

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042419\
 Data File : BG040585.D
 Acq On : 24 Apr 2019 9:41
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 24 13:31:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40487	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	187613	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	137375	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	341617	20.00	ng	0.00
76) Chrysene-d12	21.82	240	329913	20.00	ng	0.00
87) Perylene-d12	25.20	264	363550	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	194951	84.88	ng	0.00
7) Phenol-d6	7.29	99	296231	83.77	ng	0.00
23) Nitrobenzene-d5	9.33	82	337728	83.18	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	149354	79.10	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	744630	78.28	ng	0.00
79) Terphenyl-d14	20.13	244	1359428	91.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	44228	42.342	ng	96
3) Pyridine	3.97	79	131510	43.437	ng	99
4) n-Nitrosodimethylamine	3.88	42	73649	43.856	ng	93
6) Aniline	7.48	93	199415	42.543	ng	97
8) 2-Chlorophenol	7.71	128	115964	41.350	ng	94
9) Benzaldehyde	7.29	77	94239	46.403	ng	95
10) Phenol	7.32	94	159932	42.071	ng	92
11) bis(2-Chloroethyl)ether	7.58	93	119253	41.834	ng	96
12) 1,3-Dichlorobenzene	8.05	146	123515	40.351	ng	94
13) 1,4-Dichlorobenzene	8.19	146	126759	40.849	ng	99
14) 1,2-Dichlorobenzene	8.52	146	121581	40.628	ng	97
15) Benzyl Alcohol	8.39	79	157344	42.761	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	238723	42.062	ng	96
17) 2-Methylphenol	8.59	107	110405	41.039	ng	91
18) Hexachloroethane	9.25	117	52441	41.198	ng	94
19) n-Nitroso-di-n-propylamine	8.97	70	133210	41.845	ng	99
20) 3+4-Methylphenols	8.92	107	155929	41.606	ng	98
22) Acetophenone	8.99	105	212677	40.766	ng	# 97
24) Nitrobenzene	9.38	77	180272	41.612	ng	98
25) Isophorone	9.90	82	370314	40.944	ng	98
26) 2-Nitrophenol	10.09	139	64522	41.550	ng	98
27) 2,4-Dimethylphenol	10.13	122	118799	40.773	ng	97
28) bis(2-Chloroethoxy)methane	10.38	93	185007	40.771	ng	96
29) 2,4-Dichlorophenol	10.61	162	131380	39.663	ng	90
30) 1,2,4-Trichlorobenzene	10.84	180	145415	39.587	ng	98
31) Naphthalene	11.04	128	399544	40.085	ng	99
32) Benzoic acid	10.25	122	87196	43.716	ng	89
33) 4-Chloroaniline	11.14	127	179870	40.701	ng	97
34) Hexachlorobutadiene	11.30	225	110142	40.615	ng	96
35) Caprolactam	11.93	113	53132	40.628	ng	93
36) 4-Chloro-3-methylphenol	12.24	107	173634	41.552	ng	96
37) 2-Methylnaphthalene	12.63	142	302714	40.620	ng	98
38) 1-Methylnaphthalene	12.85	142	294876	40.481	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	194979	38.100	ng	100

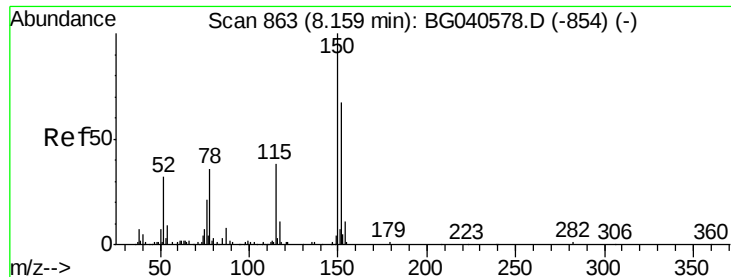
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042419\
 Data File : BG040585.D
 Acq On : 24 Apr 2019 9:41
 Operator : JU/SJ
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 Misc :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	109347	36.210	nq	97
43) 2,4,6-Trichlorophenol	13.22	196	120592	38.994	nq	96
44) 2,4,5-Trichlorophenol	13.29	196	131891	39.149	nq	97
46) 1,1'-Biphenyl	13.63	154	411073	38.541	nq	99
47) 2-Chloronaphthalene	13.68	162	320151	38.355	nq	98
48) 2-Nitroaniline	13.88	65	127223	42.818	nq	95
49) Acenaphthylene	14.52	152	553126	39.058	nq	99
50) Dimethylphthalate	14.24	163	453126	39.423	nq	99
51) 2,6-Dinitrotoluene	14.36	165	93549	41.702	nq	96
52) Acenaphthene	14.86	154	321916	39.033	nq	97
53) 3-Nitroaniline	14.69	138	97920	42.602	nq	97
54) 2,4-Dinitrophenol	14.89	184	45043	39.495	nq	# 86
55) Dibenzofuran	15.19	168	532333	39.407	nq	98
56) 4-Nitrophenol	14.97	139	83226	41.759	nq	98
57) 2,4-Dinitrotoluene	15.14	165	130699	42.877	nq	98
58) Fluorene	15.83	166	433457	39.700	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	135635	40.000	nq	98
60) Diethylphthalate	15.59	149	476804	39.317	nq	99
61) 4-Chlorophenyl-phenylether	15.82	204	245950	38.731	nq	97
62) 4-Nitroaniline	15.86	138	104926	40.810	nq	97
63) Azobenzene	16.11	77	506520	40.557	nq	99
65) 4,6-Dinitro-2-methylphenol	15.90	198	66227	40.625	nq	97
66) n-Nitrosodiphenylamine	16.04	169	389862	38.789	nq	99
67) 4-Bromophenyl-phenylether	16.72	248	163652	38.451	nq	99
68) Hexachlorobenzene	16.82	284	169704	38.562	nq	97
69) Atrazine	16.98	200	156599	39.326	nq	98
70) Pentachlorophenol	17.17	266	107007	41.553	nq	97
71) Phenanthrene	17.58	178	730848	39.719	nq	98
72) Anthracene	17.66	178	733254	39.645	nq	99
73) Carbazole	17.94	167	668224	39.655	nq	99
74) Di-n-butylphthalate	18.48	149	812398	39.943	nq	99
75) Fluoranthene	19.58	202	918109	40.040	nq	99
77) Benzidine	19.76	184	449679	49.781	nq	99
78) Pyrene	19.94	202	934222	45.181	nq	100
80) Butylbenzylphthalate	20.81	149	358888	44.532	nq	98
81) Benzo(a)anthracene	21.80	228	915635	43.914	nq	98
82) 3,3'-Dichlorobenzidine	21.71	252	332826	44.784	nq	98
83) Chrysene	21.87	228	878124	44.283	nq	100
84) Bis(2-ethylhexyl)phthalate	21.69	149	514606	44.235	nq	99
85) Di-n-octyl phthalate	22.96	149	871299	44.472	nq	98
86) Indeno(1,2,3-cd)pyrene	29.09	276	1040766	43.410	nq	# 93
88) Benzo(b)fluoranthene	24.12	252	897451	40.397	nq	99
89) Benzo(k)fluoranthene	24.19	252	825260	39.776	nq	99
90) Benzo(a)pyrene	25.04	252	846979	40.276	nq	99
91) Dibenzo(a,h)anthracene	29.17	278	837189	39.340	nq	99
92) Benzo(g,h,i)perylene	30.32	276	839090	39.618	nq	97

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

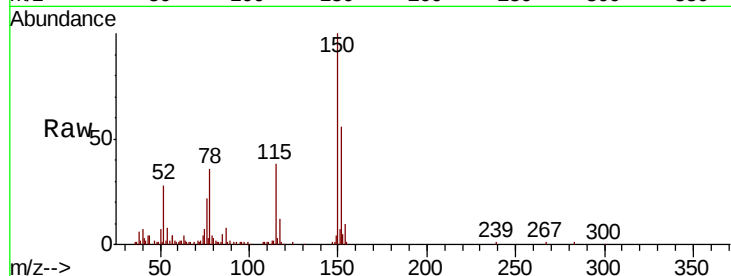


#1

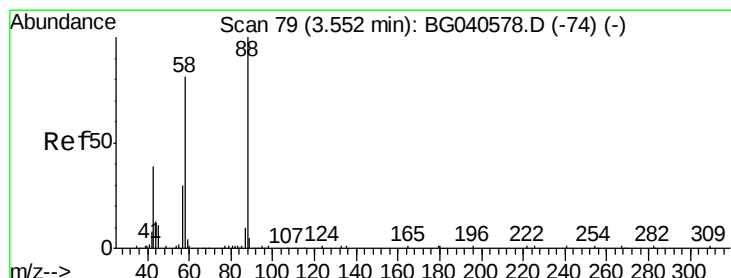
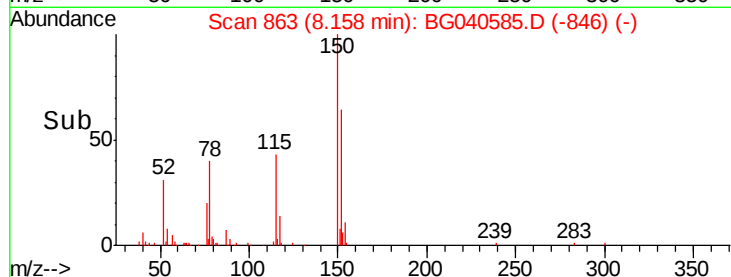
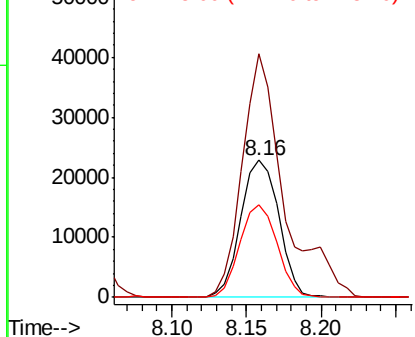
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	177.6	120.2	180.2
115	67.4	46.2	69.2



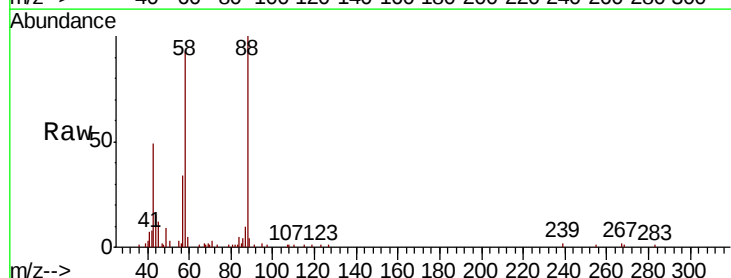
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



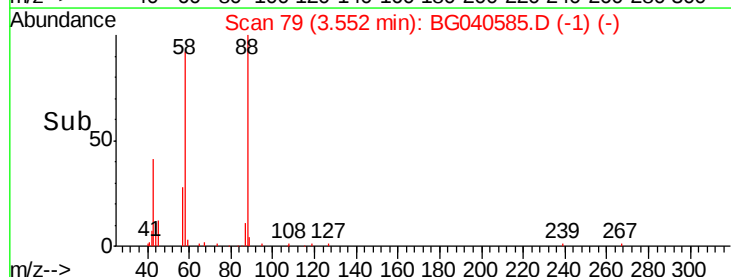
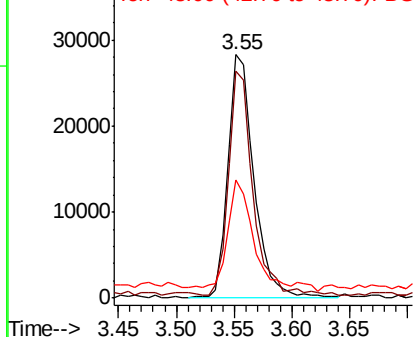
#2

1,4-Dioxane
Concen: 42.342 ng
RT: 3.55 min Scan# 79
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.1	71.2	106.8
43	40.2	35.6	53.4



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: 43.437 ng

RT: 3.97 min Scan# 150

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Instrument :

BNA_G

ClientSampled :

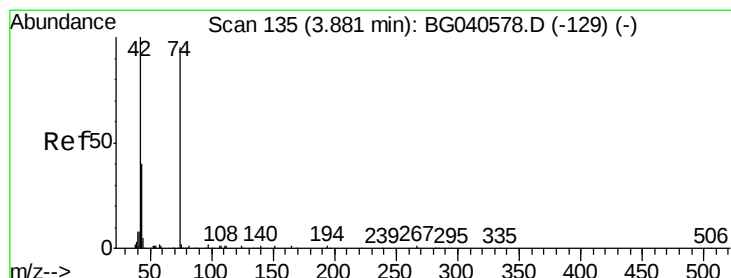
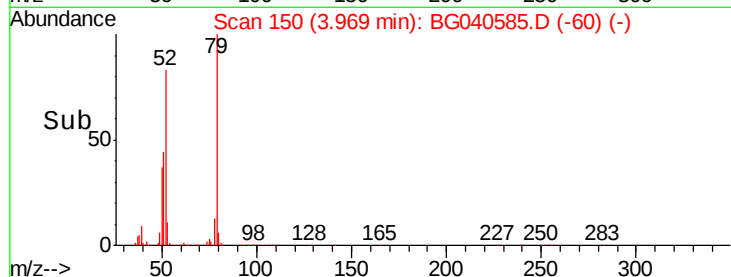
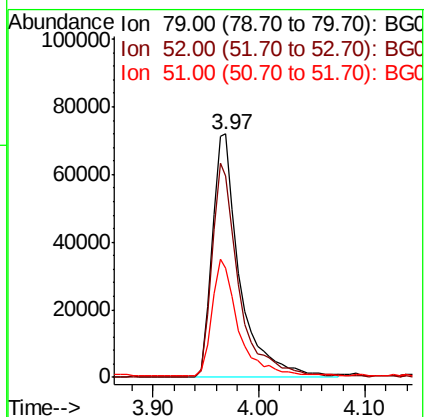
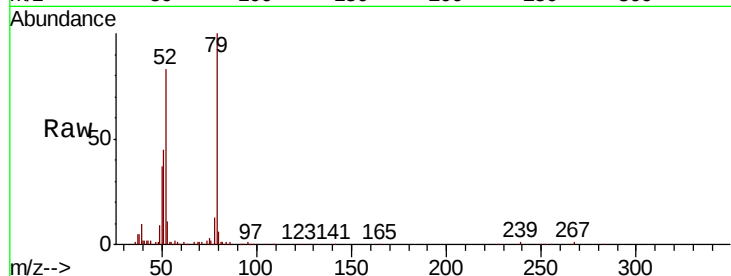
Tot Ion: 79 Resp: 131510

Ion Ratio Lower Upper

79 100

52 82.8 67.5 101.3

51 44.7 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 43.856 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

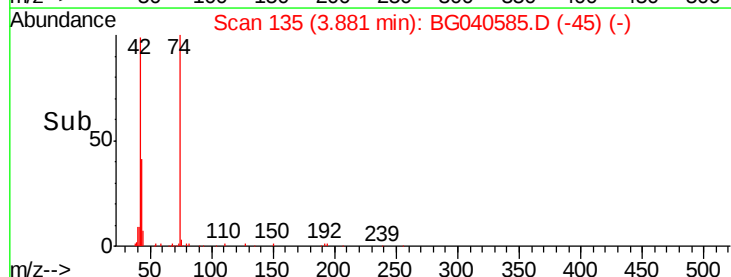
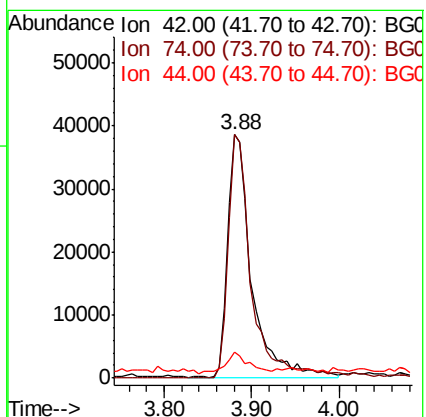
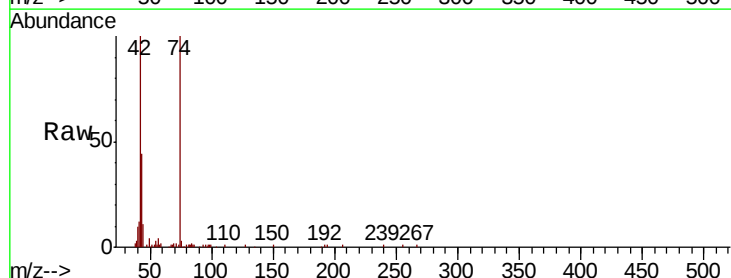
Tgt Ion: 42 Resp: 73649

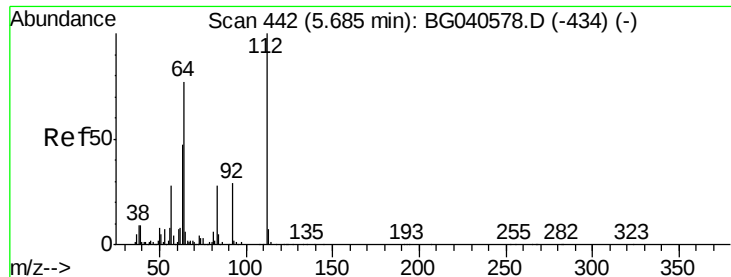
Ion Ratio Lower Upper

42 100

74 100.2 74.6 111.8

44 10.6 7.4 11.0





#5

2-Fluorophenol

Concen: 84.880 ng

RT: 5.68 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Instrument :

BNA_G

ClientSampleId :

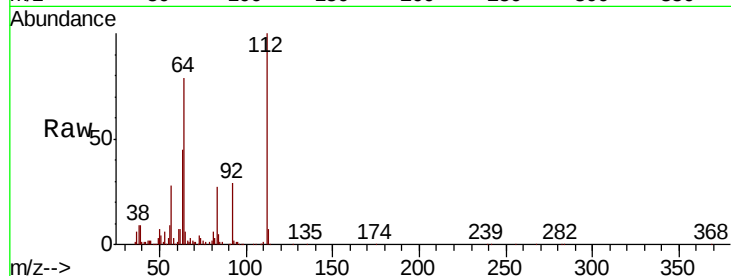
Tot Ion:112 Resp: 194951

Ion Ratio Lower Upper

112 100

64 79.1 61.4 92.0

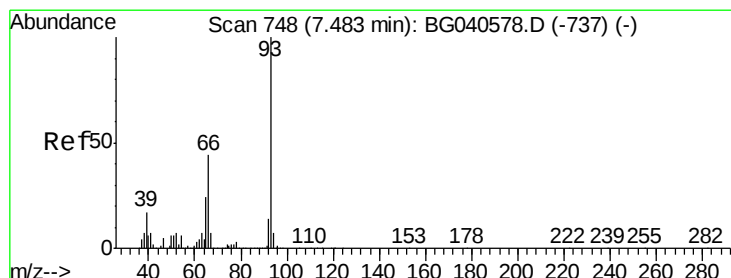
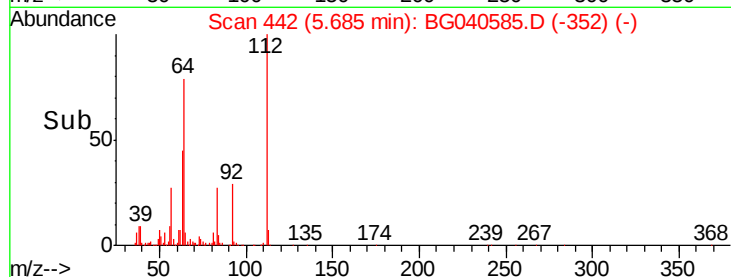
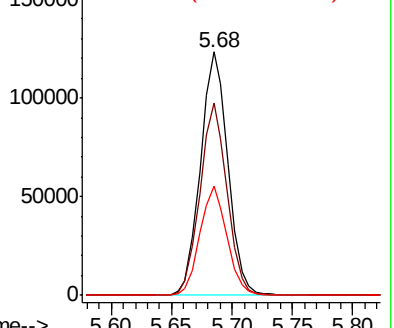
63 44.7 37.8 56.6



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: 42.543 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

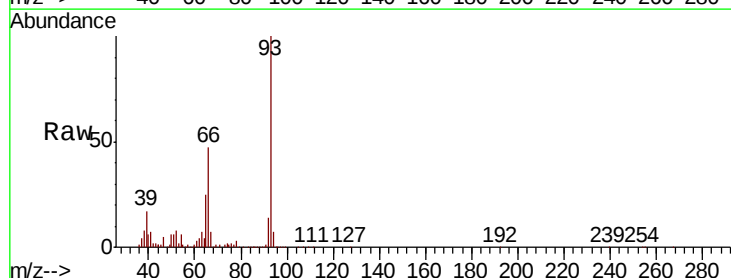
Tgt Ion: 93 Resp: 199415

Ion Ratio Lower Upper

93 100

66 46.9 35.5 53.3

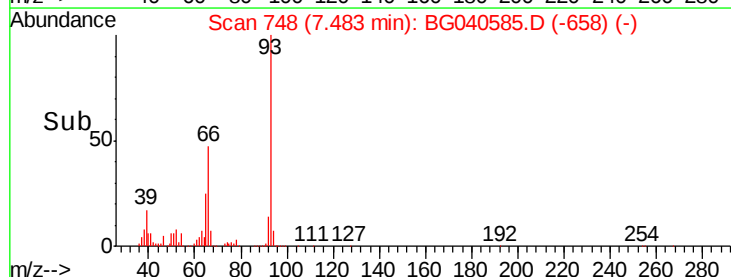
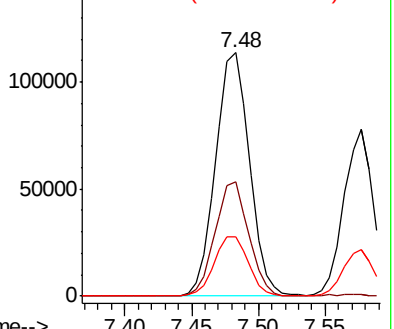
65 24.6 19.2 28.8

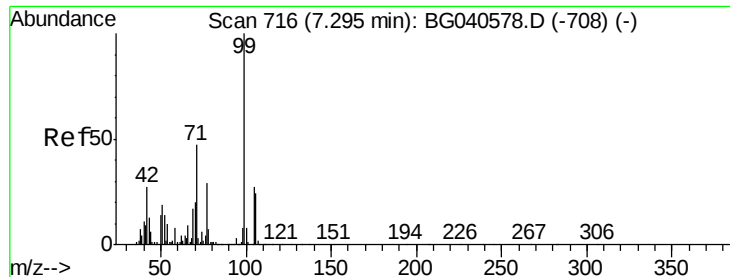


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.766 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Instrument :

BNA_G

ClientSampled :

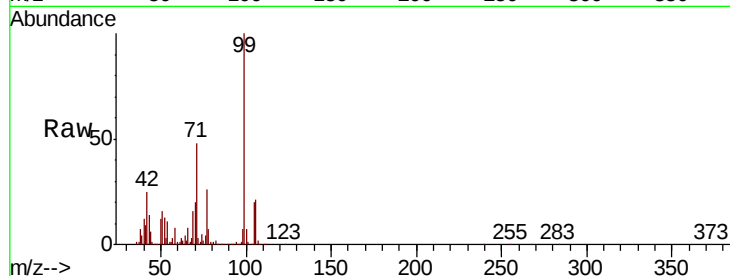
Tot Ion: 99 Resp: 296231

Ion Ratio Lower Upper

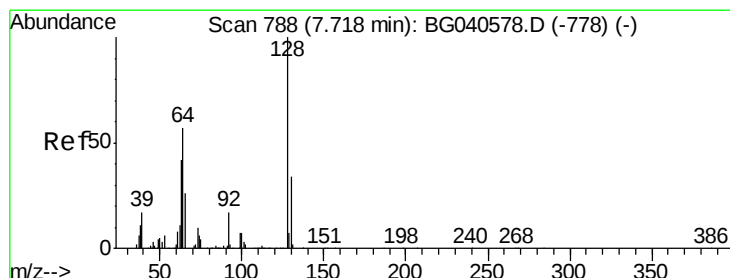
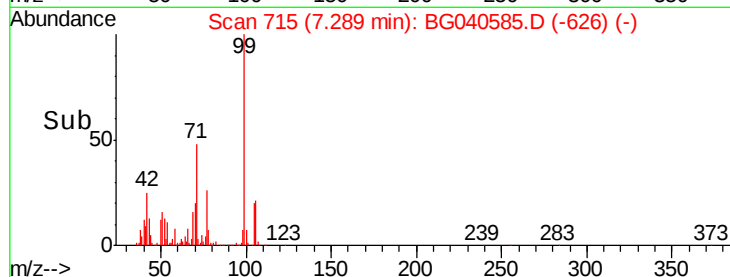
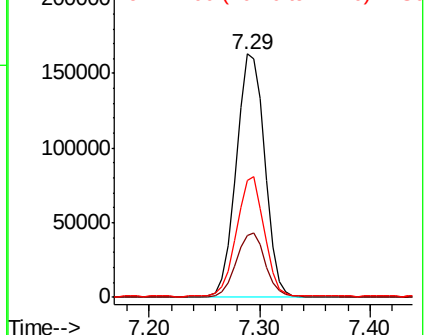
99 100

42 25.2 21.8 32.8

71 48.2 38.6 57.8



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.350 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

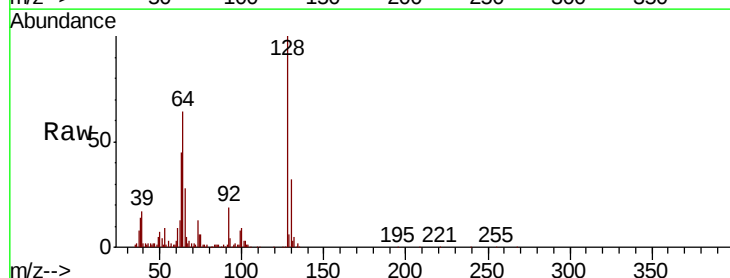
Tgt Ion: 128 Resp: 115964

Ion Ratio Lower Upper

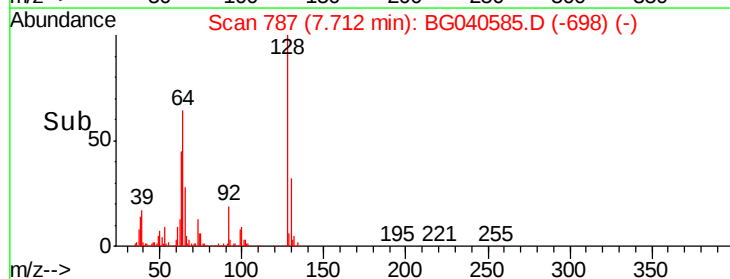
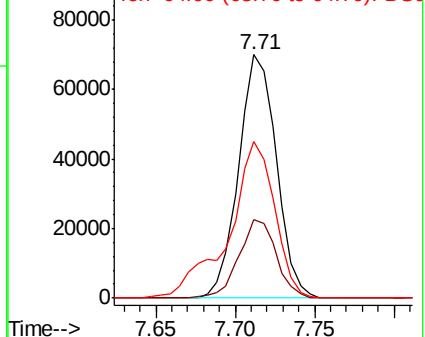
128 100

130 32.2 14.5 54.5

64 64.3 38.4 78.4



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: 46.403 ng

RT: 7.29 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Instrument :

BNA_G

ClientSampleId :

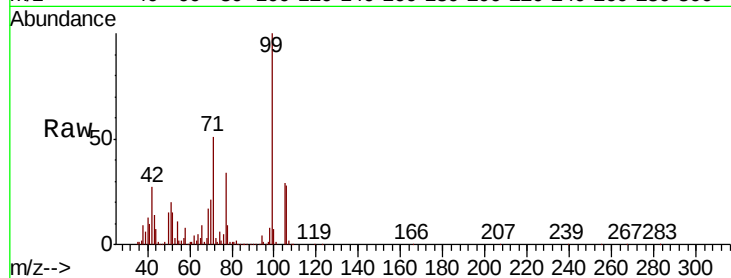
Tot Ion: 77 Resp: 94239

Ion Ratio Lower Upper

77 100

105 86.5 72.0 112.0

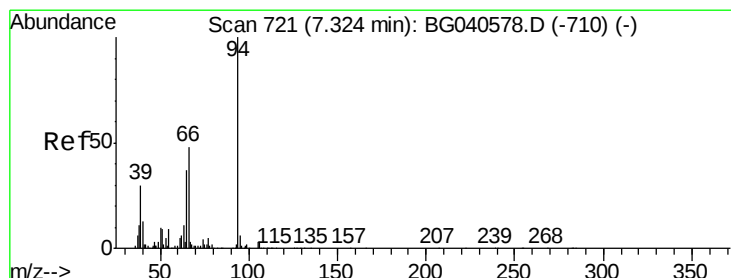
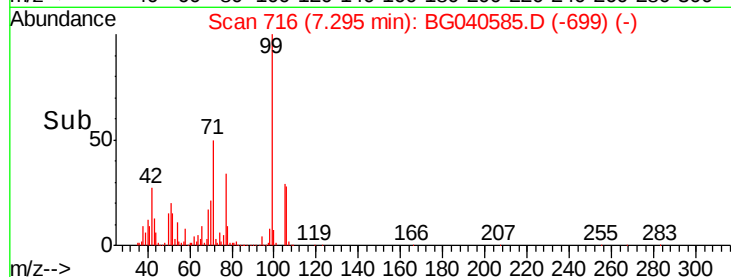
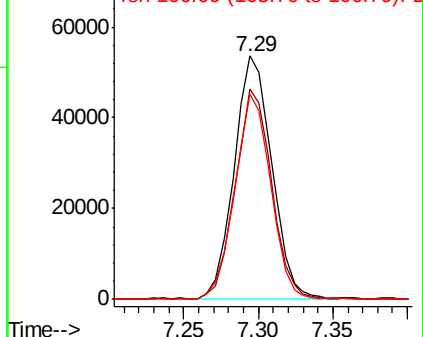
106 84.2 61.2 101.2



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: 42.071 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

