

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030419\
 Data File : BG039724.D
 Acq On : 4 Mar 2019 10:20
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC025

Quant Time: Mar 04 11:50:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 11:45:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39315	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	186543	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	128355	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	315614	20.00	ng	0.00
76) Chrysene-d12	21.82	240	315453	20.00	ng	0.00
87) Perylene-d12	25.19	264	330408	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	116949	50.91	ng	0.00
7) Phenol-d6	7.30	99	179727	53.15	ng	0.00
23) Nitrobenzene-d5	9.33	82	173165	57.99	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	76104	55.06	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	460012	51.41	ng	0.00
79) Terphenyl-d14	20.12	244	753807	50.58	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	27179	27.049	ng	95
3) Pyridine	4.00	79	76447	28.736	ng	97
4) n-Nitrosodimethylamine	3.92	42	33938	25.508	ng	94
6) Aniline	7.48	93	114780	27.101	ng	98
8) 2-Chlorophenol	7.72	128	71838	28.610	ng	98
9) Benzaldehyde	7.30	77	61148	33.167	ng	91
10) Phenol	7.32	94	96071	27.256	ng	97
11) bis(2-Chloroethyl)ether	7.58	93	75424	27.081	ng	98
12) 1,3-Dichlorobenzene	8.05	146	78601	25.840	ng	98
13) 1,4-Dichlorobenzene	8.19	146	82823	27.318	ng	96
14) 1,2-Dichlorobenzene	8.52	146	80930	27.574	ng	96
15) Benzyl Alcohol	8.39	79	71881	27.078	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	149307	23.739	ng	98
17) 2-Methylphenol	8.59	107	61750	27.072	ng	98
18) Hexachloroethane	9.24	117	28765	27.577	ng	99
19) n-Nitroso-di-n-propylamine	8.96	70	65516	27.300	ng	95
20) 3+4-Methylphenols	8.91	107	86505	27.541	ng	97
22) Acetophenone	8.99	105	129014	25.747	ng	# 97
24) Nitrobenzene	9.38	77	91170	28.262	ng	98
25) Isophorone	9.89	82	189486	28.636	ng	98
26) 2-Nitrophenol	10.09	139	42764	36.191	ng	99
27) 2,4-Dimethylphenol	10.13	122	70391	26.297	ng	95
28) bis(2-Chloroethoxy)methane	10.37	93	112176	27.523	ng	98
29) 2,4-Dichlorophenol	10.62	162	78341	26.779	ng	99
30) 1,2,4-Trichlorobenzene	10.84	180	86539	26.348	ng	99
31) Naphthalene	11.03	128	251916	27.222	ng	97
32) Benzoic acid	10.24	122	37882	24.906	ng	90
33) 4-Chloroaniline	11.14	127	110408	25.731	ng	99
34) Hexachlorobutadiene	11.29	225	59393	27.191	ng	97
35) Caprolactam	11.90	113	30169	24.921	ng	92
36) 4-Chloro-3-methylphenol	12.24	107	90486	26.744	ng	95
37) 2-Methylnaphthalene	12.62	142	190168	27.745	ng	98
38) 1-Methylnaphthalene	12.84	142	186061	28.161	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	107753	26.385	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	59580	26.773	ng	99
43) 2,4,6-Trichlorophenol	13.22	196	66519	26.491	ng	98
44) 2,4,5-Trichlorophenol	13.29	196	74482	28.302	ng	96
46) 1,1'-Biphenyl	13.62	154	266857	24.988	ng	98
47) 2-Chloronaphthalene	13.67	162	202016	25.145	ng	98
48) 2-Nitroaniline	13.87	65	66444	32.586	ng	98
49) Acenaphthylene	14.51	152	335716	27.694	ng	100
50) Dimethylphthalate	14.23	163	276343	26.657	ng	100
51) 2,6-Dinitrotoluene	14.36	165	59161	33.767	ng	98
52) Acenaphthene	14.85	154	199595	25.365	ng	100
53) 3-Nitroaniline	14.70	138	59459	31.056	ng	99
54) 2,4-Dinitrophenol	14.89	184	29689	45.159	ng	99
55) Dibenzofuran	15.18	168	331921	26.308	ng	99
56) 4-Nitrophenol	14.98	139	51599	31.677	ng	95
57) 2,4-Dinitrotoluene	15.14	165	80842	36.611	ng	99
58) Fluorene	15.83	166	264479	28.121	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	72172	29.289	ng	99
60) Diethylphthalate	15.58	149	274937	25.651	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	140214	26.329	ng	97
62) 4-Nitroaniline	15.85	138	65469	32.224	ng	99
63) Azobenzene	16.11	77	249924	23.857	ng	99
65) 4,6-Dinitro-2-methylphenol	15.90	198	44759	38.588	ng	98
66) n-Nitrosodiphenylamine	16.03	169	232951	24.274	ng	95
67) 4-Bromophenyl-phenylether	16.71	248	87784	25.071	ng	93
68) Hexachlorobenzene	16.82	284	92403	26.304	ng	99
69) Atrazine	16.97	200	92376	26.340	ng	98
70) Pentachlorophenol	17.17	266	55893	22.892	ng	95
71) Phenanthrene	17.57	178	441528	27.029	ng	99
72) Anthracene	17.66	178	436672	27.139	ng	100
73) Carbazole	17.93	167	397138	24.732	ng	99
74) Di-n-butylphthalate	18.46	149	463245	24.728	ng	99
75) Fluoranthene	19.57	202	531261	28.020	ng	98
77) Benzidine	19.75	184	274048	26.498	ng	99
78) Pyrene	19.94	202	538003	27.396	ng	99
80) Butylbenzylphthalate	20.80	149	206601	24.940	ng	99
81) Benzo(a)anthracene	21.80	228	501223	26.890	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	190019	27.493	ng	98
83) Chrysene	21.87	228	491882	27.721	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	294043	24.880	ng	98
85) Di-n-octyl phthalate	22.92	149	485742	24.878	ng	100
86) Indeno(1,2,3-cd)pyrene	29.07	276	551512	28.969	ng	99
88) Benzo(b)fluoranthene	24.11	252	501407	27.827	ng	99
89) Benzo(k)fluoranthene	24.19	252	458012	25.318	ng	98
90) Benzo(a)pyrene	25.03	252	458628	26.428	ng	97
91) Dibenzo(a,h)anthracene	29.13	278	452238	27.827	ng	99
92) Benzo(g,h,i)perylene	30.29	276	452677	27.946	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.00 min

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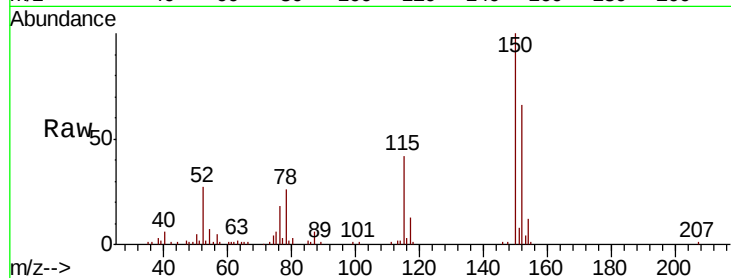
Tot Ion:152 Resp: 39315

Ion Ratio Lower Upper

152 100

150 152.0 118.2 177.4

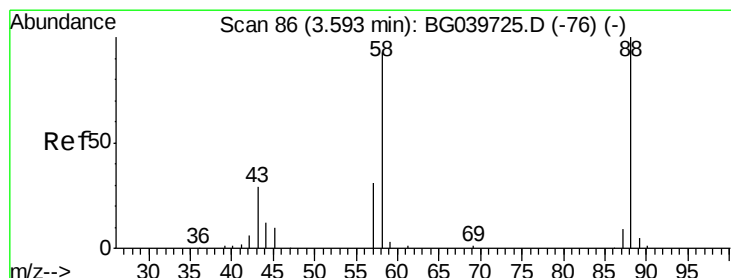
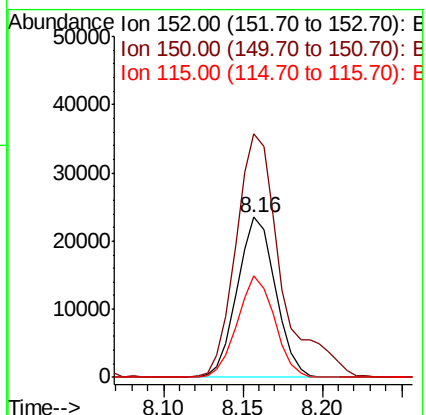
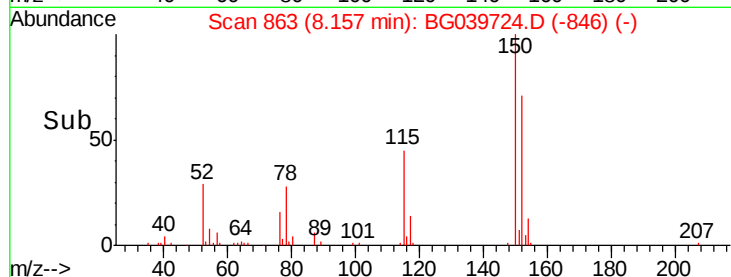
115 63.5 50.0 75.0



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: 27.049 ng

RT: 3.59 min Scan# 86

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

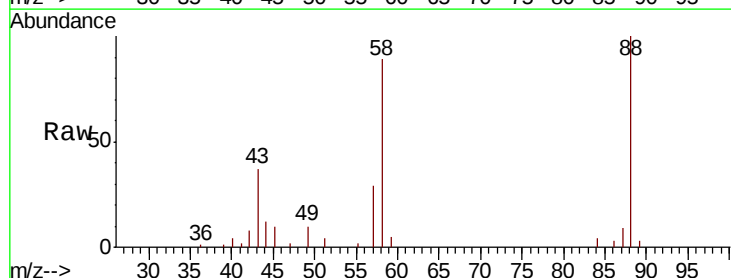
Tgt Ion: 88 Resp: 27179

Ion Ratio Lower Upper

88 100

58 92.2 78.1 117.1

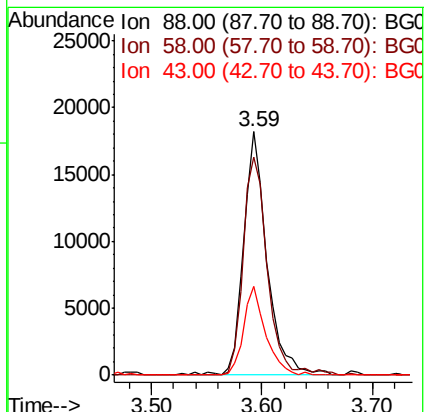
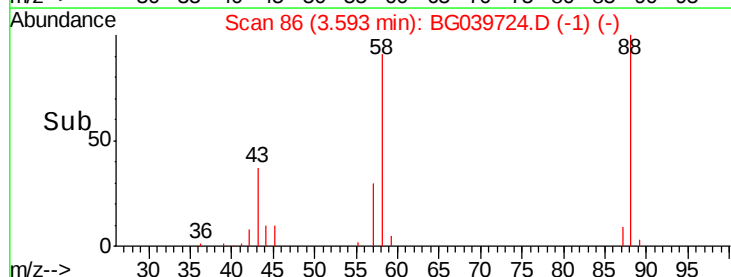
43 34.2 25.9 38.9



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.736 ng

RT: 4.00 min Scan# 155

Delta R.T. 0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Instrument :

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ClientSampleId :

SSTDICC025

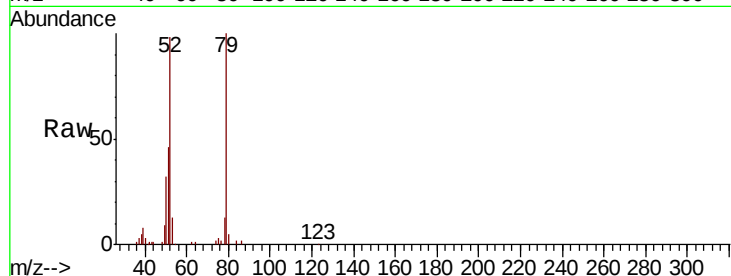
Tot Ion: 79 Resp: 76447

Ion Ratio Lower Upper

79 100

52 98.1 75.4 113.2

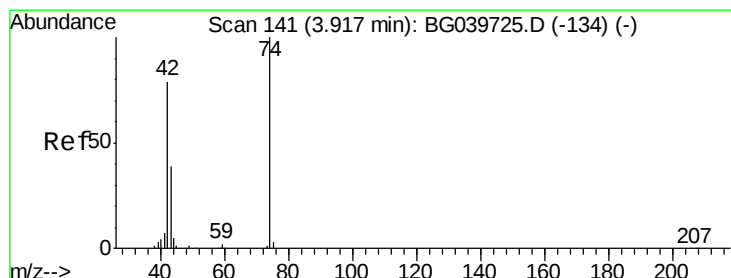
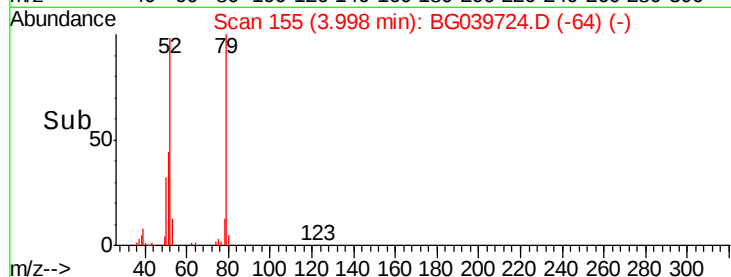
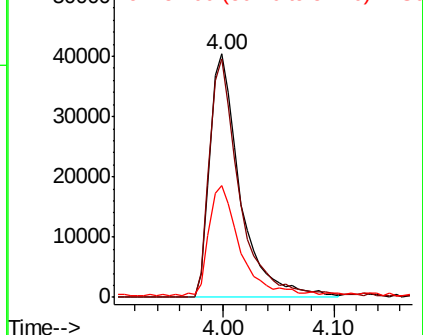
51 45.9 35.7 53.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 25.508 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

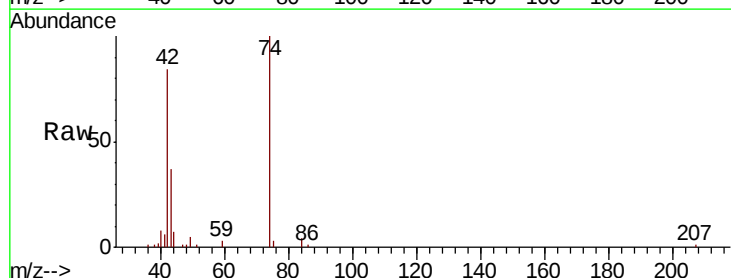
Tgt Ion: 42 Resp: 33938

Ion Ratio Lower Upper

42 100

74 118.9 101.0 151.6

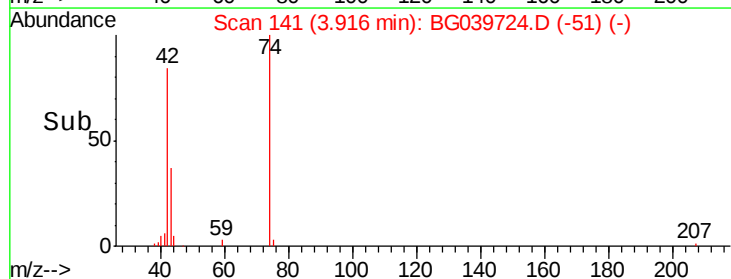
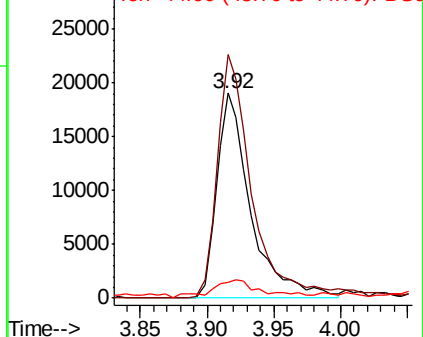
44 7.9 6.2 9.4



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 50.912 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

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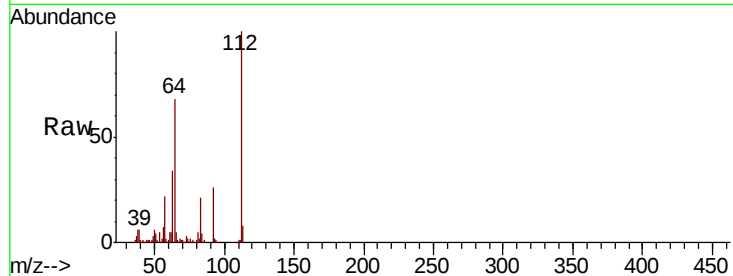
Tot Ion:112 Resp: 116949

Ion Ratio Lower Upper

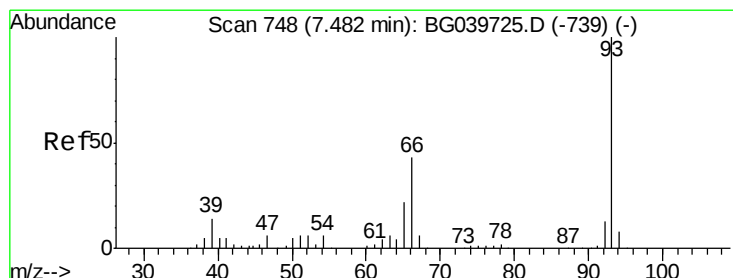
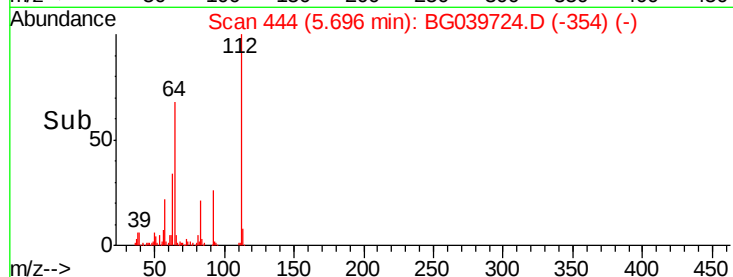
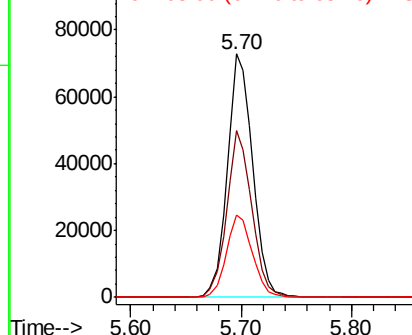
112 100

64 68.3 56.6 85.0

63 33.9 28.6 43.0



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



#6

Aniline

Concen: 27.101 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

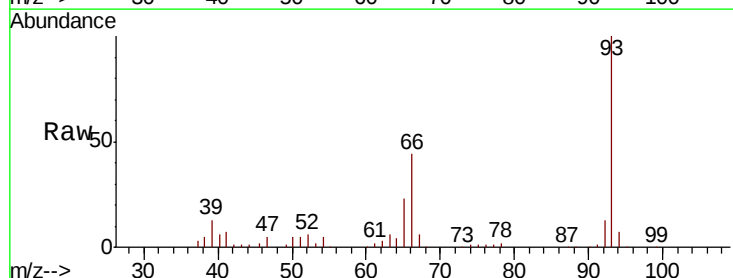
Tgt Ion: 93 Resp: 114780

Ion Ratio Lower Upper

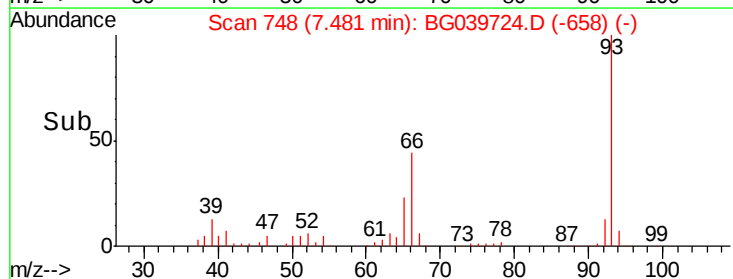
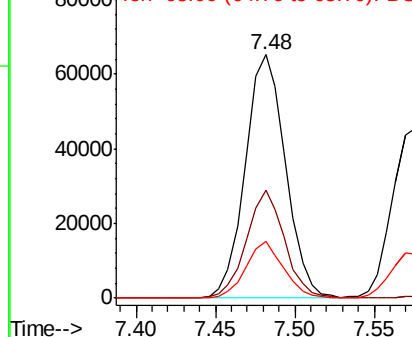
93 100

66 44.1 34.5 51.7

65 23.4 17.5 26.3



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





#7

Phenol-d6

Concen: 53.154 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Instrument :

BNA_G

ClientSampleId :

SSTDIC025

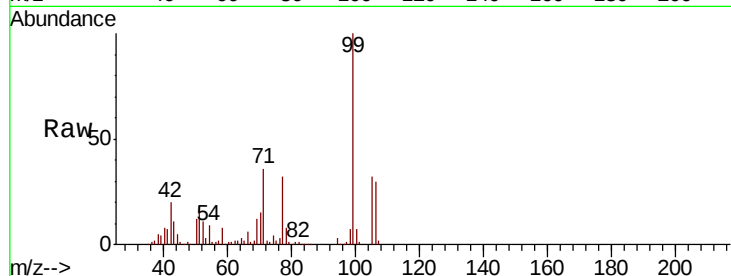
Tot Ion: 99 Resp: 179727

Ion Ratio Lower Upper

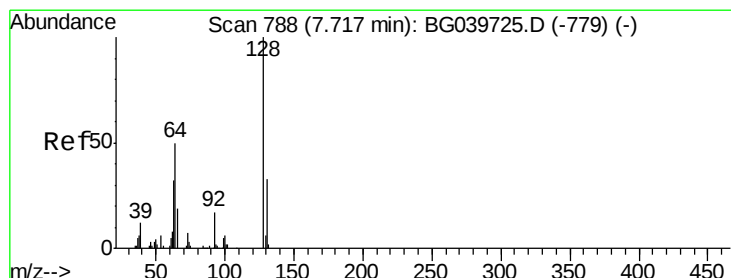
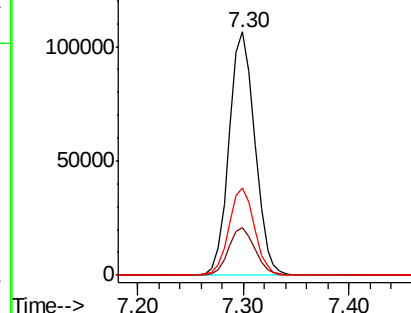
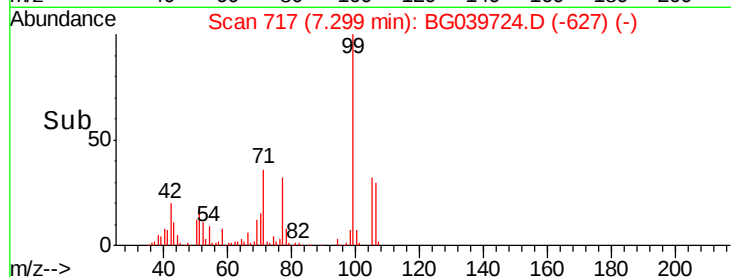
99 100

42 19.5 15.1 22.7

71 36.1 28.5 42.7



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: 28.610 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

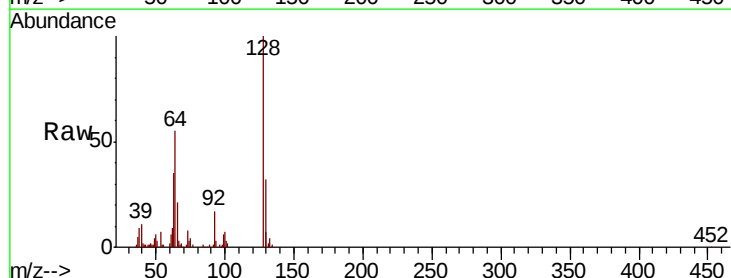
Tgt Ion:128 Resp: 71838

Ion Ratio Lower Upper

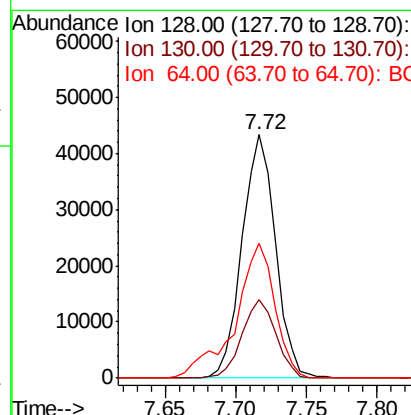
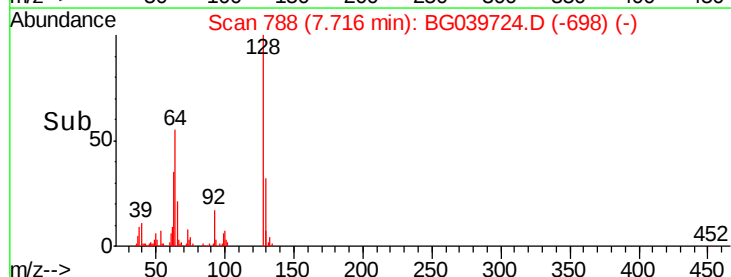
128 100

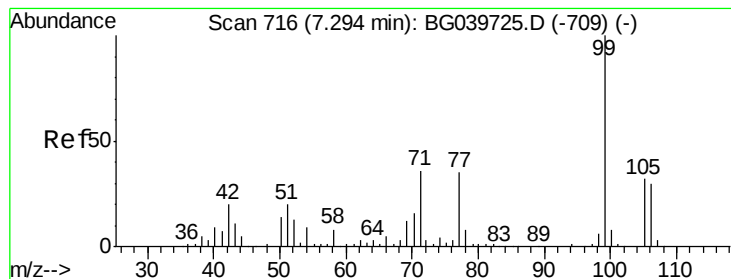
130 32.4 12.9 52.9

64 55.4 33.3 73.3



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





#9

Benzaldehyde

Concen: 33.167 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

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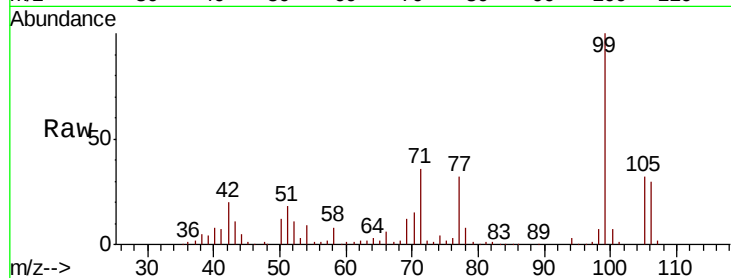
Tot Ion: 77 Resp: 61148

Ion Ratio Lower Upper

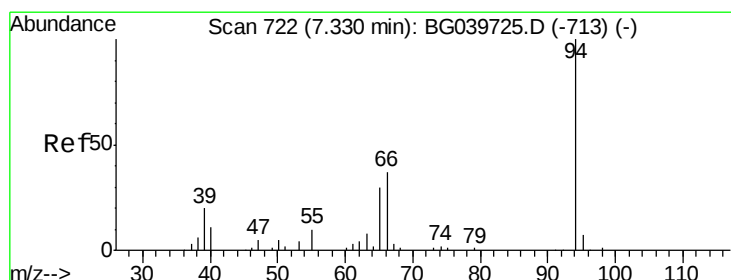
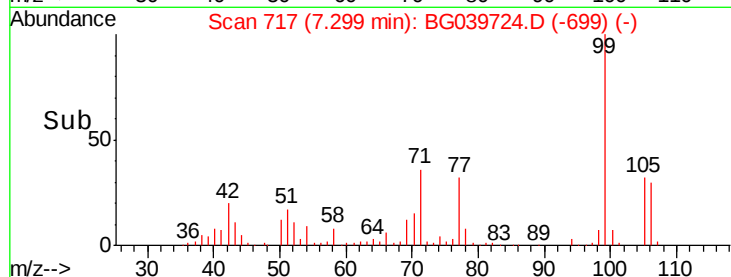
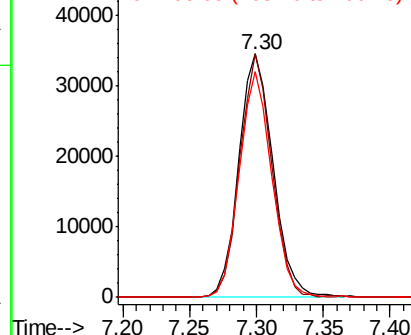
77 100

105 100.0 71.7 111.7

106 92.9 65.1 105.1



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: 27.256 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

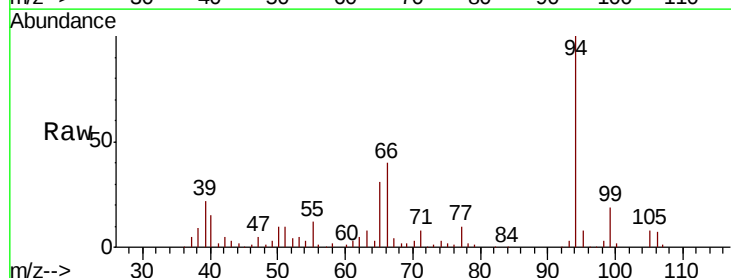
Tgt Ion: 94 Resp: 96071

Ion Ratio Lower Upper

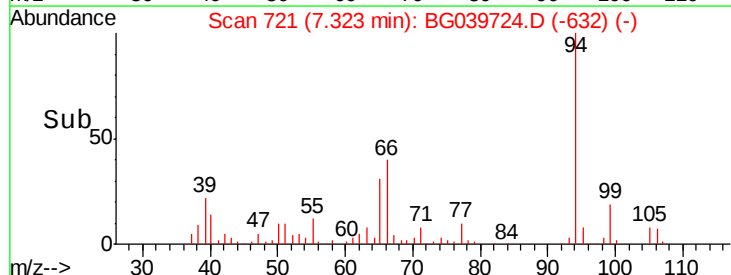
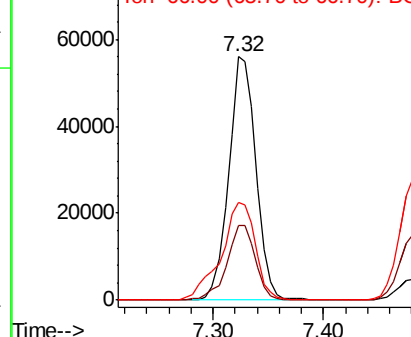
94 100

