

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041823.D
 Acq On : 31 Jul 2019 4:53
 Operator : HP/JU
 Sample : K3622-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-A

Quant Time: Jul 31 07:00:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	106654	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	394754	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	275866	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	665229	20.00	ng	0.00
76) Chrysene-d12	21.73	240	746211	20.00	ng	0.00
87) Perylene-d12	25.00	264	861245	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	684150	124.81	ng	0.00
7) Phenol-d6	7.19	99	832464	112.64	ng	0.00
23) Nitrobenzene-d5	9.21	82	624913	108.94	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	517788	165.24	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1567562	100.22	ng	0.00
79) Terphenyl-d14	20.07	244	2593786	79.54	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	9944	3.854	ng	# 1
3) Pyridine	3.89	79	23611	3.337	ng	85
4) n-Nitrosodimethylamine	3.79	42	9639	3.437	ng	# 89
8) 2-Chlorophenol	7.61	128	24745	3.942	ng	88
9) Benzaldehyde	7.17	77	19211	3.694	ng	83
10) Phenol	7.22	94	28602	3.720	ng	93
11) bis(2-Chloroethyl)ether	7.45	93	21337	3.376	ng	94
12) 1,3-Dichlorobenzene	7.93	146	28603	3.491	ng	98
13) 1,4-Dichlorobenzene	8.08	146	28034	3.420	ng	95
14) 1,2-Dichlorobenzene	8.40	146	26476	3.385	ng	93
15) Benzyl Alcohol	8.28	79	17310	2.977	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	35318	3.141	ng	97
17) 2-Methylphenol	8.48	107	19415	3.472	ng	97
18) Hexachloroethane	9.14	117	10200	3.633	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	16248	3.028	ng	89
20) 3+4-Methylphenols	8.81	107	24865	3.250	ng	99
22) Acetophenone	8.86	105	35856	4.061	ng	# 93
24) Nitrobenzene	9.24	77	25935	4.292	ng	99
25) Isophorone	9.77	82	42973	3.444	ng	# 97
26) 2-Nitrophenol	9.97	139	11793	4.205	ng	95
27) 2,4-Dimethylphenol	10.03	122	17758	3.587	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	27583	3.537	ng	97
29) 2,4-Dichlorophenol	10.51	162	23160	3.842	ng	94
30) 1,2,4-Trichlorobenzene	10.73	180	28206	3.690	ng	97
31) Naphthalene	10.92	128	75750	4.193	ng	# 94
32) Benzoic acid	10.14	122	3243	9.479	ng	# 83
34) Hexachlorobutadiene	11.21	225	19693	3.817	ng	95
35) Caprolactam	11.77	113	7258	3.464	ng	# 76
36) 4-Chloro-3-methylphenol	12.14	107	23377	3.911	ng	99
37) 2-Methylnaphthalene	12.53	142	54935	3.841	ng	94
38) 1-Methylnaphthalene	12.75	142	53741	3.965	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	34749	3.979	ng	98
41) Hexachlorocyclopentadiene	12.88	237	14886	3.032	ng	91
43) 2,4,6-Trichlorophenol	13.13	196	18578	3.366	ng	92

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041823.D
 Acq On : 31 Jul 2019 4:53
 Operator : HP/JU
 Sample : K3622-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-A

Quant Time: Jul 31 07:00:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.20	196	22348	3.896	nq	91
46) 1,1'-Biphenyl	13.53	154	74056	4.176	nq	97
47) 2-Chloronaphthalene	13.58	162	56490	3.742	nq	96
48) 2-Nitroaniline	13.77	65	14323	3.740	nq	# 81
49) Acenaphthylene	14.42	152	91711	4.061	nq	92
50) Dimethylphthalate	14.15	163	97418	5.171	nq	95
51) 2,6-Dinitrotoluene	14.26	165	15511	3.937	nq	# 89
52) Acenaphthene	14.76	154	56559	3.850	nq	99
54) 2,4-Dinitrophenol	14.80	184	3451	5.265	nq	90
55) Dibenzofuran	15.10	168	95321	4.243	nq	90
56) 4-Nitrophenol	14.89	139	9593	2.999	nq	94
57) 2,4-Dinitrotoluene	15.04	165	22997	4.245	nq	# 90
58) Fluorene	15.75	166	78408	4.349	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	19726	3.473	nq	# 91
60) Diethylphthalate	15.51	149	74524	4.029	nq	98
61) 4-Chlorophenyl-phenylether	15.74	204	42663	3.876	nq	94
62) 4-Nitroaniline	15.75	138	15878	3.478	nq	97
63) Azobenzene	16.04	77	59449	3.934	nq	95
65) 4,6-Dinitro-2-methylphenol	15.81	198	8384	9.060	nq	87
66) n-Nitrosodiphenylamine	15.95	169	71548	3.948	nq	91
67) 4-Bromophenyl-phenylether	16.64	248	28541	3.483	nq	97
68) Hexachlorobenzene	16.76	284	30823	3.595	nq	93
71) Phenanthrene	17.49	178	139203	4.366	nq	93
72) Anthracene	17.49	178	139203	4.377	nq	93
73) Carbazole	17.85	167	122959	4.308	nq	# 93
74) Di-n-butylphthalate	18.42	149	129806	4.011	nq	# 95
75) Fluoranthene	19.50	202	172799	4.458	nq	87
78) Pvrene	19.86	202	180394	4.080	nq	# 87
80) Butylbenzylphthalate	20.75	149	62038	3.660	nq	# 87
81) Benzo(a)anthracene	21.71	228	188194	4.263	nq	# 90
83) Chrysene	21.78	228	181391	4.286	nq	# 90
84) Bis(2-ethylhexyl)phthalate	21.63	149	91706	3.922	nq	94
85) Di-n-octyl phthalate	22.86	149	153910	3.911	nq	# 93
86) Indeno(1,2,3-cd)pyrene	28.73	276	204014	3.642	nq	# 83
88) Benzo(b)fluoranthene	23.96	252	188320	3.997	nq	# 93
89) Benzo(k)fluoranthene	24.03	252	176864	3.854	nq	# 91
90) Benzo(a)pyrene	24.84	252	174210	3.855	nq	# 93
91) Dibenzo(a,h)anthracene	28.80	278	166386	3.750	nq	# 95
92) Benzo(g,h,i)perylene	29.89	276	168260	3.796	nq	# 93

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

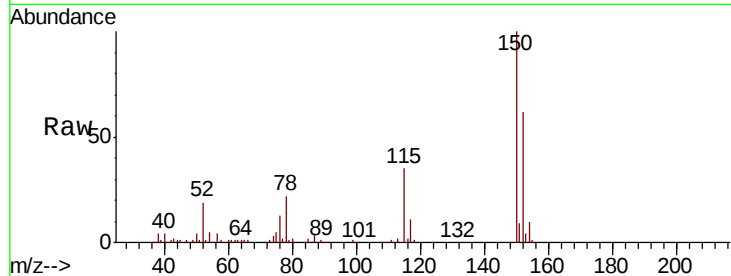


#1

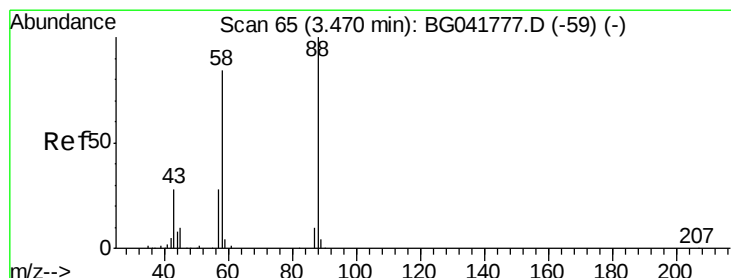
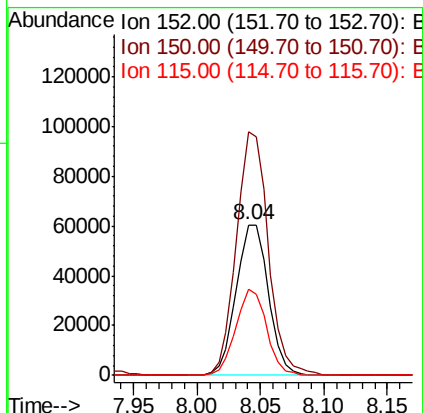
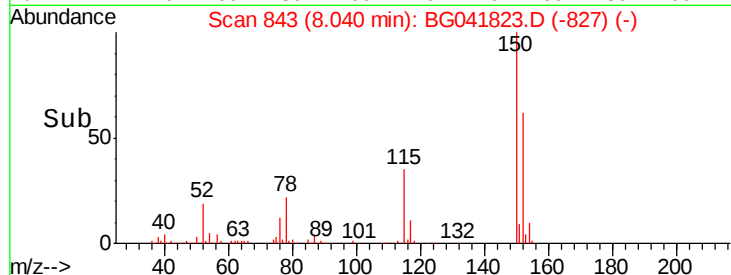
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-A

Tot Ion:152 Resp: 106654
Ion Ratio Lower Upper
152 100
150 161.7 126.9 190.3
115 56.8 45.0 67.6



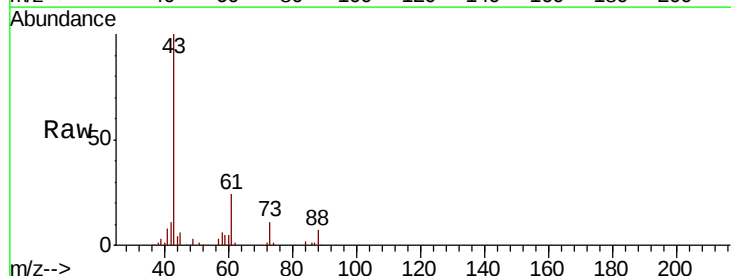
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



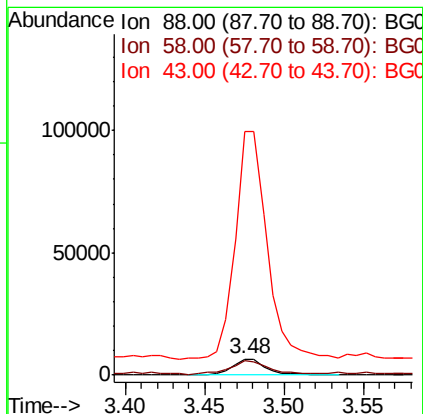
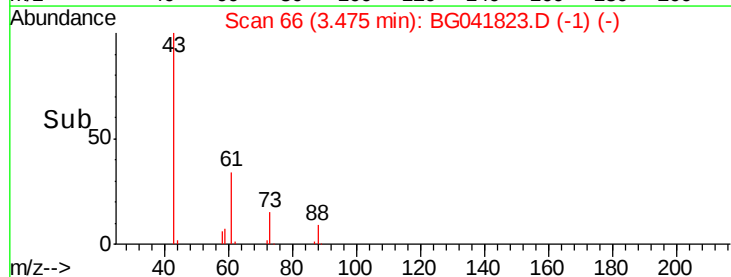
#2

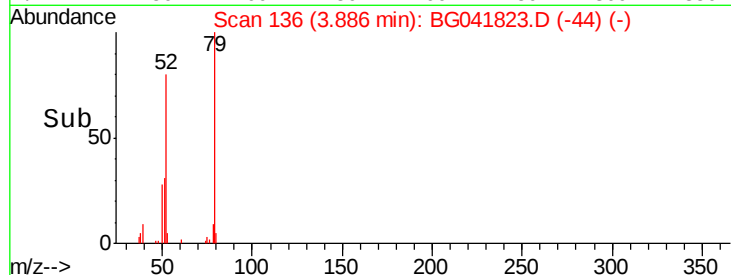
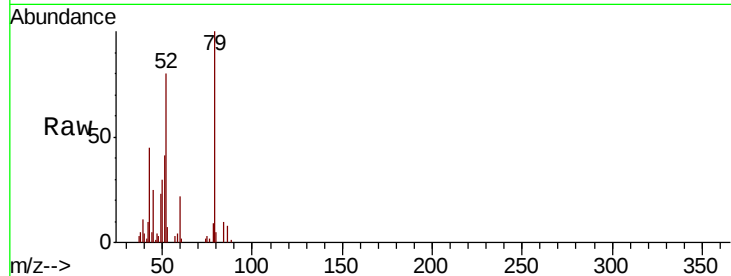
1,4-Dioxane
Concen: 3.854 ng
RT: 3.48 min Scan# 66
Delta R.T. 0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Tgt Ion: 88 Resp: 9944
Ion Ratio Lower Upper
88 100
58 88.6 76.2 114.2
43 1281.3 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

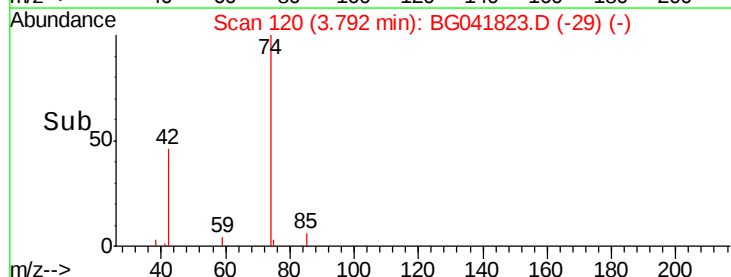
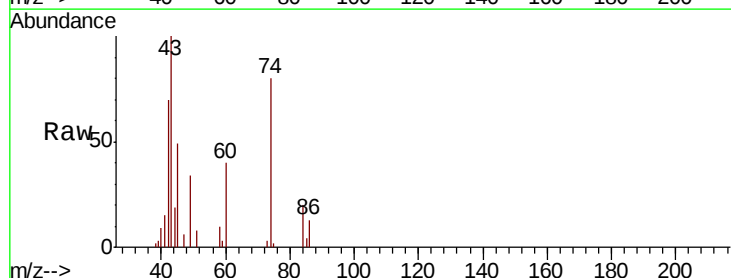
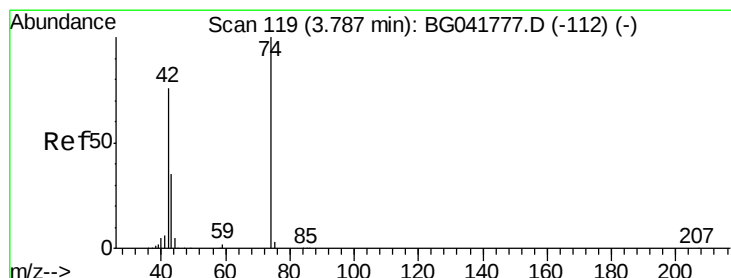
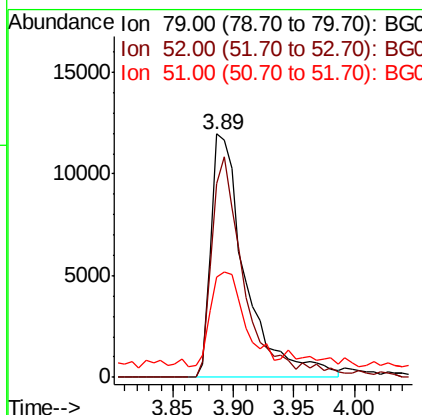




#3
 Pvridine
 Concen: 3.337 ng
 RT: 3.89 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: BG041823.D
 Acq: 31 Jul 2019 4:53

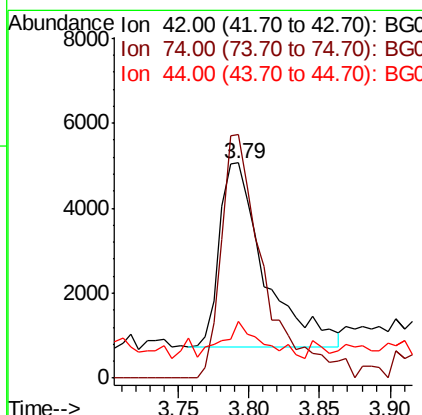
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-A

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.7	77.1	115.7
51	41.0	37.8	56.8



#4
 n-Nitrosodimethylamine
 Concen: 3.437 ng
 RT: 3.79 min Scan# 120
 Delta R.T. 0.01 min
 Lab File: BG041823.D
 Acq: 31 Jul 2019 4:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	113.0	97.4	146.2
44	26.4	6.6	9.8#





#5

2-Fluorophenol

Concen: 124.805 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

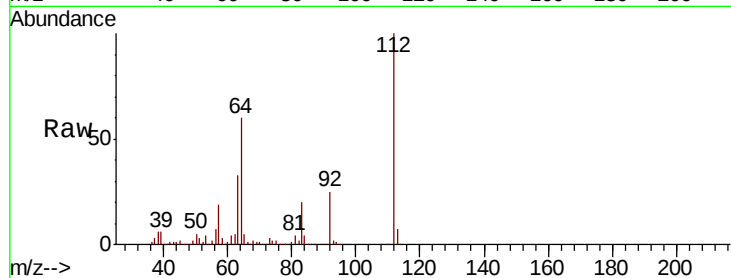
Tot Ion:112 Resp: 684150

Ion Ratio Lower Upper

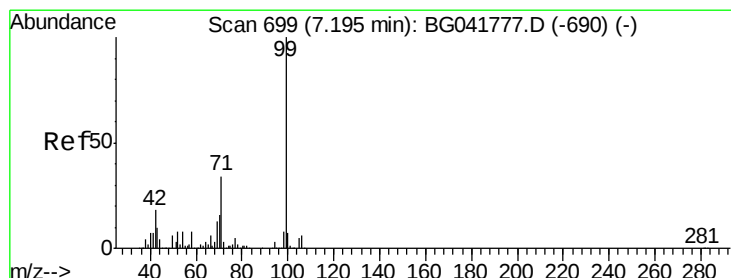
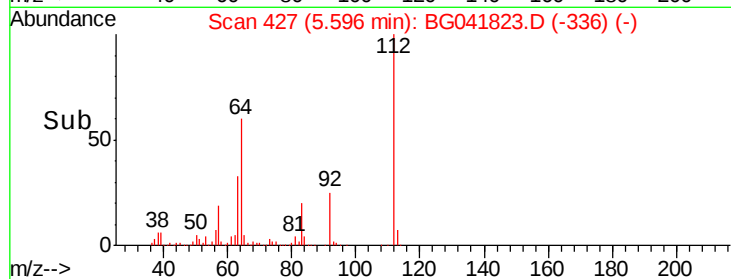
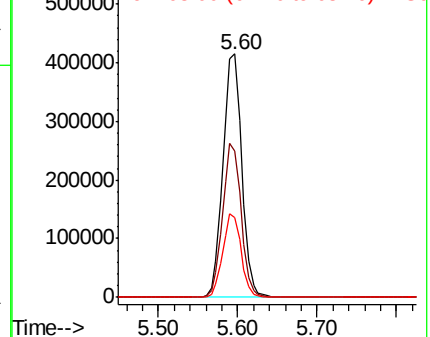
112 100

64 60.1 55.4 83.2

63 32.8 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



#7

Phenol-d6

Concen: 112.643 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

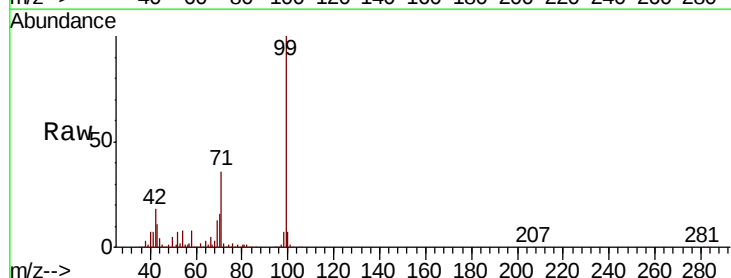
Tgt Ion: 99 Resp: 832464

Ion Ratio Lower Upper

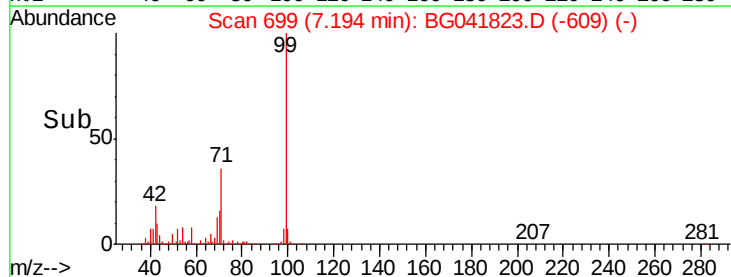
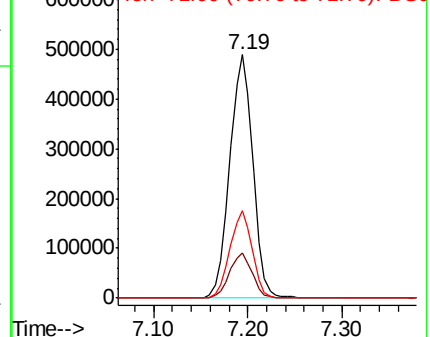
99 100

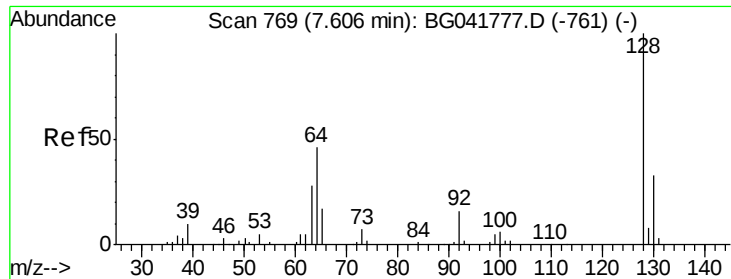
42 18.4 17.6 26.4

71 36.0 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

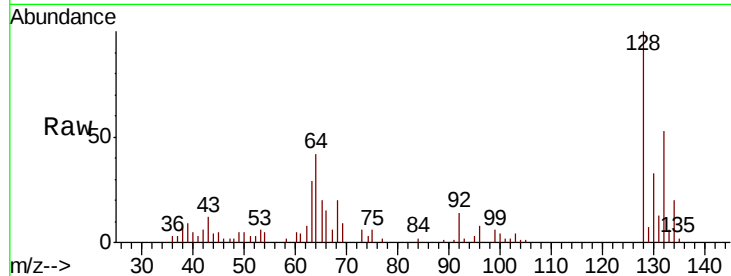




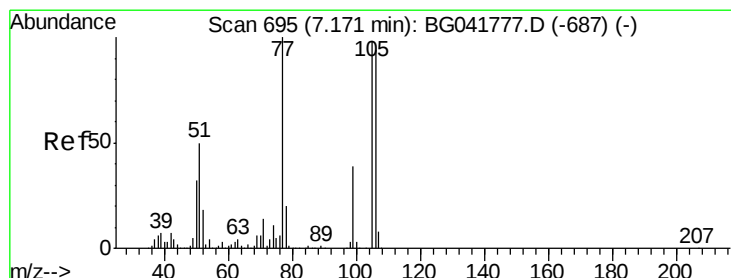
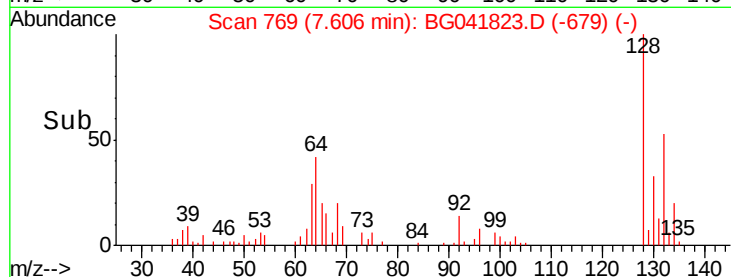
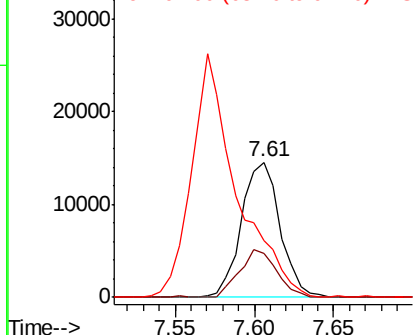
#8
2-Chlorophenol
Concen: 3.942 ng
RT: 7.61 min Scan# 769
Delta R.T. -0.00 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-A

Tot Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.4	52.4
64	41.6	34.9	74.9

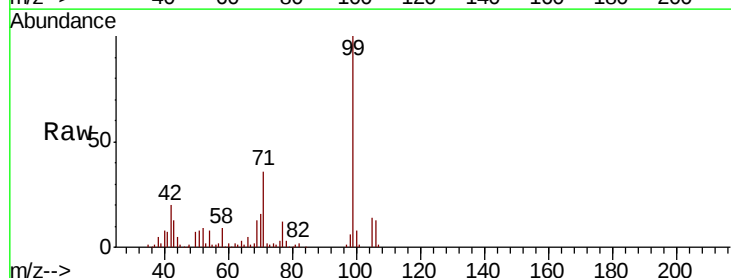


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC

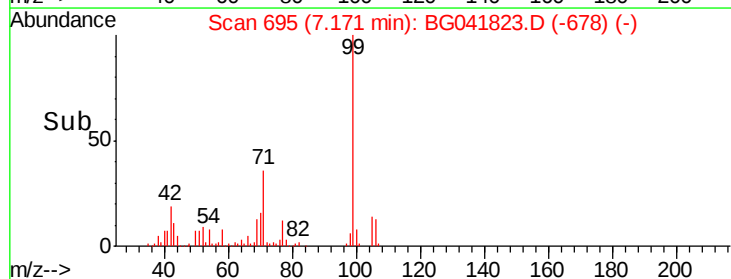
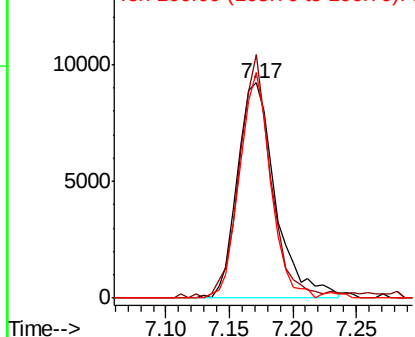


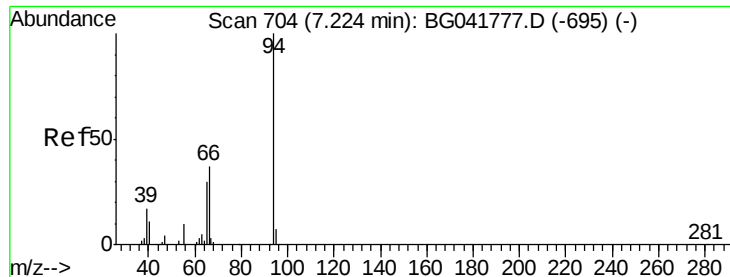
#9
Benzaldehyde
Concen: 3.694 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.00 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Tgt Ion	Ratio	Lower	Upper
77	100		
105	113.1	74.6	114.6
106	105.0	71.1	111.1



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

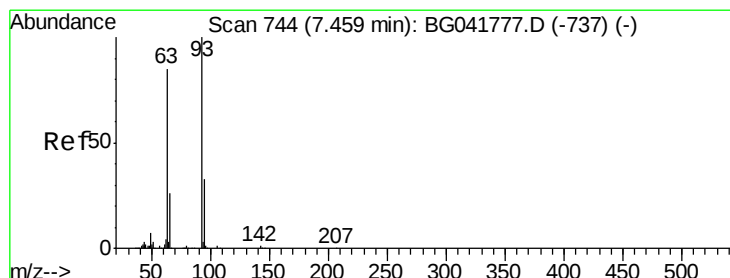
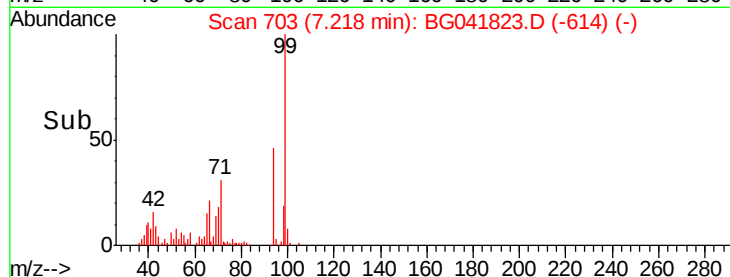
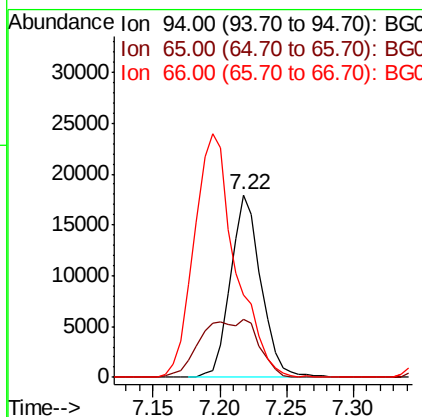
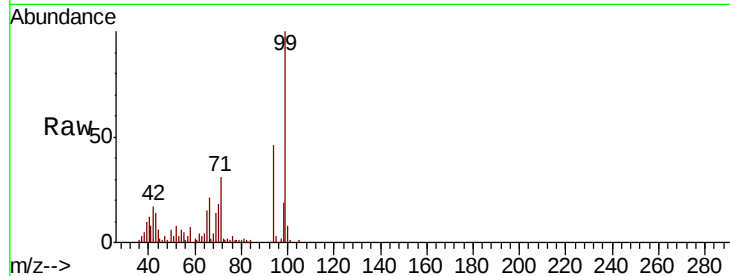




