

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040789.D
 Acq On : 8 May 2019 14:31
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 08 17:51:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 08 17:46:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	53722	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	232616	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	172487	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	426902	20.00	ng	0.00
76) Chrysene-d12	21.80	240	469845	20.00	ng	0.00
87) Perylene-d12	25.16	264	447684	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	240793	79.01	ng	0.00
7) Phenol-d6	7.28	99	381220	81.24	ng	0.00
23) Nitrobenzene-d5	9.32	82	443754	88.15	ng	0.00
42) 2,4,6-Tribromophenol	16.26	330	214907	90.64	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	967353	80.99	ng	0.00
79) Terphenyl-d14	20.11	244	1678513	79.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	50276	36.274	ng	100
3) Pyridine	3.95	79	160977	40.071	ng	100
4) n-Nitrosodimethylamine	3.87	42	86735	38.924	ng	100
6) Aniline	7.46	93	239762	38.549	ng	100
8) 2-Chlorophenol	7.70	128	145305	39.047	ng	100
9) Benzaldehyde	7.28	77	117063	42.240	ng	100
10) Phenol	7.31	94	204662	40.574	ng	100
11) bis(2-Chloroethyl)ether	7.56	93	146029	38.606	ng	100
12) 1,3-Dichlorobenzene	8.03	146	160937	39.623	ng	100
13) 1,4-Dichlorobenzene	8.18	146	162487	39.463	ng	100
14) 1,2-Dichlorobenzene	8.50	146	156177	39.331	ng	100
15) Benzyl Alcohol	8.38	79	186285	38.153	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.66	45	251021	33.333	ng	100
17) 2-Methylphenol	8.57	107	140432	39.340	ng	100
18) Hexachloroethane	9.23	117	62616	37.072	ng	100
19) n-Nitroso-di-n-propylamine	8.95	70	153170	36.262	ng	100
20) 3+4-Methylphenols	8.90	107	198535	39.924	ng	100
22) Acetophenone	8.97	105	263794	40.782	ng	100
24) Nitrobenzene	9.37	77	227808	42.412	ng	100
25) Isophorone	9.88	82	434003	38.702	ng	100
26) 2-Nitrophenol	10.07	139	94714	49.192	ng	100
27) 2,4-Dimethylphenol	10.11	122	144799	40.082	ng	100
28) bis(2-Chloroethoxy)methane	10.36	93	220526	39.196	ng	100
29) 2,4-Dichlorophenol	10.60	162	180448	43.937	ng	100
30) 1,2,4-Trichlorobenzene	10.82	180	196211	43.082	ng	100
31) Naphthalene	11.02	128	506169	40.958	ng	100
32) Benzoic acid	10.24	122	108202	43.752	ng	100
33) 4-Chloroaniline	11.12	127	225357	41.129	ng	100
34) Hexachlorobutadiene	11.28	225	148153	44.062	ng	100
35) Caprolactam	11.92	113	65416	40.343	ng	100
36) 4-Chloro-3-methylphenol	12.22	107	219450	42.356	ng	100
37) 2-Methylnaphthalene	12.62	142	386773	41.859	ng	100
38) 1-Methylnaphthalene	12.83	142	373647	41.371	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	270993	42.174	ng	100

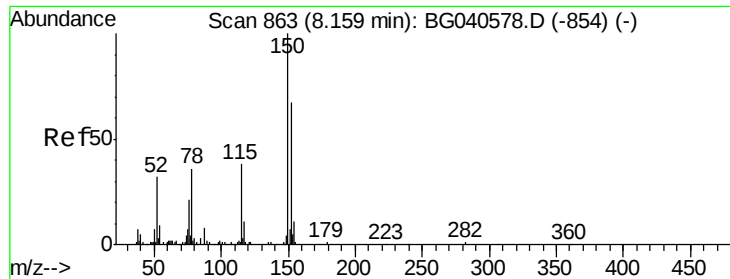
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040789.D
 Acq On : 8 May 2019 14:31
 Operator : HP/JU
 Sample : SSTDC0040
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	125627	33.133	ng	100
43) 2,4,6-Trichlorophenol	13.20	196	167926	43.246	ng	100
44) 2,4,5-Trichlorophenol	13.27	196	186782	44.157	ng	100
46) 1,1'-Biphenyl	13.61	154	529746	39.557	ng	100
47) 2-Chloronaphthalene	13.65	162	420634	40.135	ng	100
48) 2-Nitroaniline	13.86	65	169249	45.367	ng	100
49) Acenaphthylene	14.50	152	692844	38.965	ng	100
50) Dimethylphthalate	14.22	163	576713	39.962	ng	100
51) 2,6-Dinitrotoluene	14.35	165	127179	45.153	ng	100
52) Acenaphthene	14.84	154	404386	39.051	ng	100
53) 3-Nitroaniline	14.68	138	126721	43.910	ng	100
54) 2,4-Dinitrophenol	14.88	184	48989	35.150	ng	100
55) Dibenzofuran	15.17	168	696609	41.071	ng	100
56) 4-Nitrophenol	14.97	139	91401	36.525	ng	100
57) 2,4-Dinitrotoluene	15.13	165	185571	48.486	ng	100
58) Fluorene	15.82	166	551538	40.232	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	189784	44.576	ng	100
60) Diethylphthalate	15.57	149	589668	38.726	ng	100
61) 4-Chlorophenyl-phenylether	15.81	204	335911	42.130	ng	100
62) 4-Nitroaniline	15.85	138	135314	41.915	ng	100
63) Azobenzene	16.10	77	569930	36.345	ng	100
65) 4,6-Dinitro-2-methylphenol	15.89	198	85920	41.905	ng	100
66) n-Nitrosodiphenylamine	16.02	169	495087	39.418	ng	100
67) 4-Bromophenyl-phenylether	16.70	248	226277	42.545	ng	100
68) Hexachlorobenzene	16.81	284	236586	43.020	ng	100
69) Atrazine	16.96	200	190120	38.206	ng	100
70) Pentachlorophenol	17.15	266	129910	40.368	ng	100
71) Phenanthrene	17.56	178	924848	40.221	ng	100
72) Anthracene	17.65	178	927691	40.137	ng	100
73) Carbazole	17.92	167	812250	38.573	ng	100
74) Di-n-butylphthalate	18.46	149	967834	38.079	ng	100
75) Fluoranthene	19.56	202	1163358	40.600	ng	100
77) Benzidine	19.74	184	407335	31.663	ng	100
78) Pyrene	19.92	202	1170860	39.760	ng	100
80) Butylbenzylphthalate	20.79	149	438890	38.240	ng	100
81) Benzo(a)anthracene	21.78	228	1167505	39.317	ng	100
82) 3,3'-Dichlorobenzidine	21.69	252	394966	37.318	ng	100
83) Chrysene	21.85	228	1121061	39.697	ng	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	603782	36.443	ng	100
85) Di-n-octyl phthalate	22.91	149	1017361	36.462	ng	100
86) Indeno(1,2,3-cd)pyrene	29.01	276	1047684	30.684	ng	100
88) Benzo(b)fluoranthene	24.08	252	1102268	40.291	ng	100
89) Benzo(k)fluoranthene	24.15	252	1087249	42.555	ng	100
90) Benzo(a)pyrene	24.99	252	1044530	40.336	ng	100
91) Dibenzo(a,h)anthracene	29.08	278	798342	30.464	ng	100
92) Benzo(g,h,i)perylene	30.22	276	861960	33.049	ng	100

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

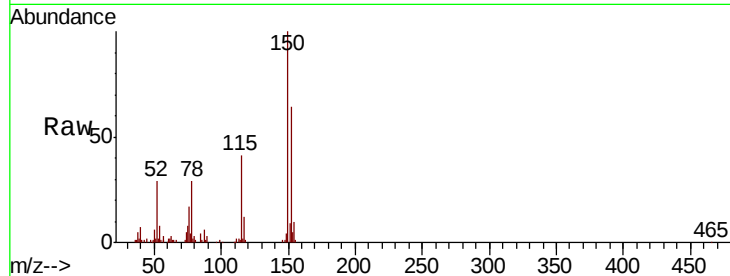


#1

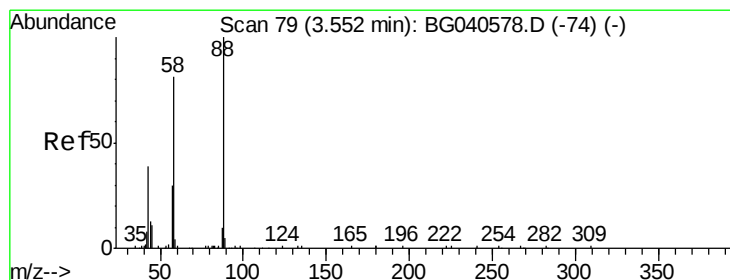
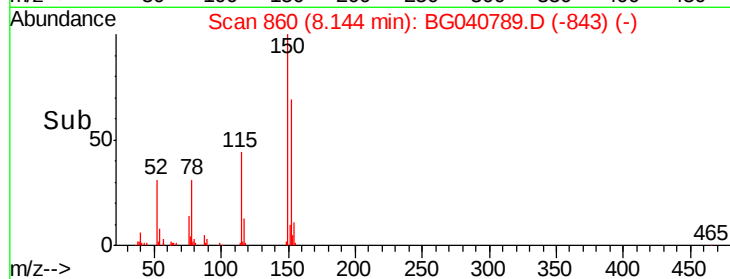
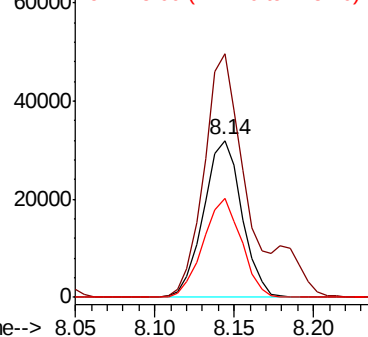
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53722
Ion Ratio Lower Upper
152 100
150 155.5 124.4 186.6
115 63.3 50.6 76.0



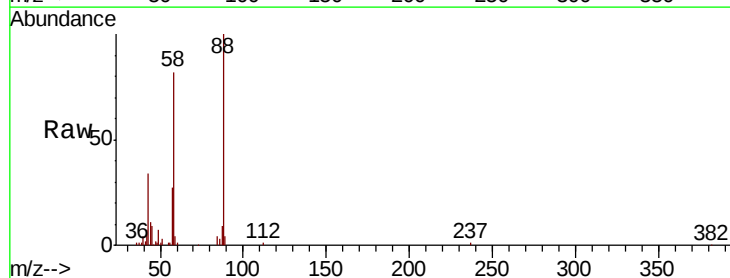
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



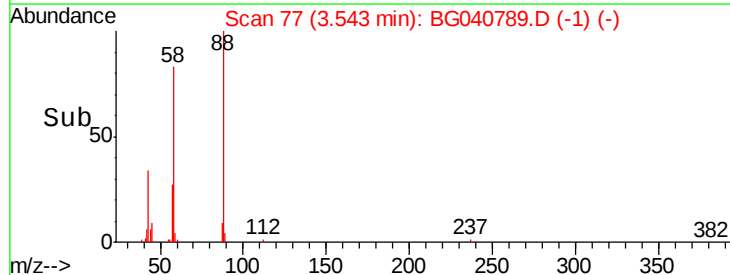
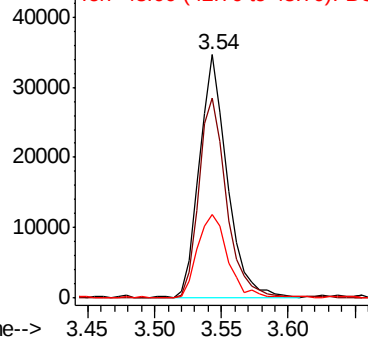
#2

1,4-Dioxane
Concen: 36.274 ng
RT: 3.54 min Scan# 77
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion: 88 Resp: 50276
Ion Ratio Lower Upper
88 100
58 81.5 65.2 97.8
43 37.5 30.0 45.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.071 ng

RT: 3.95 min Scan# 146

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

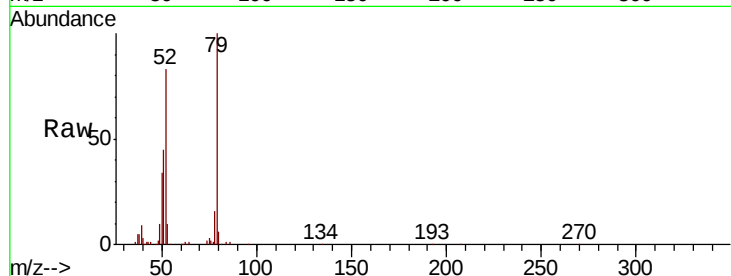
Tot Ion: 79 Resp: 160977

Ion Ratio Lower Upper

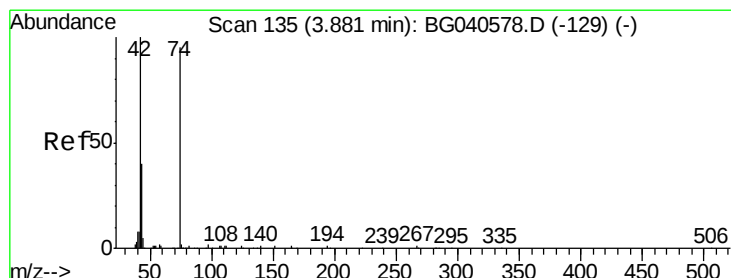
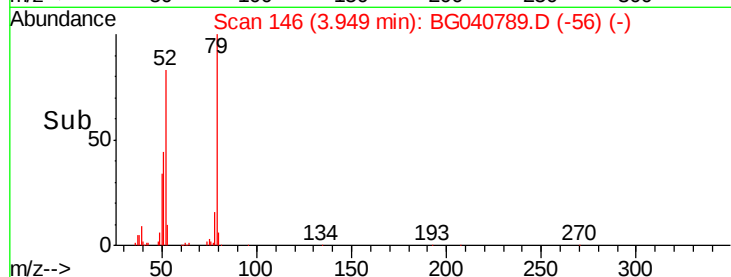
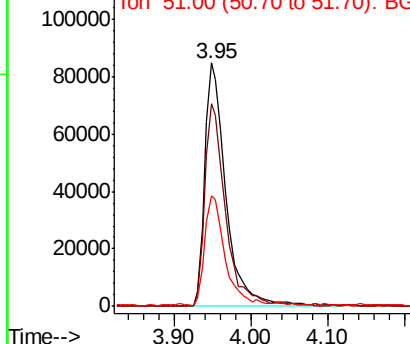
79 100

52 83.1 66.5 99.7

51 45.4 36.3 54.5



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



#4

n-Nitrosodimethylamine

Concen: 38.924 ng

RT: 3.87 min Scan# 133

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

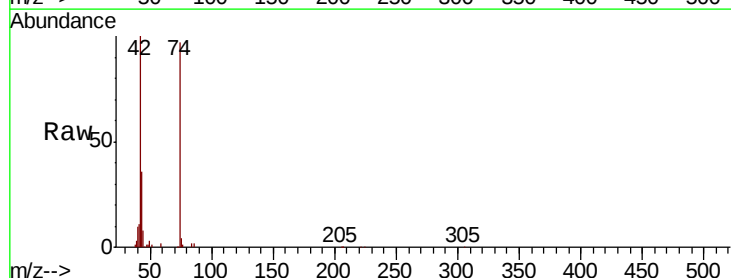
Tgt Ion: 42 Resp: 86735

Ion Ratio Lower Upper

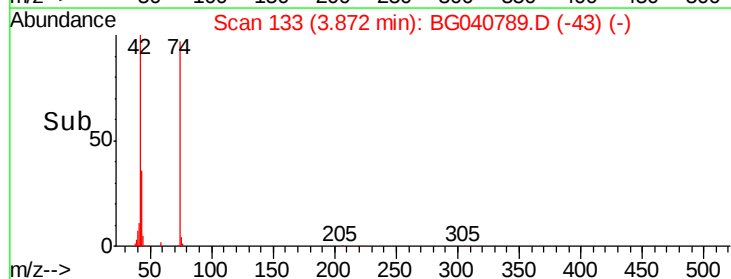
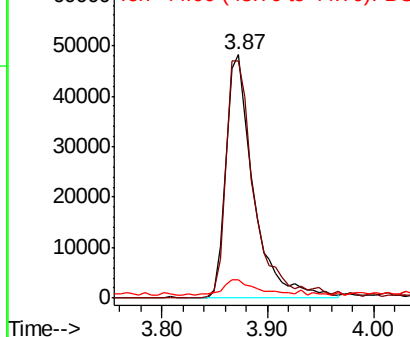
42 100

74 97.4 77.9 116.9

44 7.6 6.1 9.1



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





#5

2-Fluorophenol

Concen: 79.011 ng

RT: 5.67 min Scan# 439

Delta R.T. 0.00 min

Lab File: BG040789.D

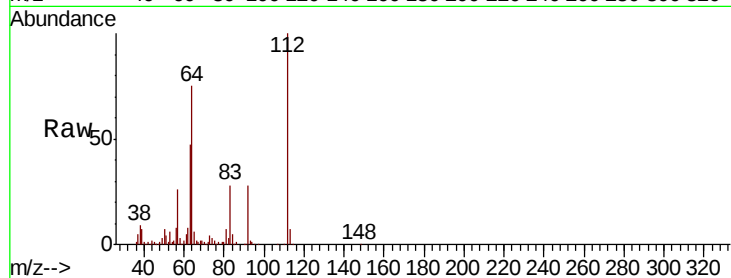
Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

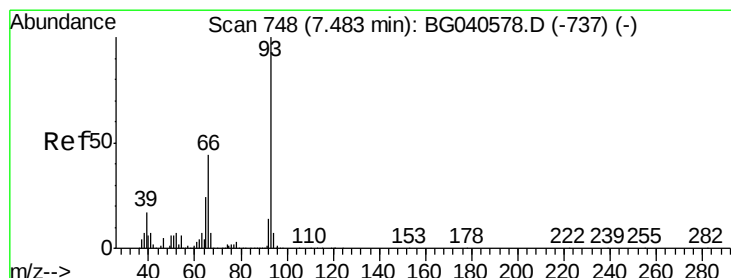
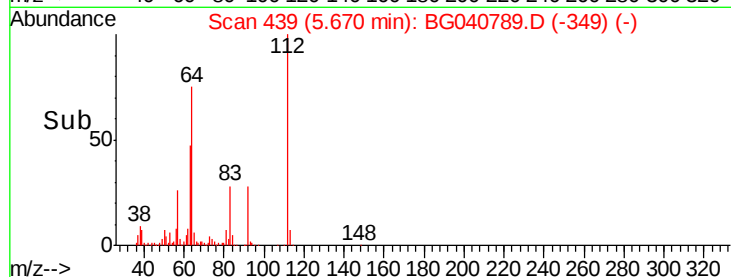
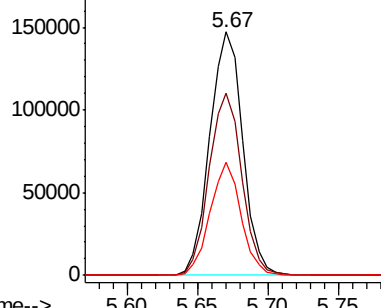
Tot Ion:	112	Resp:	240793
Ion	Ratio	Lower	Upper
112	100		
64	74.8	59.8	89.8
63	46.7	37.4	56.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.549 ng

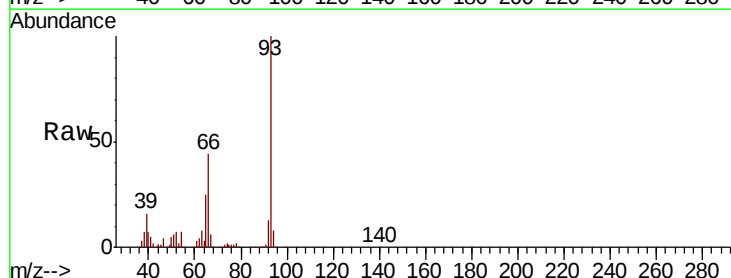
RT: 7.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

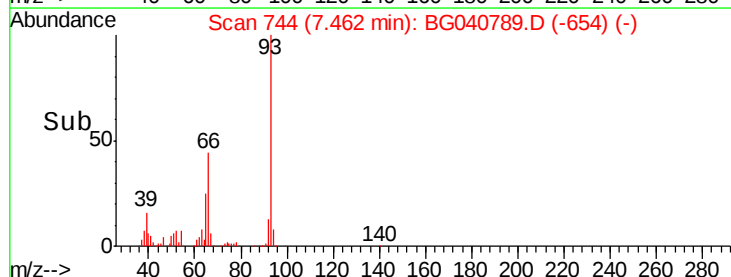
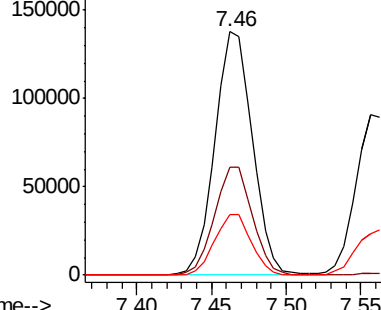
Tgt Ion:	93	Resp:	239762
Ion	Ratio	Lower	Upper
93	100		
66	44.3	35.4	53.2
65	24.9	19.9	29.9



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: 81.241 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

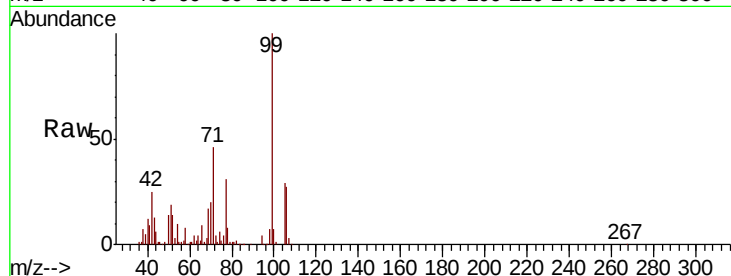
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 381220

Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.8	29.8
71	45.9	36.7	55.1

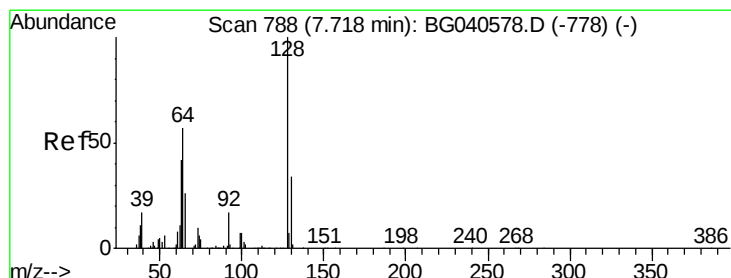
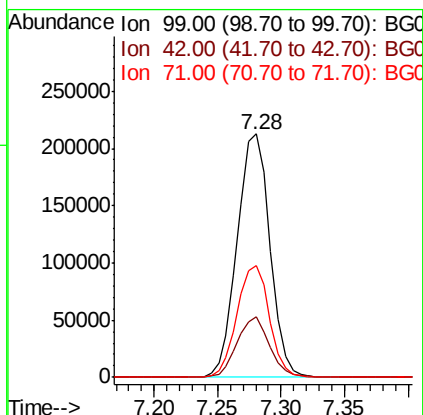
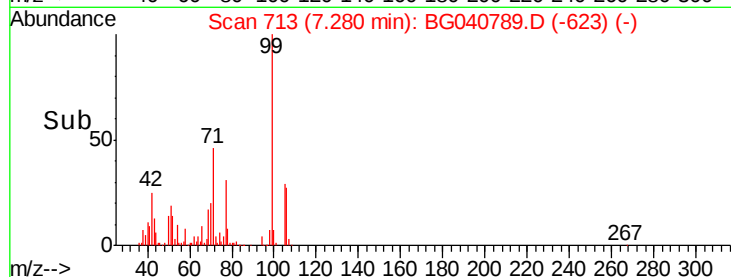


Abundance

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: 39.047 ng

RT: 7.70 min Scan# 784

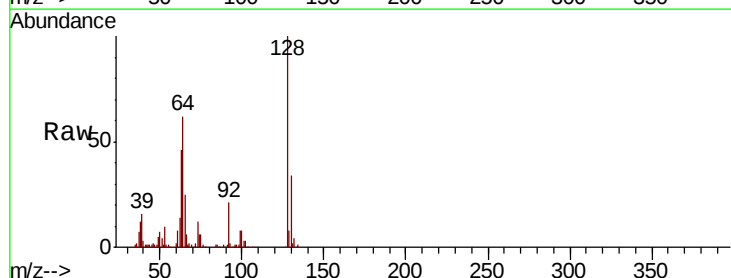
Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Tgt Ion:128 Resp: 145305

Ion	Ratio	Lower	Upper
128	100		
130	33.9	13.9	53.9
64	61.7	41.7	81.7

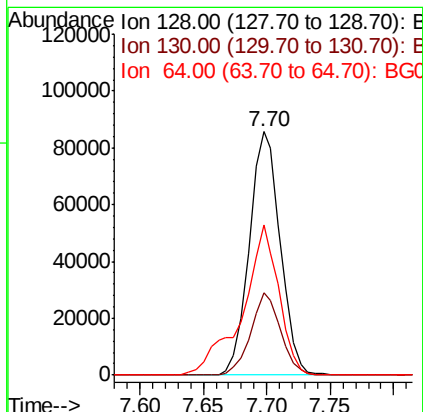
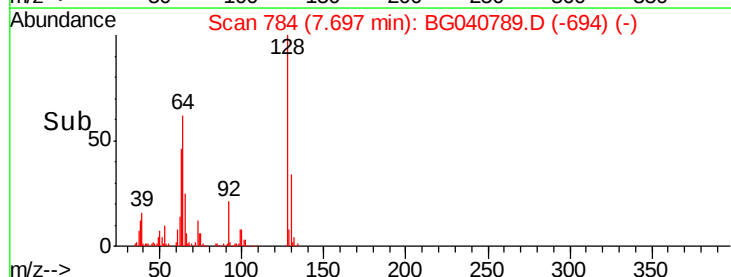


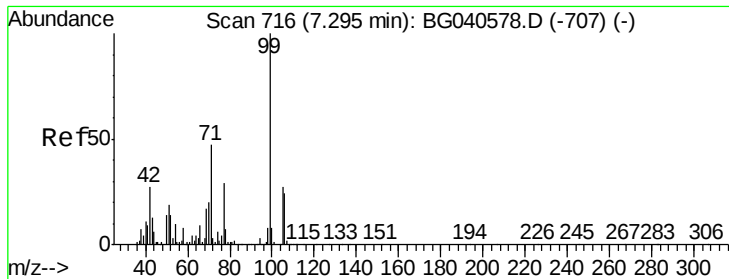
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 42.240 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

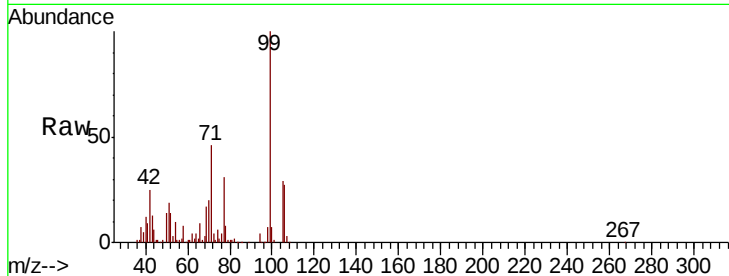
Tot Ion: 77 Resp: 117063

Ion Ratio Lower Upper

77 100

105 91.8 71.8 111.8

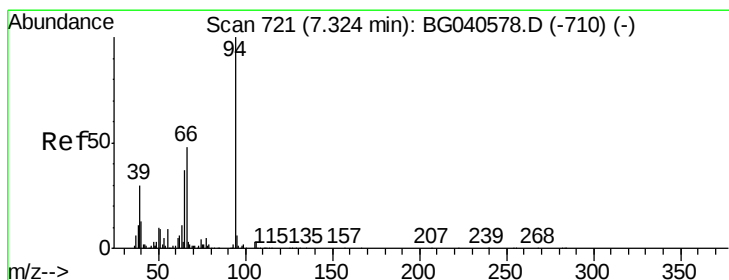
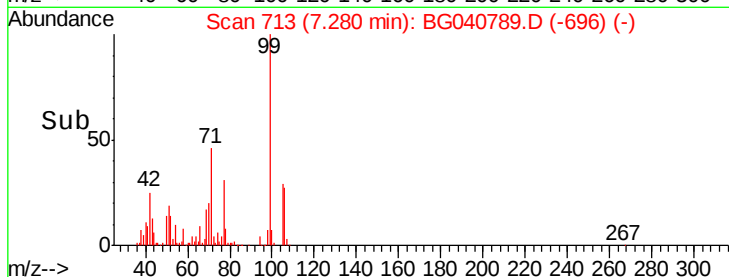
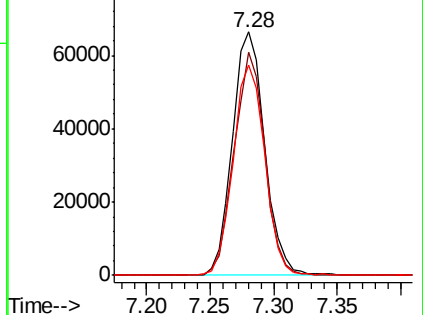
106 86.5 66.5 106.5



