

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032019\
 Data File : BG040038.D
 Acq On : 20 Mar 2019 16:23
 Operator : JU/SJ
 Sample : PB118051BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 21 09:28:04 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 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	44566	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	194718	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	131560	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	328067	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	312341	20.00	ng	-0.03
87) Perylene-d12	25.16	264	301336	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	392554	150.27	ng	-0.02
7) Phenol-d6	7.30	99	560492	143.90	ng	-0.02
23) Nitrobenzene-d5	9.32	82	339476	94.29	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	229580	149.72	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	824235	89.20	ng	-0.02
79) Terphenyl-d14	20.11	244	1268778	89.44	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	29935	24.821	ng	98
3) Pyridine	3.98	79	93754	29.037	ng	99
4) n-Nitrosodimethylamine	3.90	42	55574	36.283	ng	# 79
6) Aniline	7.47	93	141714	27.770	ng	98
8) 2-Chlorophenol	7.71	128	132939	41.947	ng	94
9) Benzaldehyde	7.28	77	65431	26.041	ng	95
10) Phenol	7.33	94	181615	43.041	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	127546	38.769	ng	99
12) 1,3-Dichlorobenzene	8.03	146	136759	38.155	ng	95
13) 1,4-Dichlorobenzene	8.18	146	140801	38.566	ng	95
14) 1,2-Dichlorobenzene	8.50	146	135975	38.547	ng	97
15) Benzyl Alcohol	8.38	79	125870	40.737	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	245420	37.299	ng	97
17) 2-Methylphenol	8.58	107	117644	43.724	ng	97
18) Hexachloroethane	9.22	117	50434	38.499	ng	97
19) n-Nitroso-di-n-propylamine	8.95	70	107919	38.493	ng	89
20) 3+4-Methylphenols	8.91	107	162798	43.554	ng	99
22) Acetophenone	8.97	105	204729	39.174	ng	# 95
24) Nitrobenzene	9.36	77	159895	42.334	ng	95
25) Isophorone	9.87	82	309043	40.967	ng	99
26) 2-Nitrophenol	10.07	139	80135	43.944	ng	97
27) 2,4-Dimethylphenol	10.12	122	137427	48.455	ng	98
28) bis(2-Chloroethoxy)methane	10.36	93	189104	41.250	ng	96
29) 2,4-Dichlorophenol	10.60	162	150358	47.087	ng	95
30) 1,2,4-Trichlorobenzene	10.82	180	149556	41.622	ng	100
31) Naphthalene	11.01	128	420947	40.831	ng	99
32) Benzoic acid	10.26	122	72254	38.602	ng	98
33) 4-Chloroaniline	11.13	127	53664	12.275	ng	98
34) Hexachlorobutadiene	11.27	225	100188	40.803	ng	96
35) Caprolactam	11.91	113	28033	22.982	ng	90
36) 4-Chloro-3-methylphenol	12.23	107	164113	44.834	ng	97
37) 2-Methylnaphthalene	12.61	142	320306	41.557	ng	99
38) 1-Methylnaphthalene	12.82	142	308823	41.229	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	181180	40.651	ng	99

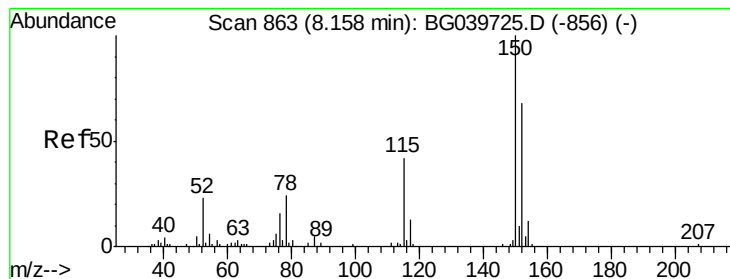
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032019\
 Data File : BG040038.D
 Acq On : 20 Mar 2019 16:23
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	245839	102.927	nq	97
43) 2,4,6-Trichlorophenol	13.21	196	126326	48.413	nq	97
44) 2,4,5-Trichlorophenol	13.28	196	137242	46.662	nq	100
46) 1,1'-Biphenyl	13.60	154	438915	40.563	nq	98
47) 2-Chloronaphthalene	13.65	162	341147	41.908	nq	99
48) 2-Nitroaniline	13.86	65	119536	45.694	nq	93
49) Acenaphthylene	14.50	152	556419	41.638	nq	99
50) Dimethylphthalate	14.22	163	472507	42.952	nq	100
51) 2,6-Dinitrotoluene	14.35	165	107479	46.086	nq	95
52) Acenaphthene	14.83	154	337282	41.935	nq	97
53) 3-Nitroaniline	14.68	138	50025	21.339	nq	# 92
54) 2,4-Dinitrophenol	14.89	184	135580	91.385	nq	97
55) Dibenzofuran	15.17	168	553810	41.968	nq	98
56) 4-Nitrophenol	14.99	139	179916	85.791	nq	90
57) 2,4-Dinitrotoluene	15.13	165	151062	46.099	nq	86
58) Fluorene	15.81	166	442531	42.659	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.38	232	134957	46.984	nq	98
60) Diethylphthalate	15.57	149	482634	44.319	nq	99
61) 4-Chlorophenyl-phenylether	15.80	204	234442	42.351	nq	98
62) 4-Nitroaniline	15.85	138	109944	43.260	nq	97
63) Azobenzene	16.09	77	423139	42.864	nq	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	97526	50.278	nq	96
66) n-Nitrosodiphenylamine	16.02	169	409025	43.066	nq	98
67) 4-Bromophenyl-phenylether	16.69	248	155950	42.468	nq	95
68) Hexachlorobenzene	16.81	284	160146	42.072	nq	99
69) Atrazine	16.96	200	152981	40.927	nq	98
70) Pentachlorophenol	17.16	266	215968	89.838	nq	98
71) Phenanthrene	17.56	178	745539	41.258	nq	100
72) Anthracene	17.65	178	753957	42.816	nq	98
73) Carbazole	17.92	167	653688	41.177	nq	99
74) Di-n-butylphthalate	18.45	149	807012	43.206	nq	100
75) Fluoranthene	19.56	202	874503	40.949	nq	98
77) Benzidine	19.74	184	265941	26.832	nq	98
78) Pyrene	19.92	202	884411	43.575	nq	99
80) Butylbenzylphthalate	20.78	149	362301	46.075	nq	97
81) Benzo(a)anthracene	21.78	228	848040	43.322	nq	100
82) 3,3'-Dichlorobenzidine	21.69	252	165846	23.206	nq	98
83) Chrysene	21.85	228	778181	41.005	nq	98
84) Bis(2-ethylhexyl)phthalate	21.64	149	499895	45.240	nq	99
85) Di-n-octyl phthalate	22.89	149	851197	46.524	nq	95
86) Indeno(1,2,3-cd)pyrene	29.01	276	928142	43.111	nq	# 93
88) Benzo(b)fluoranthene	24.08	252	797000	44.354	nq	98
89) Benzo(k)fluoranthene	24.16	252	791206	47.302	nq	99
90) Benzo(a)pyrene	25.00	252	793580	47.793	nq	98
91) Dibenzo(a,h)anthracene	29.09	278	746687	45.870	nq	99
92) Benzo(g,h,i)perylene	30.25	276	768153	46.985	nq	98

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

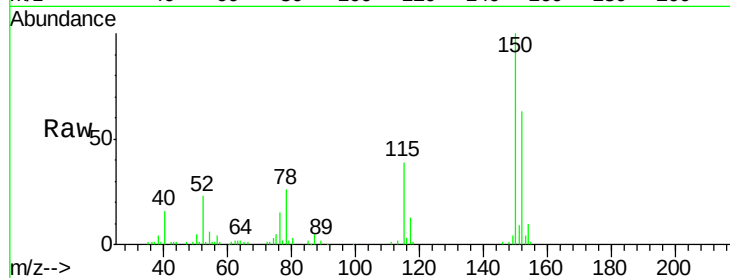


#1

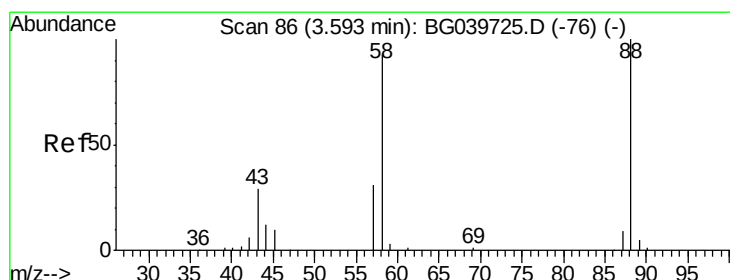
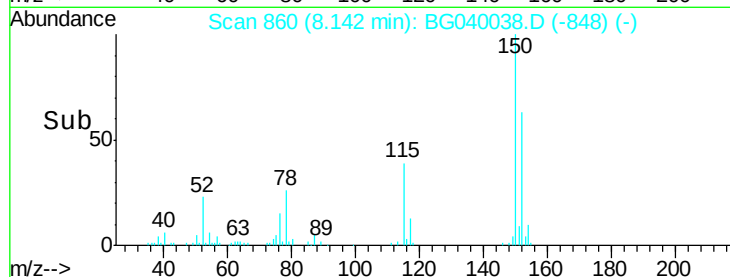
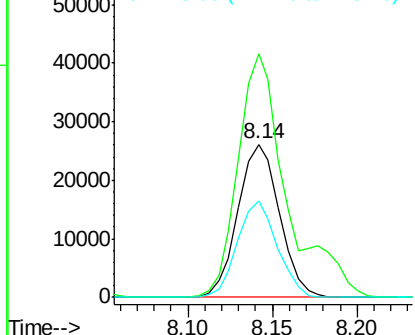
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 44566
Ion Ratio Lower Upper
152 100
150 159.1 123.7 185.5
115 62.6 45.9 68.9



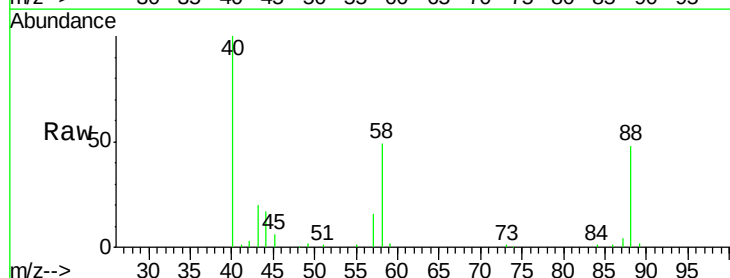
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



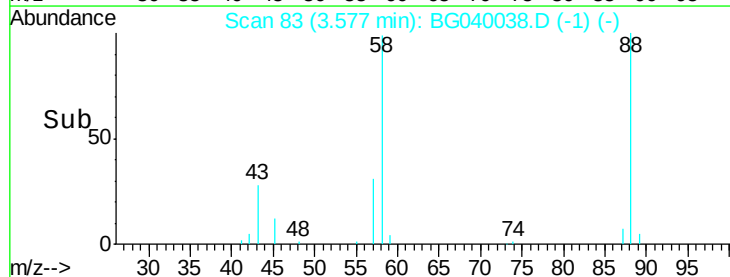
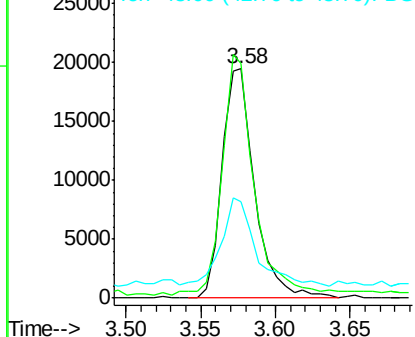
#2

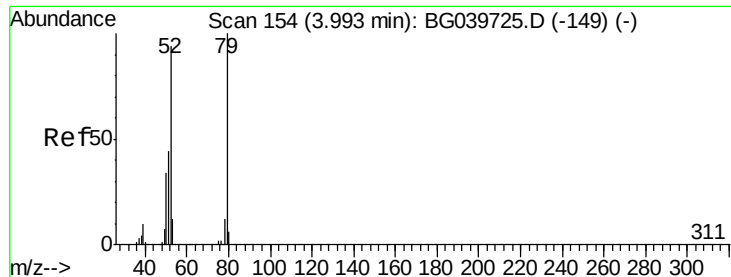
1,4-Dioxane
Concen: 24.821 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Tgt Ion: 88 Resp: 29935
Ion Ratio Lower Upper
88 100
58 102.7 81.1 121.7
43 41.5 31.4 47.0



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: 29.037 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

Instrument :

BNA_G

ClientSampleId :

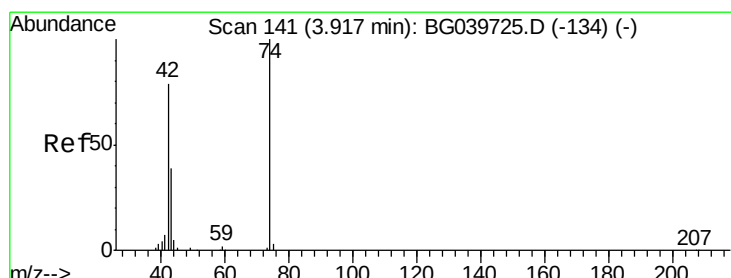
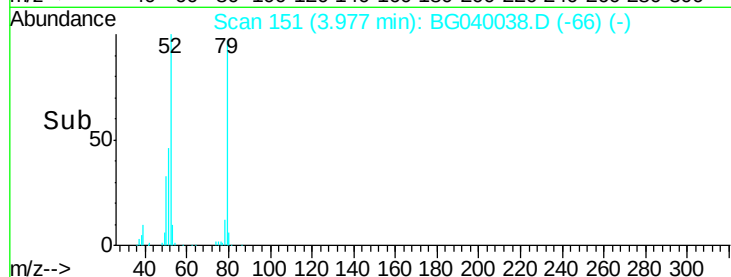
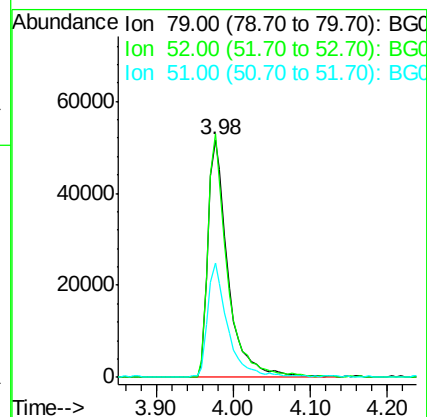
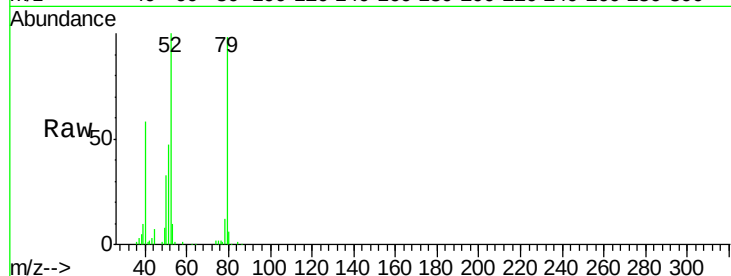
Tot Ion: 79 Resp: 93754

Ion Ratio Lower Upper

79 100

52 102.4 82.6 124.0

51 48.0 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 36.283 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

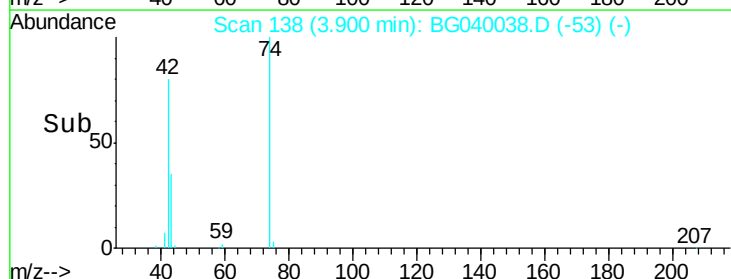
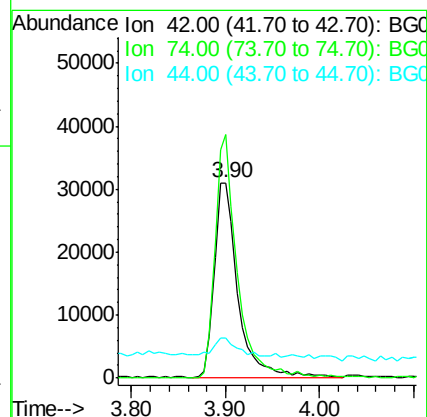
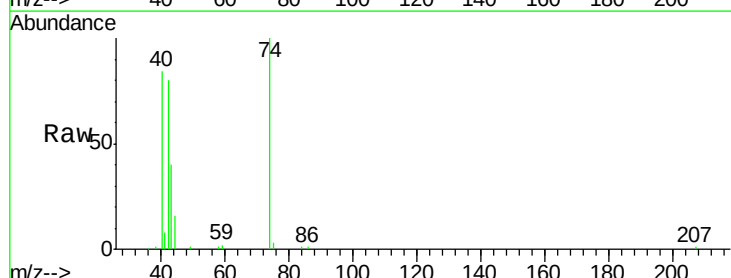
Tgt Ion: 42 Resp: 55574

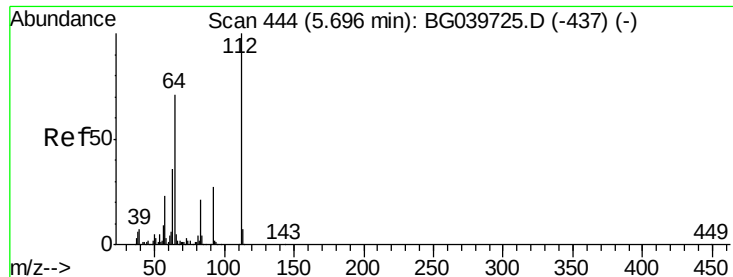
Ion Ratio Lower Upper

42 100

74 124.7 83.6 125.4

44 20.3 6.9 10.3#





#5

2-Fluorophenol

Concen: 150.272 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

Instrument :

BNA_G

ClientSampleId :

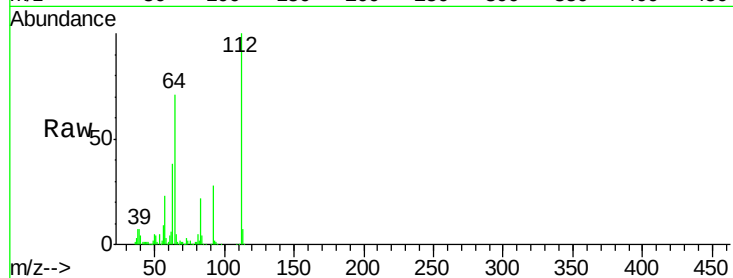
Tot Ion:112 Resp: 392554

Ion Ratio Lower Upper

112 100

64 70.6 57.8 86.8

63 37.5 29.8 44.6



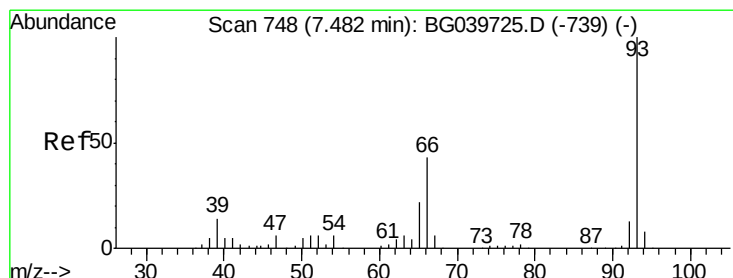
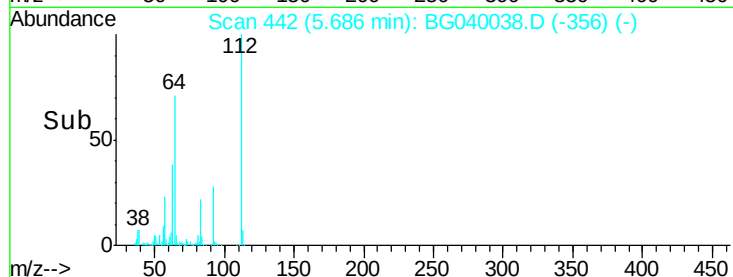
Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

5.69

Time-->



#6

Aniline

Concen: 27.770 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.03 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

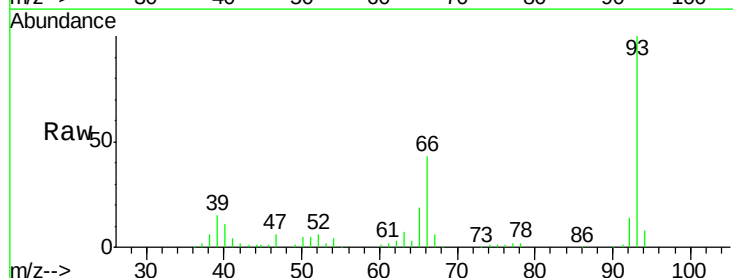
Tgt Ion: 93 Resp: 141714

Ion Ratio Lower Upper

93 100

66 42.9 34.2 51.4

65 18.8 17.7 26.5



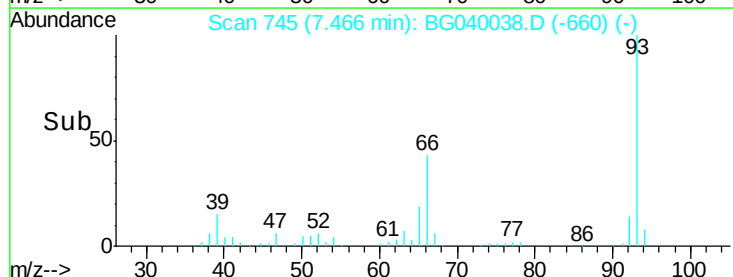
Abundance Ion 93.00 (92.70 to 93.70): BGC

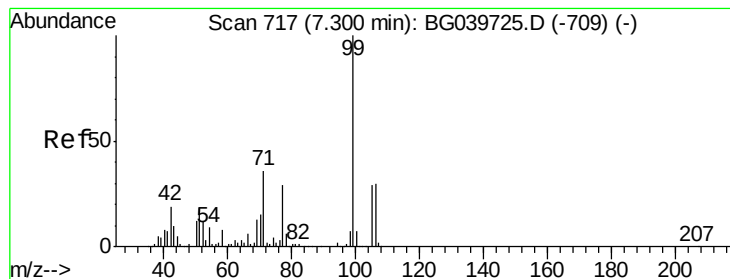
Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

7.47

Time-->





#7

Phenol-d6

Concen: 143.897 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

Instrument :

BNA_G

ClientSampleId :

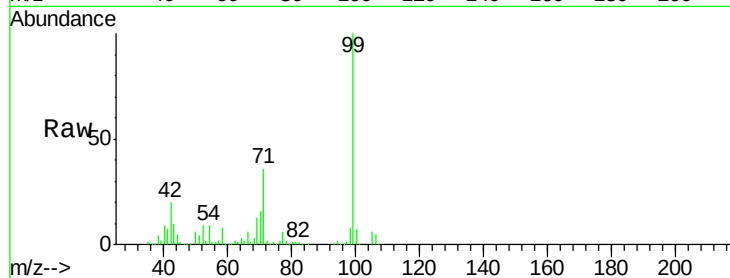
Tot Ion: 99 Resp: 560492

Ion Ratio Lower Upper

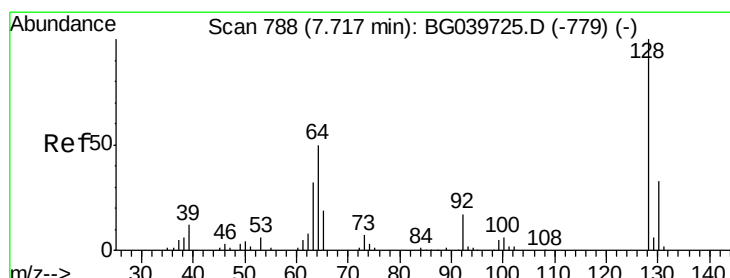
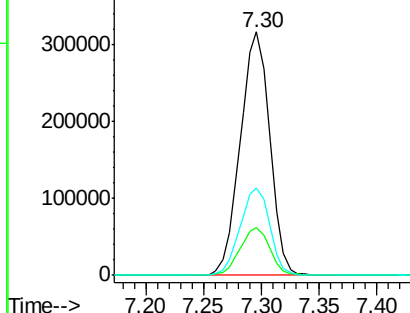
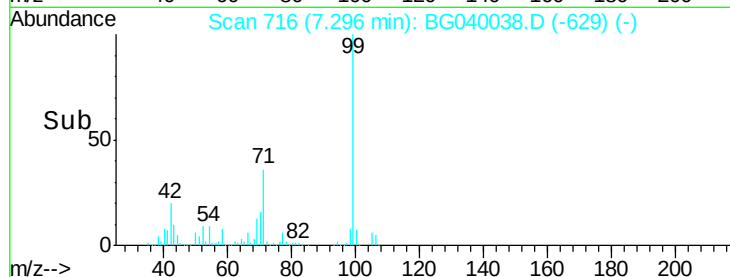
99 100

42 19.8 18.2 27.2

71 35.8 28.0 42.0



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: 41.947 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

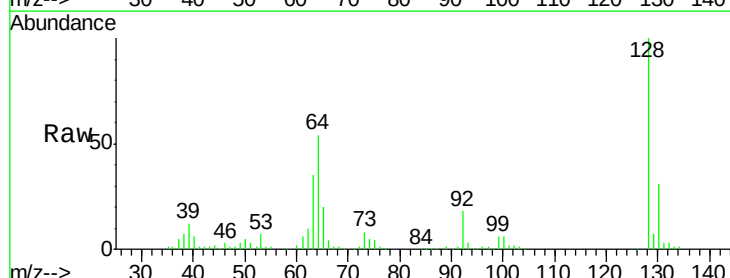
Tgt Ion: 128 Resp: 132939

Ion Ratio Lower Upper

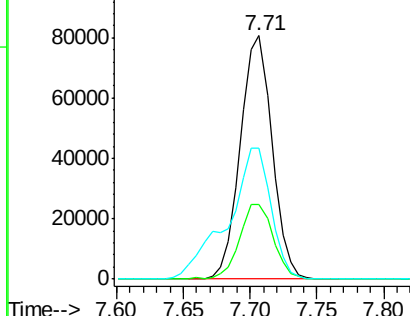
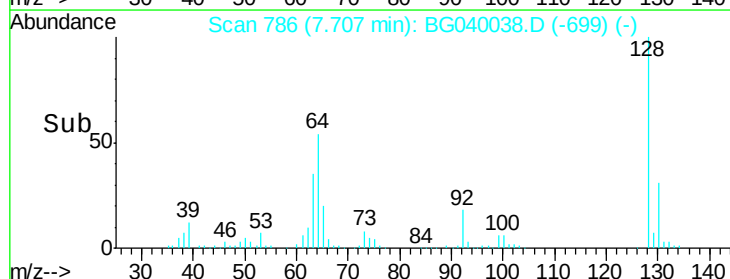
128 100

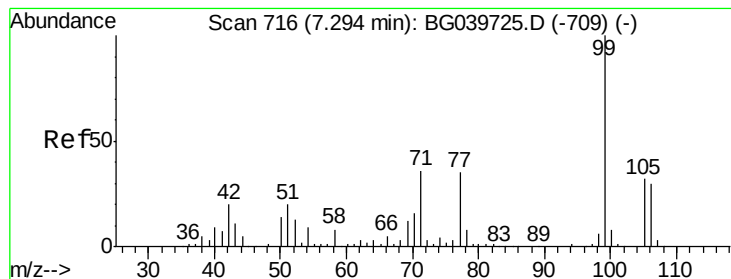
130 30.9 12.9 52.9

64 53.7 38.7 78.7



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





#9

Benzaldehyde

Concen: 26.041 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

Instrument :

BNA_G

ClientSampled :

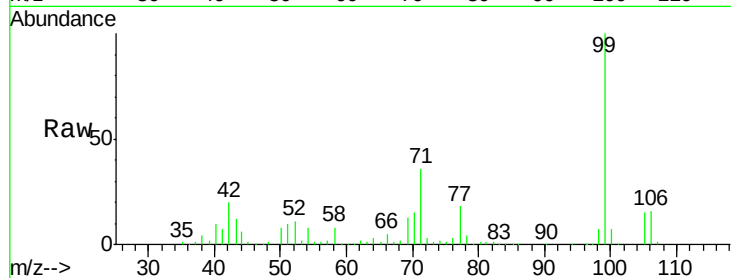
Tot Ion: 77 Resp: 65431

Ion Ratio Lower Upper

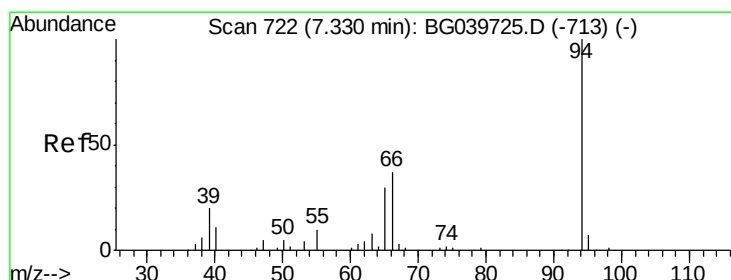
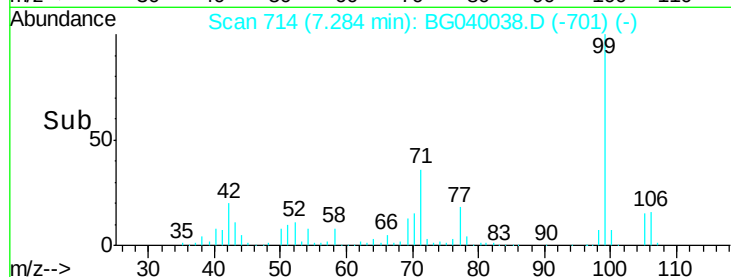
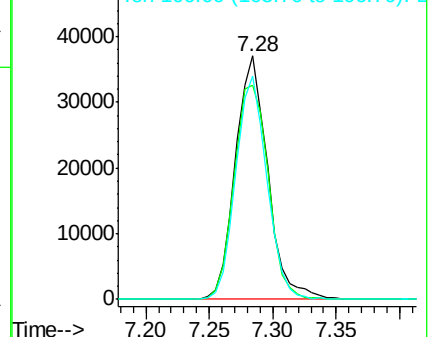
77 100

105 88.2 74.5 114.5

106 91.5 68.0 108.0



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: 43.041 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

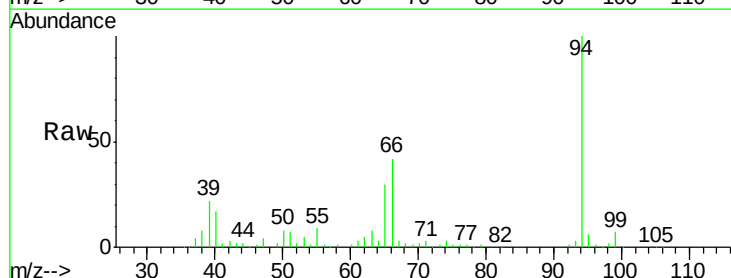
Tgt Ion: 94 Resp: 181615

Ion Ratio Lower Upper

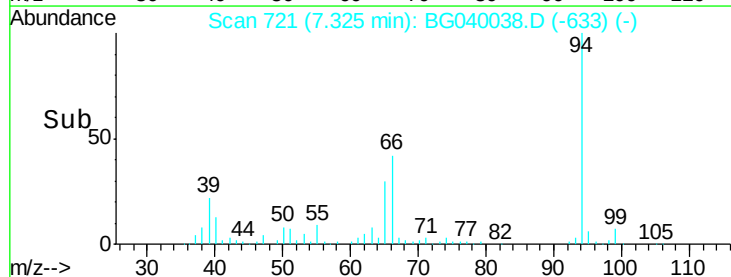
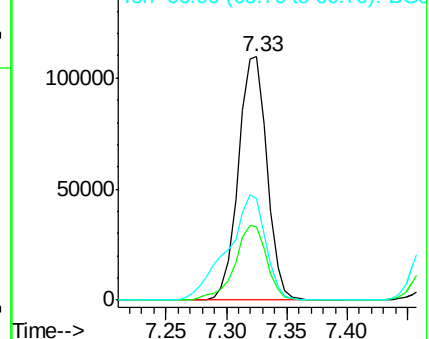
94 100