#10
Phenol
Concen: 3.720 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

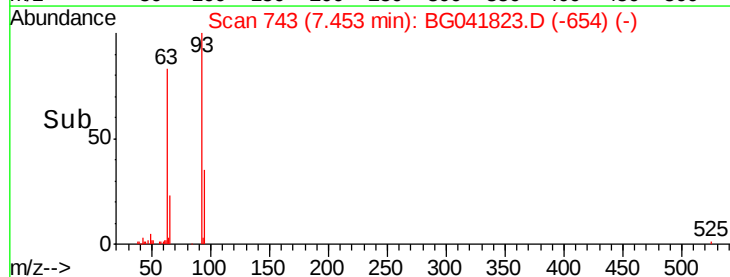
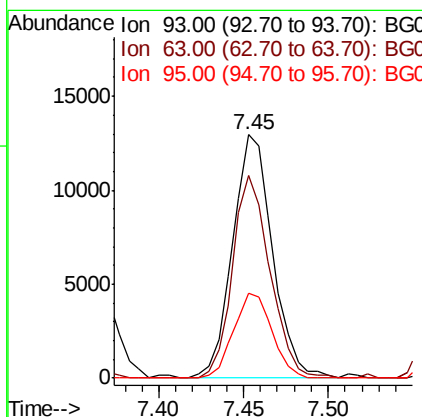
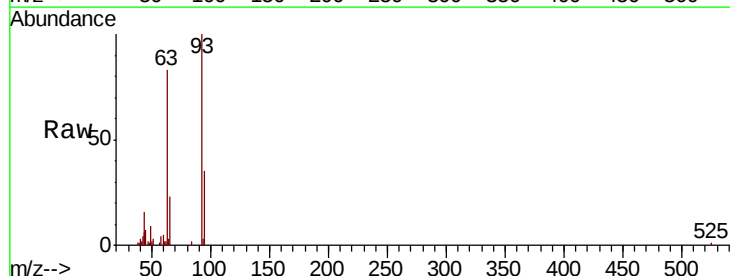
Instrument :
BNA_G
ClientSampleId :
OR-03-072919-A

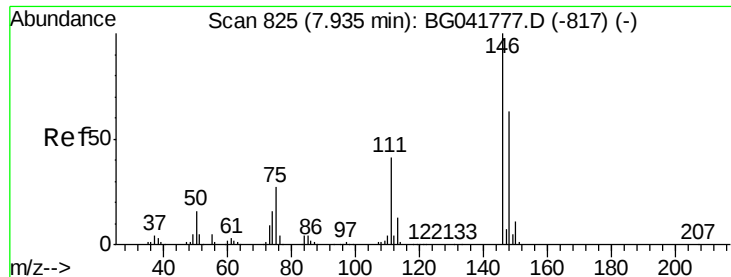
Tot Ion: 94 Resp: 28602
Ion Ratio Lower Upper
94 100
65 32.0 10.6 50.6
66 44.7 18.2 58.2



#11
bis(2-Chloroethyl)ether
Concen: 3.376 ng
RT: 7.45 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Tgt Ion: 93 Resp: 21337
Ion Ratio Lower Upper
93 100
63 83.4 70.4 110.4
95 34.7 12.8 52.8





#12

1,3-Dichlorobenzene

Concen: 3.491 ng

RT: 7.93 min Scan# 825

Delta R.T. -0.00 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

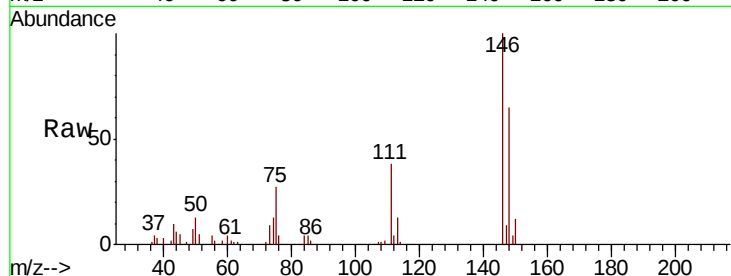
Tot Ion:146 Resp: 28603

Ion Ratio Lower Upper

146 100

148 65.5 51.5 77.3

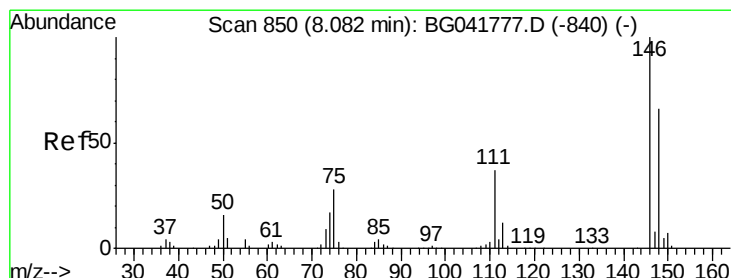
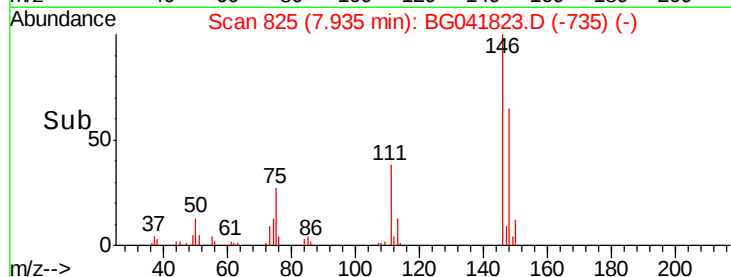
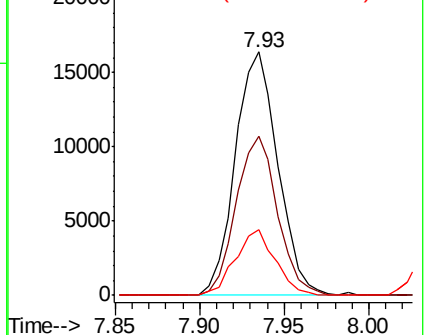
75 26.8 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 3.420 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

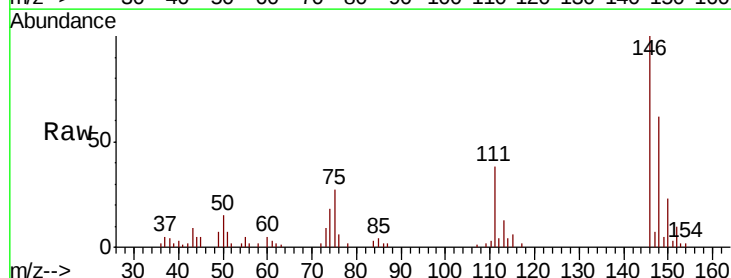
Tgt Ion:146 Resp: 28034

Ion Ratio Lower Upper

146 100

148 62.2 52.6 79.0

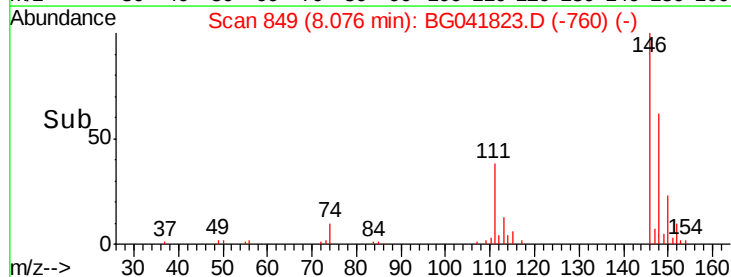
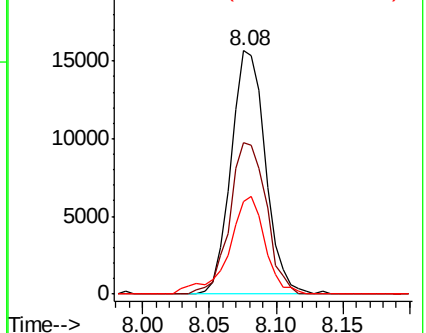
111 37.8 32.5 48.7

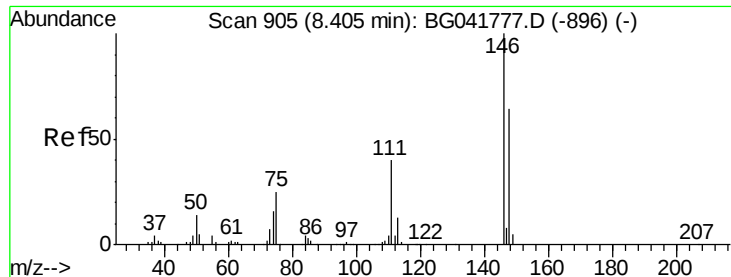


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 3.385 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

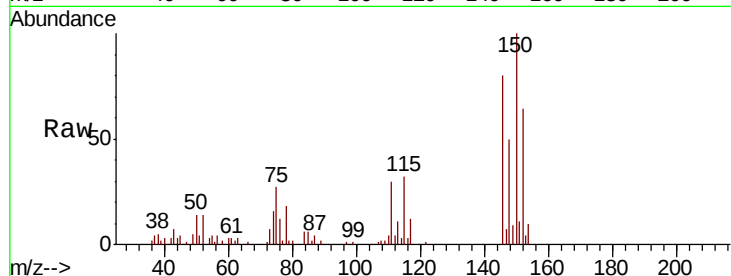
Tot Ion:146 Resp: 26476

Ion Ratio Lower Upper

146 100

148 62.9 53.5 80.3

111 37.1 35.4 53.0

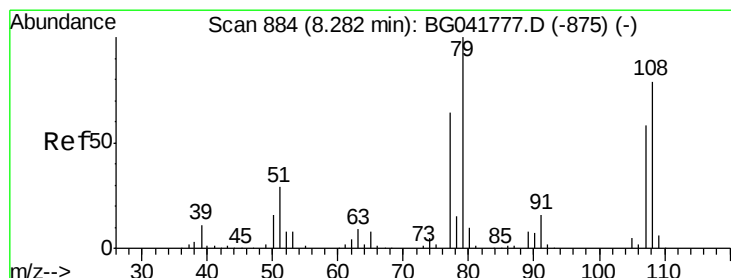
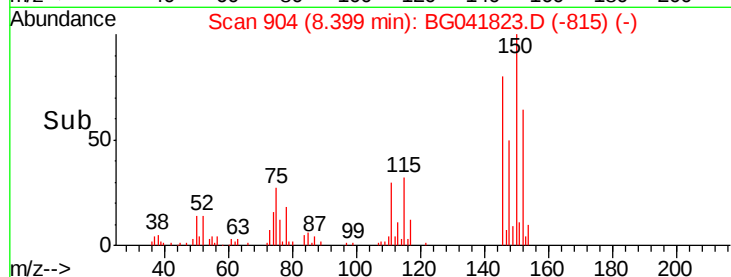
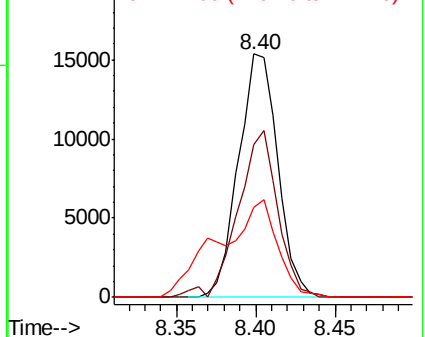


Abundance

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: 2.977 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

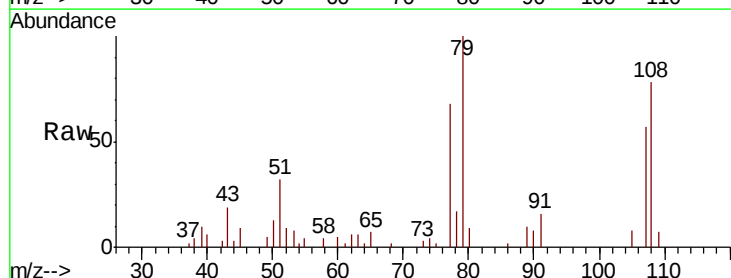
Tgt Ion: 79 Resp: 17310

Ion Ratio Lower Upper

79 100

108 78.4 60.5 90.7

77 67.6 50.6 75.8

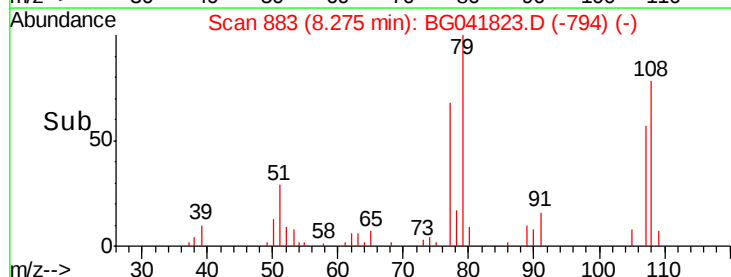
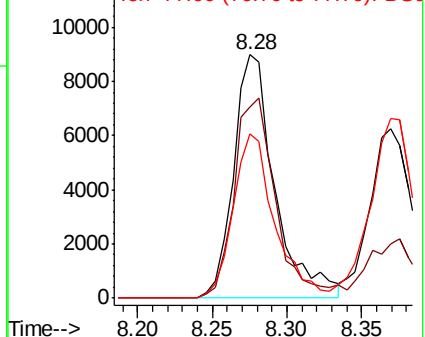


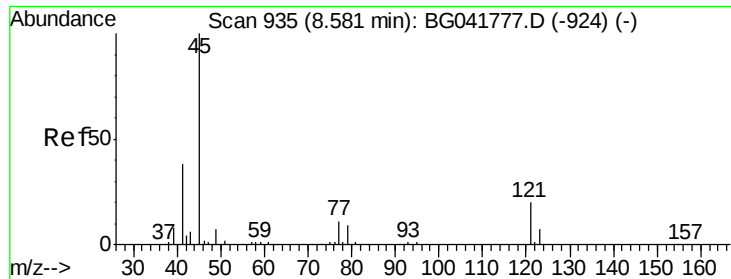
Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

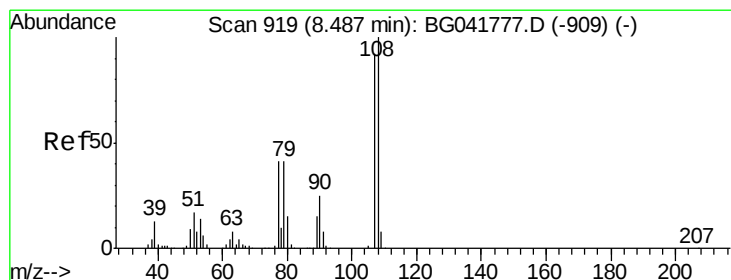
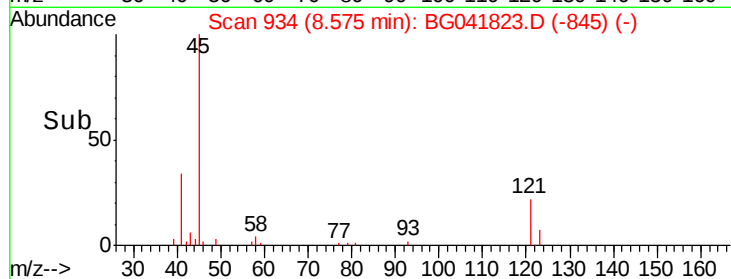
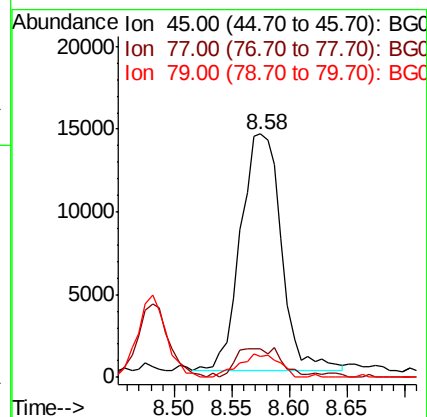
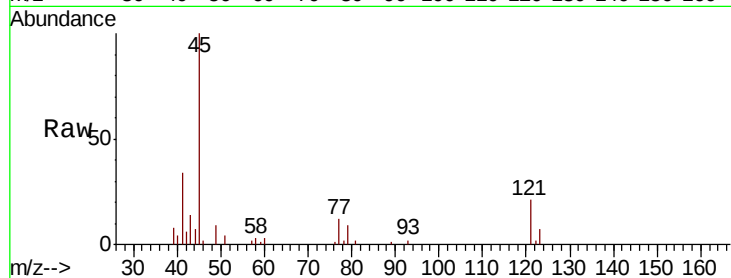




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 3.141 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

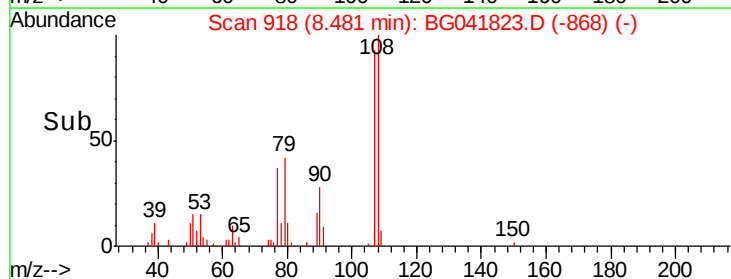
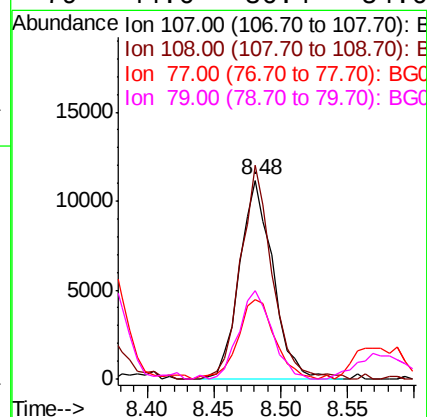
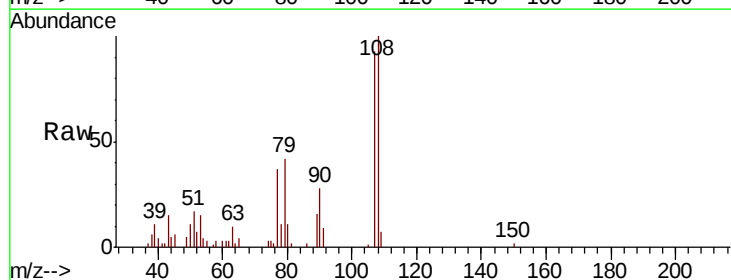
Instrument :
BNA_G
ClientSampleId :
OR-03-072919-A

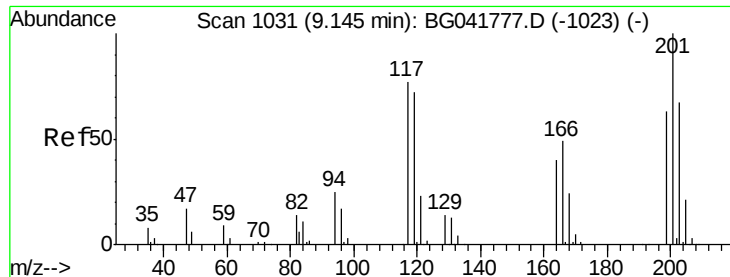
Tot Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	30.4
79	8.6	0.0	27.9



#17
2-Methylphenol
Concen: 3.472 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	107.4	87.6	131.4
77	39.7	36.1	54.1
79	44.6	36.4	54.6

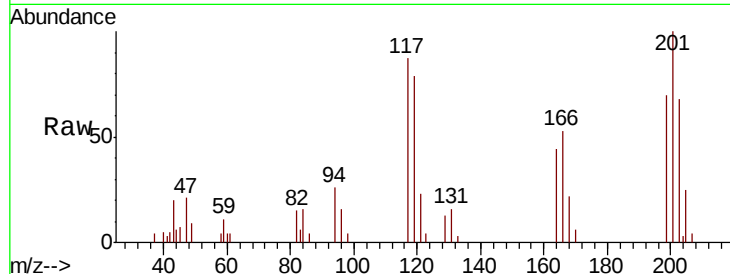




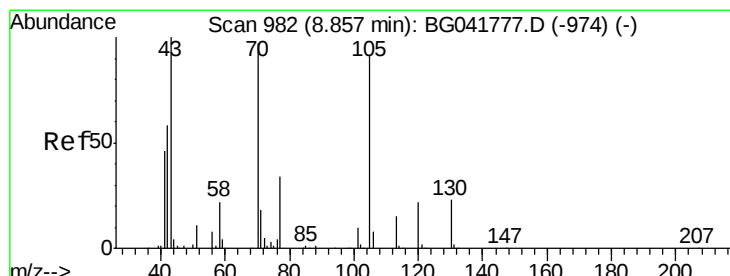
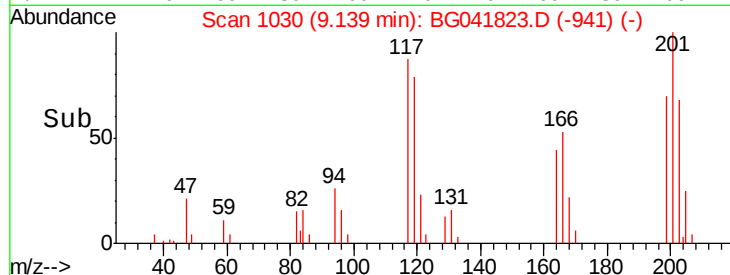
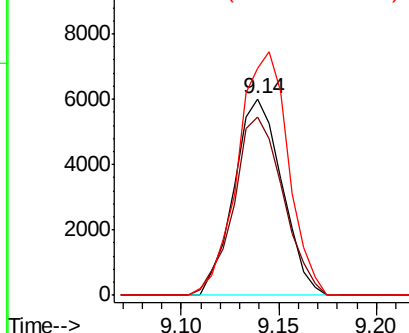
#18
 Hexachloroethane
 Concen: 3.633 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BG041823.D
 Acq: 31 Jul 2019 4:53

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-A

Tot Ion:117 Resp: 10200
 Ion Ratio Lower Upper
 117 100
 119 90.8 76.2 114.2
 201 115.5 94.1 141.1

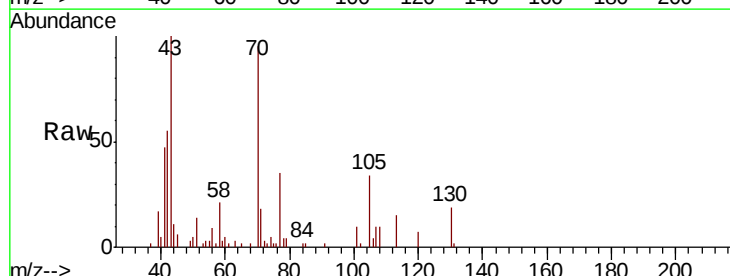


Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E

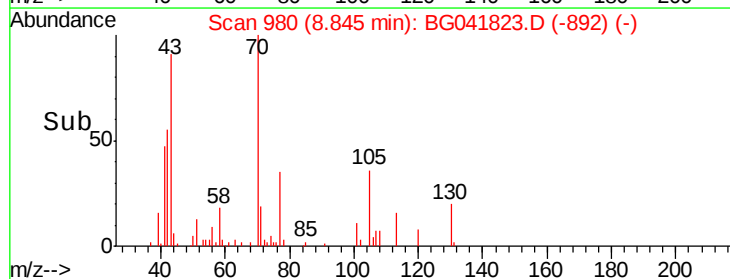
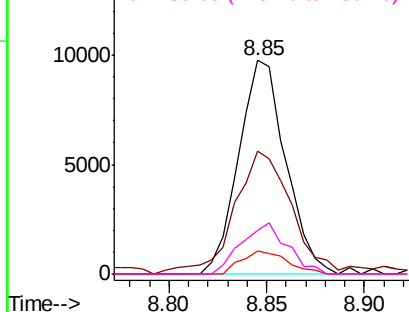


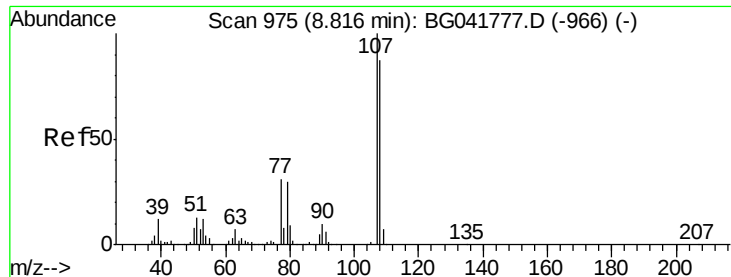
#19
 n-Nitroso-di-n-propylamine
 Concen: 3.028 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BG041823.D
 Acq: 31 Jul 2019 4:53

Tgt Ion: 70 Resp: 16248
 Ion Ratio Lower Upper
 70 100
 42 57.6 55.8 83.6
 101 10.6 8.1 12.1
 130 20.5 17.3 25.9



Abundance Ion 70.00 (69.70 to 70.70): BGC
 Ion 42.00 (41.70 to 42.70): BGC
 Ion 101.00 (100.70 to 101.70): BGC
 Ion 130.00 (129.70 to 130.70): BGC

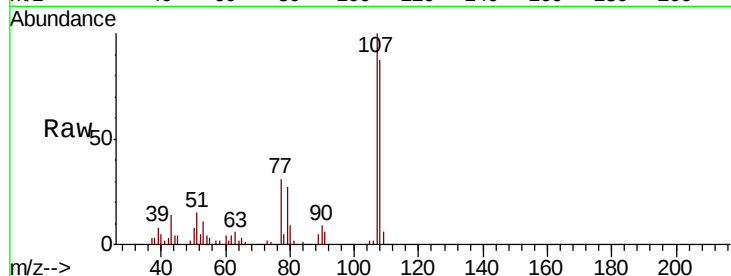




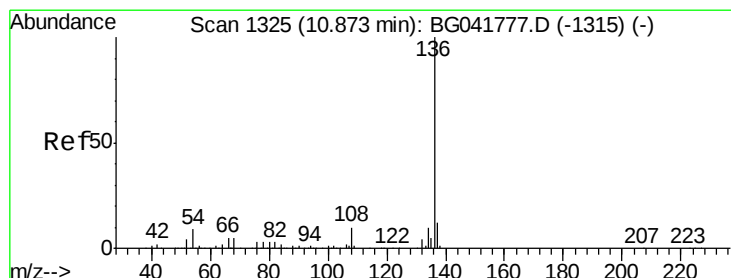
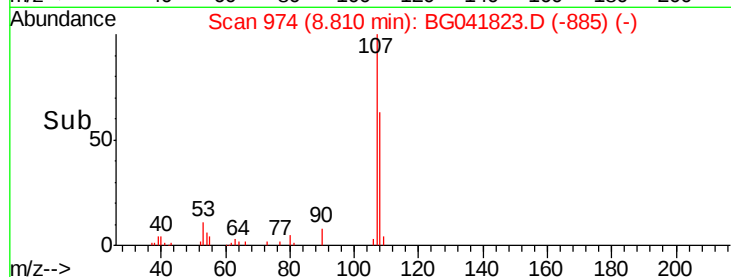
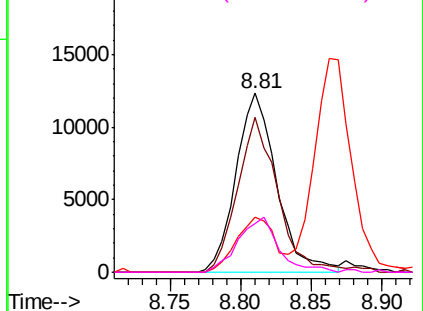
#20
3+4-Methylphenols
Concen: 3.250 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-A

Tot Ion:107	Resp:	24865
Ion Ratio	Lower	Upper
107	100	
108	86.9	67.5 107.5
77	31.0	12.3 52.3
79	27.3	8.3 48.3

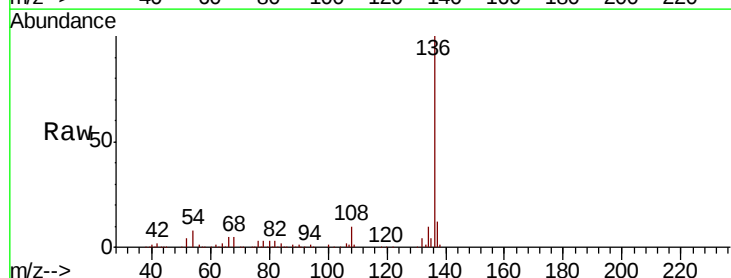


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

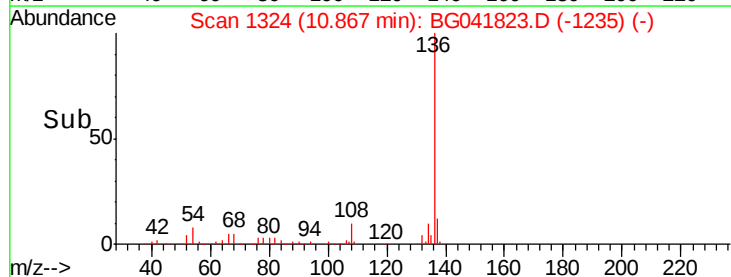
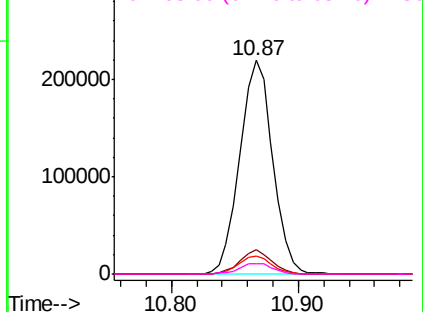


