

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041119\
 Data File : BG040438.D
 Acq On : 11 Apr 2019 12:48
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 11 14:05:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	69026	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	298293	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	191046	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	483126	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	461808	20.00	ng	-0.03
87) Perylene-d12	24.97	264	462795	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	336072	80.94	ng	-0.02
7) Phenol-d6	7.20	99	456537	79.56	ng	-0.02
23) Nitrobenzene-d5	9.22	82	431757	76.94	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	179107	86.75	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	943432	73.17	ng	-0.02
79) Terphenyl-d14	20.02	244	1459390	71.09	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	78002	39.952	ng	97
3) Pyridine	3.90	79	215346	40.966	ng	98
4) n-Nitrosodimethylamine	3.82	42	96083	39.514	ng	# 90
6) Aniline	7.37	93	283320	38.002	ng	99
8) 2-Chlorophenol	7.61	128	189316	38.950	ng	95
9) Benzaldehyde	7.19	77	137326	34.888	ng	98
10) Phenol	7.23	94	246131	39.517	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	189302	37.946	ng	98
12) 1,3-Dichlorobenzene	7.93	146	200797	38.003	ng	96
13) 1,4-Dichlorobenzene	8.08	146	203408	38.653	ng	97
14) 1,2-Dichlorobenzene	8.40	146	193733	38.497	ng	99
15) Benzyl Alcohol	8.29	79	169022	36.574	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	348744	36.425	ng	97
17) 2-Methylphenol	8.48	107	164039	38.060	ng	96
18) Hexachloroethane	9.12	117	76166	38.050	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	146792	35.679	ng	97
20) 3+4-Methylphenols	8.81	107	225769	38.667	ng	97
22) Acetophenone	8.88	105	280634	37.715	ng	# 99
24) Nitrobenzene	9.26	77	222717	38.325	ng	98
25) Isophorone	9.77	82	416594	36.078	ng	99
26) 2-Nitrophenol	9.97	139	108581	39.432	ng	98
27) 2,4-Dimethylphenol	10.02	122	168977	38.633	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	253028	37.038	ng	99
29) 2,4-Dichlorophenol	10.50	162	186600	39.304	ng	100
30) 1,2,4-Trichlorobenzene	10.71	180	198862	38.147	ng	96
31) Naphthalene	10.91	128	589160	38.533	ng	100
32) Benzoic acid	10.17	122	88196	33.373	ng	96
33) 4-Chloroaniline	11.03	127	254735	39.059	ng	98
34) Hexachlorobutadiene	11.17	225	125592	37.670	ng	93
35) Caprolactam	11.83	113	74752	39.676	ng	96
36) 4-Chloro-3-methylphenol	12.14	107	222569	40.779	ng	99
37) 2-Methylnaphthalene	12.51	142	429436	37.976	ng	98
38) 1-Methylnaphthalene	12.73	142	421287	38.420	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	221585	36.492	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	137823	41.338	ng	93
43) 2,4,6-Trichlorophenol	13.11	196	151493	38.697	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	167800	39.324	ng	97
46) 1,1'-Biphenyl	13.51	154	556737	36.882	ng	98
47) 2-Chloronaphthalene	13.56	162	434643	37.537	ng	99
48) 2-Nitroaniline	13.78	65	154101	39.456	ng	98
49) Acenaphthylene	14.40	152	746550	38.027	ng	98
50) Dimethylphthalate	14.13	163	567977	37.987	ng	97
51) 2,6-Dinitrotoluene	14.26	165	133466	39.754	ng	95
52) Acenaphthene	14.75	154	425350	37.811	ng	98
53) 3-Nitroaniline	14.60	138	140459	39.524	ng	89
54) 2,4-Dinitrophenol	14.80	184	57513	32.212	ng	89
55) Dibenzofuran	15.07	168	704864	38.994	ng	99
56) 4-Nitrophenol	14.90	139	99295	34.619	ng	96
57) 2,4-Dinitrotoluene	15.04	165	193559	41.492	ng	100
58) Fluorene	15.72	166	559218	39.349	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	157049	40.558	ng	99
60) Diethylphthalate	15.48	149	599969	39.213	ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	298769	39.329	ng	99
62) 4-Nitroaniline	15.76	138	154203	40.433	ng	100
63) Azobenzene	16.00	77	566920	39.282	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	101235	37.297	ng	100
66) n-Nitrosodiphenylamine	15.93	169	515765	36.482	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	198475	36.506	ng	94
68) Hexachlorobenzene	16.72	284	203599	37.245	ng	97
69) Atrazine	16.87	200	191229	36.362	ng	100
70) Pentachlorophenol	17.07	266	100460	31.787	ng	97
71) Phenanthrene	17.47	178	947323	37.305	ng	98
72) Anthracene	17.56	178	944867	37.174	ng	99
73) Carbazole	17.83	167	905762	37.654	ng	99
74) Di-n-butylphthalate	18.36	149	1080138	37.882	ng	100
75) Fluoranthene	19.47	202	1131422	37.627	ng	99
77) Benzidine	19.66	184	536996	32.201	ng	98
78) Pyrene	19.83	202	1130860	37.237	ng	99
80) Butylbenzylphthalate	20.70	149	495872	38.158	ng	98
81) Benzo(a)anthracene	21.68	228	1049759	36.905	ng	97
82) 3,3'-Dichlorobenzidine	21.59	252	396178	36.613	ng	100
83) Chrysene	21.74	228	1006250	36.809	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	703656	37.879	ng	98
85) Di-n-octyl phthalate	22.77	149	1164658	36.798	ng	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	1205123	36.043	ng	# 91
88) Benzo(b)fluoranthene	23.92	252	1048218	36.995	ng	99
89) Benzo(k)fluoranthene	24.00	252	1010509	38.782	ng	99
90) Benzo(a)pyrene	24.82	252	1007276	37.889	ng	98
91) Dibenzo(a,h)anthracene	28.81	278	952665	38.584	ng	98
92) Benzo(g,h,i)perylene	29.93	276	984026	38.780	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.03 min

Lab File: BG040438.D

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Instrument :

BNA_G

ClientSampleId :

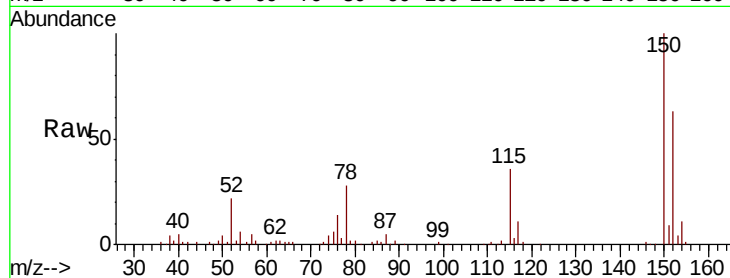
Tot Ion:152 Resp: 69026

Ion Ratio Lower Upper

152 100

150 157.8 123.7 185.5

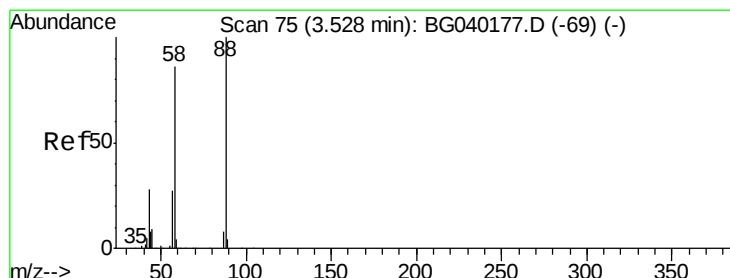
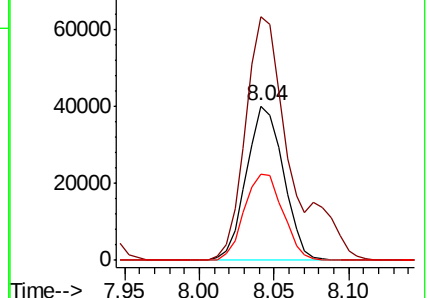
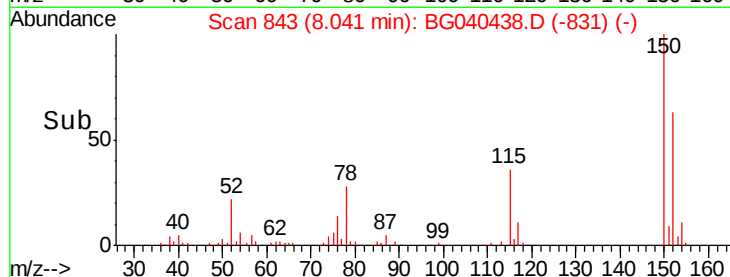
115 56.3 46.9 70.3



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: 39.952 ng

RT: 3.50 min Scan# 70

Delta R.T. -0.03 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

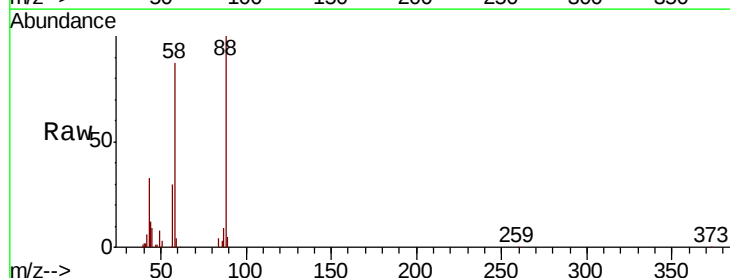
Tgt Ion: 88 Resp: 78002

Ion Ratio Lower Upper

88 100

58 86.4 70.6 106.0

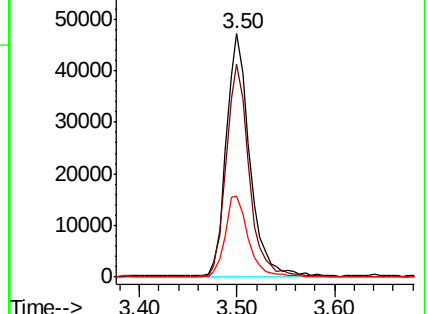
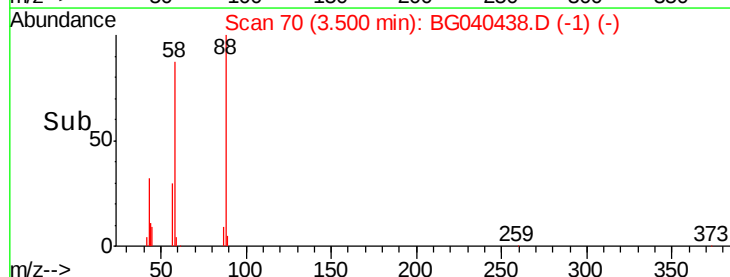
43 33.7 24.8 37.2

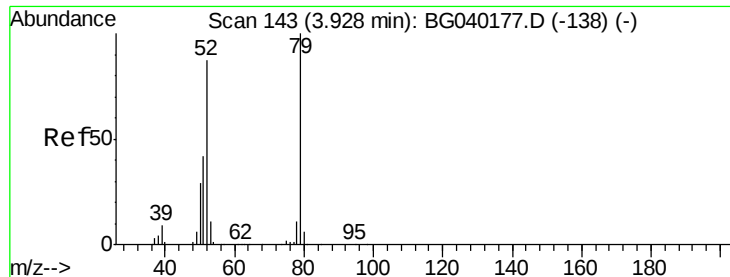


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.966 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

Instrument :

BNA_G

ClientSampled :

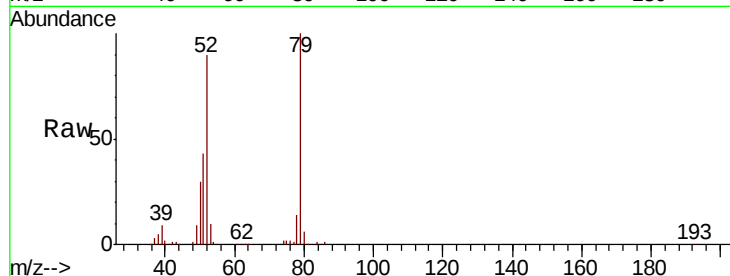
Tot Ion: 79 Resp: 215346

Ion Ratio Lower Upper

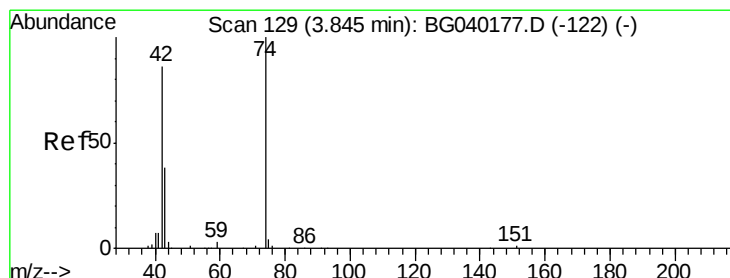
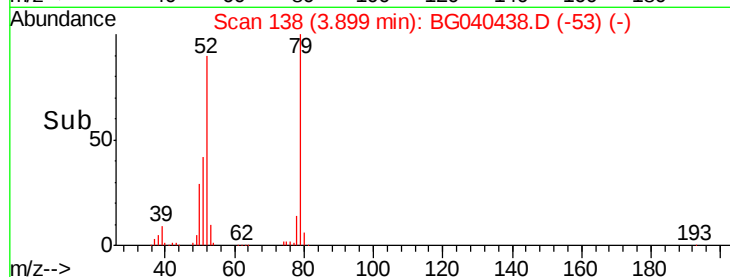
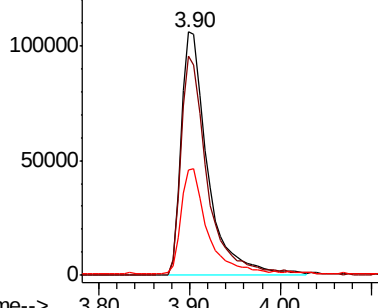
79 100

52 90.0 69.8 104.8

51 43.3 33.9 50.9



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



#4

n-Nitrosodimethylamine

Concen: 39.514 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

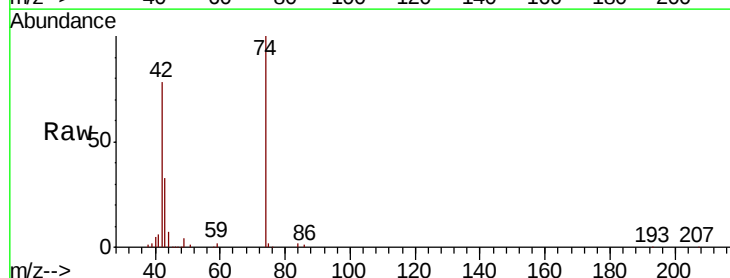
Tgt Ion: 42 Resp: 96083

Ion Ratio Lower Upper

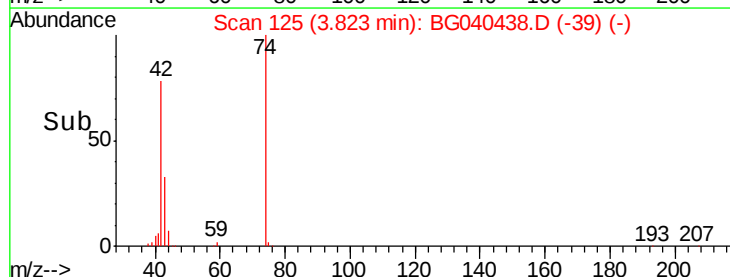
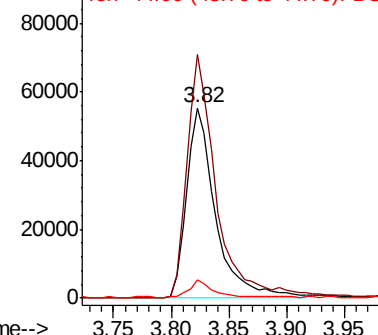
42 100

74 128.0 92.9 139.3

44 9.6 9.7 14.5#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 80.939 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

Instrument :

BNA_G

ClientSampleId :

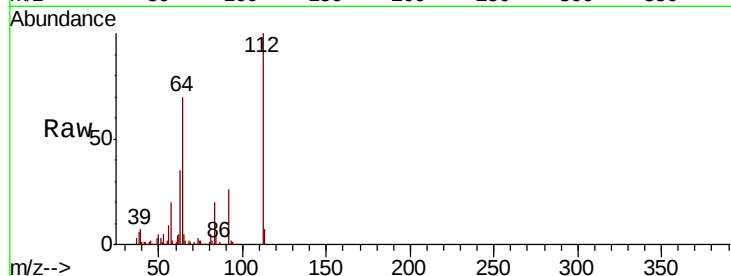
Tot Ion:112 Resp: 336072

Ion Ratio Lower Upper

112 100

64 70.0 54.2 81.2

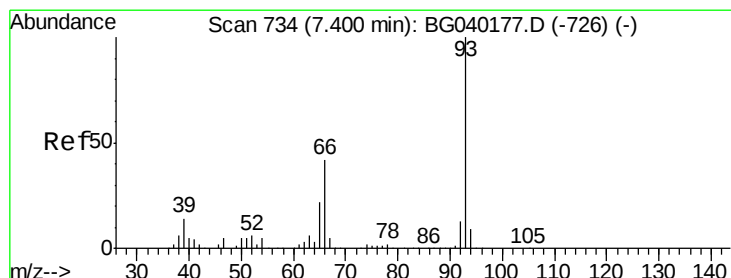
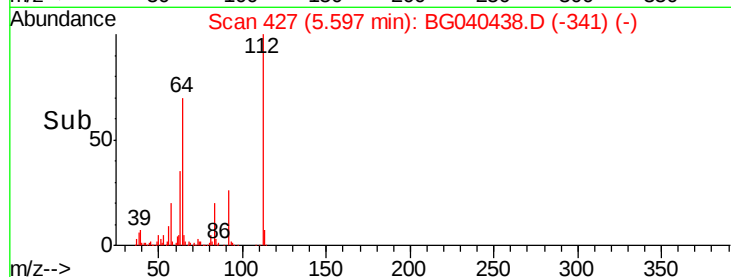
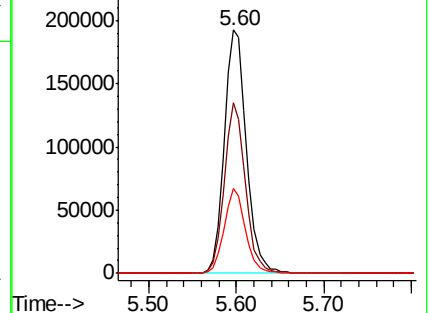
63 34.9 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.002 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

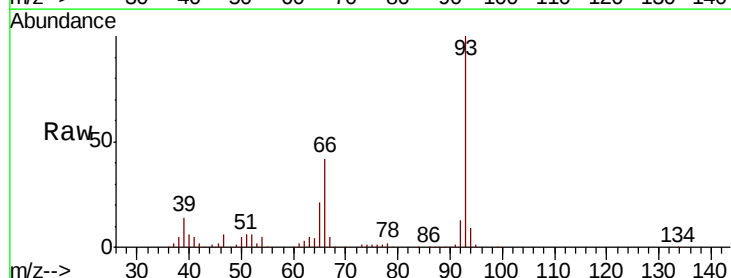
Tgt Ion: 93 Resp: 283320

Ion Ratio Lower Upper

93 100

66 41.9 33.6 50.4

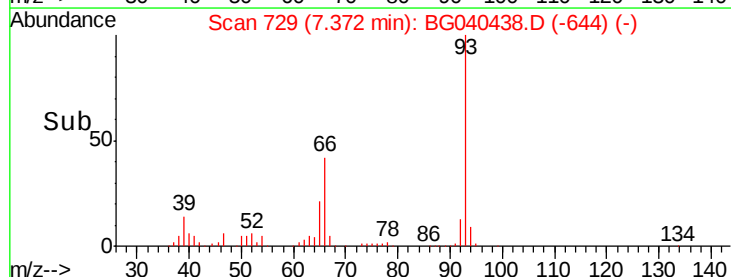
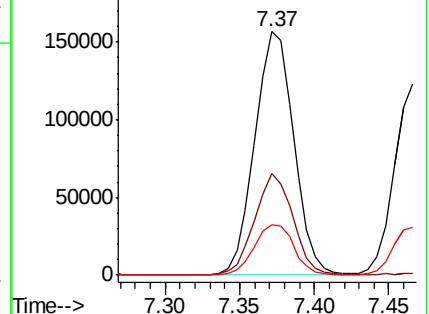
65 20.6 17.4 26.2



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.559 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

Instrument :

BNA_G

ClientSampleId :

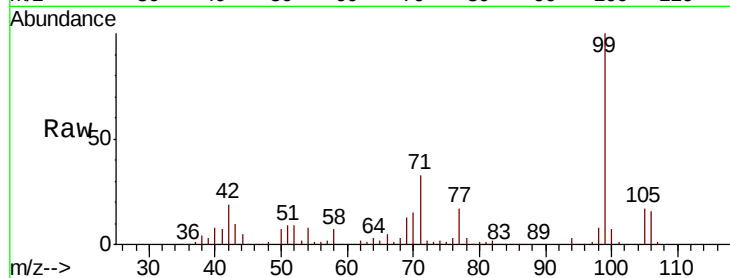
Tot Ion: 99 Resp: 456537

Ion Ratio Lower Upper

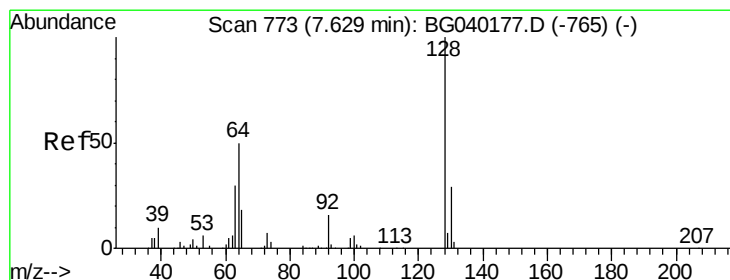
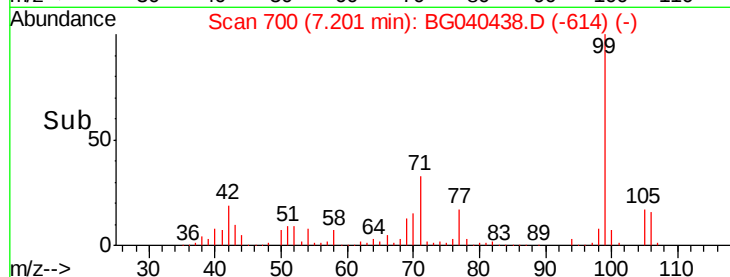
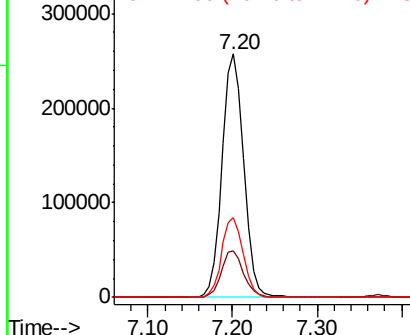
99 100

42 19.3 16.2 24.2

71 33.0 26.8 40.2



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: 38.950 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

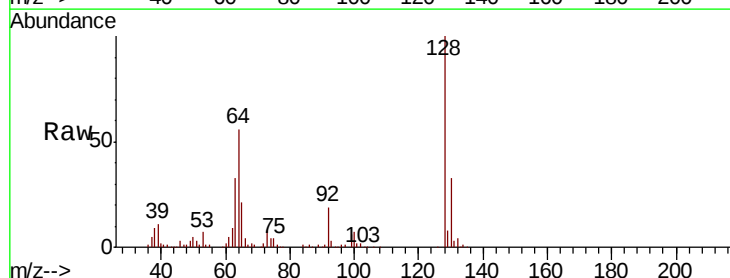
Tgt Ion: 128 Resp: 189316

Ion Ratio Lower Upper

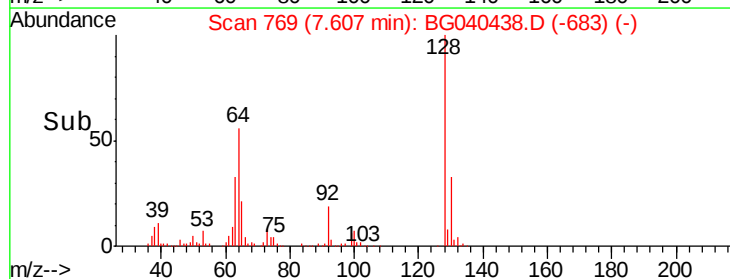
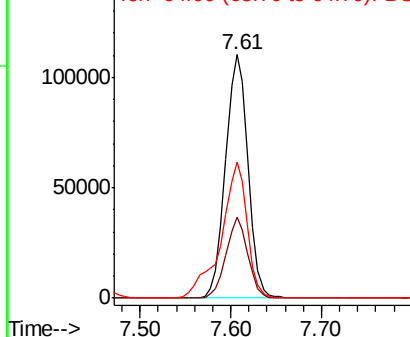
128 100

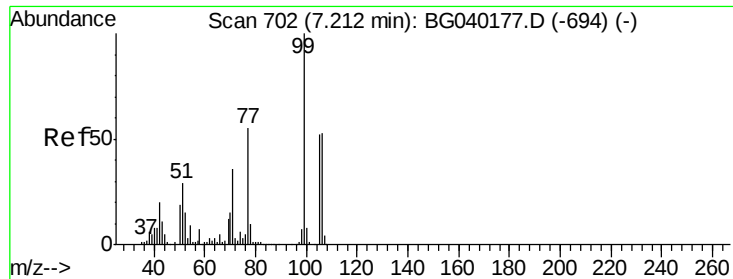
130 33.2 9.1 49.1

64 55.7 33.1 73.1



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





#9

Benzaldehyde

Concen: 34.888 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

Instrument :

BNA_G

ClientSampled :

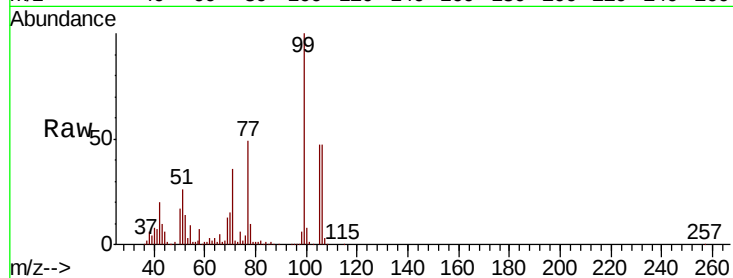
Tot Ion: 77 Resp: 137326

Ion Ratio Lower Upper

77 100

105 97.0 75.0 115.0

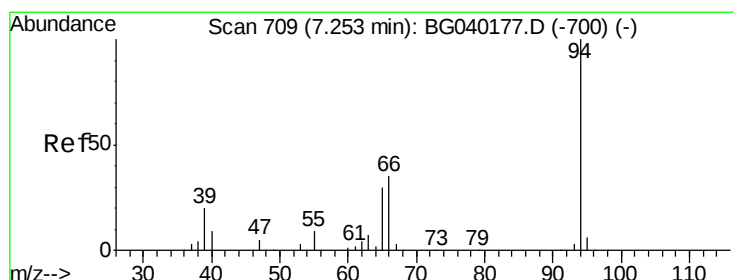
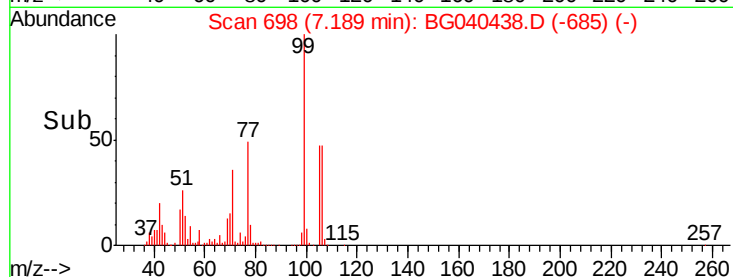
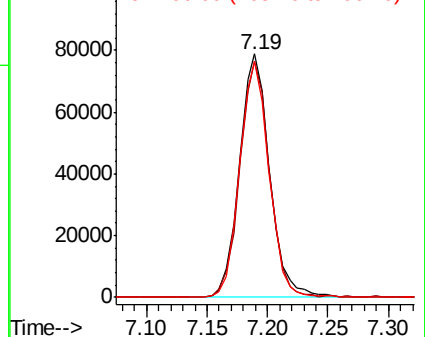
106 96.9 75.7 115.7



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: 39.517 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

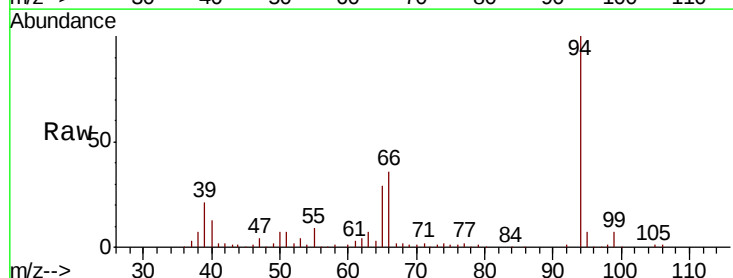
Tgt Ion: 94 Resp: 246131

Ion Ratio Lower Upper

94 100

65 28.5 10.5 50.5

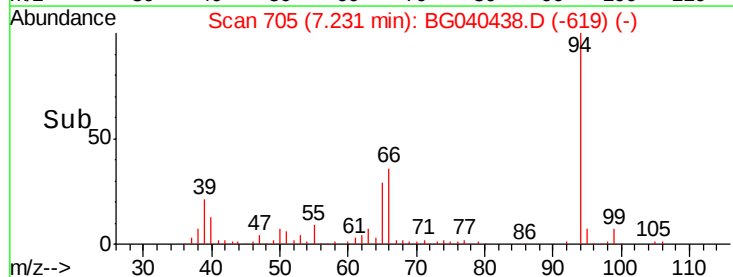
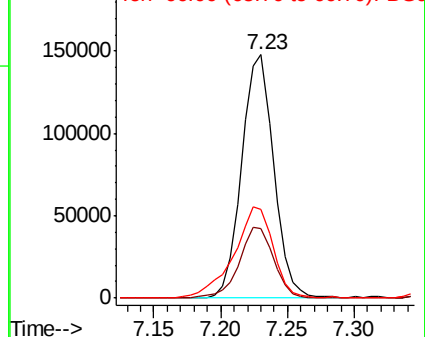
66 36.4 16.9 56.9