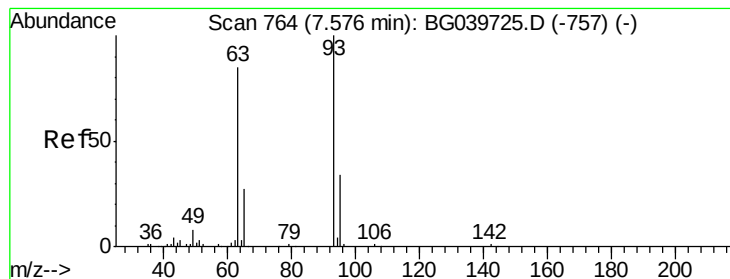
65 30.0 11.7 51.7

66 41.5 23.7 63.7



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: 38.769 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

Instrument :

BNA_G

ClientSampled :

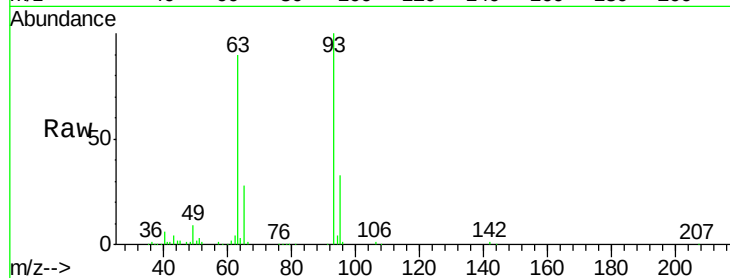
Tot Ion: 93 Resp: 127546

Ion Ratio Lower Upper

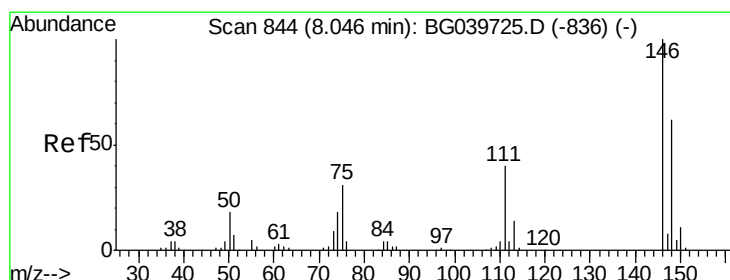
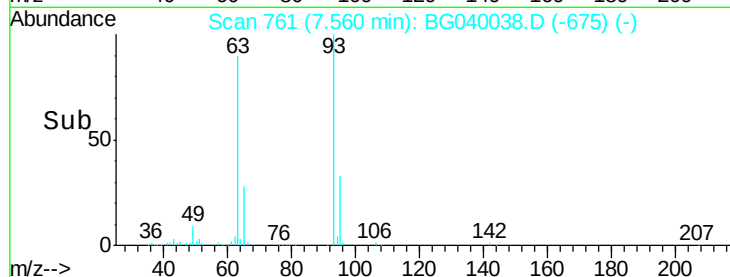
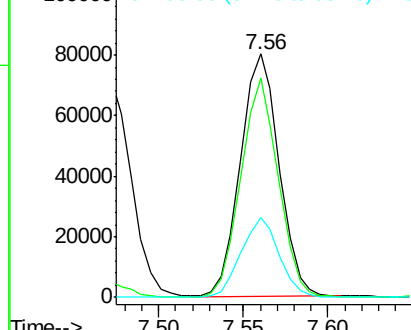
93 100

63 90.2 69.5 109.5

95 32.9 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 38.155 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

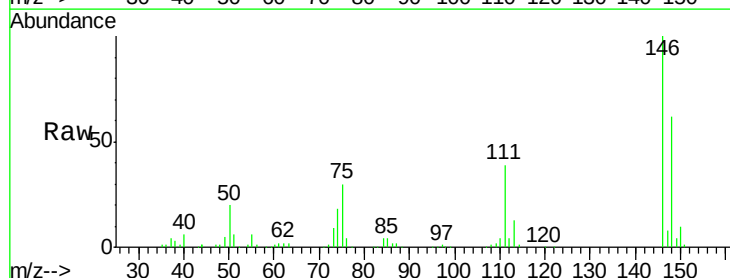
Tgt Ion: 146 Resp: 136759

Ion Ratio Lower Upper

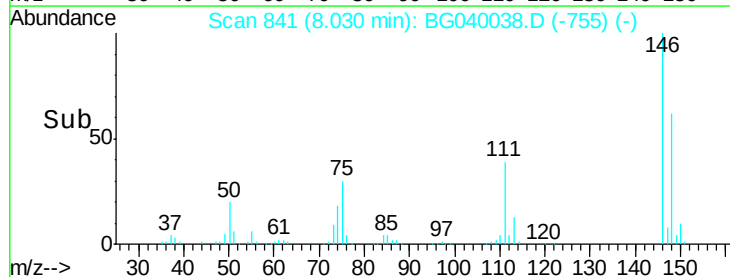
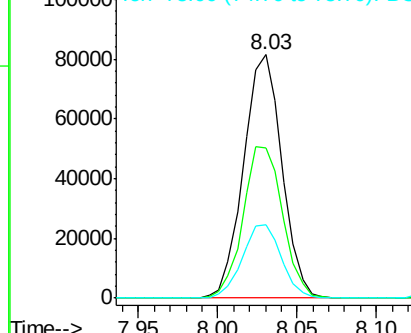
146 100

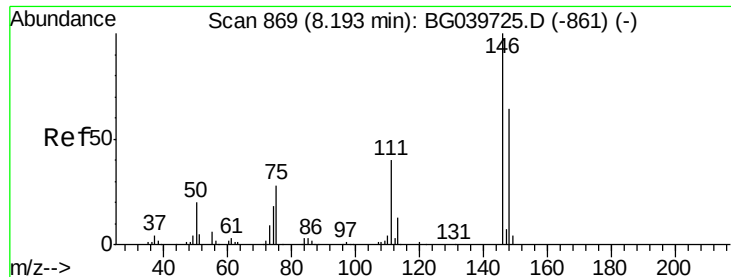
148 61.7 52.6 79.0

75 30.3 25.8 38.6



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

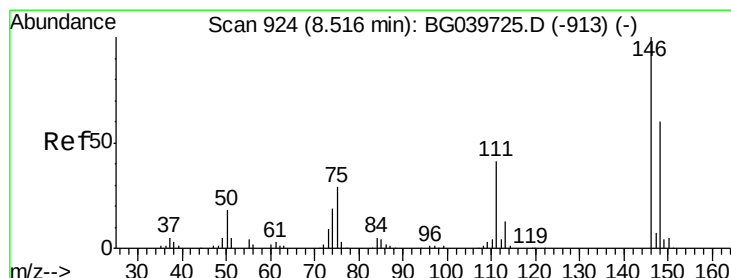
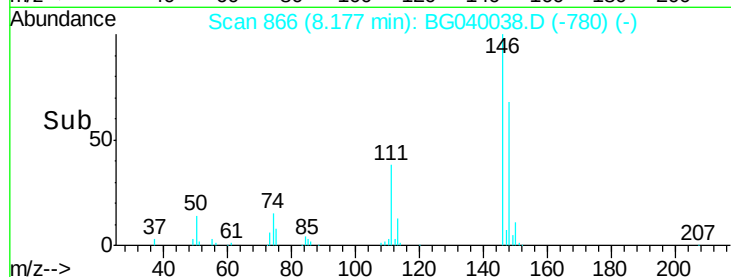
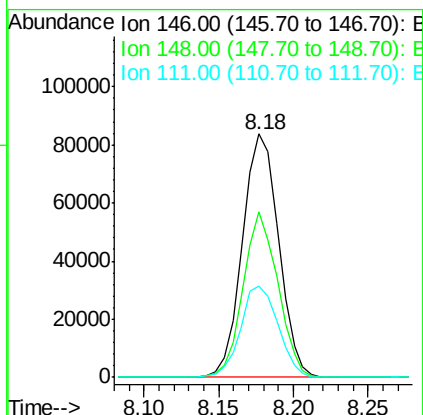
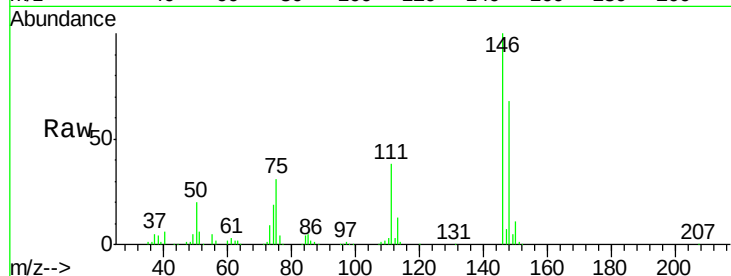




#13
 1,4-Dichlorobenzene
 Concen: 38.566 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040038.D
 Acq: 20 Mar 2019 16:23

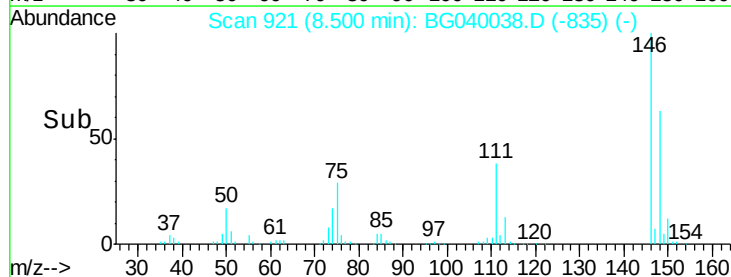
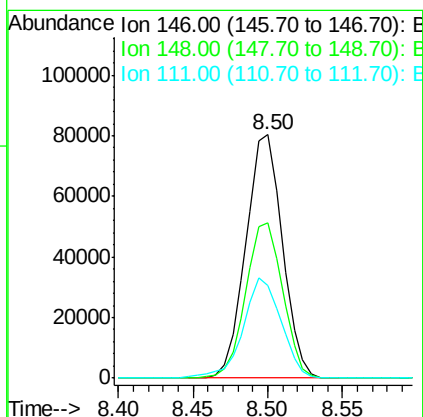
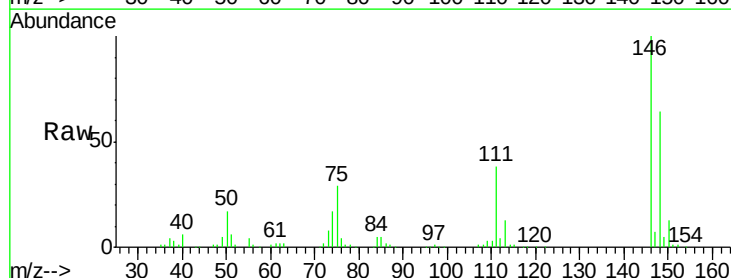
Instrument :
 BNA_G
 ClientSampled :

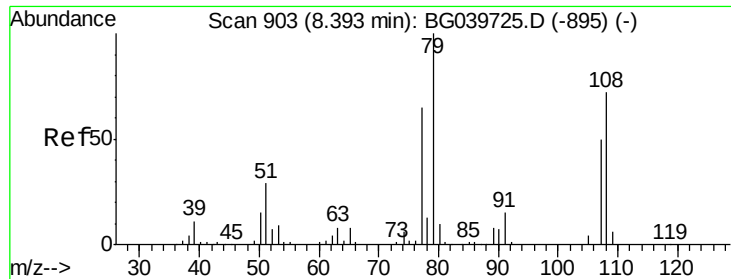
Tot Ion:146 Resp: 140801
 Ion Ratio Lower Upper
 146 100
 148 67.9 51.1 76.7
 111 37.5 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 38.547 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040038.D
 Acq: 20 Mar 2019 16:23

Tgt Ion:146 Resp: 135975
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.5 77.3
 111 38.1 33.8 50.6





#15

Benzyl Alcohol

Concen: 40.737 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

Instrument :

BNA_G

ClientSampled :

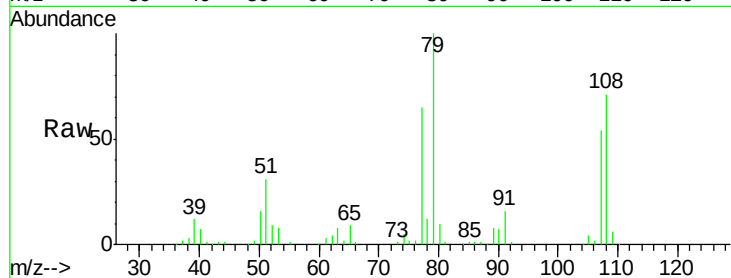
Tot Ion: 79 Resp: 125870

Ion Ratio Lower Upper

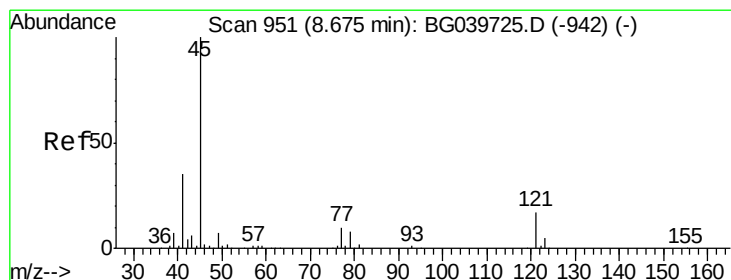
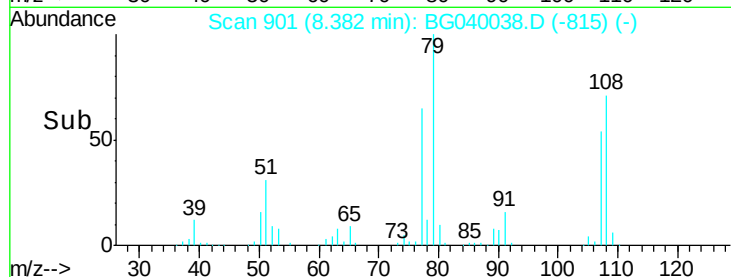
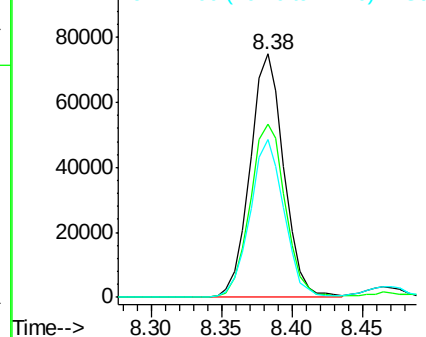
79 100

108 71.2 57.8 86.6

77 65.1 51.1 76.7



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: 37.299 ng

RT: 8.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

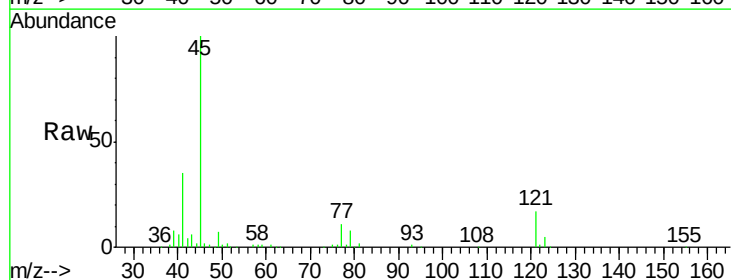
Tgt Ion: 45 Resp: 245420

Ion Ratio Lower Upper

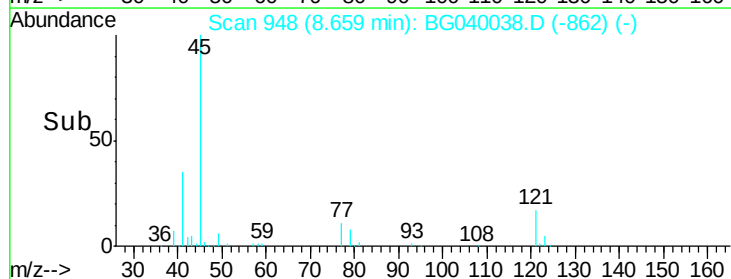
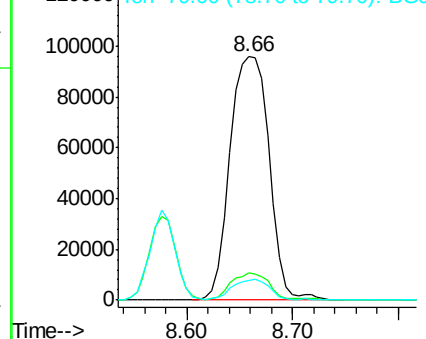
45 100

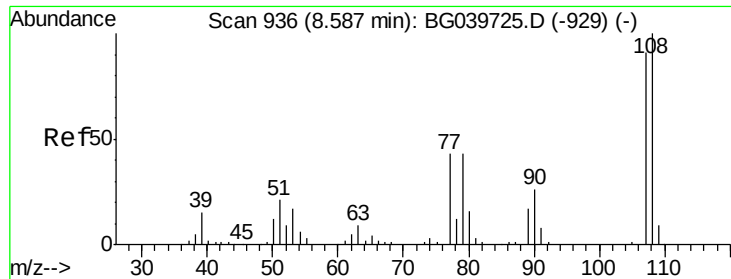
77 11.2 0.0 30.0

79 8.2 0.0 27.5



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

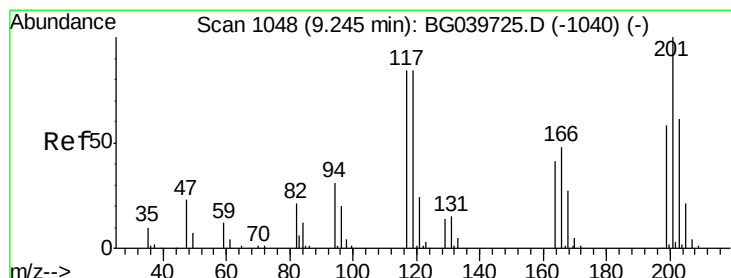
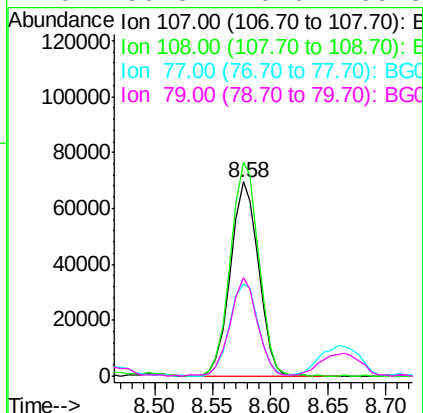
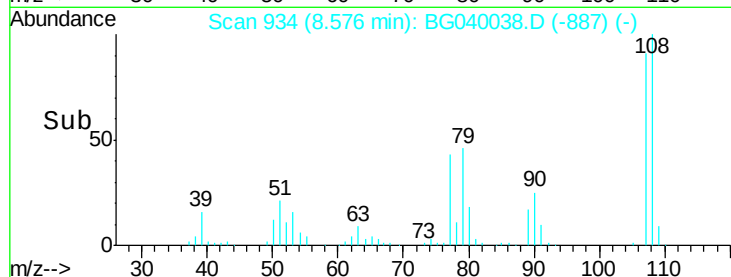
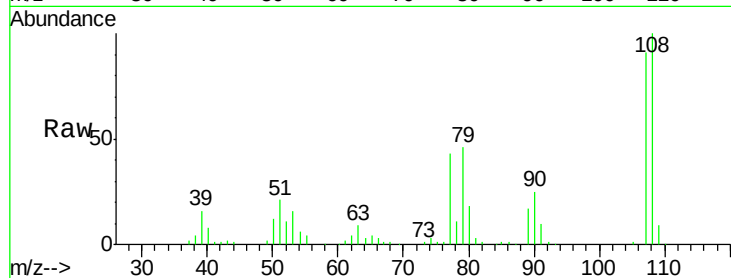




#17
2-Methylphenol
Concen: 43.724 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

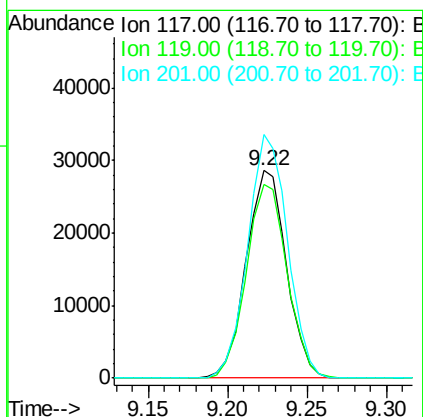
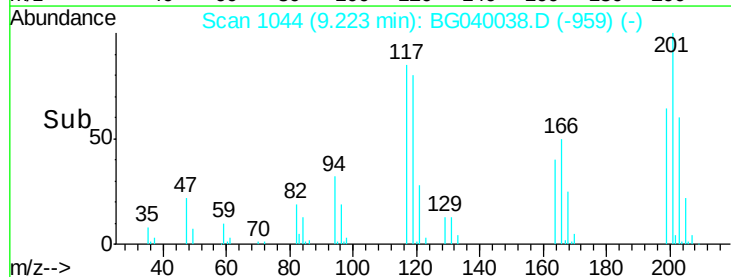
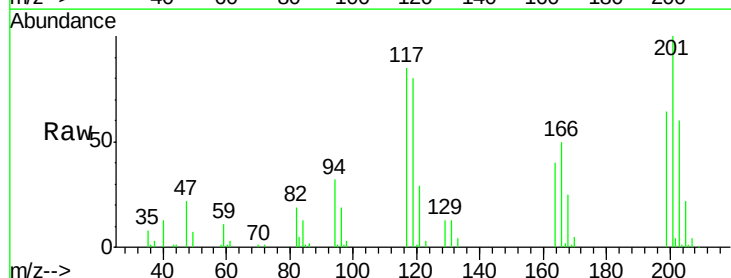
Instrument :
BNA_G
ClientSampled :

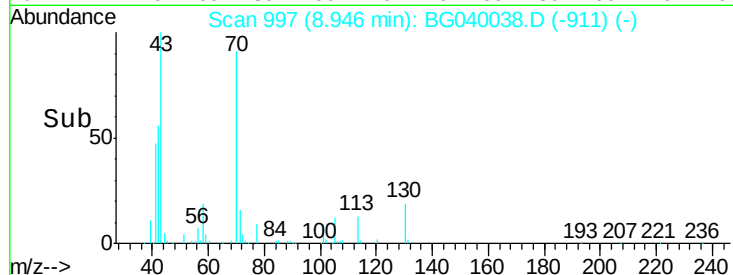
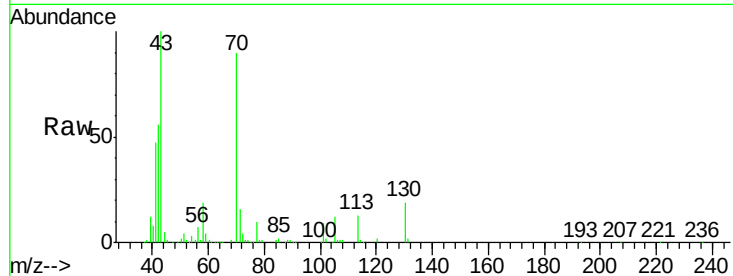
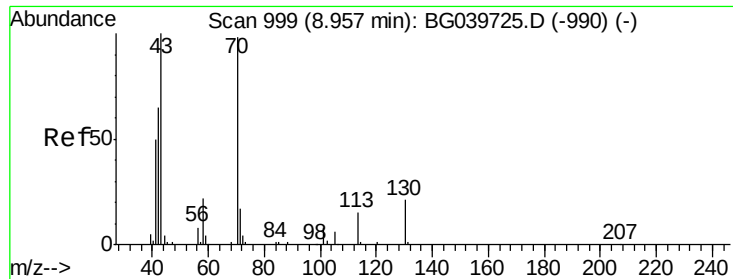
Tot Ion:107 Resp: 117644
Ion Ratio Lower Upper
107 100
108 109.9 90.8 136.2
77 47.5 40.7 61.1
79 50.8 40.6 60.8



#18
Hexachloroethane
Concen: 38.499 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Tgt Ion:117 Resp: 50434
Ion Ratio Lower Upper
117 100
119 93.6 76.3 114.5
201 117.4 91.1 136.7

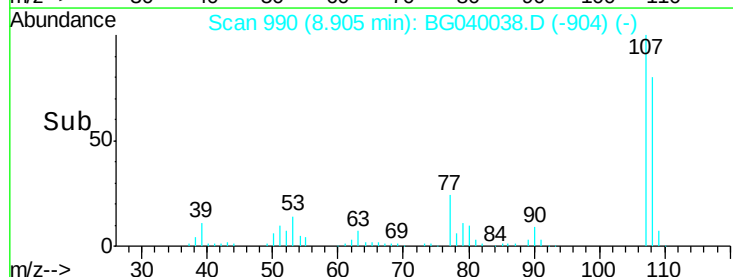
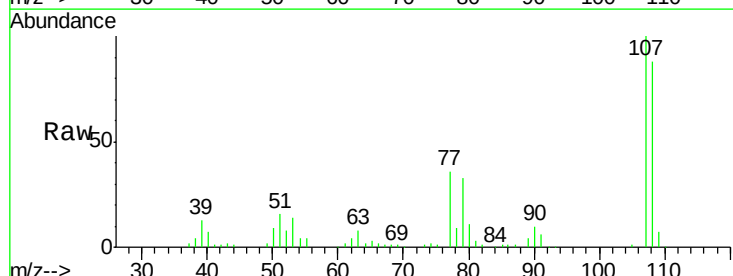
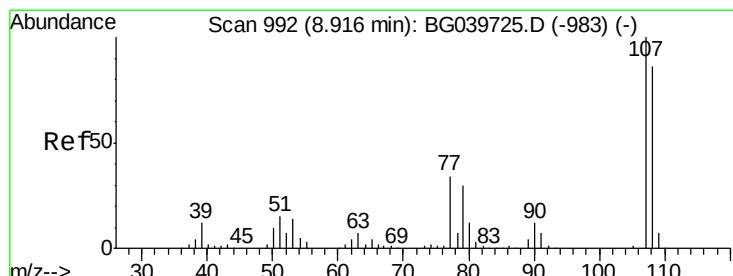
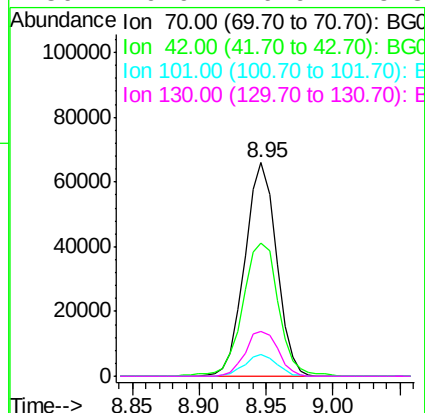




#19
n-Nitroso-di-n-propylamine
Concen: 38.493 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

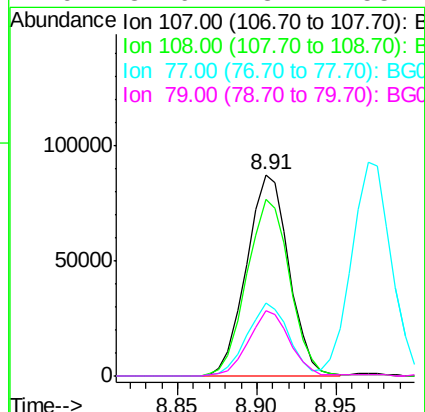
Instrument :
BNA_G
ClientSampleId :

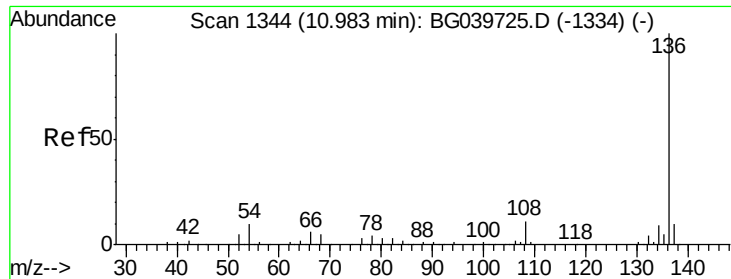
Tot Ion:	70	Resp:	107919
Ion	Ratio	Lower	Upper
70	100		
42	62.5	60.4	90.6
101	10.0	7.5	11.3
130	20.9	16.9	25.3



#20
3+4-Methylphenols
Concen: 43.554 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Tgt Ion:	107	Resp:	162798
Ion	Ratio	Lower	Upper
107	100		
108	88.0	67.9	107.9
77	36.3	15.4	55.4
79	32.6	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 194718

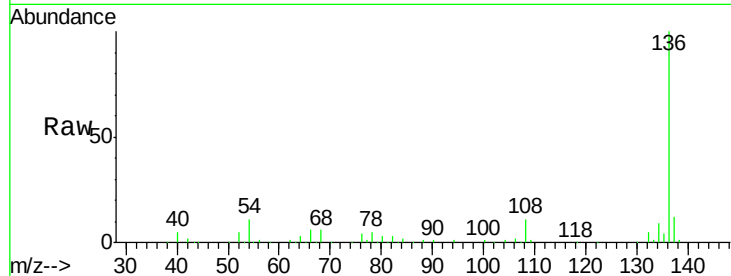
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 11.1 9.4 14.2

68 5.8 4.2 6.4

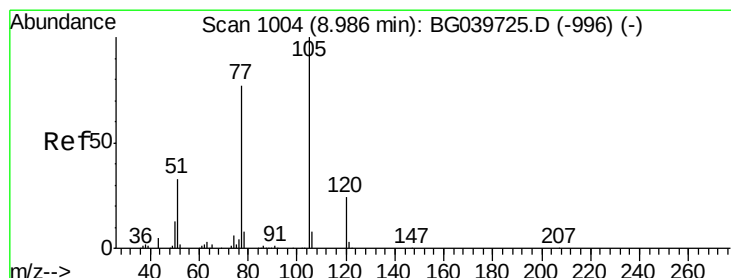
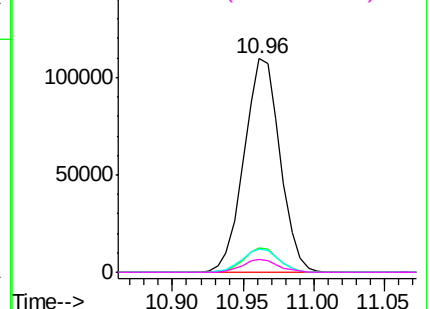
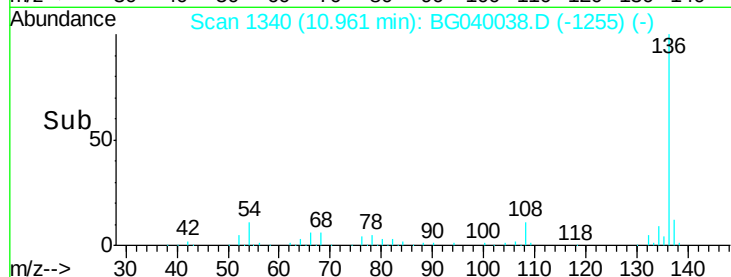


