

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040087.D
 Acq On : 22 Mar 2019 17:34
 Operator : JU/SJ
 Sample : PB118180BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 02:07:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	43690	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	178219	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	115608	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	288816	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	315948	20.00	ng	-0.02
87) Perylene-d12	25.17	264	325181	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	159818	62.41	ng	-0.02
7) Phenol-d6	7.29	99	220602	57.77	ng	-0.02
23) Nitrobenzene-d5	9.32	82	193668	58.77	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	84399	62.63	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	482399	59.41	ng	-0.02
79) Terphenyl-d14	20.11	244	748054	52.13	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.58	88	28795	24.355	ng 98
3) Pyridine	3.98	79	75345	23.804	ng 96
4) n-Nitrosodimethylamine	3.90	42	39066	26.016	ng 89
6) Aniline	7.47	93	60552	12.104	ng 98
8) 2-Chlorophenol	7.71	128	85841	27.629	ng 95
9) Benzaldehyde	7.28	77	23151	9.399	ng 96
10) Phenol	7.32	94	112491	27.193	ng 97
11) bis(2-Chloroethyl)ether	7.56	93	81722	25.338	ng 97
12) 1,3-Dichlorobenzene	8.03	146	93441	26.592	ng 98
13) 1,4-Dichlorobenzene	8.18	146	94427	26.382	ng 98
14) 1,2-Dichlorobenzene	8.50	146	89492	25.879	ng 97
15) Benzyl Alcohol	8.38	79	76358	25.209	ng 97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	154943	24.020	ng 98
17) 2-Methylphenol	8.58	107	71479	27.099	ng 98
18) Hexachloroethane	9.23	117	33193	25.846	ng 94
19) n-Nitroso-di-n-propylamine	8.94	70	64451	23.450	ng 90
20) 3+4-Methylphenols	8.90	107	99914	27.266	ng 97
22) Acetophenone	8.97	105	124272	25.980	ng # 94
24) Nitrobenzene	9.37	77	97552	28.219	ng 95
25) Isophorone	9.87	82	180335	26.118	ng 99
26) 2-Nitrophenol	10.07	139	47262	28.316	ng 97
27) 2,4-Dimethylphenol	10.11	122	85095	32.781	ng 91
28) bis(2-Chloroethoxy)methane	10.36	93	113009	26.933	ng 97
29) 2,4-Dichlorophenol	10.61	162	89666	30.680	ng 95
30) 1,2,4-Trichlorobenzene	10.82	180	95347	28.992	ng 99
31) Naphthalene	11.01	128	262669	27.837	ng 99
32) Benzoic acid	10.24	122	36027	24.033	ng 93
33) 4-Chloroaniline	11.13	127	41450	10.359	ng 99
34) Hexachlorobutadiene	11.28	225	63946	28.454	ng 93
35) Caprolactam	11.90	113	21701	19.438	ng # 87
36) 4-Chloro-3-methylphenol	12.23	107	94352	28.162	ng 99
37) 2-Methylnaphthalene	12.60	142	196998	27.925	ng 97
38) 1-Methylnaphthalene	12.83	142	186925	27.266	ng 99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	111755	28.534	ng 99