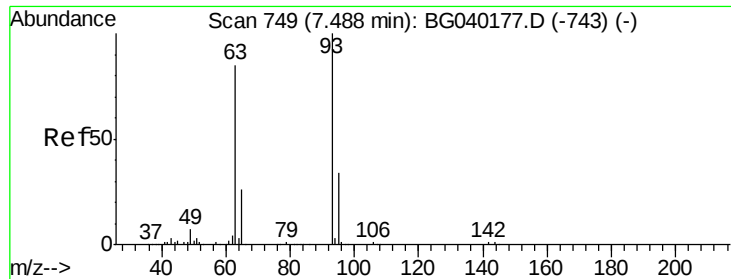


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

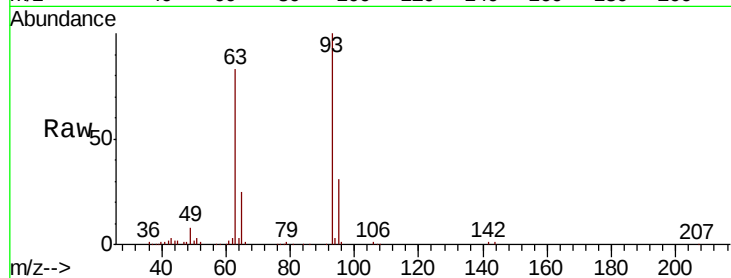




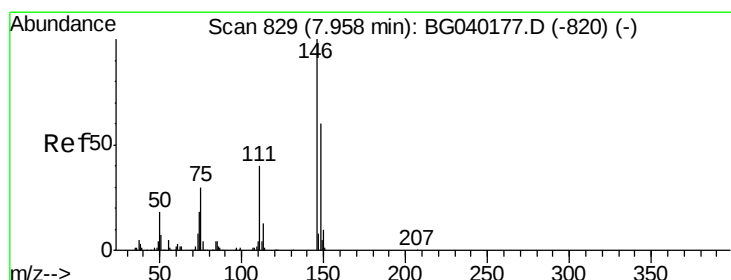
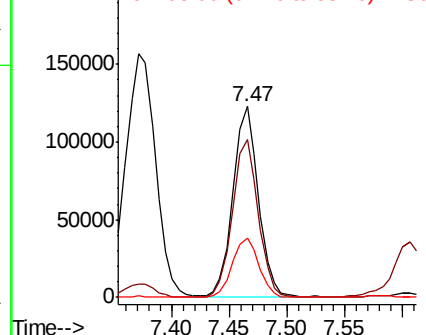
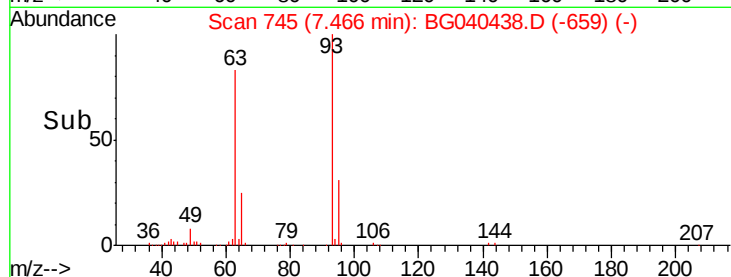
#11
bis(2-Chloroethyl)ether
Concen: 37.946 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 189302
Ion Ratio Lower Upper
93 100
63 82.8 64.2 104.2
95 31.3 14.0 54.0

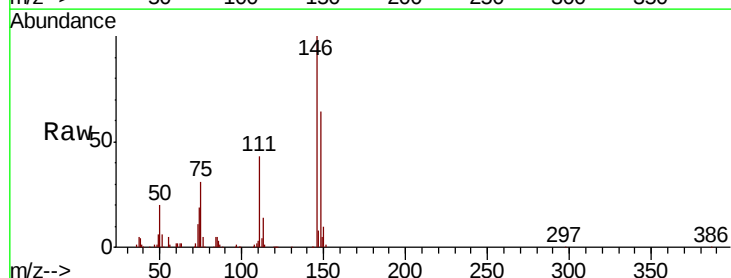


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

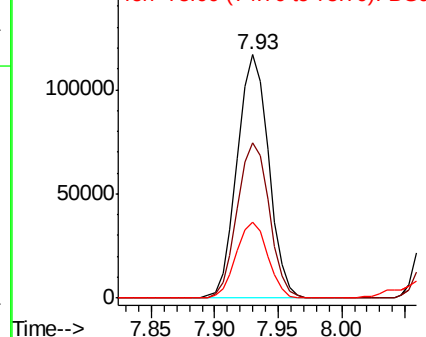
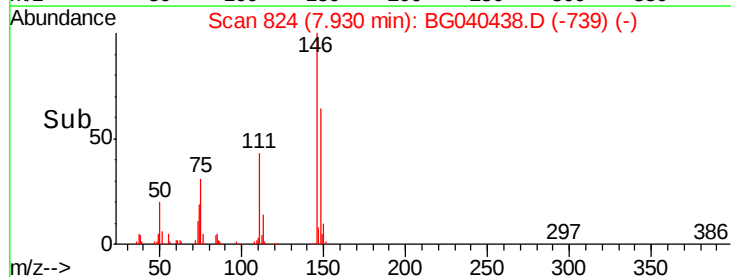


#12
1,3-Dichlorobenzene
Concen: 38.003 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Tgt Ion: 146 Resp: 200797
Ion Ratio Lower Upper
146 100
148 63.9 48.2 72.2
75 31.1 24.1 36.1



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

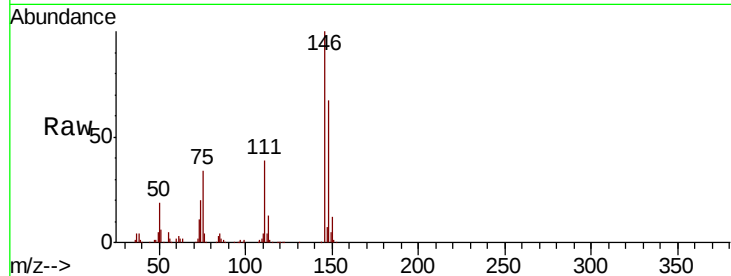




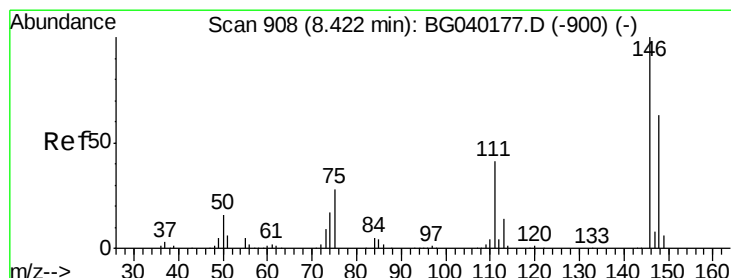
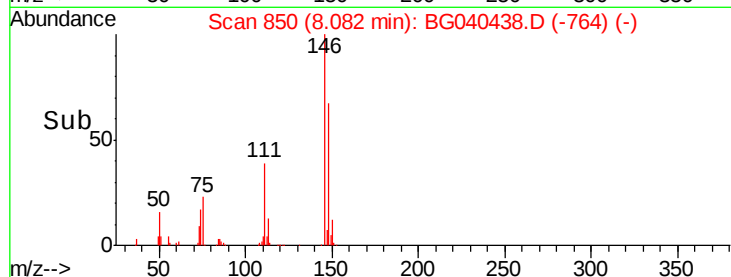
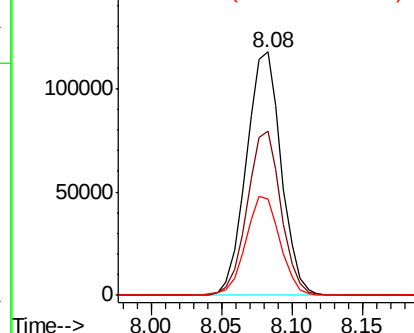
#13
 1,4-Dichlorobenzene
 Concen: 38.653 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BG040438.D
 Acq: 11 Apr 2019 12:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 203408
 Ion Ratio Lower Upper
 146 100
 148 67.2 51.0 76.4
 111 39.5 31.8 47.6

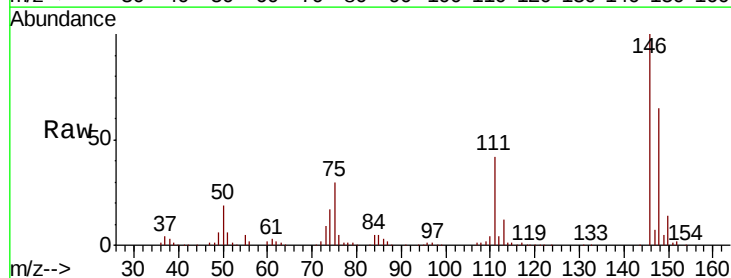


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

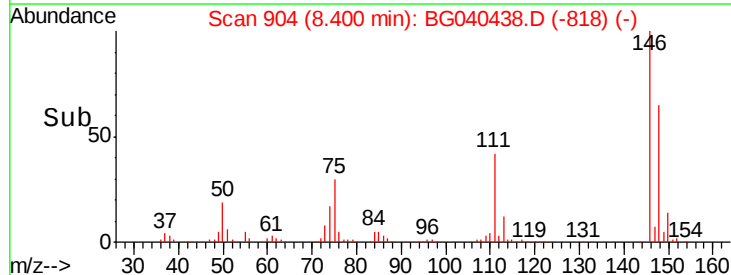
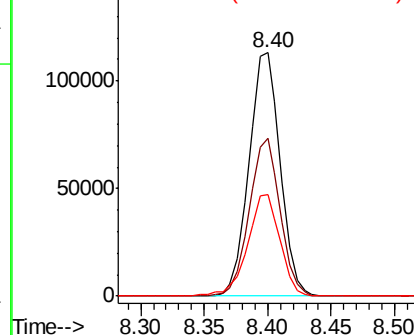


#14
 1,2-Dichlorobenzene
 Concen: 38.497 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040438.D
 Acq: 11 Apr 2019 12:48

Tgt Ion:146 Resp: 193733
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.8 76.2
 111 41.7 33.4 50.0



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





#15

Benzyl Alcohol

Concen: 36.574 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

Instrument :

BNA_G

ClientSampleId :

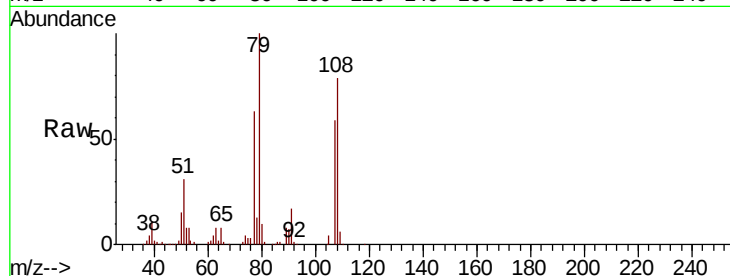
Tot Ion: 79 Resp: 169022

Ion Ratio Lower Upper

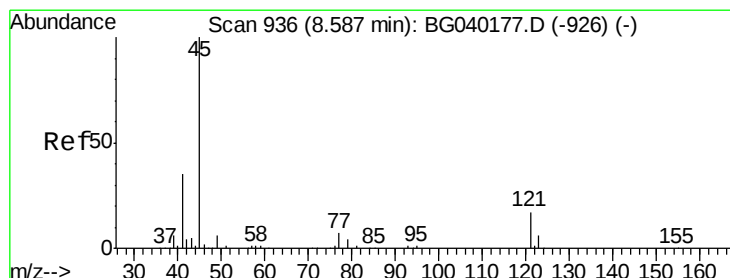
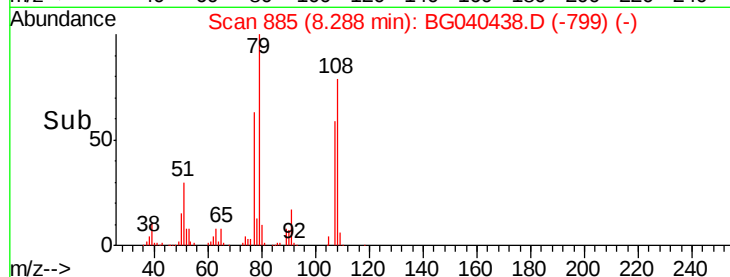
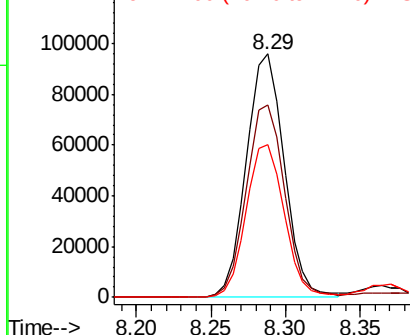
79 100

108 79.1 62.1 93.1

77 62.6 51.9 77.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.425 ng

RT: 8.56 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

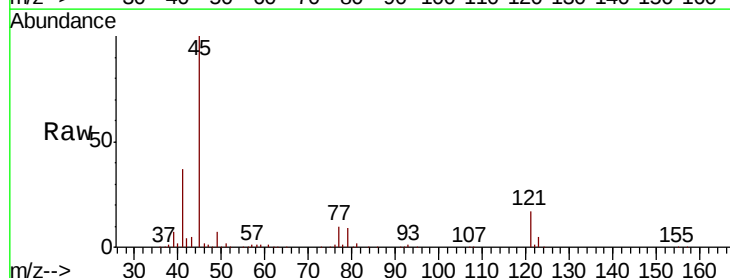
Tgt Ion: 45 Resp: 348744

Ion Ratio Lower Upper

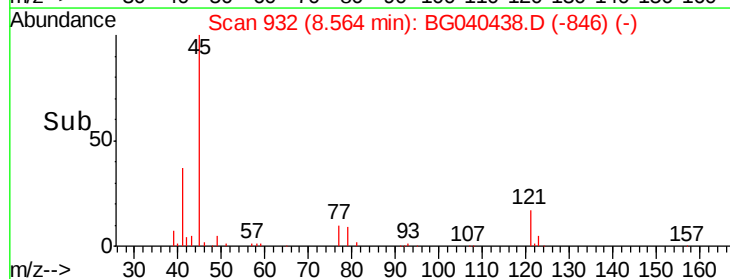
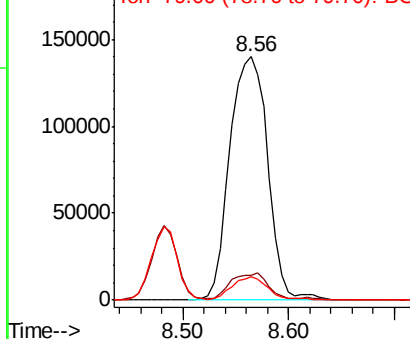
45 100

77 10.4 0.0 31.4

79 9.4 0.0 28.3



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

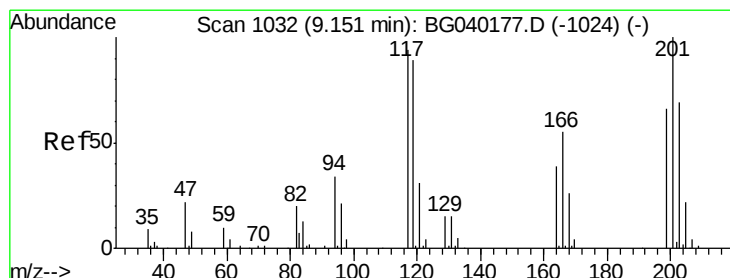
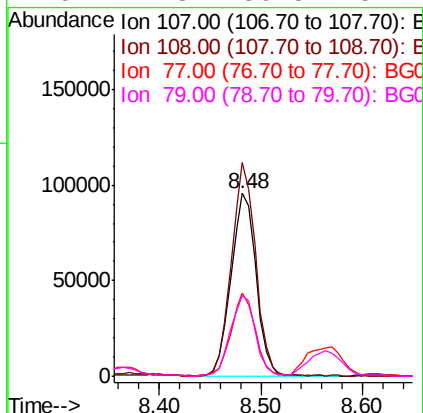
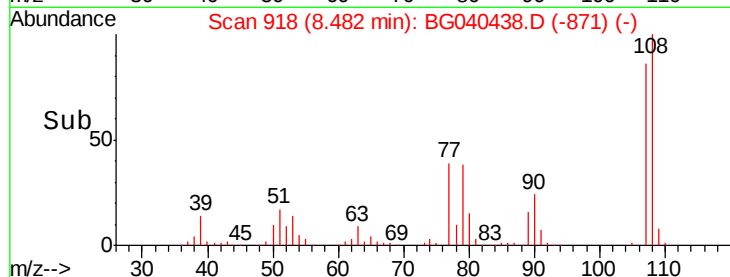
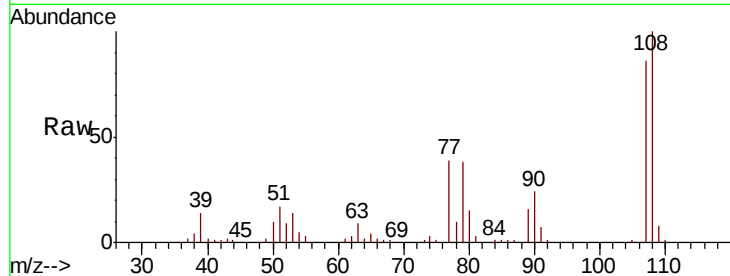




#17
2-Methylphenol
Concen: 38.060 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

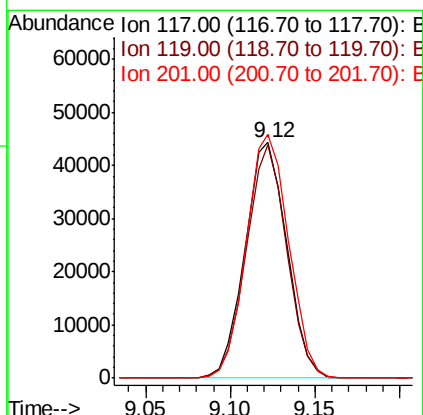
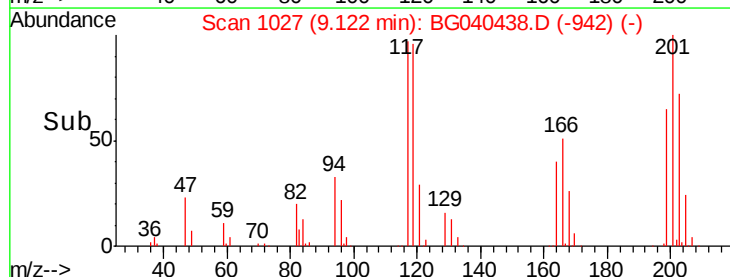
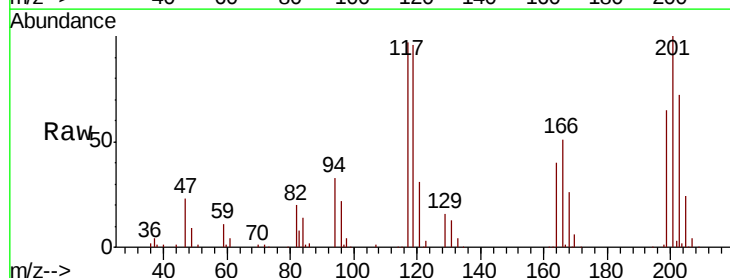
Instrument :
BNA_G
ClientSampleId :

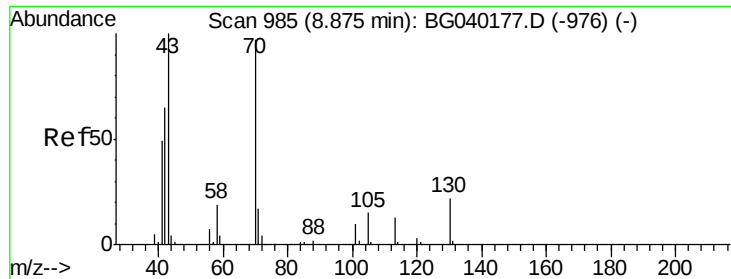
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.8	88.2	132.4
77	45.2	36.6	55.0
79	44.3	36.5	54.7



#18
Hexachloroethane
Concen: 38.050 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	76.6	115.0
201	103.2	85.0	127.4

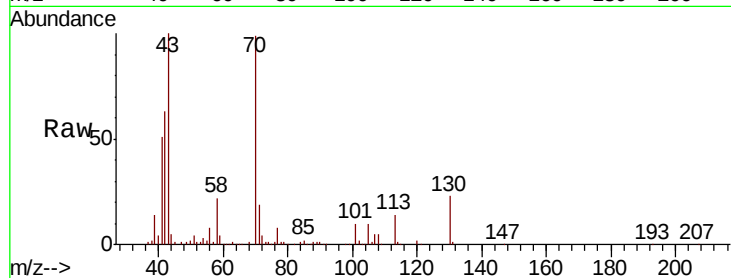




#19
n-Nitroso-di-n-propylamine
Concen: 35.679 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	146792
Ion	Ratio	Lower	Upper
70	100		
42	63.8	54.0	81.0
101	10.2	8.6	13.0
130	23.2	18.2	27.2



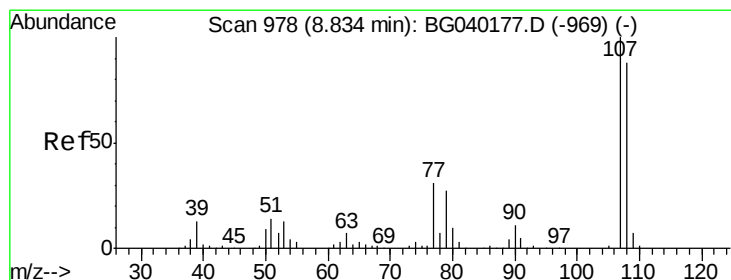
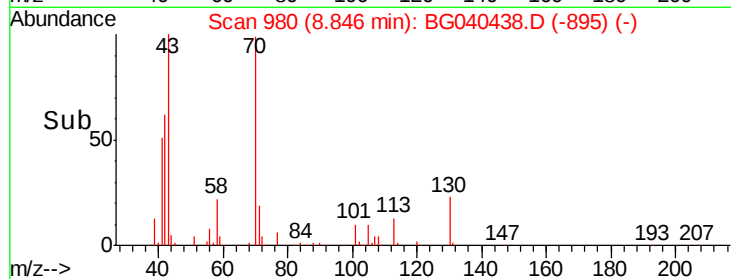
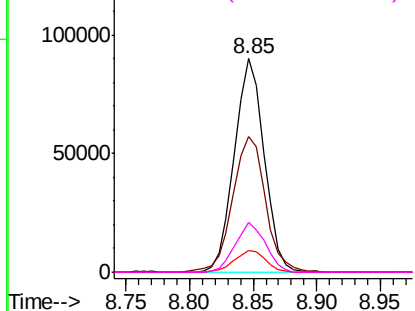
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

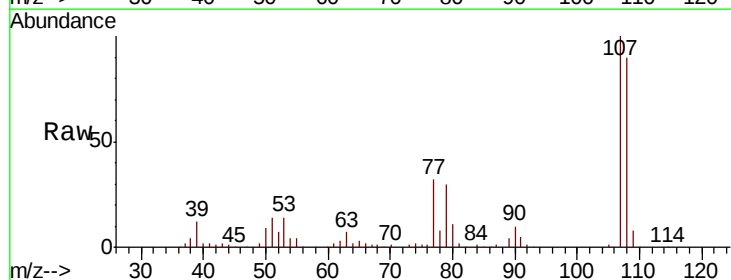
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 38.667 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Tgt Ion:	107	Resp:	225769
Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.3	108.3
77	32.1	11.3	51.3
79	29.8	7.3	47.3



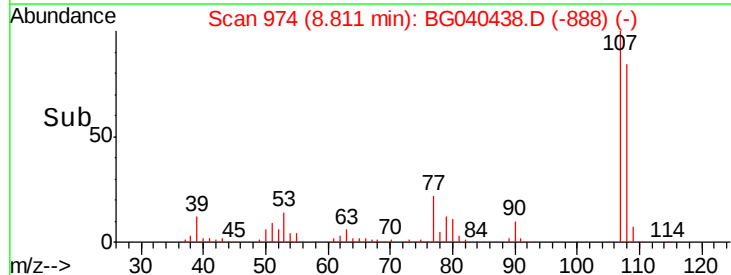
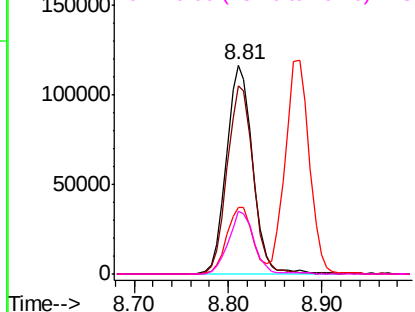
Abundance

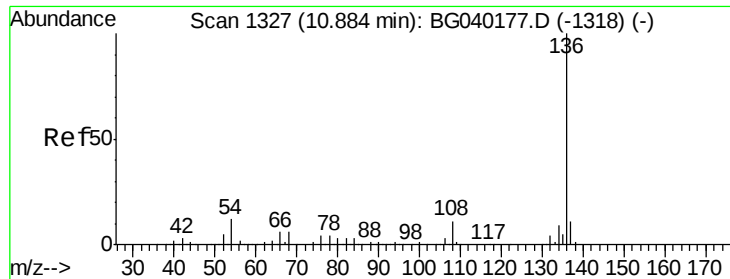
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

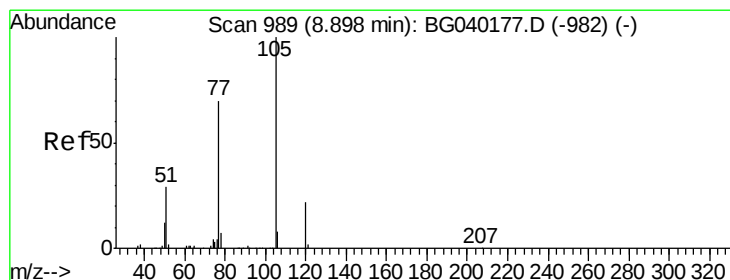
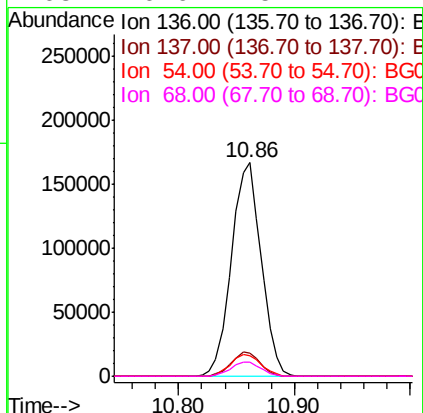
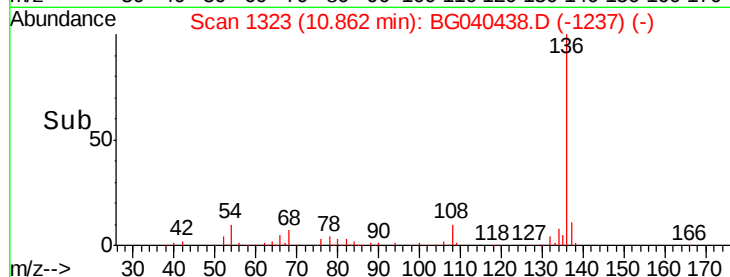
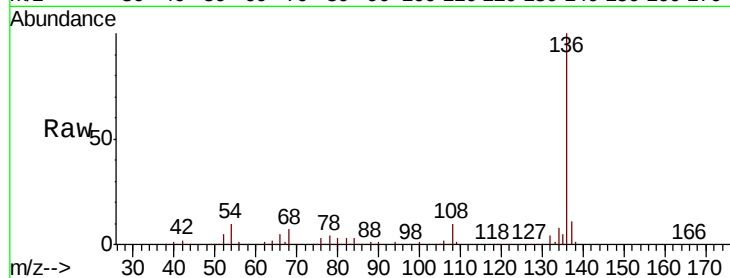




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

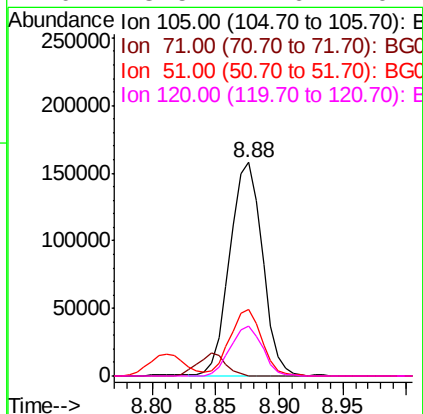
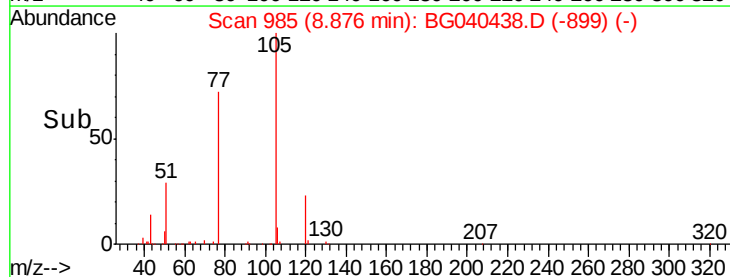
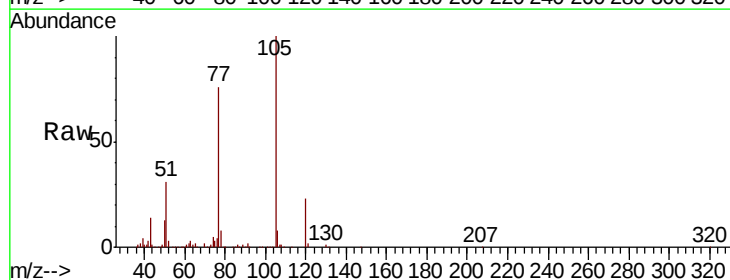
Instrument :
BNA_G
ClientSampled :