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.174 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.03 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

Tgt Ion:105 Resp: 204729

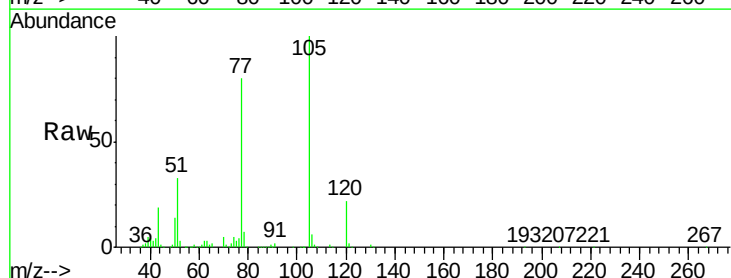
Ion Ratio Lower Upper

105 100

71 0.7 0.8 1.2#

51 33.4 30.2 45.2

120 21.7 18.0 27.0

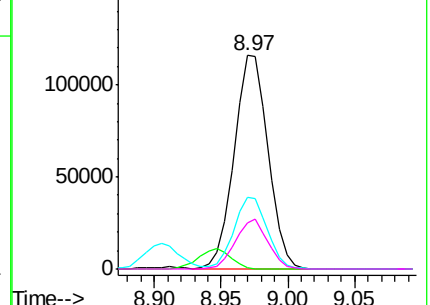
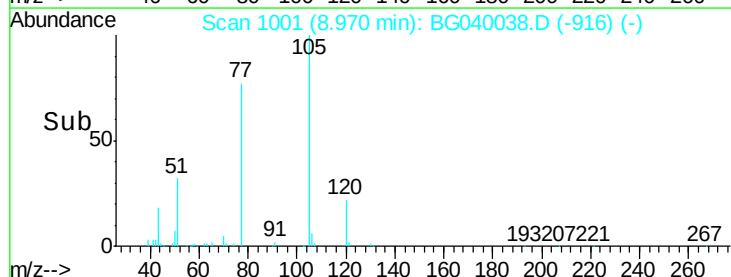


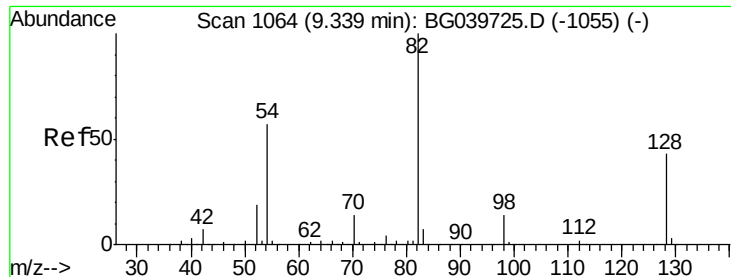
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

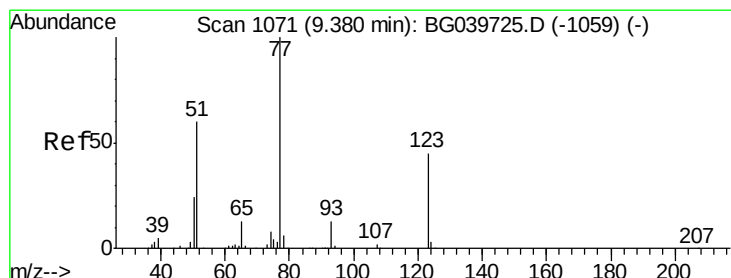
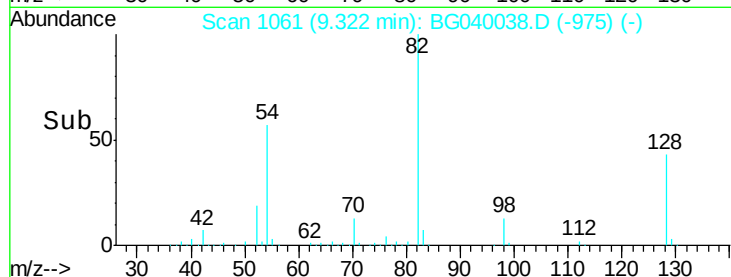
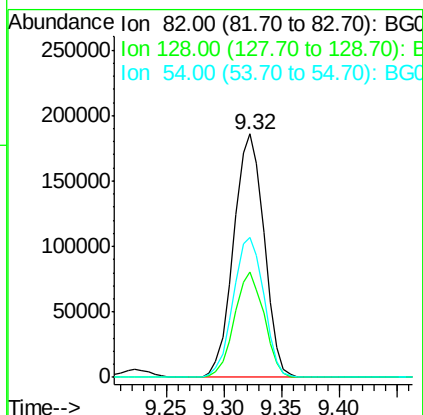
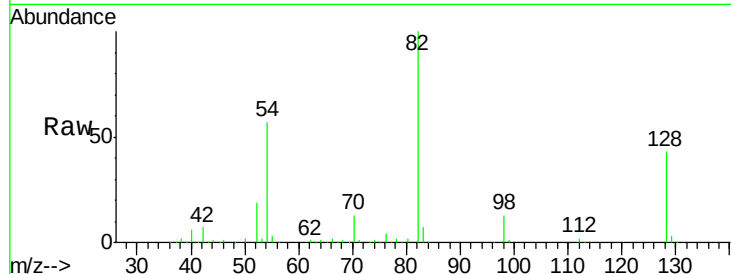




#23
 Nitrobenzene-d5
 Concen: 94.291 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040038.D
 Acq: 20 Mar 2019 16:23

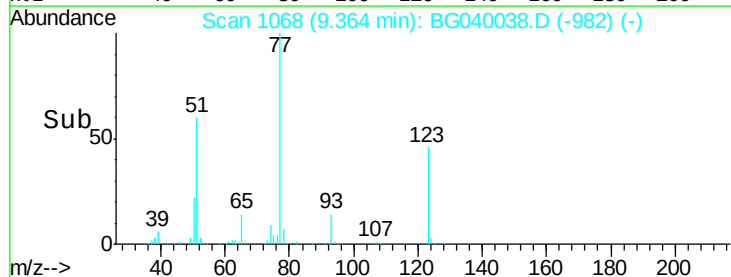
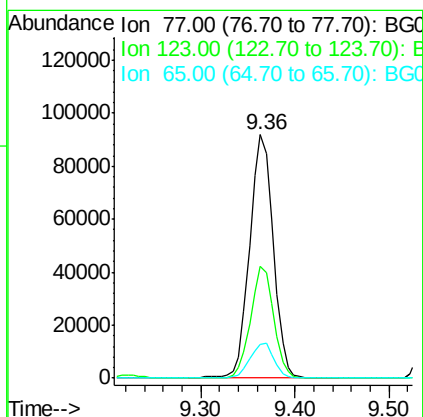
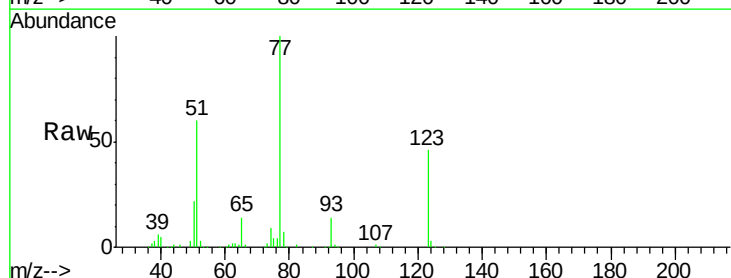
Instrument :
 BNA_G
 ClientSampled :

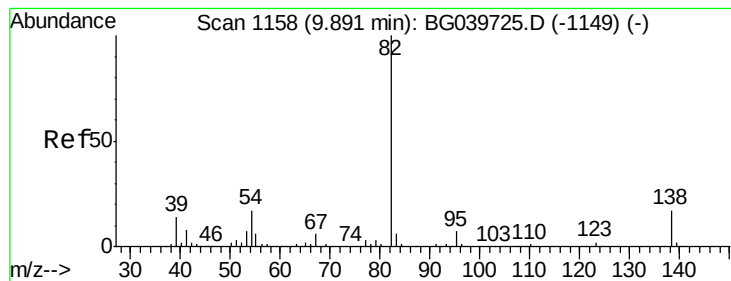
Tot Ion: 82 Resp: 339476
 Ion Ratio Lower Upper
 82 100
 128 43.0 31.3 46.9
 54 57.3 50.9 76.3



#24
 Nitrobenzene
 Concen: 42.334 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040038.D
 Acq: 20 Mar 2019 16:23

Tgt Ion: 77 Resp: 159895
 Ion Ratio Lower Upper
 77 100
 123 46.0 34.1 51.1
 65 13.9 12.3 18.5





#25

Isophorone

Concen: 40.967 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

Instrument :

BNA_G

ClientSampleId :

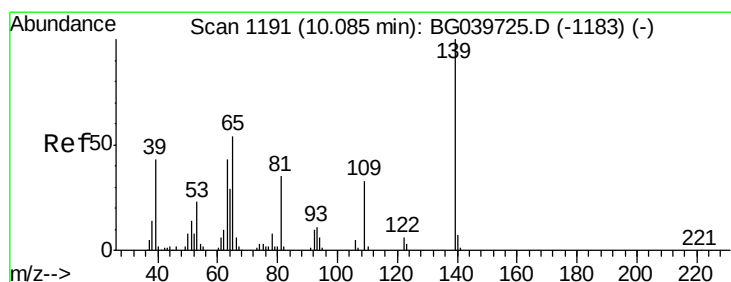
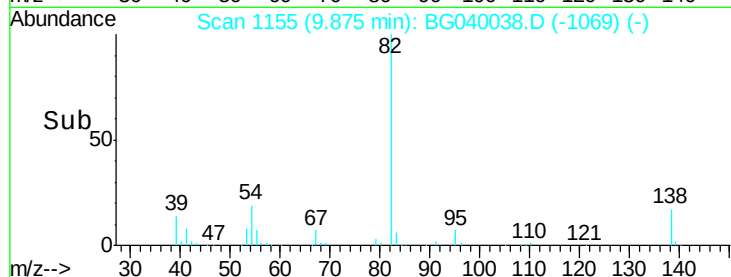
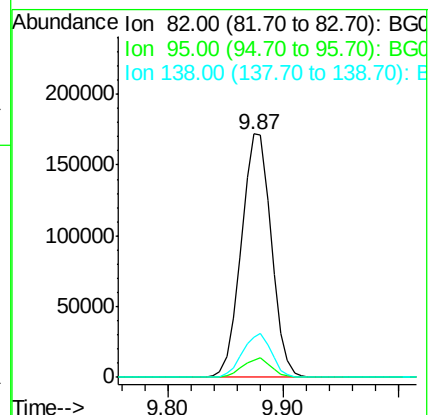
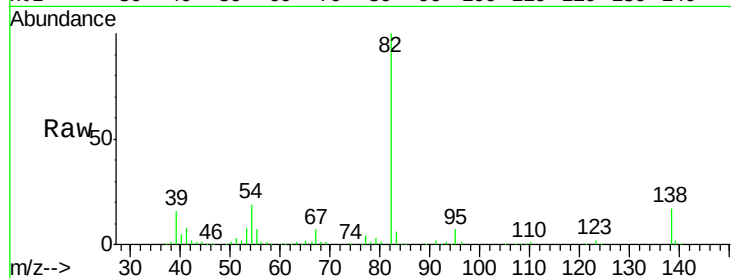
Tot Ion: 82 Resp: 309043

Ion Ratio Lower Upper

82 100

95 7.1 6.2 9.2

138 16.6 13.0 19.4



#26

2-Nitrophenol

Concen: 43.944 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

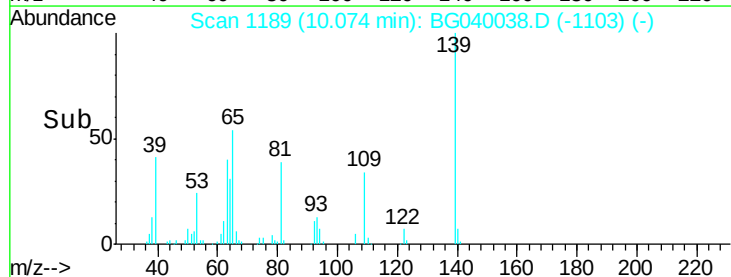
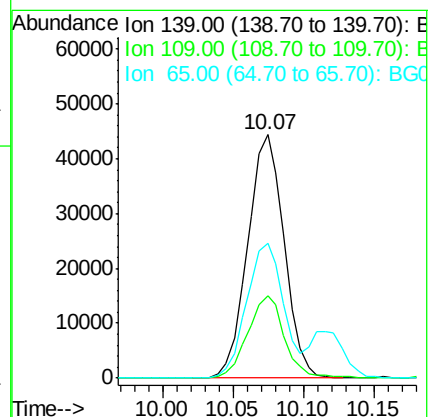
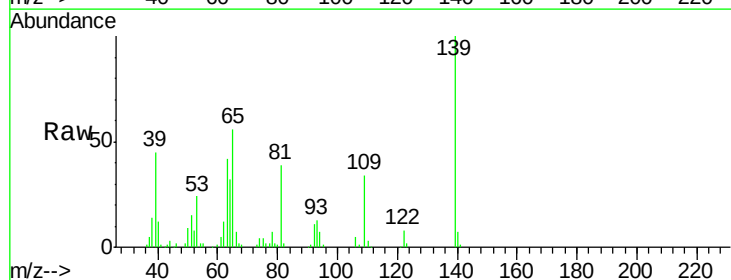
Tgt Ion: 139 Resp: 80135

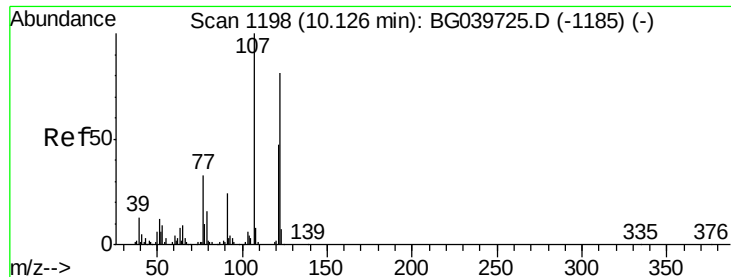
Ion Ratio Lower Upper

139 100

109 33.8 23.4 35.0

65 55.6 44.3 66.5

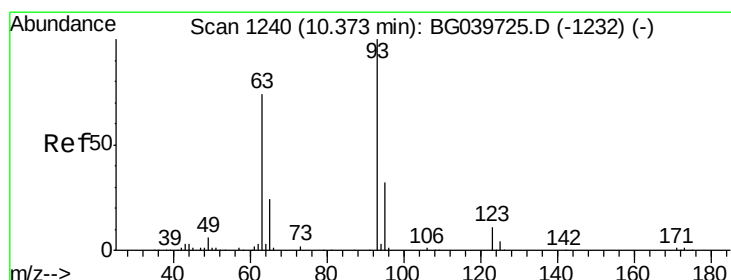
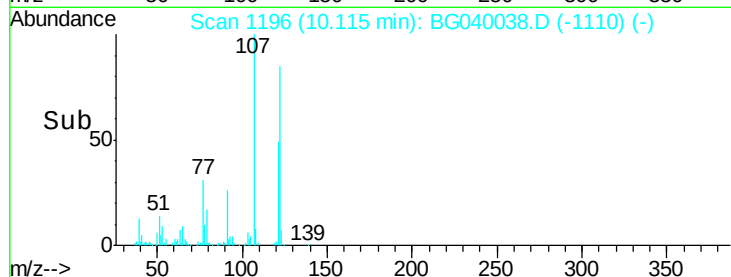
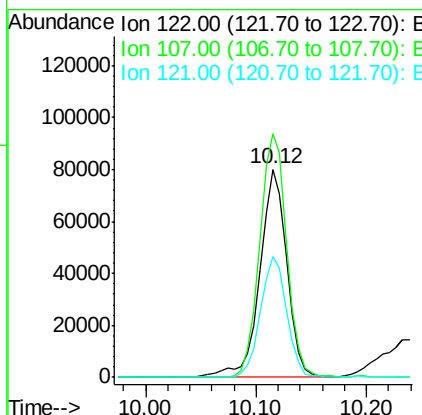
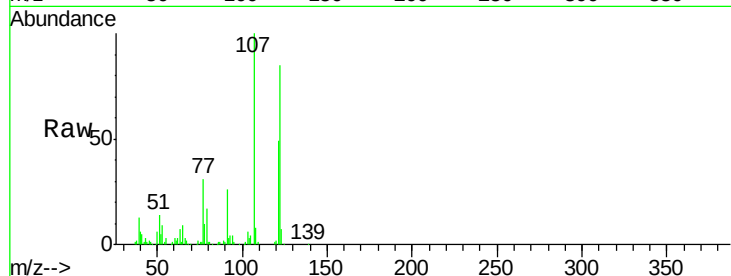




#27
2,4-Dimethylphenol
Concen: 48.455 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

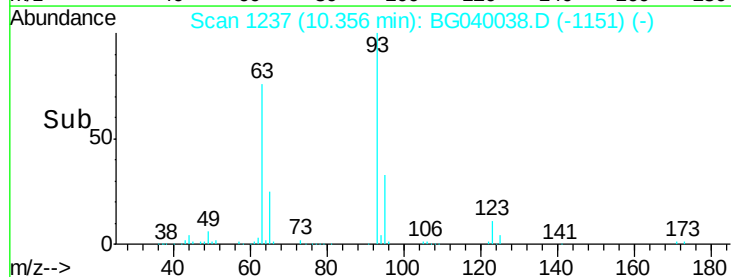
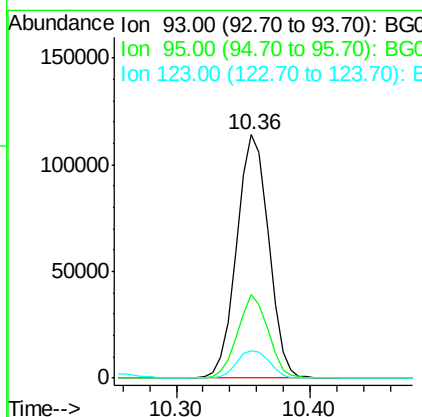
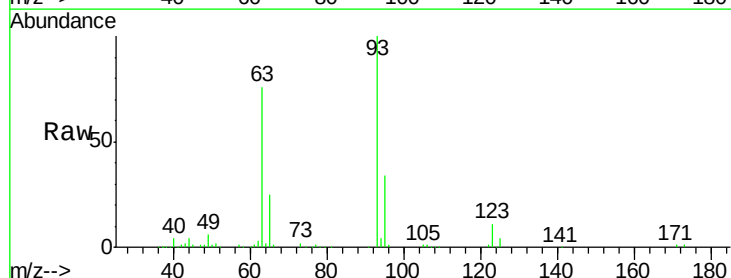
Instrument :
BNA_G
ClientSampleId :

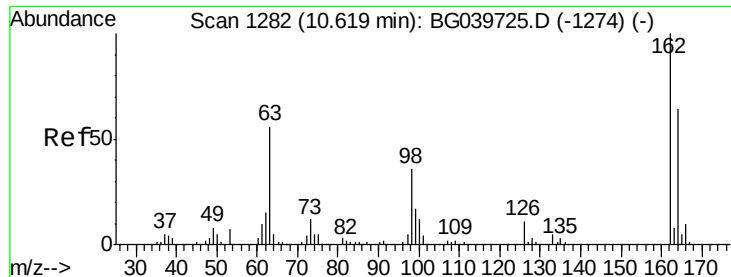
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.0	91.7	137.5
121	57.8	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.250 ng
RT: 10.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.0	37.4
123	11.3	8.6	12.8

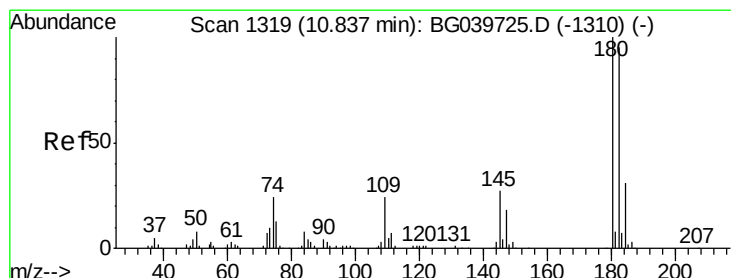
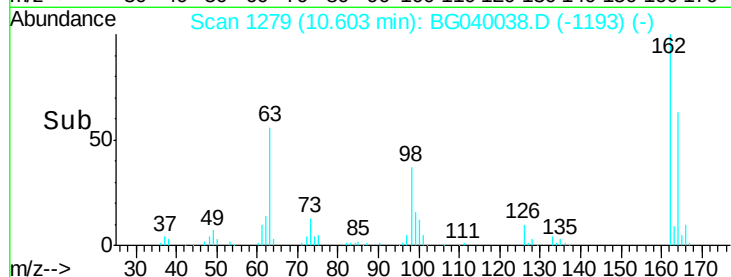
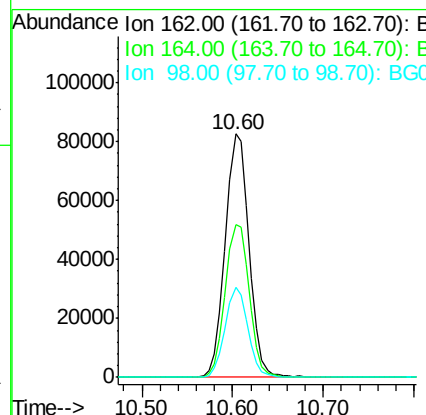
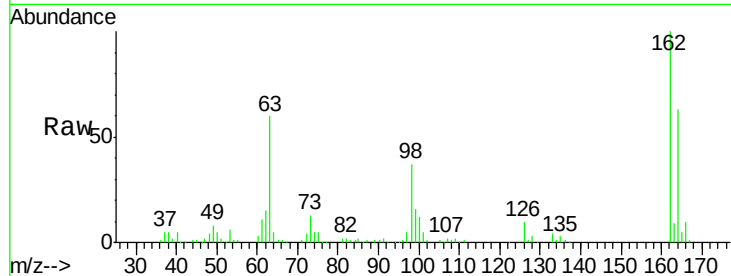




#29
 2,4-Dichlorophenol
 Concen: 47.087 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040038.D
 Acq: 20 Mar 2019 16:23

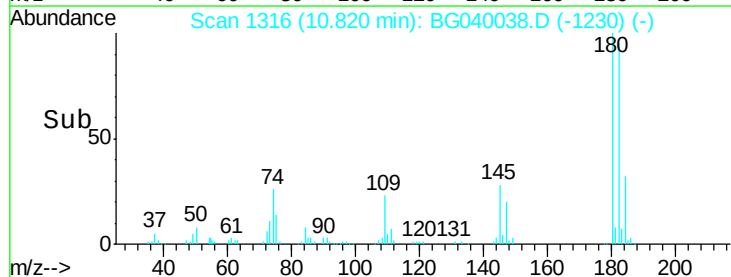
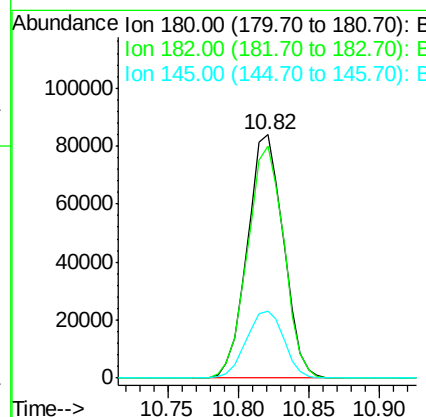
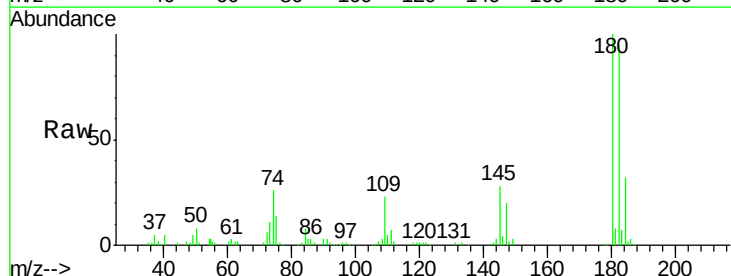
Instrument :
 BNA_G
 ClientSampleId :

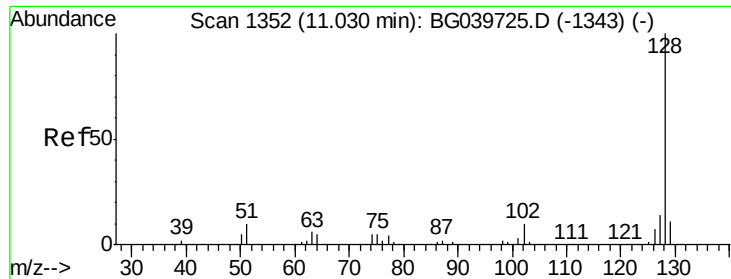
Tot Ion:162 Resp: 150358
 Ion Ratio Lower Upper
 162 100
 164 62.8 48.1 88.1
 98 36.7 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.622 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040038.D
 Acq: 20 Mar 2019 16:23

Tgt Ion:180 Resp: 149556
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.0 114.0
 145 27.7 22.7 34.1

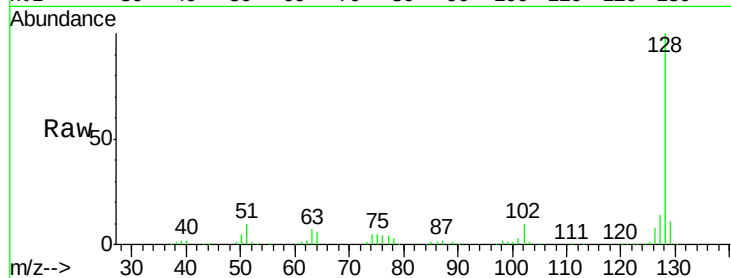




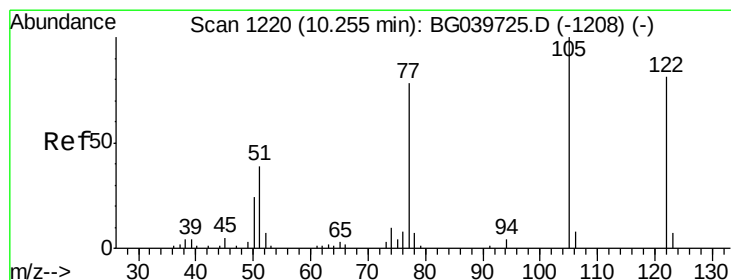
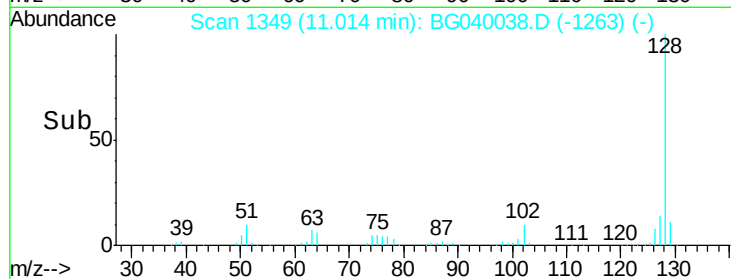
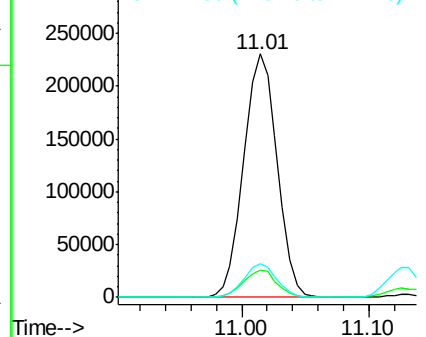
#31
Naphthalene
Concen: 40.831 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 420947
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 14.0 10.8 16.2

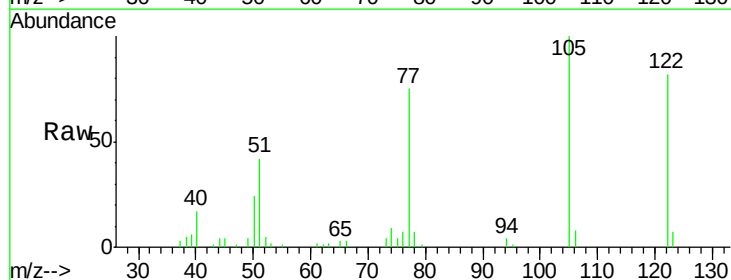


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

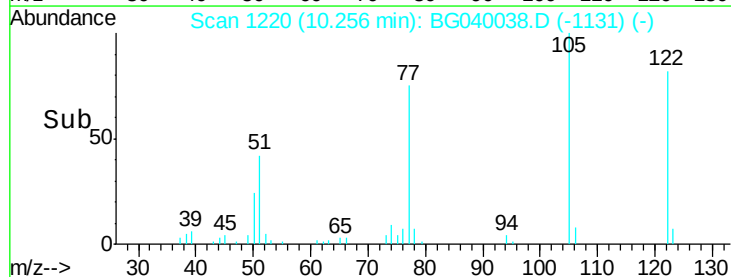
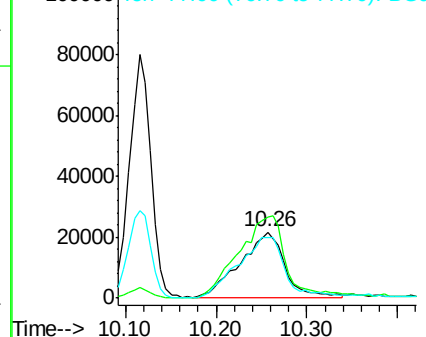


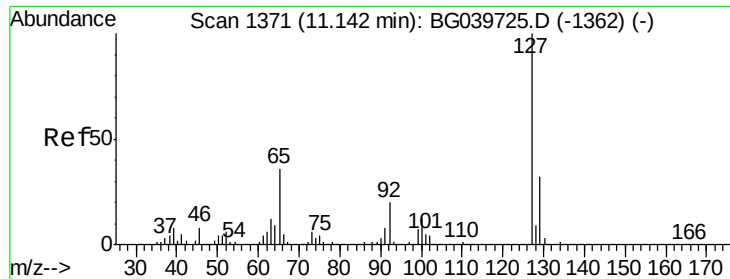
#32
Benzoic acid
Concen: 38.602 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Tgt Ion:122 Resp: 72254
Ion Ratio Lower Upper
122 100
105 122.0 101.8 141.8
77 91.9 76.3 116.3



