	ng	98
51) 2,6-Dinitrotoluene	14.26	165	173106	69.263	ng #	85
52) Acenaphthene	14.76	154	487289	52.293	ng	98
53) 3-Nitroaniline	14.59	138	76959	28.783	ng	85
54) 2,4-Dinitrophenol	14.80	184	120111	79.426	ng	87
55) Dibenzofuran	15.10	168	775977	54.443	ng	95
56) 4-Nitrophenol	14.90	139	411623	202.814	ng	95
57) 2,4-Dinitrotoluene	15.05	165	284210	82.691	ng	92
58) Fluorene	15.75	166	687201	60.079	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.33	232	278940	77.404	ng #	92
60) Diethylphthalate	15.52	149	759182	64.697	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	381239	54.596	ng	95
62) 4-Nitroaniline	15.76	138	251431	86.819	ng	97
63) Azobenzene	16.03	77	570089	59.474	ng	94
65) 4,6-Dinitro-2-methylphenol	15.82	198	137327	46.314	ng	83
66) n-Nitrosodiphenylamine	15.96	169	713457	42.971	ng	98
67) 4-Bromophenyl-phenylether	16.64	248	301050	40.096	ng	98
68) Hexachlorobenzene	16.76	284	326661	41.587	ng	94
69) Atrazine	16.90	200	369837	56.694	ng	100
70) Pentachlorophenol	17.10	266	370652	83.065	ng	98
71) Phenanthrene	17.50	178	1456257	49.844	ng	97
72) Anthracene	17.58	178	1504882	51.646	ng	97
73) Carbazole	17.85	167	1594807	60.980	ng	98
74) Di-n-butylphthalate	18.42	149	1712907	57.772	ng	98
75) Fluoranthene	19.50	202	2182650	61.461	ng	98
77) Benzidine	19.68	184	330016	14.540	ng	95
78) Pyrene	19.87	202	2206836	53.564	ng	100
80) Butylbenzylphthalate	20.76	149	905128	57.300	ng	90
81) Benzo(a)anthracene	21.72	228	1996905	48.537	ng	99
82) 3,3'-Dichlorobenzidine	21.63	252	378576	22.919	ng #	97
83) Chrysene	21.78	228	1959739	49.692	ng	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	1168260	53.616	ng	98
85) Di-n-octyl phthalate	22.87	149	1839481	50.162	ng #	92
86) Indeno(1,2,3-cd)pyrene	28.76	276	2531269	48.486	ng #	95
88) Benzo(b)fluoranthene	23.97	252	2105807	49.965	ng	98
89) Benzo(k)fluoranthene	24.05	252	2067001	50.348	ng #	97
90) Benzo(a)pyrene	24.86	252	2096622	51.870	ng #	98
91) Dibenzo(a,h)anthracene	28.83	278	2062181	51.958	ng #	97
92) Benzo(g,h,i)perylene	29.93	276	2103057	53.036	ng	96

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

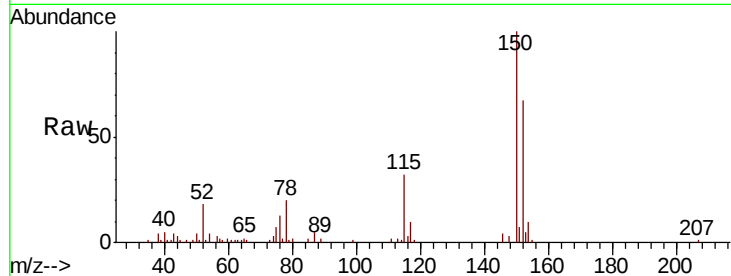


#1

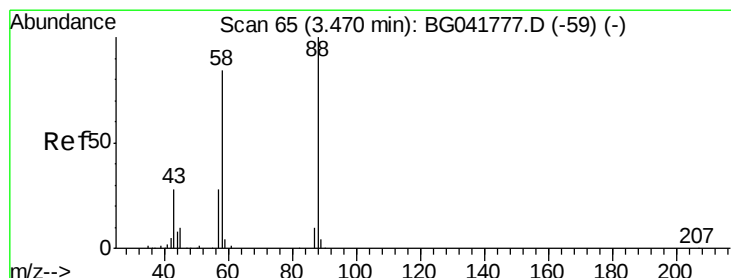
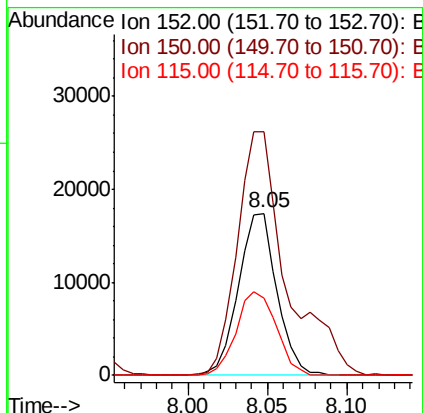
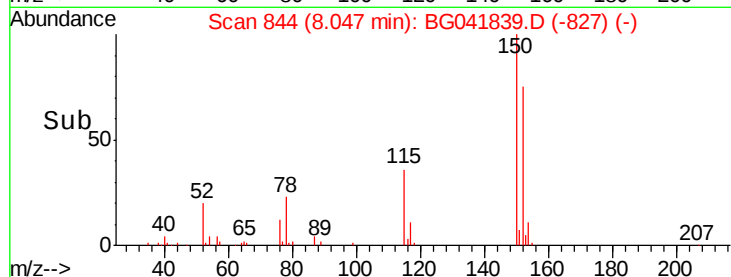
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG041839.D
Acq: 31 Jul 2019 18:50

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MSD

Tgt Ion:152 Resp: 29289
Ion Ratio Lower Upper
152 100
150 150.0 126.9 190.3
115 47.8 45.0 67.6



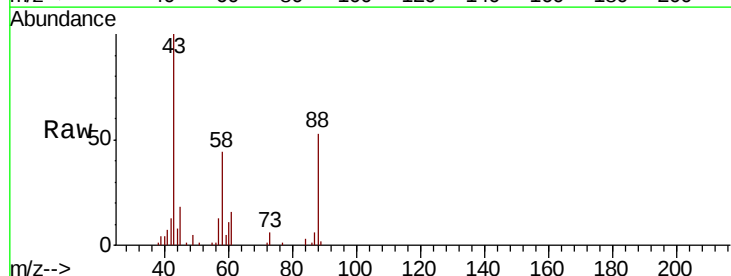
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



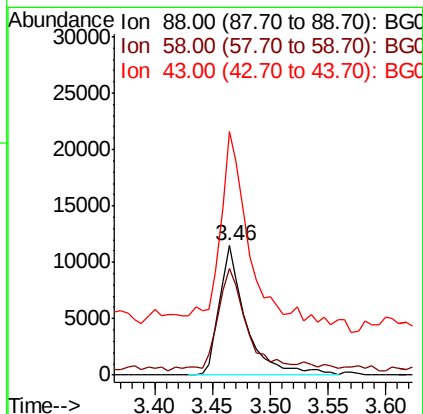
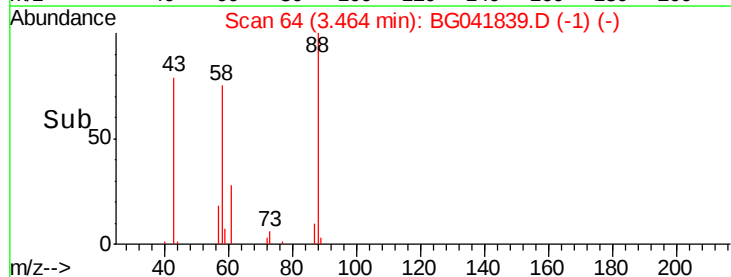
#2

1,4-Dioxane
Concen: 26.013 ng
RT: 3.46 min Scan# 64
Delta R.T. -0.01 min
Lab File: BG041839.D
Acq: 31 Jul 2019 18:50

Tgt Ion: 88 Resp: 18431
Ion Ratio Lower Upper
88 100
58 85.4 76.2 114.2
43 133.9 27.2 40.8#



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





#3

Pyridine

Concen: 38.102 ng

RT: 3.88 min Scan# 134

Delta R.T. 0.00 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

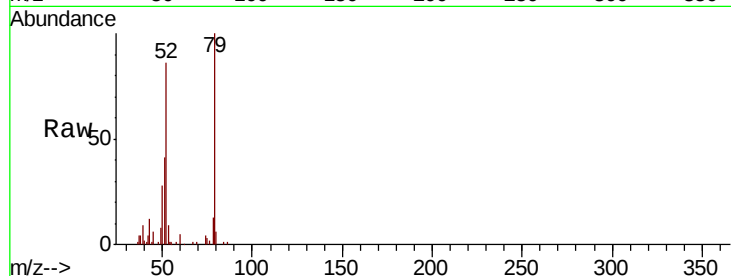
Tgt Ion: 79 Resp: 74031

Ion Ratio Lower Upper

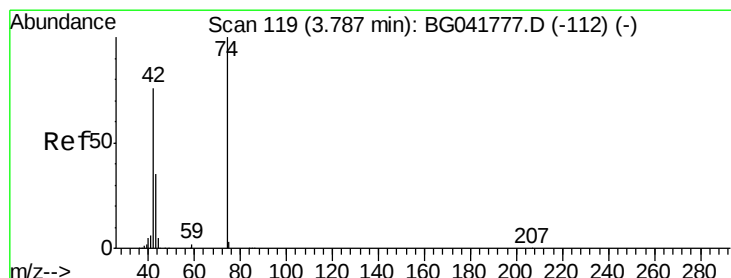
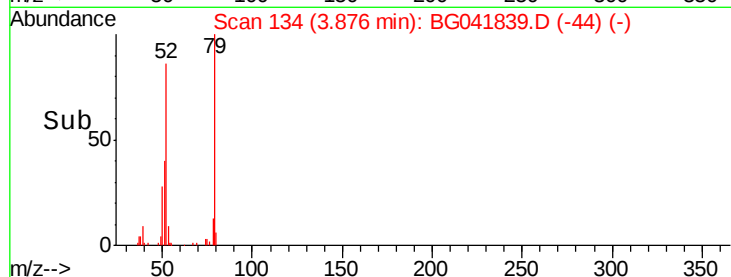
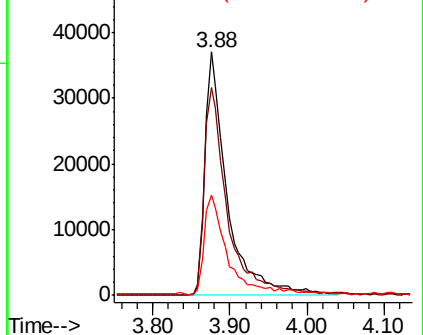
79 100

52 85.6 77.1 115.7

51 41.3 37.8 56.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 43.381 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

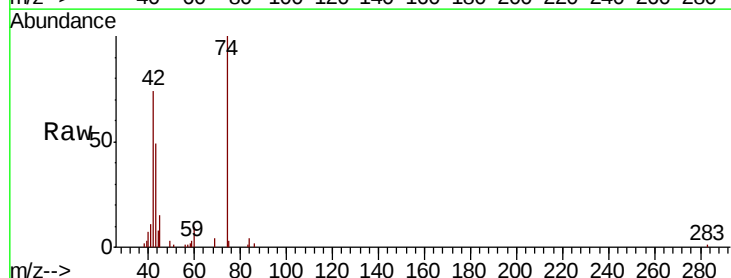
Tgt Ion: 42 Resp: 33414

Ion Ratio Lower Upper

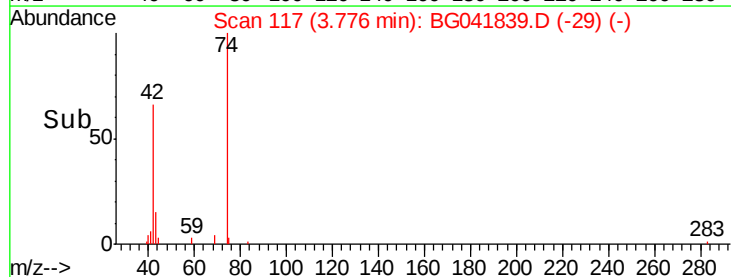
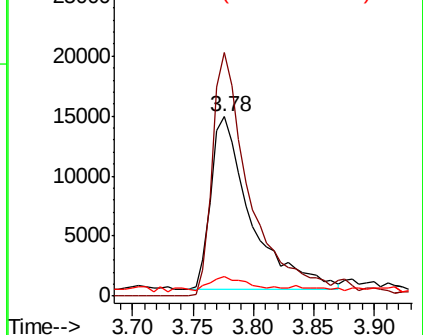
42 100

74 135.9 97.4 146.2

44 11.2 6.6 9.8#



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: 166.919 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

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OK-01-072919MSD

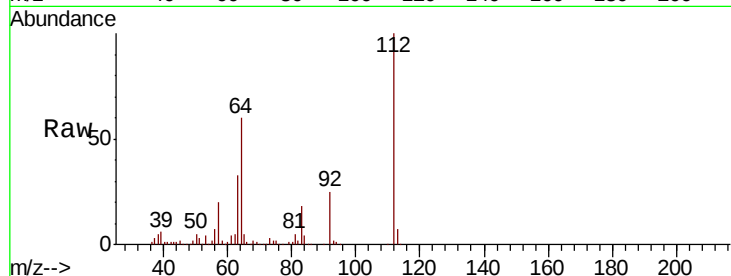
Tgt Ion: 112 Resp: 251277

Ion Ratio Lower Upper

112 100

64 59.6 55.4 83.2

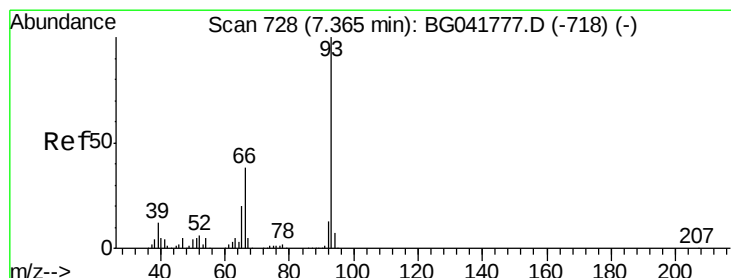
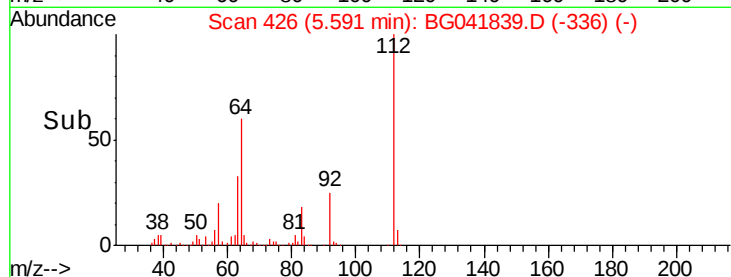
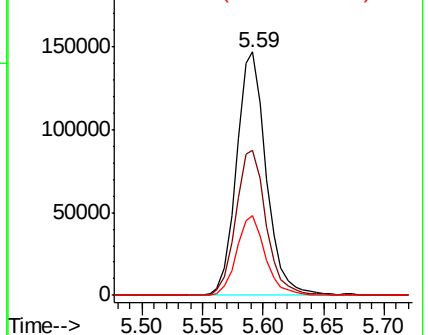
63 32.6 29.1 43.7



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: 32.840 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

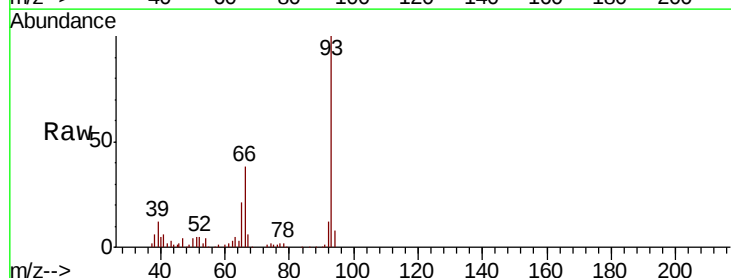
Tgt Ion: 93 Resp: 93847

Ion Ratio Lower Upper

93 100

66 38.3 34.2 51.2

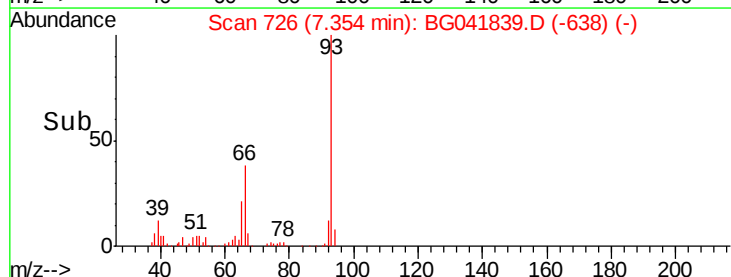
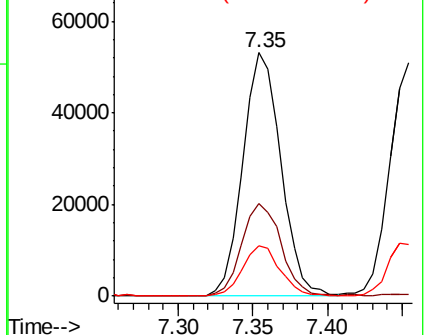
65 20.7 18.2 27.2

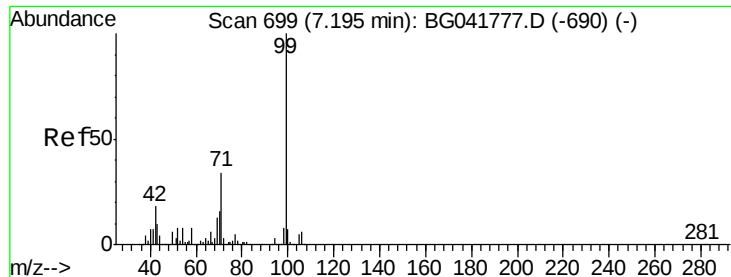


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 186.180 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

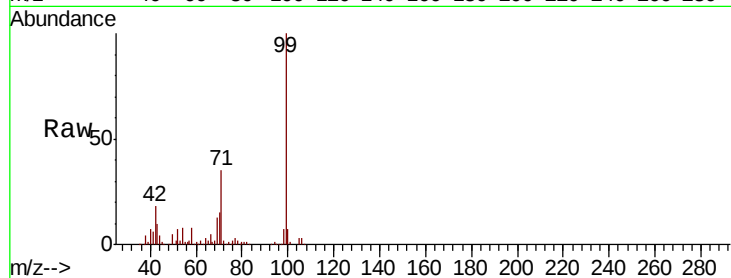
Tgt Ion: 99 Resp: 377852

Ion Ratio Lower Upper

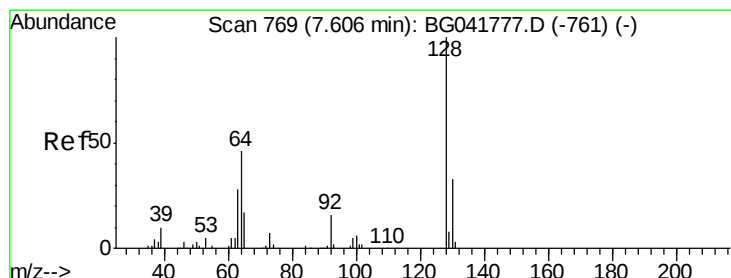
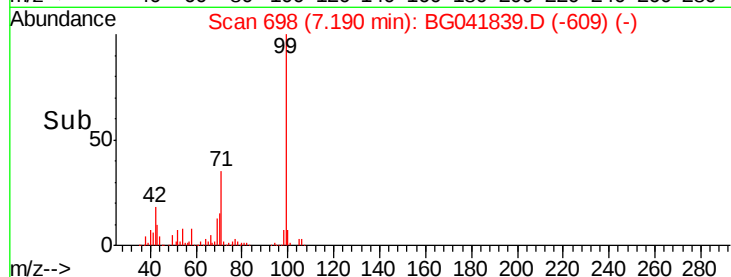
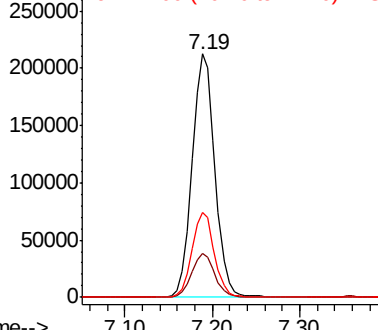
99 100

42 18.3 17.6 26.4

71 34.9 27.8 41.6



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: 63.302 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

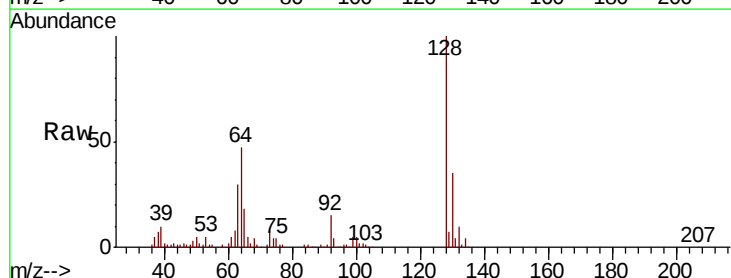
Tgt Ion: 128 Resp: 109120

Ion Ratio Lower Upper

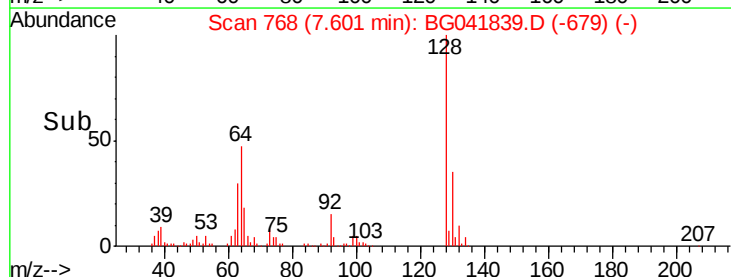
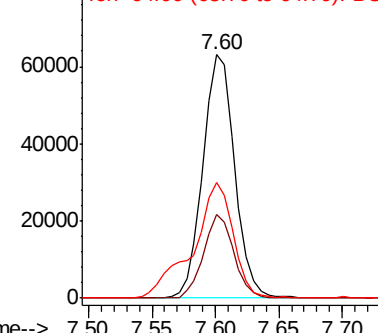
128 100

130 34.6 12.4 52.4

64 47.4 34.9 74.9



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





#9

Benzaldehyde

Concen: 39.456 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

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ClientSampleId :

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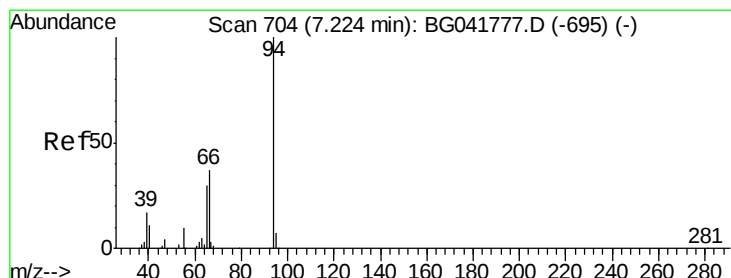
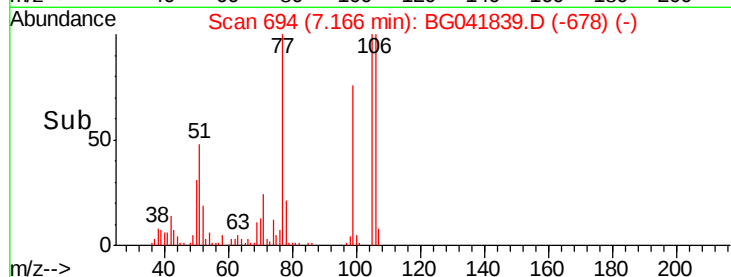
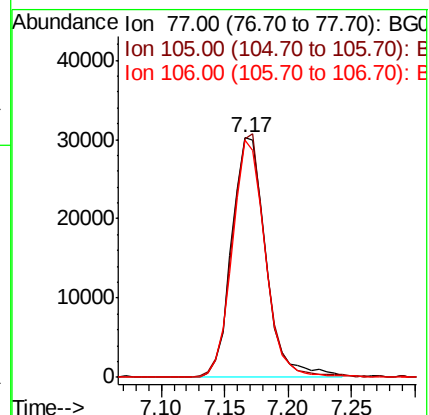
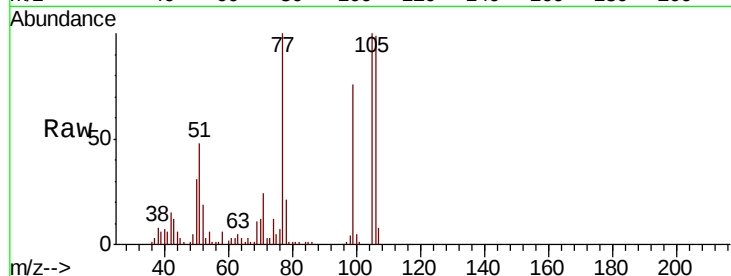
Tgt Ion: 77 Resp: 56345

Ion Ratio Lower Upper

77 100

105 99.6 74.6 114.6

106 99.2 71.1 111.1



#10

Phenol

Concen: 60.309 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

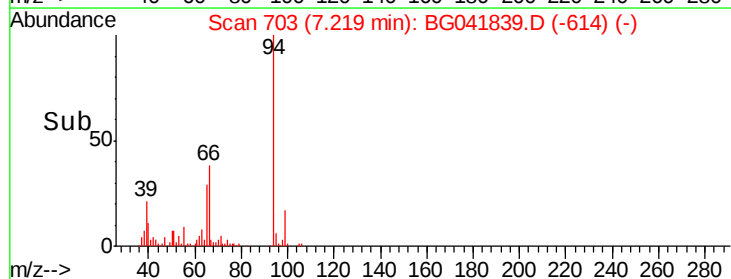
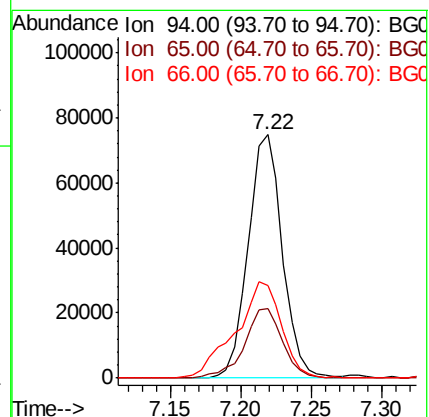
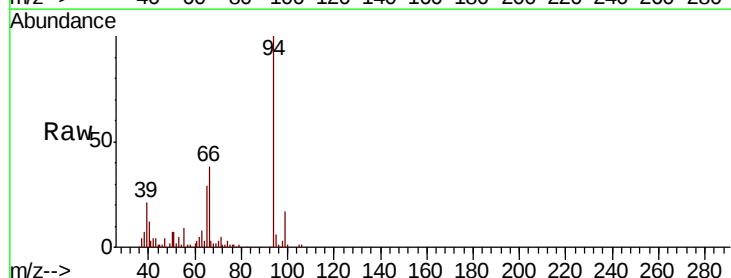
Tgt Ion: 94 Resp: 127336

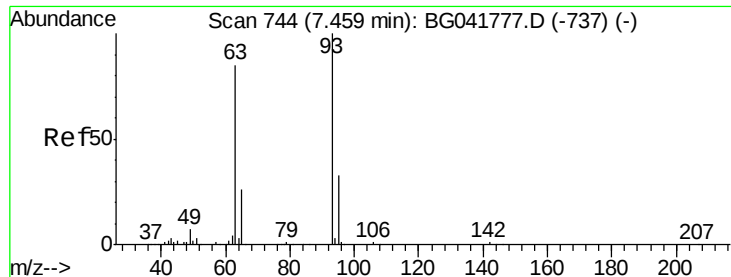
Ion Ratio Lower Upper

94 100

65 28.7 10.6 50.6

66 38.1 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 48.620 ng

RT: 7.45 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

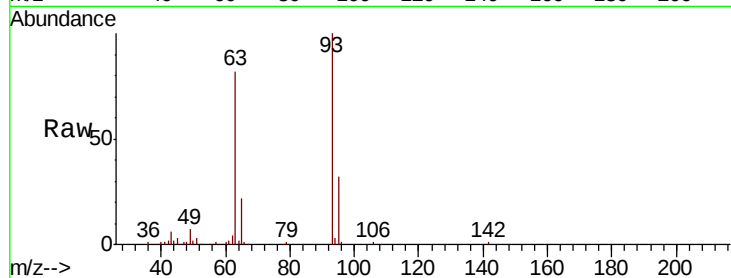
Tgt Ion: 93 Resp: 84393

Ion Ratio Lower Upper

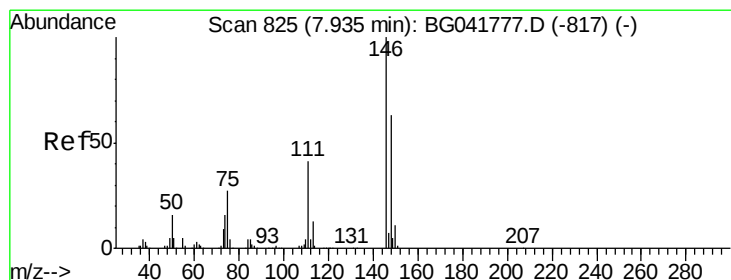
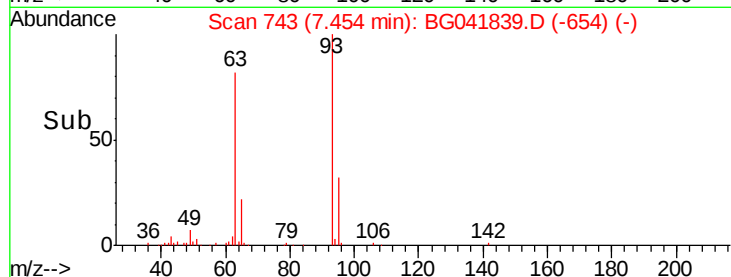
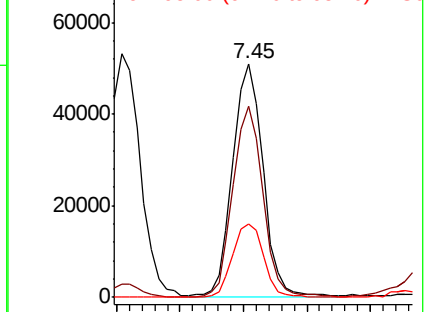
93 100

