

Data File : BG041904.D
Acq On : 3 Aug 2019 11:26
Operator : HP/JU
Sample : K3850-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ3

Quant Time: Aug 04 00:06:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	109085	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	444003	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	291939	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	570149	20.00	ng/ul	0.00
77) Chrysene-d12	21.74	240	575625	20.00	ng/ul	0.02
85) Perylene-d12	25.03	264	674684	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	1219	0.49	ng/uL	0.00
5) Phenol-d5	7.18	99	3873	0.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	15286	3.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	8399	1.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	2829	0.39	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	10406	3.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	9515	2.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	11361	1.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	7410	0.85	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	76183	3.36	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	99464	3.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	852	0.22	ng/ul	0.02
57) Fluorene-d10	15.69	176	74792	3.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.82	200	1180	0.32	ng/ul	0.03
70) Anthracene-d10	17.55	188	112498	4.11	ng/ul	0.00
78) Pyrene-d10	19.84	212	126573	3.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	134014	3.80	ng/ul	0.03

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.45	88	139	0.054	ng/uL#	16
4) Benzaldehyde	7.17	77	1328	0.328	ng/ul#	65
6) Phenol	7.22	94	987	0.112	ng/ul#	93
11) 2-Methylphenol	8.03	108	232	0.033	ng/ul#	6
14) Acetophenone	8.87	105	2562	0.232	ng/ul#	86
15) N-Nitroso-di-n-propylamine	9.20	70	3140	0.538	ng/ul#	59
17) Hexachloroethane	9.16	117	1697	0.552	ng/ul#	1
20) Nitrobenzene	9.24	77	140	0.018	ng/ul#	37
21) Isophorone	9.91	82	56	0.004	ng/ul#	63
27) 2,4-Dichlorophenol	10.73	162	272	0.035	ng/ul#	24
28) Naphthalene	10.91	128	275500	12.137	ng/ul	97
30) 4-Chloroaniline	10.99	127	69	0.008	ng/ul#	1
34) 2-Methylnaphthalene	12.52	142	293100	16.246	ng/ul	98
40) 1,1'-Biphenyl	13.52	154	54468	2.566	ng/ul	96
41) 2-Chloronaphthalene	13.56	162	54	0.003	ng/ul#	40
42) 2-Nitroaniline	13.77	65	115	0.026	ng/ul#	31
44) Dimethylphthalate	14.14	163	29074	1.293	ng/ul	96
45) 2,6-Dinitrotoluene	14.25	165	130	0.027	ng/ul#	1
47) Acenaphthylene	14.42	152	12917	0.495	ng/ul#	35
48) 3-Nitroaniline	14.58	138	379	0.097	ng/ul#	8
49) Acenaphthene	14.76	153	442540	24.245	ng/ul	100
50) 2,4-Dinitrophenol	15.12	184	64	0.024	ng/ul#	1
52) 4-Nitrophenol	15.40	109	231	0.082	ng/ul	88

Data File : BG041904.D
Acq On : 3 Aug 2019 11:26
Operator : HP/JU
Sample : K3850-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ3

Quant Time: Aug 04 00:06:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) Dibenzofuran	15.09	168	85077	3.123	ng/ul	93
54) 2,4-Dinitrotoluene	15.04	165	1562	0.220	ng/ul#	54
55) 2,3,4,6-Tetrachlorophenol	15.81	232	68	0.010	ng/ul#	1
56) Diethylphthalate	15.50	149	656	0.029	ng/ul#	1
58) Fluorene	15.74	166	372848	16.992	ng/ul#	99
59) 4-Chlorophenyl-phenylether	15.66	204	108	0.008	ng/ul#	1
60) 4-Nitroaniline	15.74	138	4673	1.076	ng/ul#	30
63) 4,6-Dinitro-2-methylphenol	15.87	198	57	0.014	ng/ul#	1
64) N-Nitrosodiphenylamine	15.96	169	37207	2.200	ng/ul#	31
65) 4-Bromophenyl-phenylether	16.63	248	328	0.043	ng/ul#	1
66) Hexachlorobenzene	16.77	284	648	0.085	ng/ul#	51
67) Atrazine	16.90	200	453	0.064	ng/ul#	42
68) Pentachlorophenol	17.10	266	247	0.060	ng/ul	85
69) Phenanthrene	17.58	178	1136562	36.413	ng/ul	97
71) Anthracene	17.58	178	1136562	35.902	ng/ul	98
73) Pentachlorobenzene	15.35	250	129	0.014	ng/ul#	18
74) Carbazole	17.85	167	74539	2.842	ng/ul#	91
75) Di-n-butylphthalate	18.41	149	1985	0.061	ng/ul#	1
76) Fluoranthene	19.51	202	2853314	79.118	ng/ul#	89
79) Pyrene	19.87	202	3867653	99.888	ng/ul#	76
80) Butylbenzylphthalate	20.76	149	802	0.053	ng/ul#	62
81) 3,3'-Dichlorobenzidine	21.61	252	7819	0.598	ng/ul#	52
82) Benzo(a)anthracene	21.73	228	2741023	68.679	ng/ul#	83
83) Bis(2-ethylhexyl)phthalate	21.65	149	176	0.008	ng/ul#	1
84) Chrysene	21.79	228	2842440	76.306	ng/ul#	85
86) Di-n-octyl phthalate	22.89	149	1215	0.036	ng/ul	100
87) Benzo(b)fluoranthene	23.99	252	2280767	53.868	ng/ul	96
88) Benzo(k)fluoranthene	23.99	252	2280767	56.026	ng/ul	96
90) Benzo(a)pyrene	24.88	252	2278742	56.479	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	28.78	276	829559	17.628	ng/ul	96
92) Dibenzo(a,h)anthracene	28.82	278	304936	7.944	ng/ul	95
93) Benzo(g,h,i)perylene	29.94	276	878398	22.357	ng/ul	97

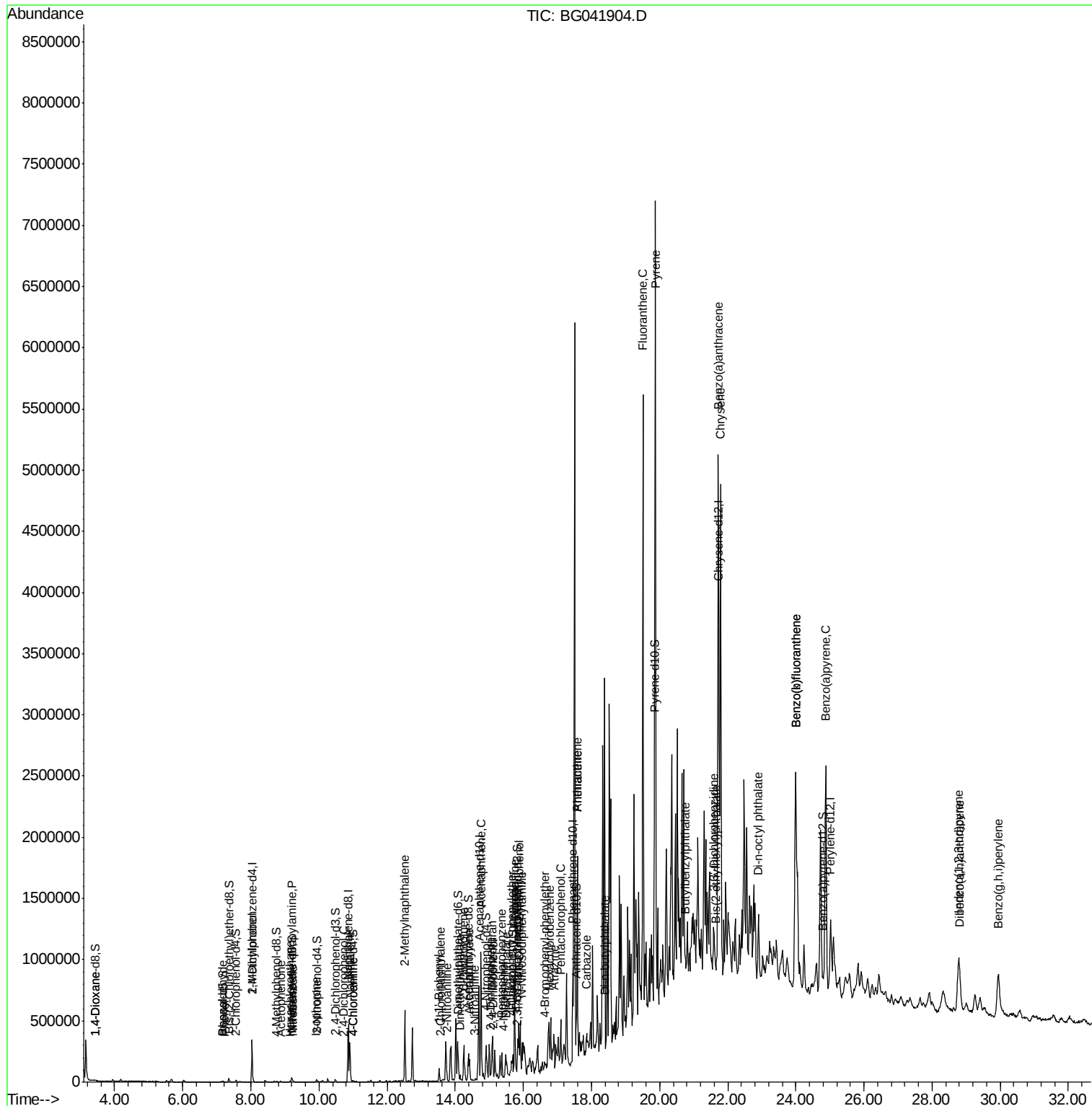
(#) = qualifier out of range (m) = manual integration (+) = signals summed

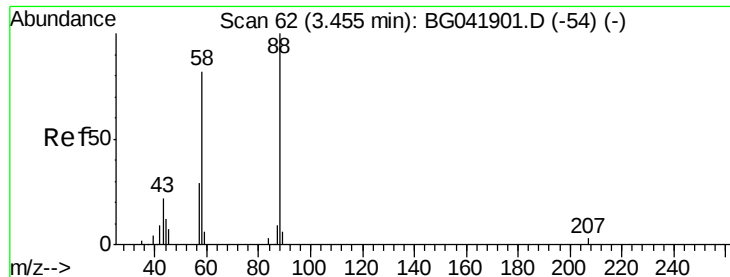
Data File : BG041904.D

```
Acq On       :    3 Aug 2019   11:26
Operator    : HP/JU
Sample      : K3850-09
Misc        :
ALS Vial     : 5      Sample Multipl
```

Instrument :
BNA_G
ClientSampleId :
BENQ3

Quant Time: Aug 04 00:06:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.054 ng/uL

RT: 3.45 min Scan# 61

Delta R.T. -0.01 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

Instrument :

BNA_G

ClientSampleId :

BENQ3

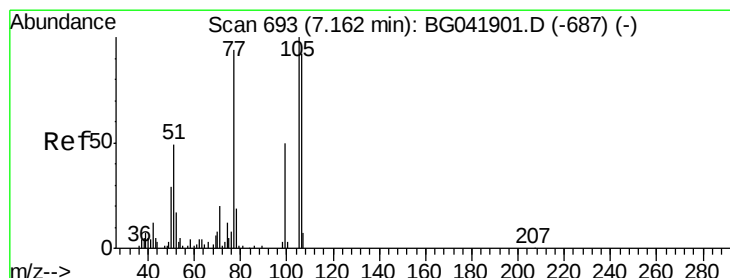
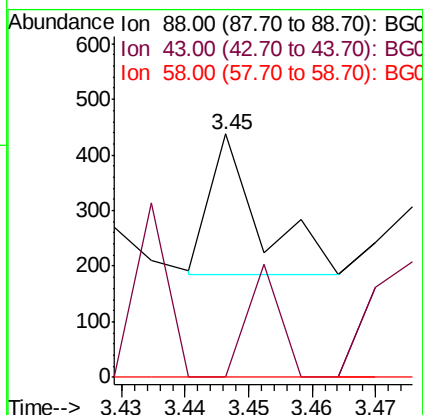
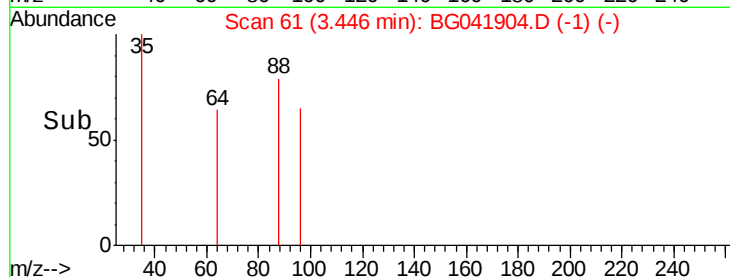
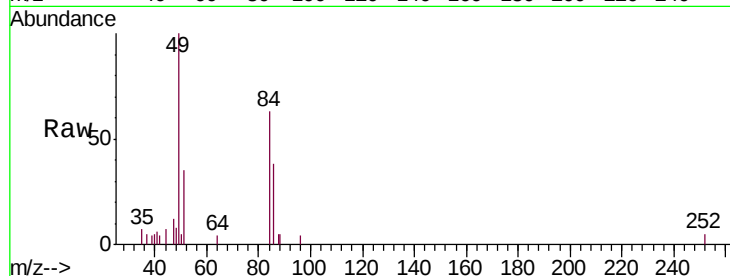
Tgt Ion: 88 Resp: 139

Ion Ratio Lower Upper

88 100

43 0.0 36.3 54.5#

58 0.0 66.0 99.0#



#4

Benzaldehyde

Concen: 0.328 ng/uL

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

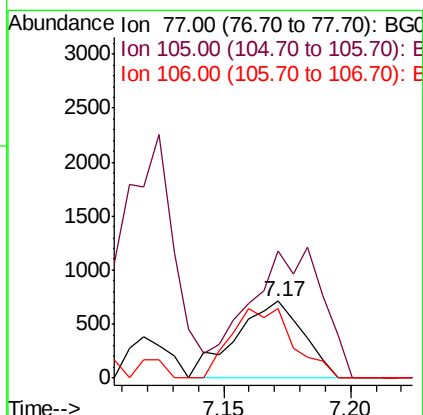
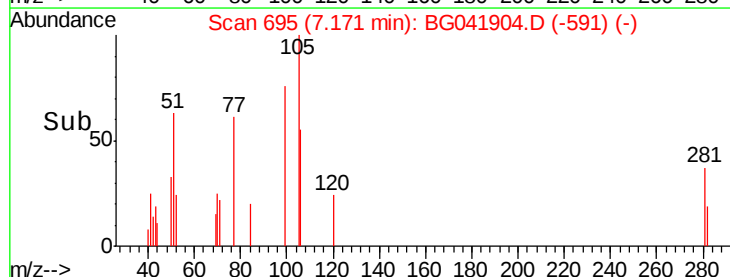
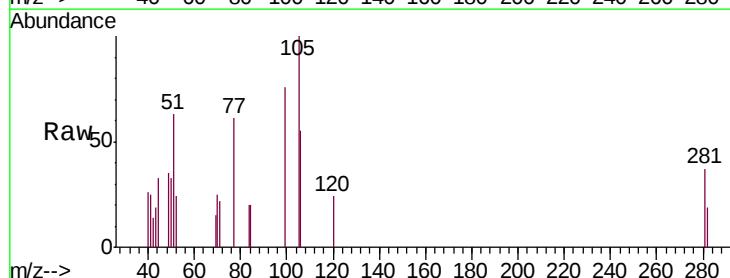
Tgt Ion: 77 Resp: 1328

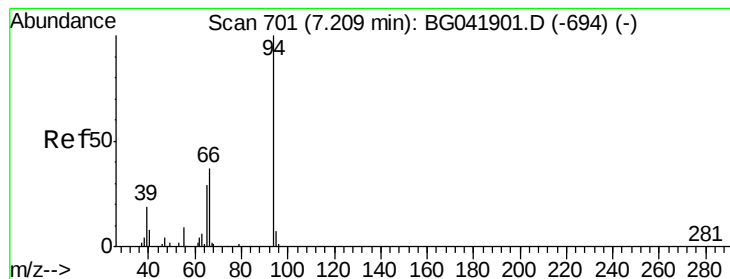
Ion Ratio Lower Upper

77 100

105 164.4 80.7 121.1#

106 90.6 76.3 114.5





#6

Phenol

Concen: 0.112 ng/ul

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

Instrument :

BNA_G

ClientSampleId :

BENQ3

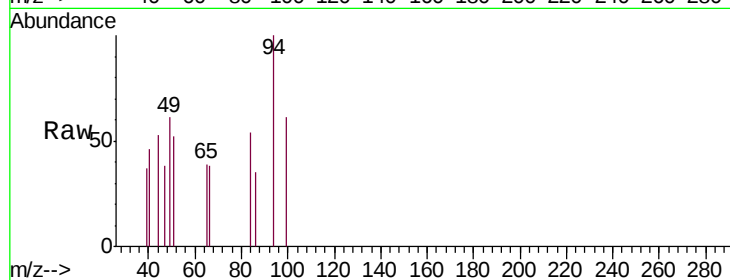
Tgt Ion: 94 Resp: 987

Ion Ratio Lower Upper

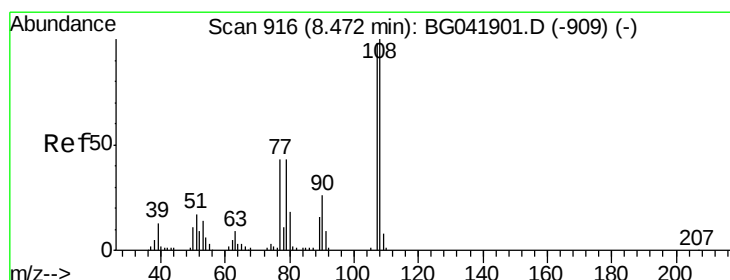
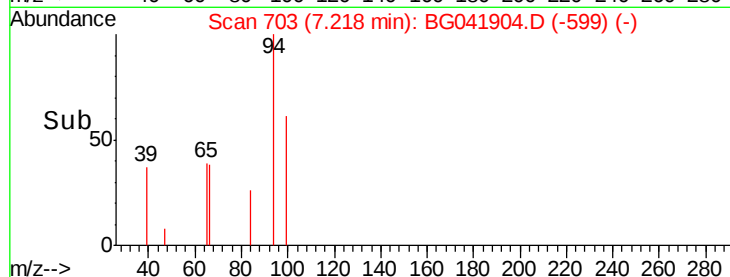
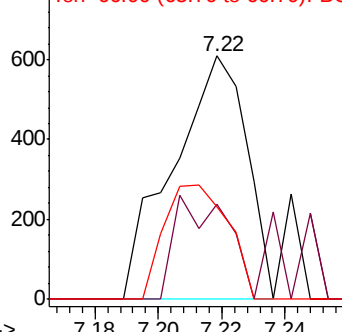
94 100

65 39.2 25.8 38.6#

66 38.1 31.8 47.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

2-Methylphenol

Concen: 0.033 ng/ul

RT: 8.03 min Scan# 841

Delta R.T. -0.44 min

Lab File: BG041904.D

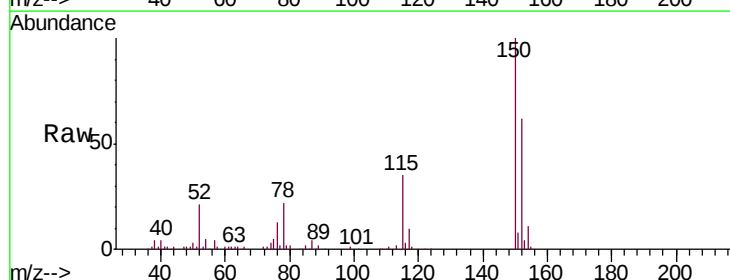
Acq: 3 Aug 2019 11:26

Tgt Ion: 108 Resp: 232

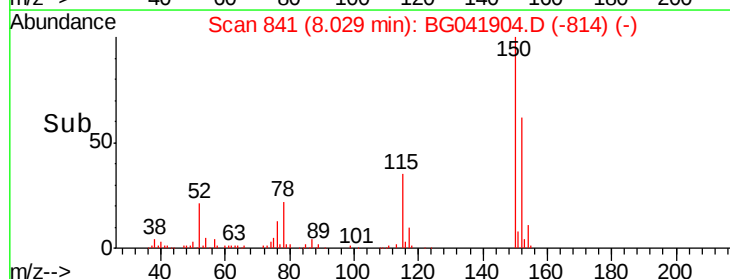
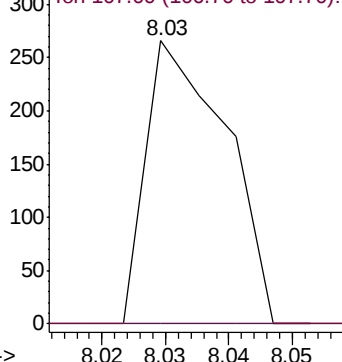
Ion Ratio Lower Upper