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

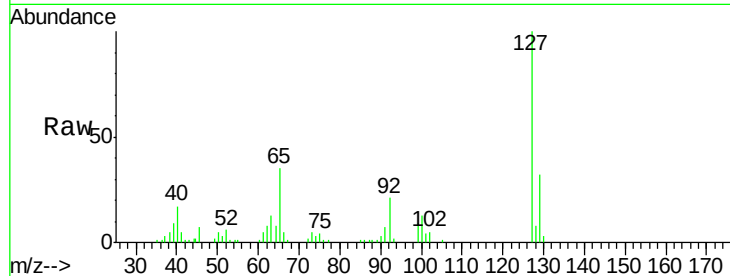




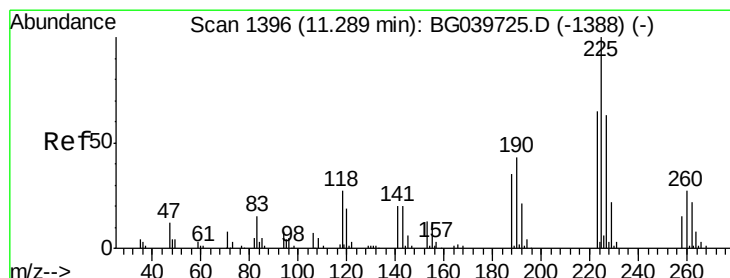
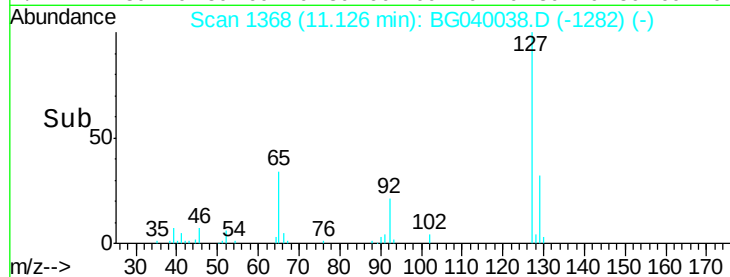
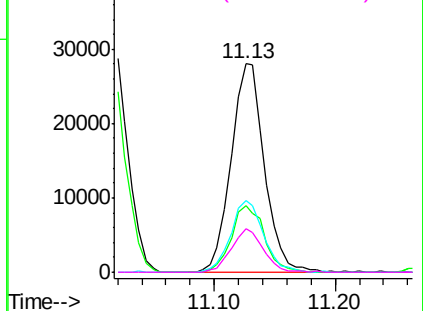
#33
4-Chloroaniline
Concen: 12.275 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	53664
Ion	Ratio	Lower	Upper
127	100		
129	31.9	27.0	40.4
65	34.7	28.8	43.2
92	20.7	16.6	25.0

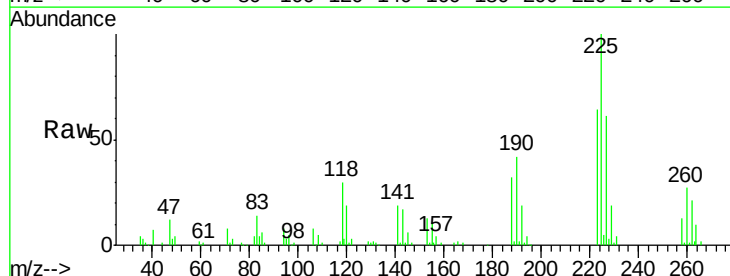


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

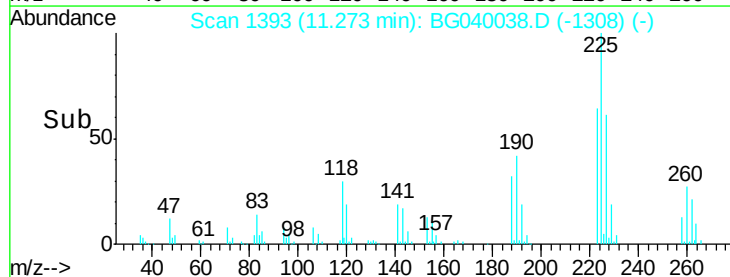
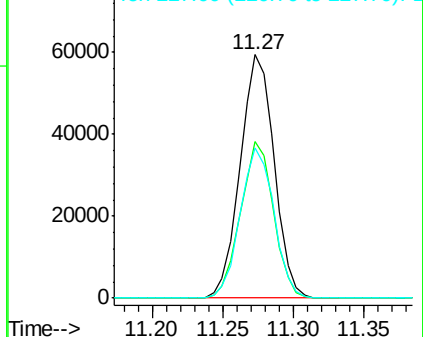


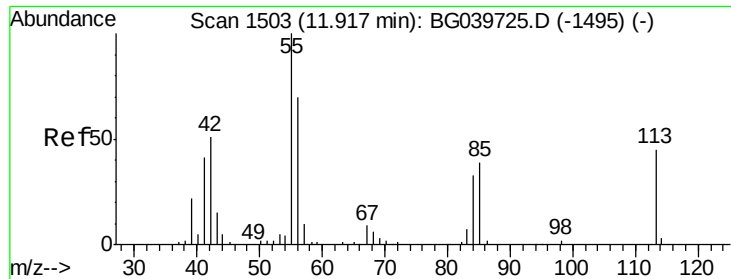
#34
Hexachlorobutadiene
Concen: 40.803 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Tgt Ion:	225	Resp:	100188
Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.0	73.6
227	61.4	46.3	69.5



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

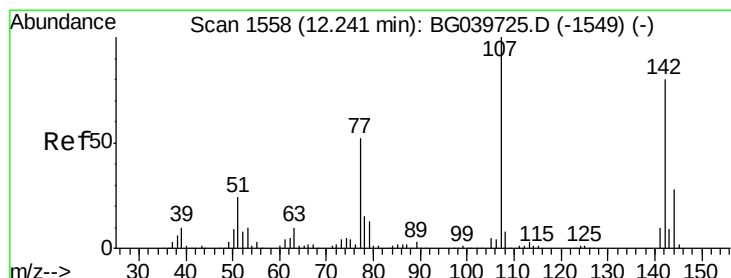
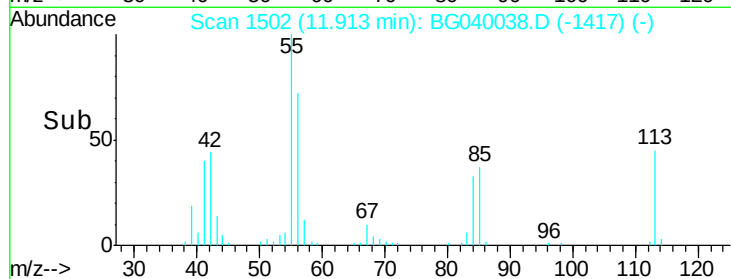
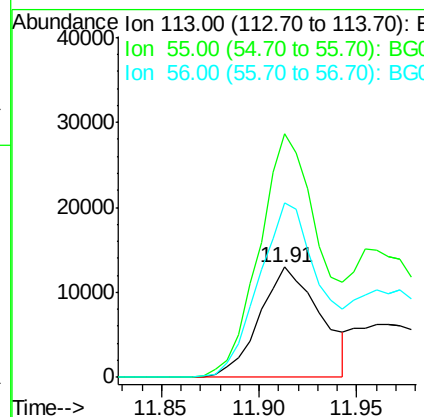
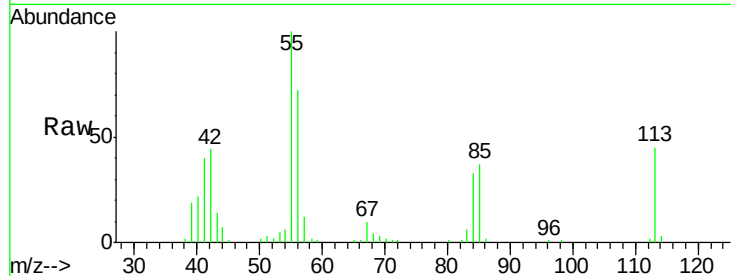




#35
Caprolactam
Concen: 22.982 ng
RT: 11.91 min Scan# 1502
Delta R.T. -0.03 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

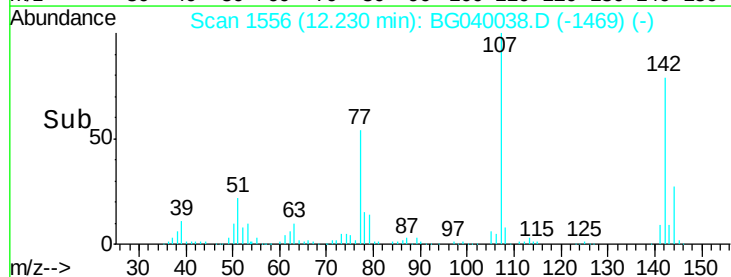
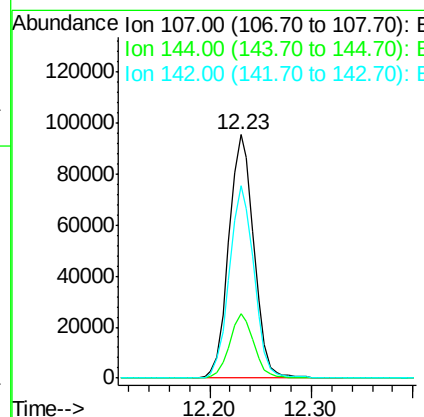
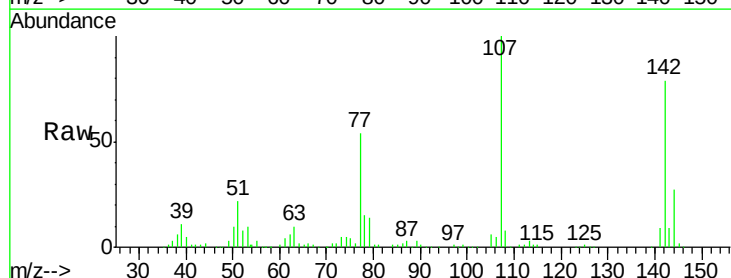
Instrument :
BNA_G
ClientSampled :

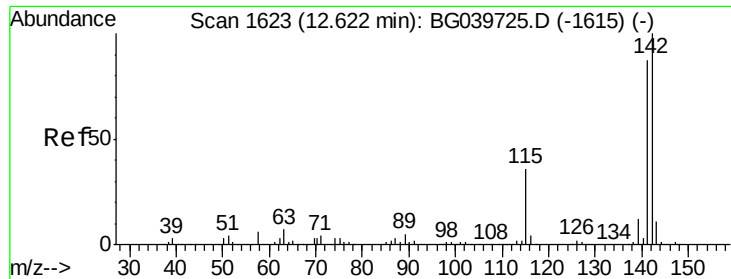
Tot Ion:113 Resp: 28033
Ion Ratio Lower Upper
113 100
55 220.5 216.9 256.9
56 158.3 152.6 192.6



#36
4-Chloro-3-methylphenol
Concen: 44.834 ng
RT: 12.23 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Tgt Ion:107 Resp: 164113
Ion Ratio Lower Upper
107 100
144 26.7 20.2 30.2
142 79.2 61.4 92.2

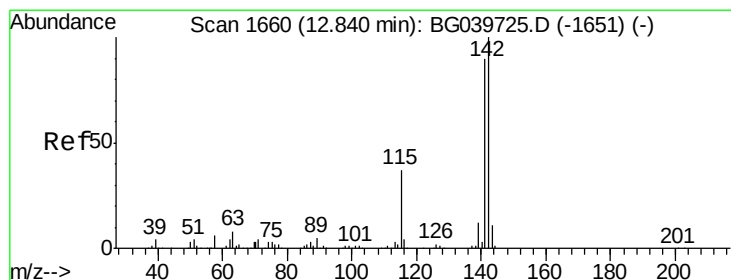
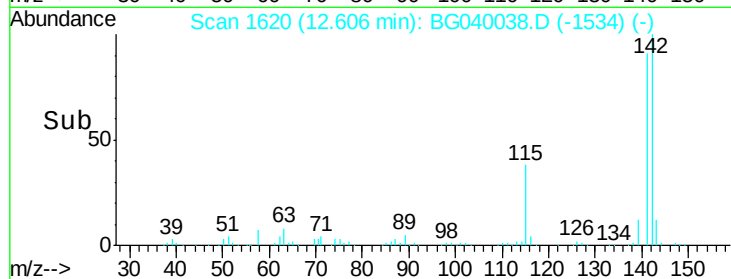
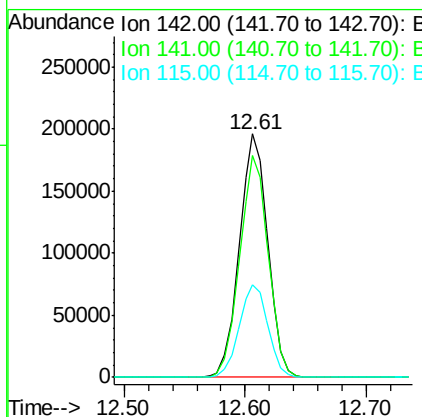
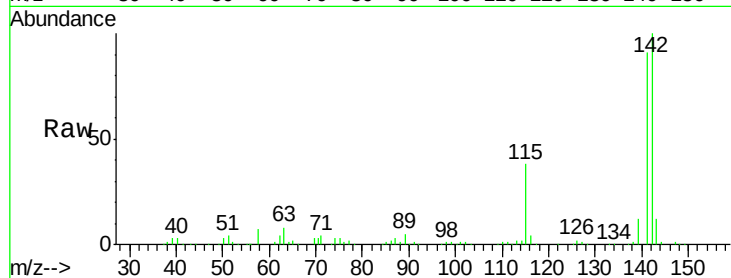




#37
2-Methylnaphthalene
Concen: 41.557 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

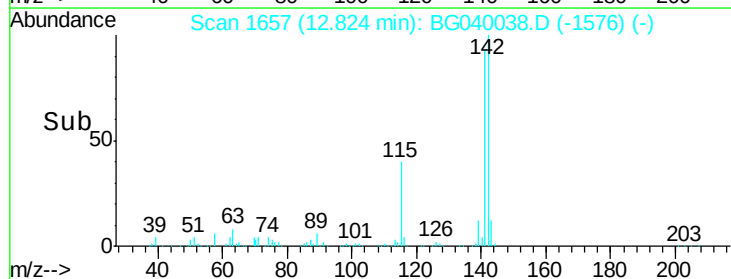
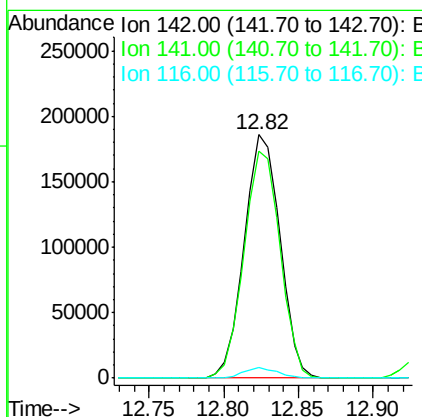
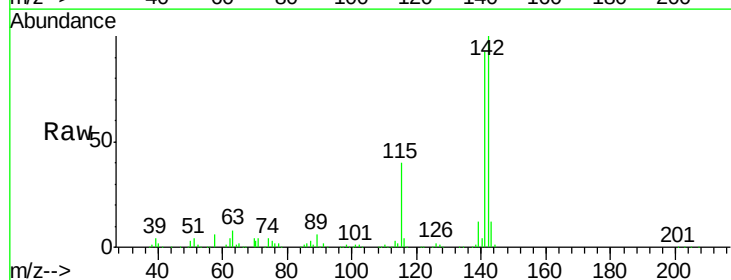
Instrument :
BNA_G
ClientSampleId :

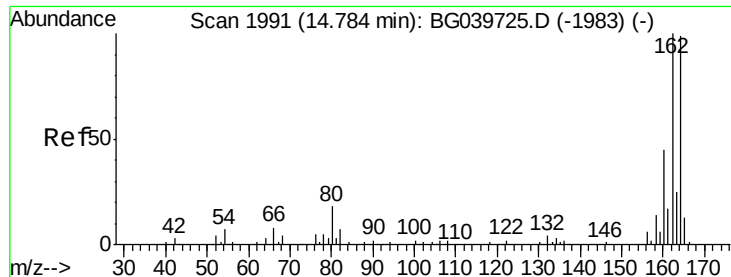
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.5	110.3
115	38.1	30.8	46.2



#38
1-Methylnaphthalene
Concen: 41.229 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.2	111.4
116	4.3	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

Instrument :

BNA_G

ClientSampled :

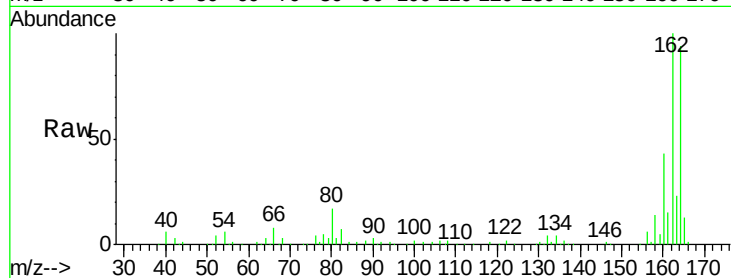
Tot Ion:164 Resp: 131560

Ion Ratio Lower Upper

164 100

162 106.6 81.6 122.4

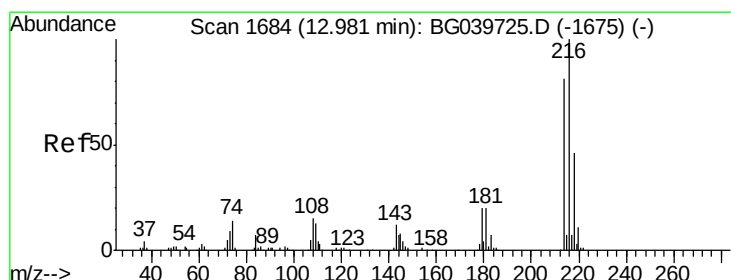
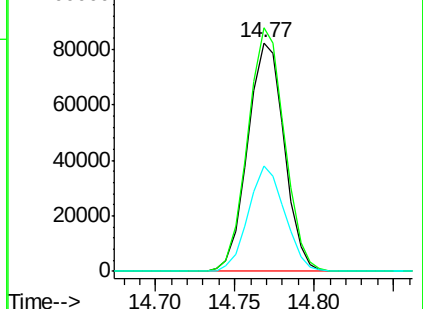
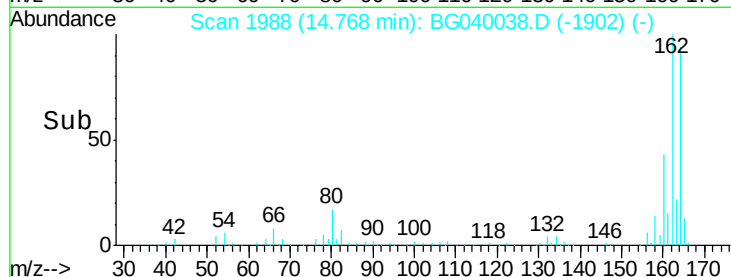
160 46.1 34.2 51.2



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: 40.651 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

Tgt Ion:216 Resp: 181180

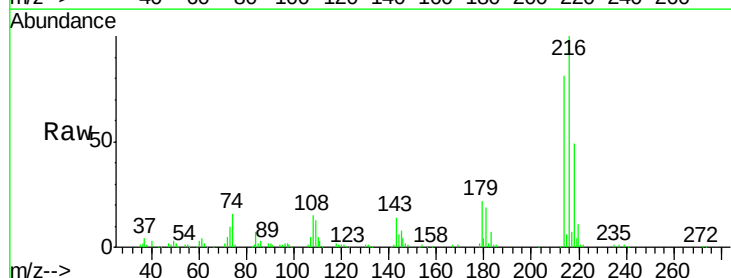
Ion Ratio Lower Upper

216 100

214 79.4 62.6 94.0

179 21.0 16.6 25.0

108 18.3 14.0 21.0

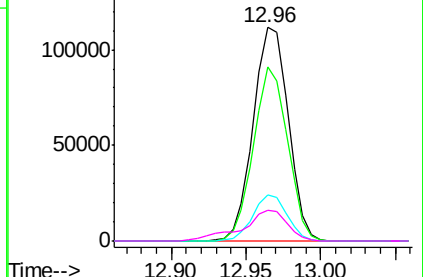
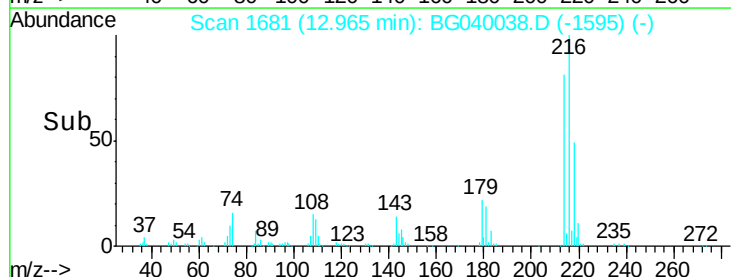


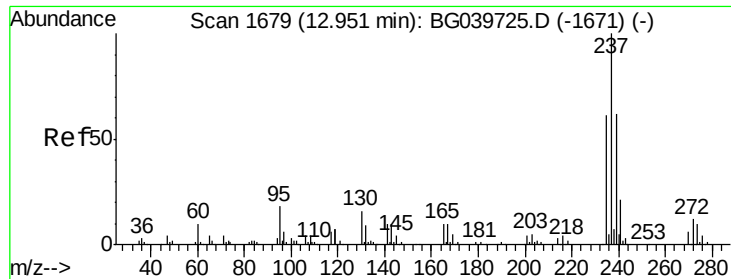
Abundance Ion 216.00 (215.70 to 216.70): E

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: 102.927 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040038.D

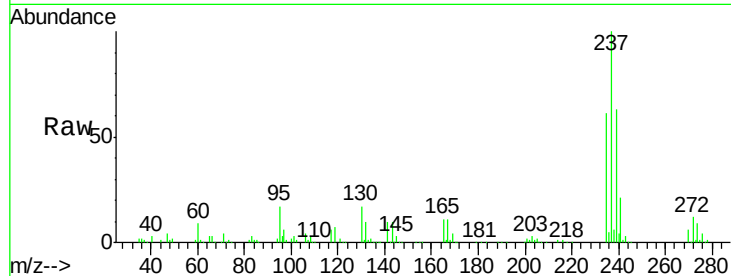
Acq: 20 Mar 2019 16:23

Instrument :

BNA_G

ClientSampleId :

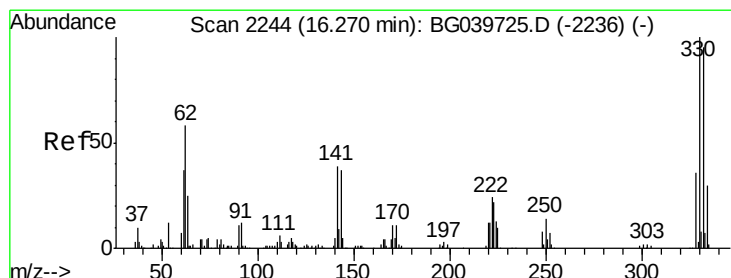
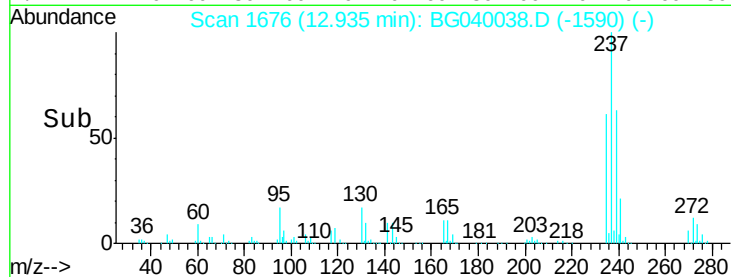
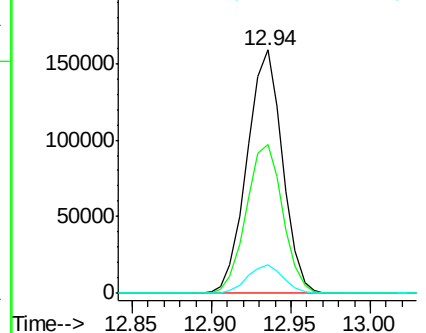
Tot Ion:	237	Resp:	245839
Ion Ratio	Lower	Upper	
237	100		
235	61.1	43.3	83.3
272	11.7	0.0	32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 149.717 ng

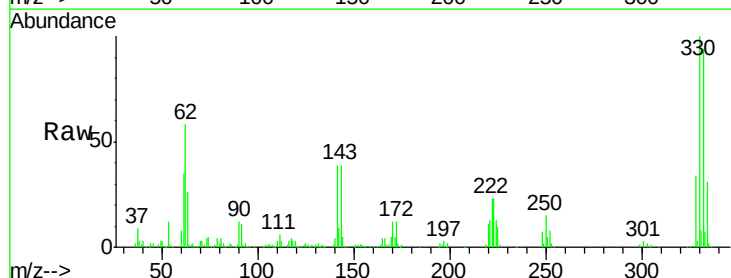
RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

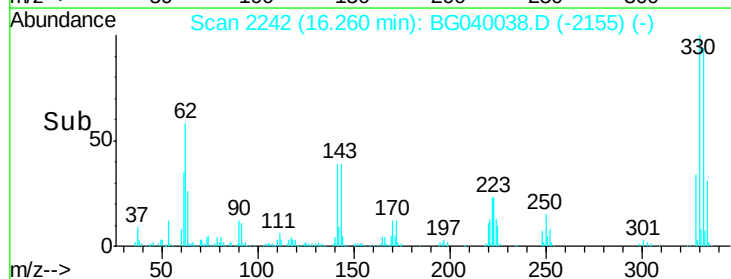
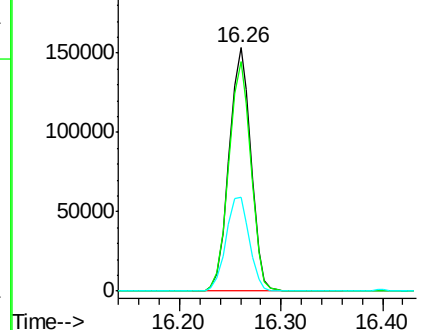
Tgt Ion:	330	Resp:	229580
Ion Ratio	Lower	Upper	
330	100		
332	95.4	75.7	113.5
141	41.1	35.6	53.4

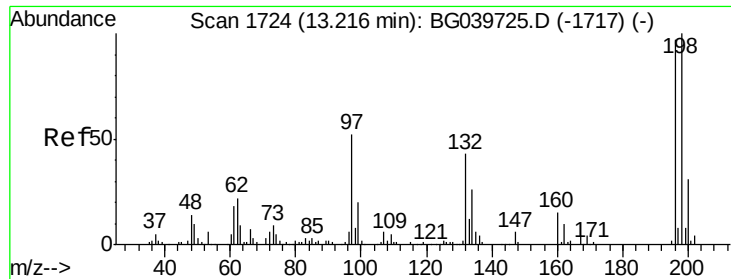


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

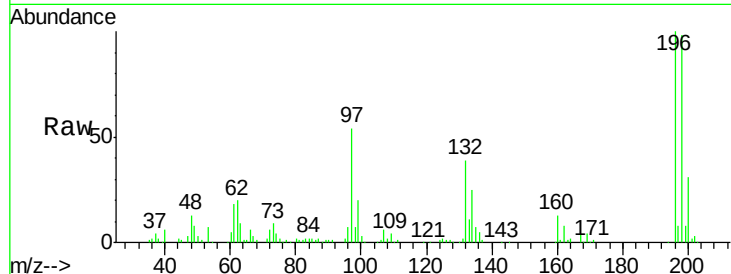




#43
 2,4,6-Trichlorophenol
 Concen: 48.413 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040038.D
 Acq: 20 Mar 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	126326
Ion Ratio	Lower	Upper	
196	100		
198	98.1	80.6	121.0
200	31.4	26.1	39.1

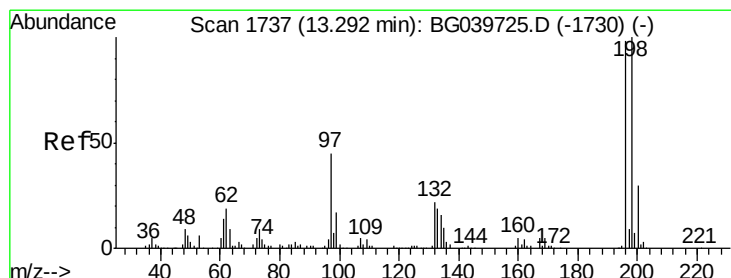
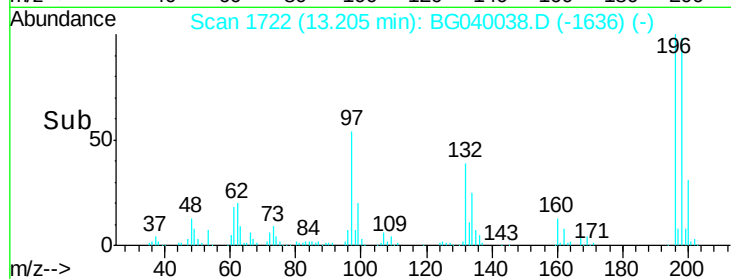
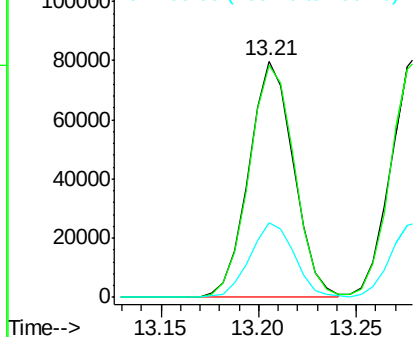


Abundance

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: 46.662 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040038.D
 Acq: 20 Mar 2019 16:23

Tgt Ion	196	Resp	137242
Ion Ratio	Lower	Upper	
196	100		
198	97.9	78.5	117.7
97	47.9	38.4	57.6
132	23.7	19.2	28.8

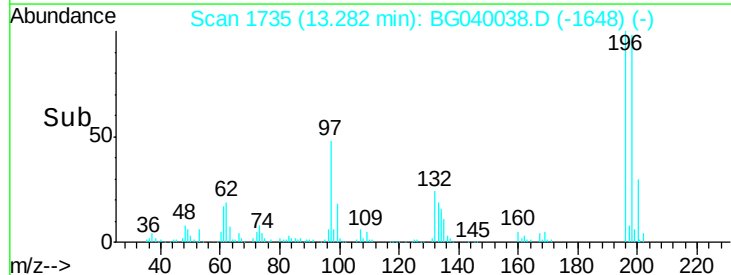
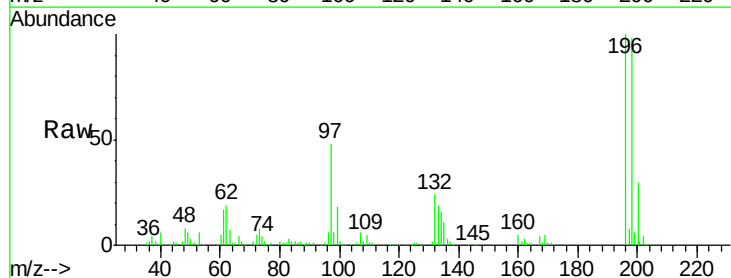
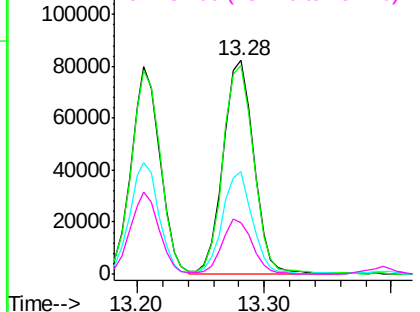
Abundance