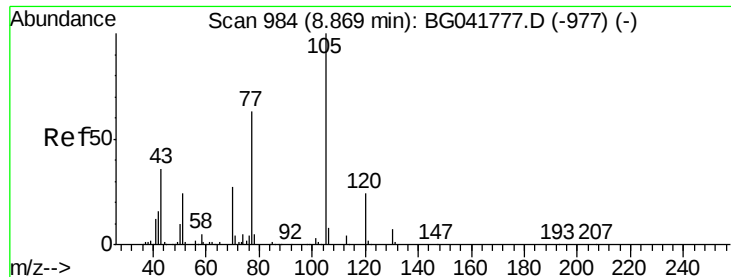
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Tgt Ion:136	Resp:	394754
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.2 13.8
54	8.3	8.7 13.1#
68	4.9	5.5 8.3#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 4.061 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

Tot Ion:105 Resp: 35856

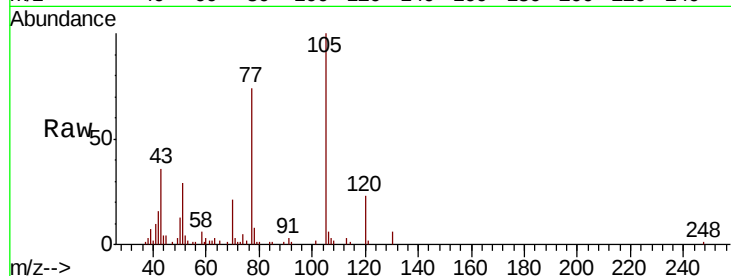
Ion Ratio Lower Upper

105 100

71 2.9 5.9 8.9#

51 29.1 27.7 41.5

120 22.8 19.3 28.9

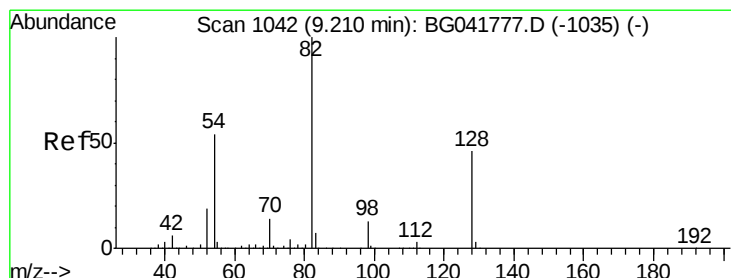
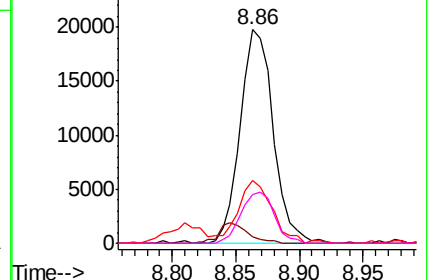
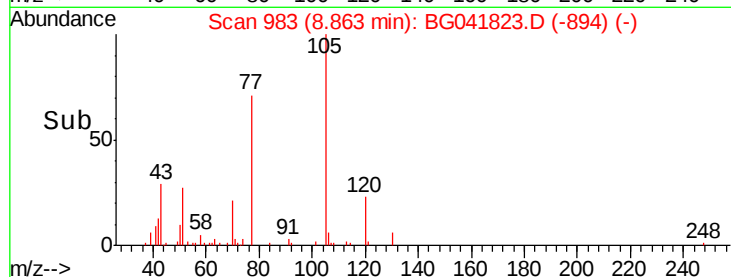


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 108.939 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

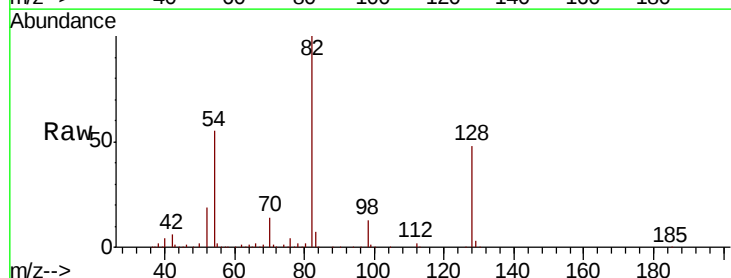
Tgt Ion: 82 Resp: 624913

Ion Ratio Lower Upper

82 100

128 48.2 35.1 52.7

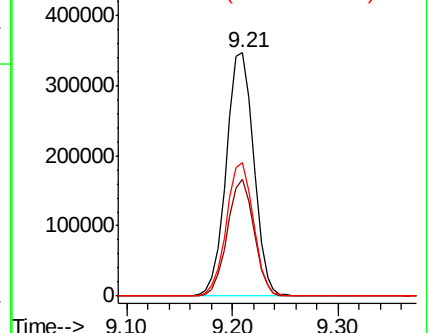
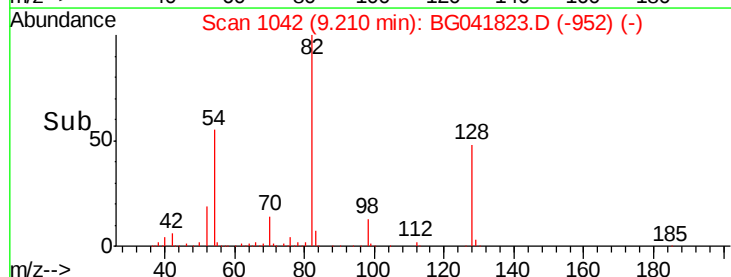
54 54.7 48.7 73.1

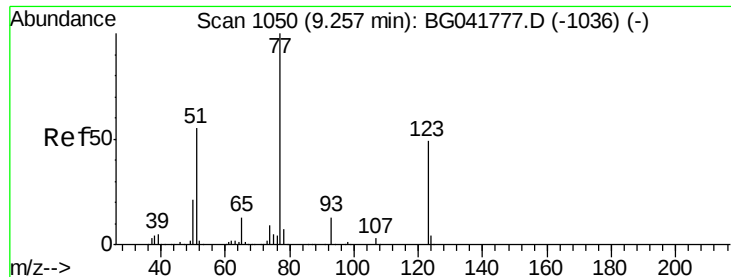


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

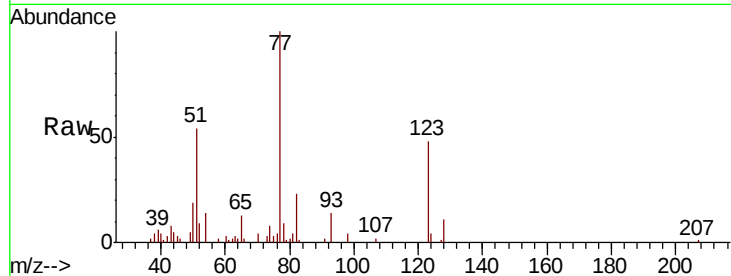




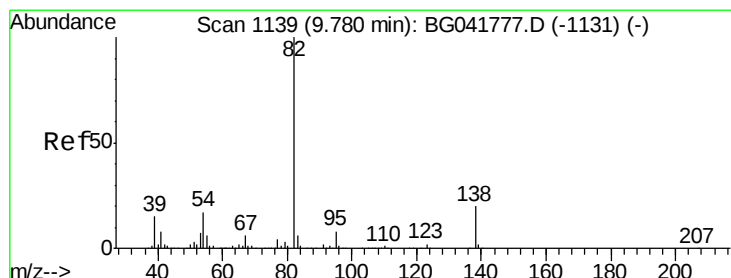
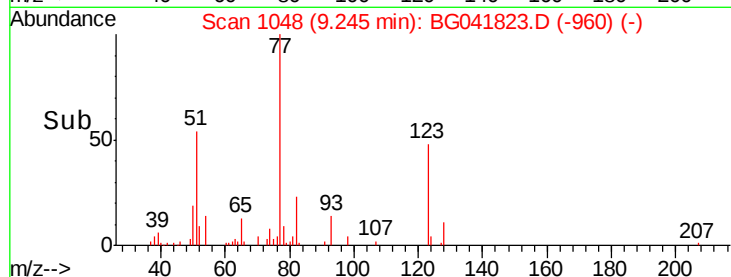
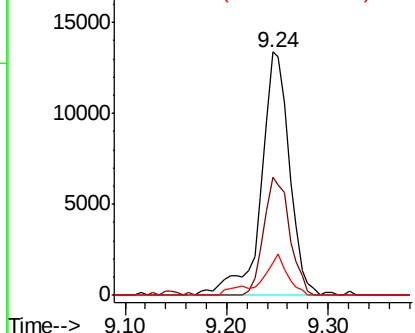
#24
 Nitrobenzene
 Concen: 4.292 ng
 RT: 9.24 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG041823.D
 Acq: 31 Jul 2019 4:53

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-A

Tot Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.1	57.1
65	13.1	11.0	16.6

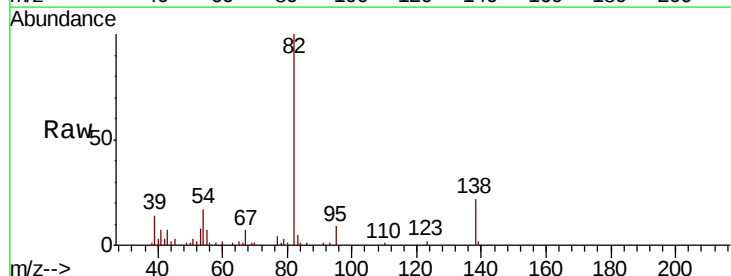


Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

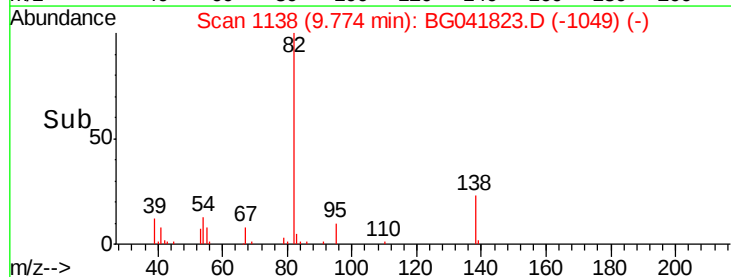
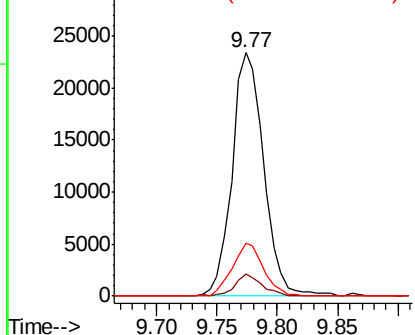


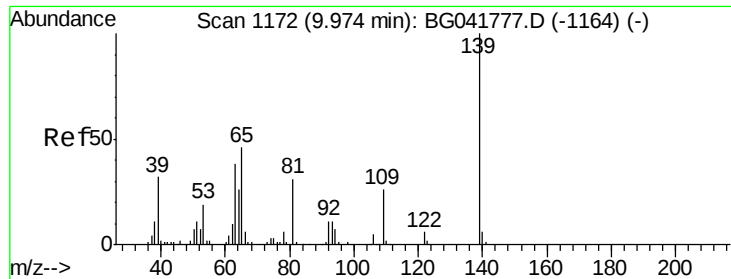
#25
 Isophorone
 Concen: 3.444 ng
 RT: 9.77 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BG041823.D
 Acq: 31 Jul 2019 4:53

Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.0	5.9	8.9#
138	21.5	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

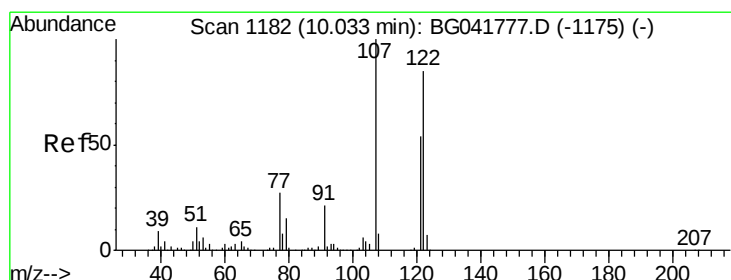
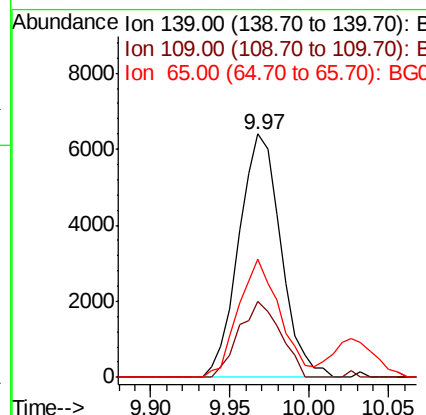
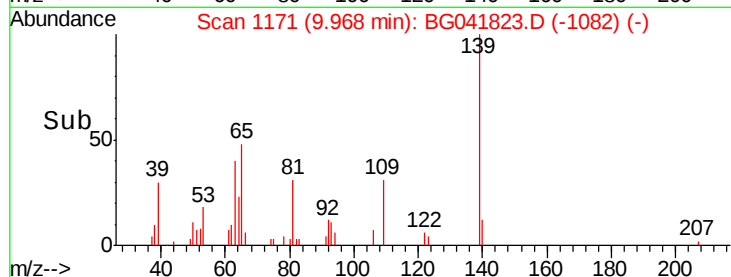
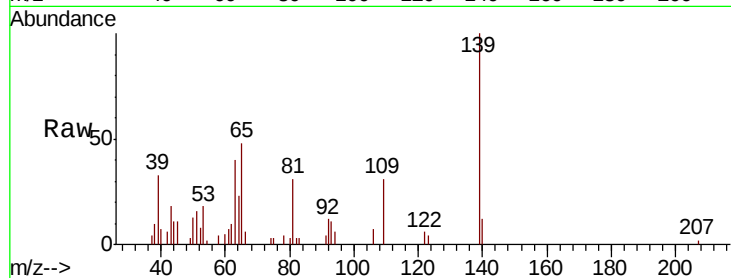




#26
2-Nitrophenol
Concen: 4.205 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

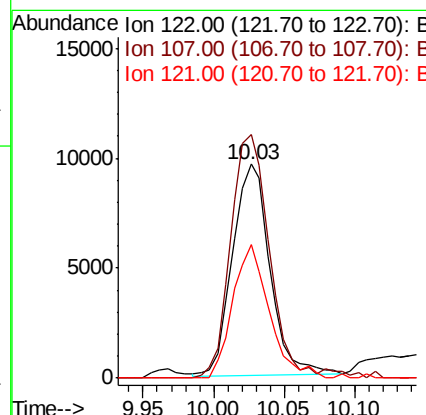
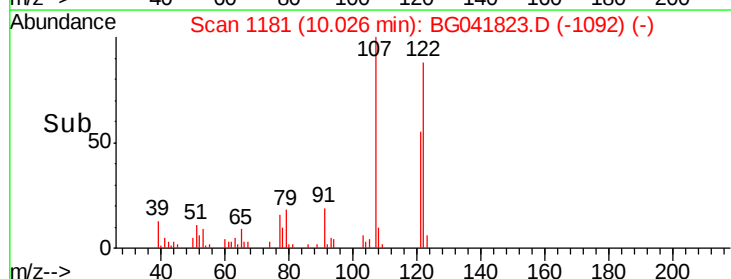
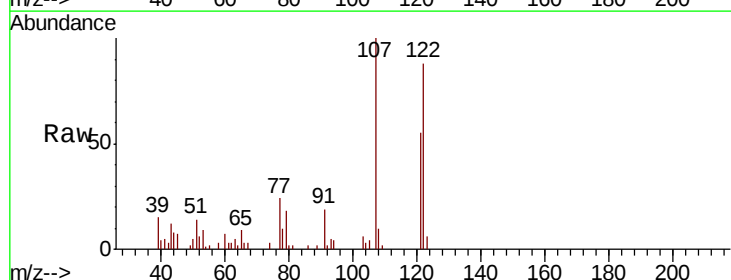
Instrument :
BNA_G
ClientSampleId :
OR-03-072919-A

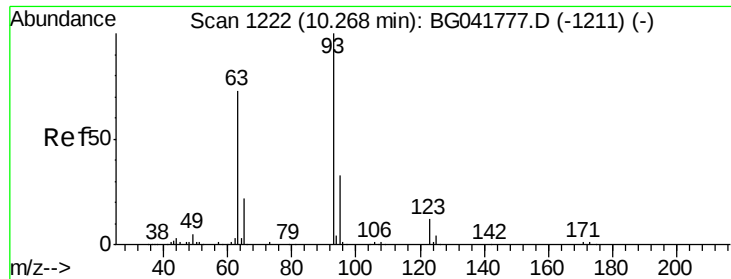
Tot Ion	Ratio	Lower	Upper
139	100		
109	31.1	22.7	34.1
65	48.4	41.1	61.7



#27
2,4-Dimethylphenol
Concen: 3.587 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.8	91.3	136.9
121	62.4	49.2	73.8

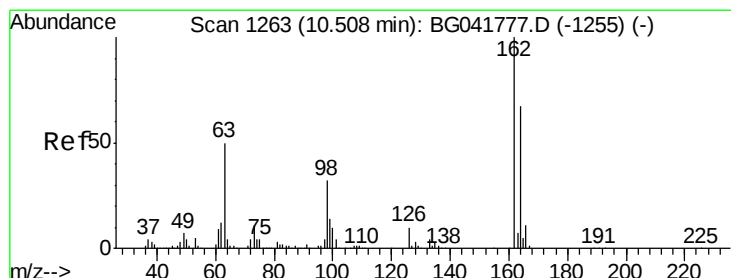
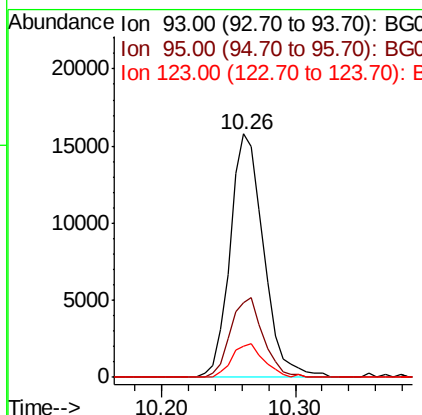
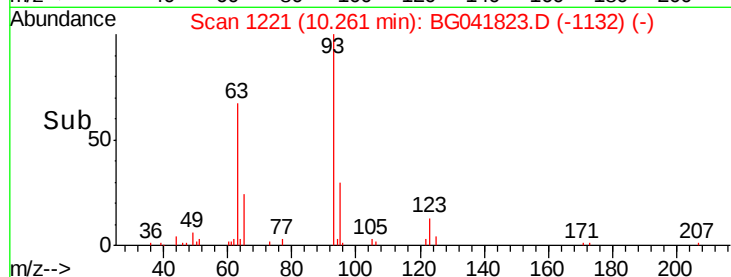
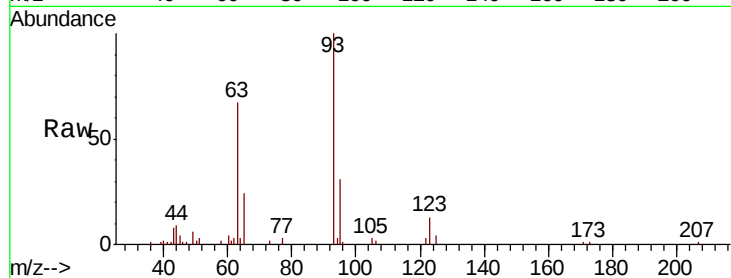




#28
bis(2-Chloroethoxy)methane
Concen: 3.537 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

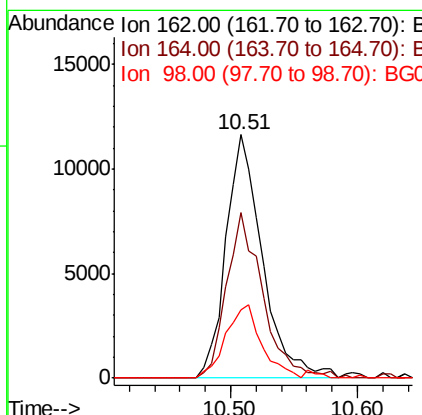
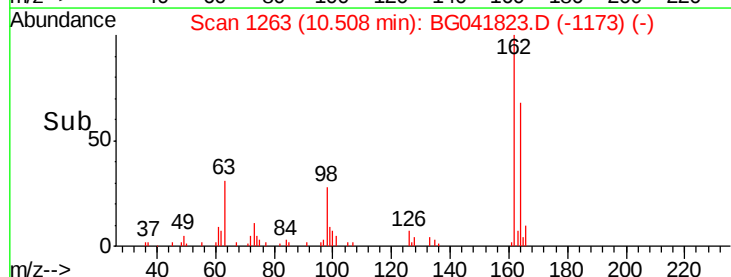
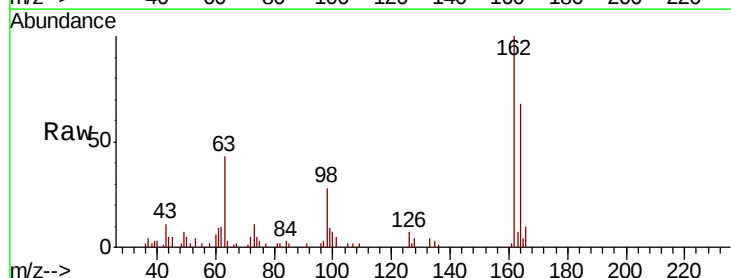
Instrument :
BNA_G
ClientSampleId :
OR-03-072919-A

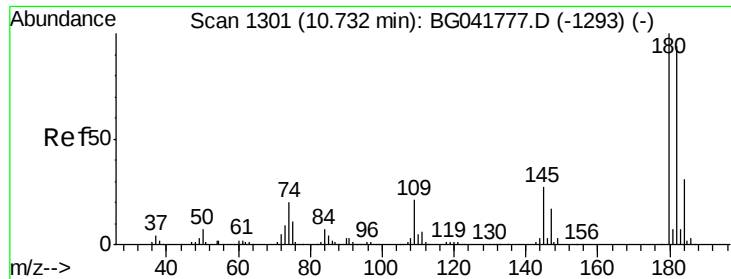
Tot Ion	Ratio	Lower	Upper
93	100		
95	30.6	26.2	39.4
123	12.9	9.9	14.9



#29
2,4-Dichlorophenol
Concen: 3.842 ng
RT: 10.51 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.9	46.1	86.1
98	27.8	14.7	54.7

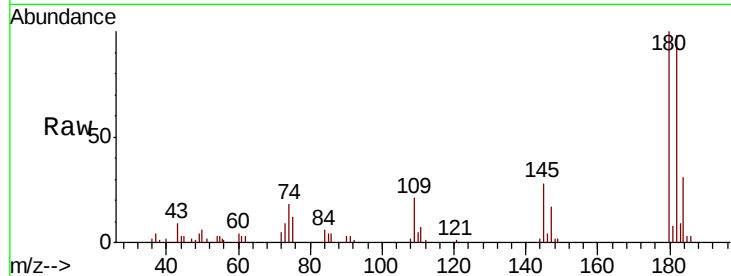




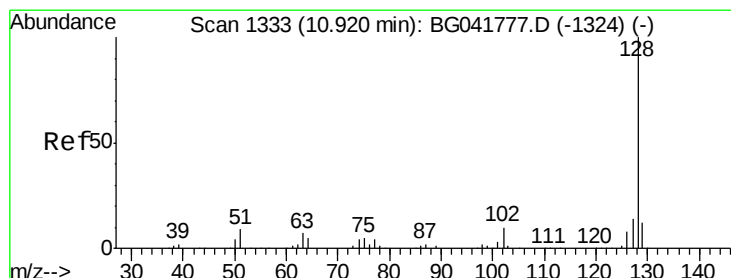
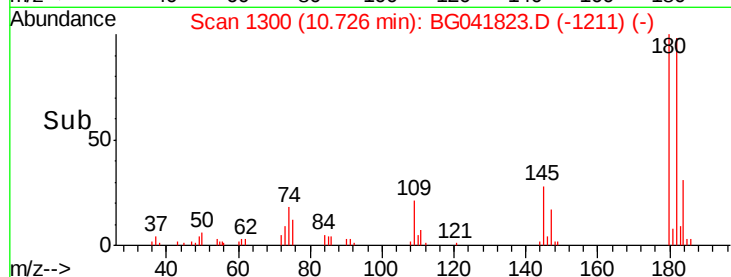
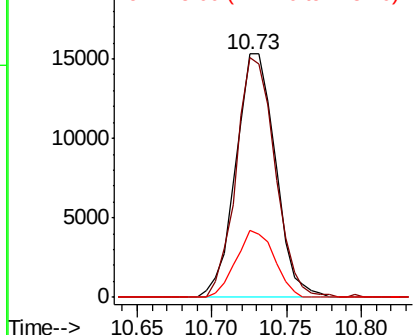
#30
1,2,4-Trichlorobenzene
Concen: 3.690 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-A

Tot Ion:180 Resp: 28206
Ion Ratio Lower Upper
180 100
182 98.3 76.2 114.2
145 27.7 23.8 35.8

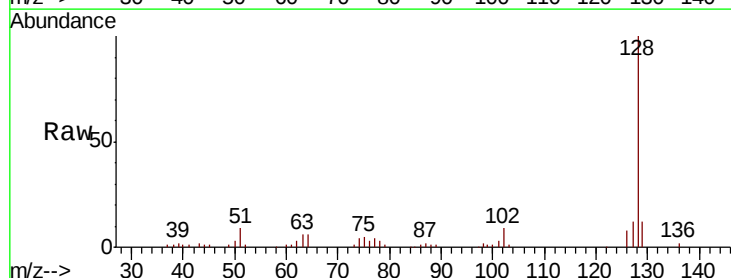


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

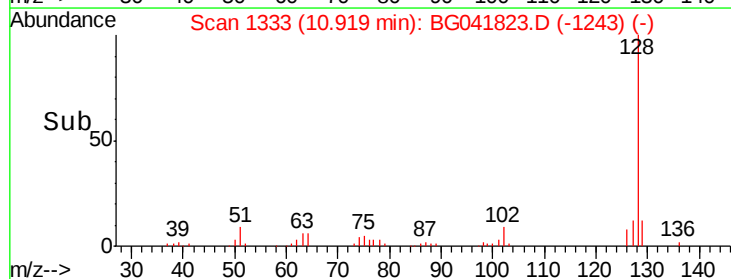
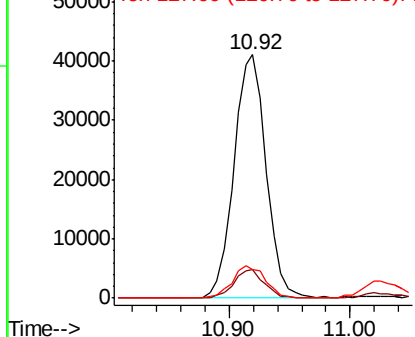


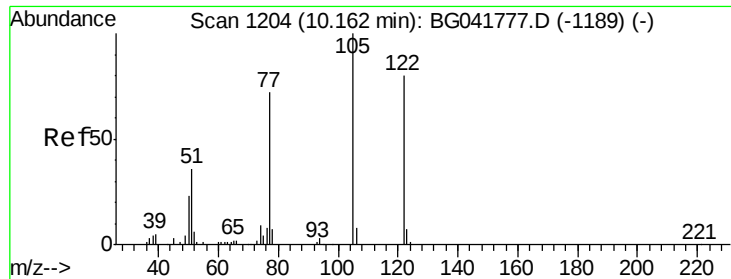
#31
Naphthalene
Concen: 4.193 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Tgt Ion:128 Resp: 75750
Ion Ratio Lower Upper
128 100
129 11.5 10.0 15.0
127 11.9 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