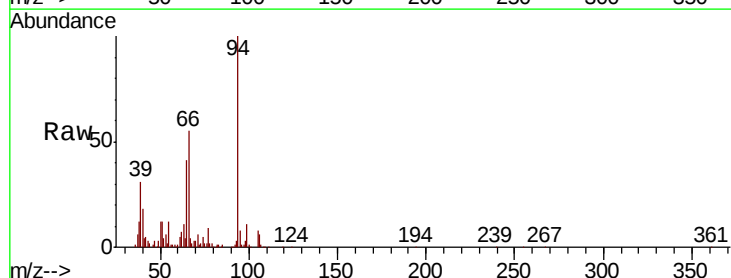
Tgt Ion: 94 Resp: 159932

Ion Ratio Lower Upper

94 100

65 41.3 17.0 57.0

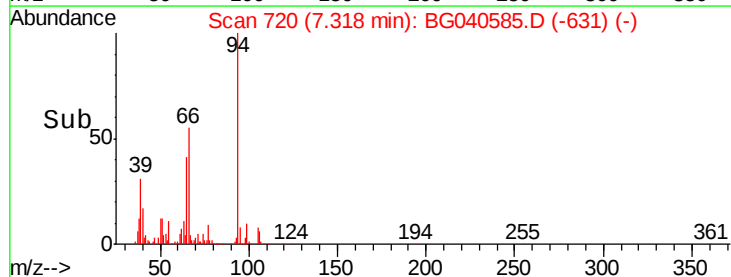
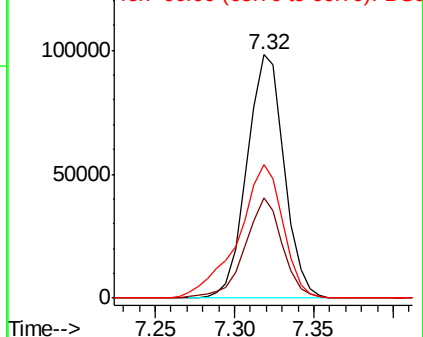
66 55.0 28.6 68.6

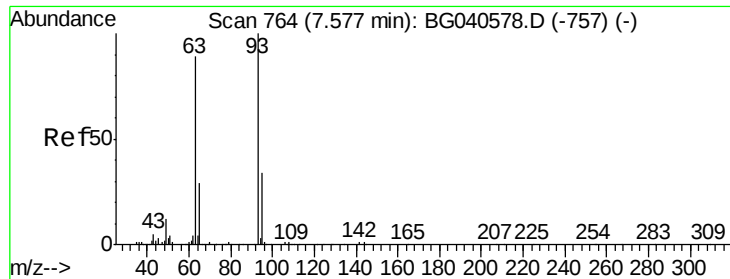


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

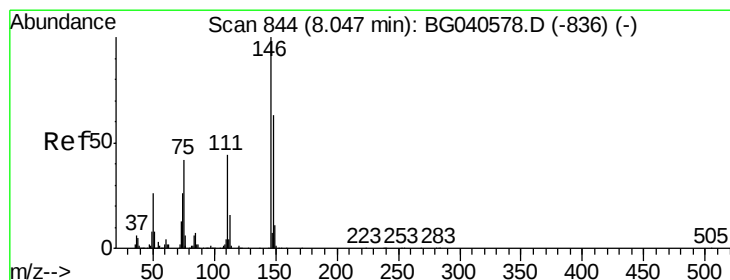
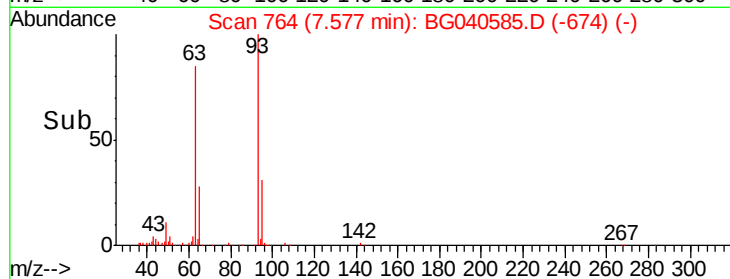
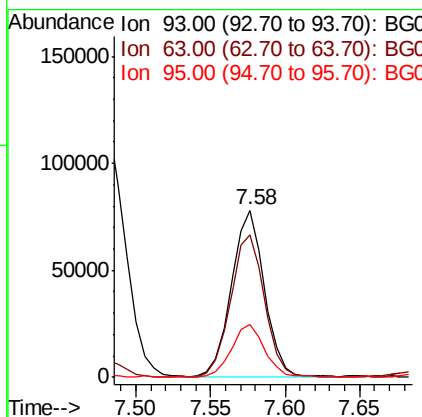
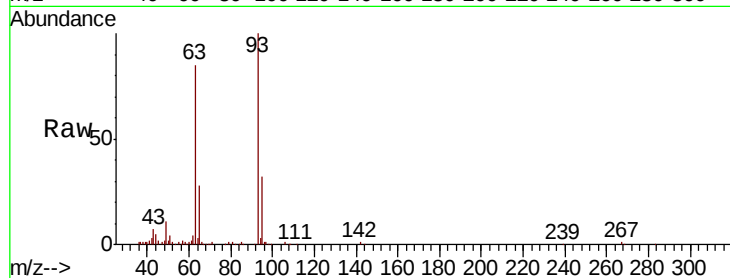




#11
bis(2-Chloroethyl)ether
Concen: 41.834 ng
RT: 7.58 min Scan# 764
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

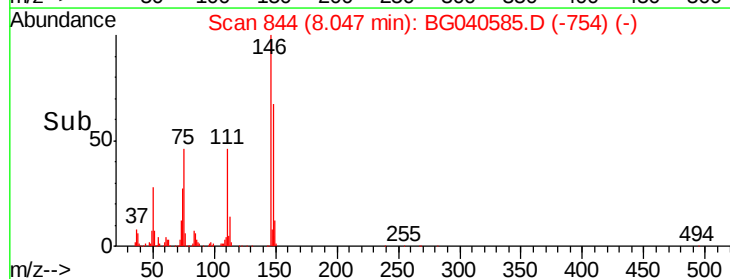
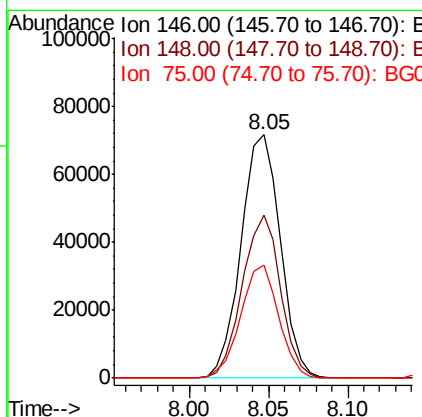
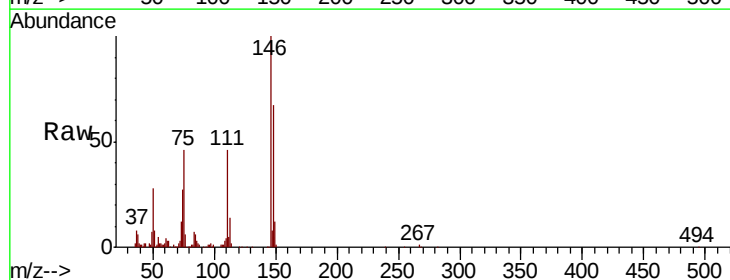
Instrument :
BNA_G
ClientSampleId :

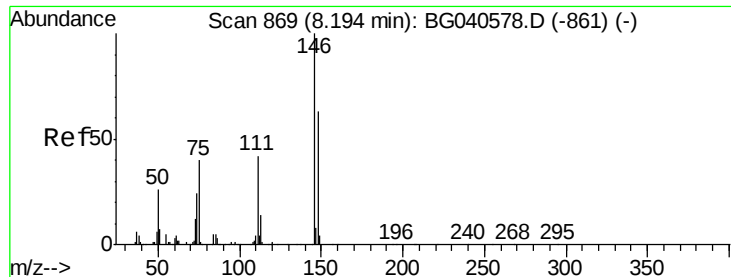
Tot Ion: 93 Resp: 119253
Ion Ratio Lower Upper
93 100
63 85.3 68.2 108.2
95 31.6 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 40.351 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

Tgt Ion: 146 Resp: 123515
Ion Ratio Lower Upper
146 100
148 67.2 50.7 76.1
75 46.4 33.4 50.2

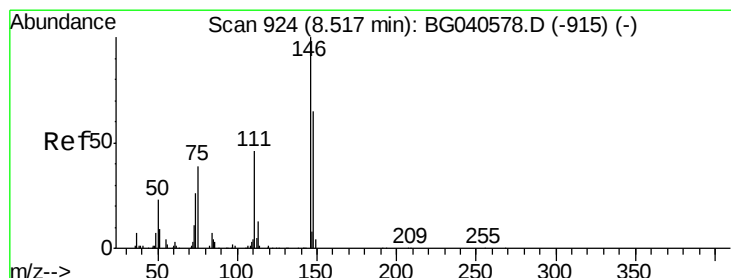
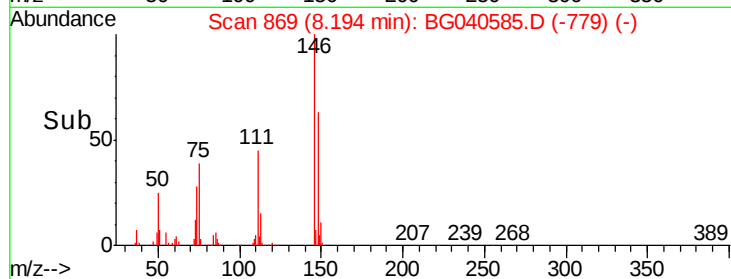
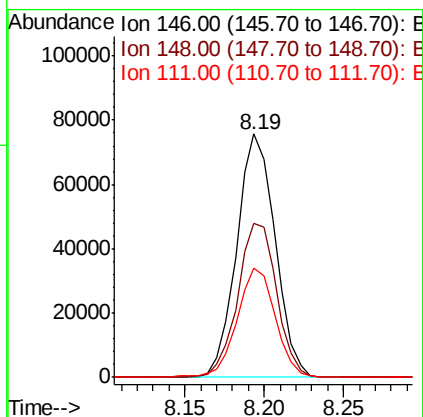
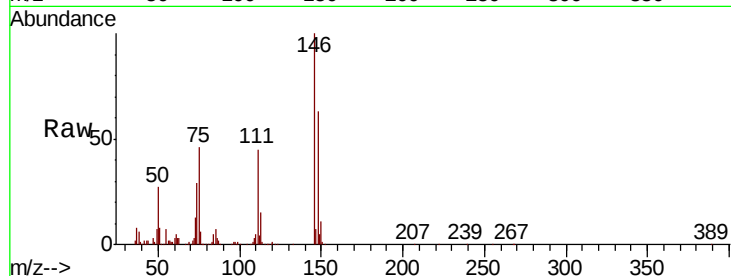




#13
 1,4-Dichlorobenzene
 Concen: 40.849 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG040585.D
 Acq: 24 Apr 2019 9:41

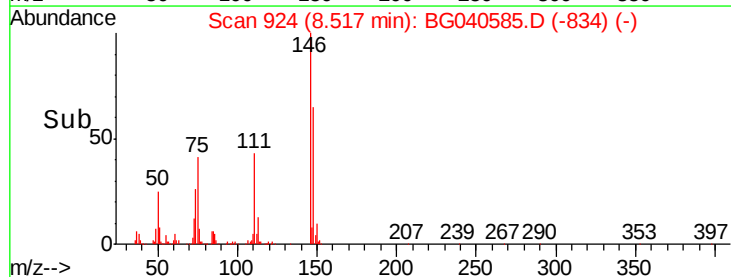
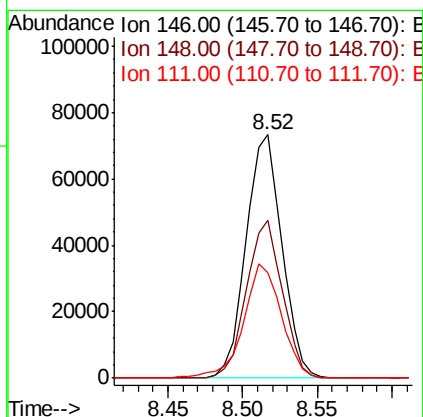
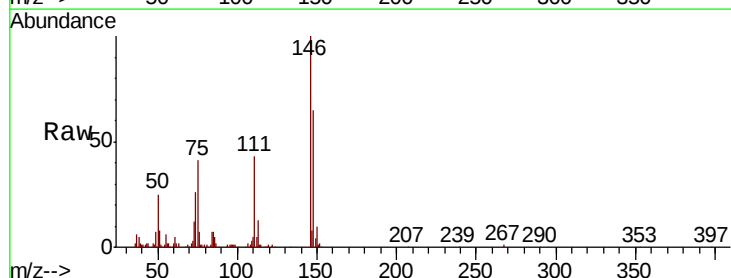
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	45.1	34.3	51.5



#14
 1,2-Dichlorobenzene
 Concen: 40.628 ng
 RT: 8.52 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BG040585.D
 Acq: 24 Apr 2019 9:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.4
111	43.4	37.4	56.0





#15

Benzyl Alcohol

Concen: 42.761 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Instrument :

BNA_G

ClientSampleId :

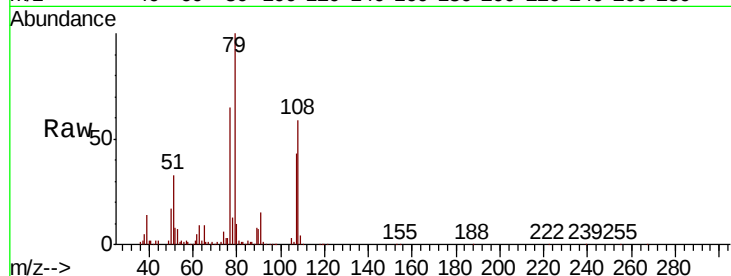
Tot Ion: 79 Resp: 157344

Ion Ratio Lower Upper

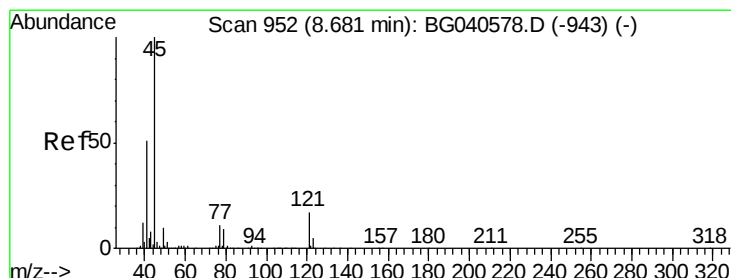
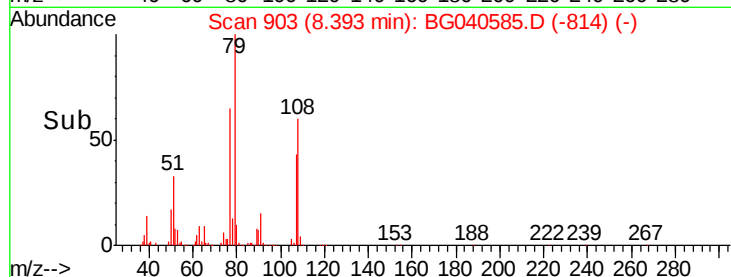
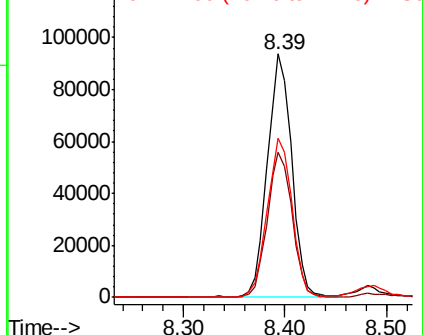
79 100

108 59.5 51.4 77.0

77 65.2 52.6 79.0



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: 42.062 ng

RT: 8.68 min Scan# 952

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

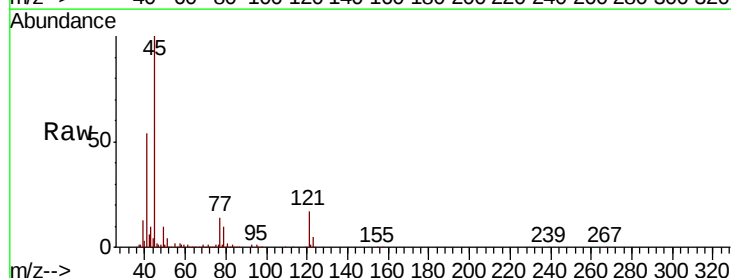
Tgt Ion: 45 Resp: 238723

Ion Ratio Lower Upper

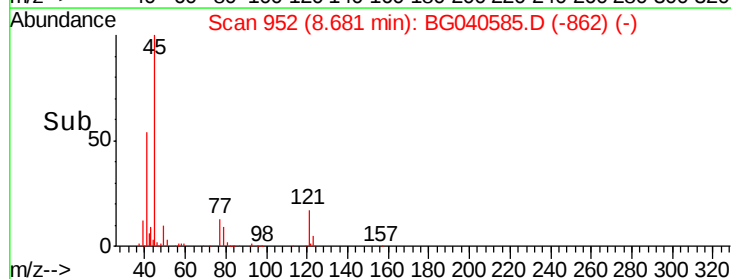
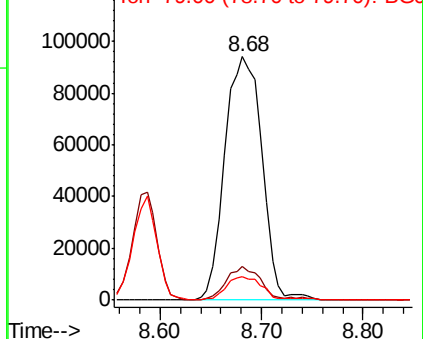
45 100

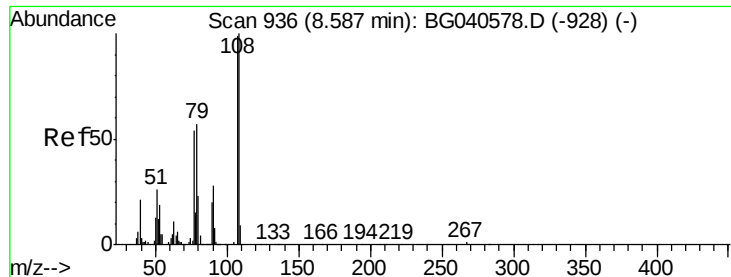
77 14.0 0.0 31.5

79 9.5 0.0 29.4



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: 41.039 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 110405

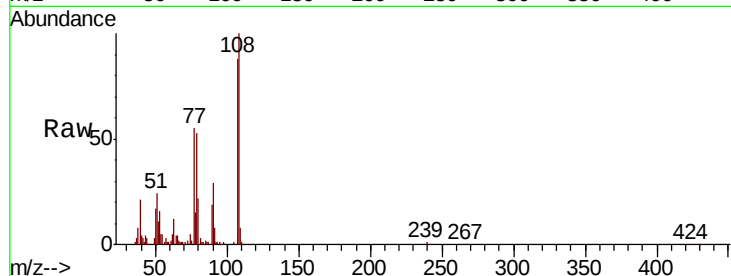
Ion Ratio Lower Upper

107 100

108 114.2 81.2 121.8

77 63.0 44.4 66.6

79 60.9 47.0 70.4



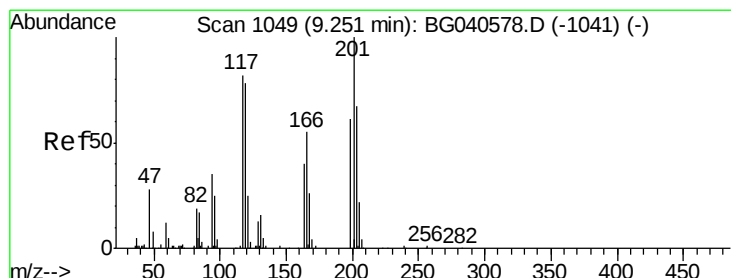
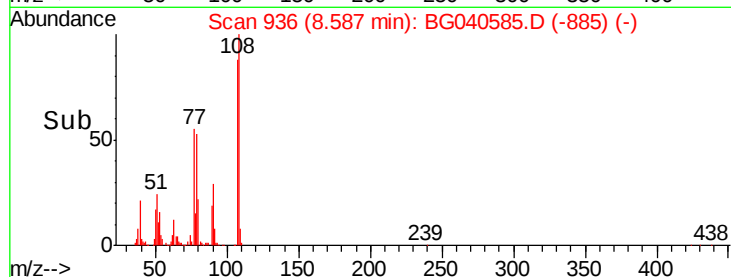
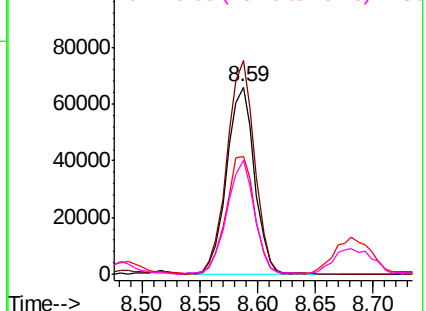
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.198 ng

RT: 9.25 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

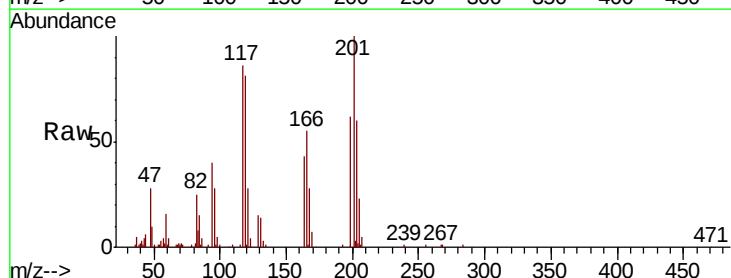
Tgt Ion:117 Resp: 52441

Ion Ratio Lower Upper

117 100

119 93.7 76.6 114.8

201 116.2 101.0 151.6

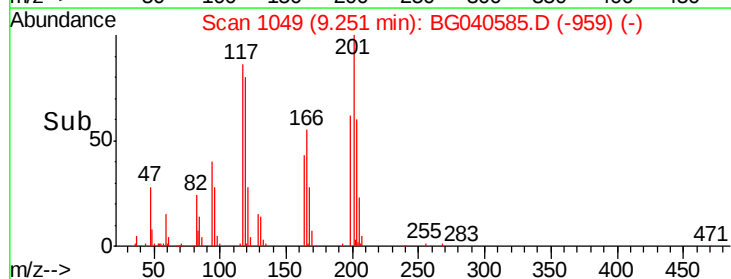
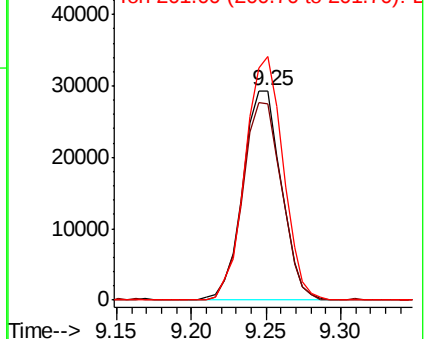


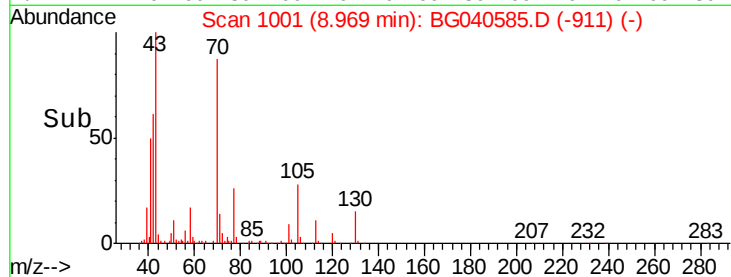
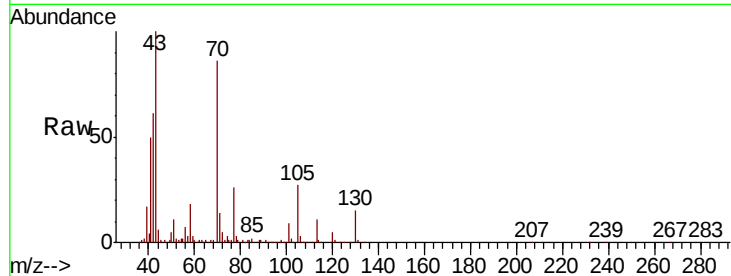
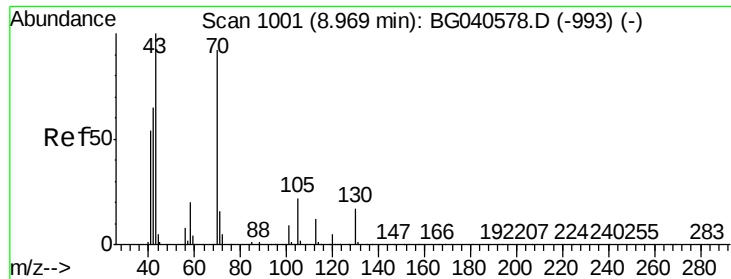
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

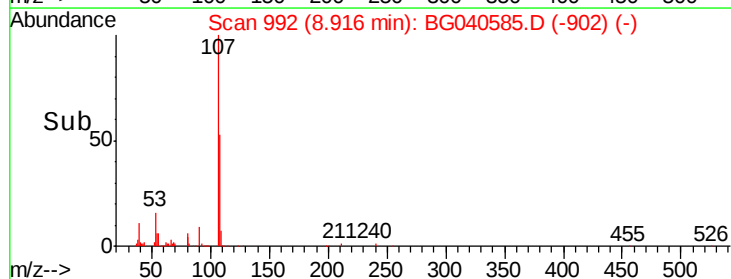
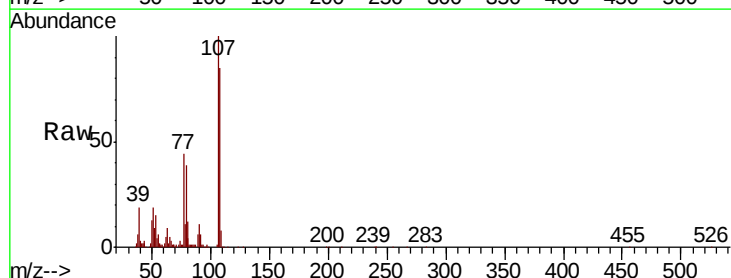
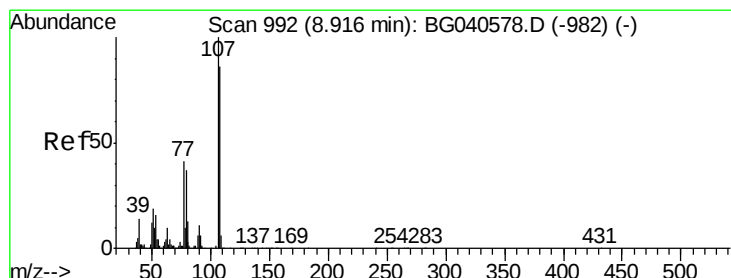
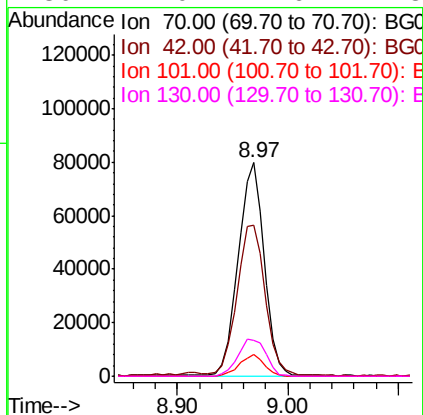




#19
n-Nitroso-di-n-propylamine
Concen: 41.845 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

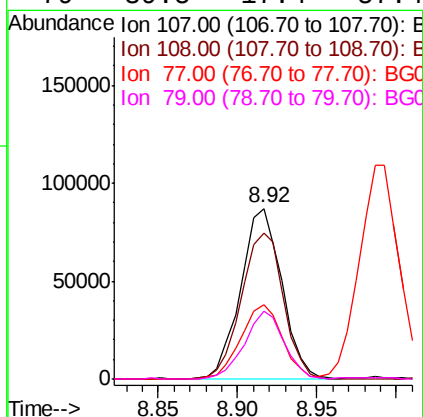
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	133210
Ion	Ratio	Lower	Upper
70	100		
42	70.7	57.1	85.7
101	10.5	7.8	11.8
130	17.0	14.6	21.8



#20
3+4-Methylphenols
Concen: 41.606 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

Tgt Ion:	107	Resp:	155929
Ion	Ratio	Lower	Upper
107	100		
108	85.5	66.1	106.1
77	43.7	21.6	61.6
79	39.5	17.4	57.4

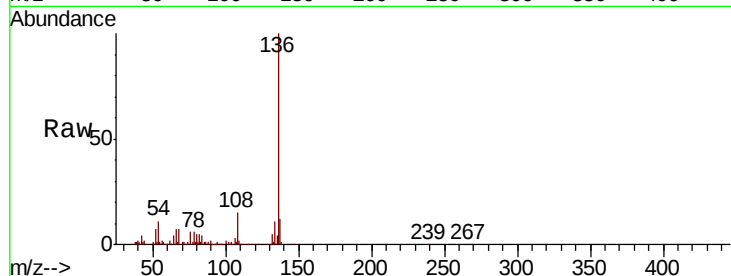




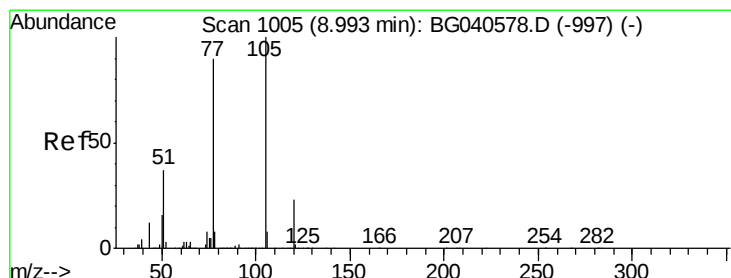
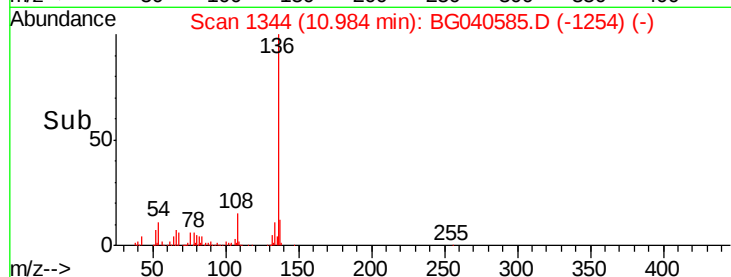
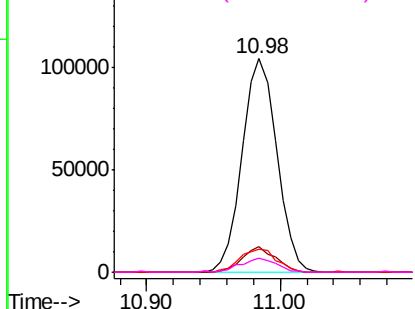
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	187613	
Ion Ratio	Lower	Upper	
136 100			
137 11.8	9.7	14.5	
54 11.0	8.6	12.8	
68 6.6	4.8	7.2	