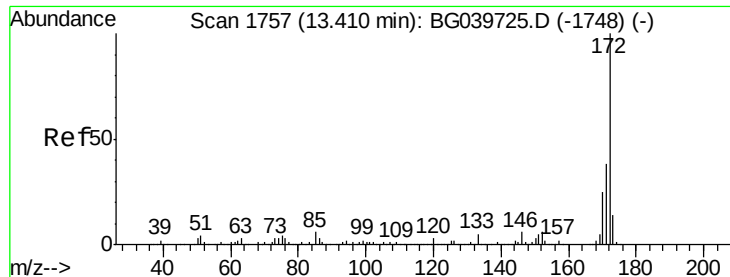
Ion 196.00 (195.70 to 196.70): E

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

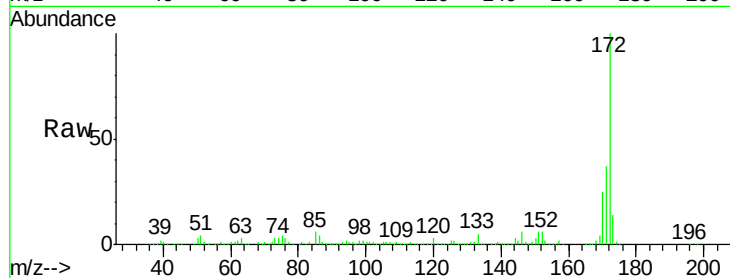




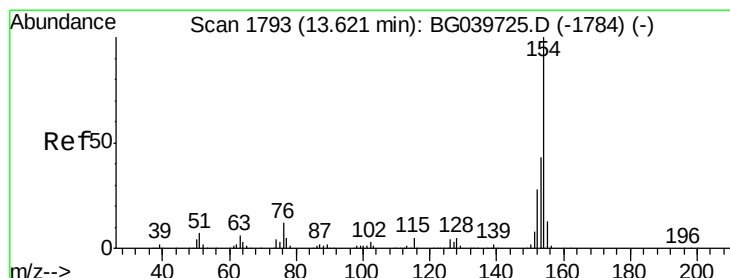
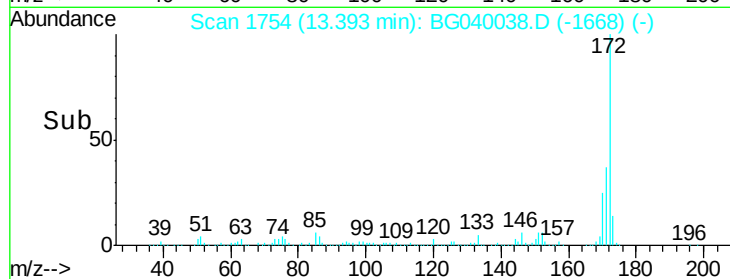
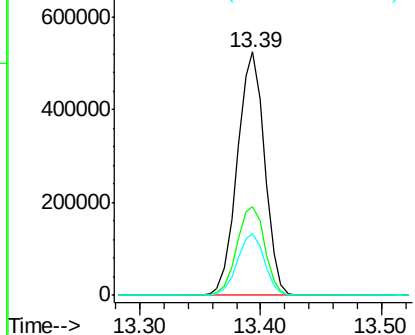
#45
2-Fluorobiphenyl
Concen: 89.204 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 824235
Ion Ratio Lower Upper
172 100
171 36.7 30.8 46.2
170 25.3 20.2 30.4

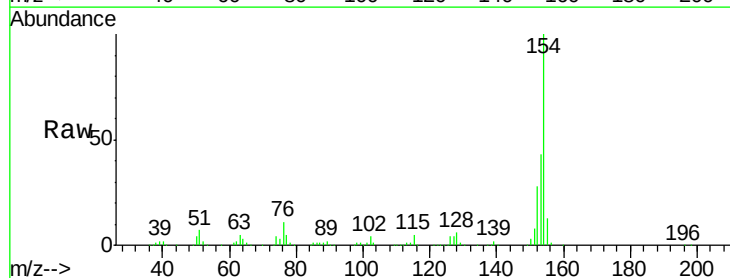


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

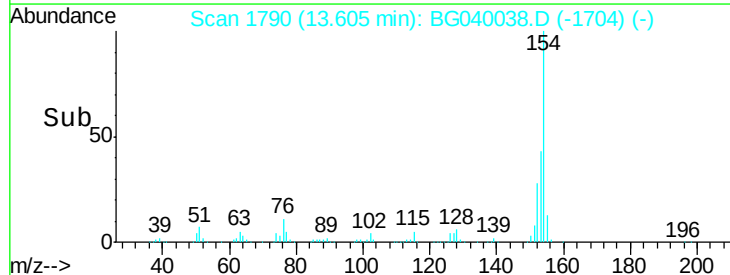
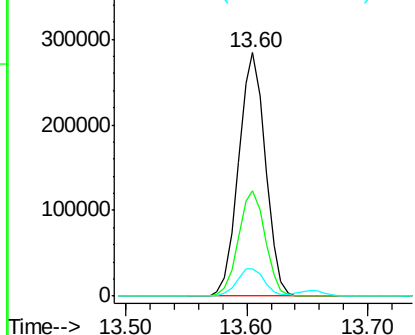


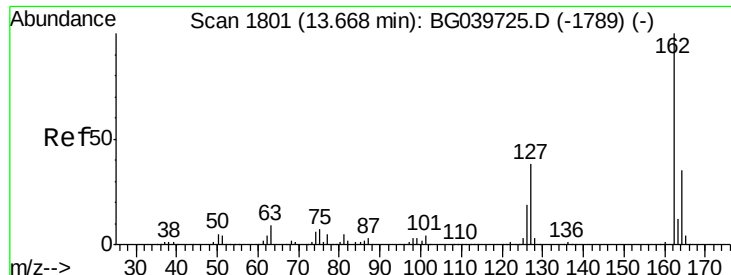
#46
1,1'-Biphenyl
Concen: 40.563 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Tgt Ion:154 Resp: 438915
Ion Ratio Lower Upper
154 100
153 43.3 22.1 62.1
76 11.3 0.0 32.4



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

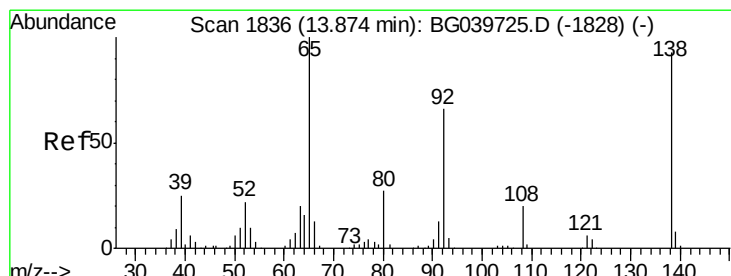
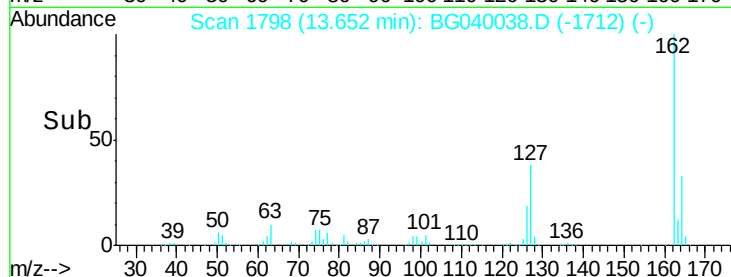
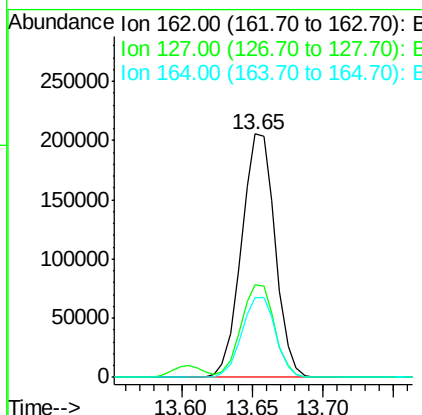
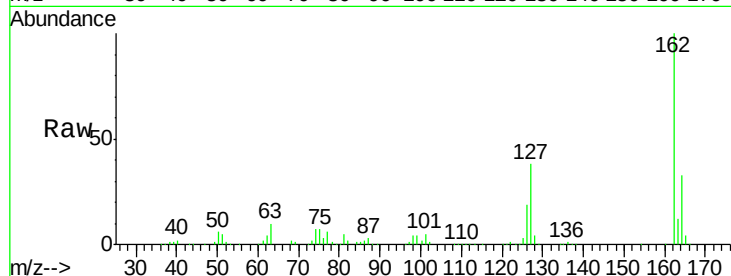




#47
 2-Chloronaphthalene
 Concen: 41.908 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG040038.D
 Acq: 20 Mar 2019 16:23

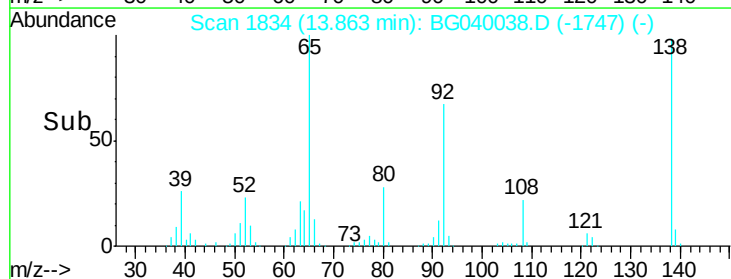
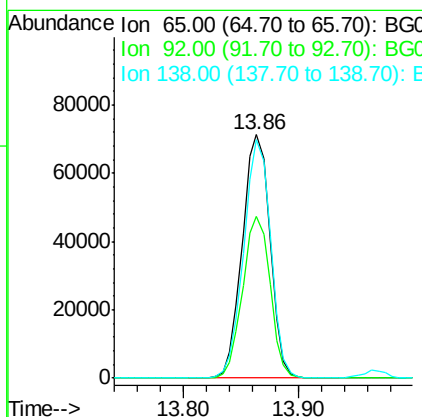
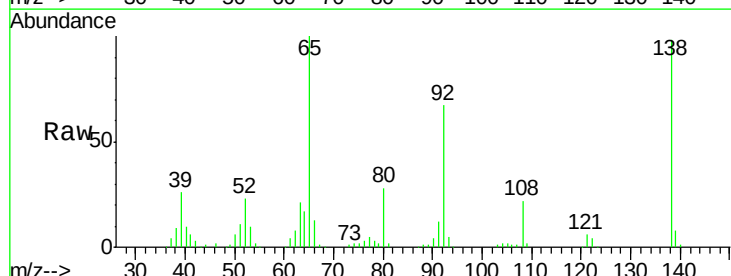
Instrument :
 BNA_G
 ClientSampleId :

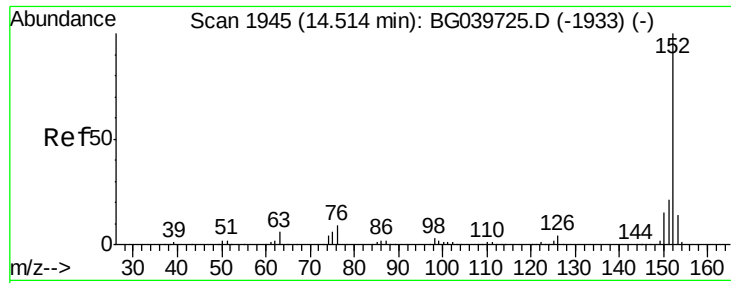
Tot Ion:162 Resp: 341147
 Ion Ratio Lower Upper
 162 100
 127 37.9 31.0 46.6
 164 32.7 25.7 38.5



#48
 2-Nitroaniline
 Concen: 45.694 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG040038.D
 Acq: 20 Mar 2019 16:23

Tgt Ion: 65 Resp: 119536
 Ion Ratio Lower Upper
 65 100
 92 66.6 51.4 77.2
 138 97.8 71.4 107.2





#49

Acenaphthylene

Concen: 41.638 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

Instrument :

BNA_G

ClientSampleId :

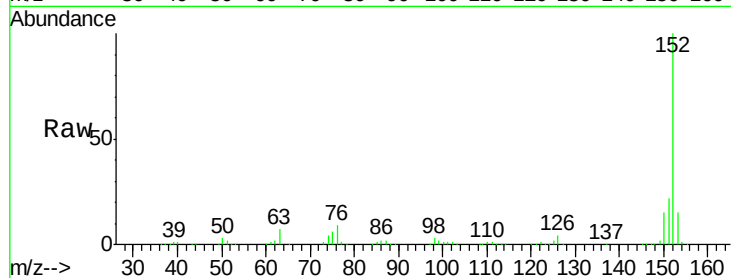
Tot Ion:152 Resp: 556419

Ion Ratio Lower Upper

152 100

151 21.9 16.8 25.2

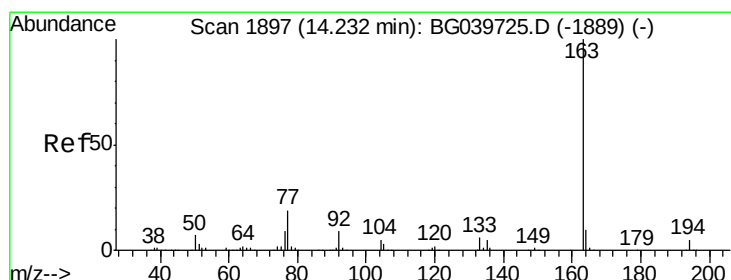
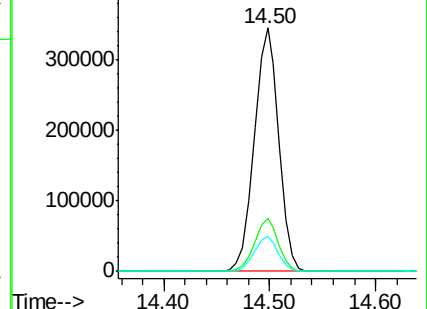
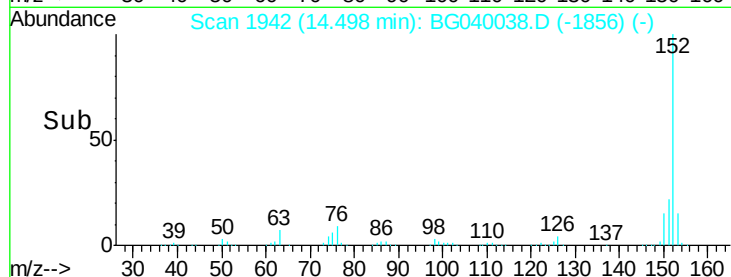
153 14.5 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.952 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

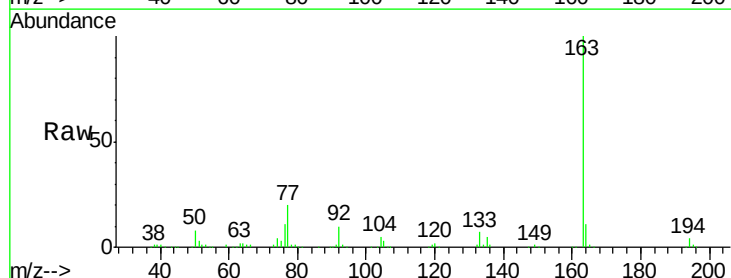
Tgt Ion:163 Resp: 472507

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

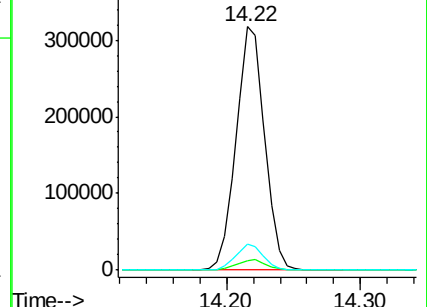
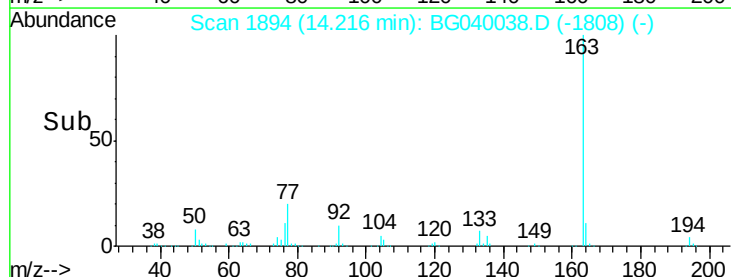
164 10.5 8.4 12.6

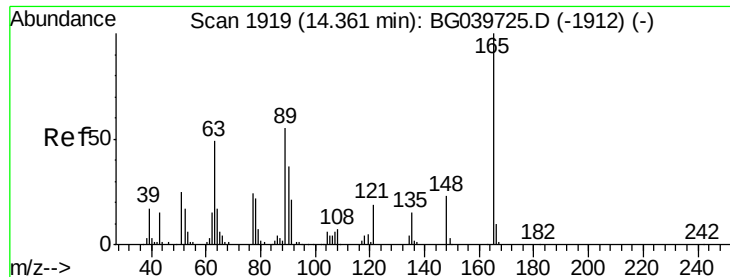


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

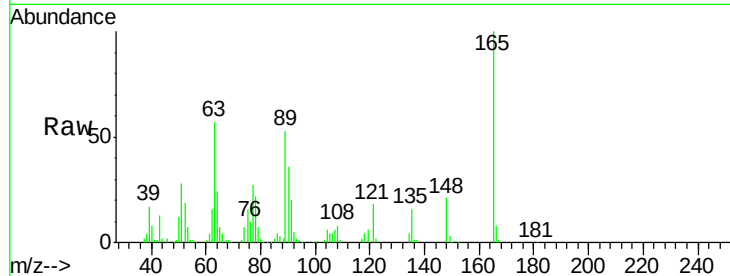




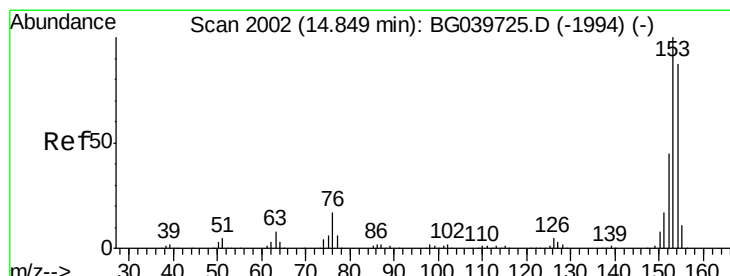
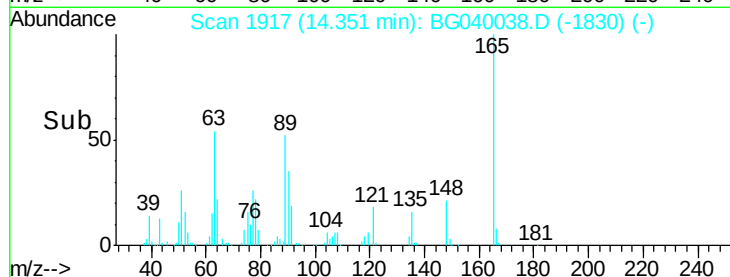
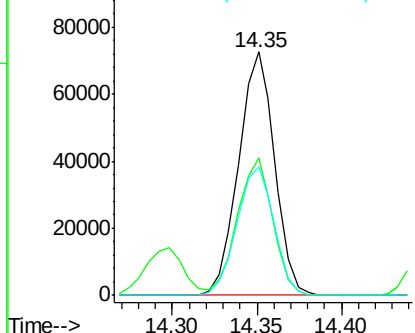
#51
2,6-Dinitrotoluene
Concen: 46.086 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 107479
Ion Ratio Lower Upper
165 100
63 56.6 47.0 70.6
89 52.8 45.8 68.8

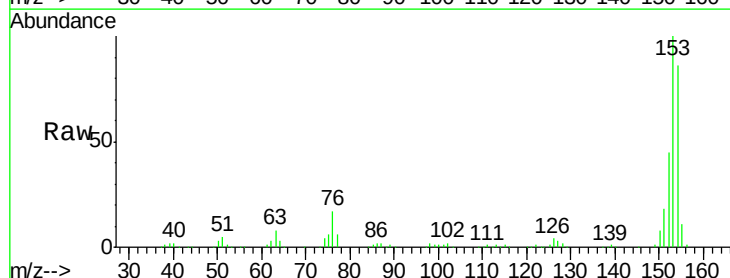


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

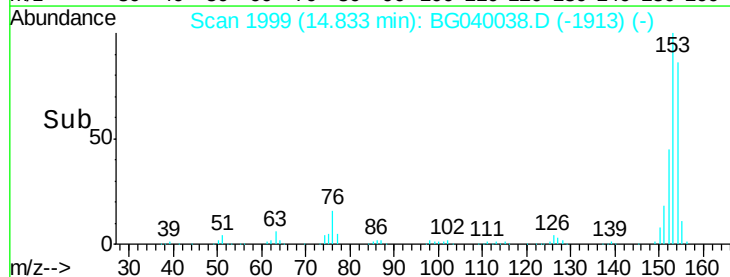
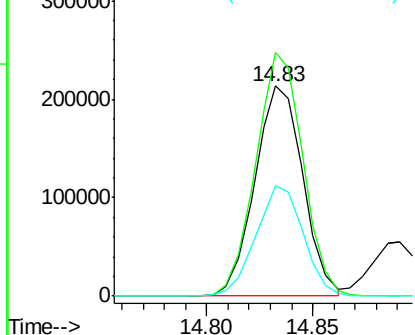


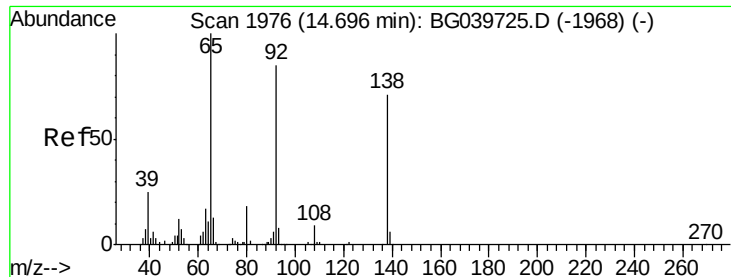
#52
Acenaphthene
Concen: 41.935 ng
RT: 14.83 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Tgt Ion:154 Resp: 337282
Ion Ratio Lower Upper
154 100
153 115.8 90.1 135.1
152 52.5 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

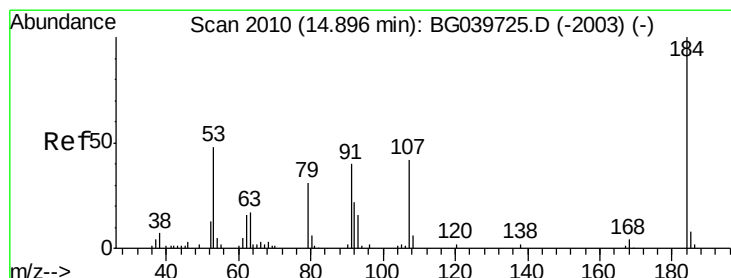
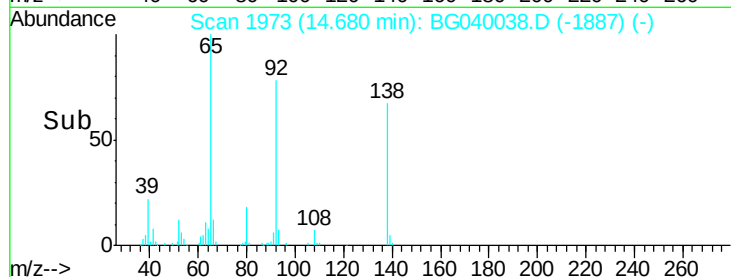
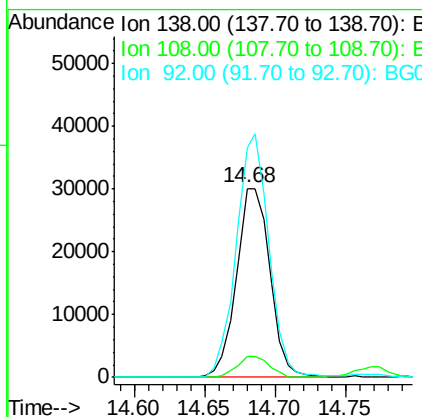
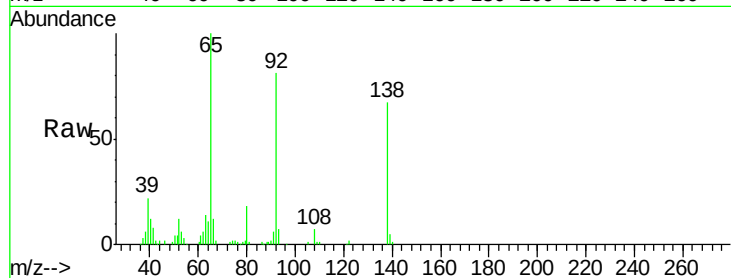




#53
3-Nitroaniline
Concen: 21.339 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

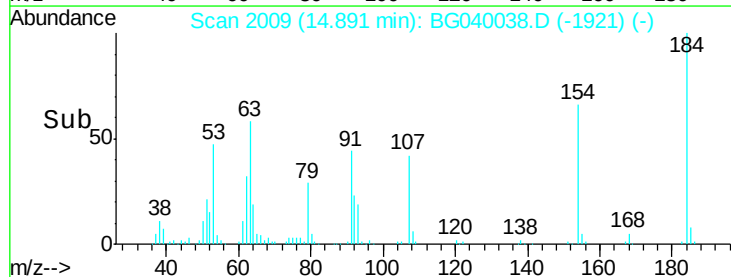
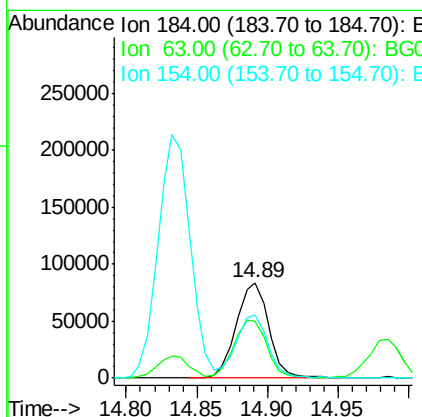
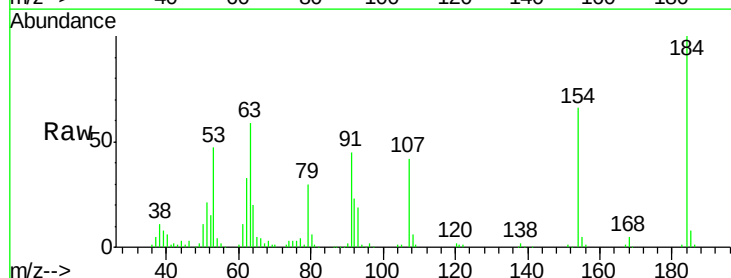
Instrument :
BNA_G
ClientSampled :

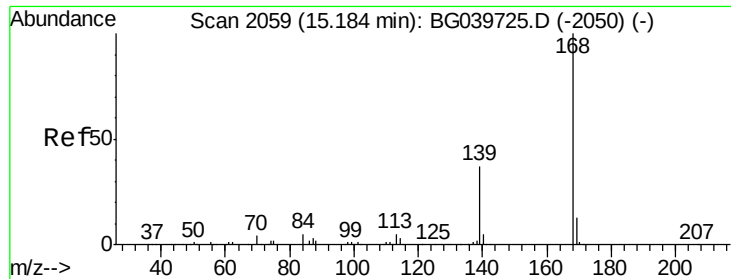
Tot Ion:138 Resp: 50025
Ion Ratio Lower Upper
138 100
108 10.8 13.8 20.8#
92 121.7 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 91.385 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Tgt Ion:184 Resp: 135580
Ion Ratio Lower Upper
184 100
63 59.2 50.9 76.3
154 65.6 53.0 79.6

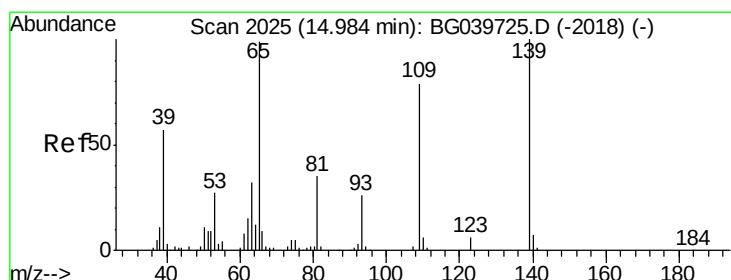
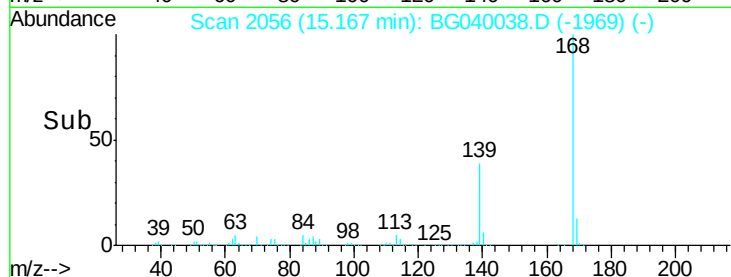
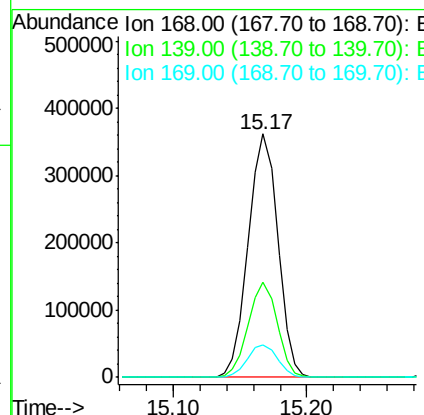
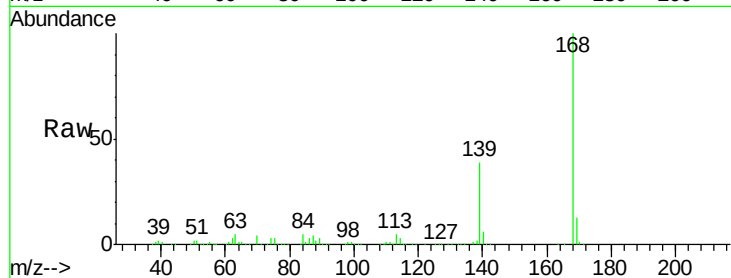




#55
Dibenzenofuran
Concen: 41.968 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

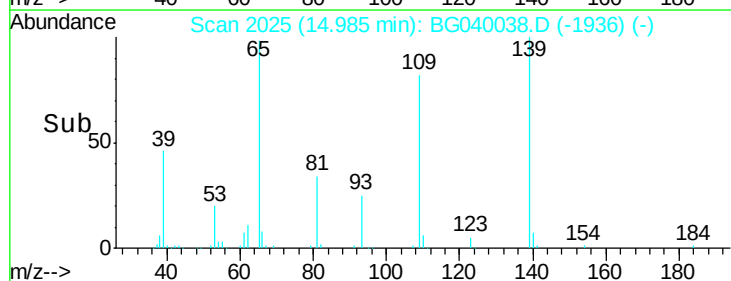
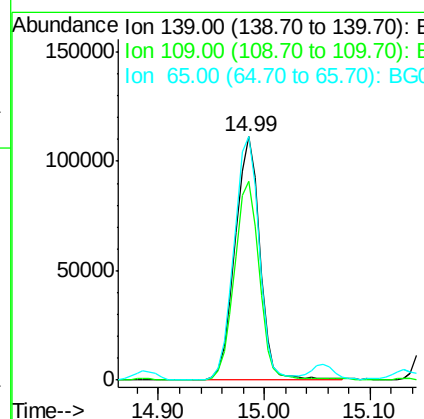
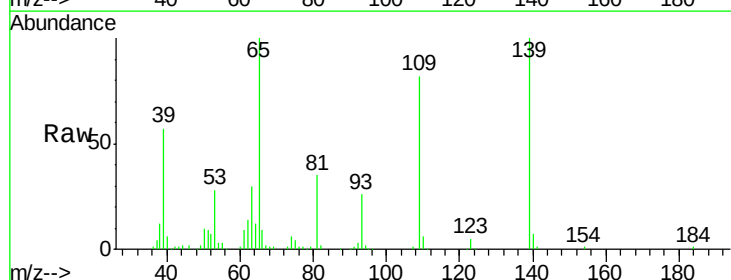
Instrument :
BNA_G
ClientSampled :