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: 40.574 ng

RT: 7.31 min Scan# 718

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

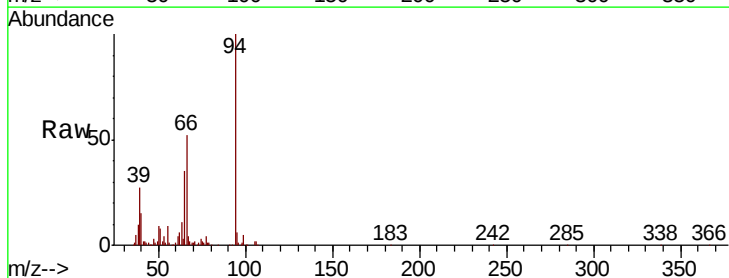
Tgt Ion: 94 Resp: 204662

Ion Ratio Lower Upper

94 100

65 35.0 15.0 55.0

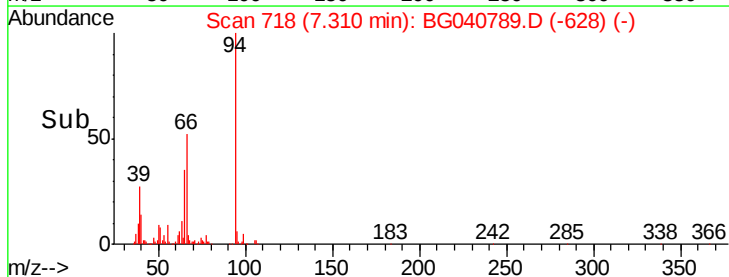
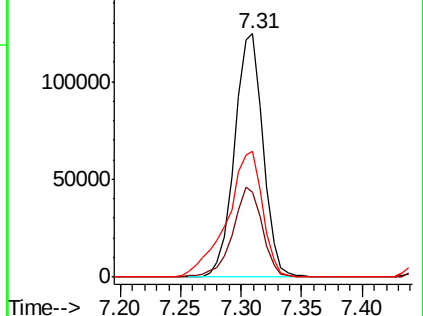
66 51.6 31.6 71.6



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: 38.606 ng

RT: 7.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

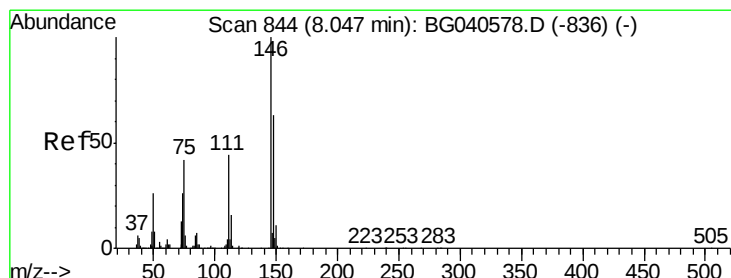
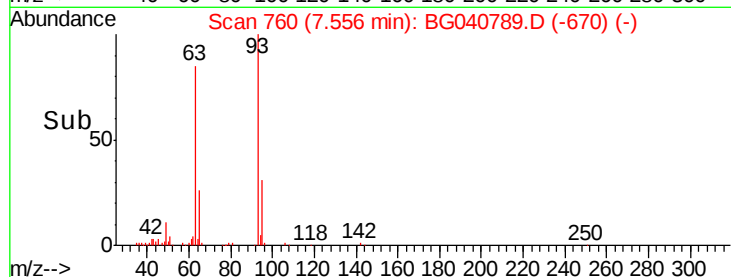
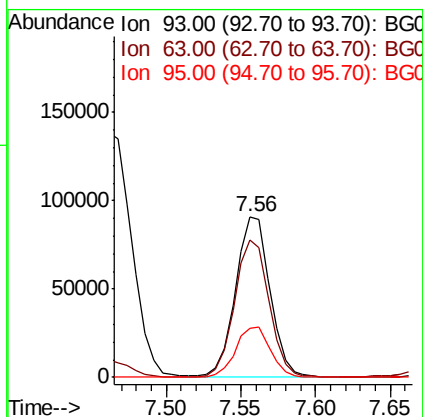
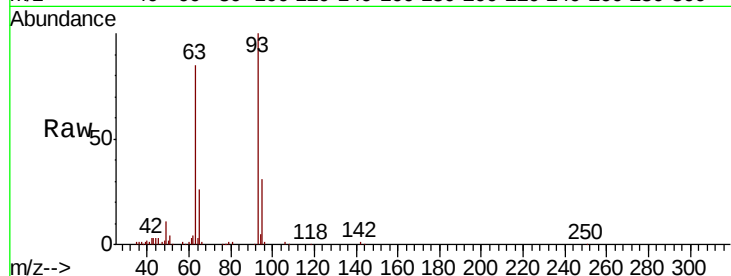
Tot Ion: 93 Resp: 146029

Ion Ratio Lower Upper

93 100

63 85.4 65.4 105.4

95 30.7 10.7 50.7



#12

1,3-Dichlorobenzene

Concen: 39.623 ng

RT: 8.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

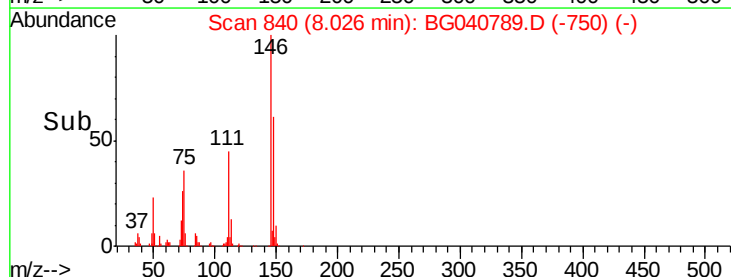
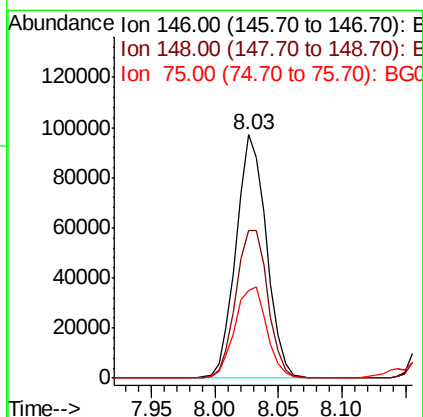
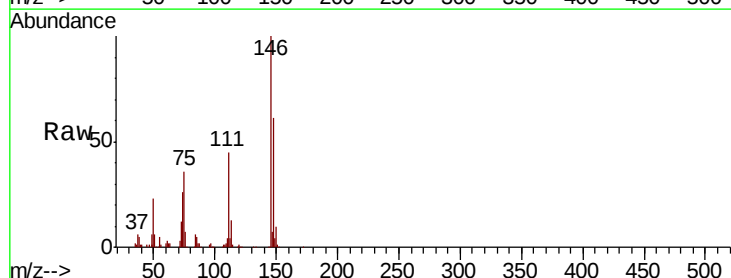
Tgt Ion: 146 Resp: 160937

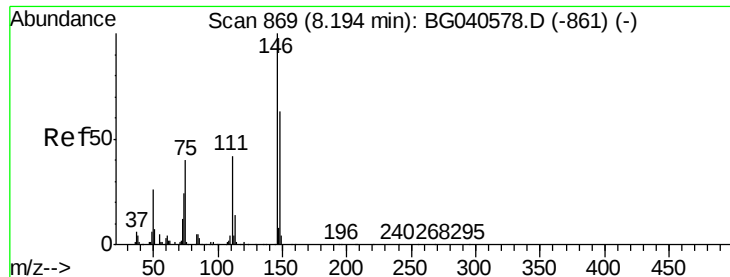
Ion Ratio Lower Upper

146 100

148 60.5 48.4 72.6

75 35.7 28.6 42.8

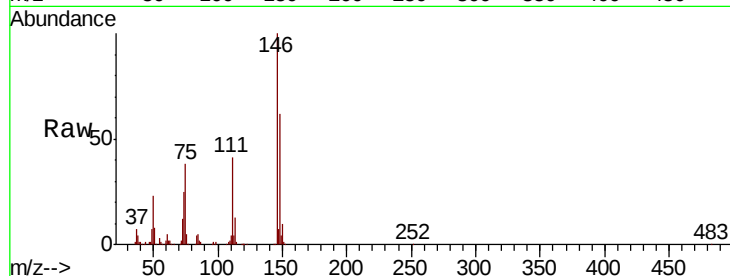




#13
 1,4-Dichlorobenzene
 Concen: 39.463 ng
 RT: 8.18 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	49.8	74.8
111	41.1	32.9	49.3

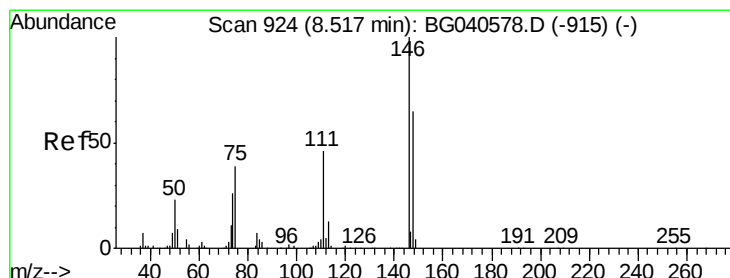
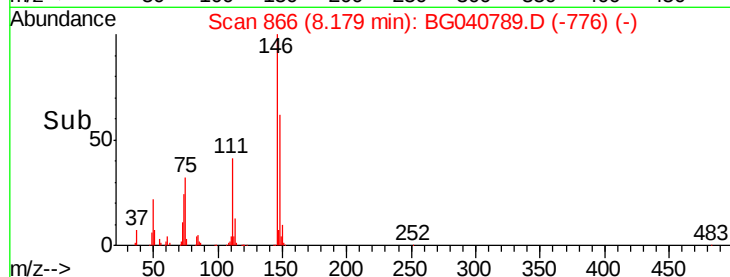
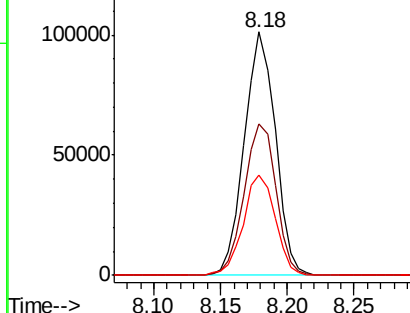


Abundance

Ion 146.00 (145.70 to 146.70): E

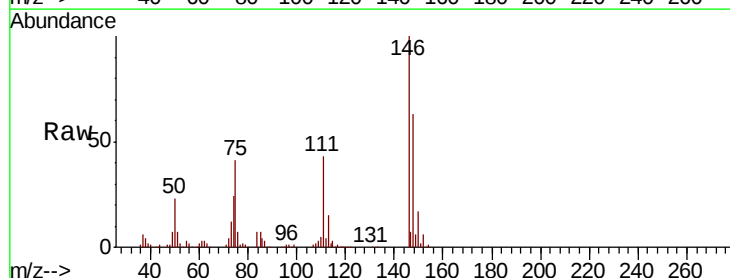
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.331 ng
 RT: 8.50 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	43.1	34.5	51.7

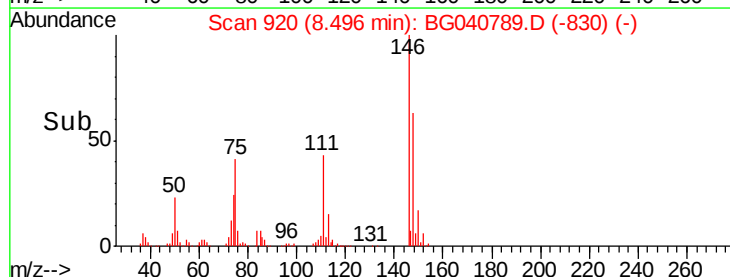
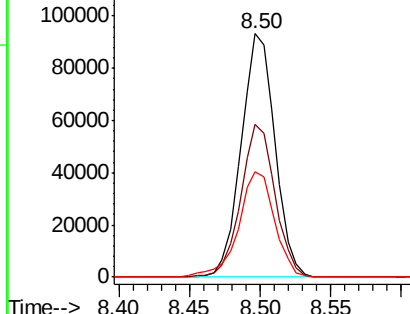


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.153 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampled :

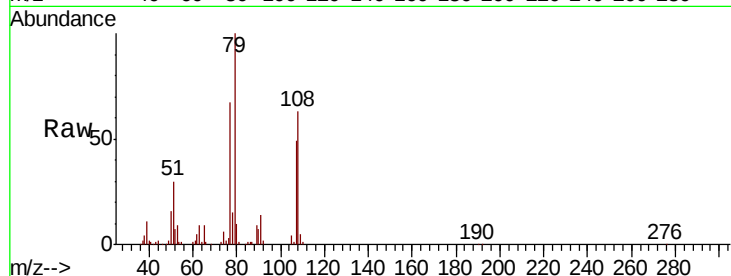
Tot Ion: 79 Resp: 186285

Ion Ratio Lower Upper

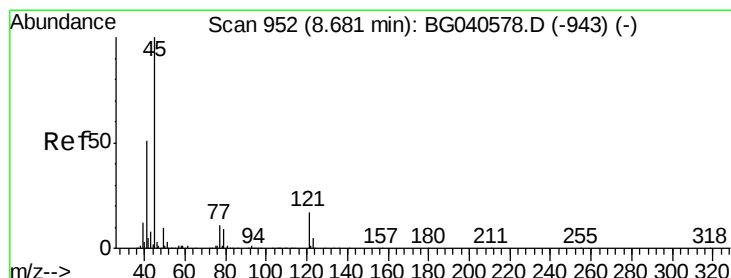
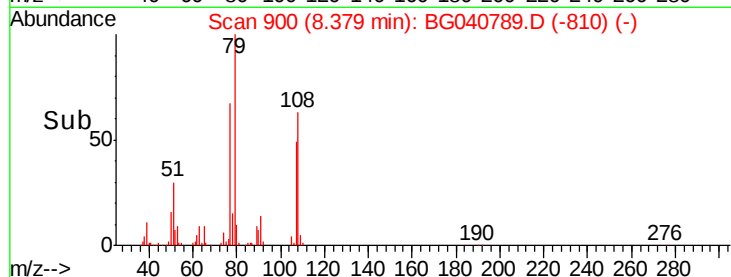
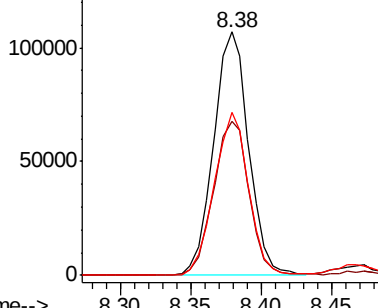
79 100

108 63.5 50.8 76.2

77 66.7 53.4 80.0



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: 33.333 ng

RT: 8.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

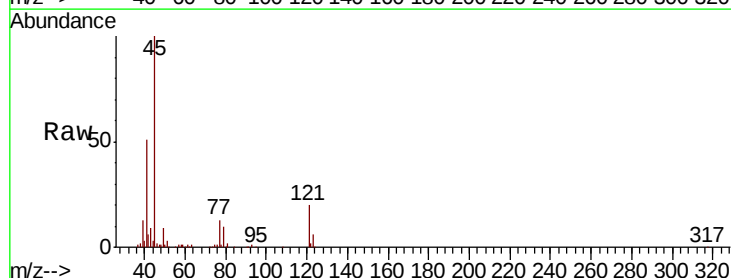
Tgt Ion: 45 Resp: 251021

Ion Ratio Lower Upper

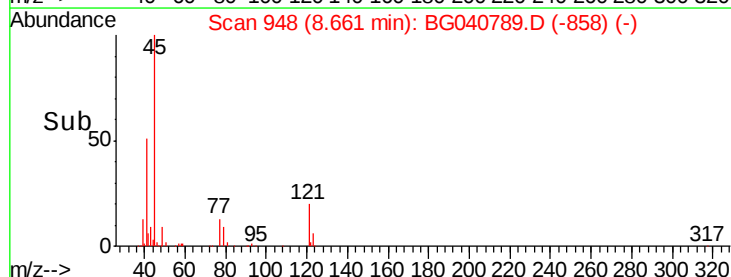
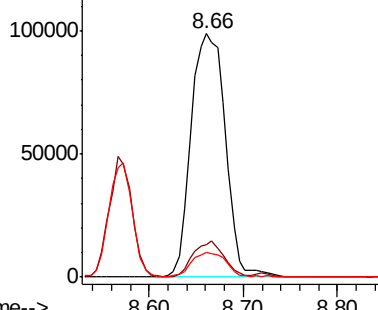
45 100

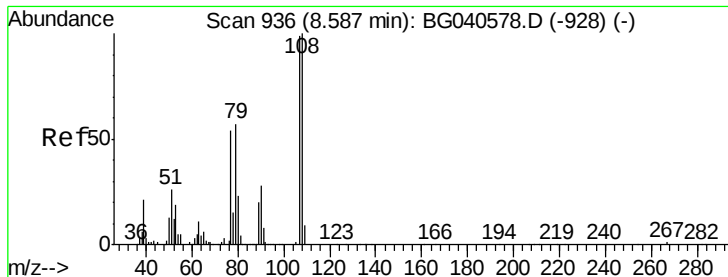
77 13.4 0.0 33.4

79 10.0 0.0 30.0



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

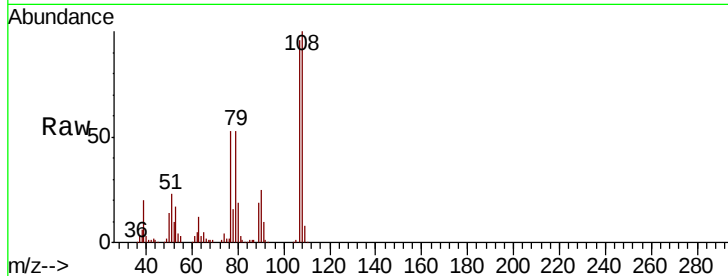




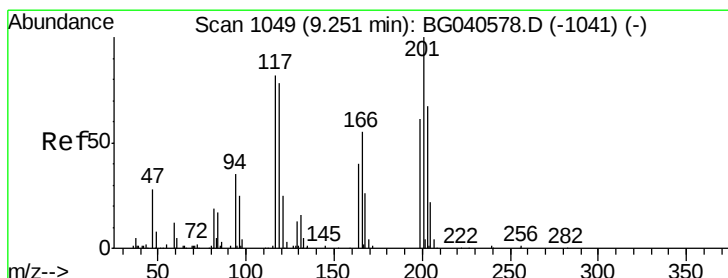
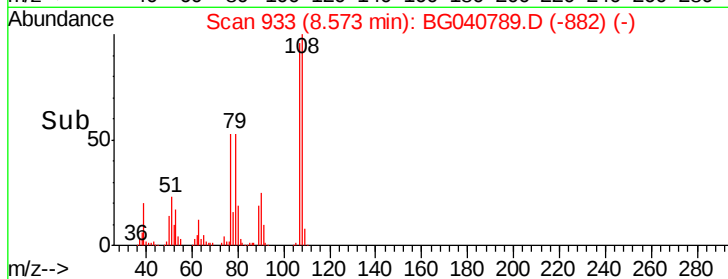
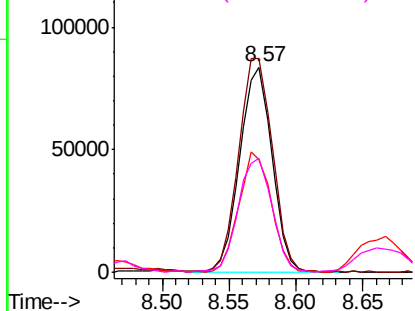
#17
2-Methylphenol
Concen: 39.340 ng
RT: 8.57 min Scan# 933
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	140432
Ion	Ratio	Lower	Upper
107	100		
108	104.2	83.4	125.0
77	55.1	44.1	66.1
79	55.7	44.6	66.8

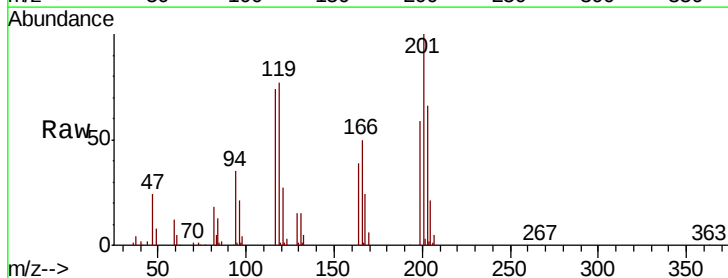


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

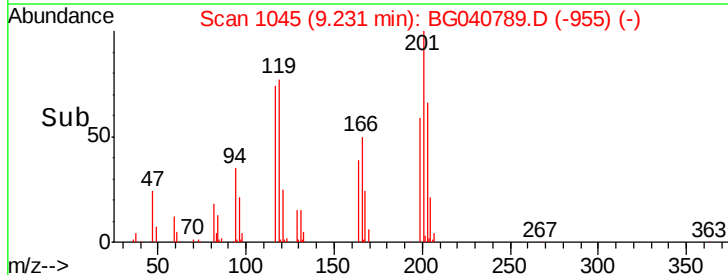
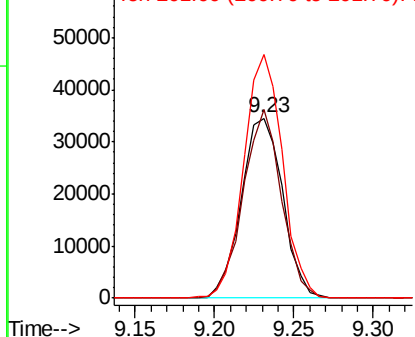


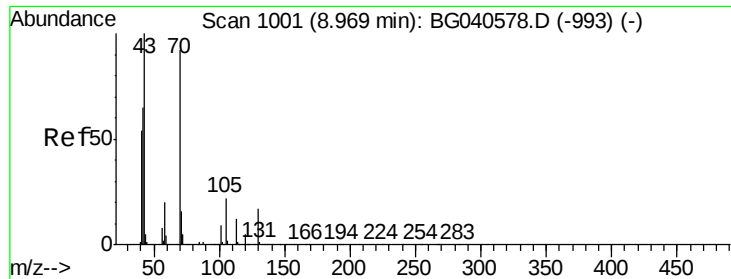
#18
Hexachloroethane
Concen: 37.072 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion:	117	Resp:	62616
Ion	Ratio	Lower	Upper
117	100		
119	104.7	83.8	125.6
201	135.3	108.2	162.4



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: 36.262 ng

RT: 8.95 min Scan# 997

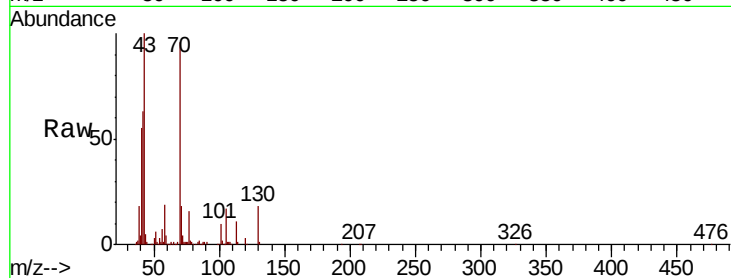
Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	153170
Ion	Ratio	Lower	Upper
70	100		
42	65.5	52.4	78.6
101	10.0	8.0	12.0
130	18.7	15.0	22.4

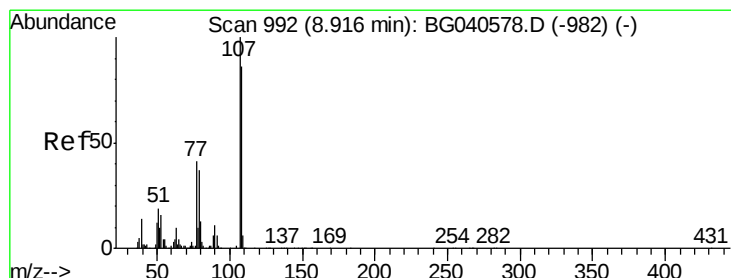
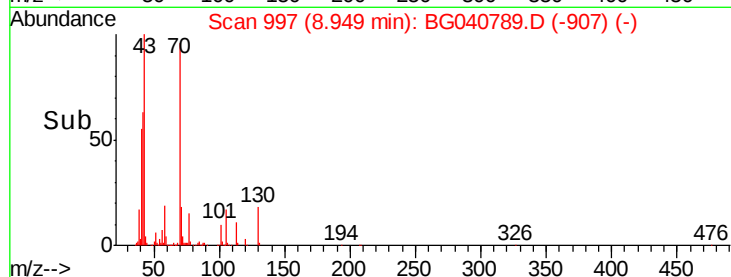
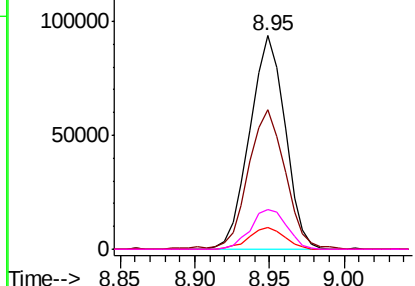


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 39.924 ng

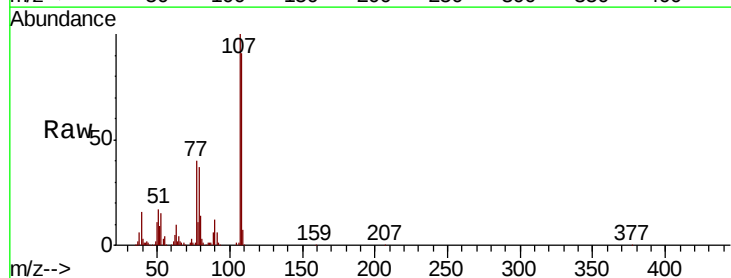
RT: 8.90 min Scan# 989

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Tgt Ion:	107	Resp:	198535
Ion	Ratio	Lower	Upper
107	100		
108	91.0	71.0	111.0
77	39.8	19.8	59.8
79	37.1	17.1	57.1

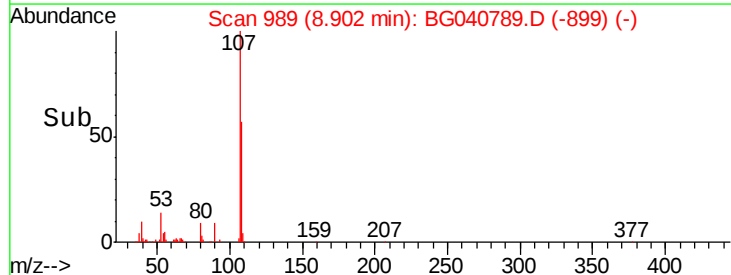
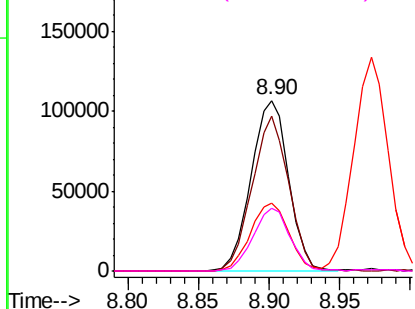


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

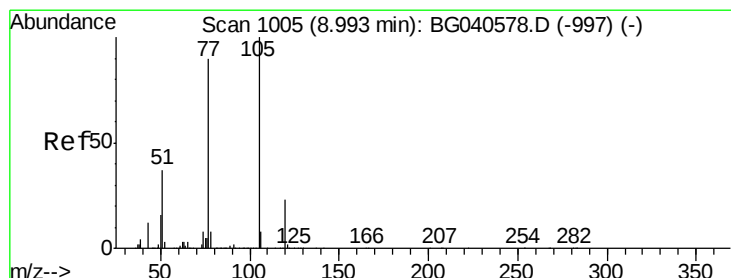
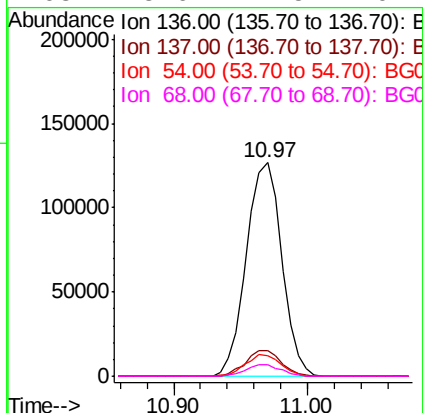
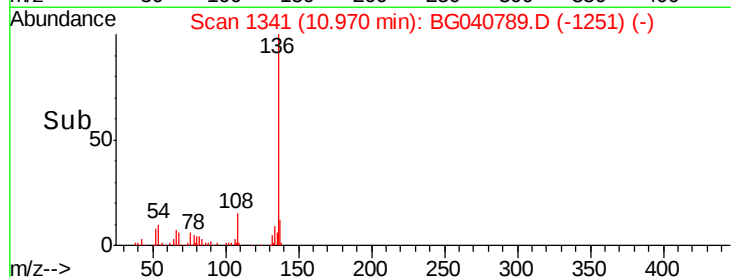
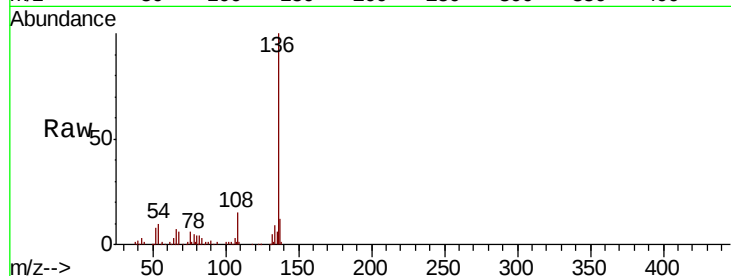