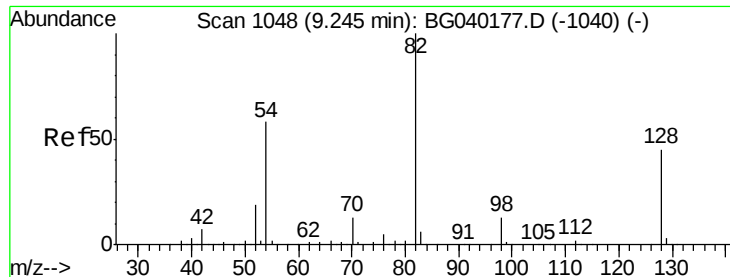
Tot Ion:136	Resp:	298293
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	9.6	9.6 14.4
68	6.6	5.1 7.7



#22
Acetophenone
Concen: 37.715 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Tgt Ion:105	Resp:	280634
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.6 1.0#
51	31.2	25.1 37.7
120	23.5	17.6 26.4

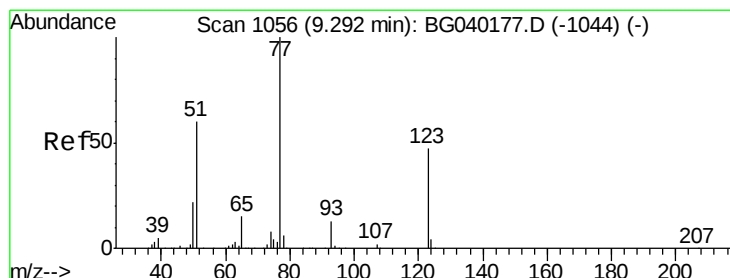
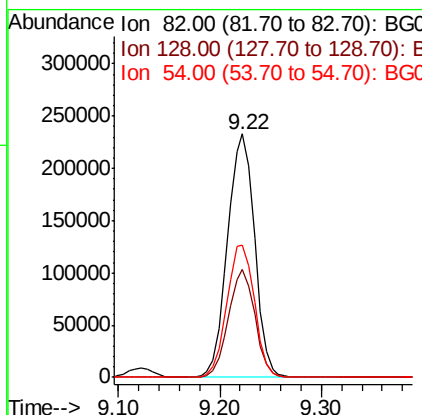
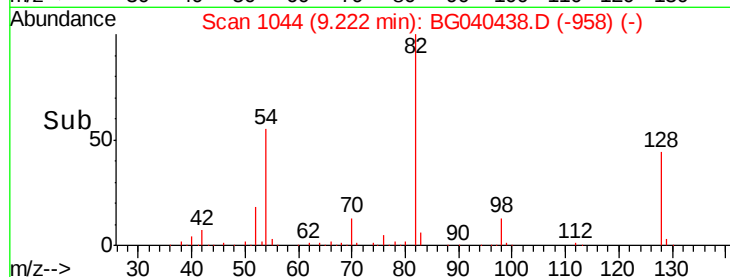
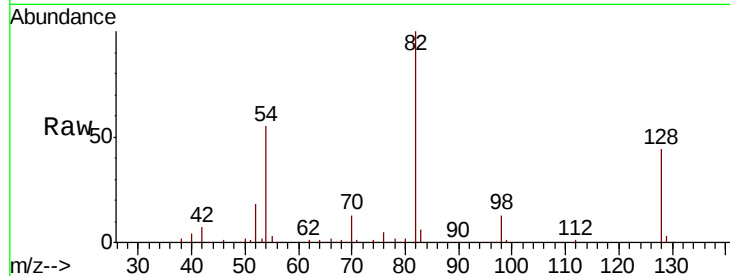




#23
 Nitrobenzene-d5
 Concen: 76.936 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040438.D
 Acq: 11 Apr 2019 12:48

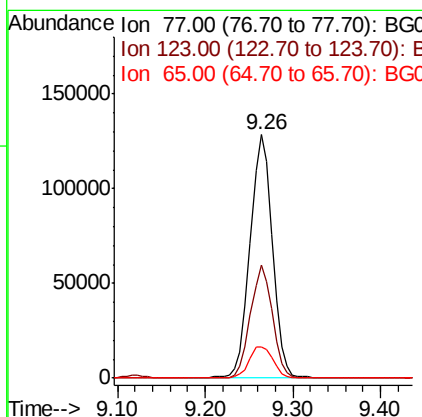
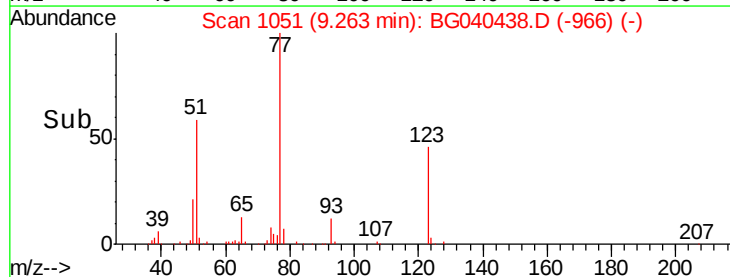
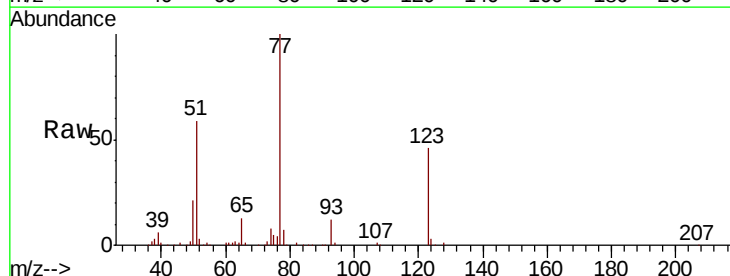
Instrument :
 BNA_G
 ClientSampleID :

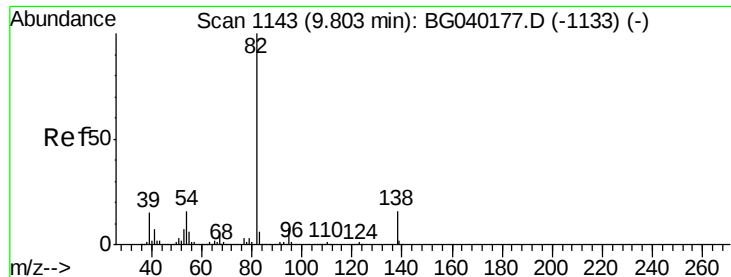
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.8	53.8
54	54.5	46.2	69.2



#24
 Nitrobenzene
 Concen: 38.325 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040438.D
 Acq: 11 Apr 2019 12:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	37.8	56.6
65	13.0	12.0	18.0





#25

Isophorone

Concen: 36.078 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

Instrument :

BNA_G

ClientSampleId :

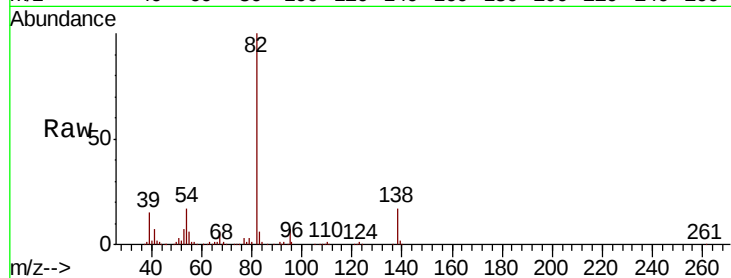
Tot Ion: 82 Resp: 416594

Ion Ratio Lower Upper

82 100

95 6.7 6.1 9.1

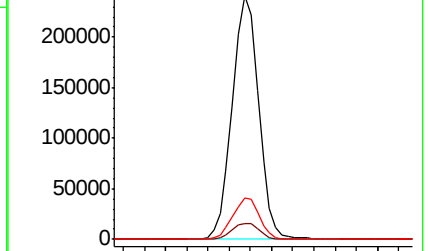
138 16.8 13.2 19.8



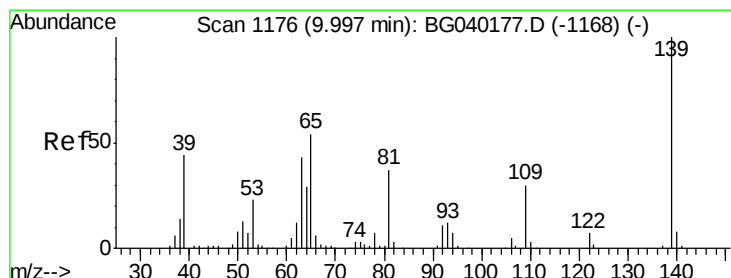
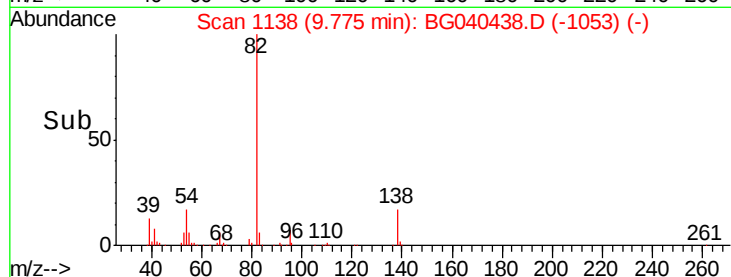
Abundance Ion 82.00 (81.70 to 82.70): BG040438.D (-1133) (-)

Ion 95.00 (94.70 to 95.70): BG040438.D (-1133) (-)

Ion 138.00 (137.70 to 138.70): BG040438.D (-1133) (-)



Time-->



#26

2-Nitrophenol

Concen: 39.432 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.03 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

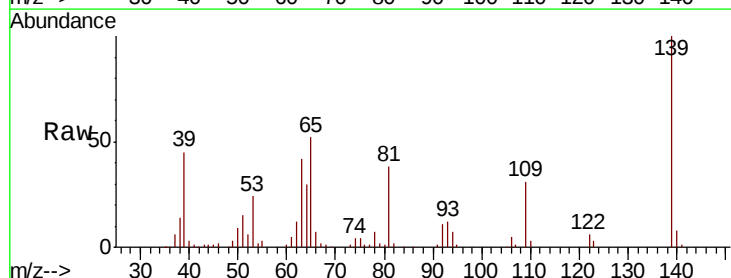
Tgt Ion: 139 Resp: 108581

Ion Ratio Lower Upper

139 100

109 30.5 24.1 36.1

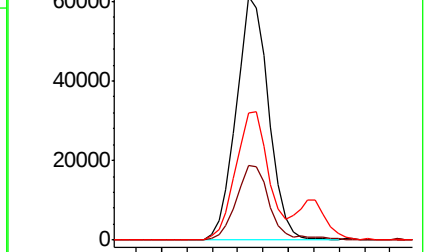
65 52.4 43.0 64.6



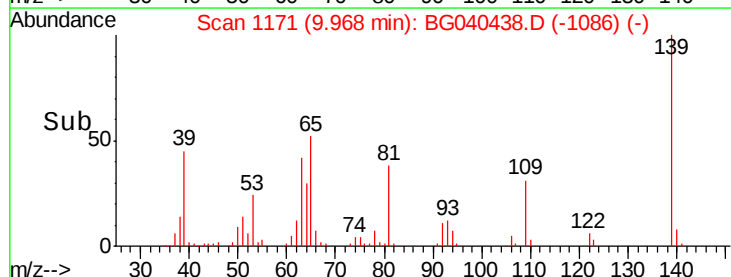
Abundance Ion 139.00 (138.70 to 139.70): BG040438.D (-1168) (-)

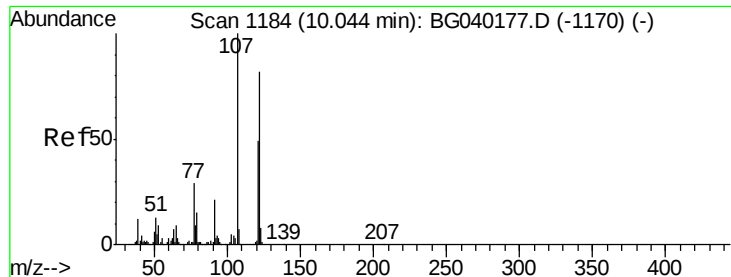
Ion 109.00 (108.70 to 109.70): BG040438.D (-1168) (-)

Ion 65.00 (64.70 to 65.70): BG040438.D (-1168) (-)



Time-->

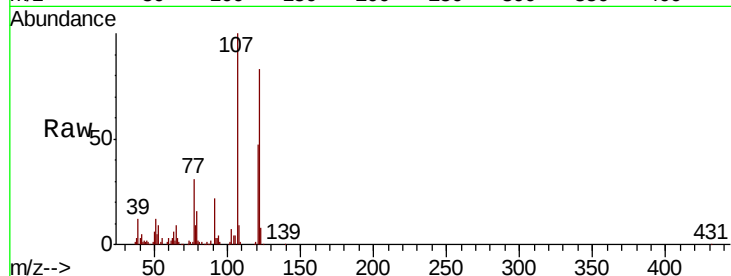




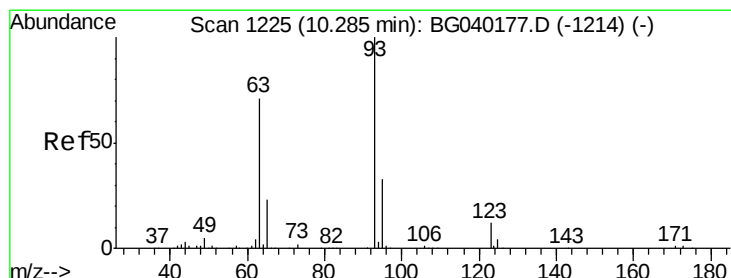
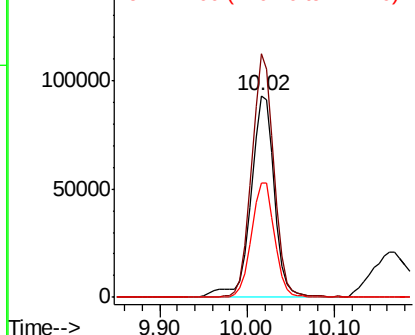
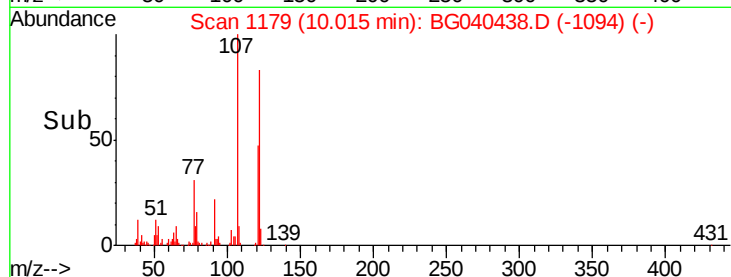
#27
2,4-Dimethylphenol
Concen: 38.633 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.03 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 168977
Ion Ratio Lower Upper
122 100
107 120.7 97.4 146.2
121 56.5 47.7 71.5

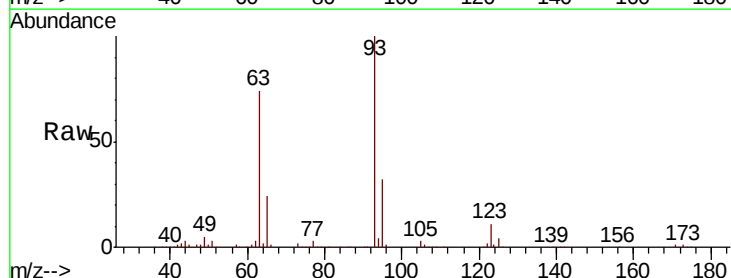


Abundance Ion 122.00 (121.70 to 122.70): E
150000 Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

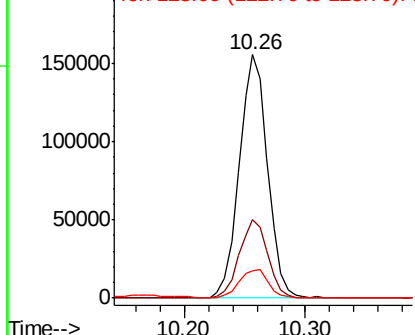
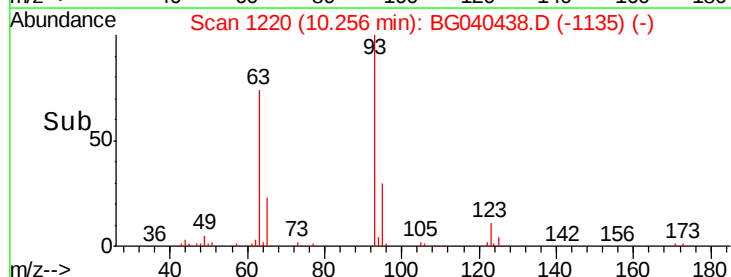


#28
bis(2-Chloroethoxy)methane
Concen: 37.038 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.03 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Tgt Ion: 93 Resp: 253028
Ion Ratio Lower Upper
93 100
95 32.3 26.2 39.4
123 11.2 9.4 14.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
200000 Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

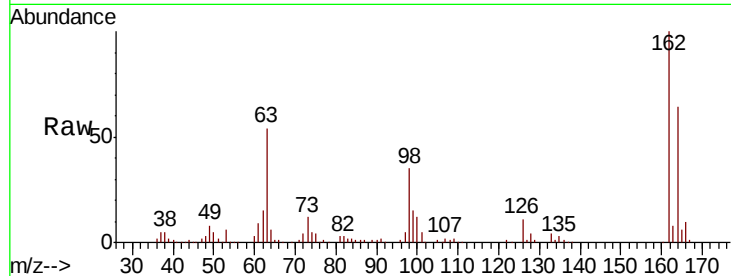




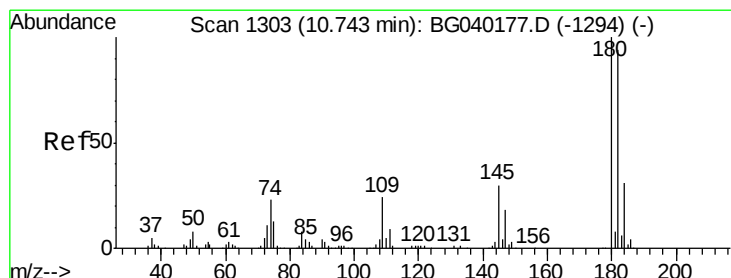
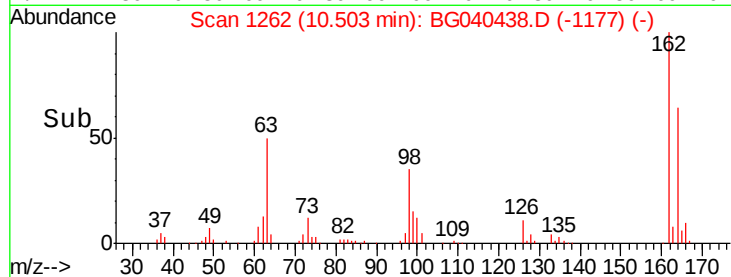
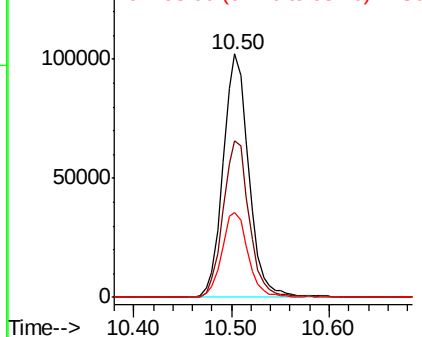
#29
 2,4-Dichlorophenol
 Concen: 39.304 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040438.D
 Acq: 11 Apr 2019 12:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.9	83.9
98	35.1	15.6	55.6

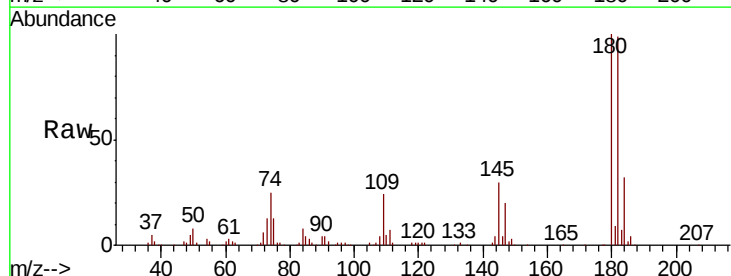


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

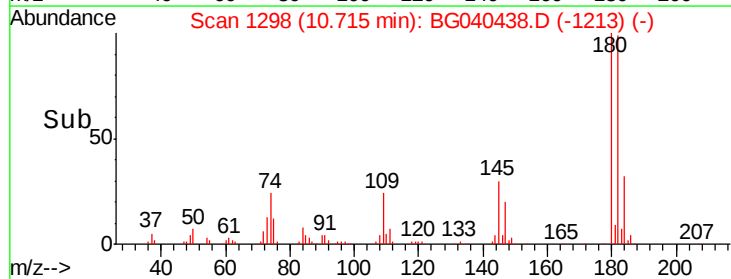
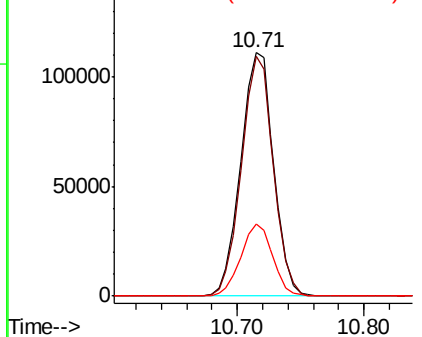


#30
 1,2,4-Trichlorobenzene
 Concen: 38.147 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040438.D
 Acq: 11 Apr 2019 12:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	75.1	112.7
145	29.5	24.1	36.1



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

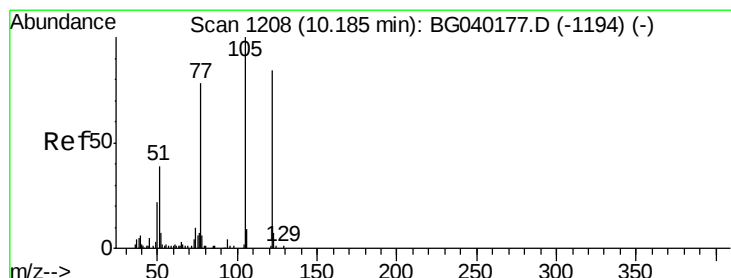
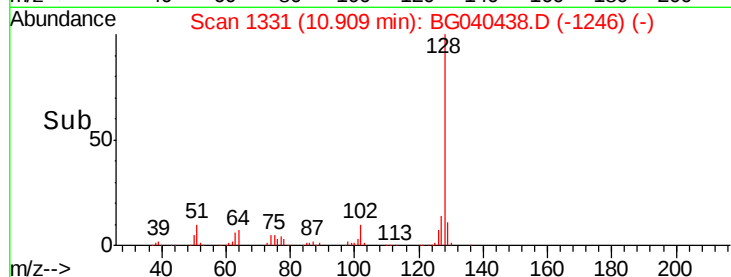
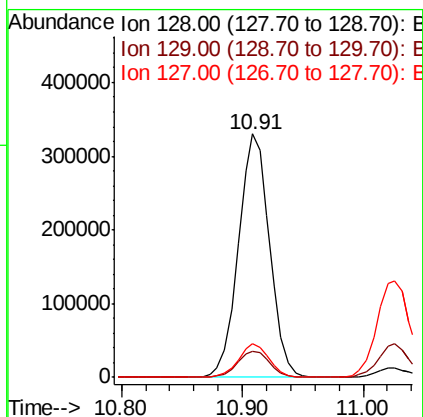
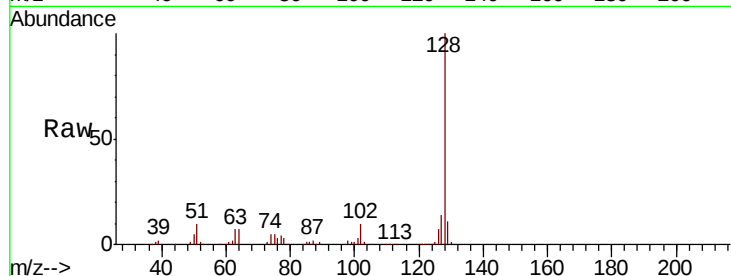




#31
Naphthalene
Concen: 38.533 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

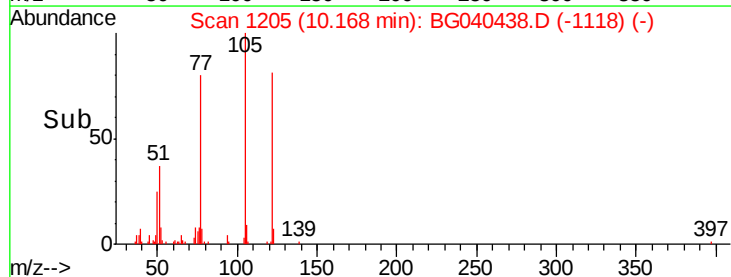
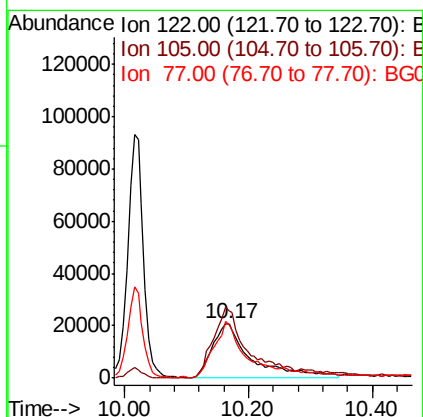
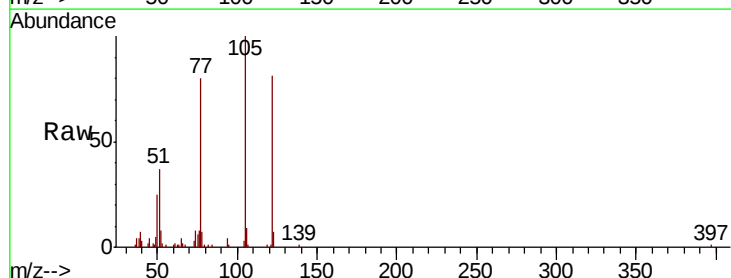
Instrument :
BNA_G
ClientSampleId :

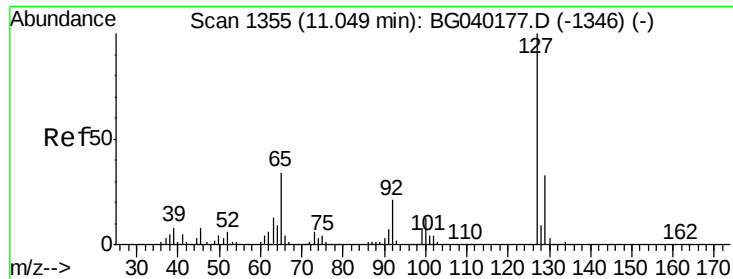
Tot Ion:128 Resp: 589160
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 14.1 11.4 17.0



#32
Benzoic acid
Concen: 33.373 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Tgt Ion:122 Resp: 88196
Ion Ratio Lower Upper
122 100
105 122.7 98.2 138.2
77 98.0 73.6 113.6

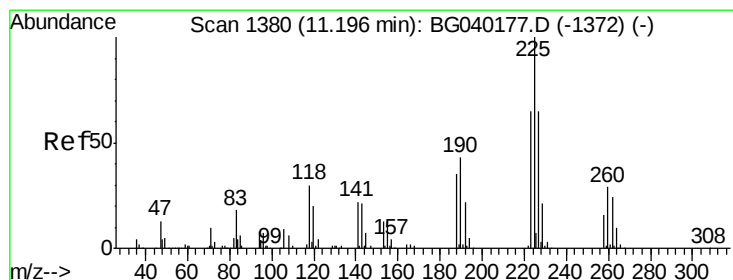
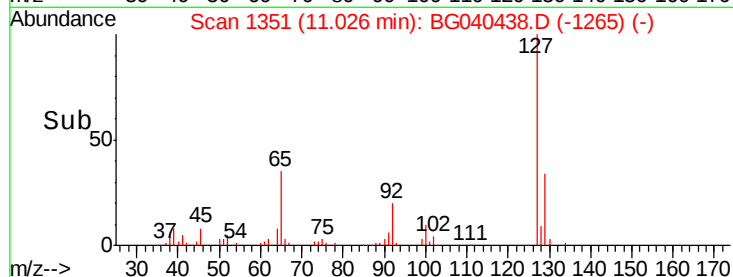
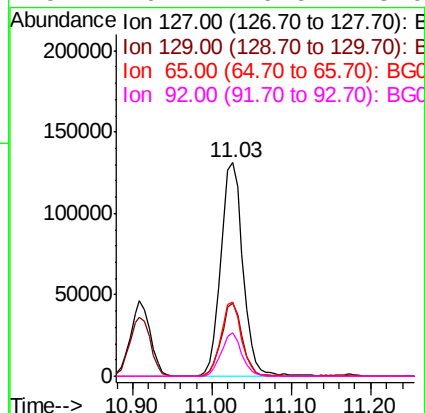
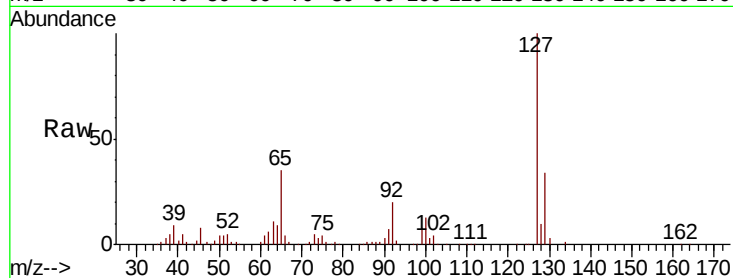




#33
4-Chloroaniline
Concen: 39.059 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