63 82.0 70.4 110.4

95 31.6 12.8 52.8



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



#12

1,3-Dichlorobenzene

Concen: 40.746 ng

RT: 7.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

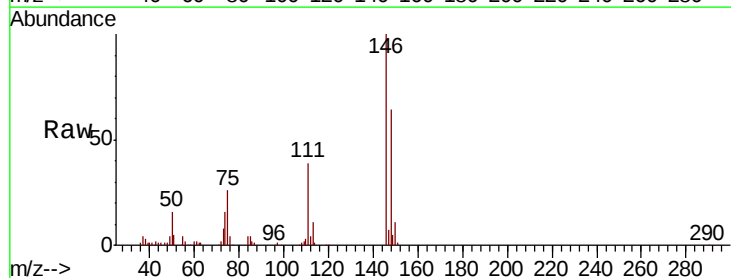
Tgt Ion: 146 Resp: 91672

Ion Ratio Lower Upper

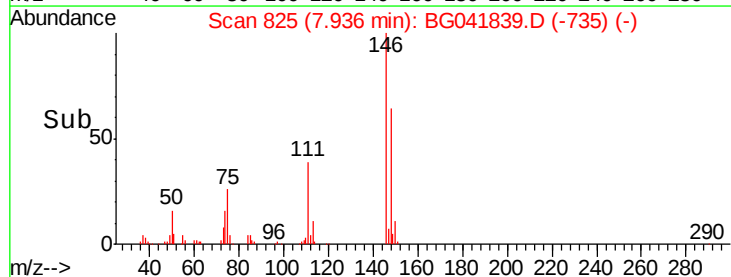
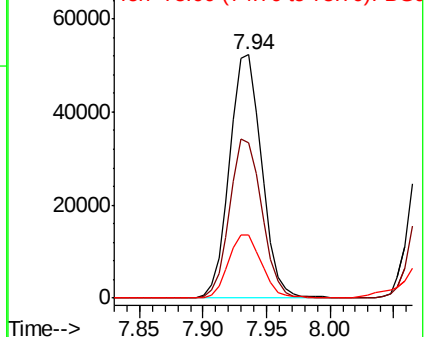
146 100

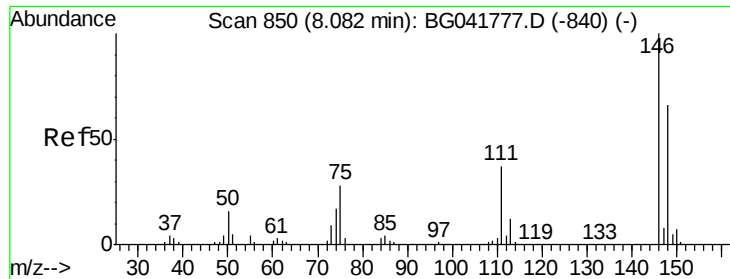
148 63.6 51.5 77.3

75 25.8 23.2 34.8



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

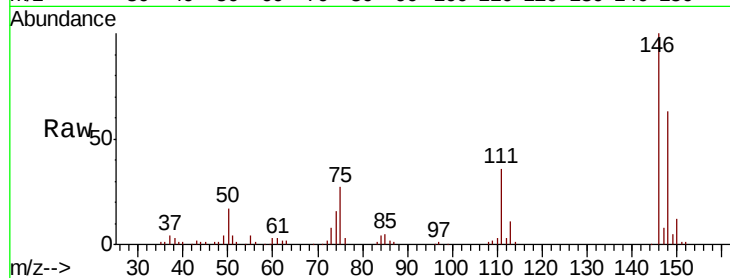




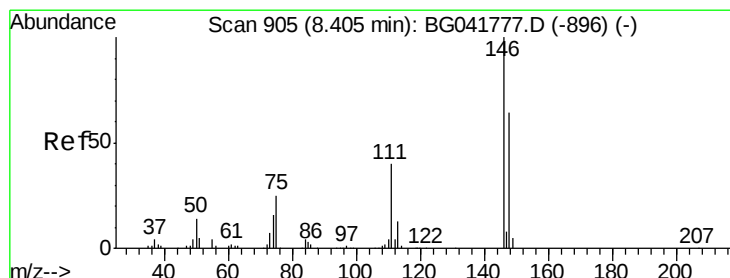
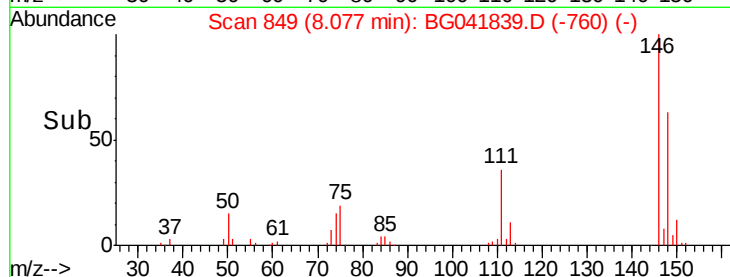
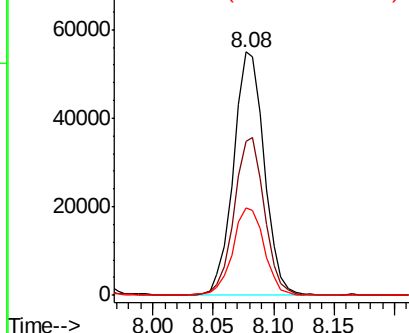
#13
 1,4-Dichlorobenzene
 Concen: 43.319 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-072919MSD

Tgt Ion:146 Resp: 97520
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.6 79.0
 111 35.8 32.5 48.7

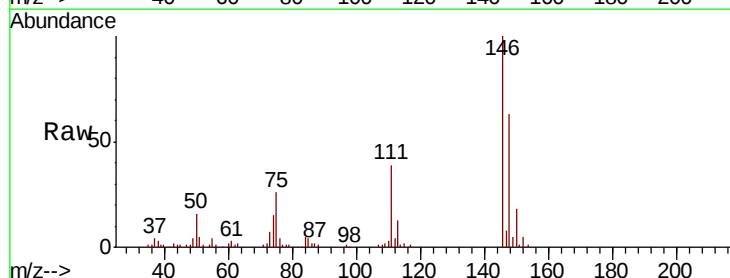


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

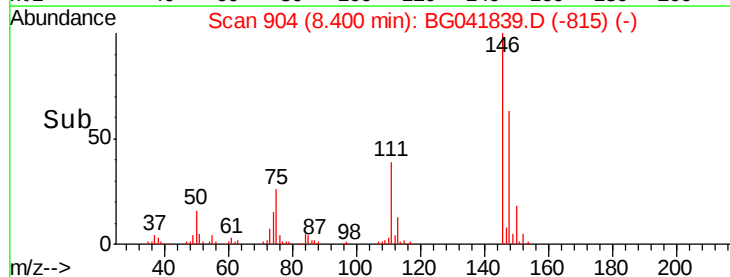
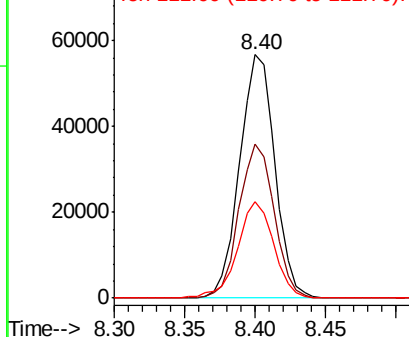


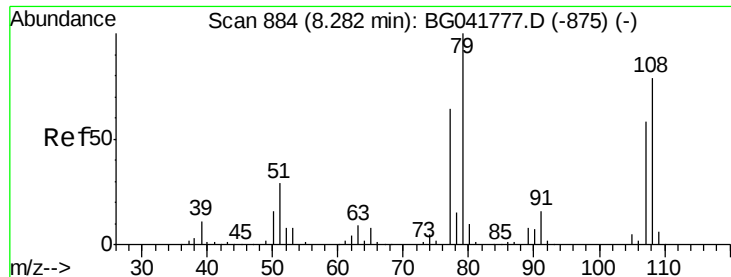
#14
 1,2-Dichlorobenzene
 Concen: 46.083 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

Tgt Ion:146 Resp: 98990
 Ion Ratio Lower Upper
 146 100
 148 63.4 53.5 80.3
 111 39.4 35.4 53.0



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





#15

Benzyl Alcohol

Concen: 70.366 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

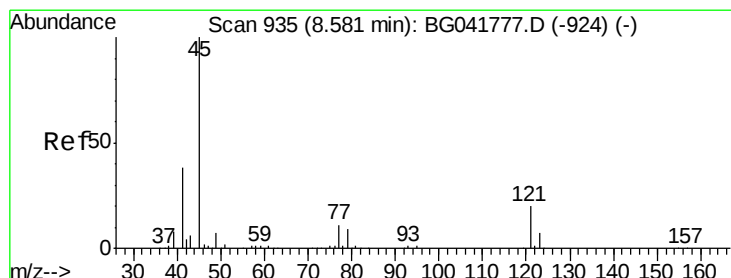
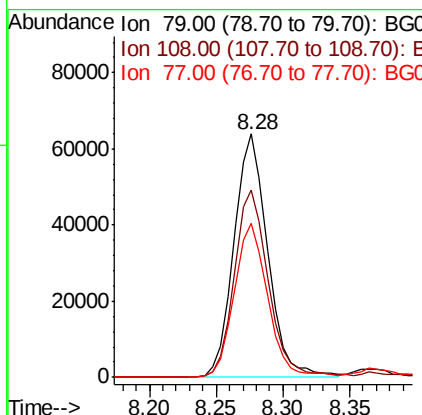
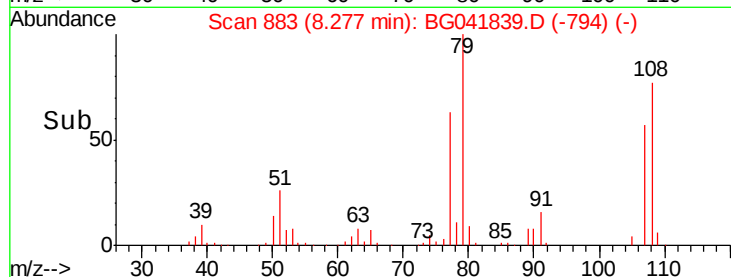
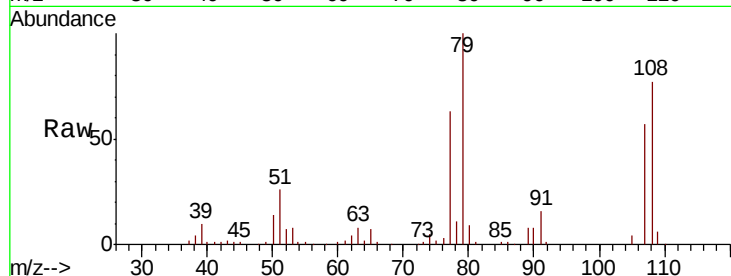
Tgt Ion: 79 Resp: 112350

Ion Ratio Lower Upper

79 100

108 76.8 60.5 90.7

77 63.1 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.970 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

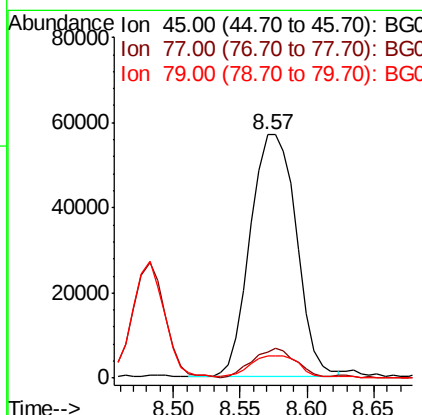
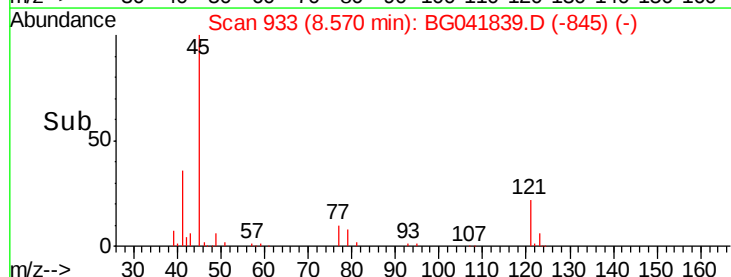
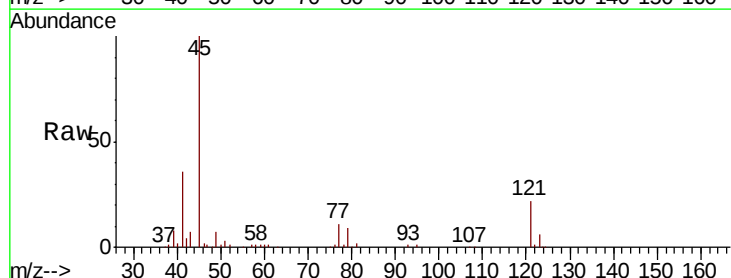
Tgt Ion: 45 Resp: 135785

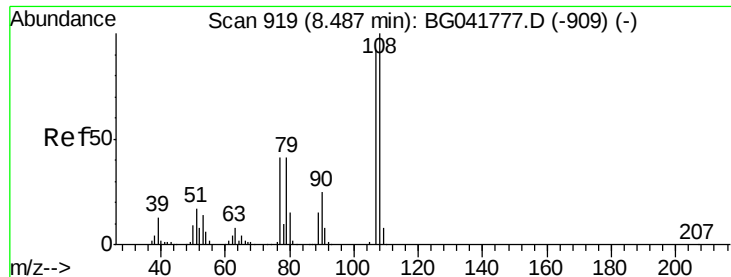
Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.4

79 8.9 0.0 27.9





#17

2-Methylphenol

Concen: 66.895 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

Tgt Ion:107 Resp: 102719

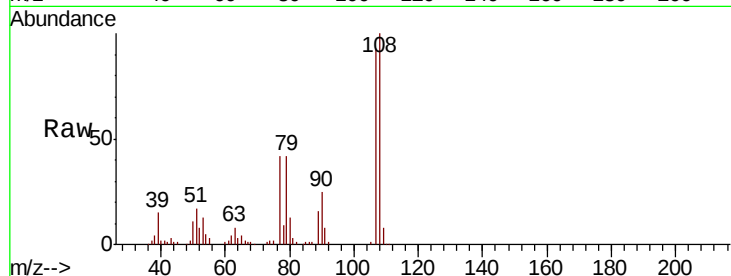
Ion Ratio Lower Upper

107 100

108 107.1 87.6 131.4

77 44.5 36.1 54.1

79 45.1 36.4 54.6

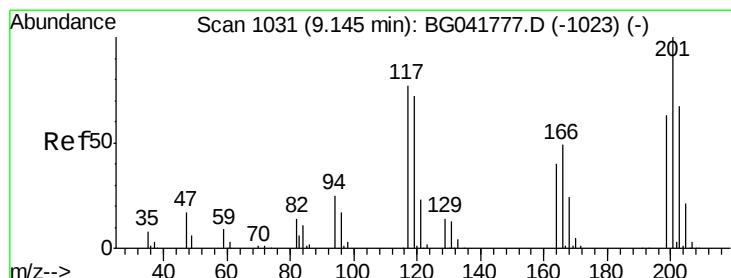
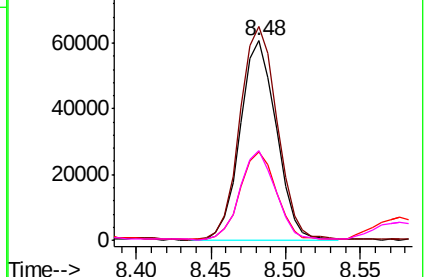
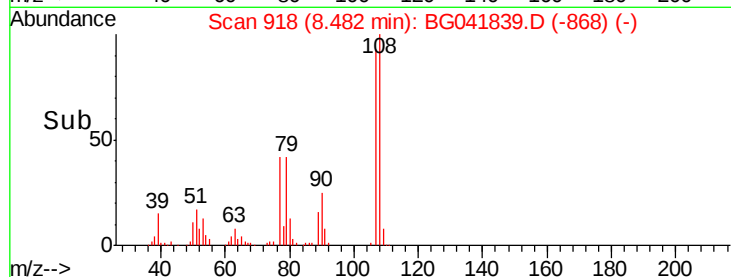


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.324 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

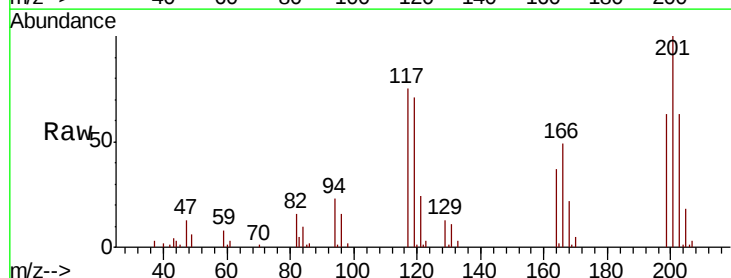
Tgt Ion:117 Resp: 31086

Ion Ratio Lower Upper

117 100

119 95.2 76.2 114.2

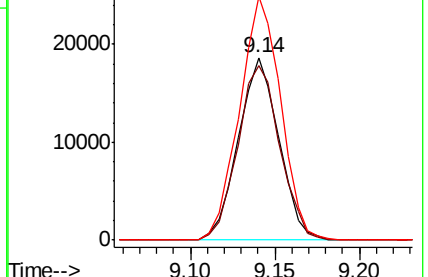
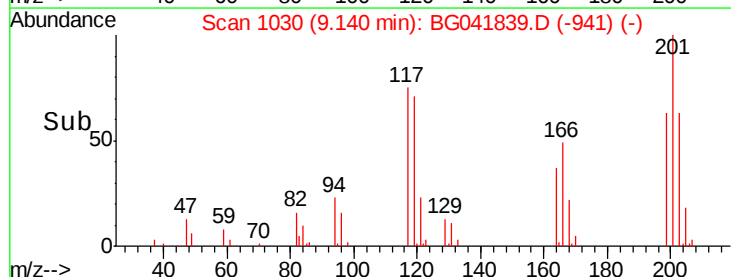
201 133.2 94.1 141.1

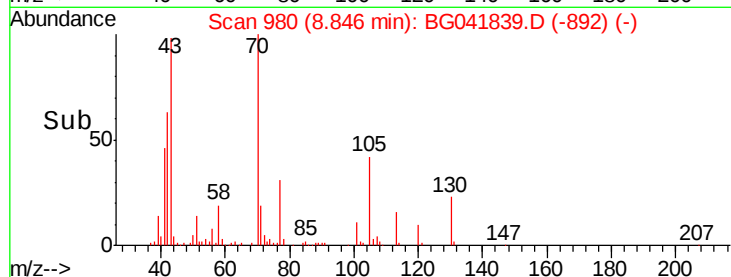
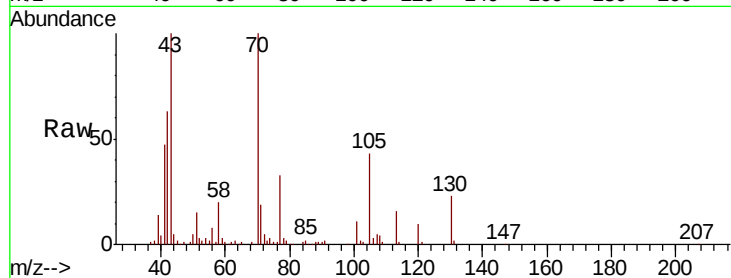
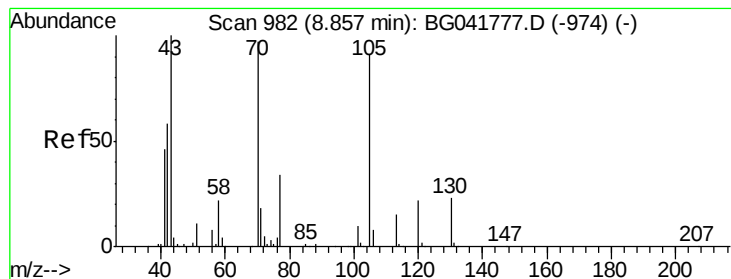


Abundance Ion 117.00 (116.70 to 117.70): E

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: 60.103 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

Tgt Ion: 70 Resp: 88558

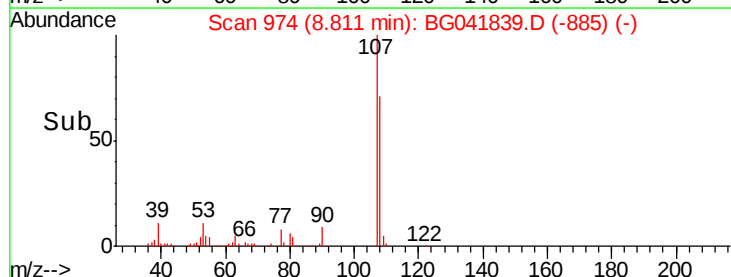
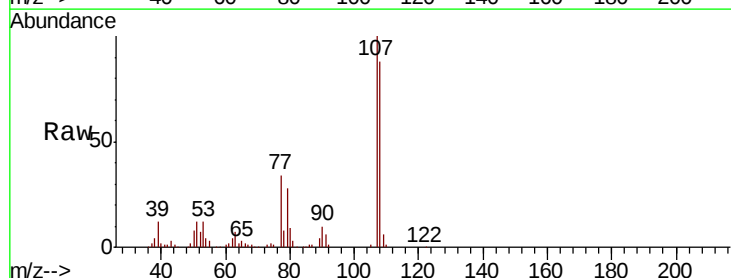
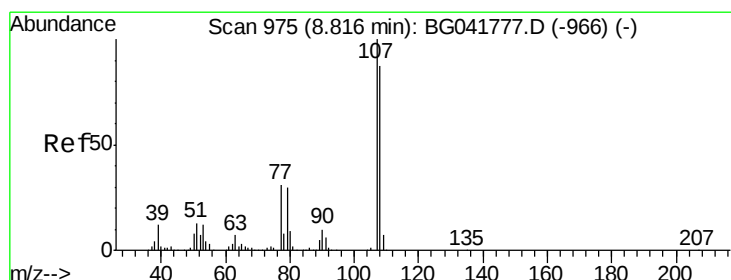
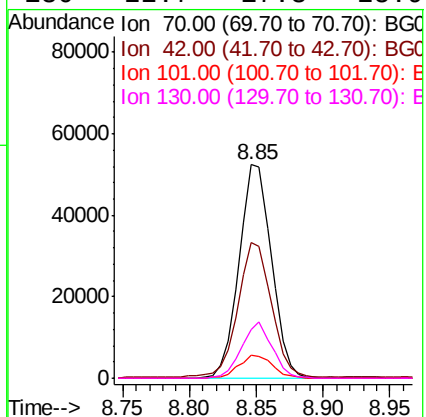
Ion Ratio Lower Upper

70 100

42 63.4 55.8 83.6

101 11.1 8.1 12.1

130 22.7 17.3 25.9



#20

3+4-Methylphenols

Concen: 71.889 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Tgt Ion: 107 Resp: 151059

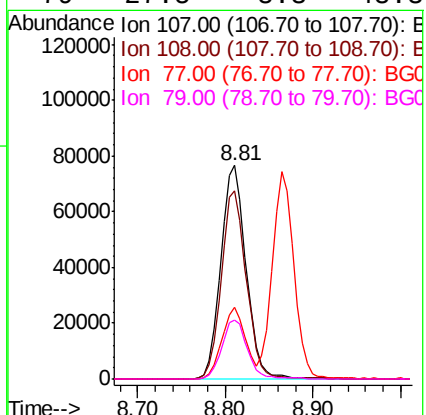
Ion Ratio Lower Upper

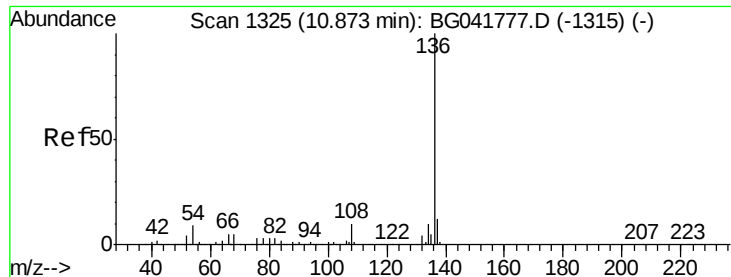
107 100

108 88.0 67.5 107.5

77 33.7 12.3 52.3

79 27.5 8.3 48.3

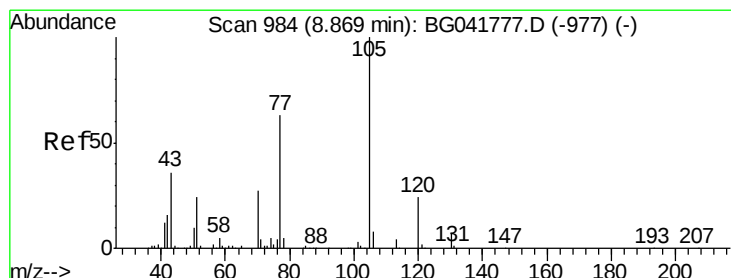
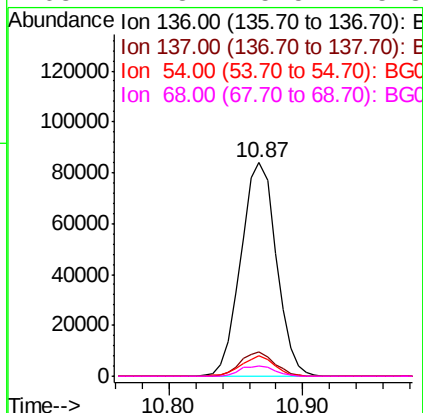
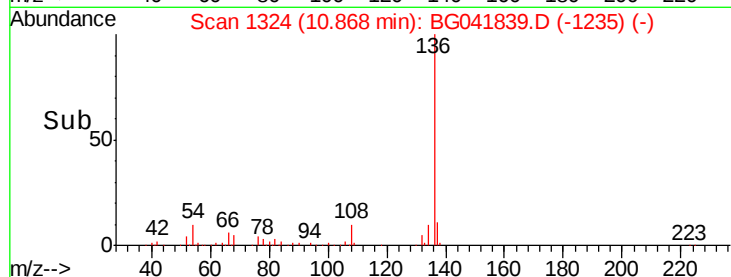
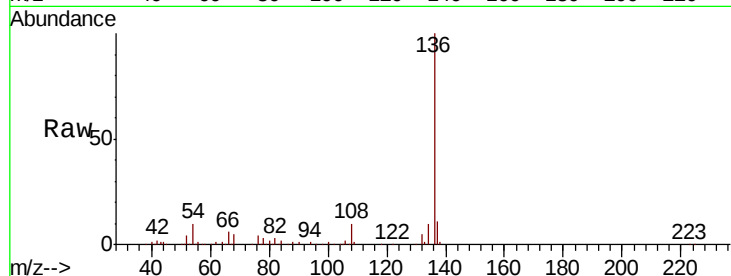




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041839.D
Acq: 31 Jul 2019 18:50

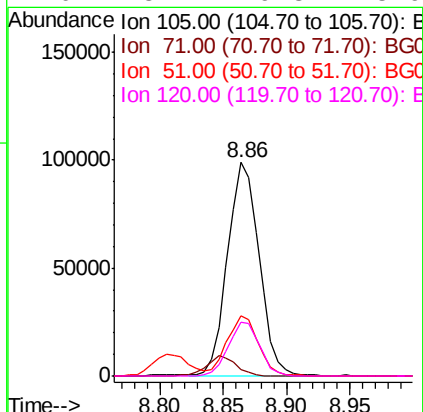
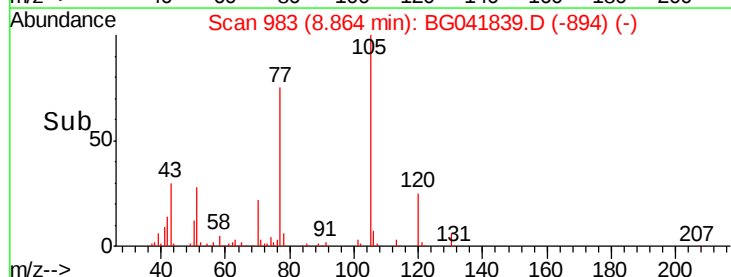
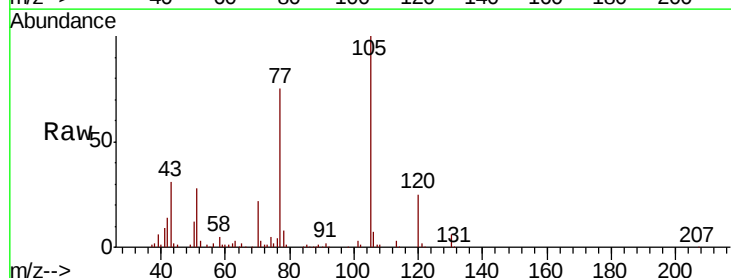
Instrument :
BNA_G
ClientSampleId :
OK-01-072919MSD

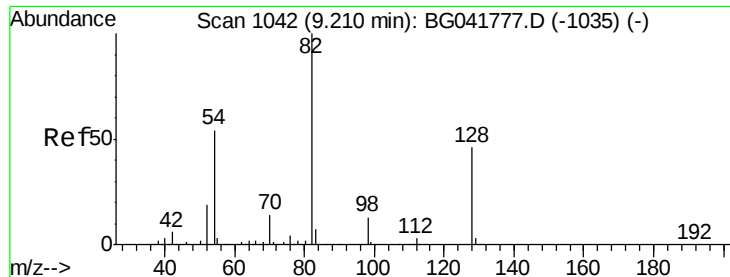
Tgt Ion:	136	Resp:	154056
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	9.8	8.7	13.1
68	4.8	5.5	8.3#



#22
Acetophenone
Concen: 49.211 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG041839.D
Acq: 31 Jul 2019 18:50

Tgt Ion:	105	Resp:	169575
Ion	Ratio	Lower	Upper
105	100		
71	3.2	5.9	8.9#
51	28.4	27.7	41.5
120	25.2	19.3	28.9