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

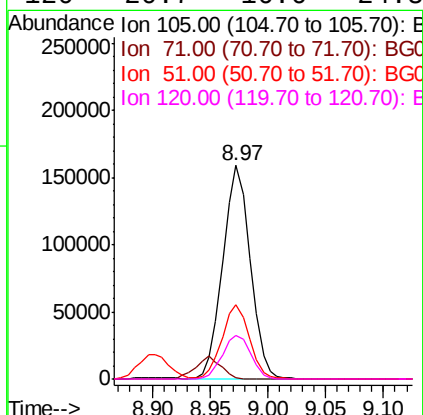
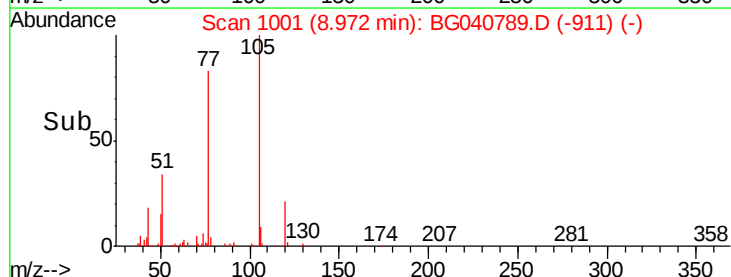
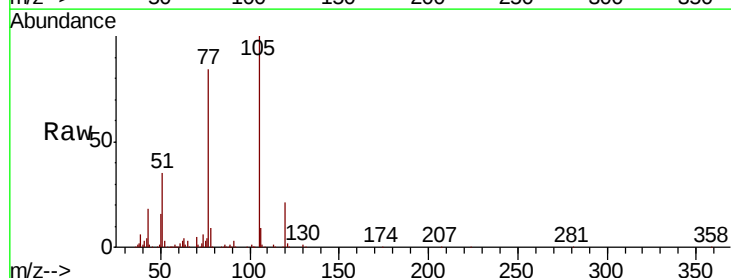
Instrument :
BNA_G
ClientSampleId :

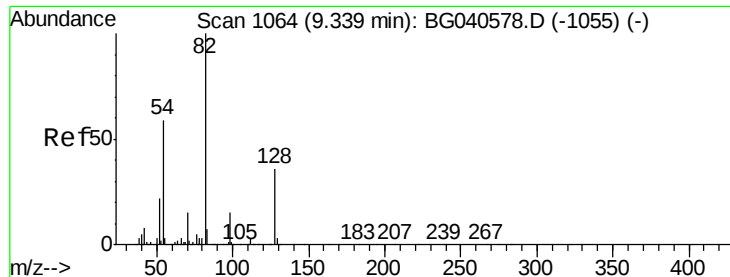
Tot Ion:136	Resp:	232616	
Ion Ratio	Lower	Upper	
136 100			
137 11.7	9.4	14.0	
54 9.8	7.8	11.8	
68 5.6	4.5	6.7	



#22
Acetophenone
Concen: 40.782 ng
RT: 8.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt	Ion:105	Resp:	263794
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.6	0.8
51	34.7	27.8	41.6
120	20.7	16.6	24.8

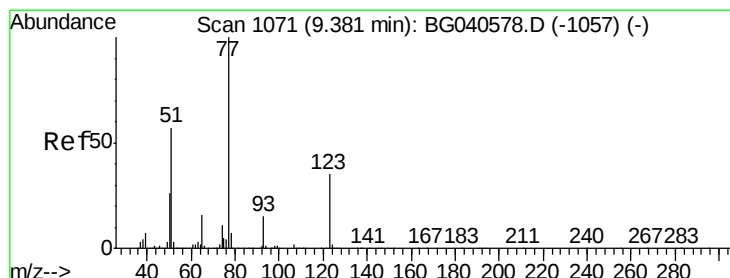
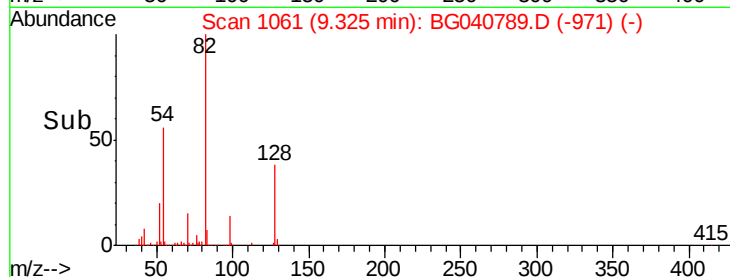
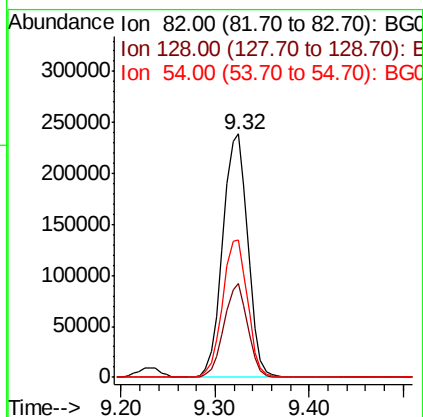
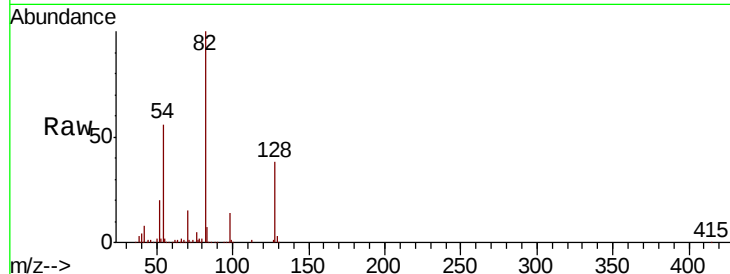




#23
Nitrobenzene-d5
Concen: 88.146 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

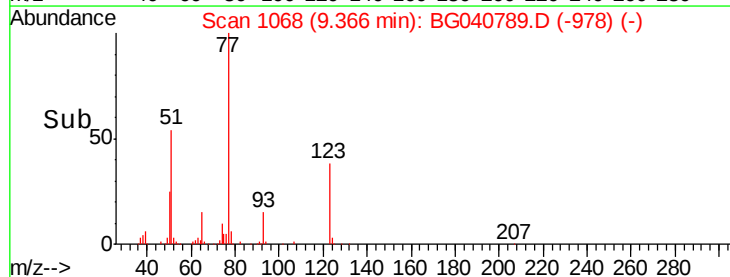
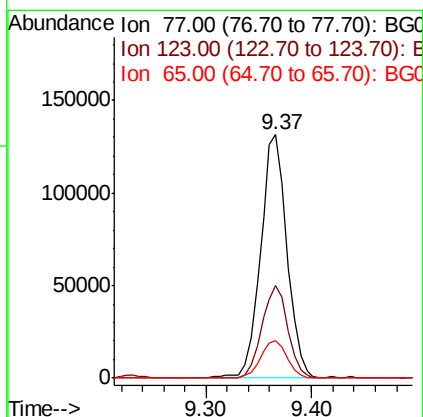
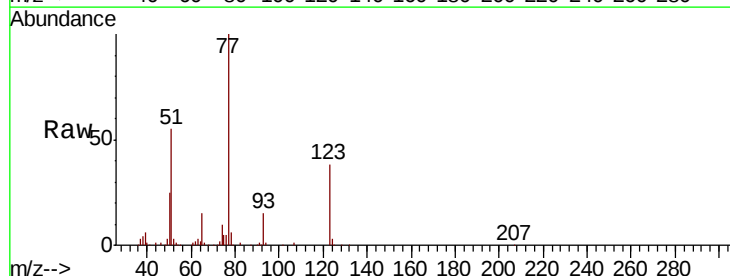
Instrument :
BNA_G
ClientSampleId :

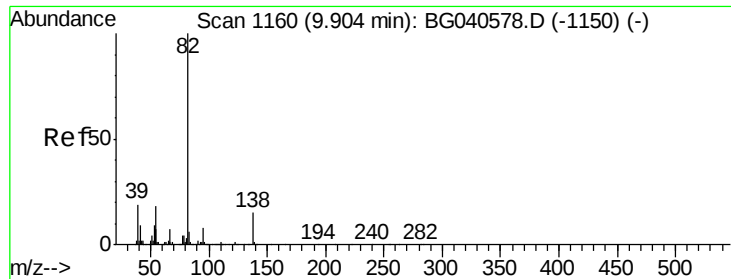
Tot Ion	82	Resp	443754
Ion Ratio	Lower	Upper	
82	100		
128	38.4	30.7	46.1
54	56.2	45.0	67.4



#24
Nitrobenzene
Concen: 42.412 ng
RT: 9.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion	77	Resp	227808
Ion Ratio	Lower	Upper	
77	100		
123	38.1	30.5	45.7
65	15.3	12.2	18.4





#25

Isophorone

Concen: 38.702 ng

RT: 9.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

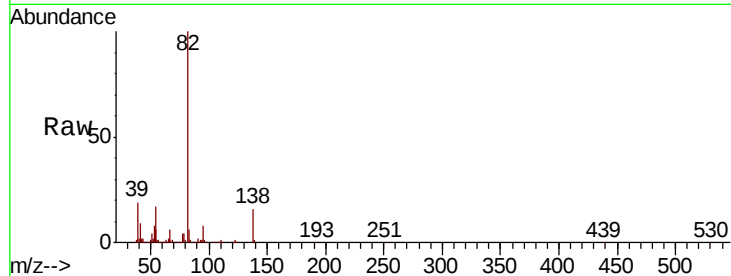
Tot Ion: 82 Resp: 434003

Ion Ratio Lower Upper

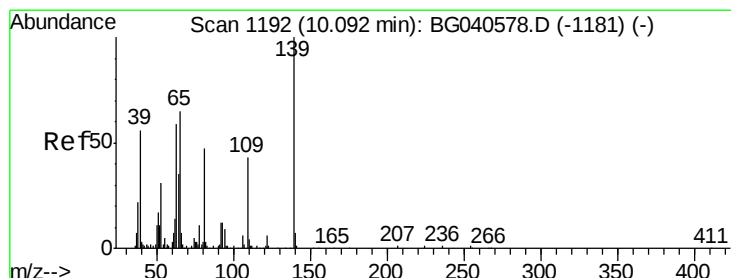
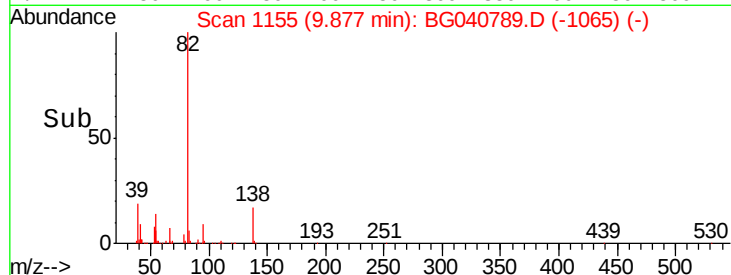
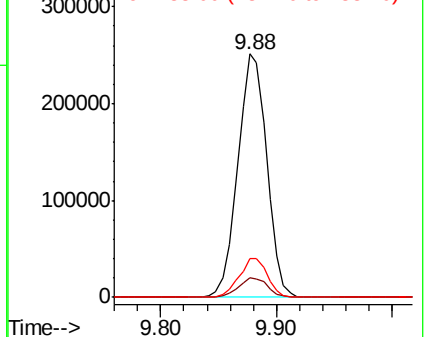
82 100

95 8.2 6.6 9.8

138 15.7 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 49.192 ng

RT: 10.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

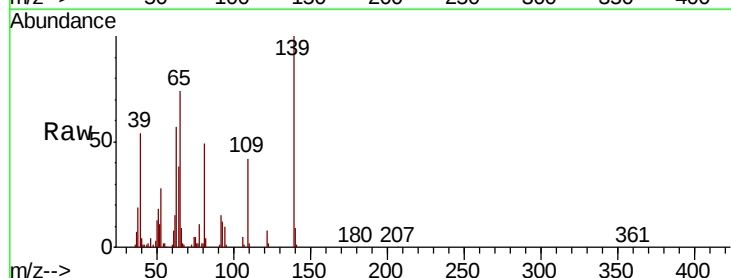
Tgt Ion: 139 Resp: 94714

Ion Ratio Lower Upper

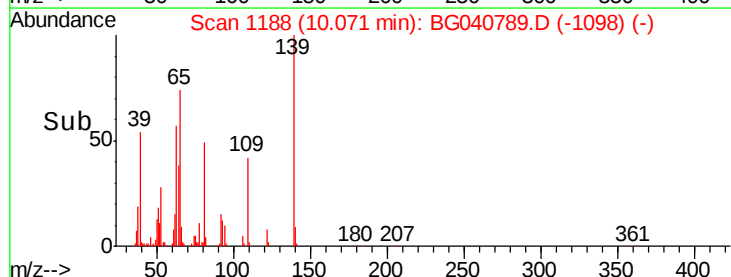
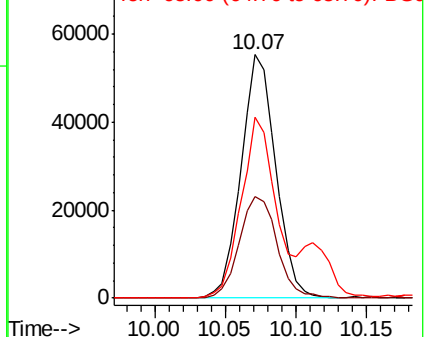
139 100

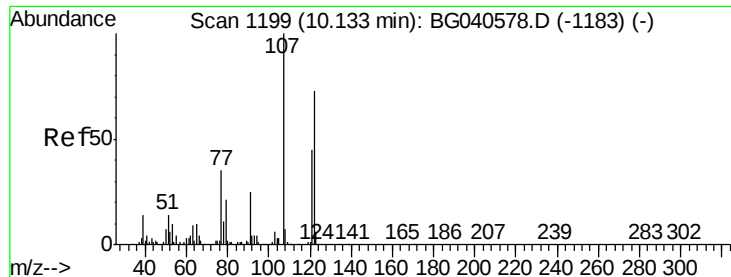
109 41.7 33.4 50.0

65 74.1 59.3 88.9



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

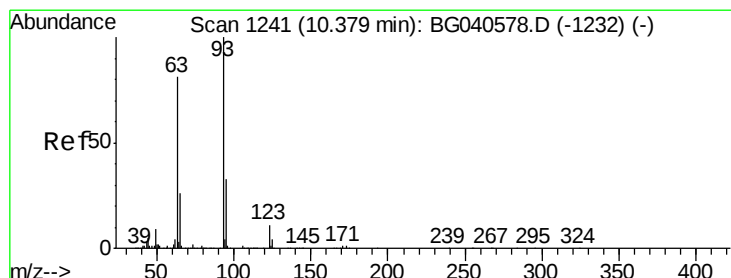
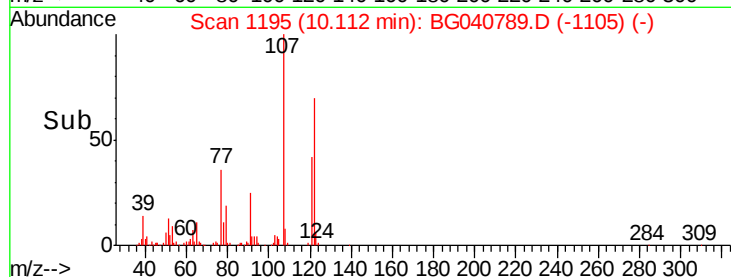
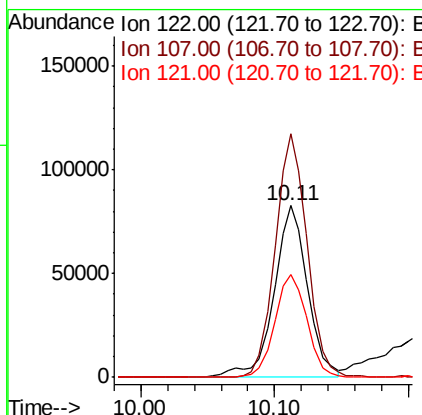
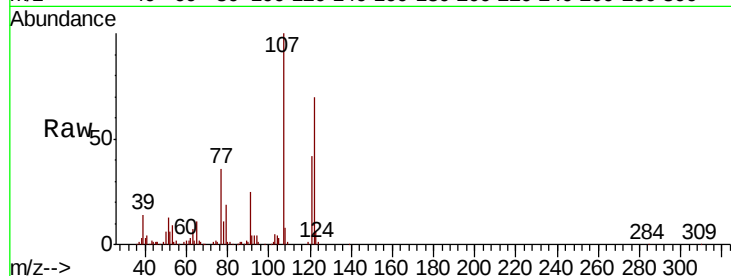




#27
2,4-Dimethylphenol
Concen: 40.082 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

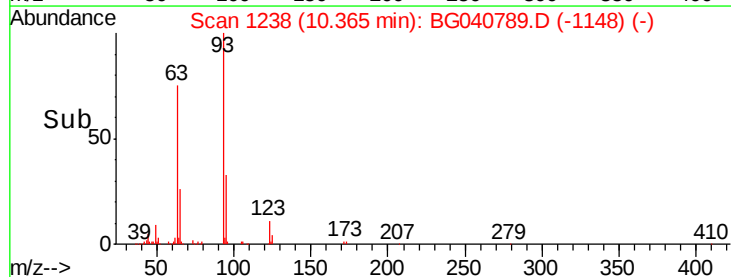
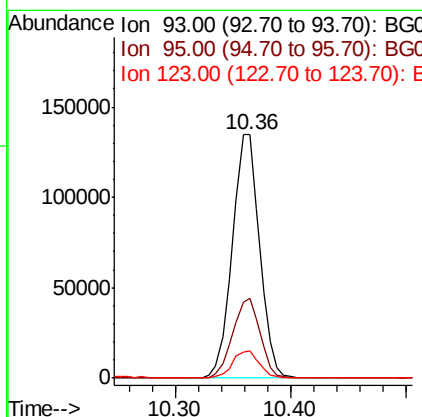
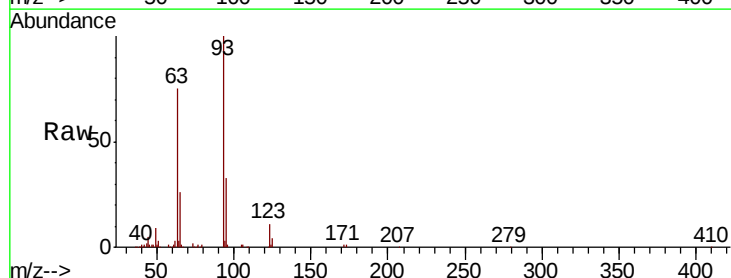
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	142.1	113.7	170.5
121	59.7	47.8	71.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.196 ng
RT: 10.36 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	11.0	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 43.937 ng

RT: 10.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

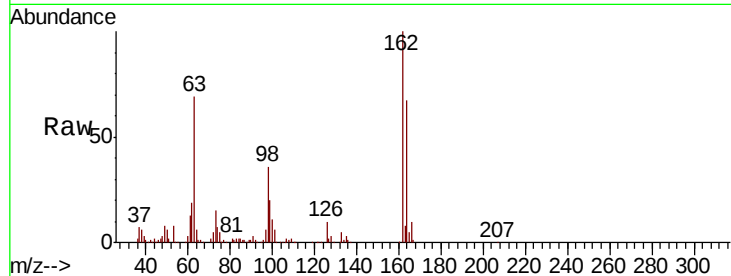
Tot Ion:162 Resp: 180448

Ion Ratio Lower Upper

162 100

164 67.4 47.4 87.4

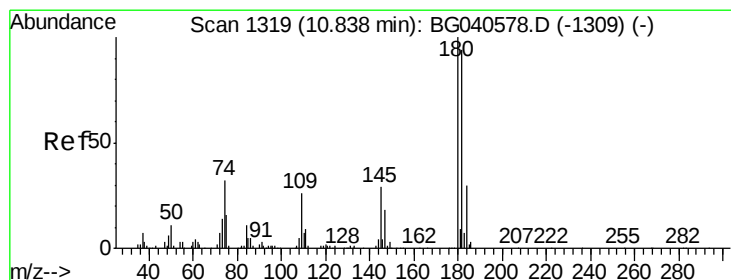
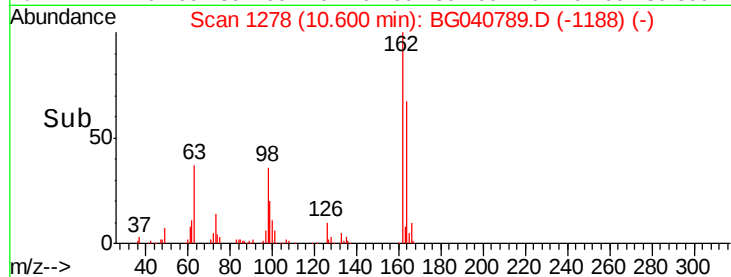
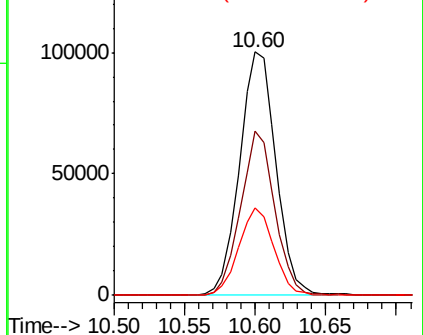
98 35.9 15.9 55.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 43.082 ng

RT: 10.82 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

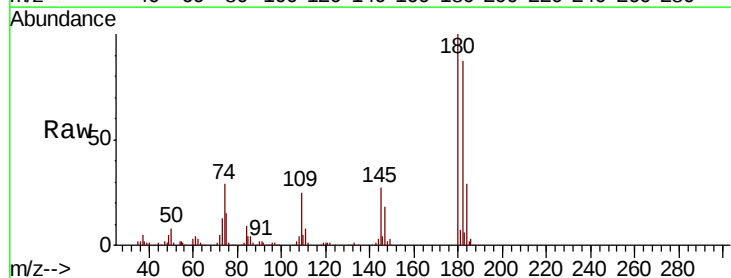
Tgt Ion:180 Resp: 196211

Ion Ratio Lower Upper

180 100

182 87.4 69.9 104.9

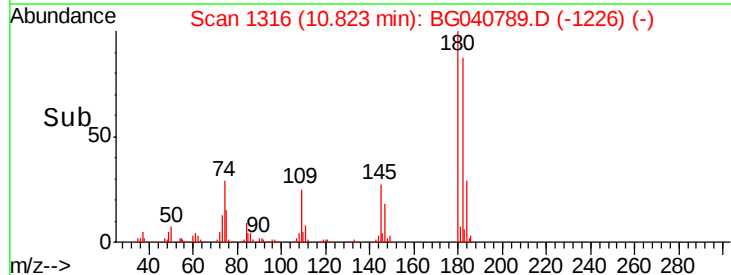
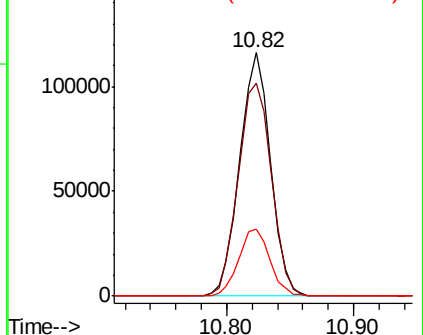
145 27.3 21.8 32.8



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

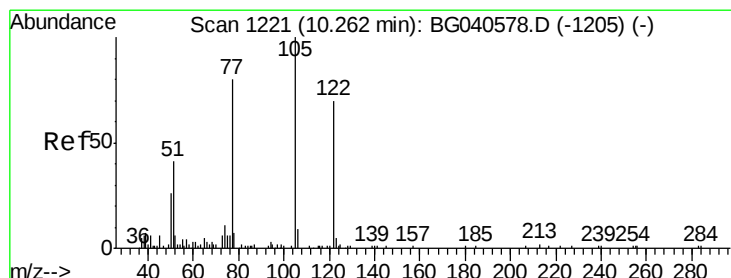
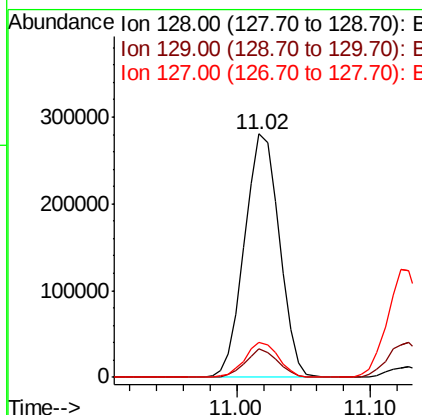
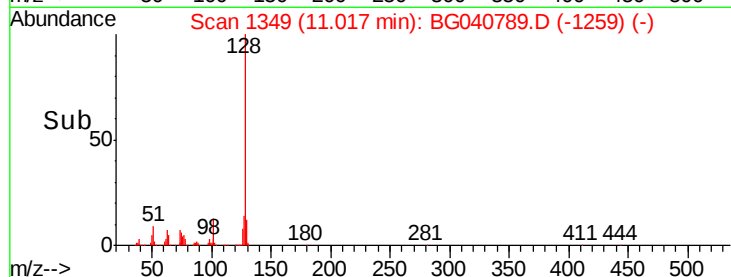
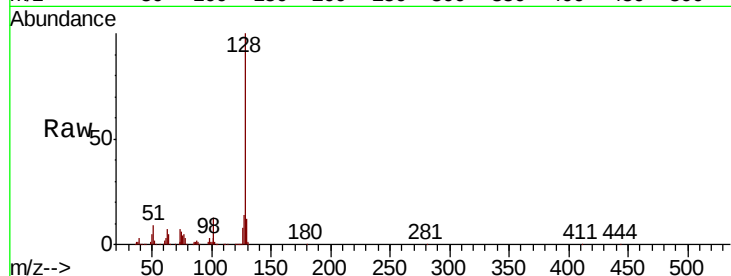




#31
Naphthalene
Concen: 40.958 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

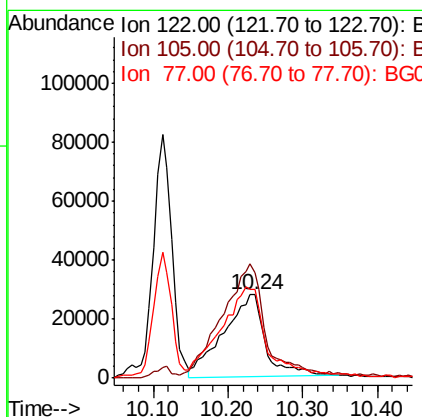
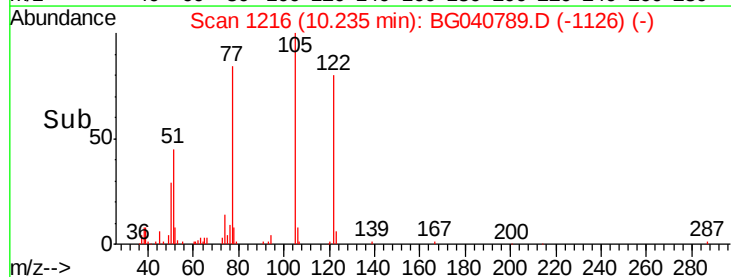
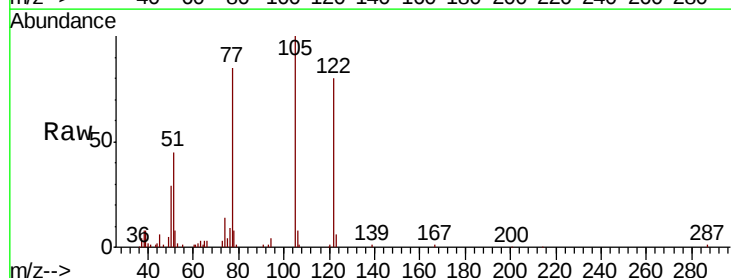
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 506169
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 14.4 11.5 17.3



#32
Benzoic acid
Concen: 43.752 ng
RT: 10.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion:122 Resp: 108202
Ion Ratio Lower Upper
122 100
105 125.6 105.6 145.6
77 106.6 86.6 126.6

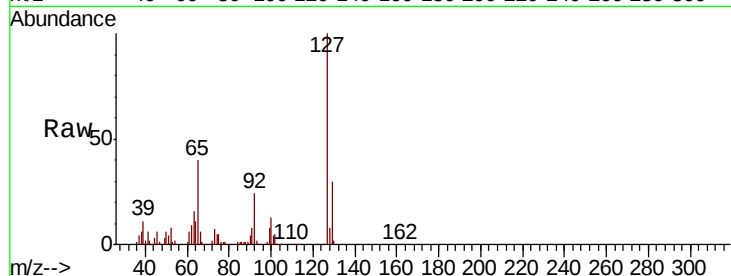




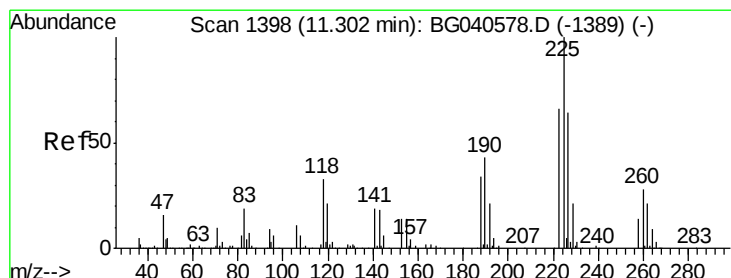
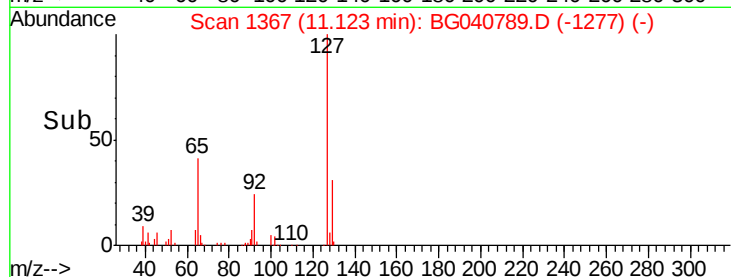
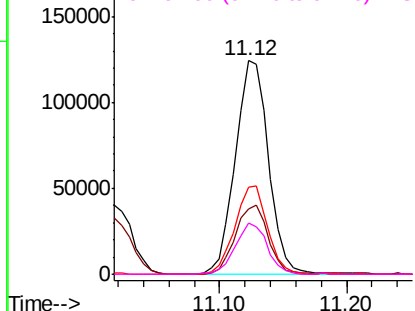
#33
4-Chloroaniline
Concen: 41.129 ng
RT: 11.12 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	225357
Ion	Ratio	Lower Upper
127	100	
129	30.4	24.3 36.5
65	40.5	32.4 48.6
92	23.9	19.1 28.7