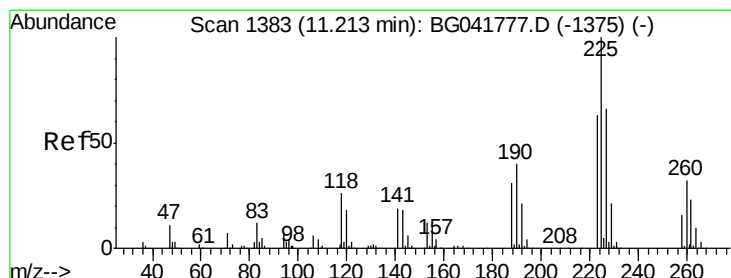
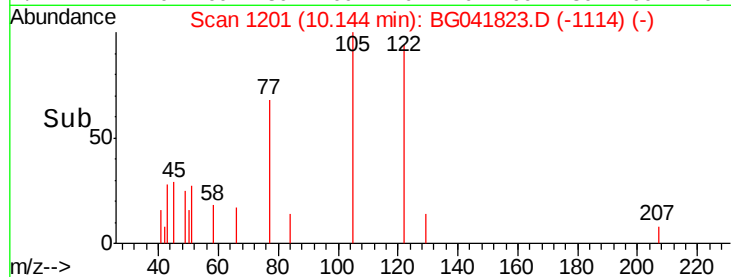
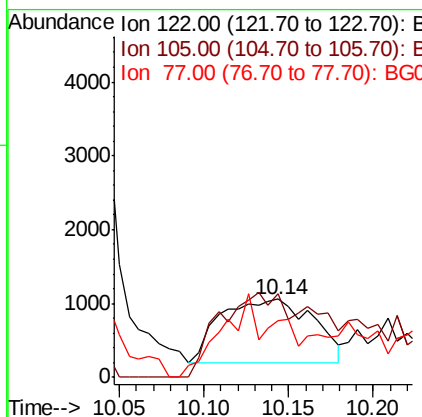
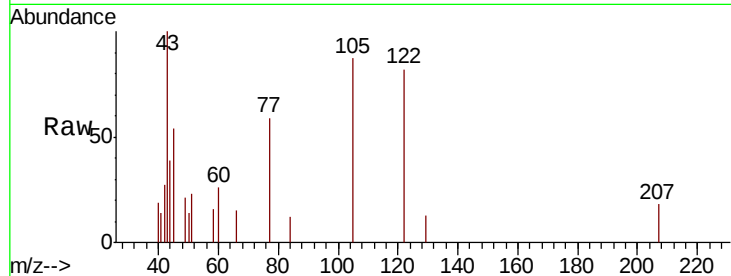




#32
Benzoic acid
Concen: 9.479 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

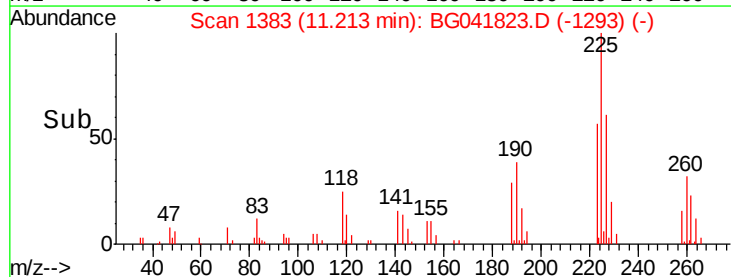
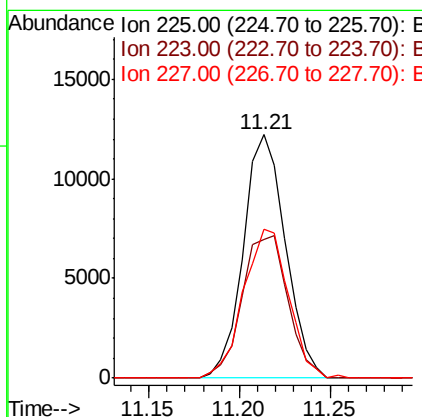
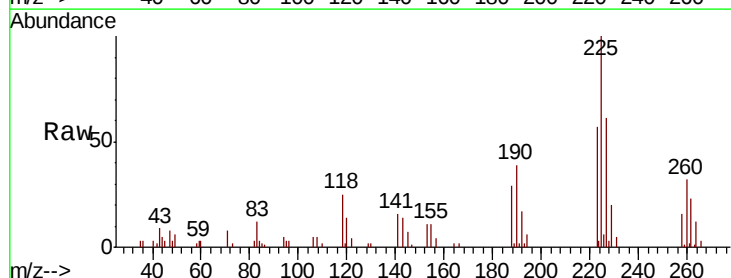
Instrument :
BNA_G
ClientSampleId :
OR-03-072919-A

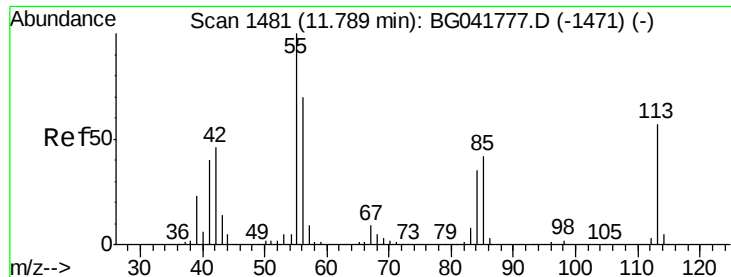
Tot Ion:122 Resp: 3243
Ion Ratio Lower Upper
122 100
105 106.7 101.5 141.5
77 72.8 73.0 113.0#



#34
Hexachlorobutadiene
Concen: 3.817 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Tgt Ion:225 Resp: 19693
Ion Ratio Lower Upper
225 100
223 56.7 51.1 76.7
227 64.6 50.9 76.3





#35

Caprolactam

Concen: 3.464 ng

RT: 11.77 min Scan# 1478

Delta R.T. -0.02 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

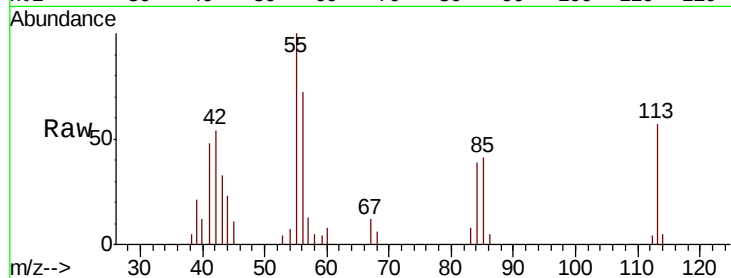
Tot Ion:113 Resp: 7258

Ion Ratio Lower Upper

113 100

55 177.0 199.4 239.4#

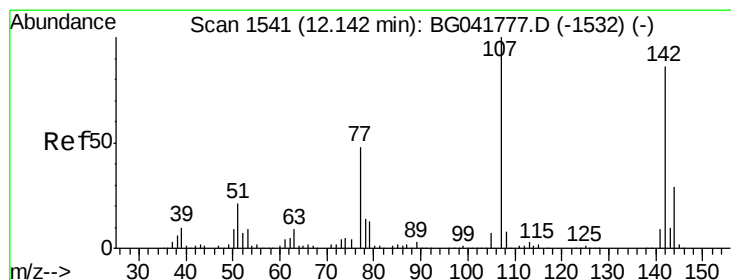
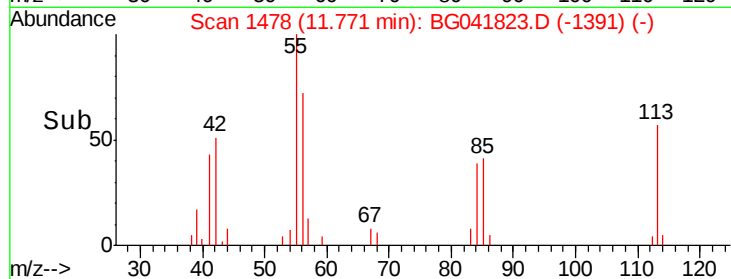
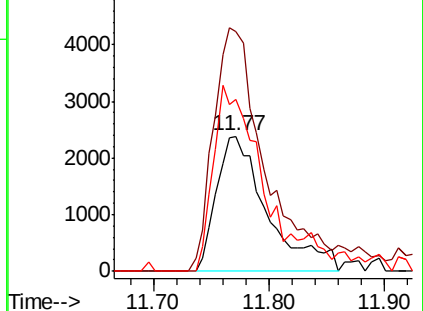
56 126.7 133.6 173.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 3.911 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

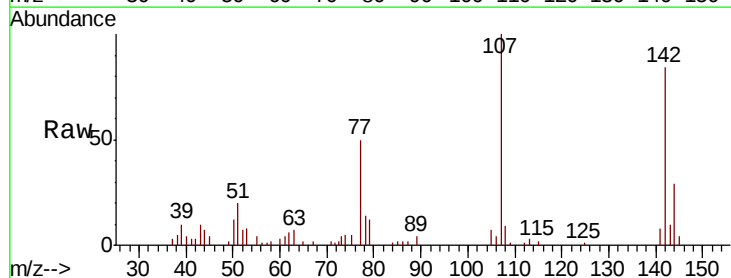
Tgt Ion:107 Resp: 23377

Ion Ratio Lower Upper

107 100

144 28.8 22.2 33.2

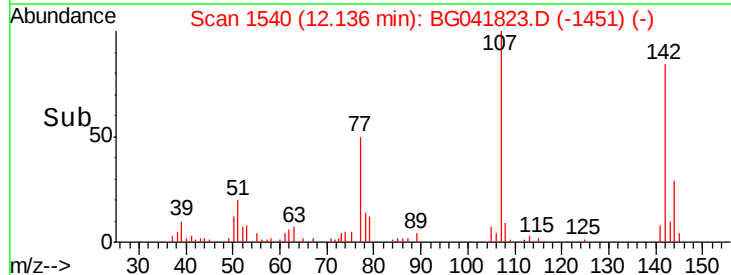
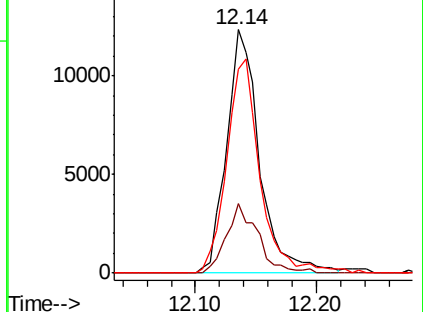
142 83.7 67.3 100.9

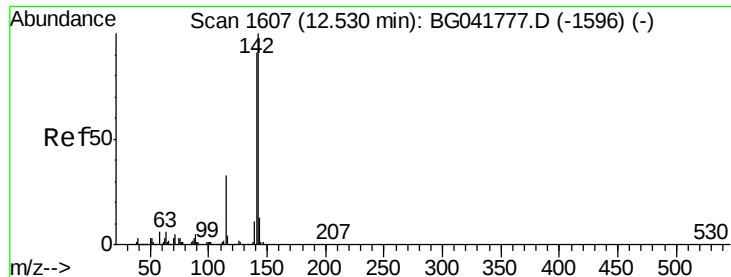


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

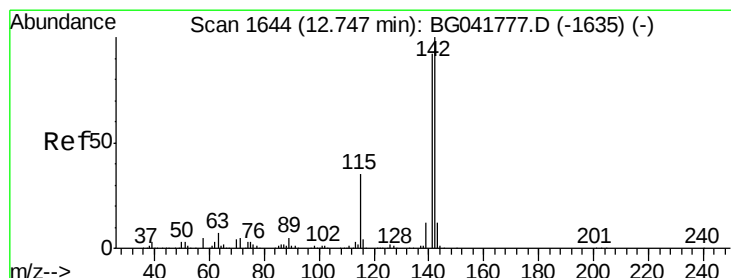
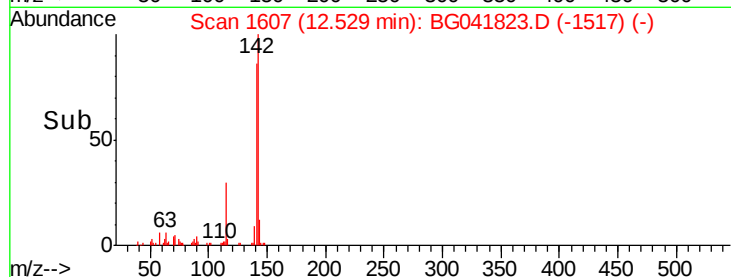
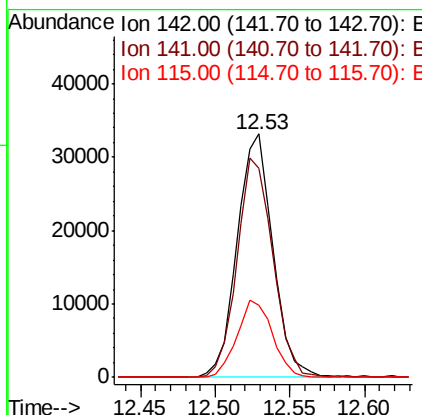
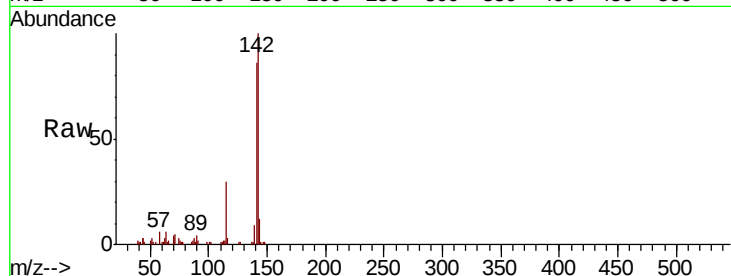




#37
2-Methylnaphthalene
Concen: 3.841 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

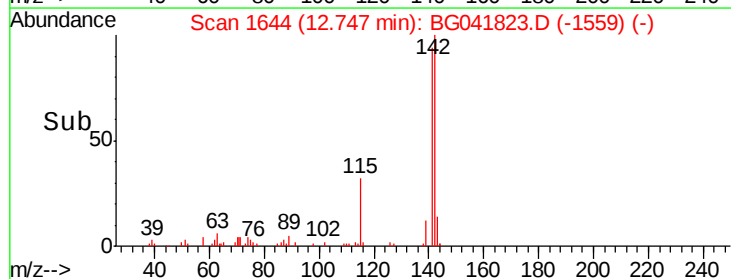
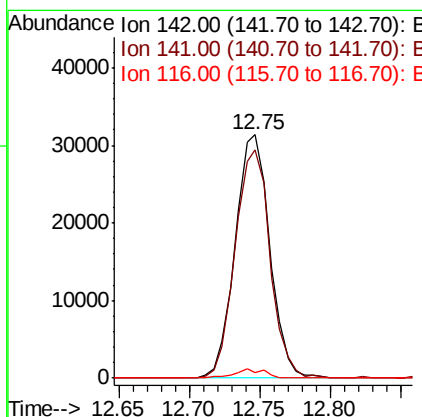
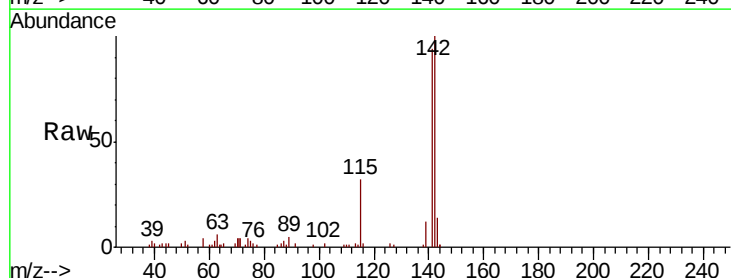
Instrument :
BNA_G
ClientSampleId :
OR-03-072919-A

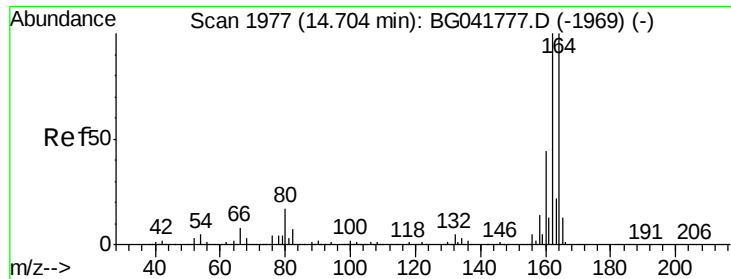
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.0	72.7	109.1
115	29.5	27.0	40.4



#38
1-Methylnaphthalene
Concen: 3.965 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.4	113.2
116	2.2	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

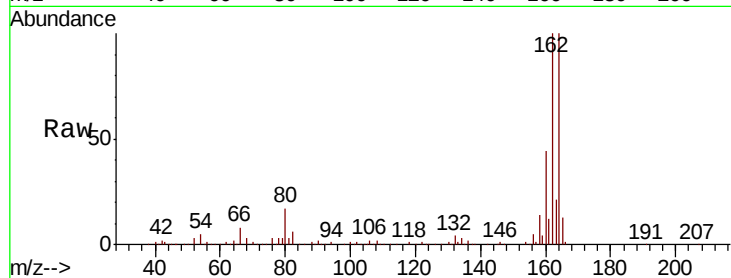
Tot Ion:164 Resp: 275866

Ion Ratio Lower Upper

164 100

162 99.7 79.6 119.4

160 43.9 35.4 53.0

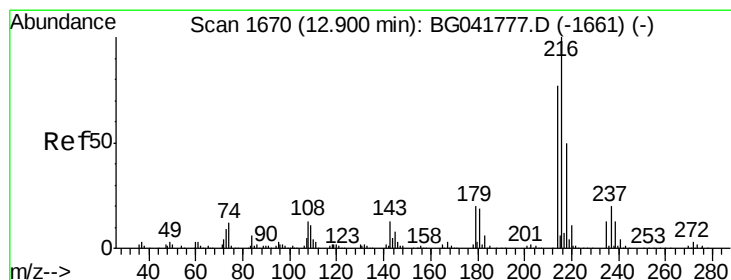
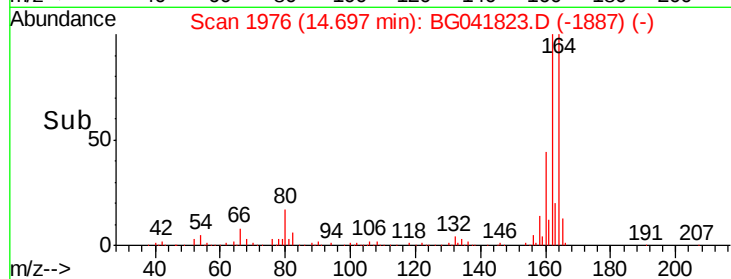
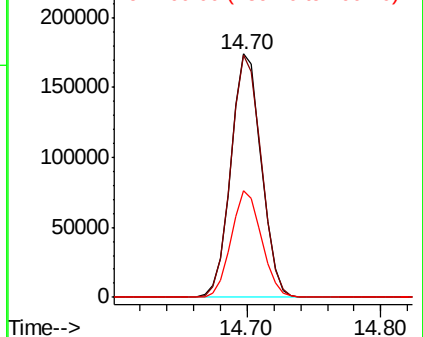


Abundance

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: 3.979 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Tgt Ion:216 Resp: 34749

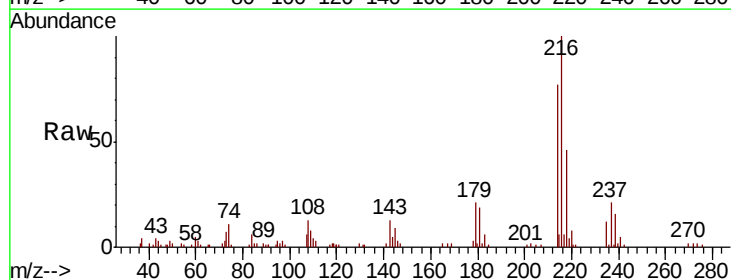
Ion Ratio Lower Upper

216 100

214 78.6 61.5 92.3

179 20.0 16.2 24.2

108 13.3 13.2 19.8



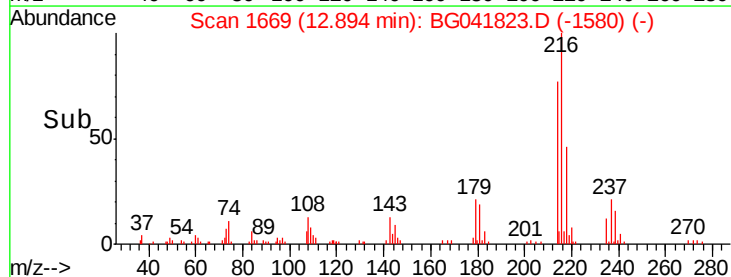
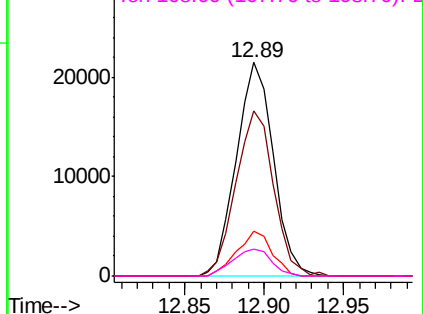
Abundance

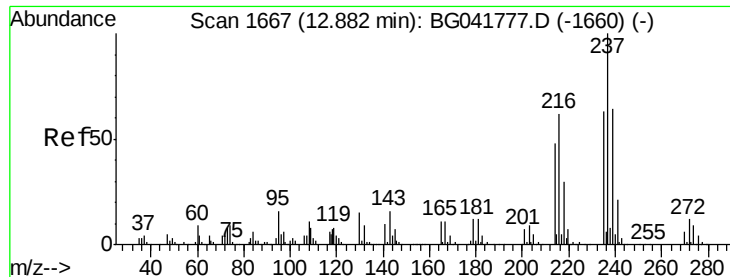
Ion 216.00 (215.70 to 216.70): E

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: 3.032 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

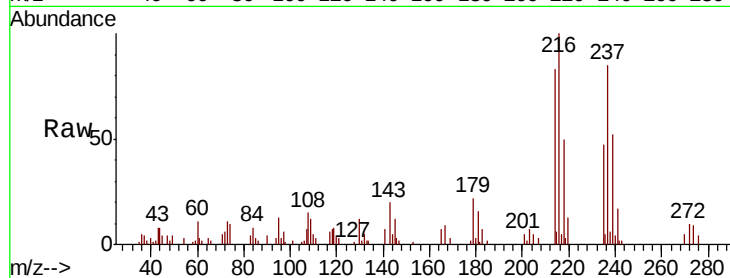
Tot Ion:237 Resp: 14886

Ion Ratio Lower Upper

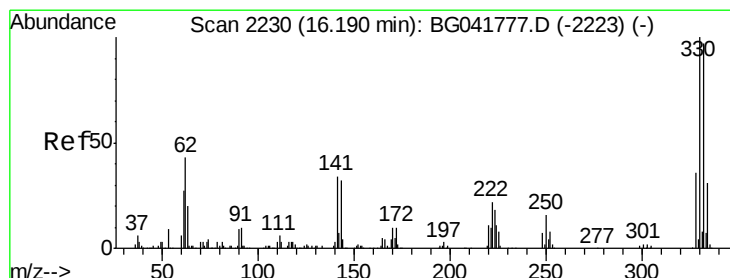
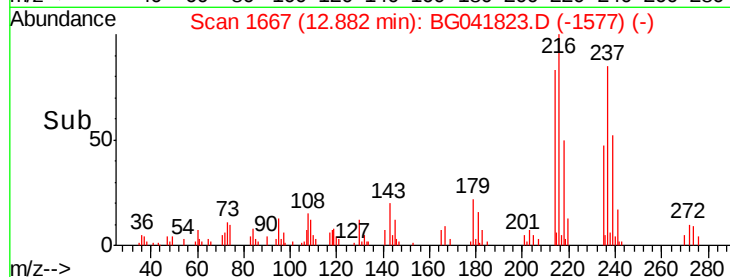
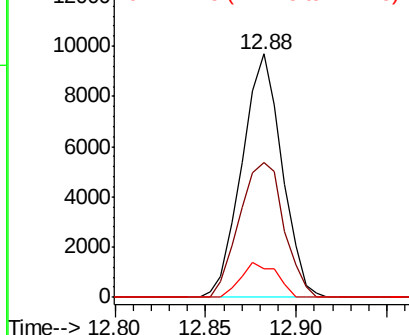
237 100

235 55.2 43.5 83.5

272 11.8 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: 165.245 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

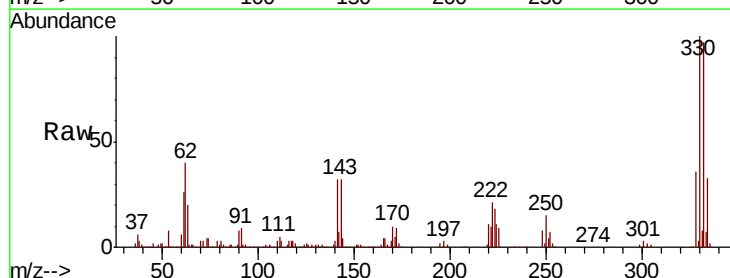
Tgt Ion:330 Resp: 517788

Ion Ratio Lower Upper

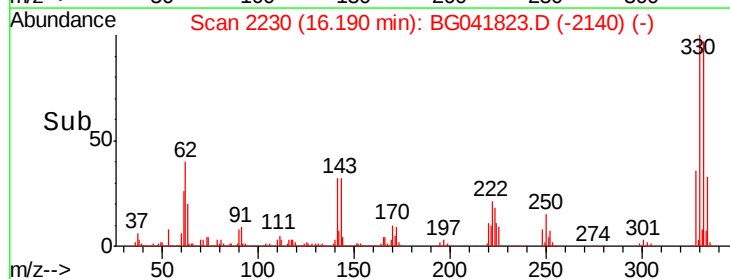
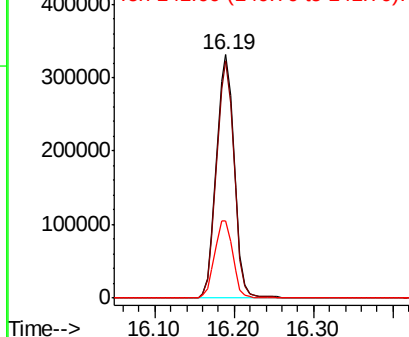
330 100

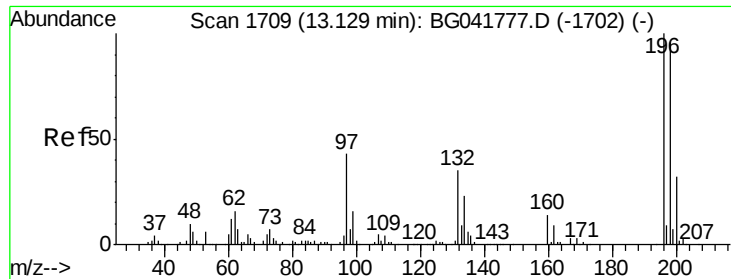
332 96.2 77.4 116.0

141 32.3 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

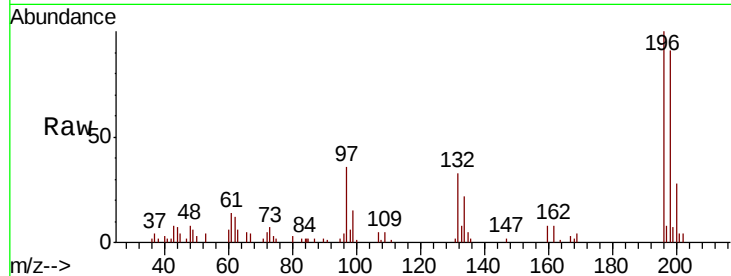




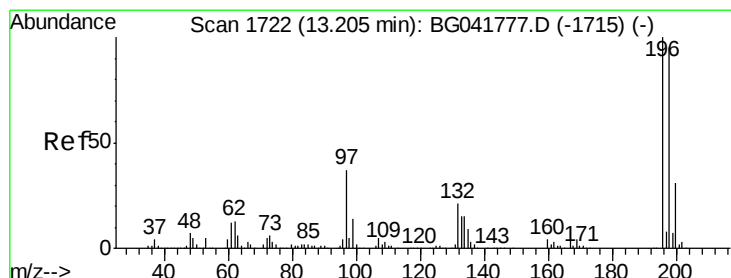
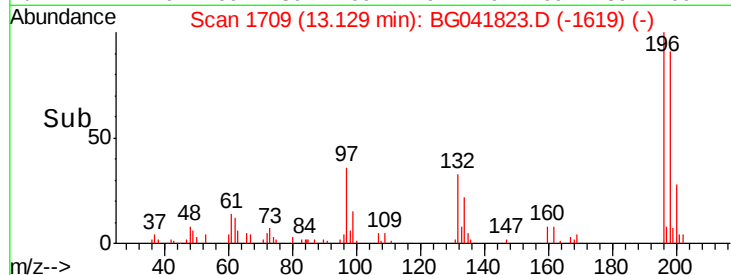
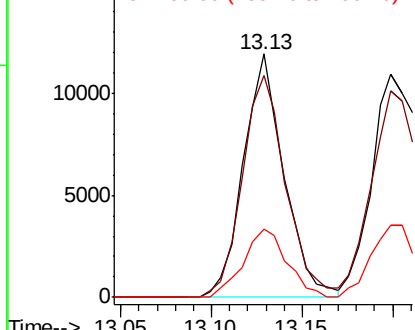
#43
 2,4,6-Trichlorophenol
 Concen: 3.366 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG041823.D
 Acq: 31 Jul 2019 4:53

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-A

Tot Ion:196 Resp: 18578
 Ion Ratio Lower Upper
 196 100
 198 91.4 79.6 119.4
 200 28.0 25.2 37.8