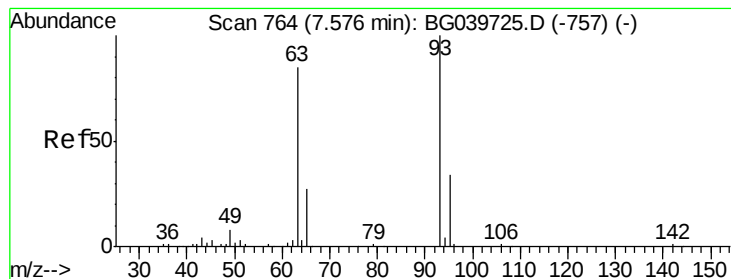
65 30.8 10.0 50.0

66 40.2 18.1 58.1



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

bis(2-Chloroethyl)ether

Concen: 27.081 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Instrument :

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ClientSampleId :

SSTDIC025

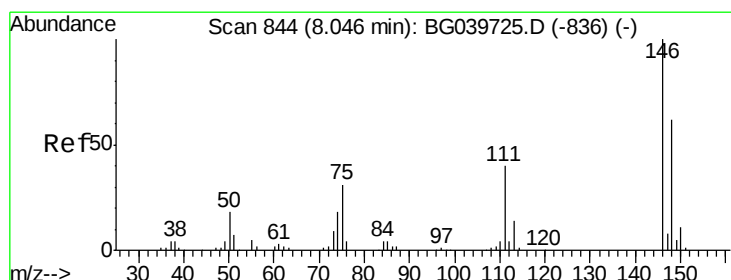
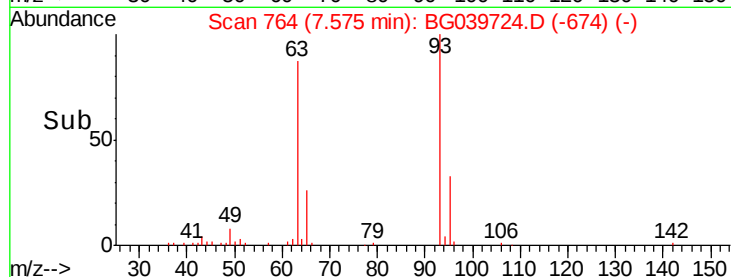
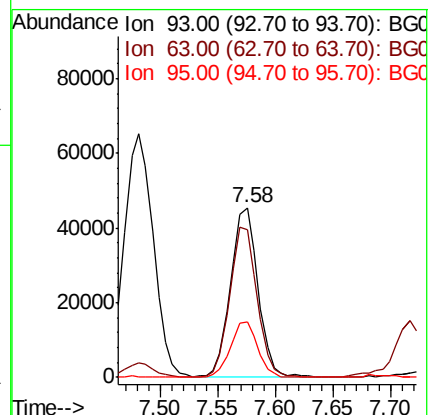
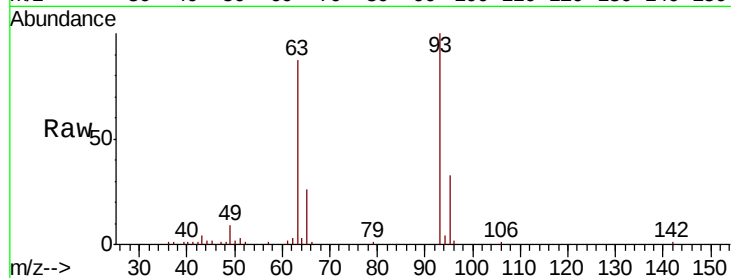
Tot Ion: 93 Resp: 75424

Ion Ratio Lower Upper

93 100

63 86.9 64.4 104.4

95 32.6 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 25.840 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

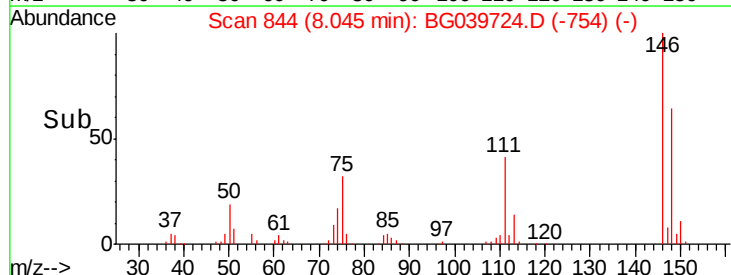
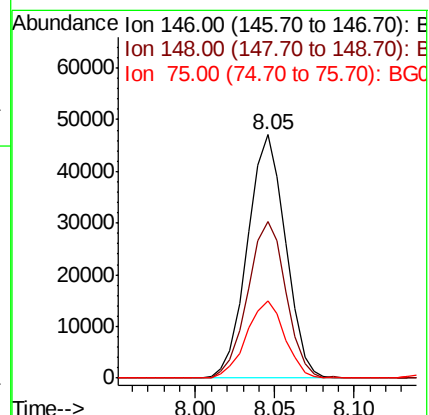
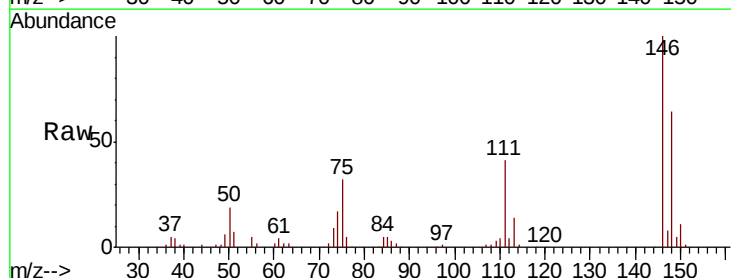
Tgt Ion: 146 Resp: 78601

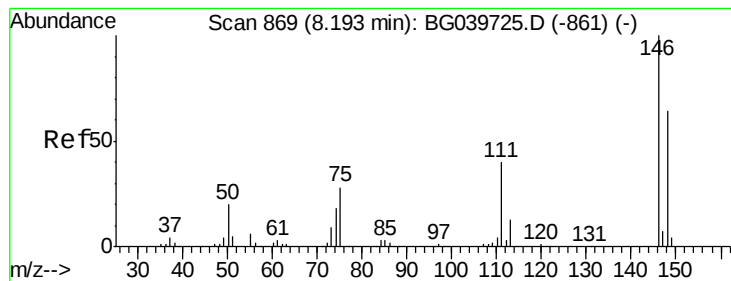
Ion Ratio Lower Upper

146 100

148 64.2 49.3 73.9

75 31.8 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 27.318 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Instrument :

BNA_G

ClientSampleId :

SSTDIC025

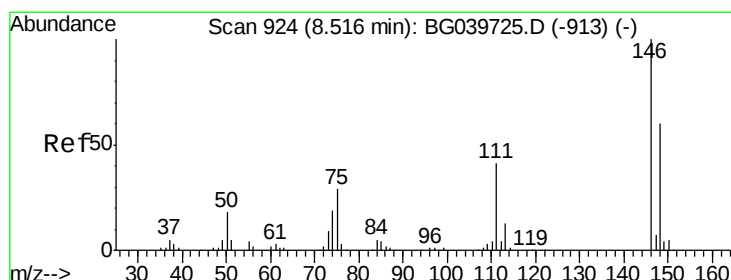
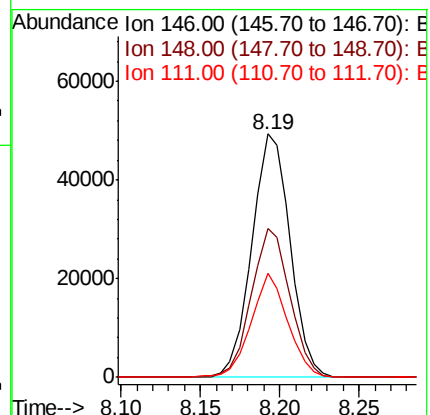
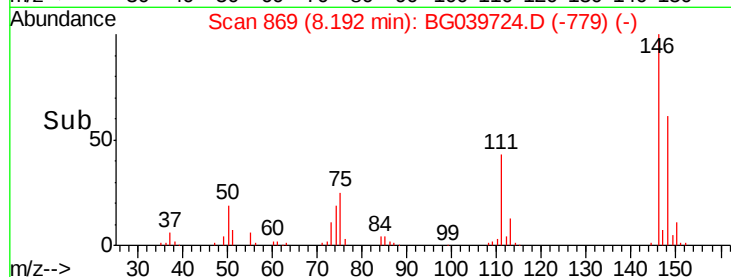
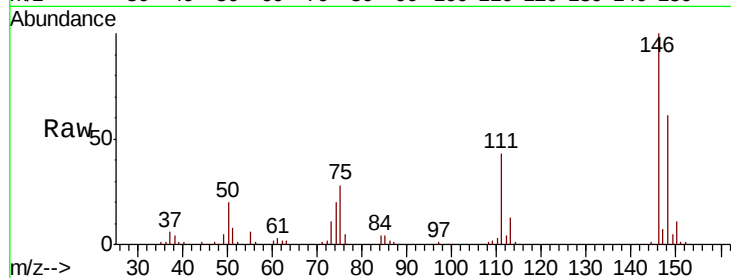
Tot Ion:146 Resp: 82823

Ion Ratio Lower Upper

146 100

148 61.2 51.5 77.3

111 42.9 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 27.574 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

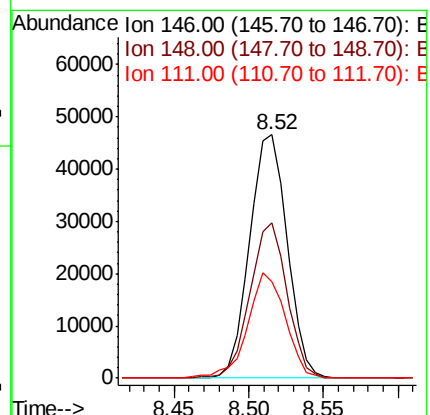
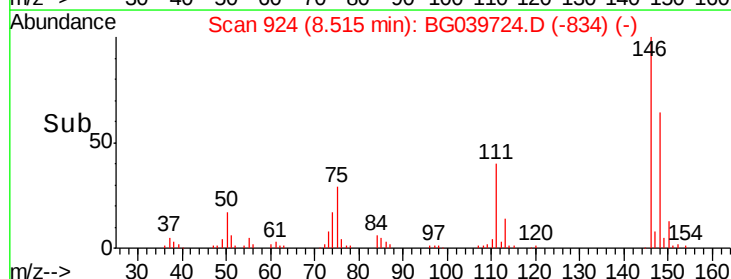
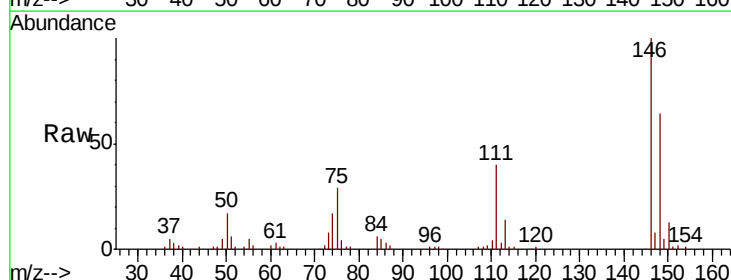
Tgt Ion:146 Resp: 80930

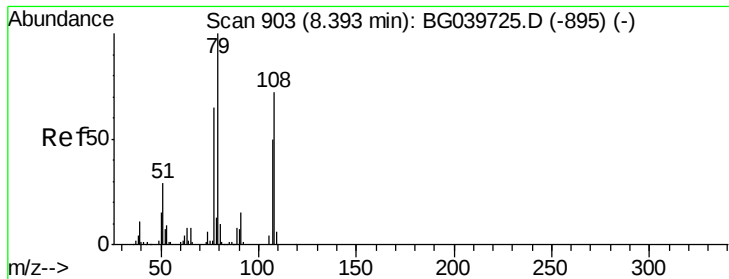
Ion Ratio Lower Upper

146 100

148 63.7 48.3 72.5

111 39.6 33.1 49.7





#15

Benzyl Alcohol

Concen: 27.078 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Instrument :

BNA_G

ClientSampleId :

SSTDIC025

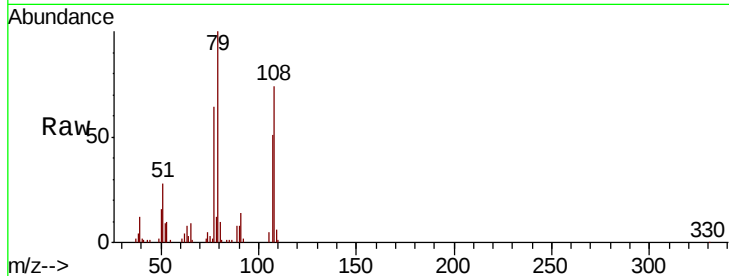
Tot Ion: 79 Resp: 71881

Ion Ratio Lower Upper

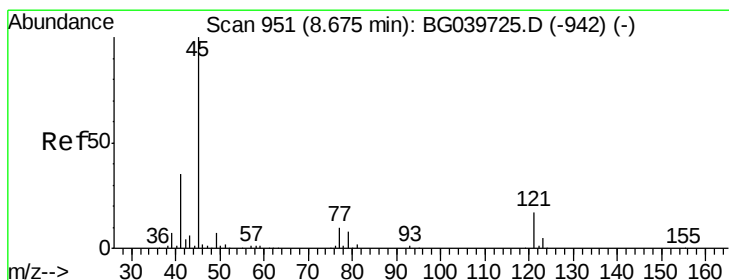
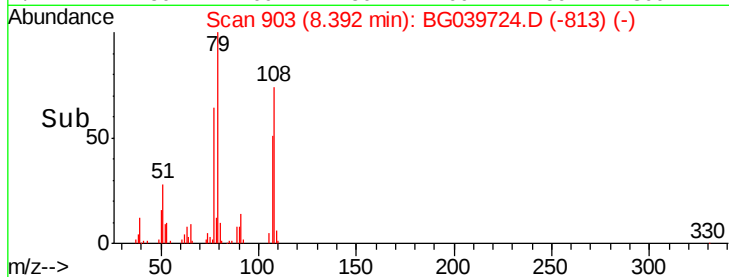
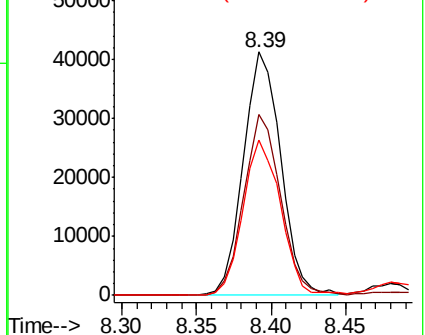
79 100

108 74.5 57.4 86.2

77 64.0 51.9 77.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.739 ng

RT: 8.67 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

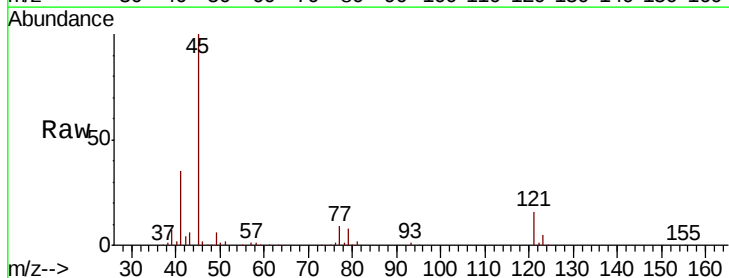
Tgt Ion: 45 Resp: 149307

Ion Ratio Lower Upper

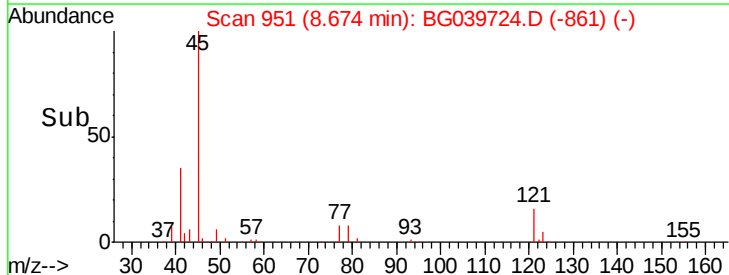
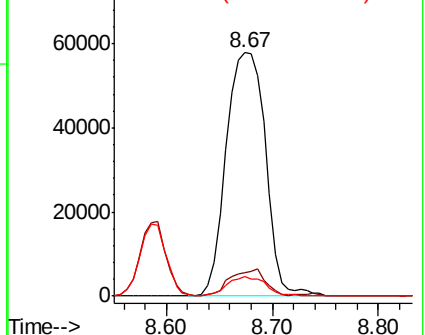
45 100

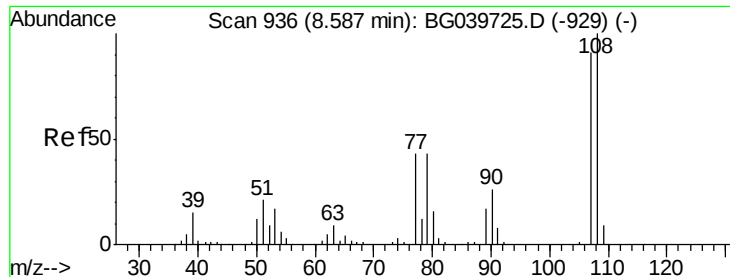
77 9.4 0.0 30.6

79 8.1 0.0 28.1



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 27.072 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Instrument :

BNA_G

ClientSampleId :

SSTDIC025

Tot Ion:107 Resp: 61750

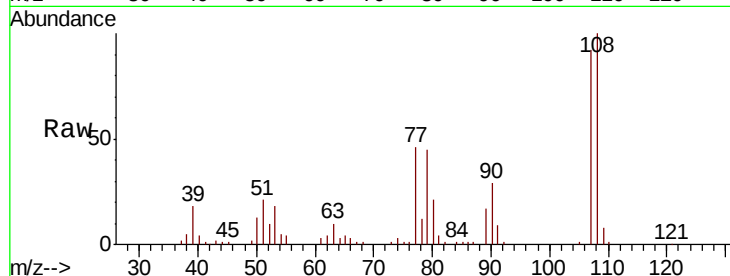
Ion Ratio Lower Upper

107 100

108 108.7 88.5 132.7

77 49.7 37.8 56.8

79 48.6 38.2 57.2

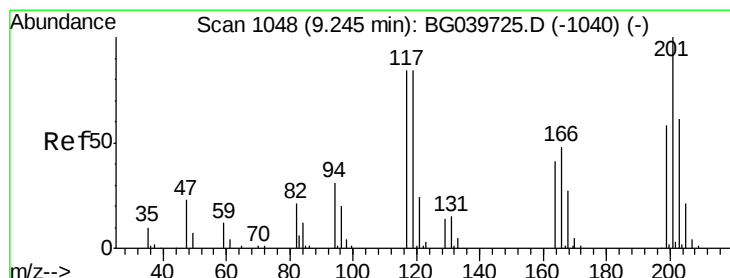
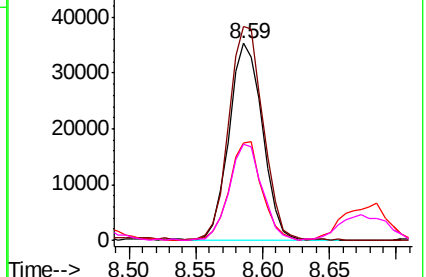
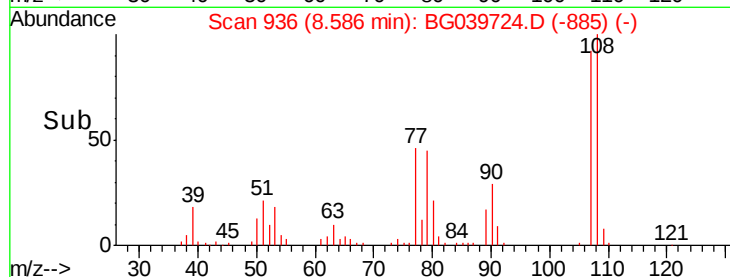


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 27.577 ng

RT: 9.24 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

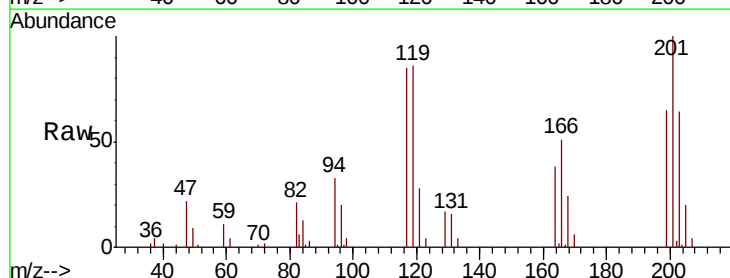
Tgt Ion:117 Resp: 28765

Ion Ratio Lower Upper

117 100

119 101.0 80.2 120.4

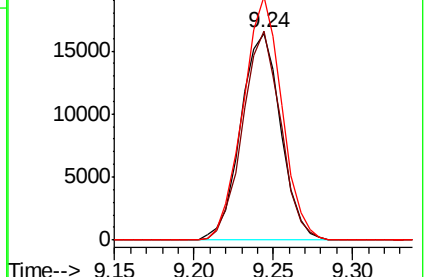
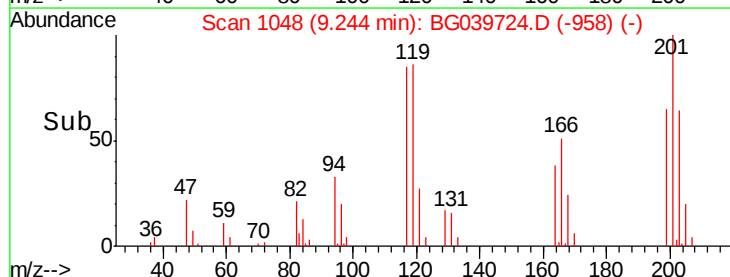
201 117.6 95.1 142.7

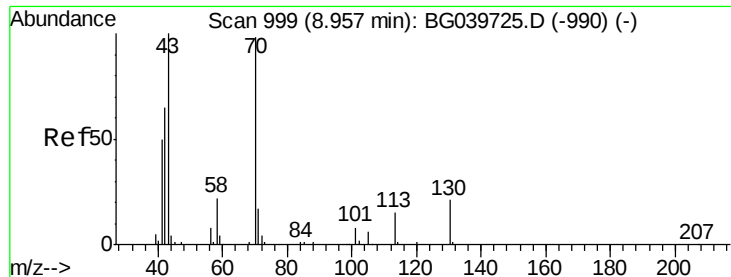


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

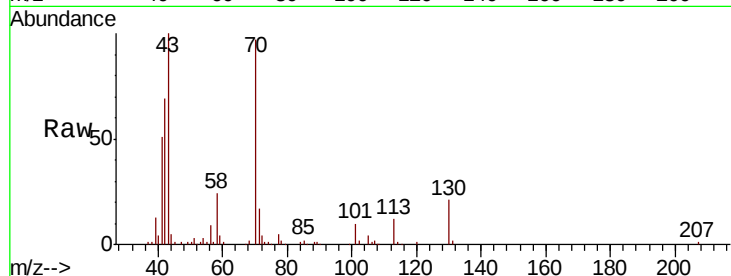




#19
n-Nitroso-di-n-propylamine
Concen: 27.300 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Instrument :
BNA_G
ClientSampleId :
SSTDIC025

Tot Ion:	70	Resp:	65516
Ion	Ratio	Lower	Upper
70	100		
42	71.7	53.4	80.2
101	10.2	6.9	10.3
130	21.7	17.4	26.0



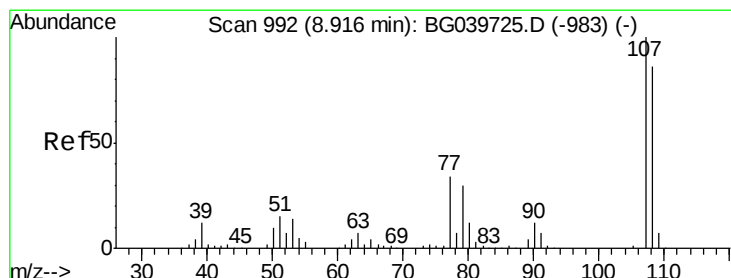
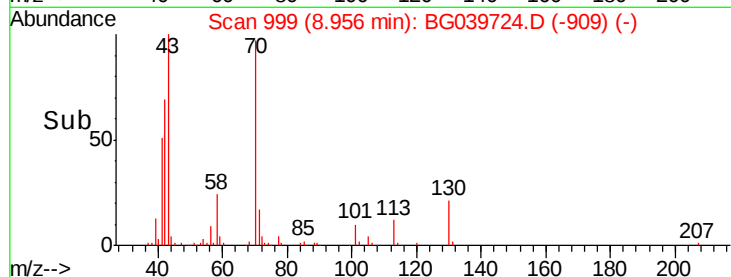
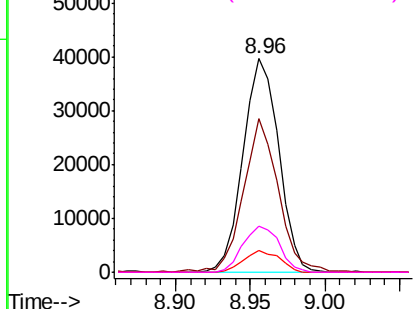
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

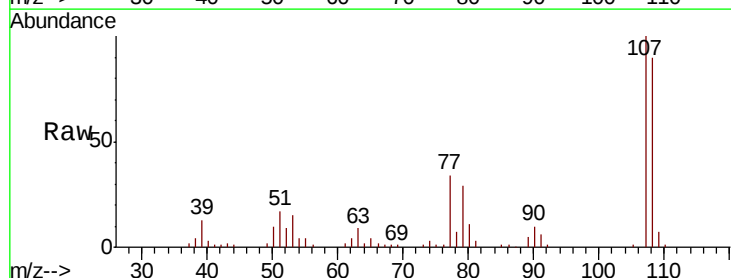
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 27.541 ng
RT: 8.91 min Scan# 992
Delta R.T. -0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Tgt Ion:	107	Resp:	86505
Ion	Ratio	Lower	Upper
107	100		
108	90.2	66.3	106.3
77	34.2	13.8	53.8
79	28.7	10.0	50.0



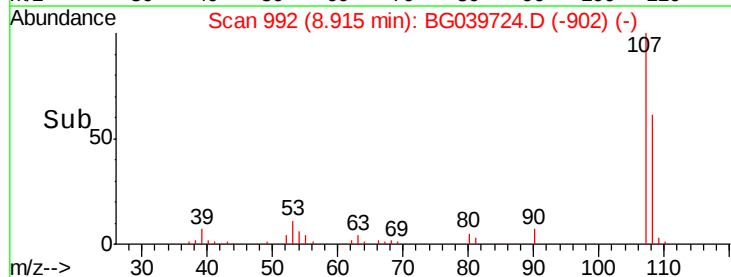
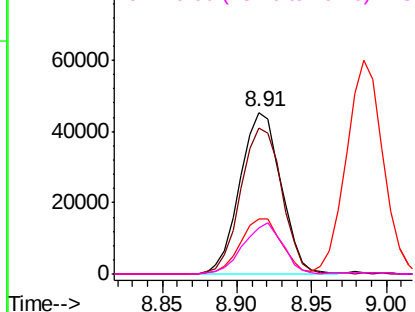
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

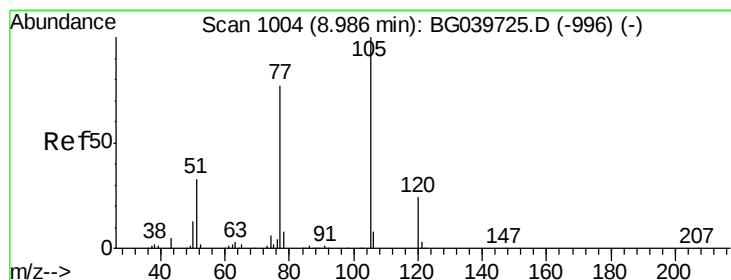
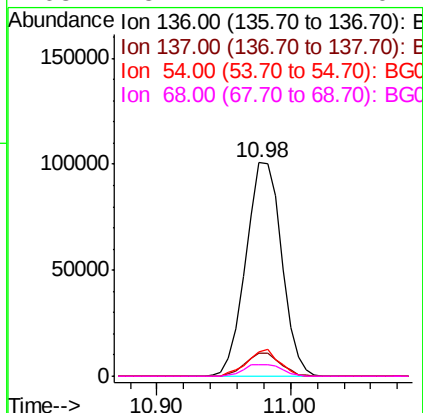
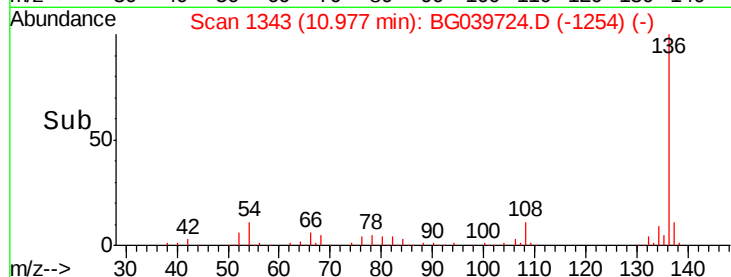
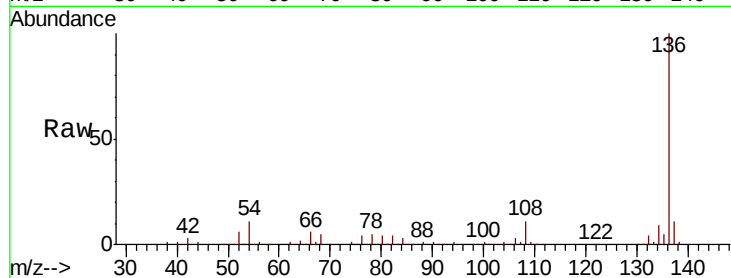