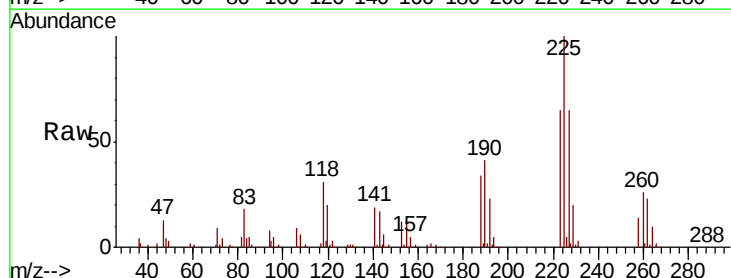


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

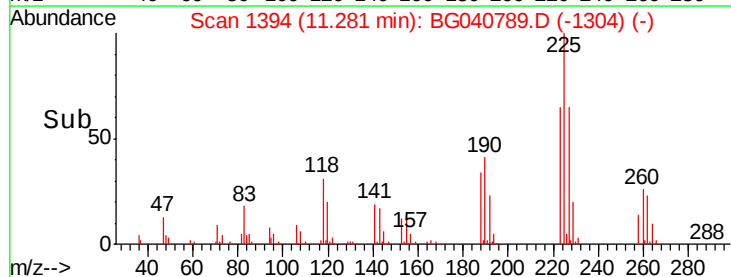
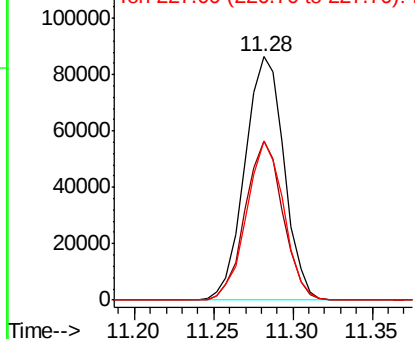


#34
Hexachlorobutadiene
Concen: 44.062 ng
RT: 11.28 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion:225	Resp:	148153
Ion	Ratio	Lower Upper
225	100	
223	65.4	52.3 78.5
227	65.4	52.3 78.5



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

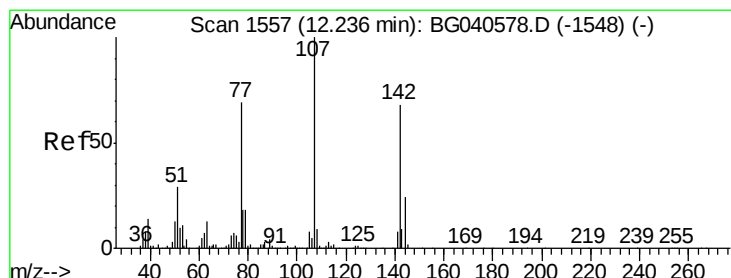
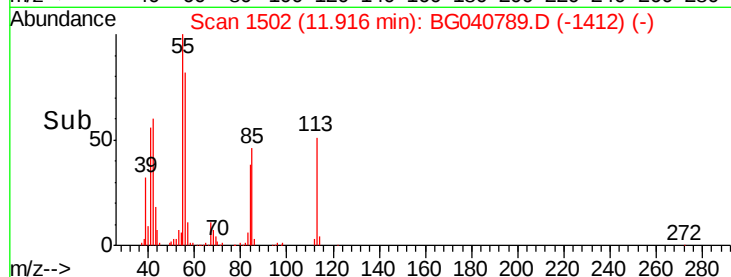
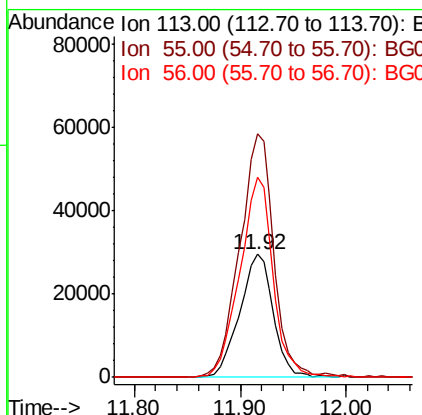
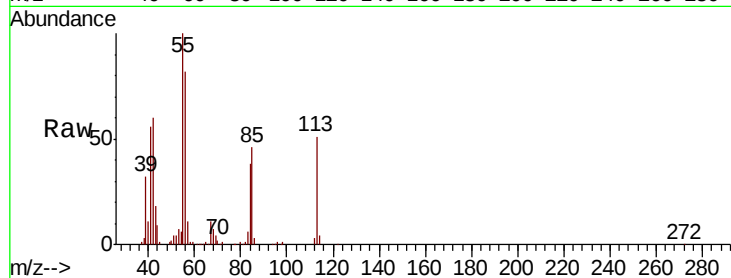




#35
 Caprolactam
 Concen: 40.343 ng
 RT: 11.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

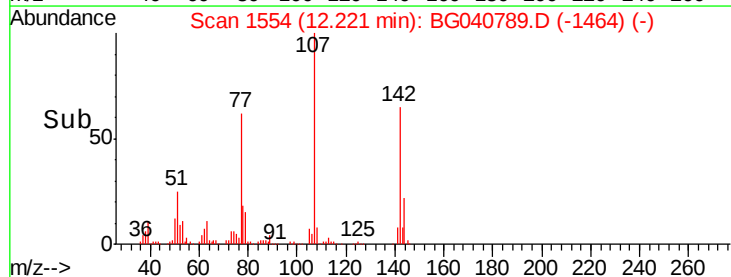
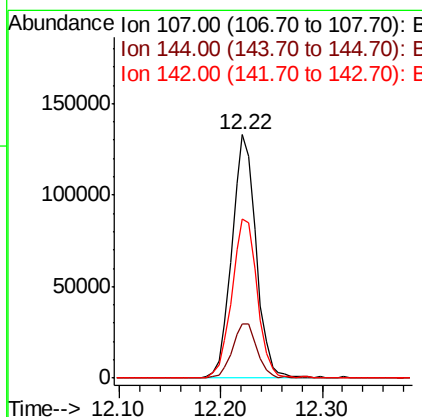
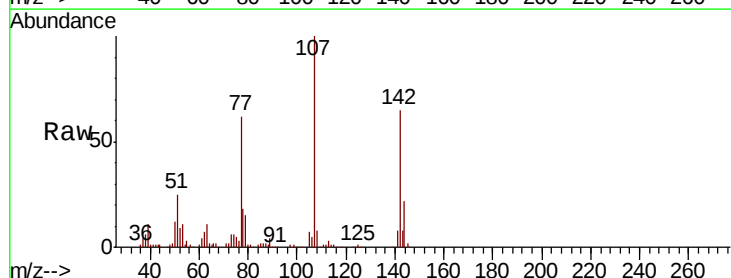
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 65416
 Ion Ratio Lower Upper
 113 100
 55 197.7 177.7 217.7
 56 162.5 142.5 182.5



#36
 4-Chloro-3-methylphenol
 Concen: 42.356 ng
 RT: 12.22 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

Tgt Ion:107 Resp: 219450
 Ion Ratio Lower Upper
 107 100
 144 22.4 17.9 26.9
 142 65.2 52.2 78.2

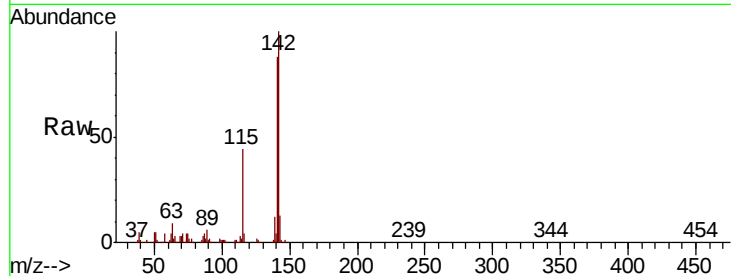




#37
2-Methylnaphthalene
Concen: 41.859 ng
RT: 12.62 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.6	106.0
115	43.8	35.0	52.6

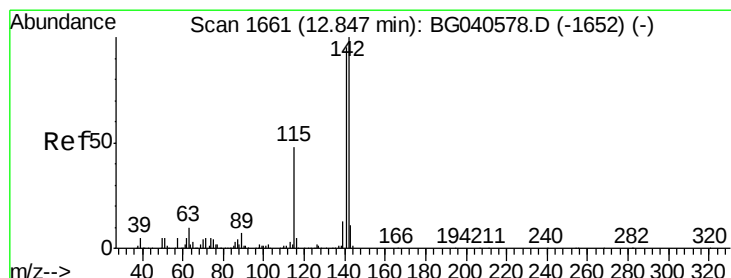
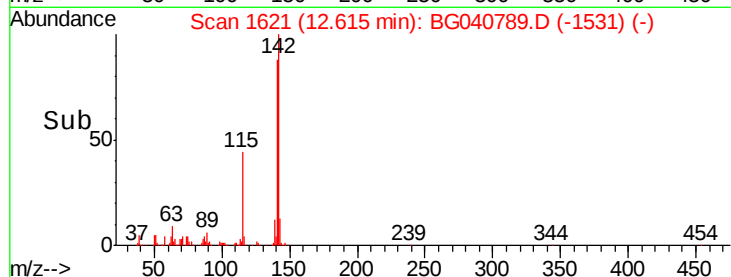
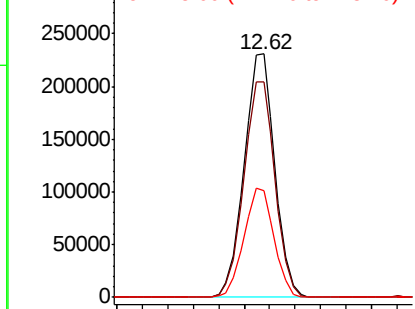


Abundance

Ion 142.00 (141.70 to 142.70): E

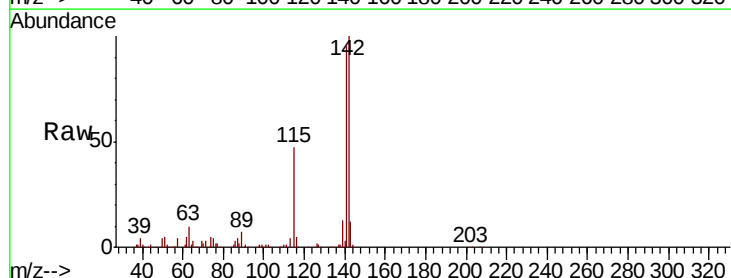
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.371 ng
RT: 12.83 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	76.2	114.2
116	5.1	4.1	6.1

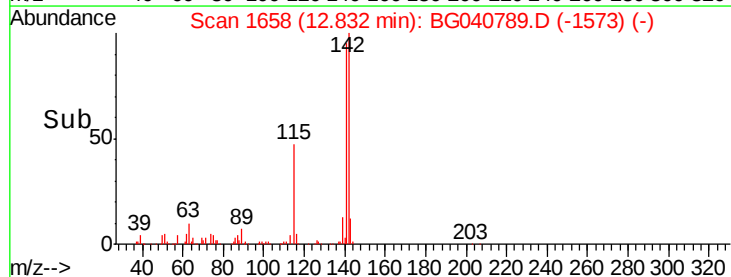
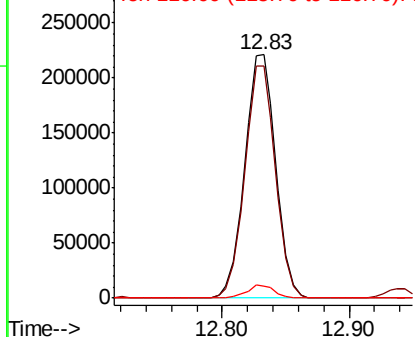


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

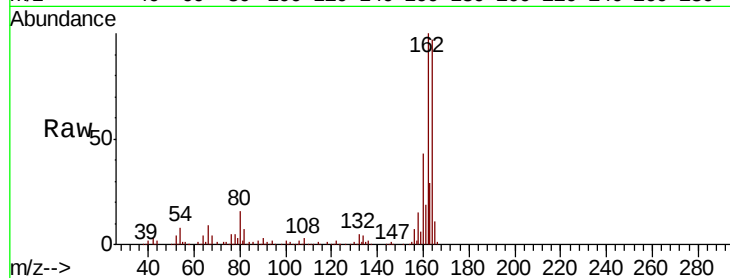
Tot Ion:164 Resp: 172487

Ion Ratio Lower Upper

164 100

162 103.3 82.6 124.0

160 44.8 35.8 53.8

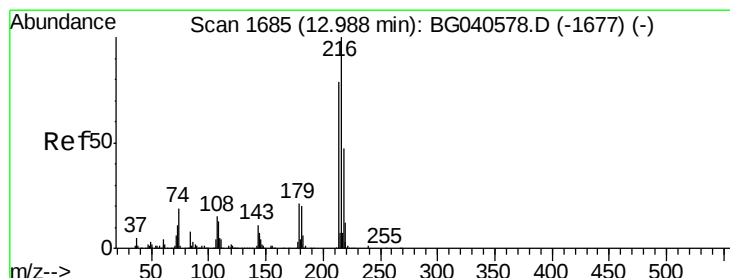
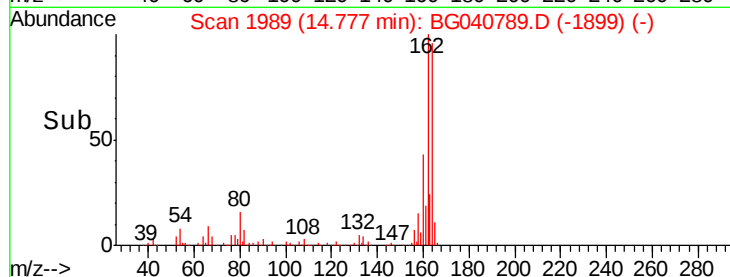
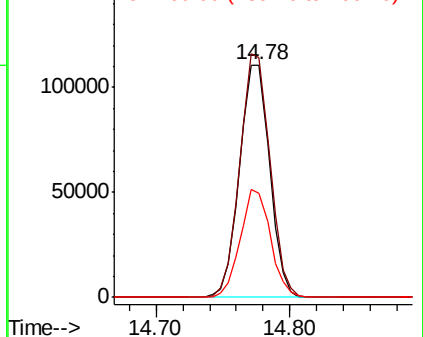


Abundance

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: 42.174 ng

RT: 12.97 min Scan# 1681

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Tgt Ion:216 Resp: 270993

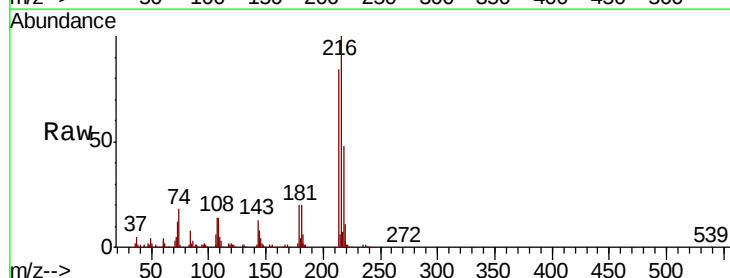
Ion Ratio Lower Upper

216 100

214 81.8 65.4 98.2

179 19.3 15.4 23.2

108 14.8 11.8 17.8



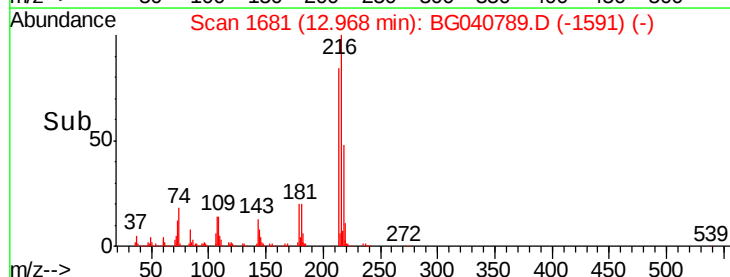
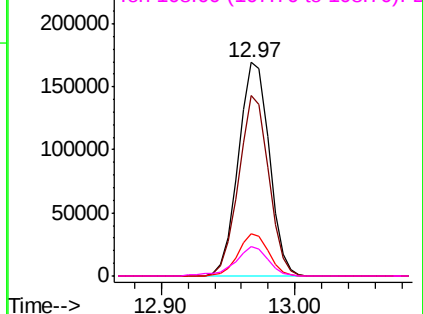
Abundance

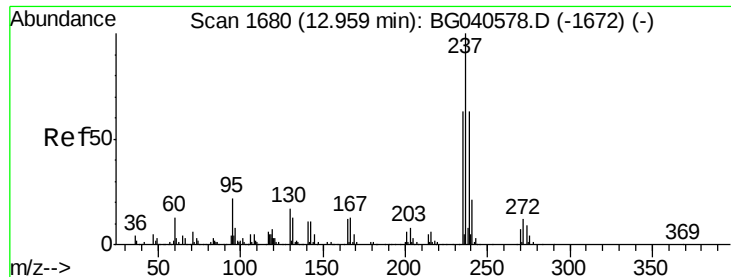
Ion 216.00 (215.70 to 216.70): E

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

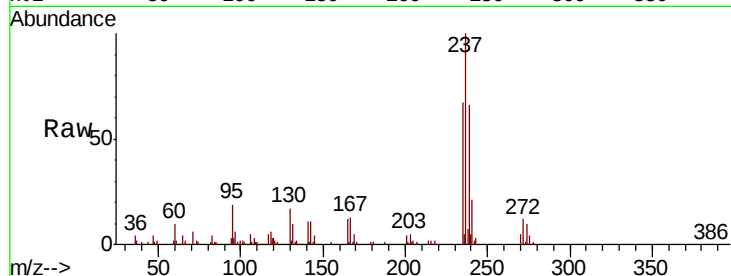




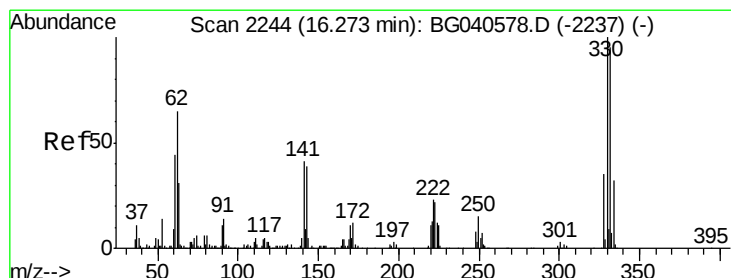
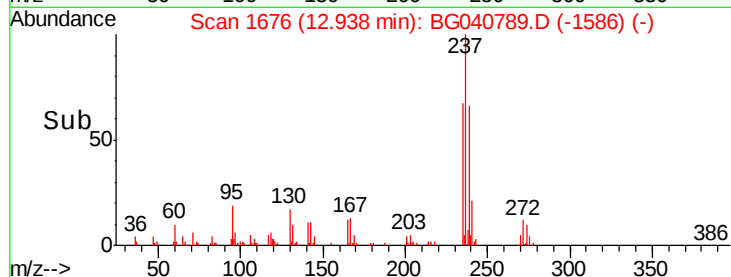
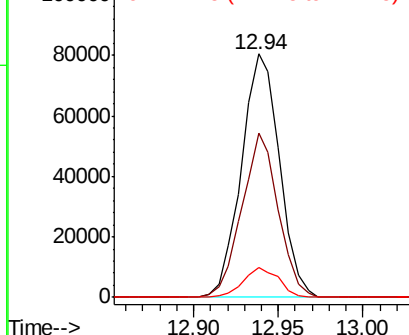
#41
Hexachlorocyclopentadiene
Concen: 33.133 ng
RT: 12.94 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	67.4	47.4	87.4
272	12.2	0.0	32.2

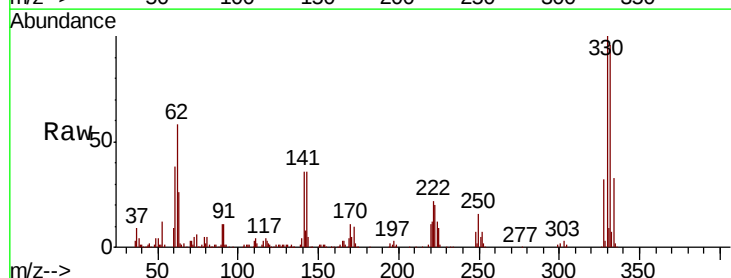


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

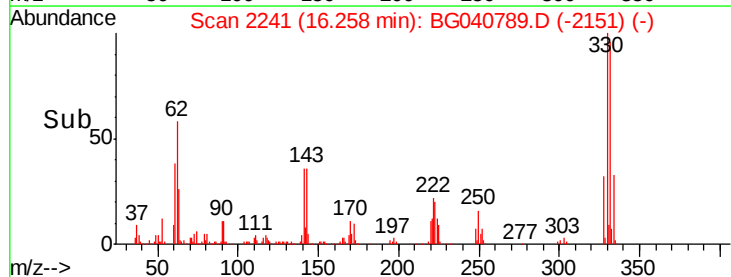
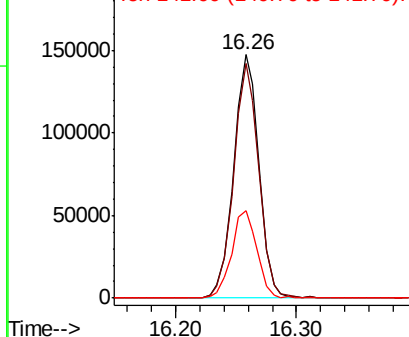


#42
2,4,6-Tribromophenol
Concen: 90.645 ng
RT: 16.26 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.5	114.7
141	36.0	28.8	43.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

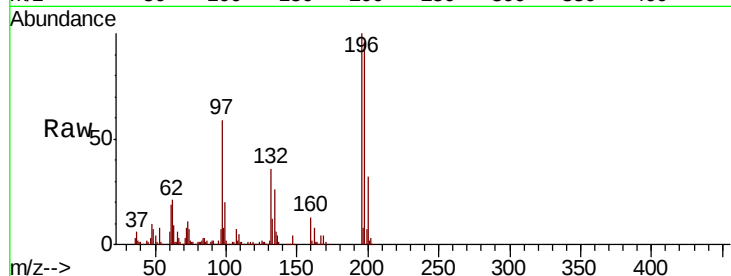




#43
 2,4,6-Trichlorophenol
 Concen: 43.246 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	167926
Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.1	115.7
200	31.7	25.4	38.0

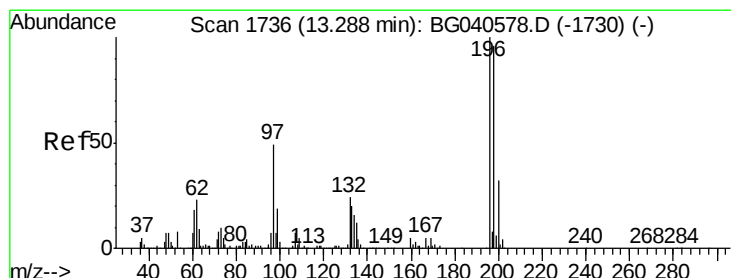
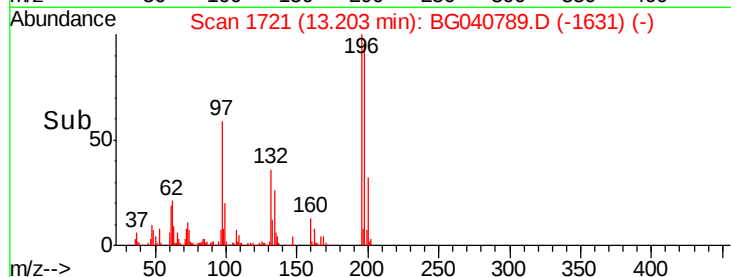
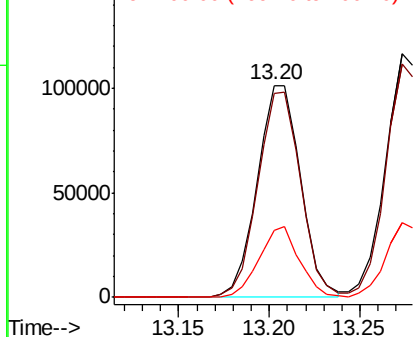


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.157 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

Tgt Ion	196	Resp	186782
Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.7	115.1
97	48.2	38.6	57.8
132	22.3	17.8	26.8

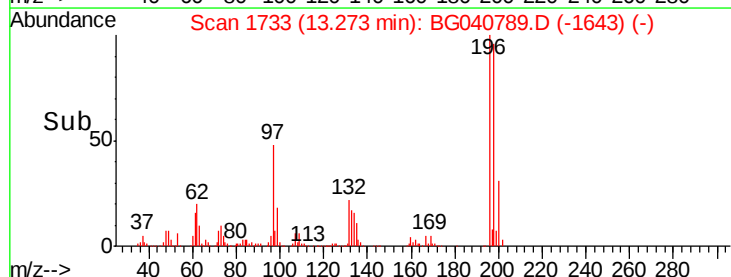
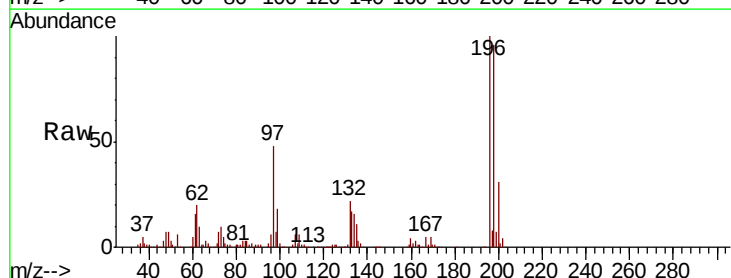
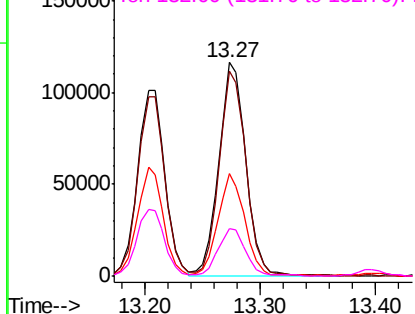
Abundance

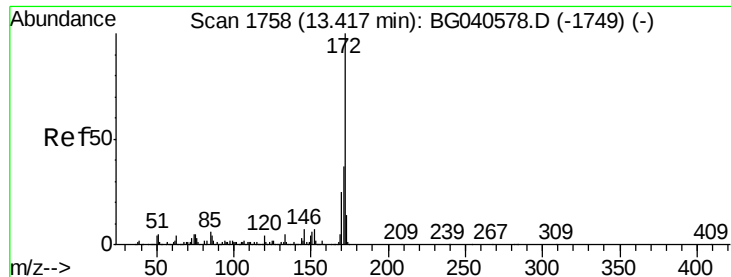
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

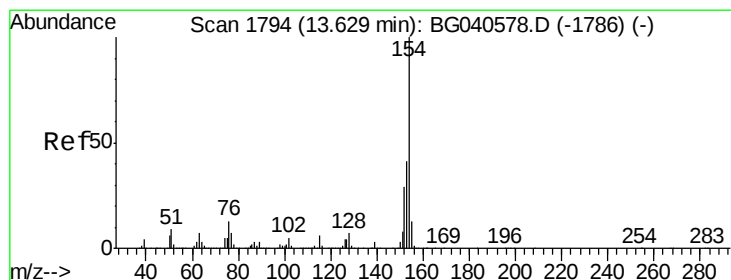
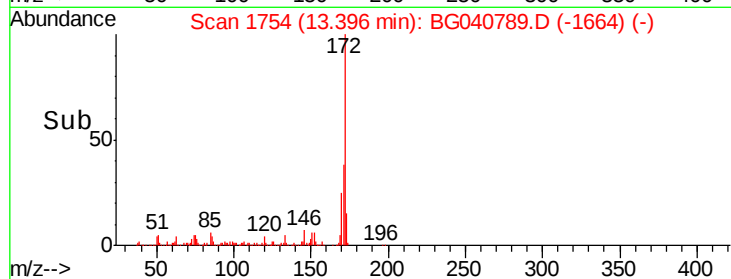
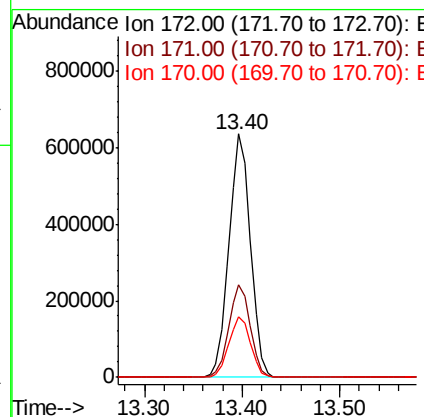
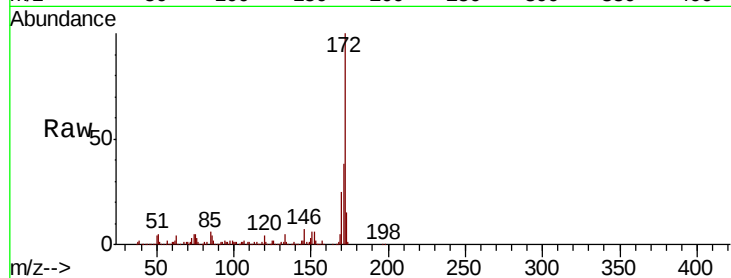