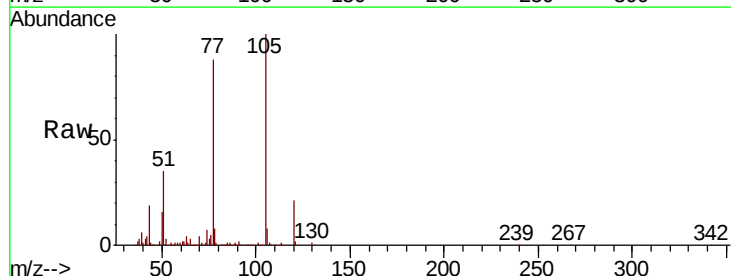


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

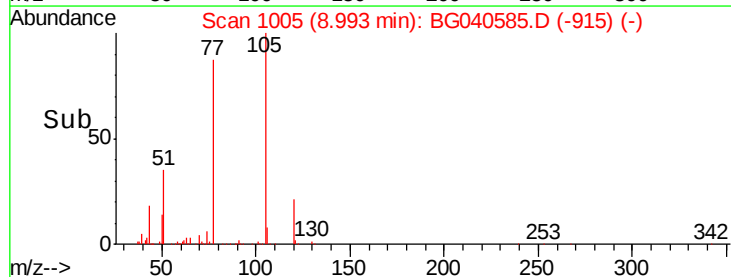
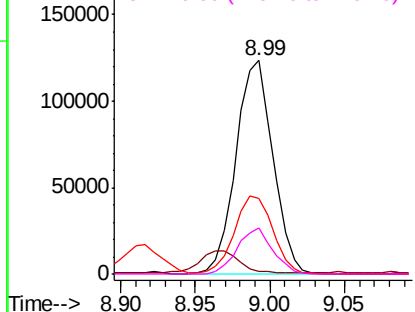


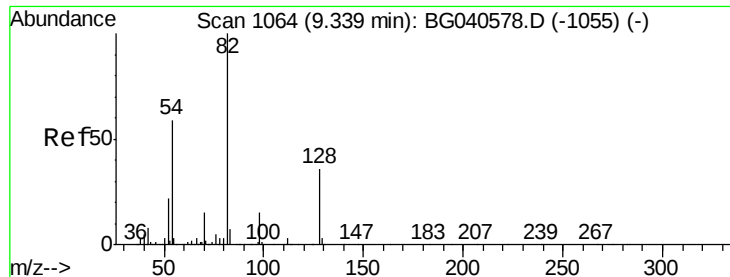
#22
Acetophenone
Concen: 40.766 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

Tgt	Ion:105	Resp:	212677
Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.8	2.8#
51	35.3	29.8	44.8
120	21.4	18.4	27.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.177 ng

RT: 9.33 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Instrument :

BNA_G

ClientSampleId :

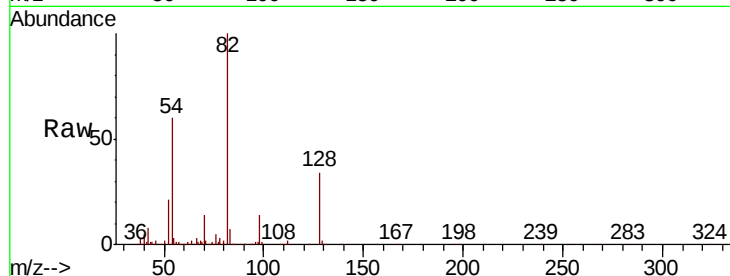
Tot Ion: 82 Resp: 337728

Ion Ratio Lower Upper

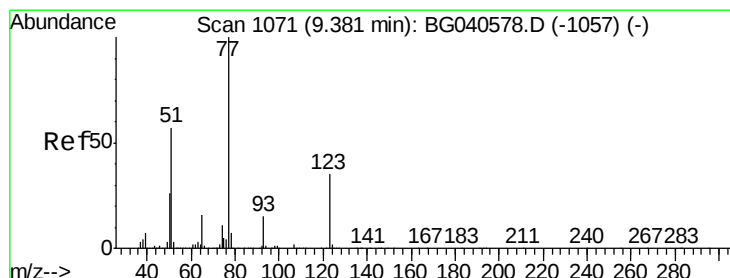
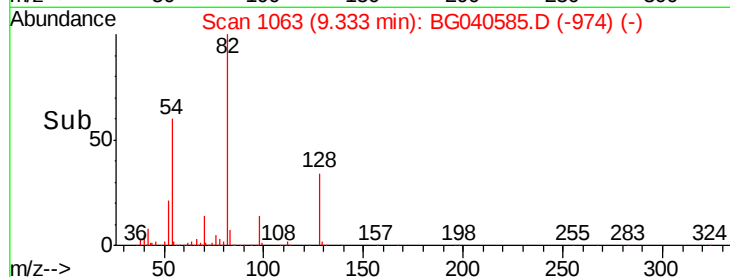
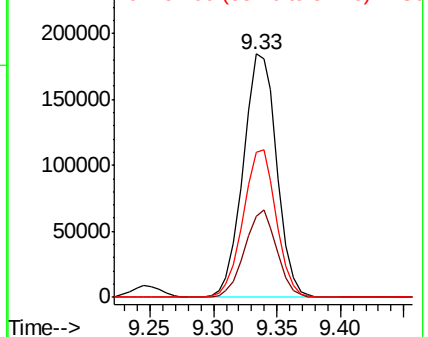
82 100

128 33.5 28.9 43.3

54 59.7 47.2 70.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 41.612 ng

RT: 9.38 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

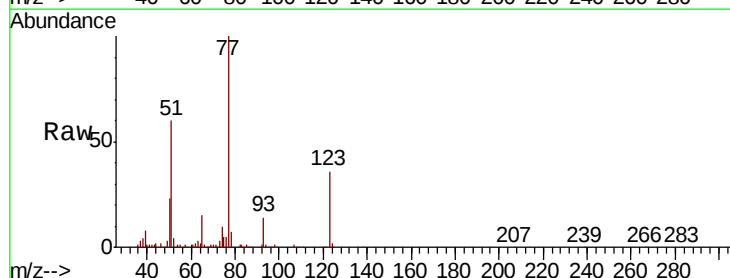
Tgt Ion: 77 Resp: 180272

Ion Ratio Lower Upper

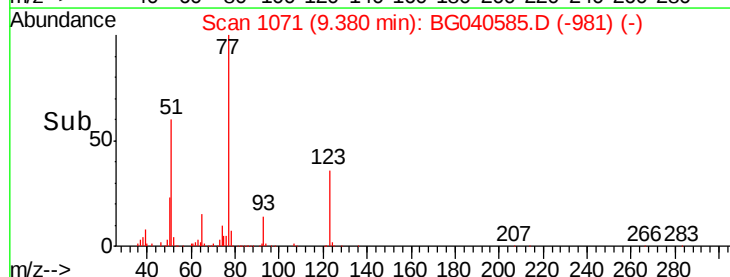
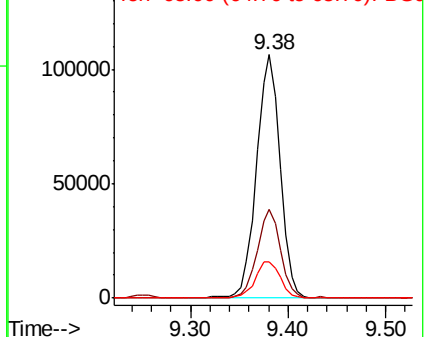
77 100

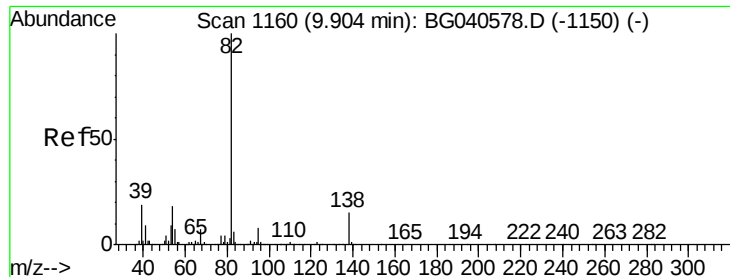
123 36.3 27.8 41.6

65 15.0 12.4 18.6



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





#25

Isophorone

Concen: 40.944 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Instrument :

BNA_G

ClientSampleId :

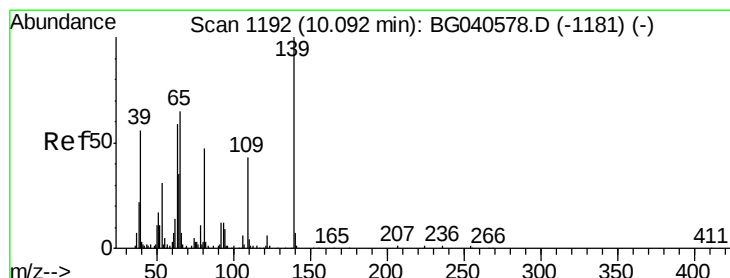
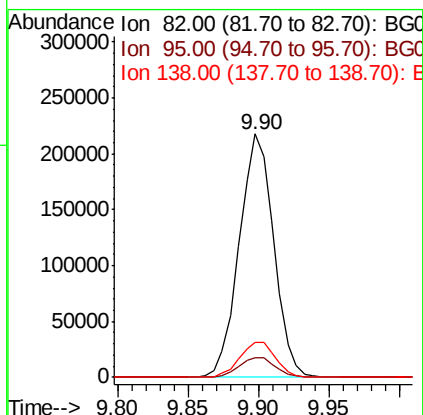
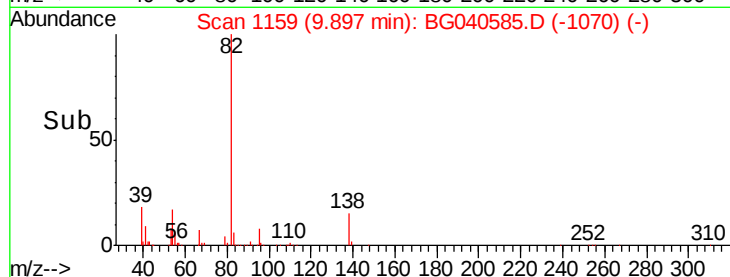
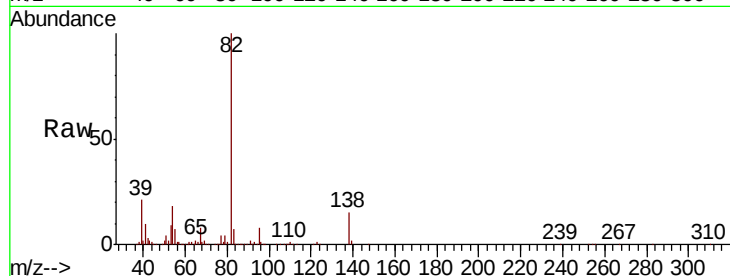
Tot Ion: 82 Resp: 370314

Ion Ratio Lower Upper

82 100

95 8.1 6.9 10.3

138 14.6 12.3 18.5



#26

2-Nitrophenol

Concen: 41.550 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

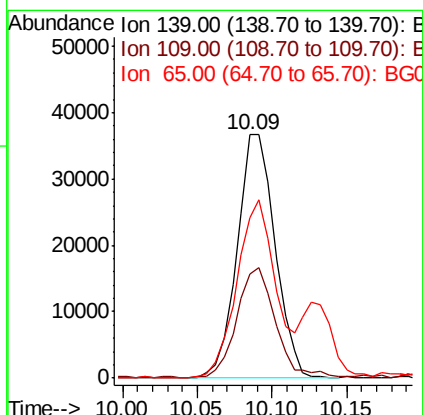
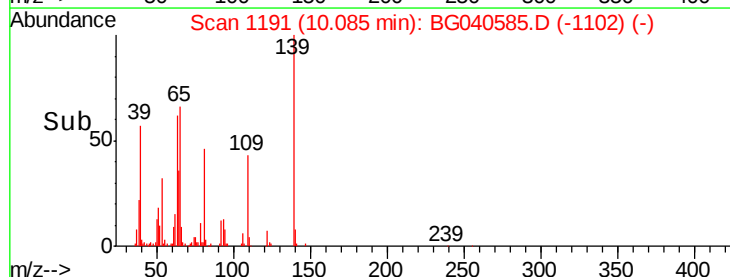
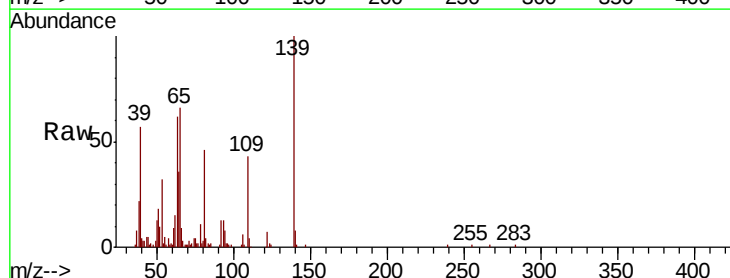
Tgt Ion: 139 Resp: 64522

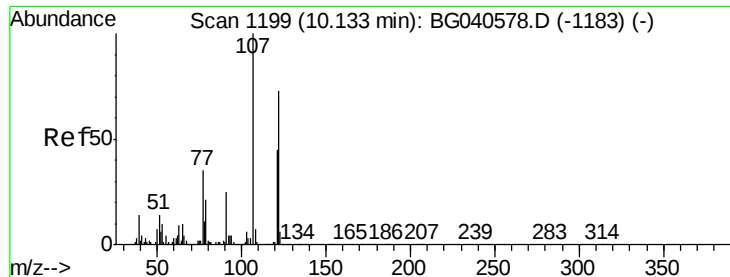
Ion Ratio Lower Upper

139 100

109 42.5 35.6 53.4

65 65.8 52.3 78.5





#27

2,4-Dimethylphenol

Concen: 40.773 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Instrument :

BNA_G

ClientSampleId :

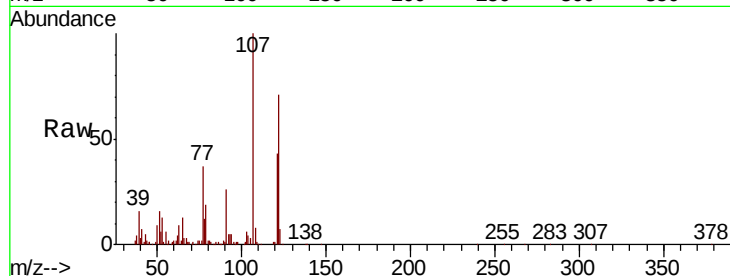
Tot Ion:122 Resp: 118799

Ion Ratio Lower Upper

122 100

107 141.3 110.1 165.1

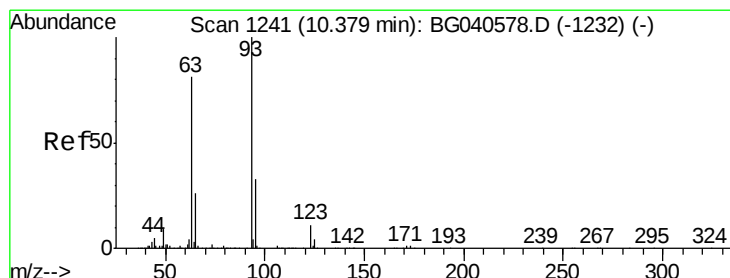
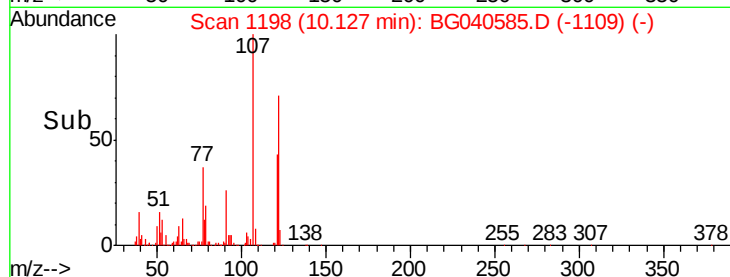
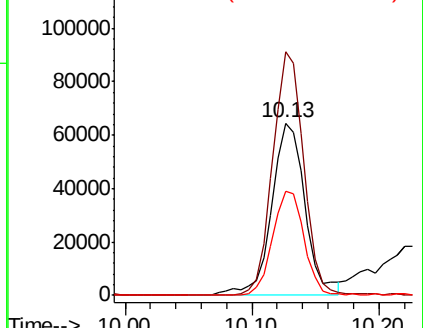
121 60.4 49.4 74.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.771 ng

RT: 10.38 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

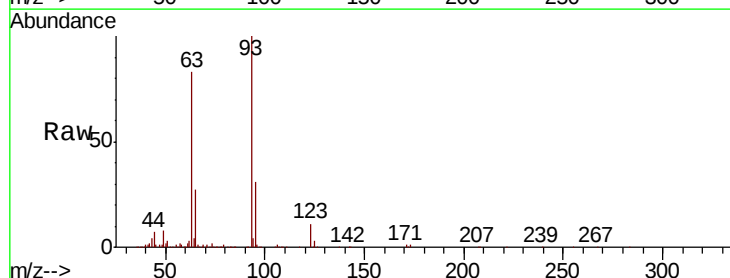
Tgt Ion: 93 Resp: 185007

Ion Ratio Lower Upper

93 100

95 30.5 26.6 40.0

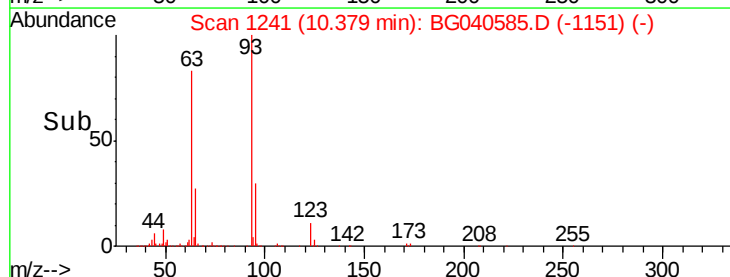
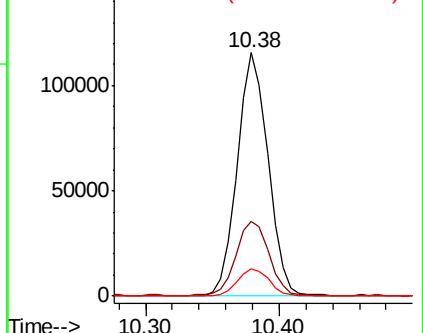
123 11.2 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

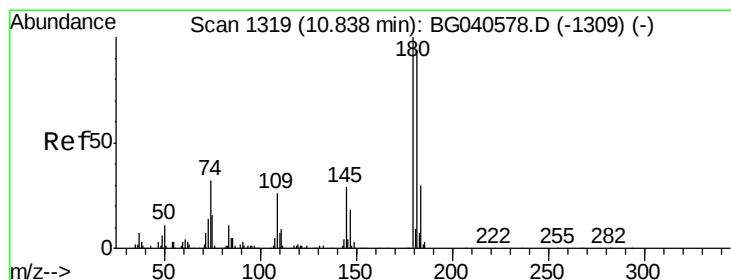
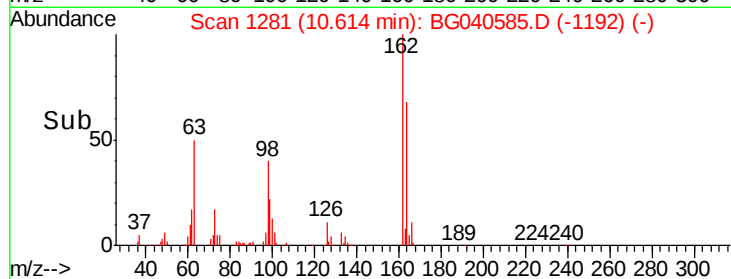
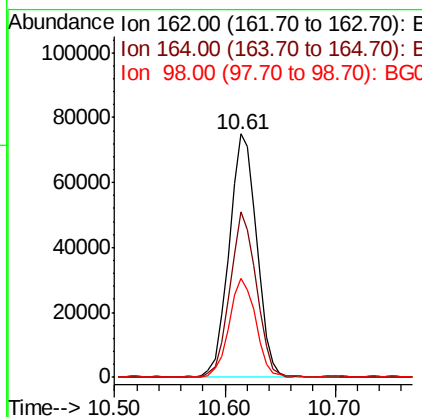
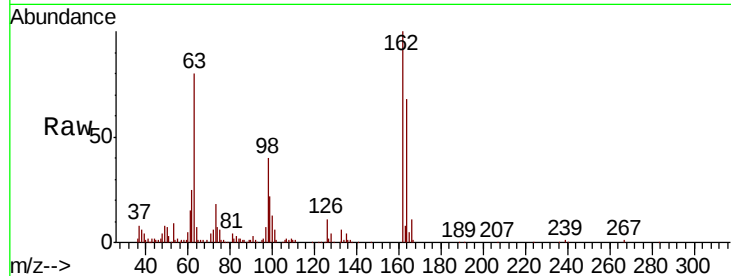




#29
2,4-Dichlorophenol
Concen: 39.663 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

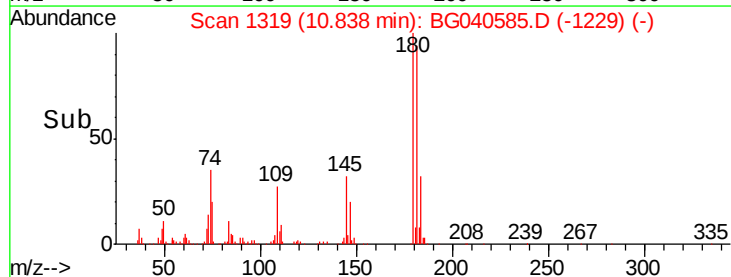
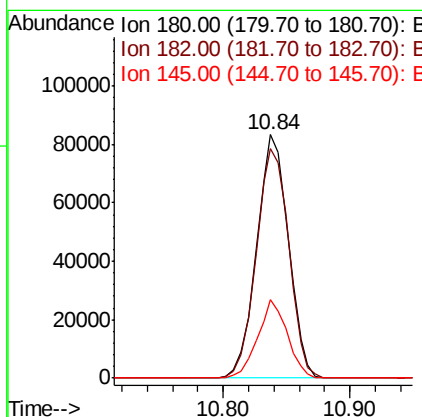
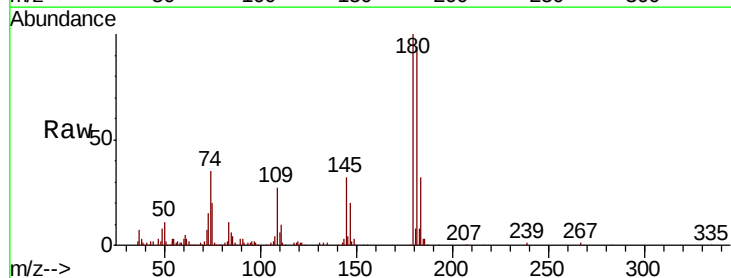
Instrument :
BNA_G
ClientSampleId :

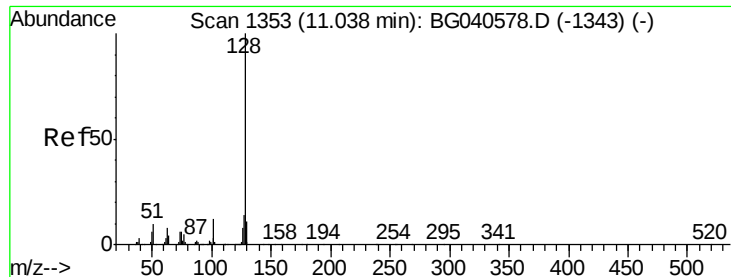
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.0	38.9	78.9
98	40.4	16.8	56.8



#30
1,2,4-Trichlorobenzene
Concen: 39.587 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.2	112.8
145	32.1	23.6	35.4

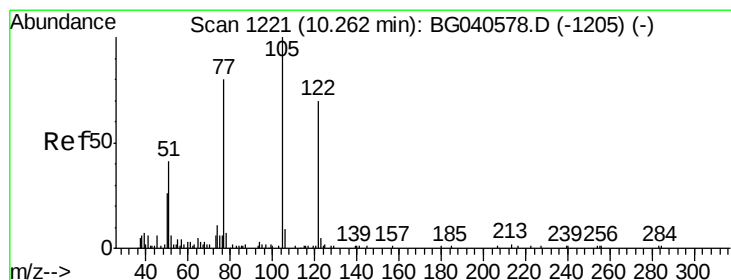
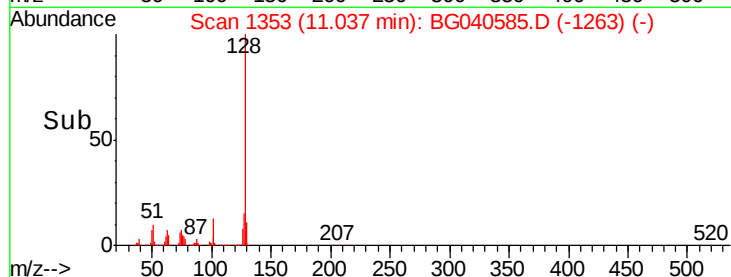
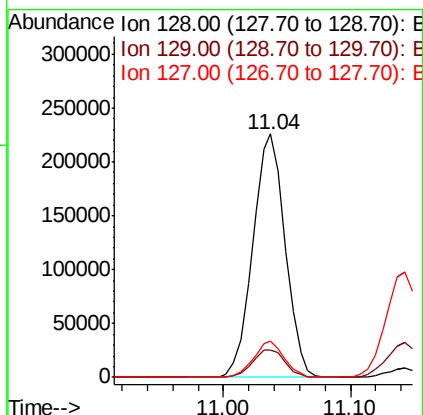
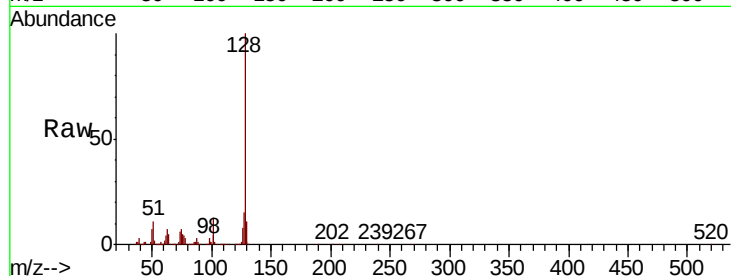




#31
Naphthalene
Concen: 40.085 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

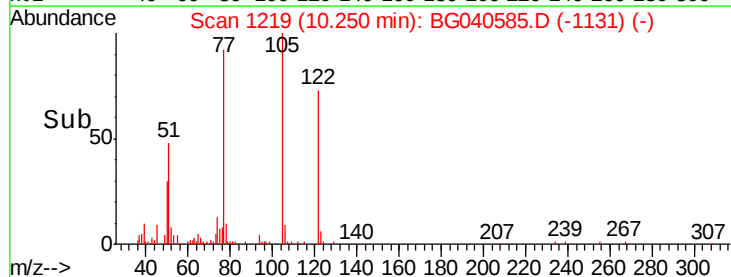
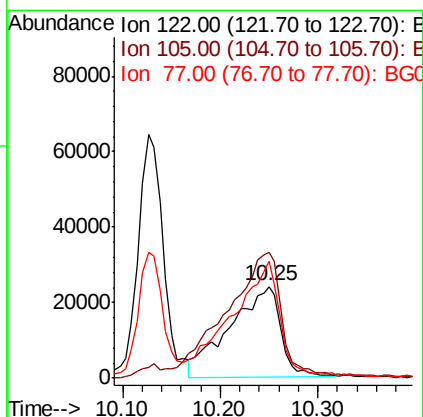
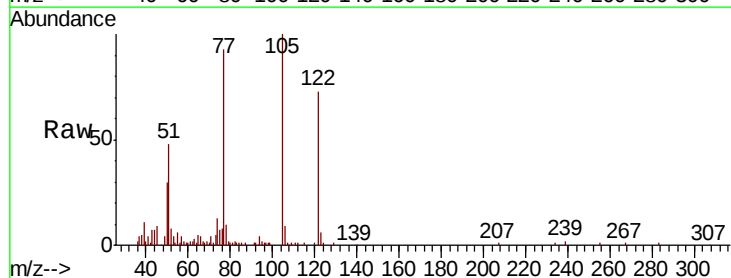
Instrument :
BNA_G
ClientSampleId :

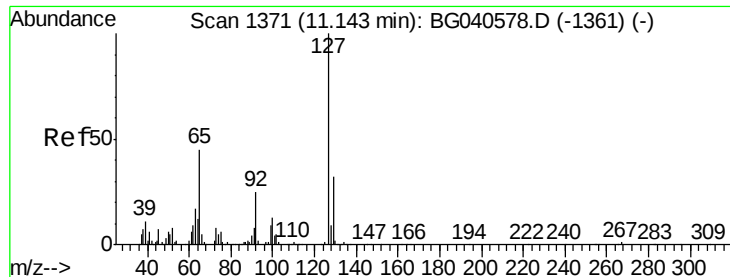
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	14.8	11.3	16.9



#32
Benzoic acid
Concen: 43.716 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.7	110.9	150.9
77	127.1	87.6	127.6