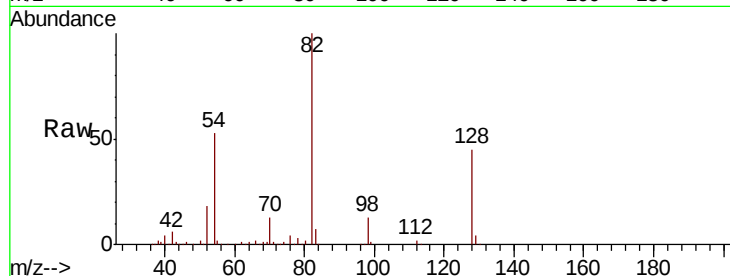




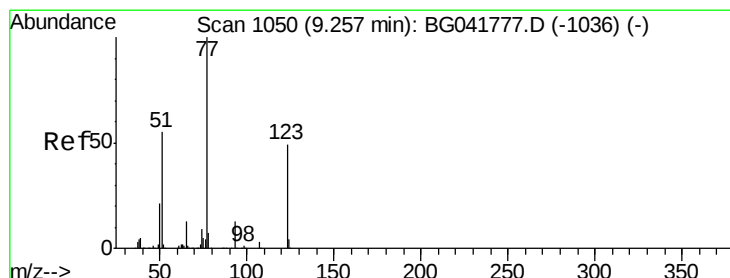
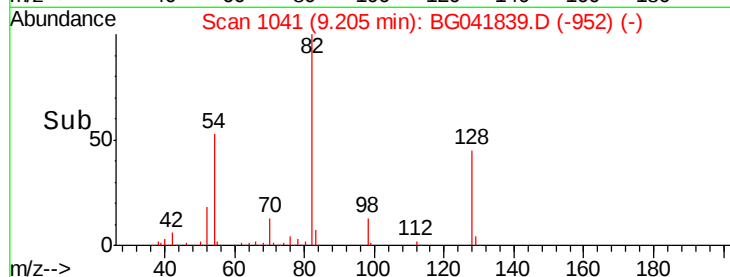
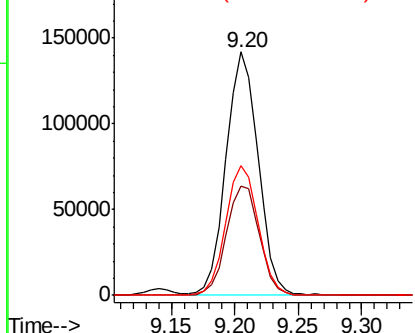
#23
 Nitrobenzene-d5
 Concen: 111.296 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-072919MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.1	52.7
54	53.1	48.7	73.1

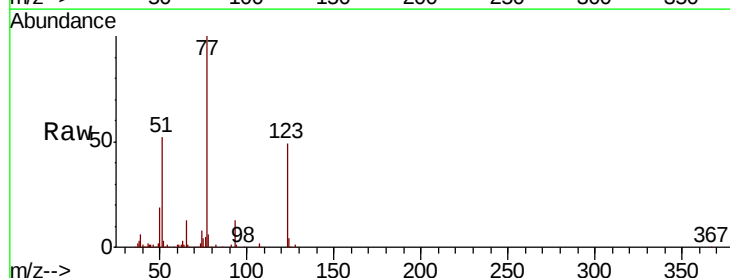


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

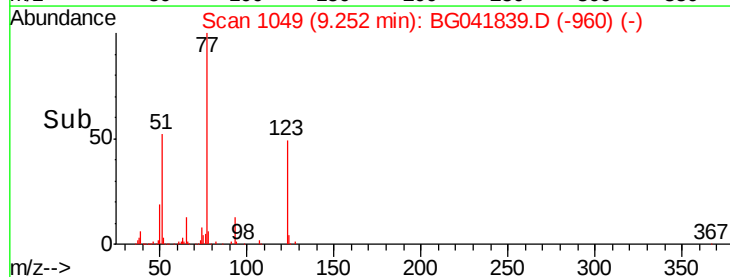
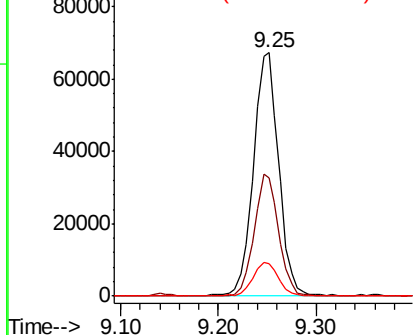


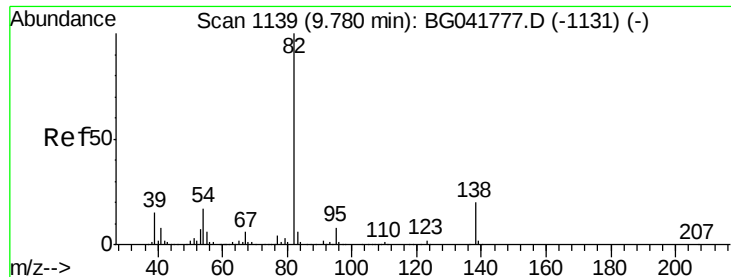
#24
 Nitrobenzene
 Concen: 52.126 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.6	38.1	57.1
65	13.3	11.0	16.6



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: 57.019 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

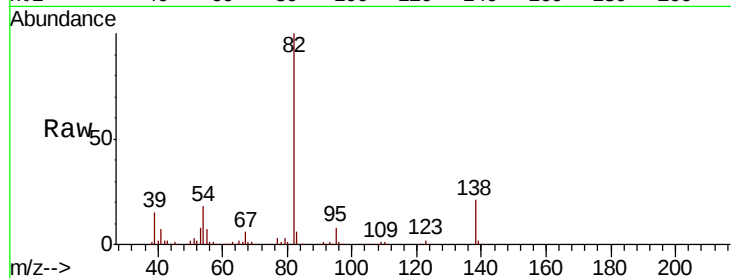
Tgt Ion: 82 Resp: 277676

Ion Ratio Lower Upper

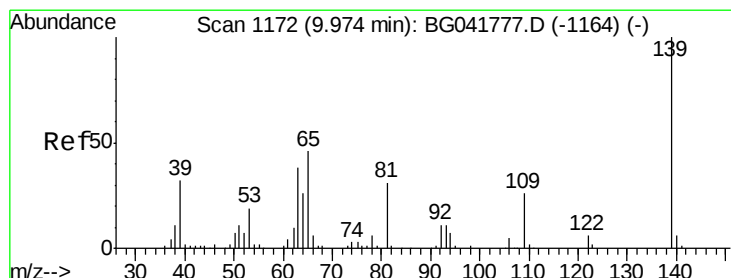
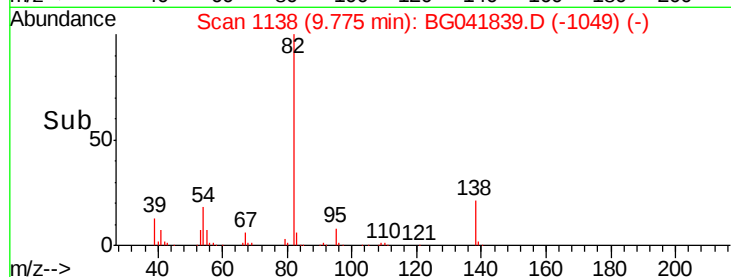
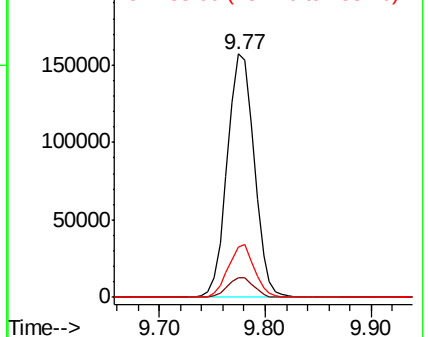
82 100

95 7.9 5.9 8.9

138 20.6 16.3 24.5



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: 63.584 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

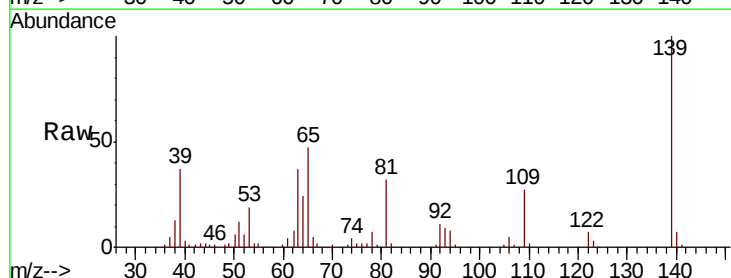
Tgt Ion: 139 Resp: 69598

Ion Ratio Lower Upper

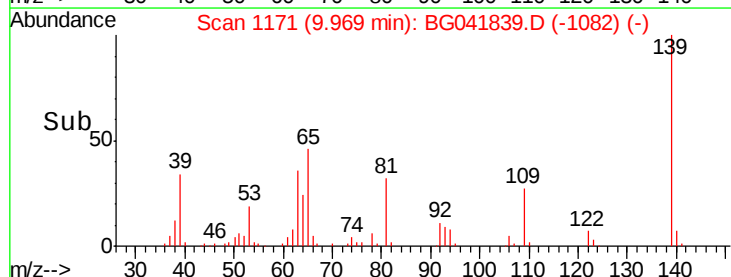
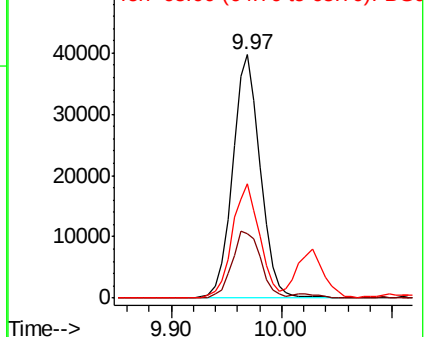
139 100

109 26.5 22.7 34.1

65 47.1 41.1 61.7



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

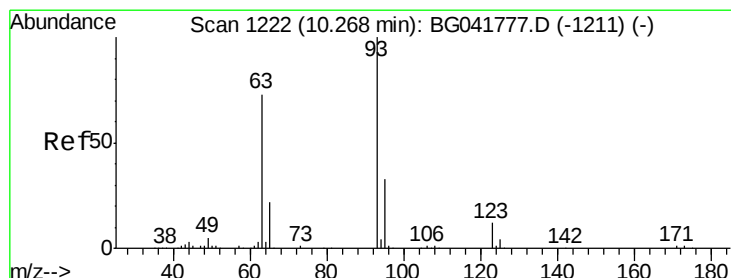
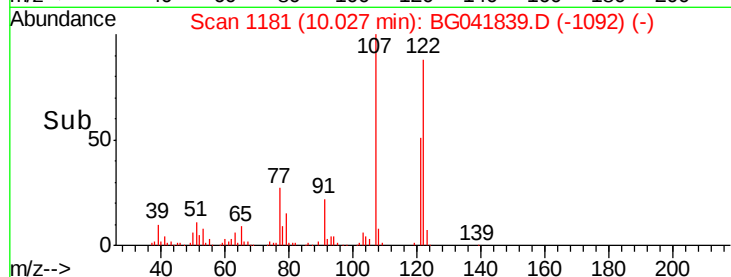
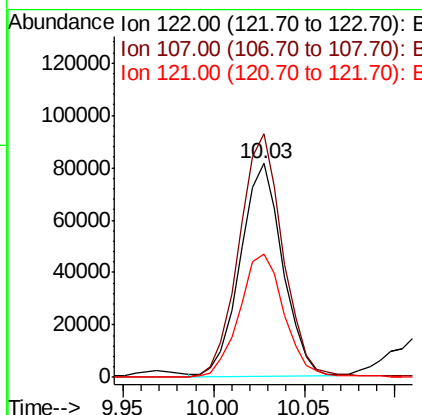
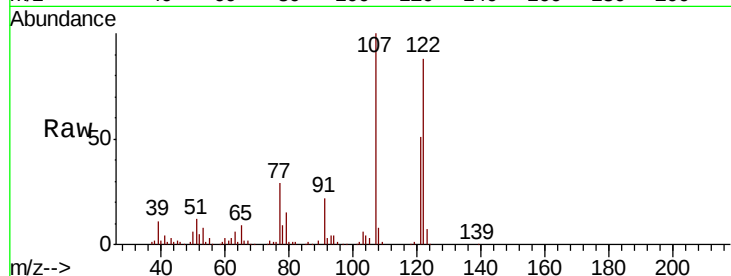




#27
 2,4-Dimethylphenol
 Concen: 68.136 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

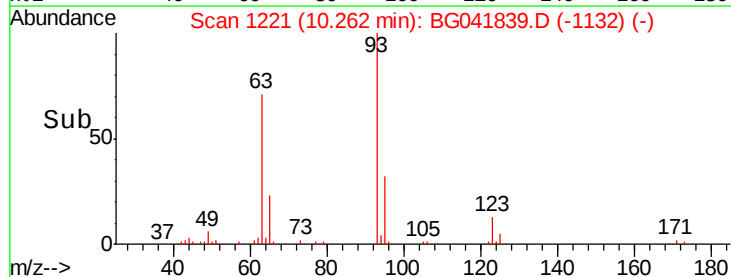
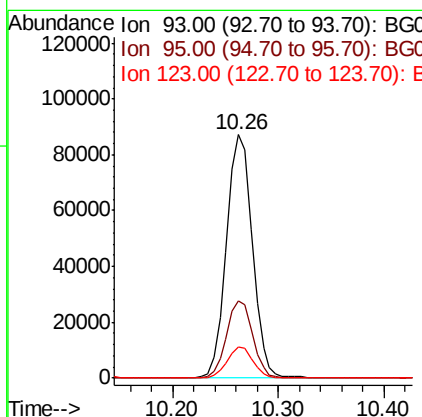
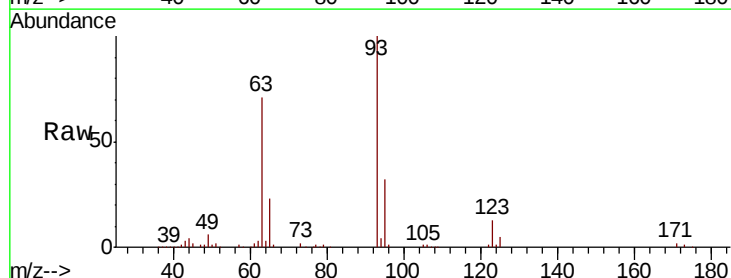
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-072919MSD

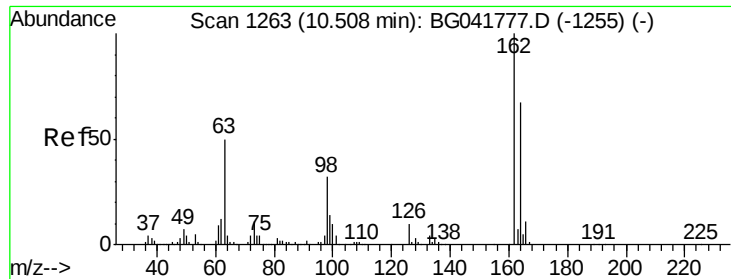
Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.9	91.3	136.9
121	57.6	49.2	73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.755 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.2	39.4
123	13.0	9.9	14.9

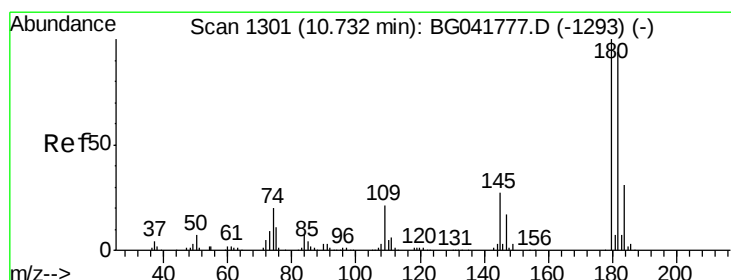
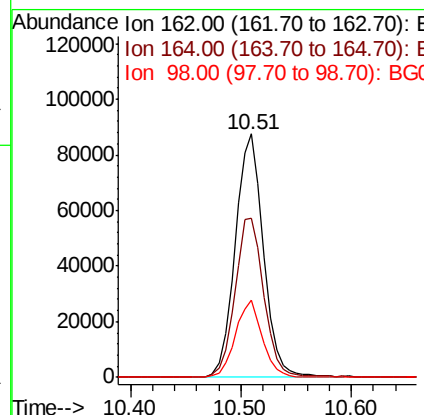
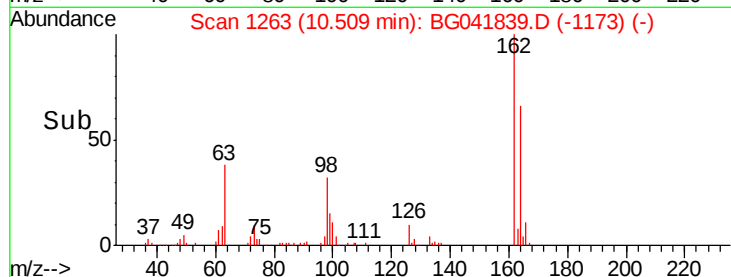
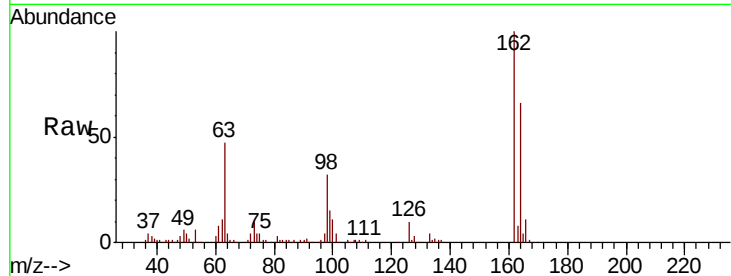




#29
 2,4-Dichlorophenol
 Concen: 66.703 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

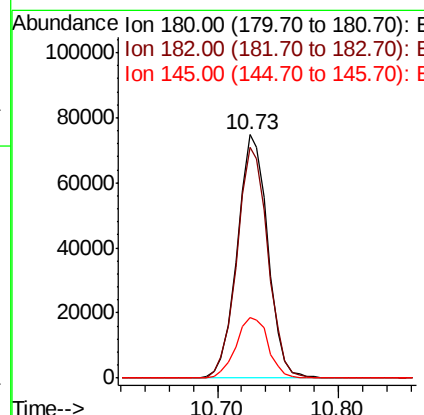
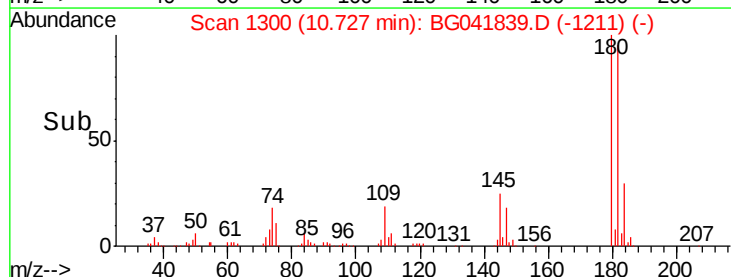
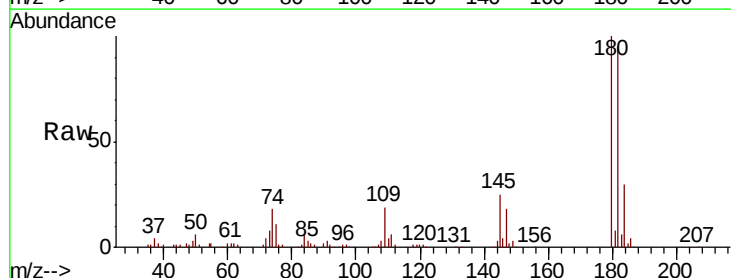
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-072919MSD

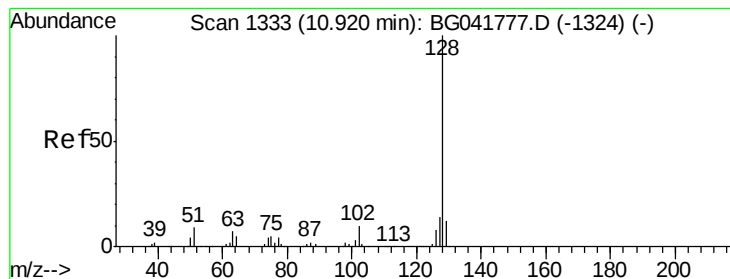
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	46.1	86.1
98	31.8	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 44.239 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.2	114.2
145	25.1	23.8	35.8





#31

Naphthalene

Concen: 50.825 ng

RT: 10.91 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

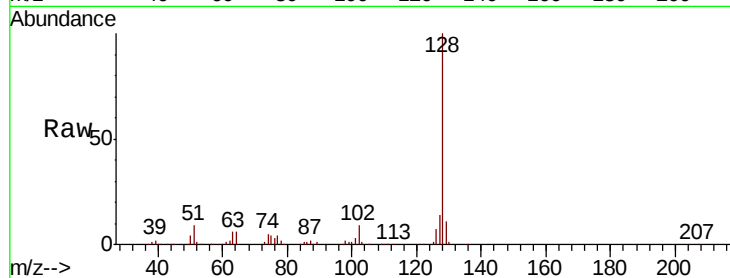
Tgt Ion:128 Resp: 358353

Ion Ratio Lower Upper

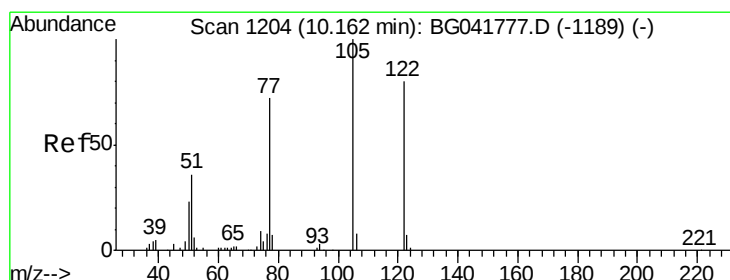
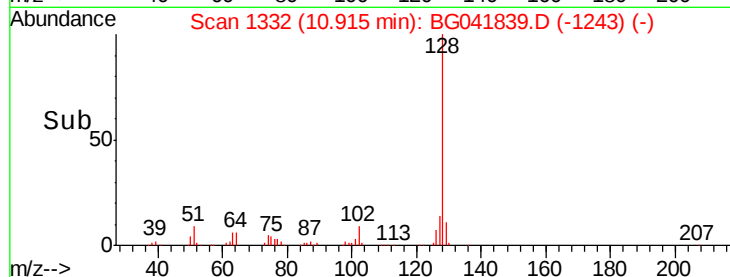
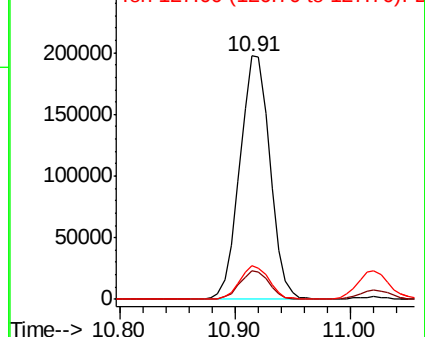
128 100

129 11.5 10.0 15.0

127 14.1 12.3 18.5



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: 39.778 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.03 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

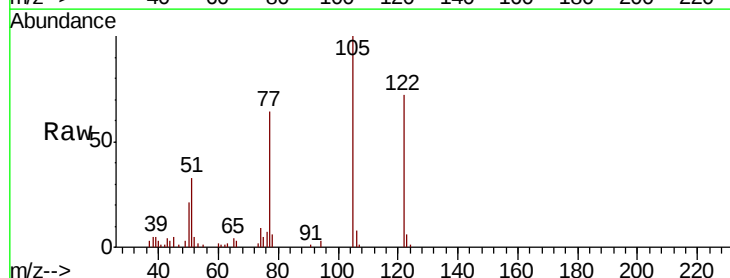
Tgt Ion:122 Resp: 52376

Ion Ratio Lower Upper

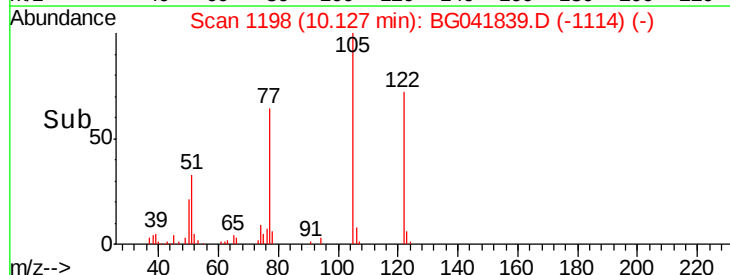
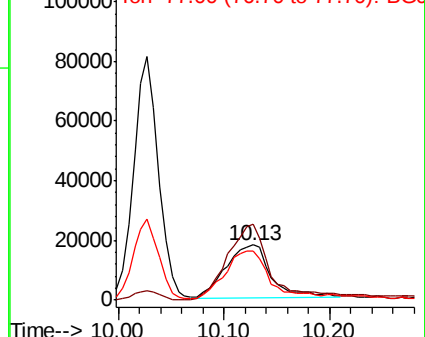
122 100

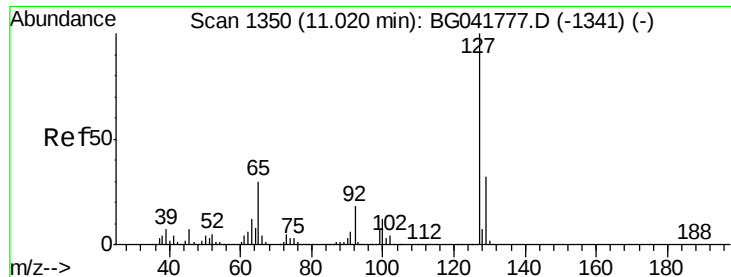
105 138.4 101.5 141.5

77 88.7 73.0 113.0



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

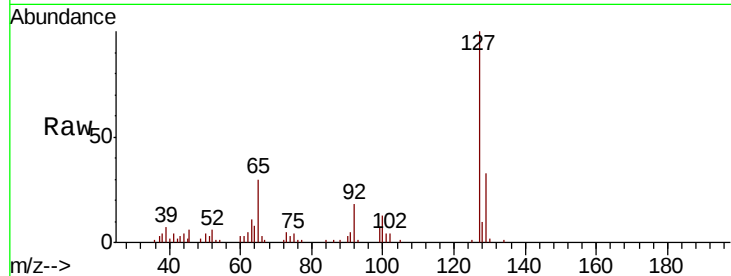




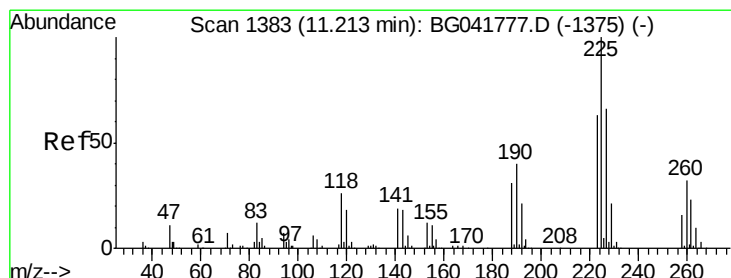
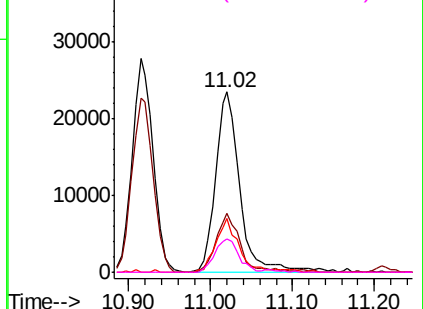
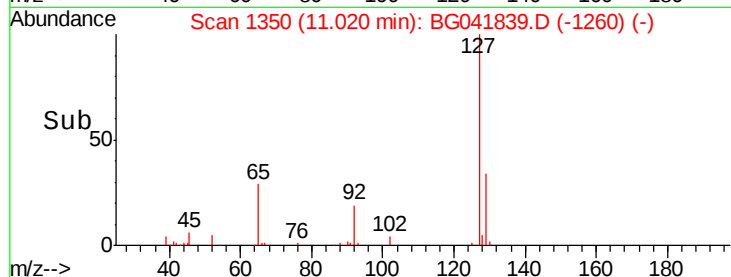
#33
4-Chloroaniline
Concen: 14.452 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG041839.D
Acq: 31 Jul 2019 18:50

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MSD

Tgt Ion:	127	Resp:	48322
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.8	38.8
65	29.7	26.7	40.1
92	18.2	15.4	23.0

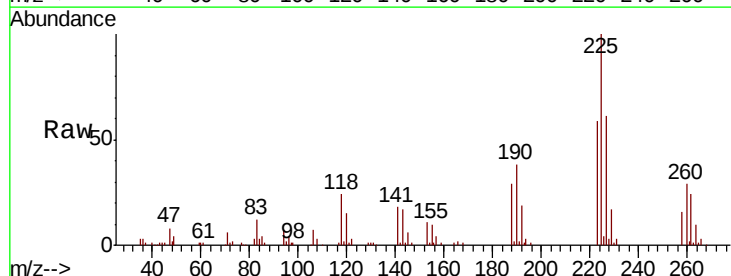


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

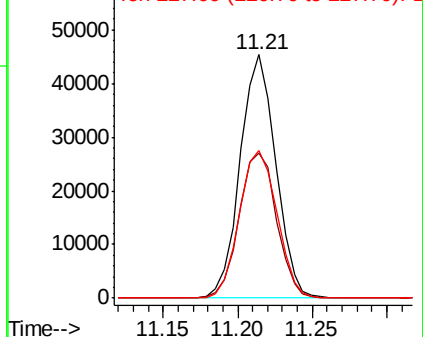
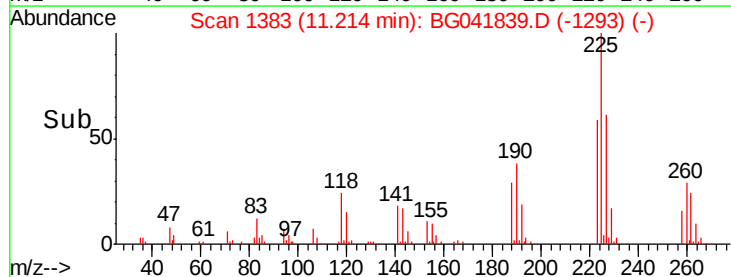


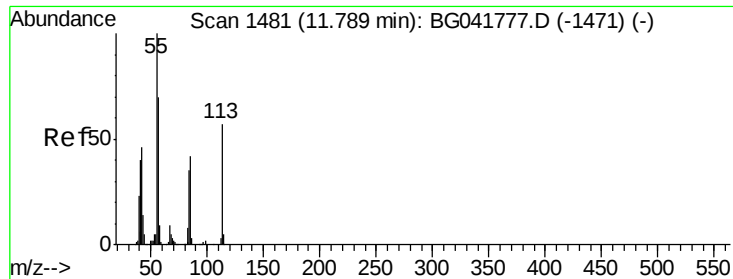
#34
Hexachlorobutadiene
Concen: 37.208 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041839.D
Acq: 31 Jul 2019 18:50

Tgt Ion:	225	Resp:	74917
Ion	Ratio	Lower	Upper
225	100		
223	59.4	51.1	76.7
227	60.9	50.9	76.3