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

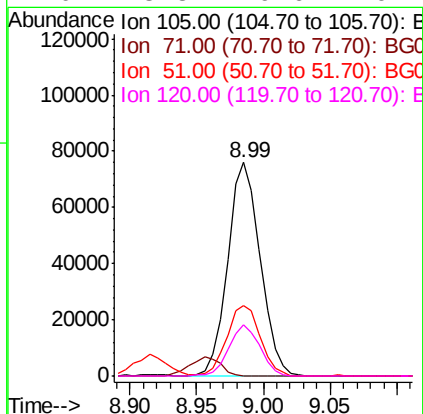
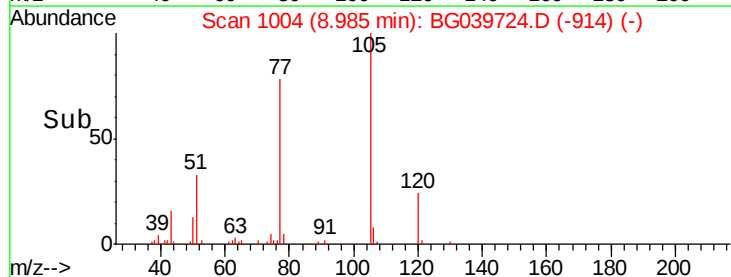
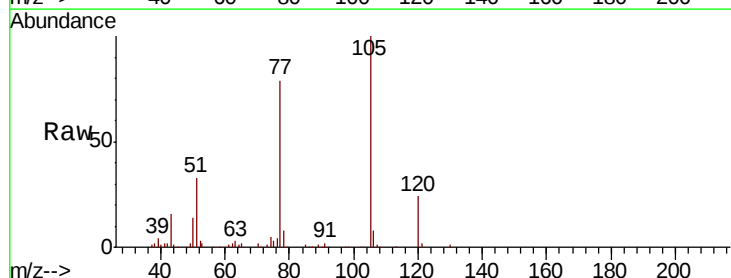
Instrument :
BNA_G
ClientSampleId :
SSTDIC025

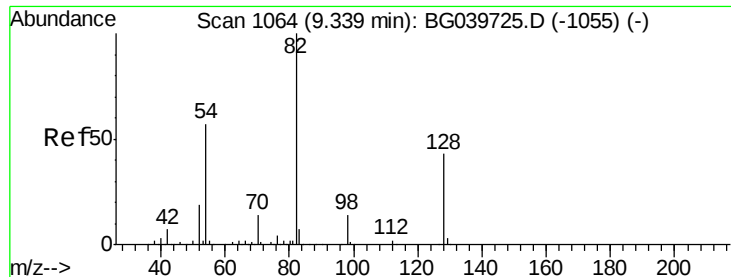
Tot Ion:136 Resp: 186543
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 11.2 8.2 12.4
68 5.4 4.2 6.4



#22
Acetophenone
Concen: 25.747 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Tgt Ion:105 Resp: 129014
Ion Ratio Lower Upper
105 100
71 0.3 0.5 0.7#
51 32.9 28.4 42.6
120 23.8 19.6 29.4

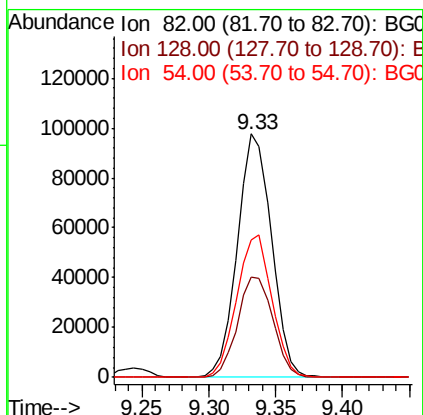
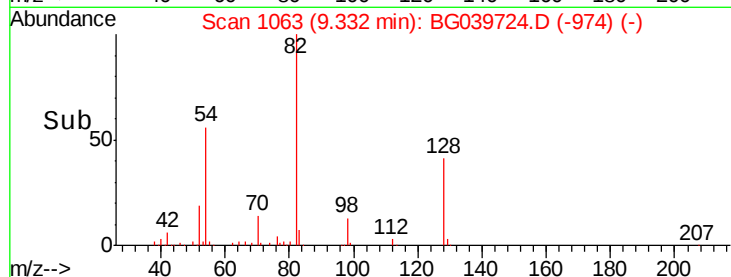
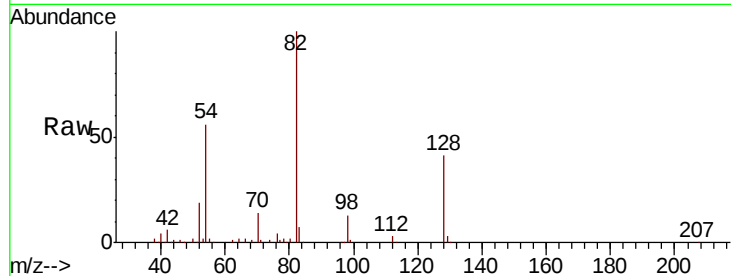




#23
Nitrobenzene-d5
Concen: 57.991 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

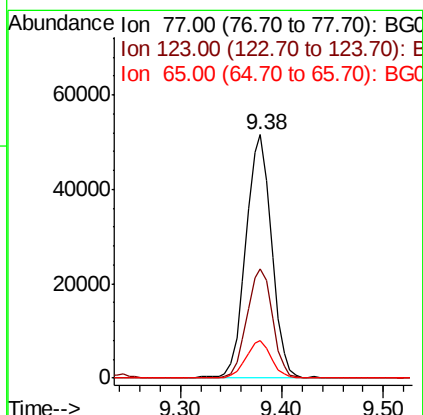
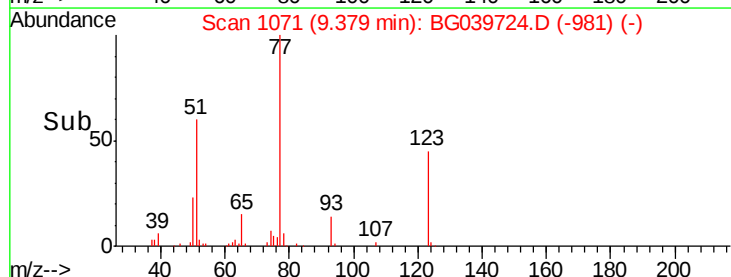
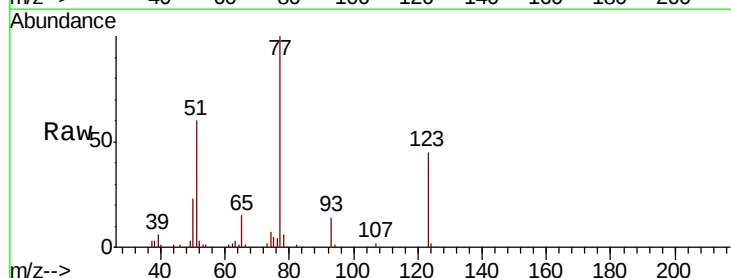
Instrument :
BNA_G
ClientSampleId :
SSTDIC025

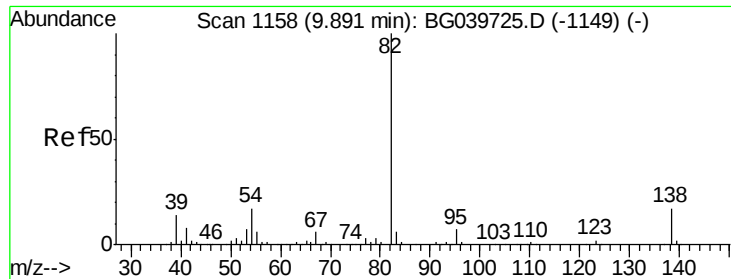
Tot Ion: 82 Resp: 173165
Ion Ratio Lower Upper
82 100
128 41.4 34.4 51.6
54 56.5 45.7 68.5



#24
Nitrobenzene
Concen: 28.262 ng
RT: 9.38 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Tgt Ion: 77 Resp: 91170
Ion Ratio Lower Upper
77 100
123 44.6 36.2 54.2
65 15.2 10.9 16.3





#25

Isophorone

Concen: 28.636 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Instrument :

BNA_G

ClientSampleId :

SSTDIC025

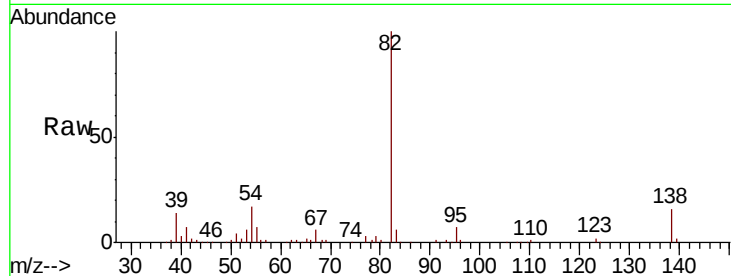
Tot Ion: 82 Resp: 189486

Ion Ratio Lower Upper

82 100

95 7.4 5.5 8.3

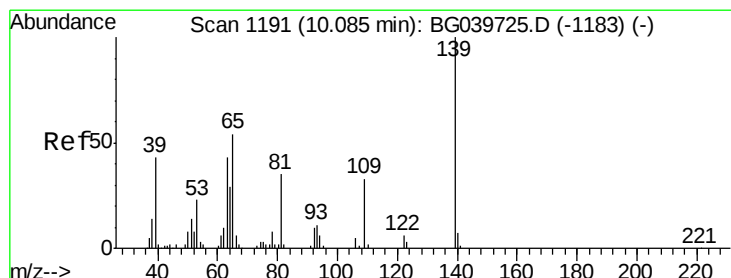
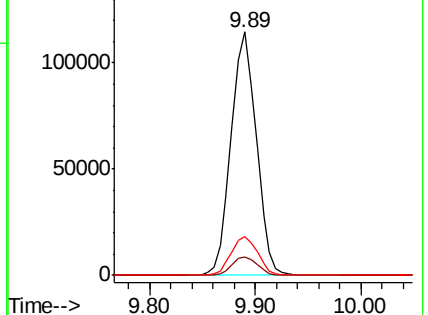
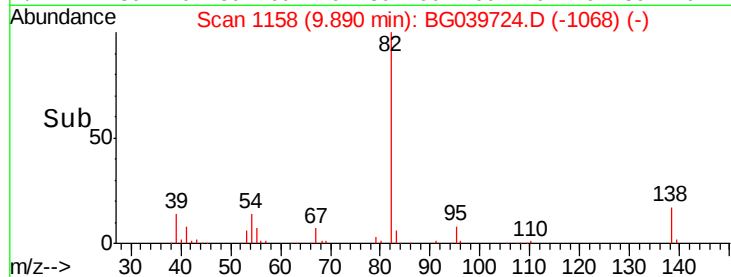
138 16.2 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BG039724.D (-1149) (-)

Ion 95.00 (94.70 to 95.70): BG039724.D (-1149) (-)

Ion 138.00 (137.70 to 138.70): BG039724.D (-1149) (-)



#26

2-Nitrophenol

Concen: 36.191 ng

RT: 10.09 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

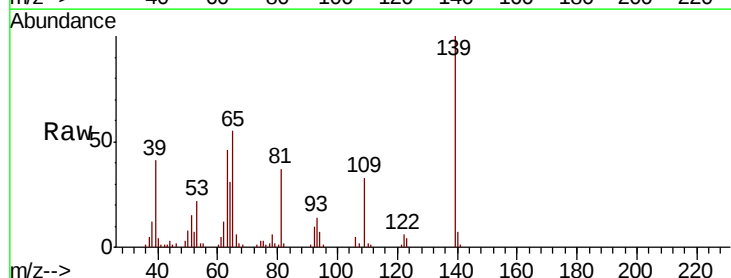
Tgt Ion: 139 Resp: 42764

Ion Ratio Lower Upper

139 100

109 32.7 26.3 39.5

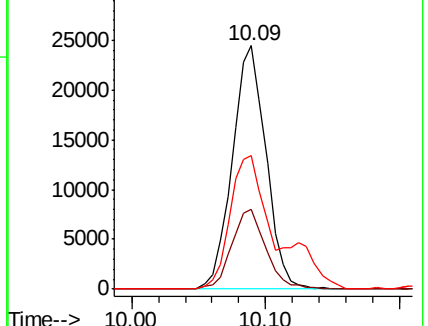
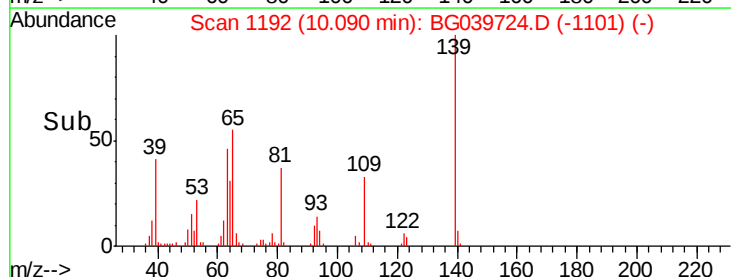
65 55.1 43.0 64.6



Abundance Ion 139.00 (138.70 to 139.70): BG039724.D (-1183) (-)

Ion 109.00 (108.70 to 109.70): BG039724.D (-1183) (-)

Ion 65.00 (64.70 to 65.70): BG039724.D (-1183) (-)

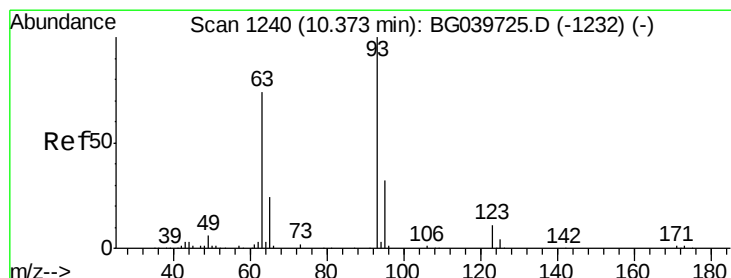
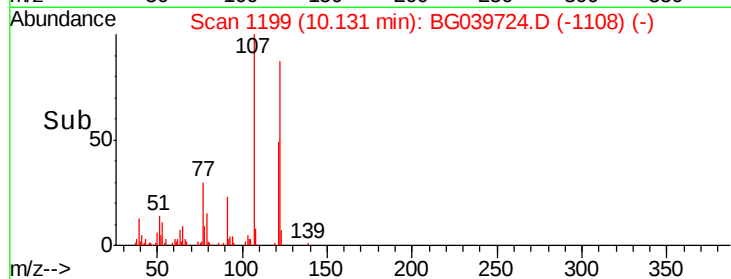
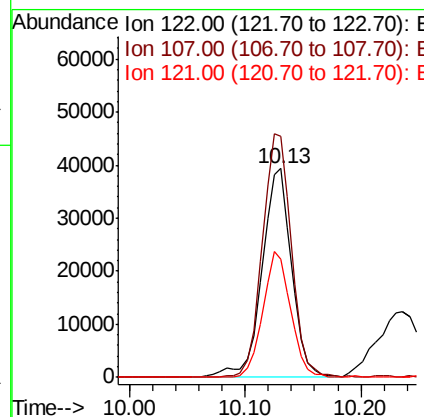
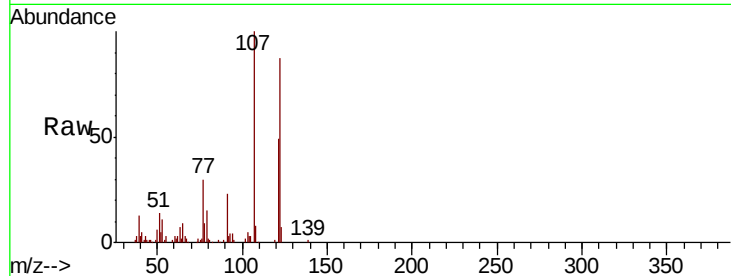




#27
2,4-Dimethylphenol
Concen: 26.297 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

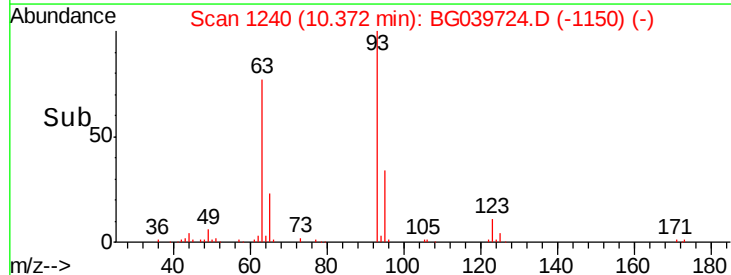
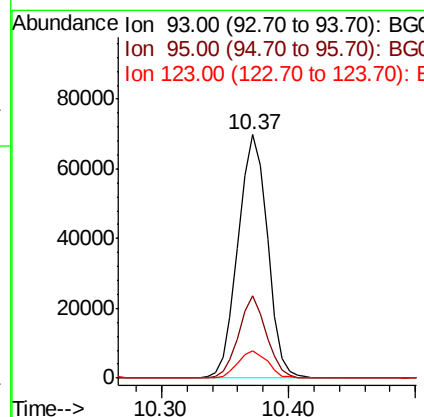
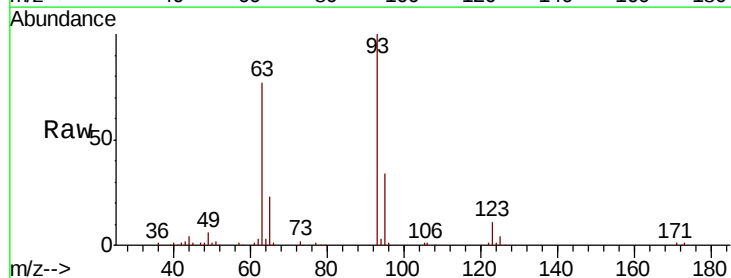
Instrument :
BNA_G
ClientSampleId :
SSTDIC025

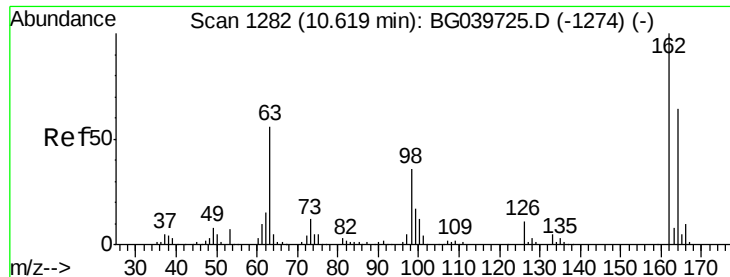
Tot Ion:122 Resp: 70391
Ion Ratio Lower Upper
122 100
107 115.2 98.7 148.1
121 56.8 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 27.523 ng
RT: 10.37 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Tgt Ion: 93 Resp: 112176
Ion Ratio Lower Upper
93 100
95 34.0 25.8 38.8
123 11.3 8.9 13.3

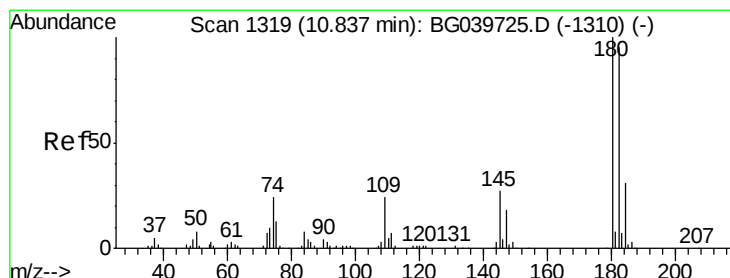
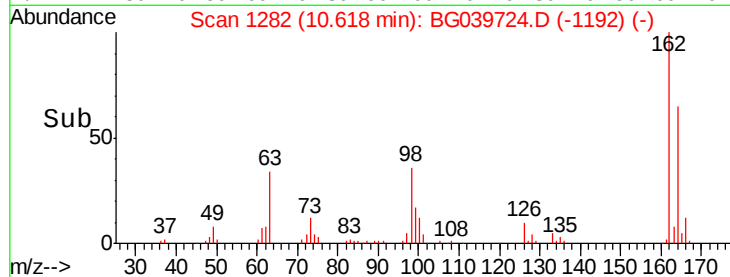
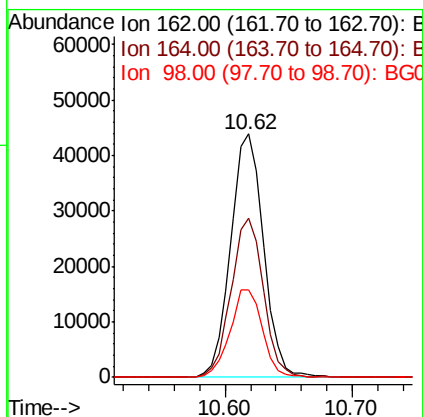
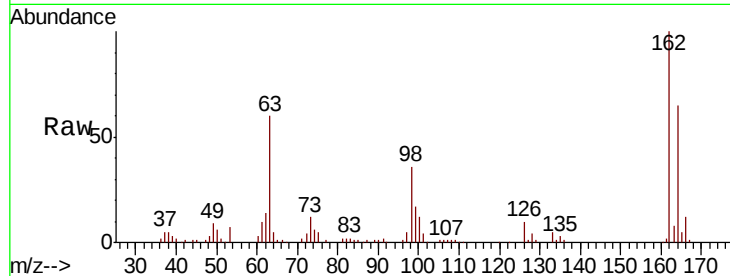




#29
 2,4-Dichlorophenol
 Concen: 26.779 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG039724.D
 Acq: 4 Mar 2019 10:20

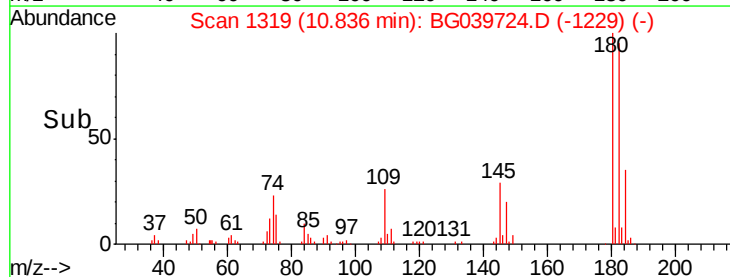
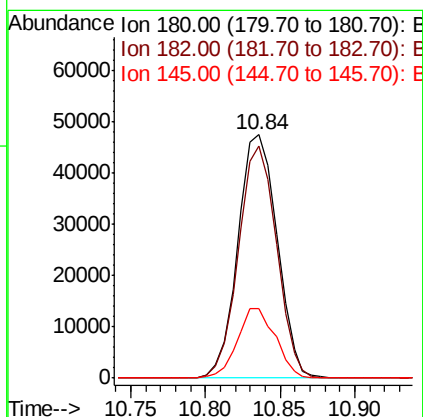
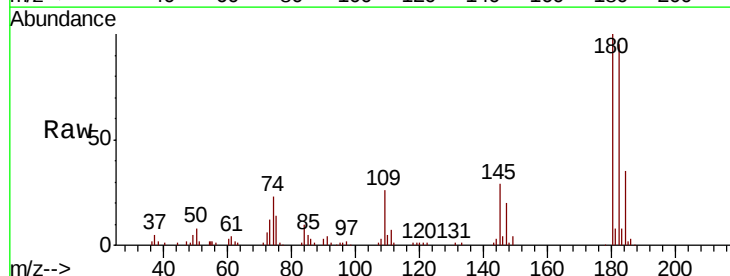
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC025

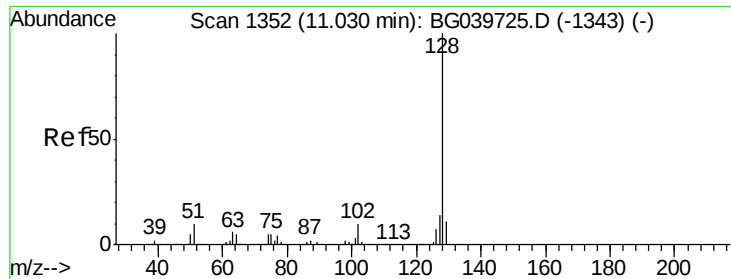
Tot Ion:162 Resp: 78341
 Ion Ratio Lower Upper
 162 100
 164 65.4 44.4 84.4
 98 36.1 15.5 55.5



#30
 1,2,4-Trichlorobenzene
 Concen: 26.348 ng
 RT: 10.84 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BG039724.D
 Acq: 4 Mar 2019 10:20

Tgt Ion:180 Resp: 86539
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.7 113.5
 145 28.6 21.9 32.9

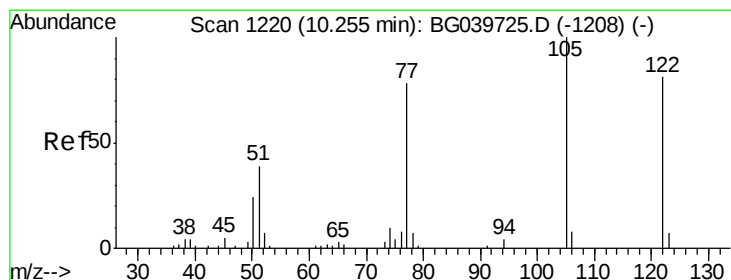
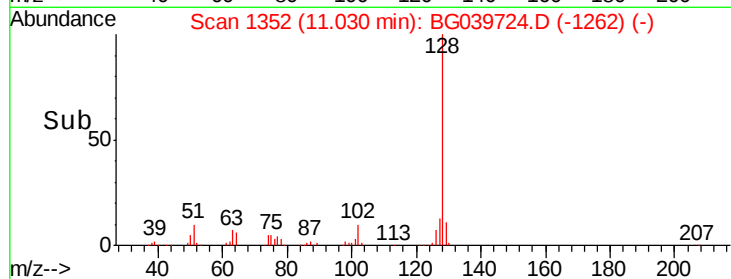
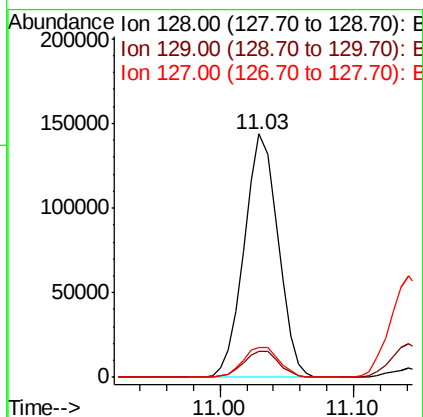
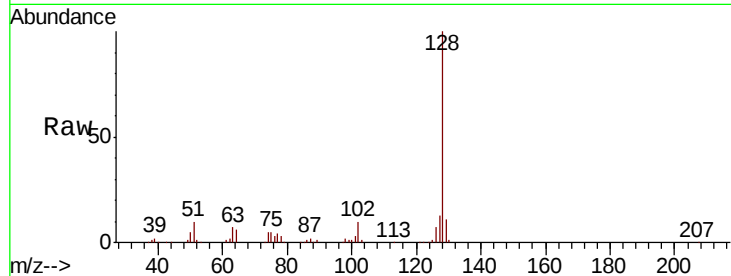




#31
Naphthalene
Concen: 27.222 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

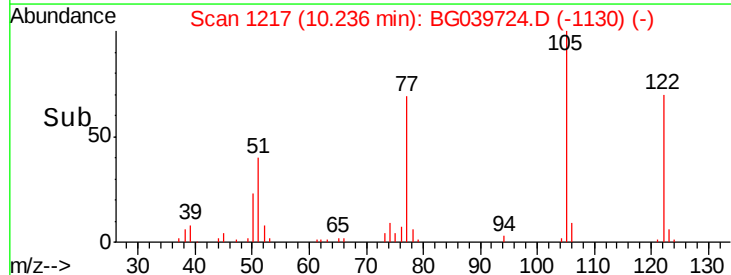
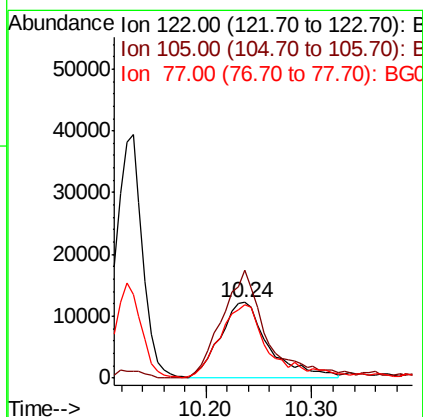
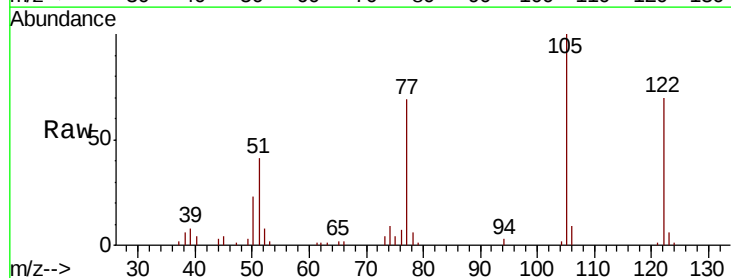
Instrument :
BNA_G
ClientSampleId :
SSTDIC025

Tot Ion:128 Resp: 251916
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.5 11.5 17.3



#32
Benzoic acid
Concen: 24.906 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Tgt Ion:122 Resp: 37882
Ion Ratio Lower Upper
122 100
105 141.9 103.3 143.3
77 97.4 76.5 116.5