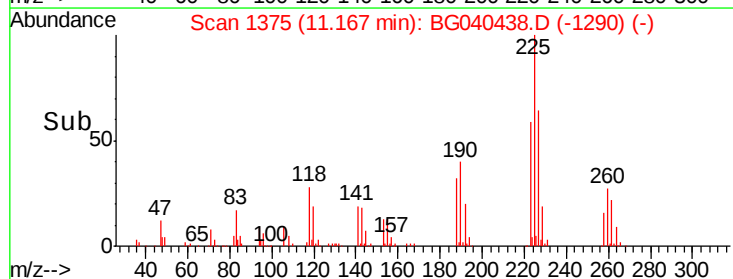
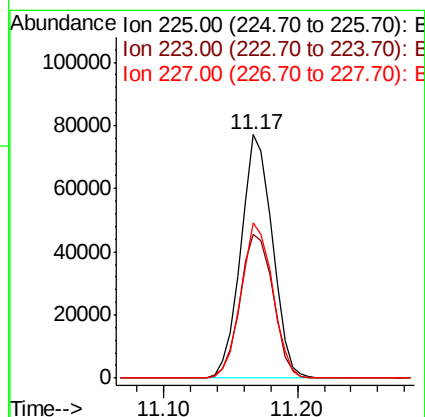
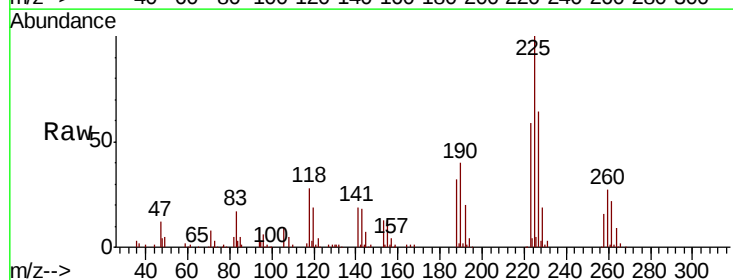
Instrument :
BNA_G
ClientSampleId :

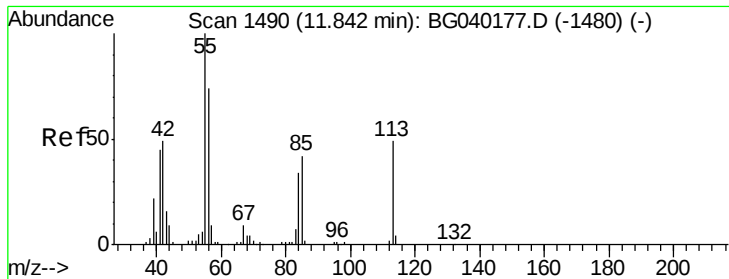
Tot Ion:	127	Resp:	254735
Ion	Ratio	Lower	Upper
127	100		
129	34.4	26.6	40.0
65	34.6	27.0	40.4
92	20.4	16.6	25.0



#34
Hexachlorobutadiene
Concen: 37.670 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Tgt Ion:	225	Resp:	125592
Ion	Ratio	Lower	Upper
225	100		
223	59.3	51.8	77.8
227	63.7	54.9	82.3





#35

Caprolactam

Concen: 39.676 ng

RT: 11.83 min Scan# 1487

Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

Instrument :

BNA_G

ClientSampleId :

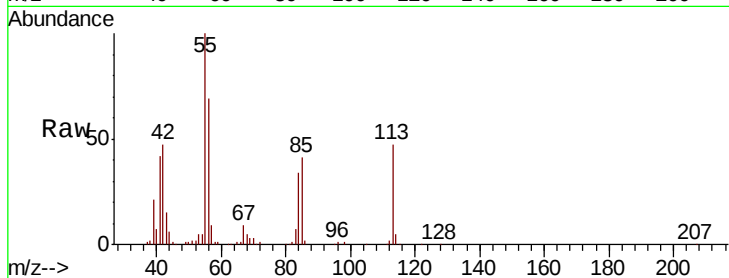
Tot Ion:113 Resp: 74752

Ion Ratio Lower Upper

113 100

55 211.7 184.2 224.2

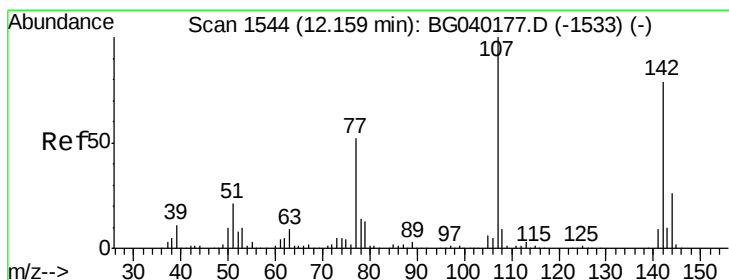
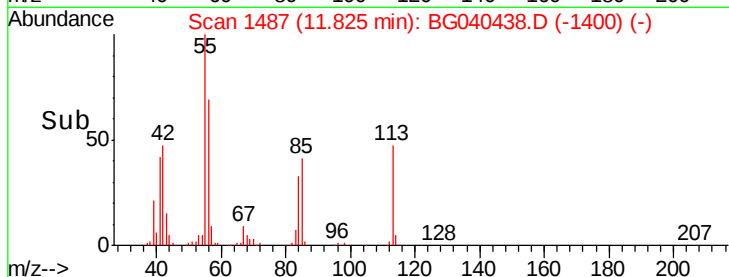
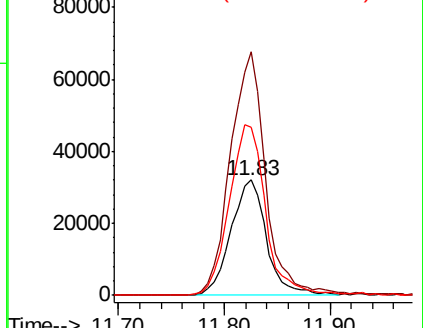
56 146.5 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.779 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

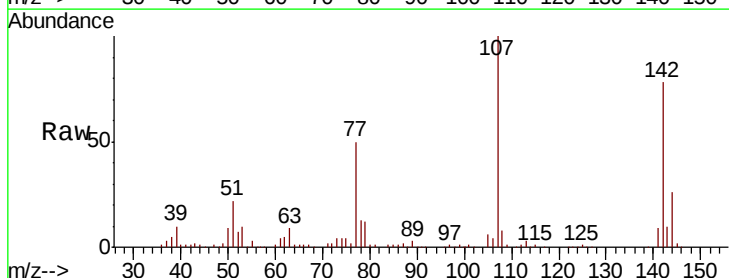
Tgt Ion:107 Resp: 222569

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

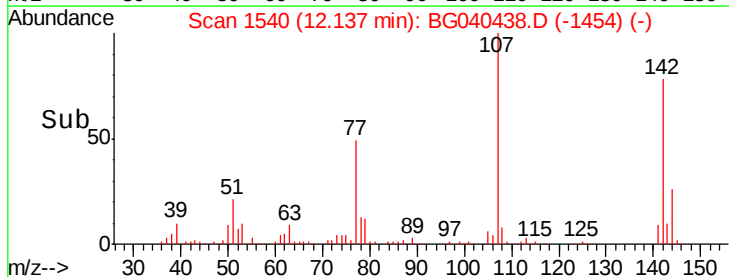
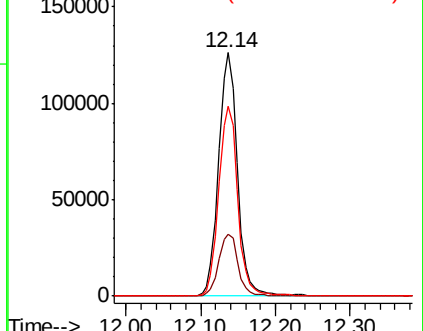
142 78.0 63.1 94.7

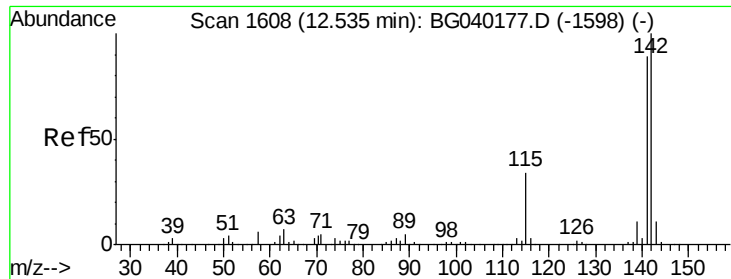


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

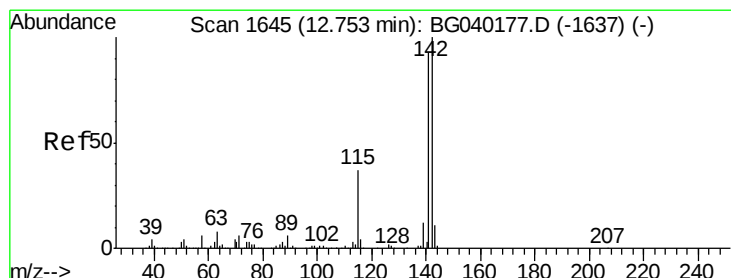
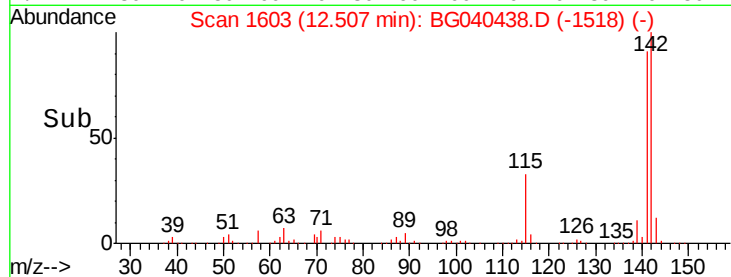
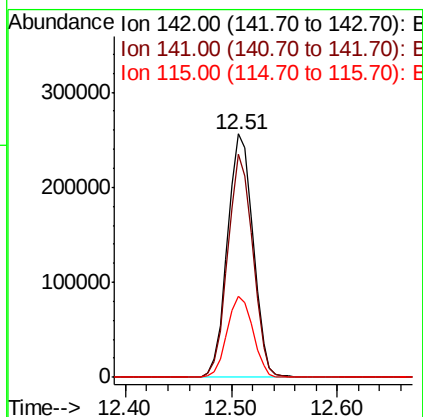
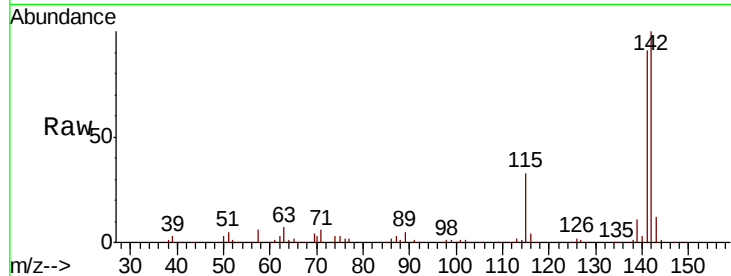




#37
2-Methylnaphthalene
Concen: 37.976 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.03 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

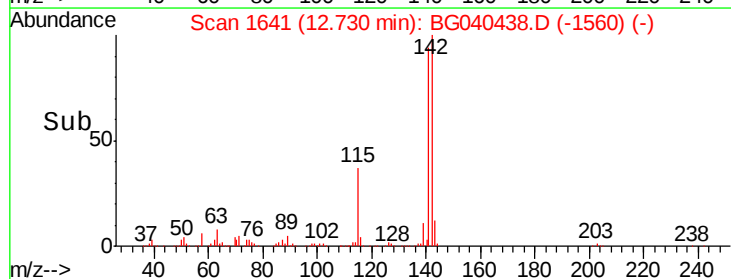
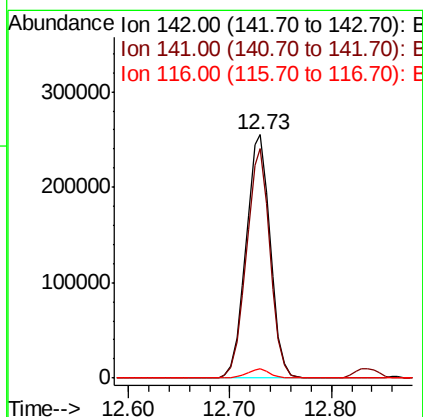
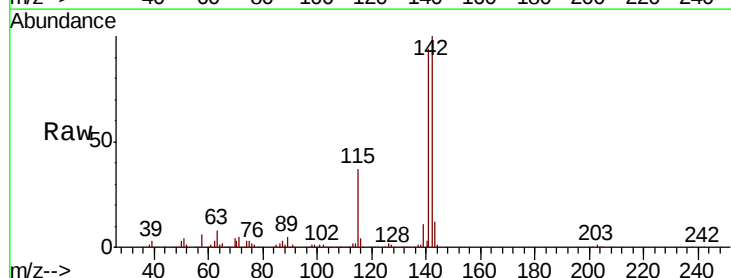
Instrument :
BNA_G
ClientSampleId :

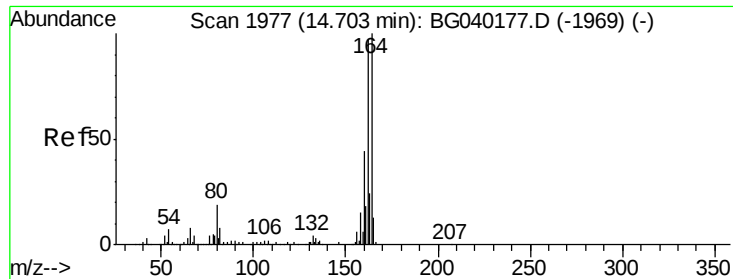
Tot Ion:142 Resp: 429436
Ion Ratio Lower Upper
142 100
141 91.4 71.0 106.6
115 33.2 27.3 40.9



#38
1-Methylnaphthalene
Concen: 38.420 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Tgt Ion:142 Resp: 421287
Ion Ratio Lower Upper
142 100
141 94.2 74.2 111.4
116 3.9 3.0 4.4

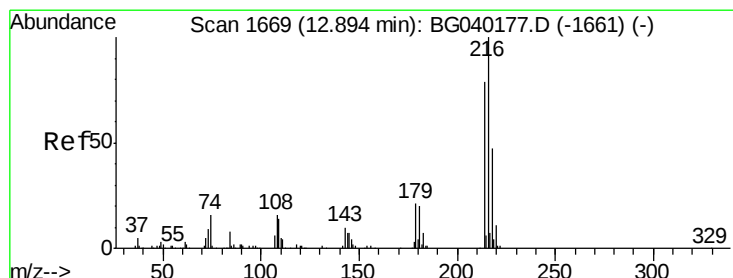
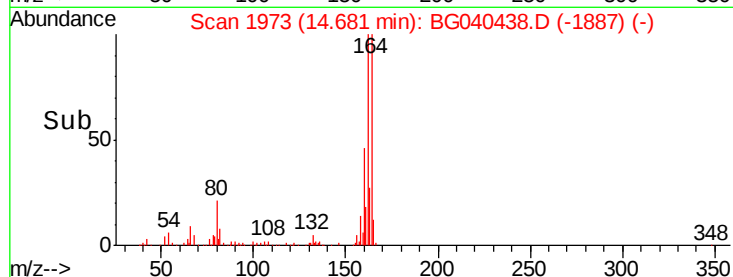
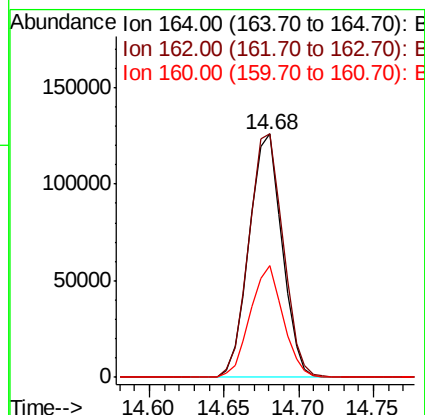
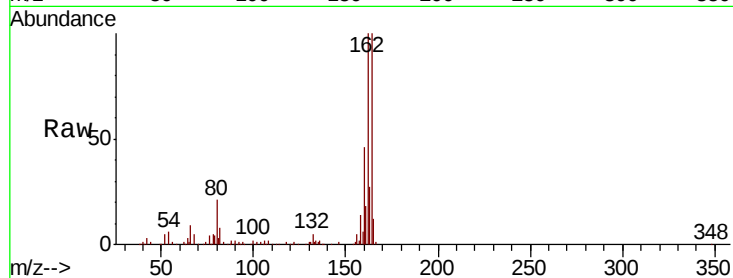




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

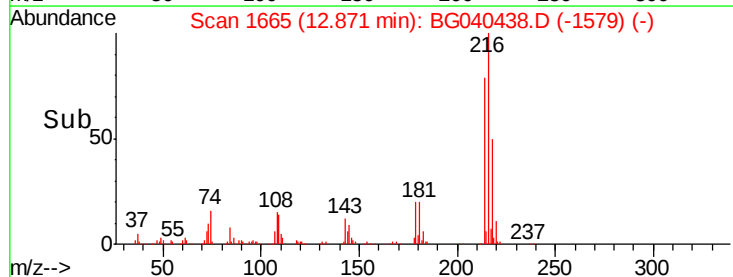
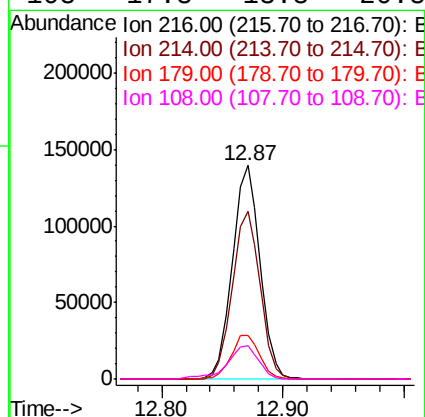
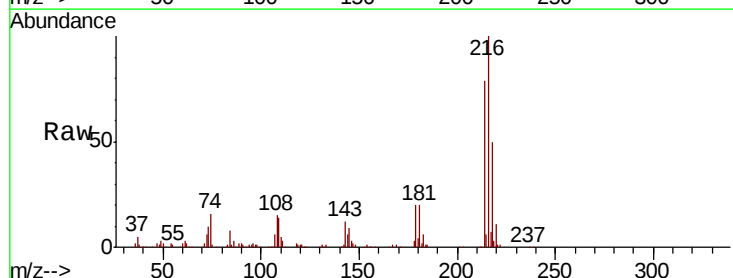
Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 191046
Ion Ratio Lower Upper
164 100
162 100.1 77.4 116.2
160 46.2 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.492 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Tgt Ion:216 Resp: 221585
Ion Ratio Lower Upper
216 100
214 79.2 63.5 95.3
179 21.0 16.6 25.0
108 17.8 13.8 20.8





#41

Hexachlorocyclopentadiene

Concen: 41.338 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

Instrument :

BNA_G

ClientSampled :

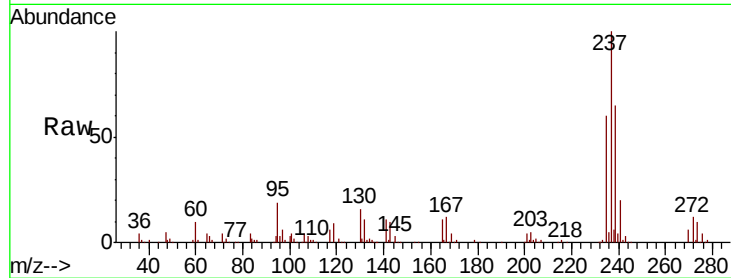
Tot Ion:237 Resp: 137823

Ion Ratio Lower Upper

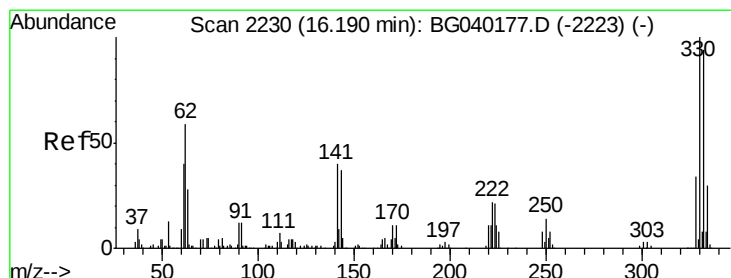
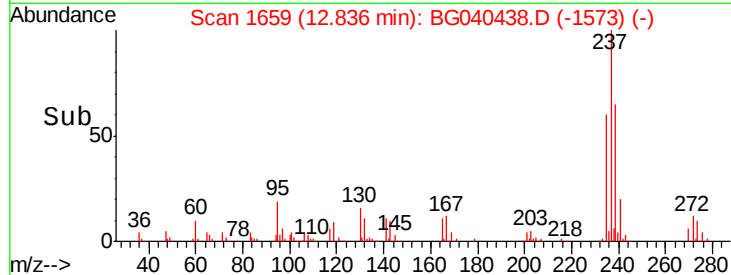
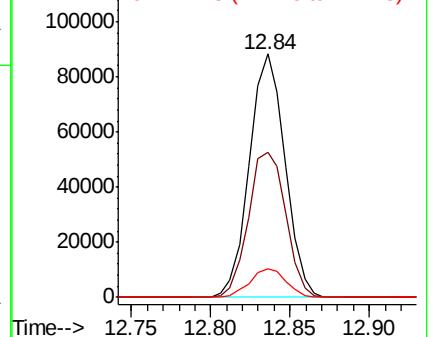
237 100

235 59.8 46.2 86.2

272 11.6 0.0 30.5



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



#42

2,4,6-Tribromophenol

Concen: 86.747 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

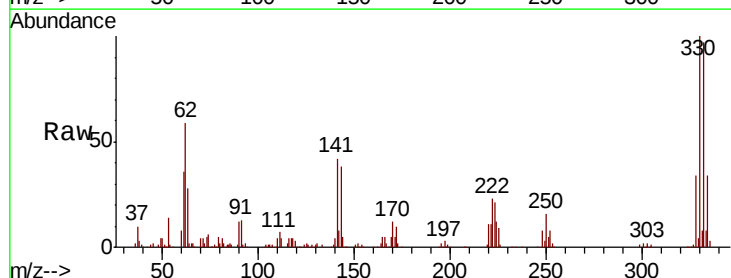
Tgt Ion:330 Resp: 179107

Ion Ratio Lower Upper

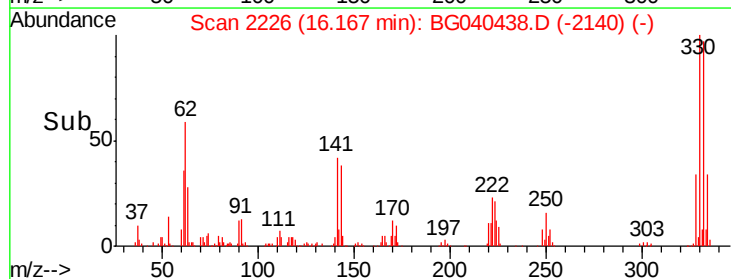
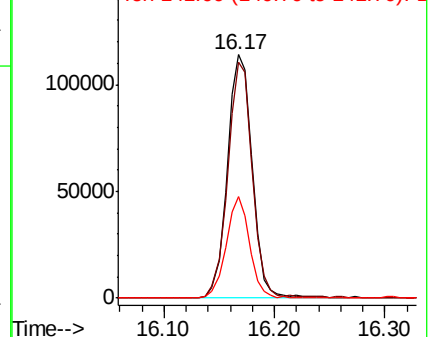
330 100

332 96.6 76.6 115.0

141 39.2 32.6 48.8



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

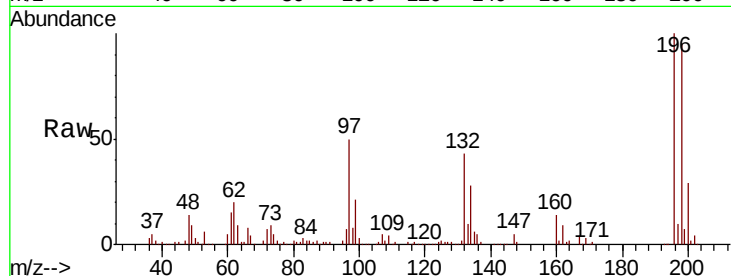




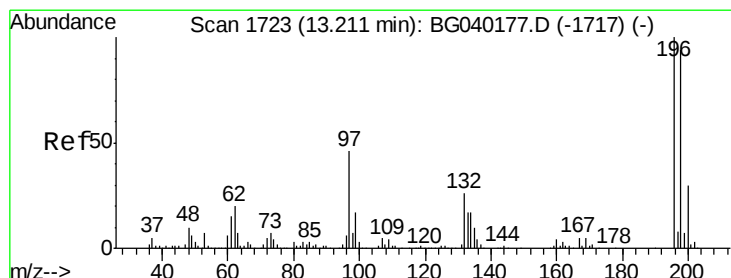
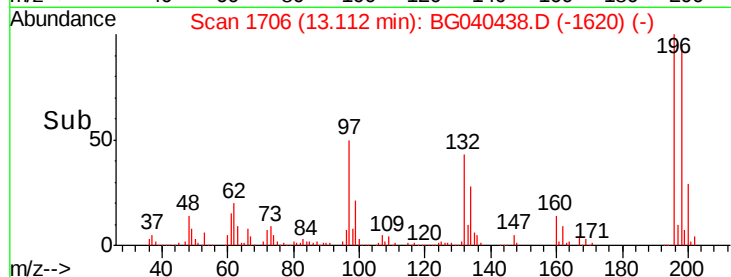
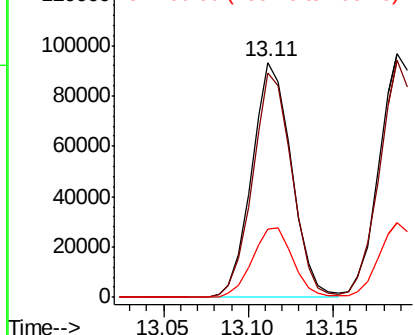
#43
 2,4,6-Trichlorophenol
 Concen: 38.697 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040438.D
 Acq: 11 Apr 2019 12:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 151493
 Ion Ratio Lower Upper
 196 100
 198 95.4 78.3 117.5
 200 29.2 26.0 39.0



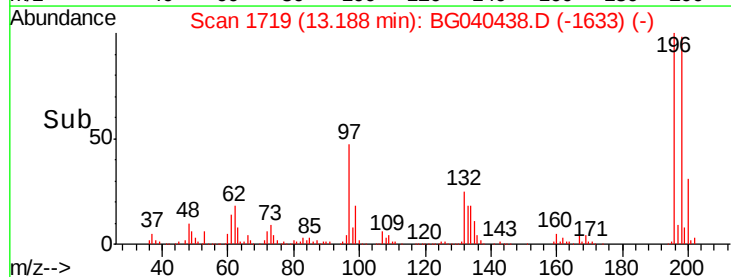
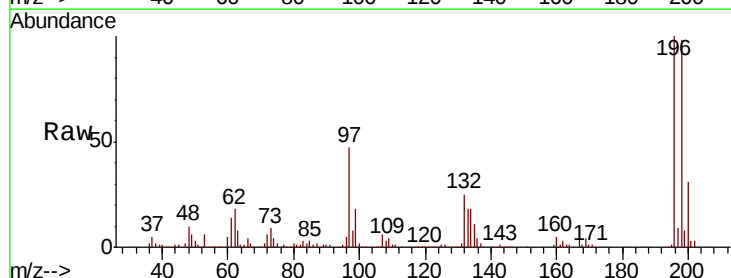
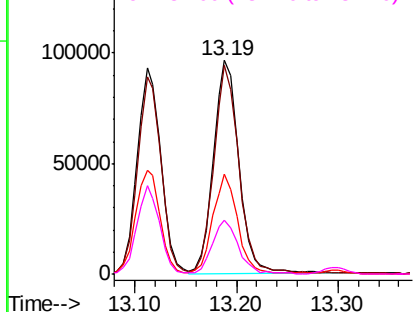
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 39.324 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040438.D
 Acq: 11 Apr 2019 12:48

Tgt Ion:196 Resp: 167800
 Ion Ratio Lower Upper
 196 100
 198 97.7 75.0 112.6
 97 47.0 37.3 55.9
 132 25.4 20.9 31.3

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

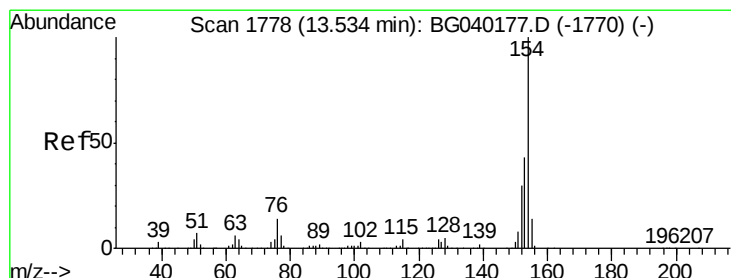
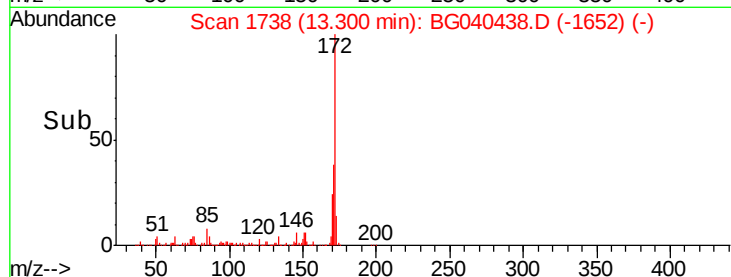
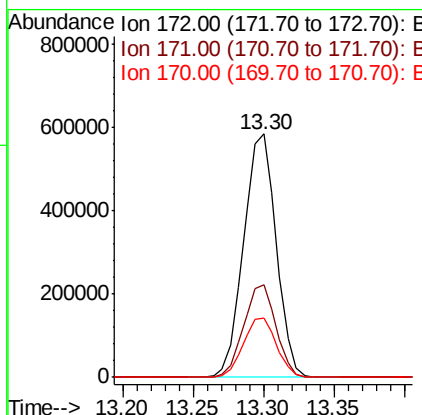
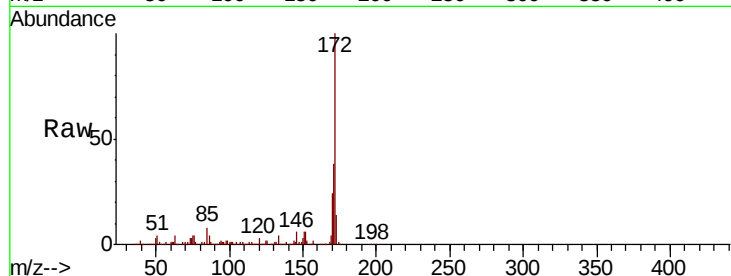