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

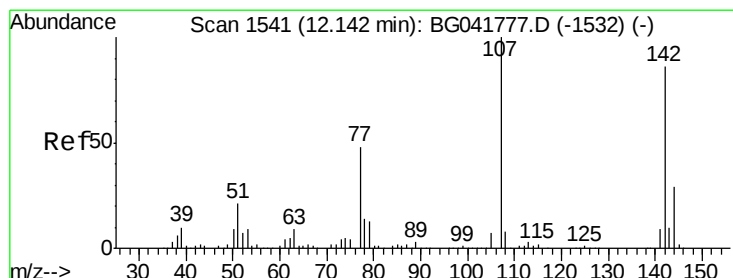
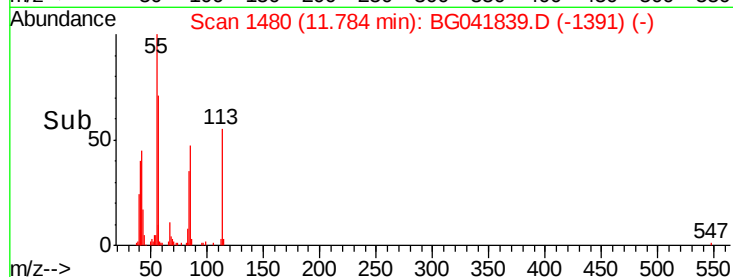
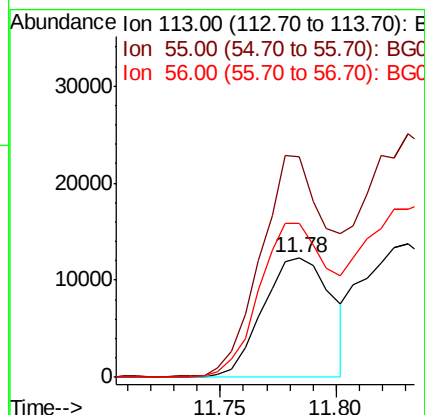
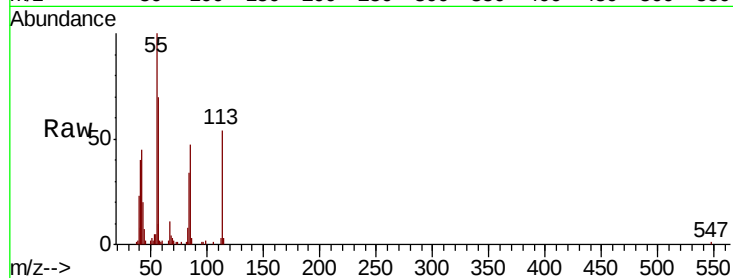




#35
 Caprolactam
 Concen: 31.084 ng
 RT: 11.78 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

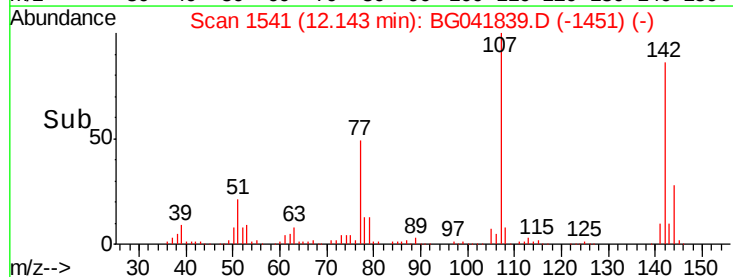
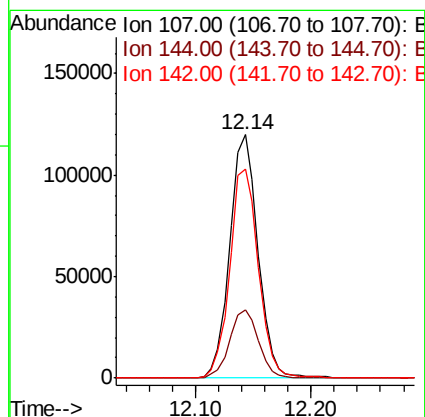
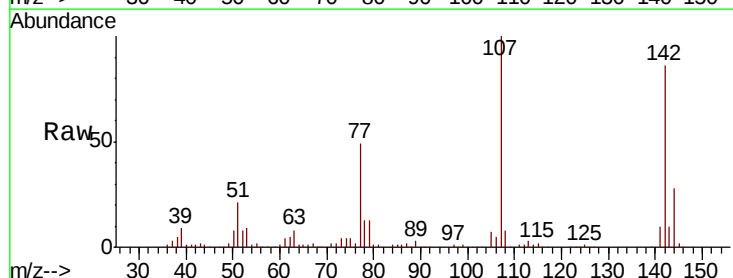
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-072919MSD

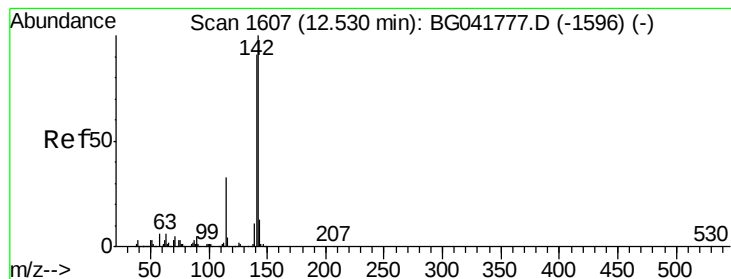
Tgt Ion:113 Resp: 25414
 Ion Ratio Lower Upper
 113 100
 55 184.5 199.4 239.4#
 56 129.2 133.6 173.6#



#36
 4-Chloro-3-methylphenol
 Concen: 86.997 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

Tgt Ion:107 Resp: 202909
 Ion Ratio Lower Upper
 107 100
 144 28.2 22.2 33.2
 142 86.0 67.3 100.9





#37

2-Methylnaphthalene

Concen: 58.666 ng

RT: 12.52 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

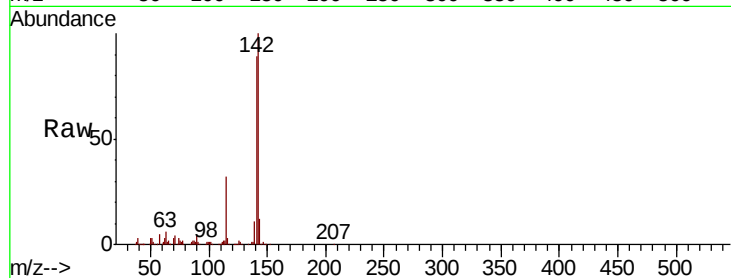
Tgt Ion:142 Resp: 327411

Ion Ratio Lower Upper

142 100

141 88.7 72.7 109.1

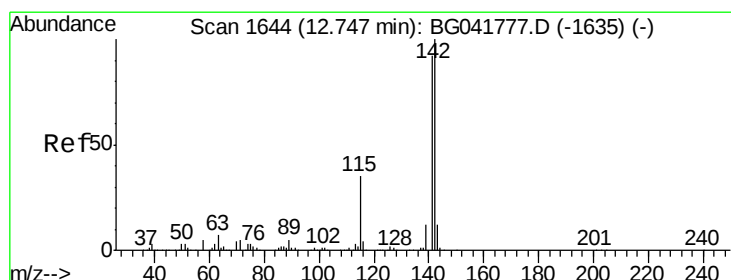
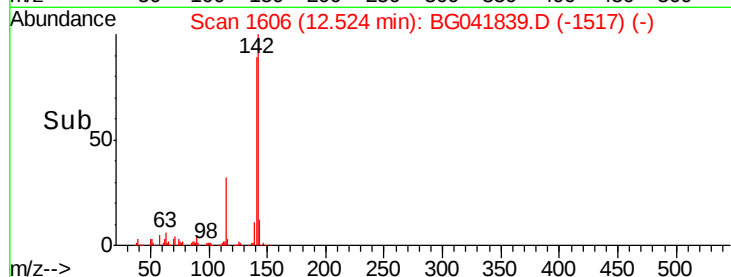
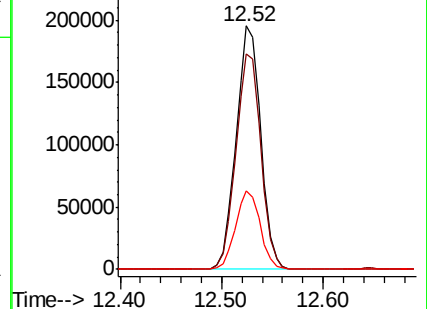
115 32.4 27.0 40.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 60.440 ng

RT: 12.75 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

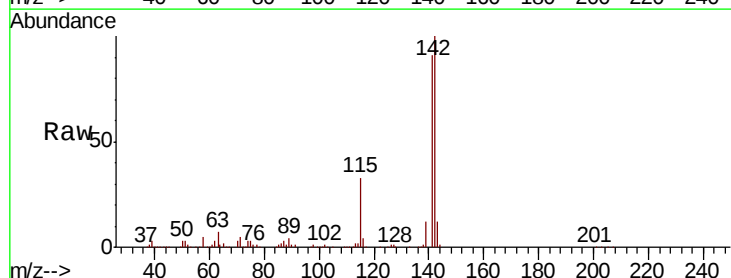
Tgt Ion:142 Resp: 319656

Ion Ratio Lower Upper

142 100

141 91.0 75.4 113.2

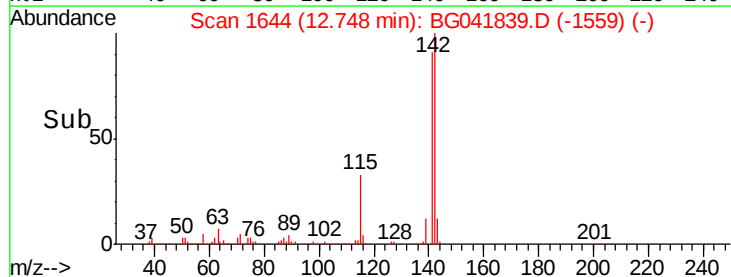
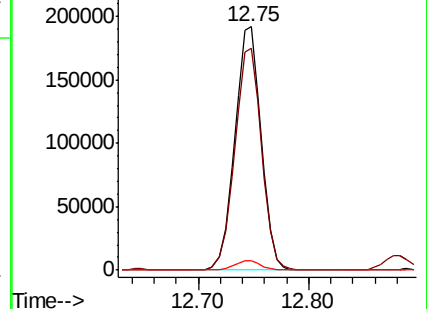
116 3.7 3.2 4.8

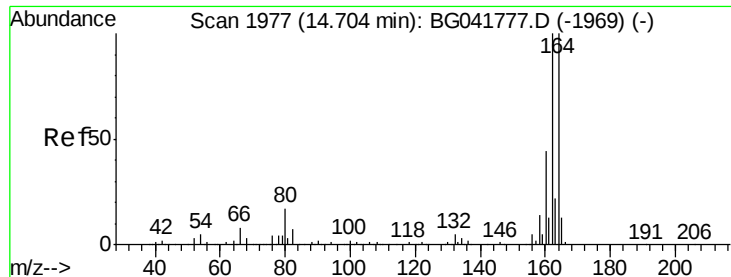


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

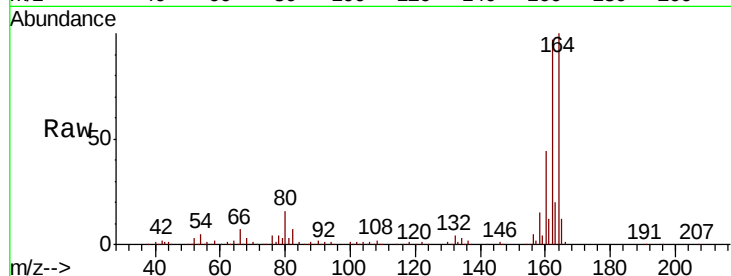
Tgt Ion:164 Resp: 175008

Ion Ratio Lower Upper

164 100

162 97.5 79.6 119.4

160 43.7 35.4 53.0

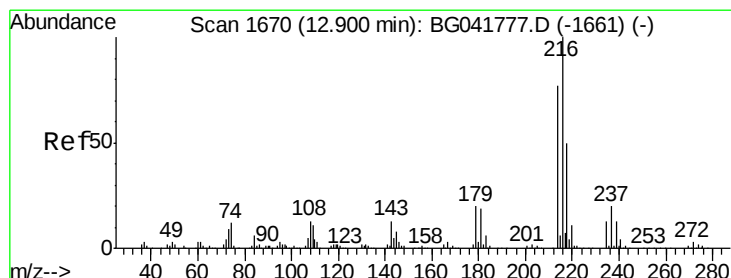
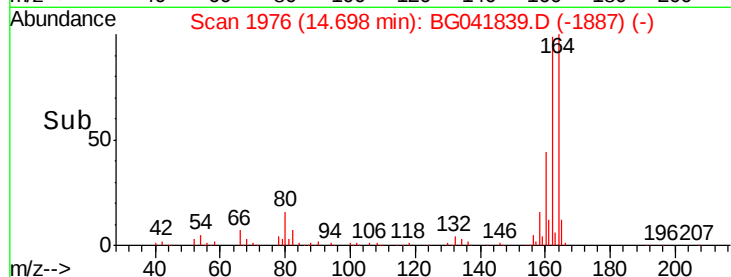
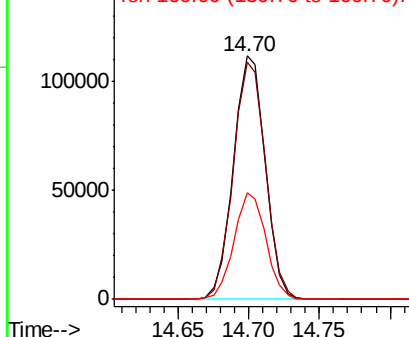


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.702 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Tgt Ion:216 Resp: 208858

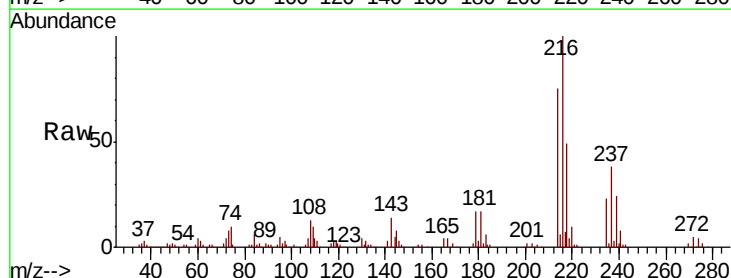
Ion Ratio Lower Upper

216 100

214 76.9 61.5 92.3

179 18.6 16.2 24.2

108 14.0 13.2 19.8



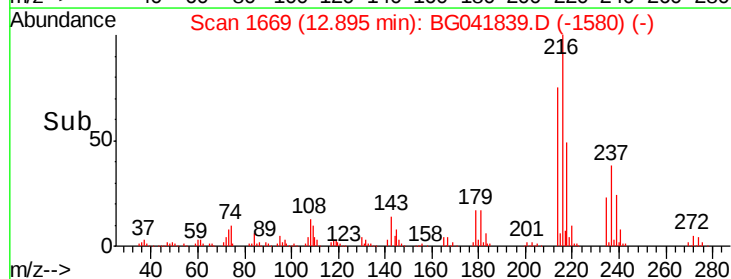
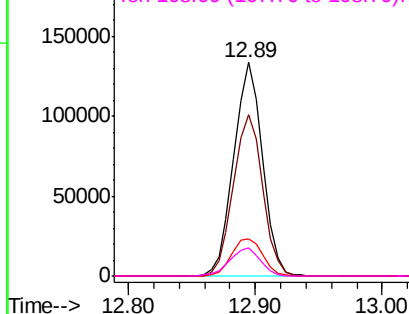
Abundance

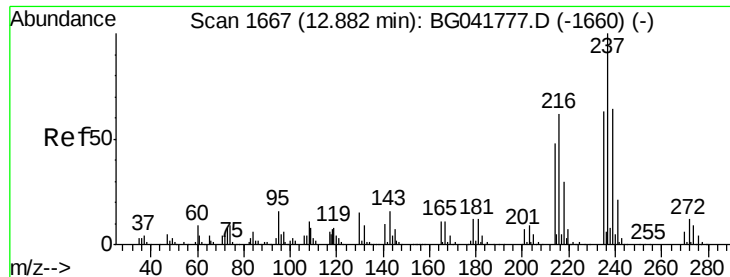
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 59.585 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

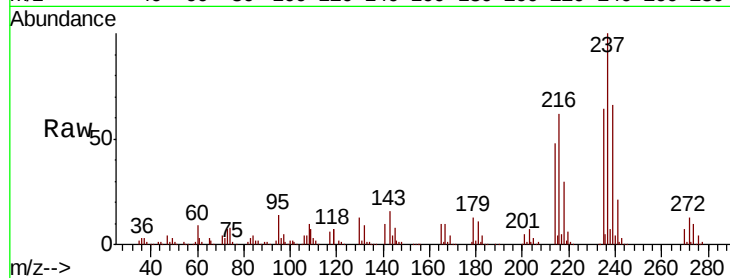
Tgt Ion: 237 Resp: 185583

Ion Ratio Lower Upper

237 100

235 64.0 43.5 83.5

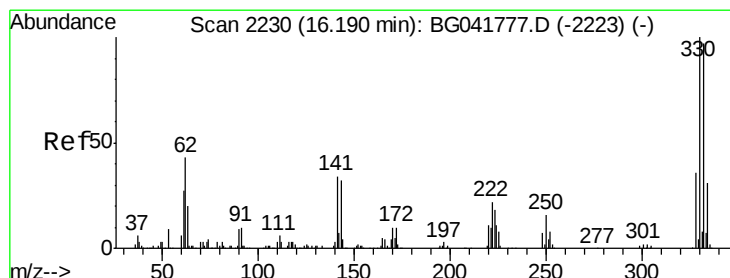
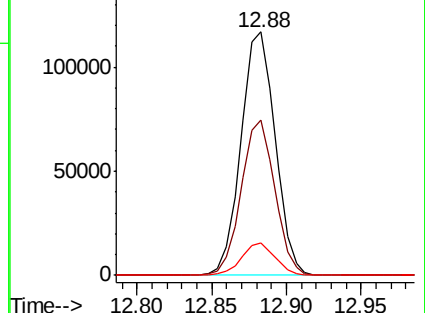
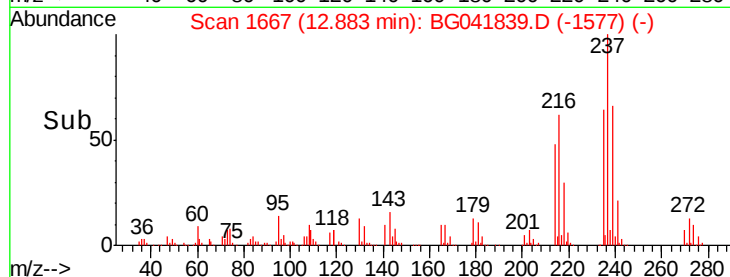
272 13.2 0.0 31.2



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: 240.273 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

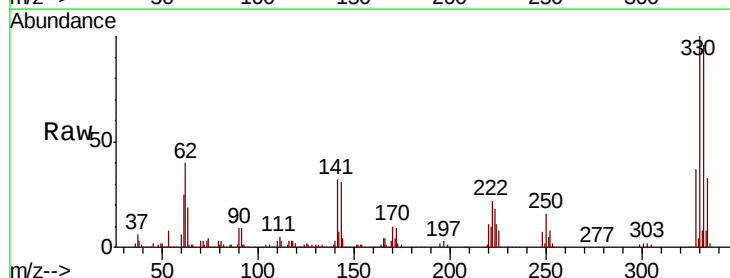
Tgt Ion: 330 Resp: 477626

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.0

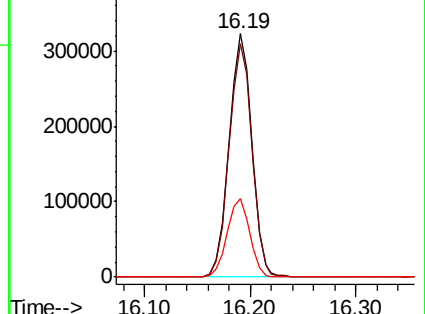
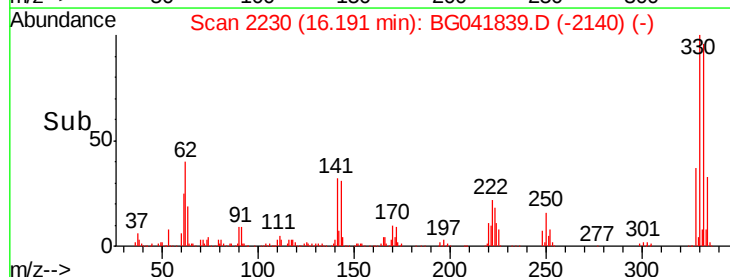
141 32.5 31.9 47.9



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

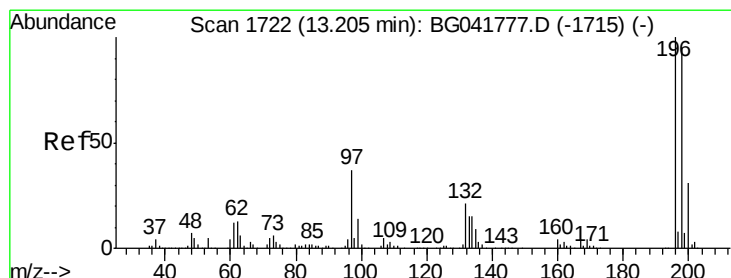
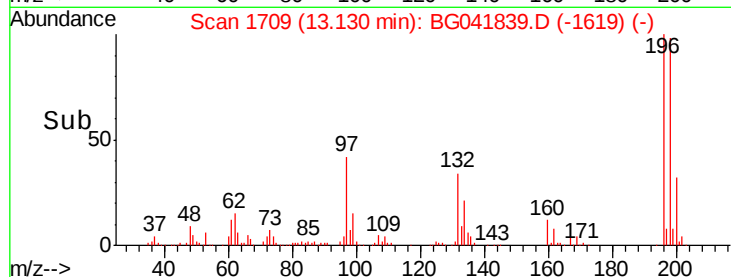
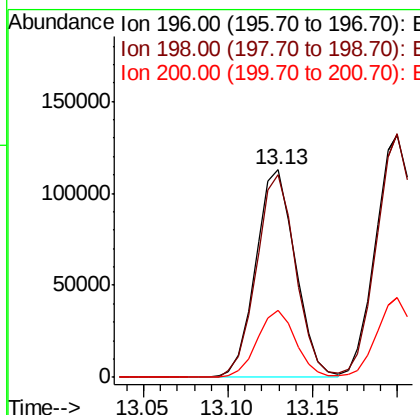
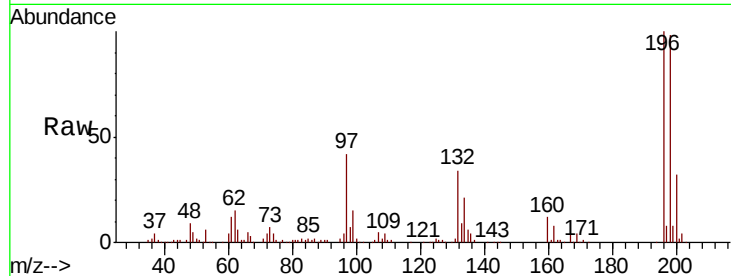




#43
 2,4,6-Trichlorophenol
 Concen: 52.378 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

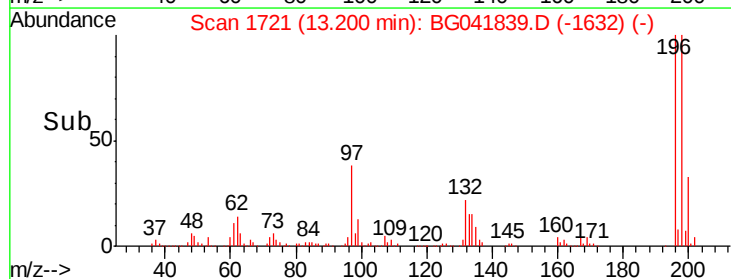
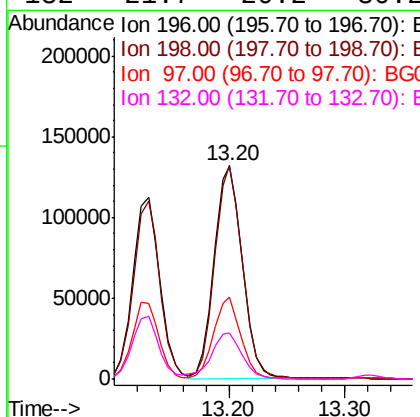
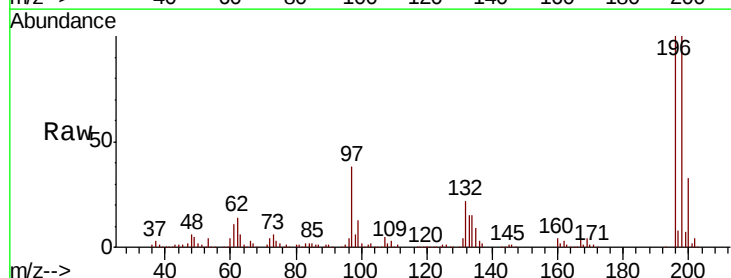
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-072919MSD

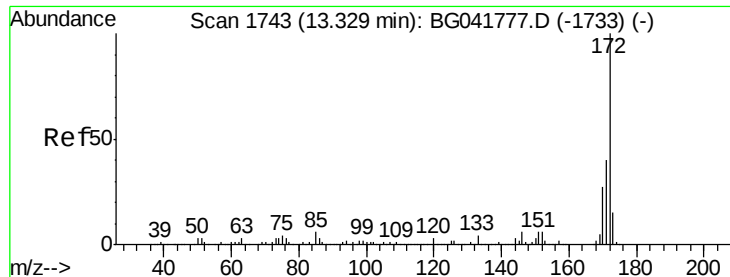
Tgt Ion:196 Resp: 183392
 Ion Ratio Lower Upper
 196 100
 198 98.0 79.6 119.4
 200 32.1 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 61.209 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

Tgt Ion:196 Resp: 222712
 Ion Ratio Lower Upper
 196 100
 198 100.4 80.6 121.0
 97 38.4 33.9 50.9
 132 21.7 20.2 30.2

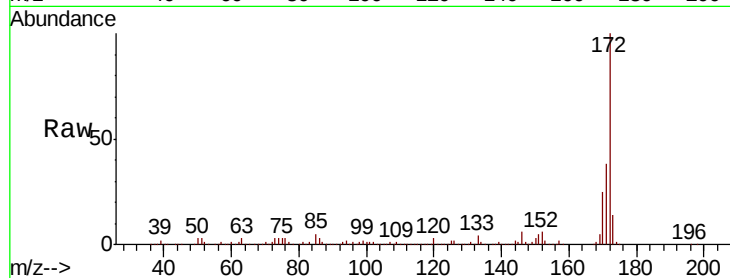




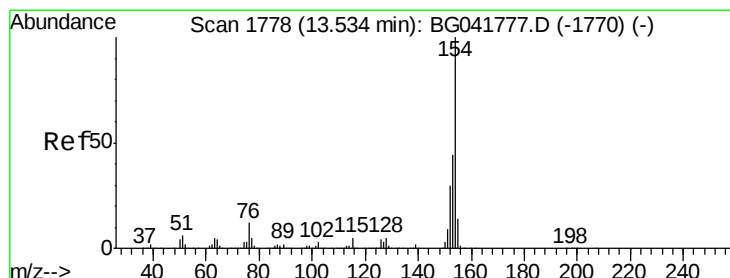
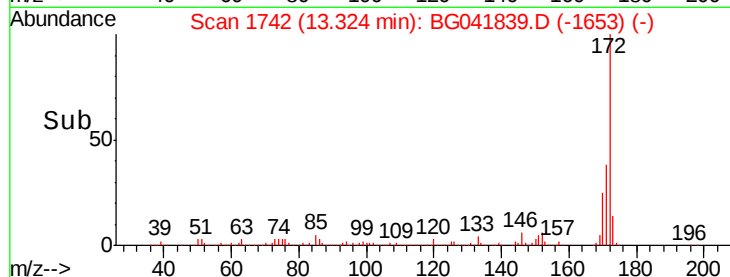
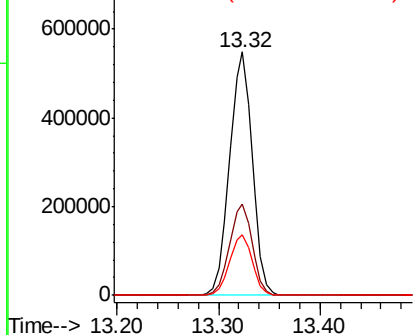
#45
 2-Fluorobiphenyl
 Concen: 85.665 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-072919MSD

Tgt Ion:172 Resp: 850027
 Ion Ratio Lower Upper
 172 100
 171 37.8 35.0 52.4
 170 25.0 23.5 35.3

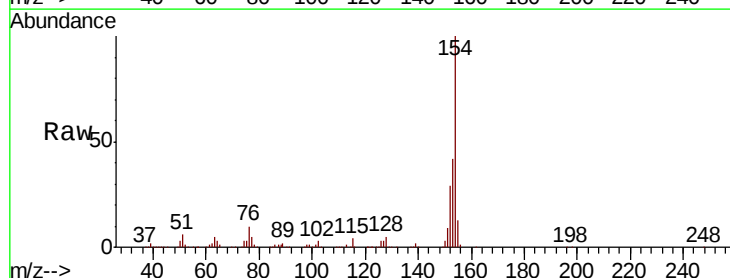


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

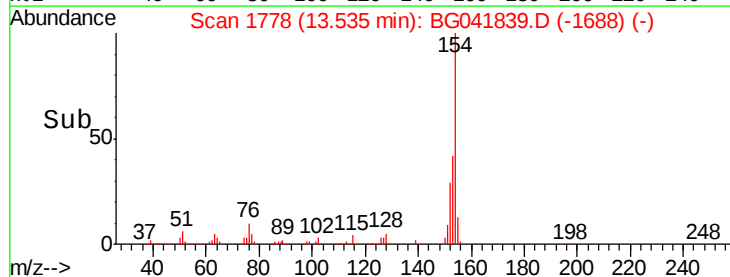
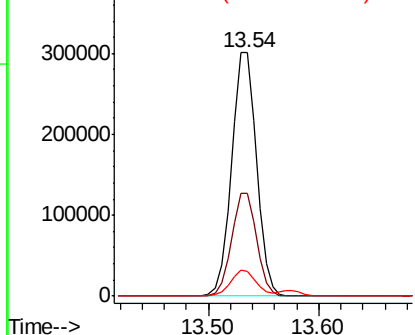


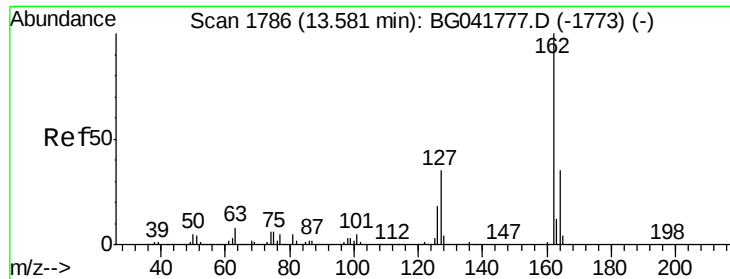
#46
 1,1'-Biphenyl
 Concen: 42.516 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