#45
 2-Fluorobiphenyl
 Concen: 80.995 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

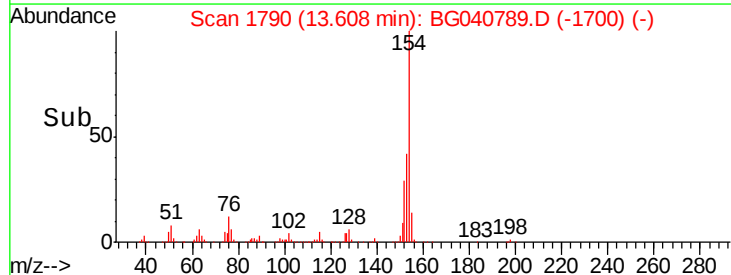
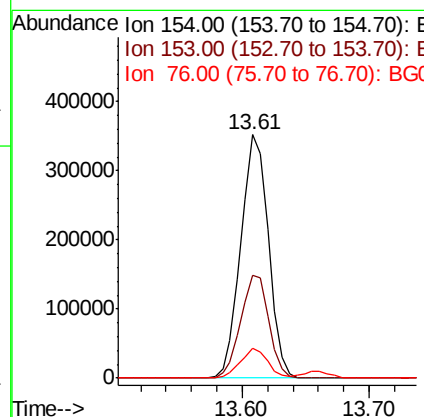
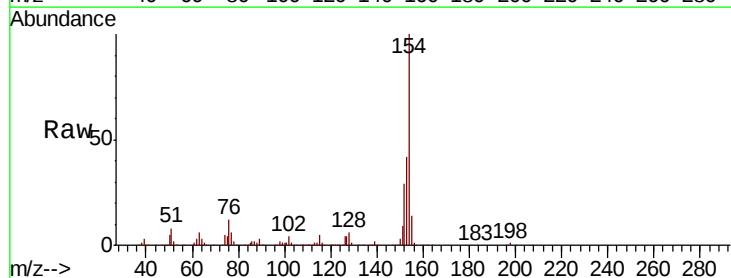
Instrument :
 BNA_G
 ClientSampleId :

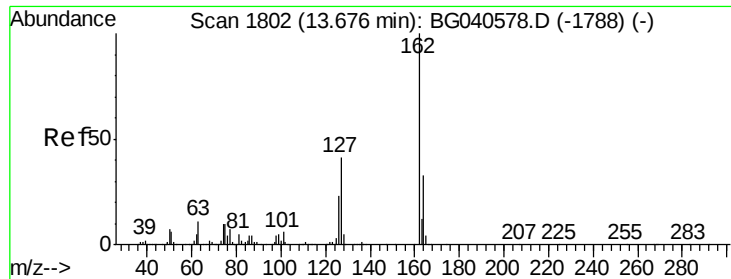
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.4	45.6
170	25.1	20.1	30.1



#46
 1,1'-Biphenyl
 Concen: 39.557 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.3	62.3
76	12.0	0.0	32.0

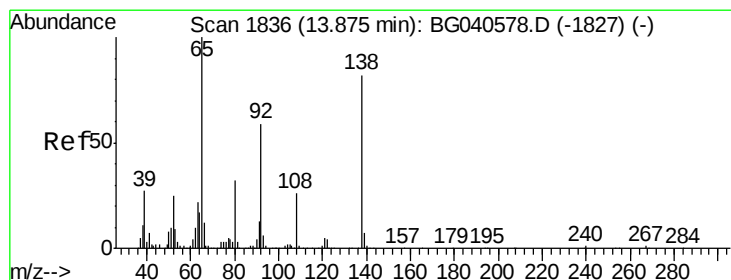
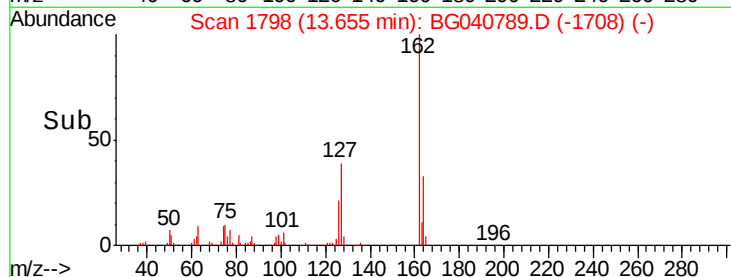
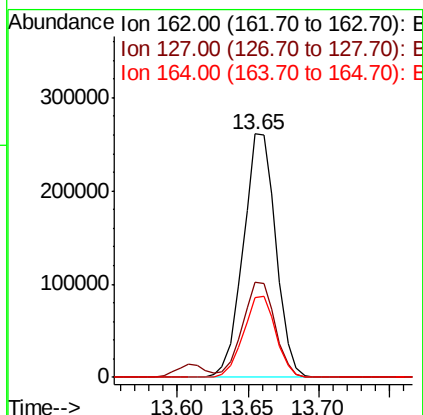
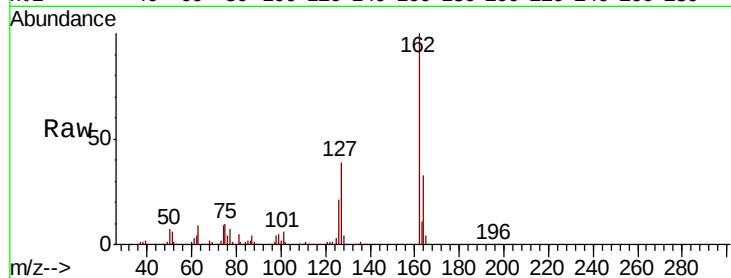




#47
2-Chloronaphthalene
Concen: 40.135 ng
RT: 13.65 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

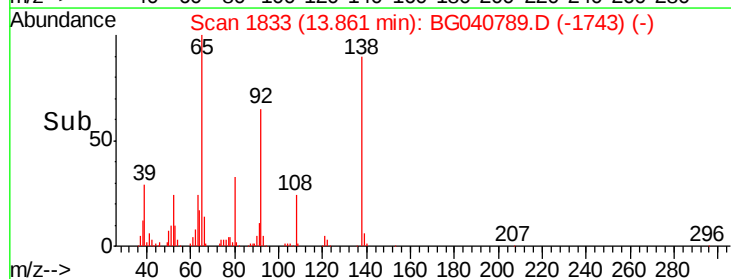
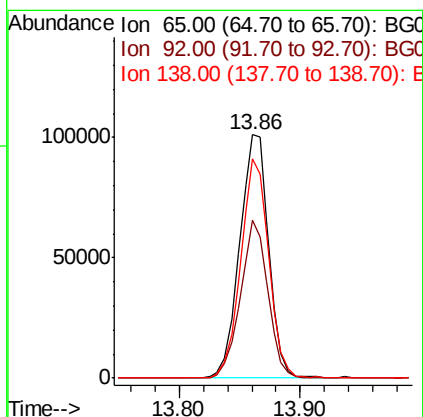
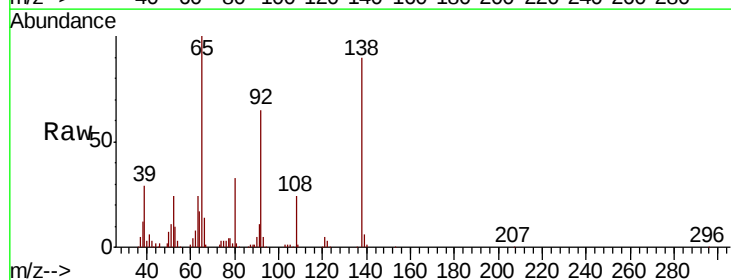
Instrument :
BNA_G
ClientSampleId :

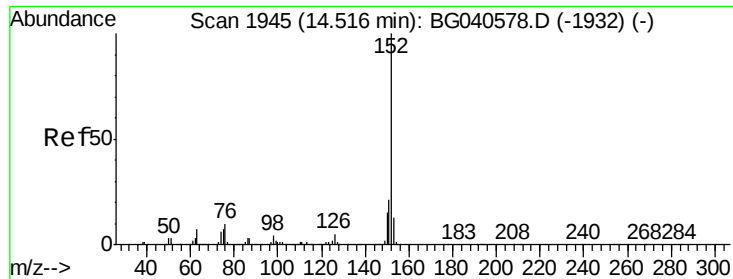
Tot Ion:162 Resp: 420634
Ion Ratio Lower Upper
162 100
127 38.8 31.0 46.6
164 32.9 26.3 39.5



#48
2-Nitroaniline
Concen: 45.367 ng
RT: 13.86 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion: 65 Resp: 169249
Ion Ratio Lower Upper
65 100
92 64.9 51.9 77.9
138 90.0 72.0 108.0





#49

Acenaphthylene

Concen: 38.965 ng

RT: 14.50 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

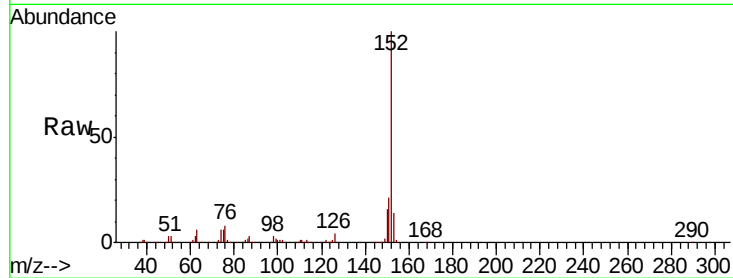
Tot Ion:152 Resp: 692844

Ion Ratio Lower Upper

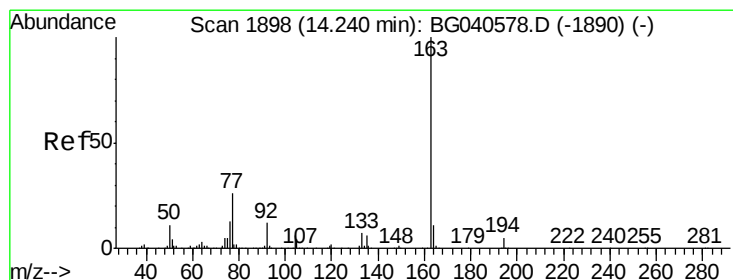
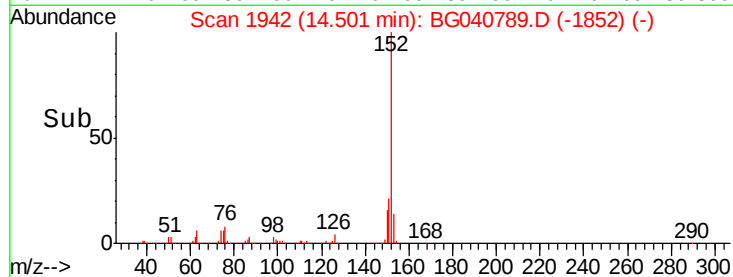
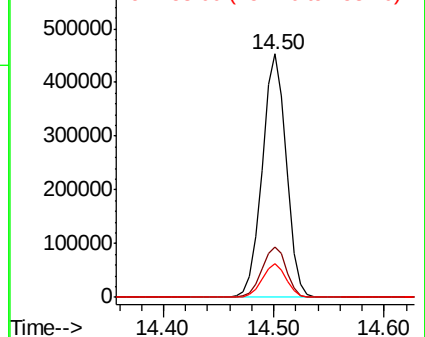
152 100

151 20.6 16.5 24.7

153 14.0 11.2 16.8



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: 39.962 ng

RT: 14.22 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

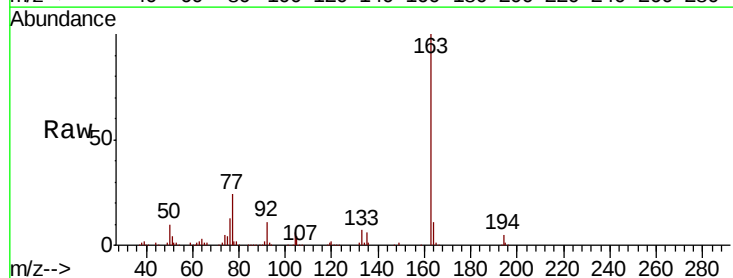
Tgt Ion:163 Resp: 576713

Ion Ratio Lower Upper

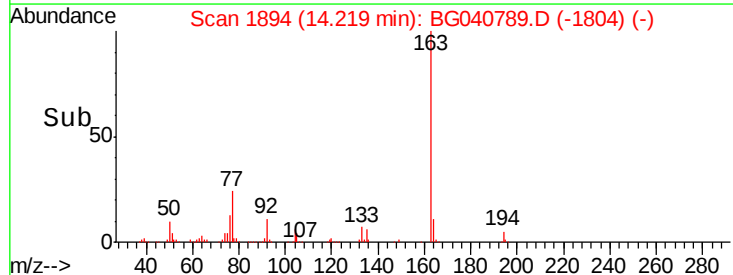
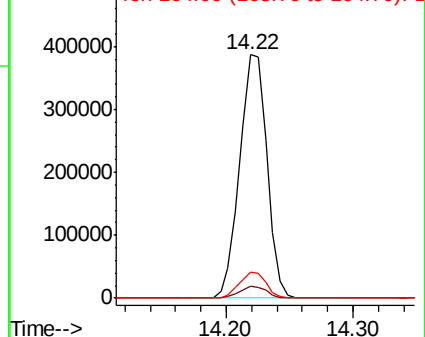
163 100

194 4.8 3.8 5.8

164 10.9 8.7 13.1



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

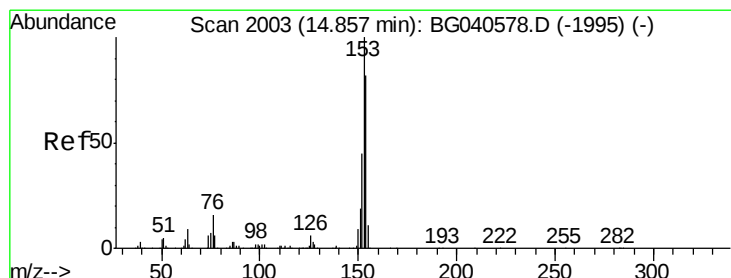
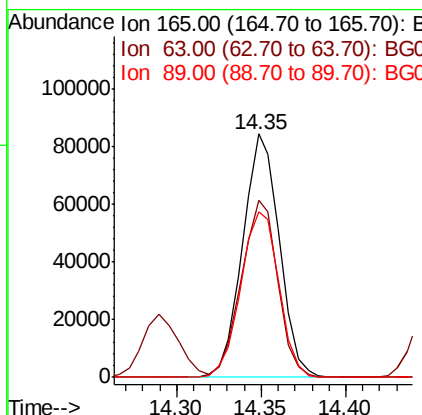
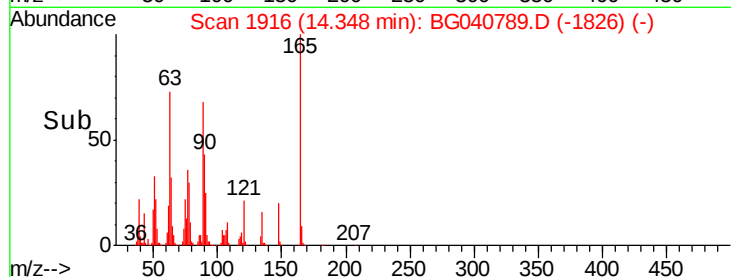
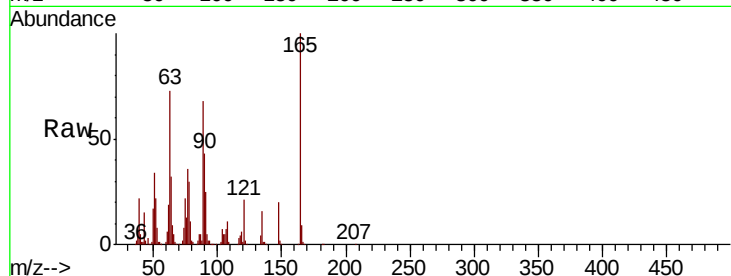




#51
2,6-Dinitrotoluene
Concen: 45.153 ng
RT: 14.35 min Scan# 1916
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

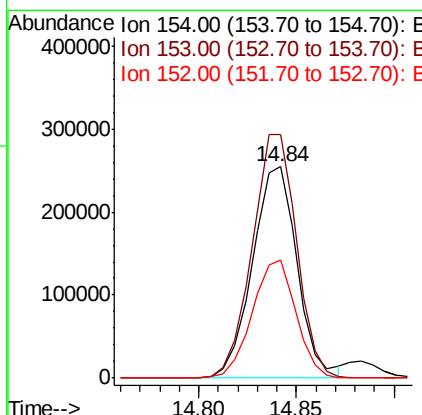
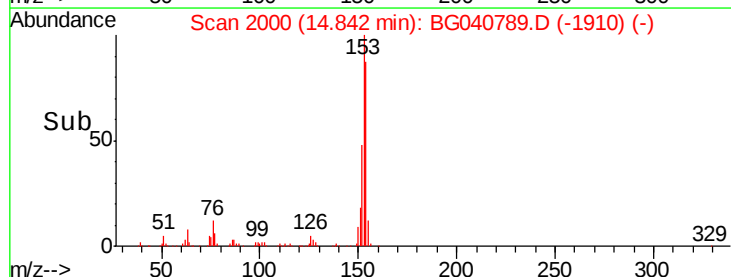
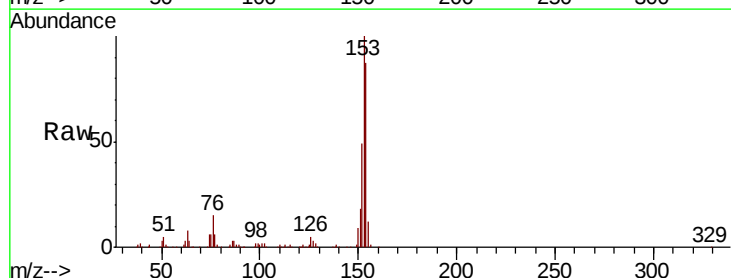
Instrument :
BNA_G
ClientSampled :

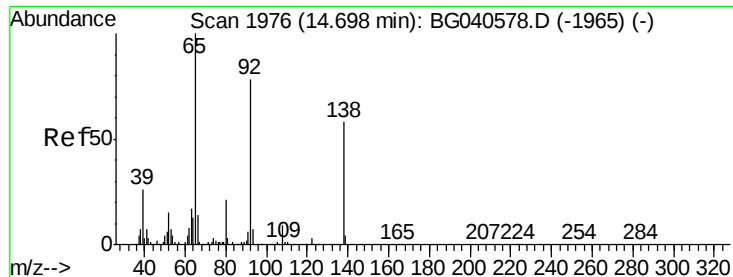
Tot Ion:165 Resp: 127179
Ion Ratio Lower Upper
165 100
63 72.8 58.2 87.4
89 68.3 54.6 82.0



#52
Acenaphthene
Concen: 39.051 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion:154 Resp: 404386
Ion Ratio Lower Upper
154 100
153 115.1 92.1 138.1
152 55.9 44.7 67.1

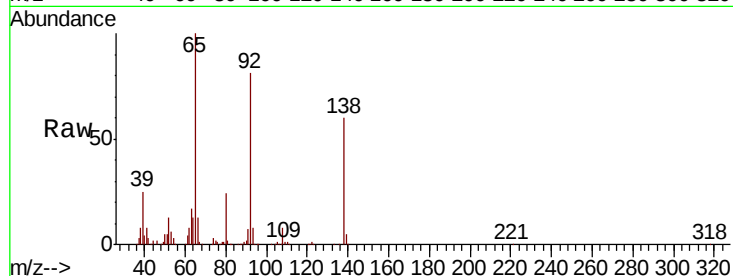




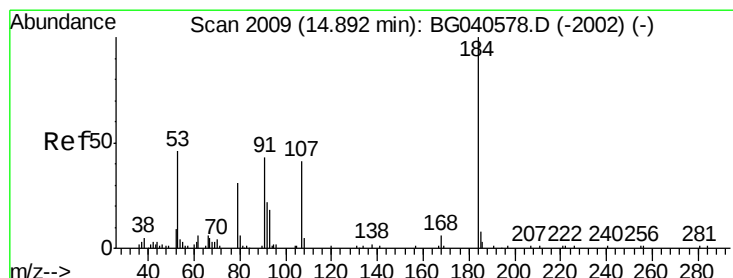
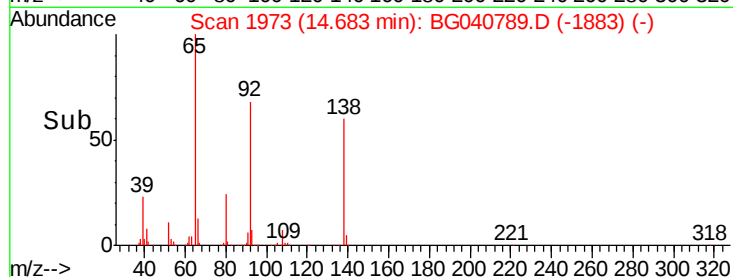
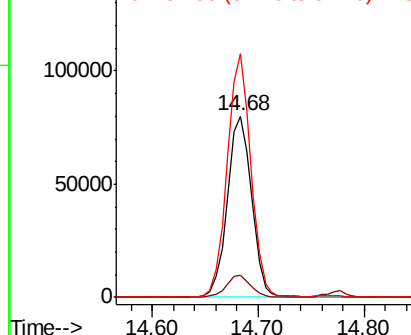
#53
3-Nitroaniline
Concen: 43.910 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 126721
Ion Ratio Lower Upper
138 100
108 12.6 10.1 15.1
92 134.2 107.4 161.0

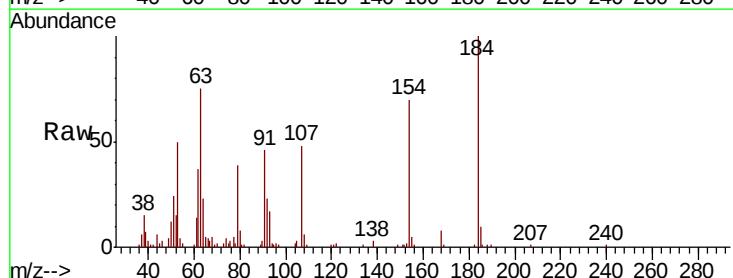


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

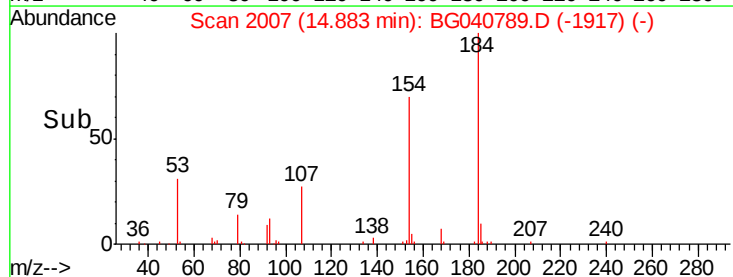
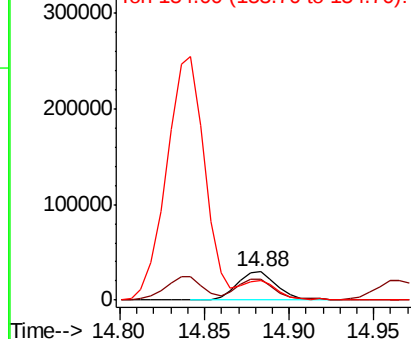


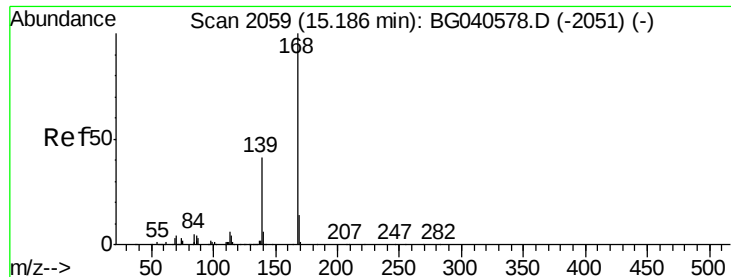
#54
2,4-Dinitrophenol
Concen: 35.150 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion:184 Resp: 48989
Ion Ratio Lower Upper
184 100
63 75.0 60.0 90.0
154 69.7 55.8 83.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 41.071 ng

RT: 15.17 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

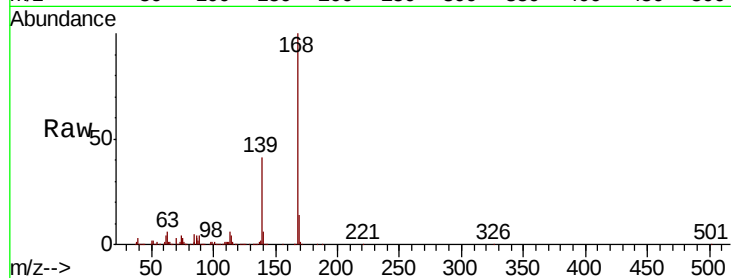
Tot Ion:168 Resp: 696609

Ion Ratio Lower Upper

168 100

139 40.7 32.6 48.8

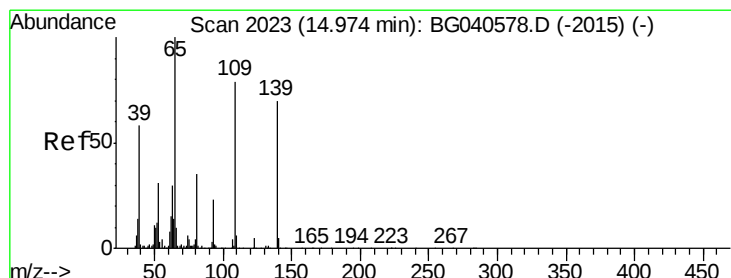
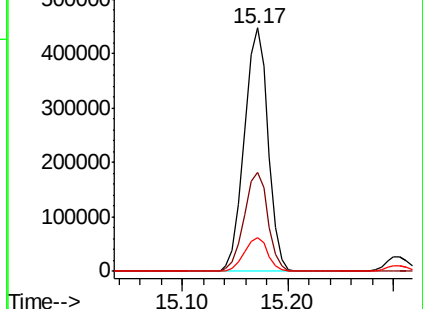
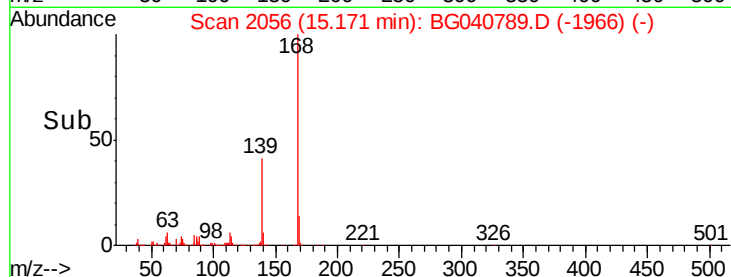
169 13.9 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 36.525 ng

RT: 14.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

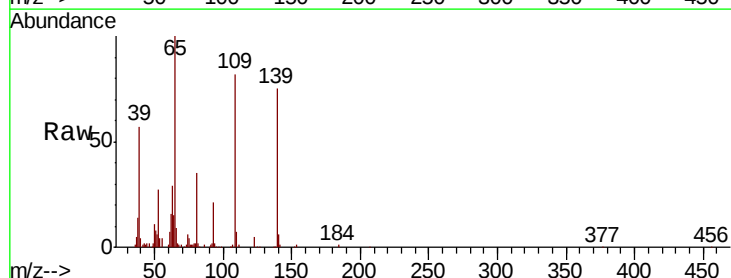
Tgt Ion:139 Resp: 91401

Ion Ratio Lower Upper

139 100

109 108.5 88.5 128.5

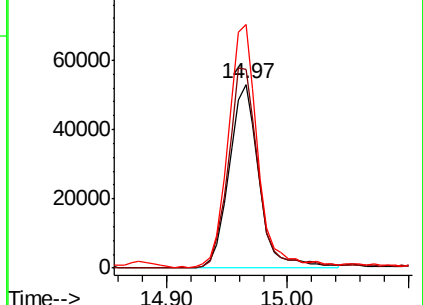
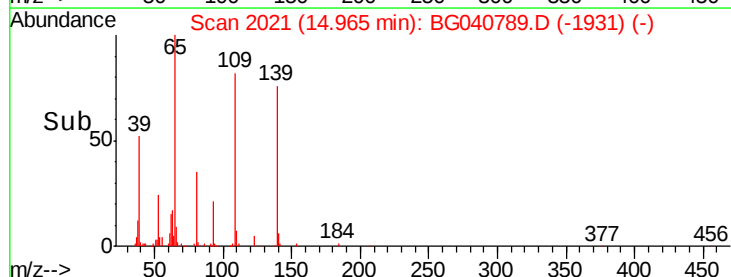
65 132.6 112.6 152.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