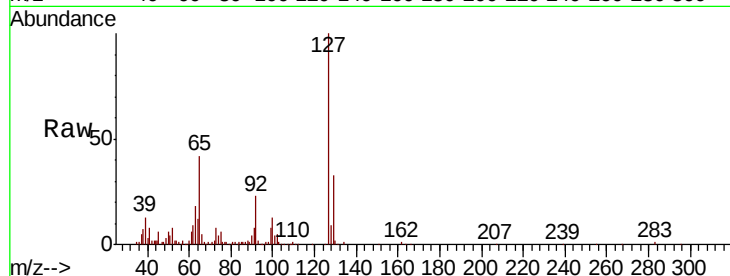




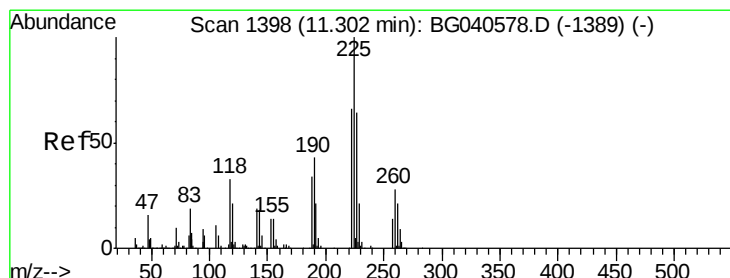
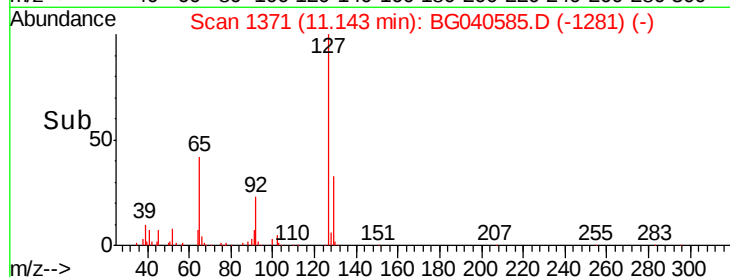
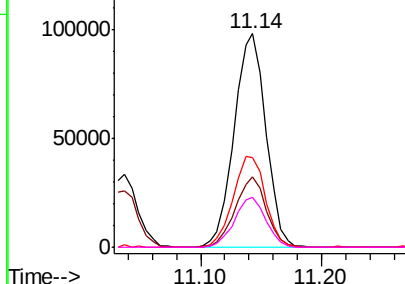
#33
4-Chloroaniline
Concen: 40.701 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	179870
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.7	38.5
65	42.2	36.1	54.1
92	23.1	20.1	30.1

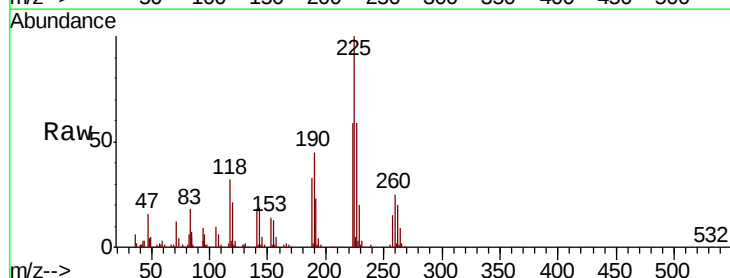


Abundance Ion 127.00 (126.70 to 127.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

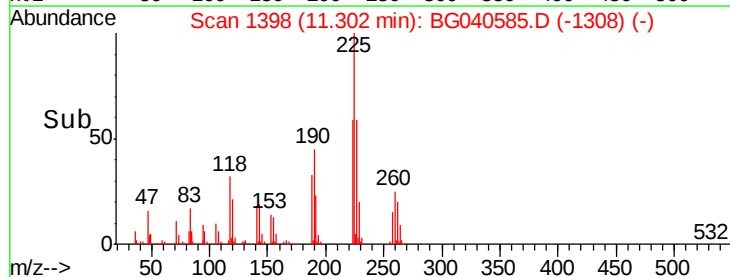
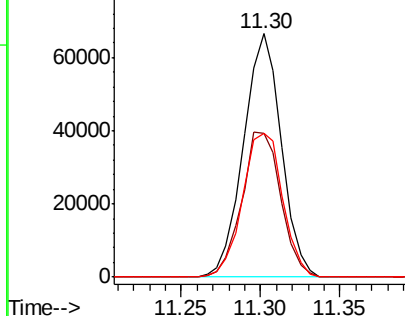


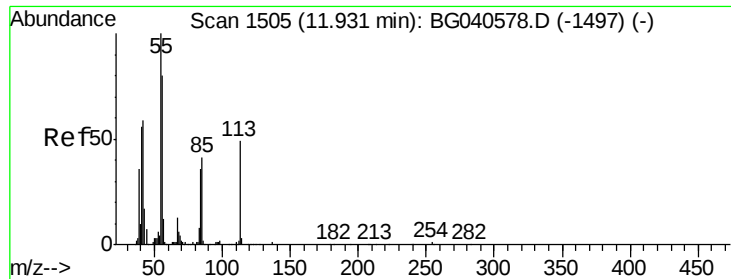
#34
Hexachlorobutadiene
Concen: 40.615 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

Tgt Ion:	225	Resp:	110142
Ion	Ratio	Lower	Upper
225	100		
223	59.3	50.4	75.6
227	61.4	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
80000 Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.628 ng

RT: 11.93 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Instrument :

BNA_G

ClientSampled :

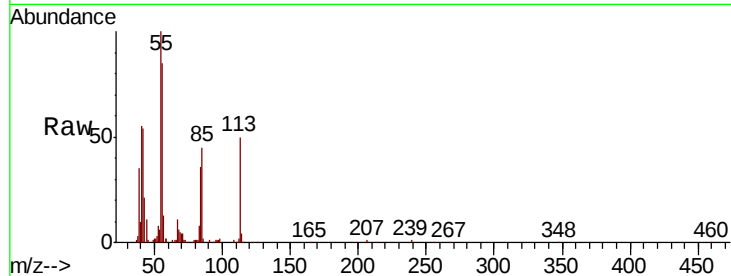
Tot Ion:113 Resp: 53132

Ion Ratio Lower Upper

113 100

55 201.3 198.6 238.6

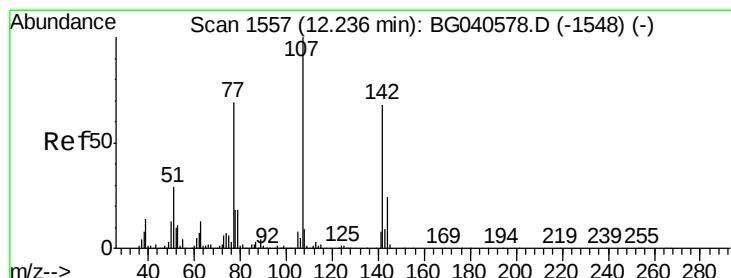
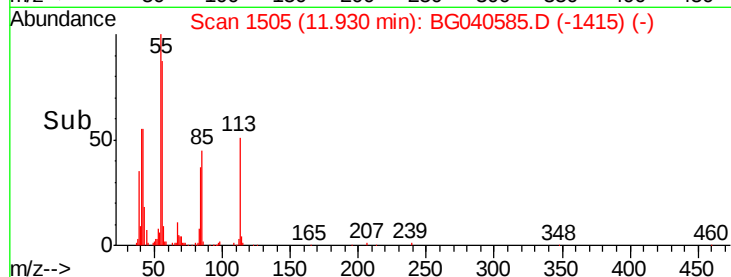
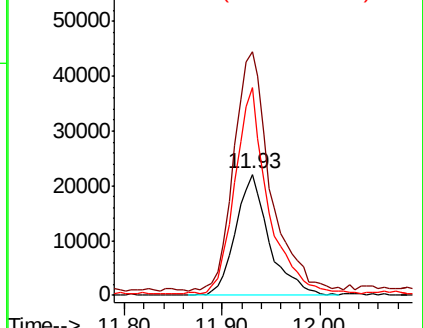
56 172.0 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 41.552 ng

RT: 12.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

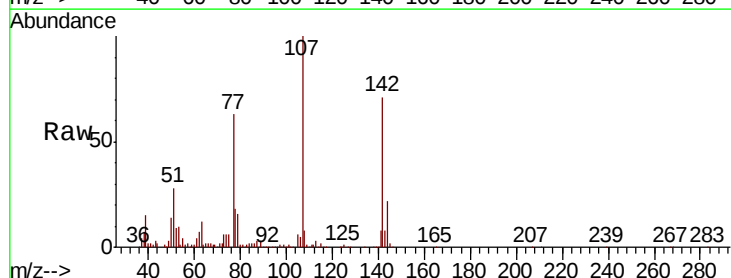
Tgt Ion:107 Resp: 173634

Ion Ratio Lower Upper

107 100

144 21.6 19.3 28.9

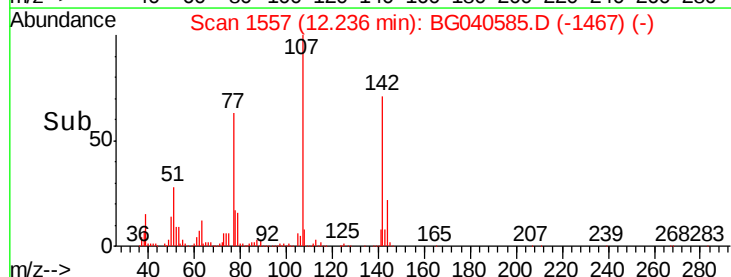
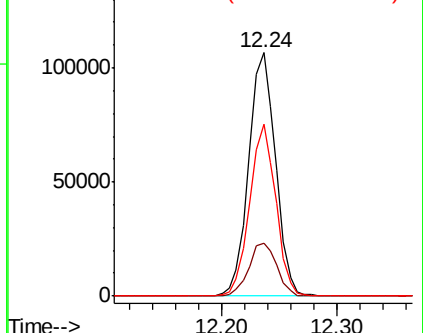
142 70.8 54.6 81.8

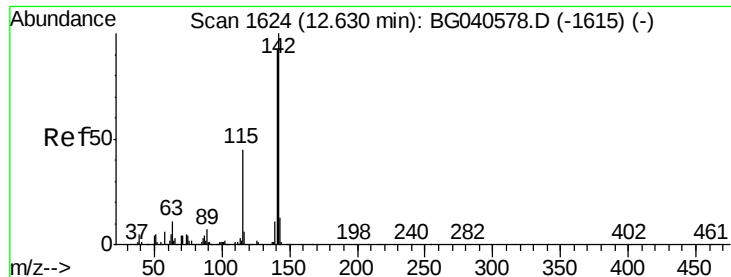


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

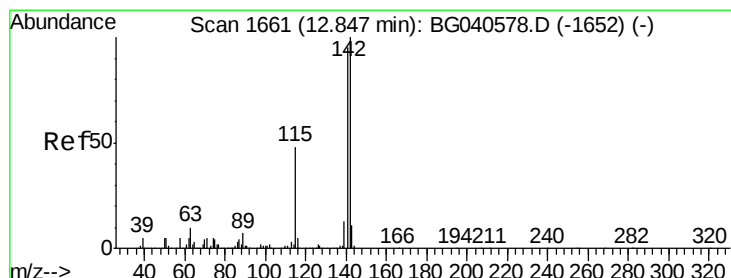
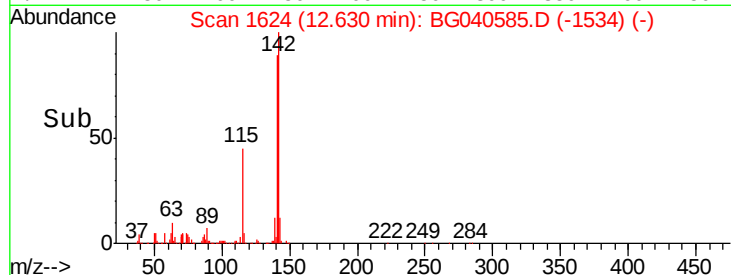
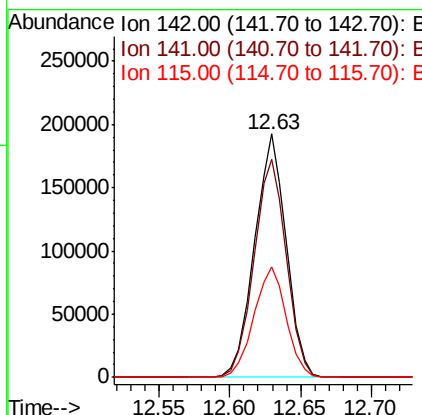
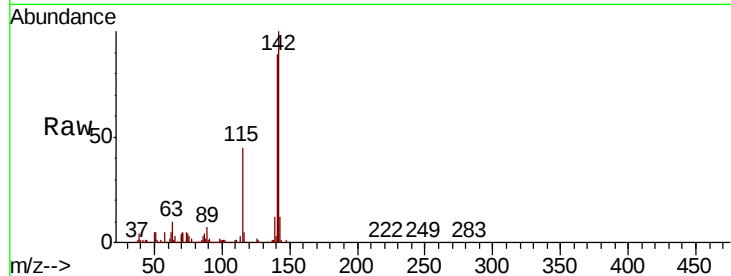




#37
2-Methylnaphthalene
Concen: 40.620 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

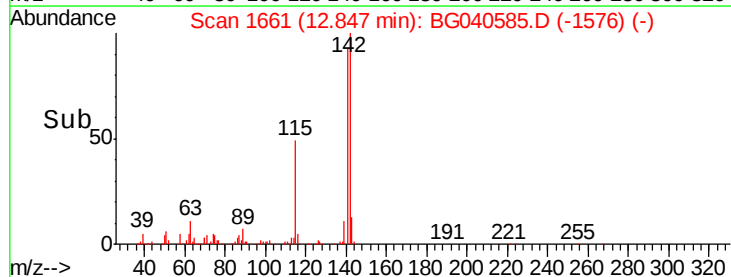
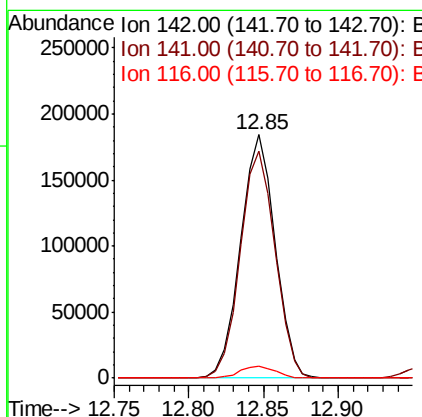
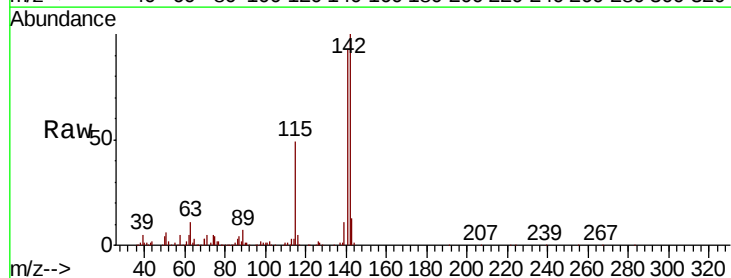
Instrument :
BNA_G
ClientSampleId :

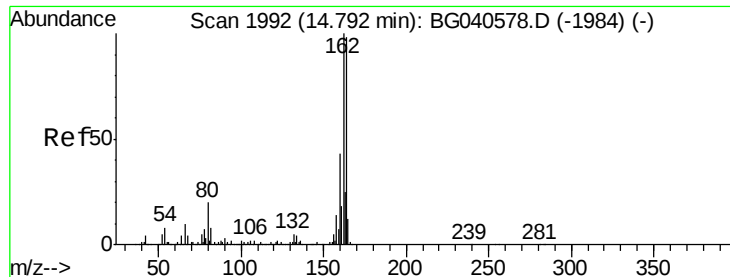
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	73.4	110.2
115	45.5	36.2	54.4



#38
1-Methylnaphthalene
Concen: 40.481 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	75.9	113.9
116	5.0	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Instrument :

BNA_G

ClientSampleId :

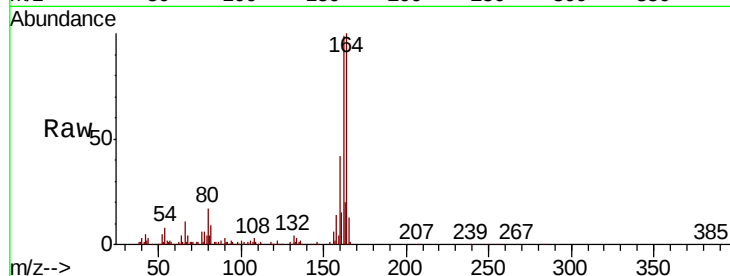
Tot Ion:164 Resp: 137375

Ion Ratio Lower Upper

164 100

162 98.8 81.9 122.9

160 42.3 35.4 53.2

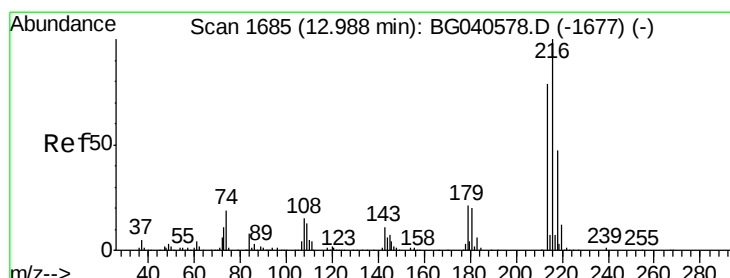
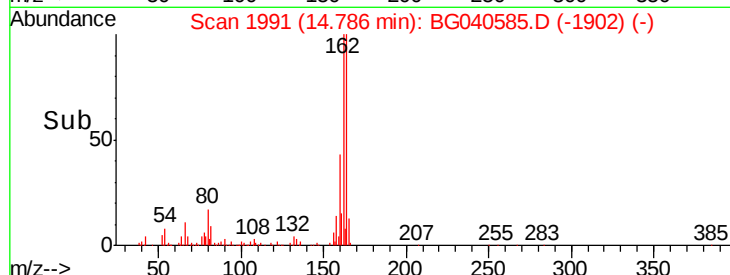
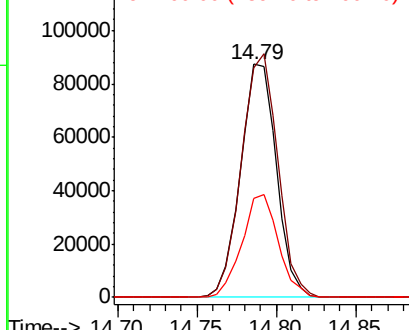


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.100 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Tgt Ion:216 Resp: 194979

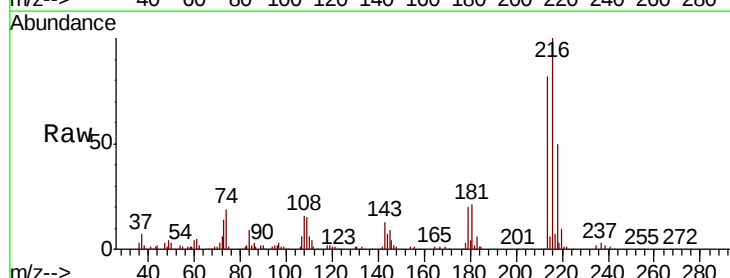
Ion Ratio Lower Upper

216 100

214 79.7 63.7 95.5

179 20.4 16.6 24.8

108 18.1 14.7 22.1



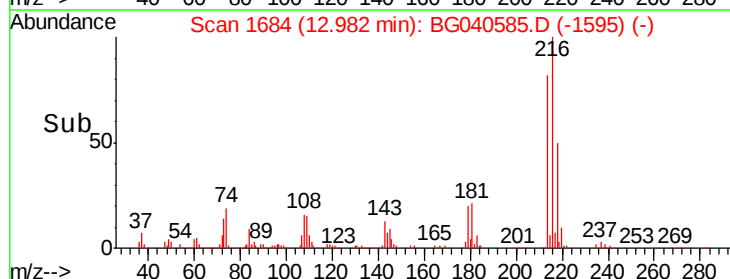
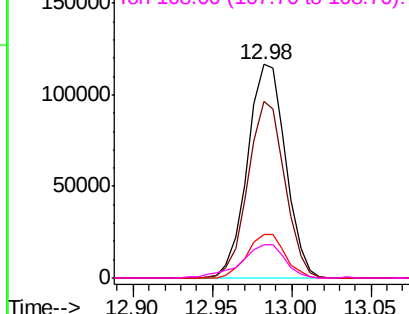
Abundance

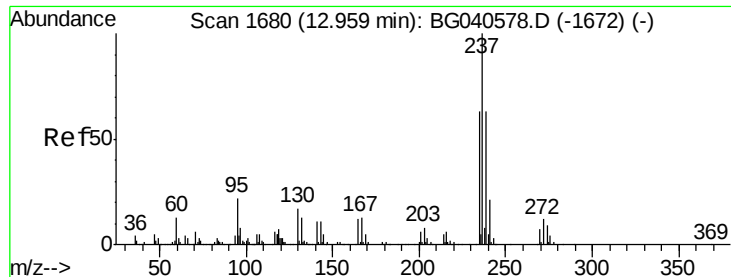
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 36.210 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

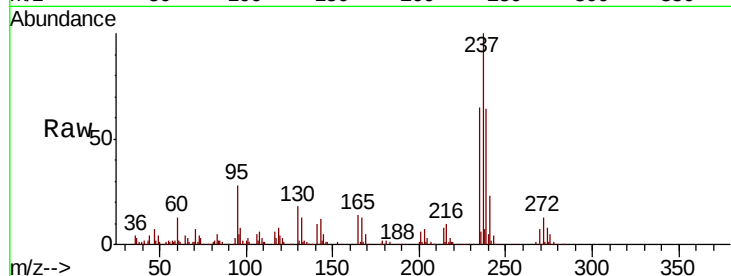
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 109347

Ion	Ratio	Lower	Upper
237	100		
235	64.9	42.5	82.5
272	12.6	0.0	31.6

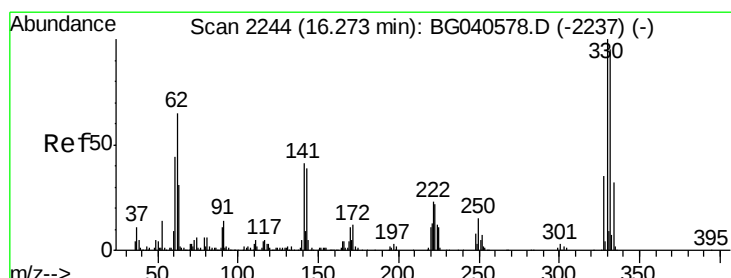
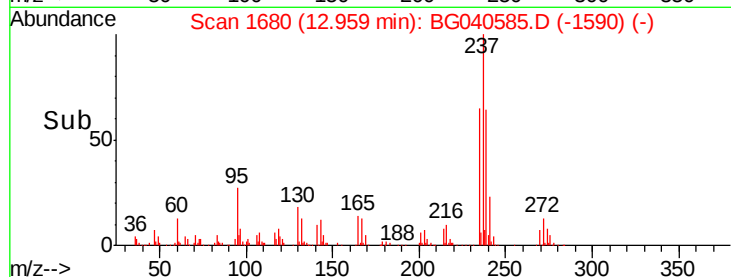
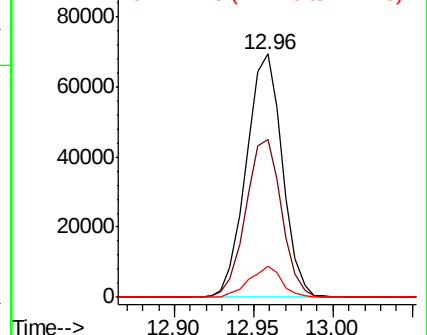


Abundance

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: 79.097 ng

RT: 16.27 min Scan# 2244

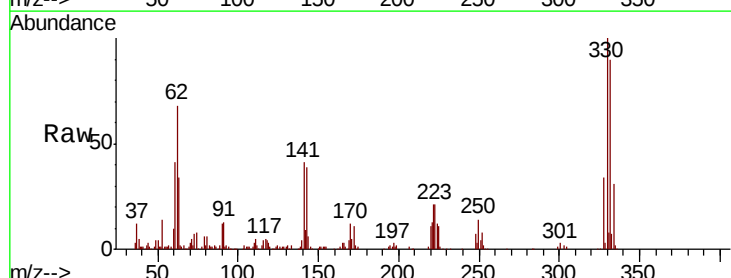
Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Tgt Ion:330 Resp: 149354

Ion	Ratio	Lower	Upper
330	100		
332	93.8	75.9	113.9
141	42.1	32.4	48.6

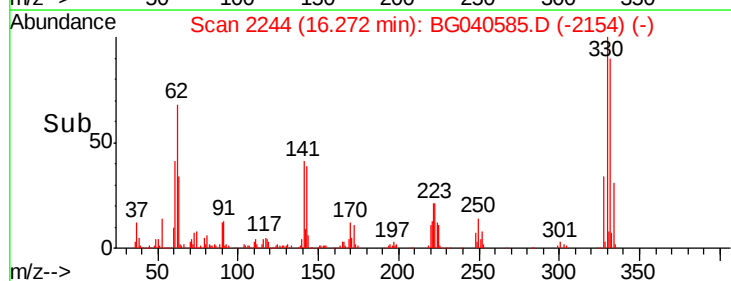
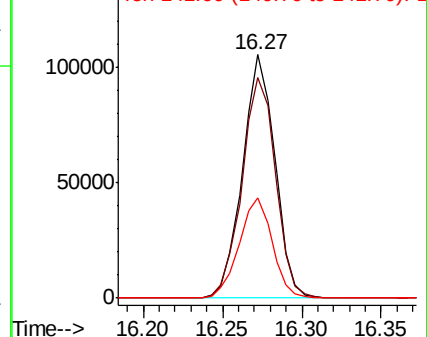


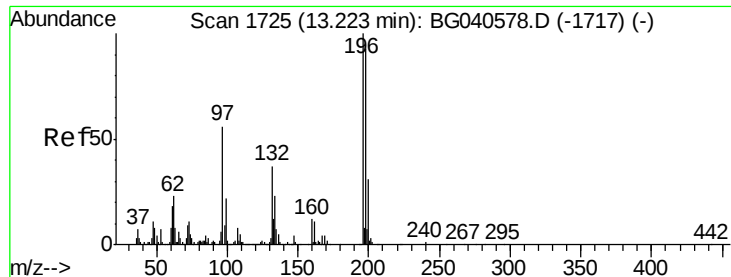
Abundance

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

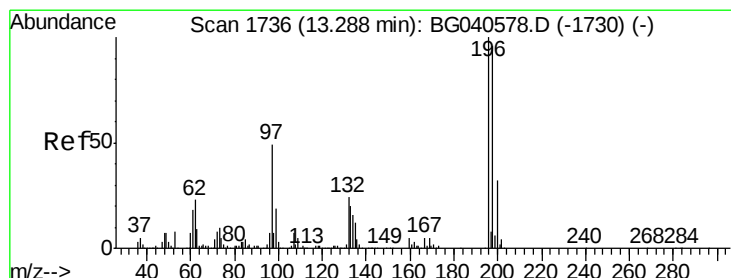
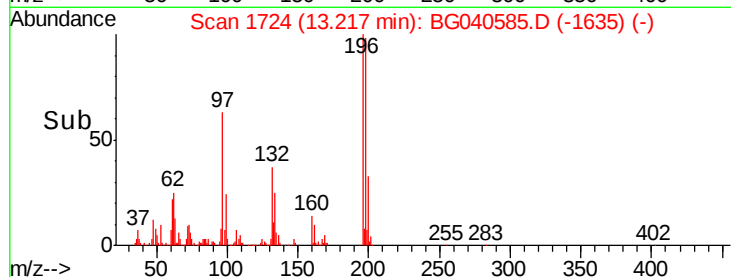
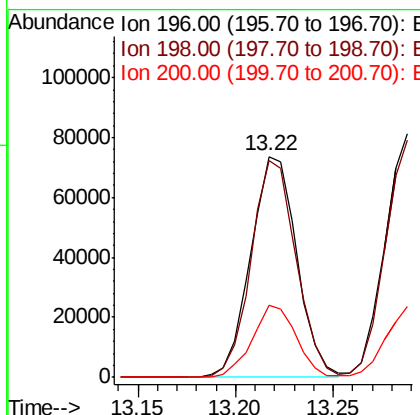
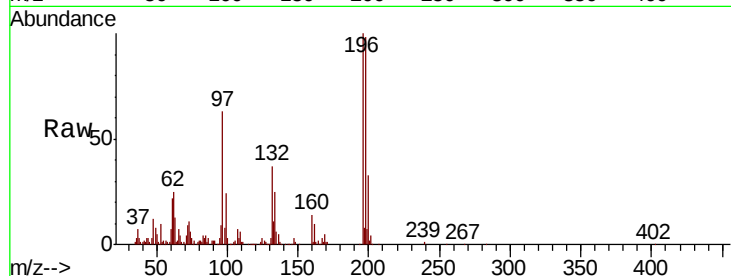




#43
 2,4,6-Trichlorophenol
 Concen: 38.994 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG040585.D
 Acq: 24 Apr 2019 9:41

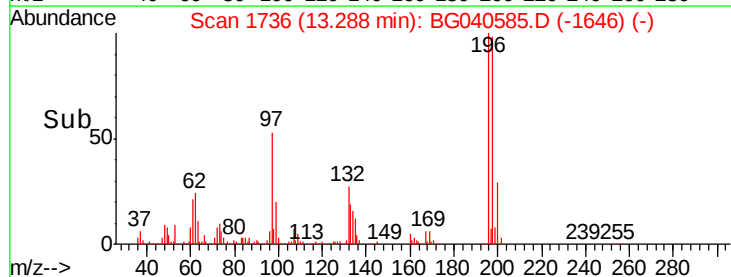
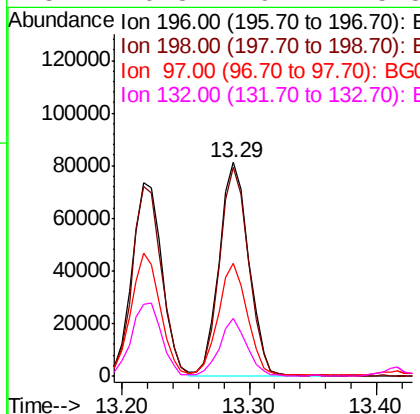
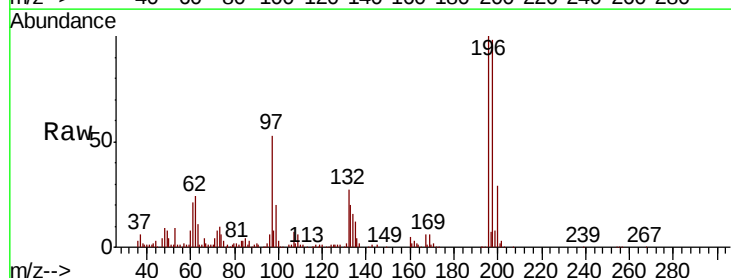
Instrument :
 BNA_G
 ClientSampleId :

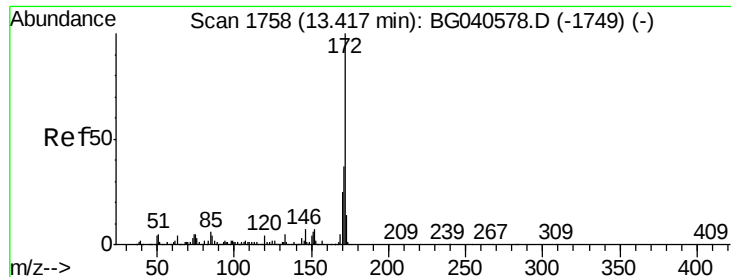
Tot Ion	196	Resp	120592
Ion Ratio	Lower	Upper	
196	100		
198	98.0	74.8	112.2
200	32.8	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.149 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG040585.D
 Acq: 24 Apr 2019 9:41