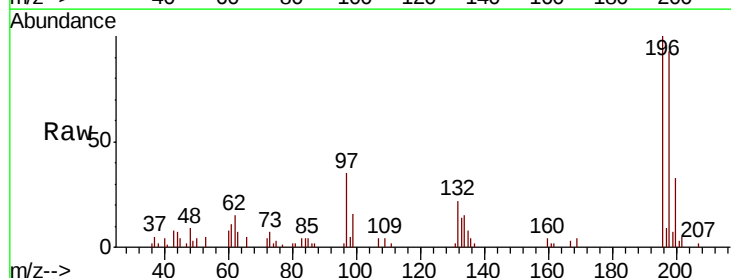


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

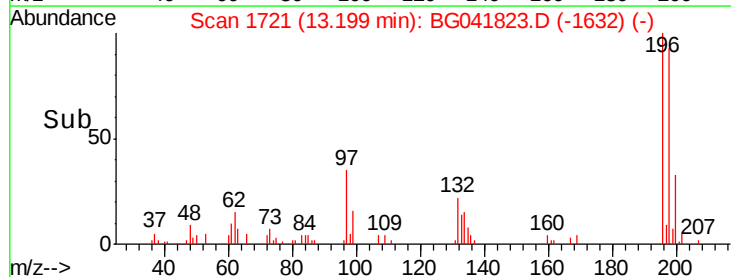
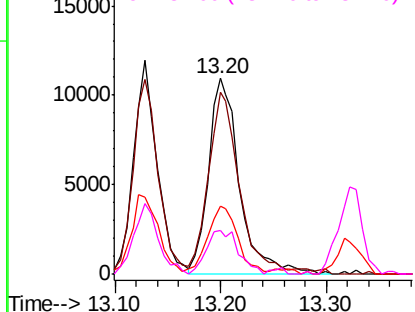


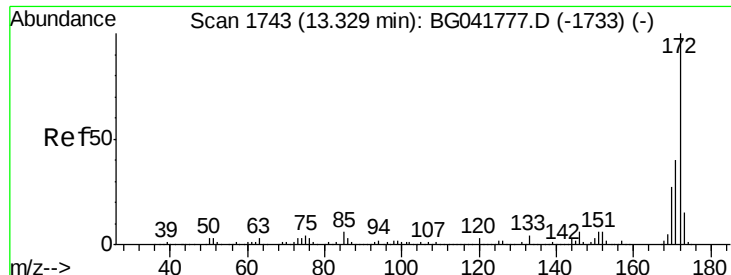
#44
 2,4,5-Trichlorophenol
 Concen: 3.896 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG041823.D
 Acq: 31 Jul 2019 4:53

Tgt Ion:196 Resp: 22348
 Ion Ratio Lower Upper
 196 100
 198 92.9 80.6 121.0
 97 34.8 33.9 50.9
 132 22.0 20.2 30.2



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



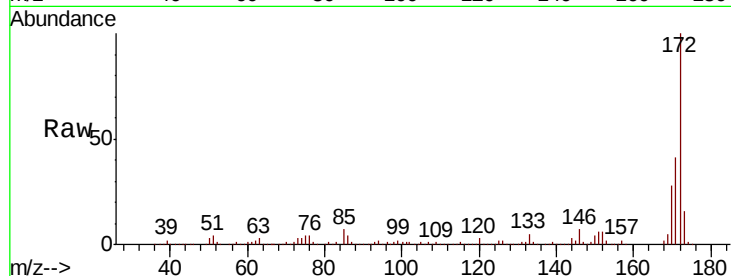


#45
 2-Fluorobiphenyl
 Concen: 100.221 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041823.D
 Acq: 31 Jul 2019 4:53

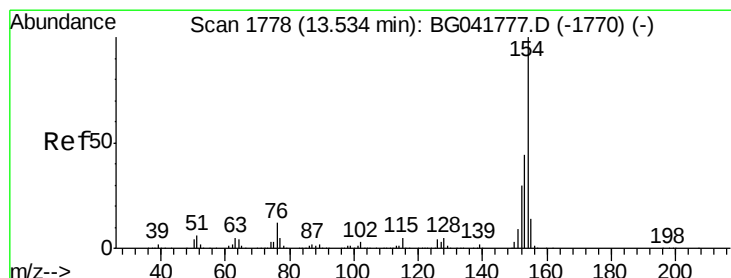
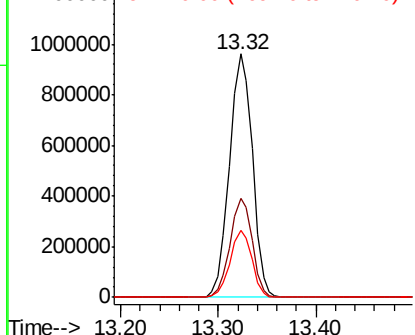
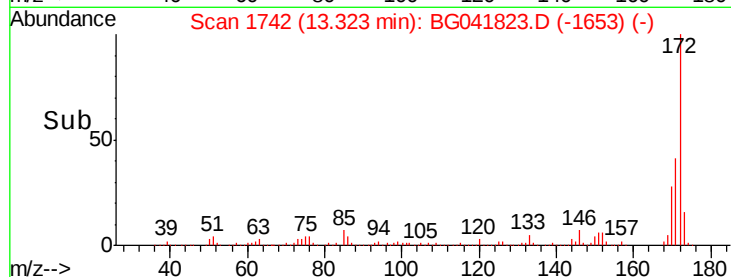
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-A

Tot Ion:172 Resp: 1567562

Ion	Ratio	Lower	Upper
172	100		
171	40.6	35.0	52.4
170	27.8	23.5	35.3



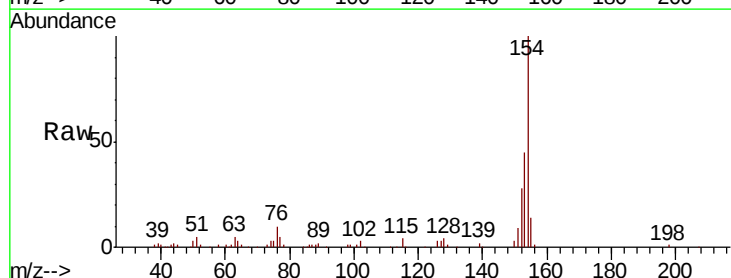
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



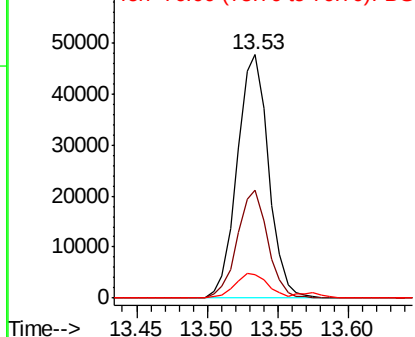
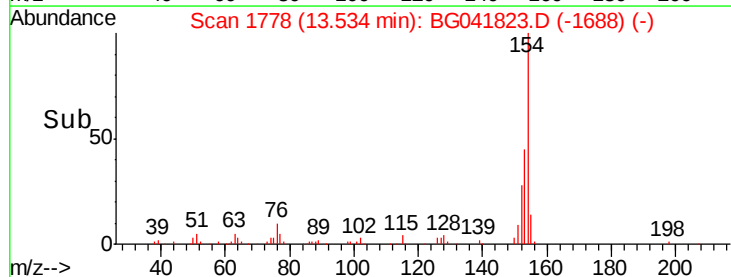
#46
 1,1'-Biphenyl
 Concen: 4.176 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG041823.D
 Acq: 31 Jul 2019 4:53

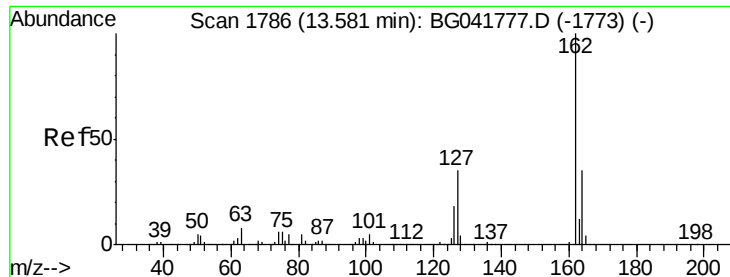
Tgt Ion:154 Resp: 74056

Ion	Ratio	Lower	Upper
154	100		
153	44.5	25.0	65.0
76	9.7	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: 3.742 ng

RT: 13.58 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

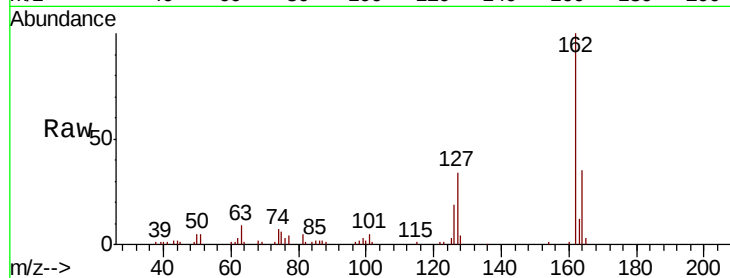
Tot Ion:162 Resp: 56490

Ion Ratio Lower Upper

162 100

127 33.9 30.4 45.6

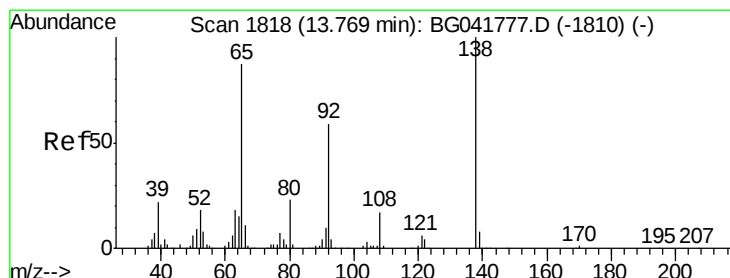
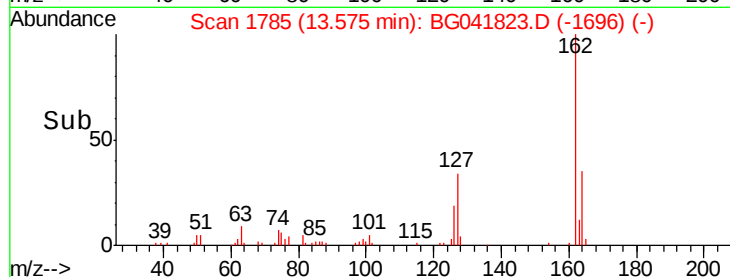
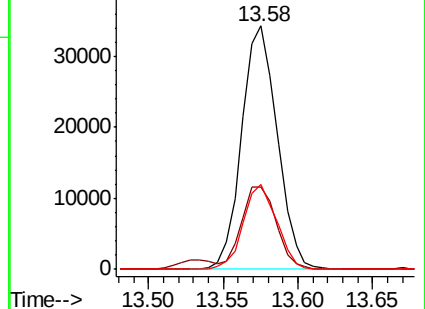
164 35.1 28.6 42.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 3.740 ng

RT: 13.77 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

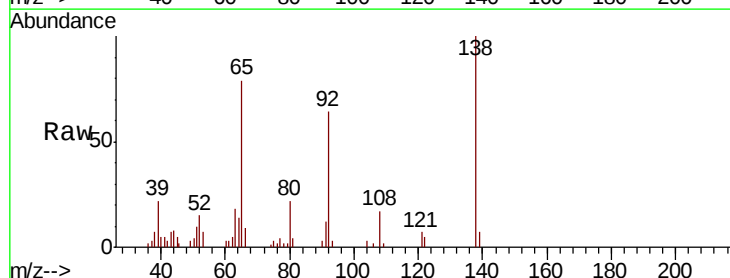
Tgt Ion: 65 Resp: 14323

Ion Ratio Lower Upper

65 100

92 80.3 53.9 80.9

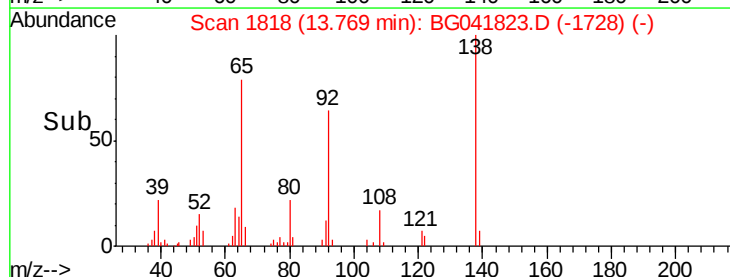
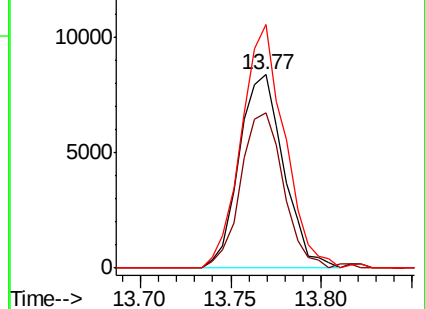
138 126.1 83.5 125.3#

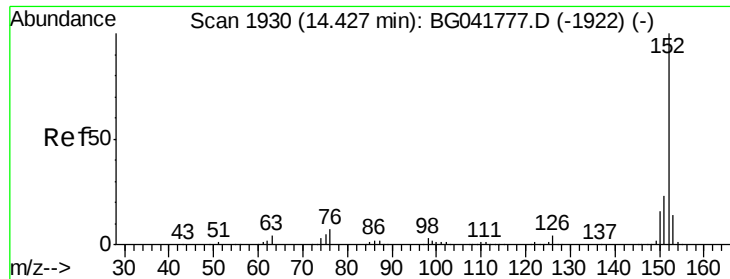


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 4.061 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

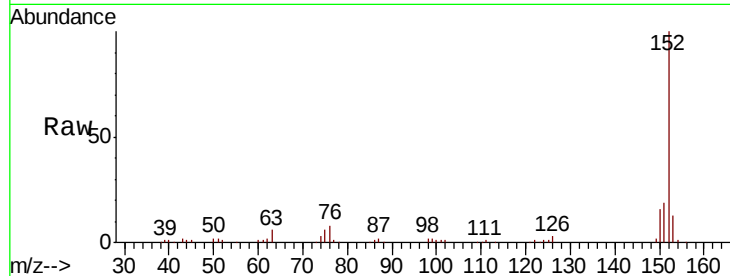
Tot Ion:152 Resp: 91711

Ion Ratio Lower Upper

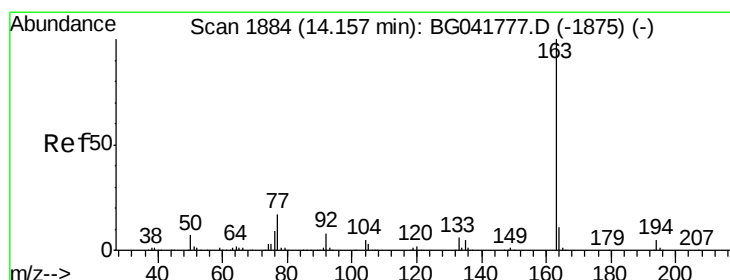
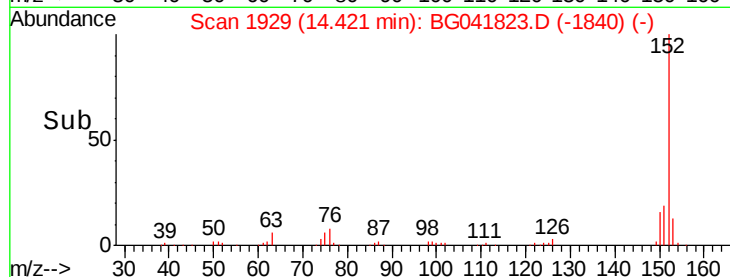
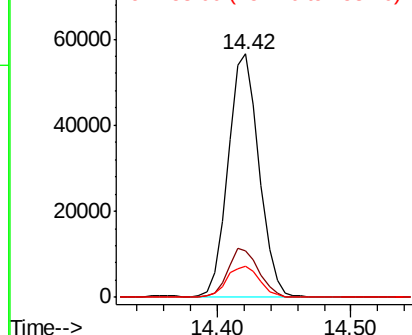
152 100

151 19.3 18.7 28.1

153 12.7 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: 5.171 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

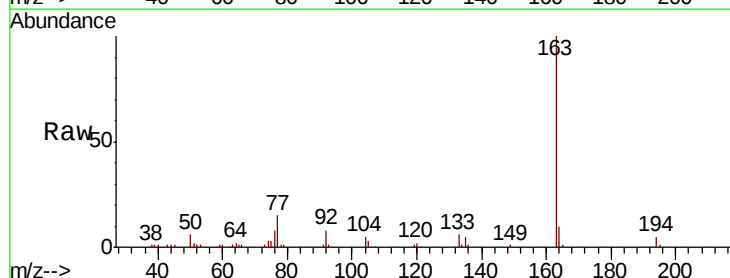
Tgt Ion:163 Resp: 97418

Ion Ratio Lower Upper

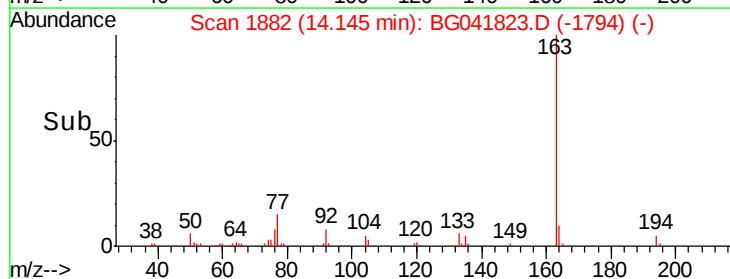
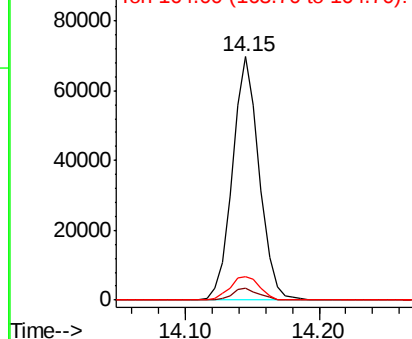
163 100

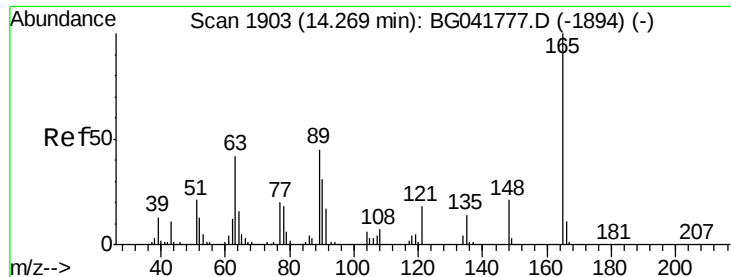
194 4.8 4.2 6.2

164 9.5 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

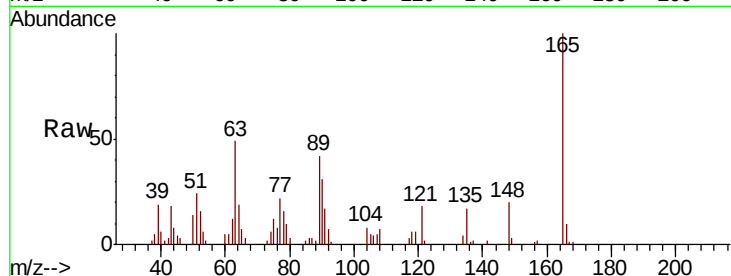




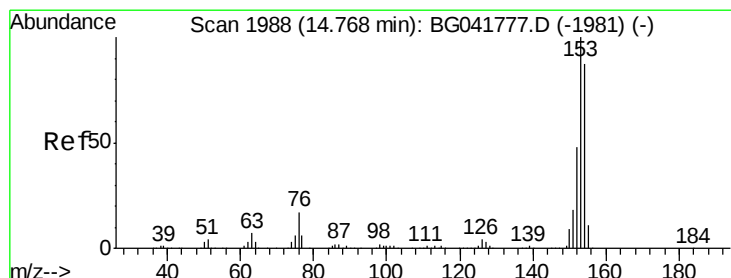
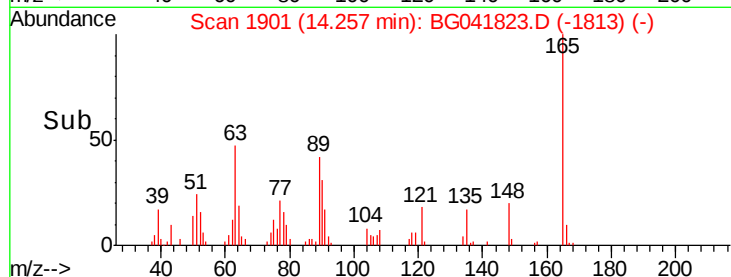
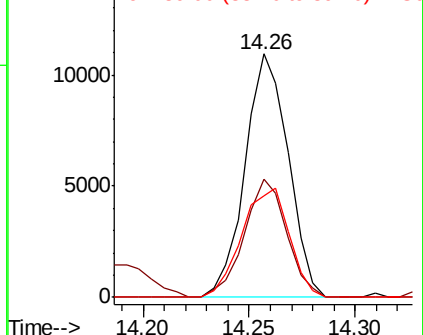
#51
 2,6-Dinitrotoluene
 Concen: 3.937 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG041823.D
 Acq: 31 Jul 2019 4:53

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-A

Tot Ion:165 Resp: 15511
 Ion Ratio Lower Upper
 165 100
 63 48.6 42.4 63.6
 89 41.8 42.1 63.1#

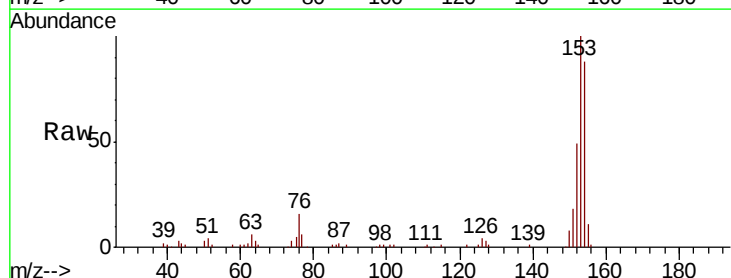


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

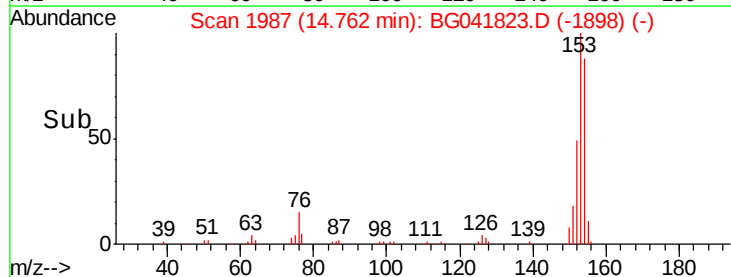
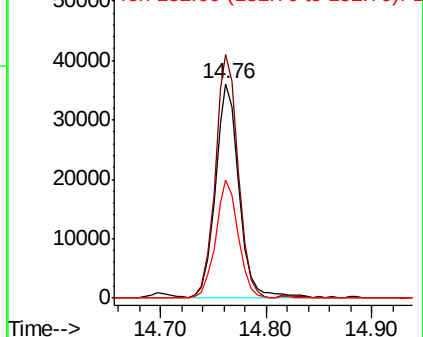


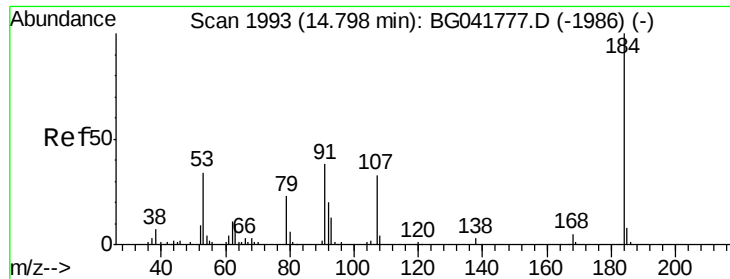
#52
 Acenaphthene
 Concen: 3.850 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BG041823.D
 Acq: 31 Jul 2019 4:53

Tgt Ion:154 Resp: 56559
 Ion Ratio Lower Upper
 154 100
 153 113.7 89.8 134.6
 152 55.3 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

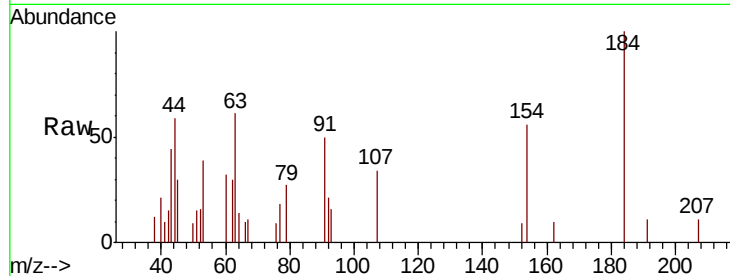




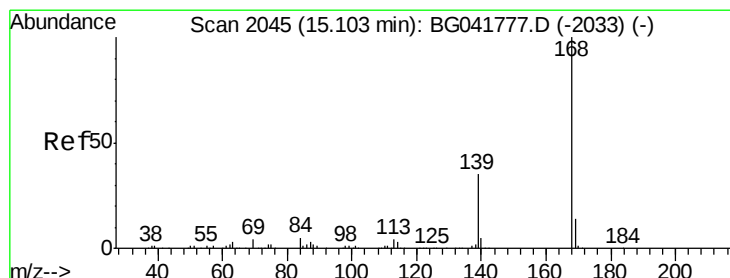
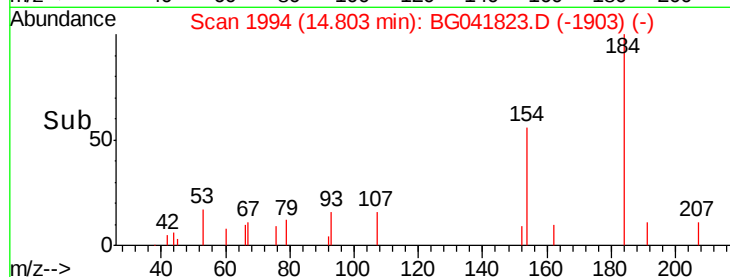
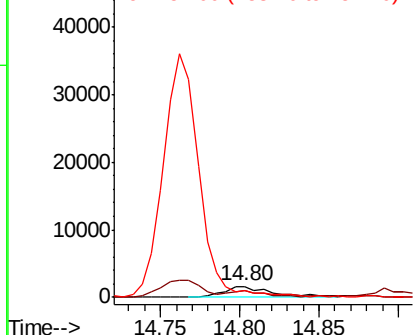
#54
2,4-Dinitrophenol
Concen: 5.265 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-A

Tot Ion:184 Resp: 3451
Ion Ratio Lower Upper
184 100
63 60.5 43.2 64.8
154 55.7 51.4 77.2

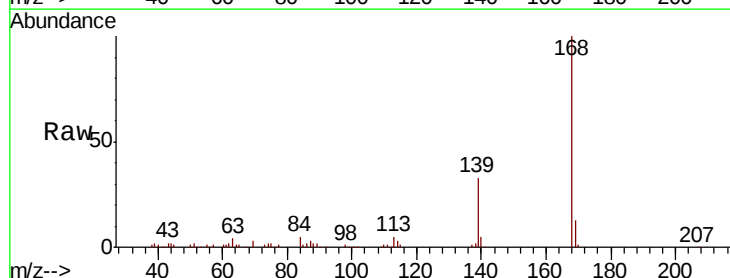


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

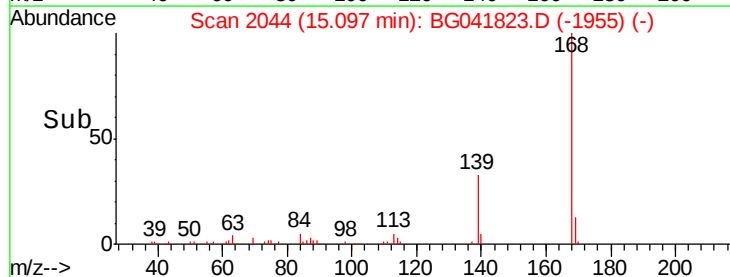
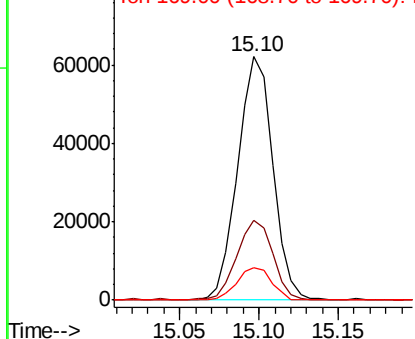


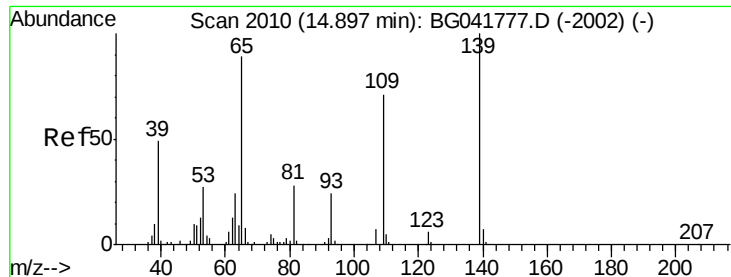
#55
Dibenzofuran
Concen: 4.243 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Tgt Ion:168 Resp: 95321
Ion Ratio Lower Upper
168 100
139 32.5 31.9 47.9
169 13.1 12.5 18.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