Tgt Ion:154 Resp: 478304
 Ion Ratio Lower Upper
 154 100
 153 42.3 25.0 65.0
 76 10.3 0.0 34.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

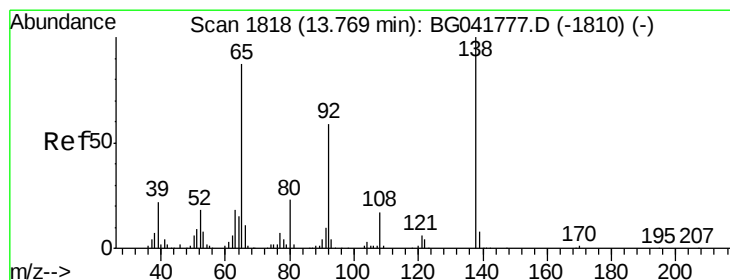
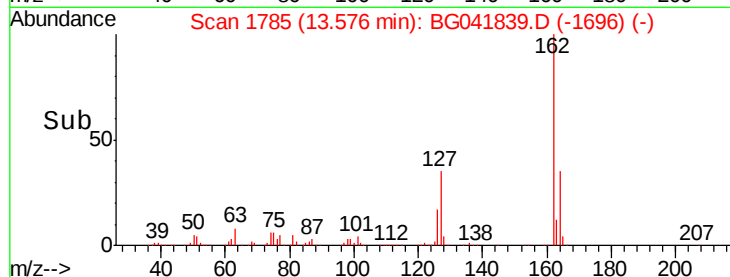
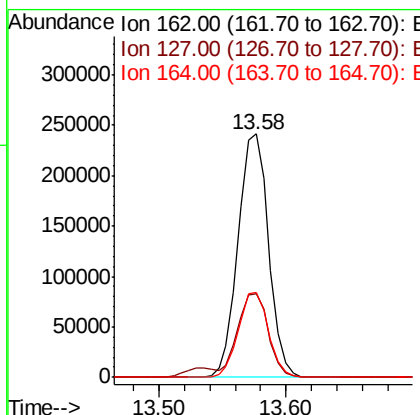
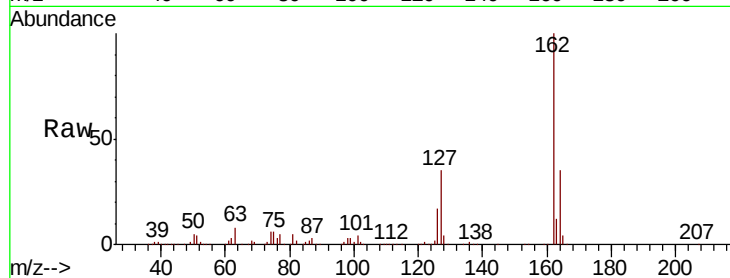




#47
2-Chloronaphthalene
Concen: 41.987 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG041839.D
Acq: 31 Jul 2019 18:50

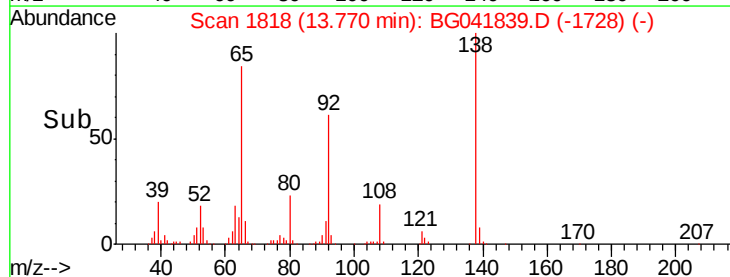
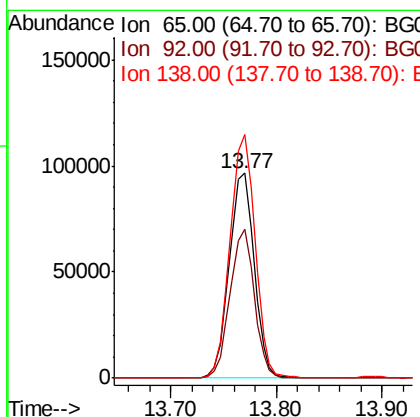
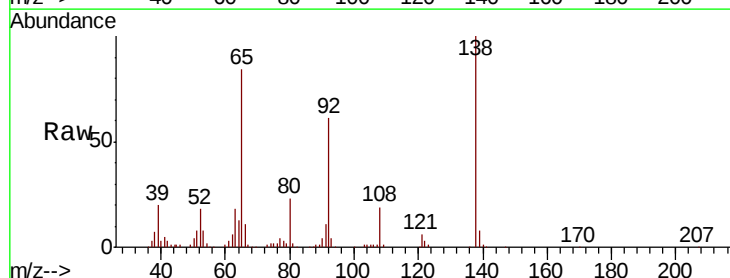
Instrument :
BNA_G
ClientSampleId :
OK-01-072919MSD

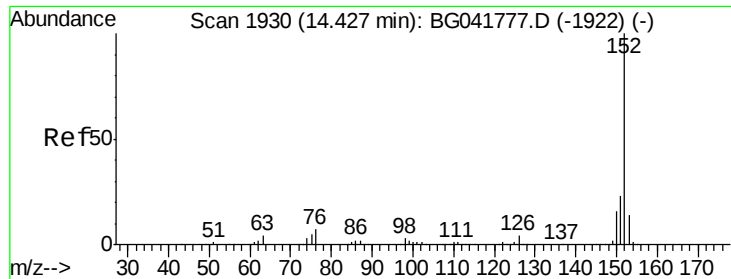
Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.5	30.4	45.6
164	35.0	28.6	42.8



#48
2-Nitroaniline
Concen: 65.169 ng
RT: 13.77 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG041839.D
Acq: 31 Jul 2019 18:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	53.9	80.9
138	118.7	83.5	125.3





#49

Acenaphthylene

Concen: 51.033 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

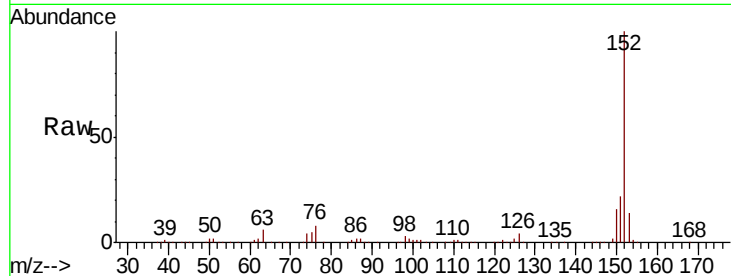
Tgt Ion:152 Resp: 731178

Ion Ratio Lower Upper

152 100

151 22.1 18.7 28.1

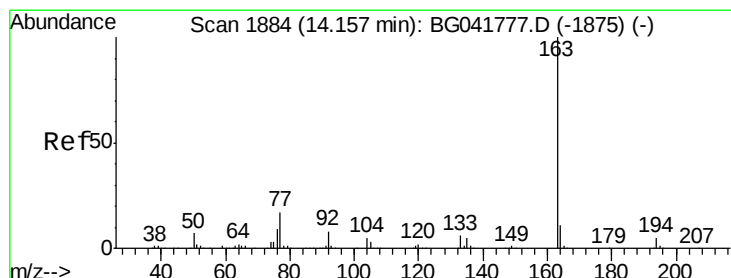
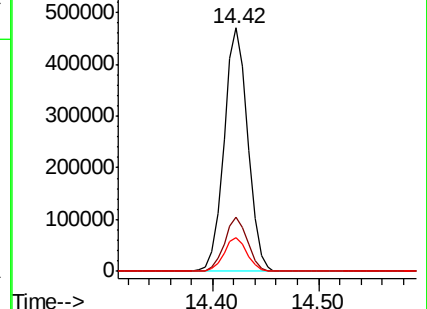
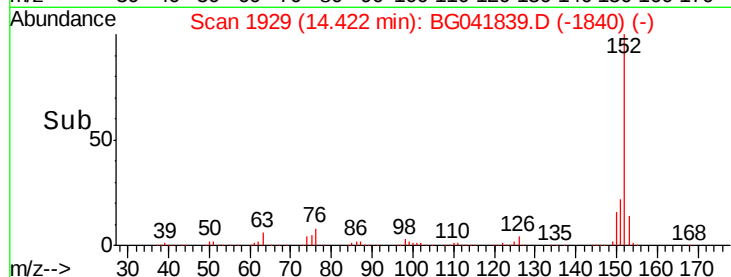
153 14.0 12.4 18.6



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: 58.793 ng

RT: 14.15 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

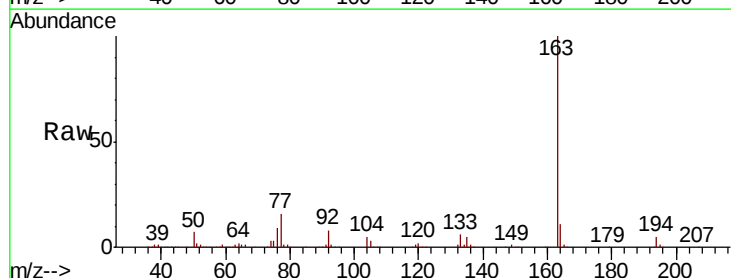
Tgt Ion:163 Resp: 702706

Ion Ratio Lower Upper

163 100

194 5.4 4.2 6.2

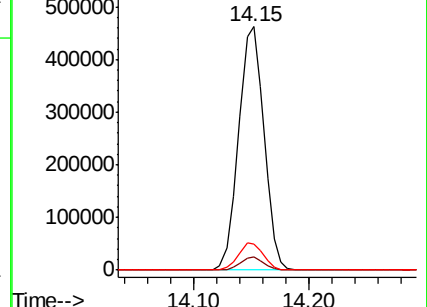
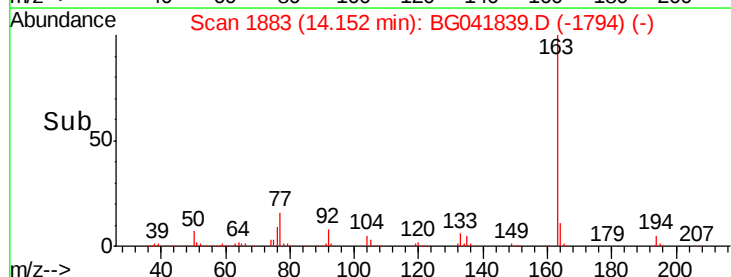
164 10.7 9.4 14.2

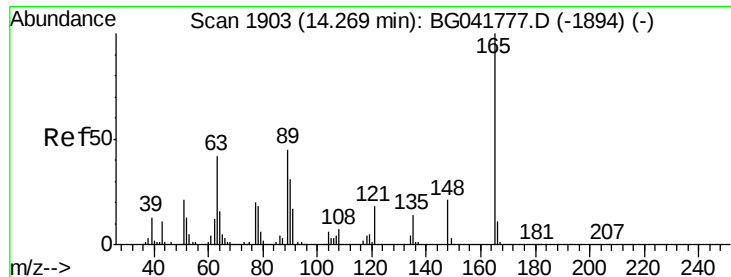


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 69.263 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

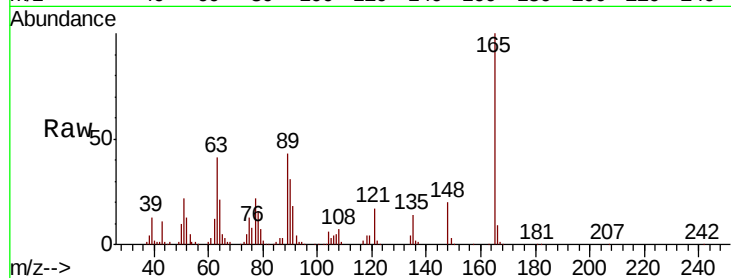
Tgt Ion:165 Resp: 173106

Ion Ratio Lower Upper

165 100

63 40.8 42.4 63.6#

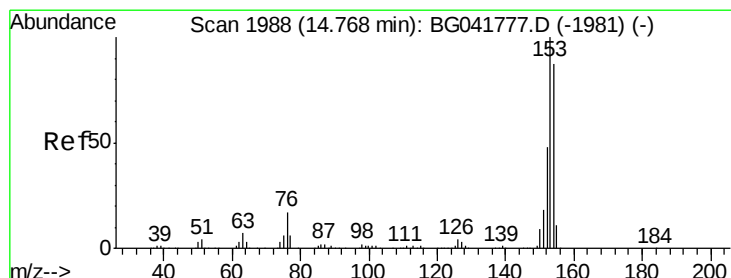
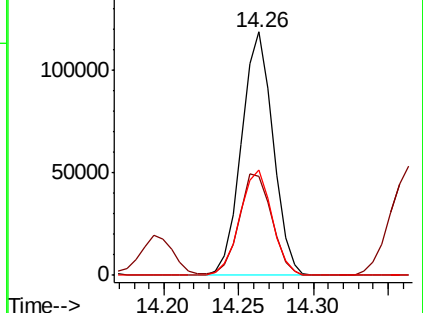
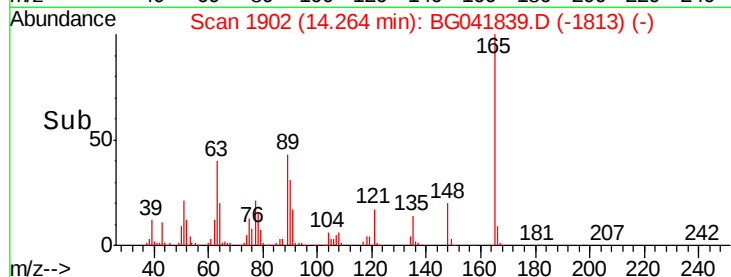
89 43.1 42.1 63.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 52.293 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

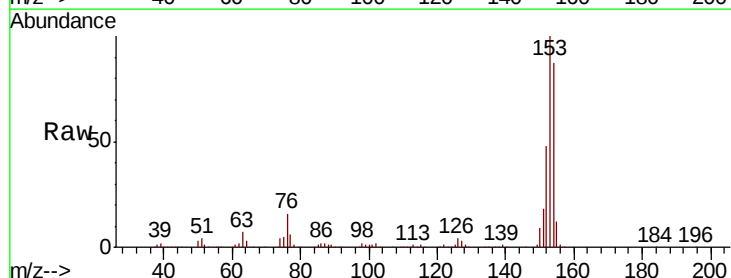
Tgt Ion:154 Resp: 487289

Ion Ratio Lower Upper

154 100

153 115.2 89.8 134.6

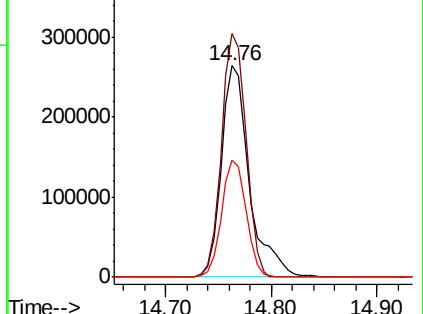
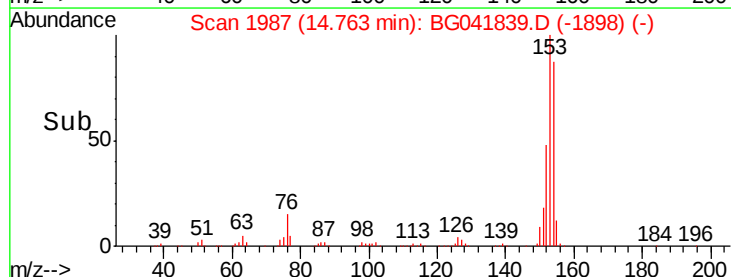
152 55.0 44.9 67.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.783 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

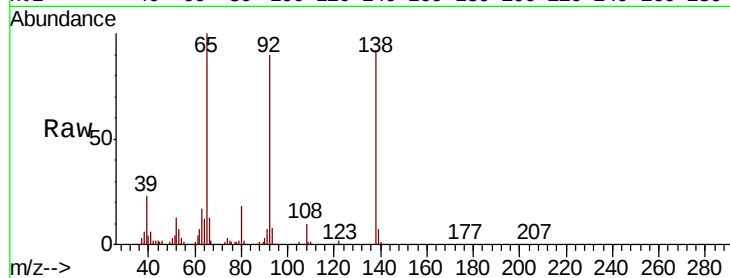
Tgt Ion:138 Resp: 76959

Ion Ratio Lower Upper

138 100

108 10.5 10.3 15.5

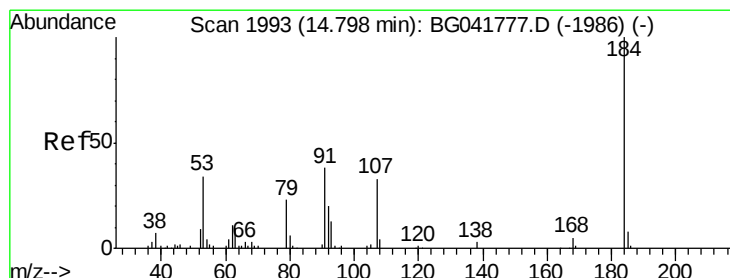
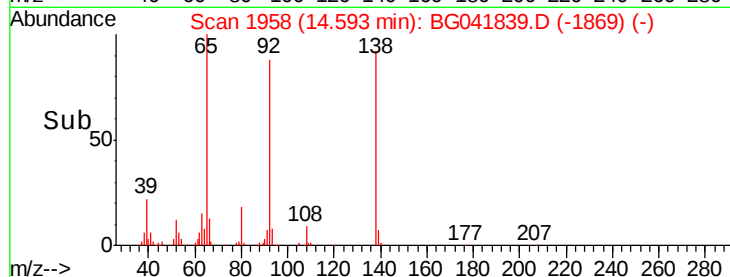
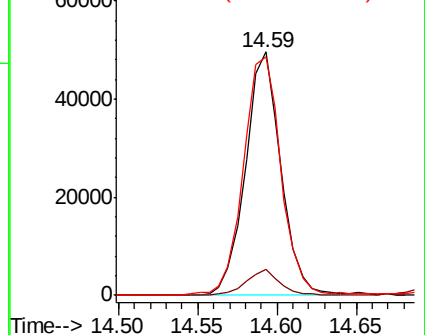
92 98.2 93.0 139.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

2,4-Dinitrophenol

Concen: 79.426 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

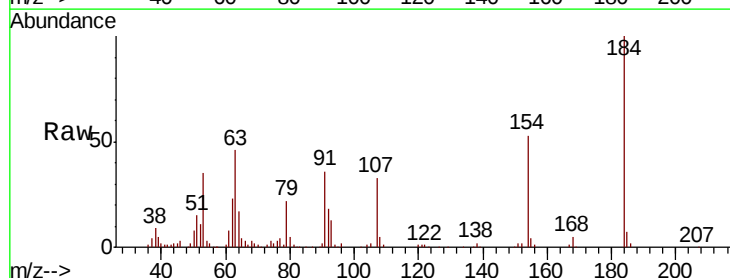
Tgt Ion:184 Resp: 120111

Ion Ratio Lower Upper

184 100

63 45.9 43.2 64.8

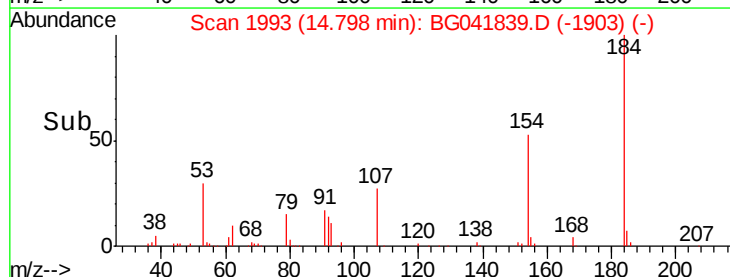
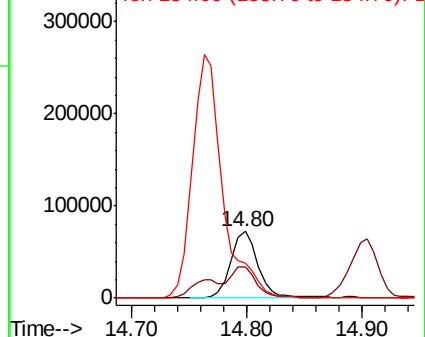
154 53.3 51.4 77.2

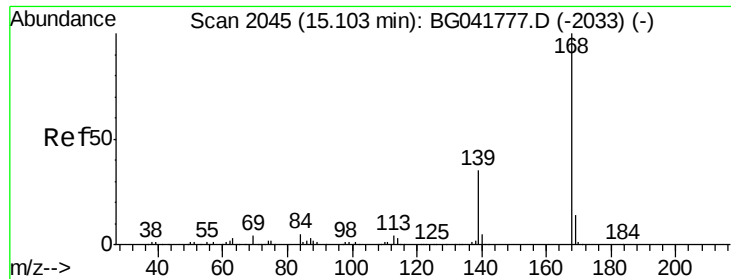


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

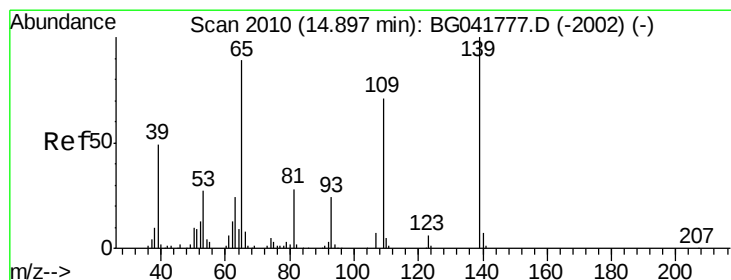
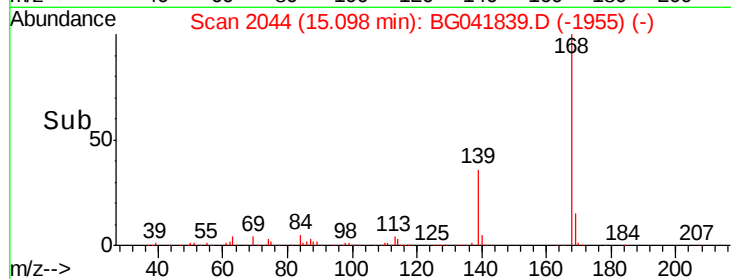
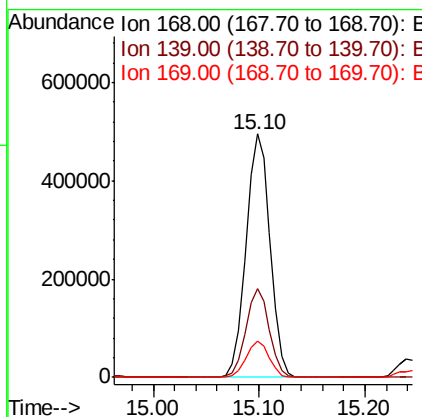
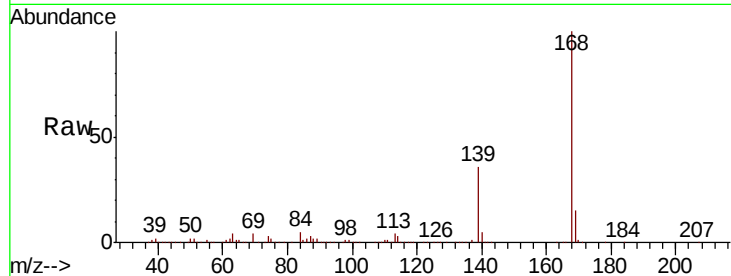




#55
Dibenzenofuran
Concen: 54.443 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG041839.D
Acq: 31 Jul 2019 18:50

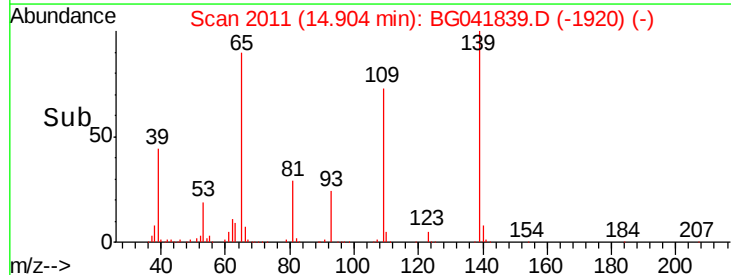
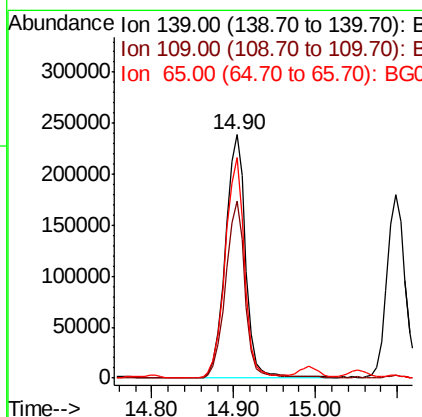
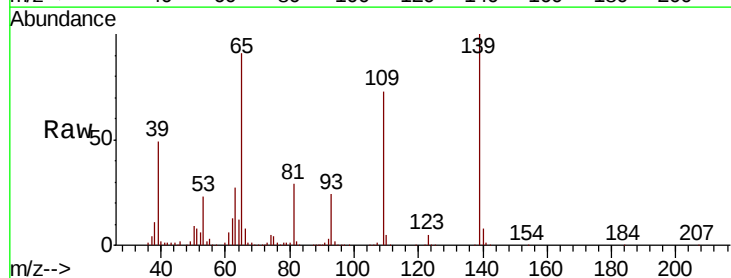
Instrument :
BNA_G
ClientSampleId :
OK-01-072919MSD

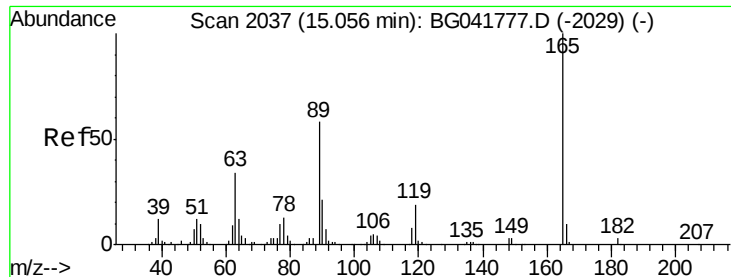
Tgt Ion:168 Resp: 775977
Ion Ratio Lower Upper
168 100
139 36.3 31.9 47.9
169 14.9 12.5 18.7



#56
4-Nitrophenol
Concen: 202.814 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG041839.D
Acq: 31 Jul 2019 18:50

Tgt Ion:139 Resp: 411623
Ion Ratio Lower Upper
139 100
109 72.8 51.3 91.3
65 90.6 77.6 117.6

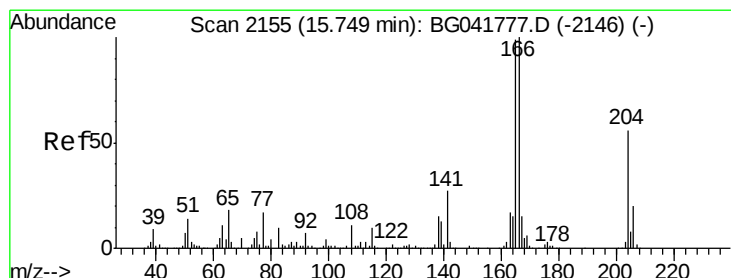
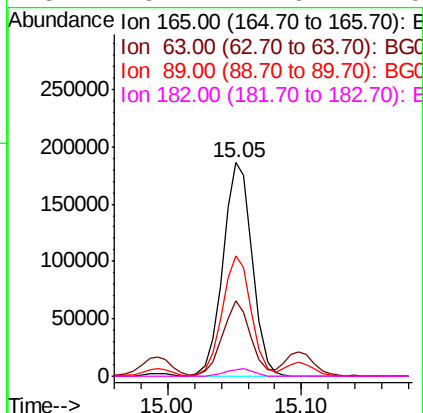
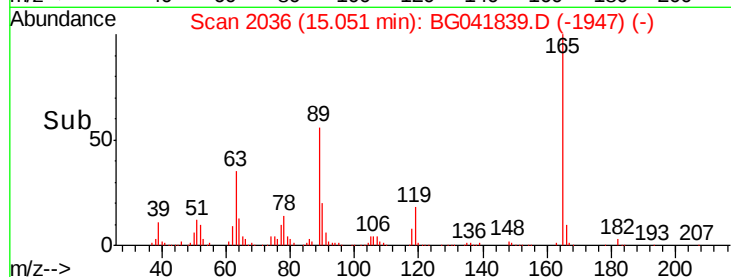
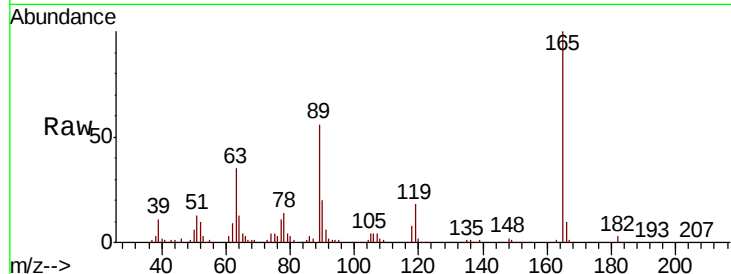




#57
 2,4-Dinitrotoluene
 Concen: 82.691 ng
 RT: 15.05 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

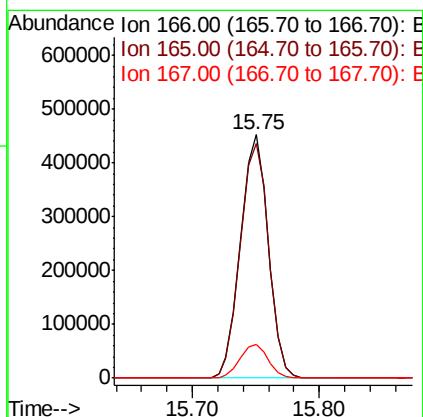
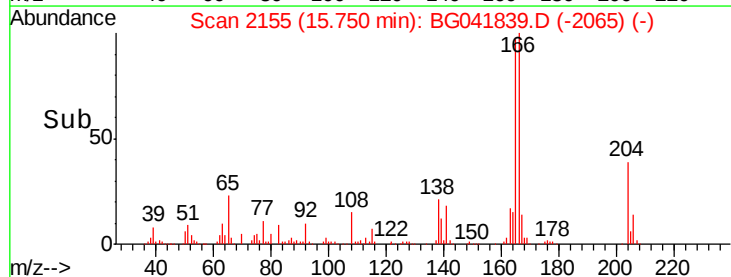
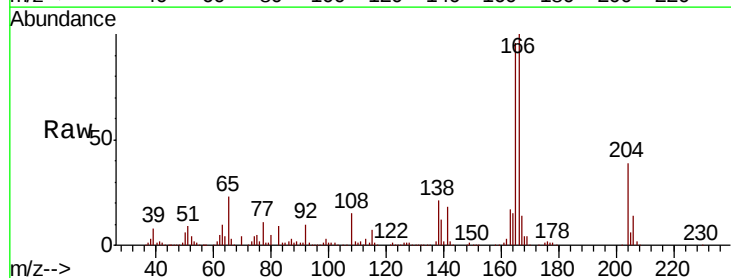
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-072919MSD