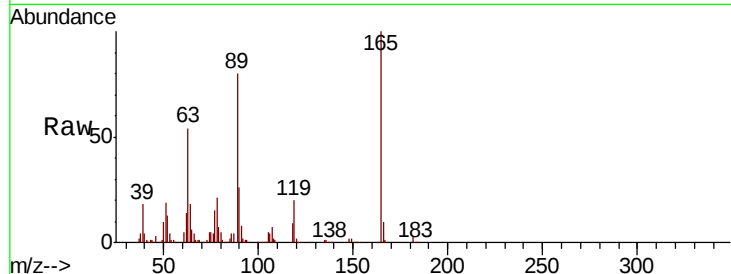




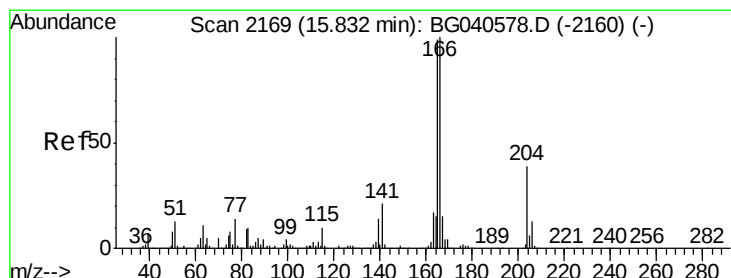
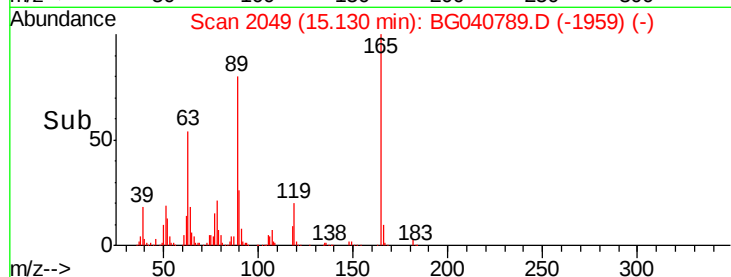
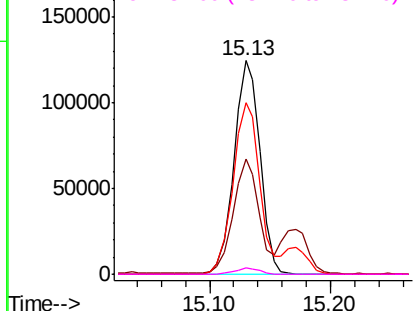
#57
 2,4-Dinitrotoluene
 Concen: 48.486 ng
 RT: 15.13 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	185571
Ion	Ratio	Lower	Upper
165	100		
63	54.0	43.2	64.8
89	80.1	64.1	96.1
182	2.8	2.2	3.4

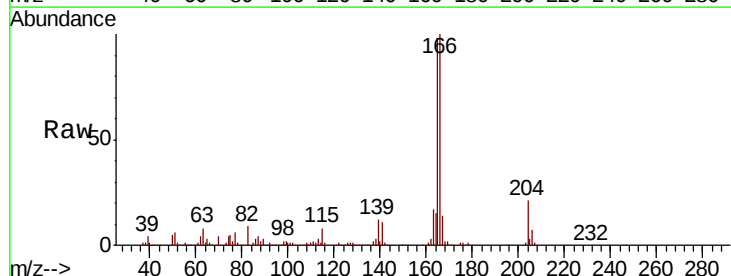


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

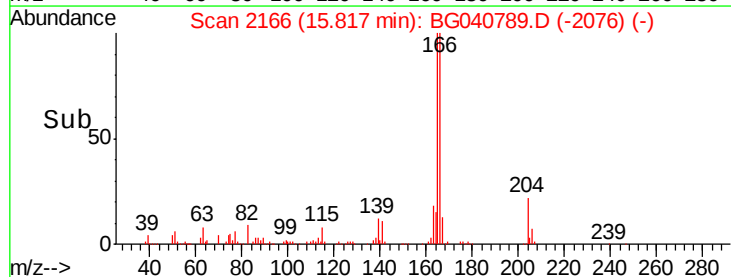
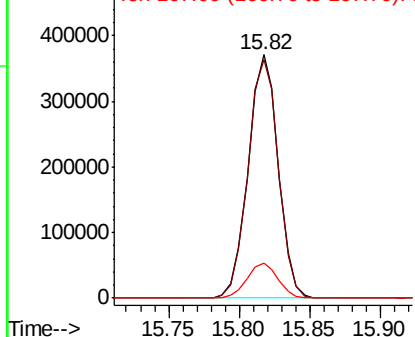


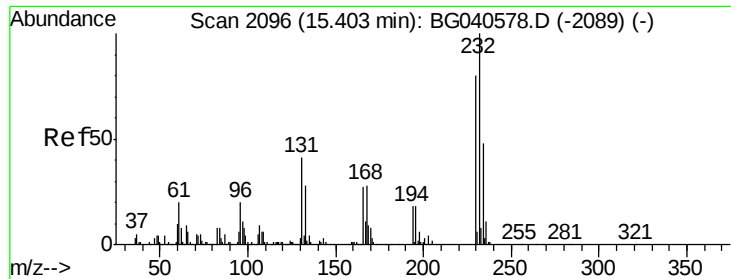
#58
 Fluorene
 Concen: 40.232 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

Tgt Ion:	166	Resp:	551538
Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.2	117.4
167	14.4	11.5	17.3



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

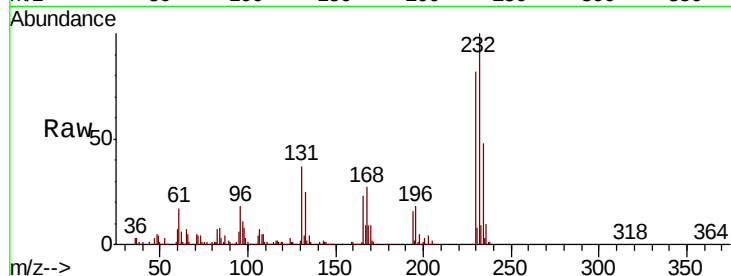




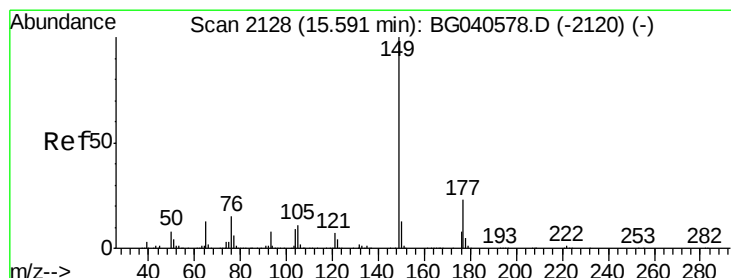
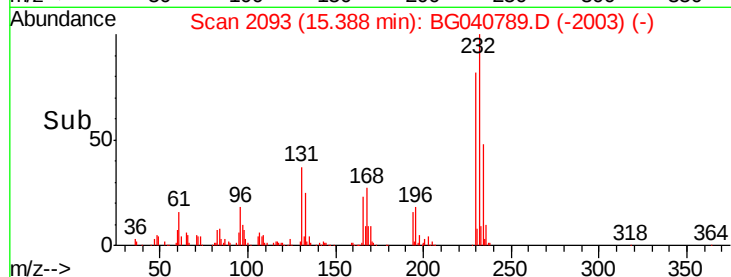
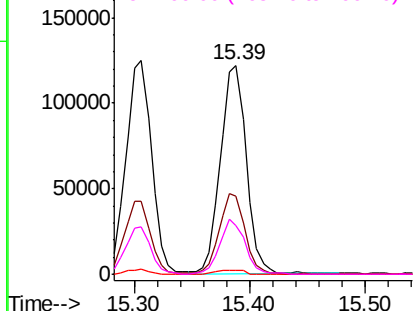
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.576 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	189784
Ion	Ratio	Lower	Upper
232	100		
131	37.8	30.2	45.4
130	2.1	1.7	2.5
166	25.8	20.6	31.0

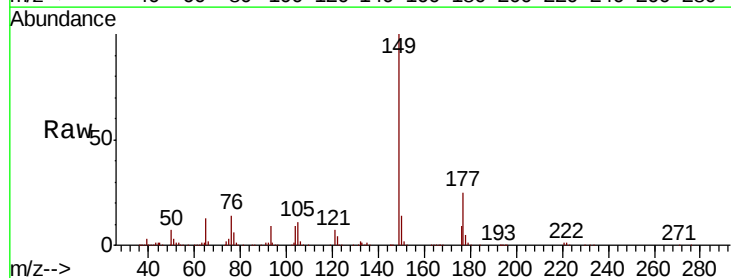


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

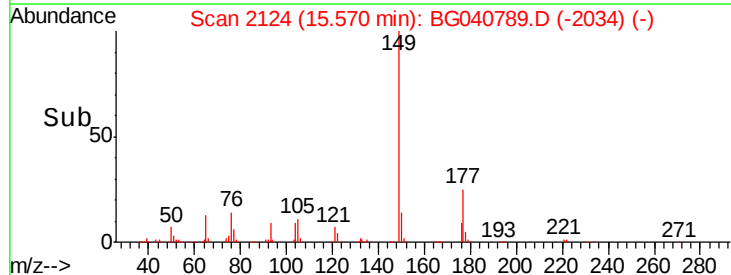
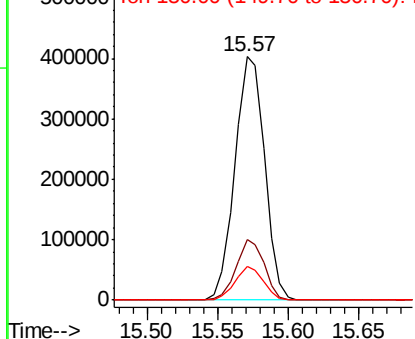


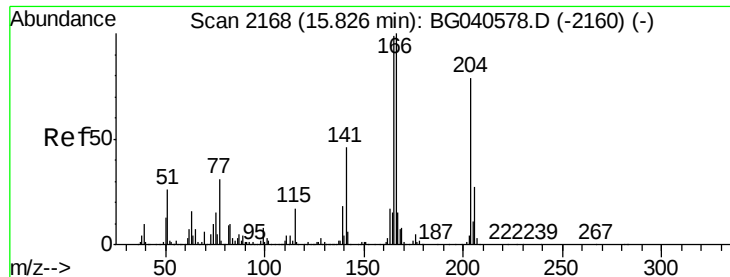
#60
 Diethylphthalate
 Concen: 38.726 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

Tgt Ion:	149	Resp:	589668
Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.7	29.5
150	14.0	11.2	16.8



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

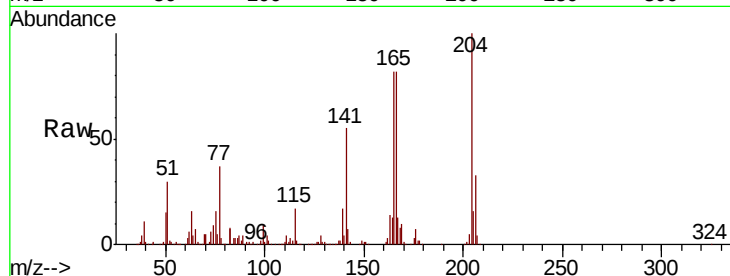




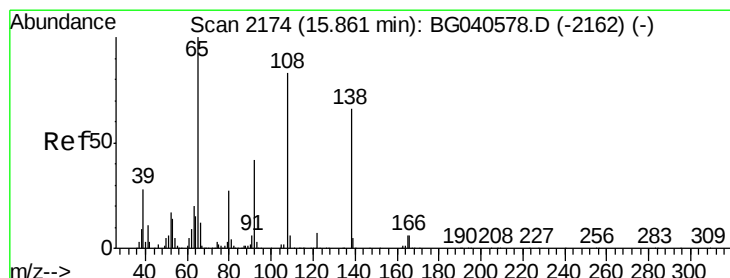
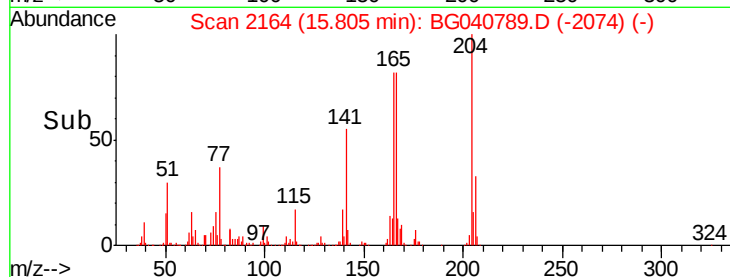
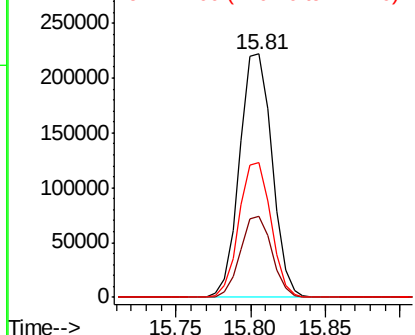
#61
4-Chlorophenyl-phenylether
Concen: 42.130 ng
RT: 15.81 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 335911
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 55.4 44.3 66.5

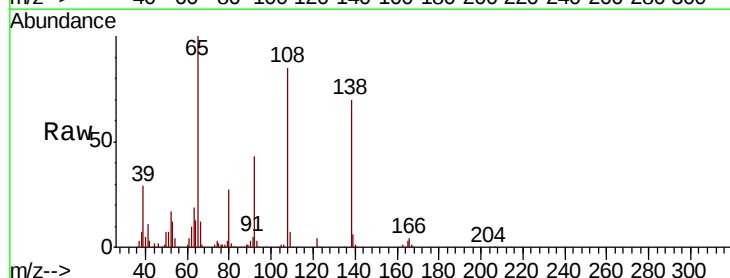


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

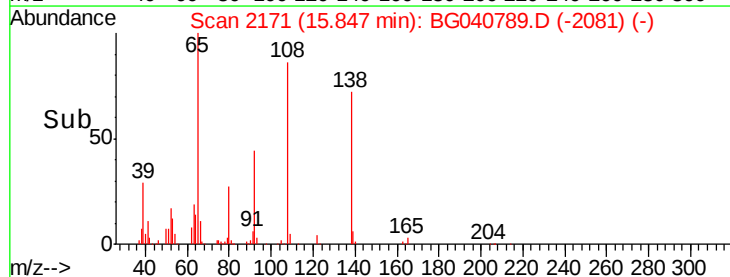
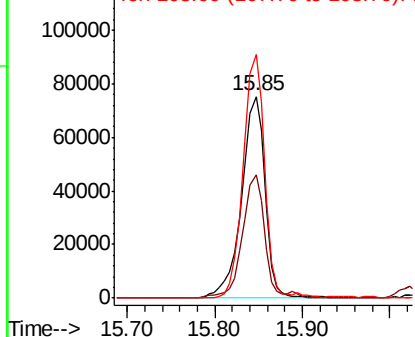


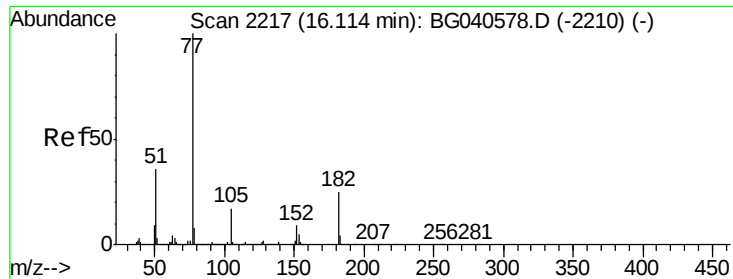
#62
4-Nitroaniline
Concen: 41.915 ng
RT: 15.85 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion:138 Resp: 135314
Ion Ratio Lower Upper
138 100
92 61.0 41.0 81.0
108 120.9 100.9 140.9



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

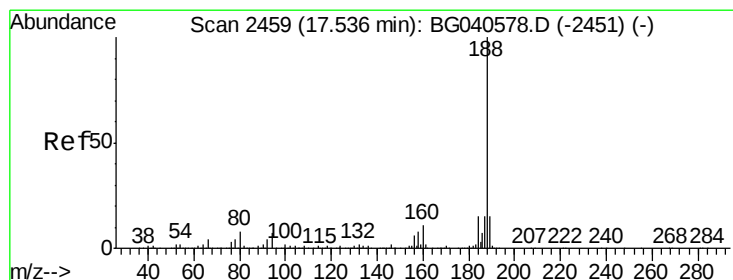
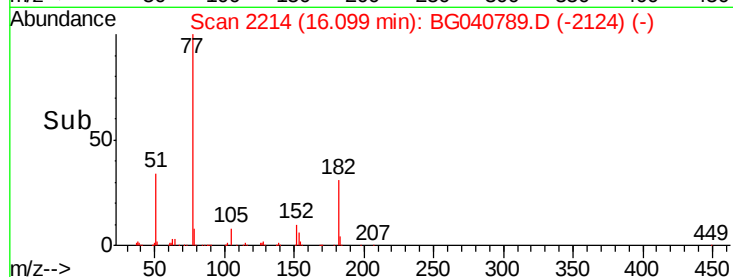
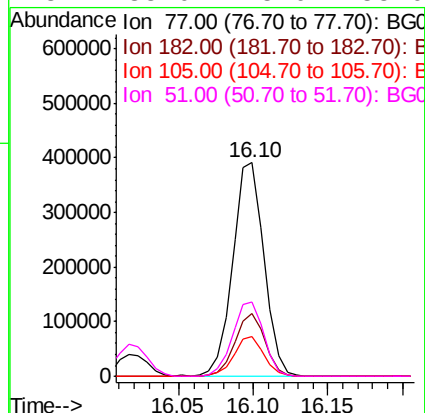
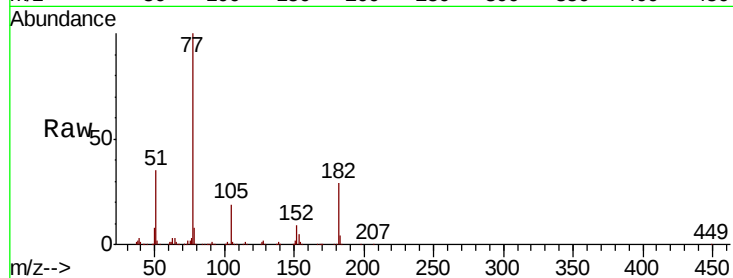




#63
Azobenzene
Concen: 36.345 ng
RT: 16.10 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

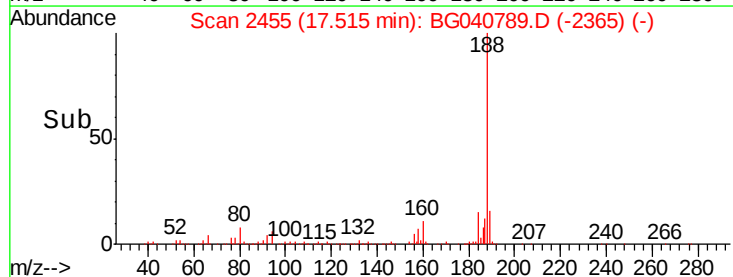
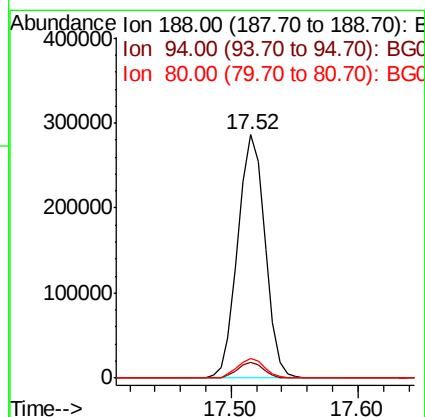
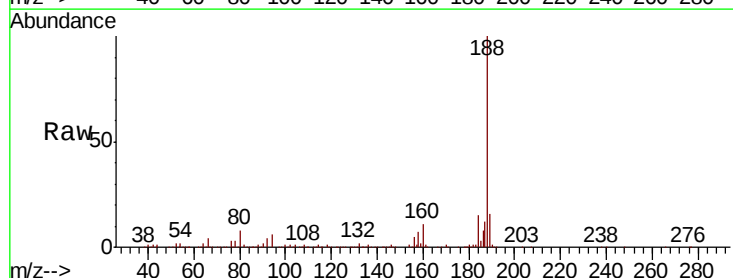
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	569930
Ion	Ratio	Lower	Upper
77	100		
182	29.2	9.2	49.2
105	18.6	0.0	38.6
51	35.0	15.0	55.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion:	188	Resp:	426902
Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.0	7.6
80	8.1	6.5	9.7





#65

4,6-Dinitro-2-methylphenol

Concen: 41.905 ng

RT: 15.89 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

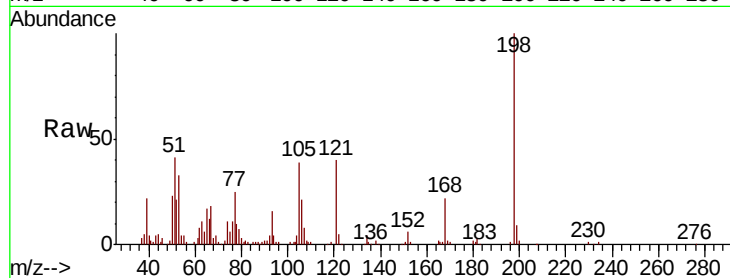
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 85920

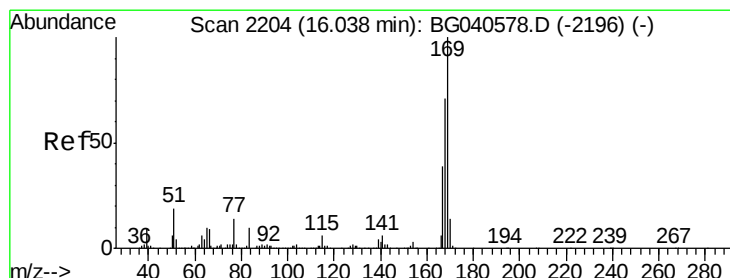
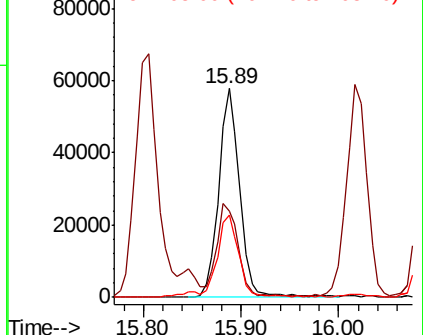
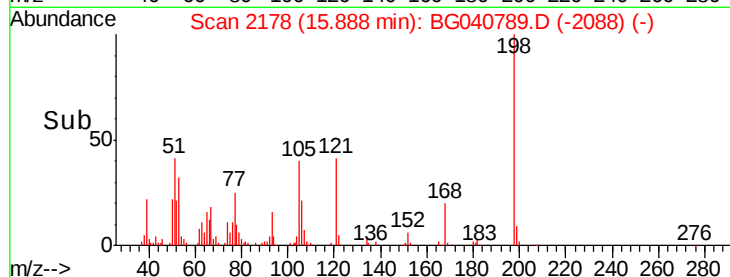
Ion	Ratio	Lower	Upper
198	100		
51	41.0	21.0	61.0
105	39.3	19.3	59.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG040789.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): BG040789.D (-2174) (-)



#66

n-Nitrosodiphenylamine

Concen: 39.418 ng

RT: 16.02 min Scan# 2201

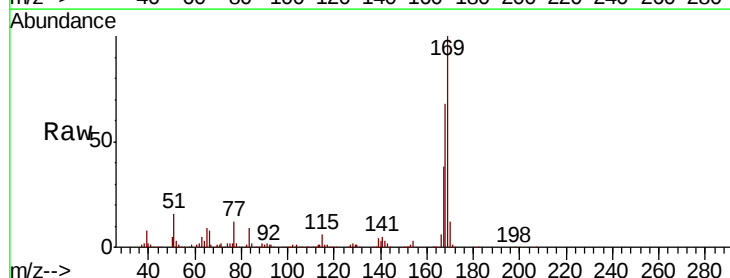
Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Tgt Ion:169 Resp: 495087

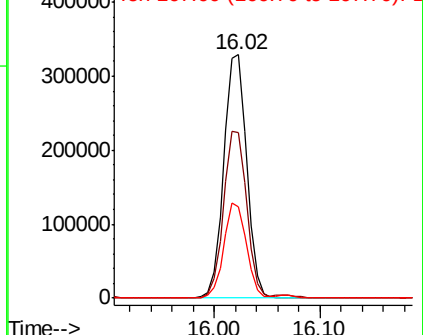
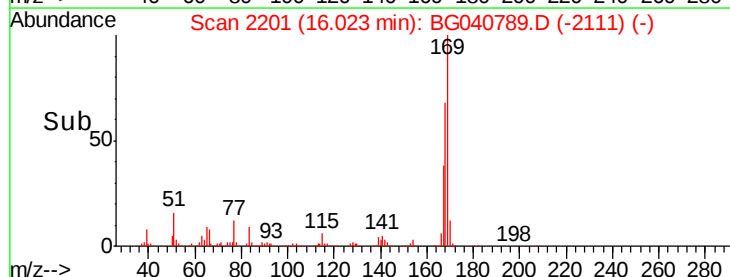
Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.5	81.7
167	37.7	30.2	45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG040789.D (-2196) (-)

Ion 167.00 (166.70 to 167.70): BG040789.D (-2196) (-)





#67

4-Bromophenyl-phenylether

Concen: 42.545 ng

RT: 16.70 min Scan# 2316

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

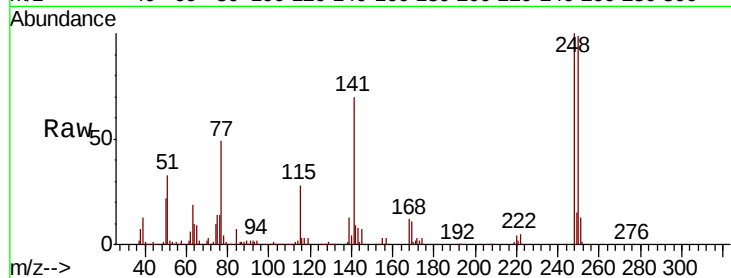
Tot Ion:248 Resp: 226277

Ion Ratio Lower Upper

248 100

250 99.2 79.4 119.0

141 70.1 56.1 84.1

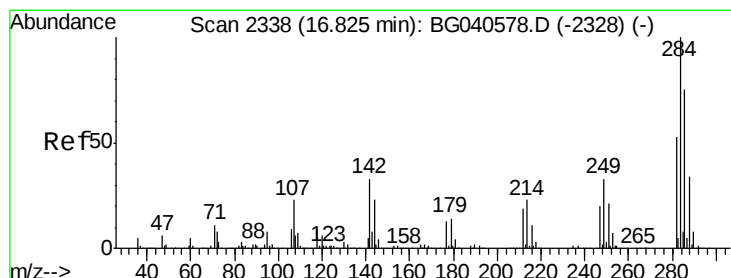
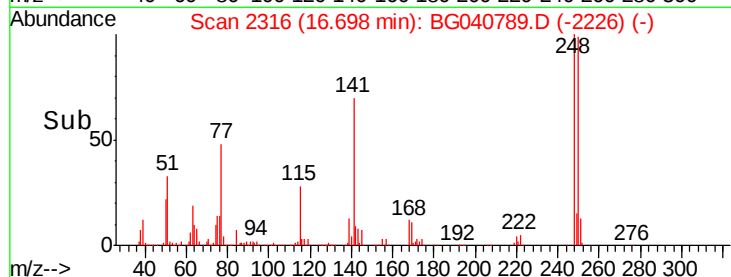
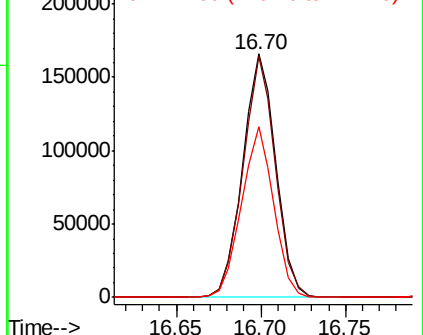


Abundance

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: 43.020 ng

RT: 16.81 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

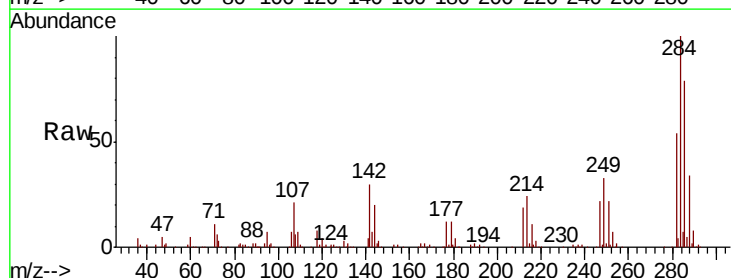
Tgt Ion:284 Resp: 236586

Ion Ratio Lower Upper

284 100

142 30.1 24.1 36.1

249 32.7 26.2 39.2

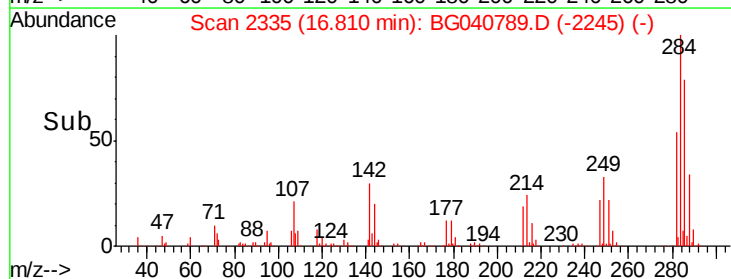
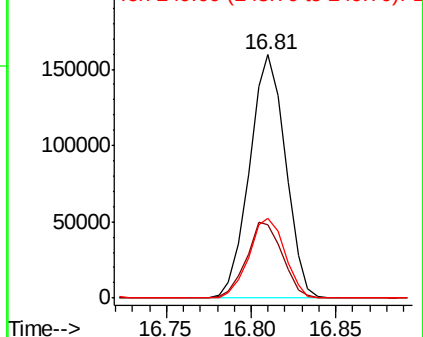