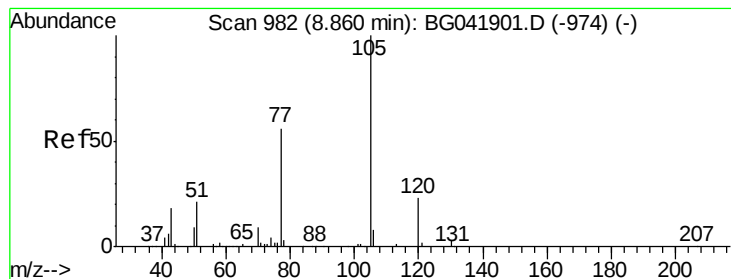
108 100

107 0.0 69.9 104.9#



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E





#14

Acetophenone

Concen: 0.232 ng/ul

RT: 8.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

Instrument :

BNA_G

ClientSampleId :

BENQ3

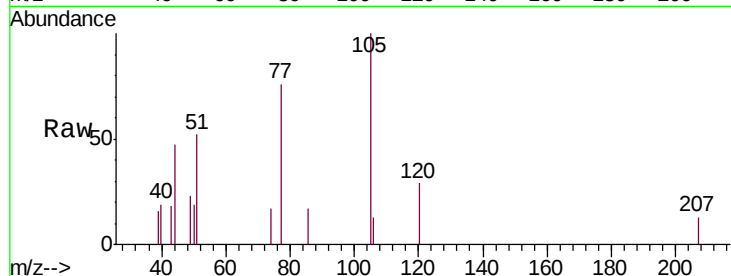
Tgt Ion: 105 Resp: 2562

Ion Ratio Lower Upper

105 100

77 76.3 60.0 90.0

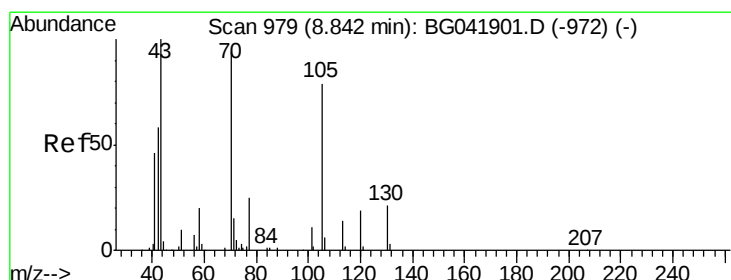
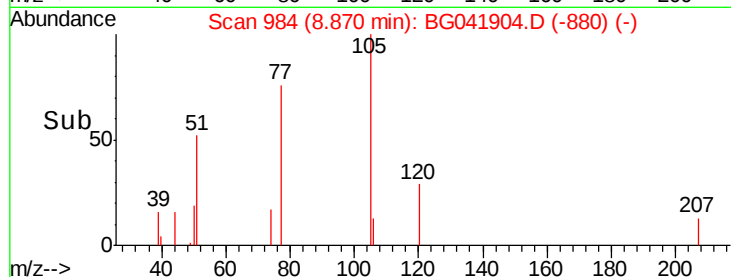
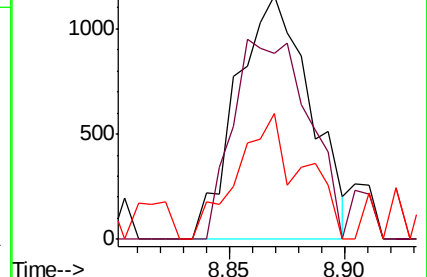
51 51.9 22.1 33.1#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#15

N-Nitroso-di-n-propylamine

Concen: 0.538 ng/ul

RT: 9.20 min Scan# 1041

Delta R.T. 0.36 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

Tgt Ion: 70 Resp: 3140

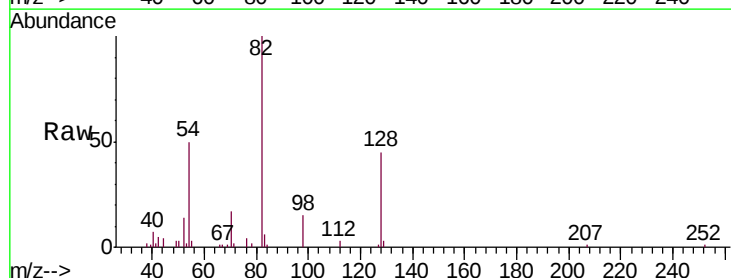
Ion Ratio Lower Upper

70 100

42 30.0 46.4 69.6#

101 0.0 9.7 14.5#

130 0.0 21.1 31.7#

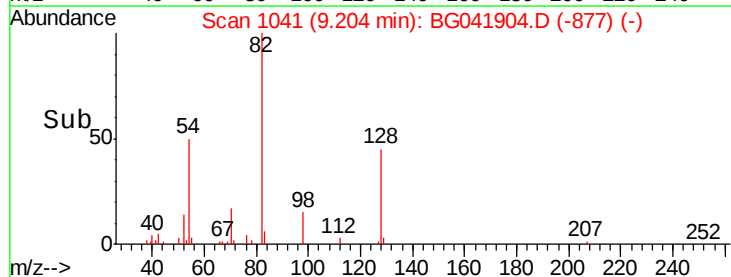
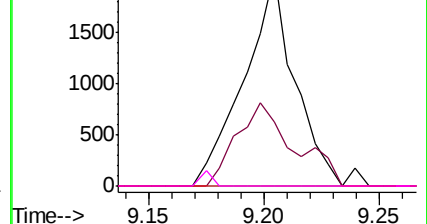


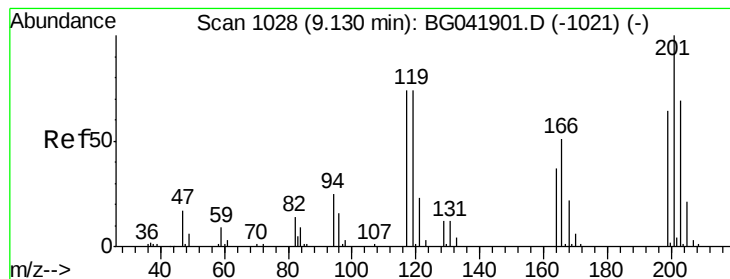
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#17

Hexachloroethane

Concen: 0.552 ng/ul

RT: 9.16 min Scan# 1033

Delta R.T. 0.03 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

Instrument :

BNA_G

ClientSampleId :

BENQ3

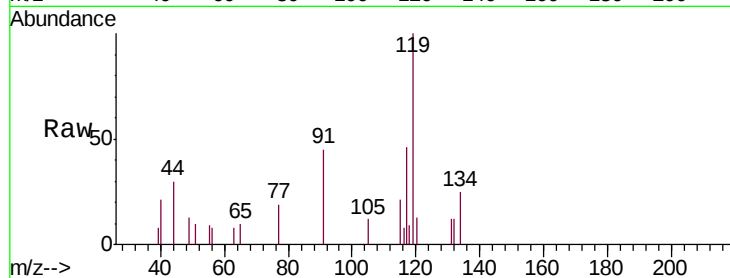
Tgt Ion:117 Resp: 1697

Ion Ratio Lower Upper

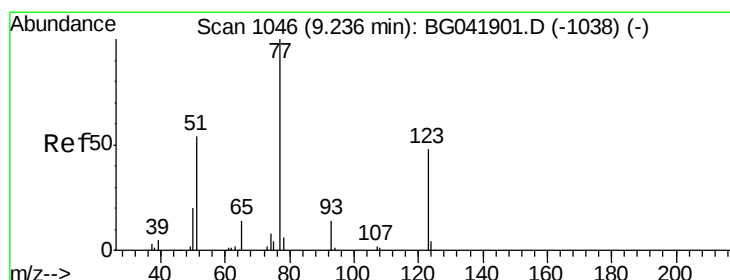
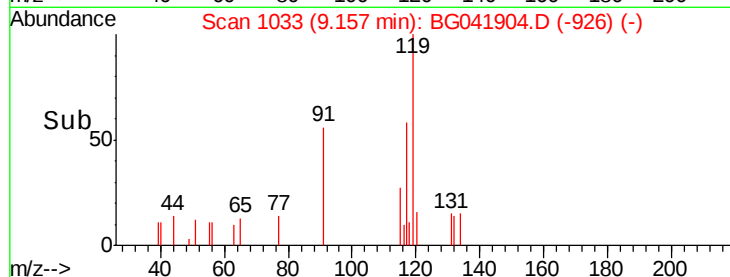
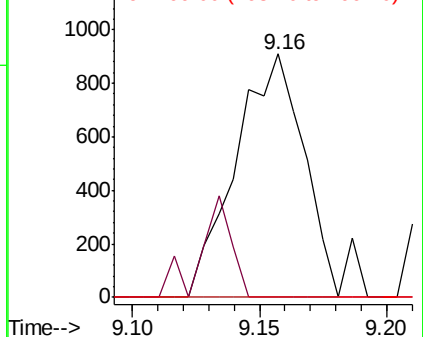
117 100

201 0.0 103.4 155.2#

199 0.0 62.9 94.3#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 0.018 ng/ul

RT: 9.24 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

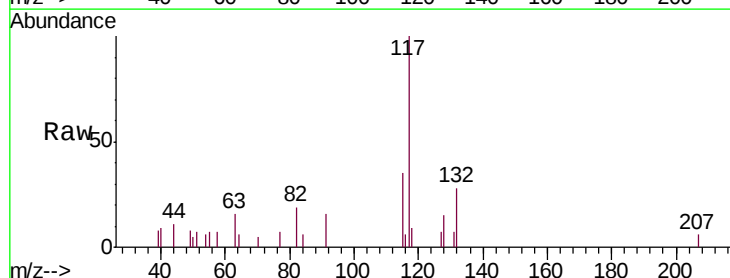
Tgt Ion: 77 Resp: 140

Ion Ratio Lower Upper

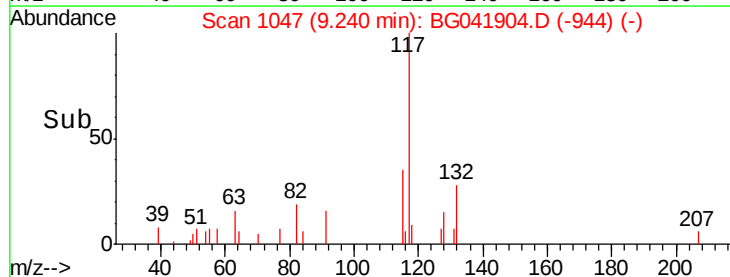
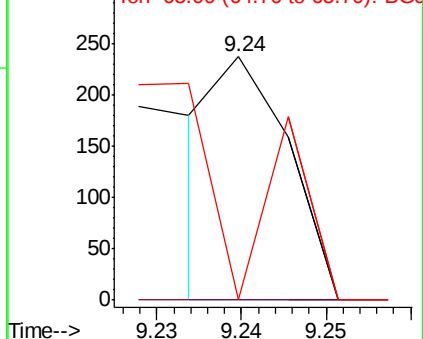
77 100

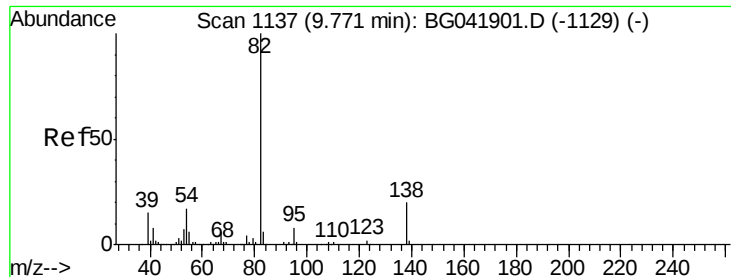
123 0.0 38.3 57.5#

65 0.0 11.6 17.4#



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





#21

Isophorone

Concen: 0.004 ng/ul

RT: 9.91 min Scan# 1161

Delta R.T. 0.14 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

Instrument :

BNA_G

ClientSampleId :

BENQ3

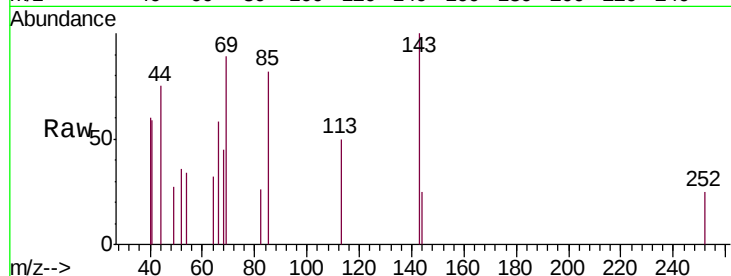
Tgt Ion: 82 Resp: 56

Ion Ratio Lower Upper

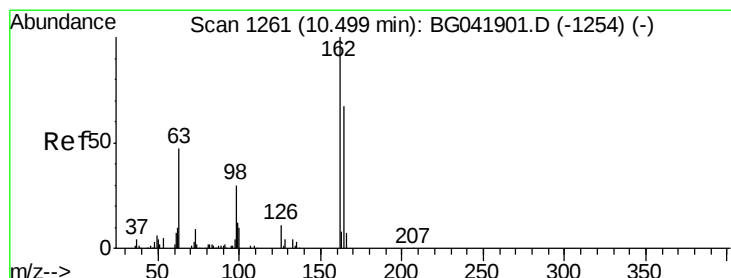
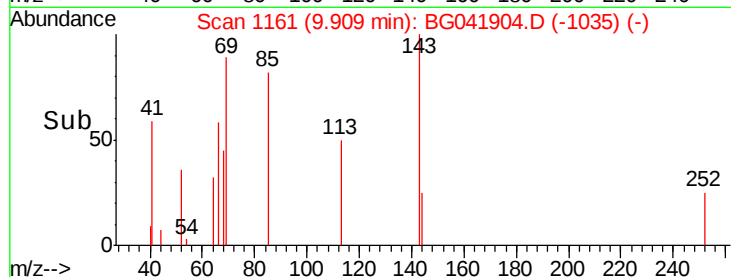
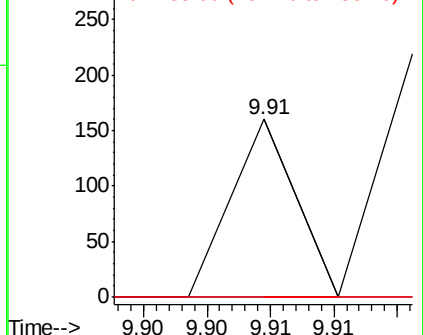
82 100

95 0.0 5.6 8.4#

138 0.0 15.8 23.8#



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



#27

2,4-Dichlorophenol

Concen: 0.035 ng/ul

RT: 10.73 min Scan# 1301

Delta R.T. 0.23 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

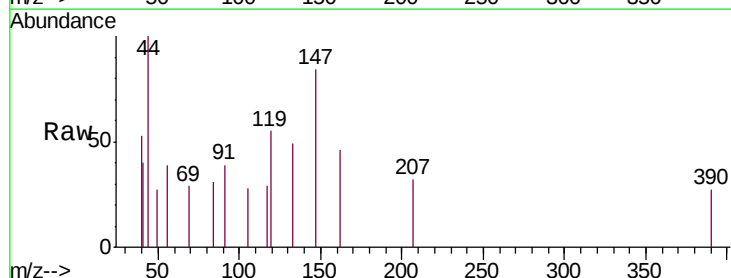
Tgt Ion: 162 Resp: 272

Ion Ratio Lower Upper

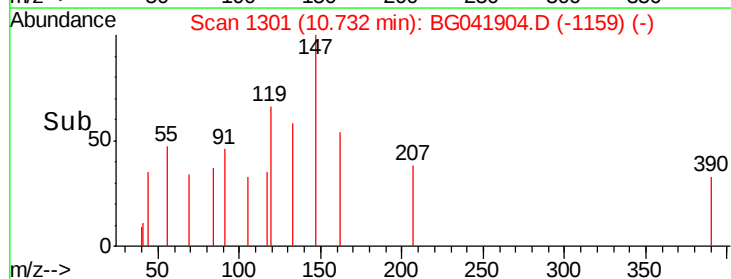
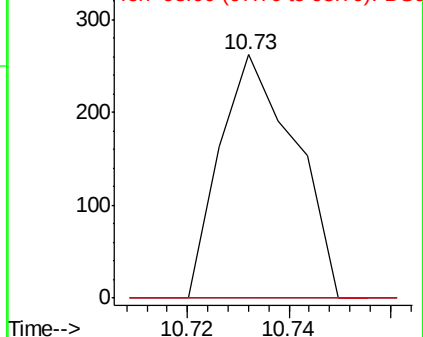
162 100

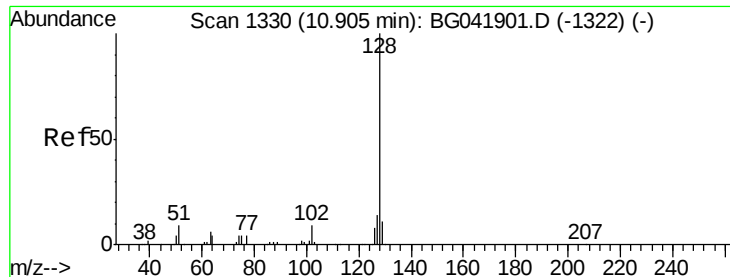
164 0.0 54.6 82.0#

98 0.0 24.6 36.8#



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





#28

Naphthalene

Concen: 12.137 ng/ul

RT: 10.91 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

Instrument :

BNA_G

ClientSampleId :

BENQ3

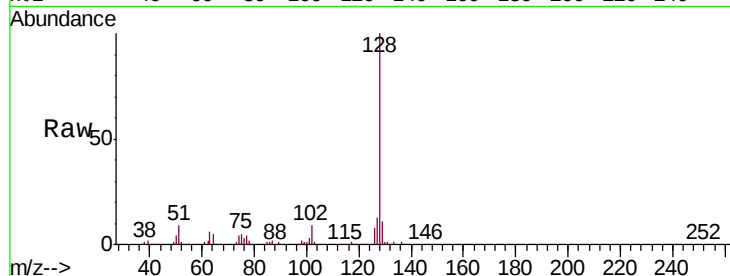
Tgt Ion:128 Resp: 275500

Ion Ratio Lower Upper

128 100

129 10.6 9.5 14.3

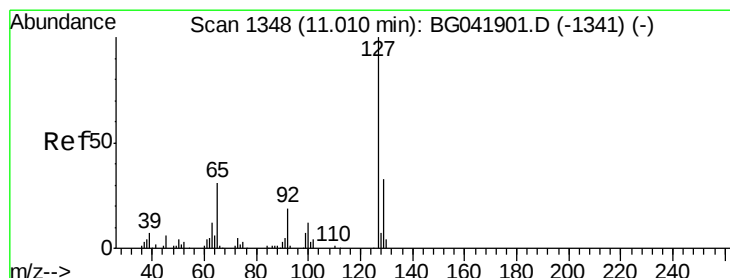
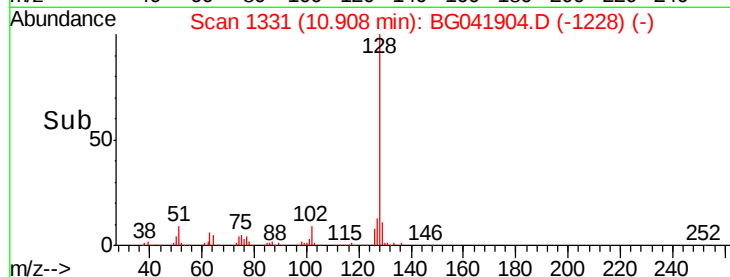
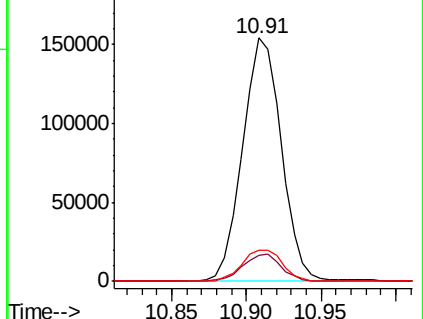
127 12.8 11.4 17.0