Tgt Ion	196	Resp	131891
Ion Ratio	Lower	Upper	
196	100		
198	97.7	77.0	115.6
97	53.0	40.0	60.0
132	26.8	19.2	28.8

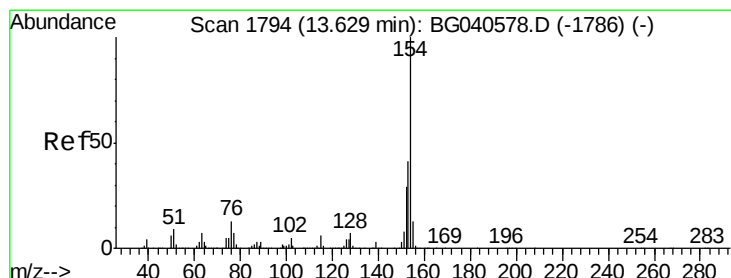
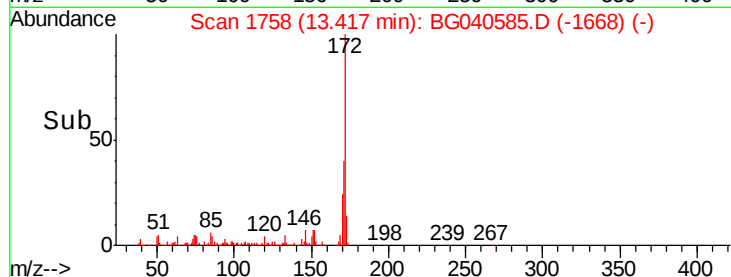
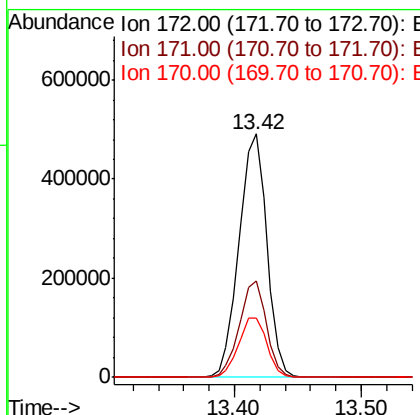
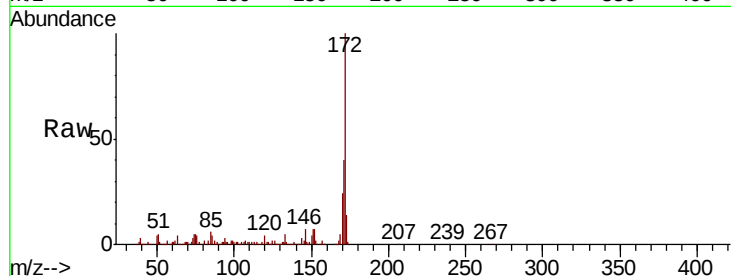




#45
2-Fluorobiphenyl
Concen: 78.282 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

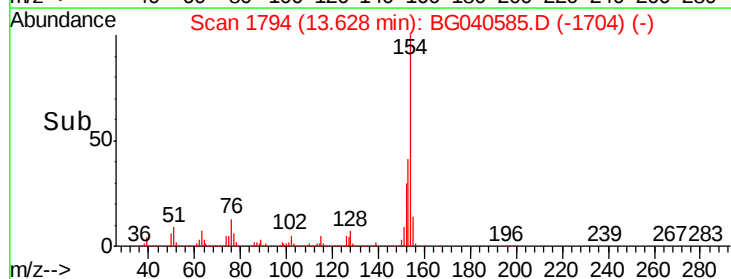
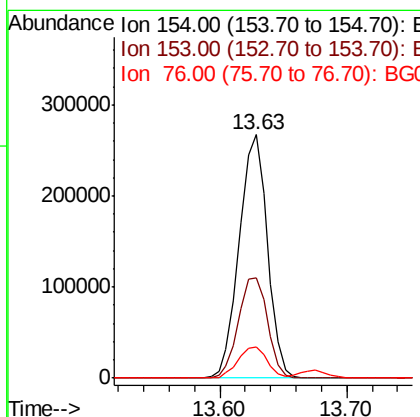
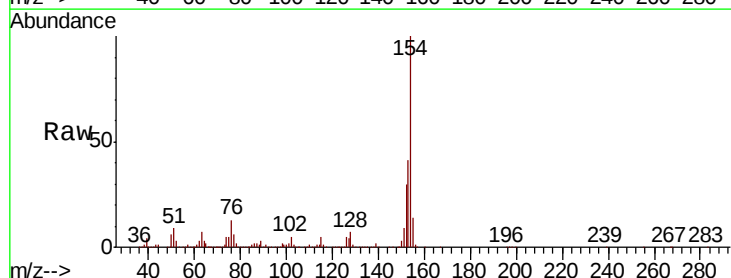
Instrument :
BNA_G
ClientSampleId :

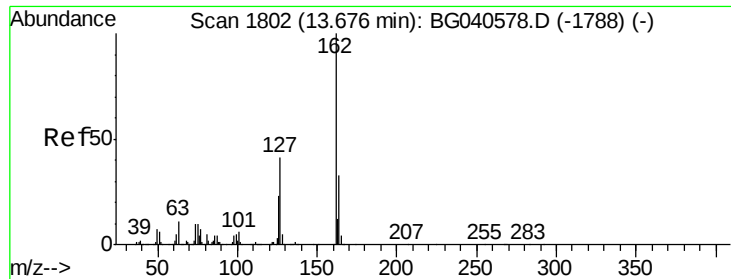
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.6	29.4	44.2
170	24.4	19.9	29.9



#46
1,1'-Biphenyl
Concen: 38.541 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.5	60.5
76	12.8	0.0	32.5





#47

2-Chloronaphthalene

Concen: 38.355 ng

RT: 13.68 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Instrument :

BNA_G

ClientSampleId :

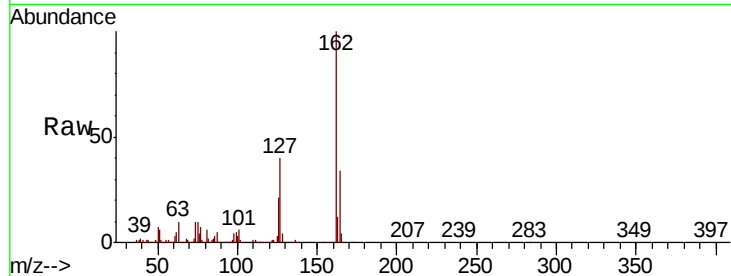
Tot Ion:162 Resp: 320151

Ion Ratio Lower Upper

162 100

127 39.8 33.0 49.4

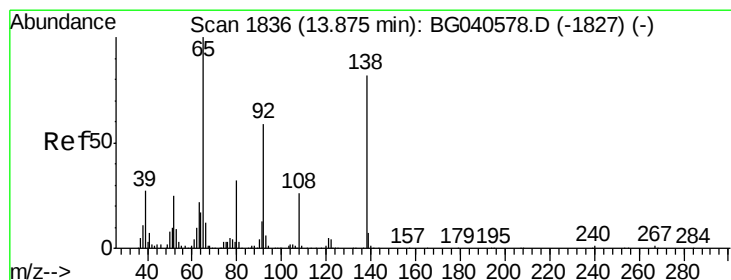
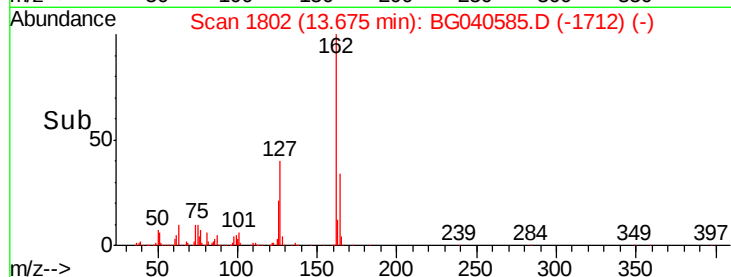
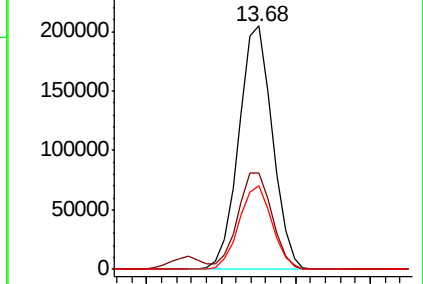
164 34.1 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.818 ng

RT: 13.88 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

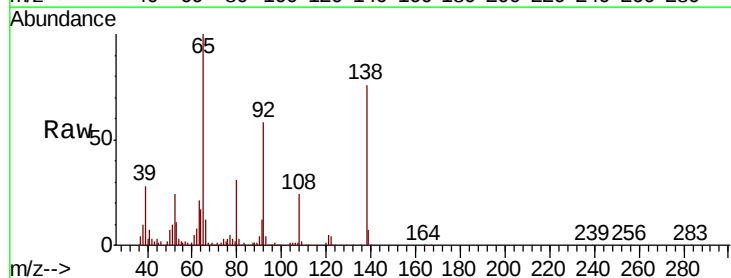
Tgt Ion: 65 Resp: 127223

Ion Ratio Lower Upper

65 100

92 57.8 47.4 71.0

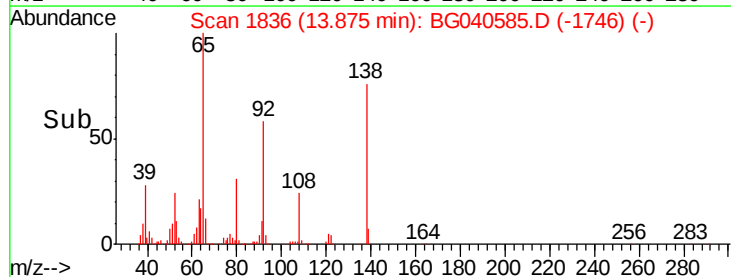
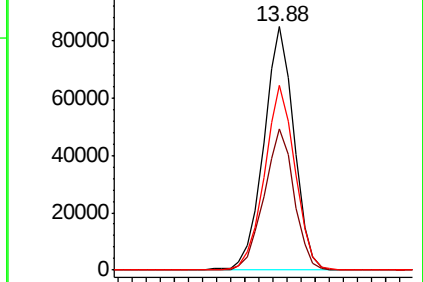
138 75.7 66.1 99.1

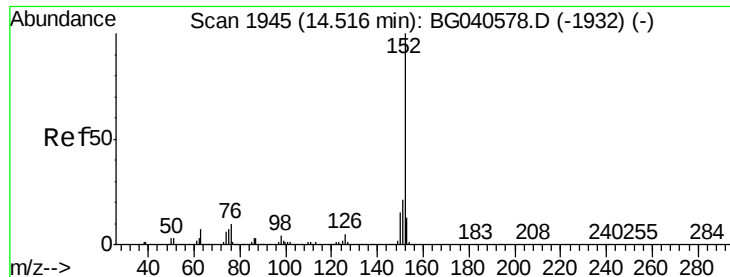


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.058 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Instrument :

BNA_G

ClientSampleId :

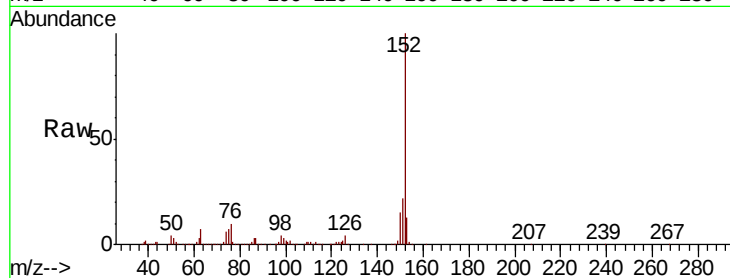
Tot Ion:152 Resp: 553126

Ion Ratio Lower Upper

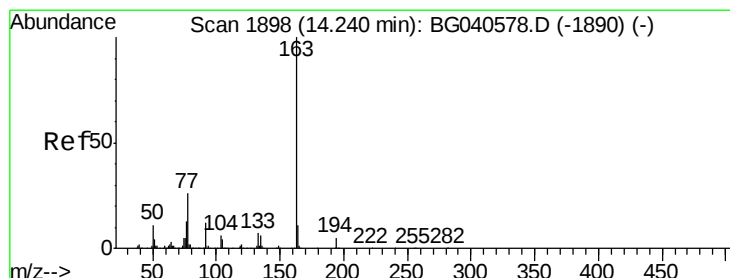
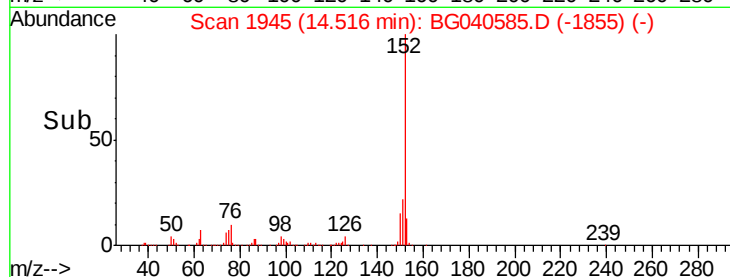
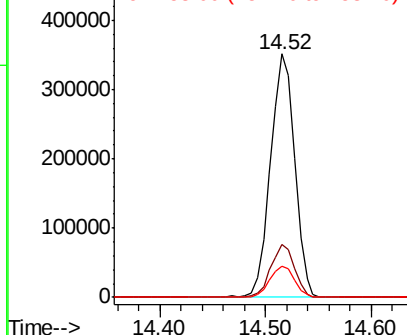
152 100

151 21.8 17.2 25.8

153 12.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.423 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

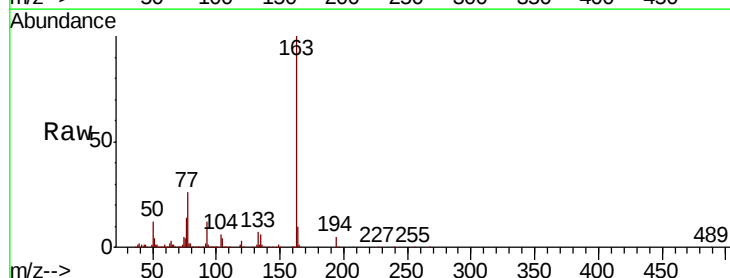
Tgt Ion:163 Resp: 453126

Ion Ratio Lower Upper

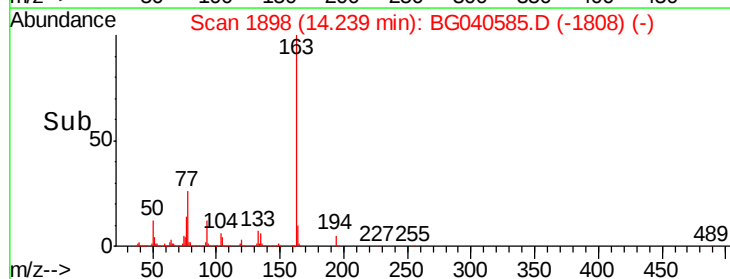
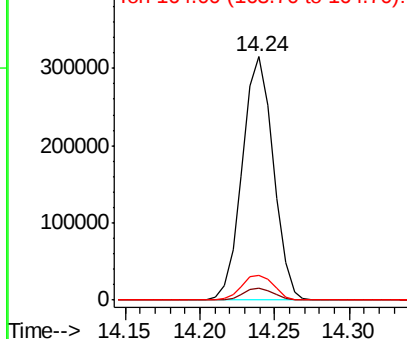
163 100

194 4.7 3.8 5.8

164 10.4 8.8 13.2



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

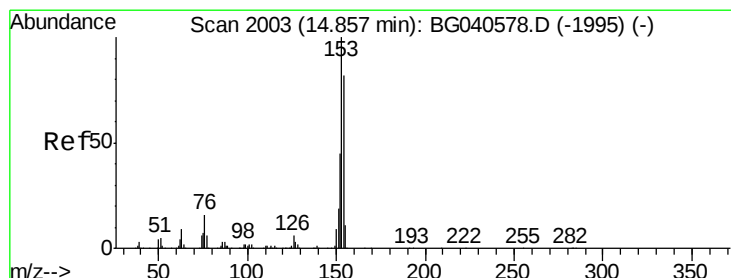
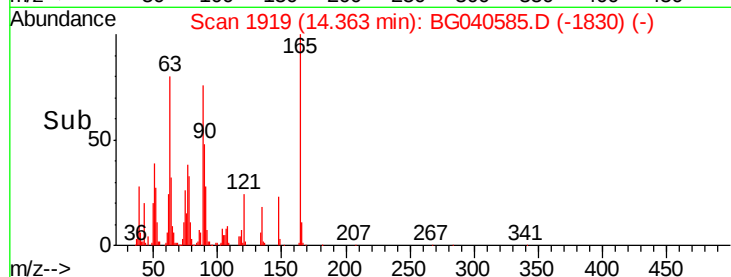
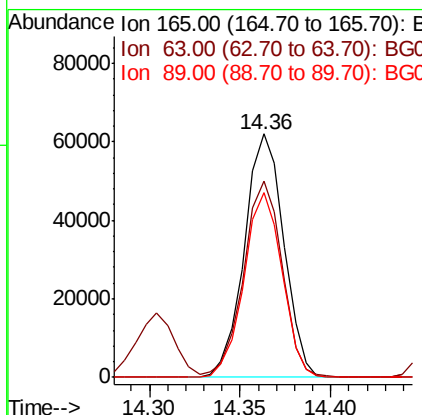
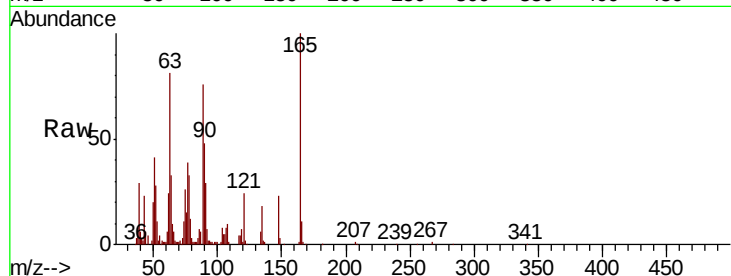




#51
 2,6-Dinitrotoluene
 Concen: 41.702 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BG040585.D
 Acq: 24 Apr 2019 9:41

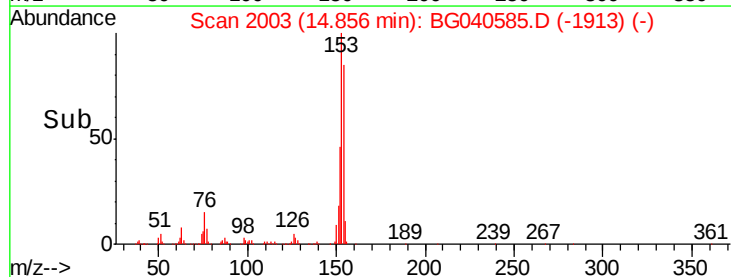
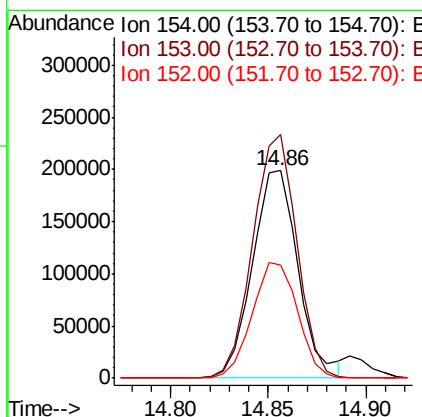
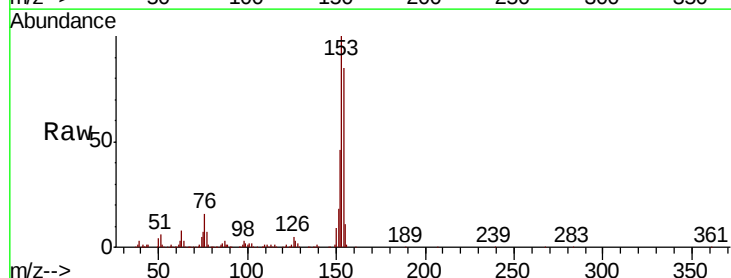
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 93549
 Ion Ratio Lower Upper
 165 100
 63 80.5 61.0 91.4
 89 76.0 58.6 87.8



#52
 Acenaphthene
 Concen: 39.033 ng
 RT: 14.86 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BG040585.D
 Acq: 24 Apr 2019 9:41

Tgt Ion:154 Resp: 321916
 Ion Ratio Lower Upper
 154 100
 153 117.3 97.0 145.6
 152 54.2 44.1 66.1

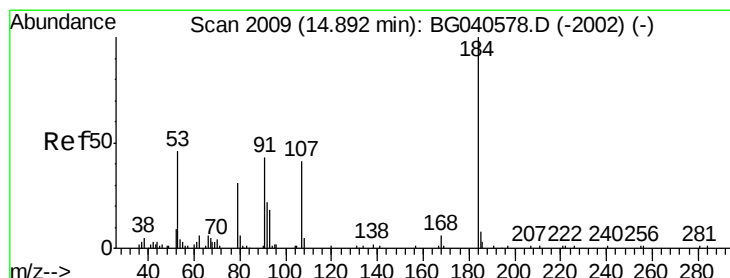
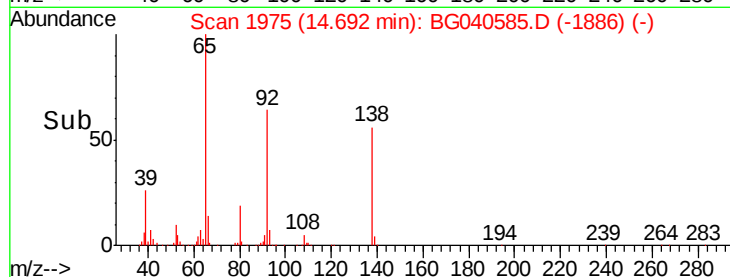
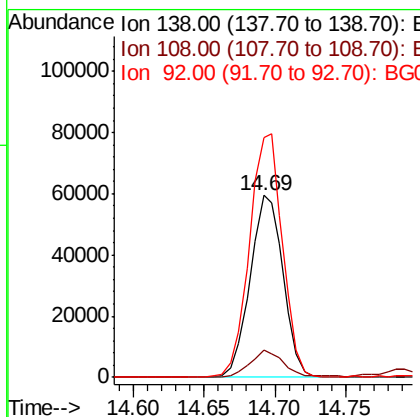
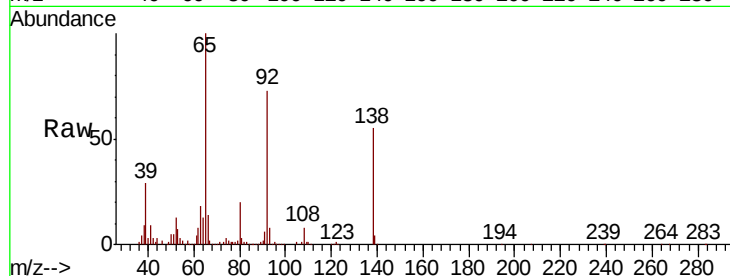




#53
3-Nitroaniline
Concen: 42.602 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

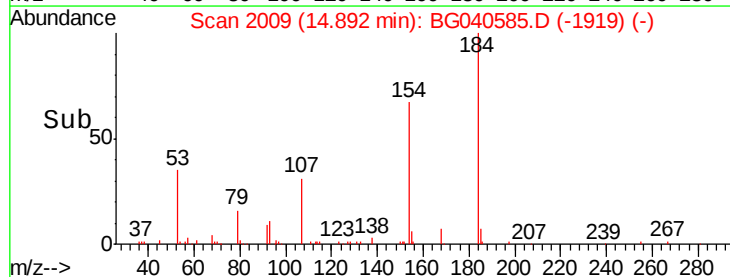
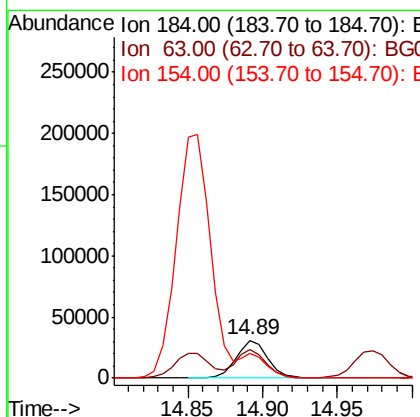
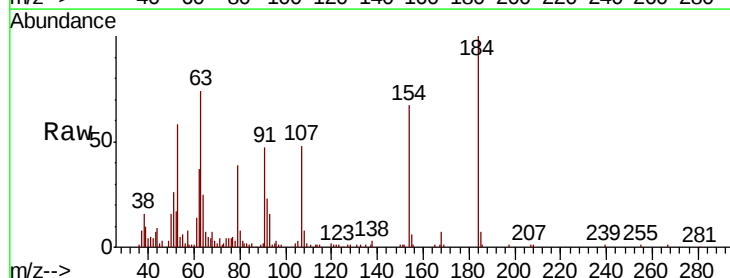
Instrument :
BNA_G
ClientSampleId :

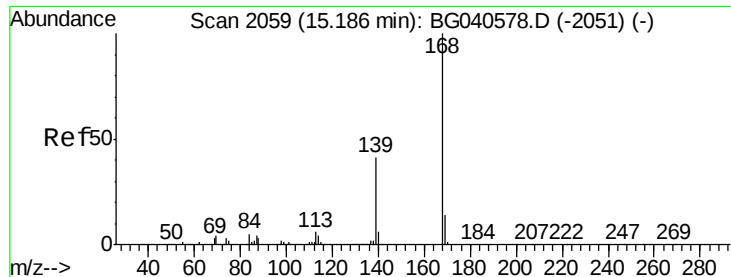
Tot Ion:138 Resp: 97920
Ion Ratio Lower Upper
138 100
108 15.1 12.4 18.6
92 132.1 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 39.495 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

Tgt Ion:184 Resp: 45043
Ion Ratio Lower Upper
184 100
63 73.8 51.8 77.6
154 66.8 43.6 65.4#

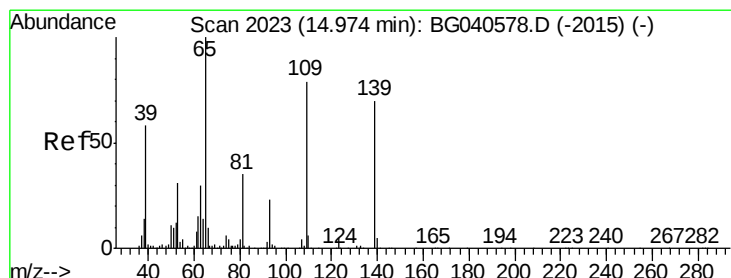
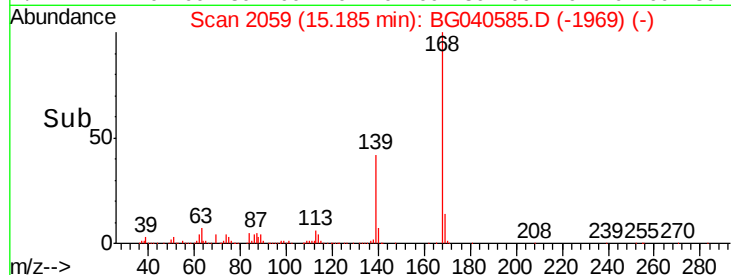
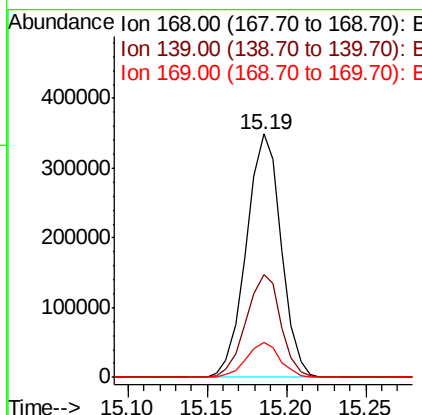
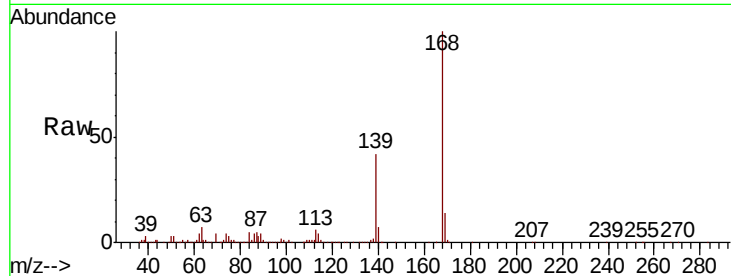




#55
Dibenzofuran
Concen: 39.407 ng
RT: 15.19 min Scan# 2059
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

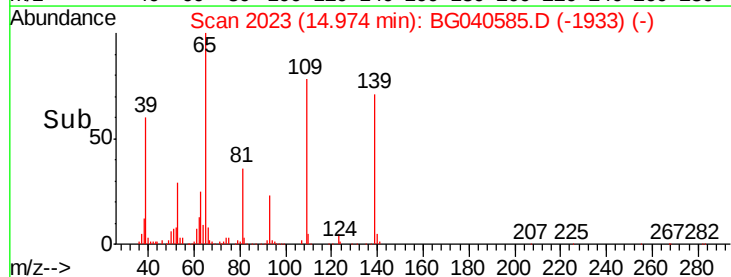
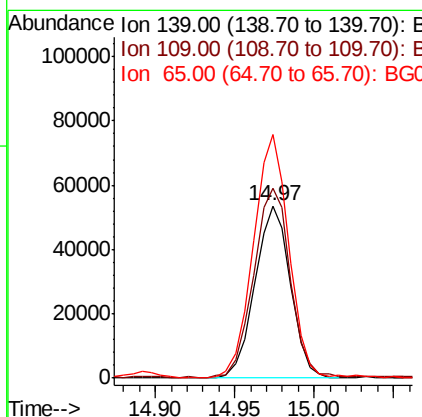
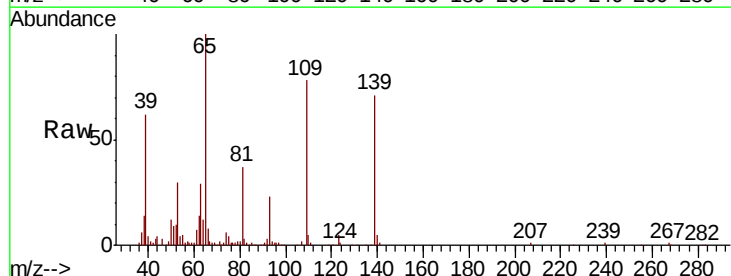
Instrument :
BNA_G
ClientSampleId :