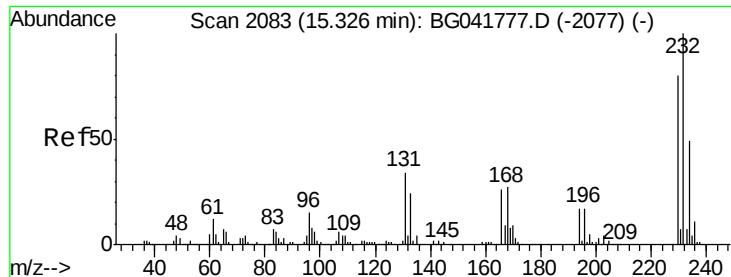
Tgt Ion:165 Resp: 284210
 Ion Ratio Lower Upper
 165 100
 63 35.2 31.7 47.5
 89 56.3 50.2 75.4
 182 3.1 2.6 4.0



#58
 Fluorene
 Concen: 60.079 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

Tgt Ion:166 Resp: 687201
 Ion Ratio Lower Upper
 166 100
 165 96.3 80.5 120.7
 167 13.8 12.4 18.6

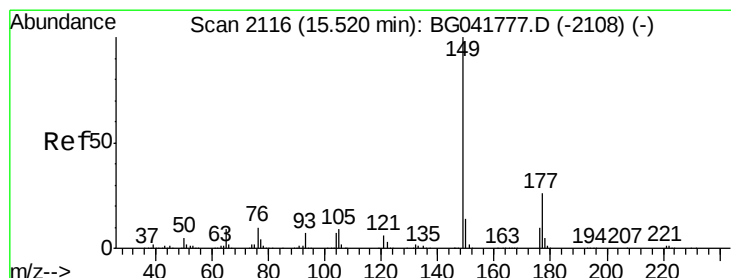
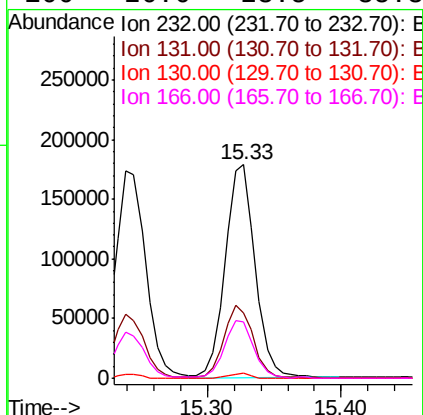
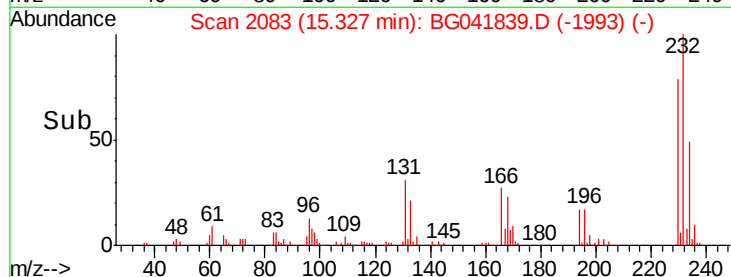
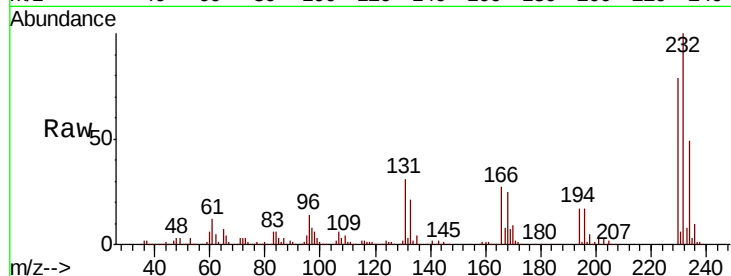




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 77.404 ng
 RT: 15.33 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

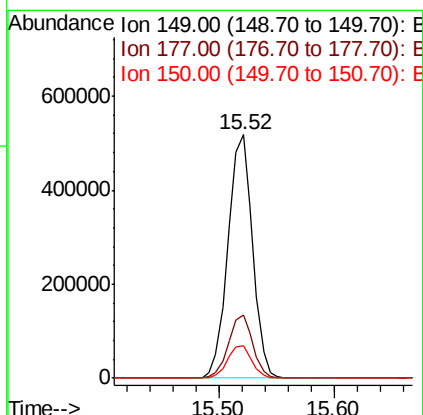
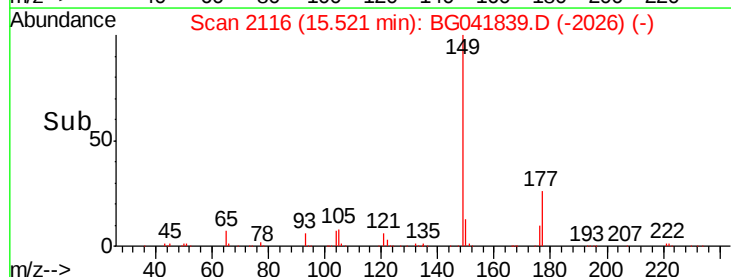
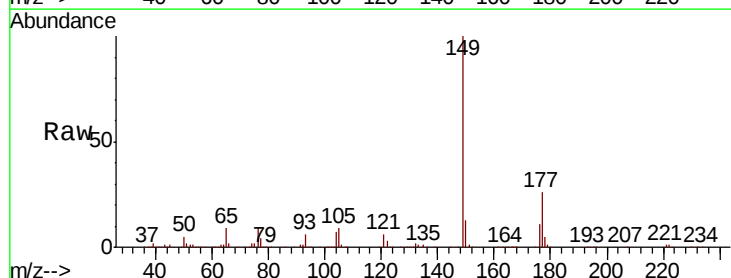
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-072919MSD

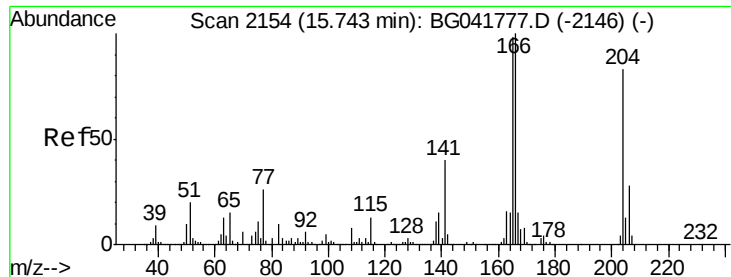
Tgt Ion:	232	Resp:	278940
Ion	Ratio	Lower	Upper
232	100		
131	33.8	31.8	47.6
130	1.8	1.8	2.8#
166	26.6	23.5	35.3



#60
 Diethylphthalate
 Concen: 64.697 ng
 RT: 15.52 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

Tgt Ion:	149	Resp:	759182
Ion	Ratio	Lower	Upper
149	100		
177	26.0	20.7	31.1
150	13.5	11.5	17.3

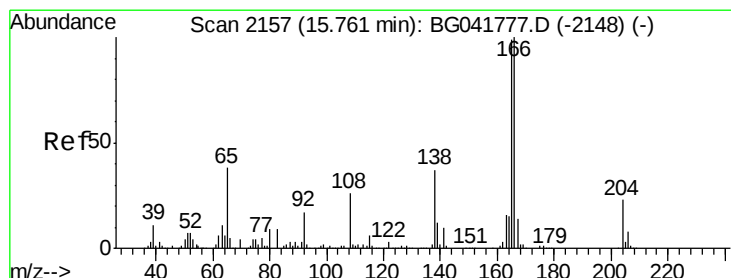
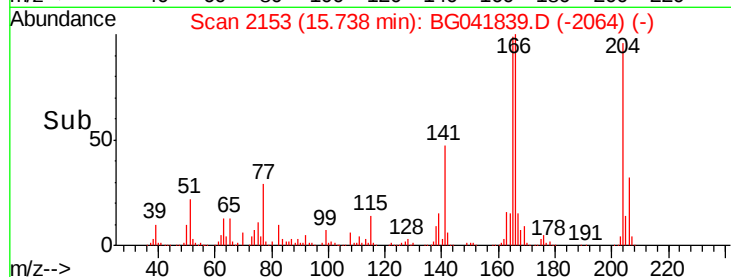
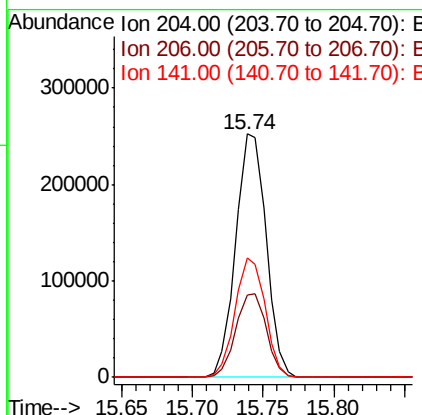
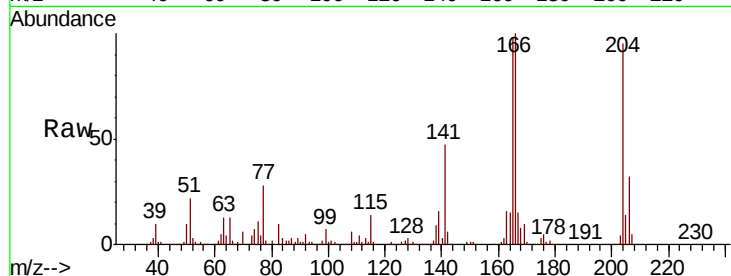




#61
 4-Chlorophenyl-phenylether
 Concen: 54.596 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

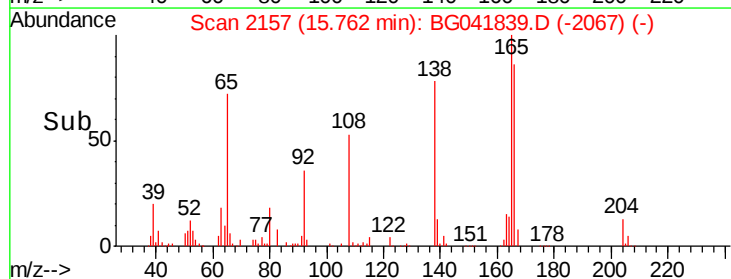
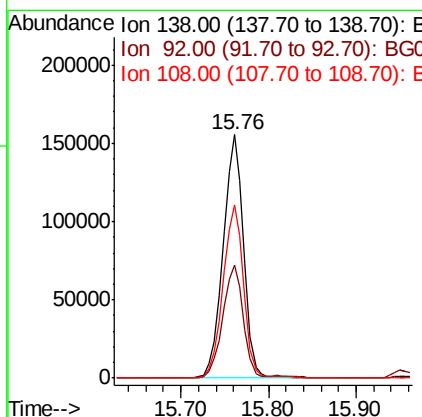
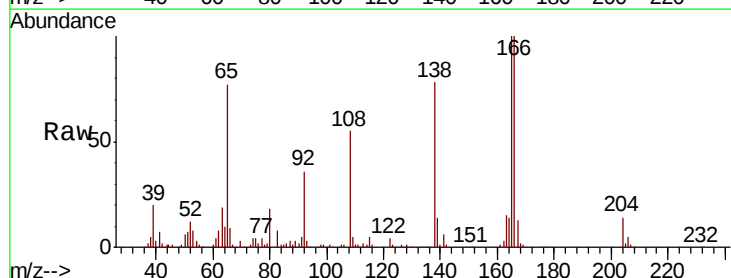
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-072919MSD

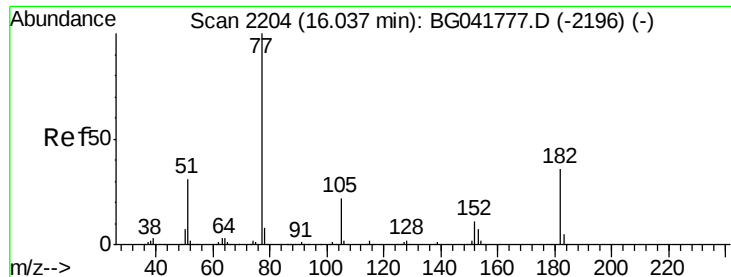
Tgt Ion: 204 Resp: 381239
 Ion Ratio Lower Upper
 204 100
 206 33.8 28.6 42.8
 141 49.1 42.9 64.3



#62
 4-Nitroaniline
 Concen: 86.819 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

Tgt Ion: 138 Resp: 251431
 Ion Ratio Lower Upper
 138 100
 92 46.3 29.8 69.8
 108 71.2 52.2 92.2

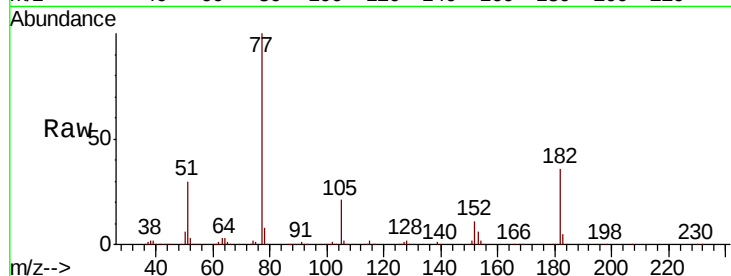




#63
Azobenzene
Concen: 59.474 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG041839.D
Acq: 31 Jul 2019 18:50

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	36.2	13.2	53.2
105	20.7	2.2	42.2
51	30.4	14.6	54.6



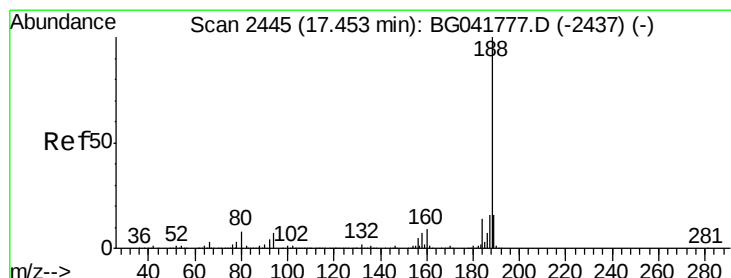
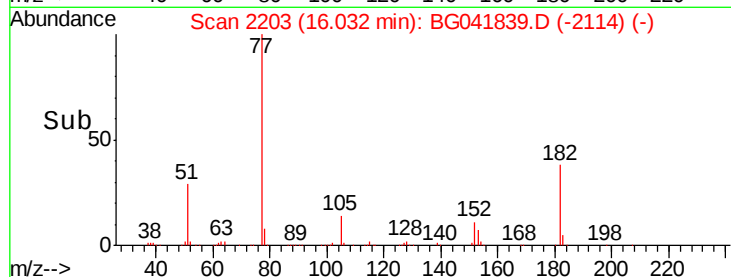
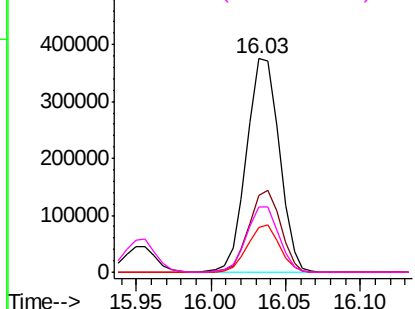
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

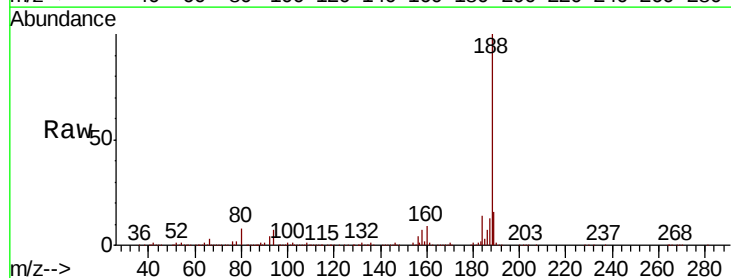
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG041839.D
Acq: 31 Jul 2019 18:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	7.5	8.0	12.0

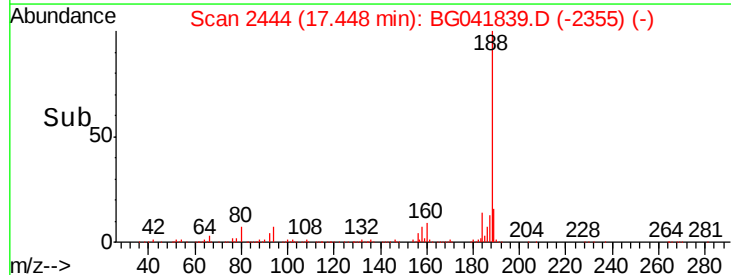
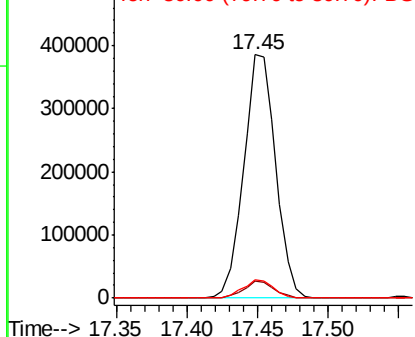


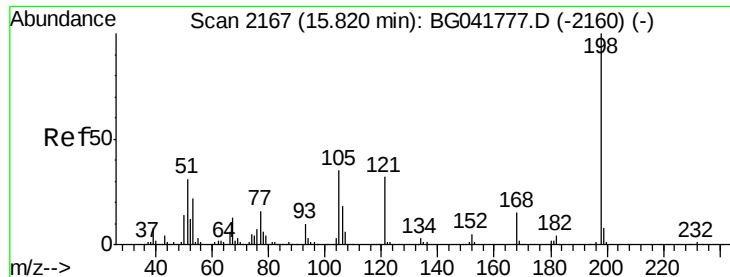
Abundance

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: 46.314 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

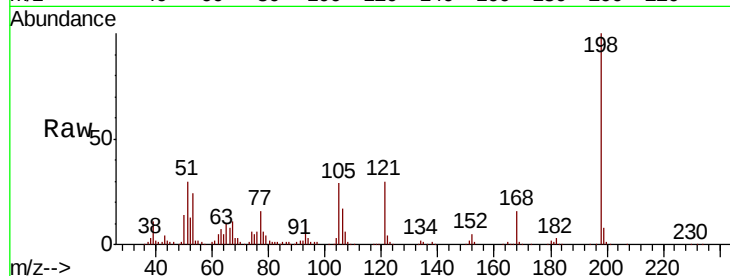
Tgt Ion:198 Resp: 137327

Ion Ratio Lower Upper

198 100

51 29.7 22.3 62.3

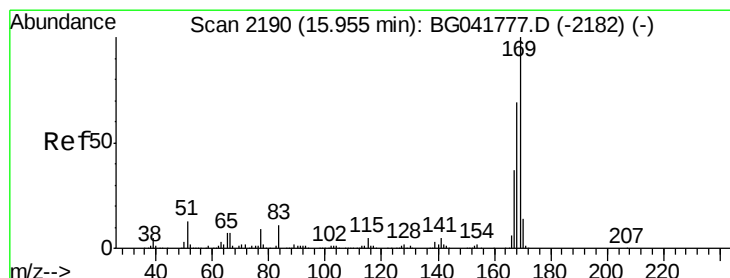
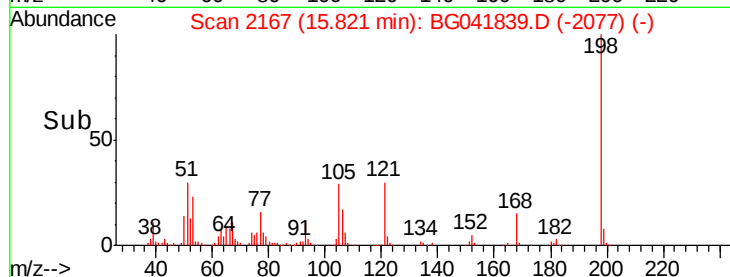
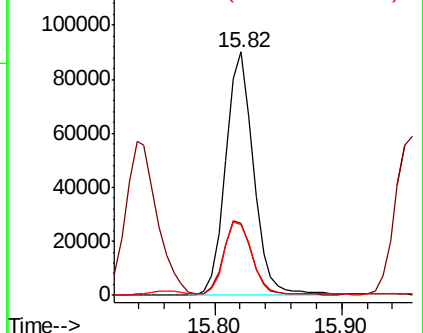
105 29.2 18.0 58.0



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: 42.971 ng

RT: 15.96 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

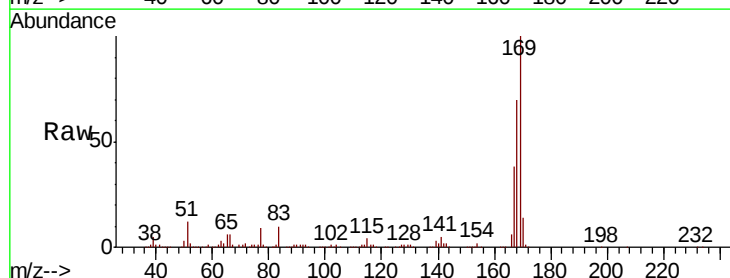
Tgt Ion:169 Resp: 713457

Ion Ratio Lower Upper

169 100

168 70.2 56.9 85.3

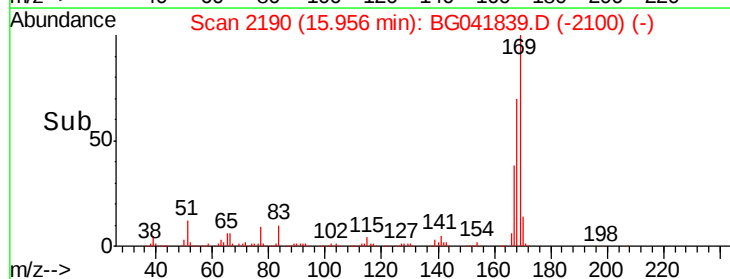
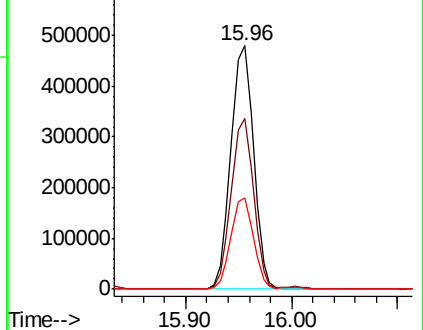
167 37.8 31.5 47.3

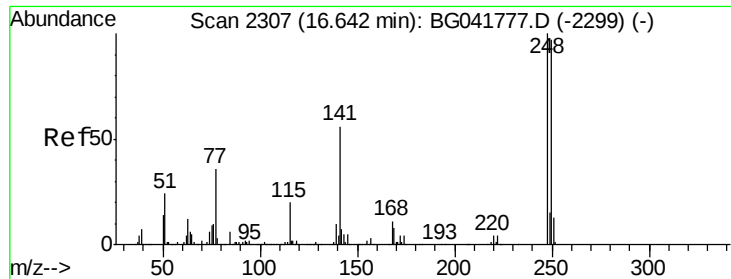


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

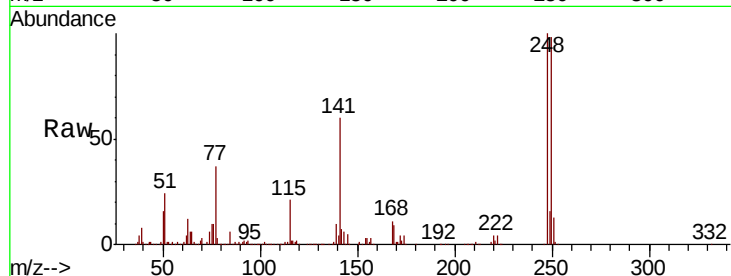




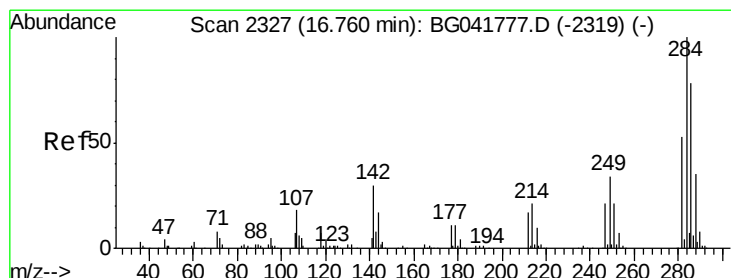
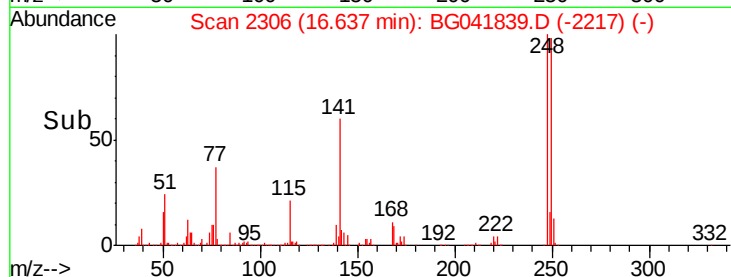
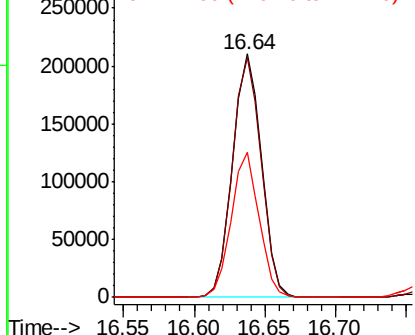
#67
4-Bromophenyl-phenylether
Concen: 40.096 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BG041839.D
Acq: 31 Jul 2019 18:50

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MSD

Tgt Ion:248 Resp: 301050
Ion Ratio Lower Upper
248 100
250 98.2 78.1 117.1
141 59.6 49.6 74.4

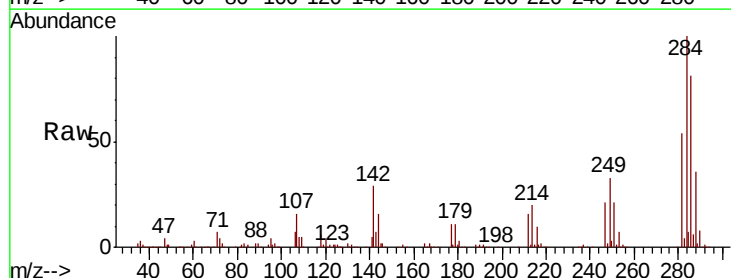


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

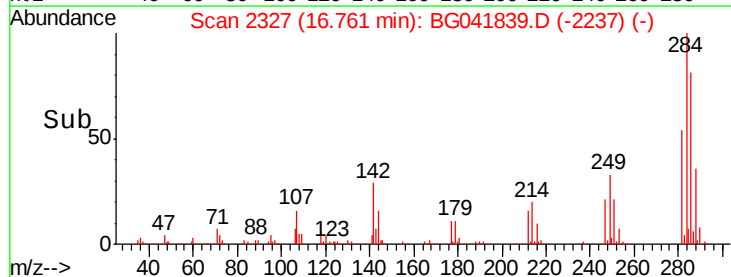
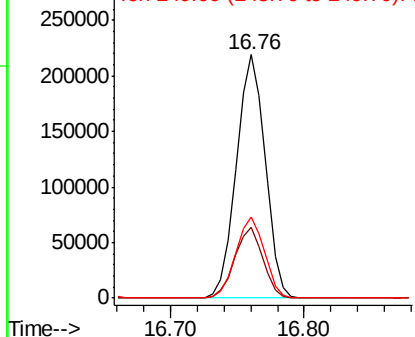


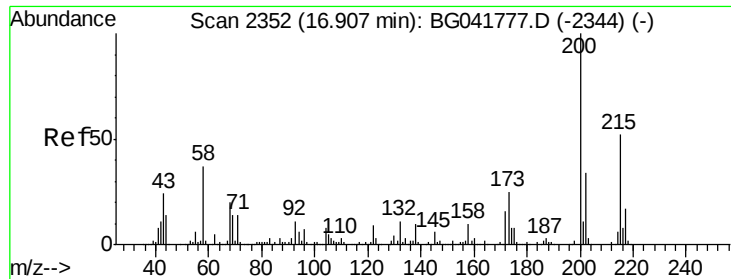
#68
Hexachlorobenzene
Concen: 41.587 ng
RT: 16.76 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG041839.D
Acq: 31 Jul 2019 18:50

Tgt Ion:284 Resp: 326661
Ion Ratio Lower Upper
284 100
142 28.9 27.0 40.6
249 33.4 28.4 42.6



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: 56.694 ng

RT: 16.90 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

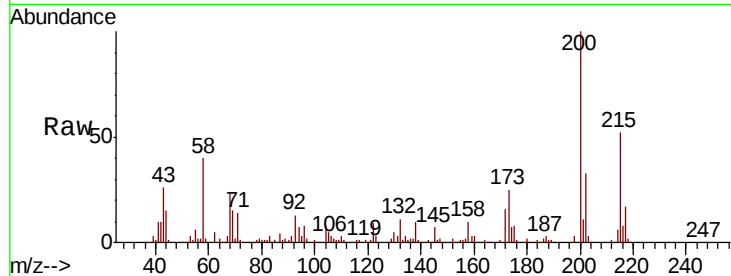
Tgt Ion:200 Resp: 369837

Ion Ratio Lower Upper

200 100

173 24.9 5.3 45.3

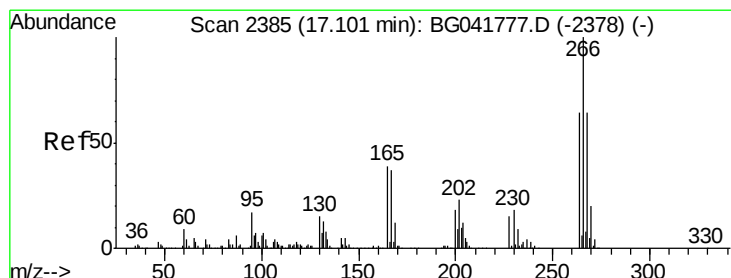
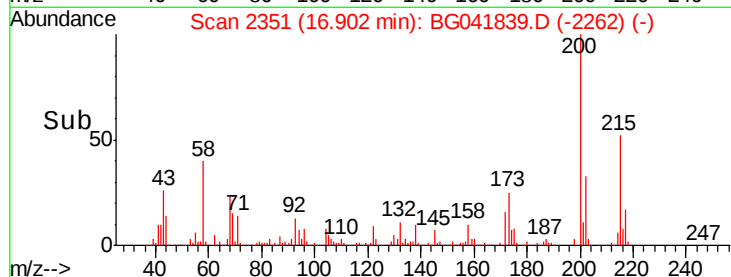
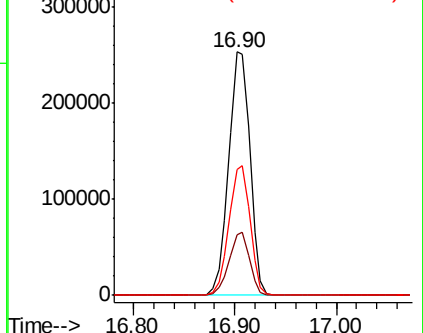
215 51.9 31.8 71.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 83.065 ng