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



#30

4-Chloroaniline

Concen: 0.008 ng/ul

RT: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG041904.D

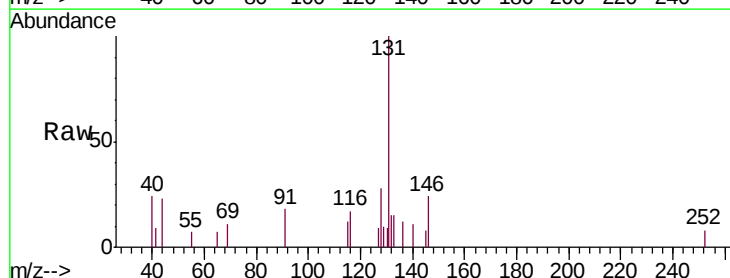
Acq: 3 Aug 2019 11:26

Tgt Ion:127 Resp: 69

Ion Ratio Lower Upper

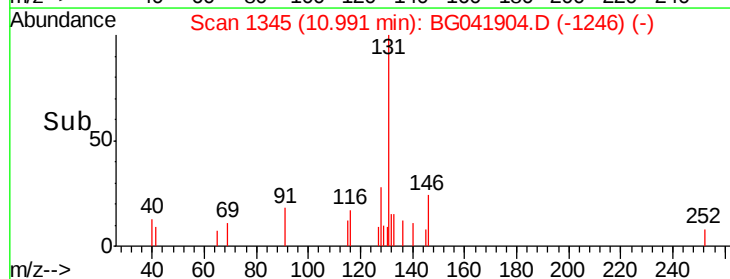
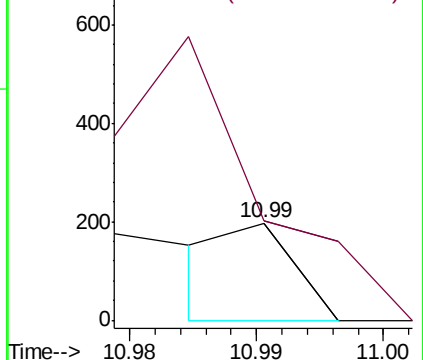
127 100

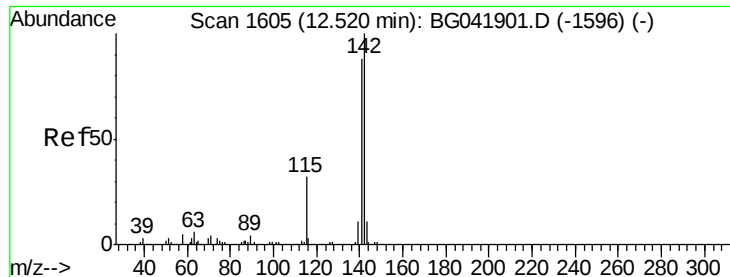
129 103.0 26.5 39.7#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

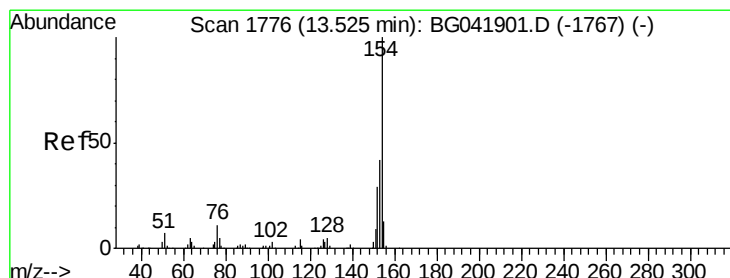
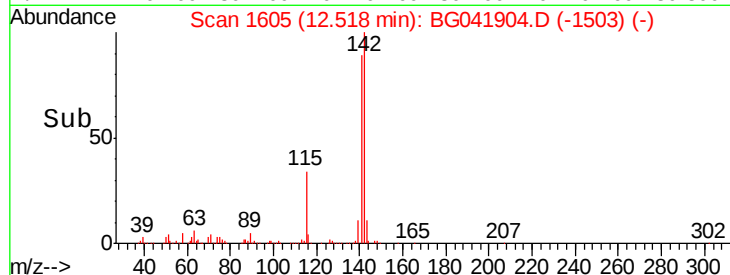
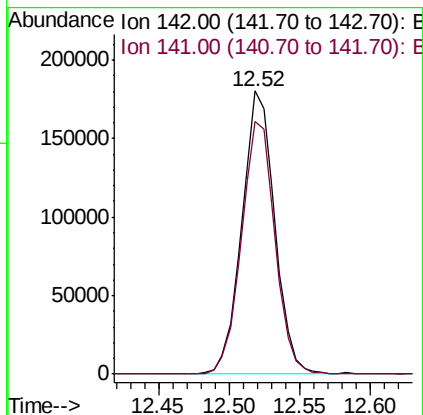
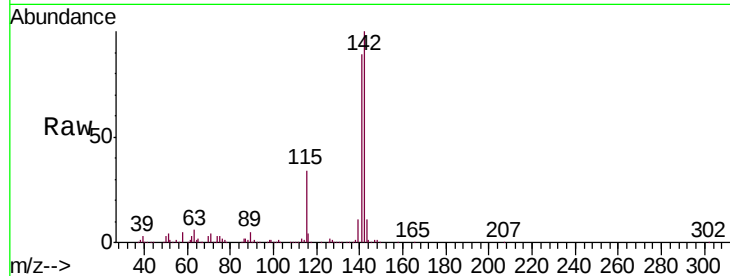




#34
 2-Methylnaphthalene
 Concen: 16.246 ng/ul
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BG041904.D
 Acq: 3 Aug 2019 11:26

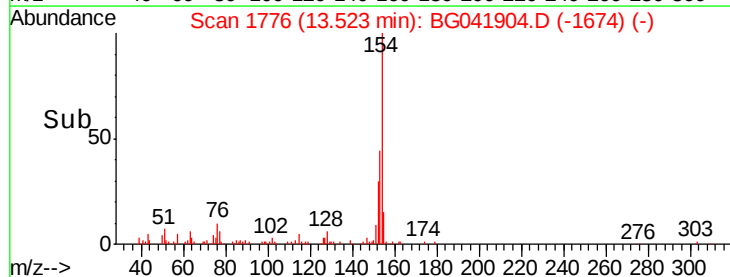
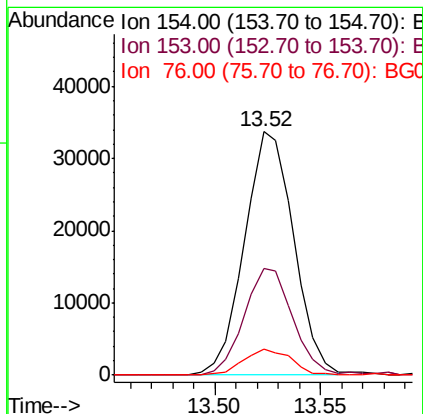
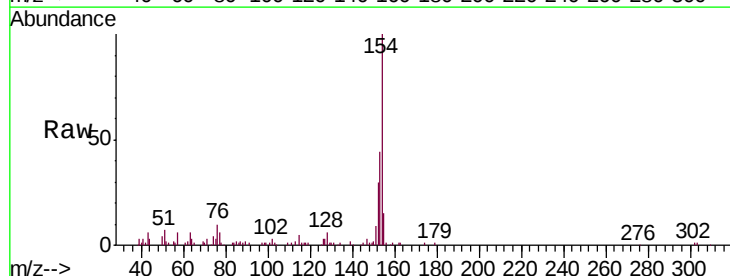
Instrument :
 BNA_G
 ClientSampleId :
 BENQ3

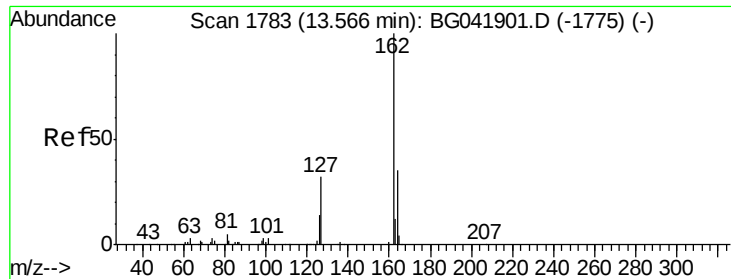
Tgt Ion:142 Resp: 293100
 Ion Ratio Lower Upper
 142 100
 141 89.1 72.9 109.3



#40
 1,1'-Biphenyl
 Concen: 2.566 ng/ul
 RT: 13.52 min Scan# 1776
 Delta R.T. -0.00 min
 Lab File: BG041904.D
 Acq: 3 Aug 2019 11:26

Tgt Ion:154 Resp: 54468
 Ion Ratio Lower Upper
 154 100
 153 44.0 32.6 48.8
 76 10.5 8.6 13.0

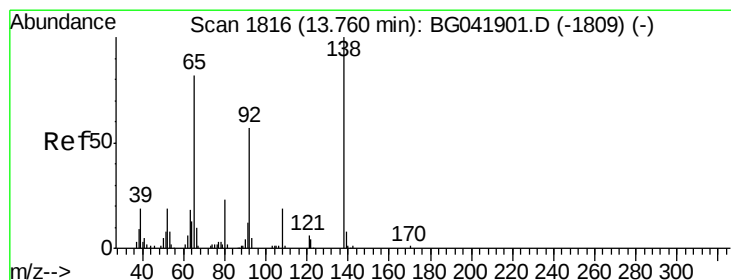
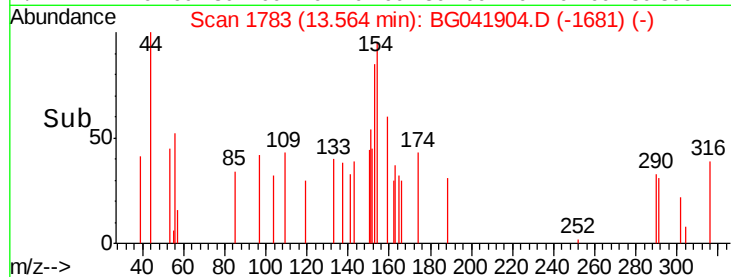
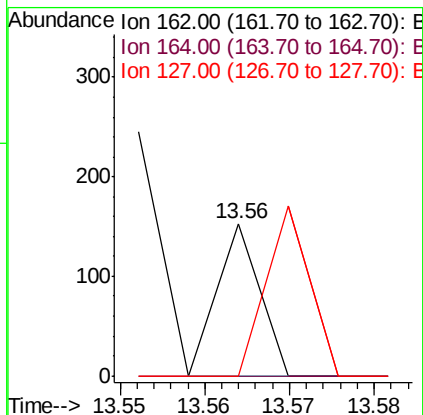
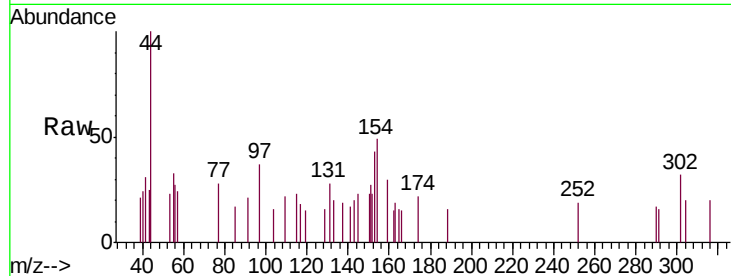




#41
2-Chloronaphthalene
Concen: 0.003 ng/ul
RT: 13.56 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BG041904.D
Acq: 3 Aug 2019 11:26

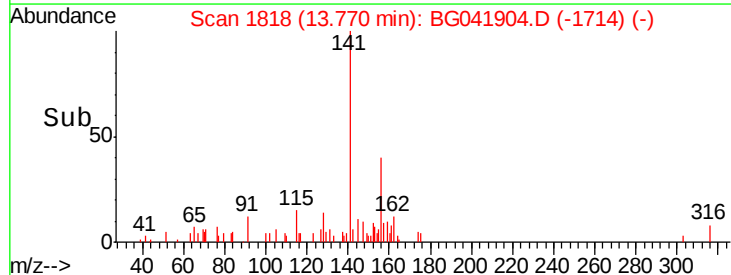
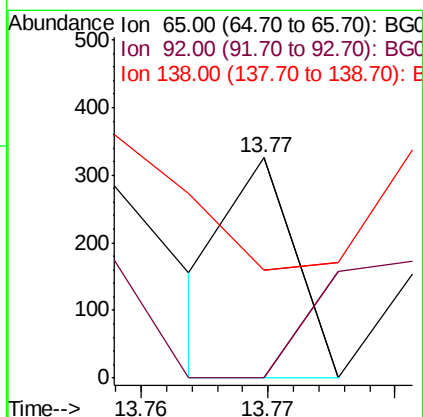
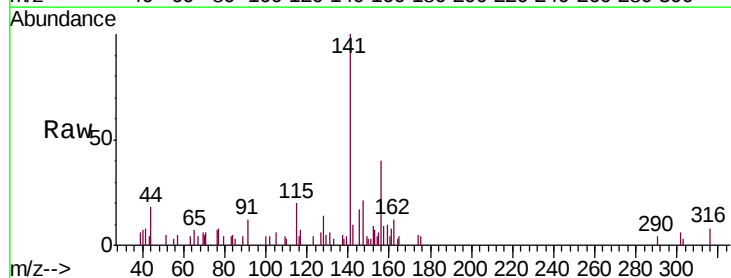
Instrument :
BNA_G
ClientSampleId :
BENQ3

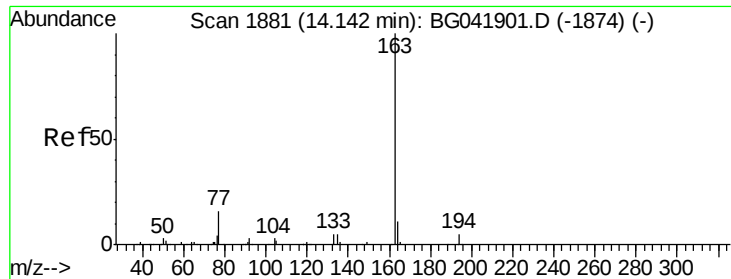
Tgt Ion: 162 Resp: 54
Ion Ratio Lower Upper
162 100
164 0.0 26.9 40.3#
127 0.0 27.8 41.8#



#42
2-Nitroaniline
Concen: 0.026 ng/ul
RT: 13.77 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BG041904.D
Acq: 3 Aug 2019 11:26

Tgt Ion: 65 Resp: 115
Ion Ratio Lower Upper
65 100
92 0.0 51.6 77.4#
138 49.1 94.1 141.1#

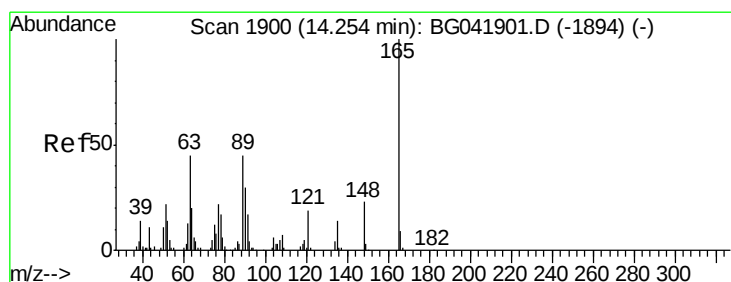
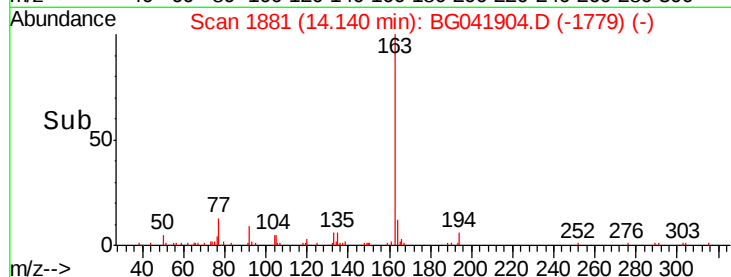
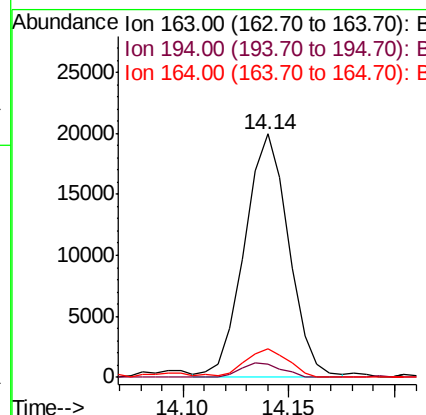
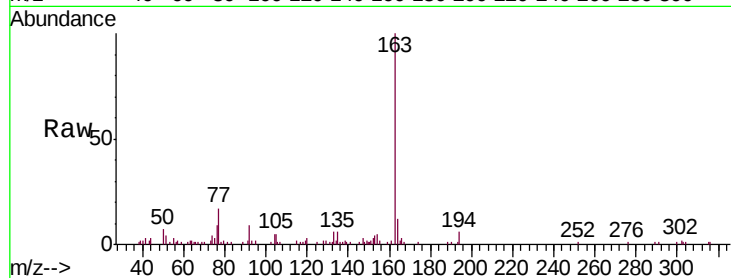




#44
Dimethylphthalate
Concen: 1.293 ng/ul
RT: 14.14 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG041904.D
Acq: 3 Aug 2019 11:26

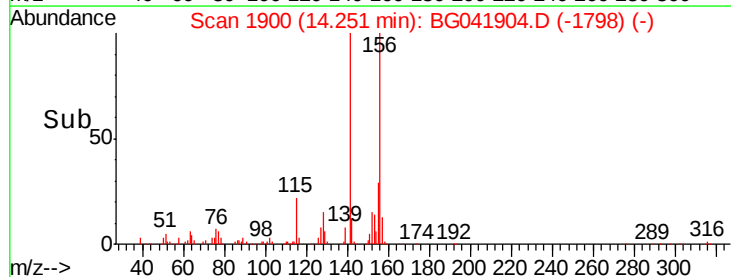
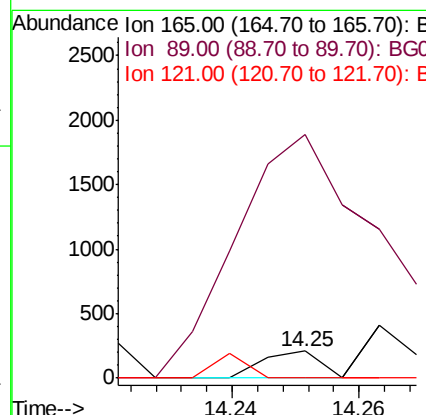
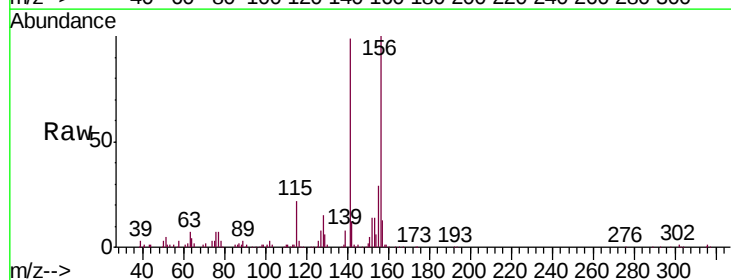
Instrument :
BNA_G
ClientSampled :
BENQ3

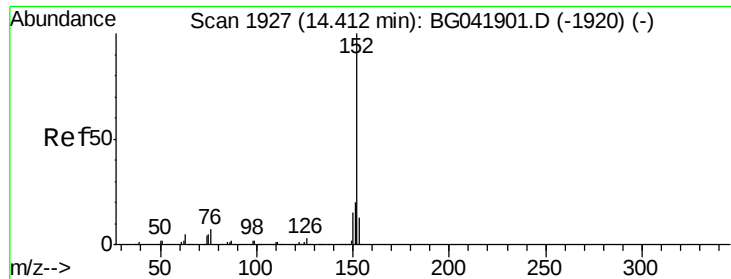
Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.6	4.2	6.2
164	11.7	7.8	11.8



#45
2,6-Dinitrotoluene
Concen: 0.027 ng/ul
RT: 14.25 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BG041904.D
Acq: 3 Aug 2019 11:26

Tgt Ion	Ratio	Lower	Upper
165	100		
89	907.7	36.8	55.2#
121	0.0	15.6	23.4#





#47

Acenaphthylene

Concen: 0.495 ng/ul

RT: 14.42 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

Instrument :

BNA_G

ClientSampleId :