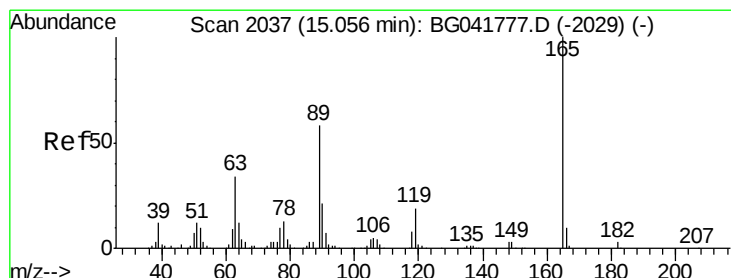
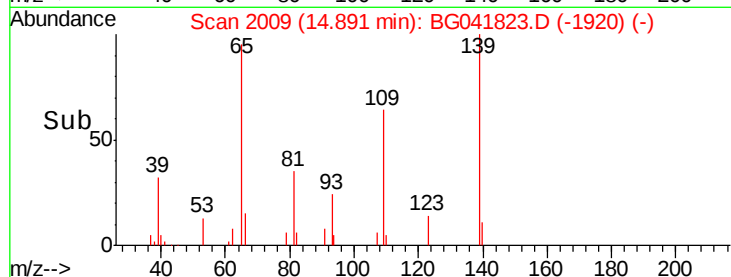
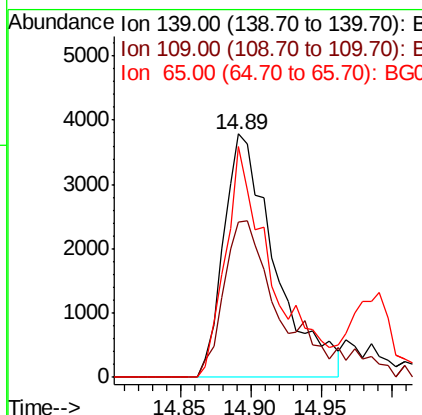
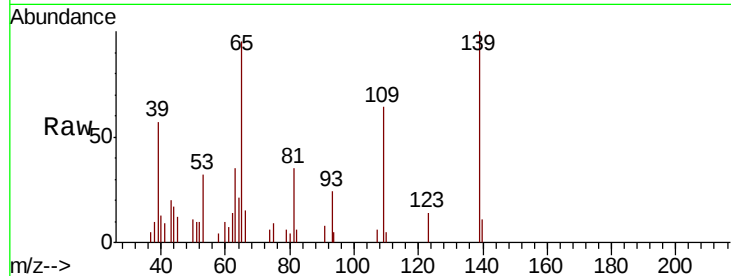




#56
4-Nitrophenol
Concen: 2.999 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

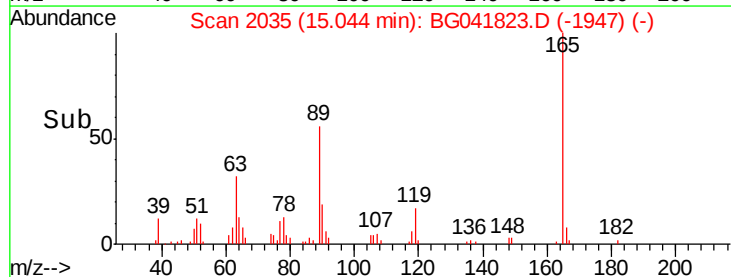
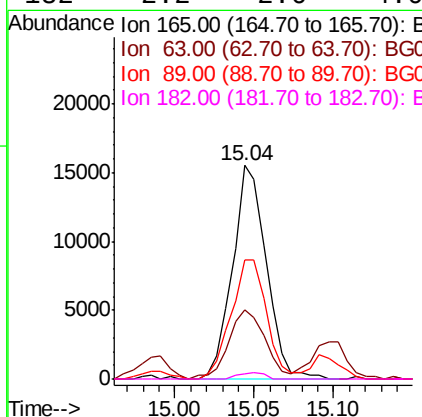
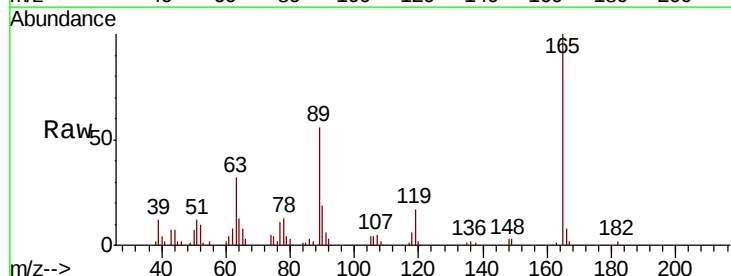
Instrument :
BNA_G
ClientSampleId :
OR-03-072919-A

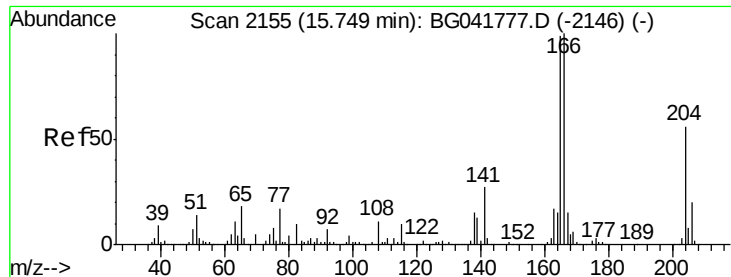
Tot Ion:139 Resp: 9593
Ion Ratio Lower Upper
139 100
109 63.7 51.3 91.3
65 94.7 77.6 117.6



#57
2,4-Dinitrotoluene
Concen: 4.245 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Tgt Ion:165 Resp: 22997
Ion Ratio Lower Upper
165 100
63 32.3 31.7 47.5
89 55.7 50.2 75.4
182 2.2 2.6 4.0#





#58

Fluorene

Concen: 4.349 ng

RT: 15.75 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

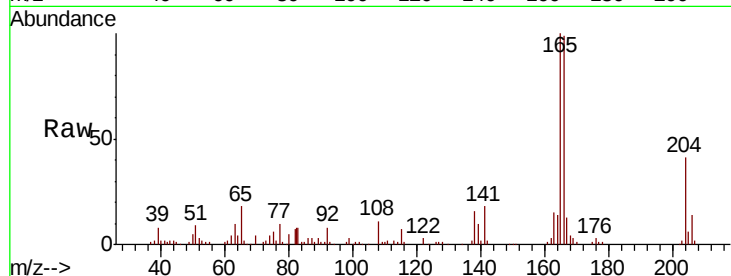
Tot Ion:166 Resp: 78408

Ion Ratio Lower Upper

166 100

165 100.8 80.5 120.7

167 13.2 12.4 18.6

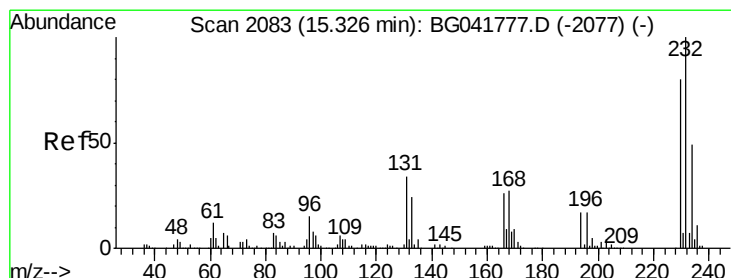
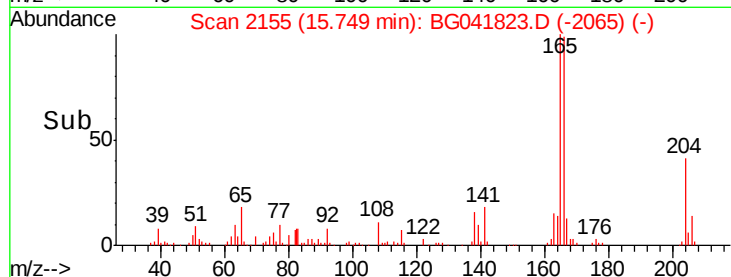
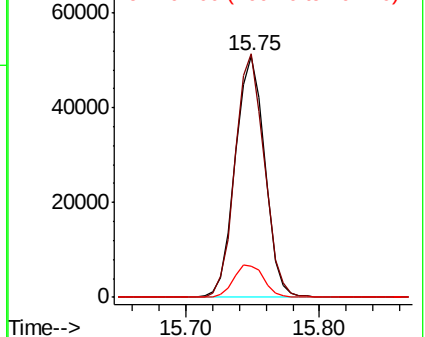


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.473 ng

RT: 15.32 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Tgt Ion:232 Resp: 19726

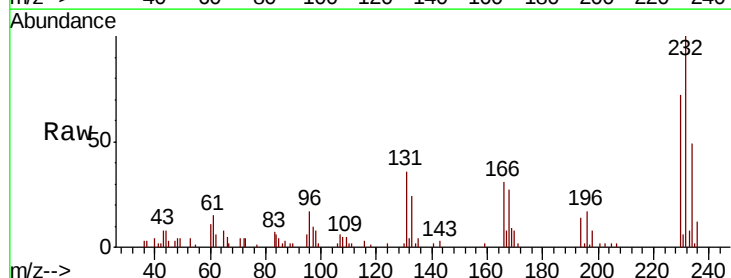
Ion Ratio Lower Upper

232 100

131 33.2 31.8 47.6

130 0.6 1.8 2.8#

166 25.6 23.5 35.3



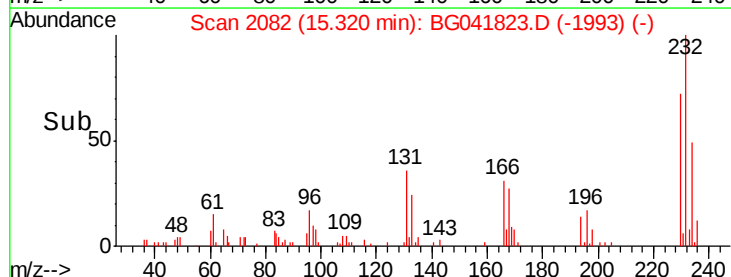
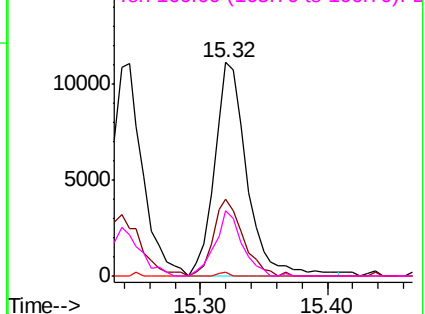
Abundance

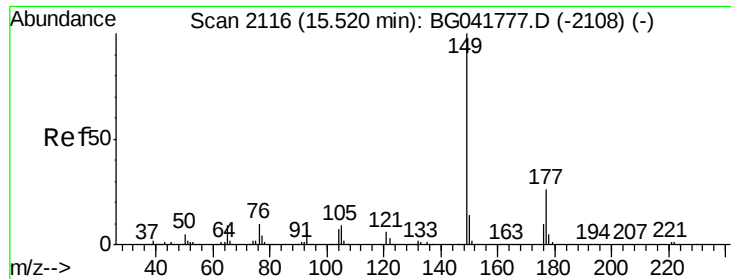
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

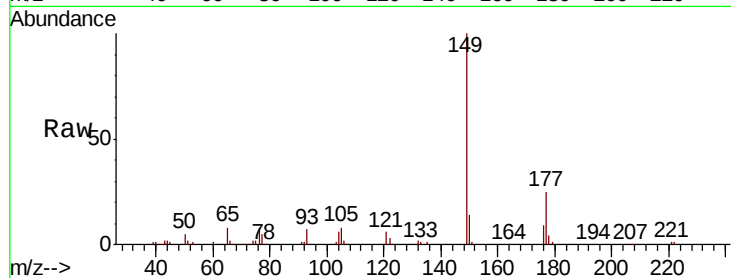




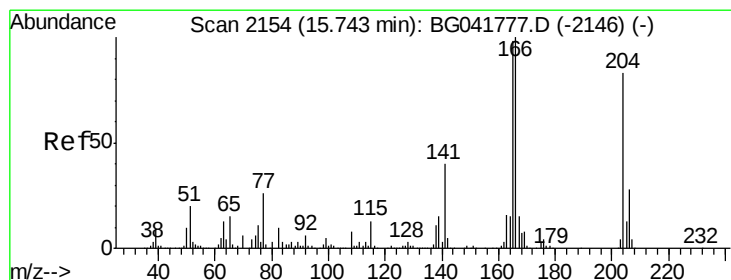
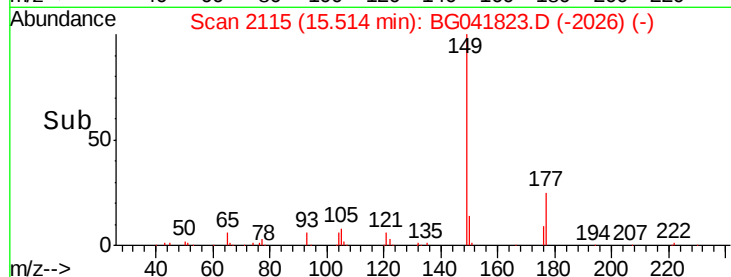
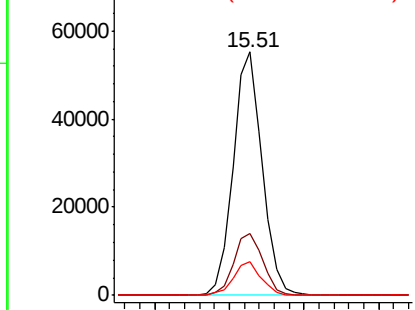
#60
Diethylphthalate
Concen: 4.029 ng
RT: 15.51 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-A

Tot Ion:149 Resp: 74524
Ion Ratio Lower Upper
149 100
177 25.2 20.7 31.1
150 13.6 11.5 17.3

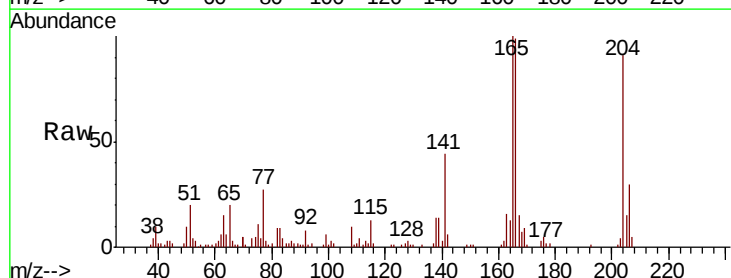


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

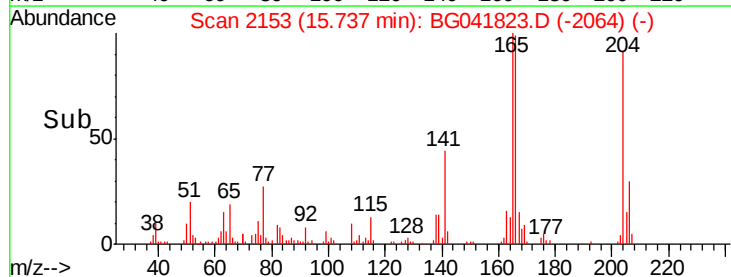
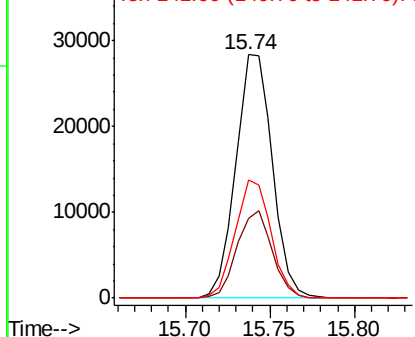


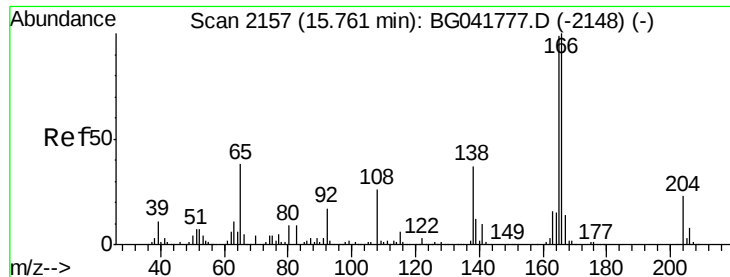
#61
4-Chlorophenyl-phenylether
Concen: 3.876 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Tgt Ion:204 Resp: 42663
Ion Ratio Lower Upper
204 100
206 32.5 28.6 42.8
141 48.6 42.9 64.3



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





#62

4-Nitroaniline

Concen: 3.478 ng

RT: 15.75 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

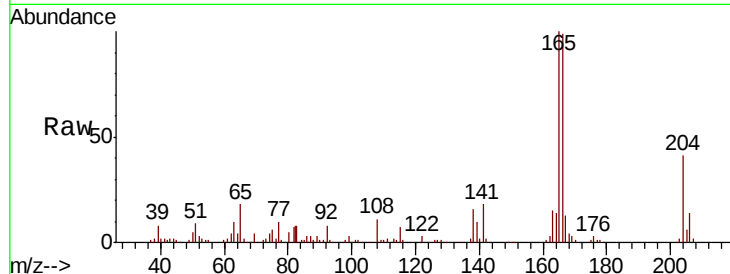
Tot Ion:138 Resp: 15878

Ion Ratio Lower Upper

138 100

92 51.0 29.8 69.8

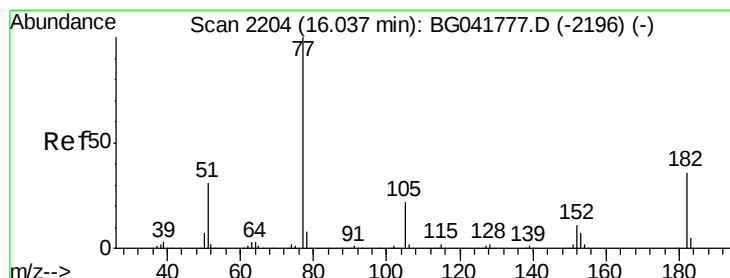
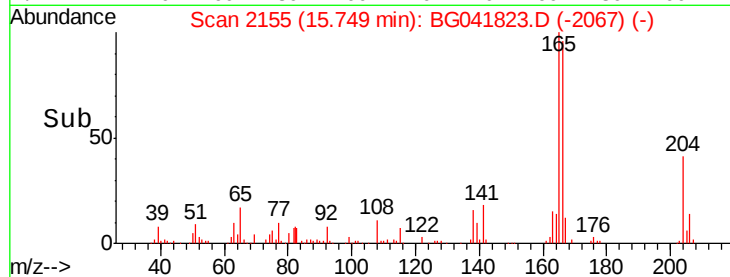
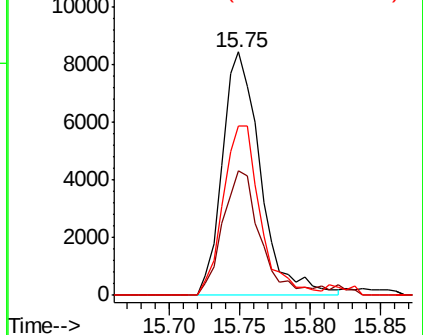
108 69.6 52.2 92.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 3.934 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Tgt Ion: 77 Resp: 59449

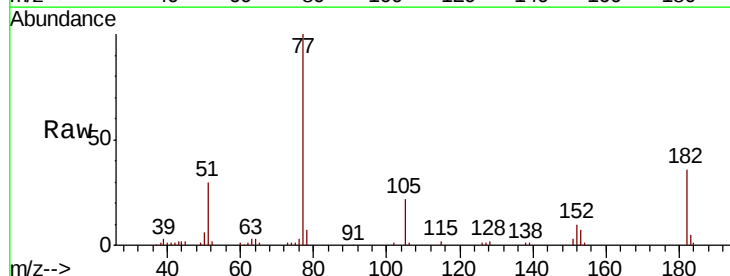
Ion Ratio Lower Upper

77 100

182 36.3 13.2 53.2

105 21.9 2.2 42.2

51 29.7 14.6 54.6

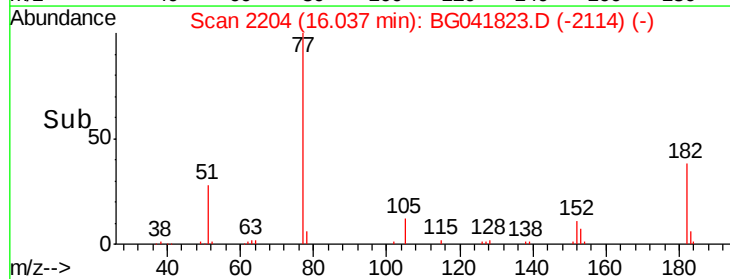
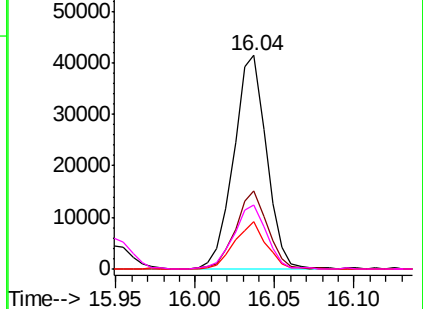


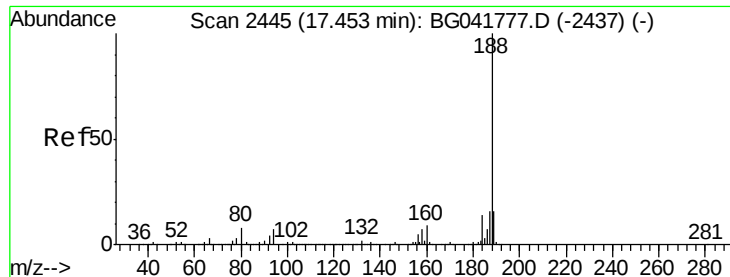
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG

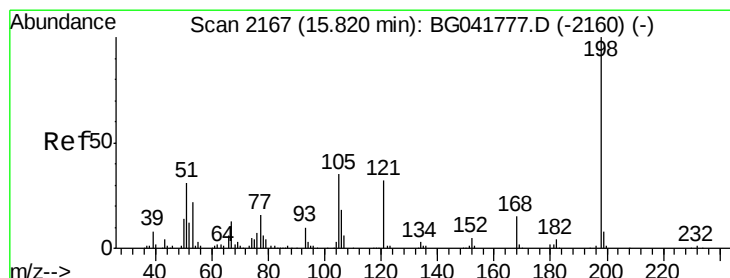
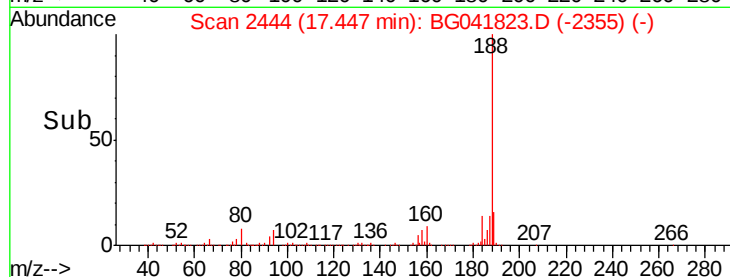
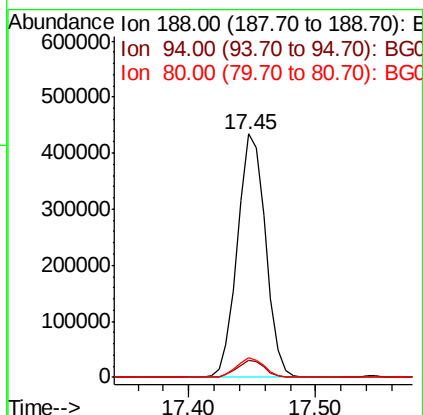
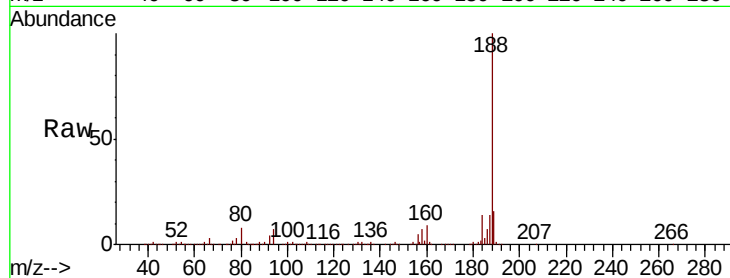




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

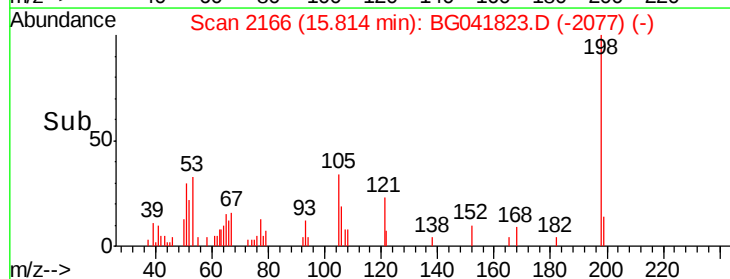
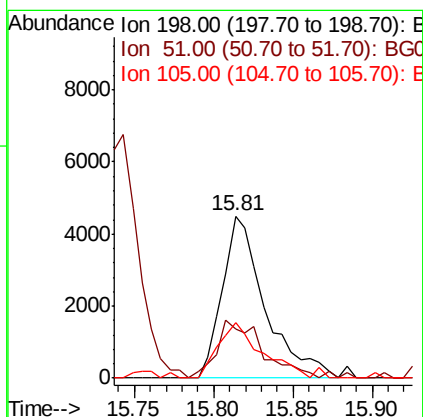
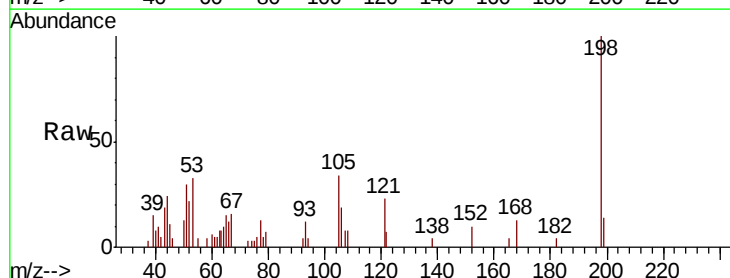
Instrument :
BNA_G
ClientSampleId :
OR-03-072919-A

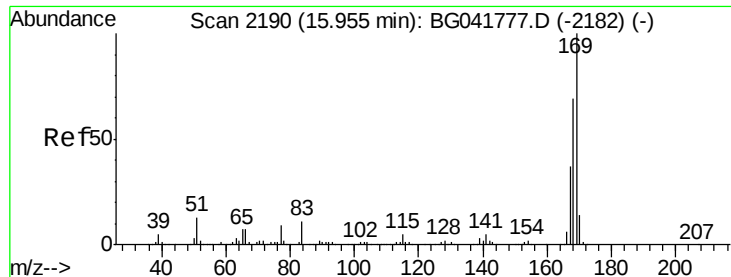
Tot Ion:188 Resp: 665229
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 8.2 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 9.060 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Tgt Ion:198 Resp: 8384
Ion Ratio Lower Upper
198 100
51 30.1 22.3 62.3
105 34.0 18.0 58.0





#66

n-Nitrosodiphenylamine

Concen: 3.948 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

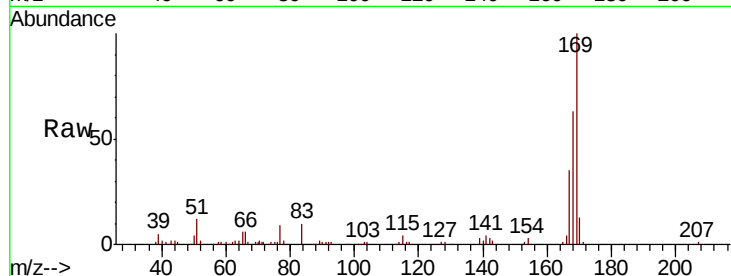
Tot Ion:169 Resp: 71548

Ion Ratio Lower Upper

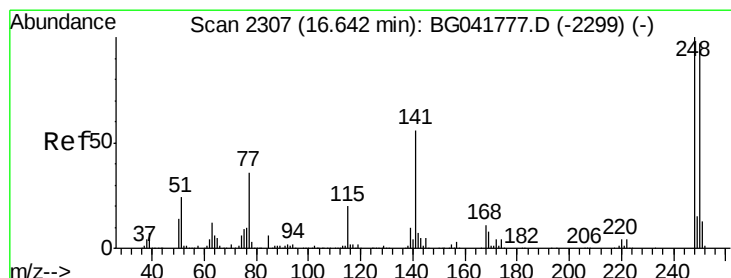
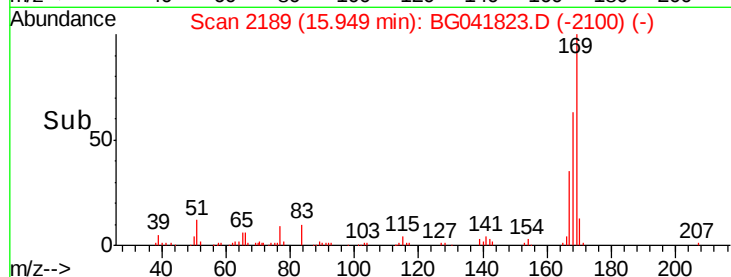
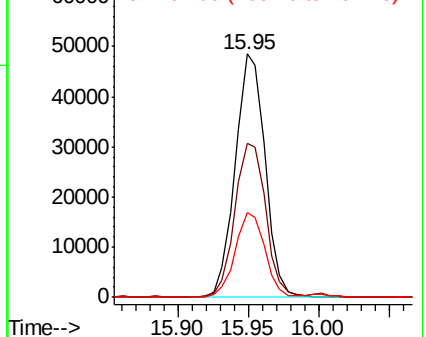
169 100