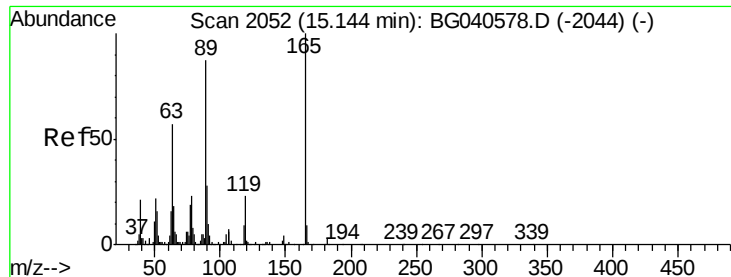
Tot Ion	Ratio	Lower	Upper
168	100		
139	42.3	33.0	49.4
169	14.4	11.0	16.4



#56
4-Nitrophenol
Concen: 41.759 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	109.8	93.8	133.8
65	141.2	122.7	162.7

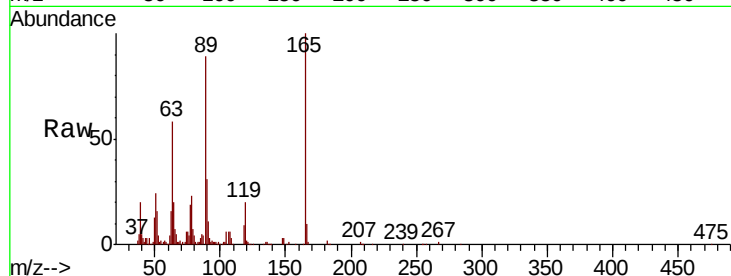




#57
 2,4-Dinitrotoluene
 Concen: 42.877 ng
 RT: 15.14 min Scan# 2052
 Delta R.T. -0.00 min
 Lab File: BG040585.D
 Acq: 24 Apr 2019 9:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.0	45.8	68.8
89	88.8	69.4	104.2
182	2.5	2.2	3.4

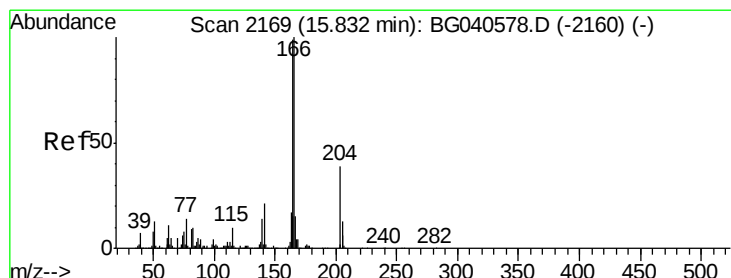
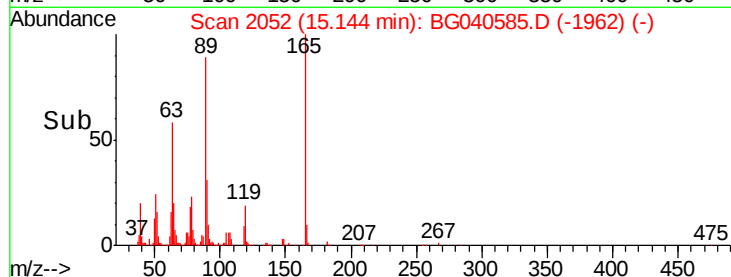
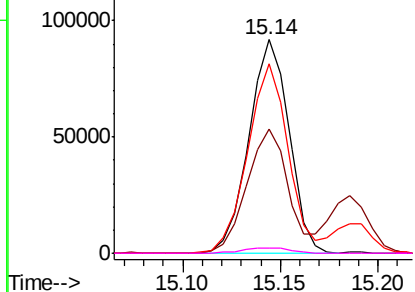


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

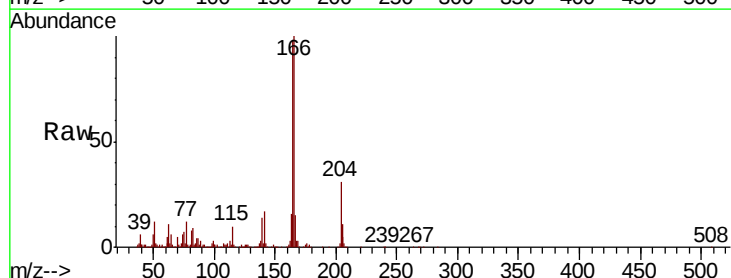
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.700 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: BG040585.D
 Acq: 24 Apr 2019 9:41

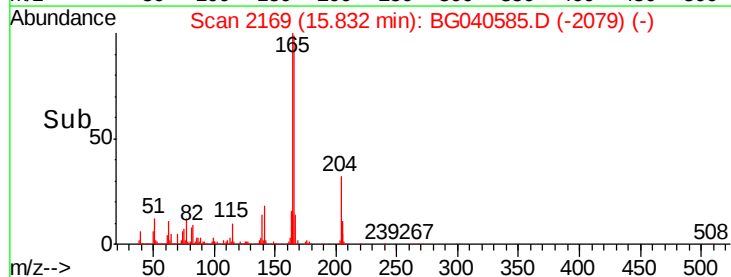
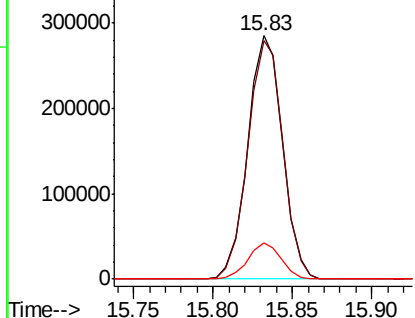
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.6	119.4
167	14.9	12.2	18.2

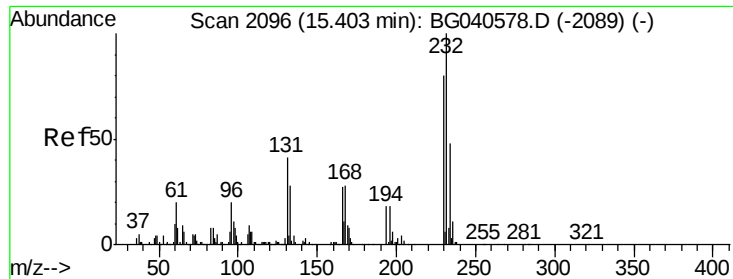


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

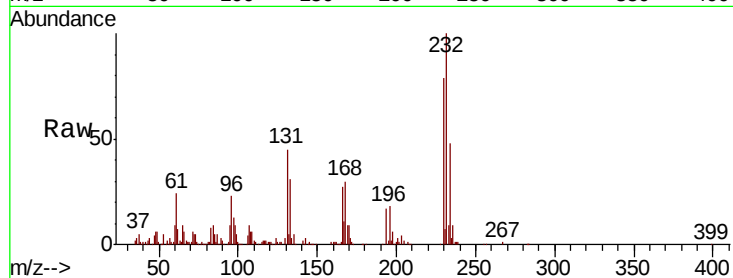




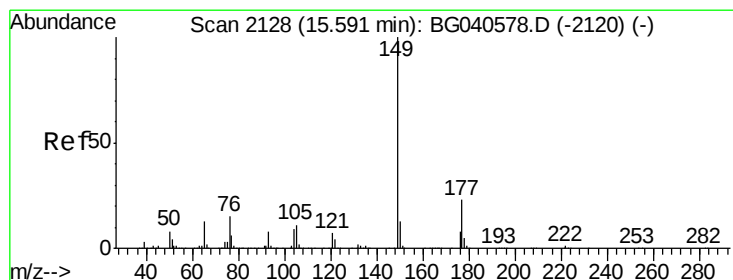
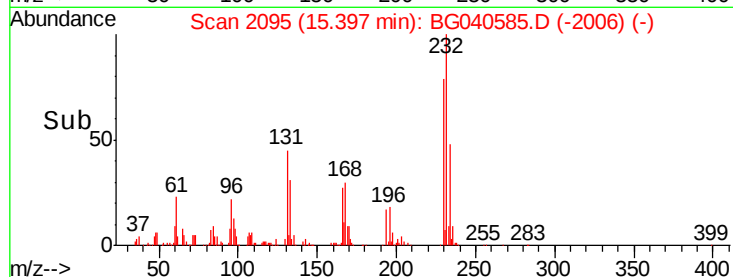
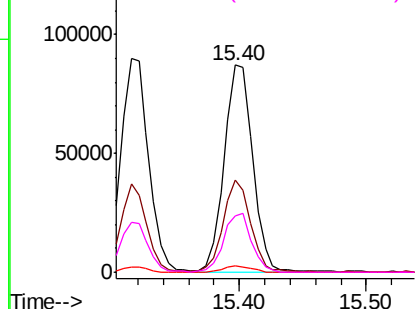
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.000 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG040585.D
 Acq: 24 Apr 2019 9:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	135635
Ion Ratio	Lower	Upper
232	100	
131	43.1	33.0 49.4
130	2.9	2.0 3.0
166	27.9	22.1 33.1

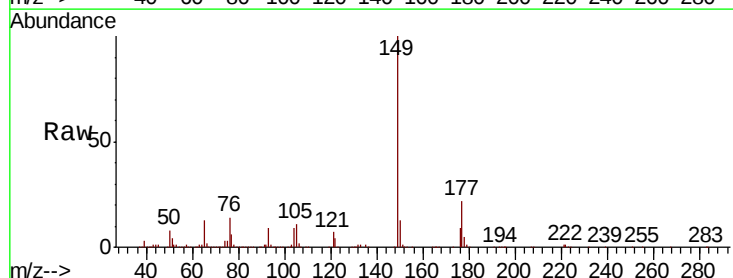


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

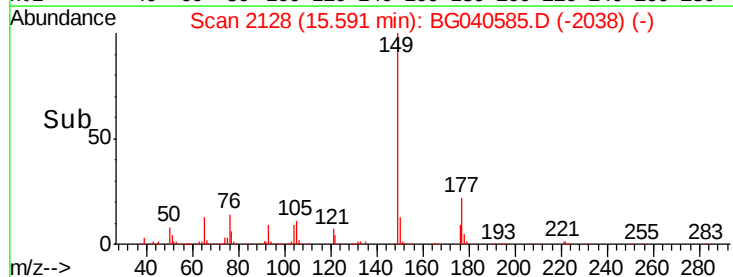
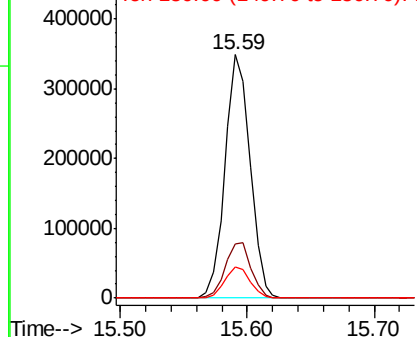


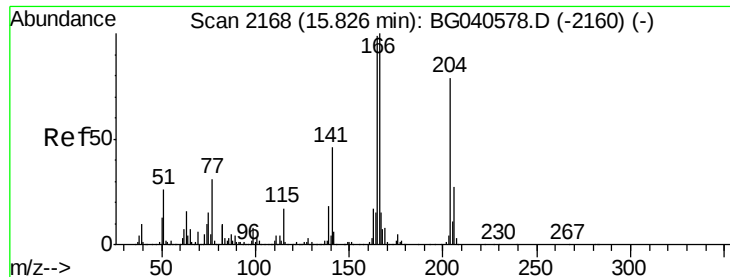
#60
 Diethylphthalate
 Concen: 39.317 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG040585.D
 Acq: 24 Apr 2019 9:41

Tgt Ion:149	Resp:	476804
Ion Ratio	Lower	Upper
149	100	
177	22.1	18.5 27.7
150	12.8	10.2 15.4



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

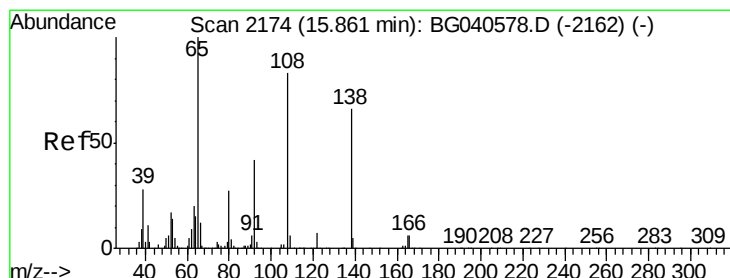
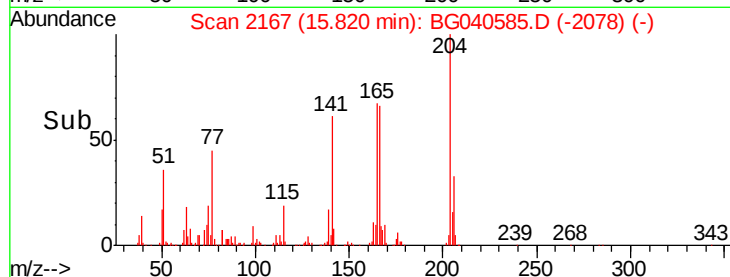
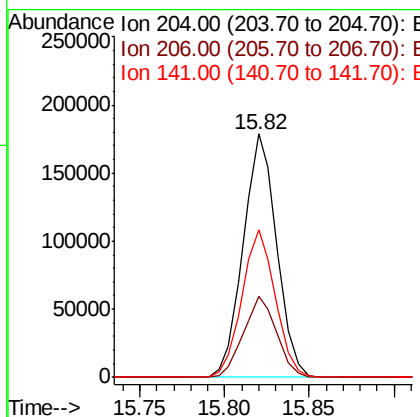
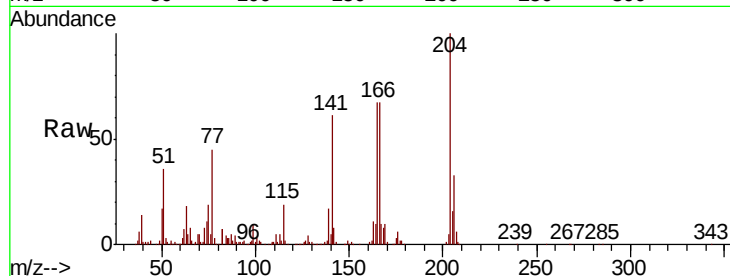




#61
4-Chlorophenyl-phenylether
Concen: 38.731 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

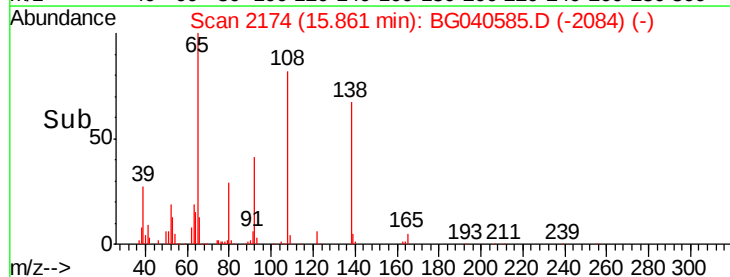
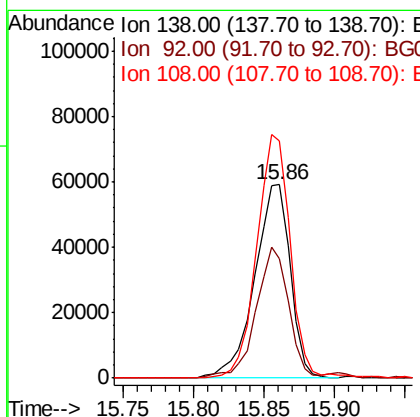
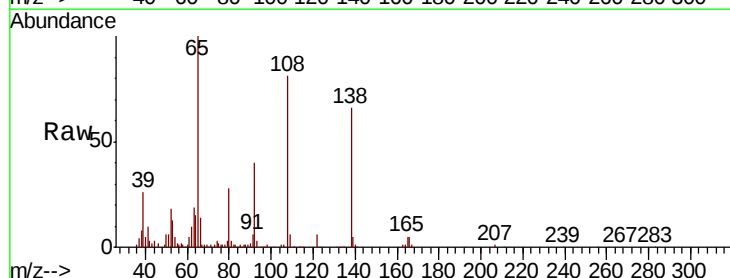
Instrument :
BNA_G
ClientSampleId :

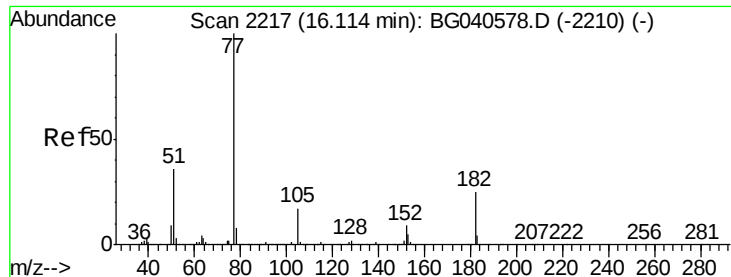
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	27.4	41.2
141	60.8	46.0	69.0



#62
4-Nitroaniline
Concen: 40.810 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.6	43.9	83.9
108	122.7	106.5	146.5





#63

Azobenzene

Concen: 40.557 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 506520

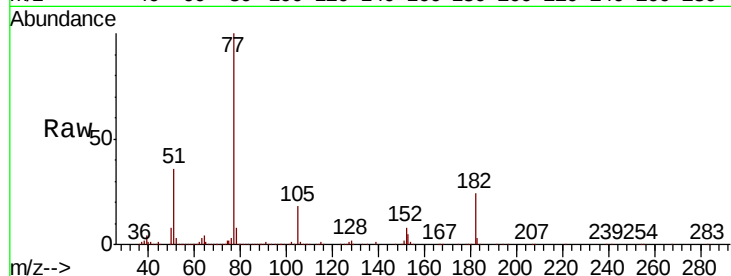
Ion Ratio Lower Upper

77 100

182 23.6 5.0 45.0

105 17.7 0.0 37.6

51 36.3 16.3 56.3

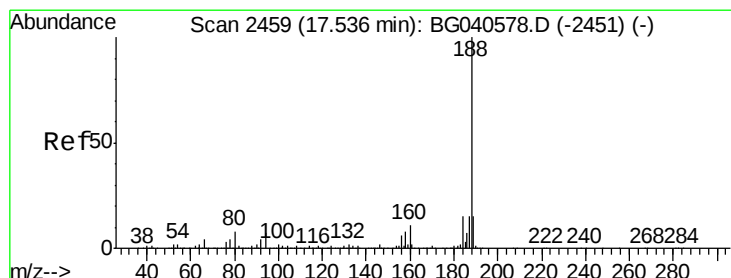
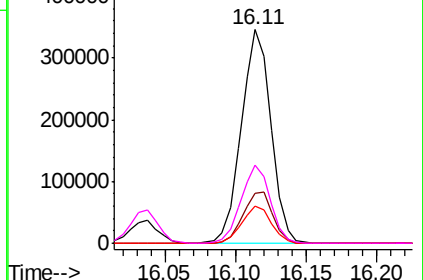
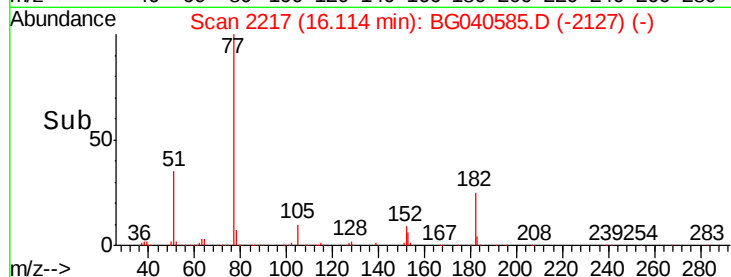


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.54 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

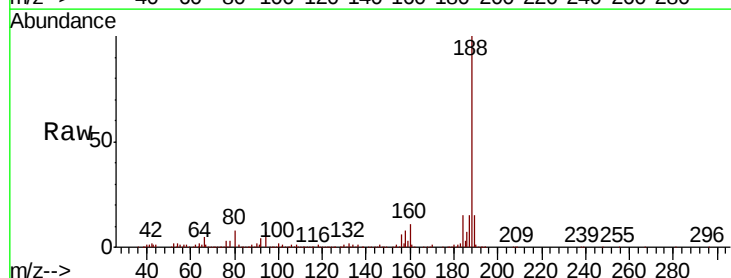
Tgt Ion: 188 Resp: 341617

Ion Ratio Lower Upper

188 100

94 6.9 5.6 8.4

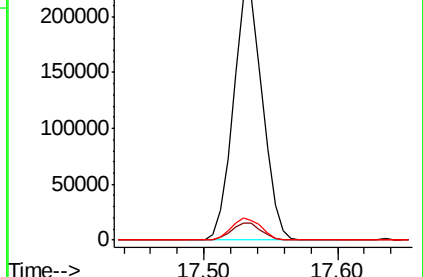
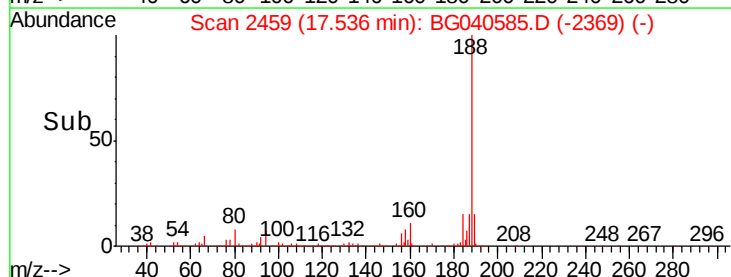
80 8.3 6.4 9.6

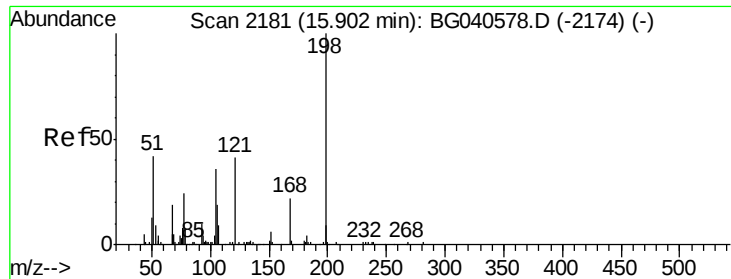


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 40.625 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

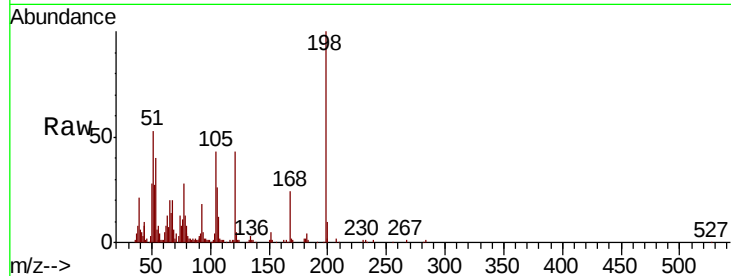
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 66227

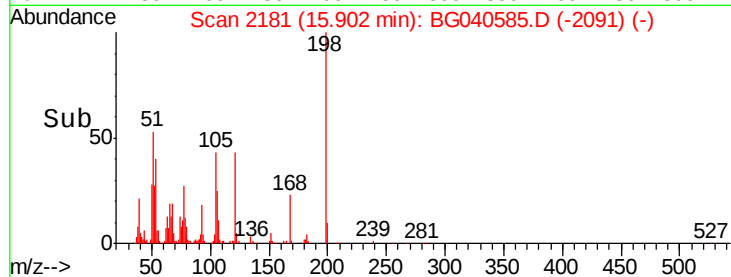
Ion	Ratio	Lower	Upper
198	100		
51	52.9	35.9	75.9
105	42.6	21.2	61.2



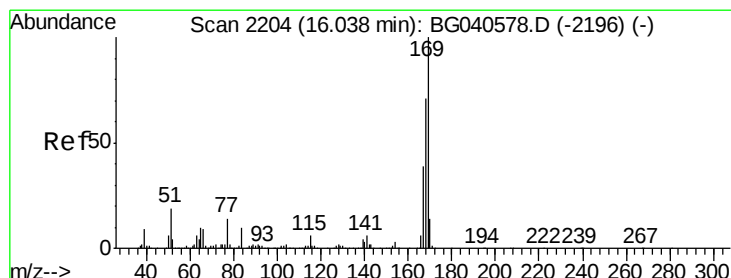
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG040585.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): BG040585.D (-2174) (-)



Time--> 15.80 15.85 15.90 15.95



#66

n-Nitrosodiphenylamine

Concen: 38.789 ng

RT: 16.04 min Scan# 2204

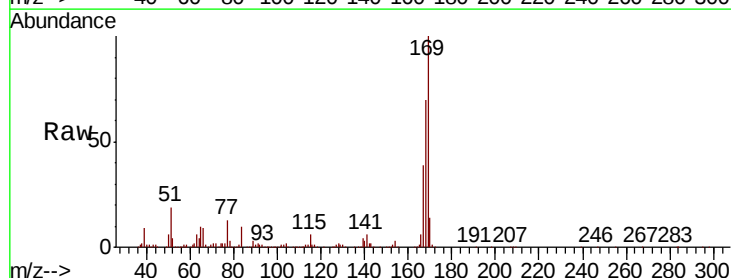
Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Tgt Ion:169 Resp: 389862

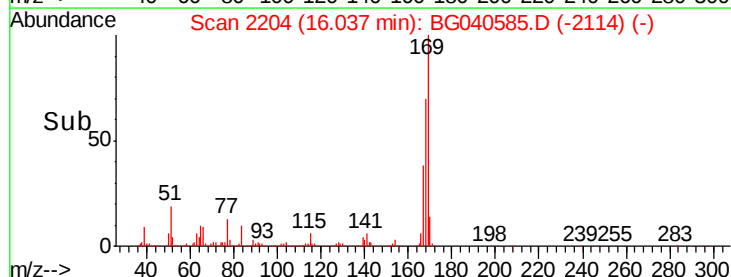
Ion	Ratio	Lower	Upper
169	100		
168	70.3	56.8	85.2
167	38.5	31.4	47.0



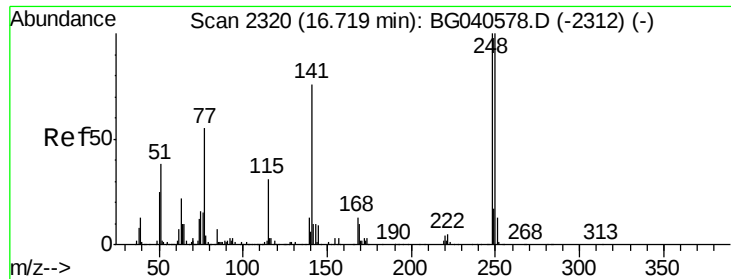
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG040585.D (-2196) (-)

Ion 167.00 (166.70 to 167.70): BG040585.D (-2196) (-)



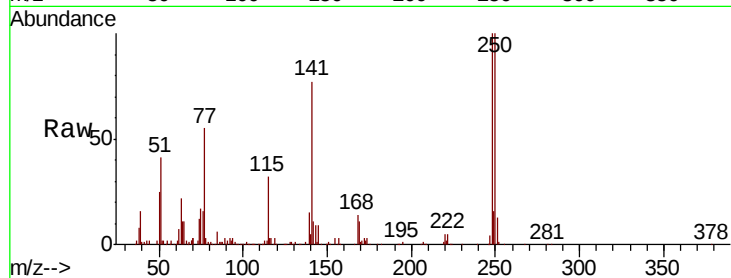
Time--> 16.00 16.10



#67
4-Bromophenyl-phenylether
Concen: 38.451 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	79.8	119.6
141	76.8	60.8	91.2

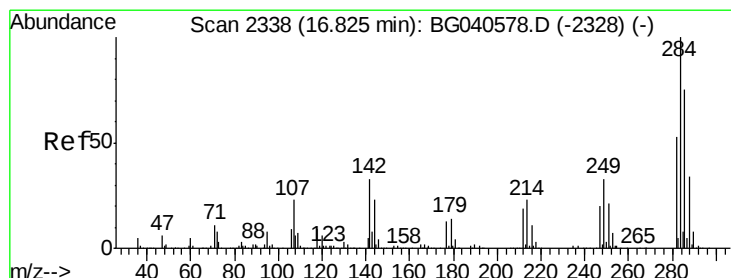
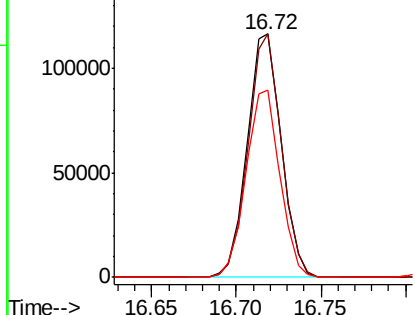
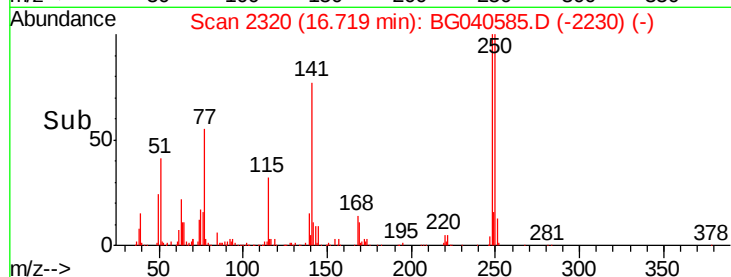


Abundance

Ion 248.00 (247.70 to 248.70): E

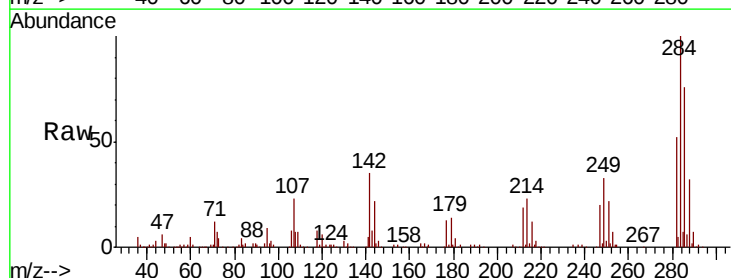
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.562 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	26.6	40.0
249	33.5	26.0	39.0