BENQ3

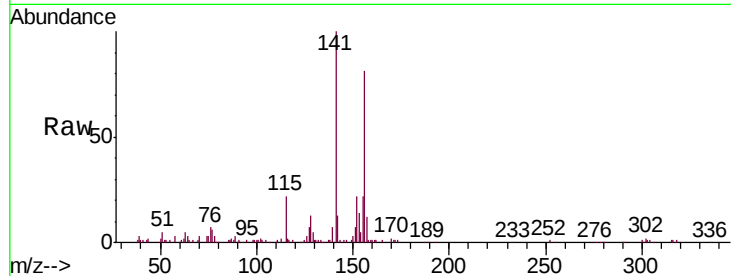
Tgt Ion:152 Resp: 12917

Ion Ratio Lower Upper

152 100

151 33.7 16.8 25.2#

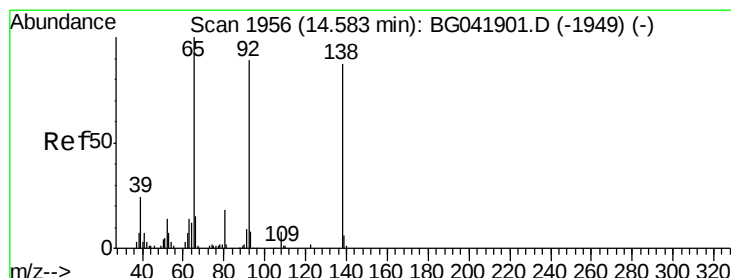
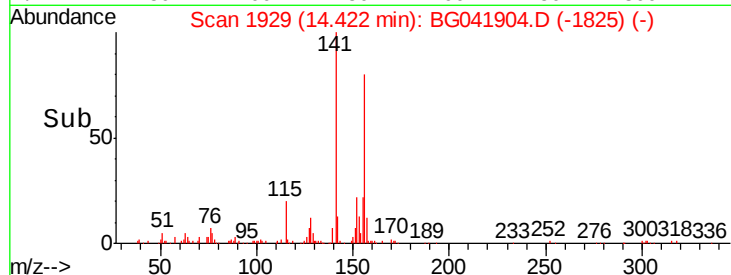
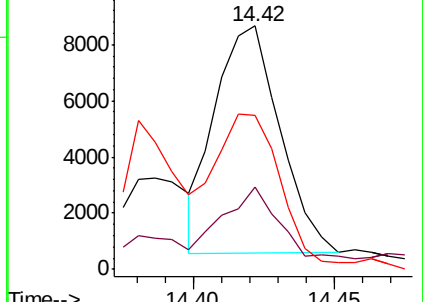
153 63.4 10.3 15.5#



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



#48

3-Nitroaniline

Concen: 0.097 ng/ul

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

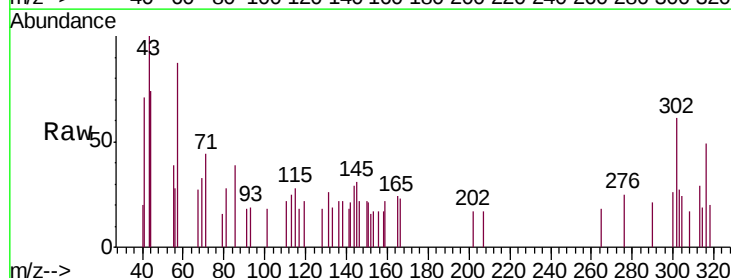
Tgt Ion:138 Resp: 379

Ion Ratio Lower Upper

138 100

108 0.0 7.6 11.4#

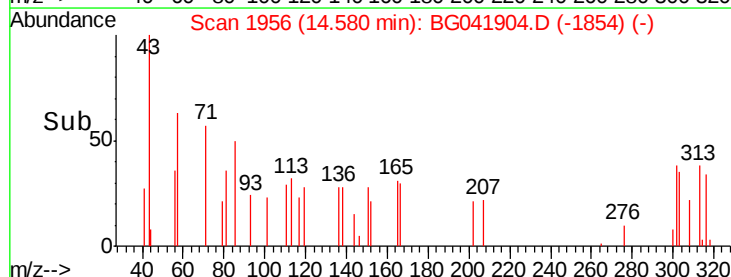
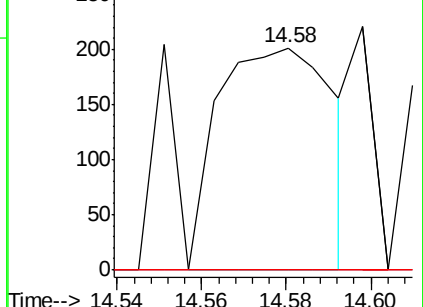
92 0.0 76.4 114.6#

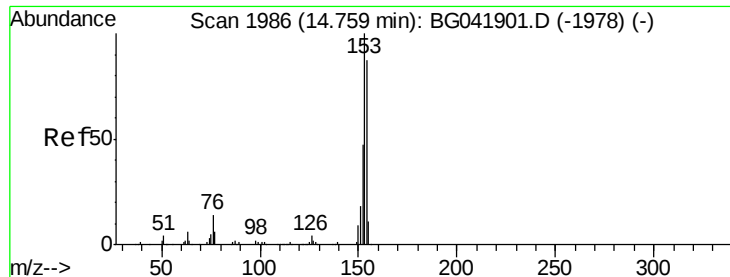


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 24.245 ng/ul

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

Instrument :

BNA_G

ClientSampleId :

BENQ3

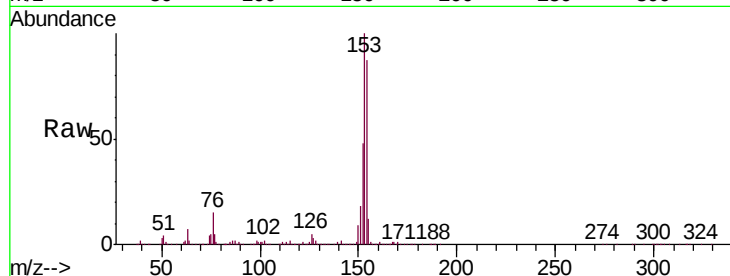
Tgt Ion:153 Resp: 442540

Ion Ratio Lower Upper

153 100

152 47.7 37.8 56.8

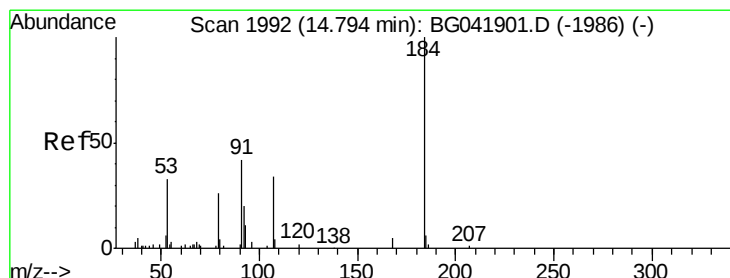
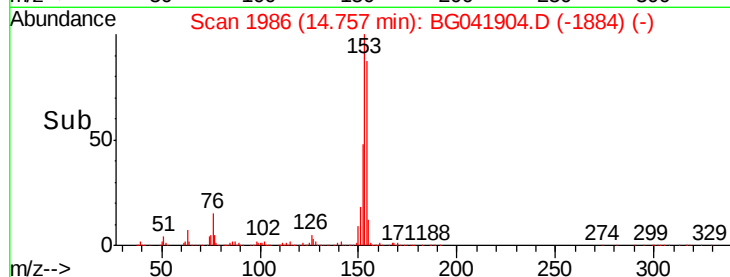
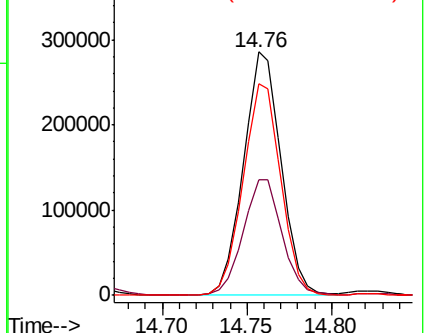
154 86.9 69.4 104.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 0.024 ng/ul

RT: 15.12 min Scan# 2048

Delta R.T. 0.33 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

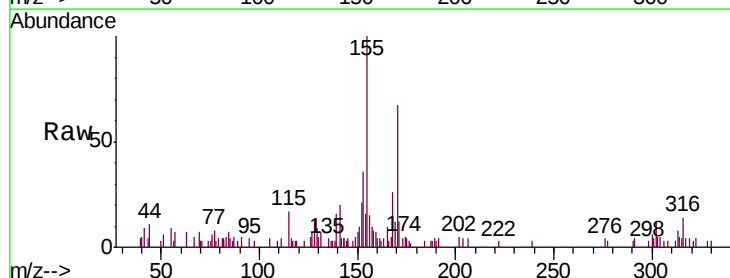
Tgt Ion:184 Resp: 64

Ion Ratio Lower Upper

184 100

63 243.4 32.6 49.0#

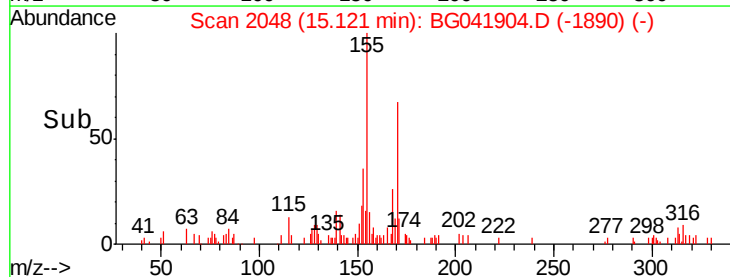
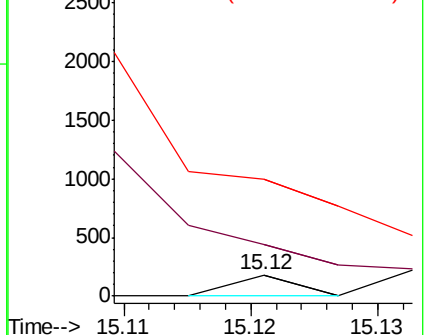
154 545.6 41.8 62.6#

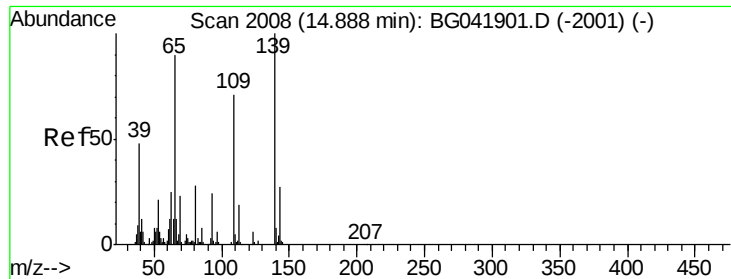


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

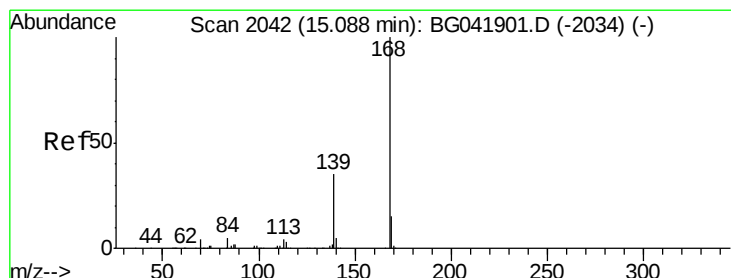
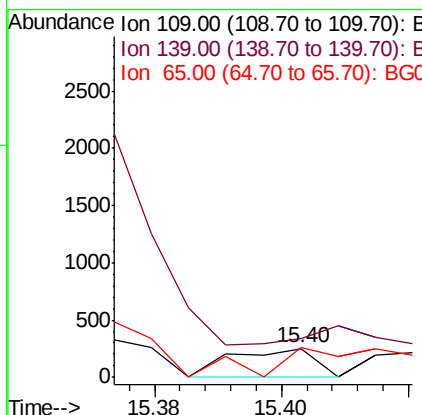
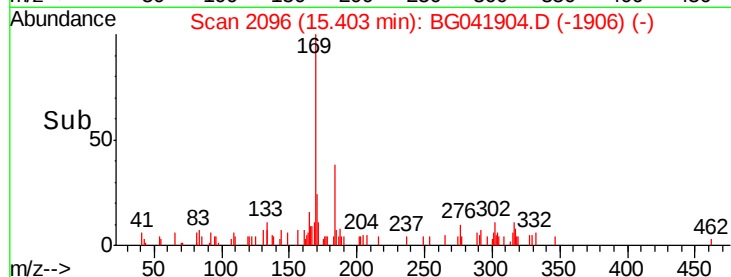
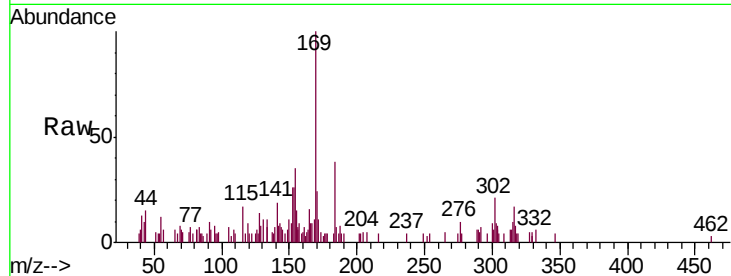




#52
4-Nitrophenol
Concen: 0.082 ng/ul
RT: 15.40 min Scan# 2096
Delta R.T. 0.51 min
Lab File: BG041904.D
Acq: 3 Aug 2019 11:26

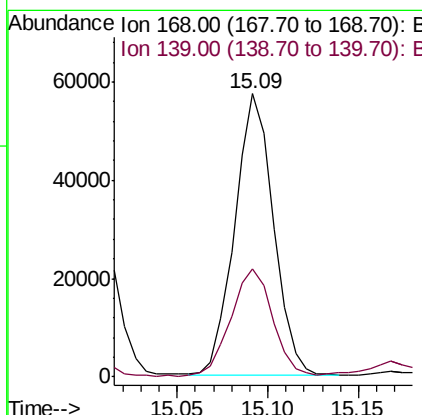
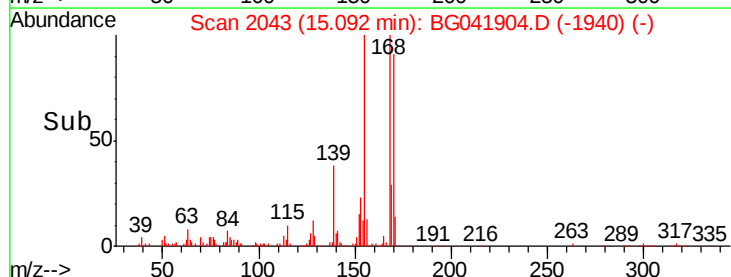
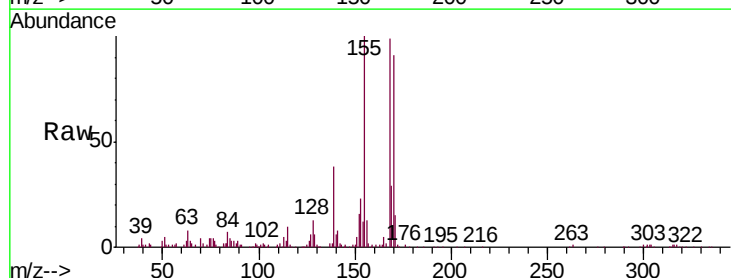
Instrument :
BNA_G
ClientSampleId :
BENQ3

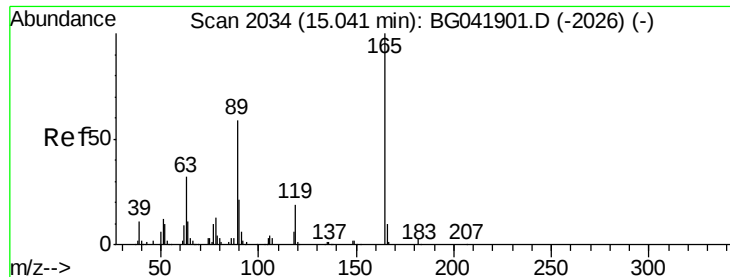
Tgt Ion:109 Resp: 231
Ion Ratio Lower Upper
109 100
139 134.8 111.8 167.6
65 105.6 103.6 155.4



#53
Dibenzofuran
Concen: 3.123 ng/ul
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG041904.D
Acq: 3 Aug 2019 11:26

Tgt Ion:168 Resp: 85077
Ion Ratio Lower Upper
168 100
139 38.3 27.3 40.9





#54

2,4-Dinitrotoluene

Concen: 0.220 ng/ul

RT: 15.04 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

Instrument :

BNA_G

ClientSampleId :

BENQ3

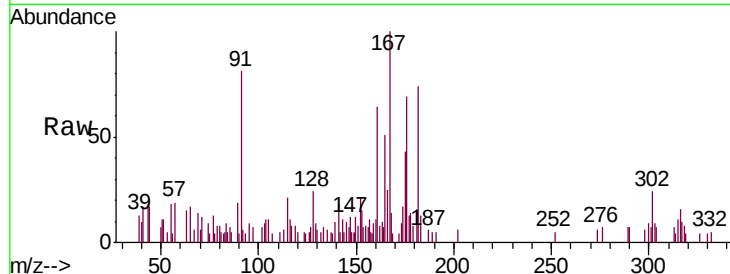
Tgt Ion:165 Resp: 1562

Ion Ratio Lower Upper

165 100

63 30.3 29.4 44.2

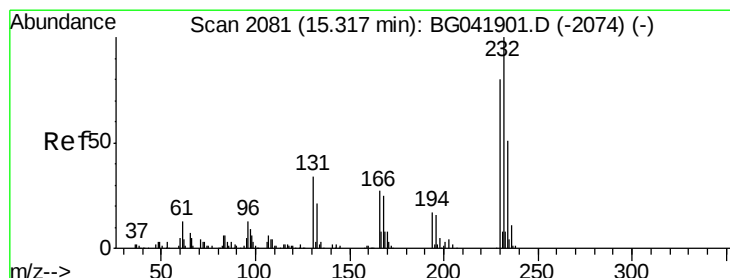
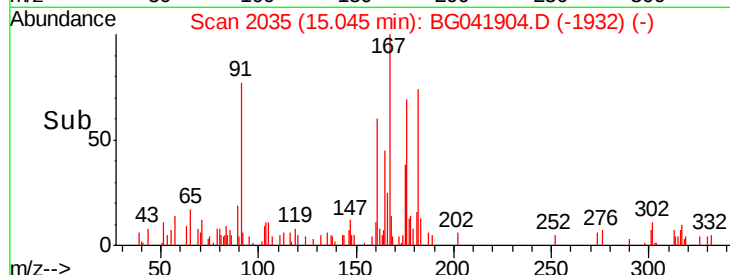
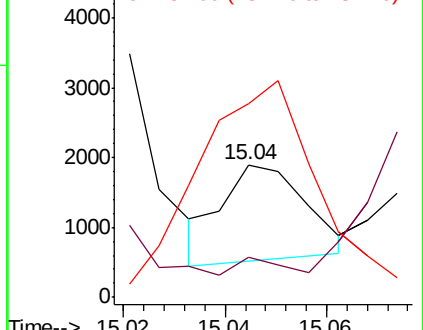
182 146.7 2.6 4.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 0.010 ng/ul

RT: 15.81 min Scan# 2165

Delta R.T. 0.49 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

Tgt Ion:232 Resp: 68

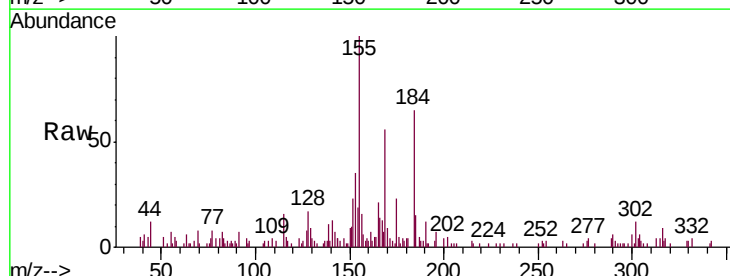
Ion Ratio Lower Upper

232 100

131 110.4 27.1 40.7#

130 185.4 1.3 1.9#

166 604.7 21.4 32.0#

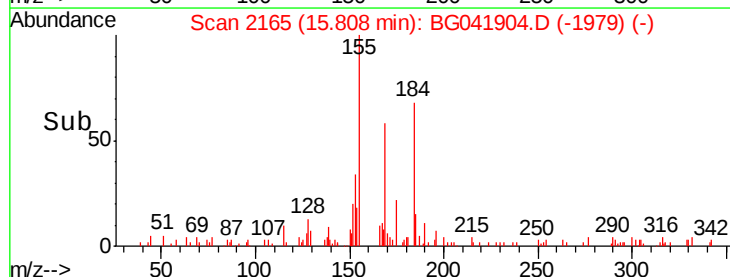
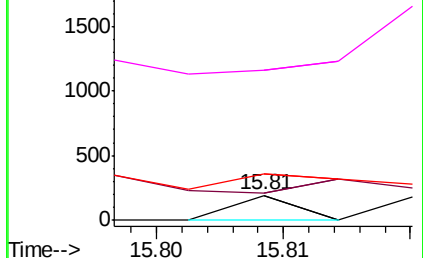