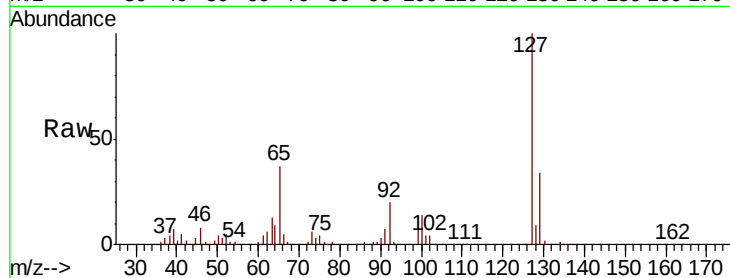




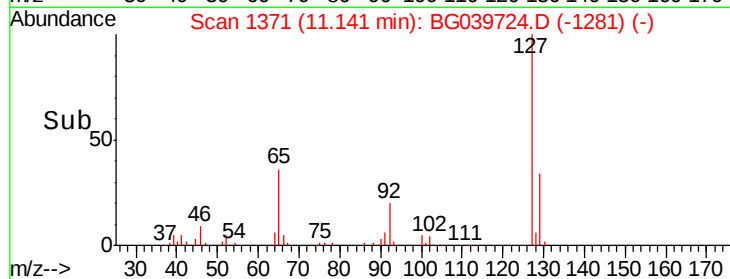
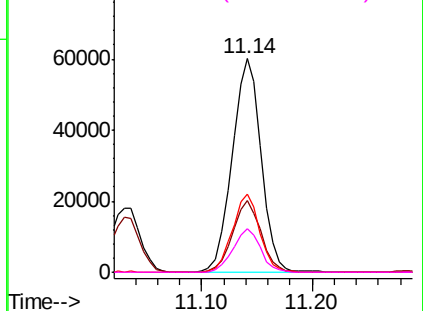
#33
4-Chloroaniline
Concen: 25.731 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Instrument :
BNA_G
ClientSampleId :
SSTDIC025

Tot Ion:	127	Resp:	110408
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.9	38.9
65	36.7	29.0	43.4
92	20.2	16.0	24.0

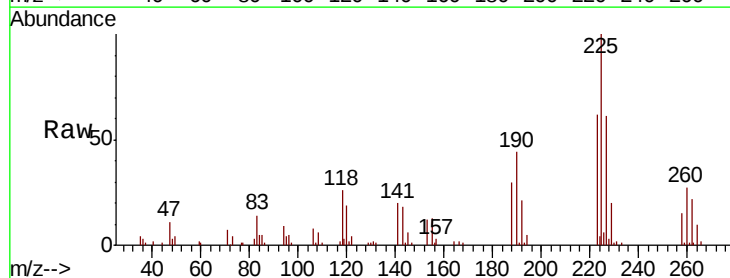


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

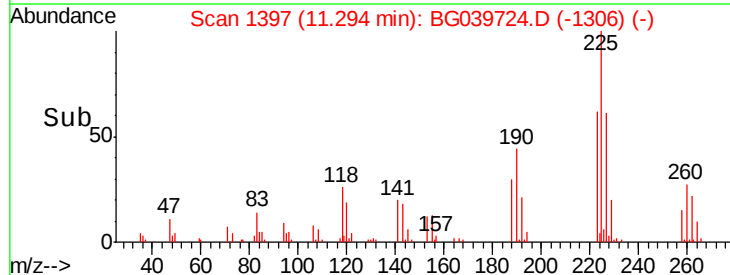
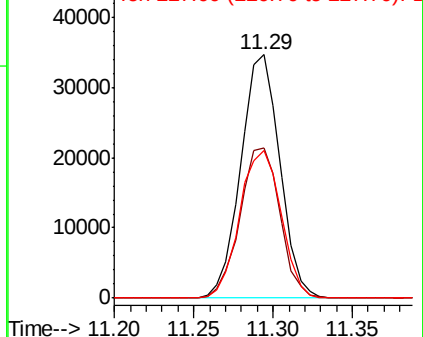


#34
Hexachlorobutadiene
Concen: 27.191 ng
RT: 11.29 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Tgt Ion:	225	Resp:	59393
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.8	77.6
227	60.8	50.3	75.5



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





#35

Caprolactam

Concen: 24.921 ng

RT: 11.90 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Instrument :

BNA_G

ClientSampleId :

SSTDIC025

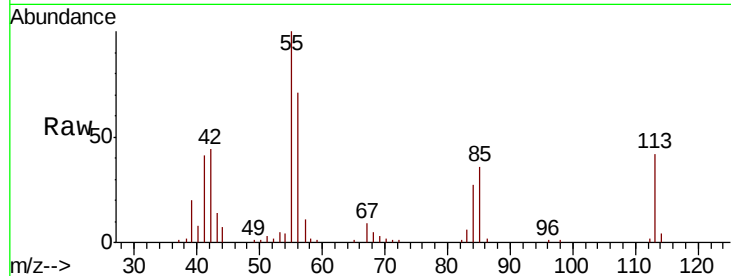
Tot Ion:113 Resp: 30169

Ion Ratio Lower Upper

113 100

55 237.8 204.4 244.4

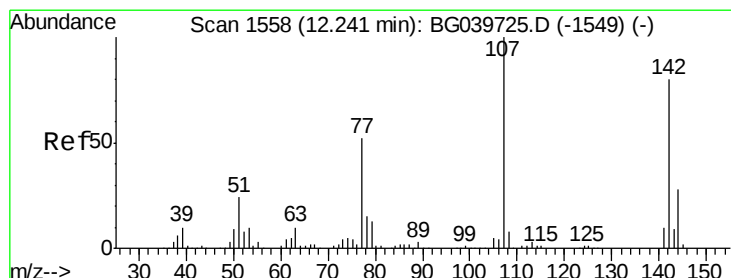
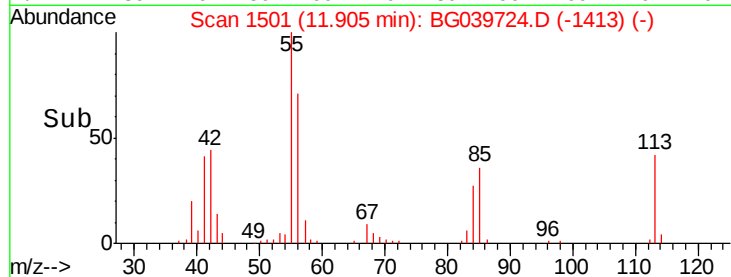
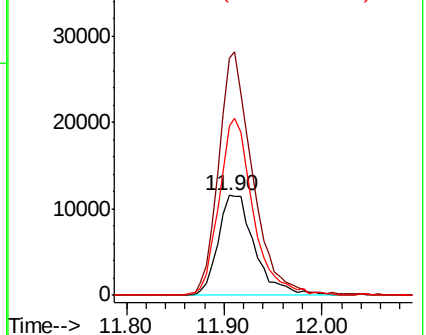
56 169.3 138.2 178.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 26.744 ng

RT: 12.24 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

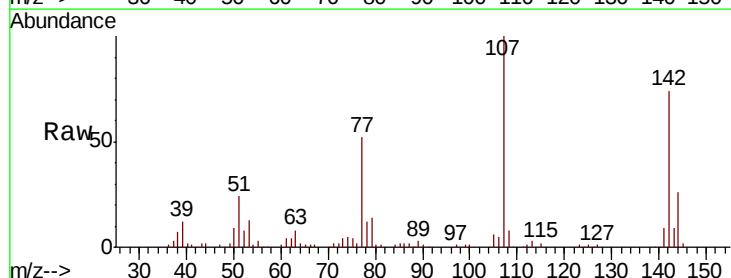
Tgt Ion:107 Resp: 90486

Ion Ratio Lower Upper

107 100

144 26.5 22.2 33.4

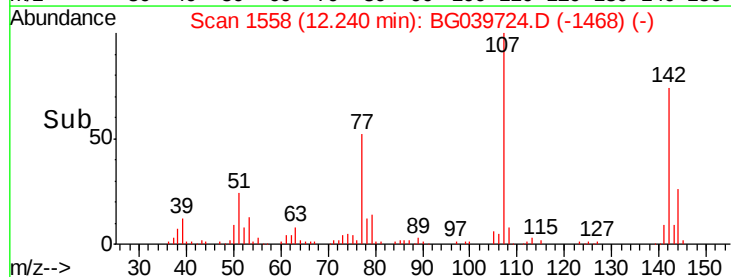
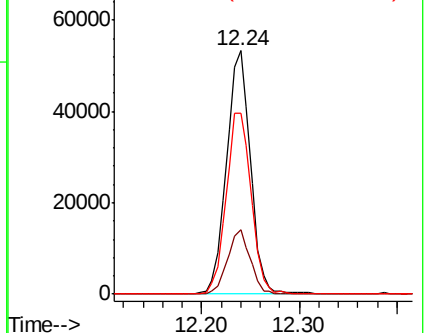
142 74.5 64.2 96.2



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

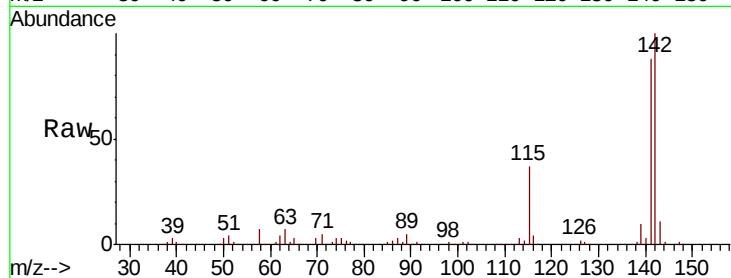




#37
2-Methylnaphthalene
Concen: 27.745 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Instrument :
BNA_G
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	69.5	104.3
115	36.9	28.8	43.2

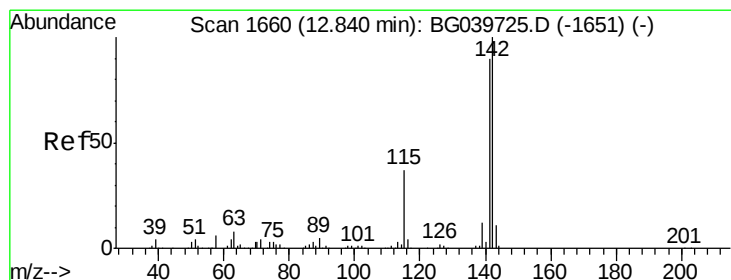
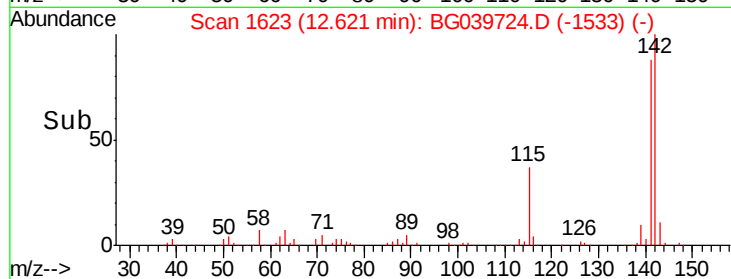
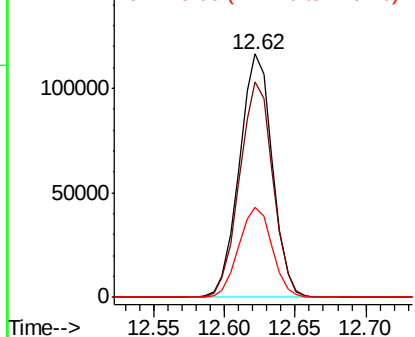


Abundance

Ion 142.00 (141.70 to 142.70): E

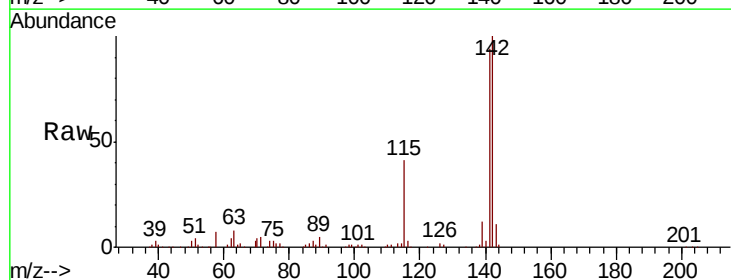
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 28.161 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	71.8	107.6
116	3.5	3.1	4.7

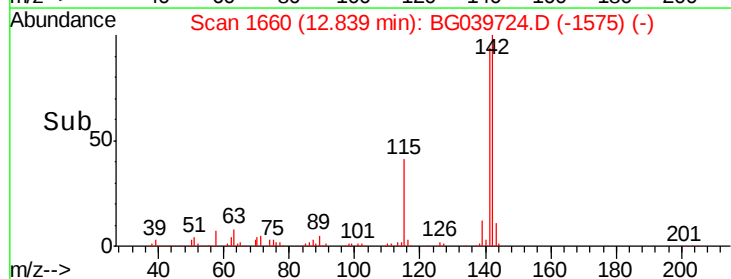
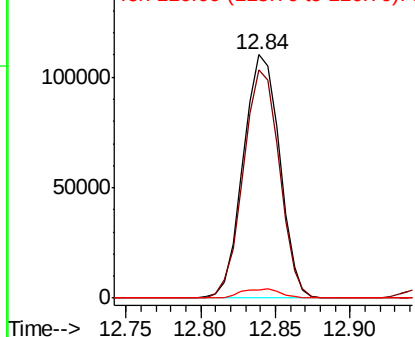


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC025

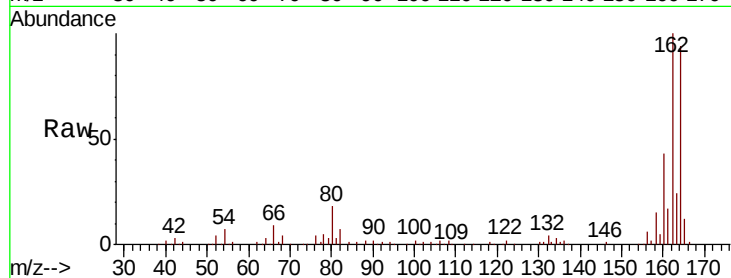
Tot Ion:164 Resp: 128355

Ion Ratio Lower Upper

164 100

162 106.9 80.7 121.1

160 45.8 36.2 54.4

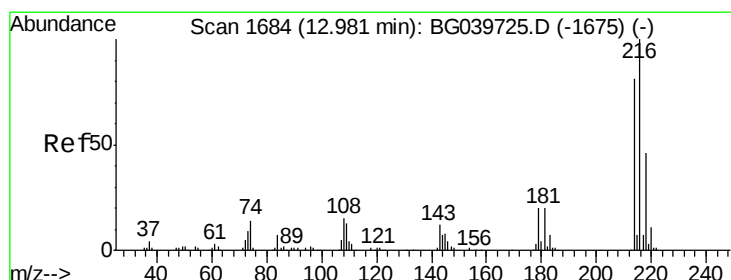
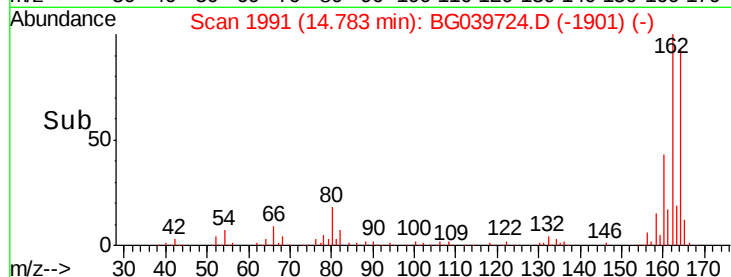
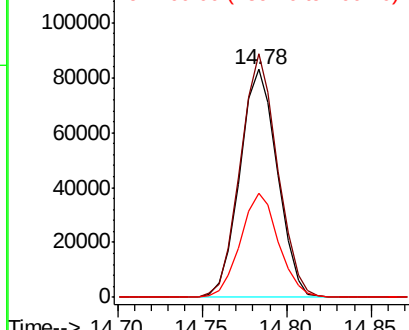


Abundance

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: 26.385 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Tgt Ion:216 Resp: 107753

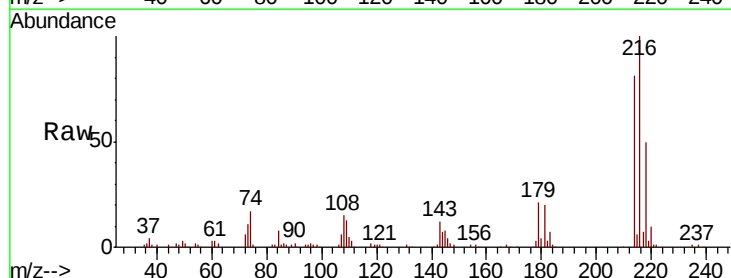
Ion Ratio Lower Upper

216 100

214 78.6 63.2 94.8

179 20.1 16.2 24.4

108 16.9 13.4 20.0



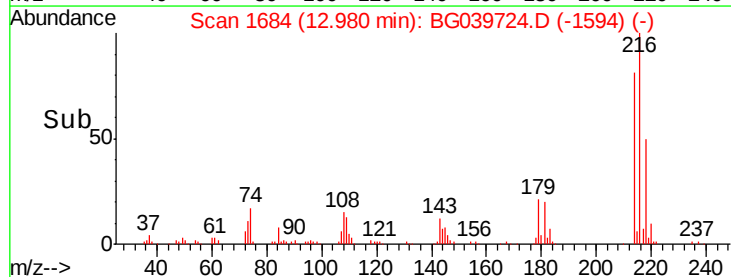
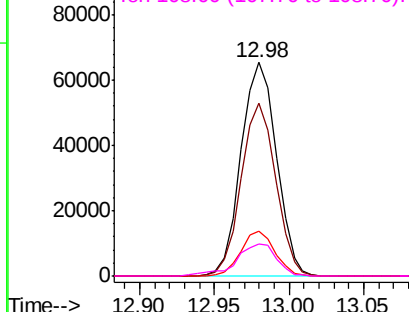
Abundance

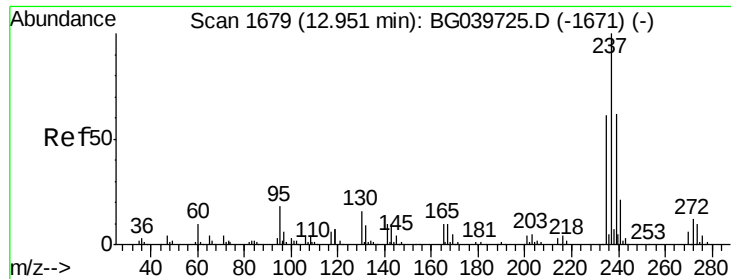
Ion 216.00 (215.70 to 216.70): E

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: 26.773 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Instrument :

BNA_G

ClientSampleId :

SSTDIC025

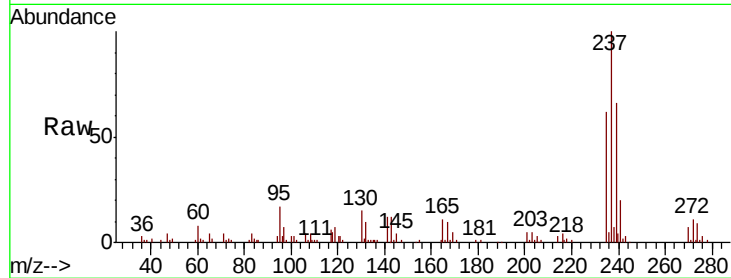
Tot Ion:237 Resp: 59580

Ion Ratio Lower Upper

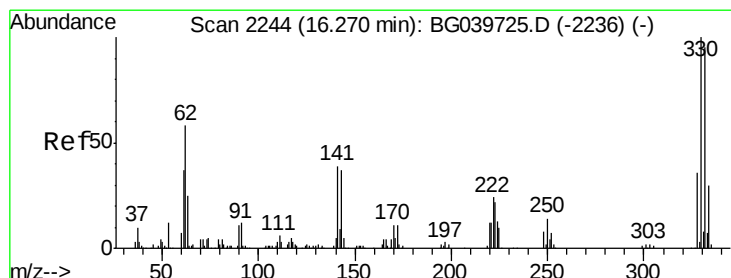
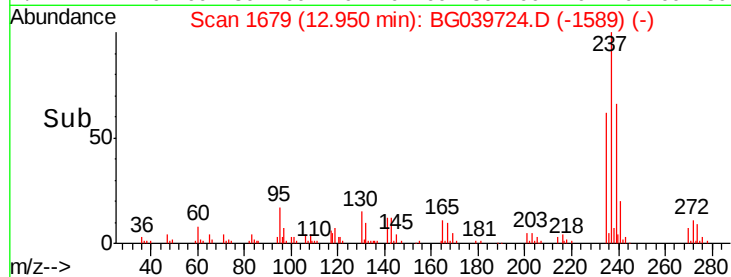
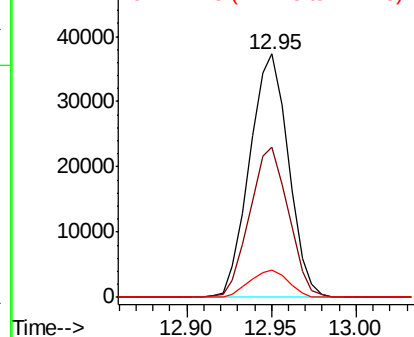
237 100

235 61.8 41.0 81.0

272 11.0 0.0 31.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 55.062 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

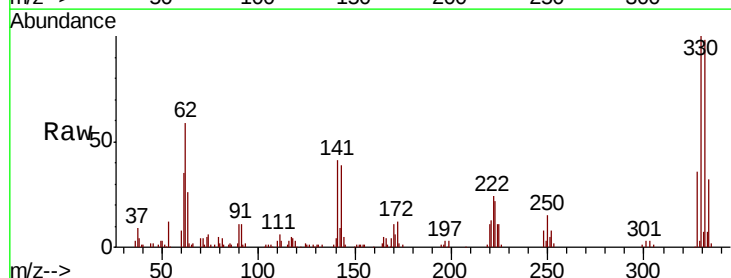
Tgt Ion:330 Resp: 76104

Ion Ratio Lower Upper

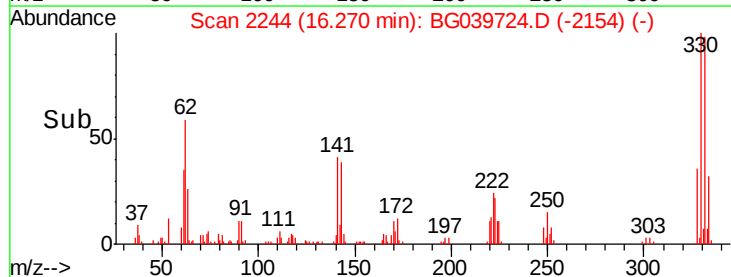
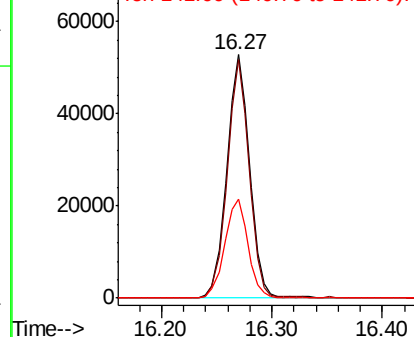
330 100

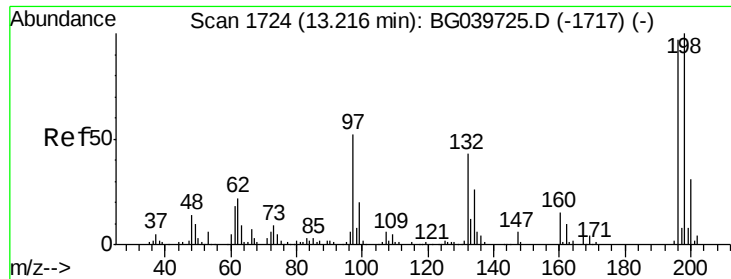
332 94.6 75.8 113.6

141 41.4 32.8 49.2



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

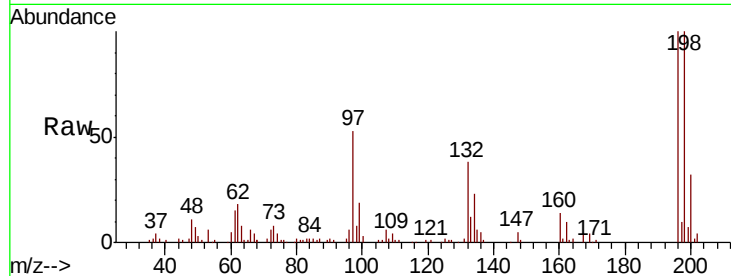




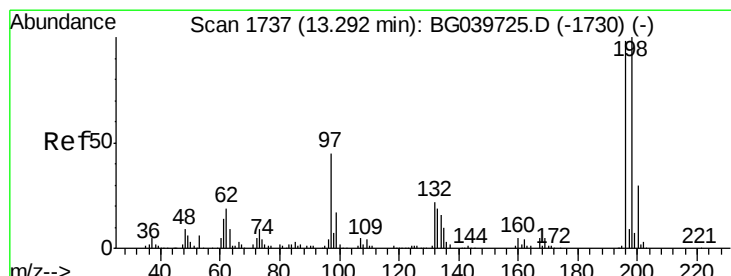
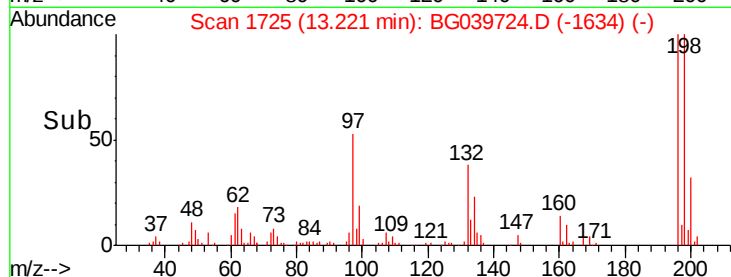
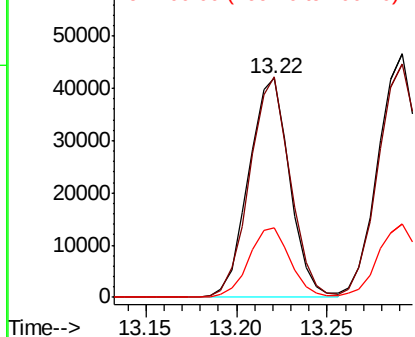
#43
 2,4,6-Trichlorophenol
 Concen: 26.491 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: BG039724.D
 Acq: 4 Mar 2019 10:20

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC025

Tot Ion:196 Resp: 66519
 Ion Ratio Lower Upper
 196 100
 198 100.5 82.1 123.1
 200 31.7 25.1 37.7



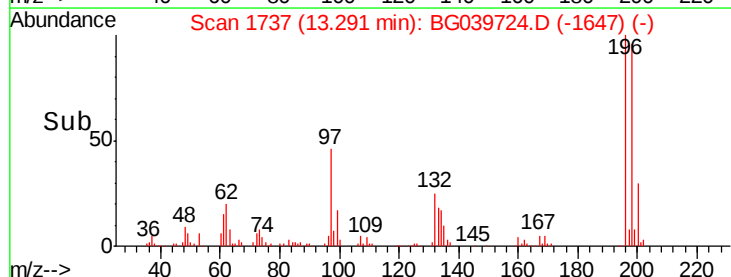
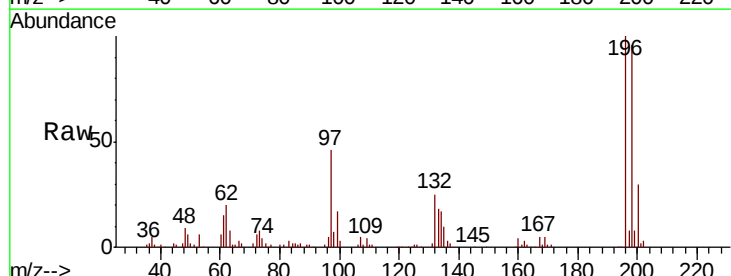
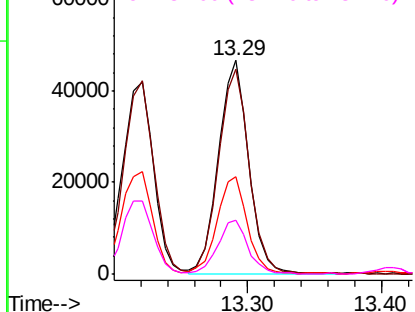
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

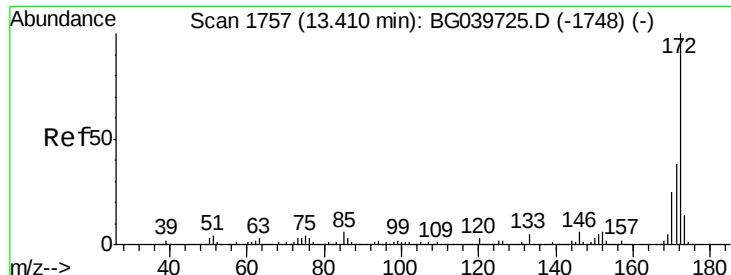


#44
 2,4,5-Trichlorophenol
 Concen: 28.302 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG039724.D
 Acq: 4 Mar 2019 10:20

Tgt Ion:196 Resp: 74482
 Ion Ratio Lower Upper
 196 100
 198 95.7 81.4 122.0
 97 45.7 36.4 54.6
 132 24.9 18.5 27.7