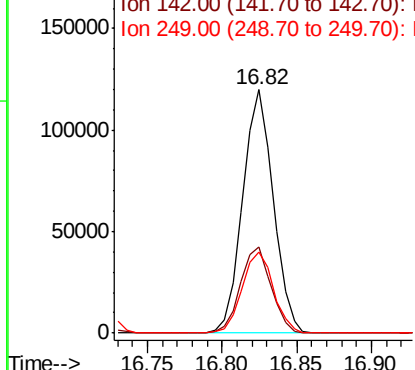
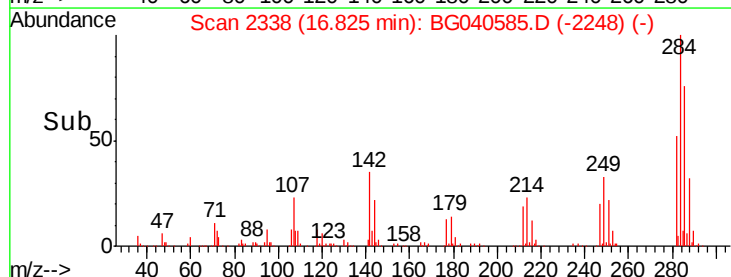


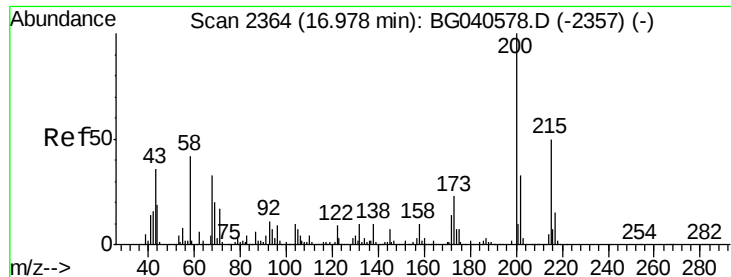
Abundance

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: 39.326 ng

RT: 16.98 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Instrument :

BNA_G

ClientSampleId :

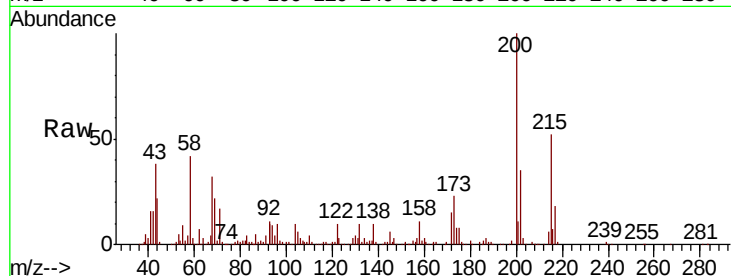
Tot Ion:200 Resp: 156599

Ion Ratio Lower Upper

200 100

173 22.5 2.8 42.8

215 51.8 30.2 70.2

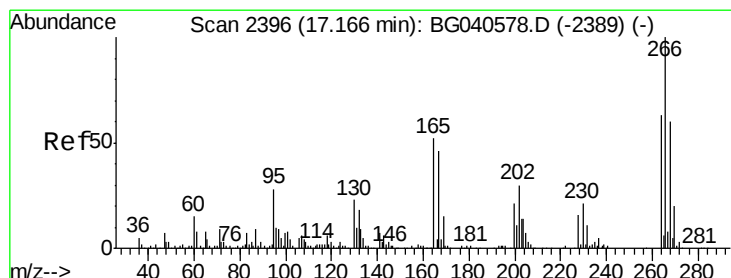
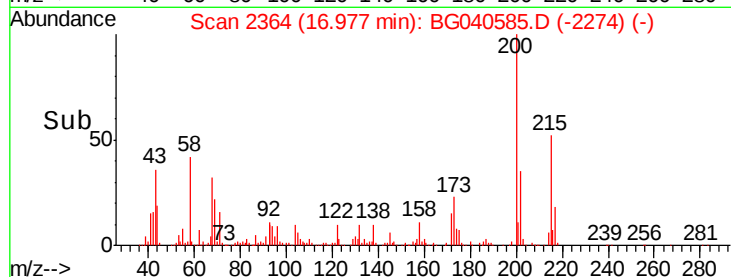
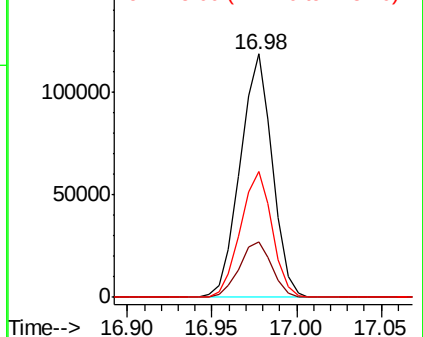


Abundance

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: 41.553 ng

RT: 17.17 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

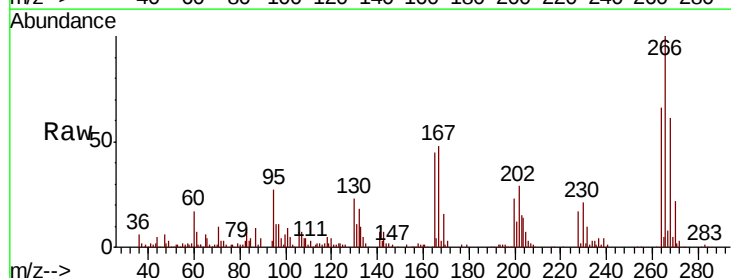
Tgt Ion:266 Resp: 107007

Ion Ratio Lower Upper

266 100

268 66.7 52.3 78.5

264 66.3 50.0 75.0

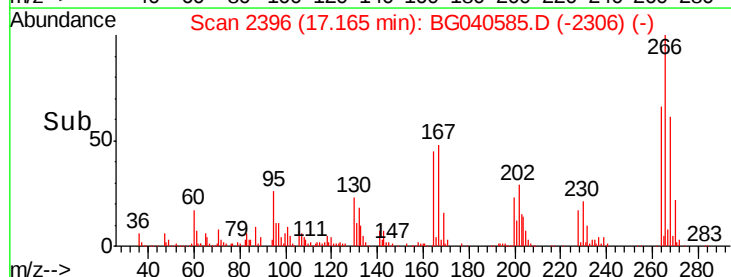
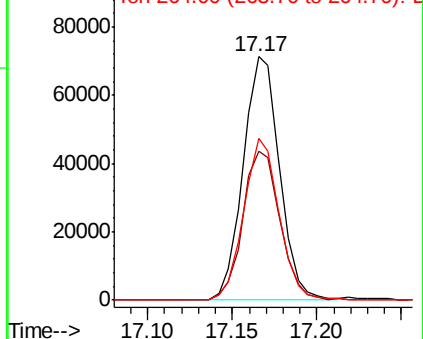


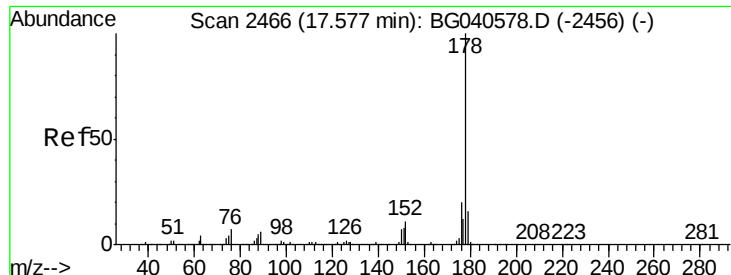
Abundance

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

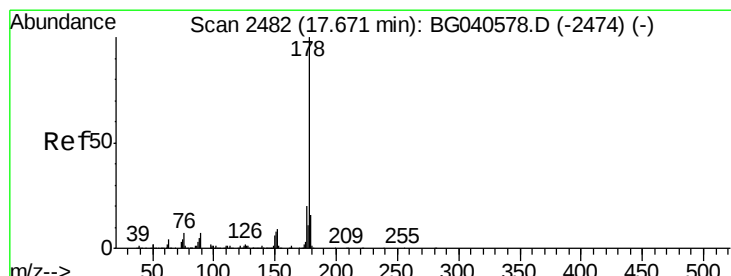
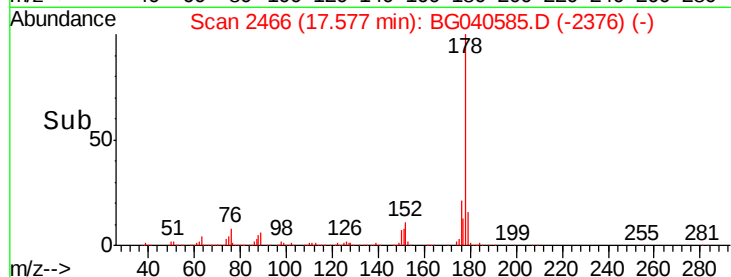
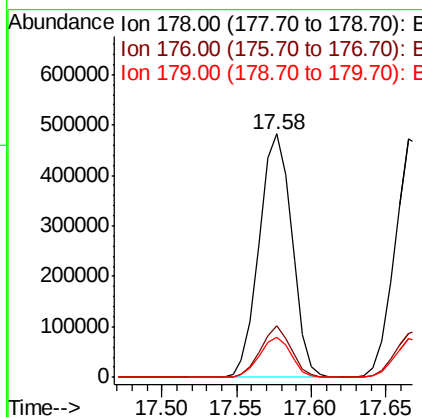
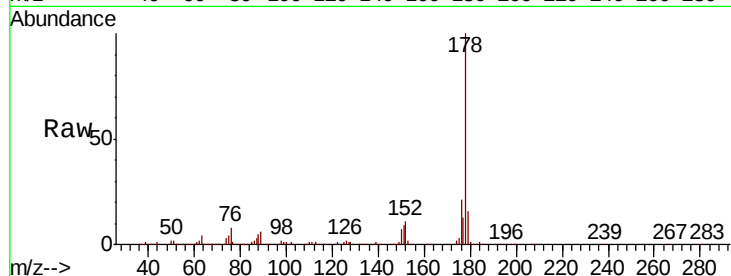




#71
Phenanthrene
Concen: 39.719 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

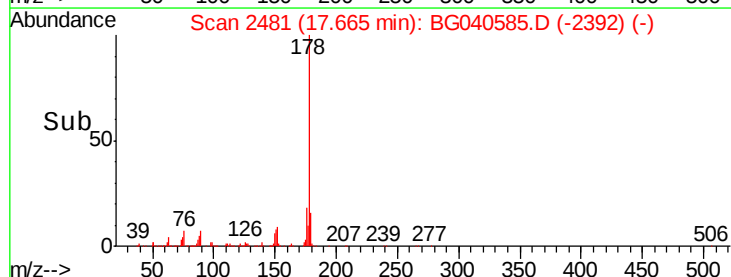
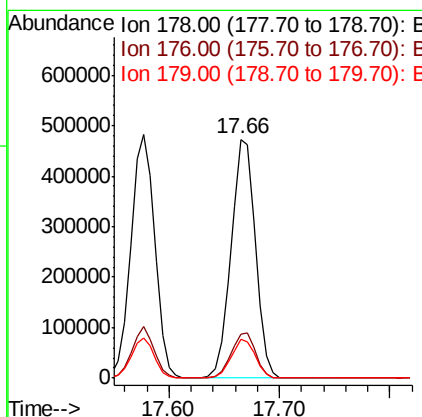
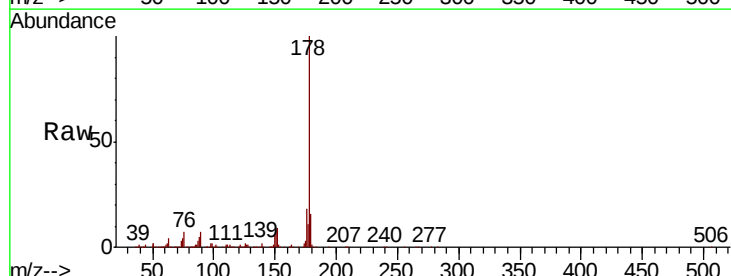
Instrument :
BNA_G
ClientSampleId :

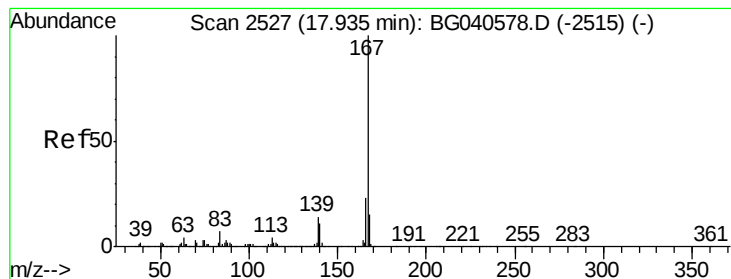
Tot Ion:178 Resp: 730848
Ion Ratio Lower Upper
178 100
176 21.0 15.8 23.6
179 16.3 12.6 18.8



#72
Anthracene
Concen: 39.645 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

Tgt Ion:178 Resp: 733254
Ion Ratio Lower Upper
178 100
176 18.5 15.6 23.4
179 16.1 12.9 19.3





#73

Carbazole

Concen: 39.655 ng

RT: 17.94 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Instrument :

BNA_G

ClientSampleId :

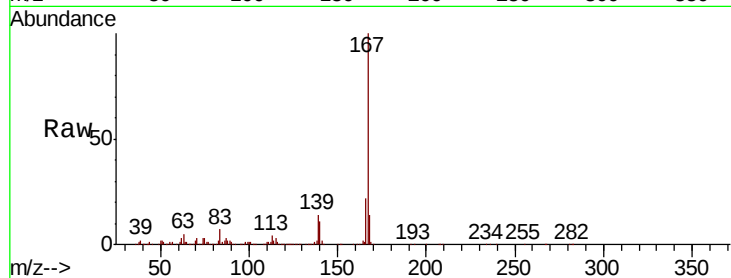
Tot Ion:167 Resp: 668224

Ion Ratio Lower Upper

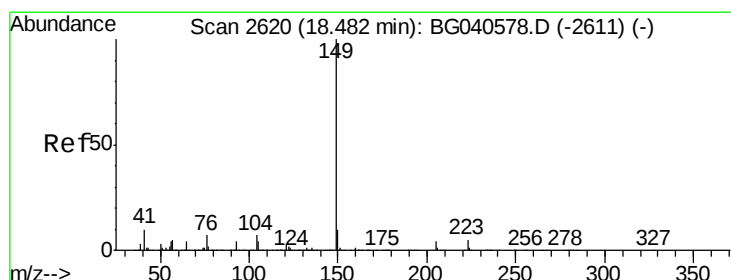
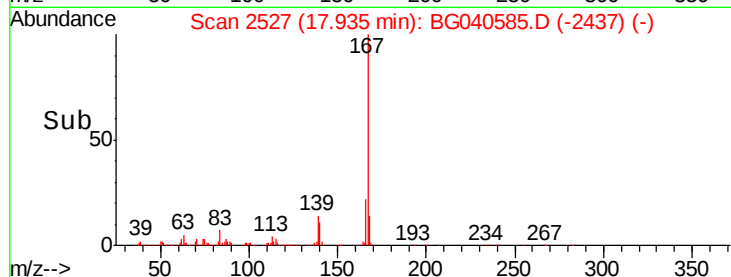
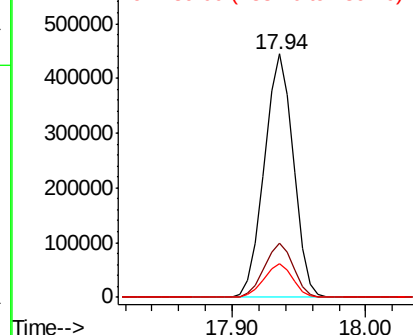
167 100

166 22.5 18.2 27.4

139 13.9 11.4 17.0



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: 39.943 ng

RT: 18.48 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

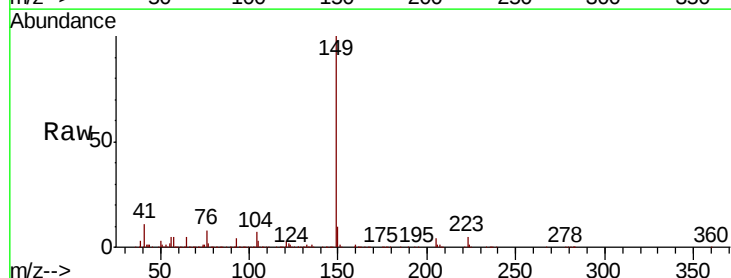
Tgt Ion:149 Resp: 812398

Ion Ratio Lower Upper

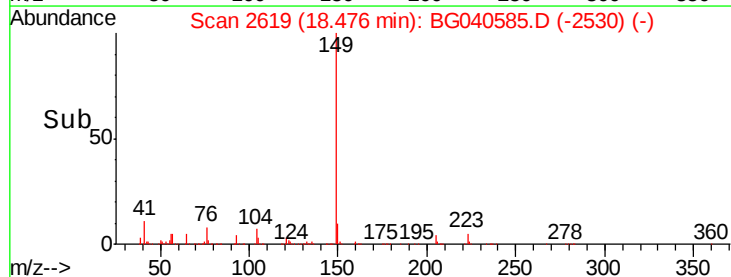
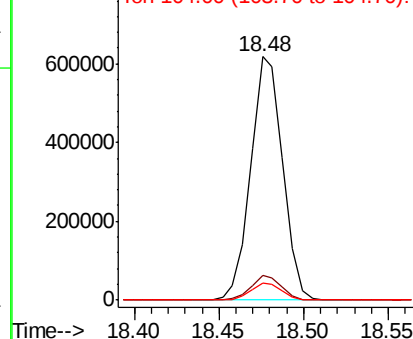
149 100

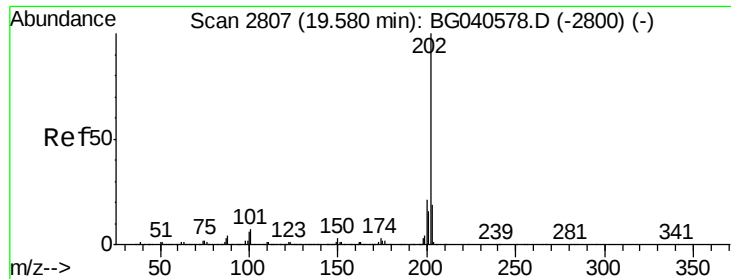
150 9.9 8.2 12.2

104 7.3 5.4 8.2



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: 40.040 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Instrument :

BNA_G

ClientSampleId :

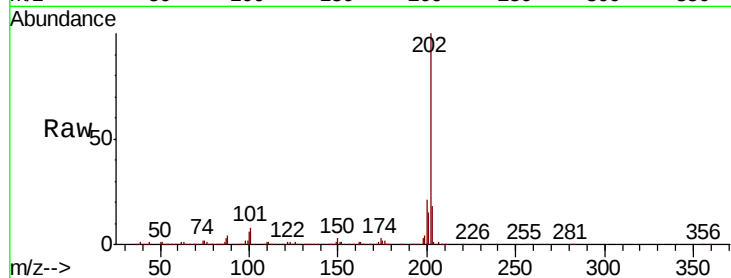
Tot Ion:202 Resp: 918109

Ion Ratio Lower Upper

202 100

101 7.6 0.0 27.5

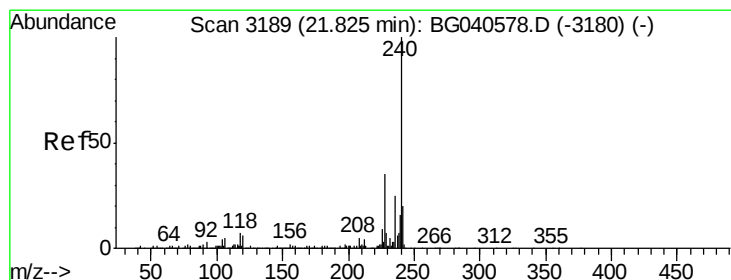
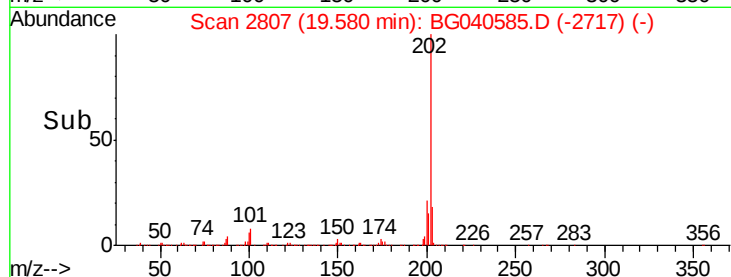
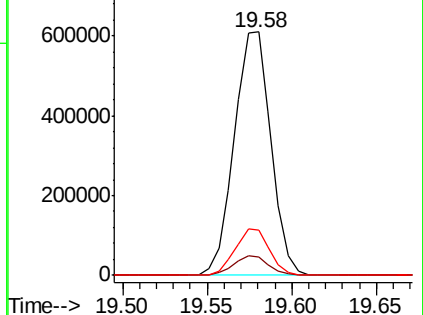
203 18.5 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

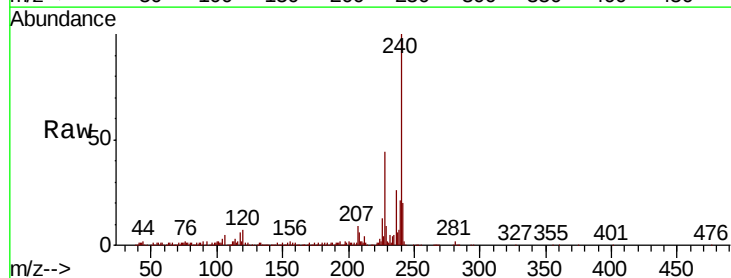
Tgt Ion:240 Resp: 329913

Ion Ratio Lower Upper

240 100

120 6.6 5.0 7.6

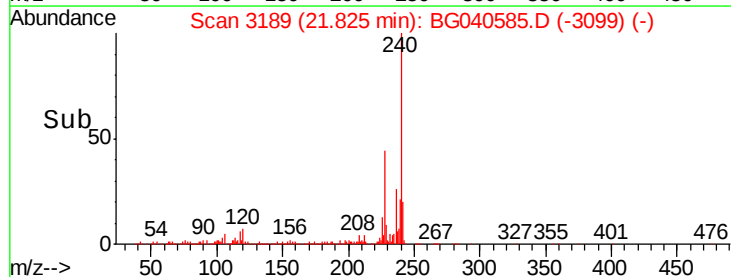
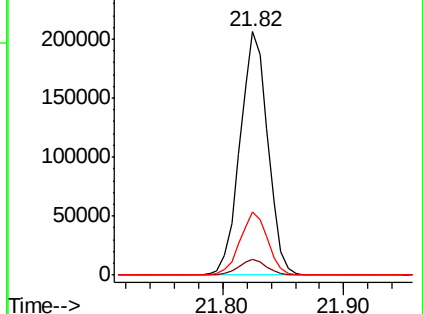
236 25.9 20.3 30.5

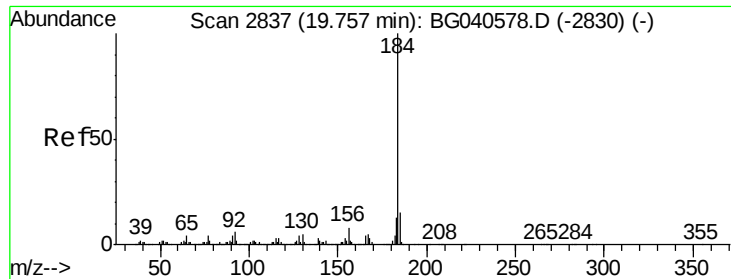


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.781 ng

RT: 19.76 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

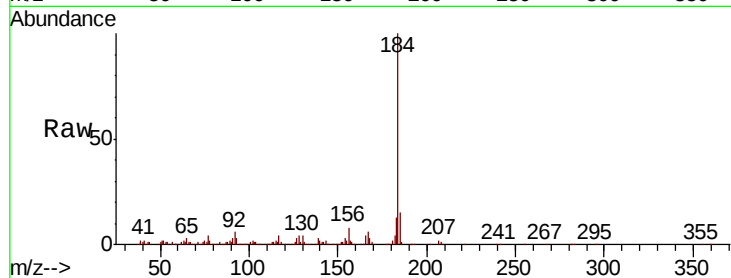
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 449679

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.8	17.8
183	13.3	10.2	15.2

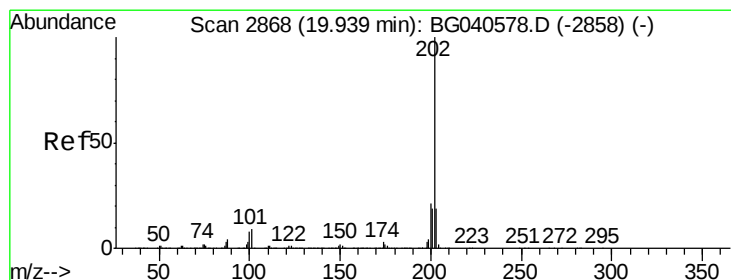
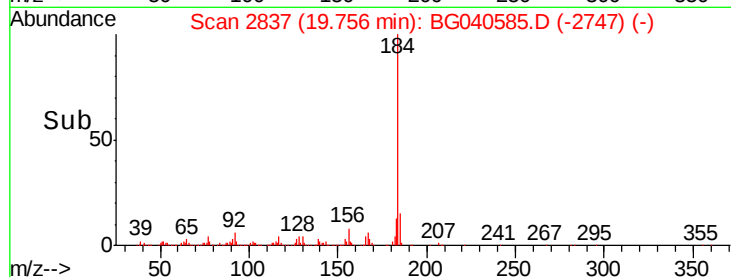
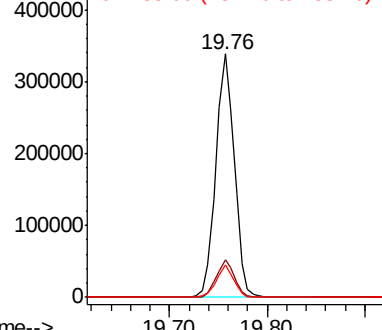


Abundance

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: 45.181 ng

RT: 19.94 min Scan# 2868

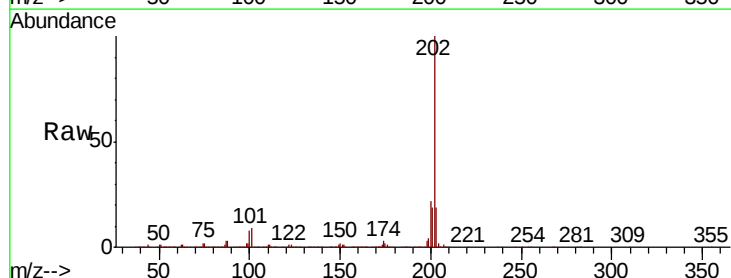
Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Tgt Ion:202 Resp: 934222

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	18.9	15.0	22.4

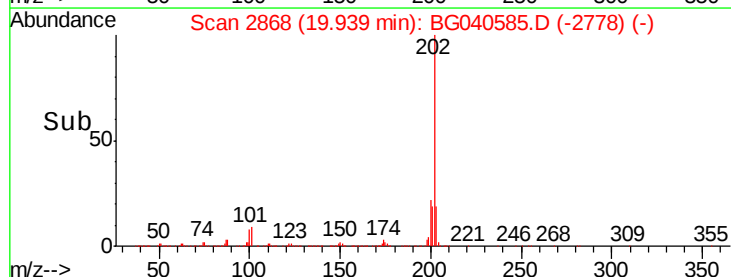
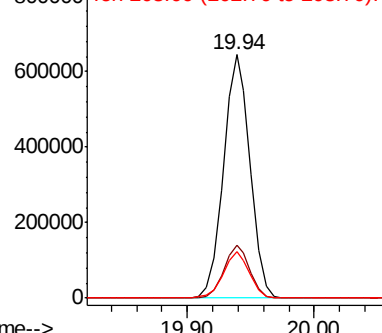


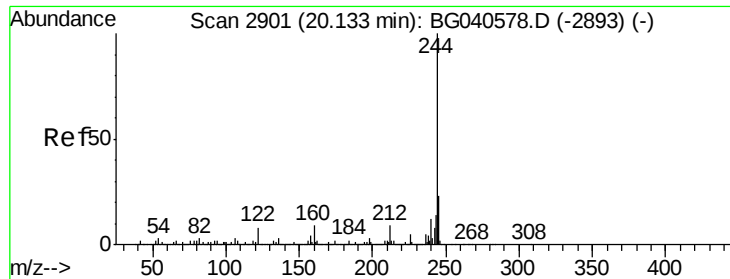
Abundance

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: 91.288 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Instrument :

BNA_G

ClientSampled :

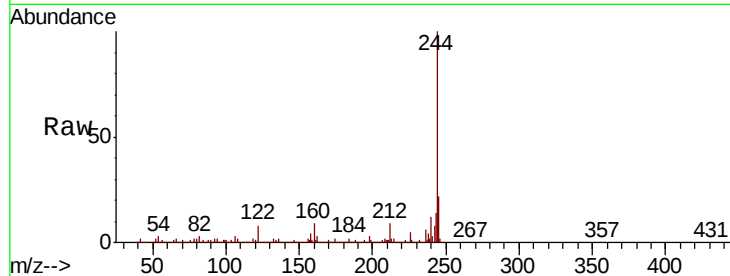
Tot Ion:244 Resp: 1359428

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

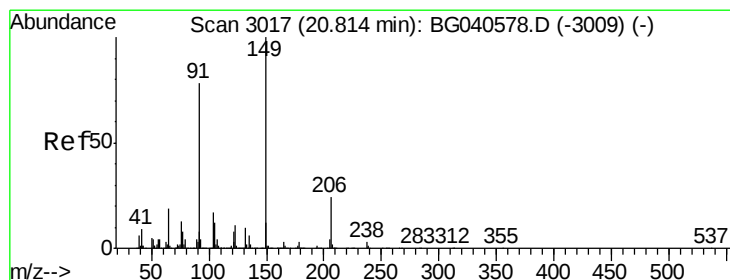
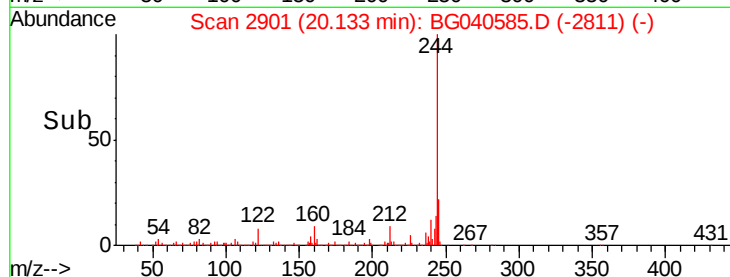
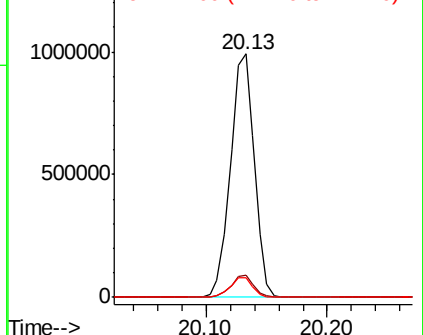
122 7.8 6.6 10.0