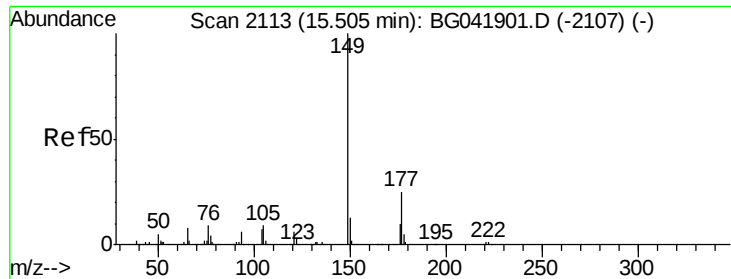
Abundance Ion 232.00 (231.70 to 232.70): E

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





#56

Diethylphthalate

Concen: 0.029 ng/ul

RT: 15.50 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

Instrument :

BNA_G

ClientSampleId :

BENQ3

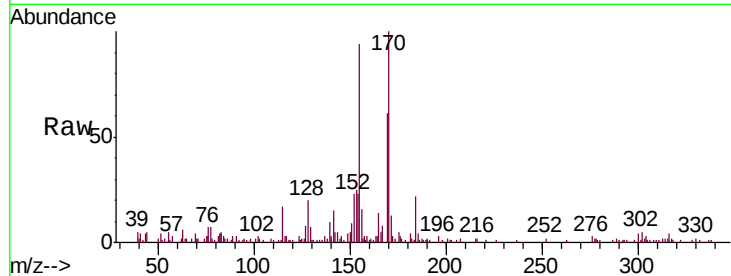
Tgt Ion:149 Resp: 656

Ion Ratio Lower Upper

149 100

177 44.2 19.4 29.2#

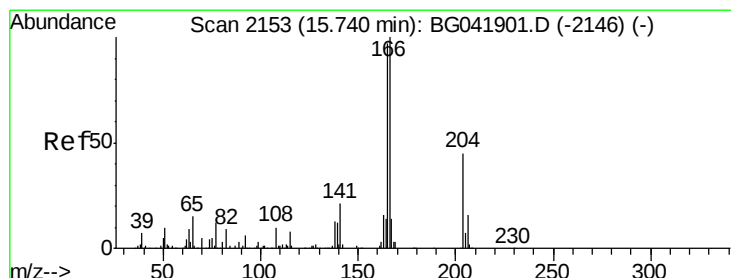
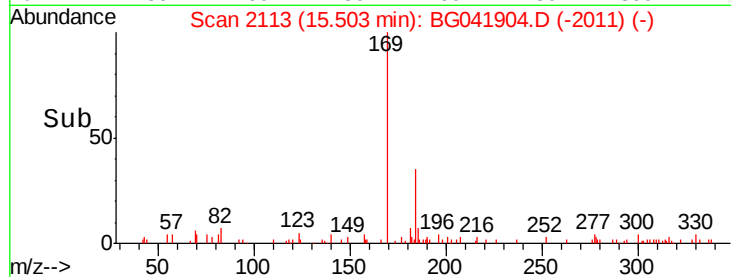
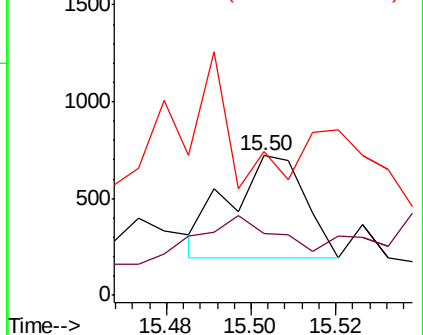
150 102.9 10.2 15.4#



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



#58

Fluorene

Concen: 16.992 ng/ul

RT: 15.74 min Scan# 2154

Delta R.T. 0.00 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

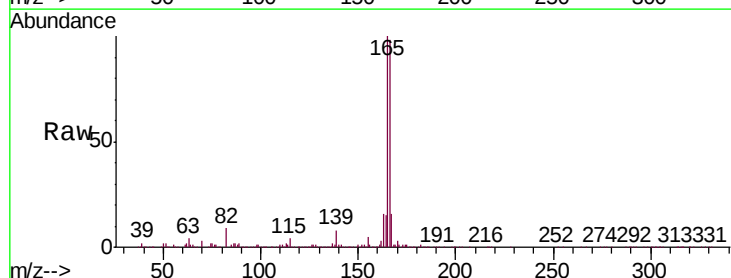
Tgt Ion:166 Resp: 372848

Ion Ratio Lower Upper

166 100

165 101.9 81.1 121.7

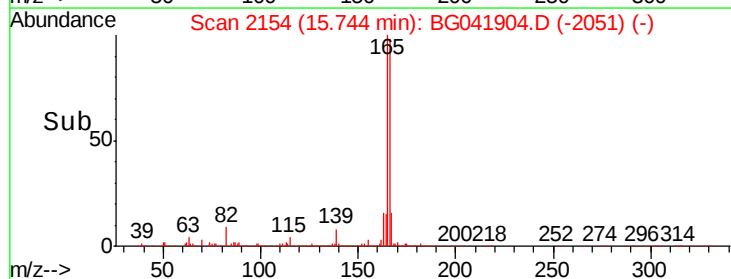
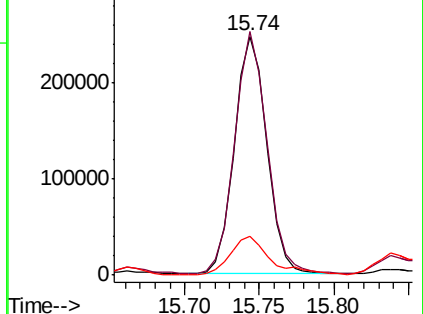
167 16.4 11.0 16.4#

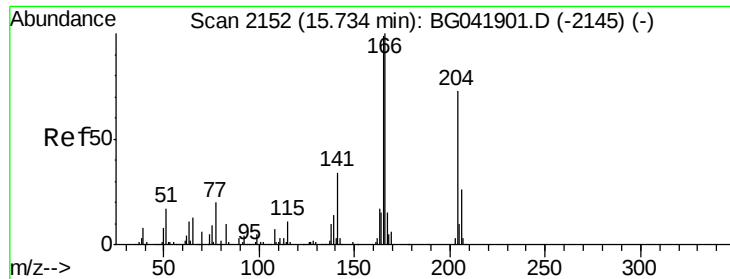


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

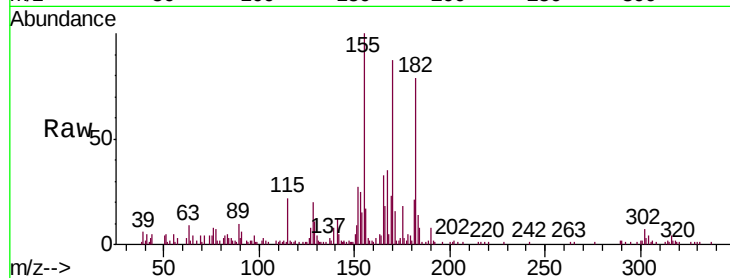




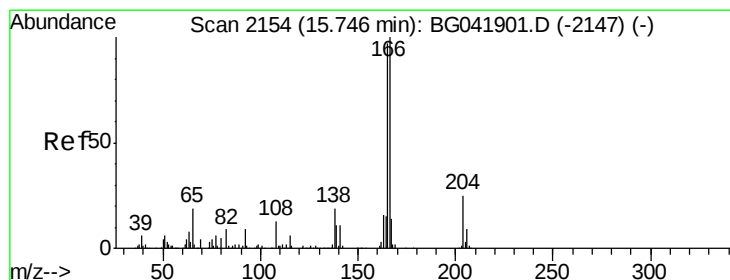
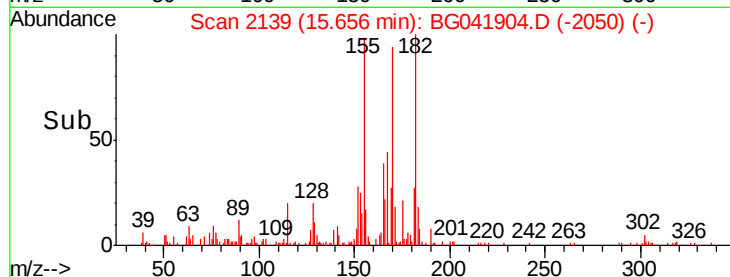
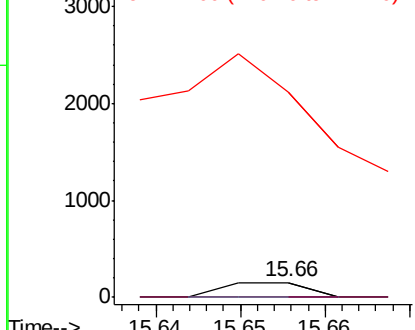
#59
4-Chlorophenyl-phenylether
Concen: 0.008 ng/ul
RT: 15.66 min Scan# 2139
Delta R.T. -0.08 min
Lab File: BG041904.D
Acq: 3 Aug 2019 11:26

Instrument :
BNA_G
ClientSampleId :
BENQ3

Tgt Ion:204 Resp: 108
Ion Ratio Lower Upper
204 100
206 0.0 27.6 41.4#
141 1374.0 39.0 58.6#

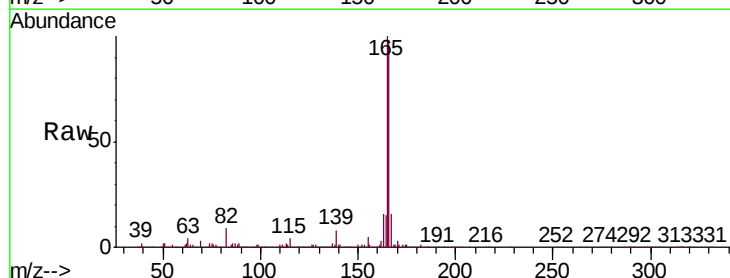


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

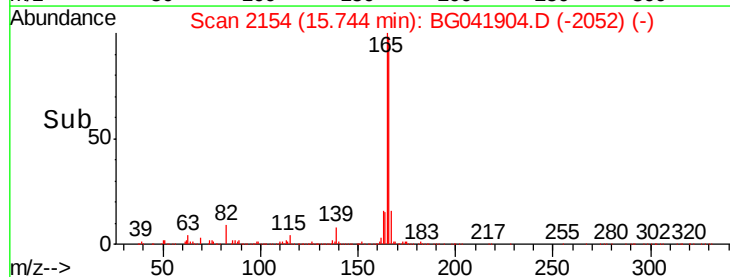
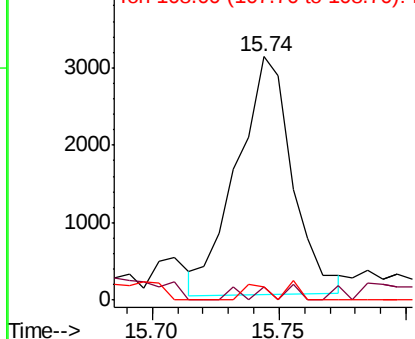


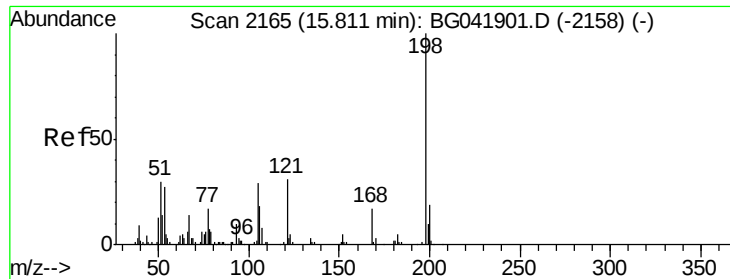
#60
4-Nitroaniline
Concen: 1.076 ng/ul
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG041904.D
Acq: 3 Aug 2019 11:26

Tgt Ion:138 Resp: 4673
Ion Ratio Lower Upper
138 100
92 5.6 34.6 51.8#
108 5.3 54.2 81.2#



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

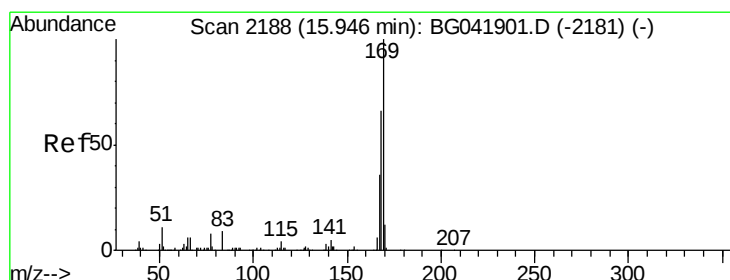
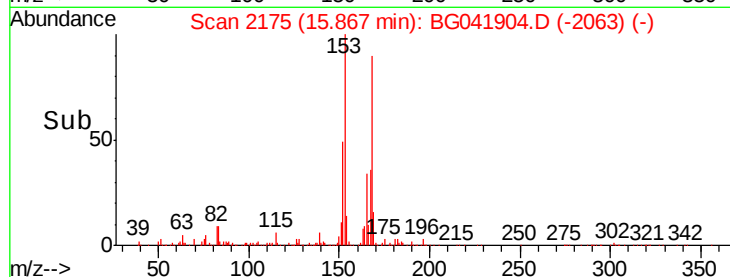
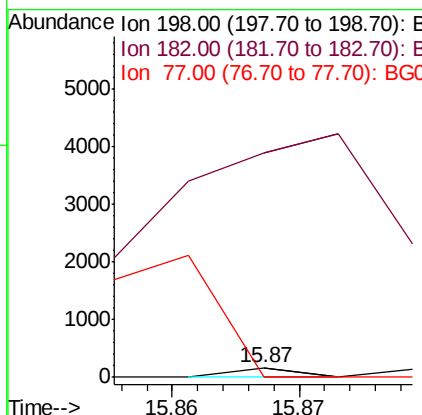
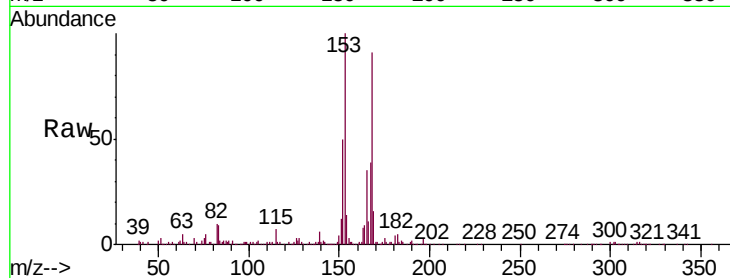




#63
 4,6-Dinitro-2-methylphenol
 Concen: 0.014 ng/ul
 RT: 15.87 min Scan# 2175
 Delta R.T. 0.06 min
 Lab File: BG041904.D
 Acq: 3 Aug 2019 11:26

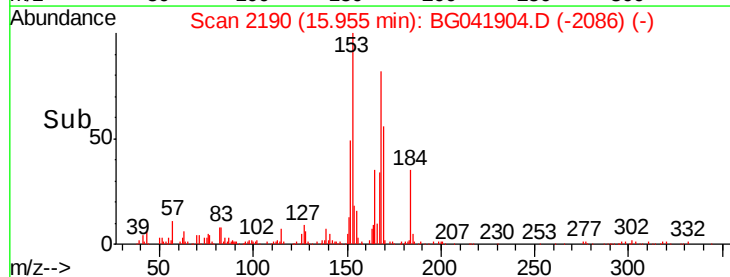
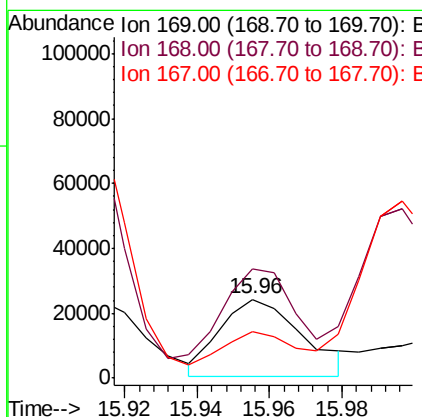
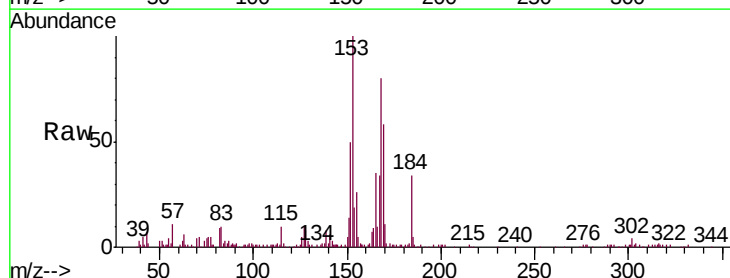
Instrument :
 BNA_G
 ClientSampleId :
 BENQ3

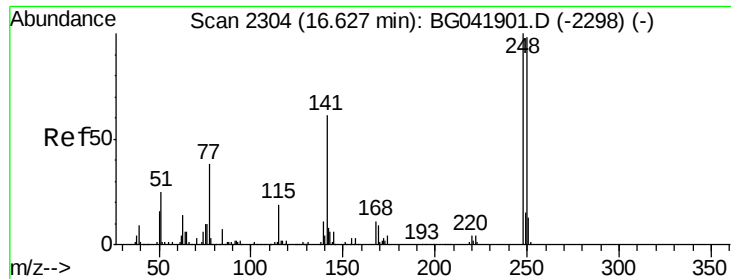
Tgt Ion:198 Resp: 57
 Ion Ratio Lower Upper
 198 100
 182 2390.2 3.4 5.0#
 77 0.0 13.2 19.8#



#64
 N-Nitrosodiphenylamine
 Concen: 2.200 ng/ul
 RT: 15.96 min Scan# 2190
 Delta R.T. 0.01 min
 Lab File: BG041904.D
 Acq: 3 Aug 2019 11:26

Tgt Ion:169 Resp: 37207
 Ion Ratio Lower Upper
 169 100
 168 139.0 55.0 82.4#
 167 58.5 29.5 44.3#





#65

4-Bromophenyl-phenylether

Concen: 0.043 ng/ul

RT: 16.63 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

Instrument :

BNA_G

ClientSampleId :

BENQ3

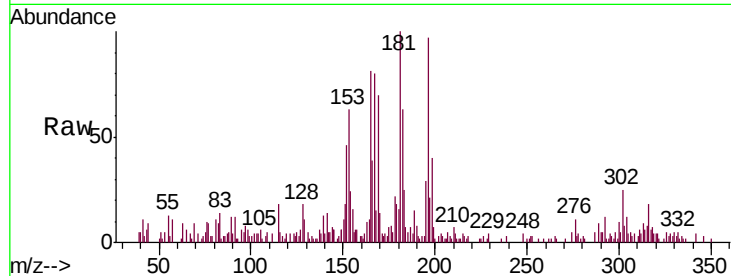
Tgt Ion:248 Resp: 328

Ion Ratio Lower Upper

248 100

250 52.0 76.1 114.1#

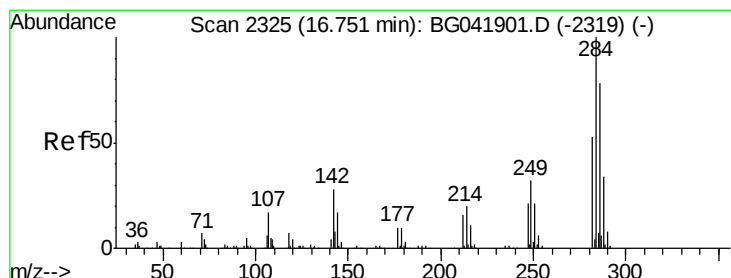
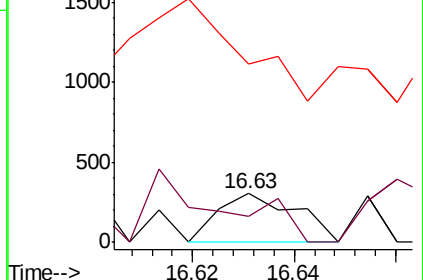
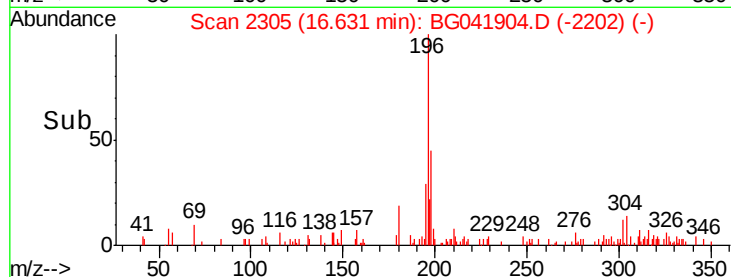
141 364.7 46.8 70.2#