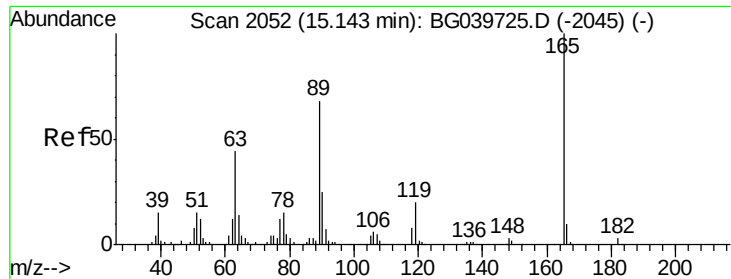
Tot Ion:168 Resp: 553810
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 85.791 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Tgt Ion:139 Resp: 179916
Ion Ratio Lower Upper
139 100
109 81.8 61.9 101.9
65 99.9 99.1 139.1

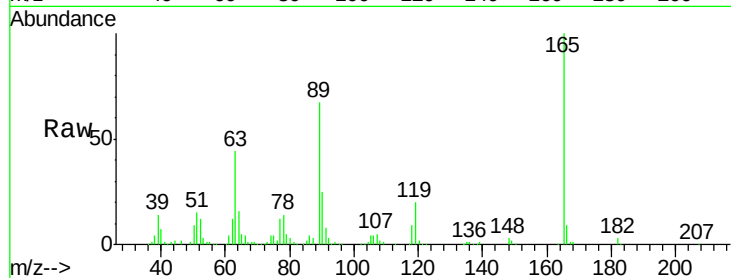




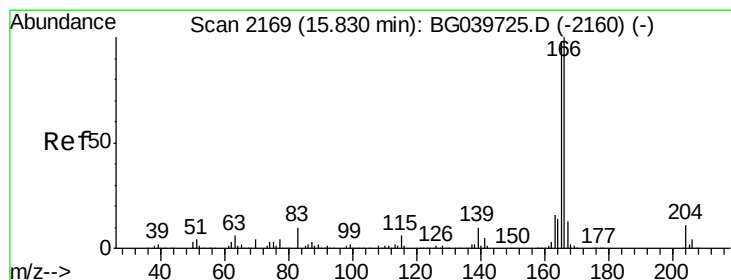
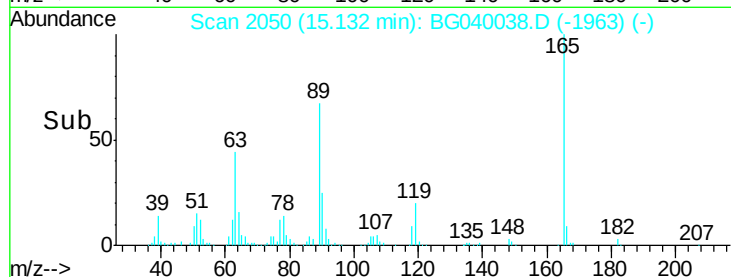
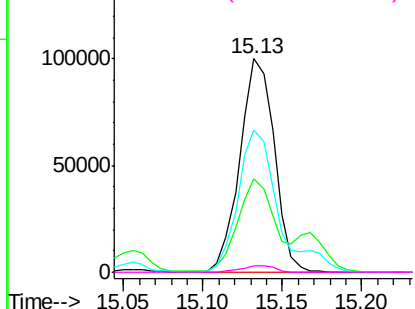
#57
2,4-Dinitrotoluene
Concen: 46.099 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	165	Resp:	151062
Ion	Ratio	Lower	Upper
165	100		
63	43.6	41.0	61.6
89	66.6	64.6	96.8
182	2.8	2.0	3.0

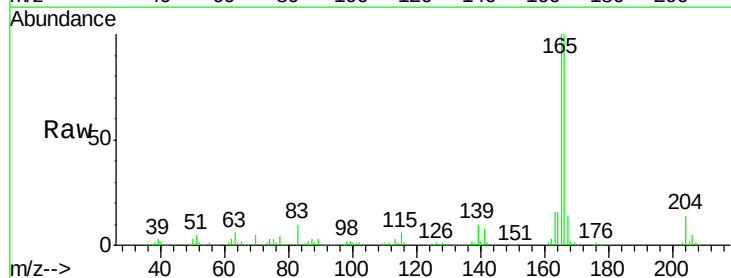


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

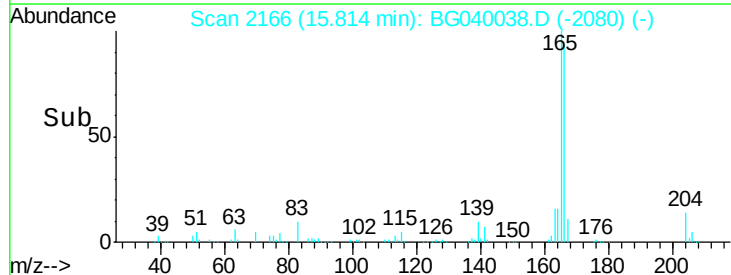
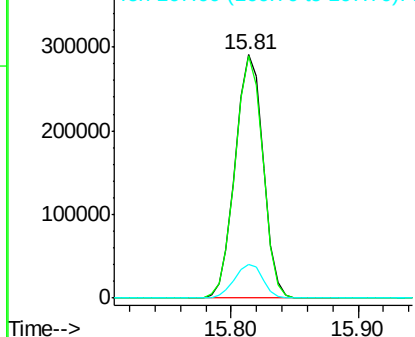


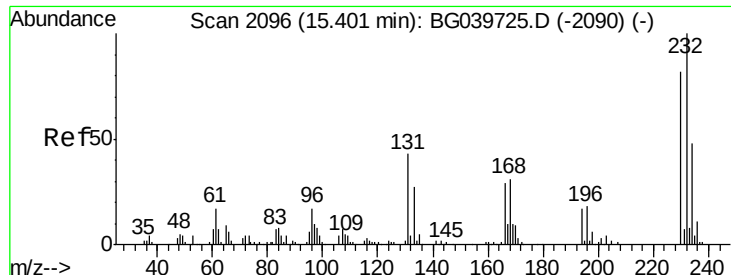
#58
Fluorene
Concen: 42.659 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Tgt Ion:	166	Resp:	442531
Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.9	116.9
167	14.1	10.8	16.2



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

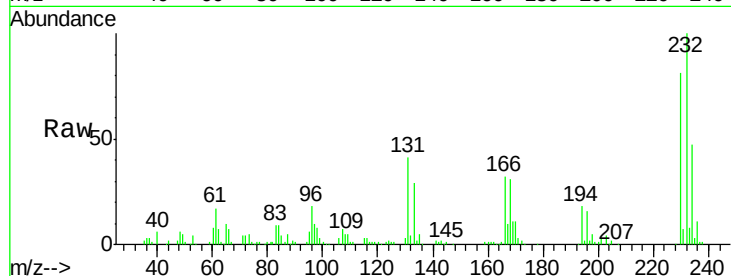




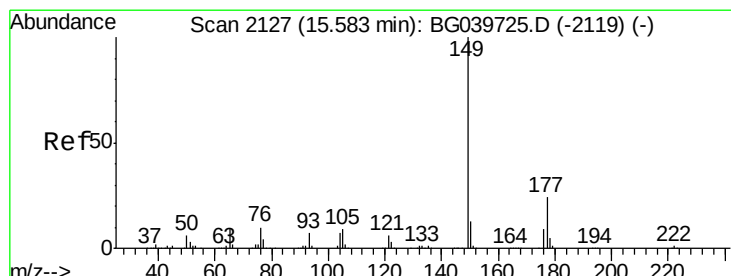
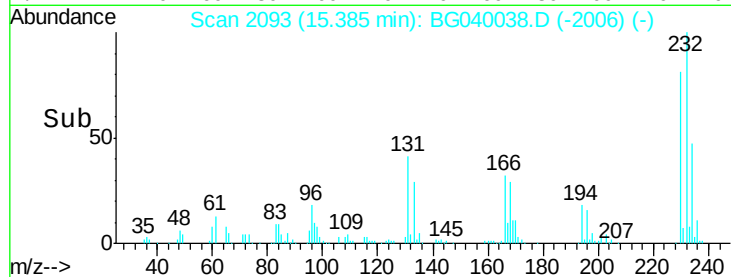
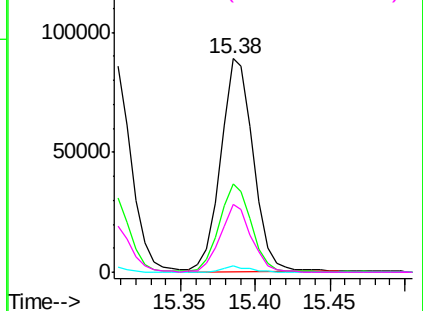
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.984 ng
 RT: 15.38 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040038.D
 Acq: 20 Mar 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	134957
Ion	Ratio	Lower	Upper
232	100		
131	41.9	34.9	52.3
130	2.3	2.0	3.0
166	30.8	24.1	36.1

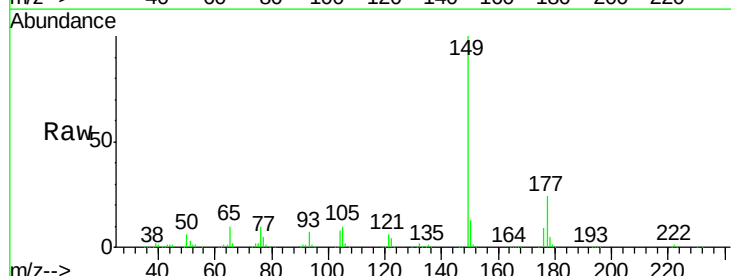


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

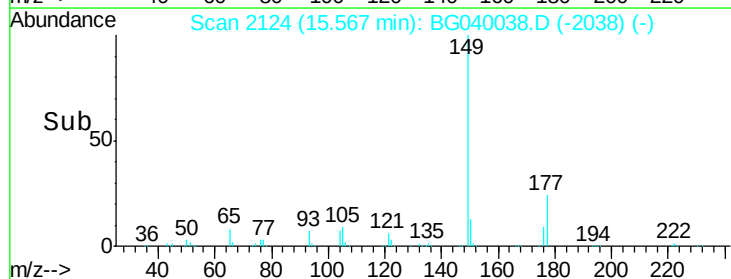
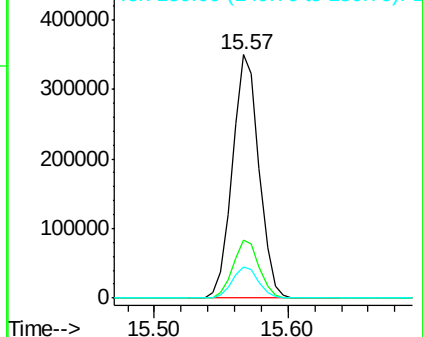


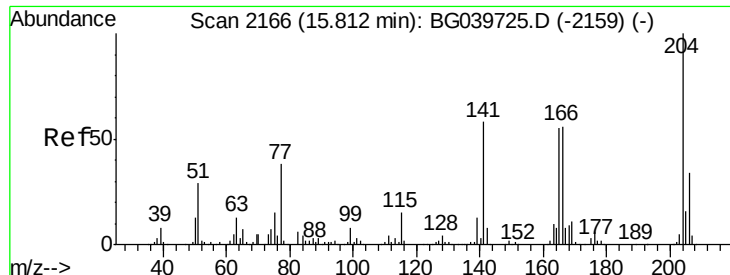
#60
 Diethylphthalate
 Concen: 44.319 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040038.D
 Acq: 20 Mar 2019 16:23

Tgt Ion:	149	Resp:	482634
Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.3	27.5
150	12.5	10.2	15.2



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

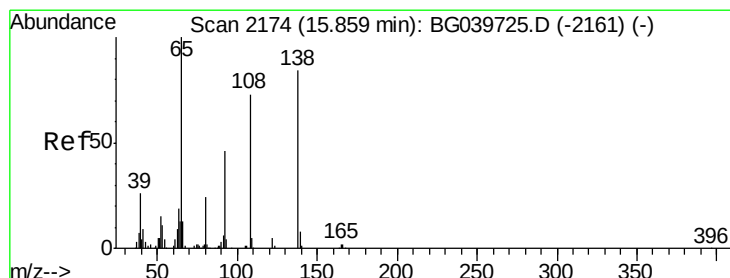
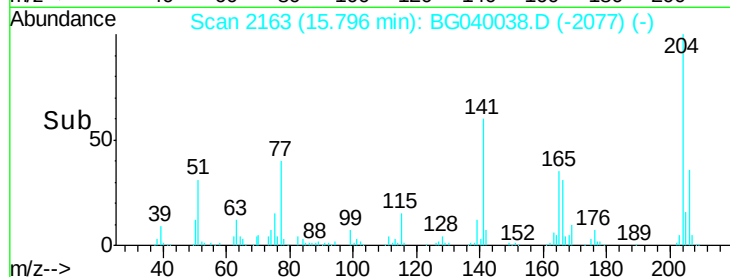
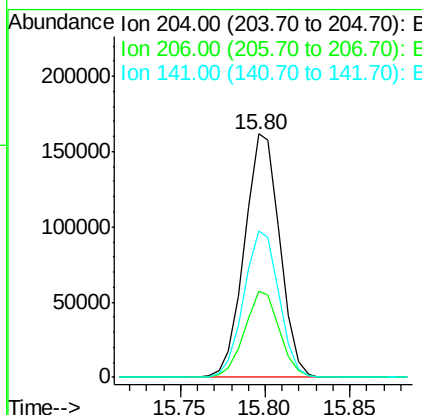
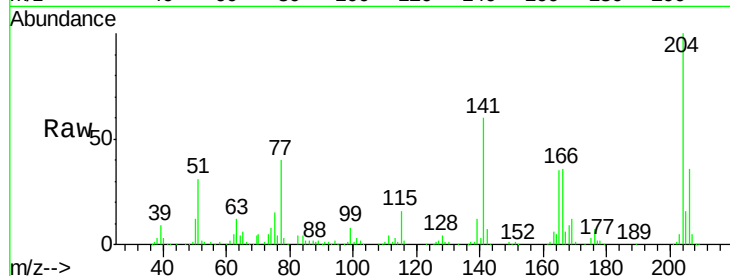




#61
4-Chlorophenyl-phenylether
Concen: 42.351 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

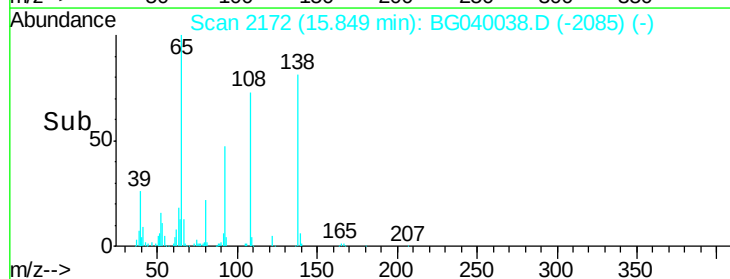
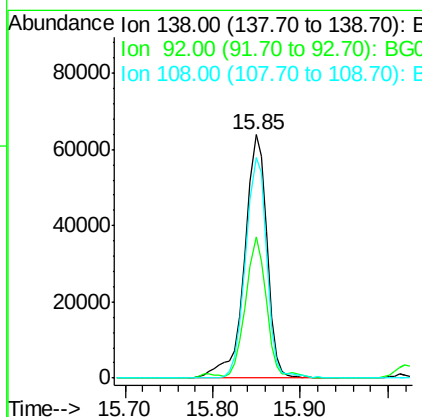
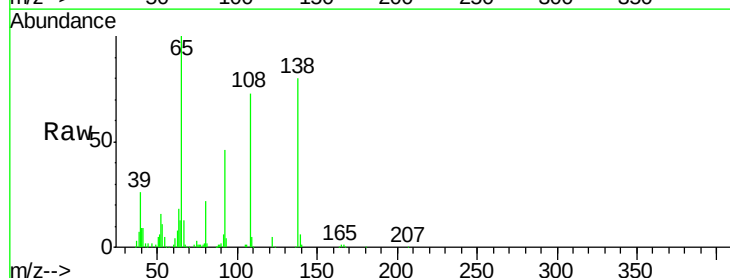
Instrument :
BNA_G
ClientSampled :

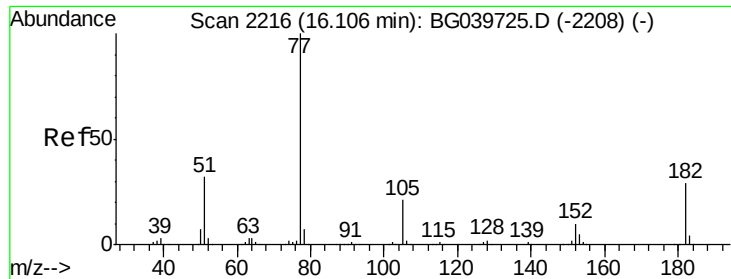
Tot Ion:204 Resp: 234442
Ion Ratio Lower Upper
204 100
206 35.6 29.2 43.8
141 59.9 49.0 73.4



#62
4-Nitroaniline
Concen: 43.260 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Tgt Ion:138 Resp: 109944
Ion Ratio Lower Upper
138 100
92 57.8 38.7 78.7
108 90.5 74.6 114.6





#63

Azobenzene

Concen: 42.864 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 423139

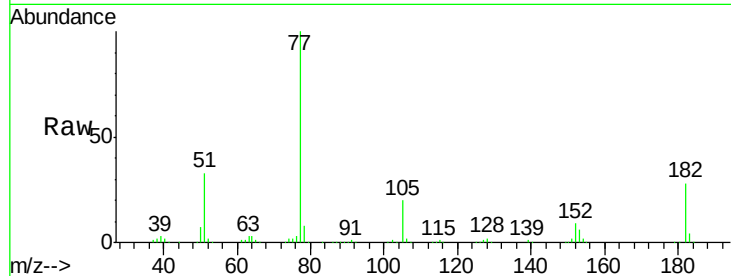
Ion Ratio Lower Upper

77 100

182 28.4 6.4 46.4

105 19.9 0.0 39.8

51 33.0 14.1 54.1

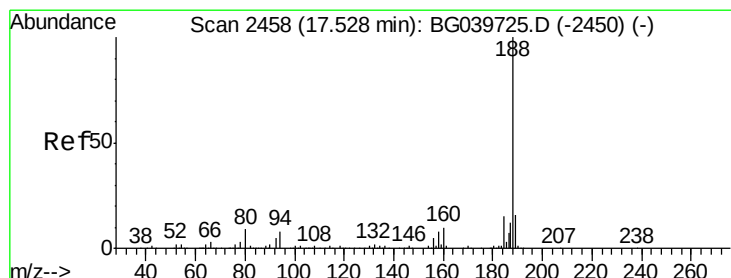
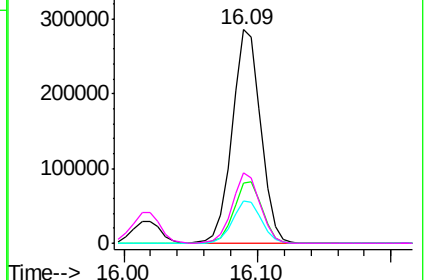
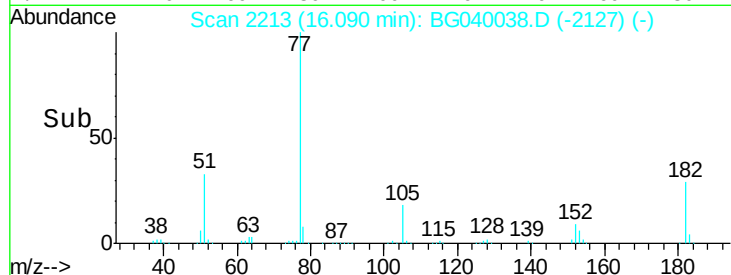


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

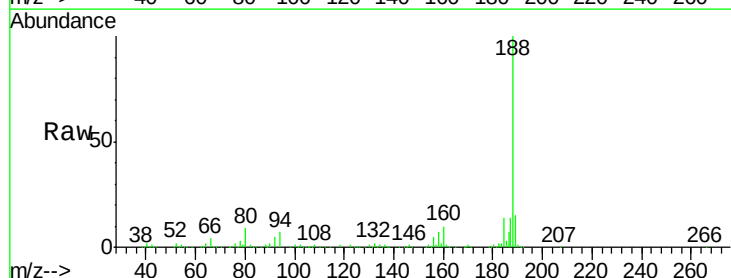
Tgt Ion: 188 Resp: 328067

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

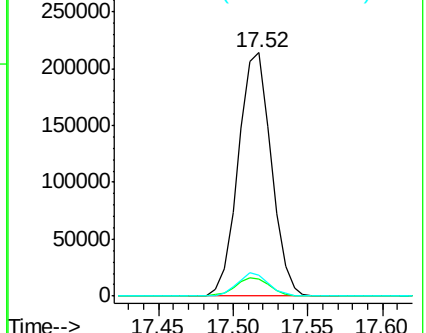
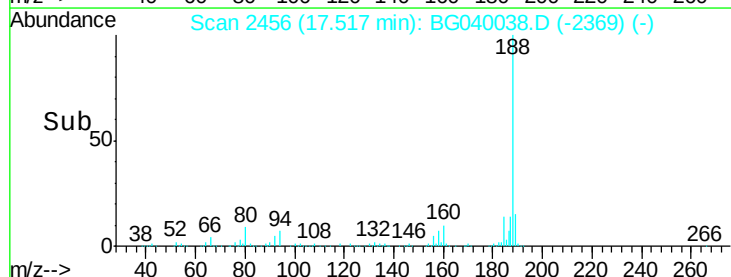
80 8.5 8.1 12.1

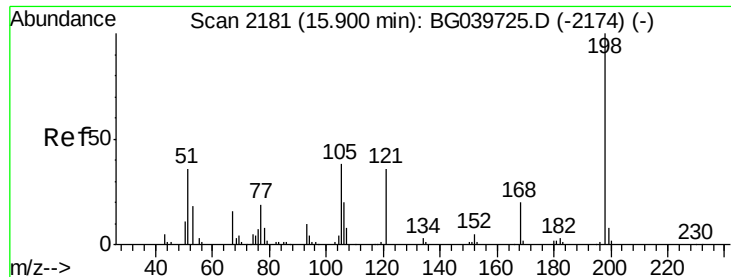


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 50.278 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

Instrument :

BNA_G

ClientSampled :

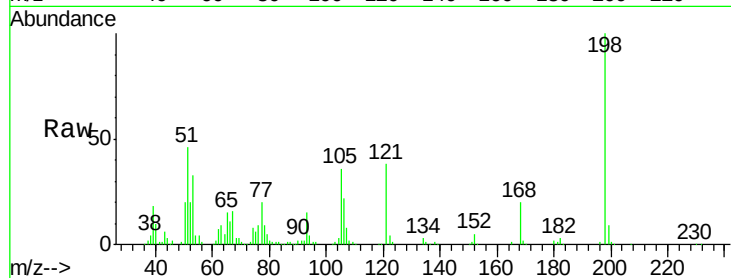
Tot Ion:198 Resp: 97526

Ion	Ratio	Lower	Upper
198	100		
51	45.7	27.4	67.4
105	36.3	19.7	59.7

198 100

51 45.7 27.4 67.4

105 36.3 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039725.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E

80000

60000

40000

20000

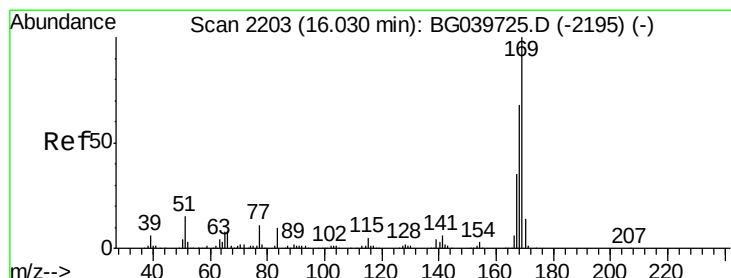
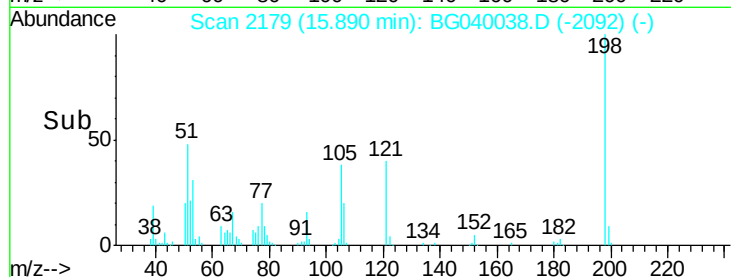
0

15.80

15.89

16.00

Time-->



#66

n-Nitrosodiphenylamine

Concen: 43.066 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

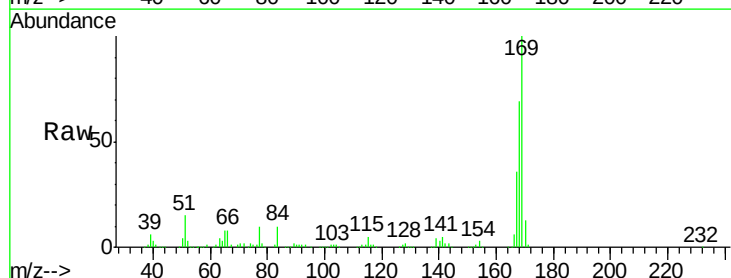
Tgt Ion:169 Resp: 409025

Ion	Ratio	Lower	Upper
169	100		
168	68.6	56.6	85.0
167	36.1	28.8	43.2

169 100

168 68.6 56.6 85.0

167 36.1 28.8 43.2



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

300000

200000

100000

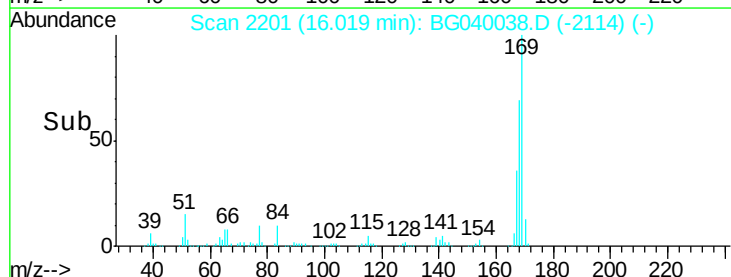
0

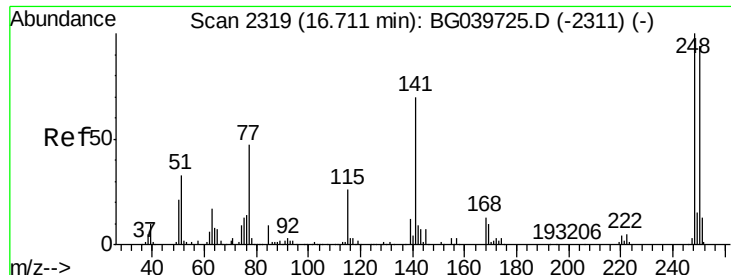
16.00

16.02

16.10

Time-->

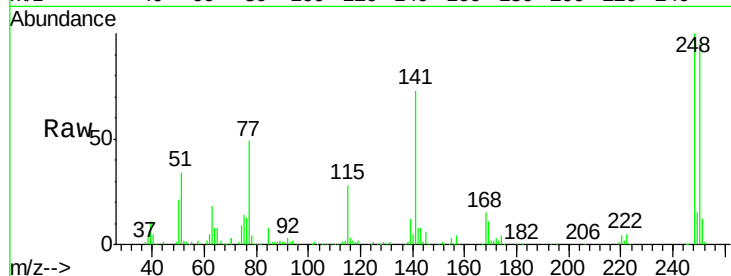




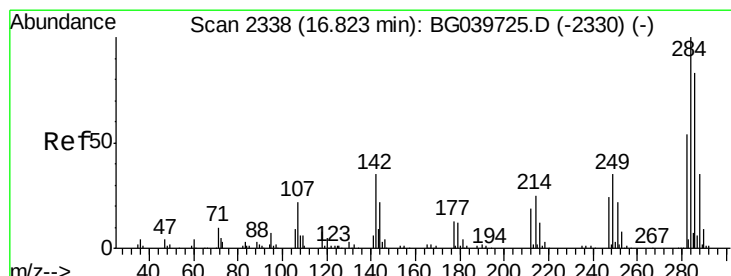
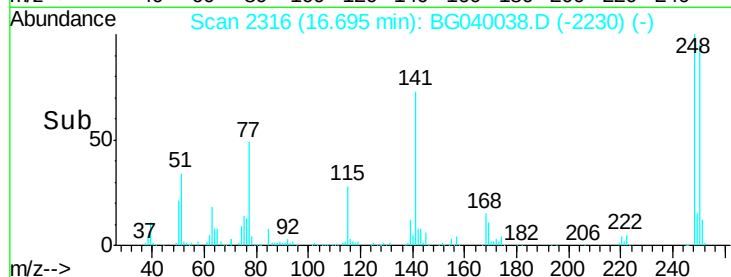
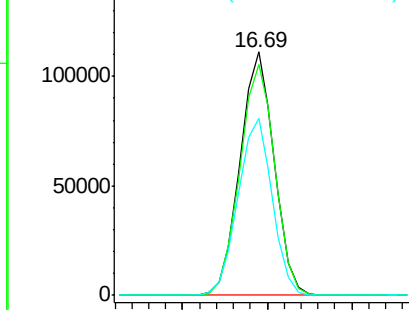
#67
4-Bromophenyl-phenylether
Concen: 42.468 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 155950
Ion Ratio Lower Upper
248 100
250 94.8 77.6 116.4
141 72.9 63.9 95.9

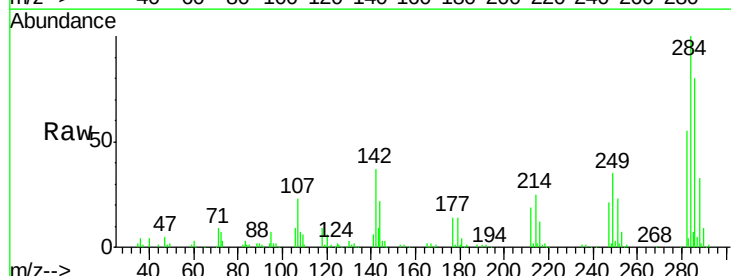


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

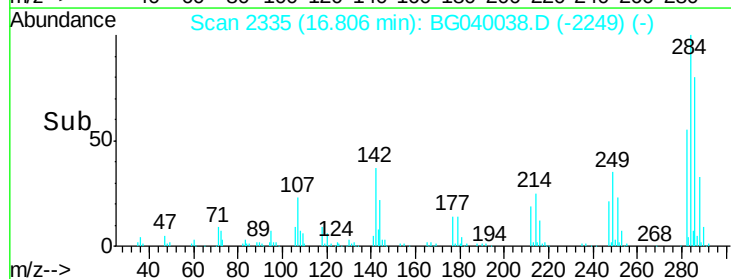
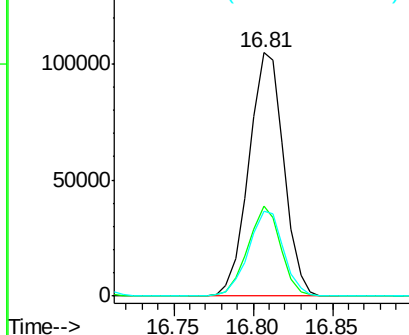