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

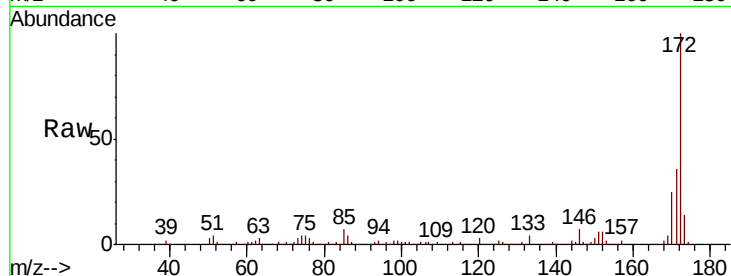




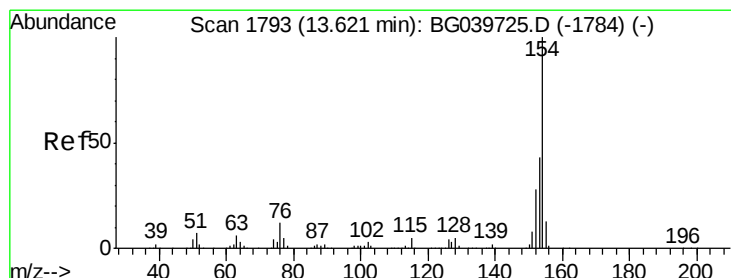
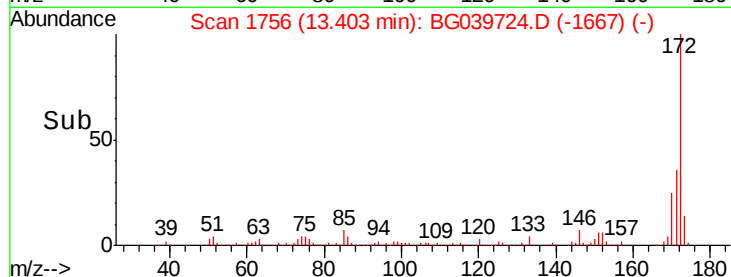
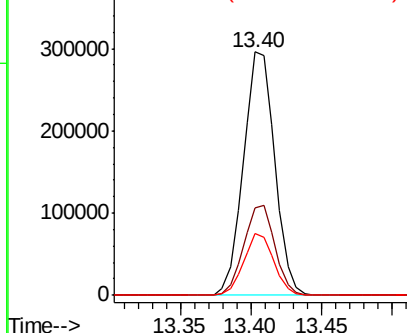
#45
2-Fluorobiphenyl
Concen: 51.413 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Instrument :
BNA_G
ClientSampleId :
SSTDIC025

Tot Ion:172 Resp: 460012
Ion Ratio Lower Upper
172 100
171 36.1 30.7 46.1
170 25.4 20.2 30.2

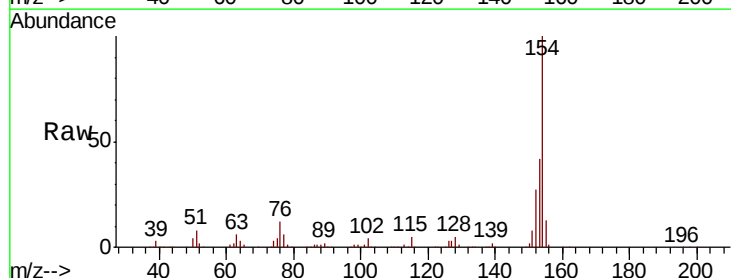


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

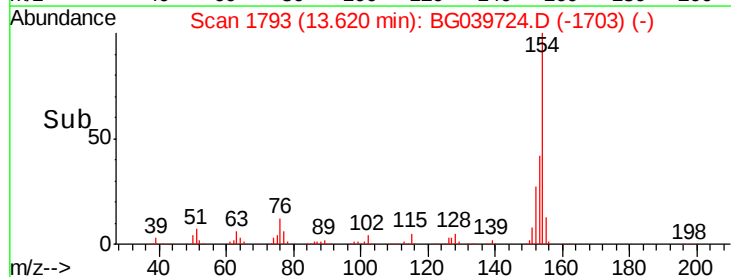
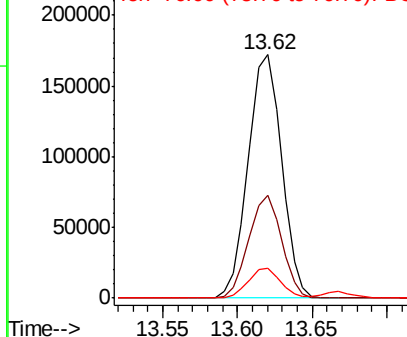


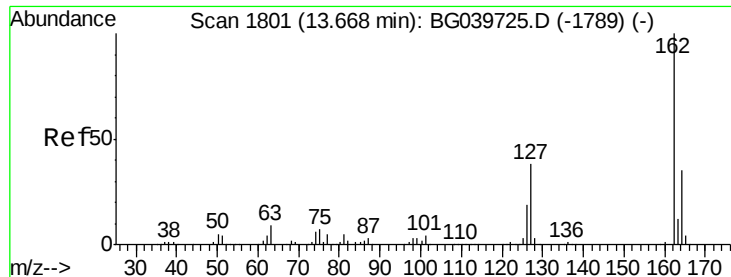
#46
1,1'-Biphenyl
Concen: 24.988 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Tgt Ion:154 Resp: 266857
Ion Ratio Lower Upper
154 100
153 42.2 23.2 63.2
76 12.2 0.0 31.7



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): BGC

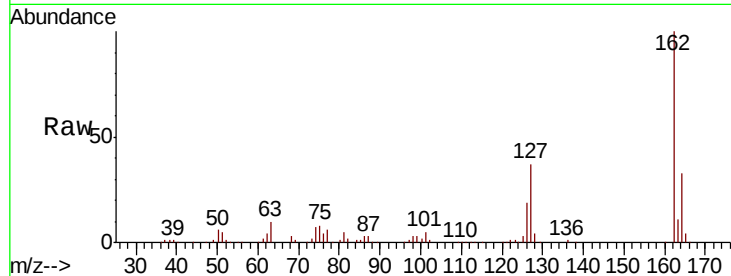




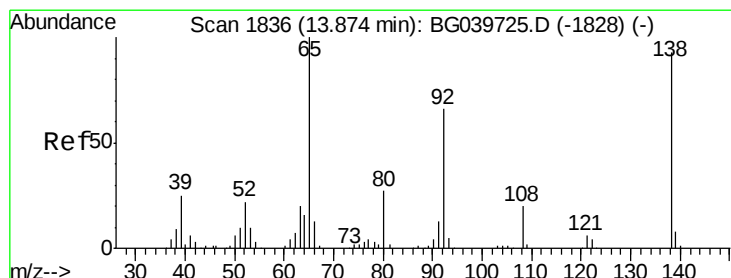
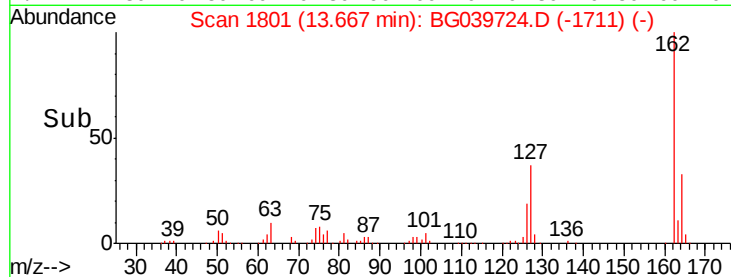
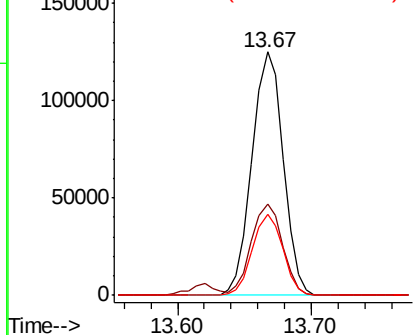
#47
 2-Chloronaphthalene
 Concen: 25.145 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG039724.D
 Acq: 4 Mar 2019 10:20

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC025

Tot Ion:162 Resp: 202016
 Ion Ratio Lower Upper
 162 100
 127 37.4 30.7 46.1
 164 33.2 27.6 41.4

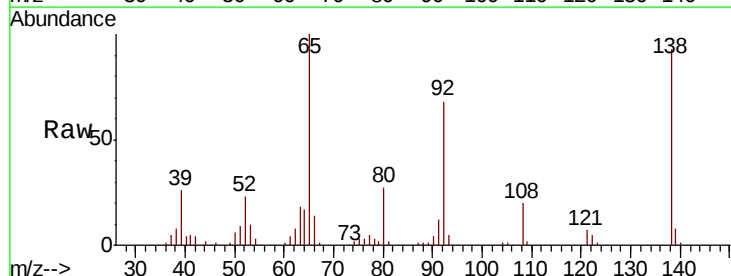


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

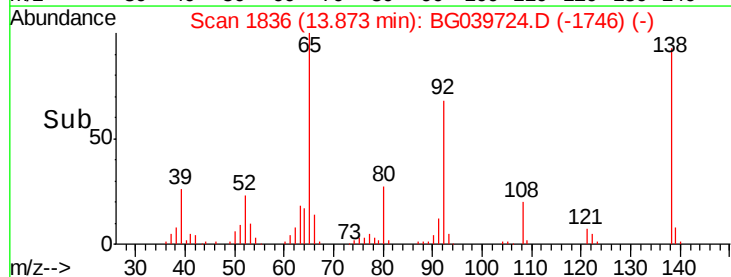
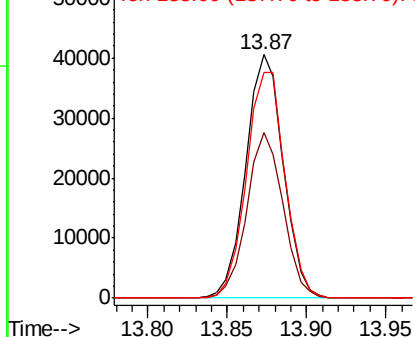


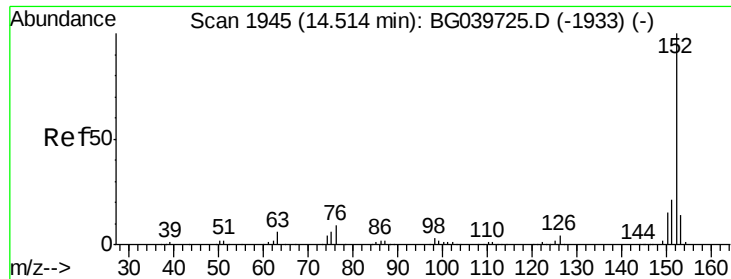
#48
 2-Nitroaniline
 Concen: 32.586 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG039724.D
 Acq: 4 Mar 2019 10:20

Tgt Ion: 65 Resp: 66444
 Ion Ratio Lower Upper
 65 100
 92 68.3 52.6 79.0
 138 92.7 74.6 111.8



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: 27.694 ng

RT: 14.51 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Instrument :

BNA_G

ClientSampleId :

SSTDIC025

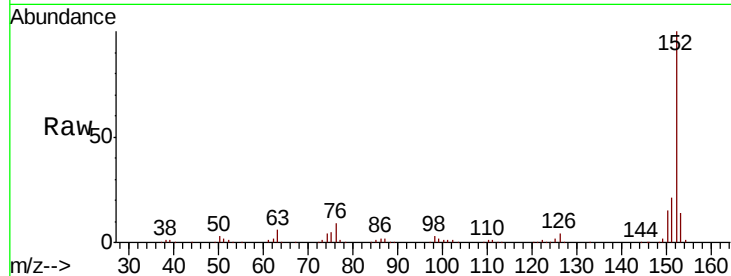
Tot Ion:152 Resp: 335716

Ion Ratio Lower Upper

152 100

151 21.1 16.7 25.1

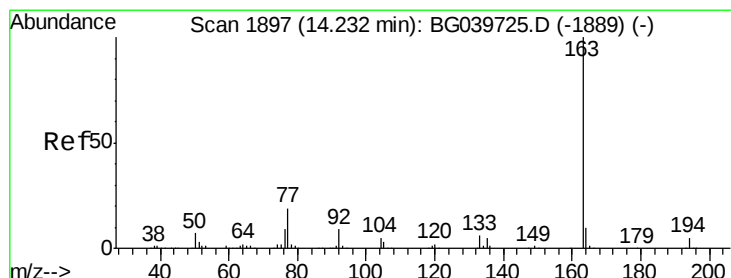
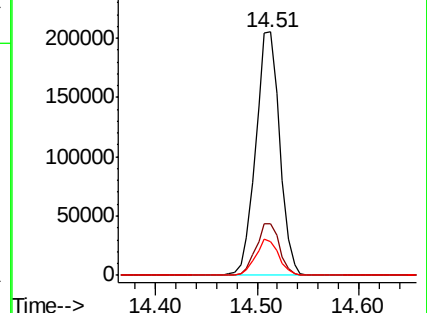
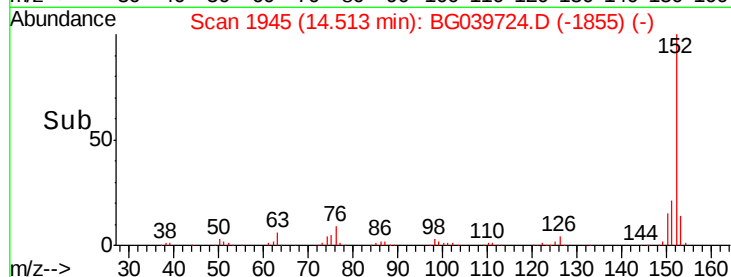
153 13.9 11.1 16.7



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: 26.657 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

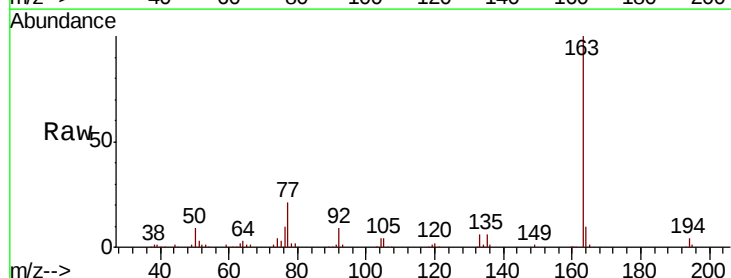
Tgt Ion:163 Resp: 276343

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

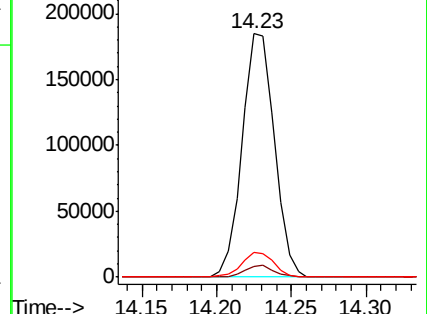
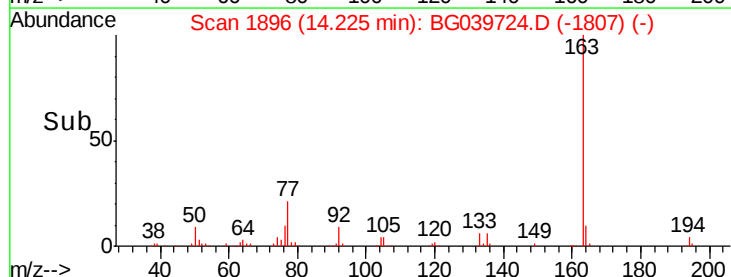
164 10.3 8.2 12.2

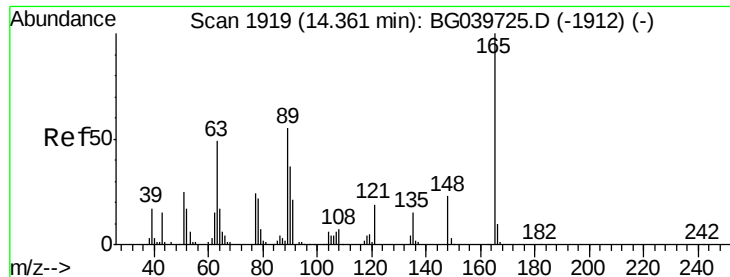


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

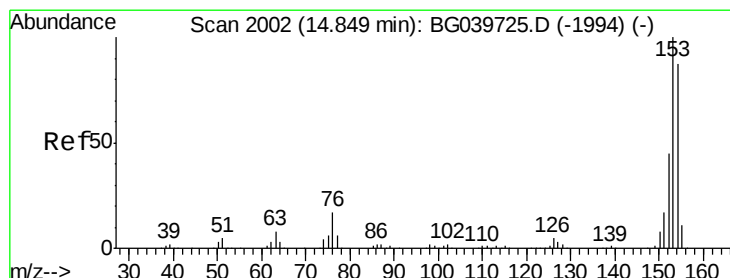
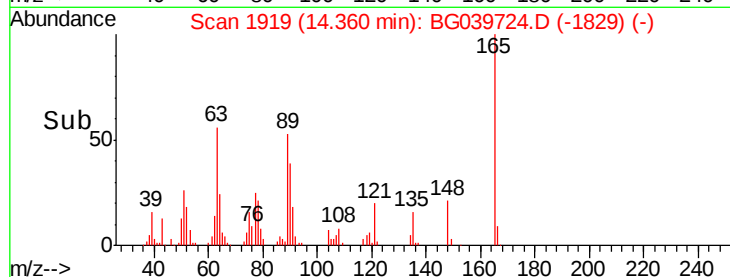
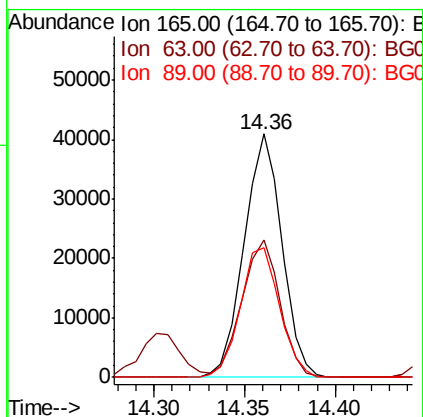
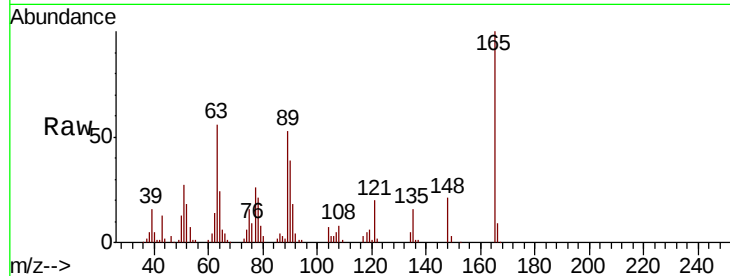




#51
 2,6-Dinitrotoluene
 Concen: 33.767 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: BG039724.D
 Acq: 4 Mar 2019 10:20

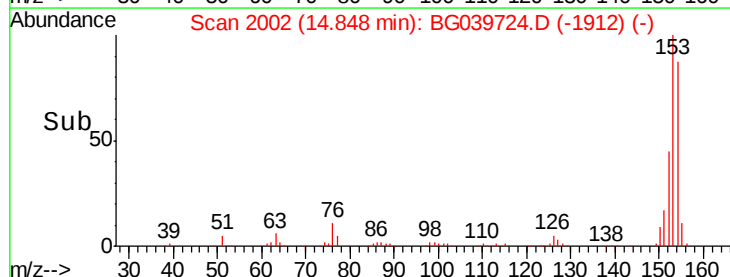
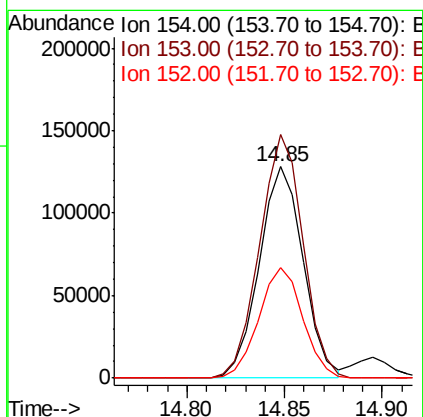
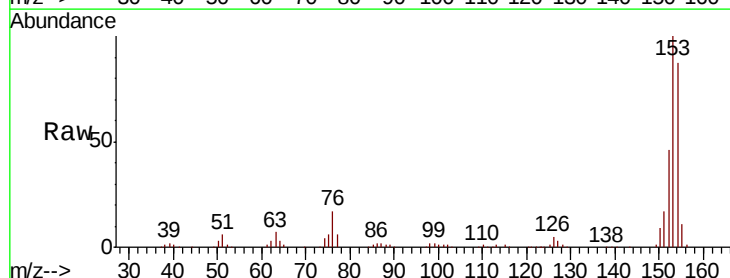
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC025

Tot Ion:165 Resp: 59161
 Ion Ratio Lower Upper
 165 100
 63 56.3 44.6 66.8
 89 53.2 44.0 66.0



#52
 Acenaphthene
 Concen: 25.365 ng
 RT: 14.85 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BG039724.D
 Acq: 4 Mar 2019 10:20

Tgt Ion:154 Resp: 199595
 Ion Ratio Lower Upper
 154 100
 153 115.3 92.2 138.4
 152 52.6 41.6 62.4

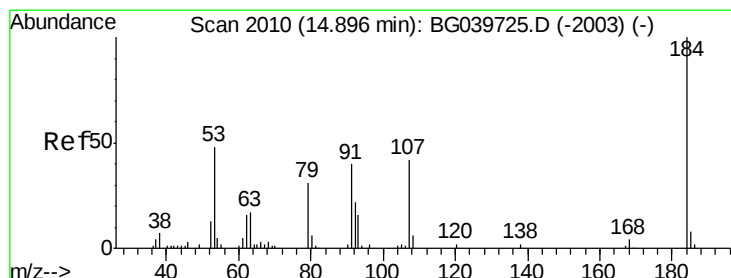
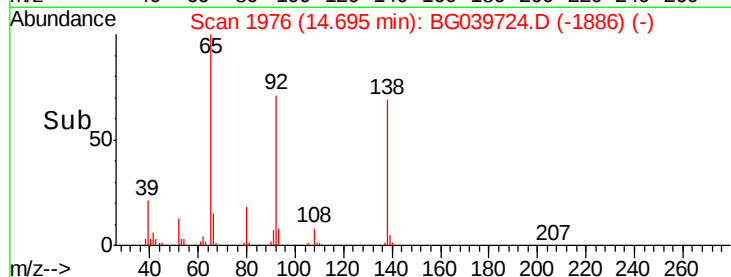
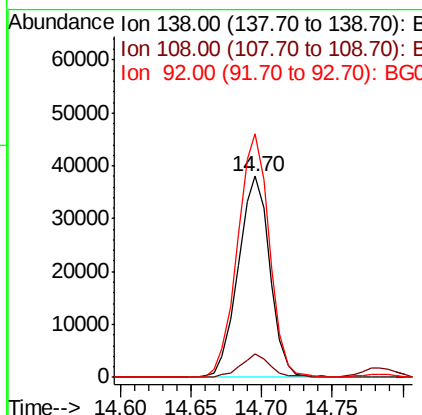
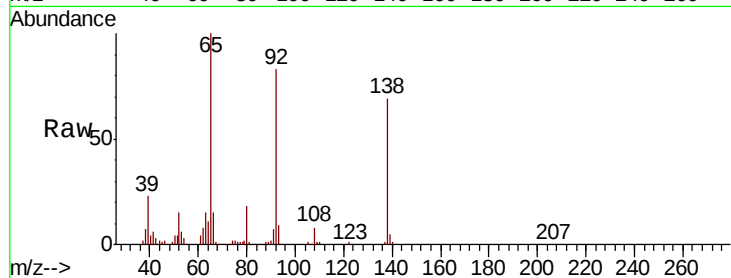




#53
3-Nitroaniline
Concen: 31.056 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

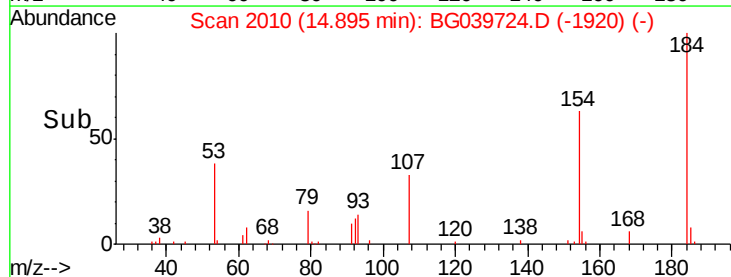
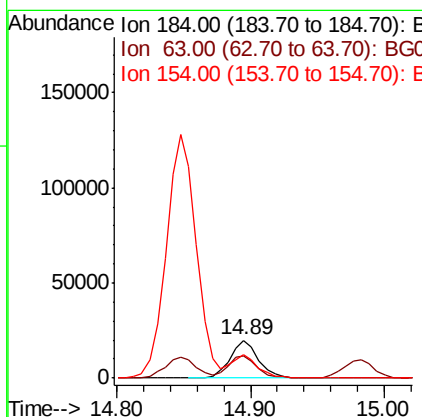
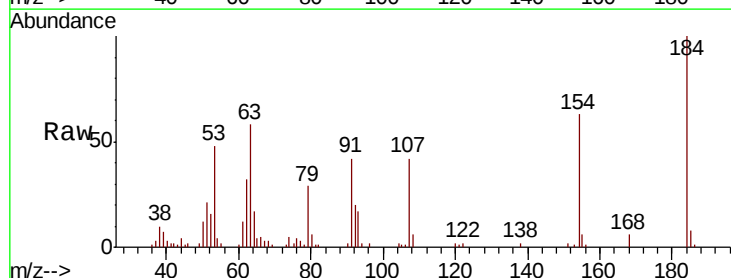
Instrument :
BNA_G
ClientSampleId :
SSTDIC025

Tot Ion:138 Resp: 59459
Ion Ratio Lower Upper
138 100
108 11.8 10.0 15.0
92 120.9 95.7 143.5



#54
2,4-Dinitrophenol
Concen: 45.159 ng
RT: 14.89 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Tgt Ion:184 Resp: 29689
Ion Ratio Lower Upper
184 100
63 58.2 47.4 71.0
154 62.8 50.1 75.1

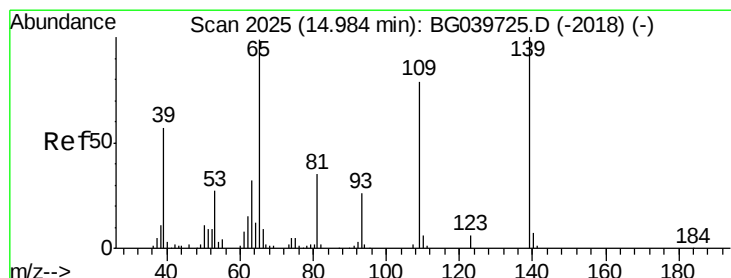
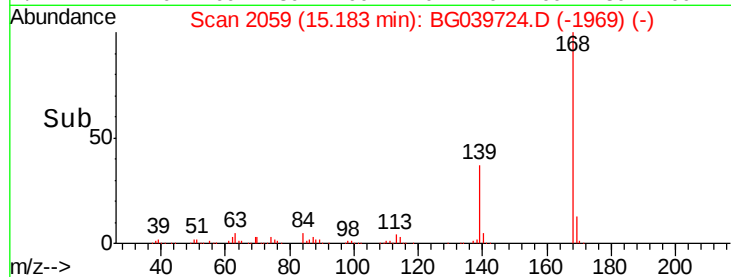
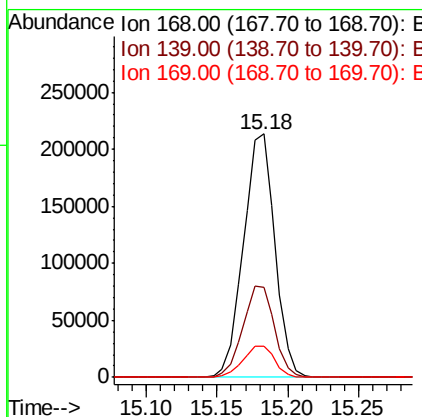
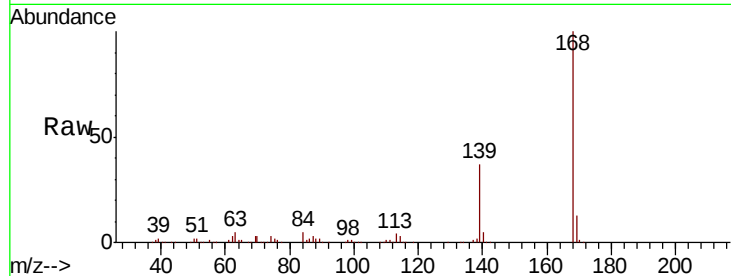




#55
Dibenzenofuran
Concen: 26.308 ng
RT: 15.18 min Scan# 2059
Delta R.T. -0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

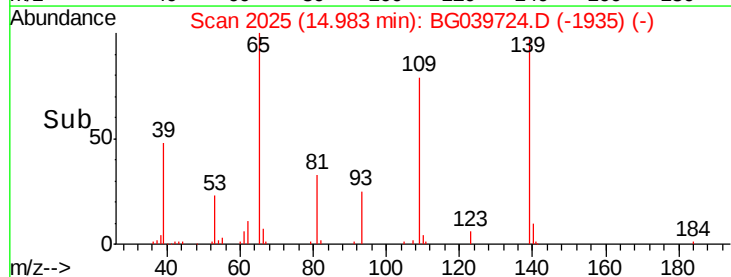
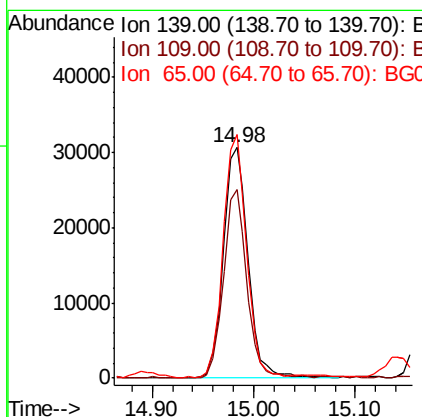
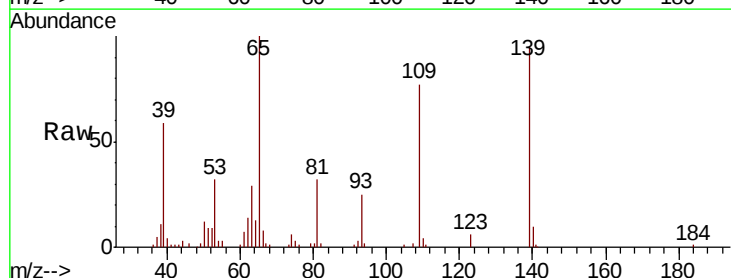
Instrument :
BNA_G
ClientSampleId :
SSTDIC025