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



#66

Hexachlorobenzene

Concen: 0.085 ng/ul

RT: 16.77 min Scan# 2328

Delta R.T. 0.02 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

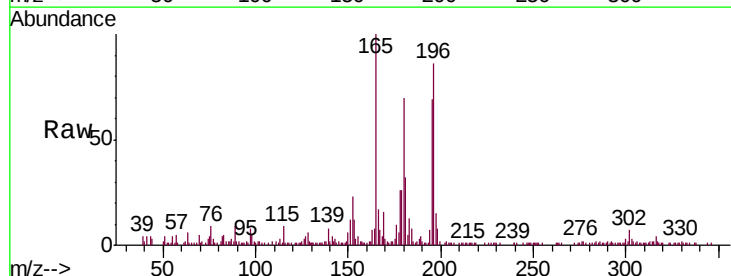
Tgt Ion:284 Resp: 648

Ion Ratio Lower Upper

284 100

142 84.9 24.4 36.6#

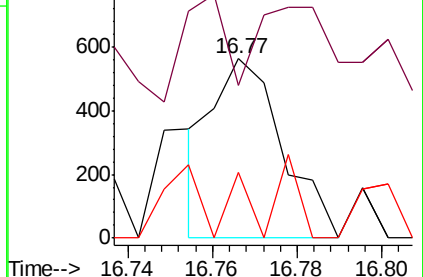
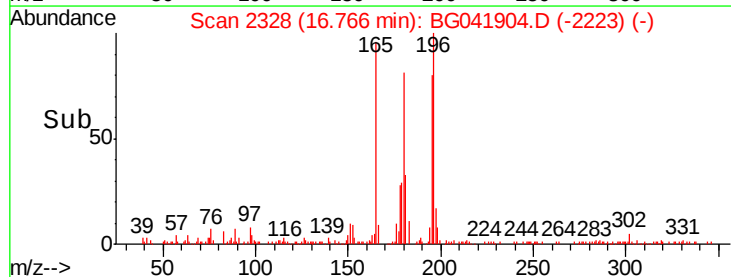
249 36.5 27.2 40.8

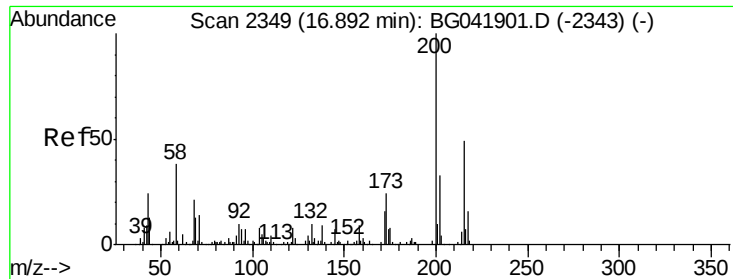


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

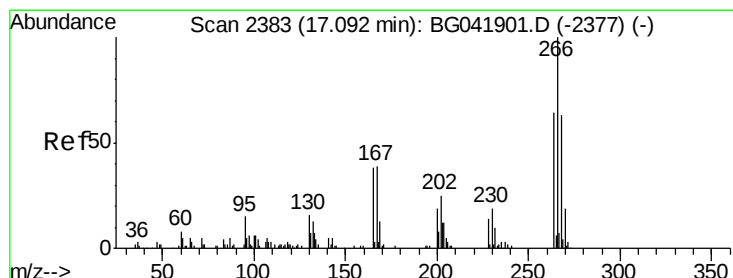
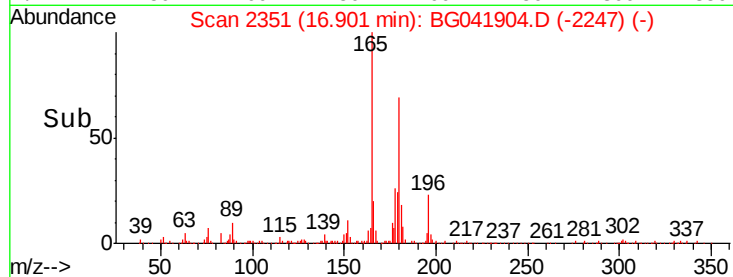
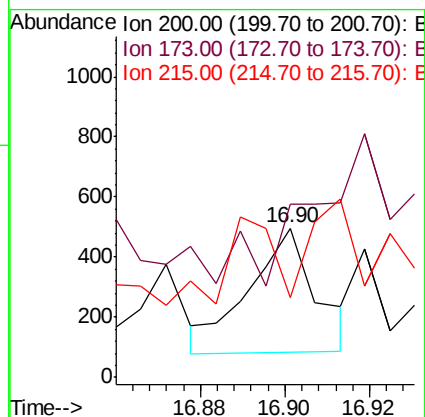
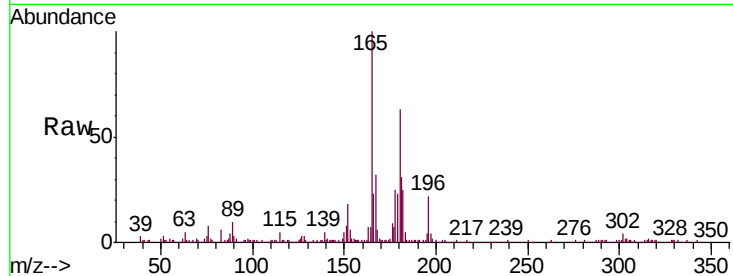




#67
 Atrazine
 Concen: 0.064 ng/ul
 RT: 16.90 min Scan# 2351
 Delta R.T. 0.01 min
 Lab File: BG041904.D
 Acq: 3 Aug 2019 11:26

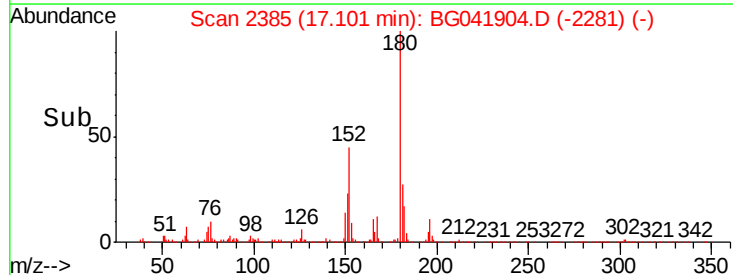
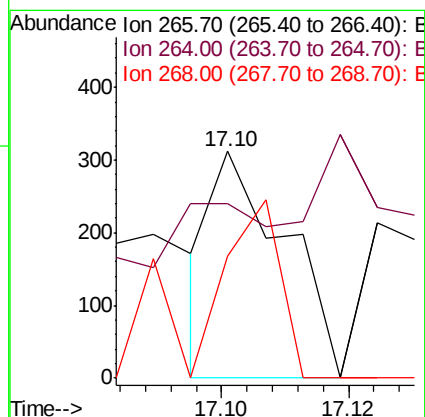
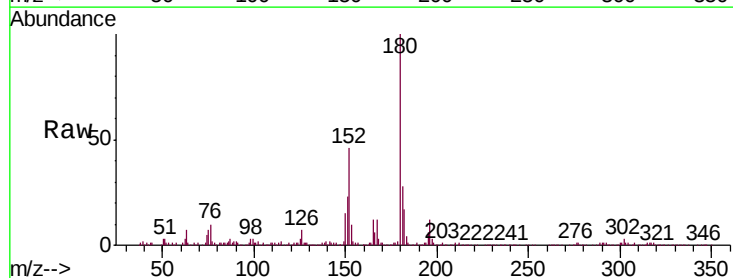
Instrument :
 BNA_G
 ClientSampleId :
 BENQ3

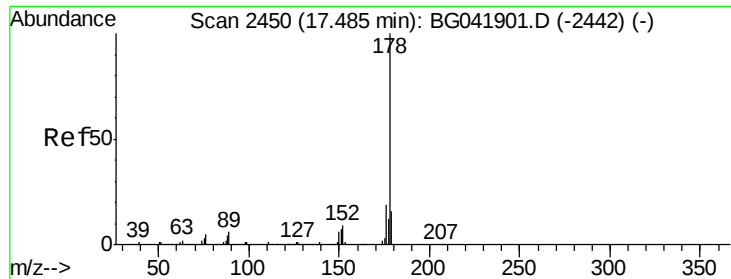
Tgt Ion	Ratio	Lower	Upper
200	100		
173	115.9	19.0	28.6#
215	53.2	43.0	64.6



#68
 Pentachlorophenol
 Concen: 0.060 ng/ul
 RT: 17.10 min Scan# 2385
 Delta R.T. 0.01 min
 Lab File: BG041904.D
 Acq: 3 Aug 2019 11:26

Tgt Ion	Ratio	Lower	Upper
266	100		
264	76.9	52.3	78.5
268	53.8	53.2	79.8





#69

Phenanthrene

Concen: 36.413 ng/ul

RT: 17.58 min Scan# 2467

Delta R.T. 0.10 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

Instrument :

BNA_G

ClientSampled :

BENQ3

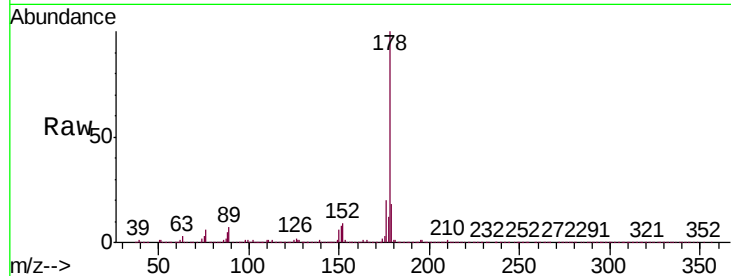
Tgt Ion:178 Resp: 1136562

Ion Ratio Lower Upper

178 100

179 17.8 12.8 19.2

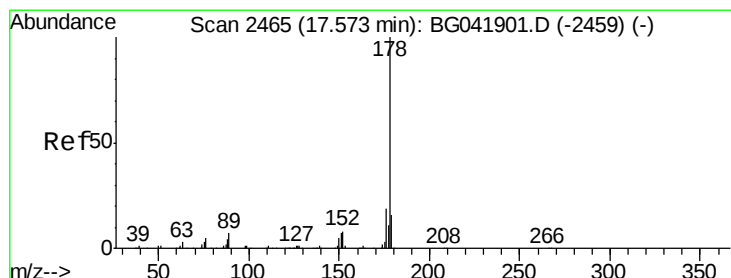
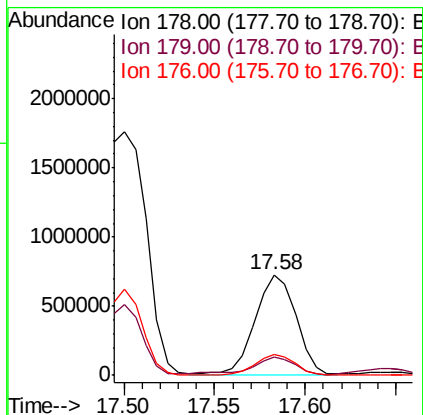
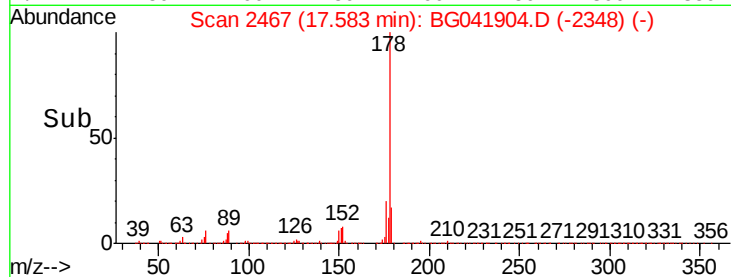
176 20.2 15.4 23.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 35.902 ng/ul

RT: 17.58 min Scan# 2467

Delta R.T. 0.01 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

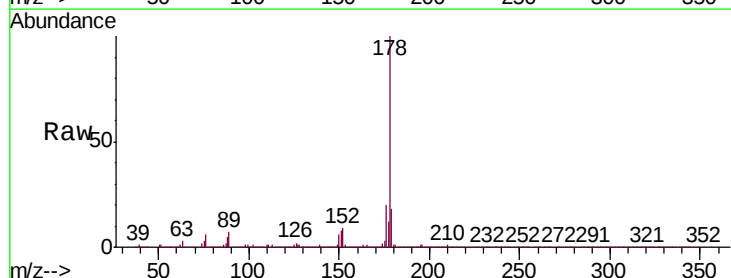
Tgt Ion:178 Resp: 1136562

Ion Ratio Lower Upper

178 100

179 17.8 13.4 20.0

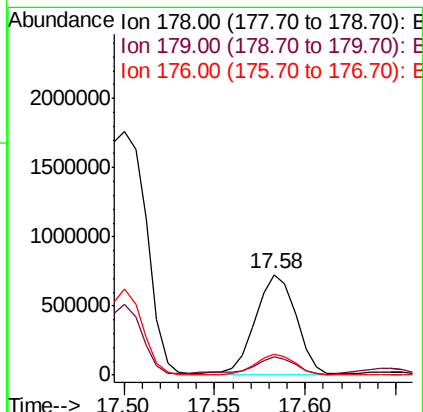
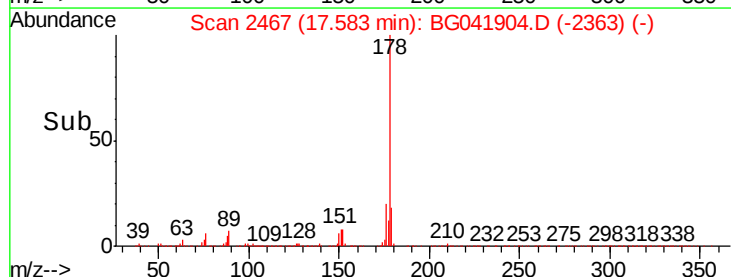
176 20.2 15.4 23.2

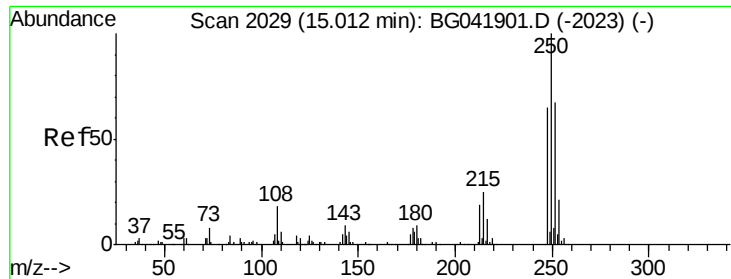


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#73

Pentachlorobenzene

Concen: 0.014 ng/uL

RT: 15.35 min Scan# 2087

Delta R.T. 0.34 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

Instrument :

BNA_G

ClientSampleId :

BENQ3

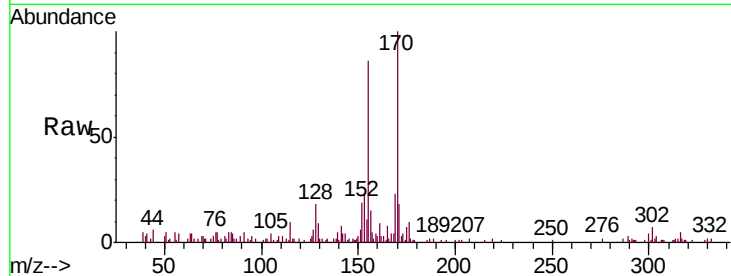
Tgt Ion:250 Resp: 129

Ion Ratio Lower Upper

250 100

248 0.0 50.9 76.3#

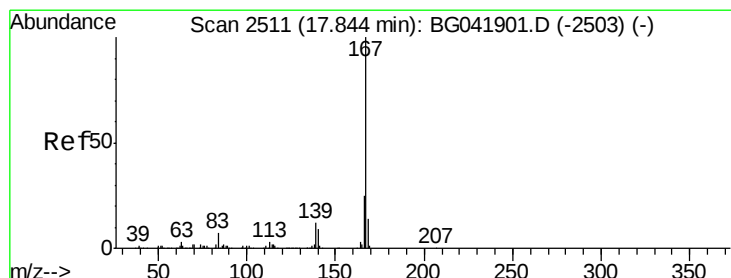
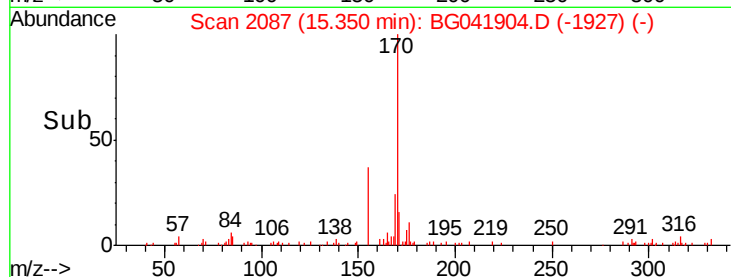
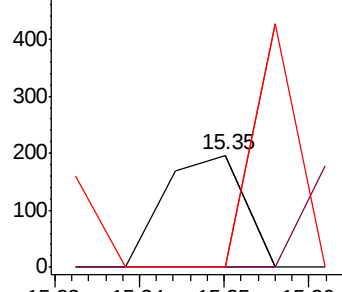
252 0.0 52.0 78.0#



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#74

Carbazole

Concen: 2.842 ng/uL

RT: 17.85 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

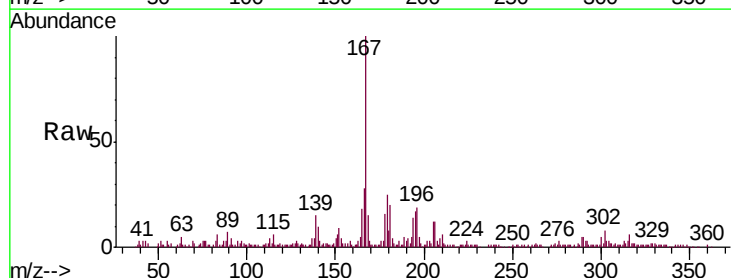
Tgt Ion:167 Resp: 74539

Ion Ratio Lower Upper

167 100

166 27.6 18.2 27.4#

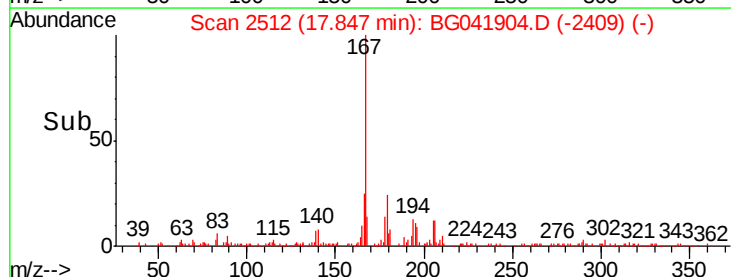
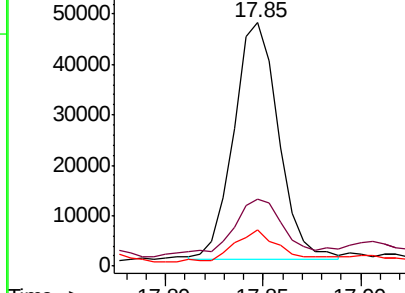
139 14.9 9.6 14.4#

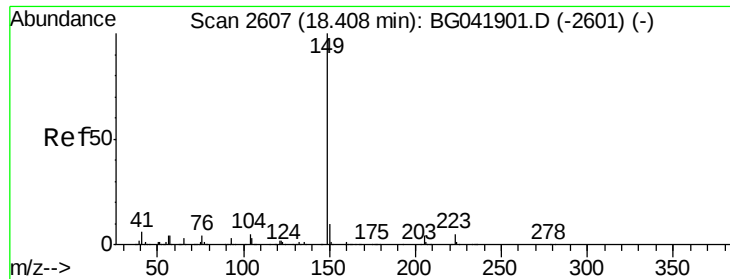


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Di-n-butylphthalate

Concen: 0.061 ng/ul

RT: 18.41 min Scan# 2608

Delta R.T. 0.00 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

Instrument :

BNA_G

ClientSampleId :