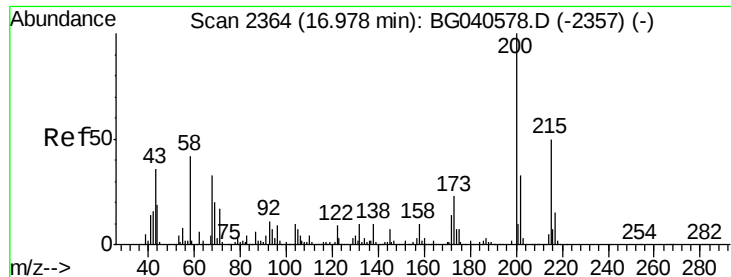
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

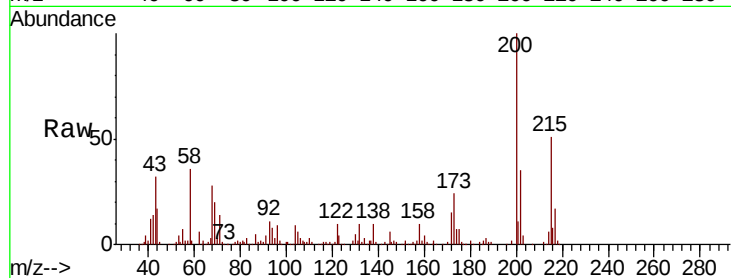




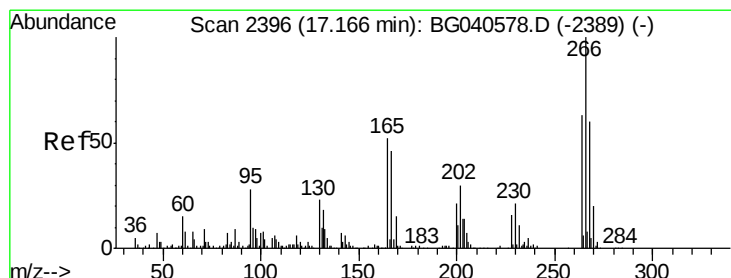
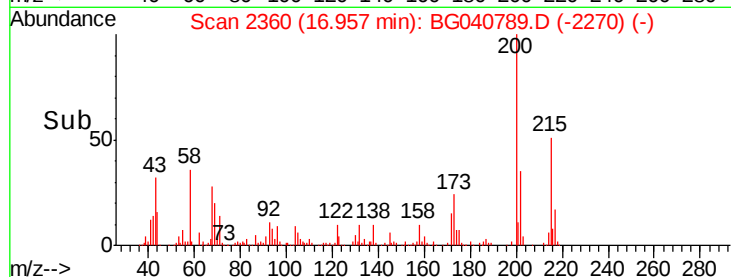
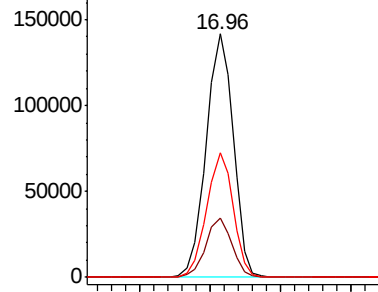
#69
 Atrazine
 Concen: 38.206 ng
 RT: 16.96 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.3	44.3
215	51.4	31.4	71.4

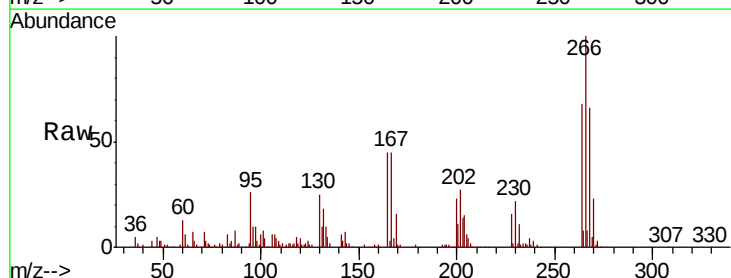


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

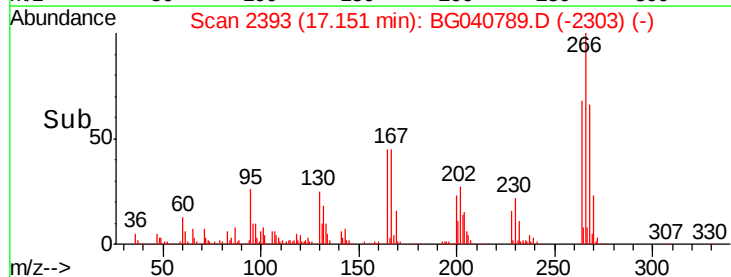
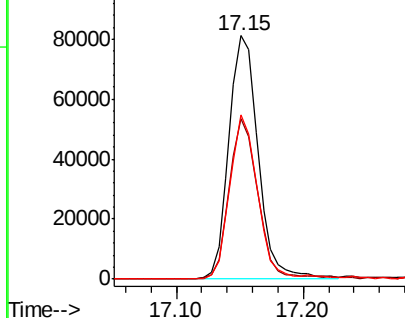


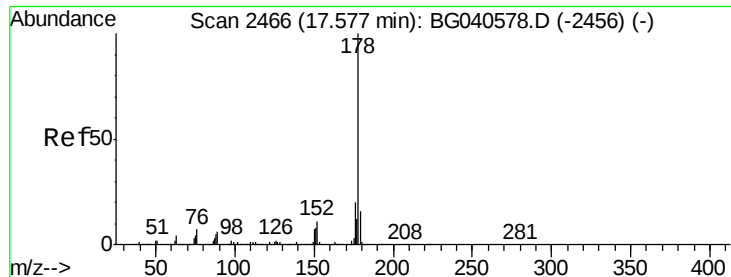
#70
 Pentachlorophenol
 Concen: 40.368 ng
 RT: 17.15 min Scan# 2393
 Delta R.T. 0.00 min
 Lab File: BG040789.D
 Acq: 8 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	52.7	79.1
264	67.5	54.0	81.0



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: 40.221 ng

RT: 17.56 min Scan# 2463

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

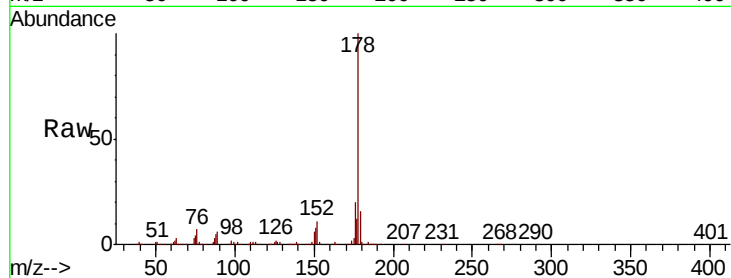
Tot Ion:178 Resp: 924848

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.2

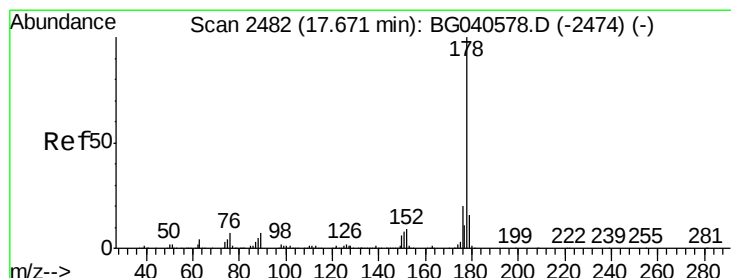
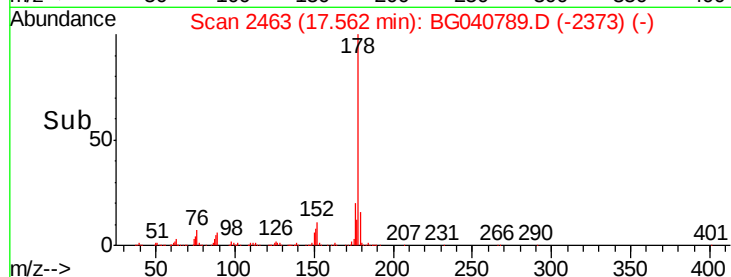
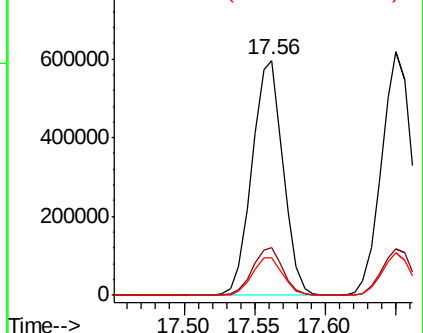
179 16.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.137 ng

RT: 17.65 min Scan# 2478

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

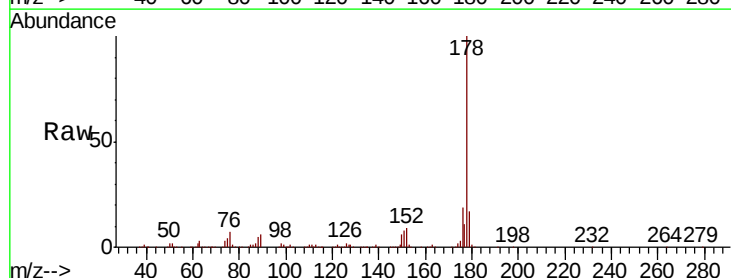
Tgt Ion:178 Resp: 927691

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

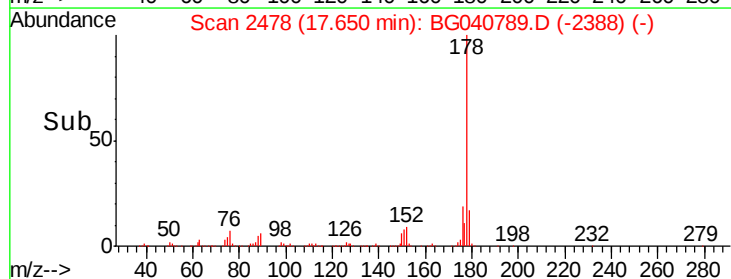
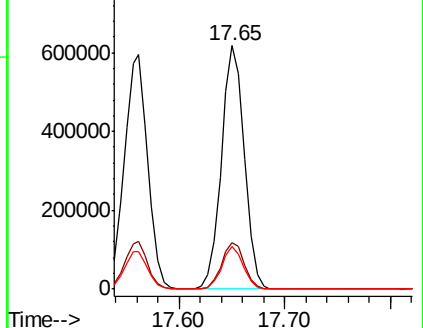
179 17.5 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.573 ng

RT: 17.92 min Scan# 2524

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

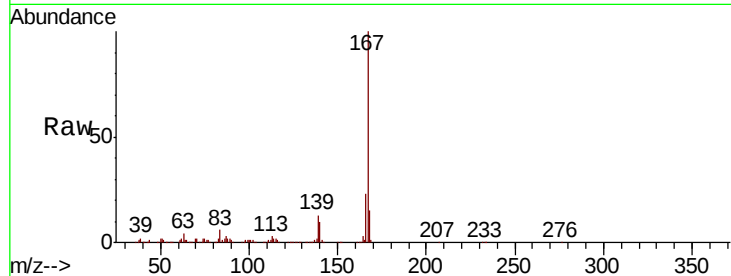
Tot Ion:167 Resp: 812250

Ion Ratio Lower Upper

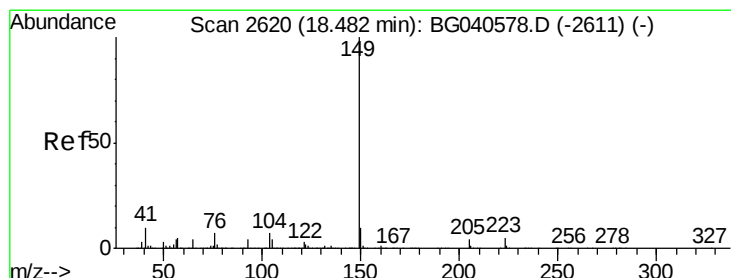
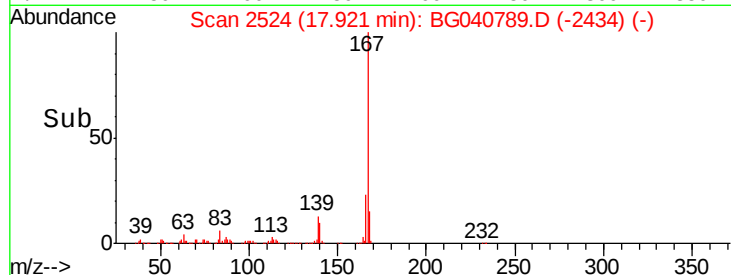
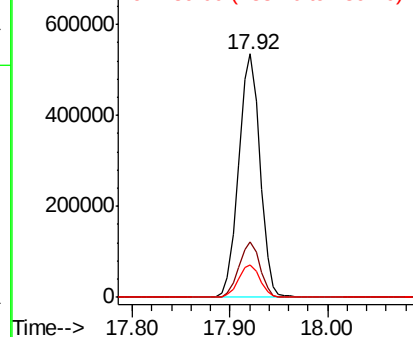
167 100

166 22.7 18.2 27.2

139 13.2 10.6 15.8



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: 38.079 ng

RT: 18.46 min Scan# 2615

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

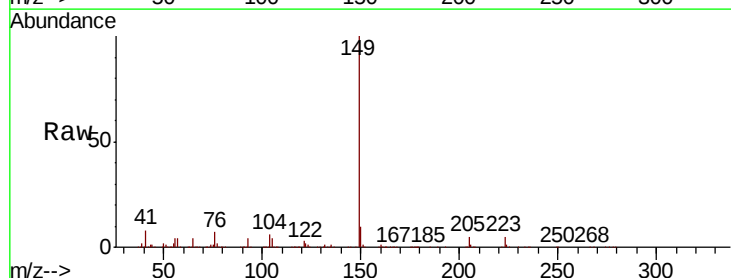
Tgt Ion:149 Resp: 967834

Ion Ratio Lower Upper

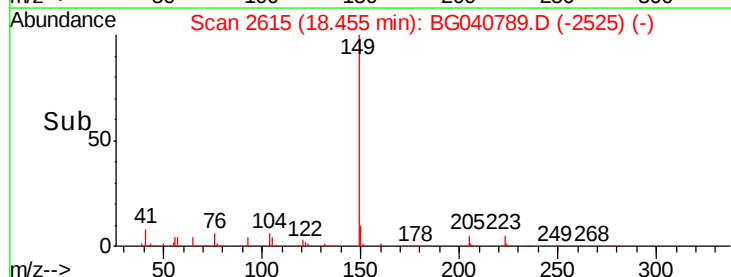
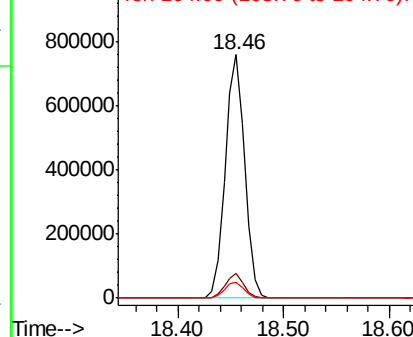
149 100

150 9.9 7.9 11.9

104 6.4 5.1 7.7



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: 40.600 ng

RT: 19.56 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

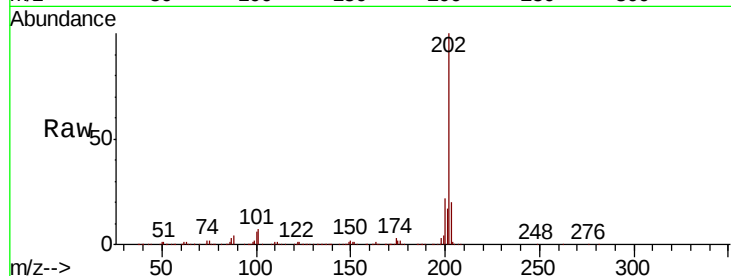
Tot Ion:202 Resp: 1163358

Ion Ratio Lower Upper

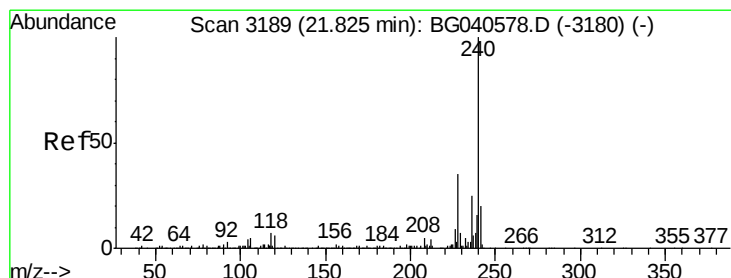
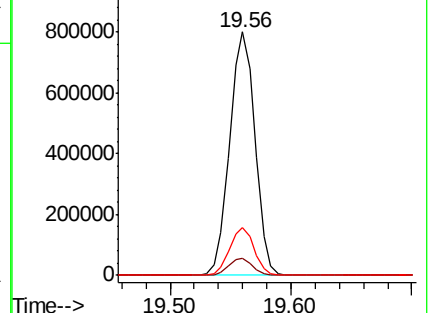
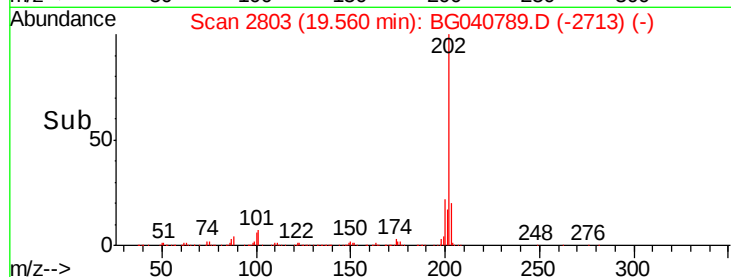
202 100

101 6.8 0.0 26.8

203 19.7 0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3184

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

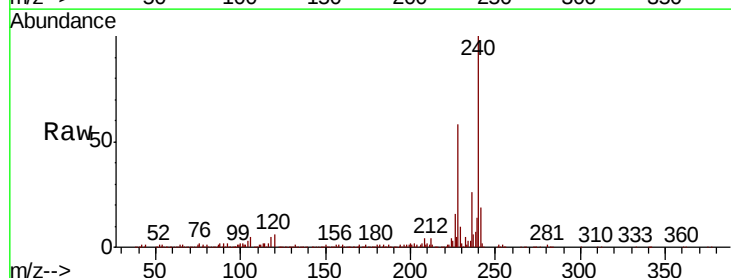
Tgt Ion:240 Resp: 469845

Ion Ratio Lower Upper

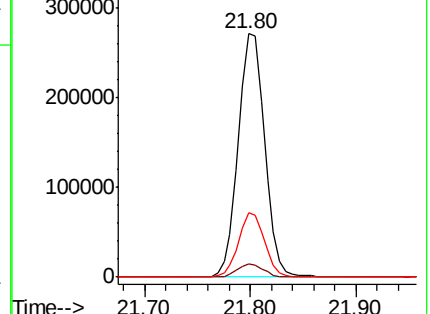
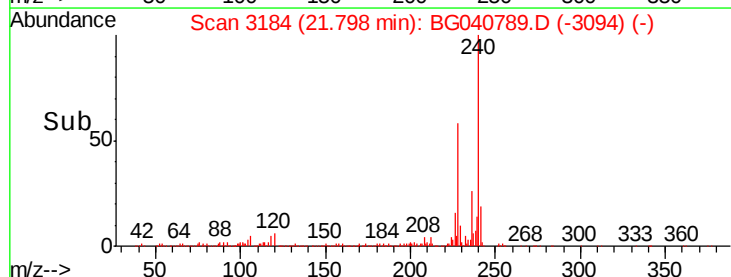
240 100

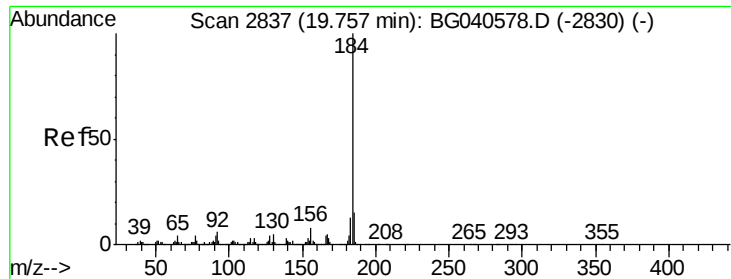
120 5.6 4.5 6.7

236 26.5 21.2 31.8



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: 31.663 ng

RT: 19.74 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

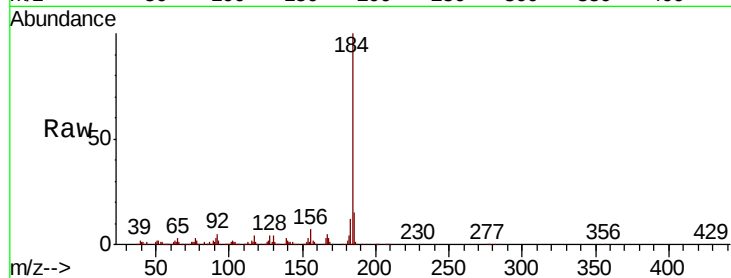
Tot Ion:184 Resp: 407335

Ion Ratio Lower Upper

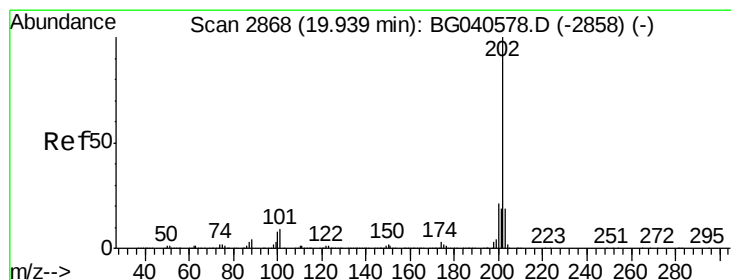
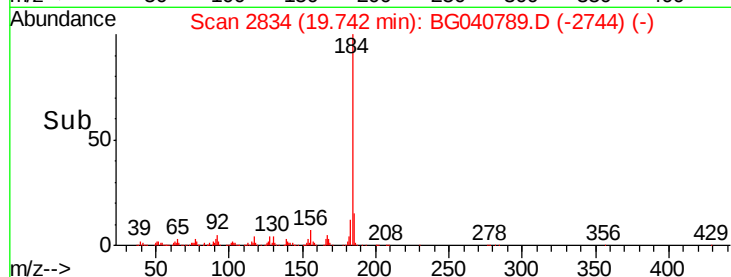
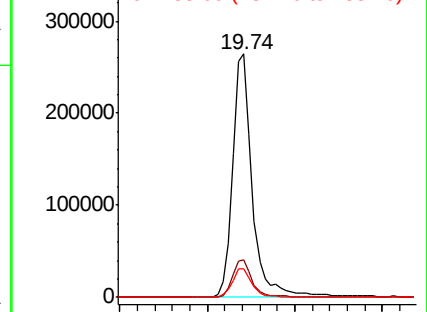
184 100

185 15.2 12.2 18.2

183 11.7 9.4 14.0



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: 39.760 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

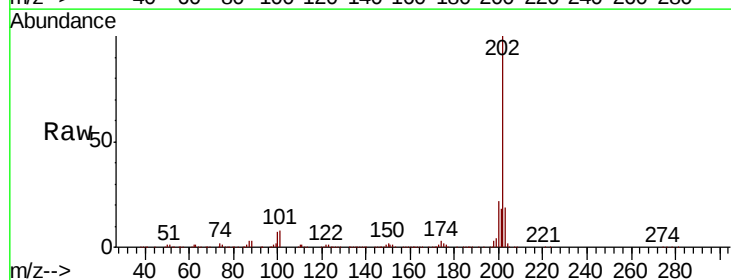
Tgt Ion:202 Resp: 1170860

Ion Ratio Lower Upper

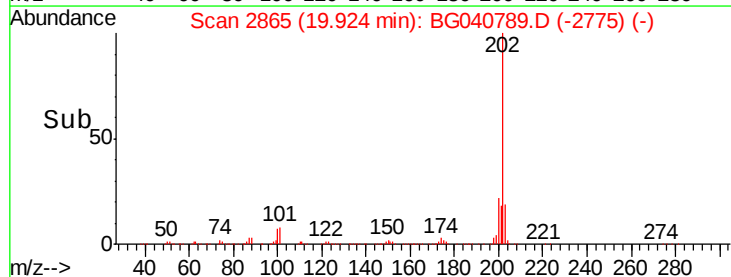
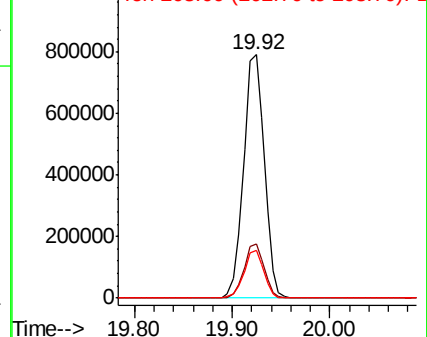
202 100

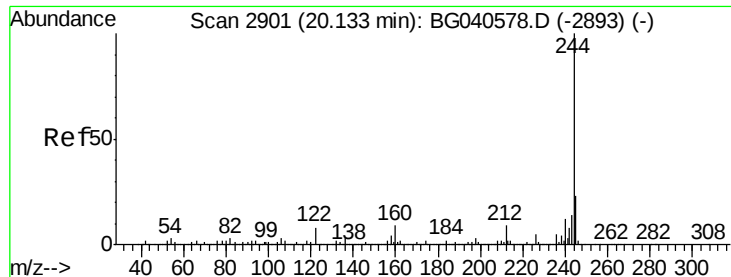
200 22.5 18.0 27.0

203 19.4 15.5 23.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.146 ng

RT: 20.11 min Scan# 2897

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampleId :

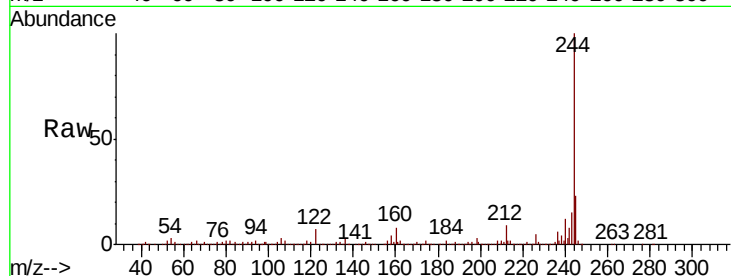
Tot Ion:244 Resp: 1678513

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.4	11.0
122	7.3	5.8	8.8

244 100

212 9.2 7.4 11.0

122 7.3 5.8 8.8

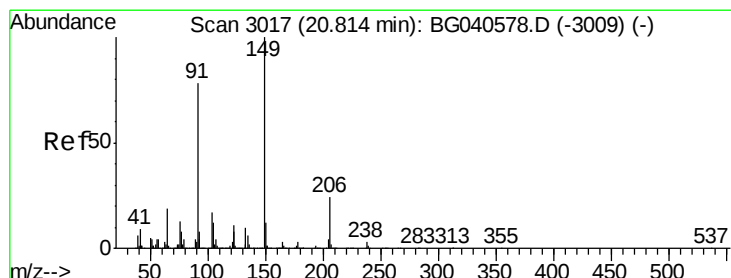
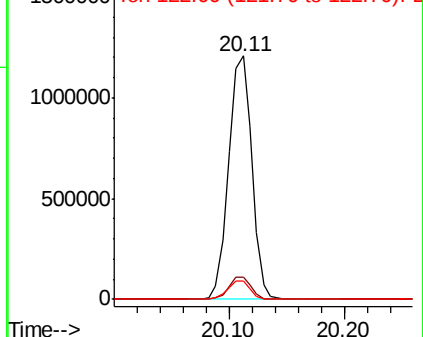
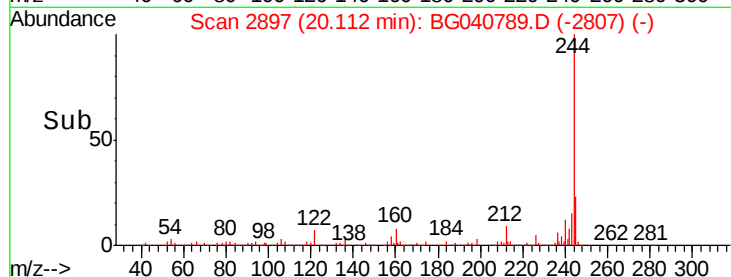