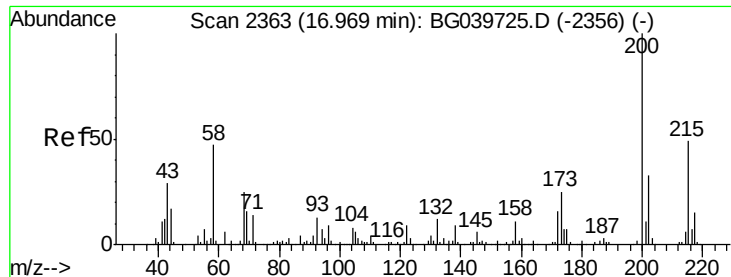
#68
Hexachlorobenzene
Concen: 42.072 ng
RT: 16.81 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Tgt Ion:284 Resp: 160146
Ion Ratio Lower Upper
284 100
142 37.0 30.6 45.8
249 34.9 28.2 42.2



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

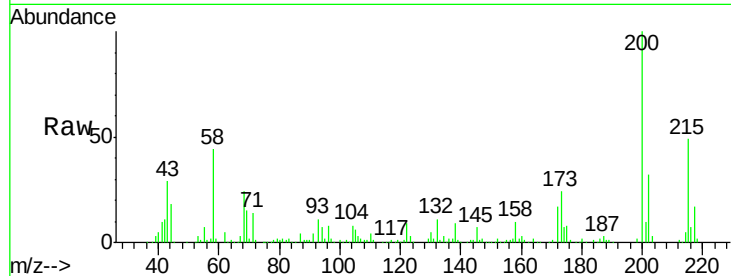




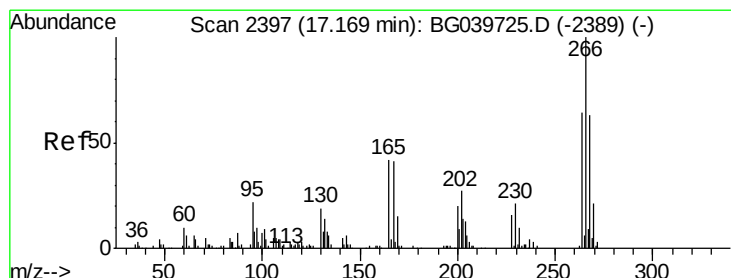
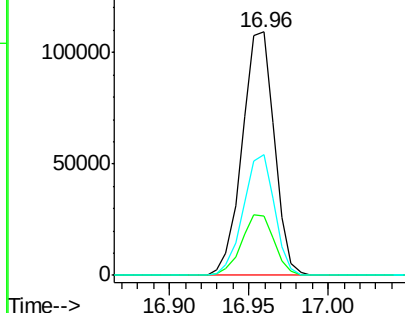
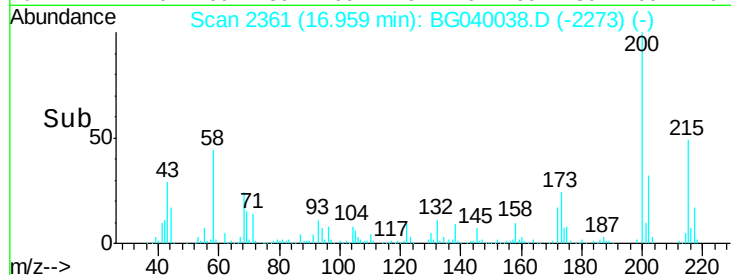
#69
 Atrazine
 Concen: 40.927 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG040038.D
 Acq: 20 Mar 2019 16:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	3.9	43.9
215	49.4	30.9	70.9

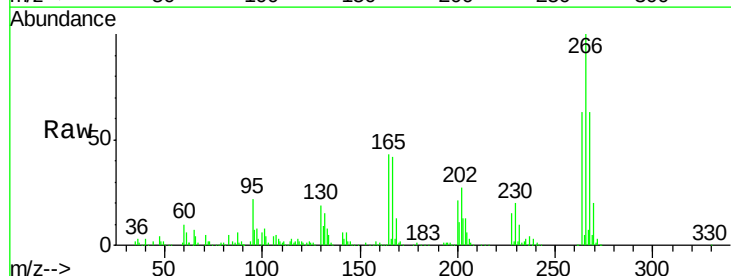


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

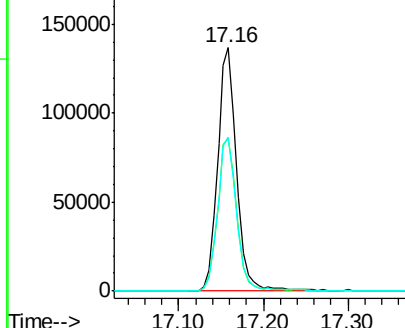
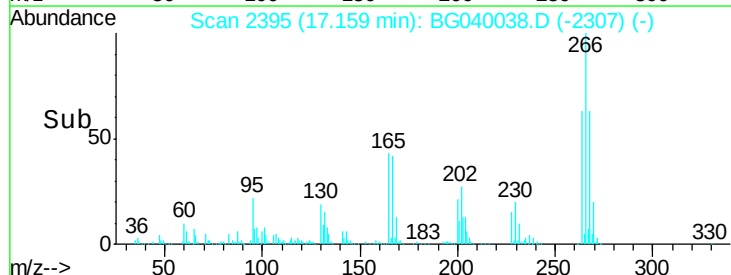


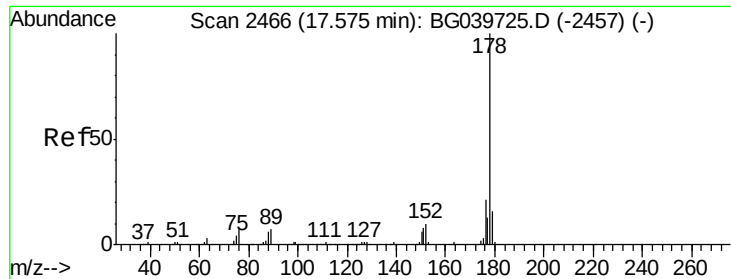
#70
 Pentachlorophenol
 Concen: 89.838 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG040038.D
 Acq: 20 Mar 2019 16:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.1	76.7
264	63.2	52.1	78.1



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

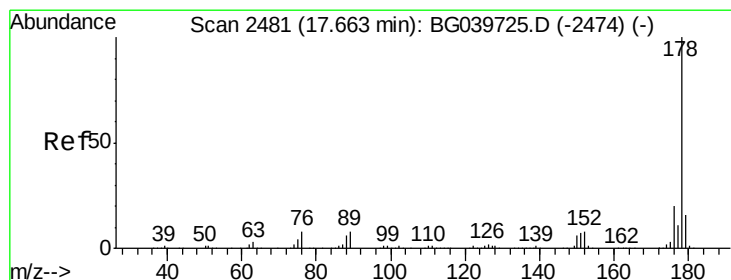
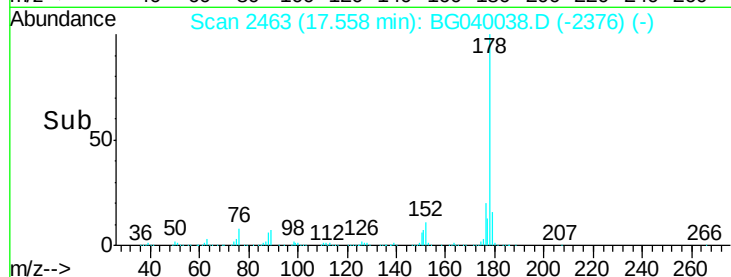
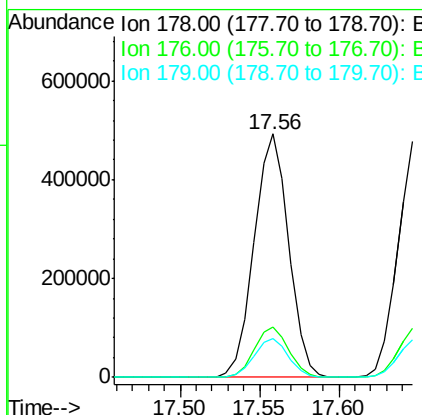
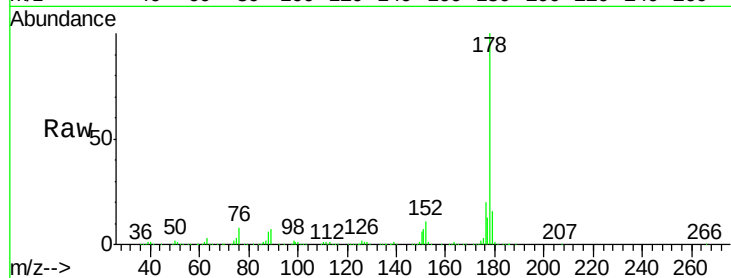




#71
Phenanthrene
Concen: 41.258 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

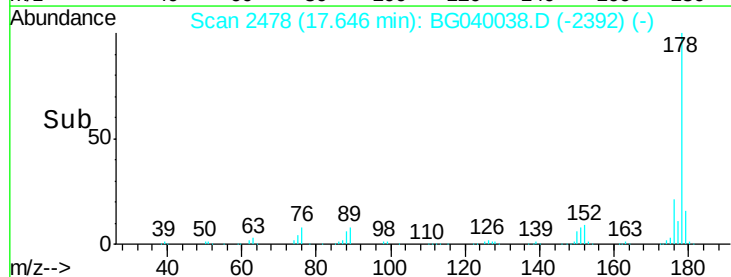
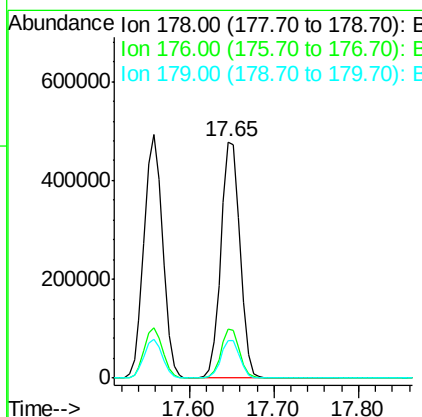
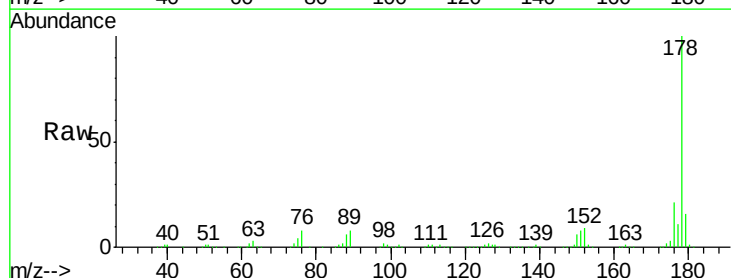
Instrument :
BNA_G
ClientSampled :

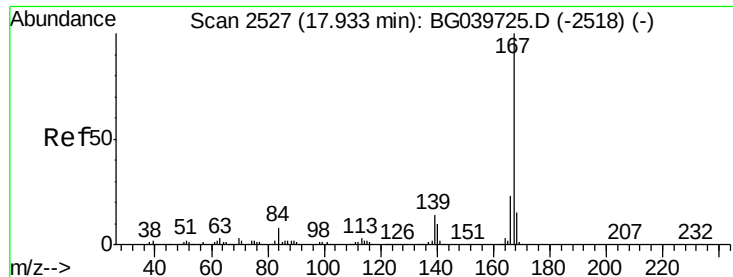
Tot Ion:178 Resp: 745539
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.0 12.6 19.0



#72
Anthracene
Concen: 42.816 ng
RT: 17.65 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Tgt Ion:178 Resp: 753957
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.6
179 16.0 12.5 18.7

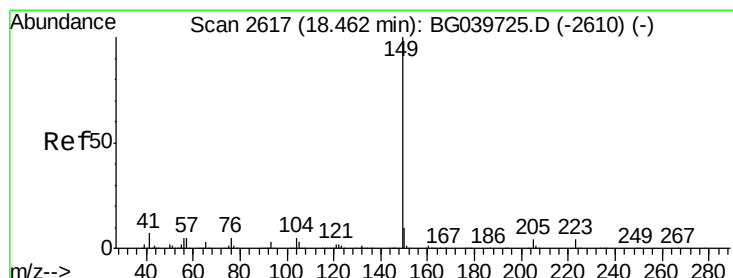
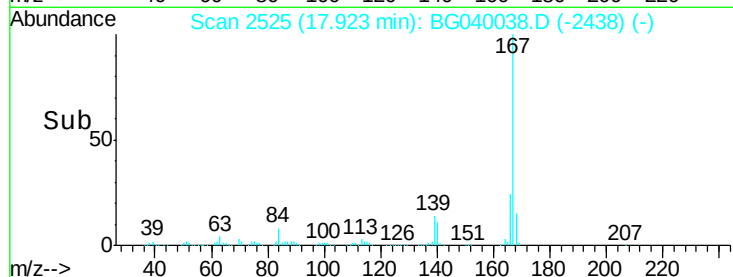
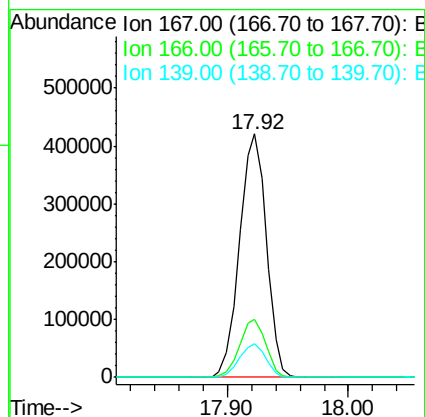
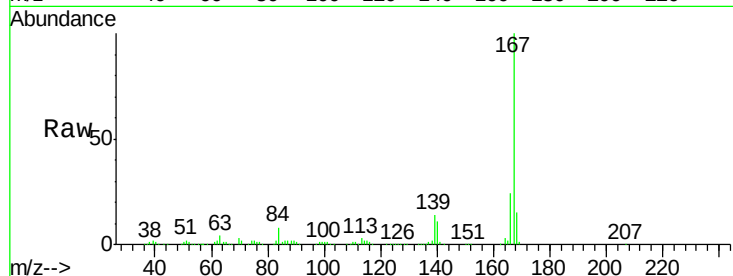




#73
 Carbazole
 Concen: 41.177 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040038.D
 Acq: 20 Mar 2019 16:23

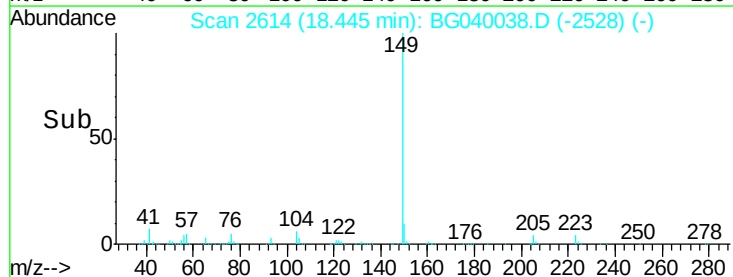
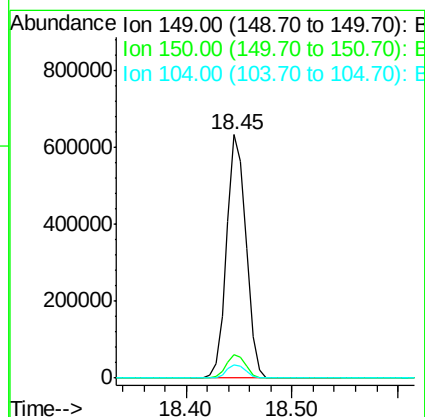
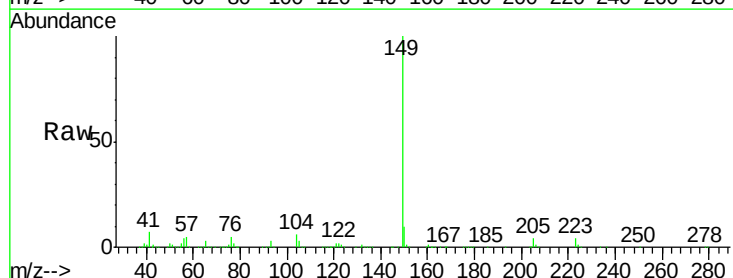
Instrument :
 BNA_G
 ClientSampleId :

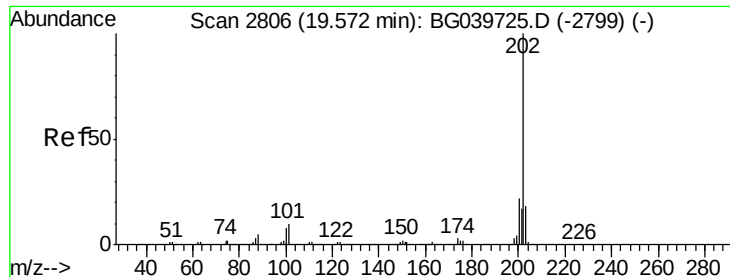
Tot Ion:167 Resp: 653688
 Ion Ratio Lower Upper
 167 100
 166 23.8 19.4 29.2
 139 13.7 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 43.206 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.02 min
 Lab File: BG040038.D
 Acq: 20 Mar 2019 16:23

Tgt Ion:149 Resp: 807012
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.6 4.5 6.7





#75

Fluoranthene

Concen: 40.949 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

Instrument :

BNA_G

ClientSampleId :

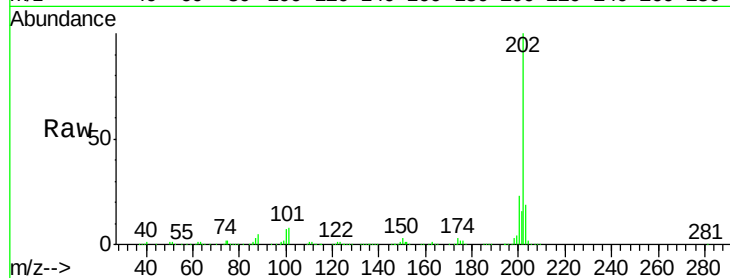
Tot Ion:202 Resp: 874503

Ion Ratio Lower Upper

202 100

101 8.3 0.0 30.0

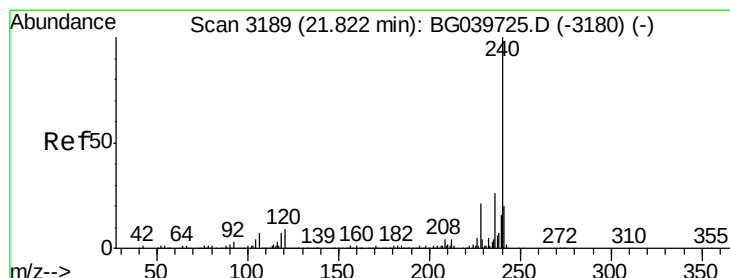
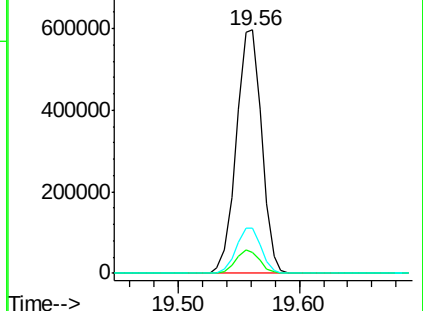
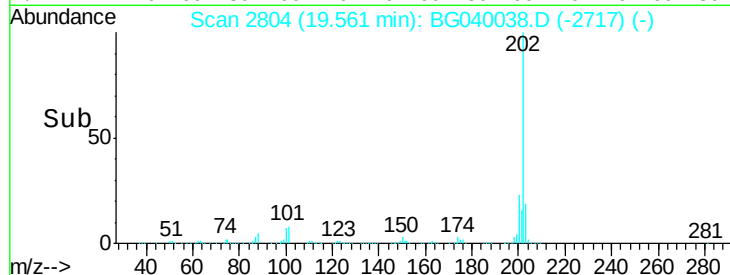
203 18.6 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

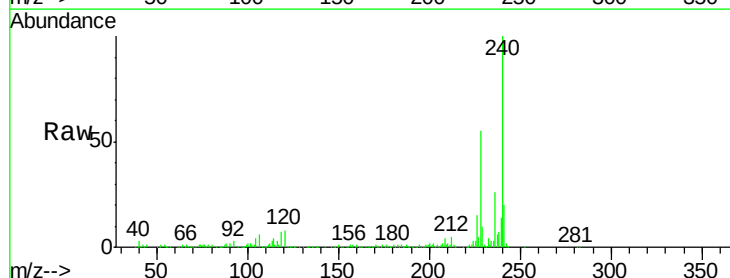
Tgt Ion:240 Resp: 312341

Ion Ratio Lower Upper

240 100

120 8.0 7.0 10.6

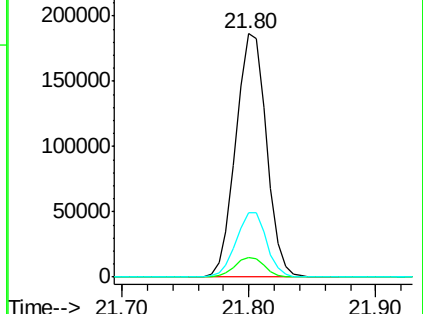
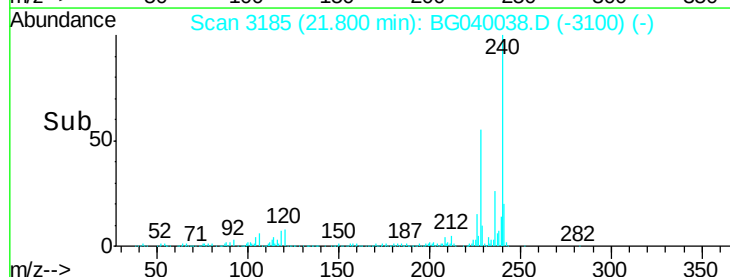
236 26.4 21.0 31.4

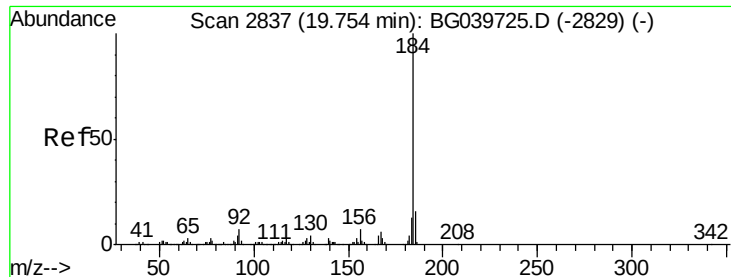


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.832 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

Instrument :

BNA_G

ClientSampled :

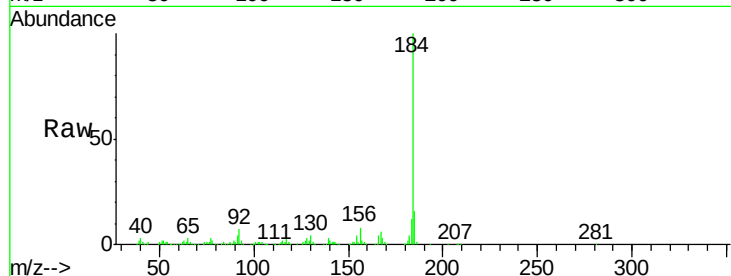
Tot Ion:184 Resp: 265941

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

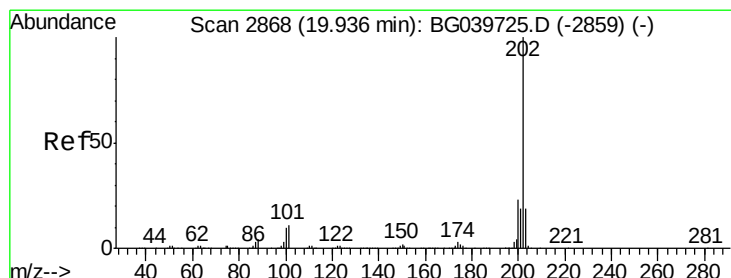
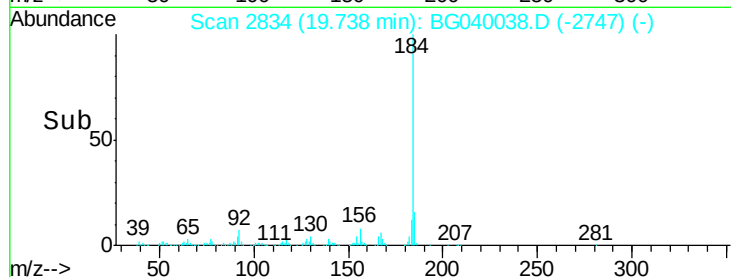
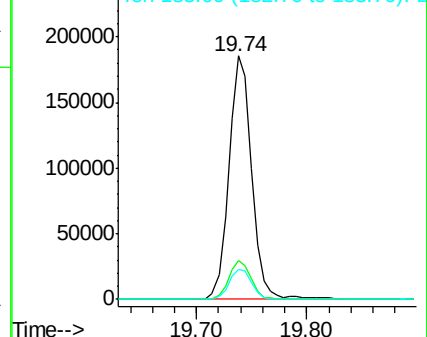
183 12.3 10.6 15.8



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: 43.575 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

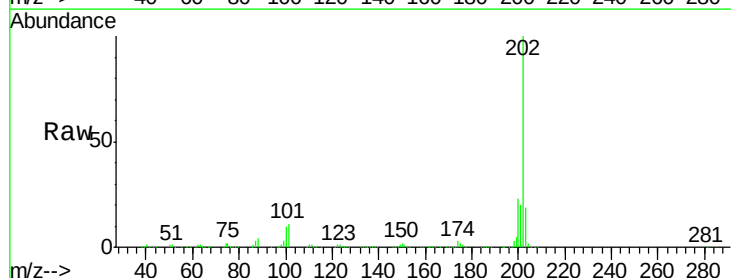
Tgt Ion:202 Resp: 884411

Ion Ratio Lower Upper

202 100

200 23.0 17.8 26.8

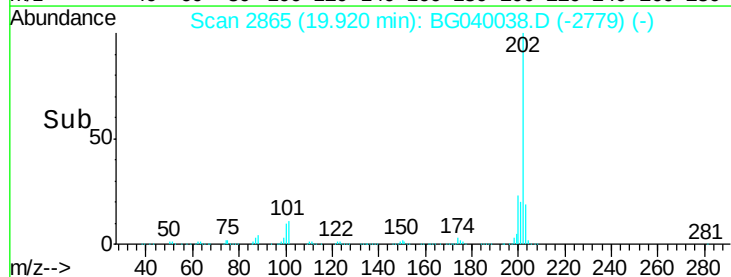
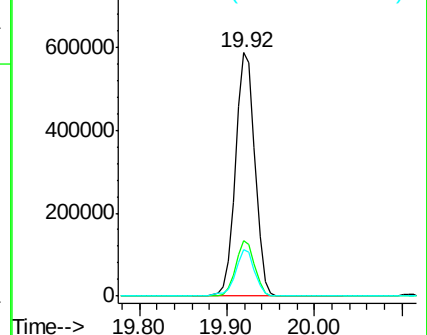
203 18.8 15.3 22.9

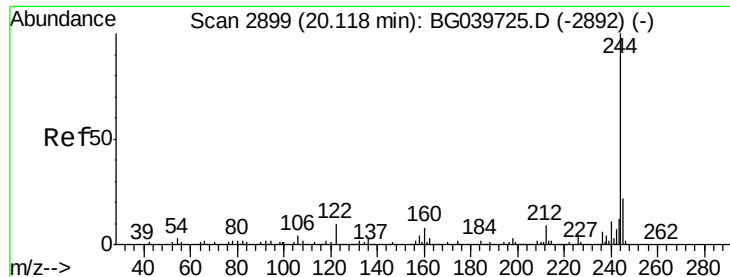


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.441 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

Instrument :

BNA_G

ClientSampleId :

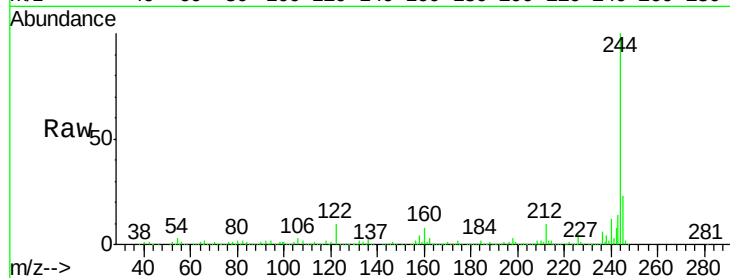
Tot Ion:244 Resp: 1268778

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

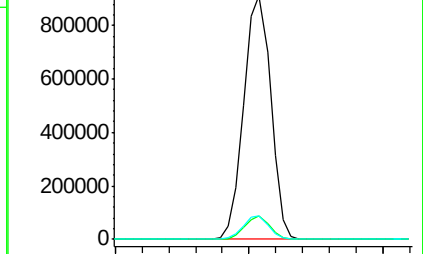
122 9.5 8.4 12.6



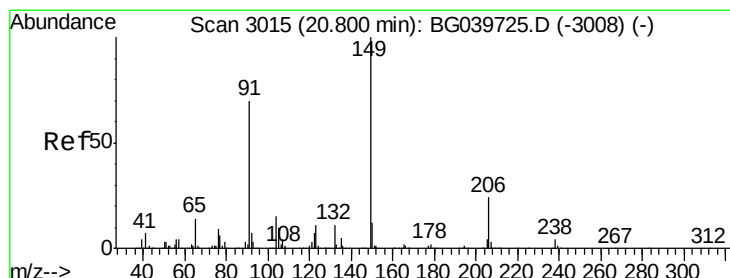
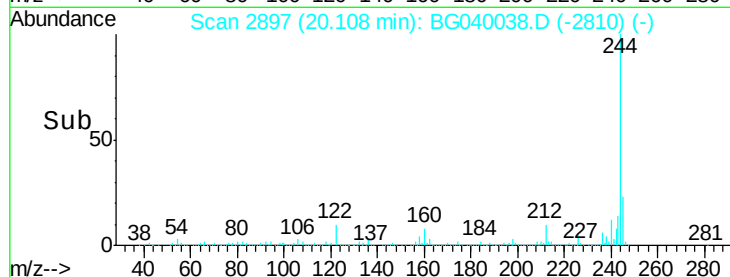
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.00 20.10 20.20