BENQ3

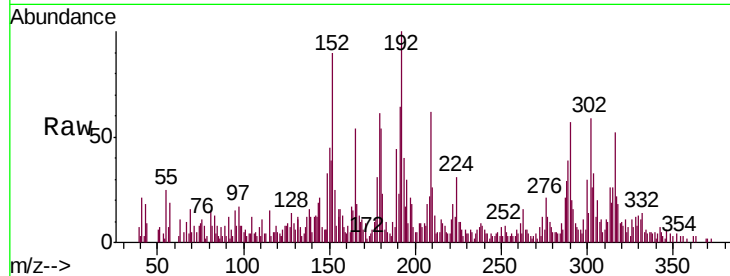
Tgt Ion:149 Resp: 1985

Ion Ratio Lower Upper

149 100

150 137.9 8.3 12.5#

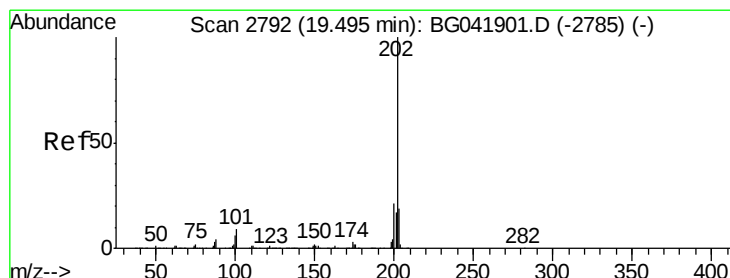
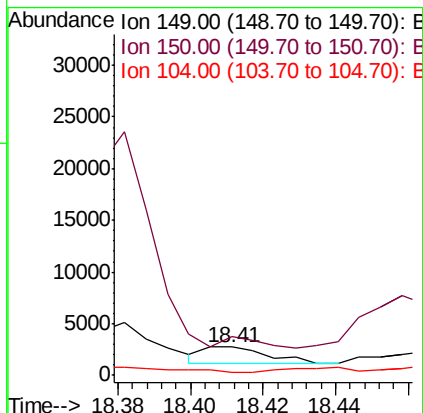
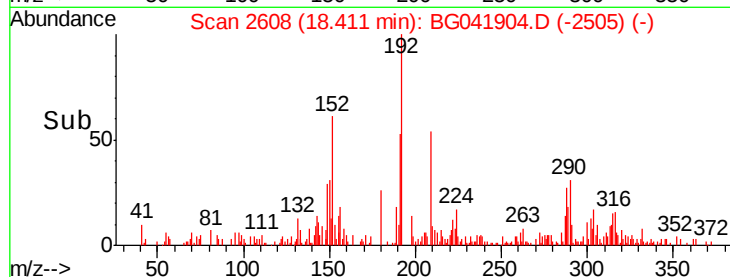
104 11.6 3.9 5.9#



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



#76

Fluoranthene

Concen: 79.118 ng/ul

RT: 19.51 min Scan# 2795

Delta R.T. 0.02 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

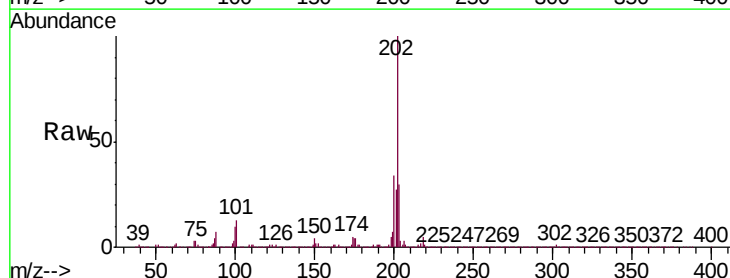
Tgt Ion:202 Resp: 2853314

Ion Ratio Lower Upper

202 100

101 12.6 6.7 10.1#

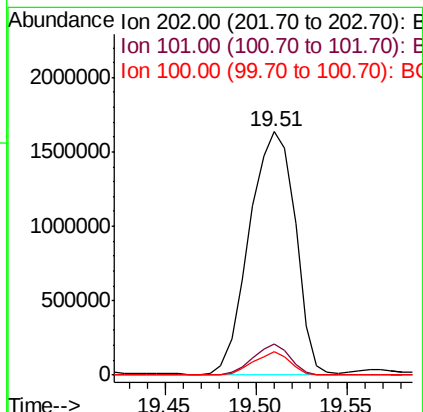
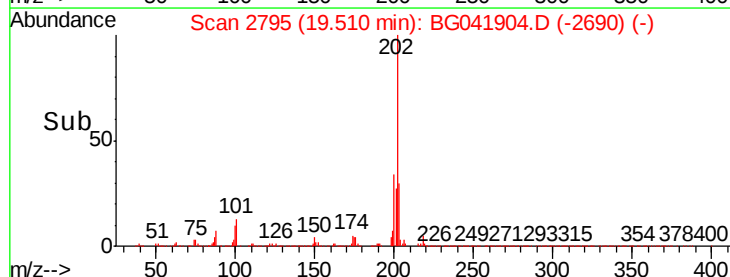
100 9.8 5.3 7.9#

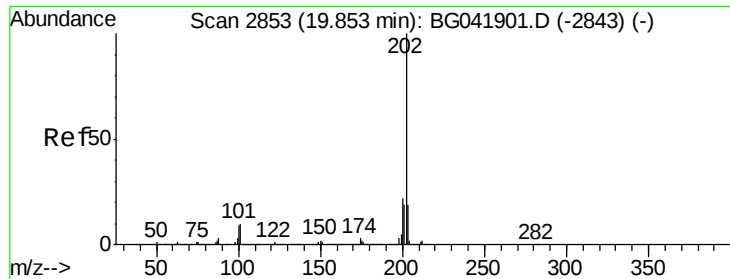


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pyrene

Concen: 99.888 ng/ul

RT: 19.87 min Scan# 2857

Delta R.T. 0.02 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

Instrument :

BNA_G

ClientSampleId :

BENQ3

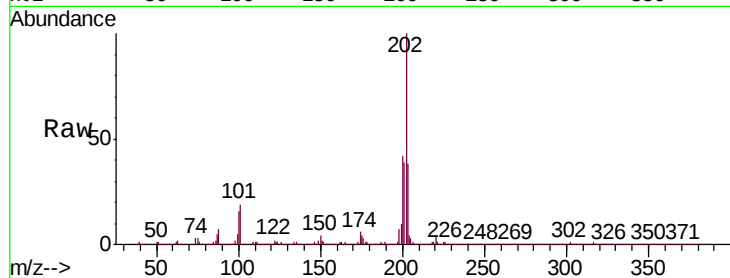
Tgt Ion:202 Resp: 3867653

Ion Ratio Lower Upper

202 100

101 19.2 7.6 11.4#

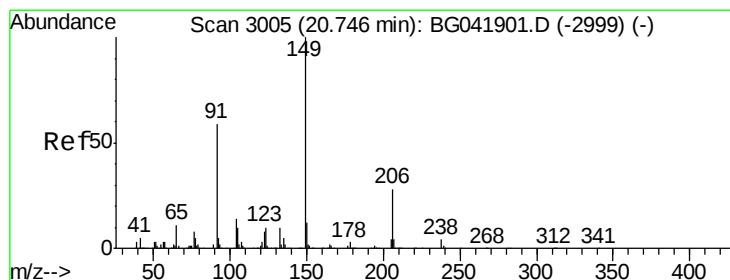
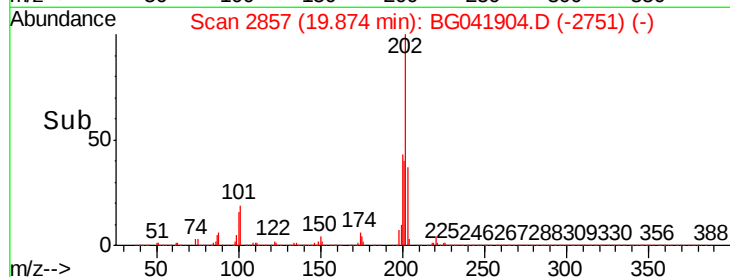
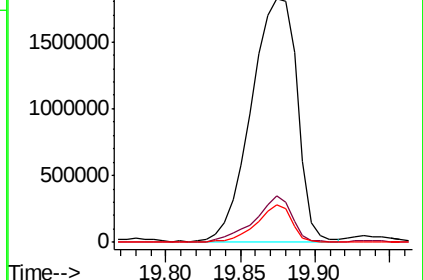
100 15.5 6.5 9.7#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Butylbenzylphthalate

Concen: 0.053 ng/ul

RT: 20.76 min Scan# 3007

Delta R.T. 0.01 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

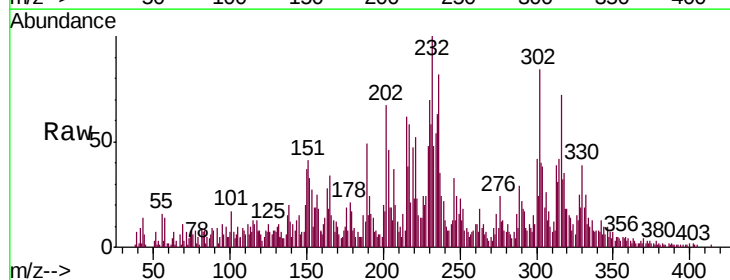
Tgt Ion:149 Resp: 802

Ion Ratio Lower Upper

149 100

91 42.9 49.5 74.3#

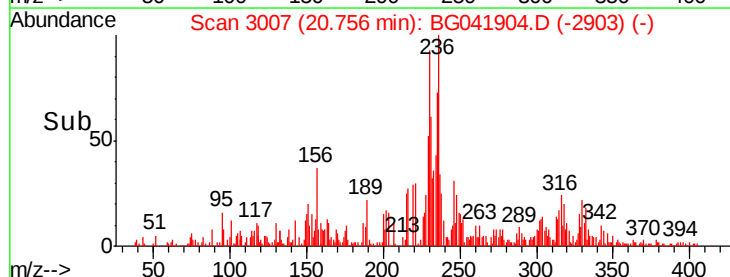
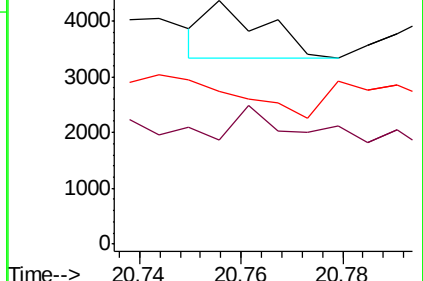
206 62.7 21.3 31.9#

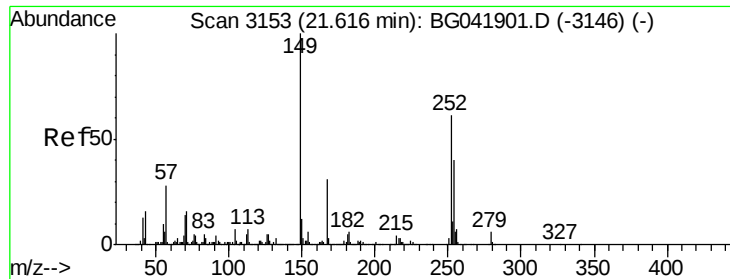


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E

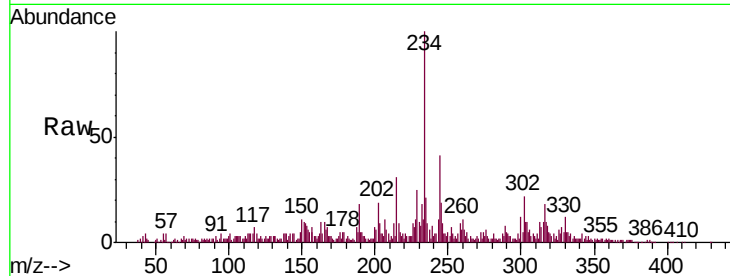




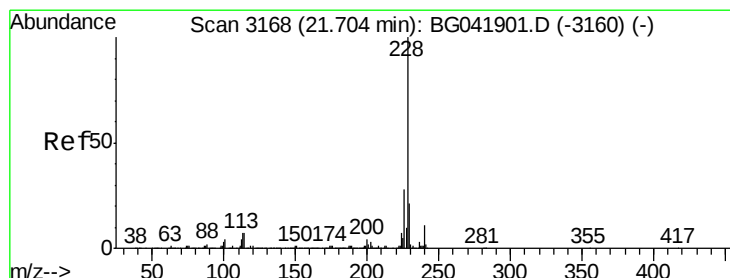
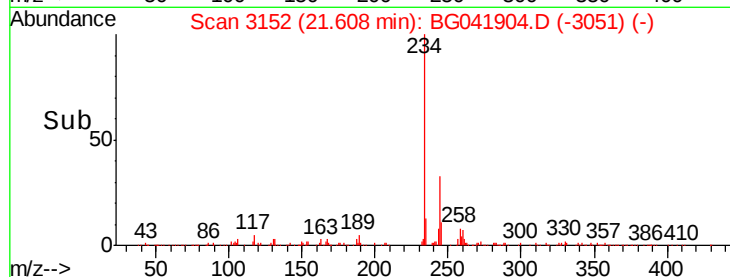
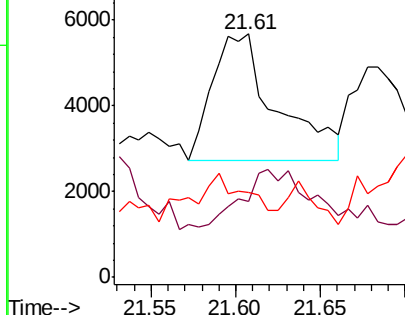
#81
 3,3'-Dichlorobenzidine
 Concen: 0.598 ng/ul
 RT: 21.61 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG041904.D
 Acq: 3 Aug 2019 11:26

Instrument :
 BNA_G
 ClientSampleId :
 BENQ3

Tgt Ion:252 Resp: 7819
 Ion Ratio Lower Upper
 252 100
 254 31.0 53.1 79.7#
 126 35.1 6.9 10.3#

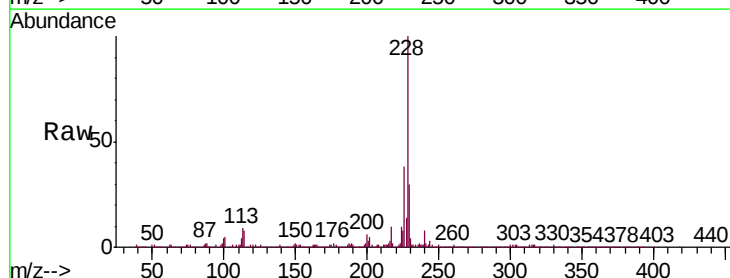


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

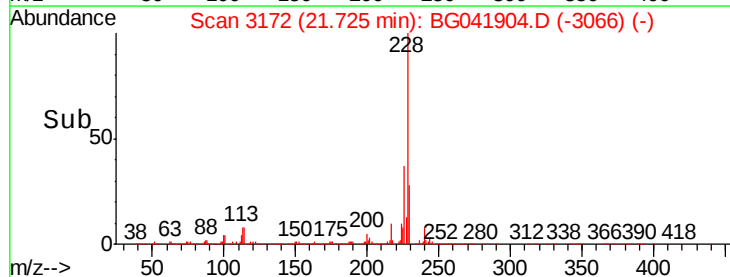
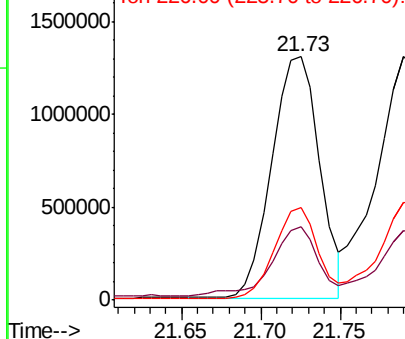


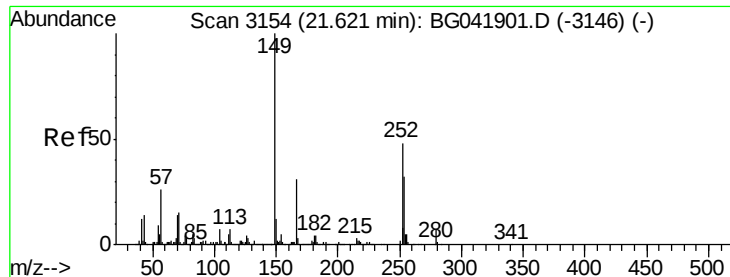
#82
 Benzo(a)anthracene
 Concen: 68.679 ng/ul
 RT: 21.73 min Scan# 3172
 Delta R.T. 0.02 min
 Lab File: BG041904.D
 Acq: 3 Aug 2019 11:26

Tgt Ion:228 Resp: 2741023
 Ion Ratio Lower Upper
 228 100
 229 30.0 17.0 25.6#
 226 37.8 23.3 34.9#



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

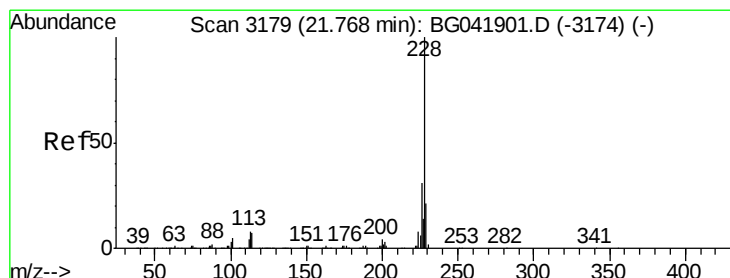
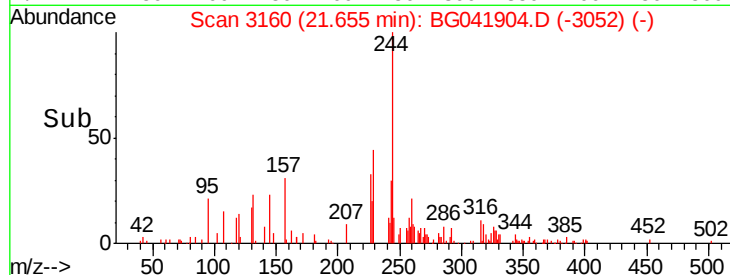
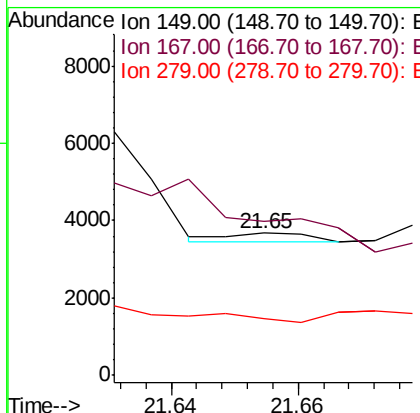
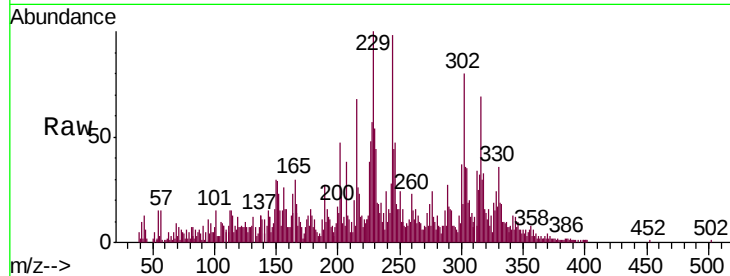




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.008 ng/ul
 RT: 21.65 min Scan# 3160
 Delta R.T. 0.03 min
 Lab File: BG041904.D
 Acq: 3 Aug 2019 11:26

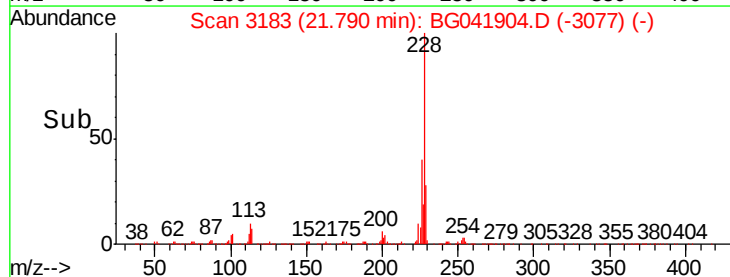
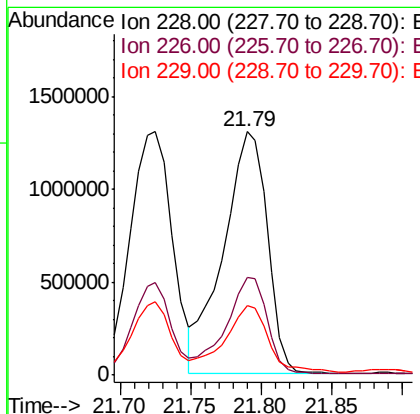
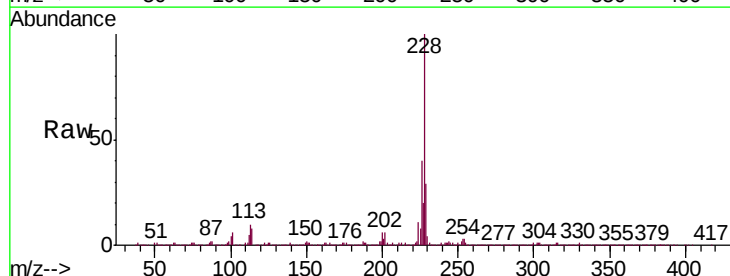
Instrument :
 BNA_G
 ClientSampleId :
 BENQ3