#45
2-Fluorobiphenyl
Concen: 73.173 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

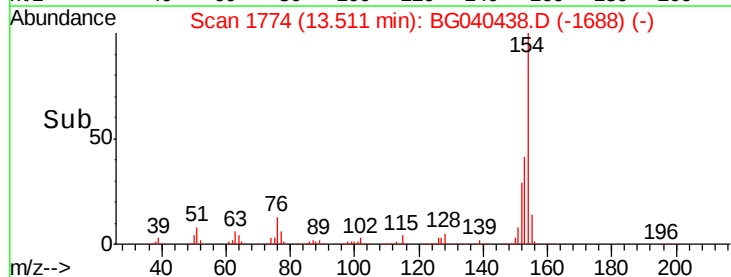
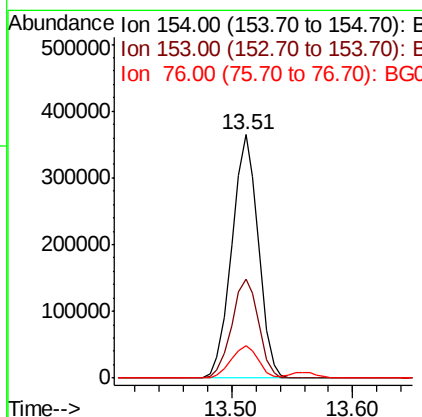
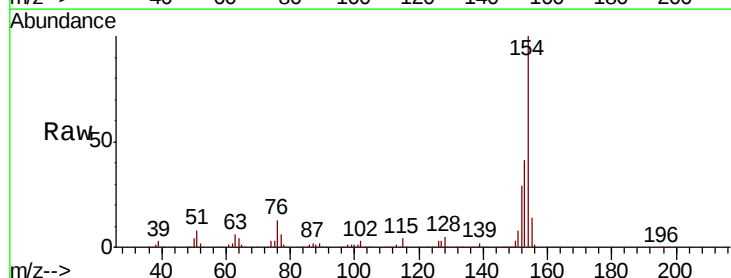
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.5	45.7
170	24.2	20.1	30.1



#46
1,1'-Biphenyl
Concen: 36.882 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.5	62.5
76	13.3	0.0	33.7

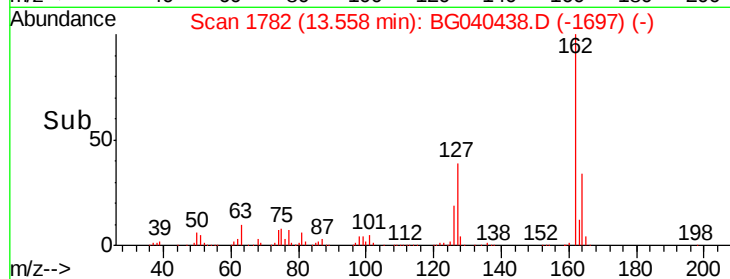
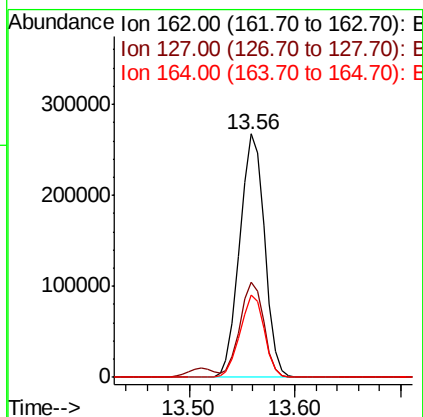
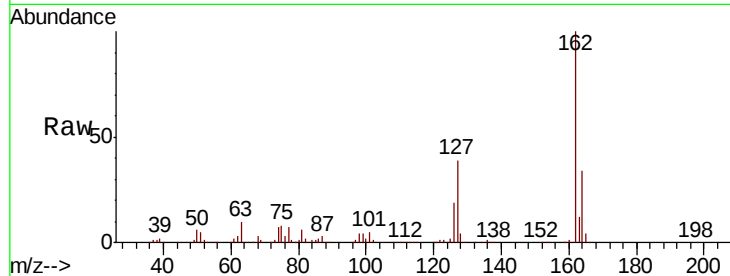




#47
2-Chloronaphthalene
Concen: 37.537 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.03 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

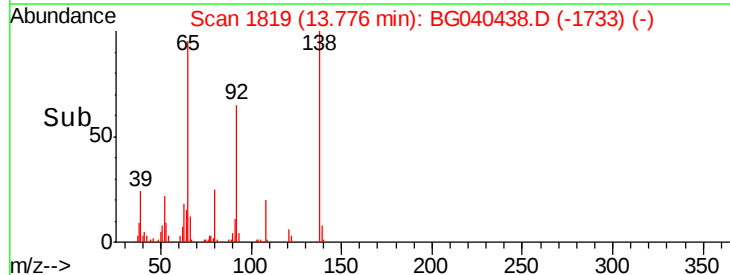
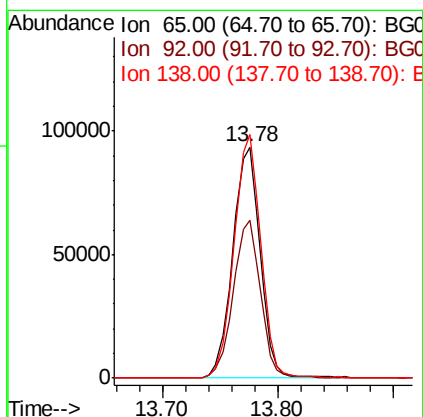
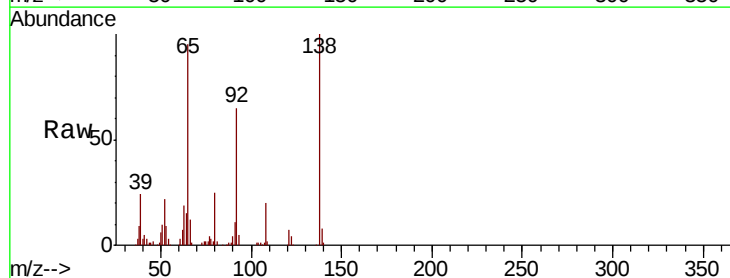
Instrument :
BNA_G
ClientSampleId :

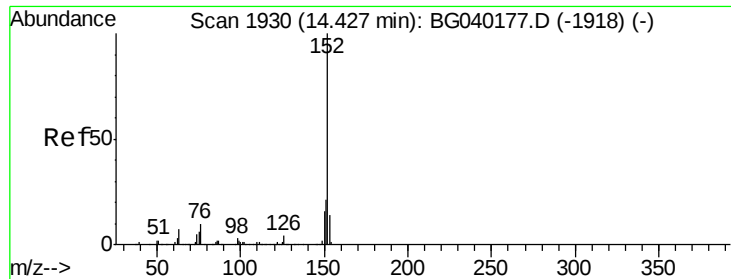
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	30.6	45.8
164	33.6	26.2	39.4



#48
2-Nitroaniline
Concen: 39.456 ng
RT: 13.78 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	53.8	80.6
138	105.2	86.3	129.5





#49

Acenaphthylene

Concen: 38.027 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

Instrument :

BNA_G

ClientSampleId :

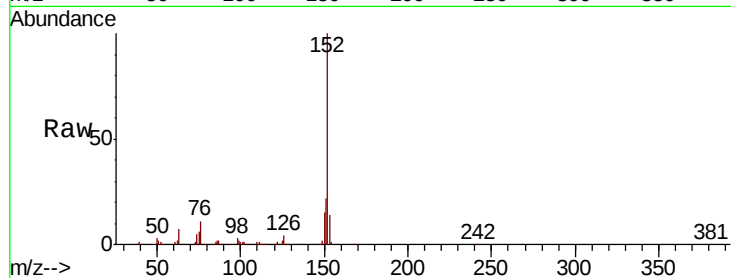
Tot Ion:152 Resp: 746550

Ion Ratio Lower Upper

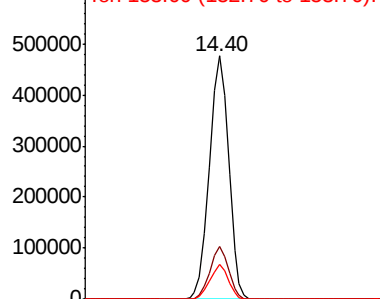
152 100

151 22.0 17.0 25.6

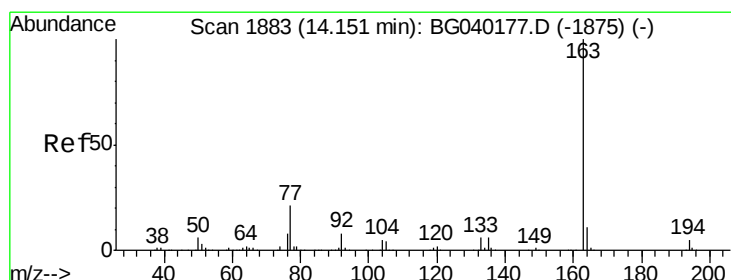
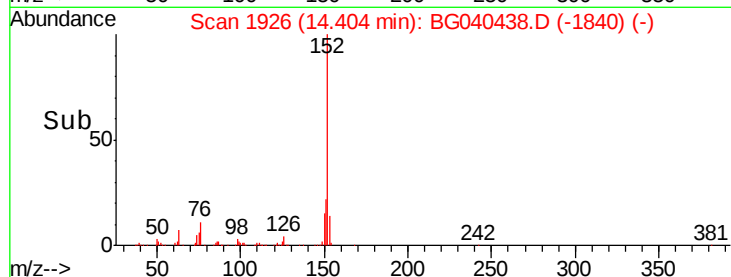
153 14.2 10.8 16.2



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



Time-->



#50

Dimethylphthalate

Concen: 37.987 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

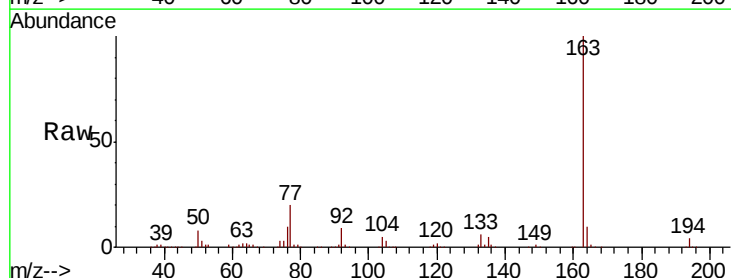
Tgt Ion:163 Resp: 567977

Ion Ratio Lower Upper

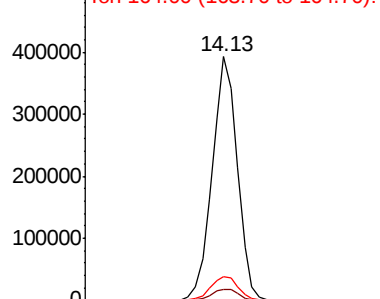
163 100

194 4.3 4.1 6.1

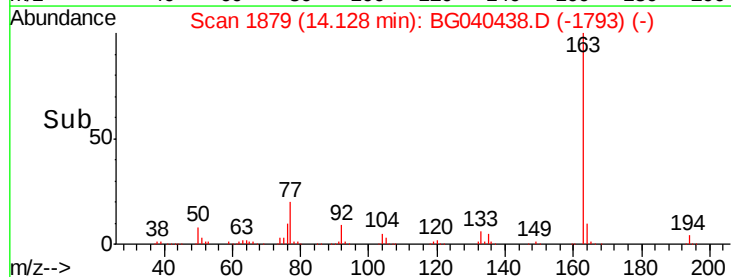
164 9.6 8.6 13.0

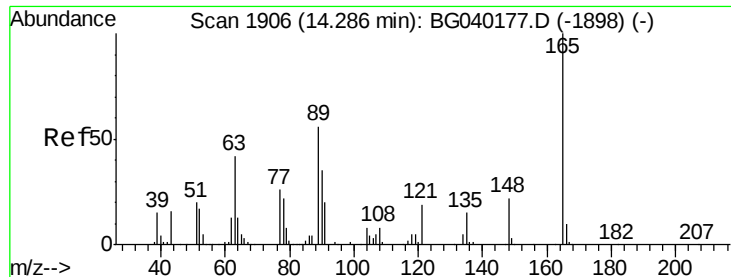


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

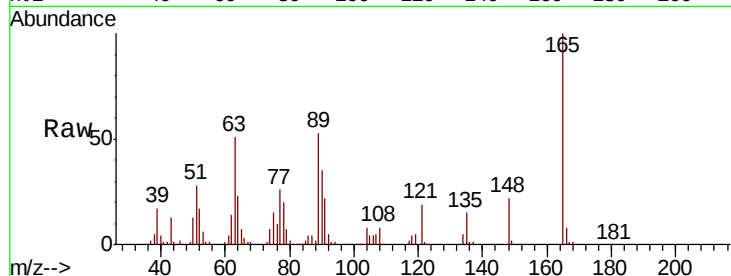




#51
 2,6-Dinitrotoluene
 Concen: 39.754 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BG040438.D
 Acq: 11 Apr 2019 12:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.2	44.1	66.1
89	52.7	44.9	67.3

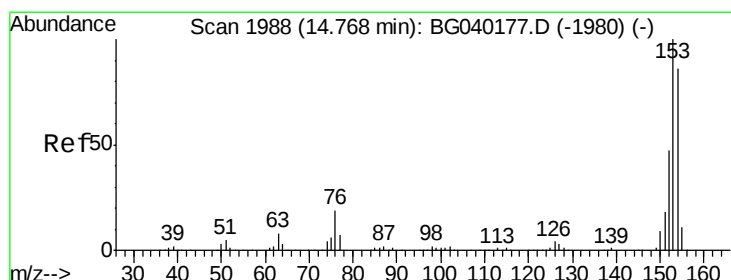
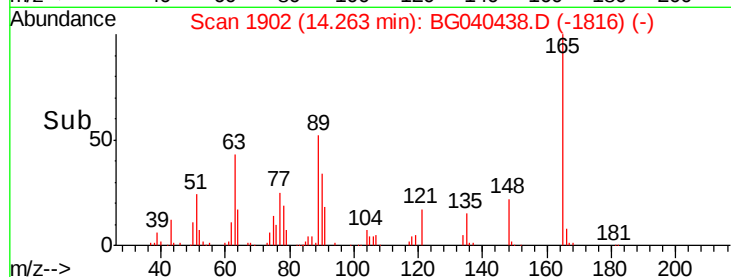
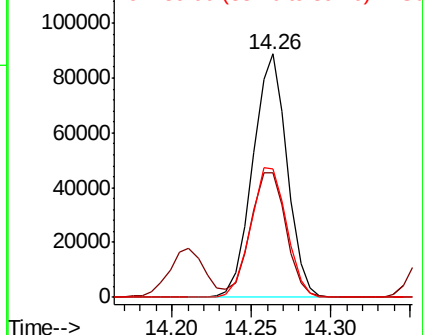


Abundance

Ion 165.00 (164.70 to 165.70): E

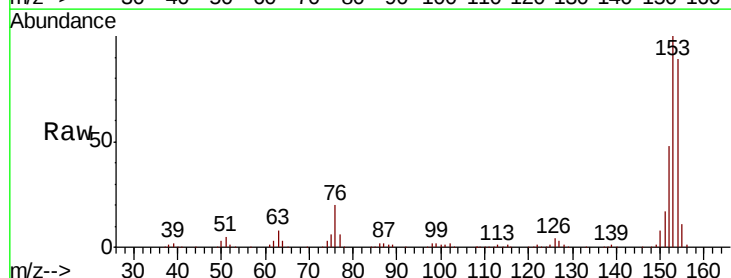
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52
 Acenaphthene
 Concen: 37.811 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BG040438.D
 Acq: 11 Apr 2019 12:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	92.8	139.2
152	54.1	43.4	65.2

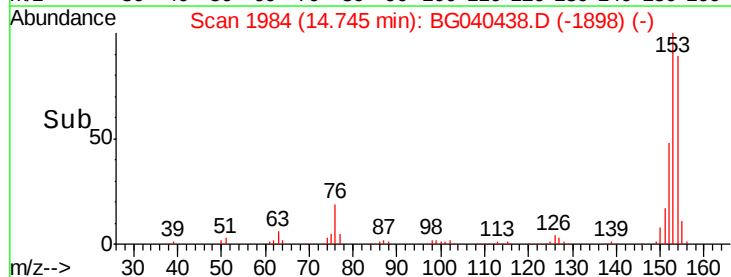
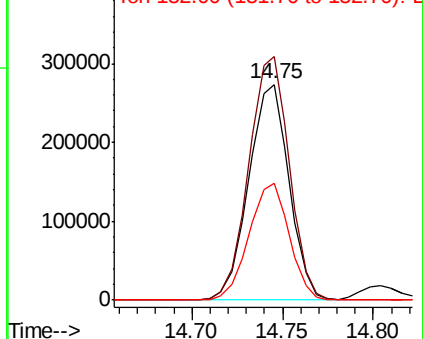


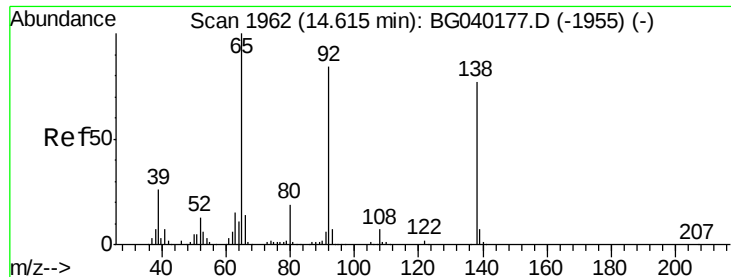
Abundance

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: 39.524 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

Instrument :

BNA_G

ClientSampleId :

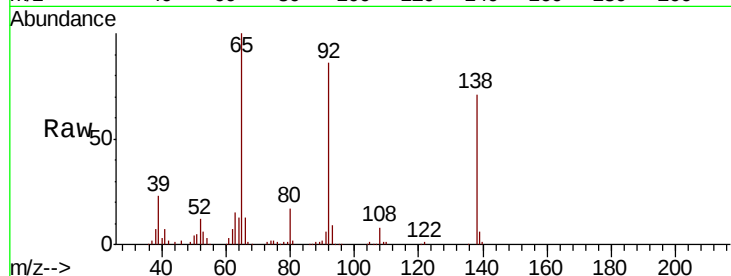
Tot Ion:138 Resp: 140459

Ion Ratio Lower Upper

138 100

108 11.3 7.8 11.8

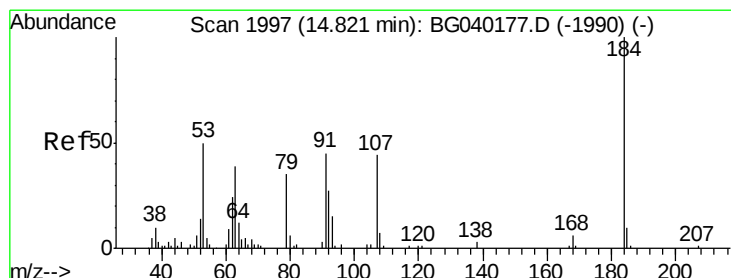
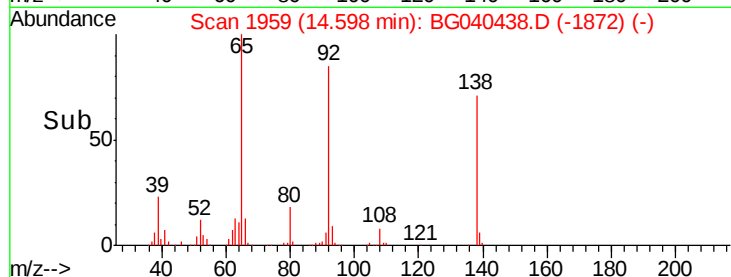
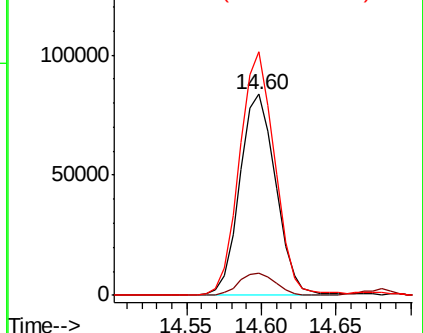
92 121.3 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 32.212 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

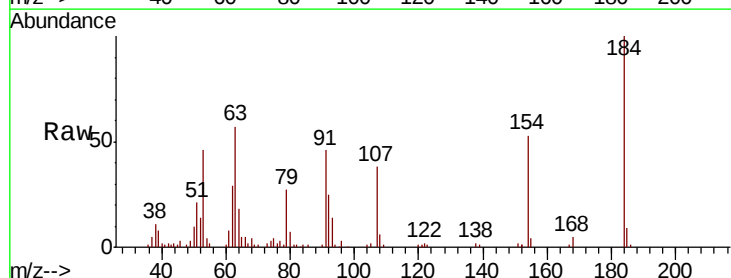
Tgt Ion:184 Resp: 57513

Ion Ratio Lower Upper

184 100

63 57.5 51.8 77.8

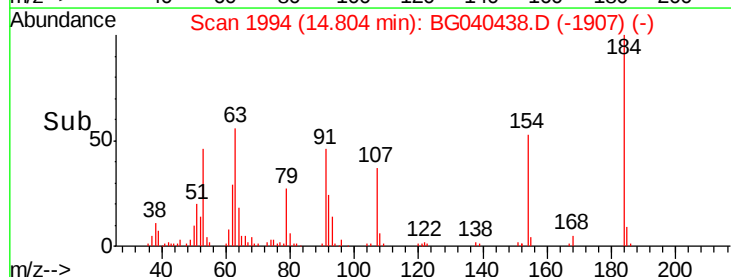
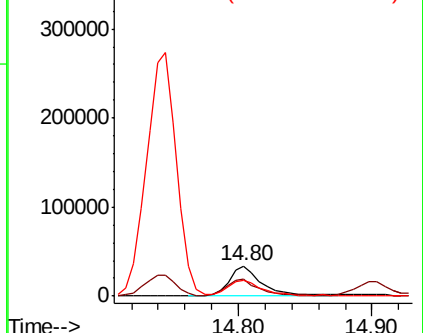
154 53.1 50.9 76.3

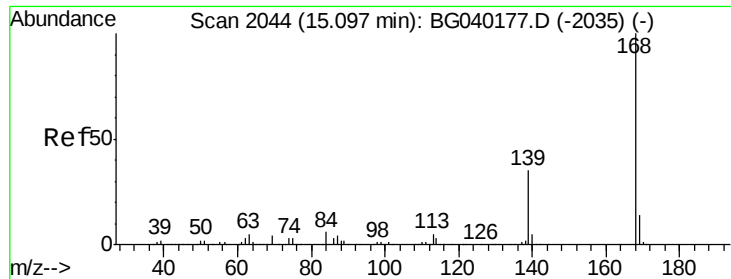


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

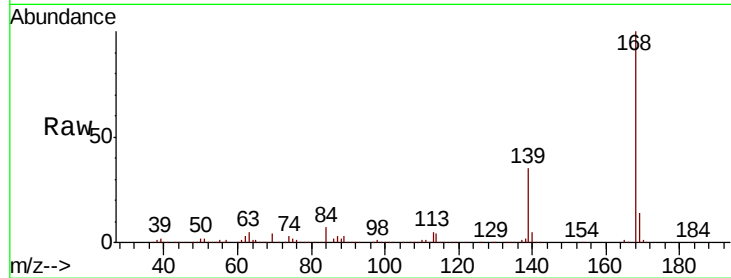




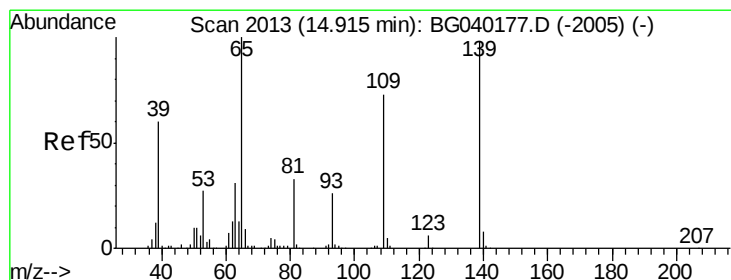
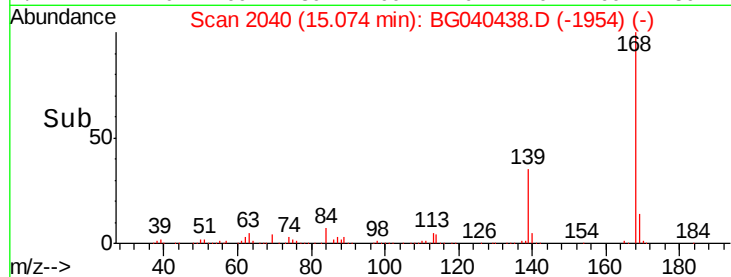
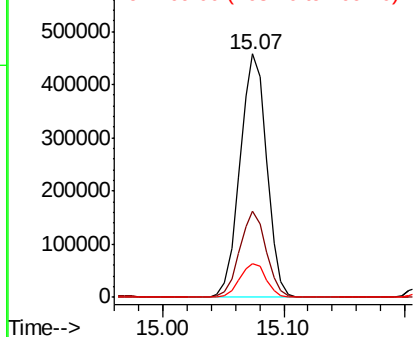
#55
Dibenzenofuran
Concen: 38.994 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 704864
Ion Ratio Lower Upper
168 100
139 35.2 27.9 41.9
169 13.9 11.3 16.9

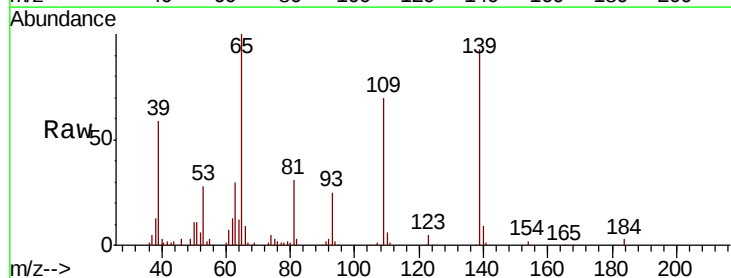


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

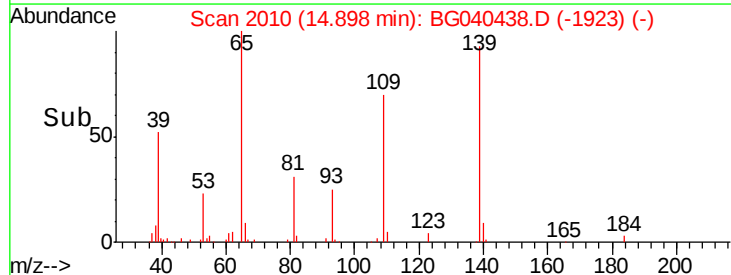
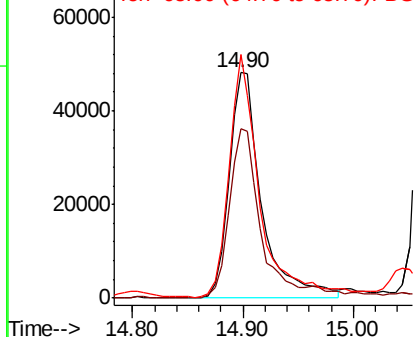


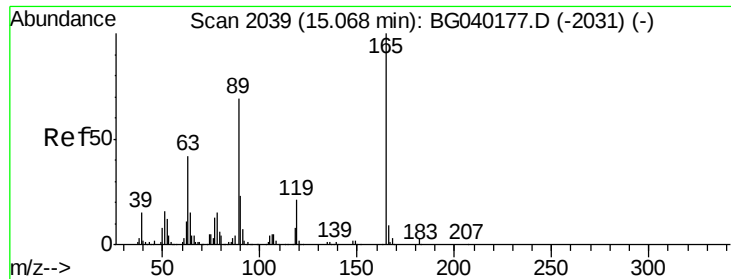
#56
4-Nitrophenol
Concen: 34.619 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Tgt Ion:139 Resp: 99295
Ion Ratio Lower Upper
139 100
109 75.2 54.3 94.3
65 108.0 82.5 122.5



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG

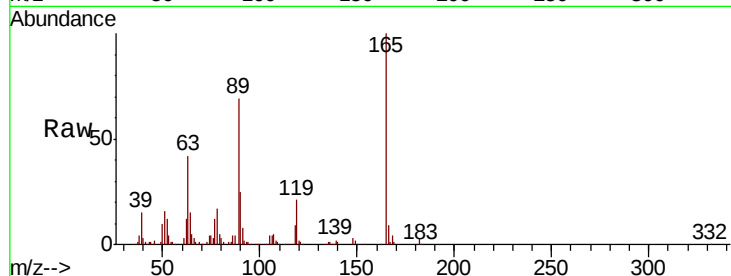




#57
2,4-Dinitrotoluene
Concen: 41.492 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.3	33.8	50.6
89	68.9	55.4	83.2
182	2.9	2.2	3.4



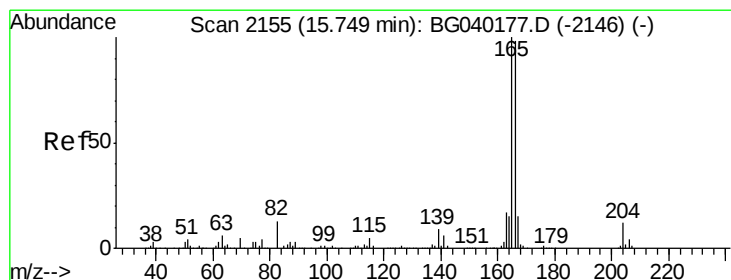
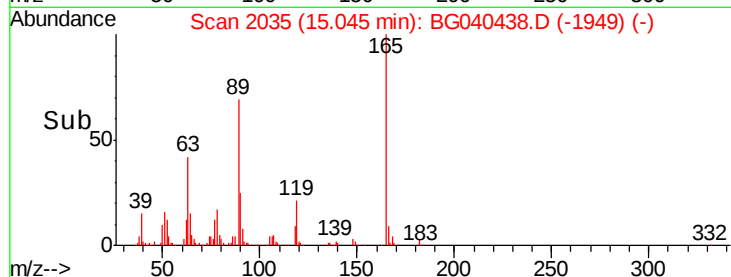
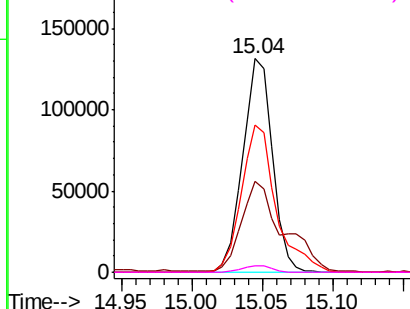
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