168 63.1 56.9 85.3

167 34.9 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: 3.483 ng

RT: 16.64 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

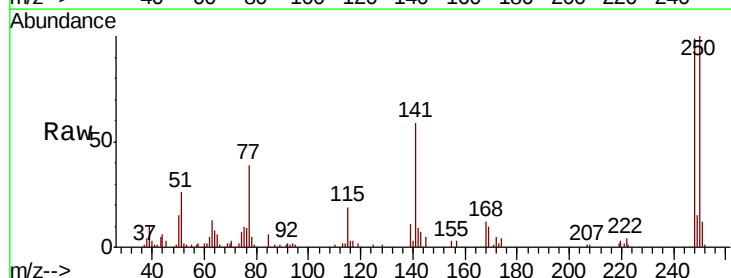
Tgt Ion:248 Resp: 28541

Ion Ratio Lower Upper

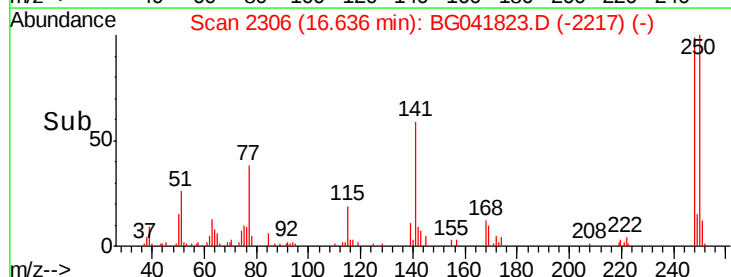
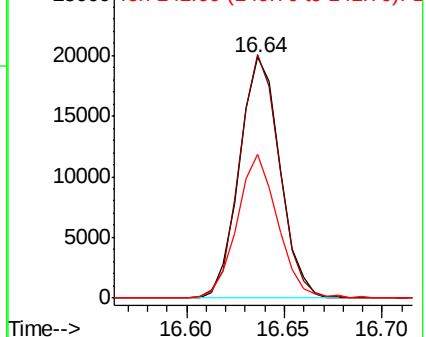
248 100

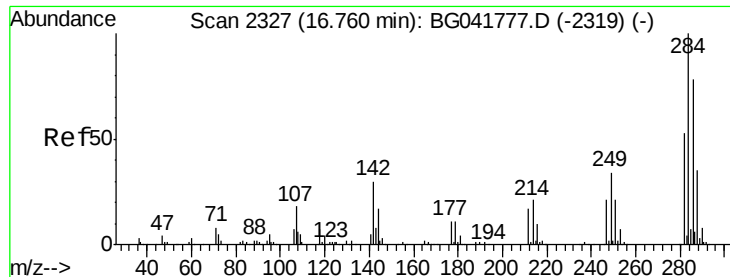
250 101.0 78.1 117.1

141 59.4 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: 3.595 ng

RT: 16.76 min Scan# 2327

Delta R.T. -0.00 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

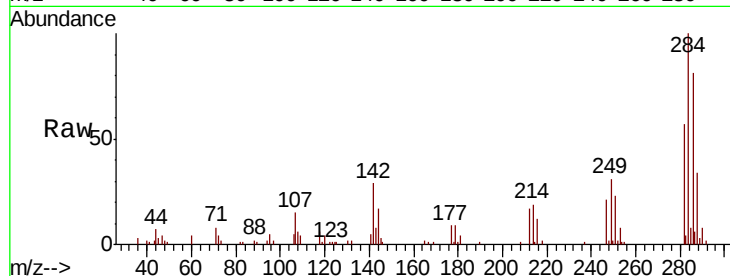
Tot Ion:284 Resp: 30823

Ion Ratio Lower Upper

284 100

142 28.6 27.0 40.6

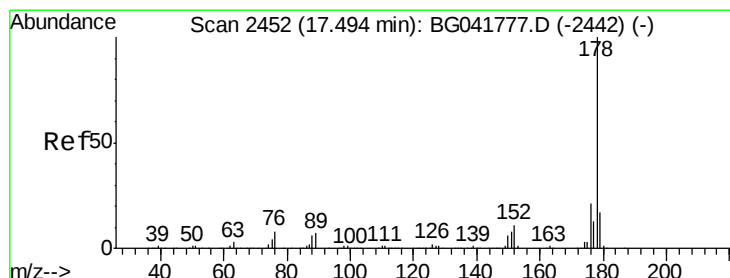
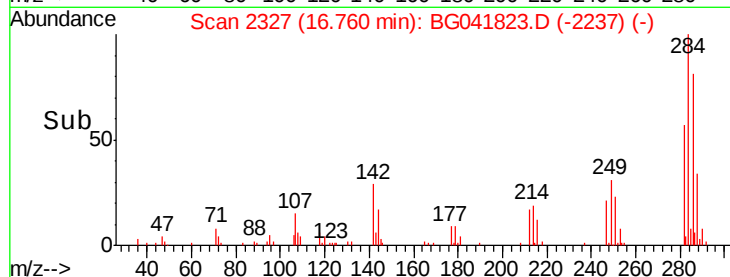
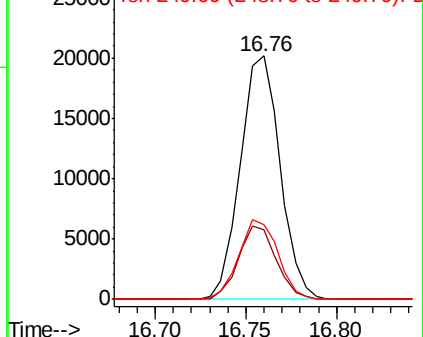
249 32.6 28.4 42.6



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



#71

Phenanthrene

Concen: 4.366 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

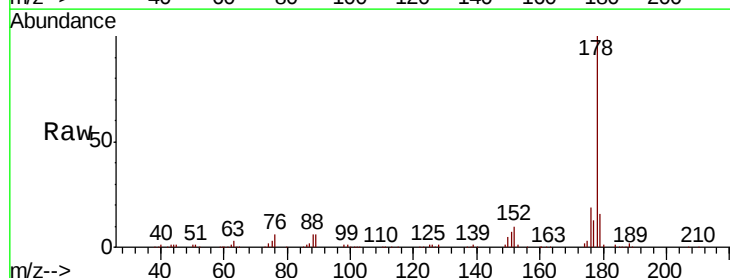
Tgt Ion:178 Resp: 139203

Ion Ratio Lower Upper

178 100

176 19.4 18.6 28.0

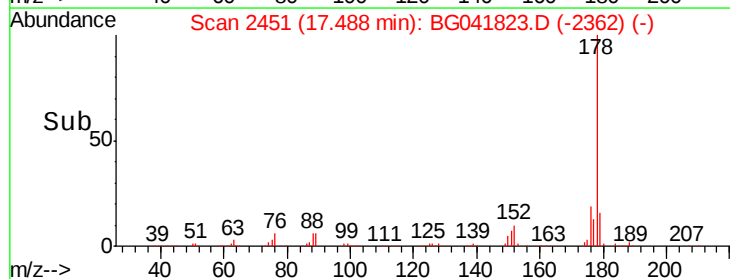
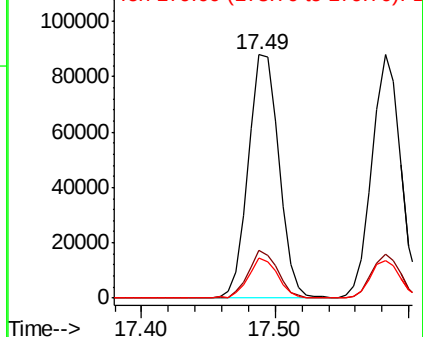
179 16.2 15.4 23.0

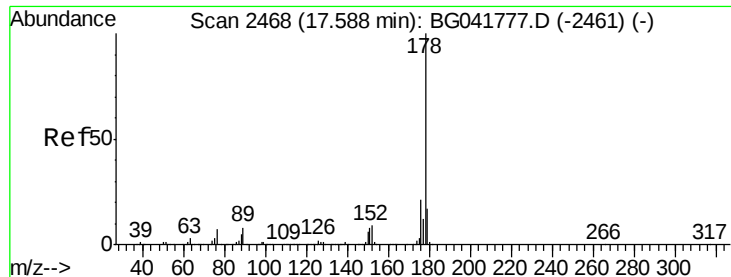


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 4.377 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.10 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

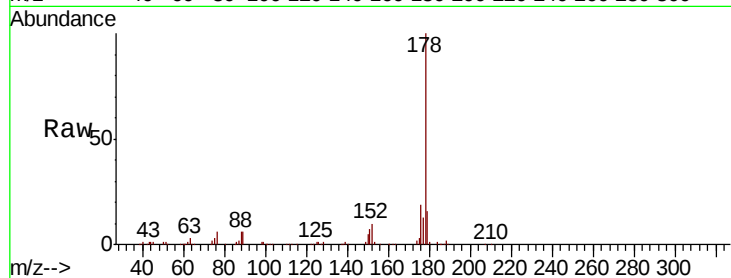
Tot Ion:178 Resp: 139203

Ion Ratio Lower Upper

178 100

176 19.4 18.6 28.0

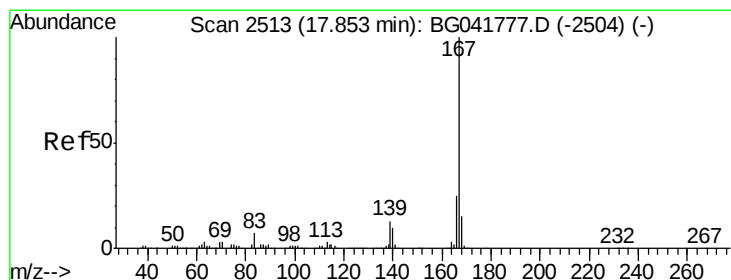
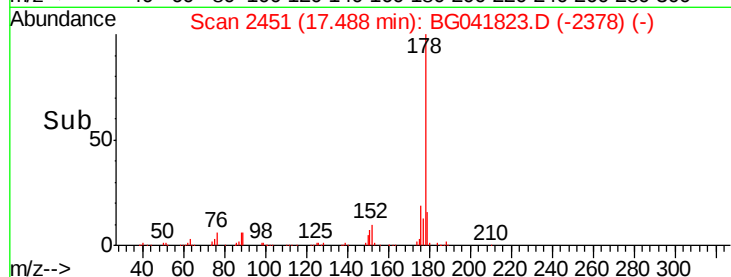
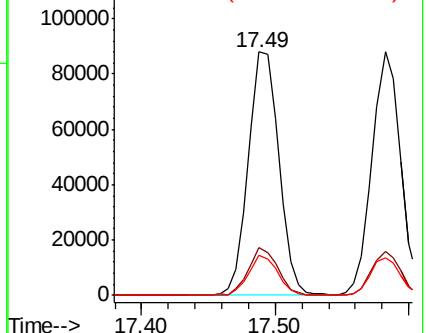
179 16.2 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 4.308 ng

RT: 17.85 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

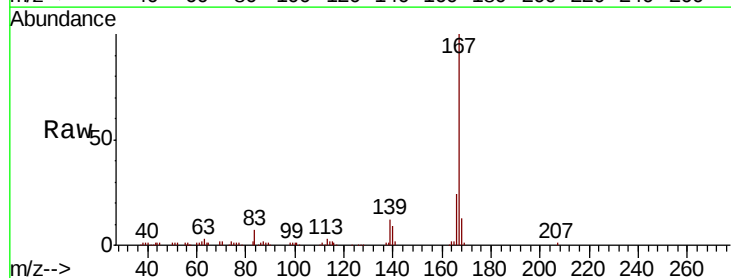
Tgt Ion:167 Resp: 122959

Ion Ratio Lower Upper

167 100

166 23.5 21.4 32.2

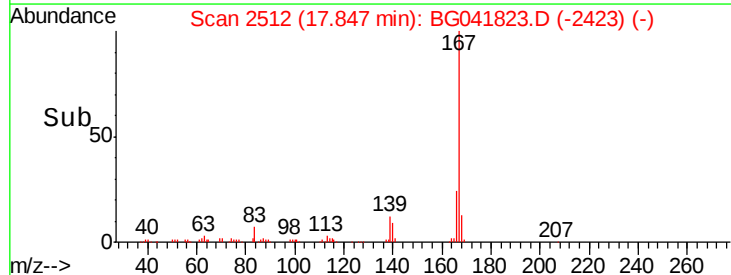
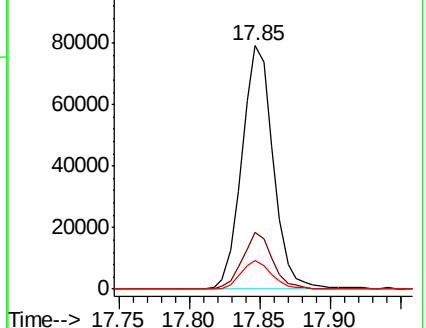
139 11.6 12.1 18.1#

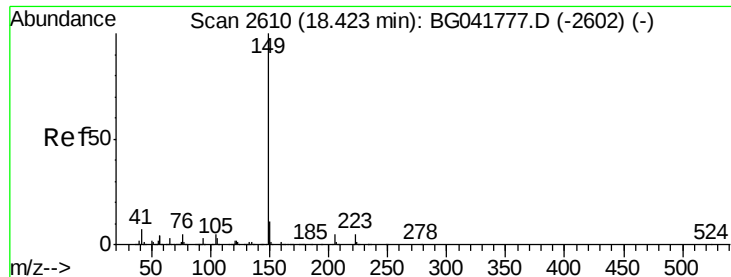


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 4.011 ng

RT: 18.42 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

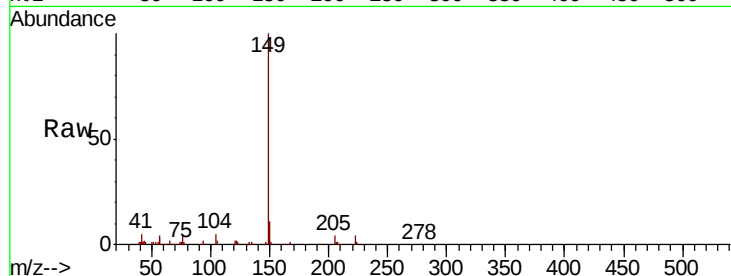
Tot Ion:149 Resp: 129806

Ion Ratio Lower Upper

149 100

150 10.9 10.2 15.2

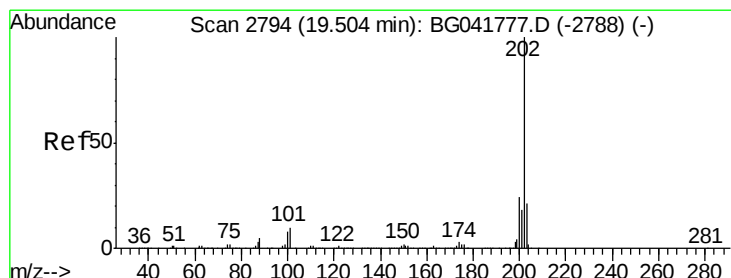
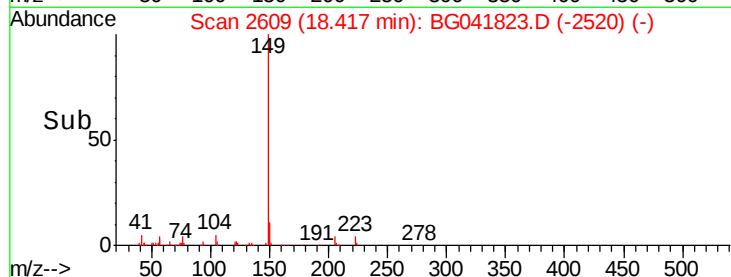
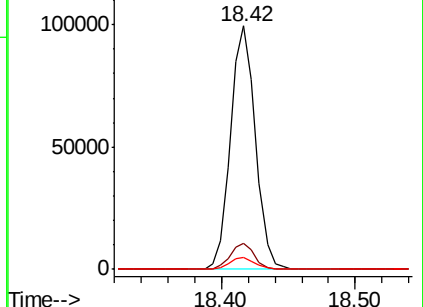
104 5.1 5.3 7.9#



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: 4.458 ng

RT: 19.50 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

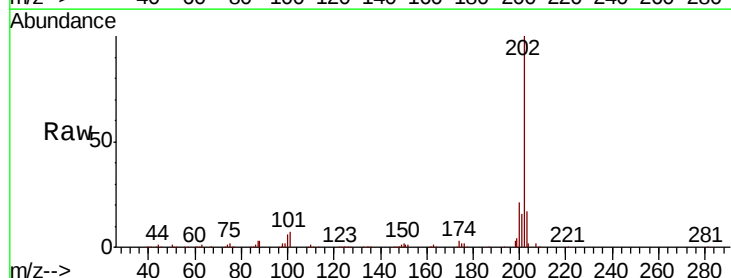
Tgt Ion:202 Resp: 172799

Ion Ratio Lower Upper

202 100

101 7.3 0.0 32.8

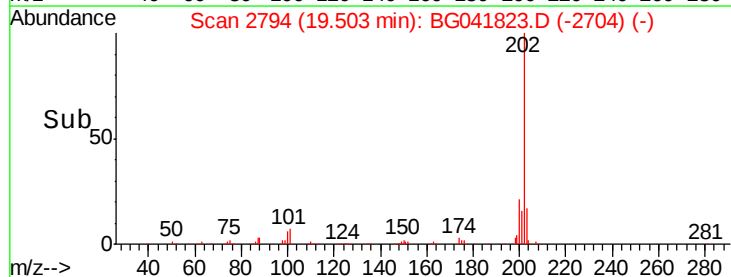
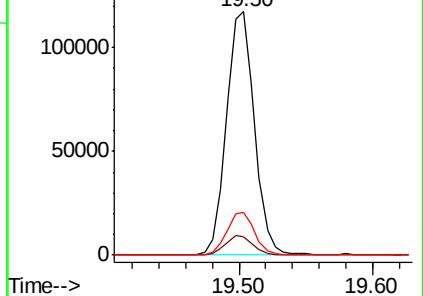
203 17.3 3.7 43.7

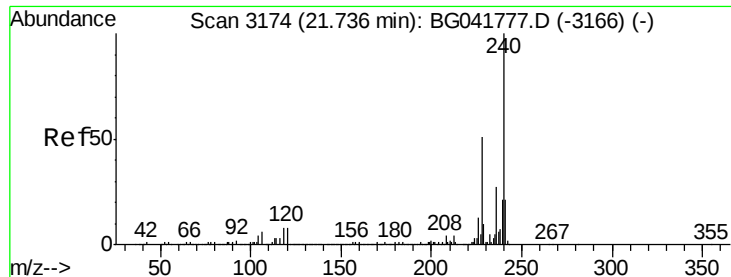


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

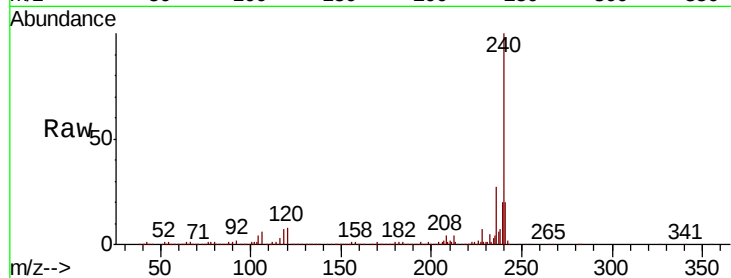
Tot Ion:240 Resp: 746211

Ion Ratio Lower Upper

240 100

120 7.9 8.0 12.0#

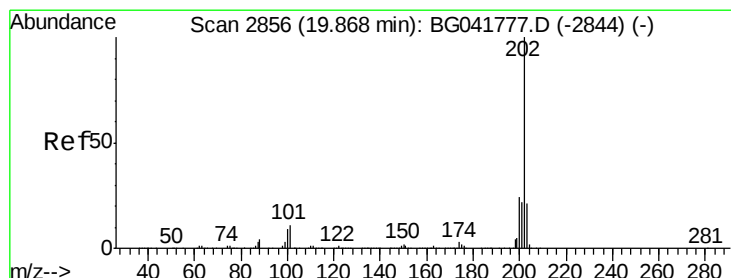
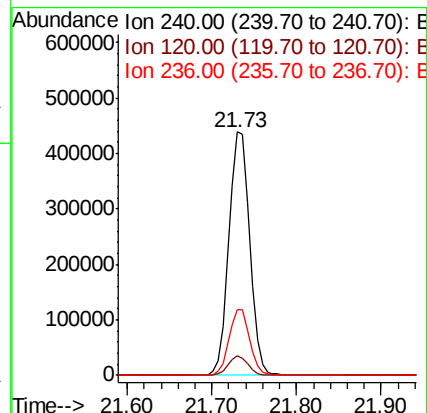
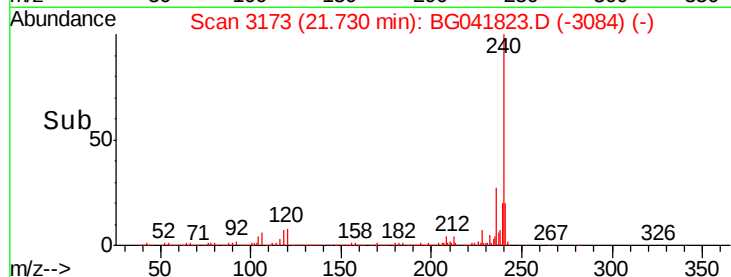
236 27.1 22.6 33.8



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



#78

Pyrene

Concen: 4.080 ng

RT: 19.86 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

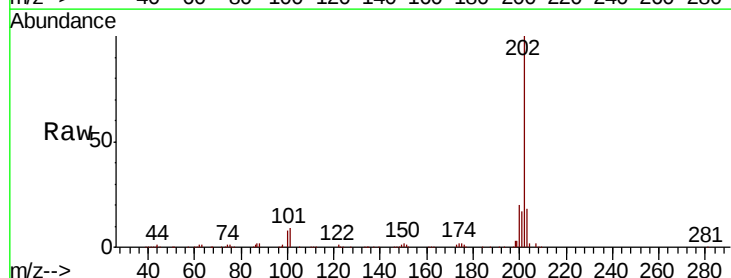
Tgt Ion:202 Resp: 180394

Ion Ratio Lower Upper

202 100

200 20.3 22.2 33.2#

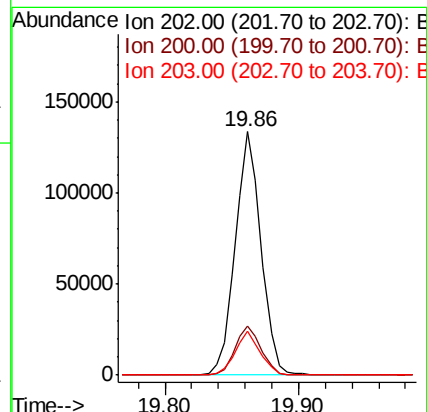
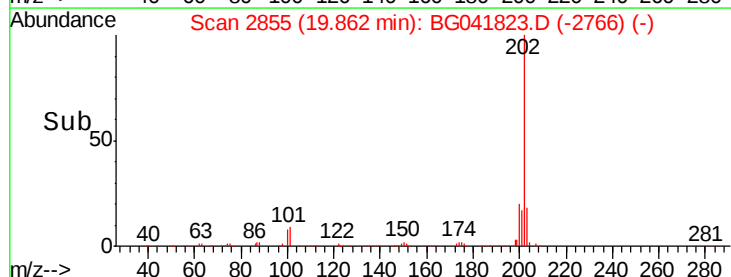
203 18.2 18.9 28.3#

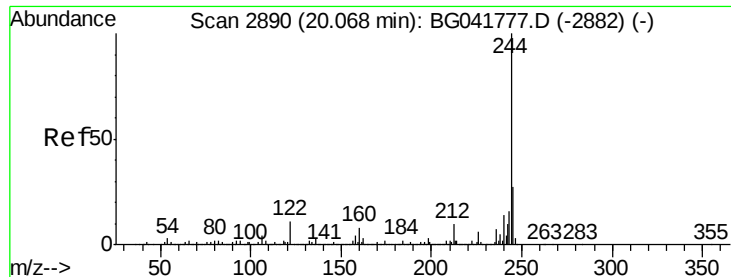


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.539 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

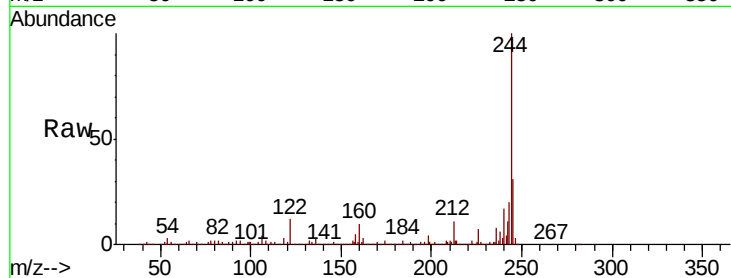
Tot Ion:244 Resp: 2593786

Ion	Ratio	Lower	Upper
244	100		
212	11.1	9.7	14.5
122	11.9	12.5	18.7

244 100

212 11.1 9.7 14.5

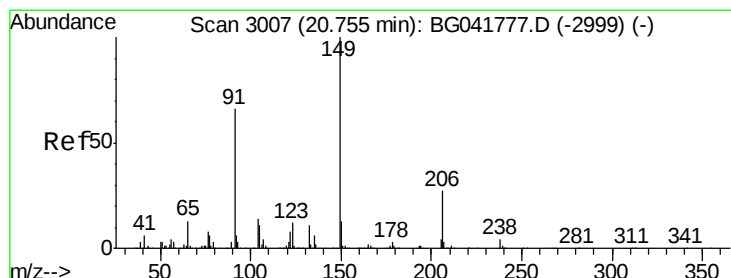
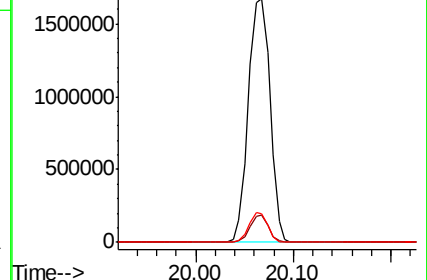
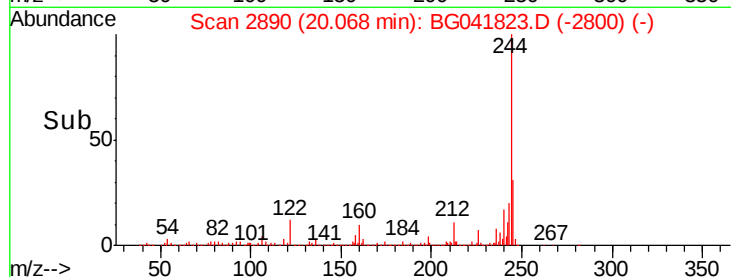
122 11.9 12.5 18.7



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: 3.660 ng

RT: 20.75 min Scan# 3007

Delta R.T. -0.00 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

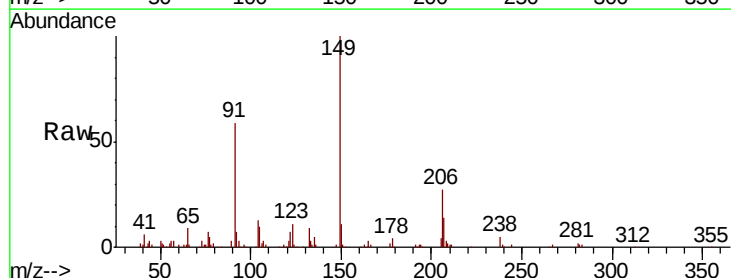
Tgt Ion:149 Resp: 62038

Ion	Ratio	Lower	Upper
149	100		
91	58.8	58.9	88.3
206	27.0	20.8	31.2

149 100

91 58.8 58.9 88.3

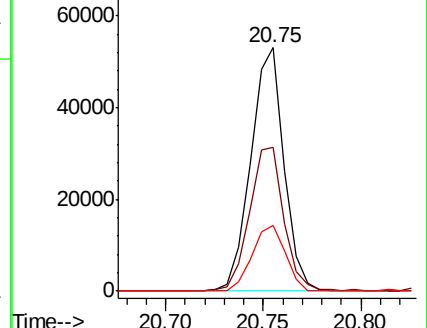
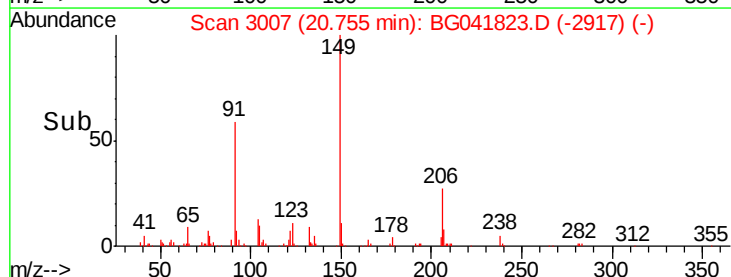
206 27.0 20.8 31.2