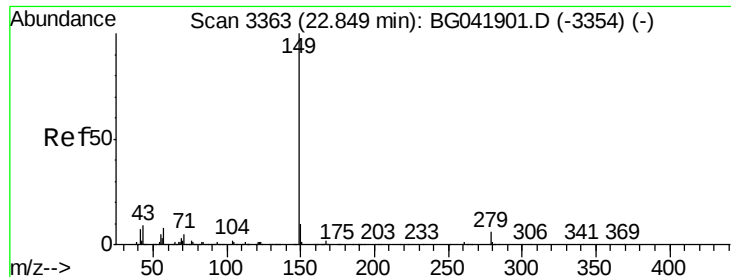
Tgt Ion:149 Resp: 176
 Ion Ratio Lower Upper
 149 100
 167 108.9 25.0 37.4#
 279 39.5 5.2 7.8#



#84
 Chrysene
 Concen: 76.306 ng/ul
 RT: 21.79 min Scan# 3183
 Delta R.T. 0.02 min
 Lab File: BG041904.D
 Acq: 3 Aug 2019 11:26

Tgt Ion:228 Resp: 2842440
 Ion Ratio Lower Upper
 228 100
 226 40.1 25.7 38.5#
 229 28.7 16.6 24.8#





#86

Di-n-octyl phthalate

Concen: 0.036 ng/u1

RT: 22.89 min Scan# 3370

Delta R.T. 0.04 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

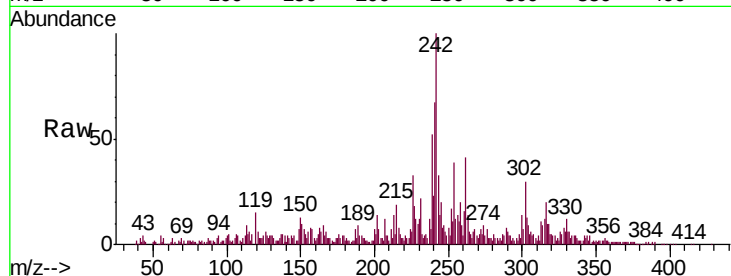
Instrument :

BNA_G

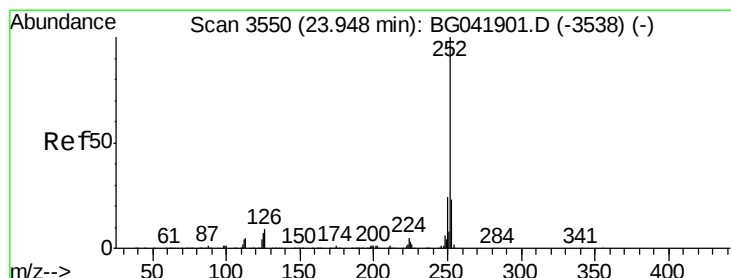
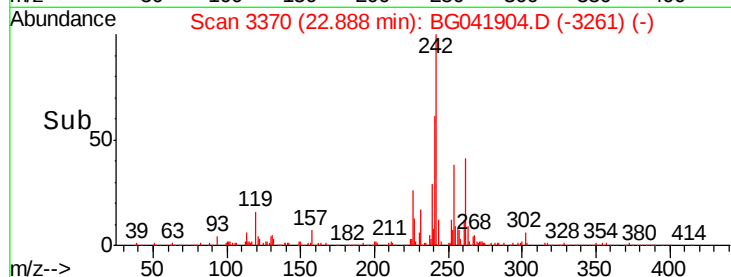
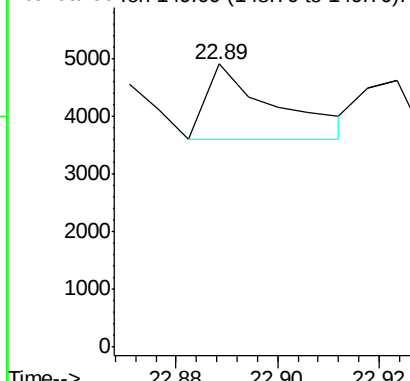
ClientSampleId :

BENQ3

Tgt Ion:149 Resp: 1215



Abundance Ion 149.00 (148.70 to 149.70): E



#87

Benzo(b)fluoranthene

Concen: 53.868 ng/u1

RT: 23.99 min Scan# 3558

Delta R.T. 0.04 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

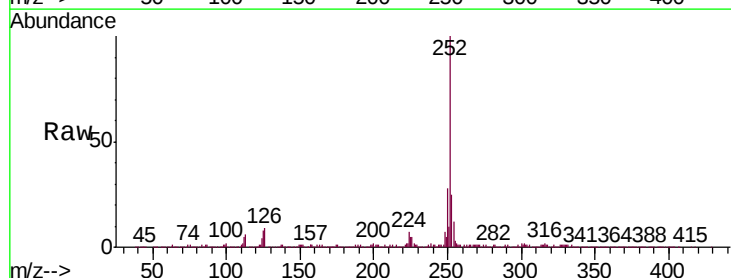
Tgt Ion:252 Resp: 2280767

Ion Ratio Lower Upper

252 100

253 25.3 18.4 27.6

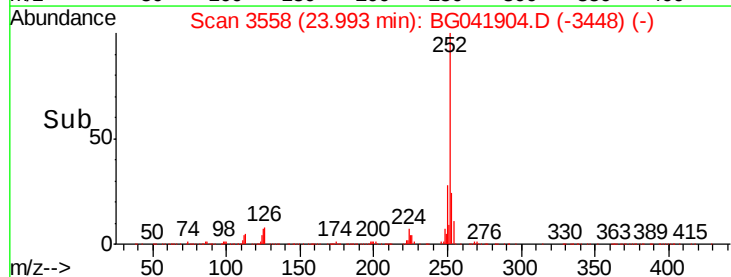
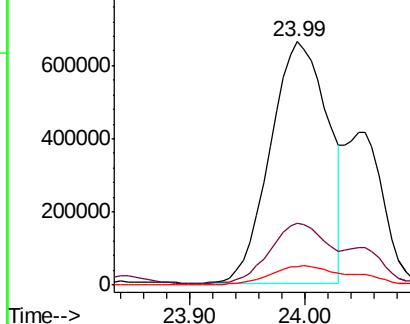
125 7.5 5.8 8.8

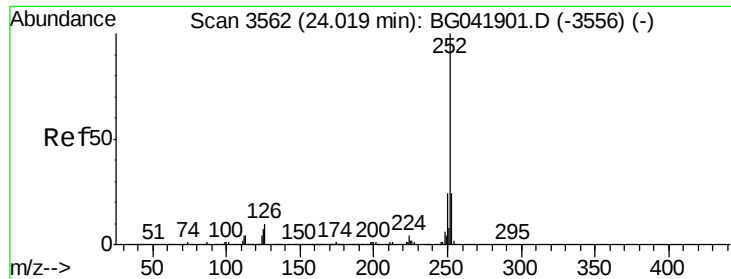


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 56.026 ng/u1

RT: 23.99 min Scan# 3558

Delta R.T. -0.03 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

Instrument :

BNA_G

ClientSampled :

BENQ3

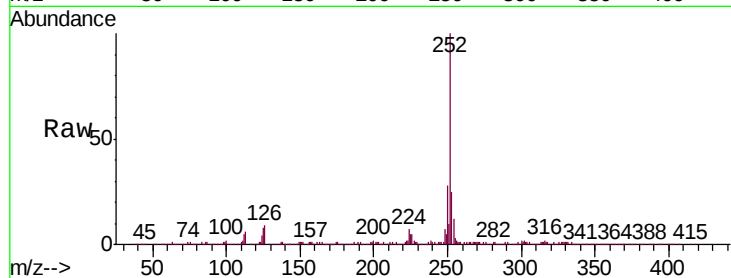
Tgt Ion:252 Resp: 2280767

Ion Ratio Lower Upper

252 100

253 25.3 18.3 27.5

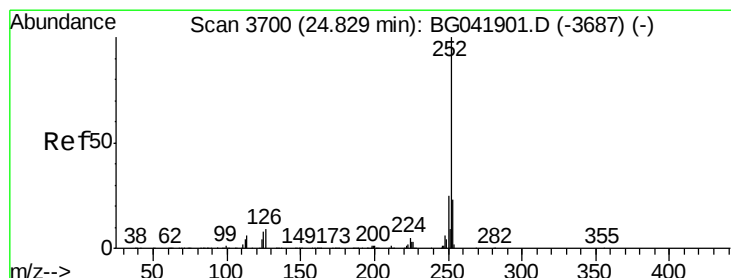
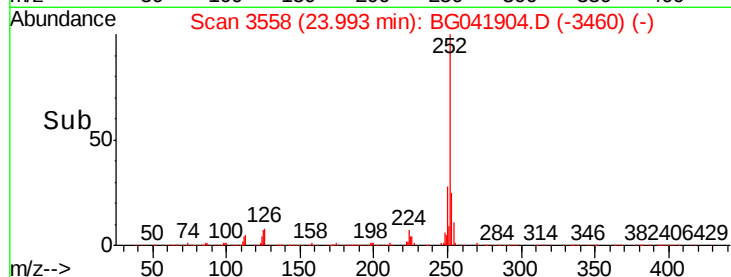
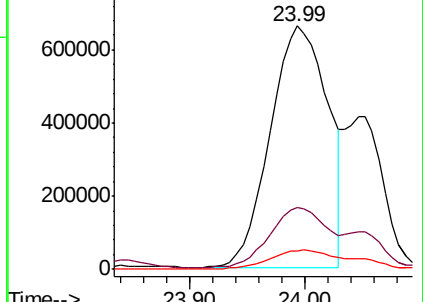
125 7.5 5.5 8.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 56.479 ng/u1

RT: 24.88 min Scan# 3709

Delta R.T. 0.05 min

Lab File: BG041904.D

Acq: 3 Aug 2019 11:26

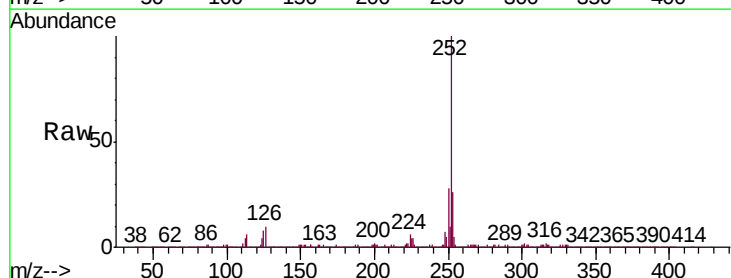
Tgt Ion:252 Resp: 2278742

Ion Ratio Lower Upper

252 100

253 26.3 18.3 27.5

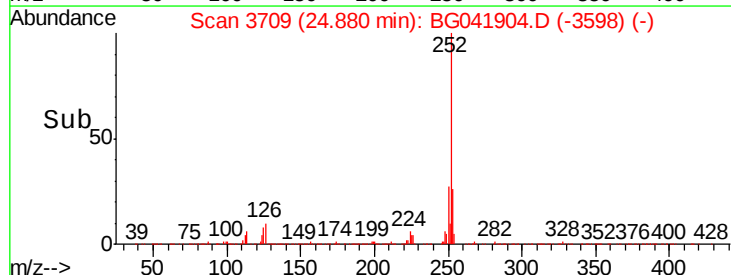
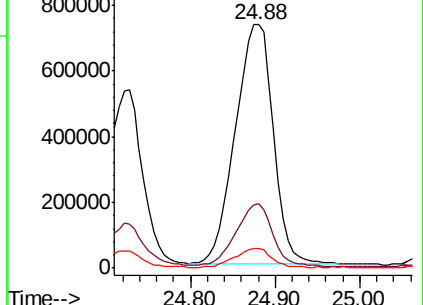
125 8.1 6.5 9.7

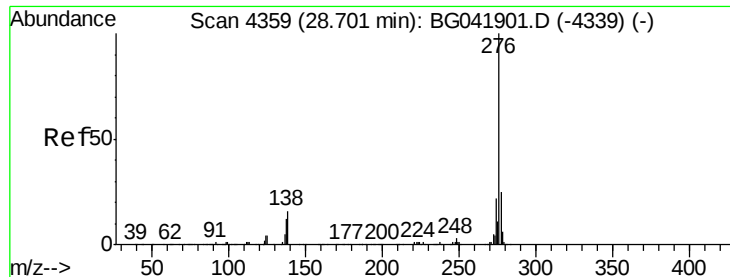


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



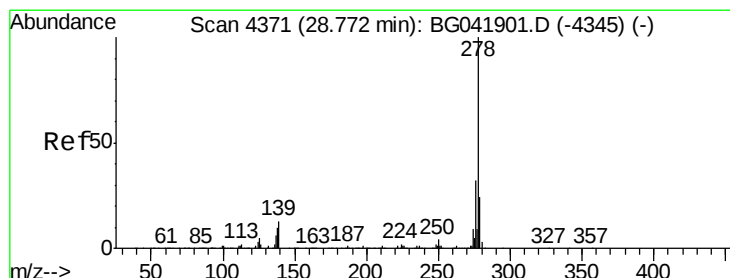
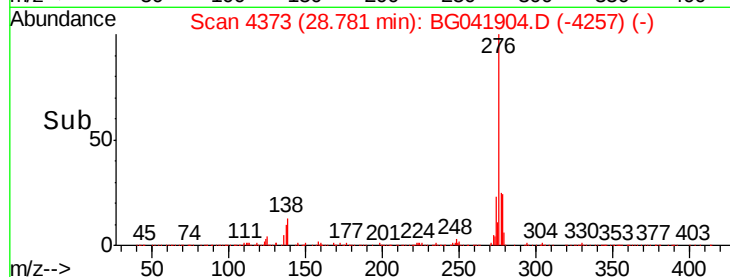
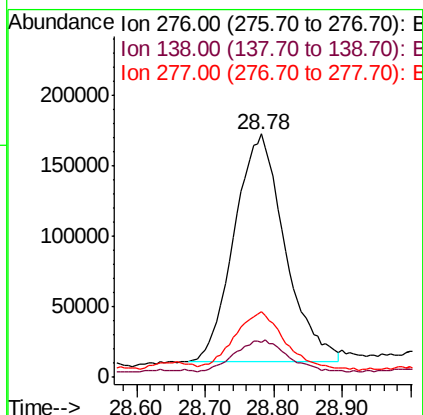
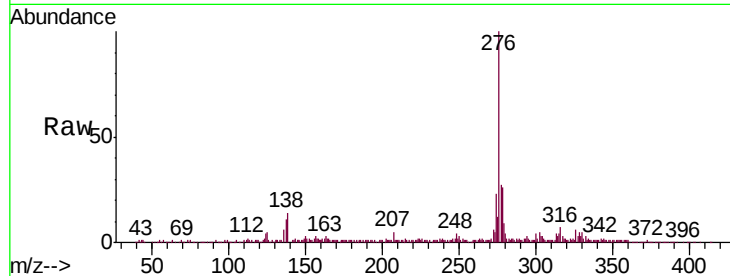


#91

Indeno(1,2,3-cd)pyrene
Concen: 17.628 ng/ul
RT: 28.78 min Scan# 4373
Delta R.T. 0.08 min
Lab File: BG041904.D
Acq: 3 Aug 2019 11:26

Instrument :
BNA_G
ClientSampleId :
BENQ3

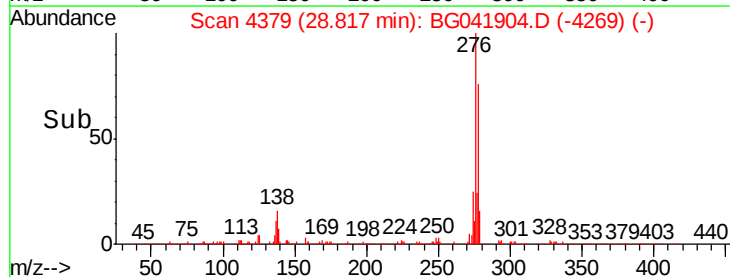
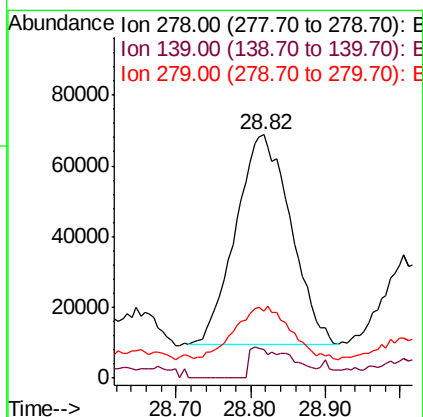
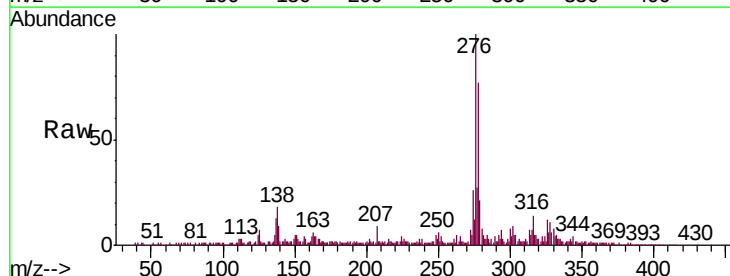
Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.4	12.0	18.0
277	26.8	19.2	28.8

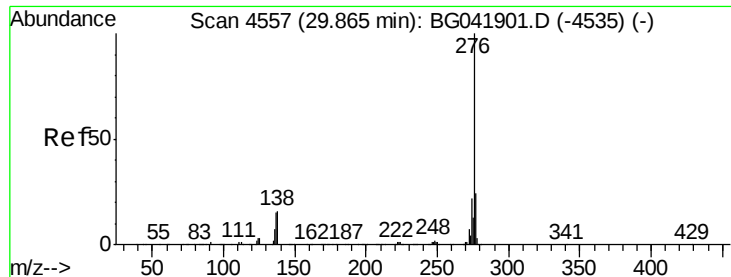


#92

Dibenzo(a,h)anthracene
Concen: 7.944 ng/ul
RT: 28.82 min Scan# 4379
Delta R.T. 0.04 min
Lab File: BG041904.D
Acq: 3 Aug 2019 11:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.6	9.4	14.0
279	27.5	19.2	28.8





#93

Benzo(g,h,i)perylene

Concen: 22.357 ng/ul

RT: 29.94 min Scan# 4571

Delta R.T. 0.08 min

Lab File: BG041904.D

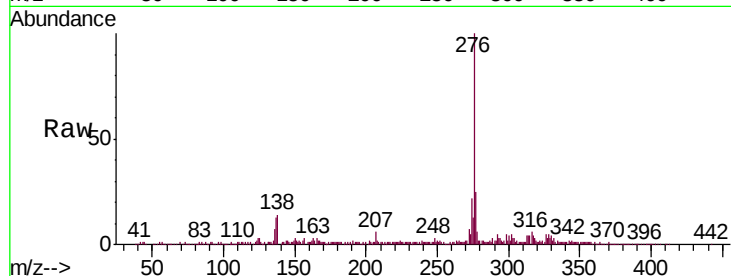
Acq: 3 Aug 2019 11:26

Instrument :

BNA_G

ClientSampleId :

BENQ3



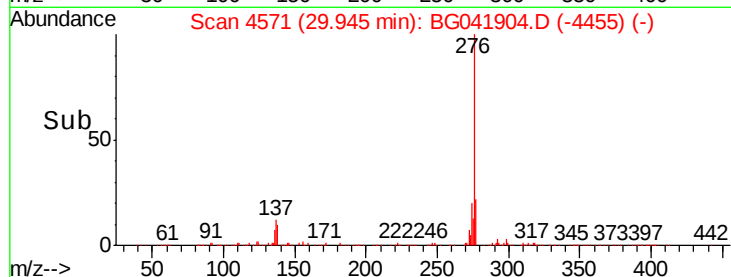
Tgt Ion:276 Resp: 878398

Ion Ratio Lower Upper

276 100

138 14.4 12.6 18.8

277 25.5 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