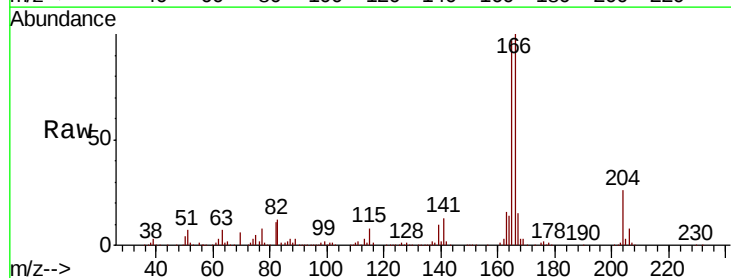
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.349 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	81.7	122.5
167	15.2	11.9	17.9

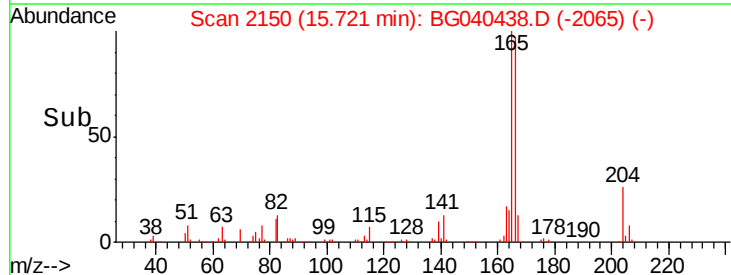
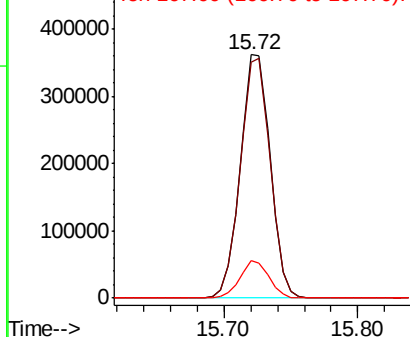


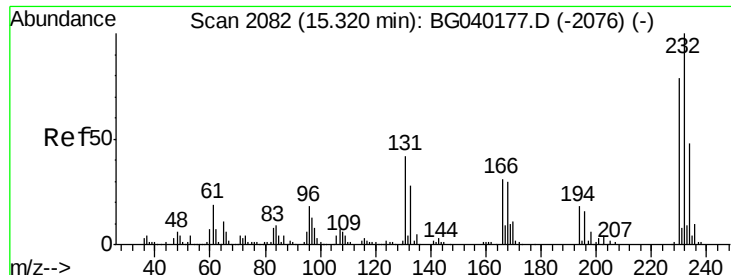
Abundance

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

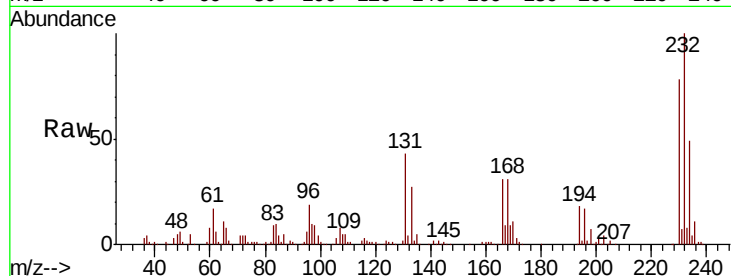




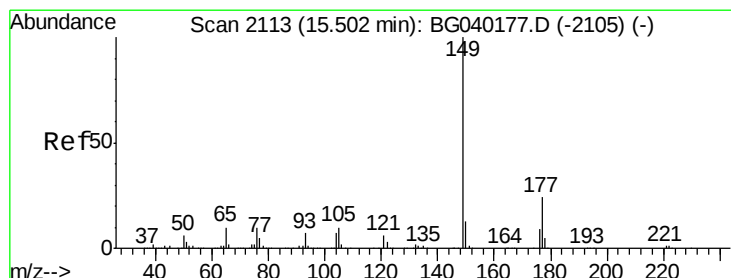
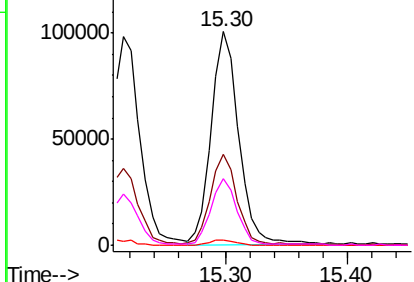
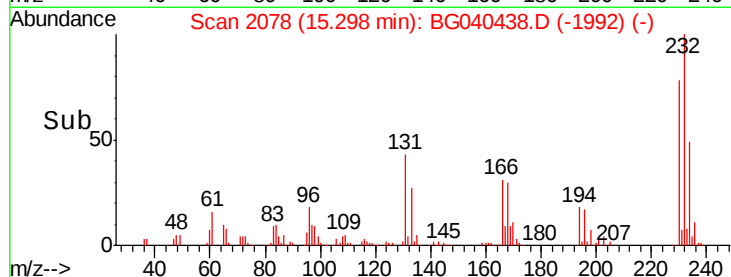
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.558 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040438.D
 Acq: 11 Apr 2019 12:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	157049
Ion	Ratio	Lower	Upper
232	100		
131	41.0	32.9	49.3
130	2.3	1.8	2.8
166	28.7	23.5	35.3

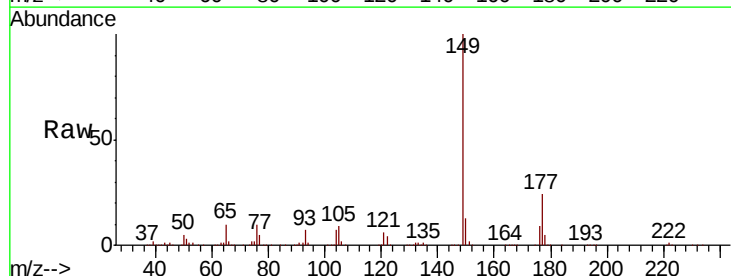


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

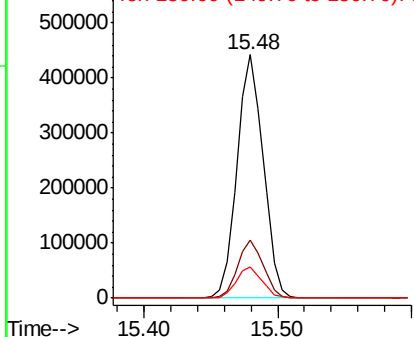
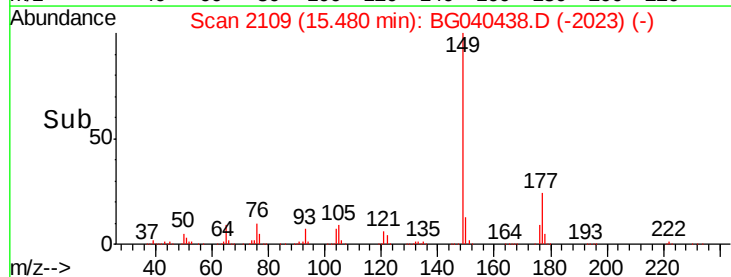


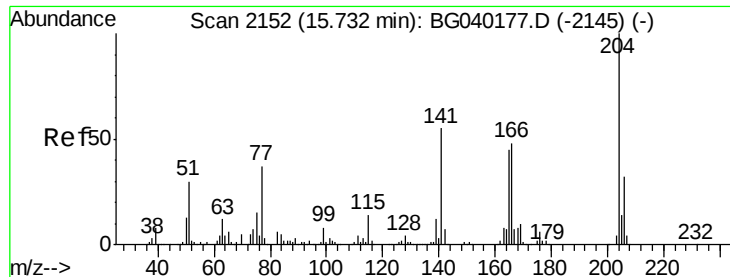
#60
 Diethylphthalate
 Concen: 39.213 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040438.D
 Acq: 11 Apr 2019 12:48

Tgt Ion:	149	Resp:	599969
Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.1	28.7
150	13.0	10.6	15.8



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

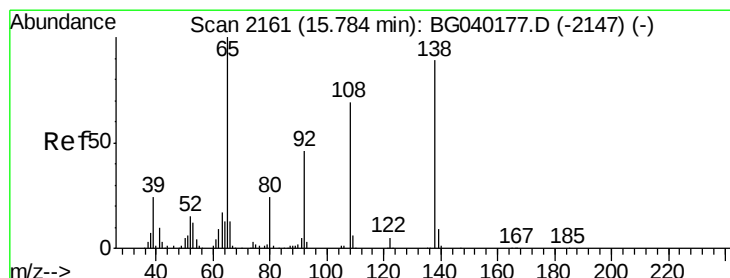
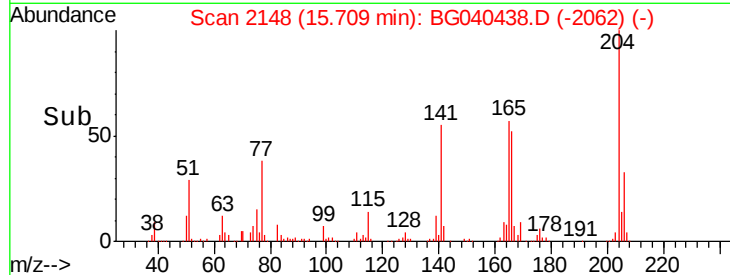
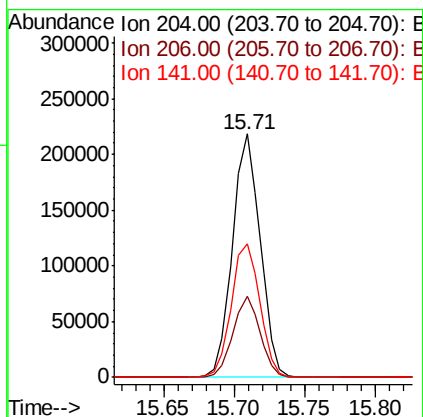
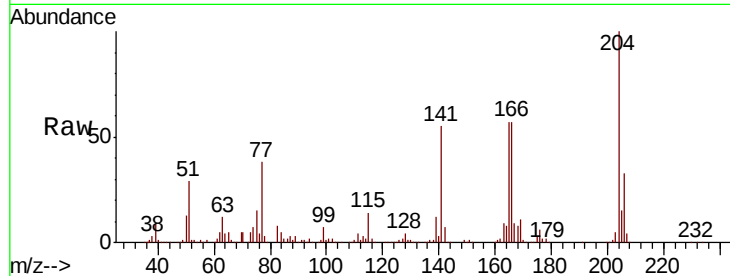




#61
 4-Chlorophenyl-phenylether
 Concen: 39.329 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040438.D
 Acq: 11 Apr 2019 12:48

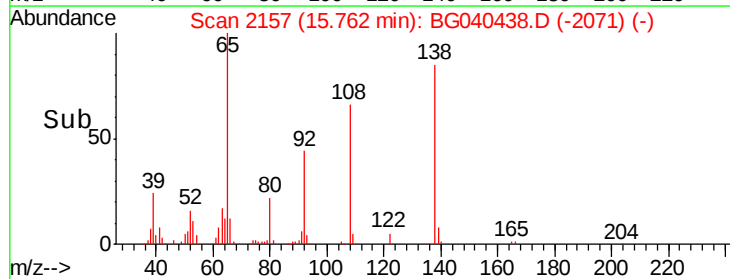
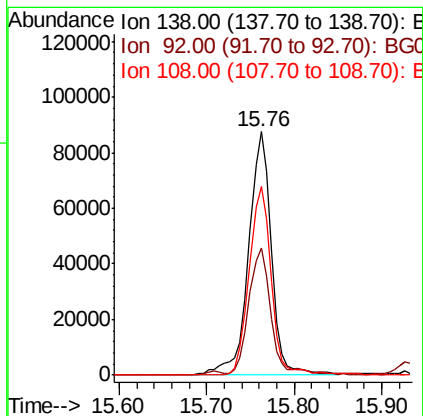
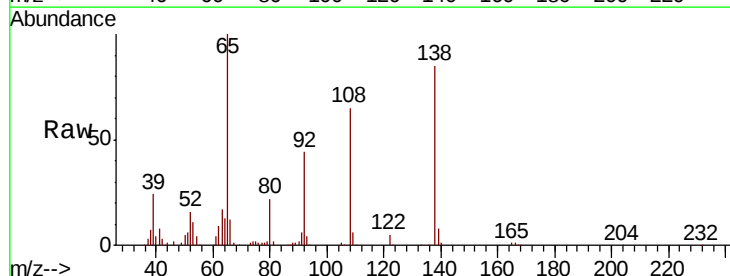
Instrument :
 BNA_G
 ClientSampled :

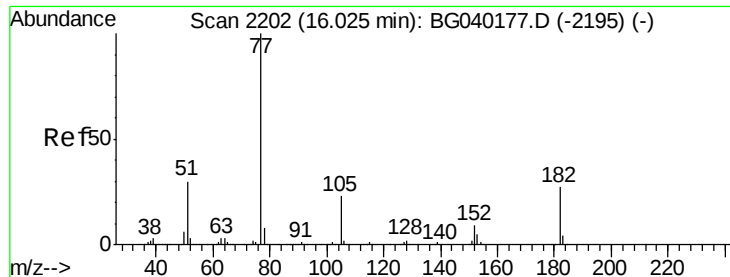
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.7	38.5
141	55.1	44.0	66.0



#62
 4-Nitroaniline
 Concen: 40.433 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040438.D
 Acq: 11 Apr 2019 12:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.4	31.8	71.8
108	77.3	57.2	97.2





#63

Azobenzene

Concen: 39.282 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

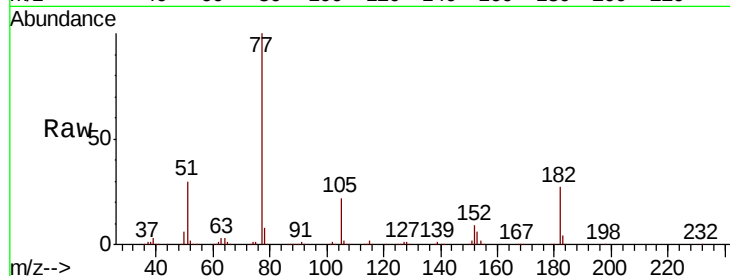
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 566920

Ion	Ratio	Lower	Upper
77	100		
182	27.4	7.2	47.2
105	22.0	2.8	42.8
51	30.2	10.4	50.4

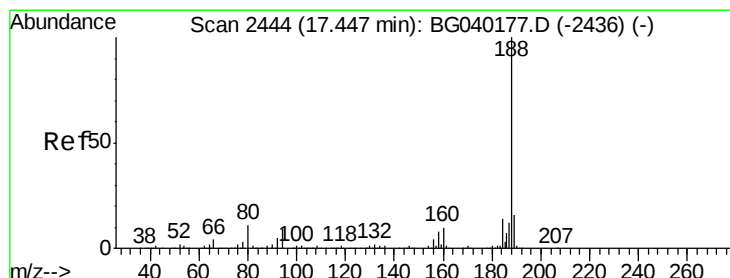
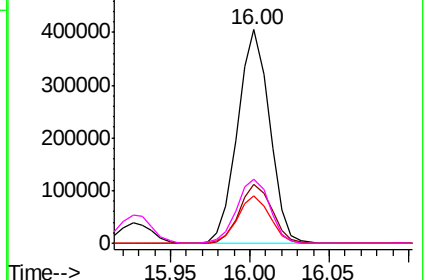
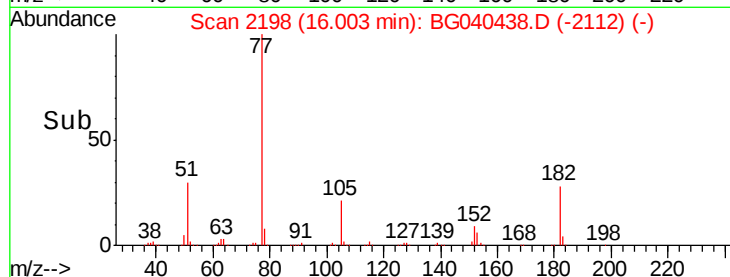


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

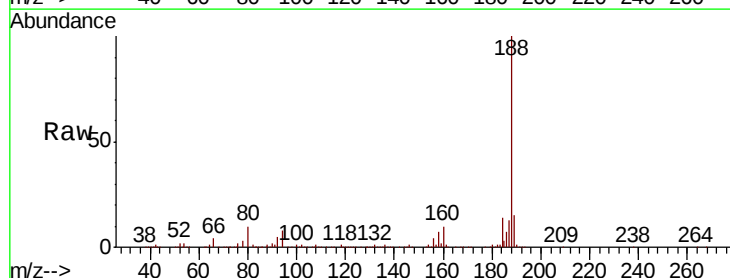
Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

Tgt Ion: 188 Resp: 483126

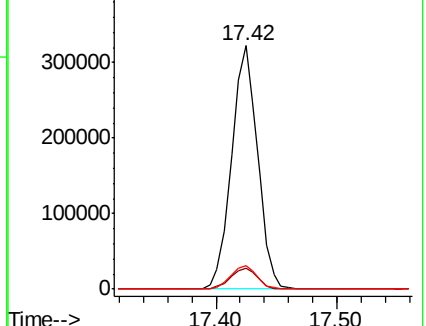
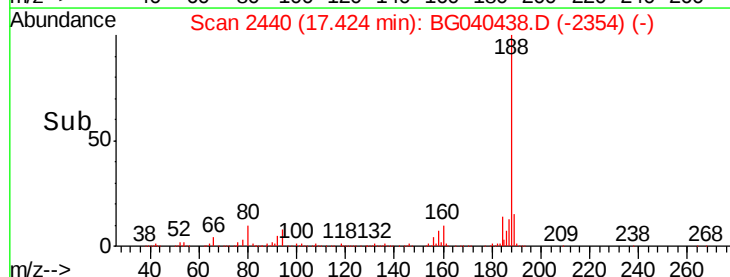
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.4
80	9.8	8.6	13.0

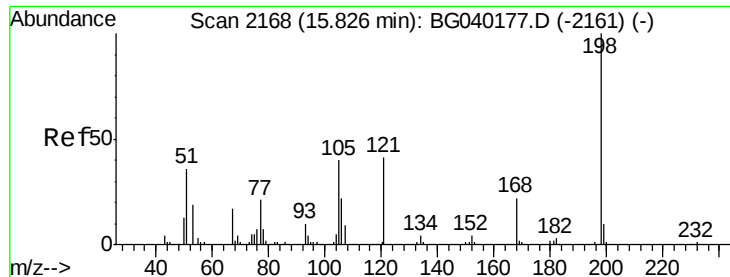


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 37.297 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

Instrument :

BNA_G

ClientSampleId :

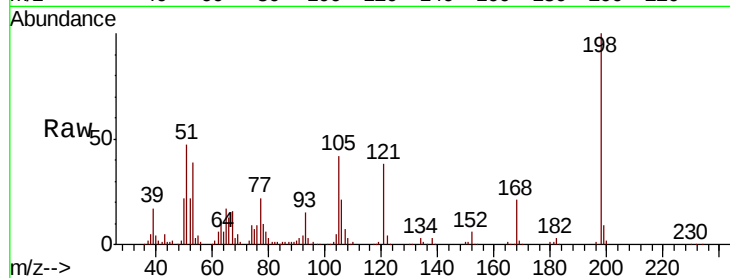
Tot Ion:198 Resp: 101235

Ion	Ratio	Lower	Upper
198	100		
51	47.2	27.3	67.3
105	41.8	21.7	61.7

198 100

51 47.2 27.3 67.3

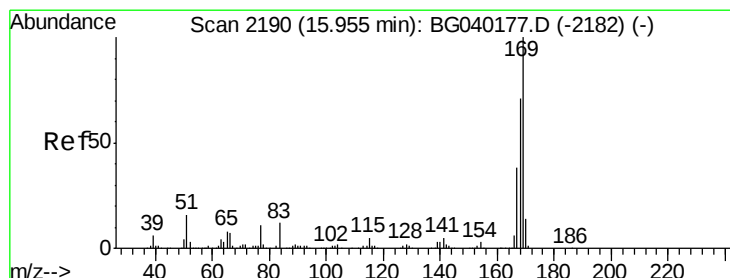
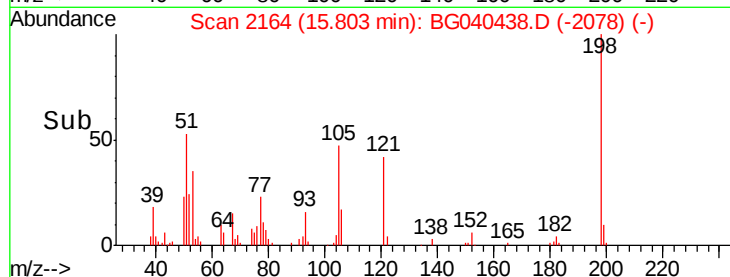
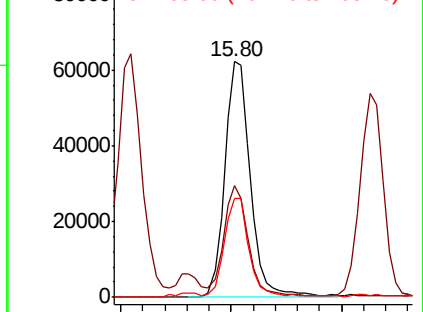
105 41.8 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.482 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.03 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

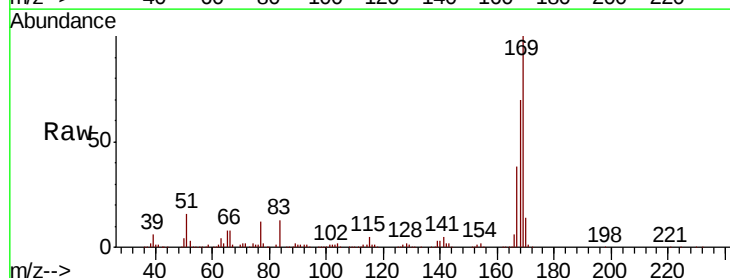
Tgt Ion:169 Resp: 515765

Ion	Ratio	Lower	Upper
169	100		
168	69.8	56.8	85.2
167	38.1	30.2	45.4

169 100

168 69.8 56.8 85.2

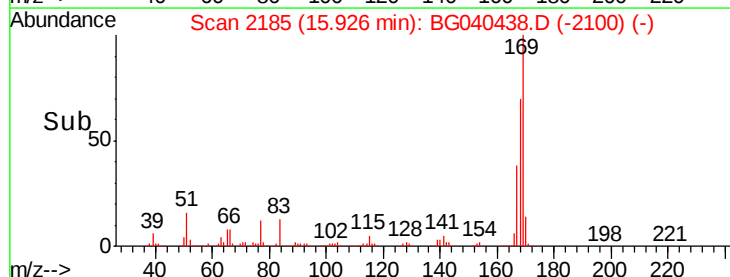
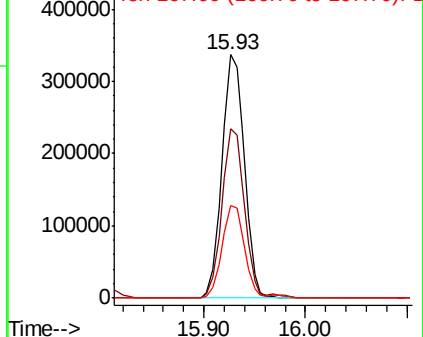
167 38.1 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

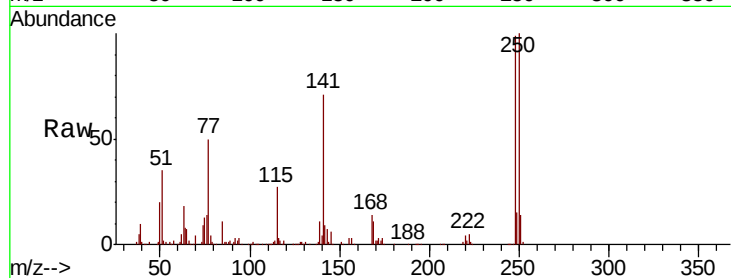




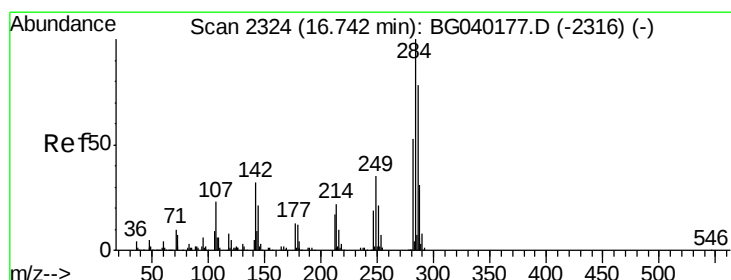
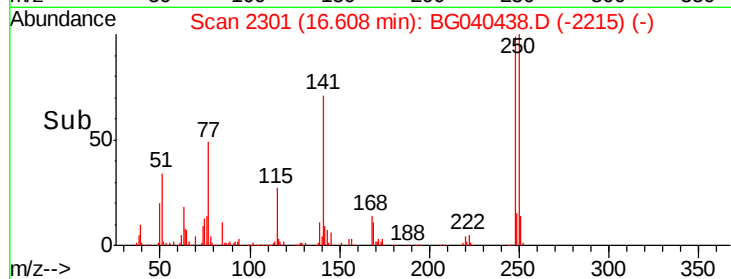
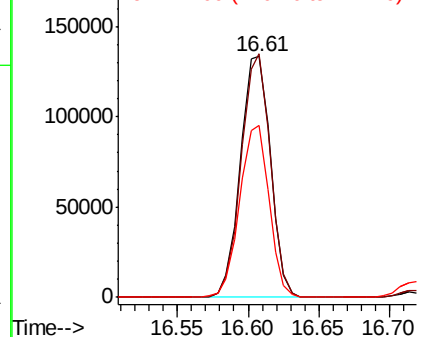
#67
4-Bromophenyl-phenylether
Concen: 36.506 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 198475
Ion Ratio Lower Upper
248 100
250 101.2 76.4 114.6
141 71.4 53.8 80.8

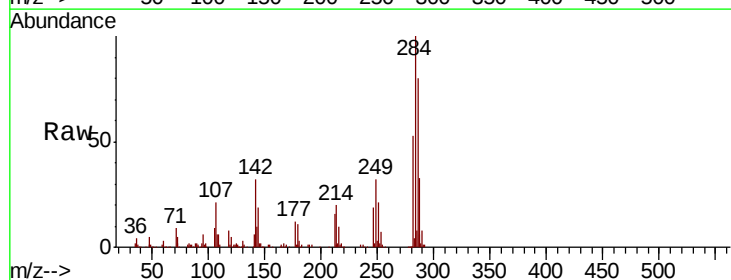


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

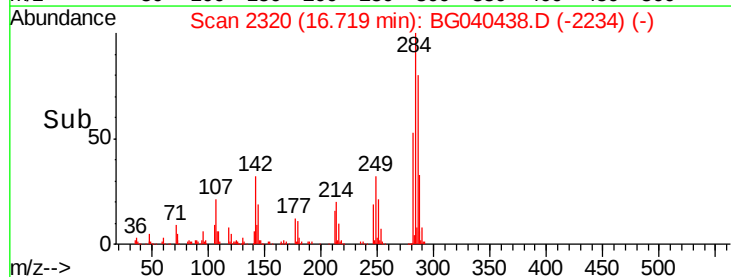
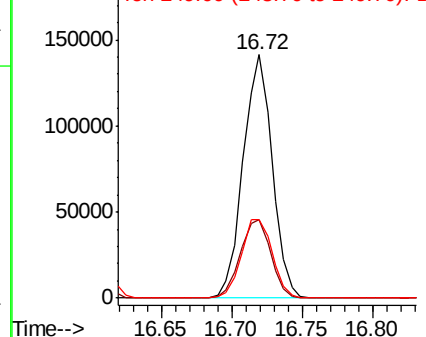


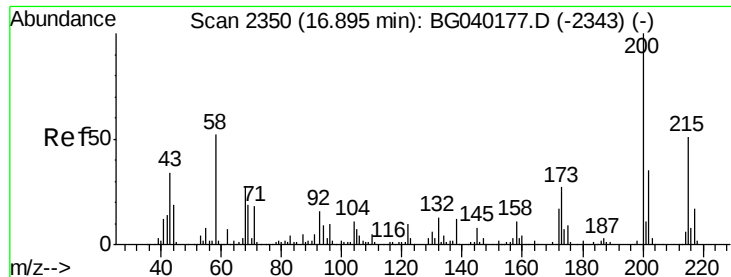
#68
Hexachlorobenzene
Concen: 37.245 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Tgt Ion:284 Resp: 203599
Ion Ratio Lower Upper
284 100
142 32.4 25.3 37.9
249 32.1 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