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.240 ng

RT: 20.79 min Scan# 3013

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

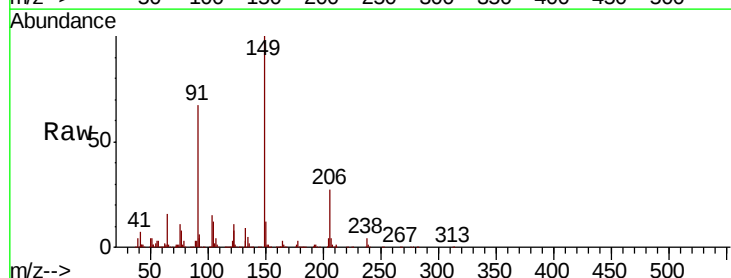
Tgt Ion:149 Resp: 438890

Ion	Ratio	Lower	Upper
149	100		
91	67.2	53.8	80.6
206	27.3	21.8	32.8

149 100

91 67.2 53.8 80.6

206 27.3 21.8 32.8

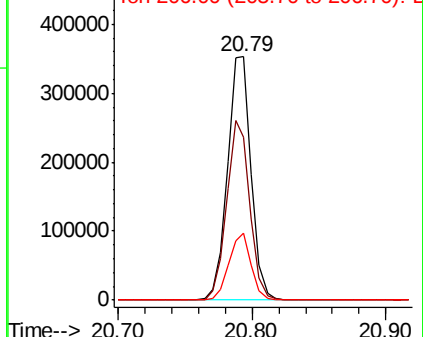
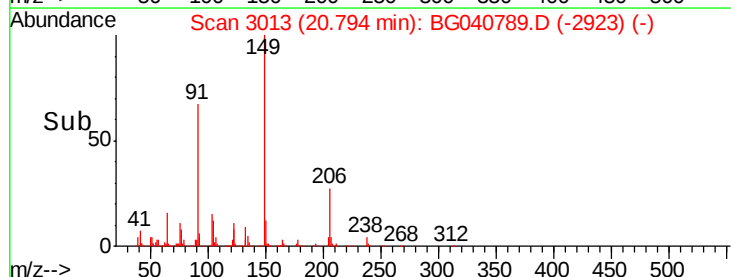


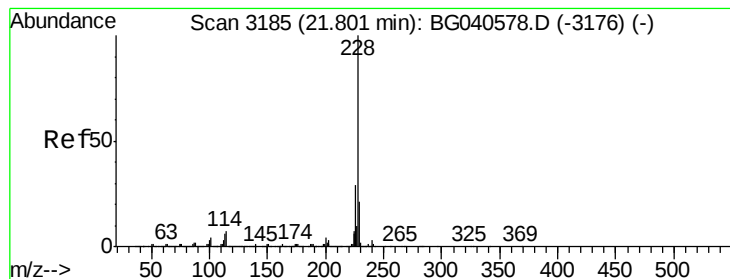
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.317 ng

RT: 21.78 min Scan# 3181

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

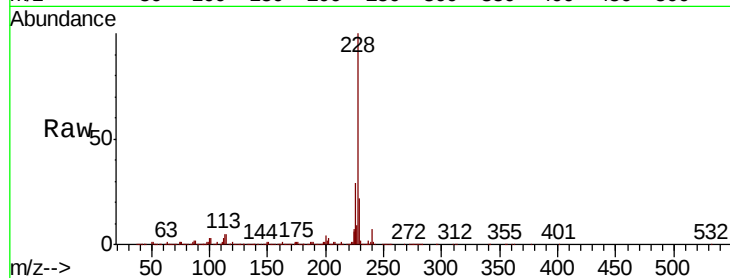
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1167505

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.3	34.9
229	21.7	17.4	26.0

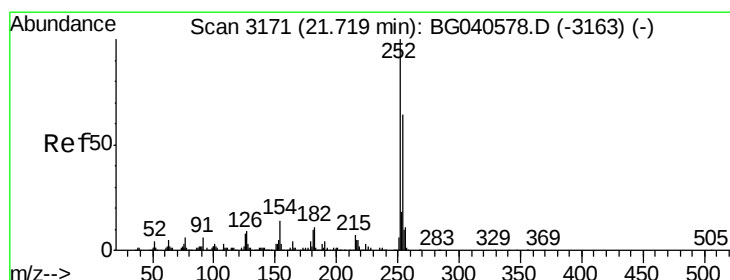
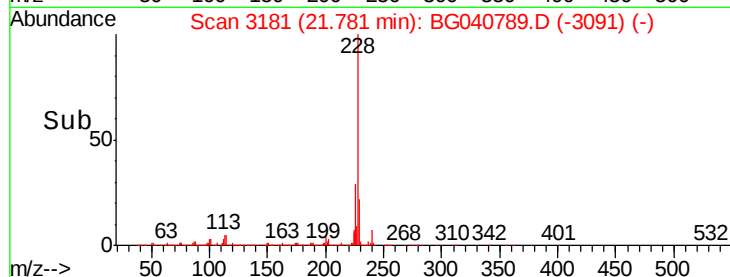
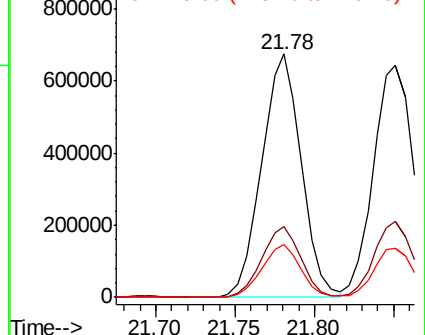


Abundance

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: 37.318 ng

RT: 21.69 min Scan# 3166

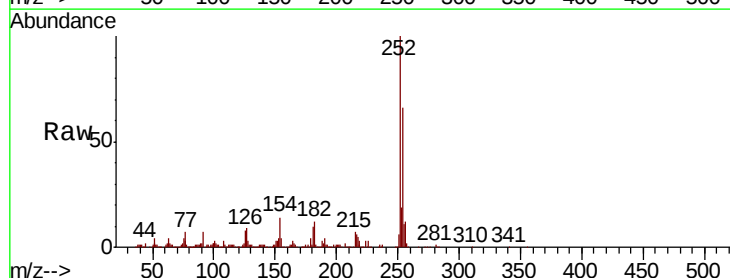
Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Tgt Ion:252 Resp: 394966

Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.8	79.2
126	7.7	6.2	9.2

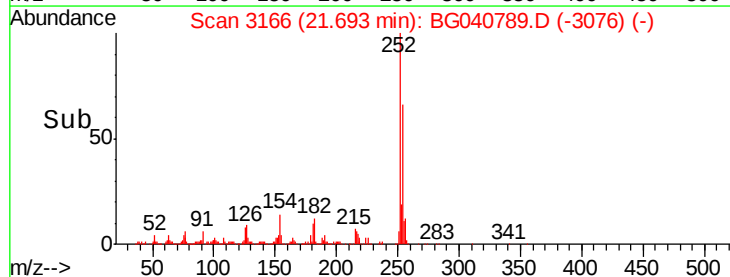
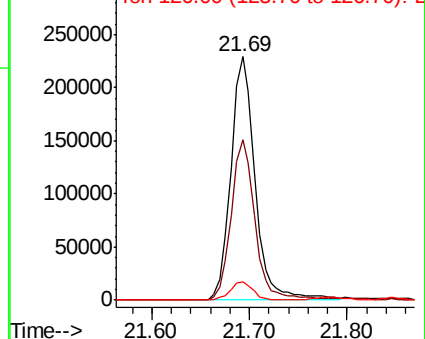


Abundance

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: 39.697 ng

RT: 21.85 min Scan# 3193

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Instrument :

BNA_G

ClientSampled :

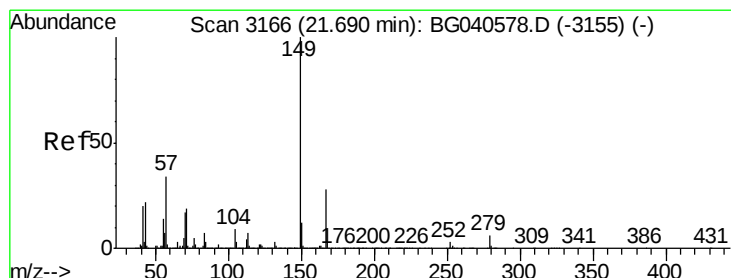
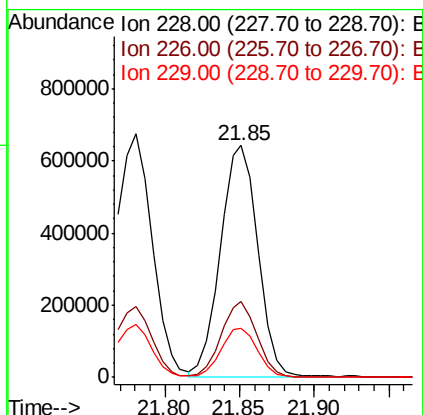
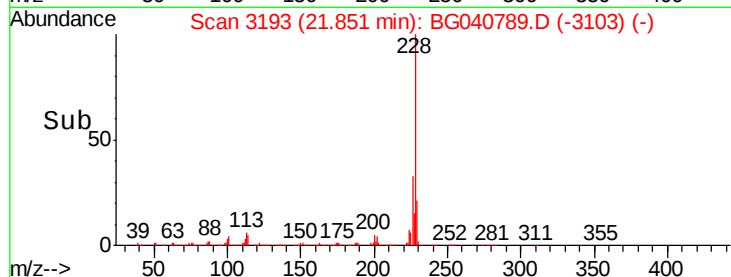
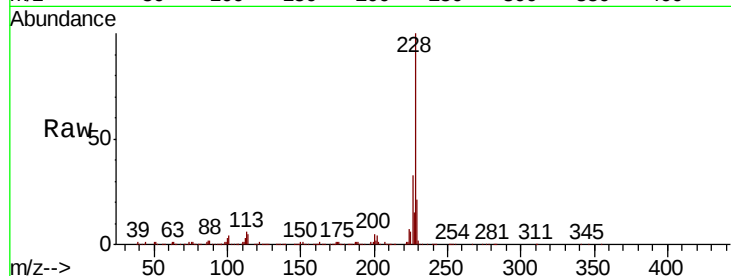
Tot Ion:228 Resp: 1121061

Ion	Ratio	Lower	Upper
228	100		
226	32.8	26.2	39.4
229	21.2	17.0	25.4

228 100

226 32.8 26.2 39.4

229 21.2 17.0 25.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.443 ng

RT: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

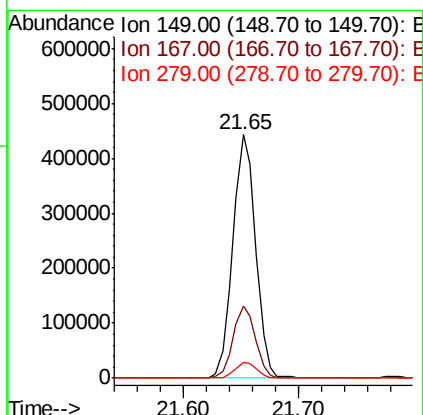
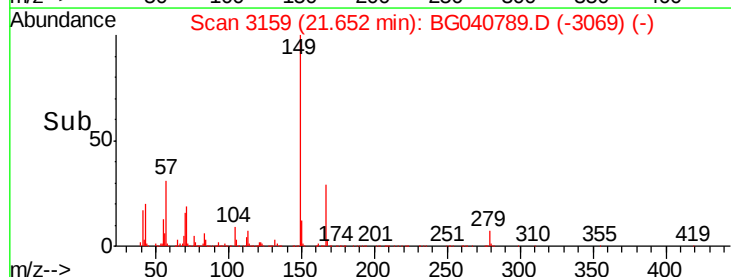
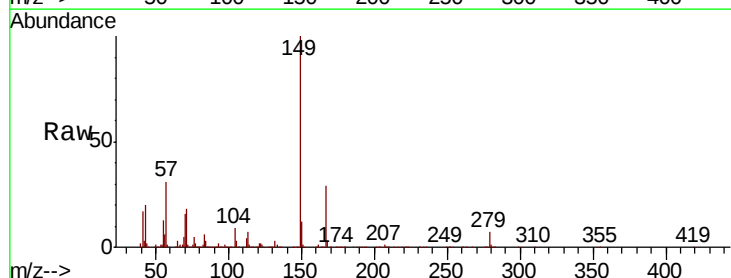
Tgt Ion:149 Resp: 603782

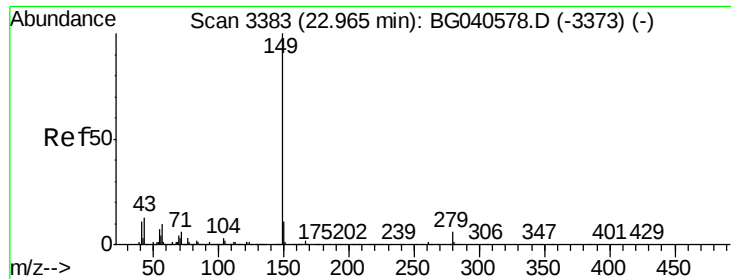
Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.6	35.4
279	6.7	5.4	8.0

149 100

167 29.5 23.6 35.4

279 6.7 5.4 8.0





#85

Di-n-octyl phthalate

Concen: 36.462 ng

RT: 22.91 min Scan# 3373

Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

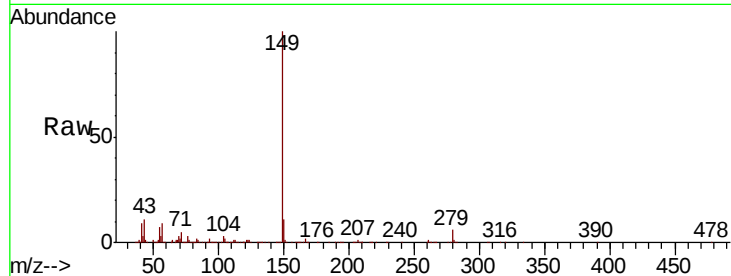
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 1017361

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	11.4	9.1	13.7

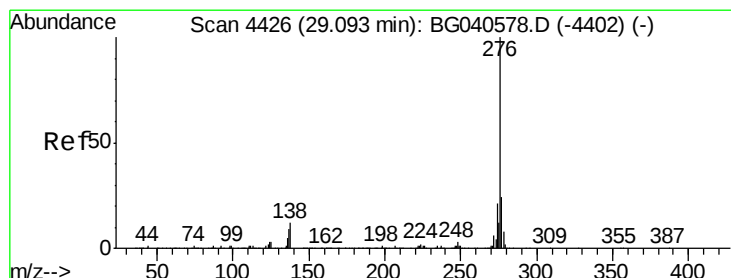
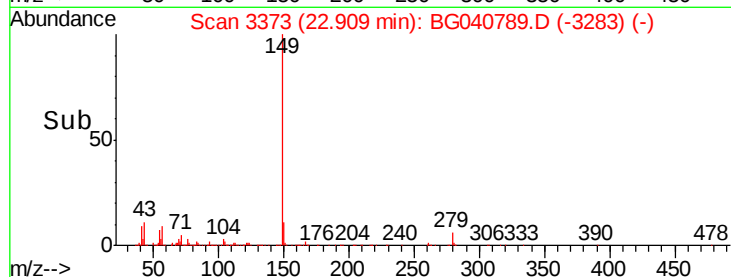
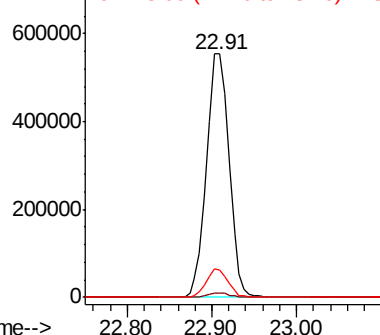


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.684 ng

RT: 29.01 min Scan# 4412

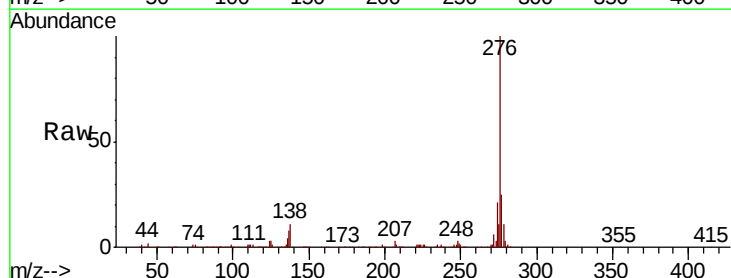
Delta R.T. 0.00 min

Lab File: BG040789.D

Acq: 8 May 2019 14:31

Tgt Ion:276 Resp: 1047684

Ion	Ratio	Lower	Upper
276	100		
138	7.6	6.1	9.1
277	9.8	7.8	11.8

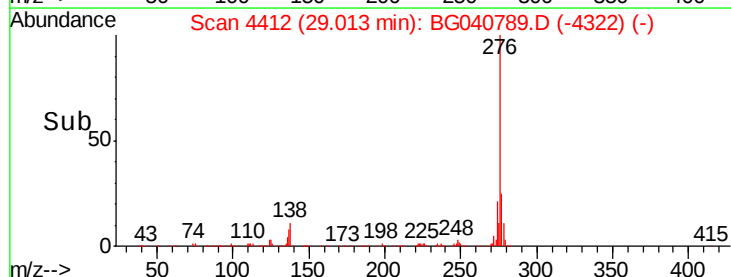
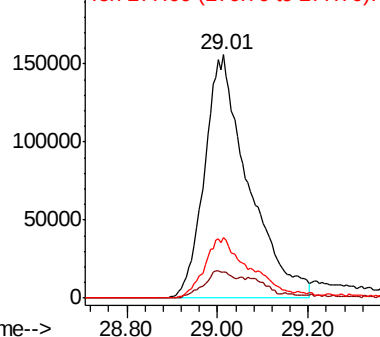


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



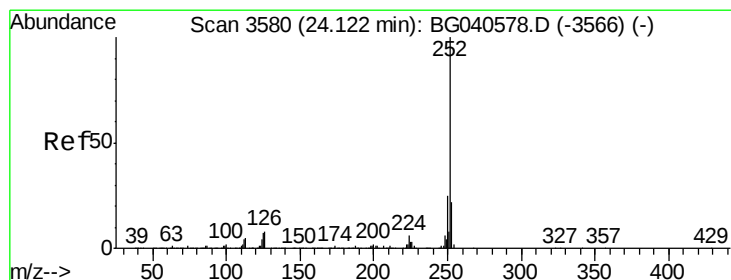
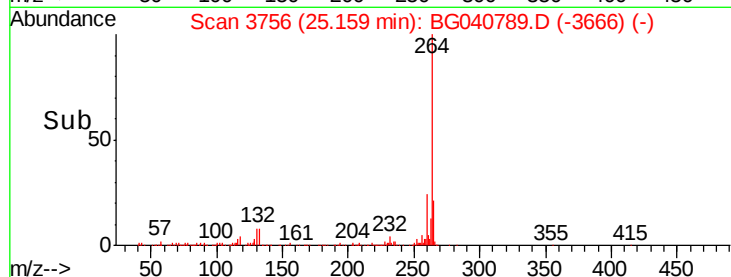
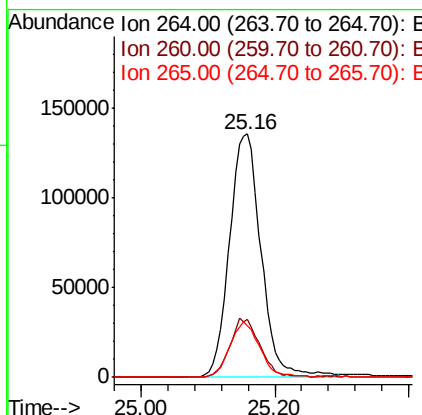
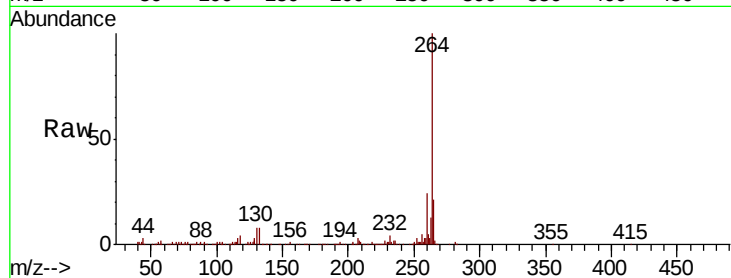


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3756
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 447684

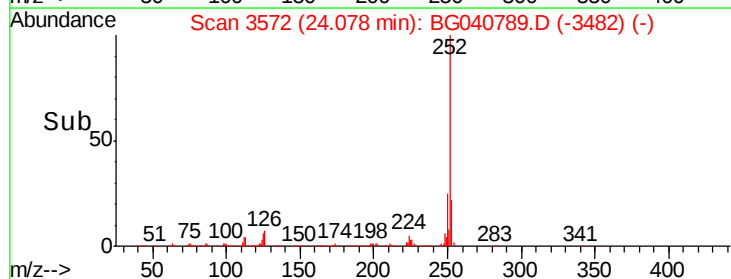
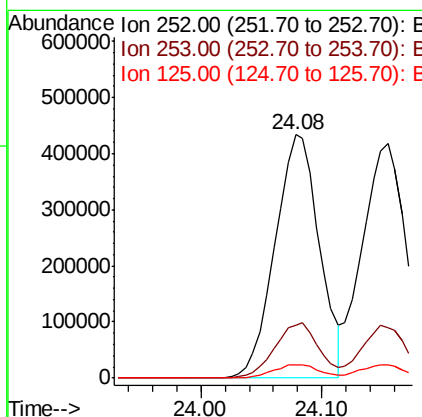
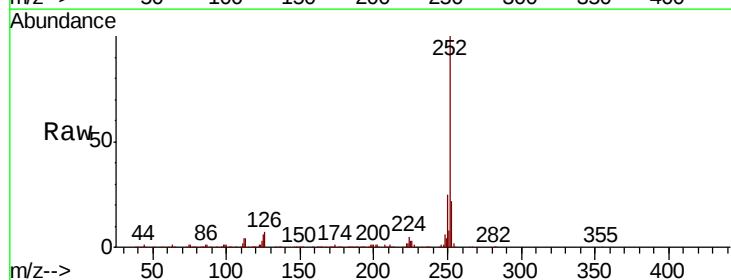
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.3	17.0	25.6



#88
Benzo(b)fluoranthene
Concen: 40.291 ng
RT: 24.08 min Scan# 3572
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion:252 Resp: 1102268

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	5.5	4.4	6.6

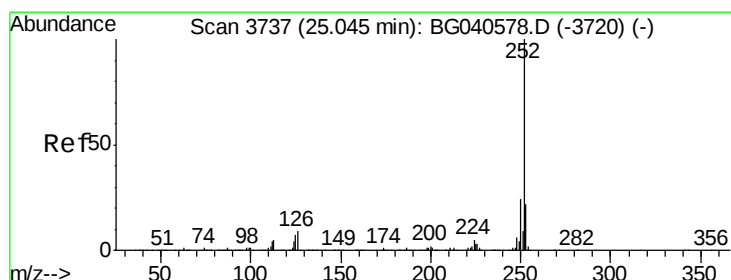
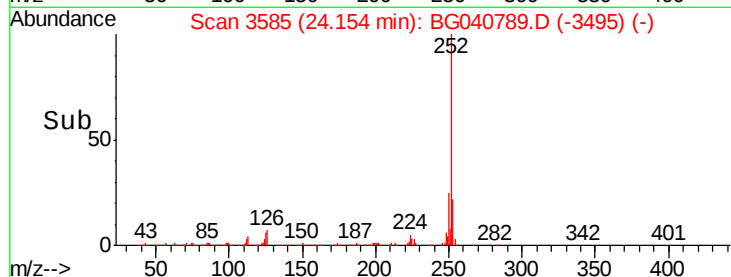
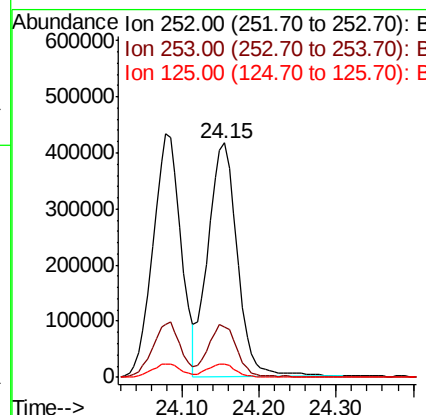
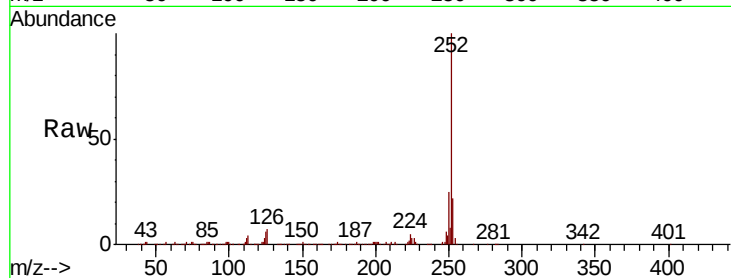




#89
Benzo(k)fluoranthene
Concen: 42.555 ng
RT: 24.15 min Scan# 3585
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

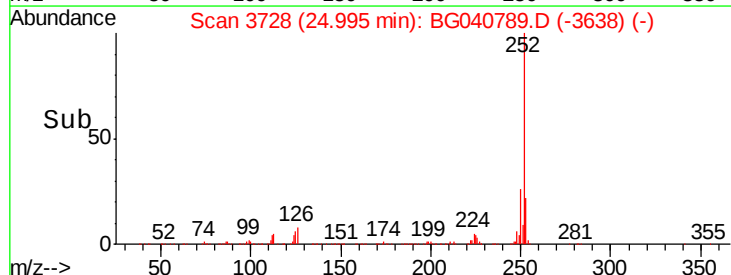
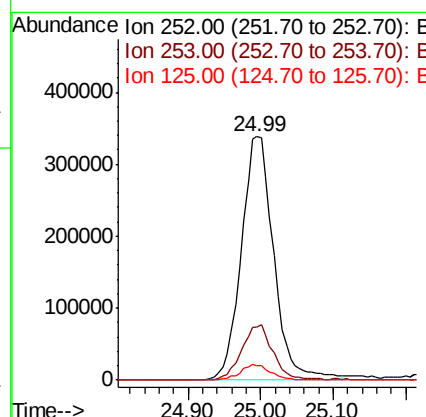
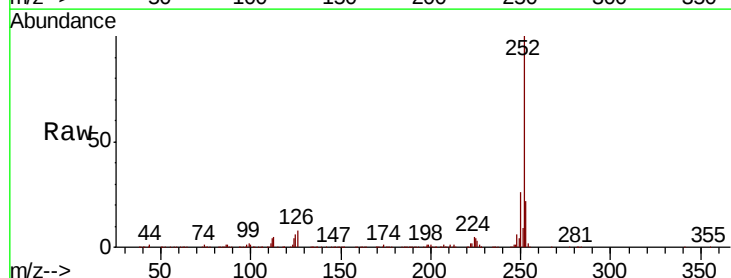
Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1087249
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 5.8 4.6 7.0



#90
Benzo(a)pyrene
Concen: 40.336 ng
RT: 24.99 min Scan# 3728
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion:252 Resp: 1044530
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 6.1 4.9 7.3

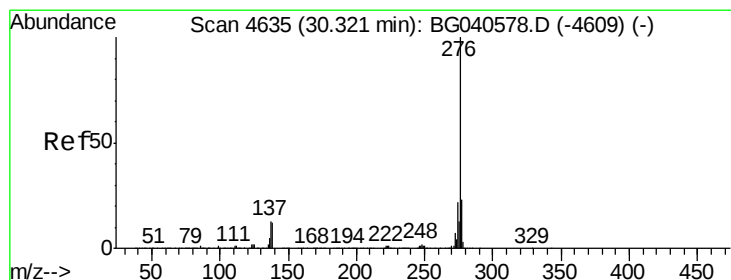
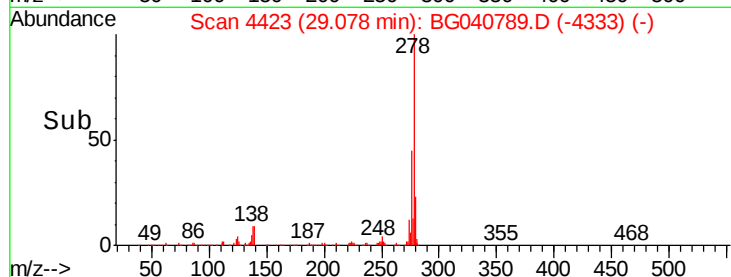
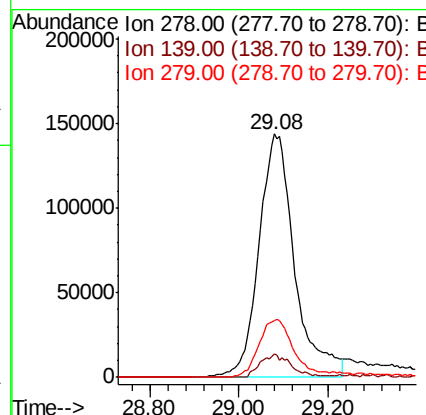
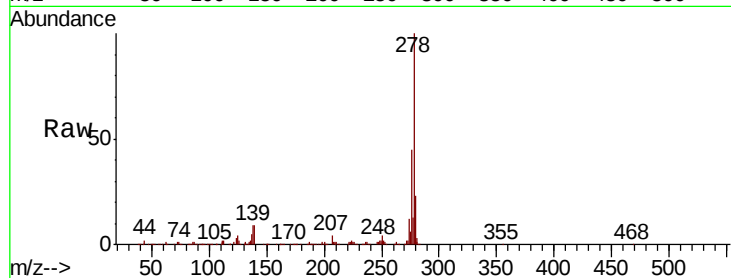




#91
Dibenzo(a,h)anthracene
Concen: 30.464 ng
RT: 29.08 min Scan# 4423
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.4	7.5	11.3
279	23.4	18.7	28.1



#92
Benzo(g,h,i)perylene
Concen: 33.049 ng
RT: 30.22 min Scan# 4618
Delta R.T. 0.00 min
Lab File: BG040789.D
Acq: 8 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.0	30.0
138	10.7	8.6	12.8