RT: 17.10 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

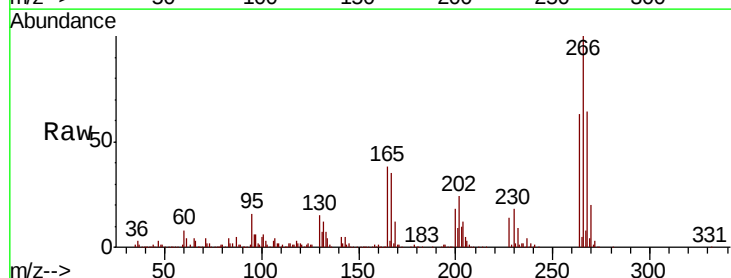
Tgt Ion:266 Resp: 370652

Ion Ratio Lower Upper

266 100

268 64.0 52.9 79.3

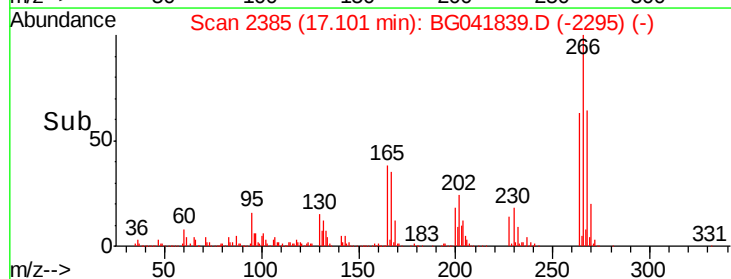
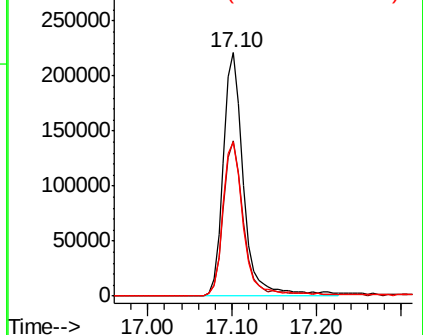
264 63.3 51.4 77.2

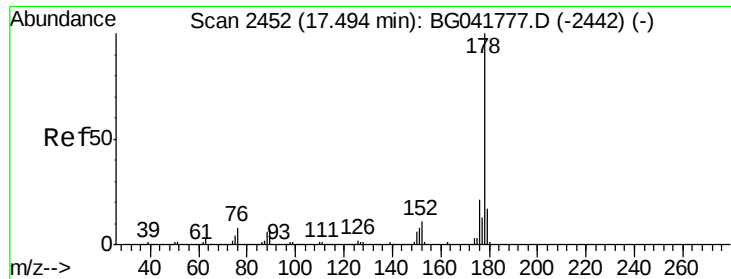


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

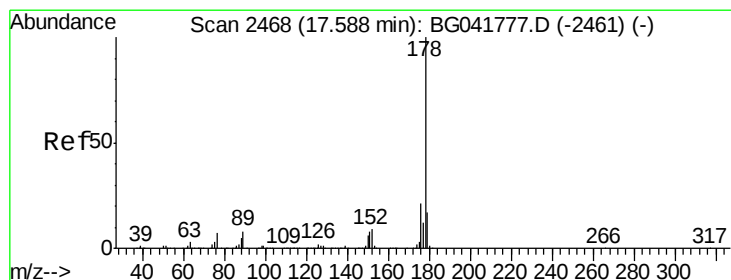
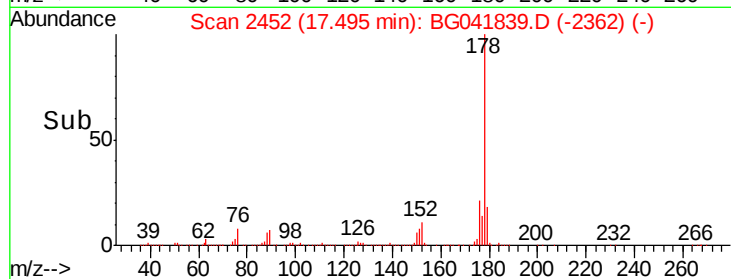
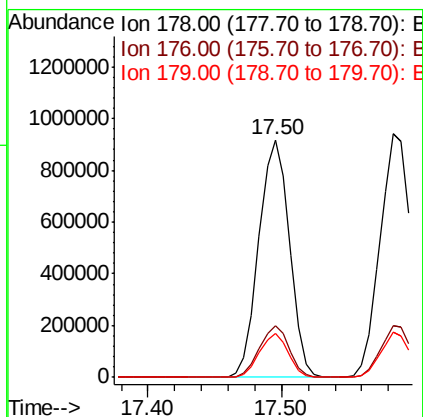
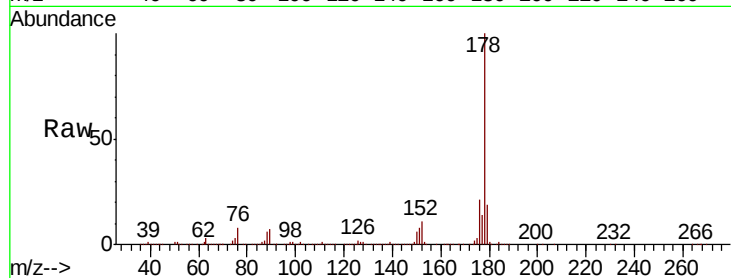




#71
Phenanthrene
Concen: 49.844 ng
RT: 17.50 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG041839.D
Acq: 31 Jul 2019 18:50

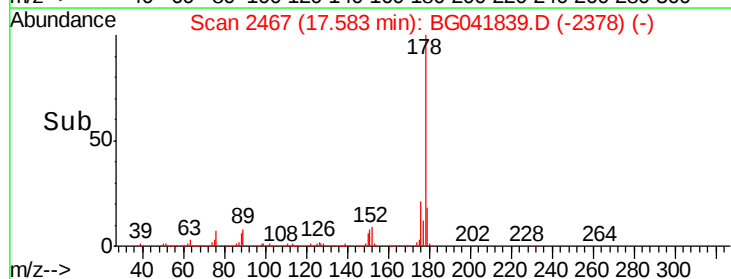
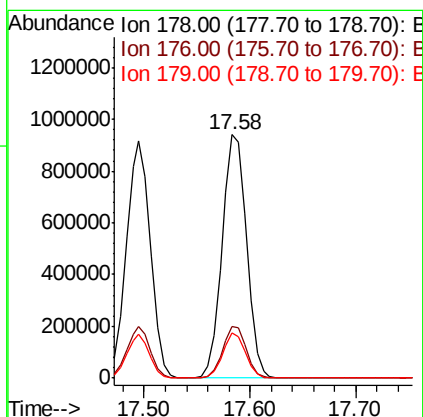
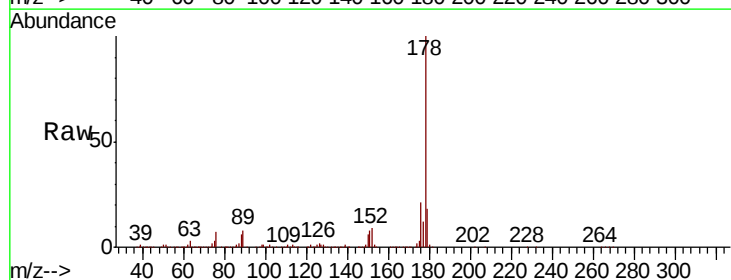
Instrument :
BNA_G
ClientSampleId :
OK-01-072919MSD

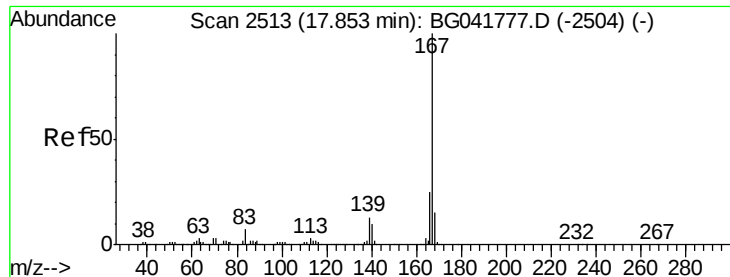
Tgt Ion:178 Resp: 1456257
Ion Ratio Lower Upper
178 100
176 21.5 18.6 28.0
179 18.5 15.4 23.0



#72
Anthracene
Concen: 51.646 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG041839.D
Acq: 31 Jul 2019 18:50

Tgt Ion:178 Resp: 1504882
Ion Ratio Lower Upper
178 100
176 21.4 18.6 28.0
179 18.4 15.1 22.7

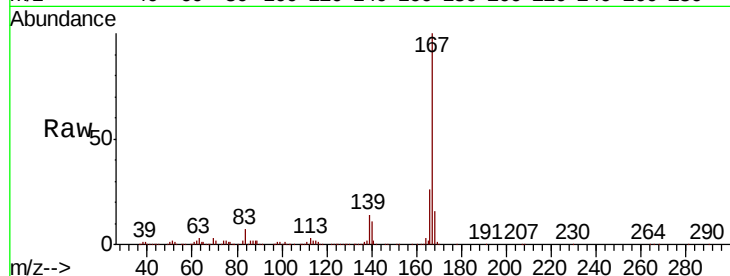




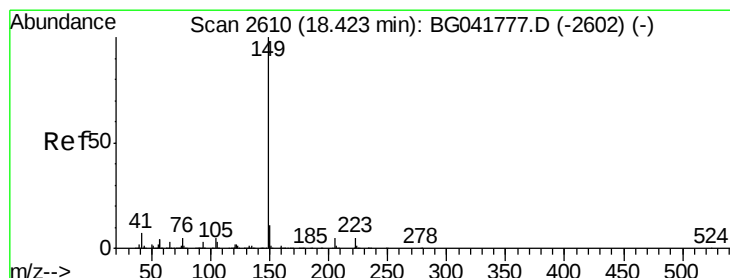
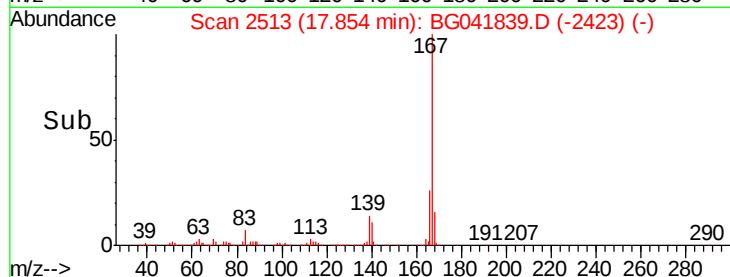
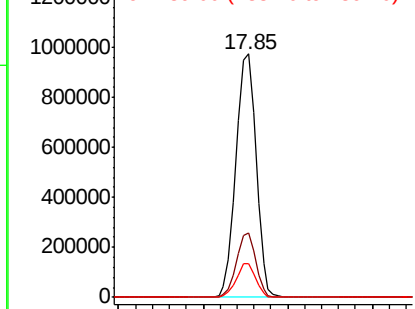
#73
 Carbazole
 Concen: 60.980 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-072919MSD

Tgt Ion:167 Resp: 1594807
 Ion Ratio Lower Upper
 167 100
 166 26.5 21.4 32.2
 139 13.7 12.1 18.1

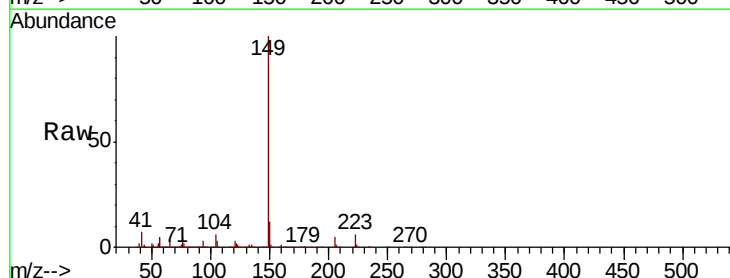


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

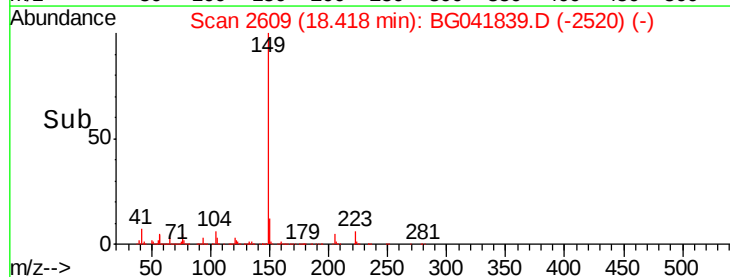
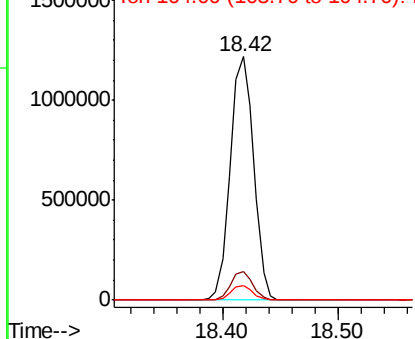


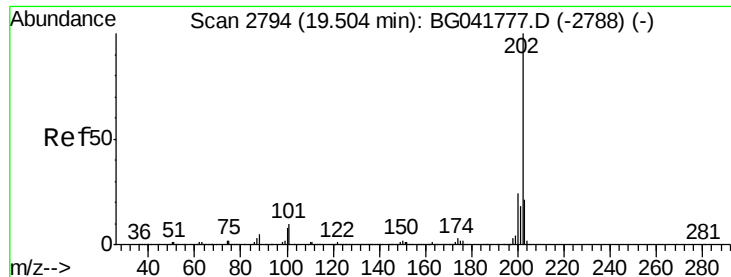
#74
 Di-n-butylphthalate
 Concen: 57.772 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BG041839.D
 Acq: 31 Jul 2019 18:50

Tgt Ion:149 Resp: 1712907
 Ion Ratio Lower Upper
 149 100
 150 12.0 10.2 15.2
 104 6.1 5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 61.461 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

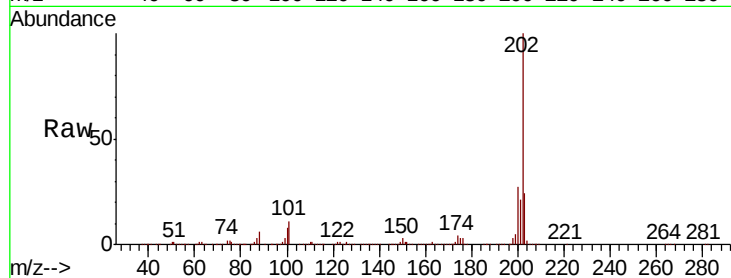
Tgt Ion:202 Resp: 2182650

Ion Ratio Lower Upper

202 100

101 10.8 0.0 32.8

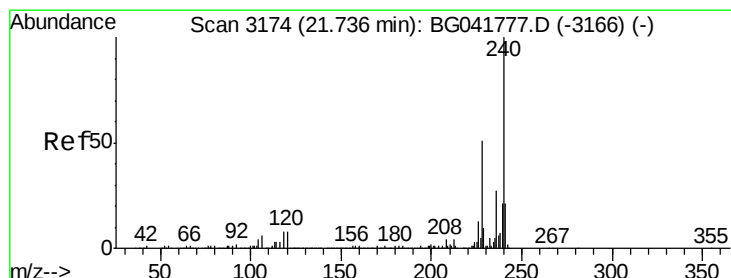
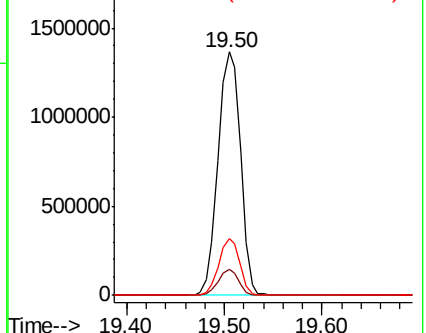
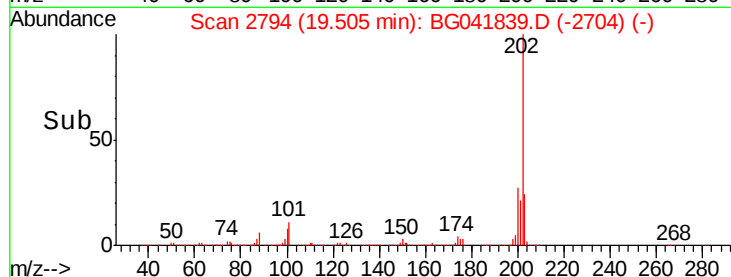
203 23.5 3.7 43.7



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: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

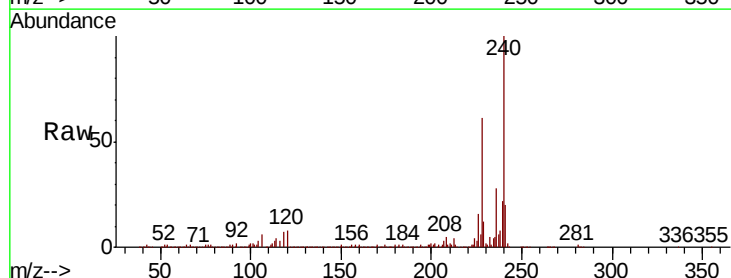
Tgt Ion:240 Resp: 695381

Ion Ratio Lower Upper

240 100

120 7.6 8.0 12.0#

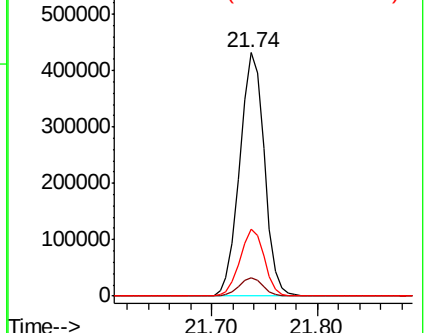
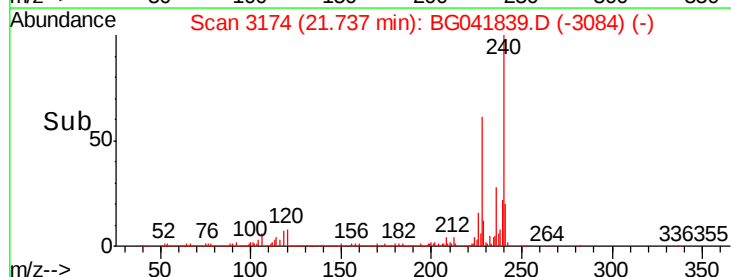
236 27.7 22.6 33.8

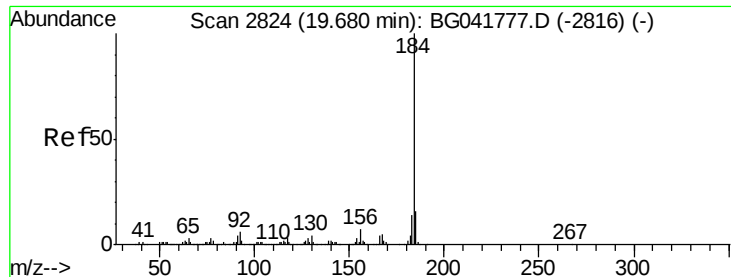


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.540 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

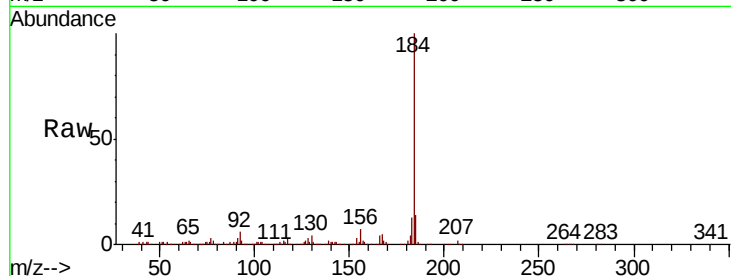
Tgt Ion:184 Resp: 330016

Ion Ratio Lower Upper

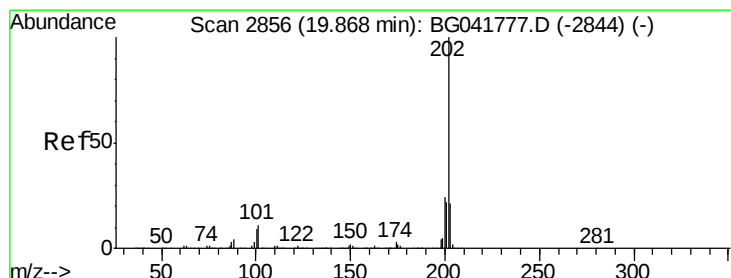
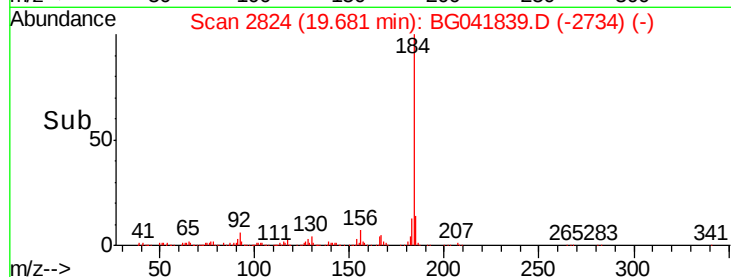
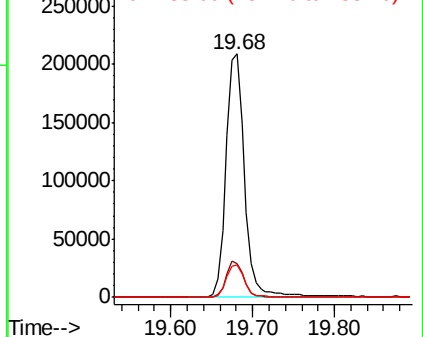
184 100

185 14.0 13.0 19.4

183 13.1 11.8 17.6



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: 53.564 ng

RT: 19.87 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

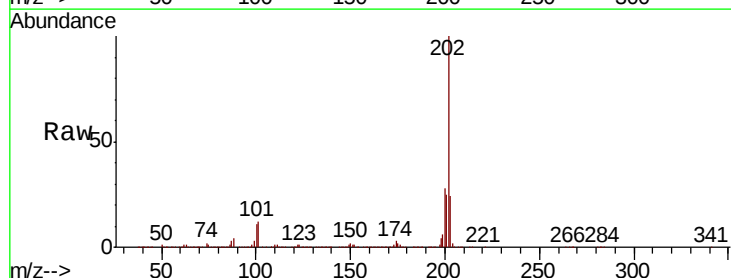
Tgt Ion:202 Resp: 2206836

Ion Ratio Lower Upper

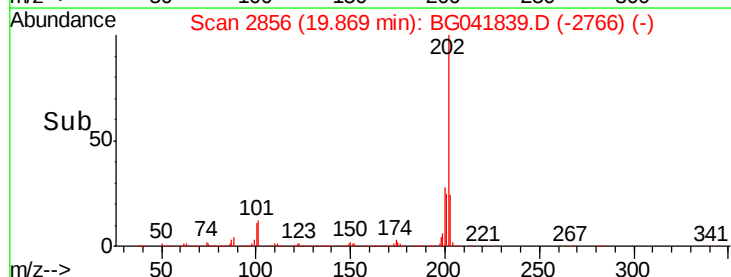
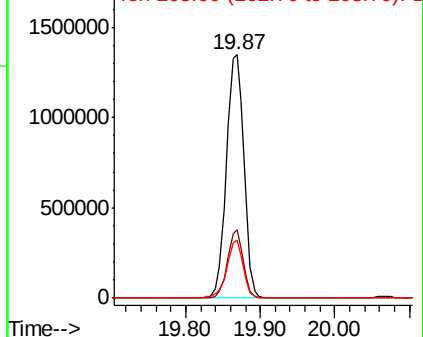
202 100

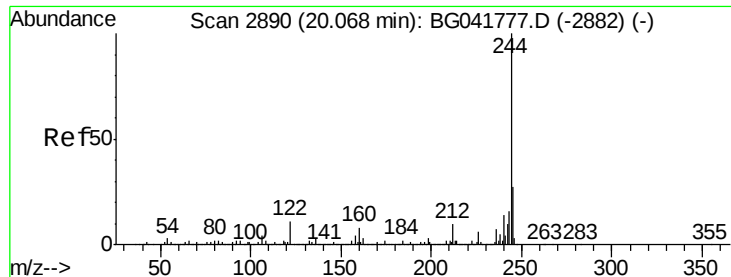
200 28.0 22.2 33.2

203 23.8 18.9 28.3



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: 96.105 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

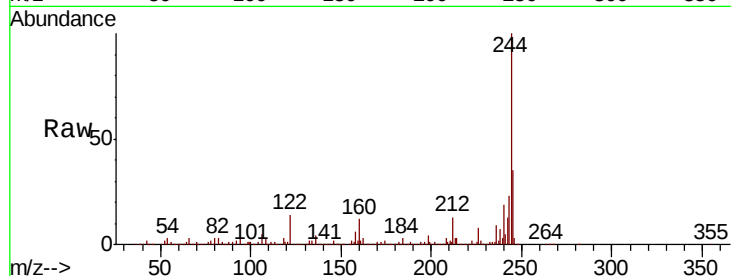
Tgt Ion:244 Resp: 2920532

Ion Ratio Lower Upper

244 100

212 13.0 9.7 14.5

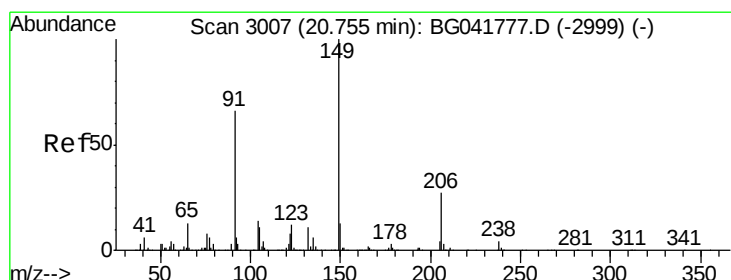
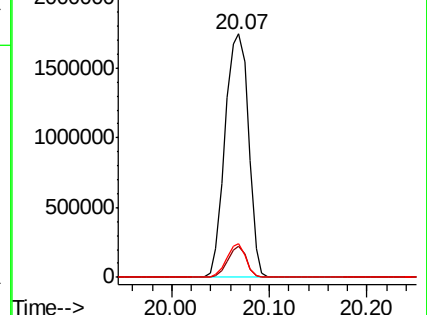
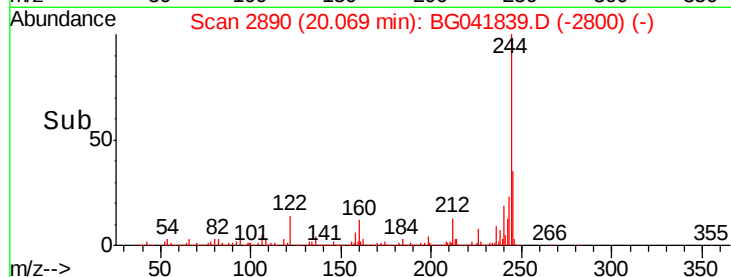
122 13.9 12.5 18.7



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: 57.300 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

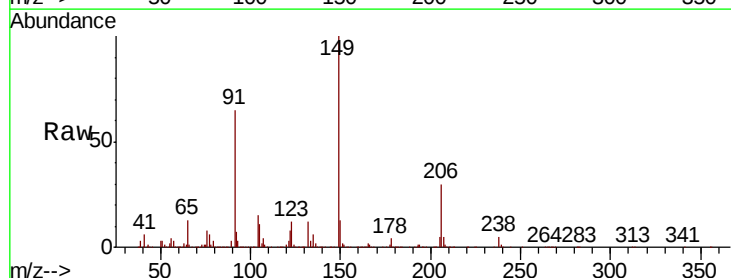
Tgt Ion:149 Resp: 905128

Ion Ratio Lower Upper

149 100

91 64.9 58.9 88.3

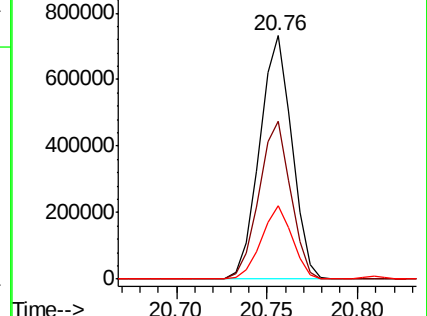
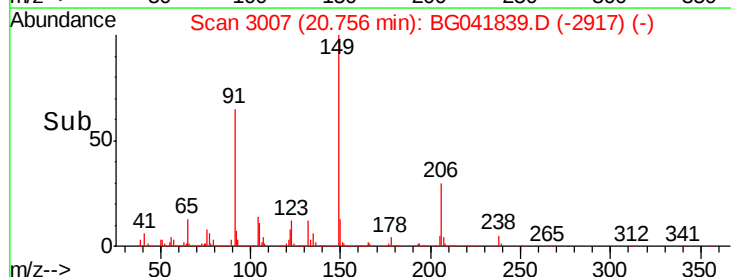
206 29.9 20.8 31.2

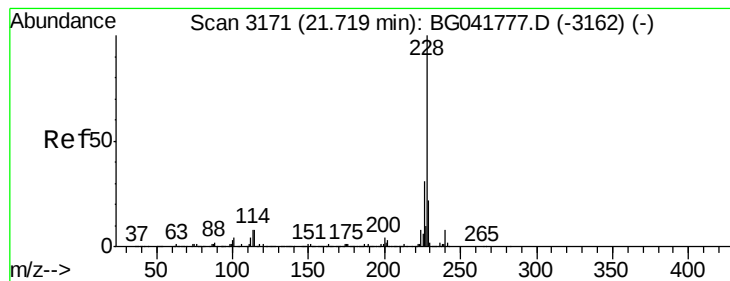


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.537 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