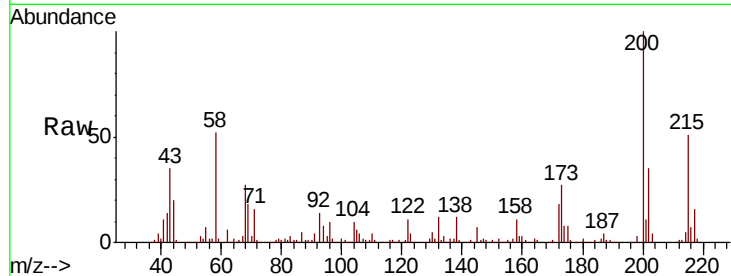




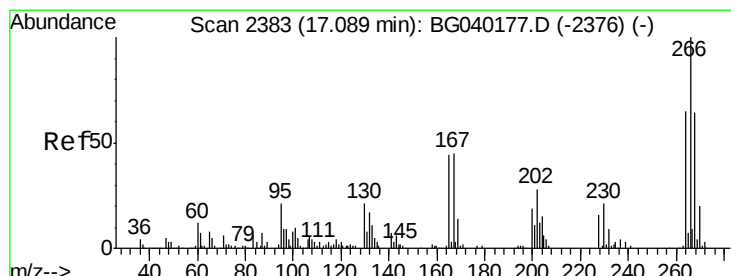
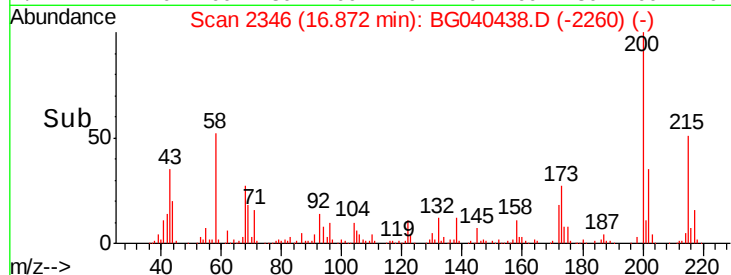
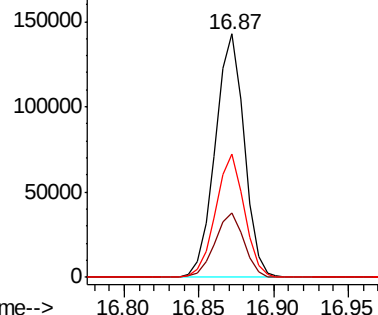
#69
 Atrazine
 Concen: 36.362 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG040438.D
 Acq: 11 Apr 2019 12:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.1	47.1
215	50.7	30.9	70.9

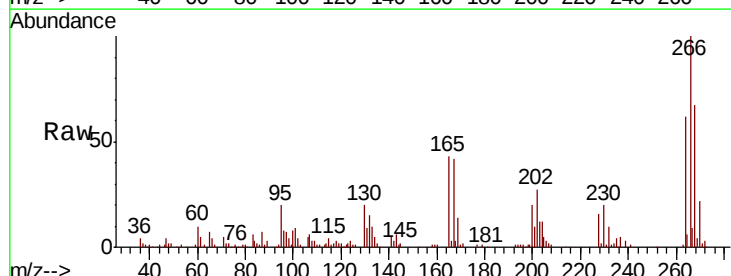


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

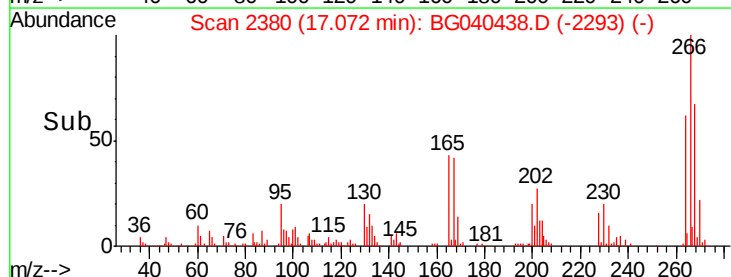
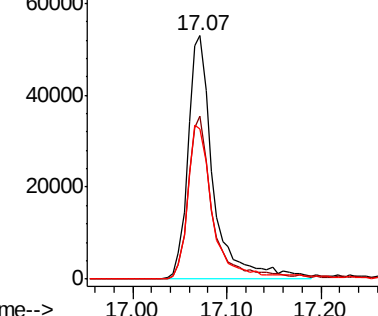


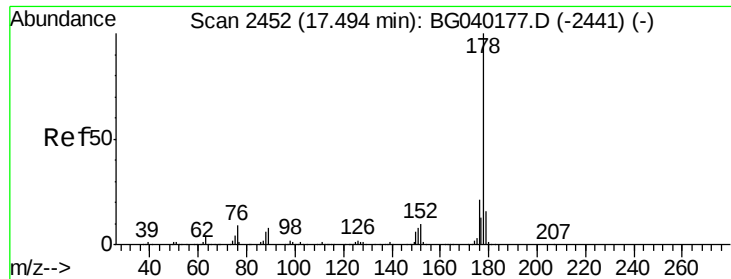
#70
 Pentachlorophenol
 Concen: 31.787 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.02 min
 Lab File: BG040438.D
 Acq: 11 Apr 2019 12:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.2	55.0	82.4
264	67.7	51.8	77.8



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

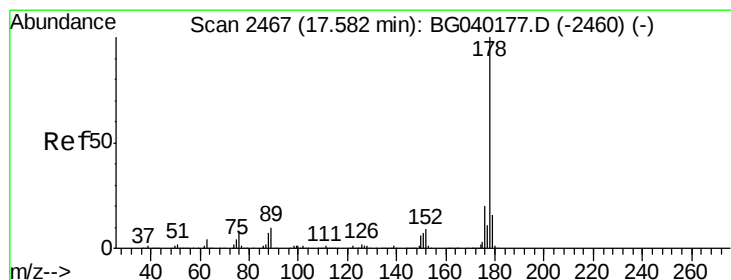
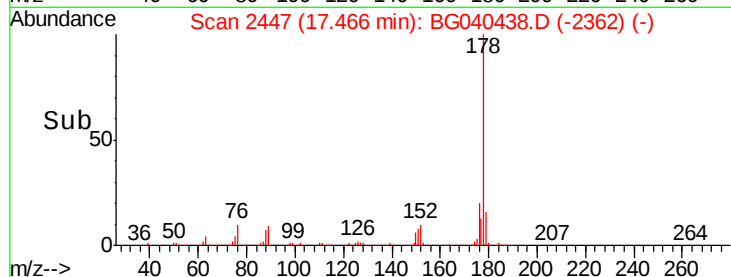
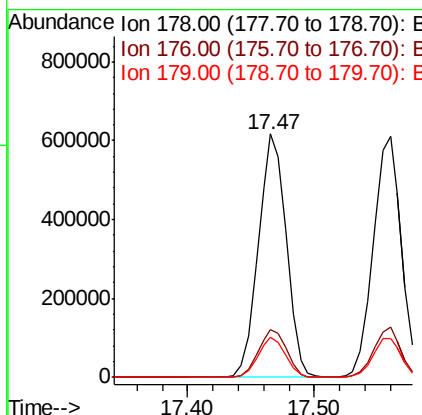
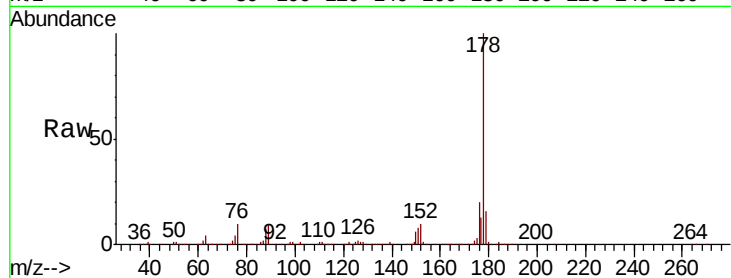




#71
Phenanthrene
Concen: 37.305 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

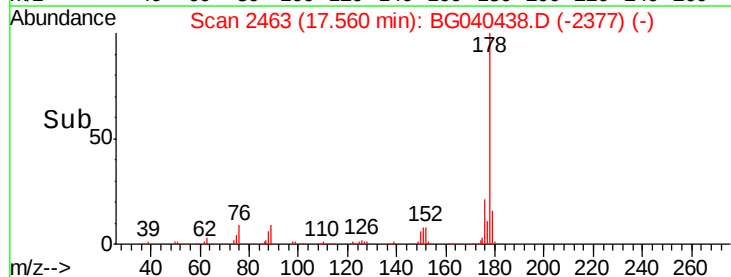
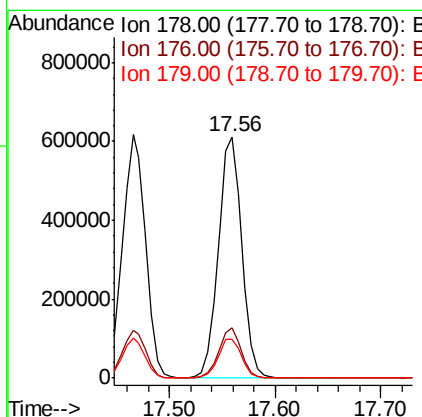
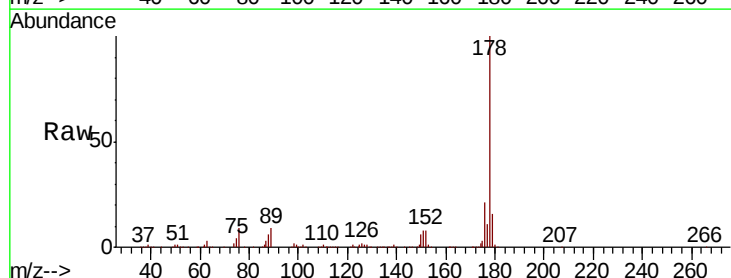
Instrument :
BNA_G
ClientSampleId :

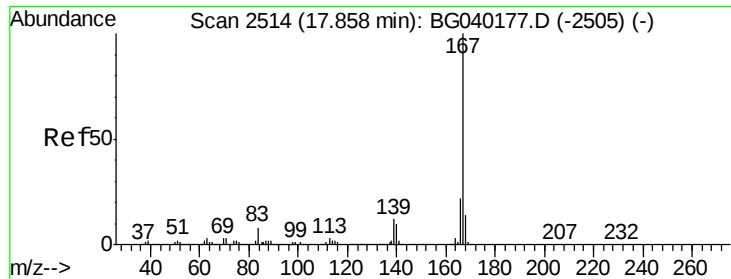
Tot Ion:178 Resp: 947323
Ion Ratio Lower Upper
178 100
176 19.8 16.7 25.1
179 16.3 12.8 19.2



#72
Anthracene
Concen: 37.174 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Tgt Ion:178 Resp: 944867
Ion Ratio Lower Upper
178 100
176 20.6 15.9 23.9
179 16.3 12.9 19.3





#73

Carbazole

Concen: 37.654 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

Instrument :

BNA_G

ClientSampleId :

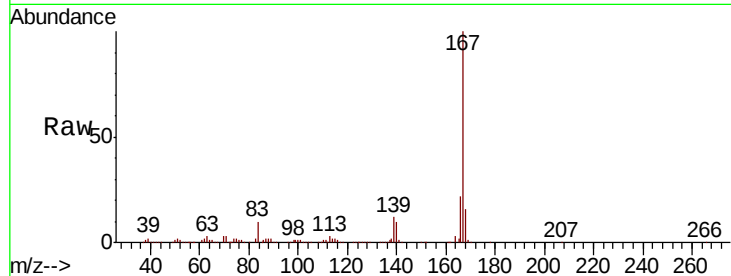
Tot Ion:167 Resp: 905762

Ion Ratio Lower Upper

167 100

166 21.5 17.5 26.3

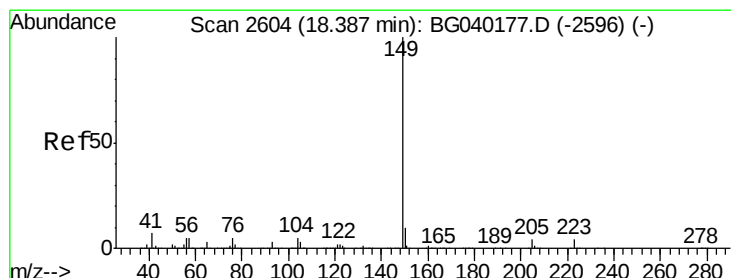
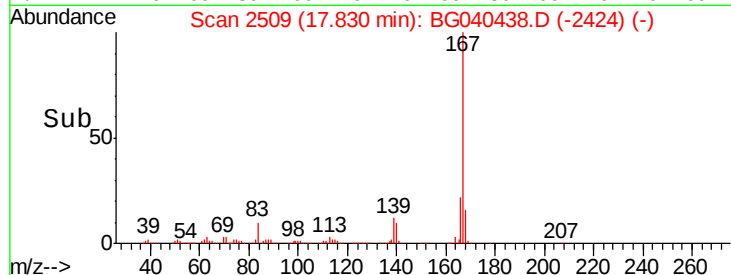
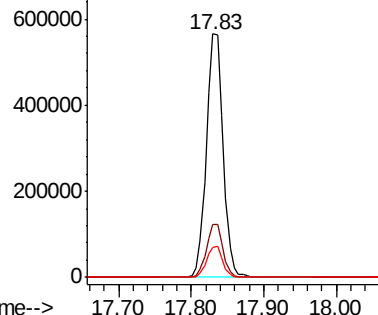
139 12.4 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.882 ng

RT: 18.36 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

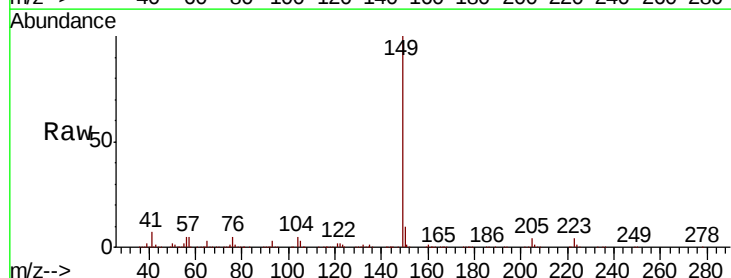
Tgt Ion:149 Resp: 1080138

Ion Ratio Lower Upper

149 100

150 10.0 7.9 11.9

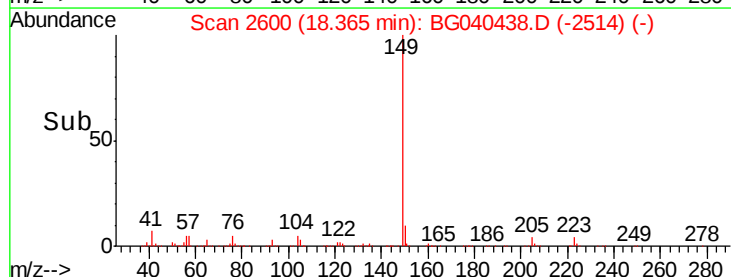
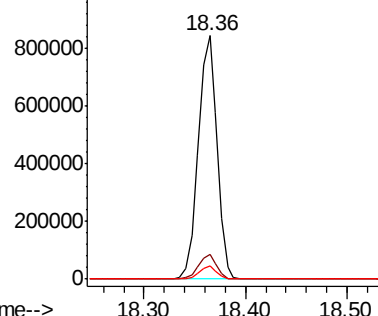
104 5.3 4.1 6.1

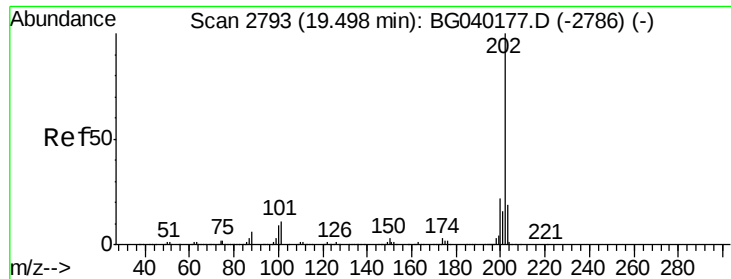


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.627 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

Instrument :

BNA_G

ClientSampled :

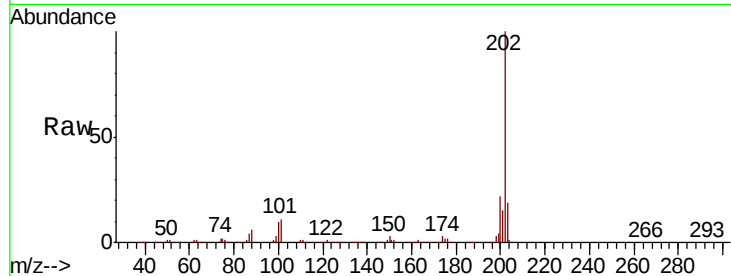
Tot Ion:202 Resp: 1131422

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.8

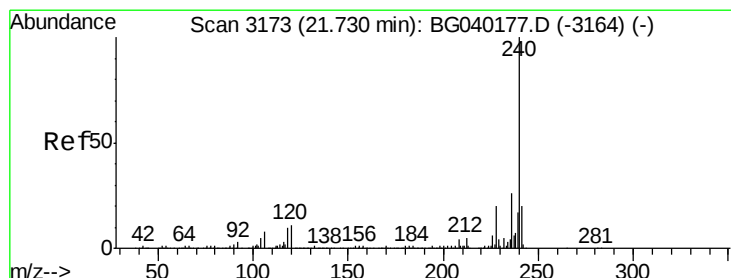
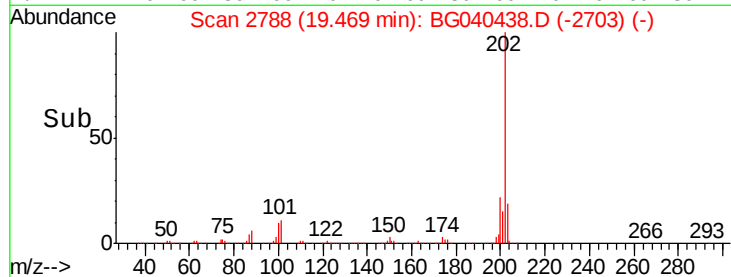
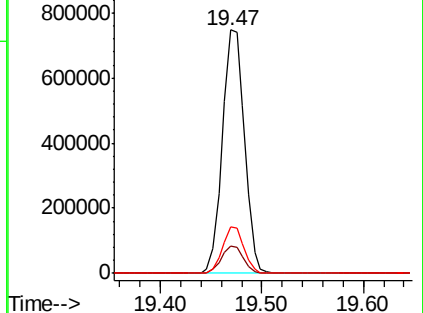
203 19.3 0.0 38.9



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: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

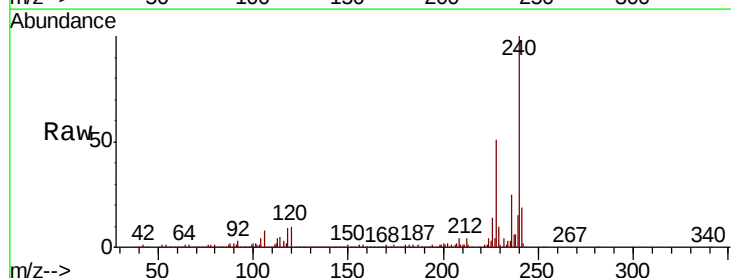
Tgt Ion:240 Resp: 461808

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

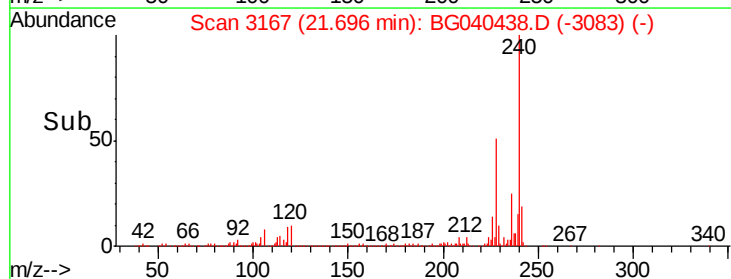
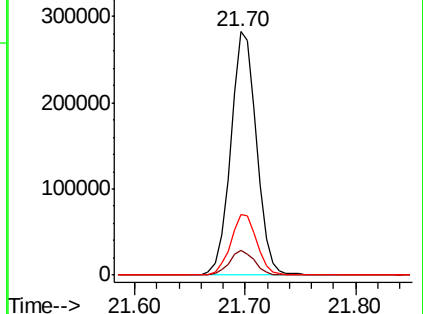
236 24.8 20.8 31.2

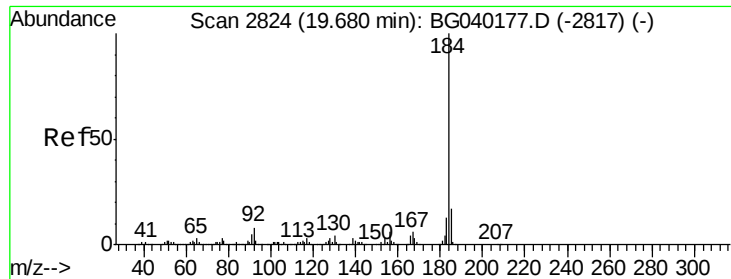


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.201 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

Instrument :

BNA_G

ClientSampleId :

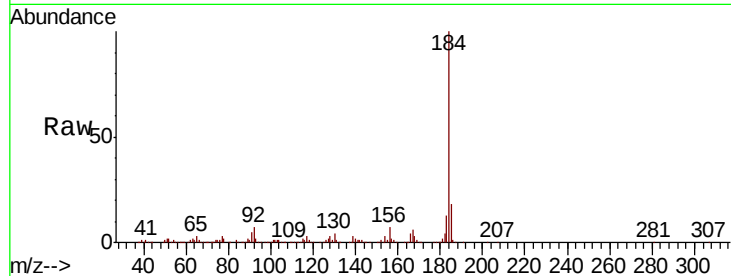
Tot Ion:184 Resp: 536996

Ion Ratio Lower Upper

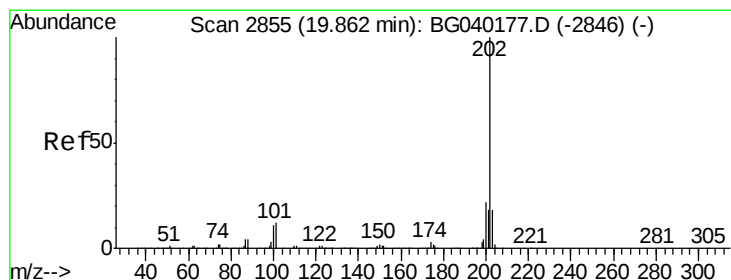
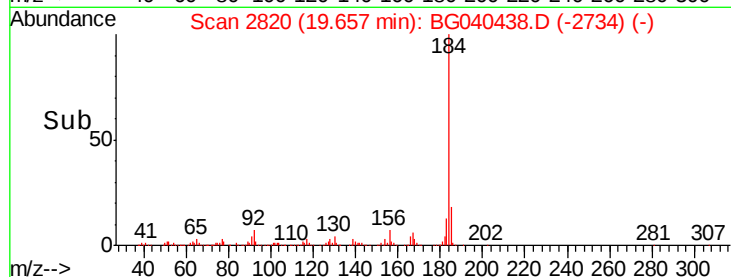
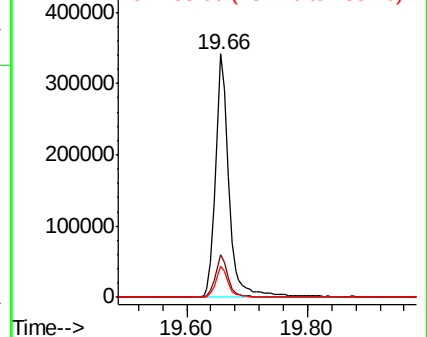
184 100

185 17.5 13.3 19.9

183 12.6 10.3 15.5



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: 37.237 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

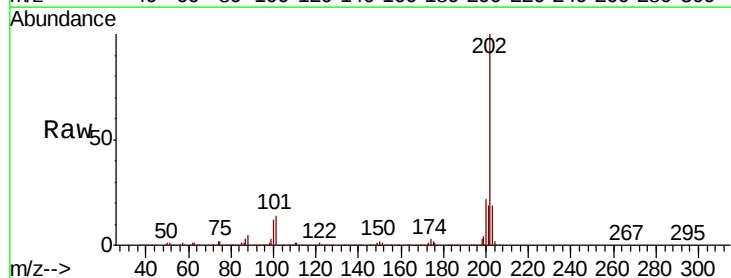
Tgt Ion:202 Resp: 1130860

Ion Ratio Lower Upper

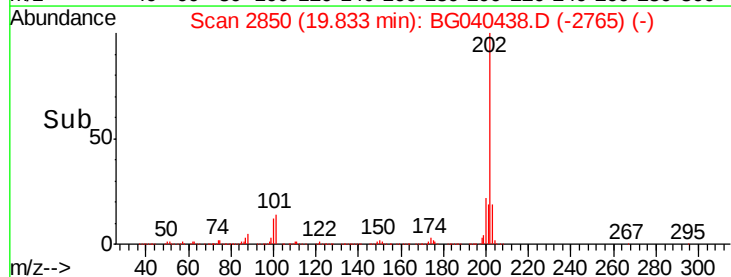
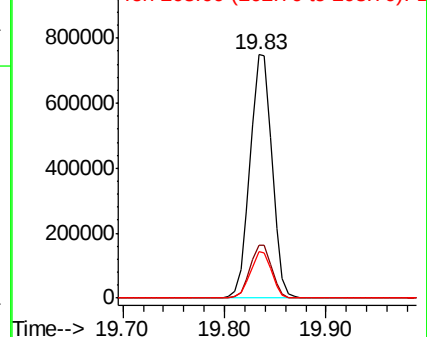
202 100

200 21.9 17.3 25.9

203 18.9 14.6 22.0



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: 71.093 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

Instrument :

BNA_G

ClientSampled :

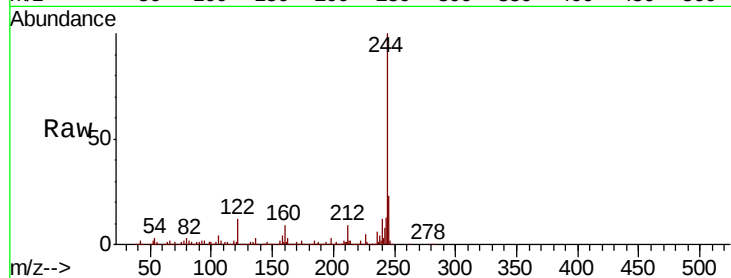
Tot Ion:244 Resp: 1459390

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

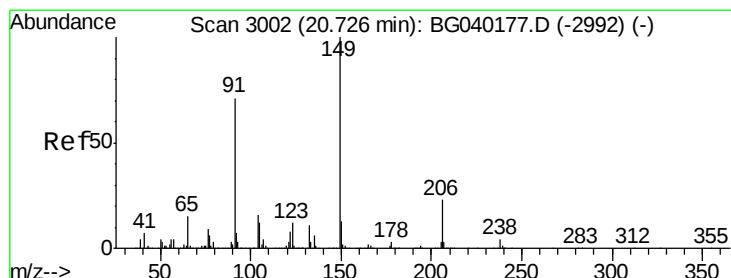
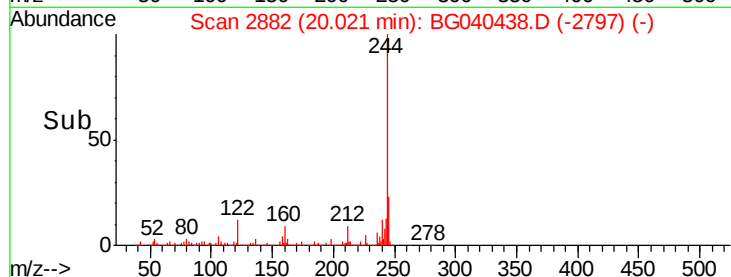
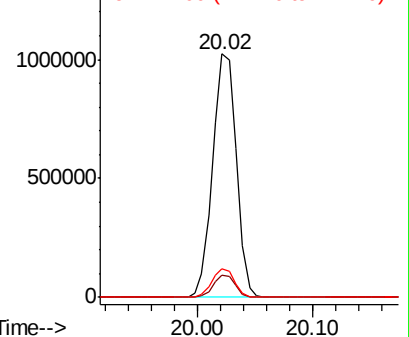
122 11.7 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.158 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

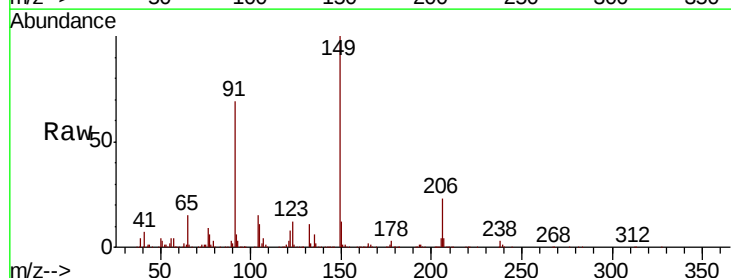
Tgt Ion:149 Resp: 495872

Ion Ratio Lower Upper

149 100

91 68.9 57.0 85.4

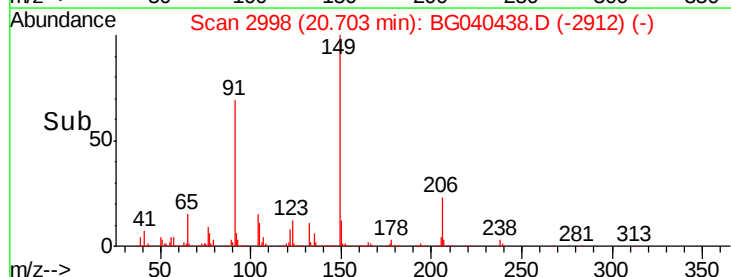
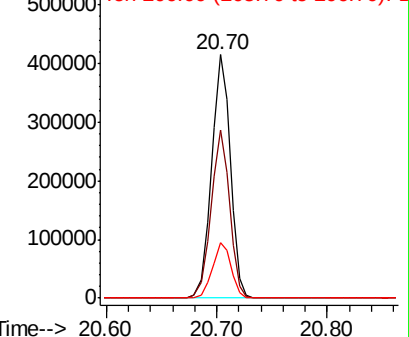
206 22.8 18.2 27.4

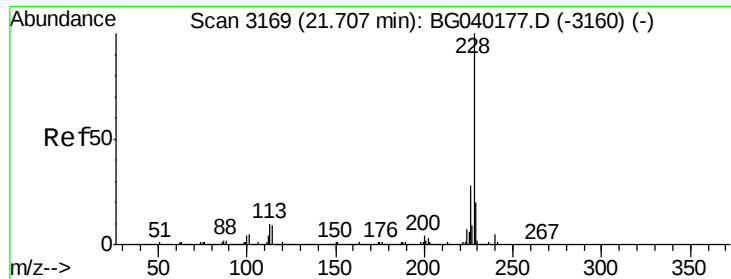


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.905 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