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: 44.532 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

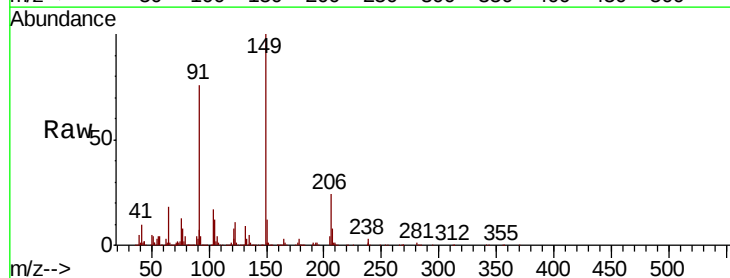
Tgt Ion:149 Resp: 358888

Ion Ratio Lower Upper

149 100

91 76.4 62.6 93.8

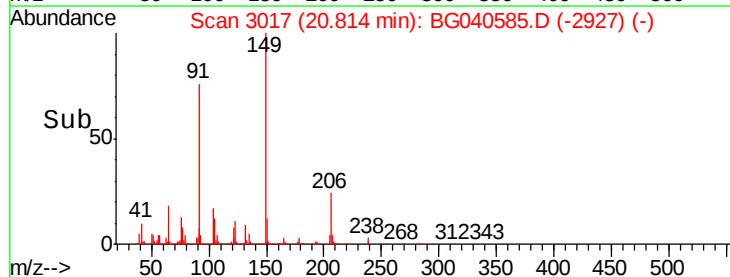
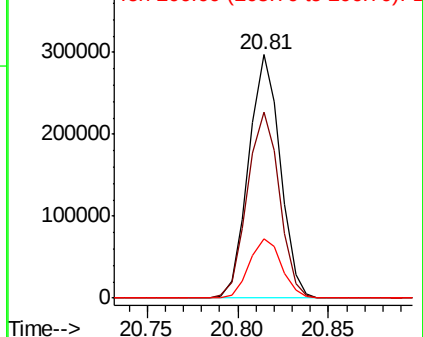
206 24.2 19.4 29.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.914 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

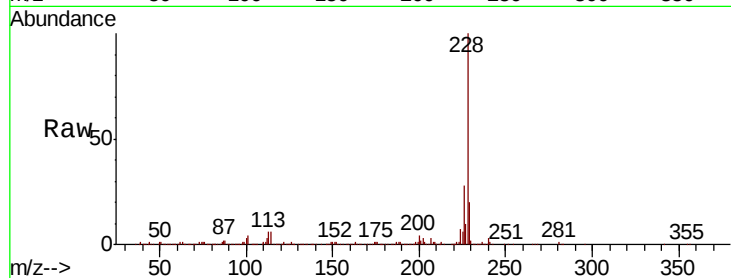
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 915635

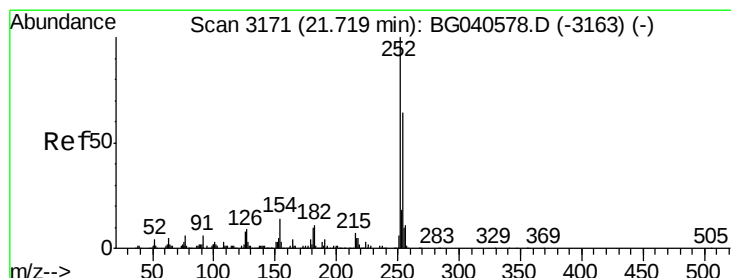
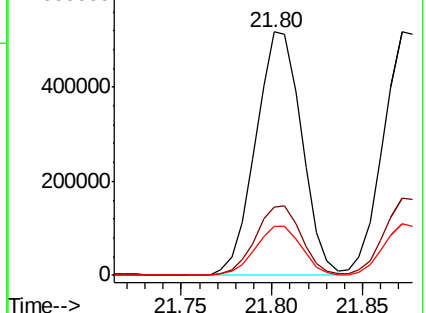
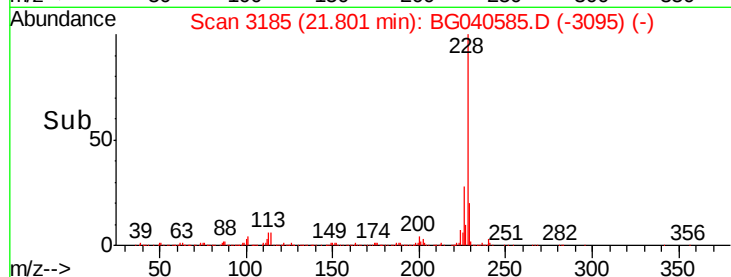
Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.1	34.7
229	20.0	17.0	25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 44.784 ng

RT: 21.71 min Scan# 3170

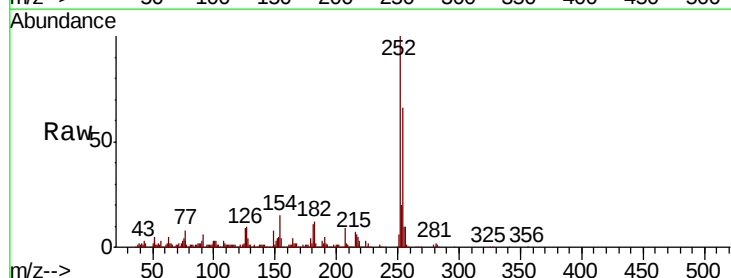
Delta R.T. -0.01 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Tgt Ion:252 Resp: 332826

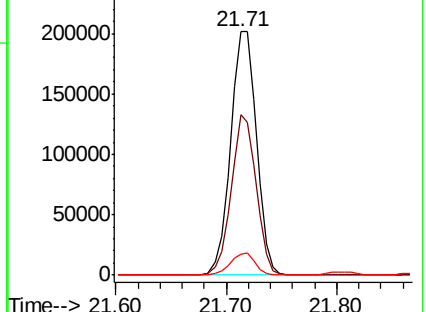
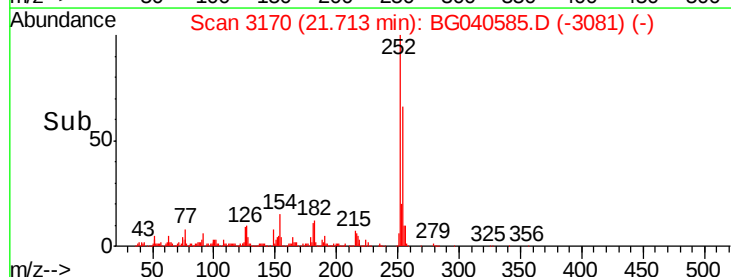
Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.2	76.8
126	8.8	6.6	10.0

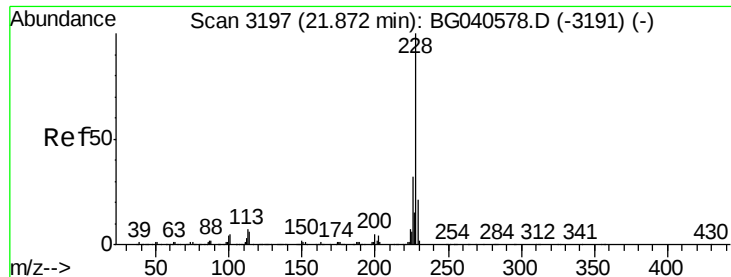


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.283 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

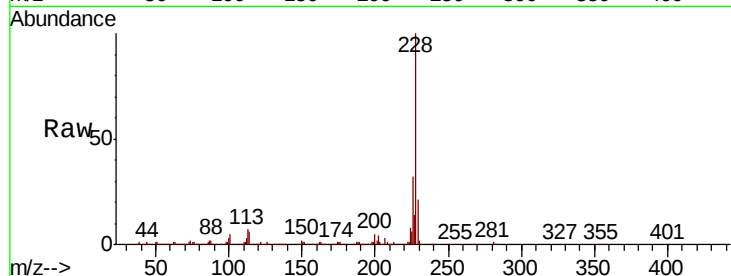
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 878124

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.5	38.3
229	21.2	16.8	25.2

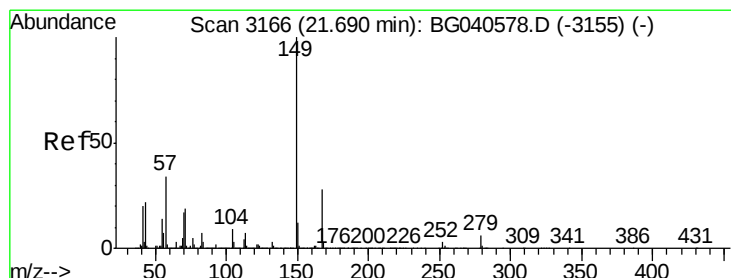
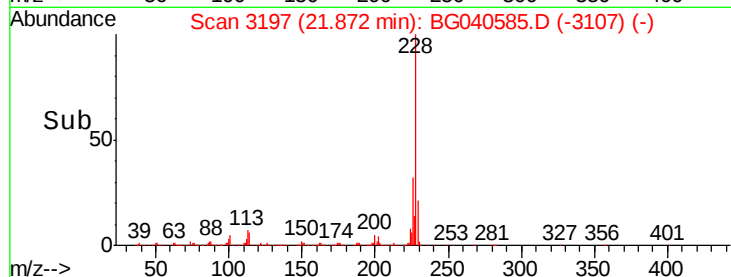
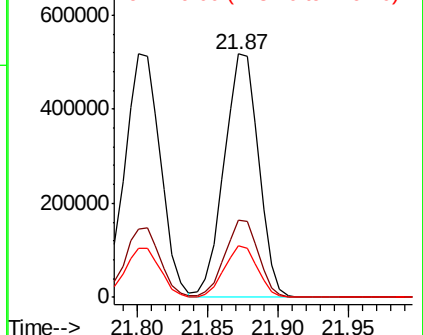


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.235 ng

RT: 21.69 min Scan# 3166

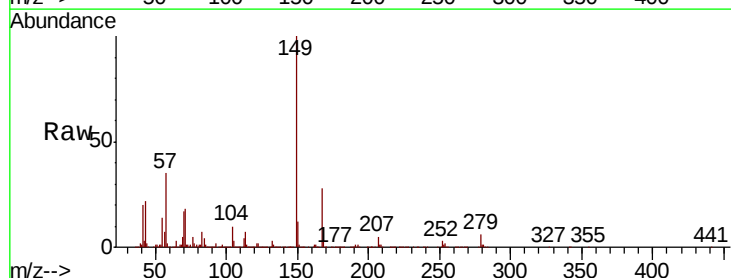
Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Tgt Ion:149 Resp: 514606

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.4	33.6
279	5.6	4.6	6.8

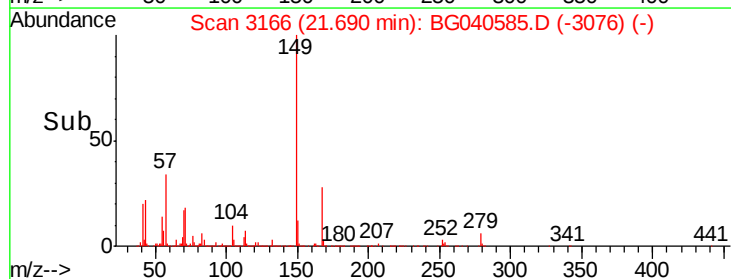
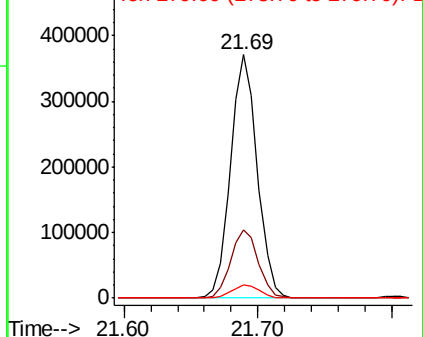


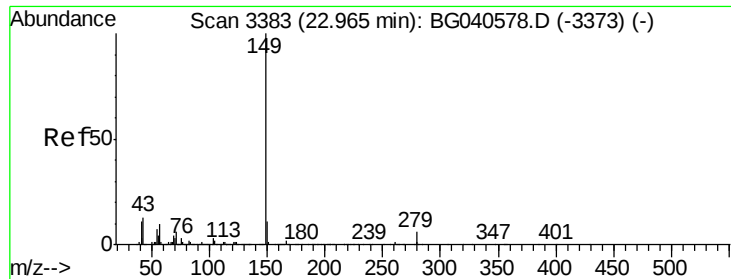
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

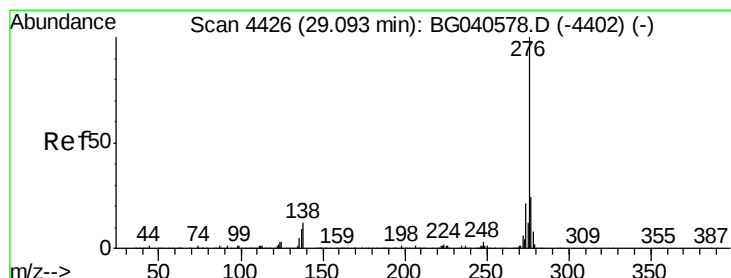
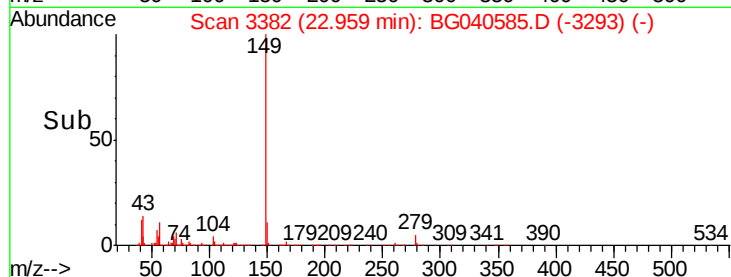
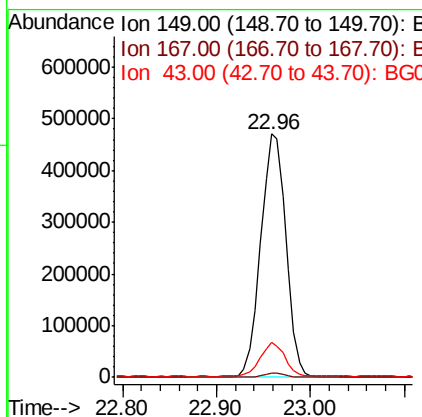
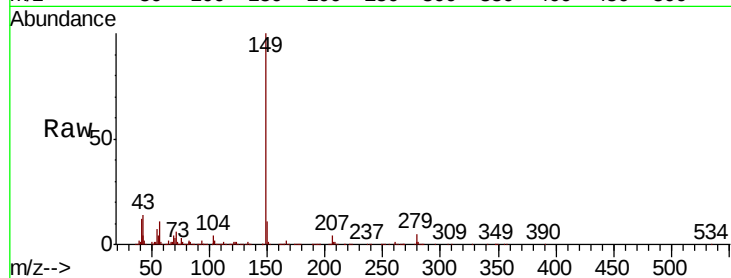




#85
Di-n-octyl phthalate
Concen: 44.472 ng
RT: 22.96 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

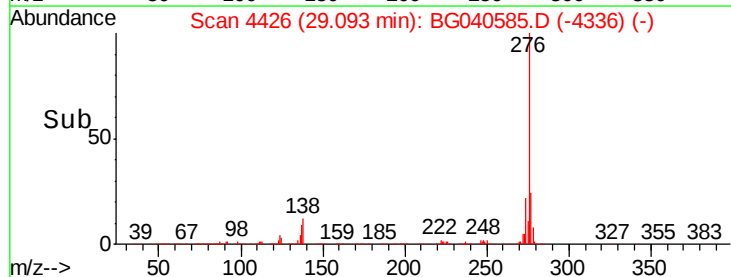
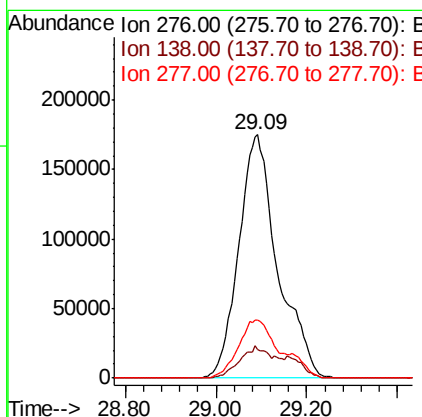
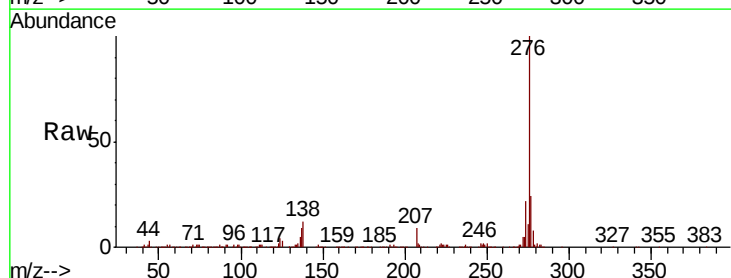
Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 871299
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 13.7 10.2 15.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.410 ng
RT: 29.09 min Scan# 4426
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

Tgt Ion:276 Resp: 1040766
Ion Ratio Lower Upper
276 100
138 11.0 9.8 14.6
277 26.1 17.3 25.9#

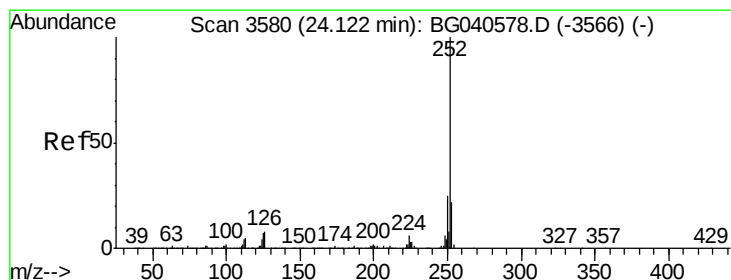
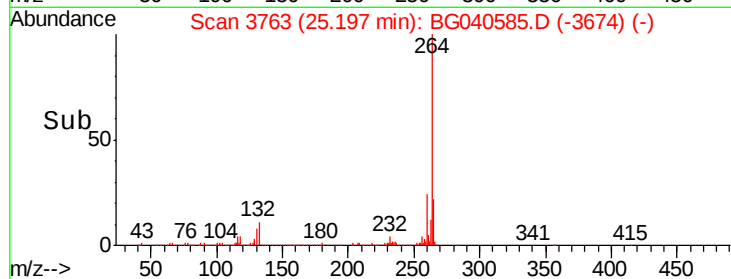
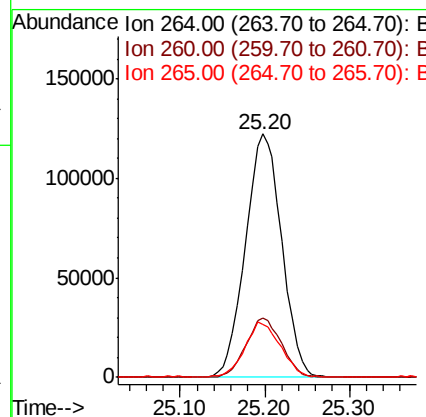
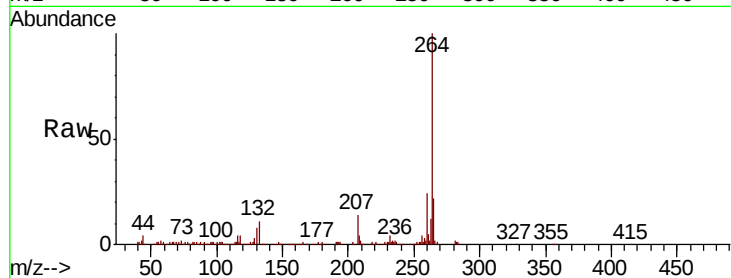




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3763
Delta R.T. -0.01 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

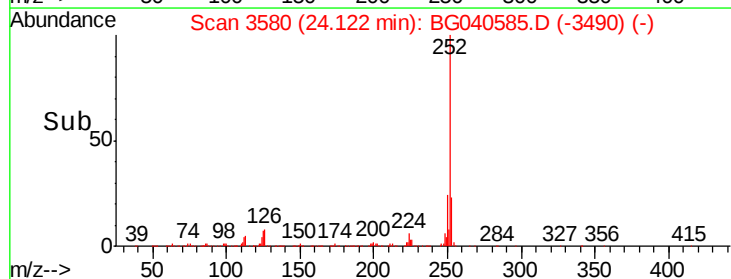
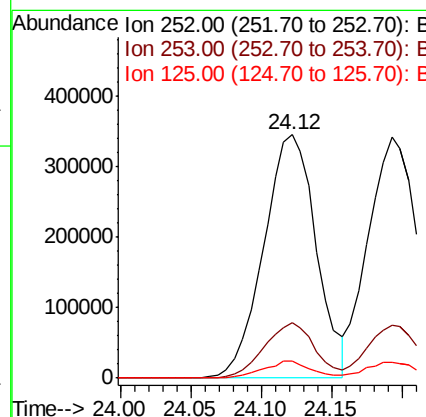
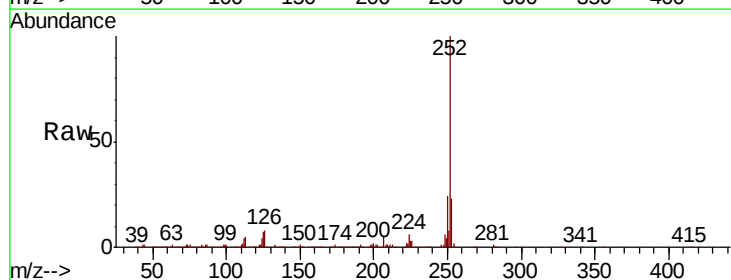
Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 363550
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.6 16.6 25.0



#88
Benzo(b)fluoranthene
Concen: 40.397 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

Tgt Ion:252 Resp: 897451
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 6.8 5.4 8.0

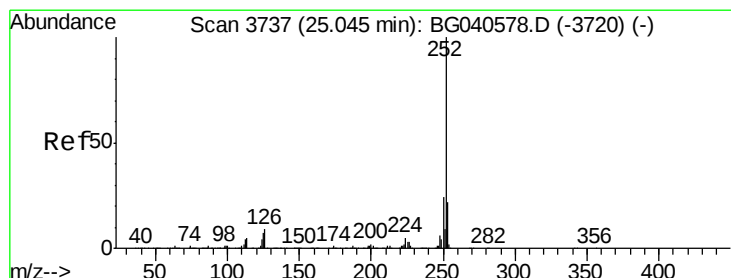
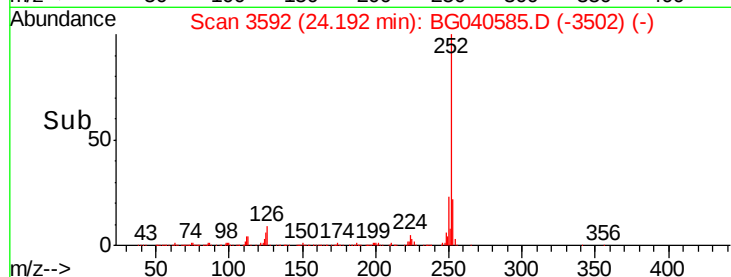
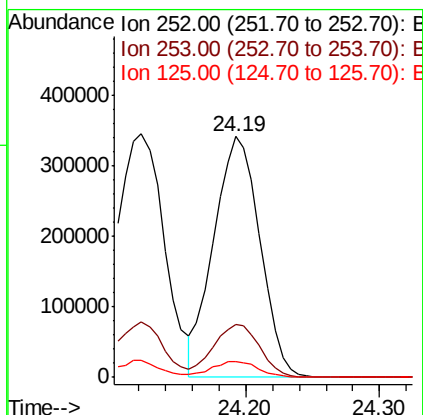
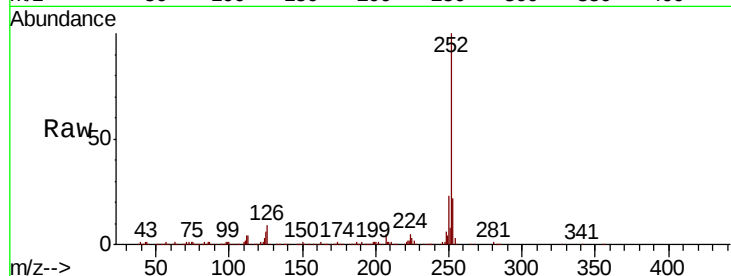




#89
Benzo(k)fluoranthene
Concen: 39.776 ng
RT: 24.19 min Scan# 3592
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

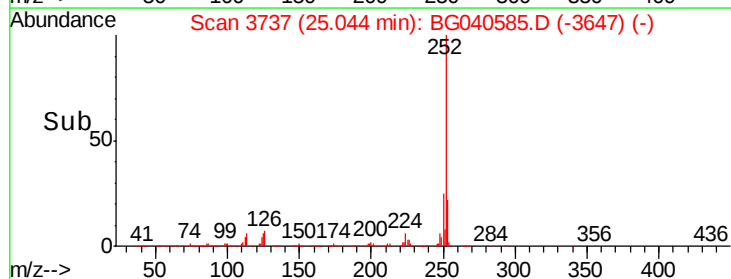
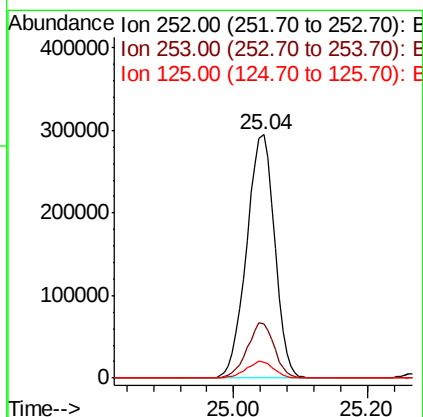
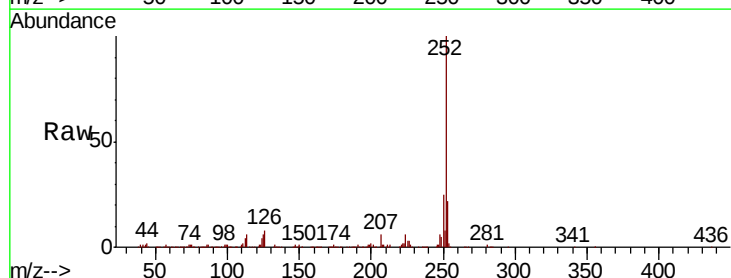
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	6.4	5.5	8.3



#90
Benzo(a)pyrene
Concen: 40.276 ng
RT: 25.04 min Scan# 3737
Delta R.T. -0.00 min
Lab File: BG040585.D
Acq: 24 Apr 2019 9:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	6.2	5.7	8.5





#91

Dibenzo(a,h)anthracene

Concen: 39.340 ng

RT: 29.17 min Scan# 4439

Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

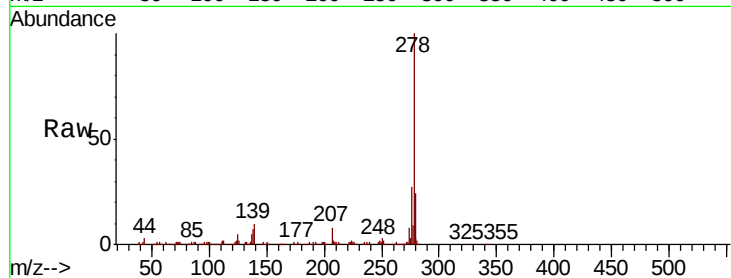
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 837189

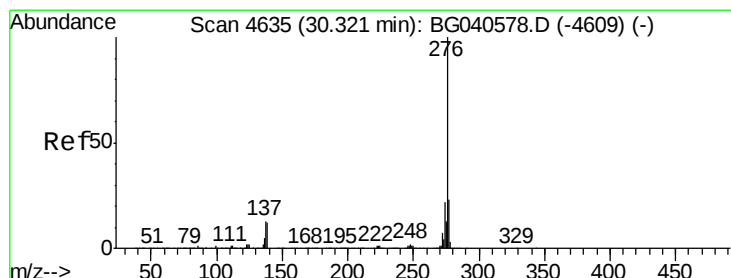
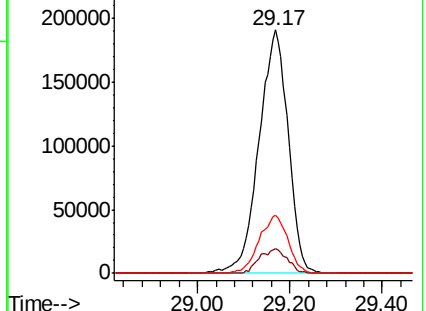
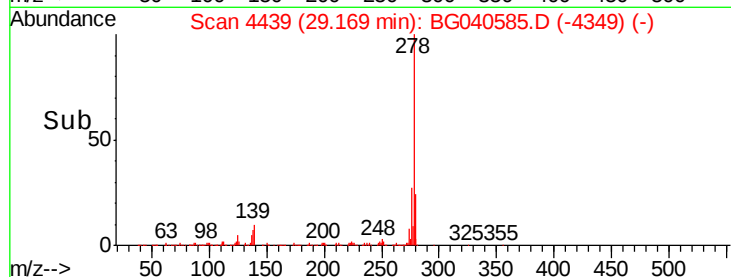
Ion	Ratio	Lower	Upper
278	100		
139	10.4	8.2	12.4
279	24.0	18.5	27.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.618 ng

RT: 30.32 min Scan# 4635

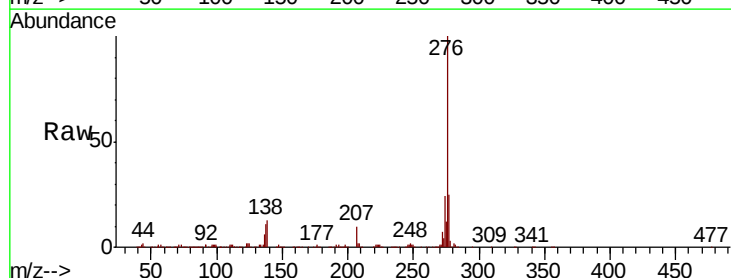
Delta R.T. -0.00 min

Lab File: BG040585.D

Acq: 24 Apr 2019 9:41

Tgt Ion:276 Resp: 839090

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.4	27.6
138	12.7	9.8	14.6



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