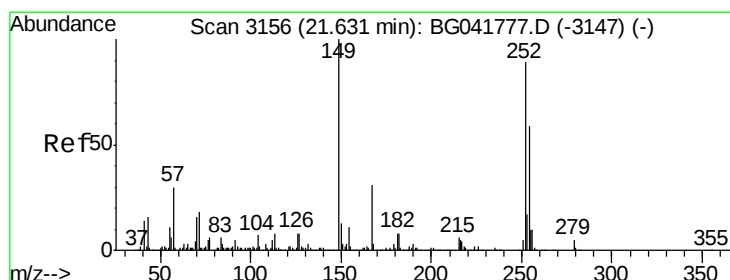
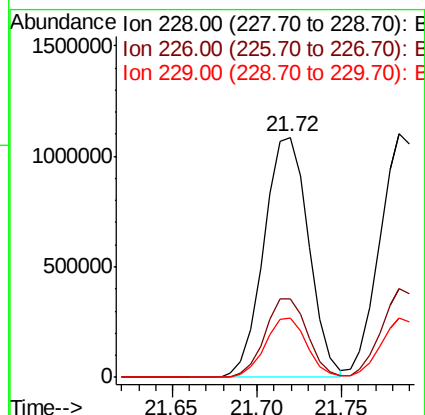
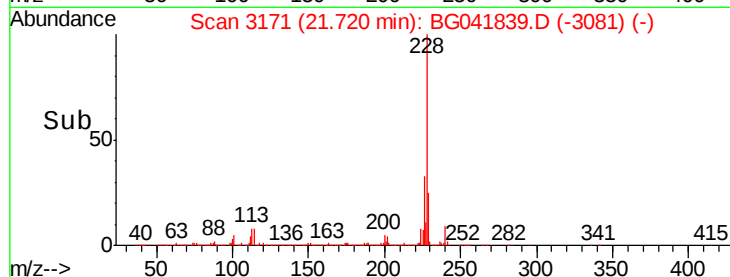
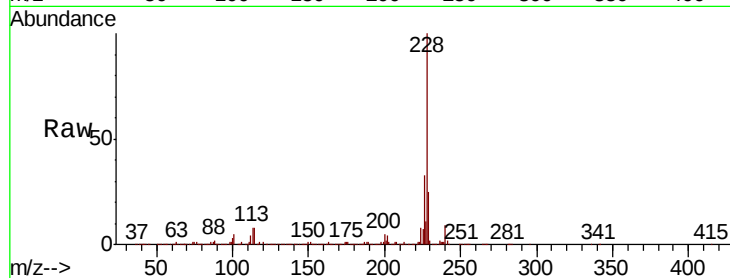
Tgt Ion:228 Resp: 1996905

Ion Ratio Lower Upper

228 100

226 32.9 27.3 40.9

229 24.8 19.7 29.5



#82

3,3'-Dichlorobenzidine

Concen: 22.919 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

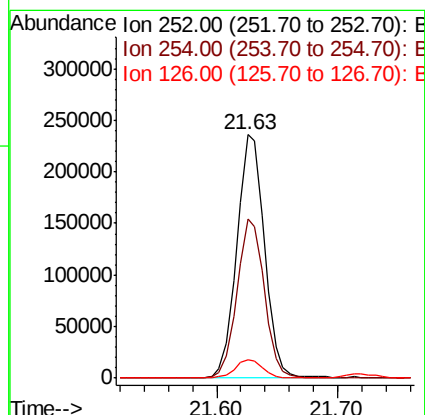
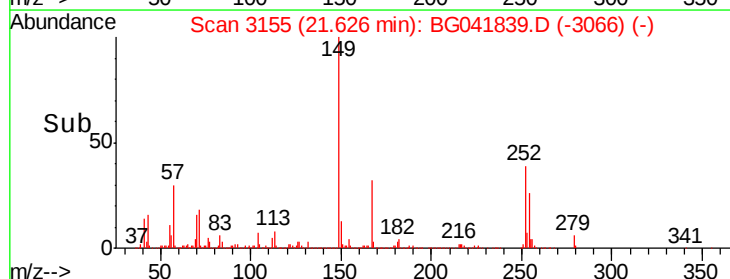
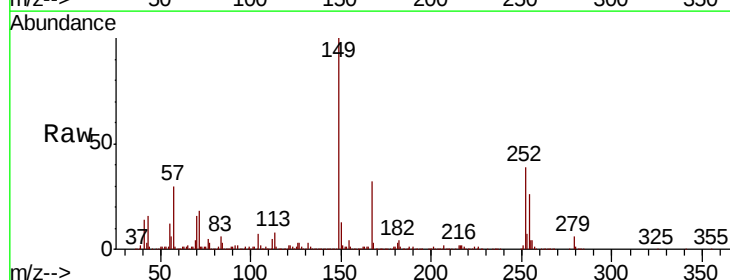
Tgt Ion:252 Resp: 378576

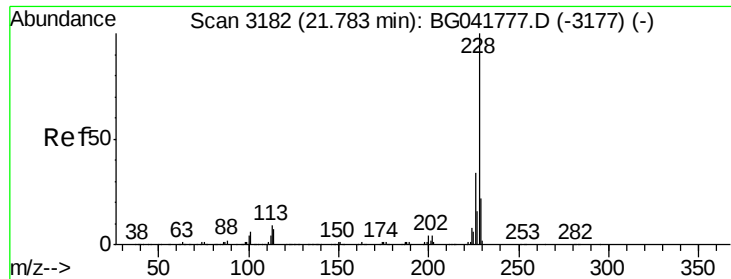
Ion Ratio Lower Upper

252 100

254 65.3 53.8 80.6

126 7.6 7.8 11.8#





#83

Chrysene

Concen: 49.692 ng

RT: 21.78 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

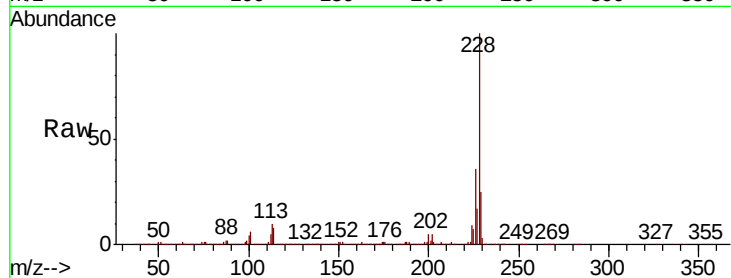
Tgt Ion:228 Resp: 1959739

Ion Ratio Lower Upper

228 100

226 36.5 30.1 45.1

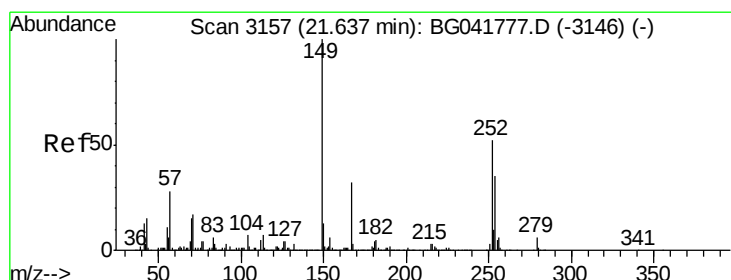
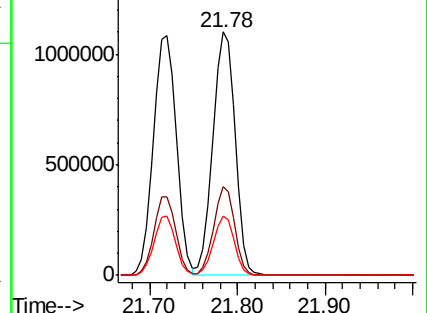
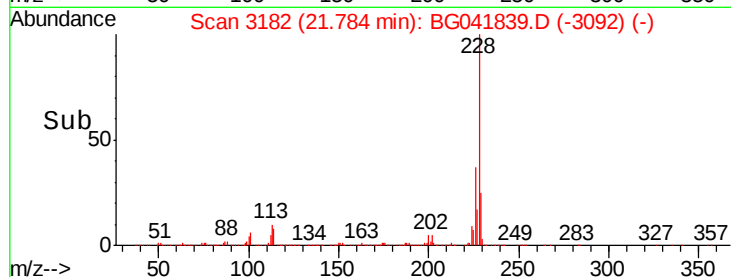
229 24.6 19.8 29.6



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: 53.616 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

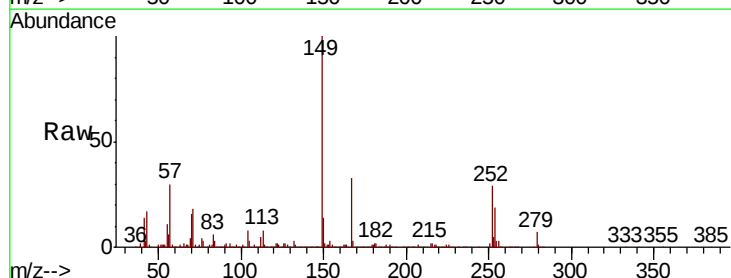
Tgt Ion:149 Resp: 1168260

Ion Ratio Lower Upper

149 100

167 32.6 27.0 40.4

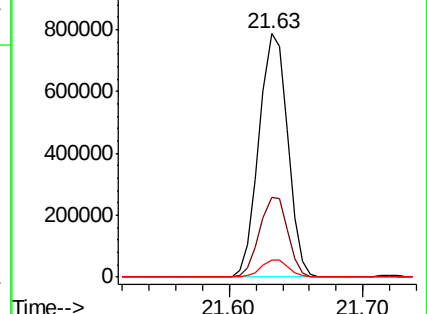
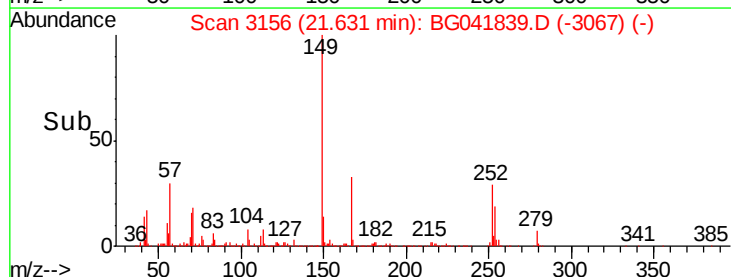
279 6.8 5.0 7.6

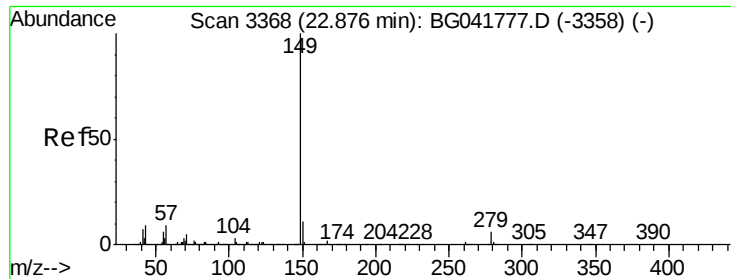


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.162 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

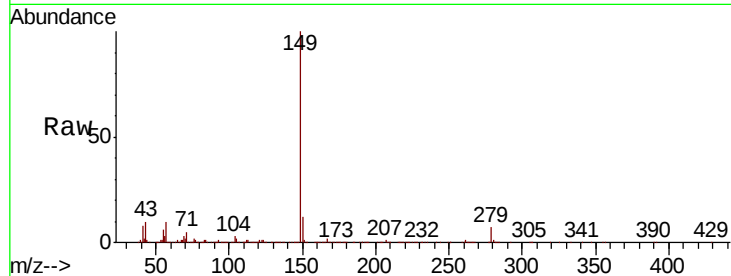
Tgt Ion:149 Resp: 1839481

Ion Ratio Lower Upper

149 100

167 2.1 1.6 2.4

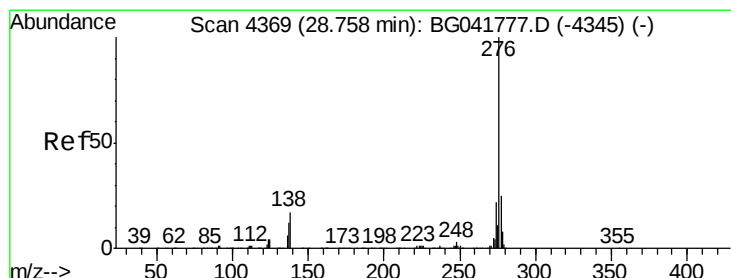
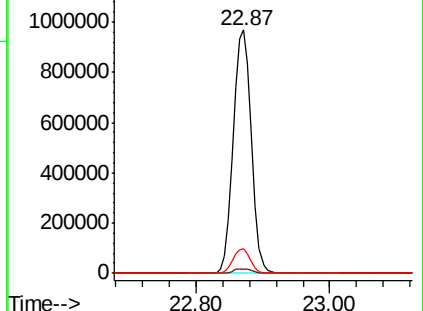
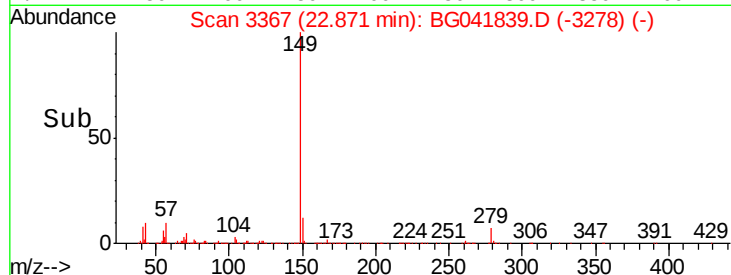
43 9.5 10.6 16.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.486 ng

RT: 28.76 min Scan# 4369

Delta R.T. 0.00 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

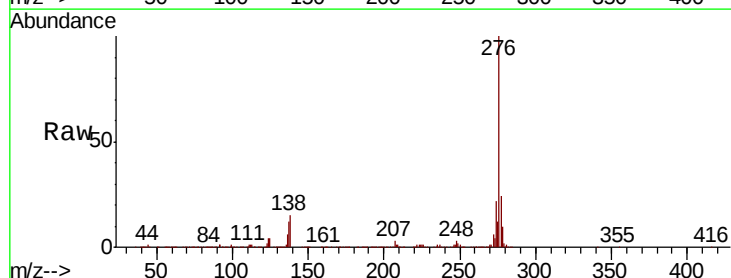
Tgt Ion:276 Resp: 2531269

Ion Ratio Lower Upper

276 100

138 18.9 19.4 29.0#

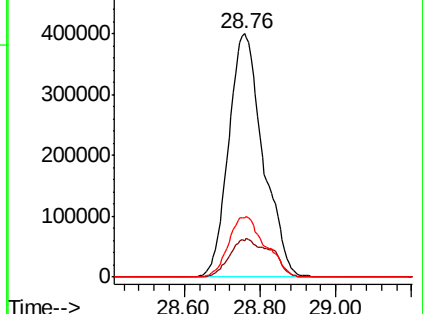
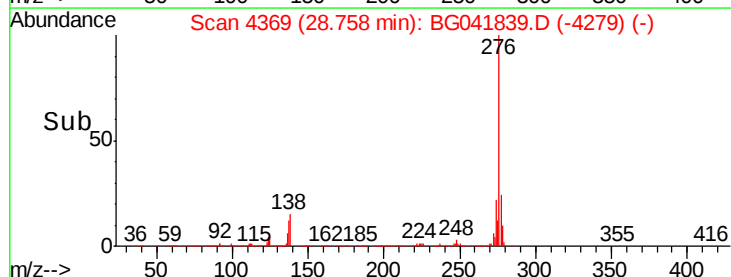
277 26.4 21.2 31.8

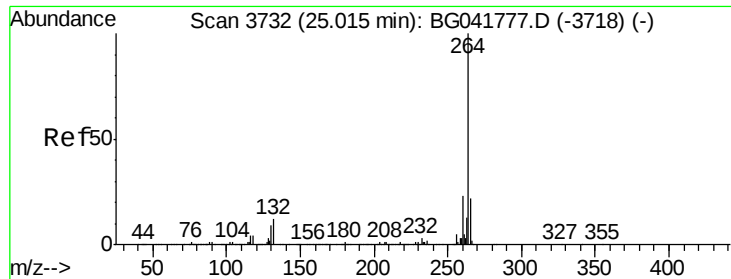


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



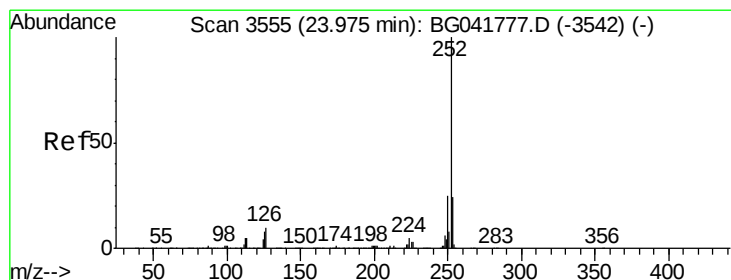
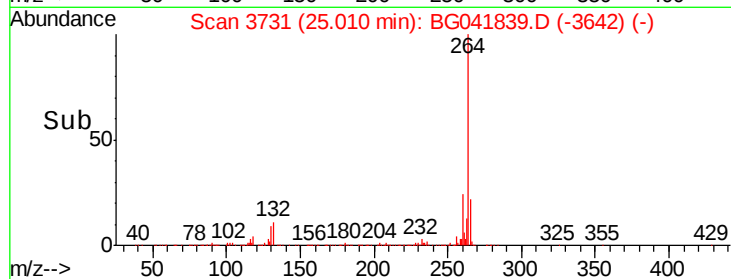
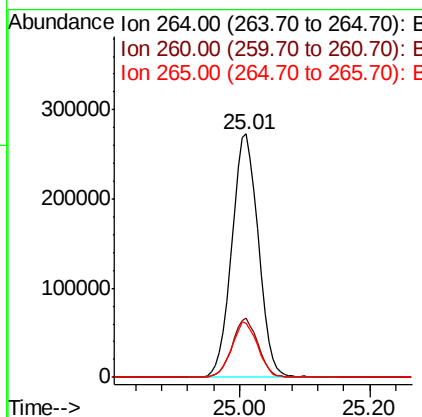
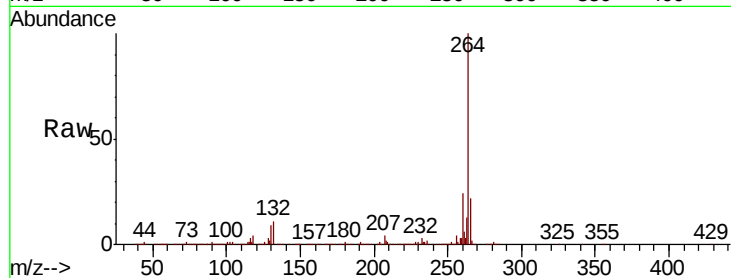


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG041839.D
Acq: 31 Jul 2019 18:50

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MSD

Tgt Ion: 264 Resp: 770428

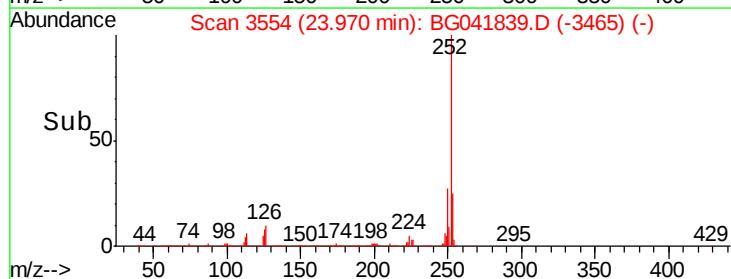
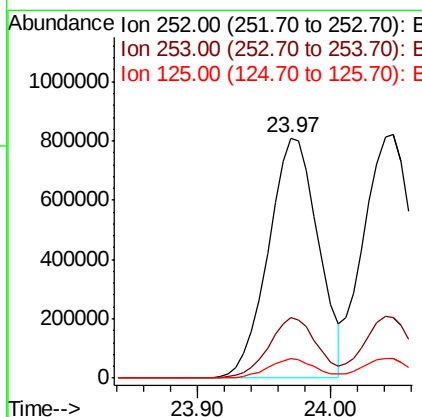
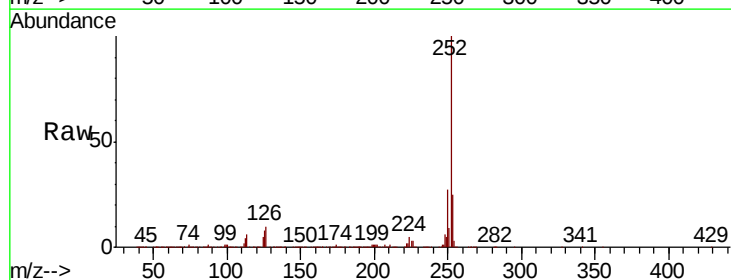
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.3	18.0	27.0

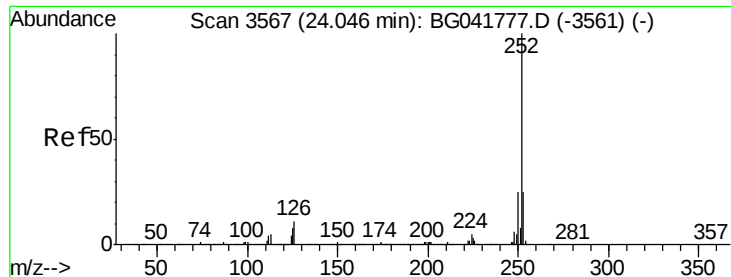


#88
Benzo(b)fluoranthene
Concen: 49.965 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG041839.D
Acq: 31 Jul 2019 18:50

Tgt Ion: 252 Resp: 2105807

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.6	30.8
125	8.1	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 50.348 ng

RT: 24.05 min Scan# 3567

Delta R.T. 0.00 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

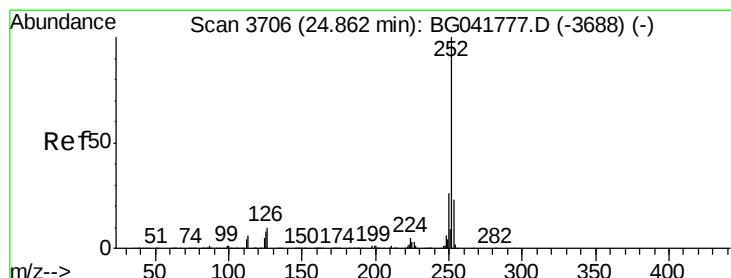
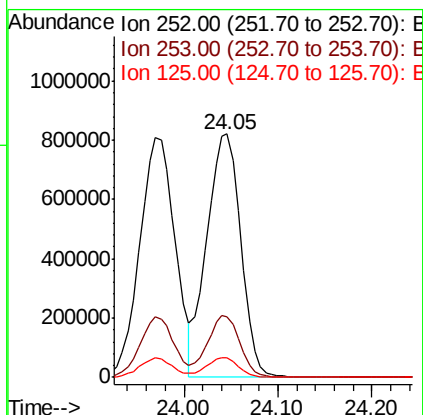
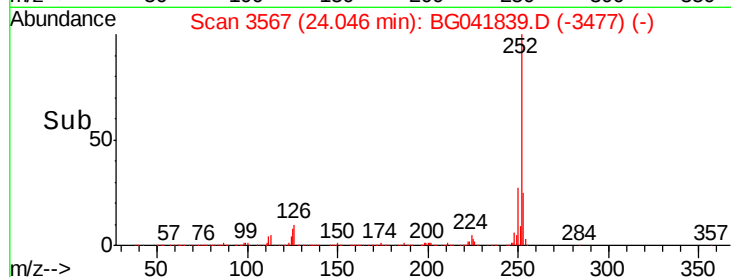
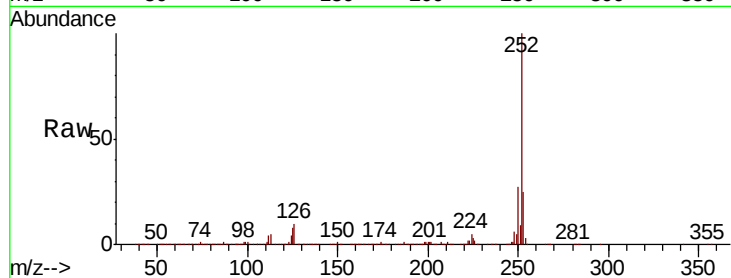
Tgt Ion:252 Resp: 2067001

Ion Ratio Lower Upper

252 100

253 24.7 20.5 30.7

125 7.8 8.4 12.6#



#90

Benzo(a)pyrene

Concen: 51.870 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

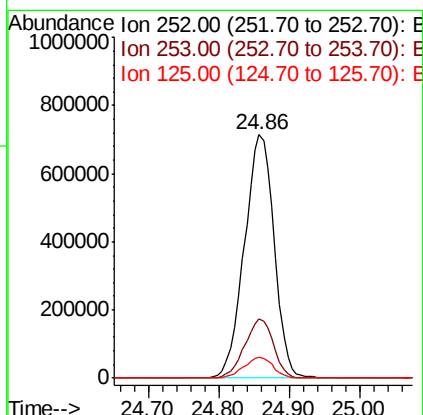
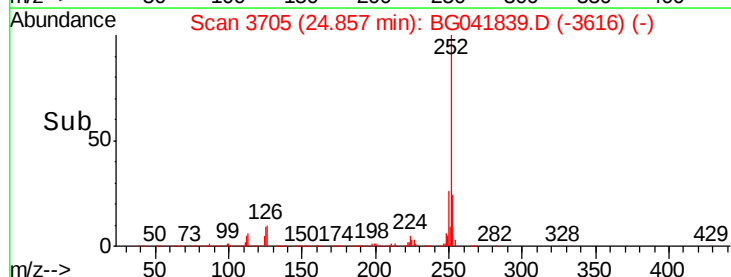
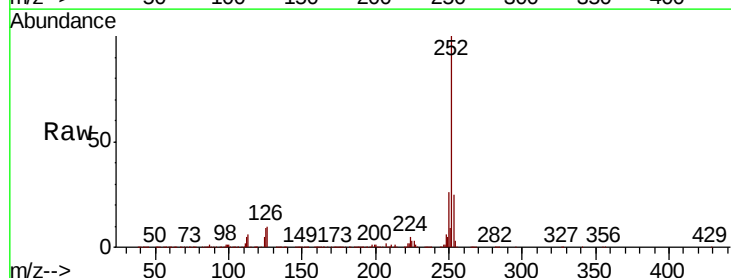
Tgt Ion:252 Resp: 2096622

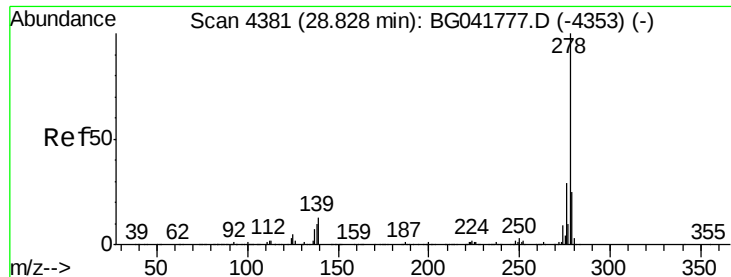
Ion Ratio Lower Upper

252 100

253 24.5 19.8 29.8

125 8.7 8.8 13.2#





#91

Dibenzo(a,h)anthracene

Concen: 51.958 ng

RT: 28.83 min Scan# 4382

Delta R.T. 0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MSD

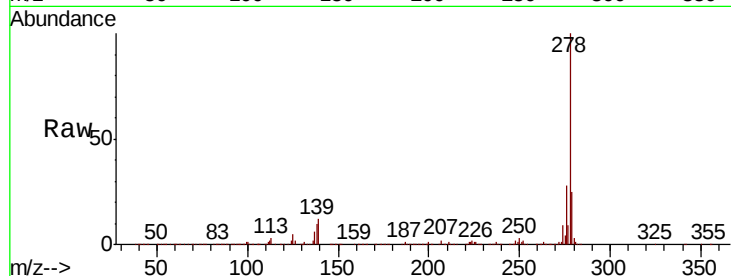
Tgt Ion:278 Resp: 2062181

Ion Ratio Lower Upper

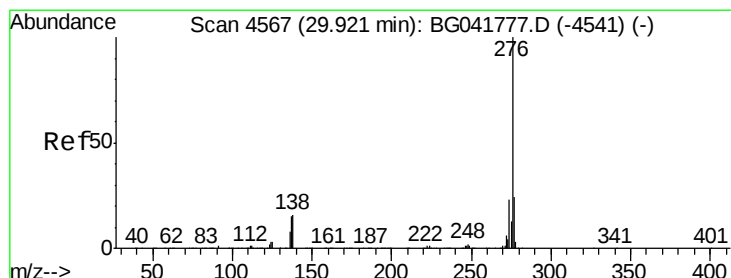
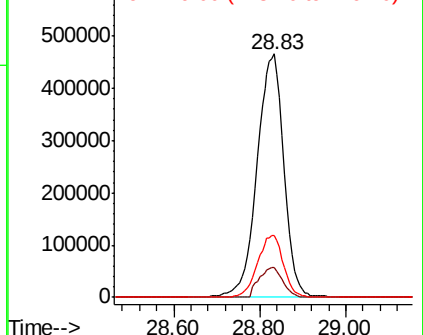
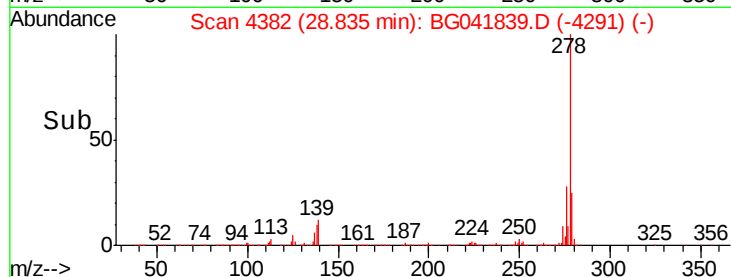
278 100

139 12.3 12.6 19.0#

279 25.5 20.5 30.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.036 ng

RT: 29.93 min Scan# 4568

Delta R.T. 0.01 min

Lab File: BG041839.D

Acq: 31 Jul 2019 18:50

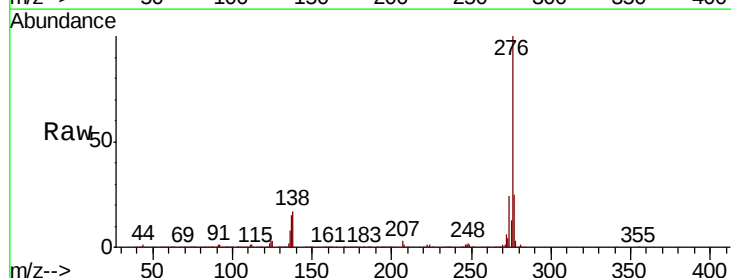
Tgt Ion:276 Resp: 2103057

Ion Ratio Lower Upper

276 100

277 25.1 19.8 29.8

138 16.9 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