Instrument :

BNA_G

ClientSampleId :

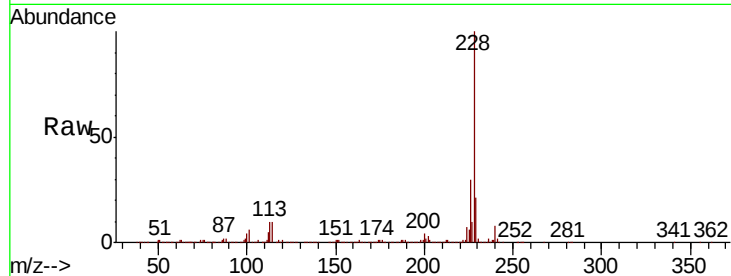
Tot Ion:228 Resp: 1049759

Ion Ratio Lower Upper

228 100

226 29.8 22.6 34.0

229 21.3 16.1 24.1

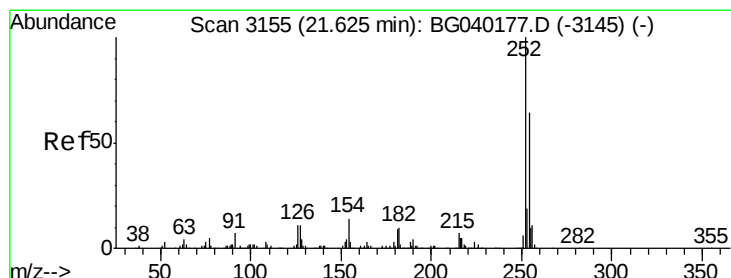
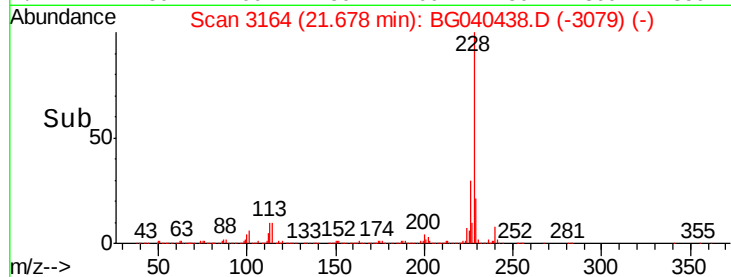
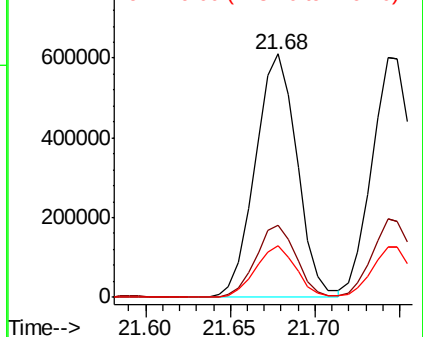


Abundance

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: 36.613 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

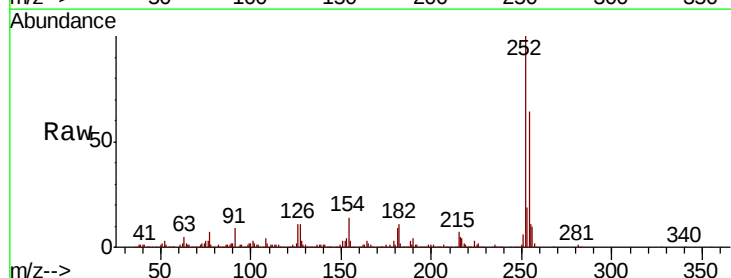
Tgt Ion:252 Resp: 396178

Ion Ratio Lower Upper

252 100

254 64.2 51.4 77.2

126 10.6 8.5 12.7

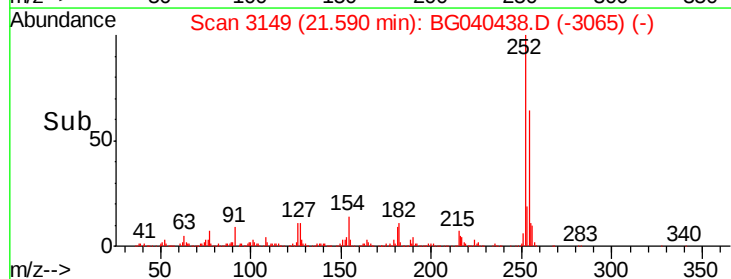
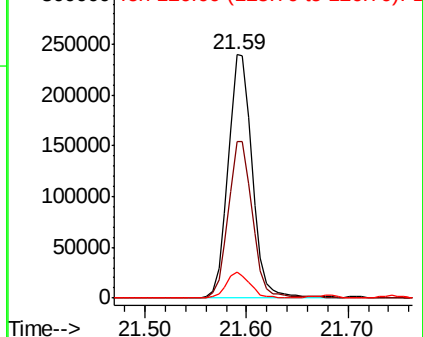


Abundance

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: 36.809 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

Instrument :

BNA_G

ClientSampleId :

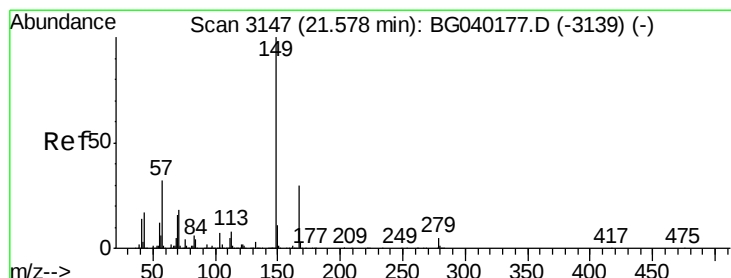
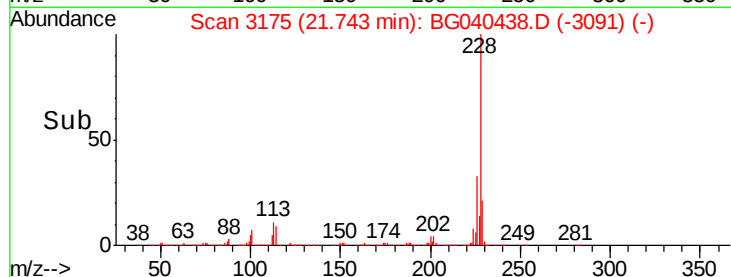
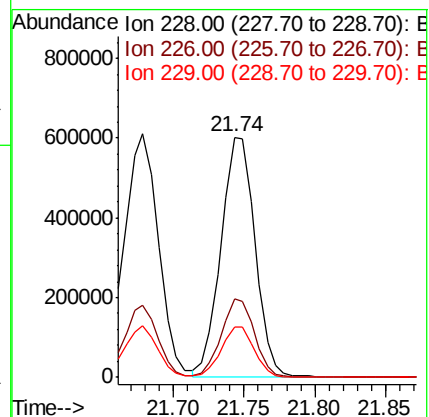
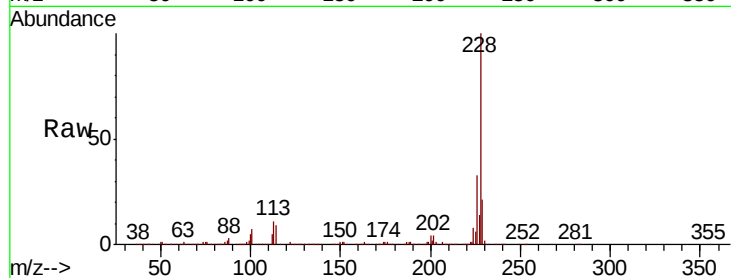
Tot Ion:228 Resp: 1006250

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.4	38.0
229	21.0	17.0	25.4

228 100

226 32.6 25.4 38.0

229 21.0 17.0 25.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.879 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

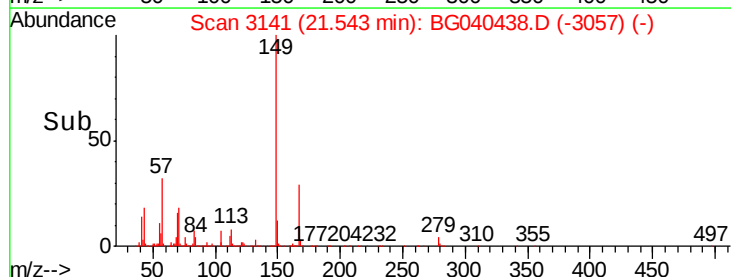
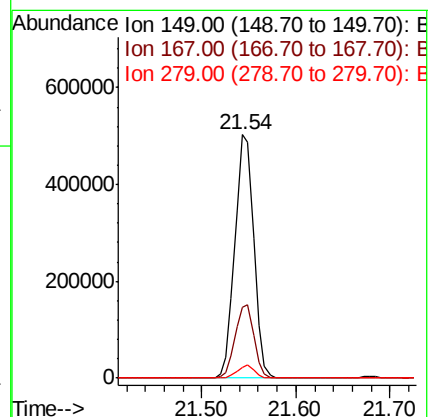
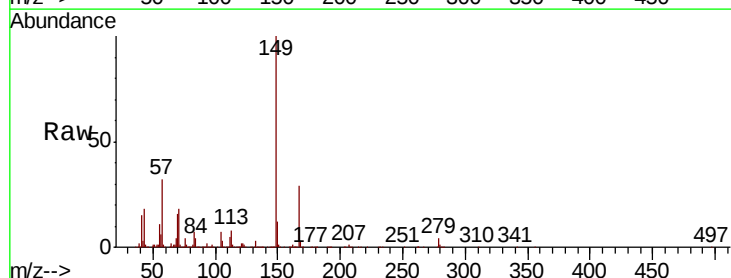
Tgt Ion:149 Resp: 703656

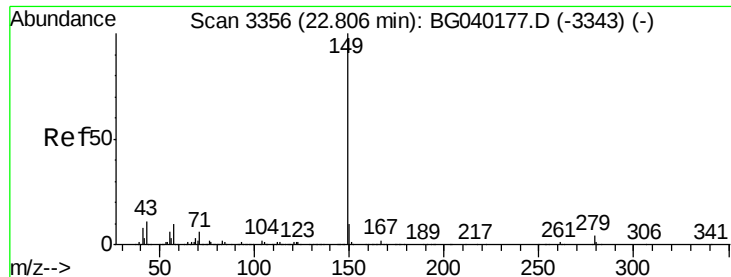
Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.1	36.1
279	4.4	4.1	6.1

149 100

167 29.2 24.1 36.1

279 4.4 4.1 6.1

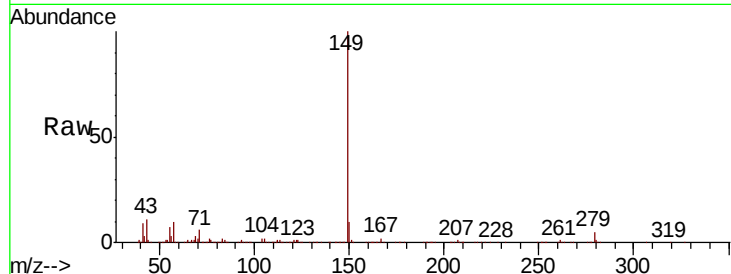




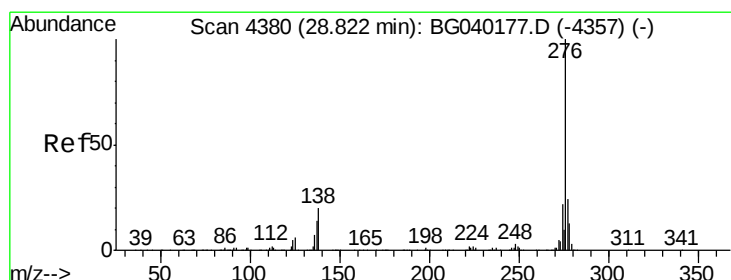
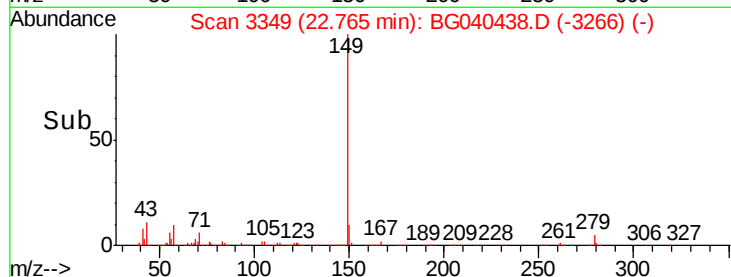
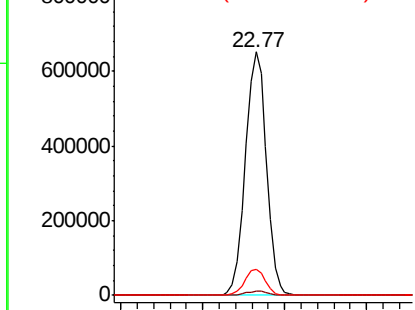
#85
Di-n-octyl phthalate
Concen: 36.798 ng
RT: 22.77 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1164658
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.7 8.7 13.1

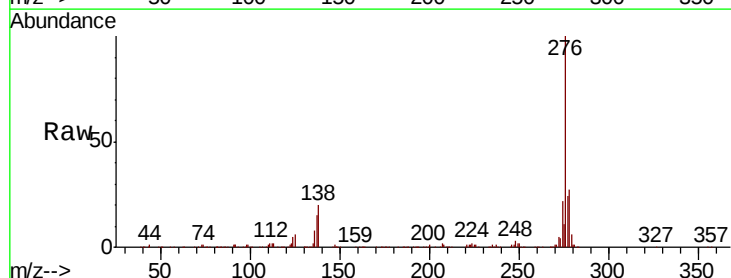


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

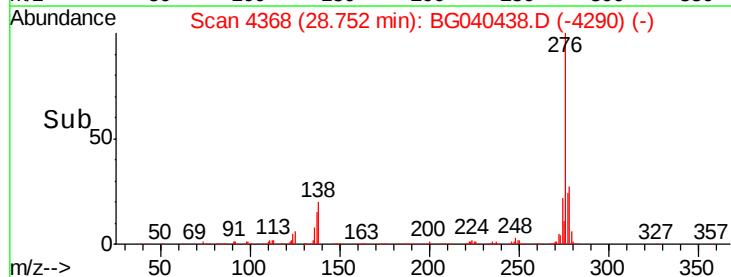
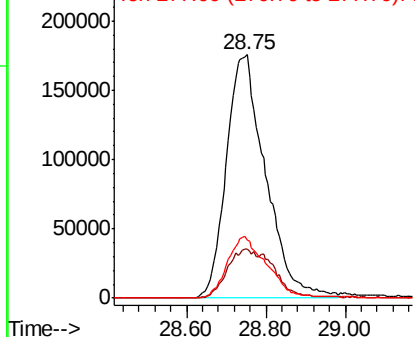


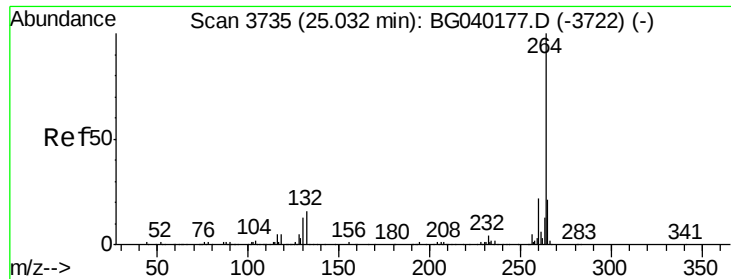
#86
Indeno(1,2,3-cd)pyrene
Concen: 36.043 ng
RT: 28.75 min Scan# 4368
Delta R.T. -0.07 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Tgt Ion:276 Resp: 1205123
Ion Ratio Lower Upper
276 100
138 15.1 18.8 28.2#
277 25.4 21.0 31.4



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

Instrument :

BNA_G

ClientSampleId :

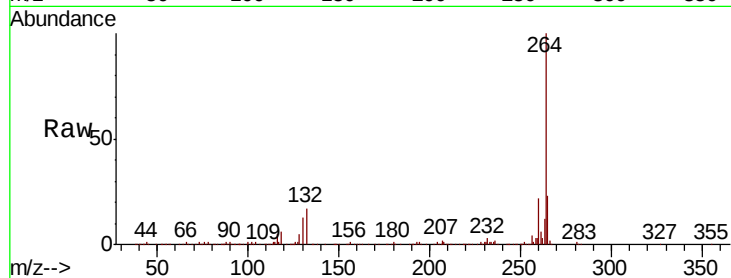
Tot Ion:264 Resp: 462795

Ion Ratio Lower Upper

264 100

260 22.3 17.9 26.9

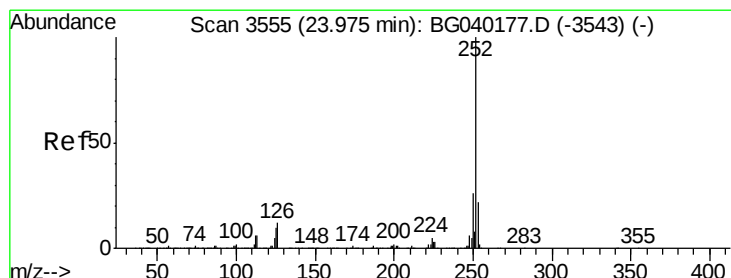
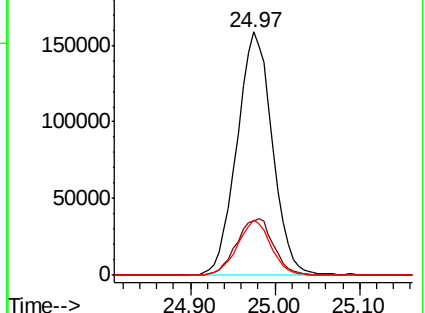
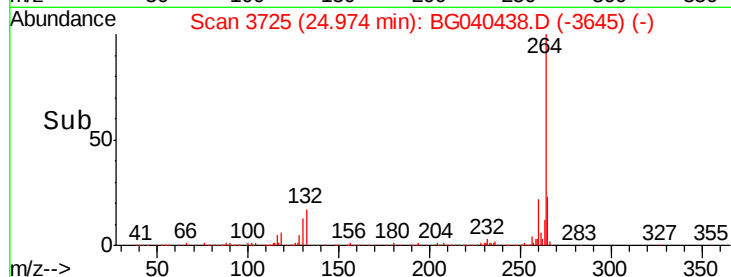
265 22.9 16.8 25.2



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: 36.995 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.05 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

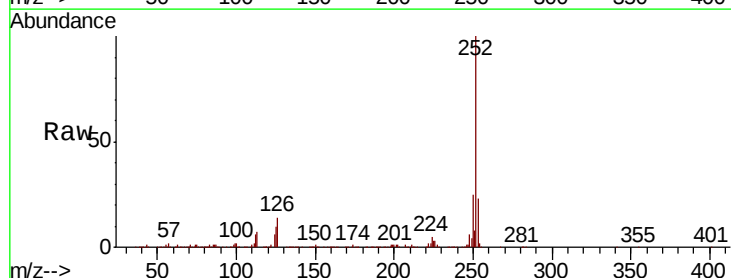
Tgt Ion:252 Resp: 1048218

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

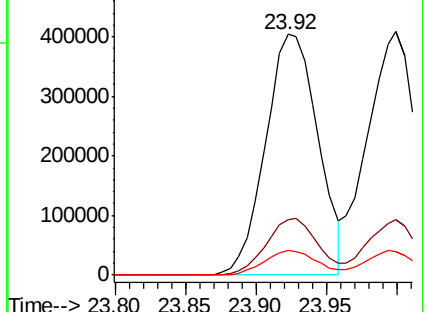
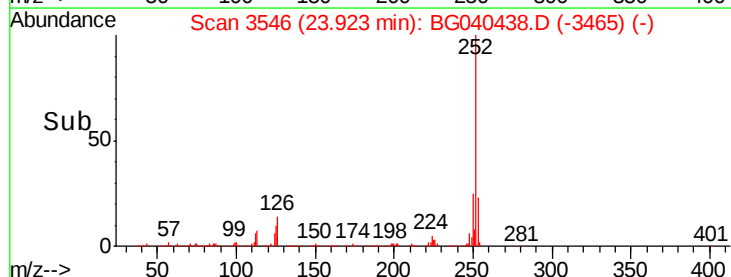
125 10.4 8.2 12.4

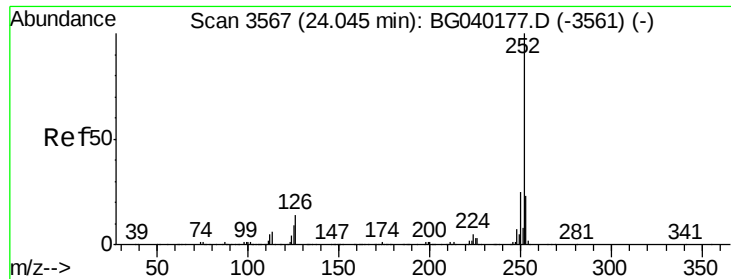


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

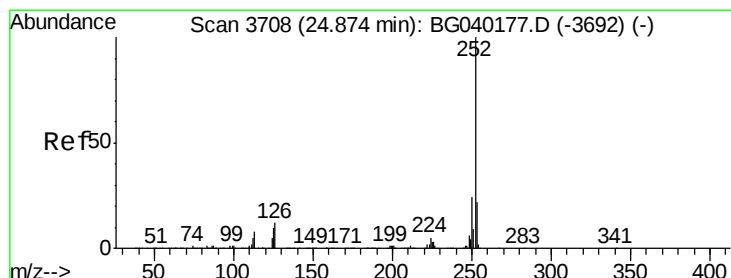
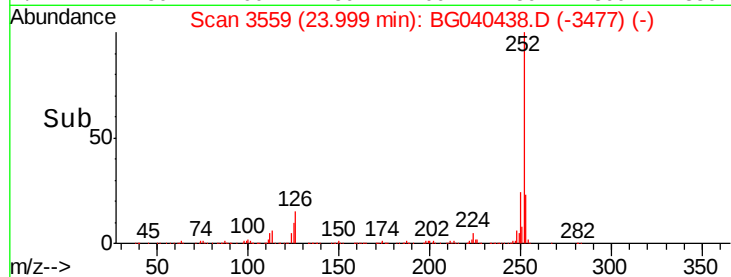
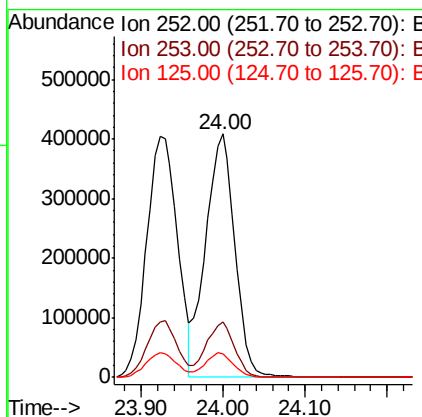
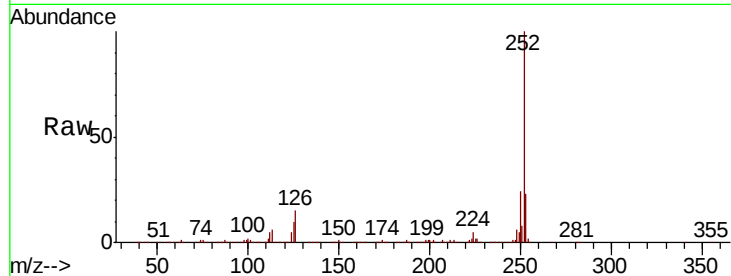




#89
Benzo(k)fluoranthene
Concen: 38.782 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.05 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

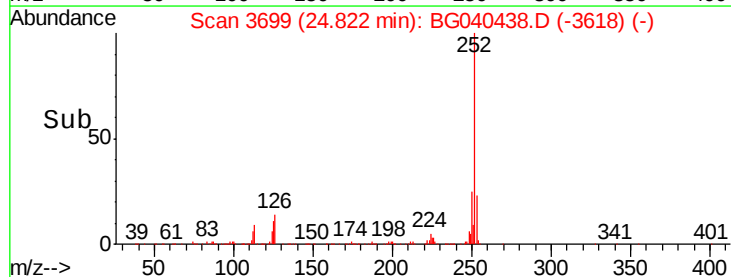
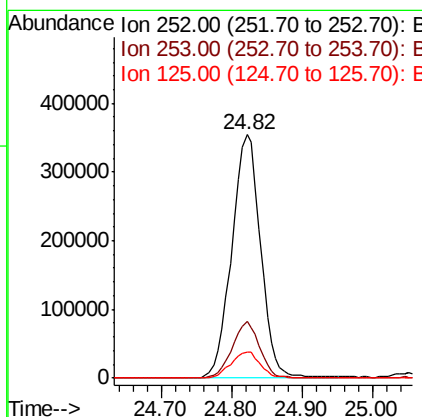
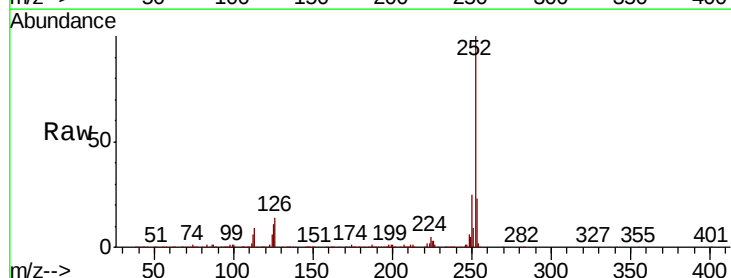
Instrument :
BNA_G
ClientSampled :

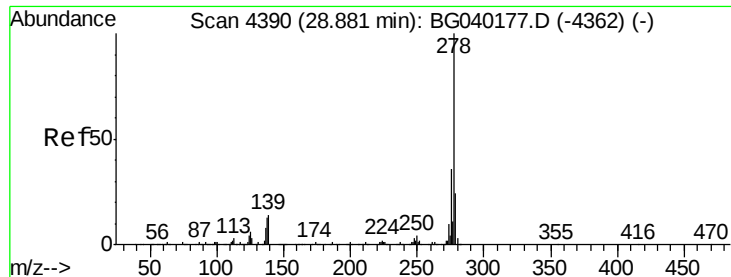
Tot Ion:252 Resp: 1010509
Ion Ratio Lower Upper
252 100
253 22.9 18.6 28.0
125 9.7 7.3 10.9



#90
Benzo(a)pyrene
Concen: 37.889 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.05 min
Lab File: BG040438.D
Acq: 11 Apr 2019 12:48

Tgt Ion:252 Resp: 1007276
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 10.7 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 38.584 ng

RT: 28.81 min Scan# 4377

Delta R.T. -0.08 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

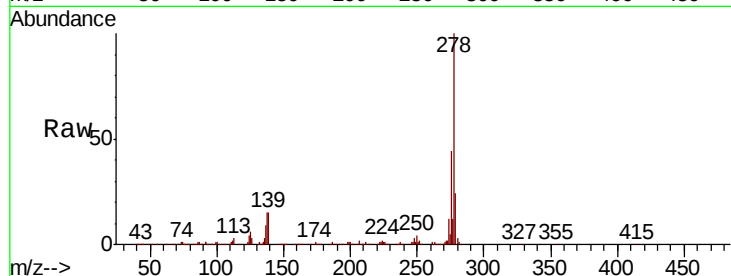
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 952665

Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.2	16.8
279	24.4	18.9	28.3

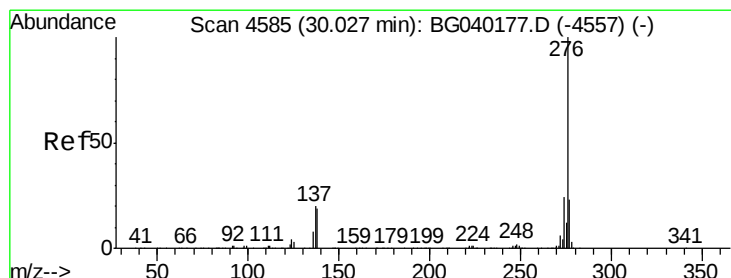
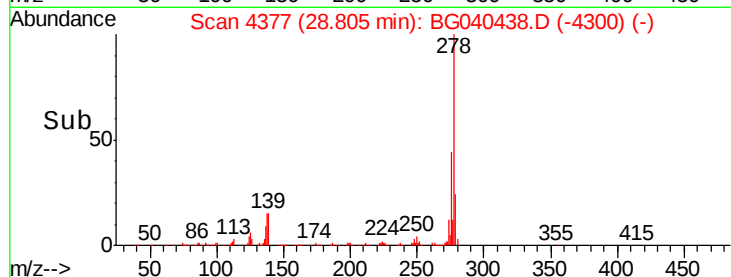
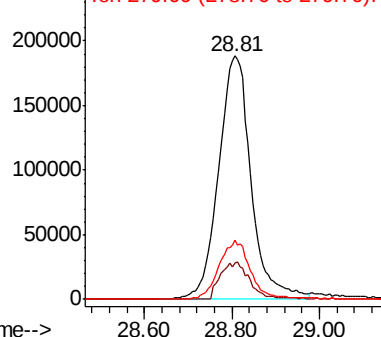


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.780 ng

RT: 29.93 min Scan# 4569

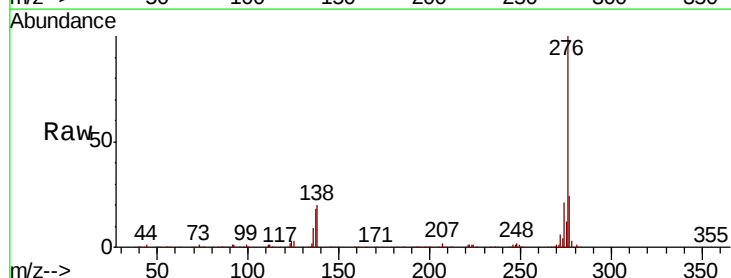
Delta R.T. -0.09 min

Lab File: BG040438.D

Acq: 11 Apr 2019 12:48

Tgt Ion:276 Resp: 984026

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	19.6	15.2	22.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