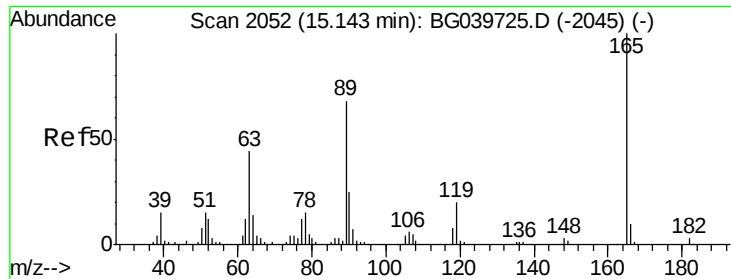
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.8	44.6
169	12.9	10.6	16.0



#56
4-Nitrophenol
Concen: 31.677 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	81.8	58.7	98.7
65	105.7	79.3	119.3

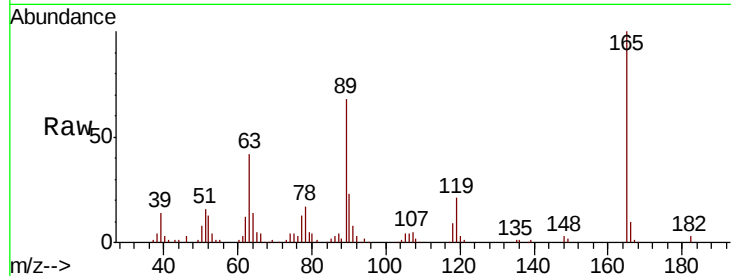




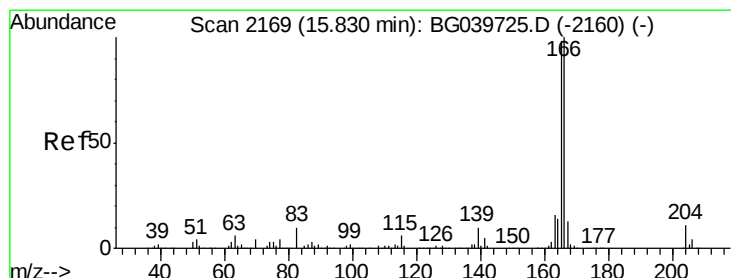
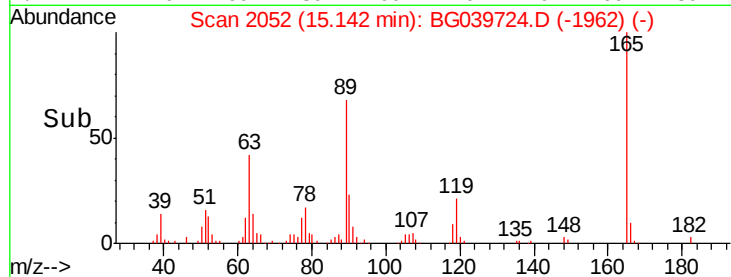
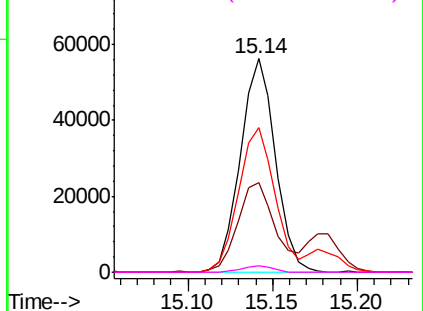
#57
 2,4-Dinitrotoluene
 Concen: 36.611 ng
 RT: 15.14 min Scan# 2052
 Delta R.T. -0.00 min
 Lab File: BG039724.D
 Acq: 4 Mar 2019 10:20

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC025

Tot Ion:165	Resp:	80842
Ion	Ratio	Lower Upper
165	100	
63	42.0	35.4 53.0
89	67.7	54.1 81.1
182	2.7	2.2 3.4

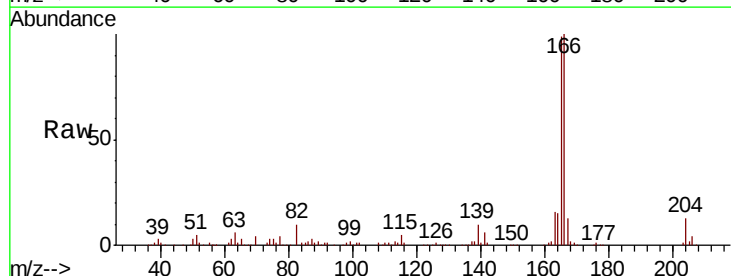


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

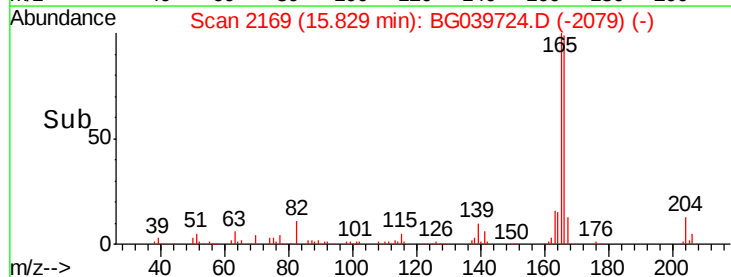
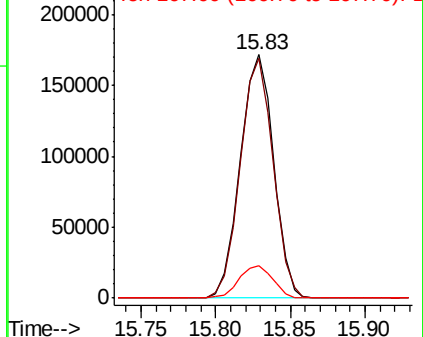


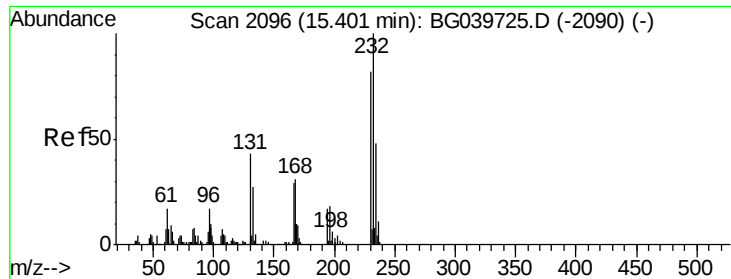
#58
 Fluorene
 Concen: 28.121 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: BG039724.D
 Acq: 4 Mar 2019 10:20

Tgt Ion:166	Resp:	264479
Ion	Ratio	Lower Upper
166	100	
165	98.7	78.5 117.7
167	13.4	10.6 15.8



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

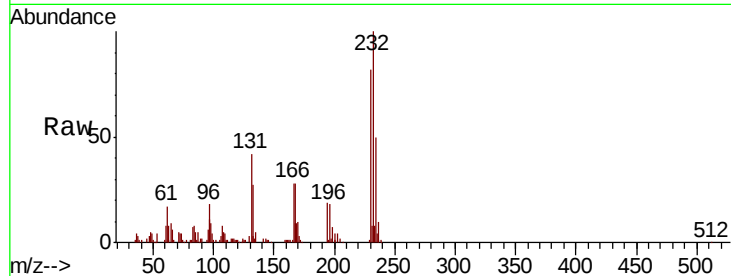




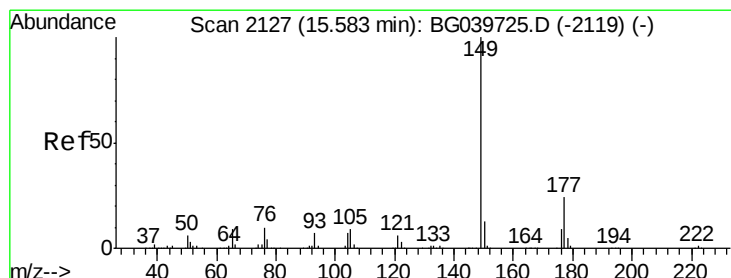
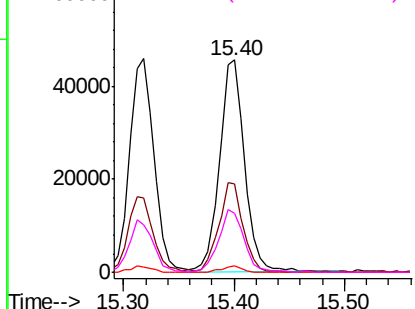
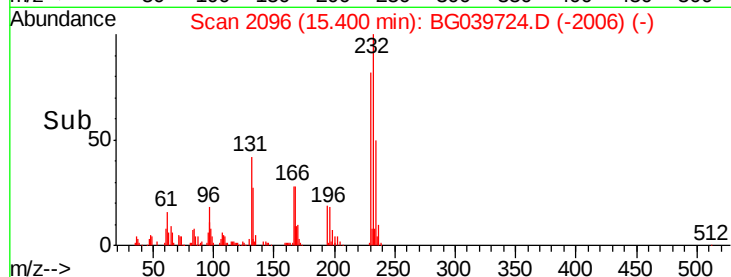
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 29.289 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG039724.D
 Acq: 4 Mar 2019 10:20

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC025

Tot Ion:232 Resp: 72172
 Ion Ratio Lower Upper
 232 100
 131 40.8 32.6 49.0
 130 2.3 2.0 3.0
 166 29.7 22.9 34.3

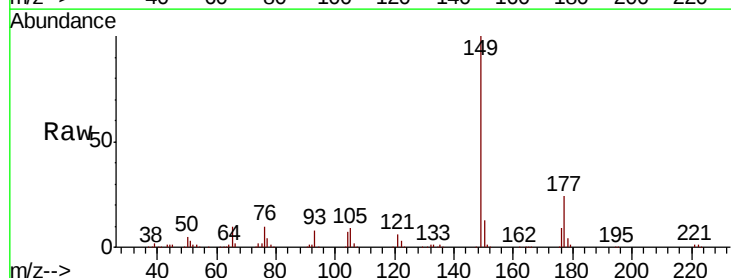


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

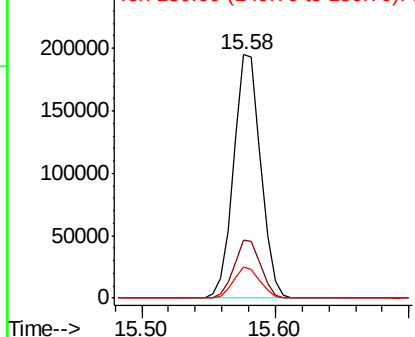
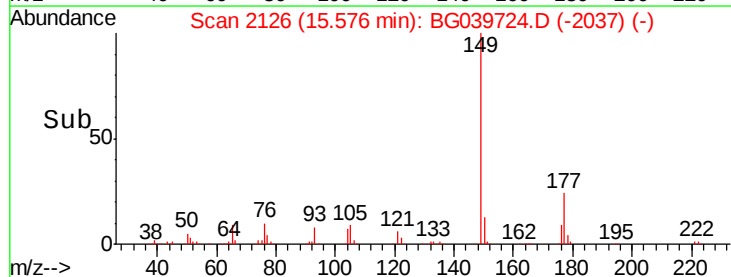


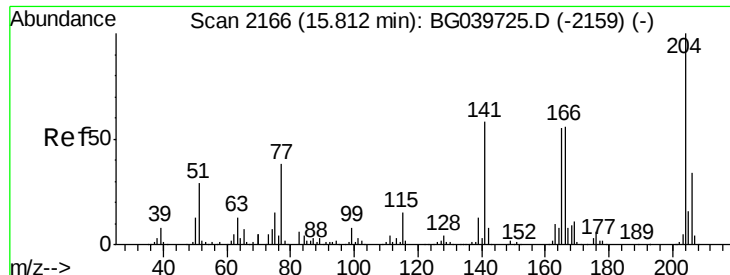
#60
 Diethylphthalate
 Concen: 25.651 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG039724.D
 Acq: 4 Mar 2019 10:20

Tgt Ion:149 Resp: 274937
 Ion Ratio Lower Upper
 149 100
 177 23.9 18.9 28.3
 150 13.0 10.3 15.5



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

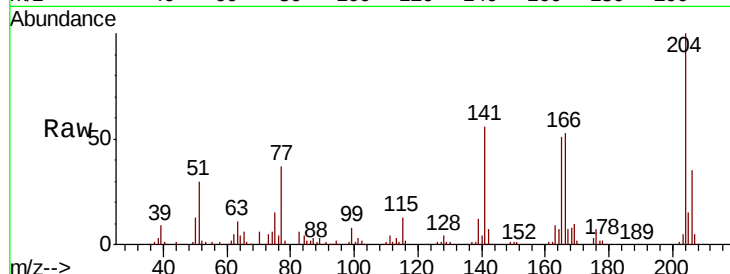




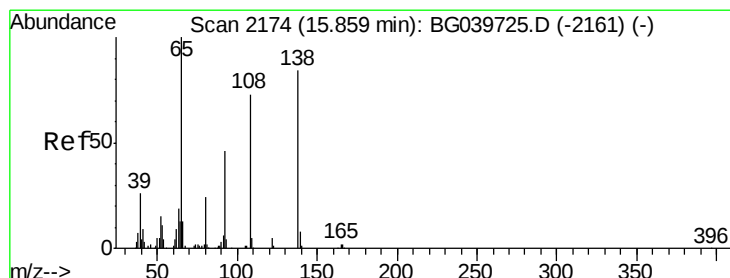
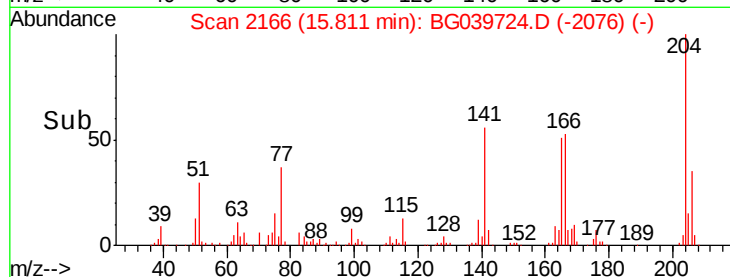
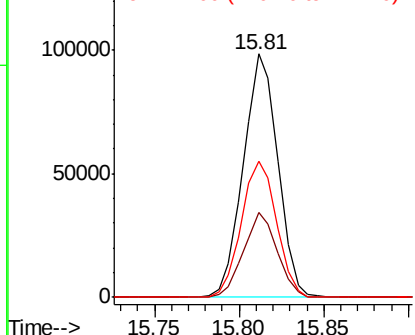
#61
4-Chlorophenyl-phenylether
Concen: 26.329 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Instrument :
BNA_G
ClientSampleId :
SSTDIC025

Tot Ion:204 Resp: 140214
Ion Ratio Lower Upper
204 100
206 35.1 27.0 40.4
141 56.0 46.4 69.6

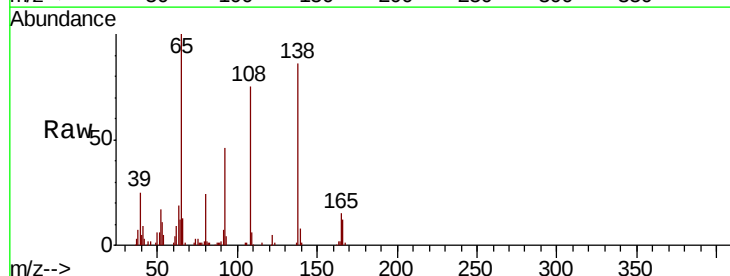


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

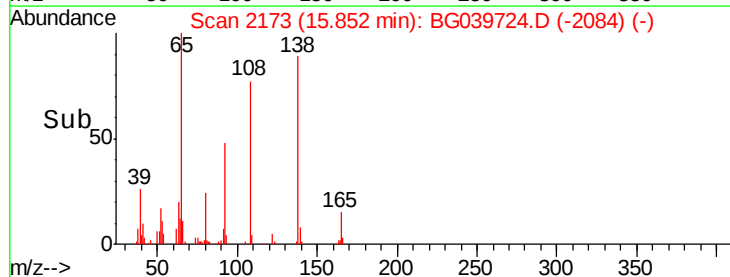
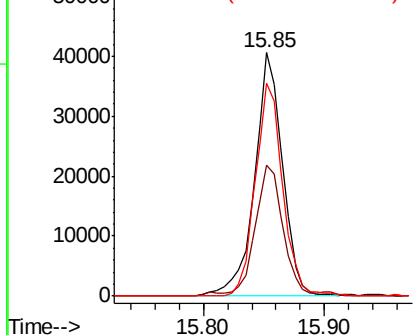


#62
4-Nitroaniline
Concen: 32.224 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Tgt Ion:138 Resp: 65469
Ion Ratio Lower Upper
138 100
92 53.9 34.9 74.9
108 87.6 67.5 107.5



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





#63

Azobenzene

Concen: 23.857 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Instrument :

BNA_G

ClientSampleId :

SSTDIC025

Tot Ion: 77 Resp: 249924

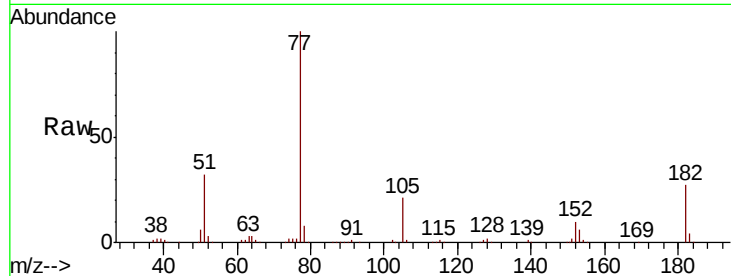
Ion Ratio Lower Upper

77 100

182 27.3 8.9 48.9

105 20.6 0.9 40.9

51 32.3 12.4 52.4

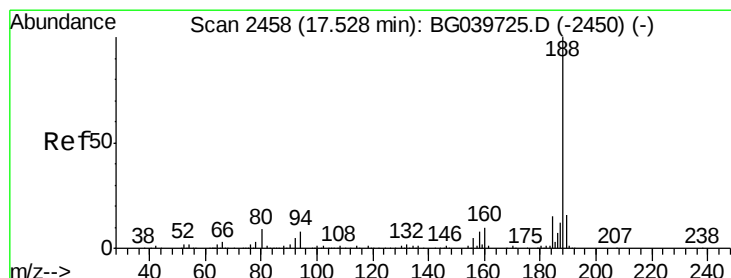
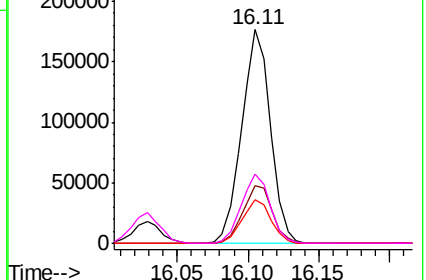
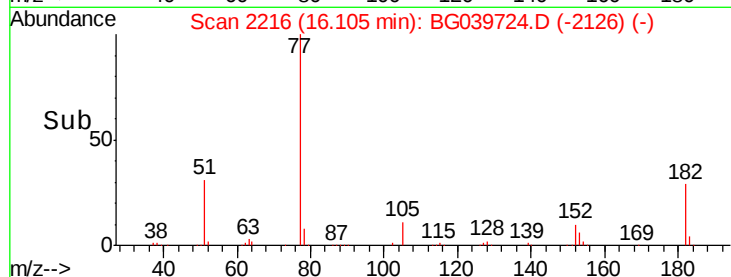


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

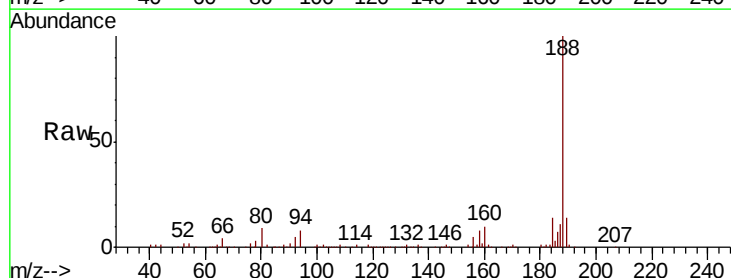
Tgt Ion: 188 Resp: 315614

Ion Ratio Lower Upper

188 100

94 7.7 6.0 9.0

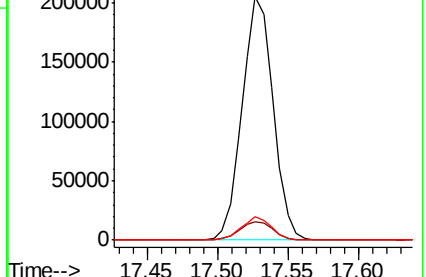
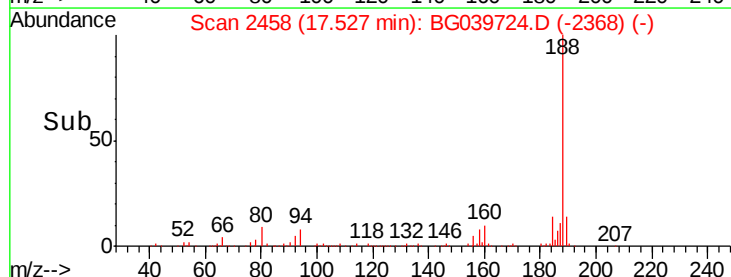
80 9.5 7.4 11.0

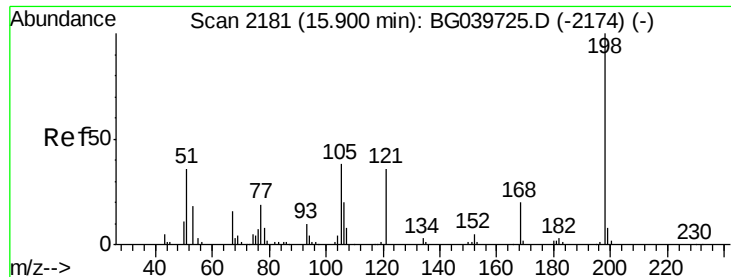


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 38.588 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Instrument :

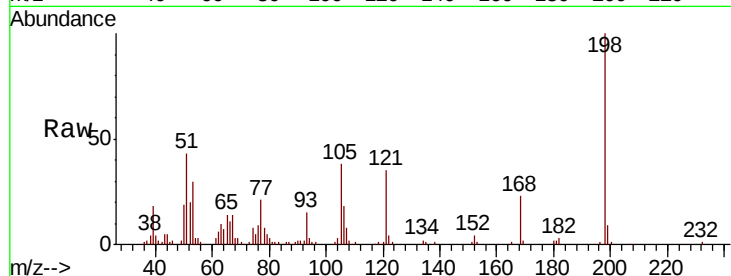
BNA_G

ClientSampleId :

SSTDIC025

Tot Ion:198 Resp: 44759

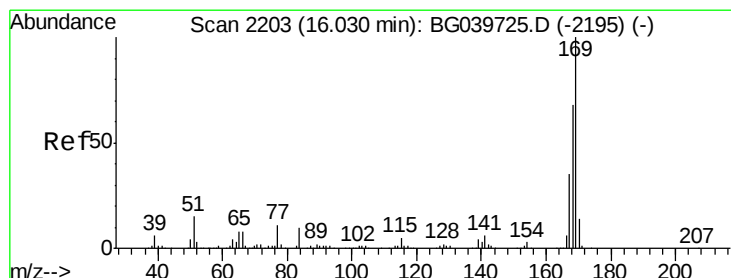
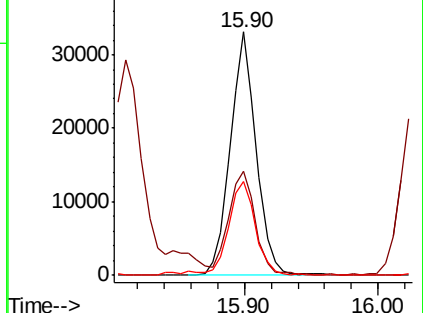
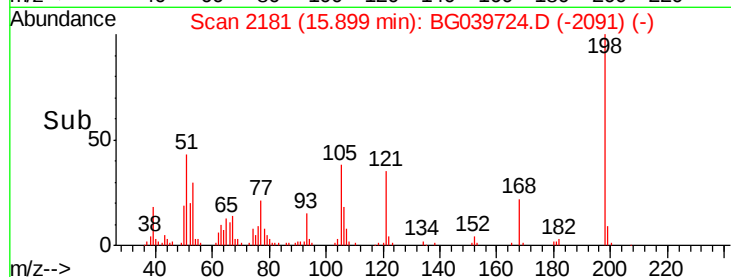
Ion	Ratio	Lower	Upper
198	100		
51	42.5	24.4	64.4
105	38.4	19.4	59.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 24.274 ng

RT: 16.03 min Scan# 2203

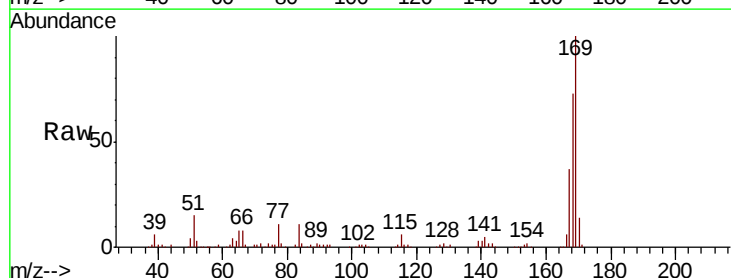
Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Tgt Ion:169 Resp: 232951

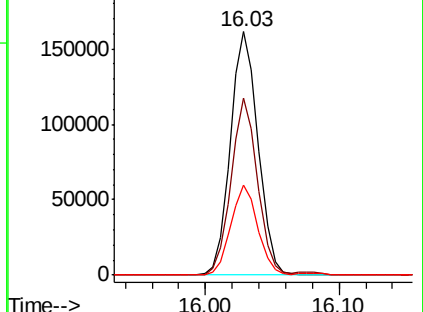
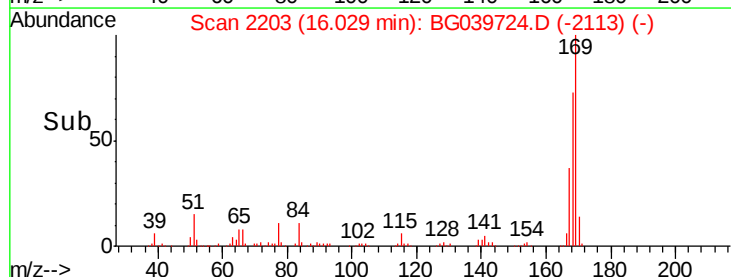
Ion	Ratio	Lower	Upper
169	100		
168	72.9	54.8	82.2
167	37.0	28.0	42.0

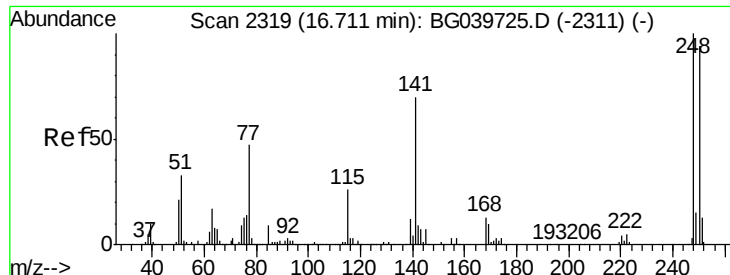


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 25.071 ng

RT: 16.71 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC025

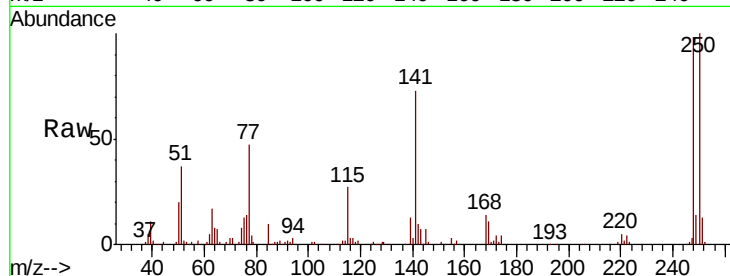
Tot Ion:248 Resp: 87784

Ion Ratio Lower Upper

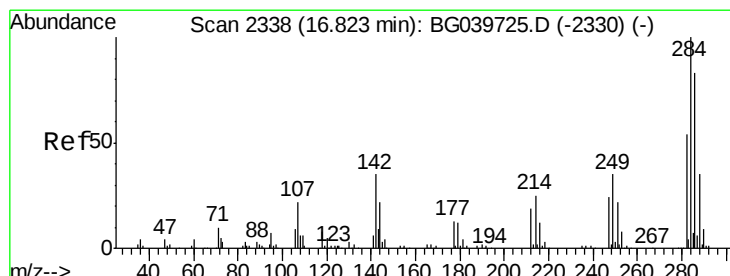
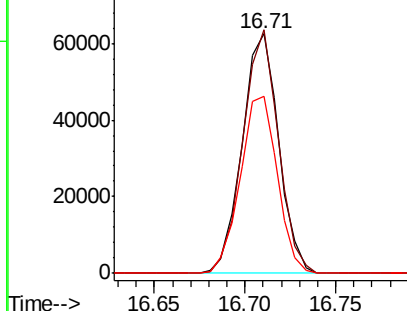
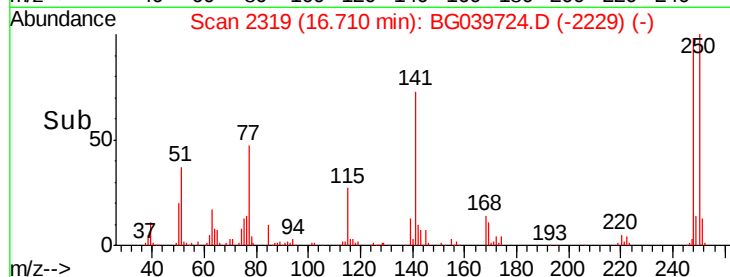
248 100