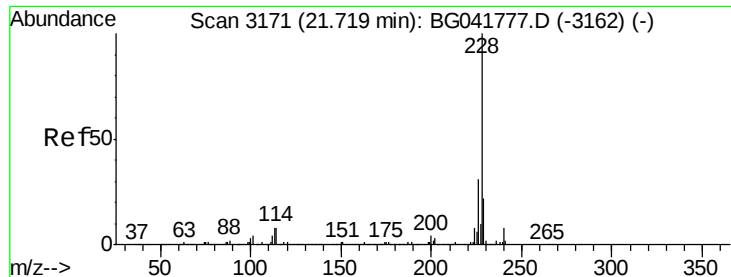


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

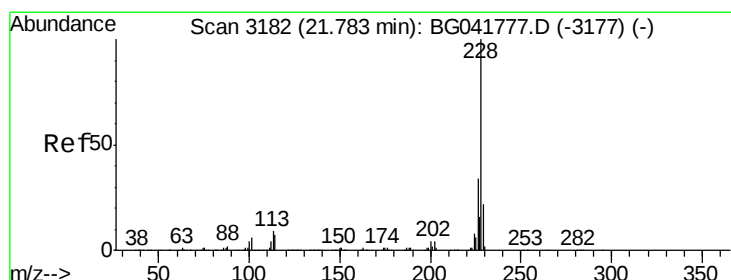
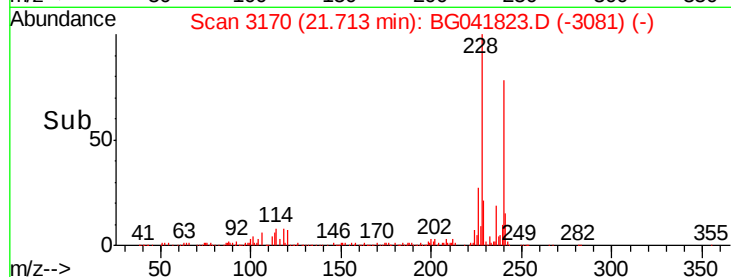
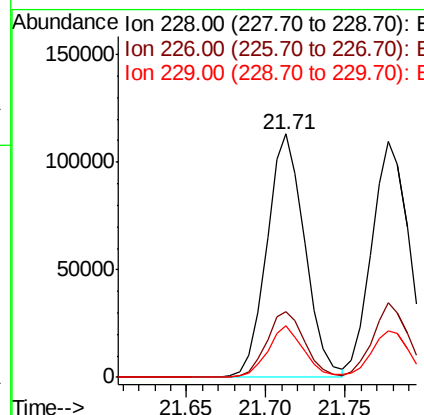
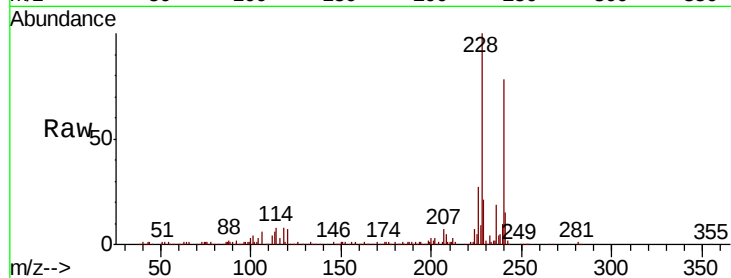




#81
Benzo(a)anthracene
Concen: 4.263 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

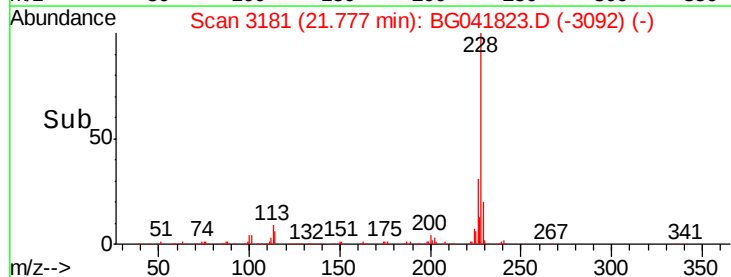
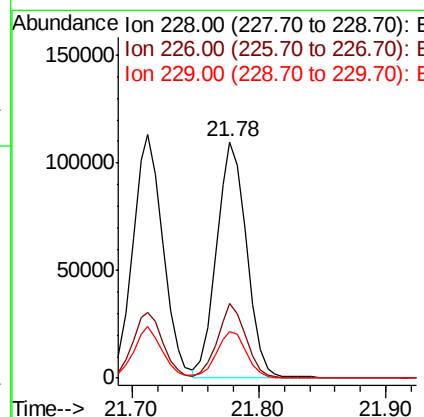
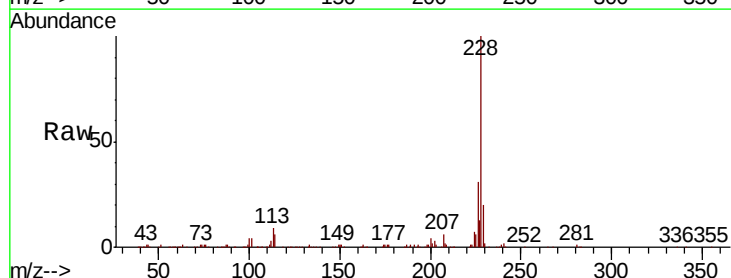
Instrument :
BNA_G
ClientSampleId :
OR-03-072919-A

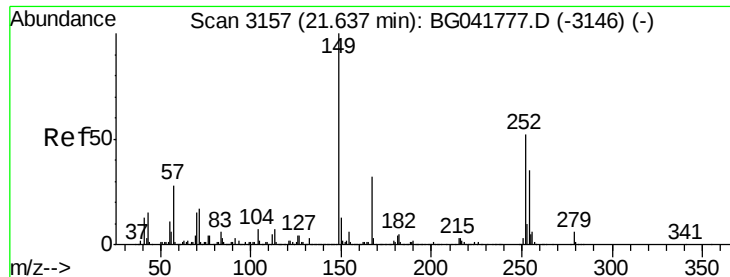
Tot Ion:228 Resp: 188194
Ion Ratio Lower Upper
228 100
226 27.2 27.3 40.9#
229 21.1 19.7 29.5



#83
Chrysene
Concen: 4.286 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.01 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Tgt Ion:228 Resp: 181391
Ion Ratio Lower Upper
228 100
226 31.4 30.1 45.1
229 19.6 19.8 29.6#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.922 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

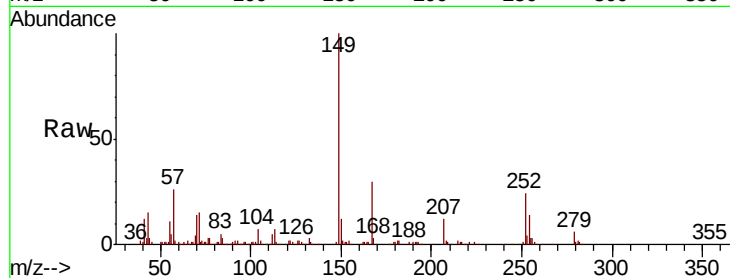
Tot Ion:149 Resp: 91706

Ion Ratio Lower Upper

149 100

167 29.8 27.0 40.4

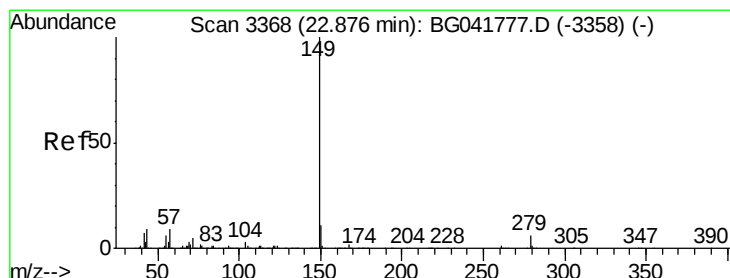
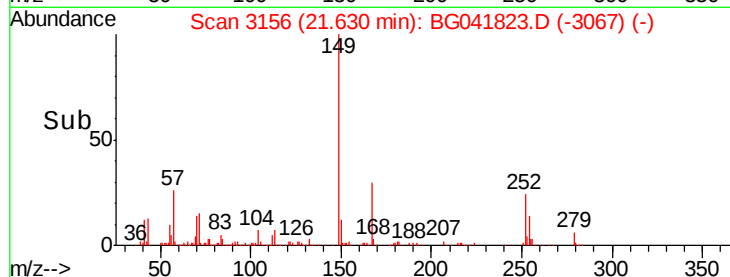
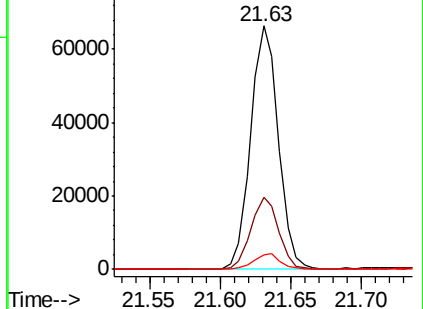
279 6.1 5.0 7.6



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: 3.911 ng

RT: 22.86 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

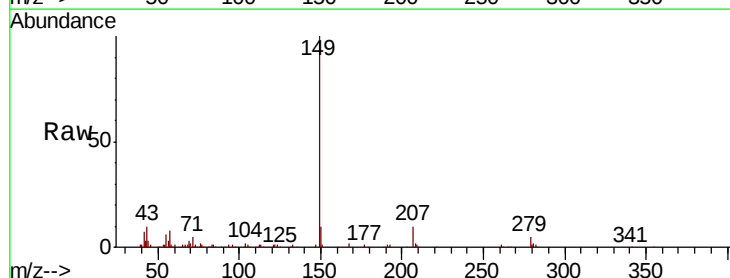
Tgt Ion:149 Resp: 153910

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

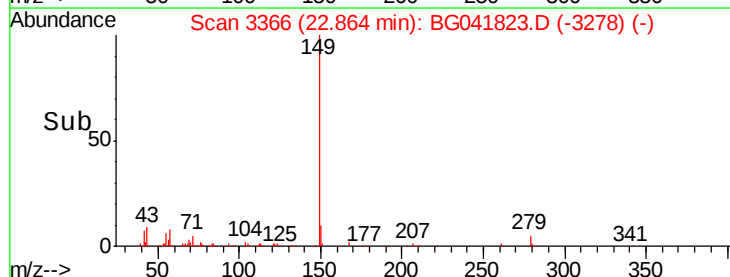
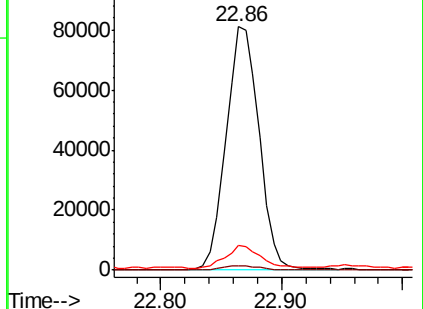
43 9.9 10.6 16.0#

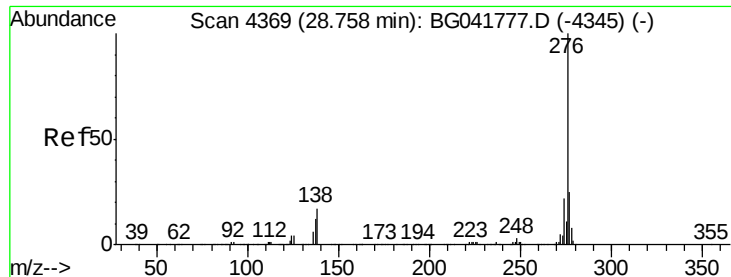


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

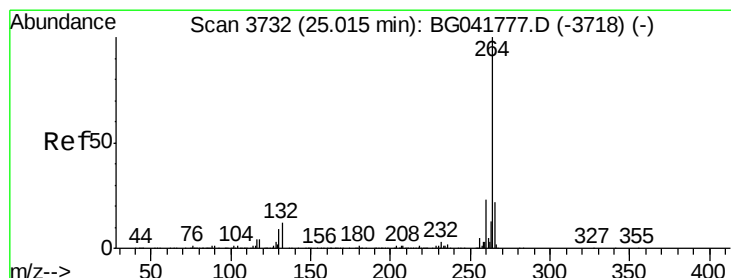
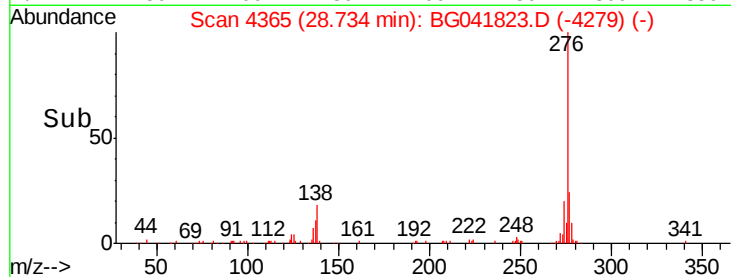
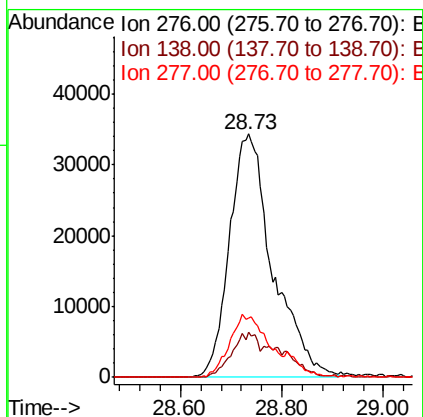
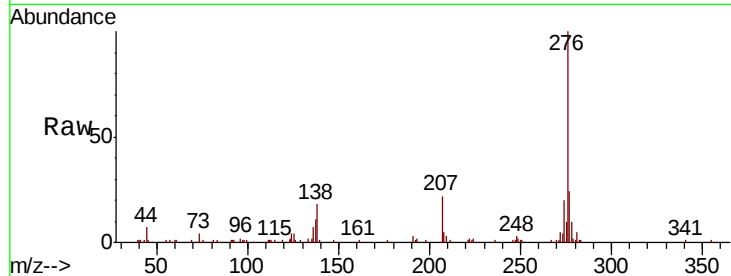




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 3.642 ng
 RT: 28.73 min Scan# 4365
 Delta R.T. -0.02 min
 Lab File: BG041823.D
 Acq: 31 Jul 2019 4:53

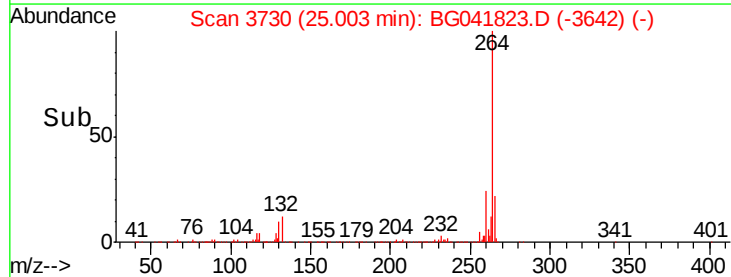
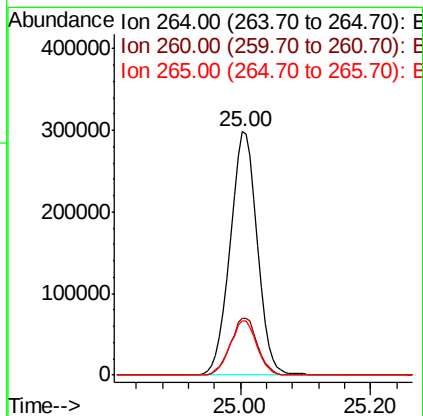
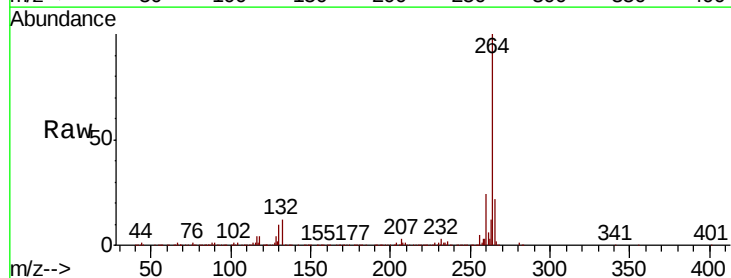
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-A

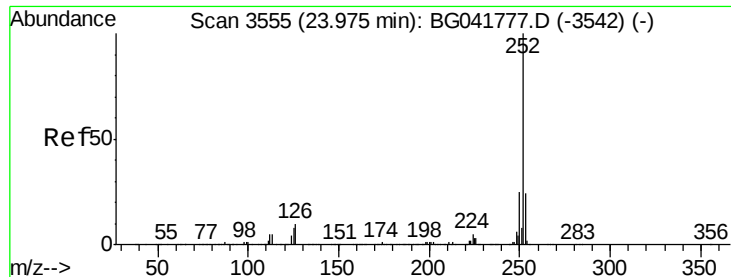
Tot Ion	Ratio	Lower	Upper
276	100		
138	11.1	19.4	29.0
277	22.4	21.2	31.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.00 min Scan# 3730
 Delta R.T. -0.01 min
 Lab File: BG041823.D
 Acq: 31 Jul 2019 4:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.3	18.0	27.0





#88

Benzo(b)fluoranthene

Concen: 3.997 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

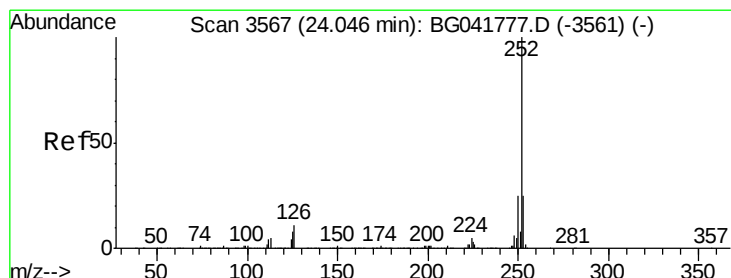
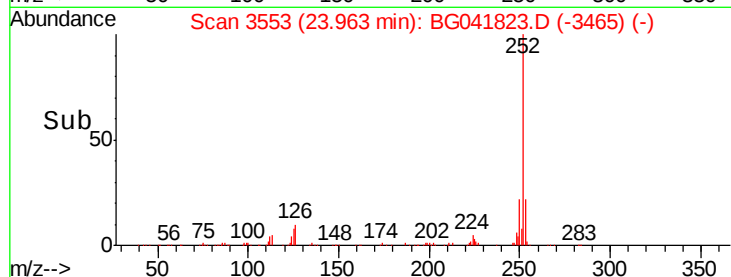
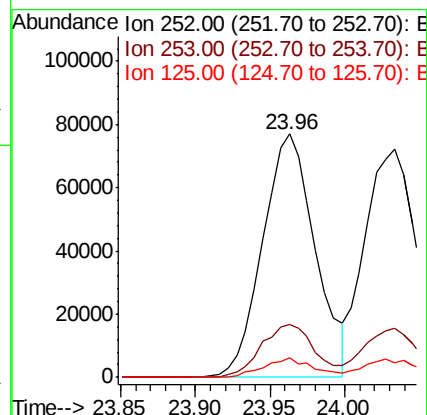
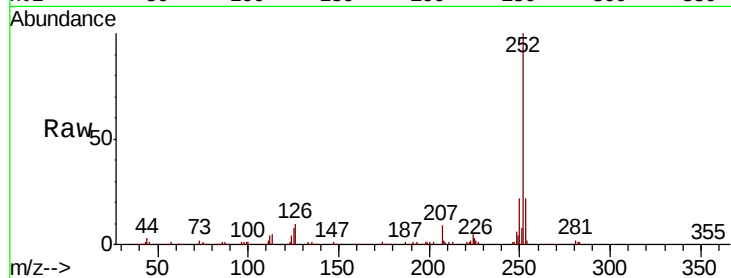
Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

Tot Ion:252	Resp:	188320
Ion Ratio	Lower	Upper
252	100	
253	22.0	20.6 30.8
125	7.8	8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 3.854 ng

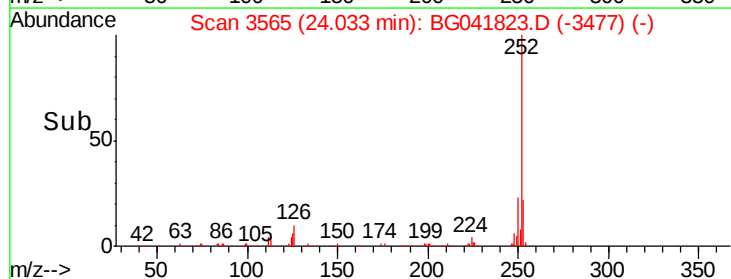
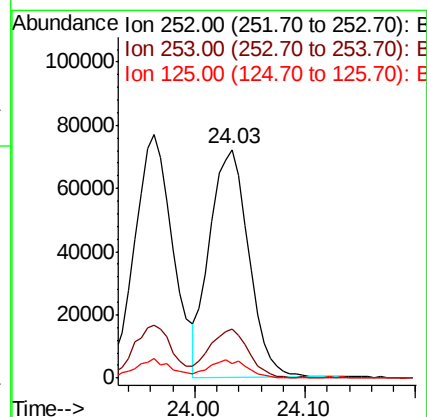
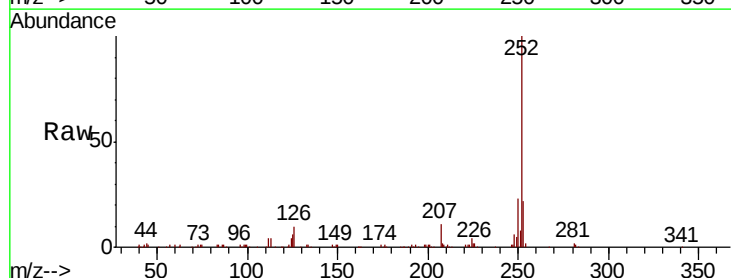
RT: 24.03 min Scan# 3565

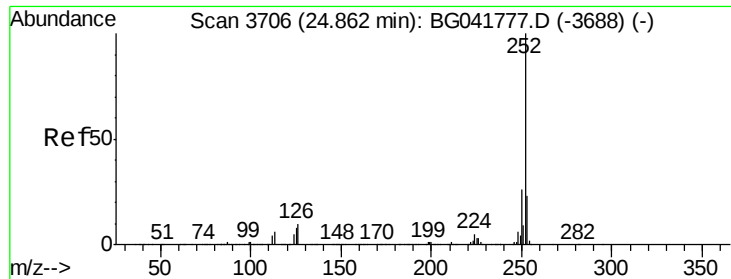
Delta R.T. -0.01 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Tgt Ion:252	Resp:	176864
Ion Ratio	Lower	Upper
252	100	
253	21.6	20.5 30.7
125	6.4	8.4 12.6#

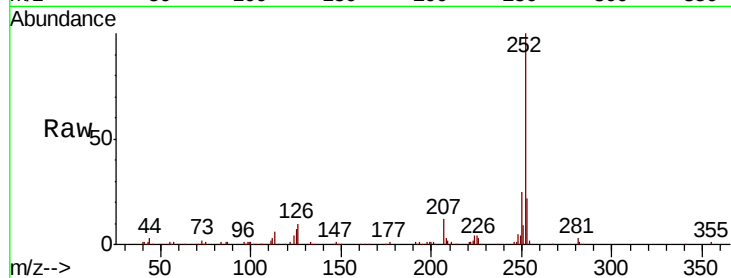




#90
Benzo(a)pyrene
Concen: 3.855 ng
RT: 24.84 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.8	29.8
125	6.9	8.8	13.2#

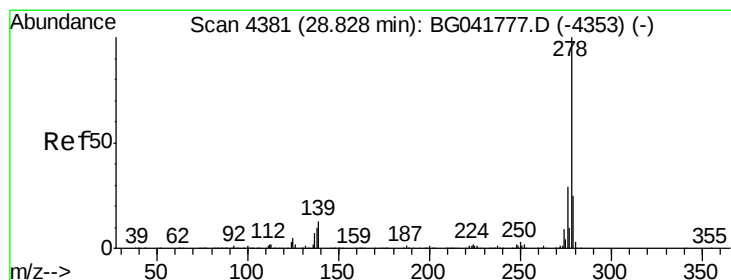
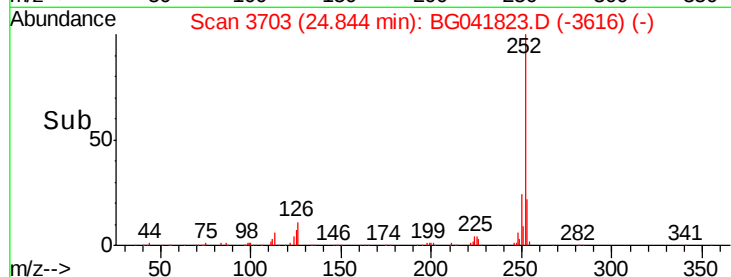
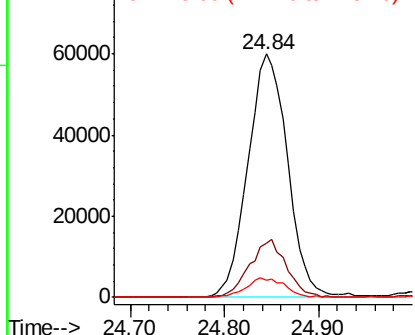


Abundance

Ion 252.00 (251.70 to 252.70): E

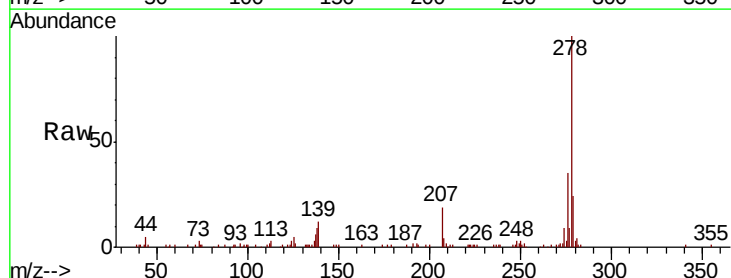
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Dibenzo(a,h)anthracene
Concen: 3.750 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.03 min
Lab File: BG041823.D
Acq: 31 Jul 2019 4:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.1	12.6	19.0#
279	24.2	20.5	30.7

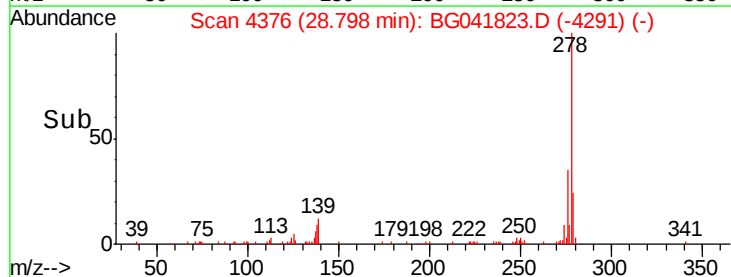
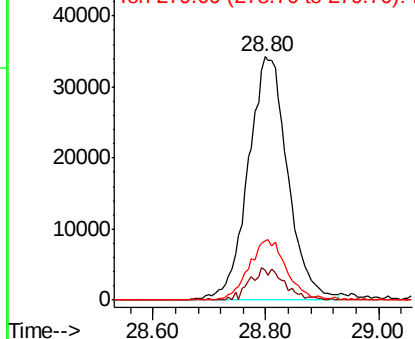


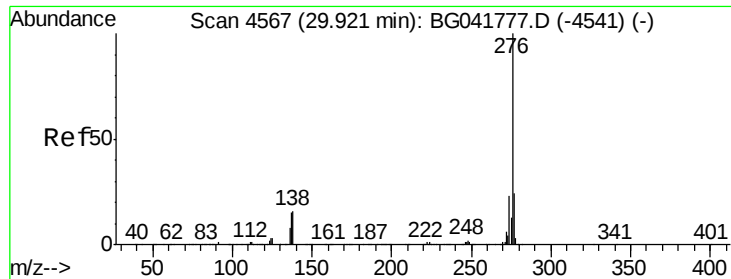
Abundance

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(a,h,i)perylene

Concen: 3.796 ng

RT: 29.89 min Scan# 4561

Delta R.T. -0.04 min

Lab File: BG041823.D

Acq: 31 Jul 2019 4:53

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

Tot Ion:276 Resp: 168260

Ion Ratio Lower Upper

276 100

277 22.5 19.8 29.8

138 16.0 16.6 25.0#