#80

Butylbenzylphthalate

Concen: 46.075 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

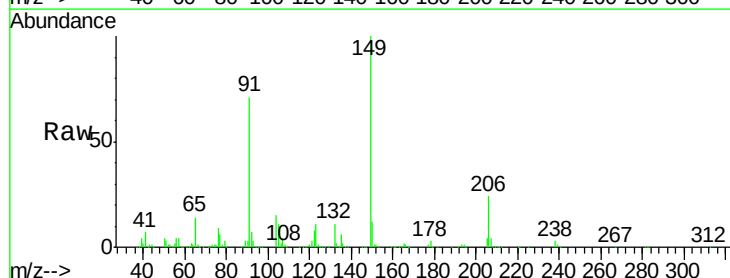
Tgt Ion:149 Resp: 362301

Ion Ratio Lower Upper

149 100

91 71.3 59.5 89.3

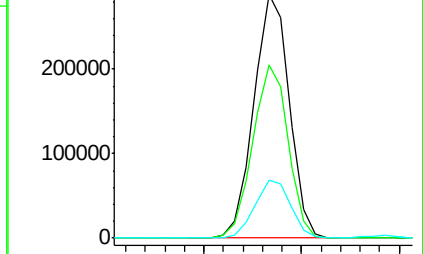
206 23.8 18.6 27.8



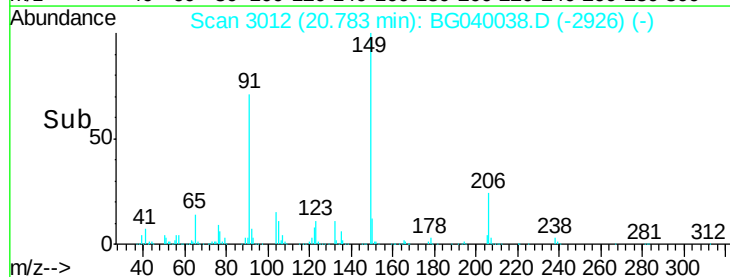
Abundance Ion 149.00 (148.70 to 149.70): E

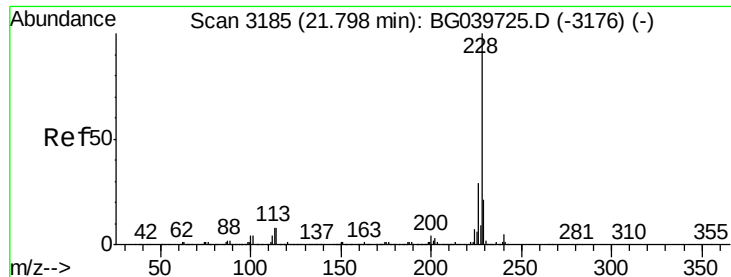
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



Time--> 20.75 20.80





#81

Benzo(a)anthracene

Concen: 43.322 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

Instrument :

BNA_G

ClientSampleId :

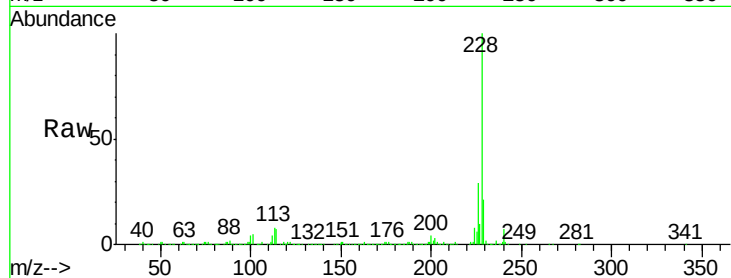
Tot Ion:228 Resp: 848040

Ion Ratio Lower Upper

228 100

226 29.0 23.0 34.6

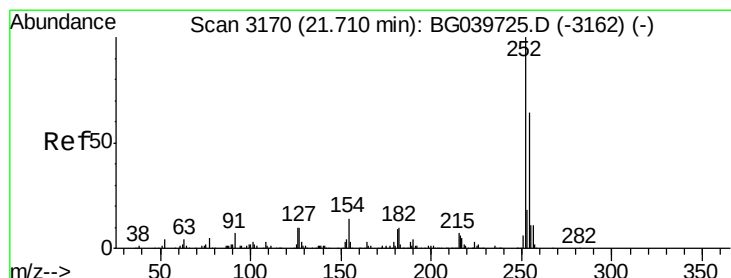
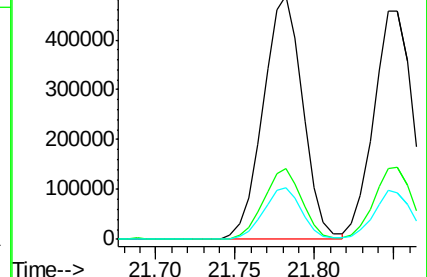
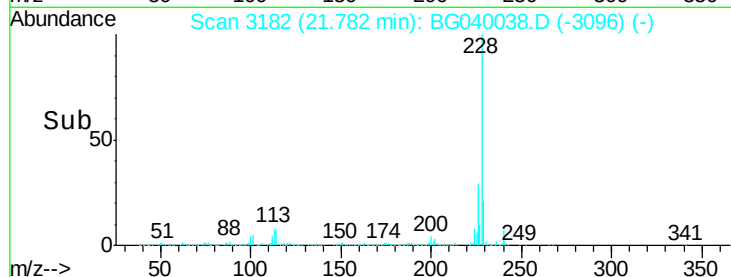
229 21.1 16.9 25.3



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: 23.206 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

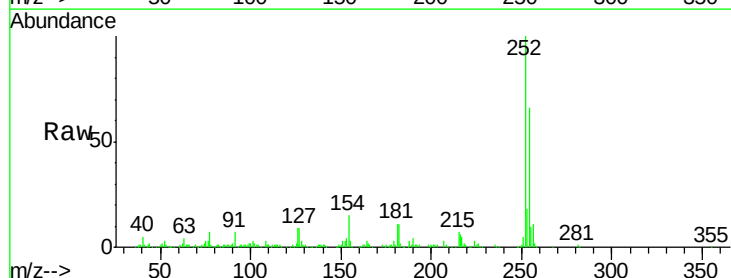
Tgt Ion:252 Resp: 165846

Ion Ratio Lower Upper

252 100

254 65.8 51.3 76.9

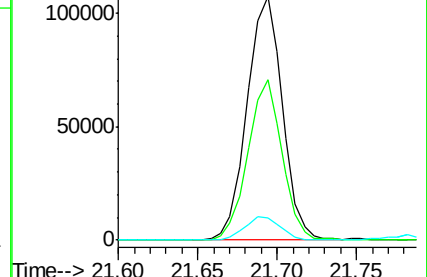
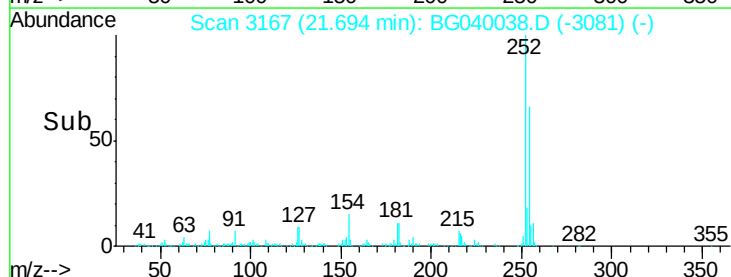
126 8.9 8.0 12.0

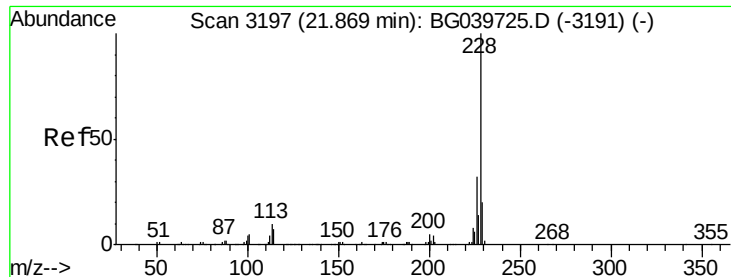


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.005 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.03 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

Instrument :

BNA_G

ClientSampleId :

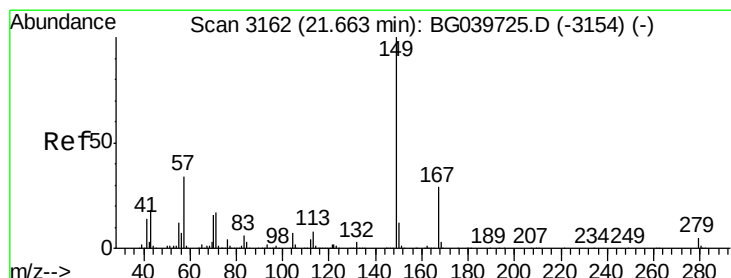
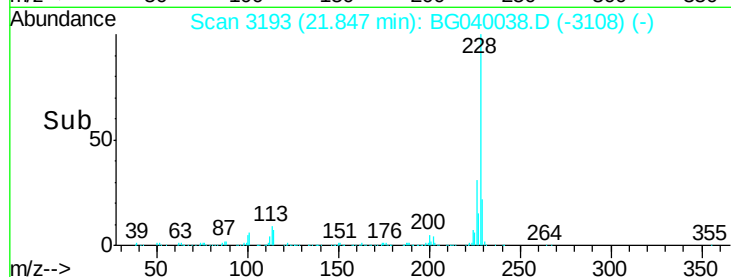
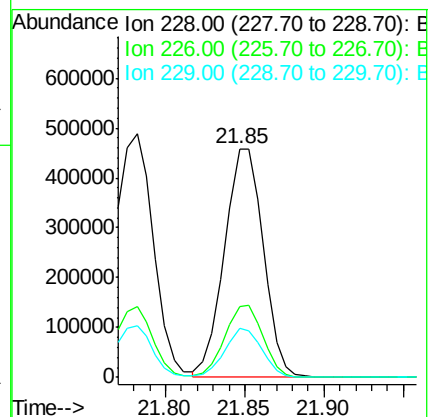
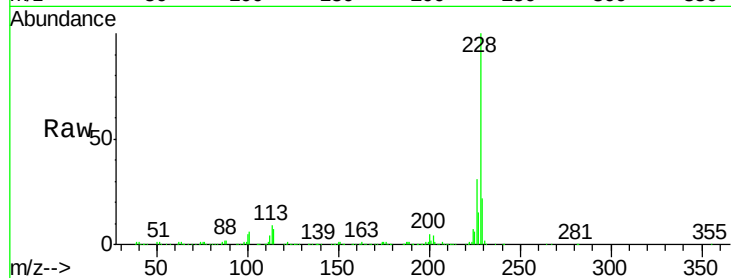
Tot Ion:228 Resp: 778181

Ion Ratio Lower Upper

228 100

226 31.1 25.8 38.6

229 21.5 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.240 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

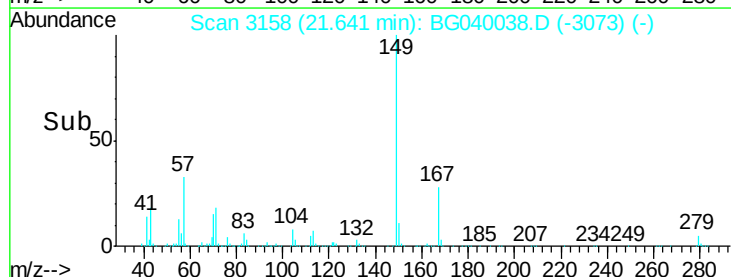
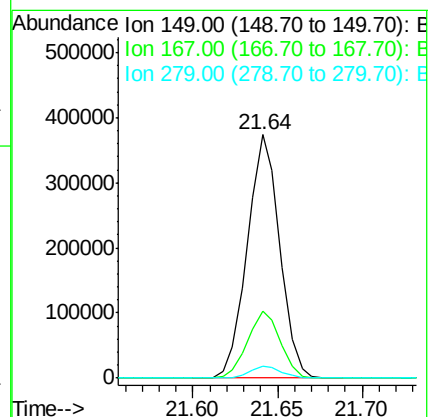
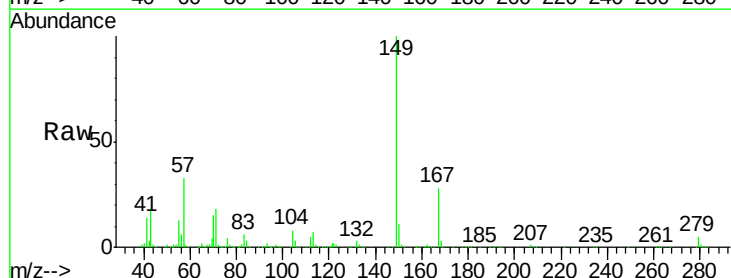
Tgt Ion:149 Resp: 499895

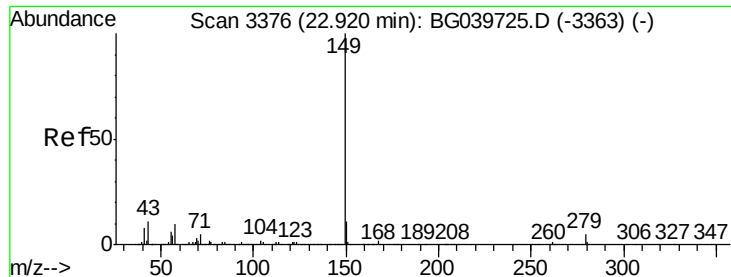
Ion Ratio Lower Upper

149 100

167 27.6 22.6 34.0

279 4.7 3.5 5.3

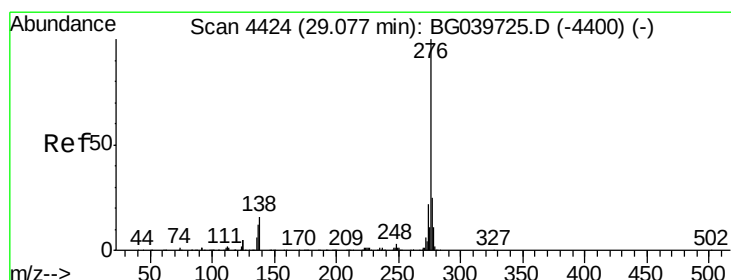
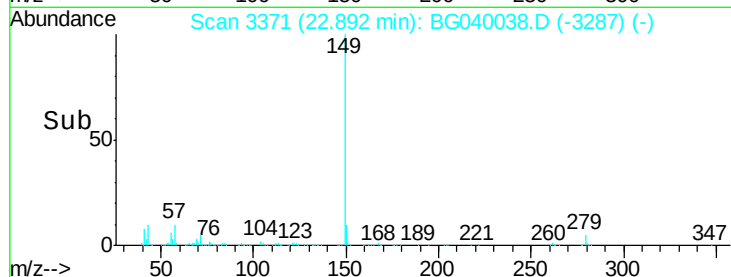
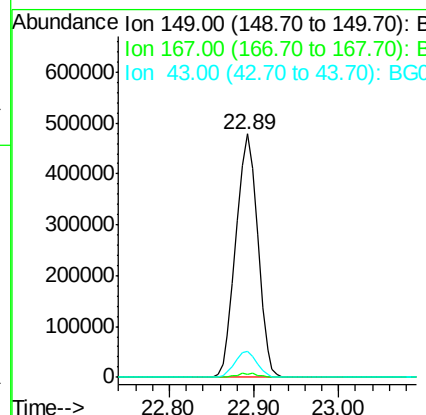
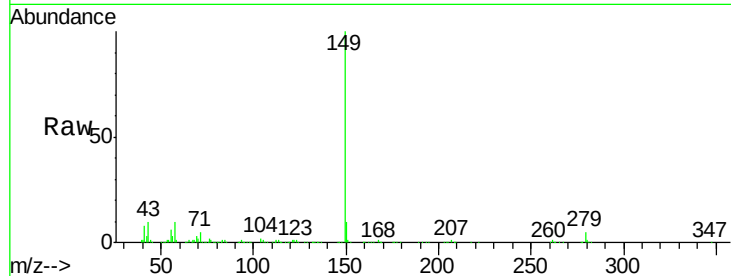




#85
Di-n-octyl phthalate
Concen: 46.524 ng
RT: 22.89 min Scan# 3371
Delta R.T. -0.03 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

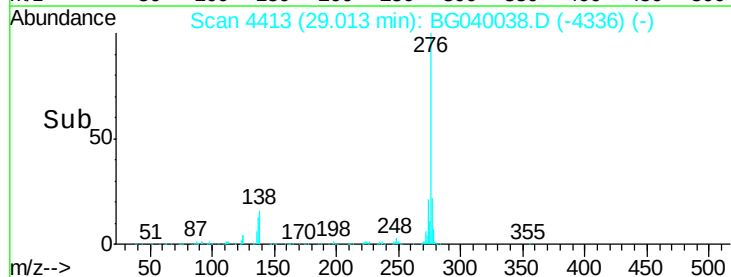
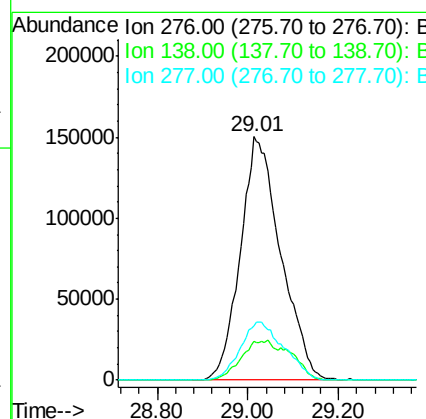
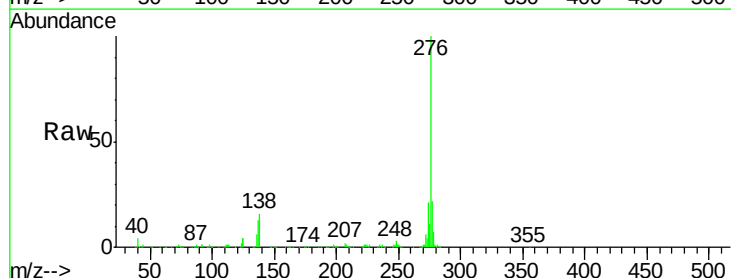
Instrument :
BNA_G
ClientSampleId :

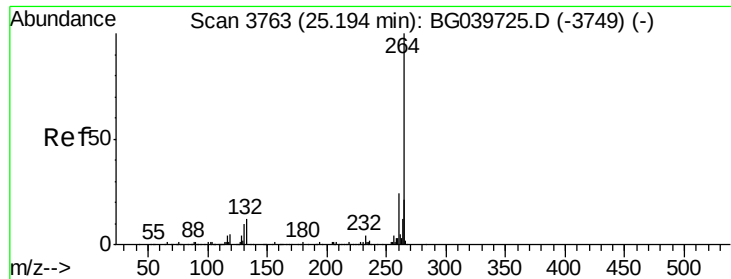
Tot Ion:149 Resp: 851197
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.7 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.111 ng
RT: 29.01 min Scan# 4413
Delta R.T. -0.08 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Tgt Ion:276 Resp: 928142
Ion Ratio Lower Upper
276 100
138 7.9 12.6 19.0#
277 25.9 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

Instrument :

BNA_G

ClientSampled :

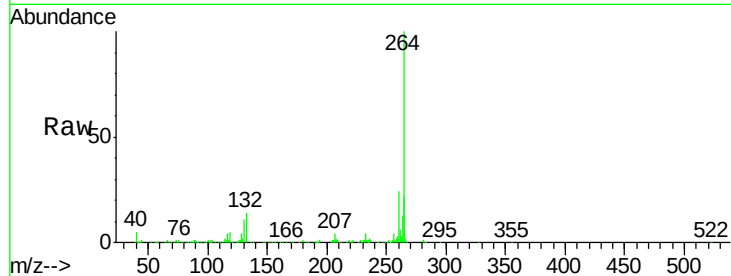
Tot Ion:264 Resp: 301336

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

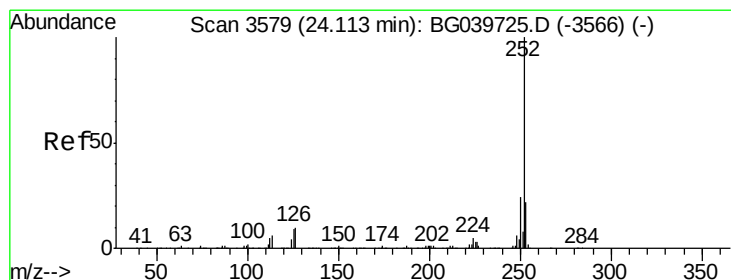
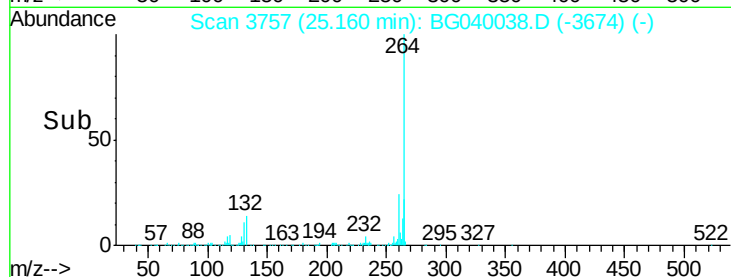
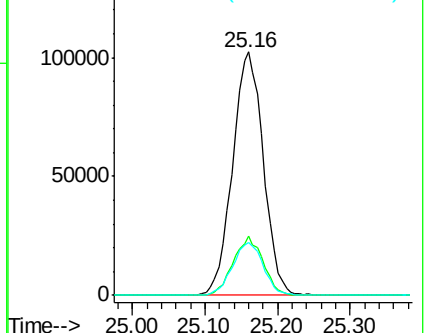
265 21.8 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.354 ng

RT: 24.08 min Scan# 3574

Delta R.T. -0.03 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

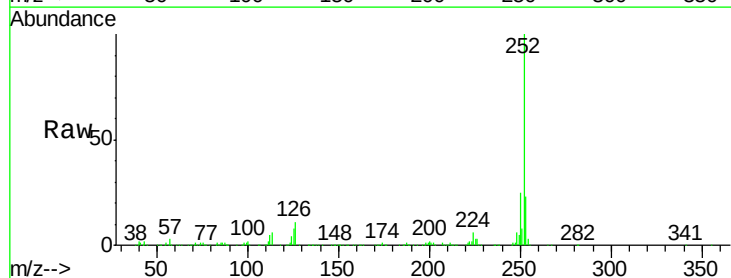
Tgt Ion:252 Resp: 797000

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

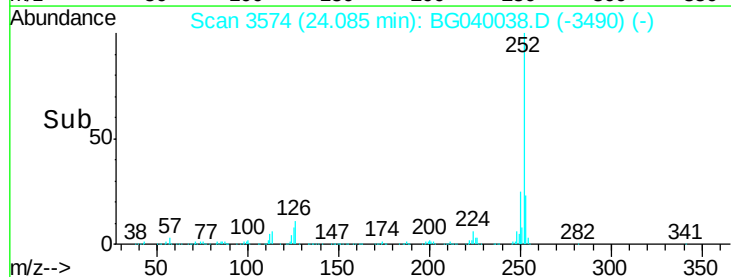
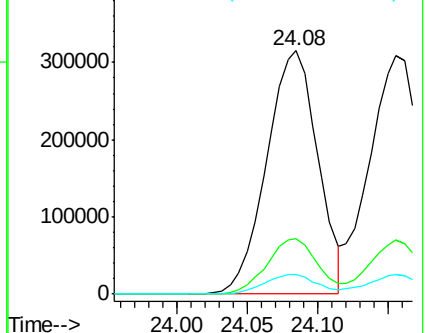
125 8.2 7.8 11.6

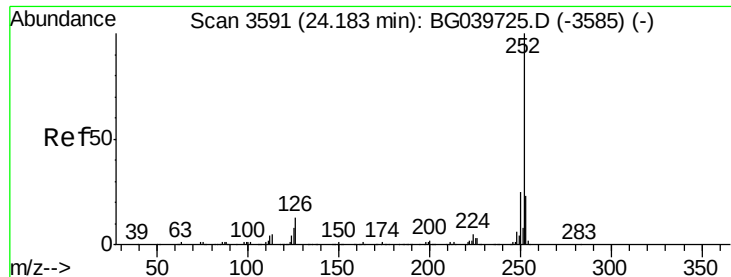


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.302 ng

RT: 24.16 min Scan# 3586

Delta R.T. -0.03 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

Instrument :

BNA_G

ClientSampleId :

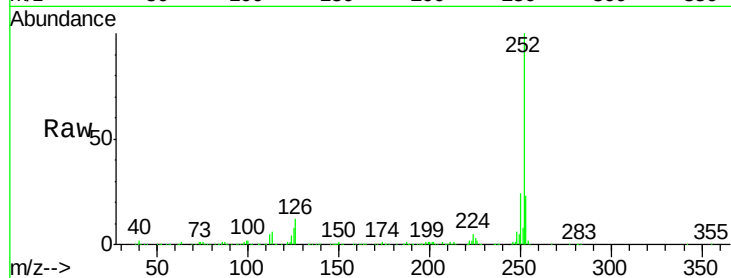
Tot Ion:252 Resp: 791206

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

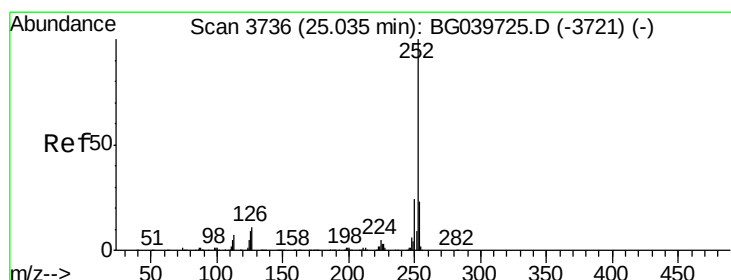
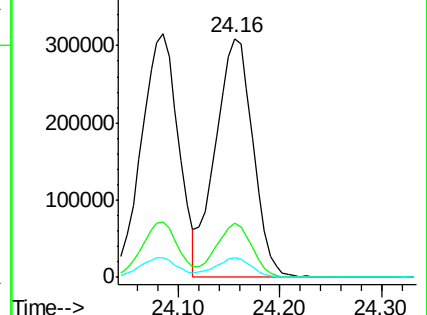
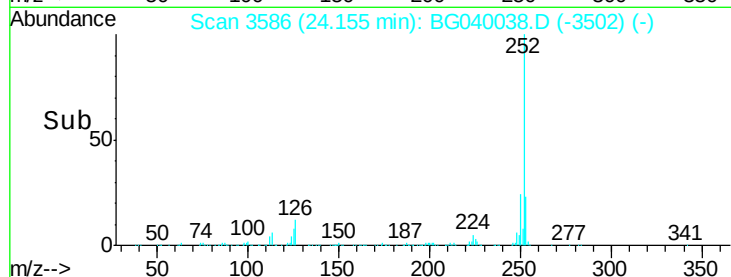
125 8.2 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.793 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG040038.D

Acq: 20 Mar 2019 16:23

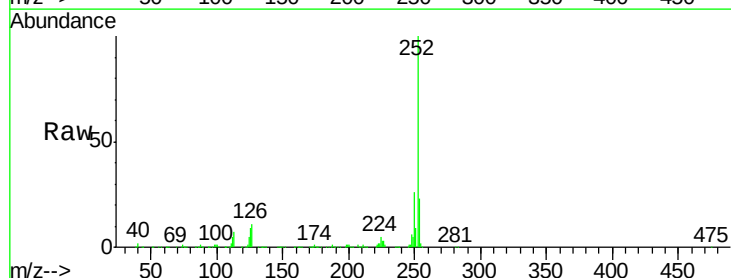
Tgt Ion:252 Resp: 793580

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

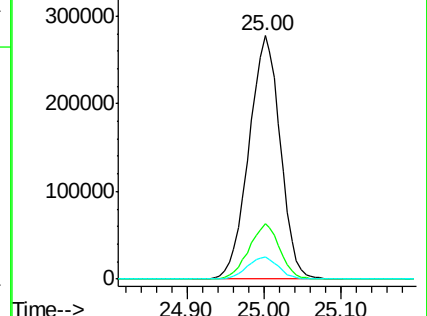
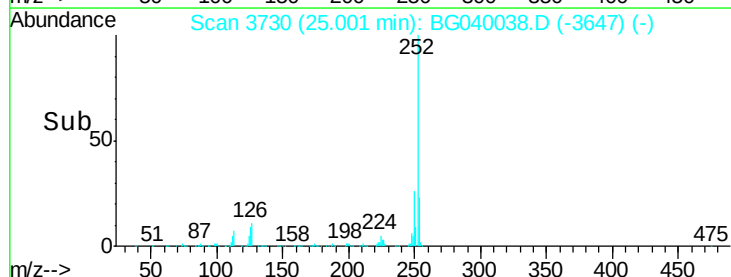
125 9.0 8.3 12.5

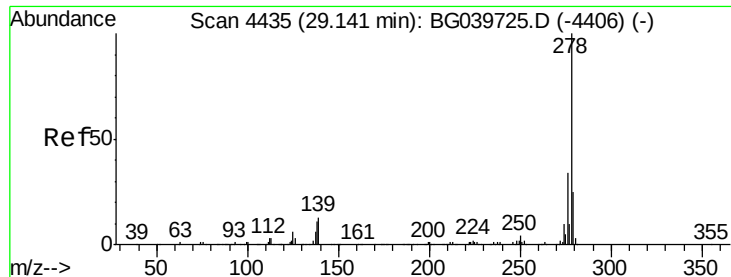


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

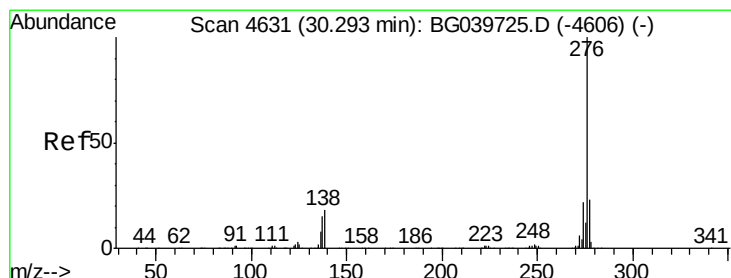
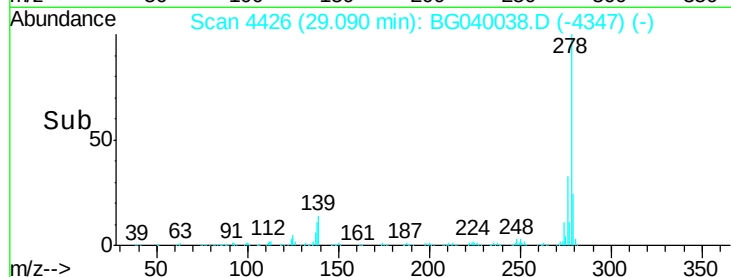
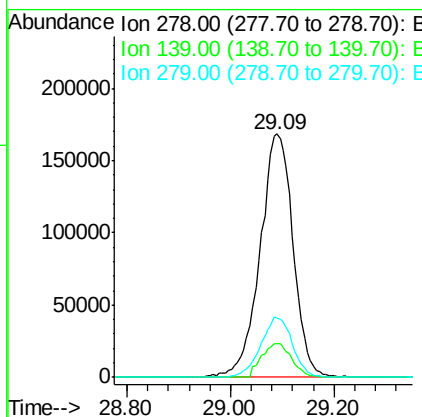
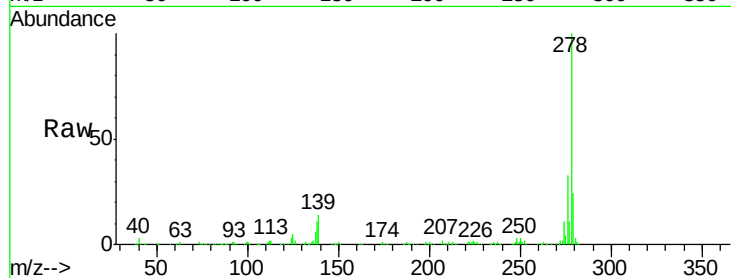




#91
Dibenzo(a,h)anthracene
Concen: 45.870 ng
RT: 29.09 min Scan# 4426
Delta R.T. -0.06 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.7	17.5
279	24.2	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 46.985 ng
RT: 30.25 min Scan# 4624
Delta R.T. -0.06 min
Lab File: BG040038.D
Acq: 20 Mar 2019 16:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.6	29.4
138	16.2	14.7	22.1