250 101.7 75.2 112.8

141 73.8 55.8 83.6



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



#68

Hexachlorobenzene

Concen: 26.304 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

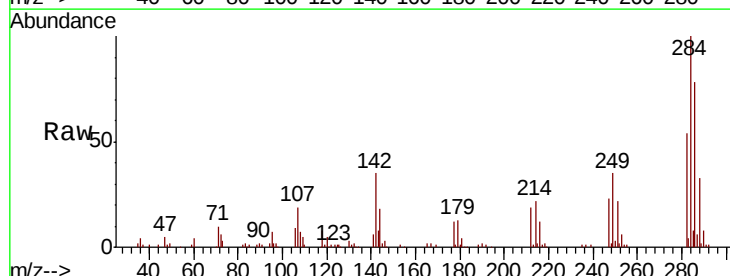
Tgt Ion:284 Resp: 92403

Ion Ratio Lower Upper

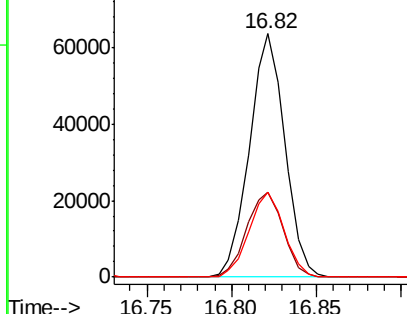
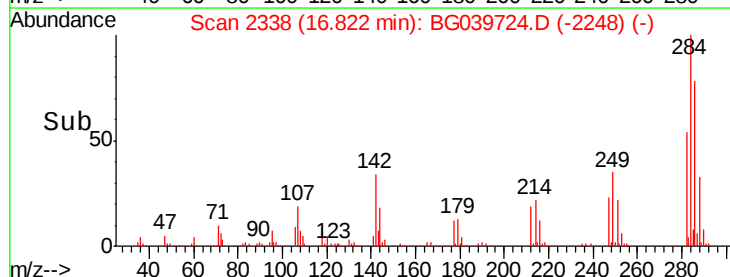
284 100

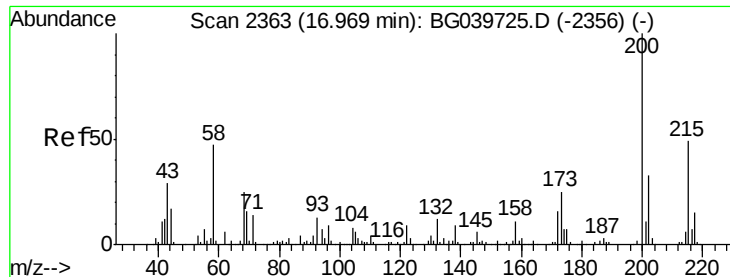
142 34.9 28.2 42.2

249 34.7 28.2 42.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 26.340 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Instrument :

BNA_G

ClientSampleId :

SSTDIC025

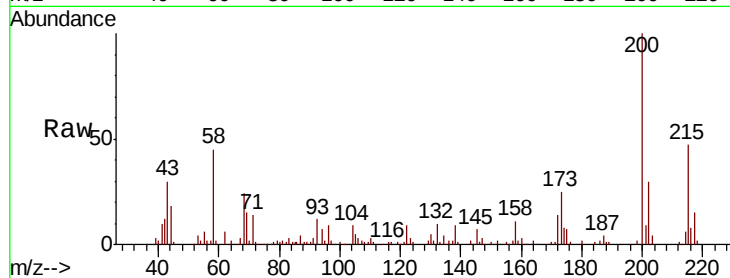
Tot Ion:200 Resp: 92376

Ion Ratio Lower Upper

200 100

173 24.7 4.8 44.8

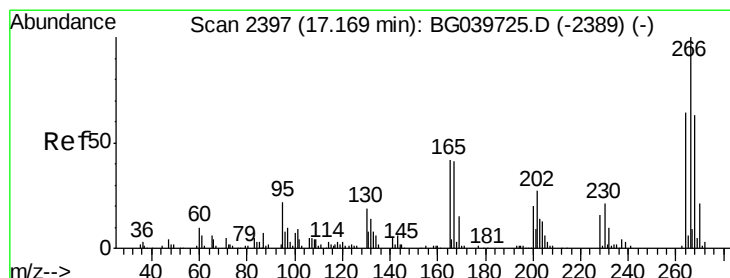
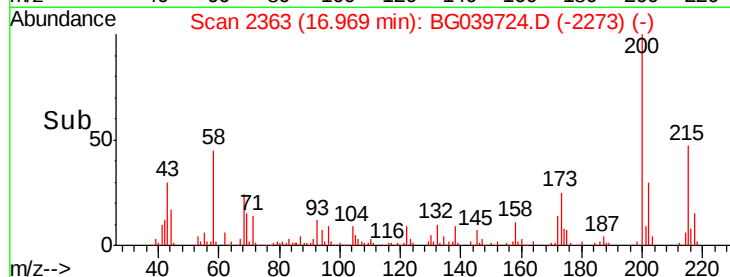
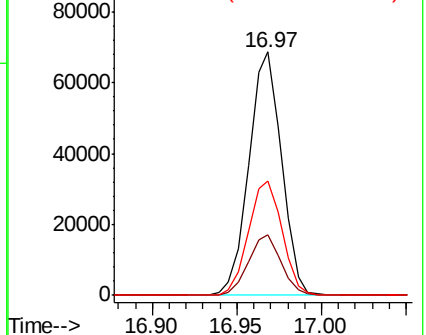
215 46.9 29.1 69.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 22.892 ng

RT: 17.17 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

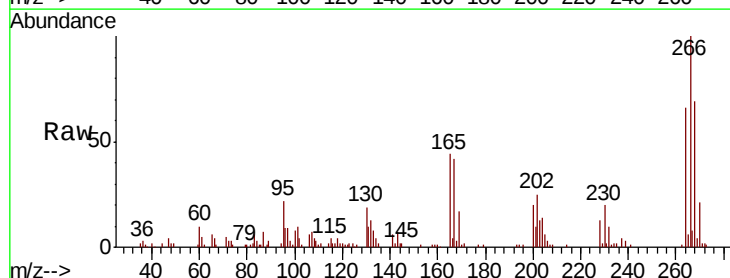
Tgt Ion:266 Resp: 55893

Ion Ratio Lower Upper

266 100

268 68.8 50.5 75.7

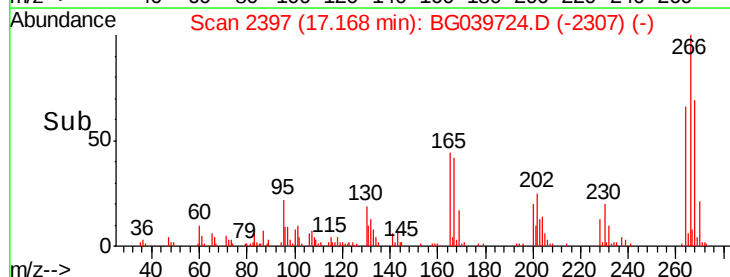
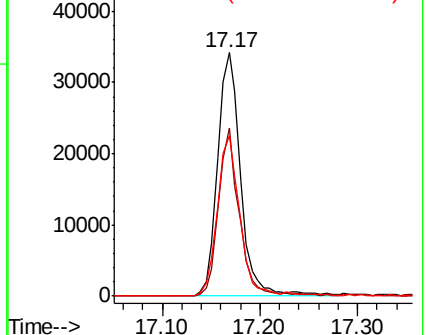
264 65.8 51.3 76.9

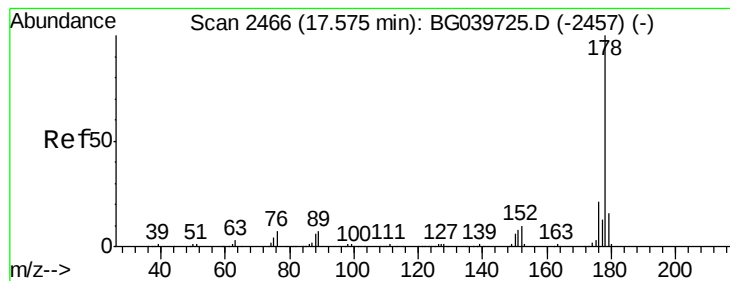


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 27.029 ng

RT: 17.57 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Instrument :

BNA_G

ClientSampleId :

SSTDIC025

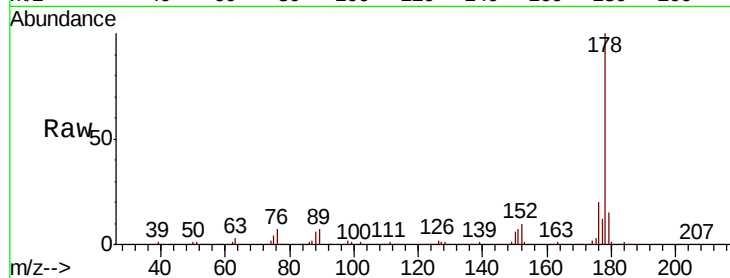
Tot Ion:178 Resp: 441528

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.5	24.7
179	15.4	12.8	19.2

178 100

176 20.1 16.5 24.7

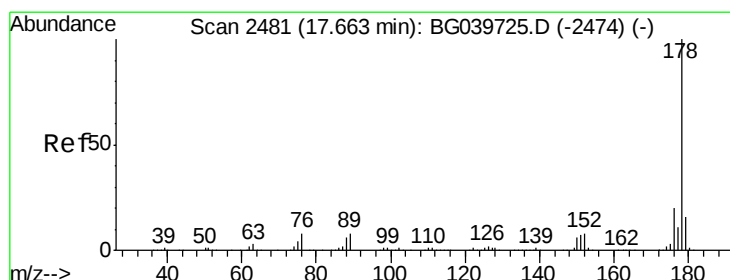
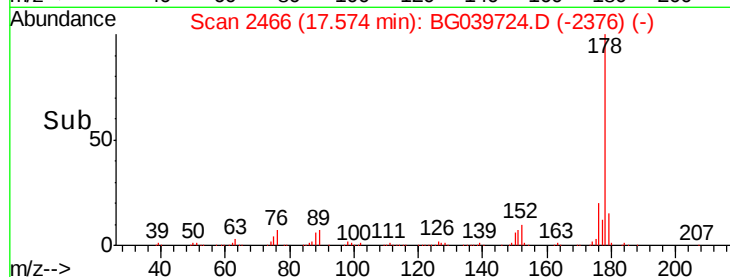
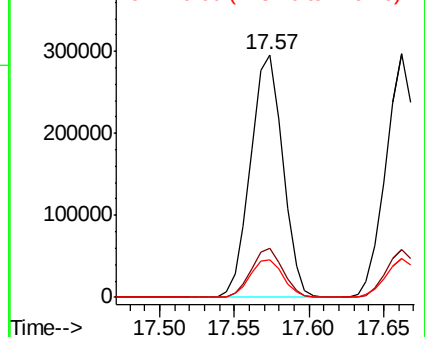
179 15.4 12.8 19.2



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: 27.139 ng

RT: 17.66 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

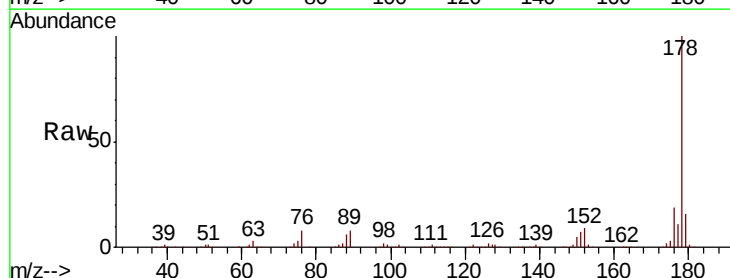
Tgt Ion:178 Resp: 436672

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	16.1	12.8	19.2

178 100

176 19.4 15.7 23.5

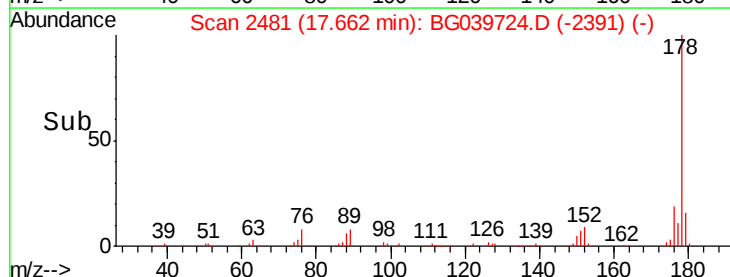
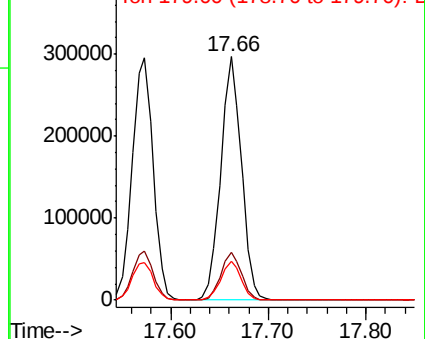
179 16.1 12.8 19.2

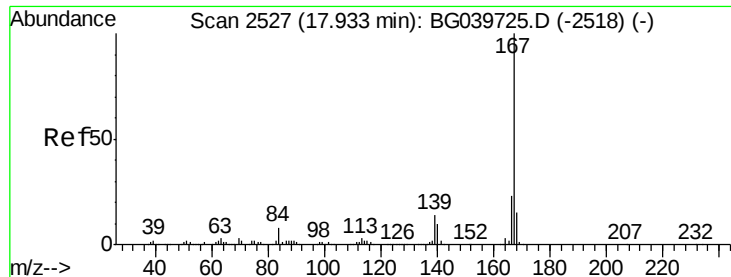


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

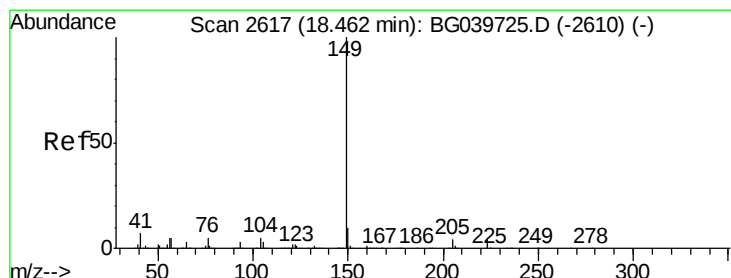
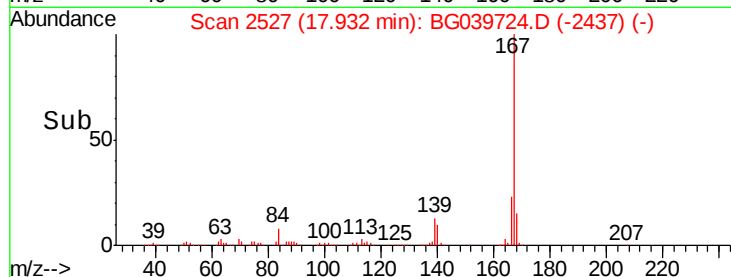
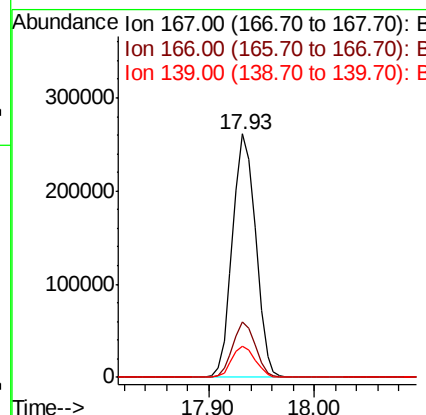
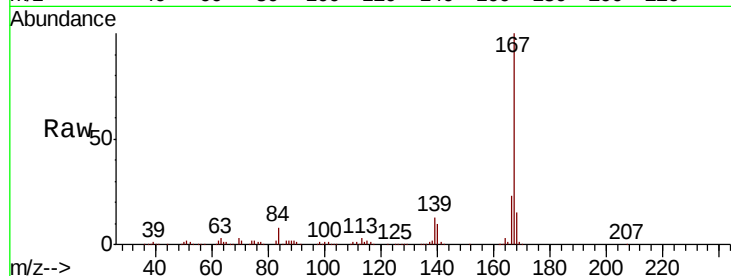




#73
 Carbazole
 Concen: 24.732 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG039724.D
 Acq: 4 Mar 2019 10:20

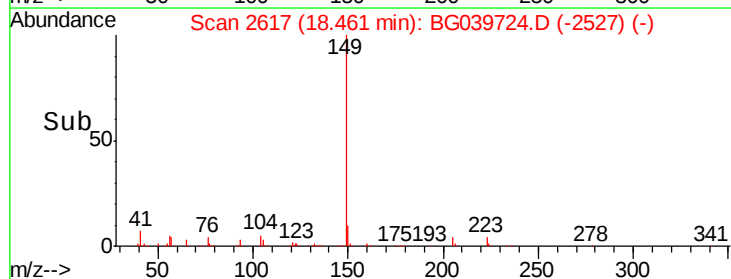
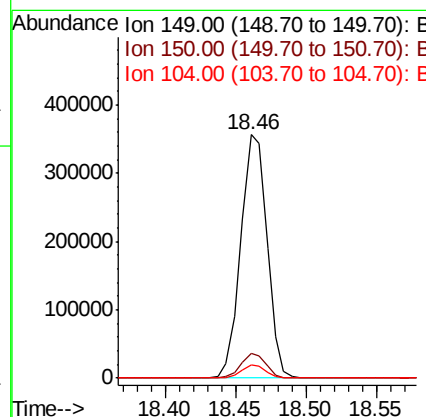
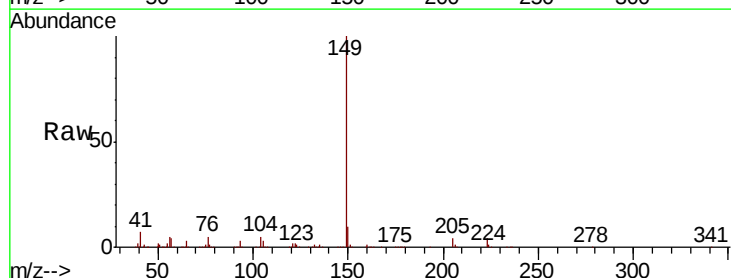
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC025

Tot Ion:167 Resp: 397138
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.4 27.6
 139 12.9 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 24.728 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.00 min
 Lab File: BG039724.D
 Acq: 4 Mar 2019 10:20

Tgt Ion:149 Resp: 463245
 Ion Ratio Lower Upper
 149 100
 150 9.9 8.0 12.0
 104 5.5 4.1 6.1





#75

Fluoranthene

Concen: 28.020 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Instrument :

BNA_G

ClientSampleId :

SSTDIC025

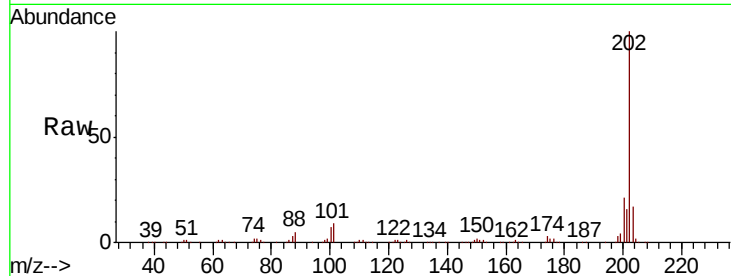
Tot Ion:202 Resp: 531261

Ion Ratio Lower Upper

202 100

101 8.9 0.0 29.6

203 17.4 0.0 38.3

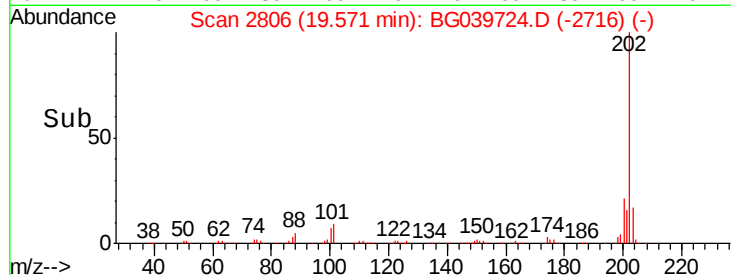


Abundance Ion 202.00 (201.70 to 202.70): E

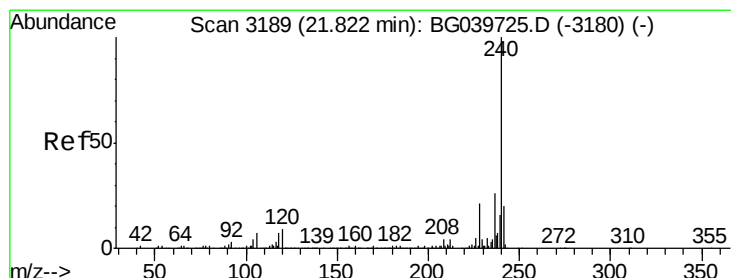
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.57



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

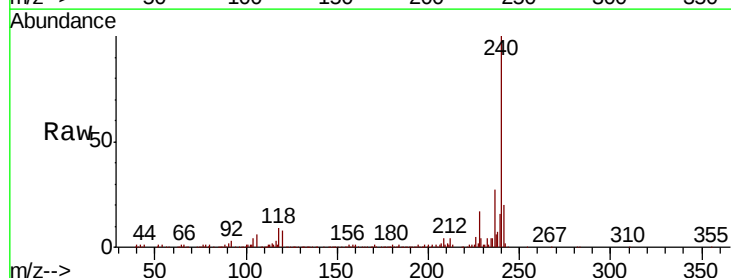
Tgt Ion:240 Resp: 315453

Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

236 26.8 20.9 31.3

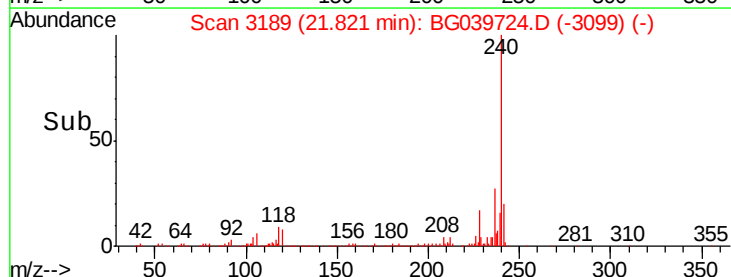


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.82



Time-->



#77

Benzidine

Concen: 26.498 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Instrument :

BNA_G

ClientSampleId :

SSTDIC025

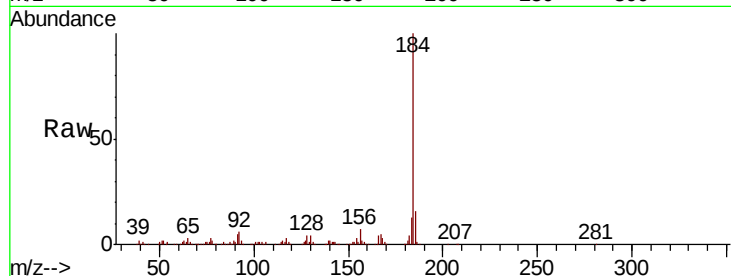
Tot Ion:184 Resp: 274048

Ion Ratio Lower Upper

184 100

185 16.0 13.1 19.7

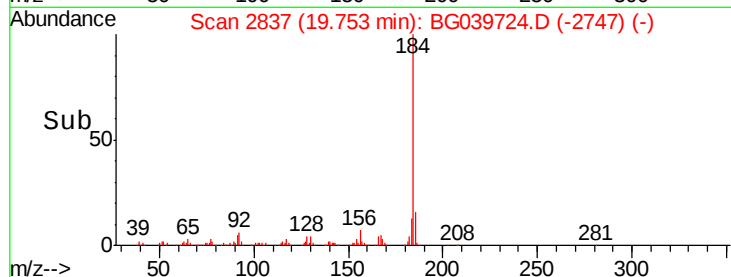
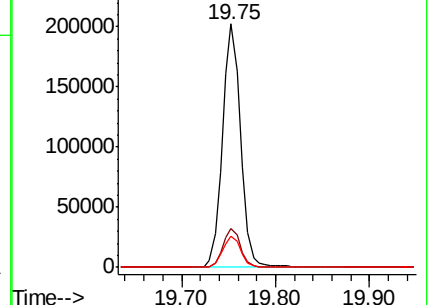
183 13.0 10.5 15.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 27.396 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

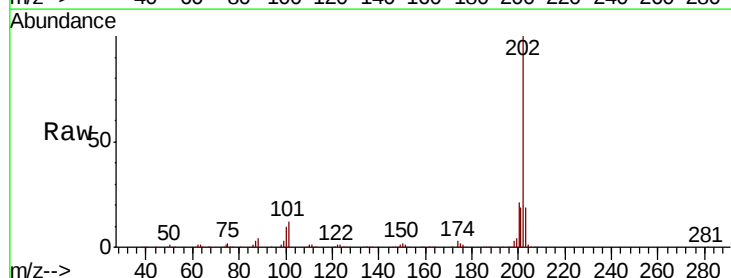
Tgt Ion:202 Resp: 538003

Ion Ratio Lower Upper

202 100

200 21.5 18.1 27.1

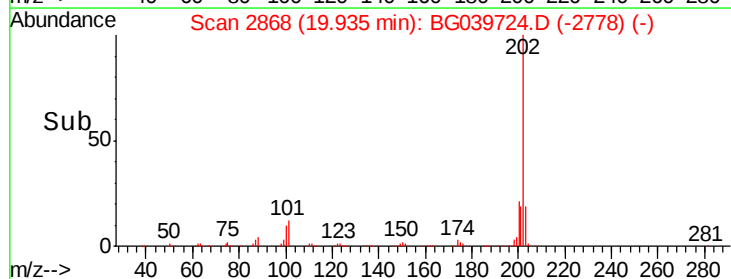
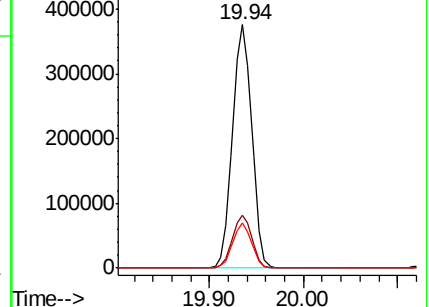
203 18.5 14.9 22.3



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: 50.580 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Instrument :

BNA_G

ClientSampleId :

SSTDIC025

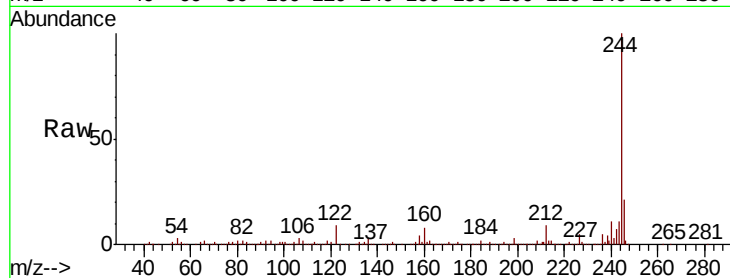
Tot Ion:244 Resp: 753807

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.0

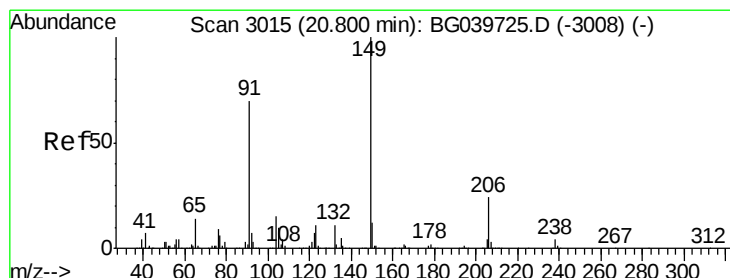
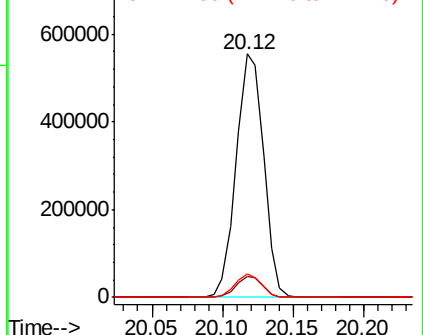
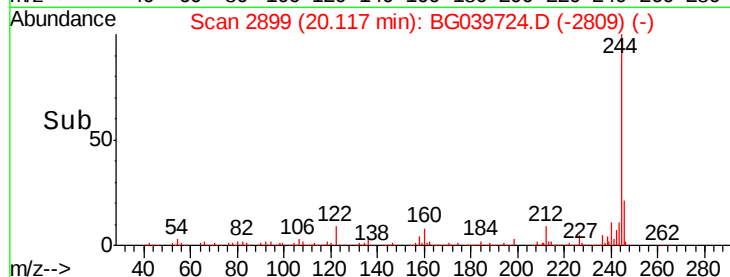
122 9.4 7.8 11.6



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: 24.940 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

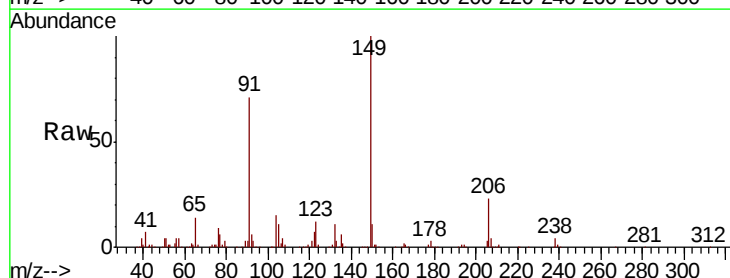
Tgt Ion:149 Resp: 206601

Ion Ratio Lower Upper

149 100

91 70.8 56.1 84.1

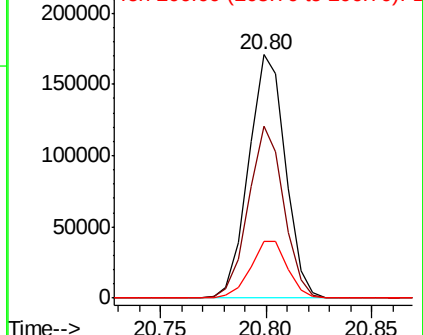
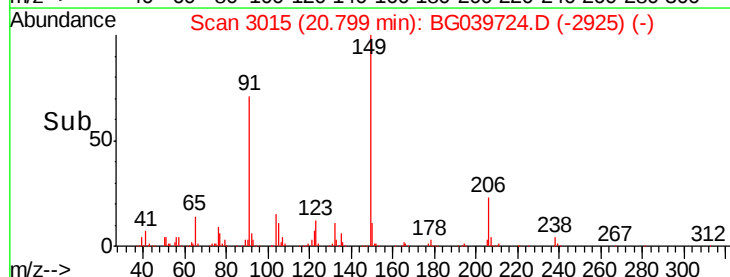
206 23.3 19.0 28.6



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: 26.890 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Instrument :

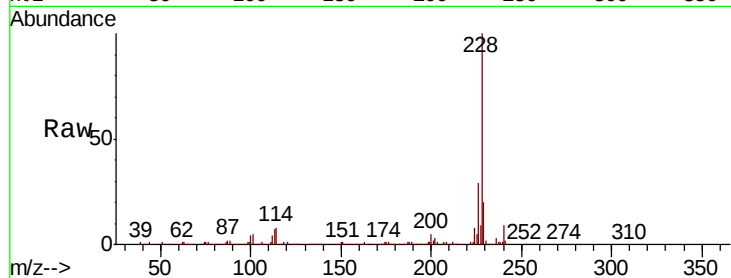
BNA_G

ClientSampleId :

SSTDIC025

Tot Ion:228 Resp: 501223

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.4
229	20.2	17.0	25.4

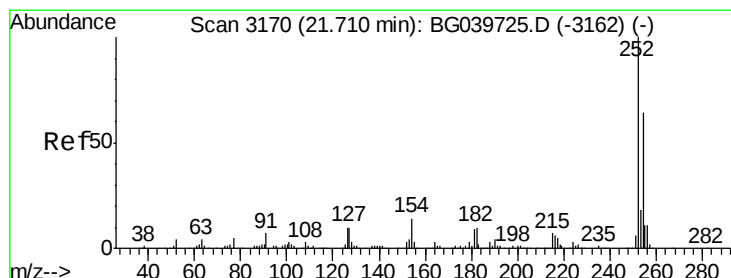
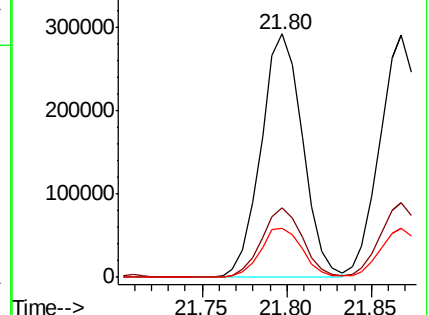
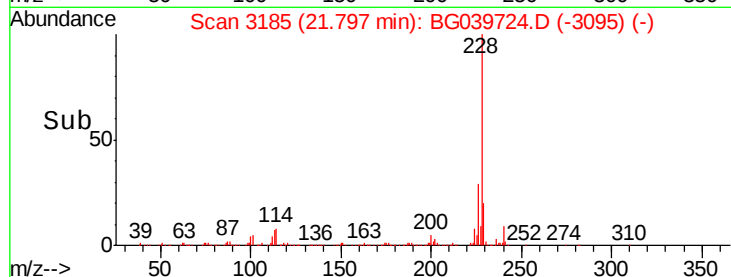


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.493 ng

RT: 21.71 min Scan# 3170

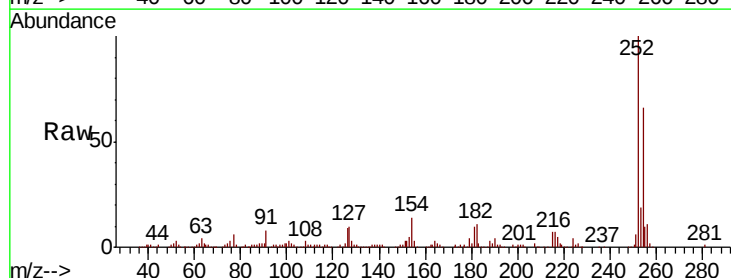
Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Tgt Ion:252 Resp: 190019

Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.5	77.3
126	9.5	8.0	12.0

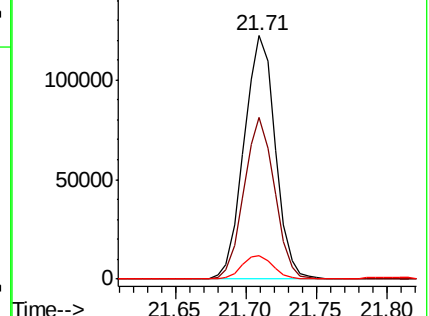
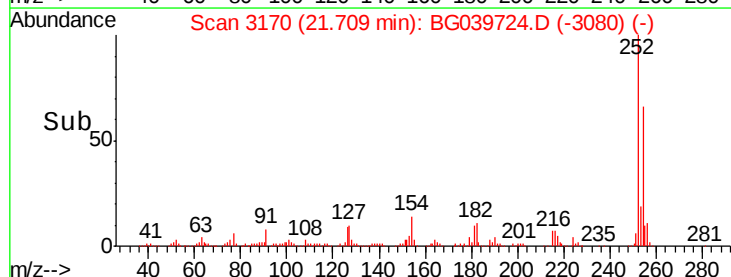


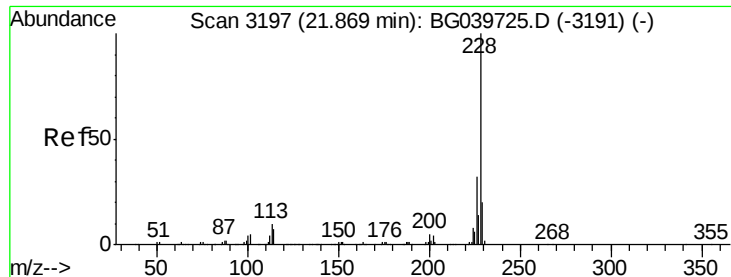
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 27.721 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

Instrument :

BNA_G

ClientSampleId :

SSTDIC025

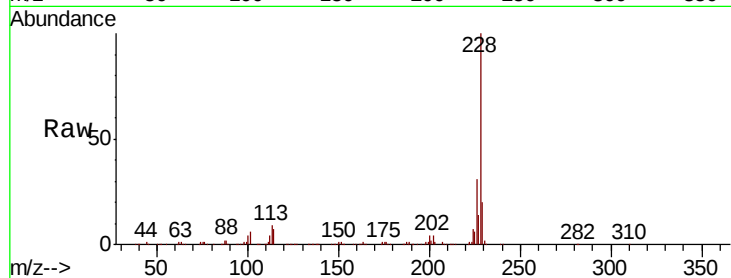
Tot Ion:228 Resp: 491882

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.3	37.9
229	20.3	16.3	24.5

228 100

226 31.1 25.3 37.9

229 20.3 16.3 24.5

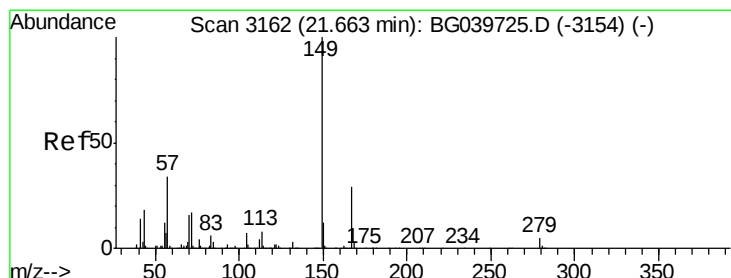
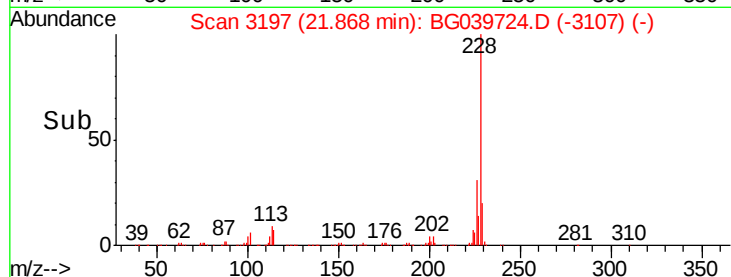
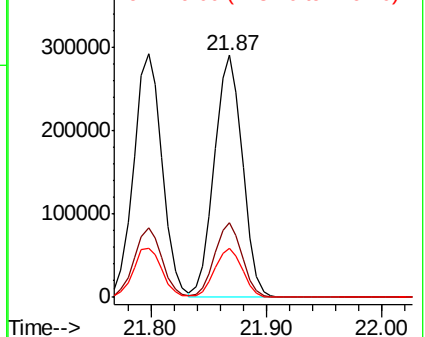


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 24.880 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG039724.D

Acq: 4 Mar 2019 10:20

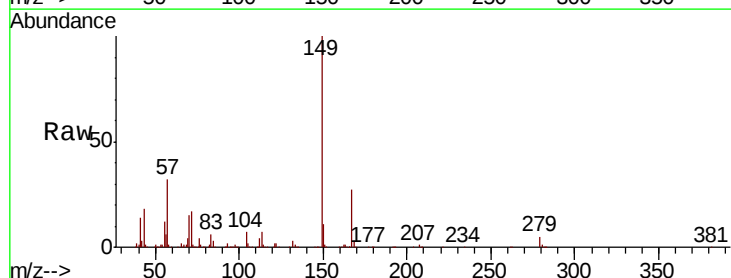
Tgt Ion:149 Resp: 294043

Ion	Ratio	Lower	Upper
149	100		
167	27.4	23.0	34.6
279	4.6	3.9	5.9

149 100

167 27.4 23.0 34.6

279 4.6 3.9 5.9

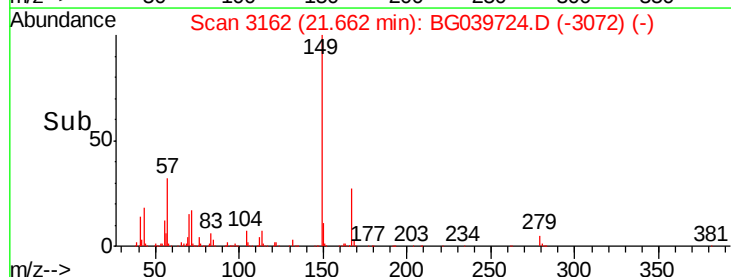
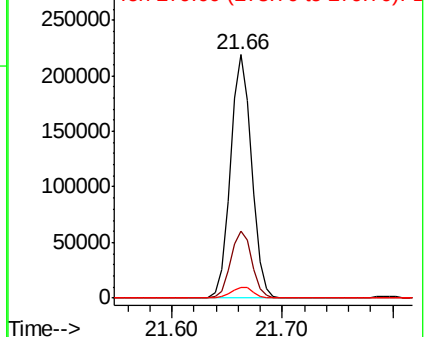


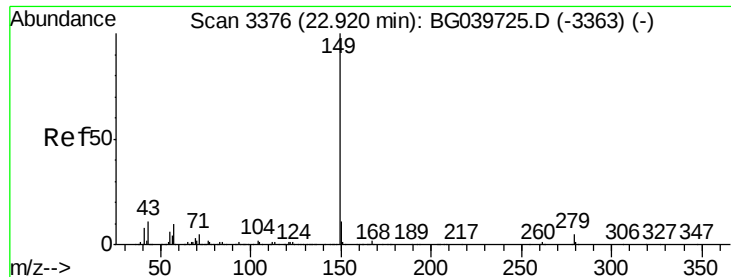
Abundance

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

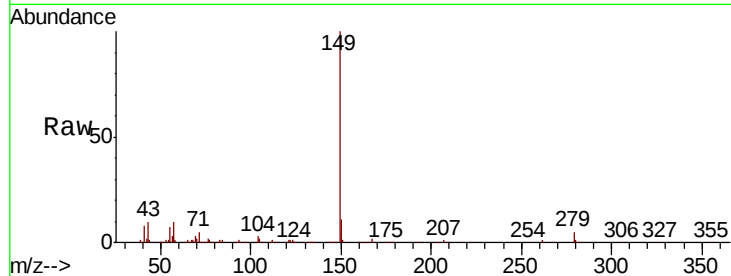




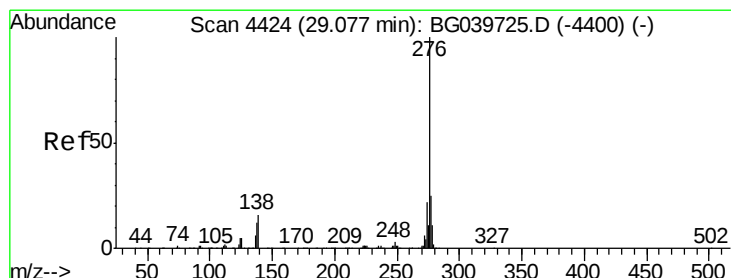
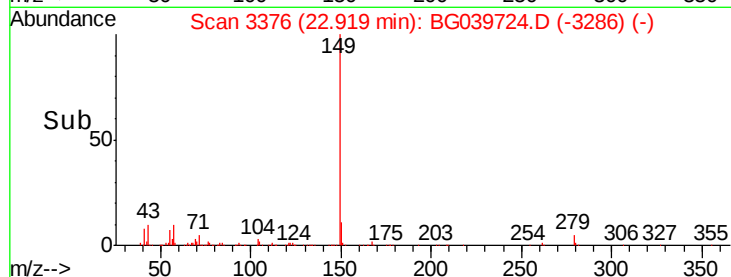
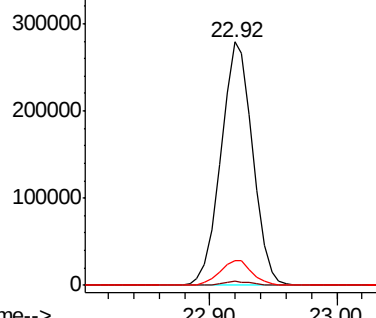
#85
Di-n-octyl phthalate
Concen: 24.878 ng
RT: 22.92 min Scan# 3376
Delta R.T. -0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Instrument :
BNA_G
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.4	8.5	12.7

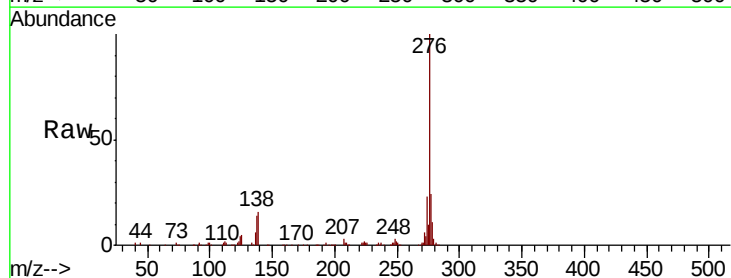


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

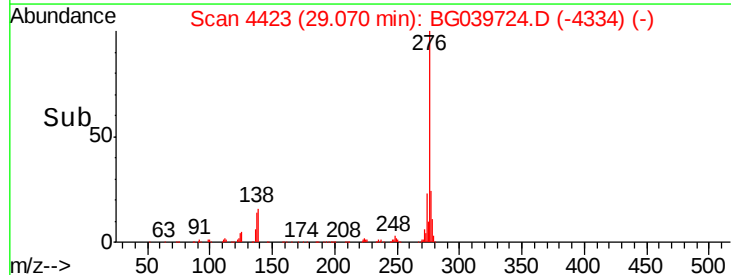
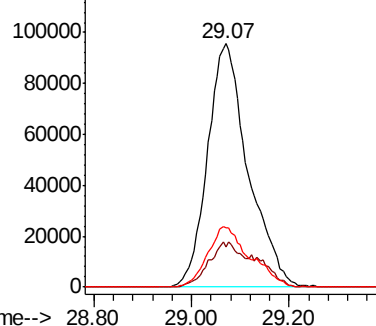


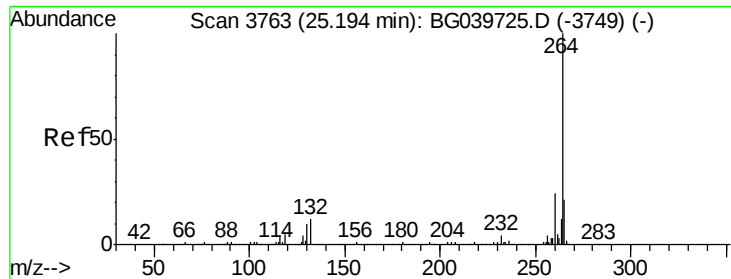
#86
Indeno(1,2,3-cd)pyrene
Concen: 28.969 ng
RT: 29.07 min Scan# 4423
Delta R.T. -0.01 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	12.2	18.2
277	25.9	20.5	30.7



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



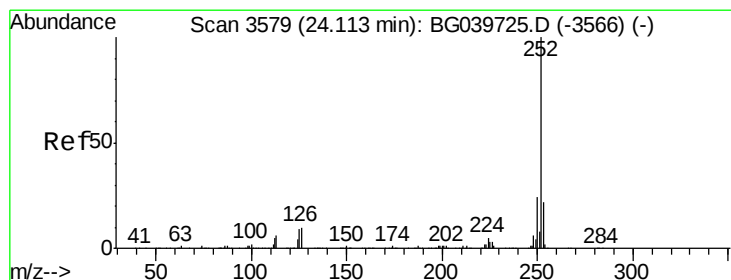
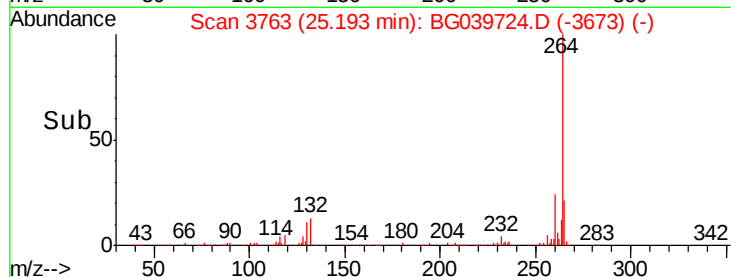
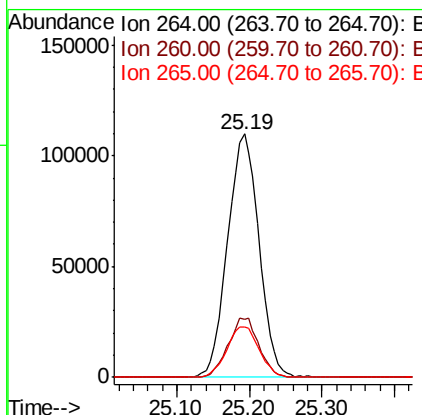
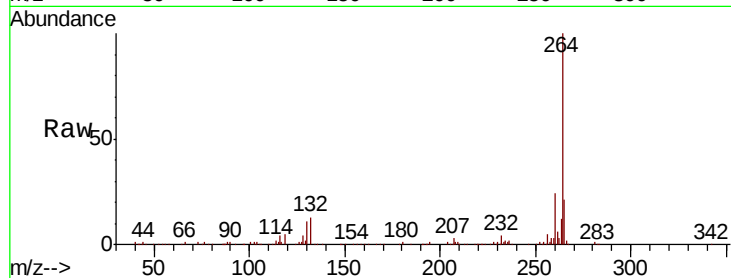


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3763
Delta R.T. -0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Instrument :
BNA_G
ClientSampleId :
SSTDIC025

Tot Ion:264 Resp: 330408

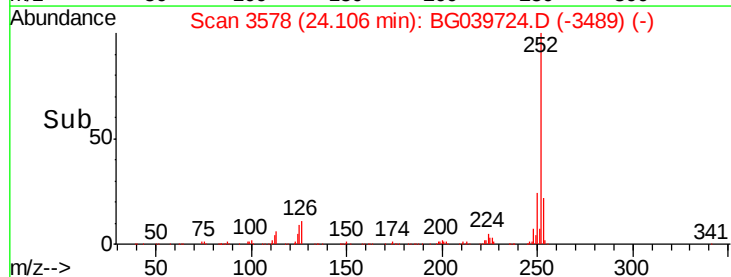
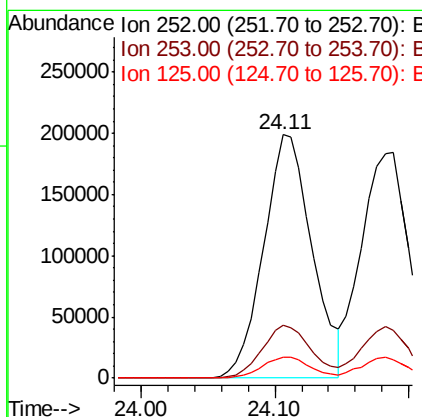
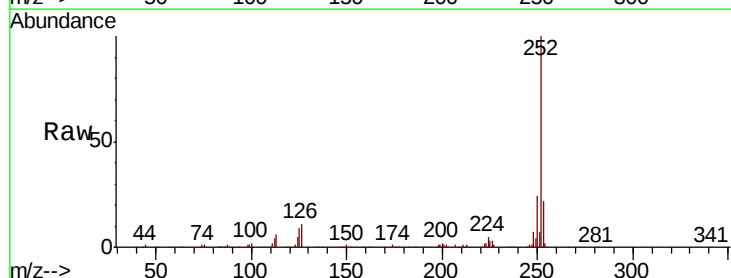
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.9	16.6	25.0

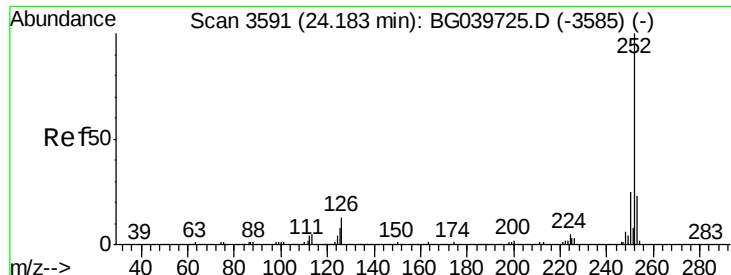


#88
Benzo(b)fluoranthene
Concen: 27.827 ng
RT: 24.11 min Scan# 3578
Delta R.T. -0.01 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Tgt Ion:252 Resp: 501407

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	8.8	6.9	10.3

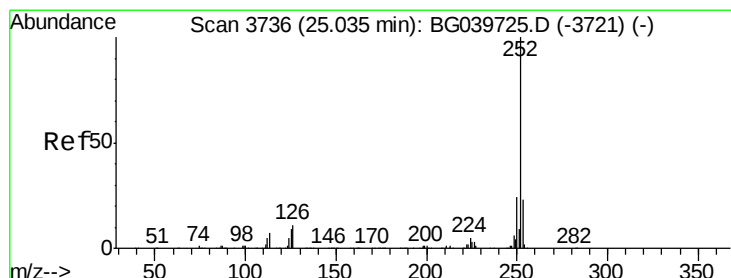
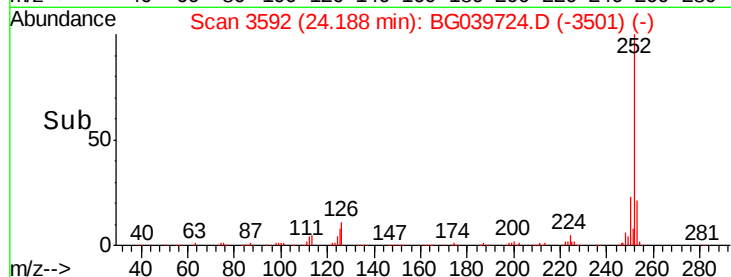
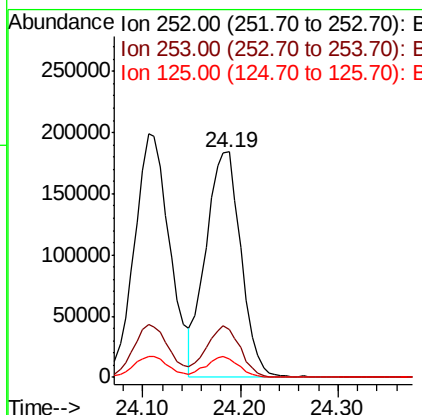
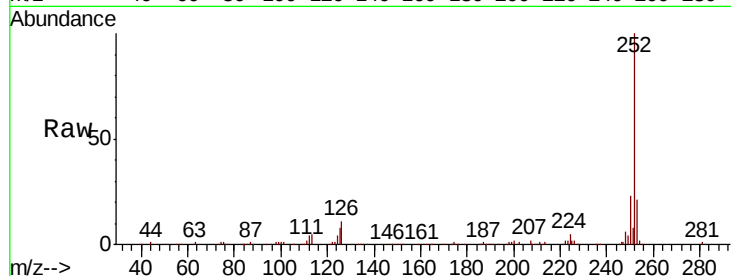




#89
Benzo(k)fluoranthene
Concen: 25.318 ng
RT: 24.19 min Scan# 3592
Delta R.T. 0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

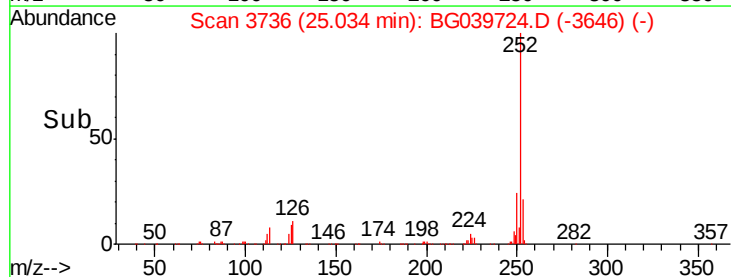
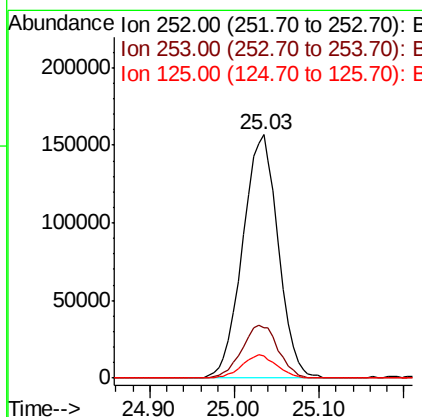
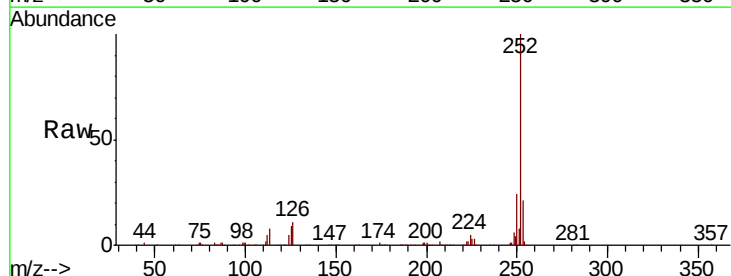
Instrument :
BNA_G
ClientSampleId :
SSTDICC025

Tot Ion:252 Resp: 458012
Ion Ratio Lower Upper
252 100
253 21.4 18.3 27.5
125 8.0 6.5 9.7



#90
Benzo(a)pyrene
Concen: 26.428 ng
RT: 25.03 min Scan# 3736
Delta R.T. -0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Tgt Ion:252 Resp: 458628
Ion Ratio Lower Upper
252 100
253 20.9 18.3 27.5
125 9.3 7.4 11.2

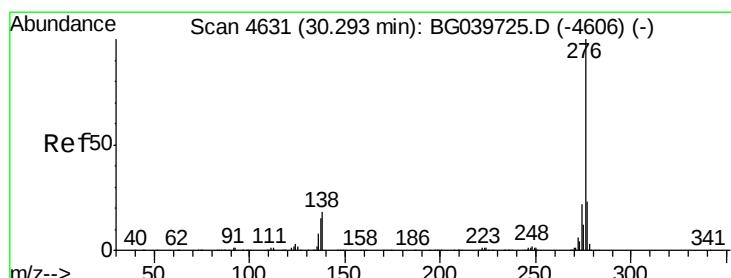
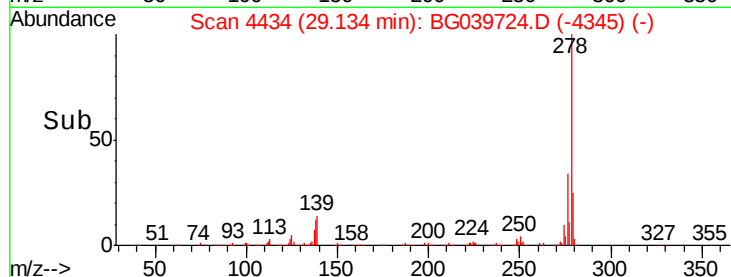
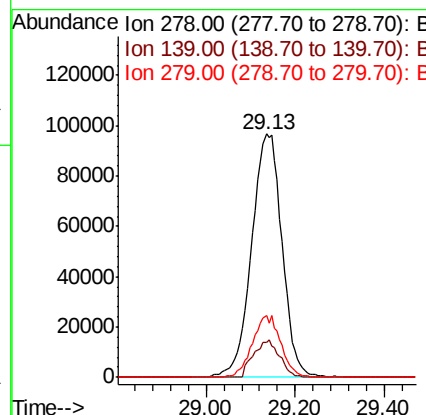
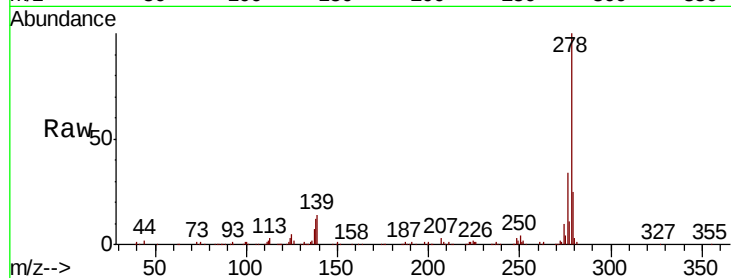




#91
Dibenzo(a,h)anthracene
Concen: 27.827 ng
RT: 29.13 min Scan# 4434
Delta R.T. -0.01 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Instrument :
BNA_G
ClientSampleId :
SSTDIC025

Tot Ion:278 Resp: 452238
Ion Ratio Lower Upper
278 100
139 14.2 10.5 15.7
279 25.2 20.2 30.4



#92
Benzo(g,h,i)perylene
Concen: 27.946 ng
RT: 30.29 min Scan# 4631
Delta R.T. -0.00 min
Lab File: BG039724.D
Acq: 4 Mar 2019 10:20

Tgt Ion:276 Resp: 452677
Ion Ratio Lower Upper
276 100
277 23.4 18.3 27.5
138 17.9 14.4 21.6