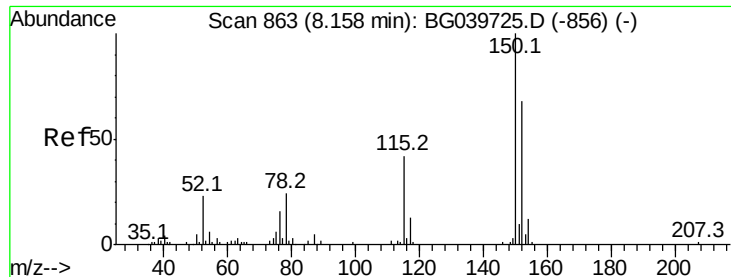
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040087.D
 Acq On : 22 Mar 2019 17:34
 Operator : JU/SJ
 Sample : PB118180BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 02:07:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	148240	70.628	ng	100
43) 2,4,6-Trichlorophenol	13.20	196	72186	31.482	ng	95
44) 2,4,5-Trichlorophenol	13.28	196	76470	29.587	ng	96
46) 1,1'-Biphenyl	13.60	154	268561	28.244	ng	96
47) 2-Chloronaphthalene	13.65	162	205387	28.712	ng	98
48) 2-Nitroaniline	13.86	65	66148	28.775	ng	96
49) Acenaphthylene	14.50	152	327362	27.878	ng	100
50) Dimethylphthalate	14.21	163	271291	28.064	ng	98
51) 2,6-Dinitrotoluene	14.35	165	57877	28.241	ng	95
52) Acenaphthene	14.84	154	198411	28.073	ng	96
53) 3-Nitroaniline	14.68	138	29756	14.444	ng	# 98
54) 2,4-Dinitrophenol	14.89	184	61259	49.541	ng	92
55) Dibenzofuran	15.17	168	330971	28.542	ng	98
56) 4-Nitrophenol	14.98	139	102445	55.590	ng	# 88
57) 2,4-Dinitrotoluene	15.13	165	84094	29.203	ng	# 88
58) Fluorene	15.81	166	258410	28.347	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	79037	31.313	ng	# 97
60) Diethylphthalate	15.56	149	269555	28.168	ng	97
61) 4-Chlorophenyl-phenylether	15.80	204	136138	27.986	ng	98
62) 4-Nitroaniline	15.85	138	62876	28.154	ng	95
63) Azobenzene	16.09	77	242299	27.932	ng	96
65) 4,6-Dinitro-2-methylphenol	15.89	198	49032	28.713	ng	97
66) n-Nitrosodiphenylamine	16.02	169	236926	28.336	ng	97
67) 4-Bromophenyl-phenylether	16.69	248	90248	27.916	ng	94
68) Hexachlorobenzene	16.81	284	96000	28.648	ng	93
69) Atrazine	16.96	200	97420	29.605	ng	97
70) Pentachlorophenol	17.16	266	112938	53.364	ng	94
71) Phenanthrene	17.56	178	452066	28.417	ng	99
72) Anthracene	17.65	178	458945	29.605	ng	99
73) Carbazole	17.92	167	412765	29.535	ng	98
74) Di-n-butylphthalate	18.45	149	497439	30.252	ng	99
75) Fluoranthene	19.56	202	570272	30.332	ng	99
77) Benzidine	19.74	184	137859	13.750	ng	99
78) Pyrene	19.92	202	574222	27.969	ng	99
80) Butylbenzylphthalate	20.79	149	237076	29.806	ng	95
81) Benzo(a)anthracene	21.79	228	551047	27.829	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	104321	14.430	ng	98
83) Chrysene	21.86	228	529566	27.586	ng	98
84) Bis(2-ethylhexyl)phthalate	21.64	149	328474	29.387	ng	99
85) Di-n-octyl phthalate	22.90	149	566686	30.620	ng	# 94
86) Indeno(1,2,3-cd)pyrene	29.03	276	623191	28.616	ng	97
88) Benzo(b)fluoranthene	24.09	252	541084	27.904	ng	98
89) Benzo(k)fluoranthene	24.17	252	540324	29.934	ng	98
90) Benzo(a)pyrene	25.01	252	534451	29.827	ng	99
91) Dibenzo(a,h)anthracene	29.10	278	503859	28.683	ng	99
92) Benzo(g,h,i)perylene	30.25	276	509831	28.898	ng	97

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

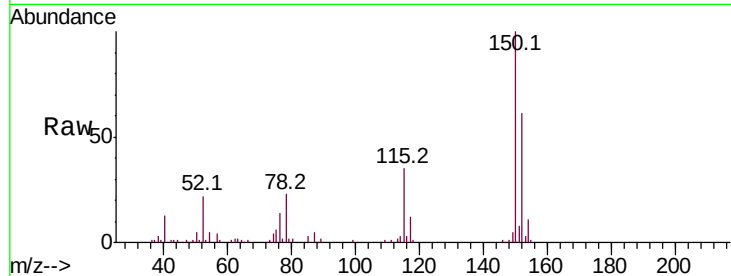


#1

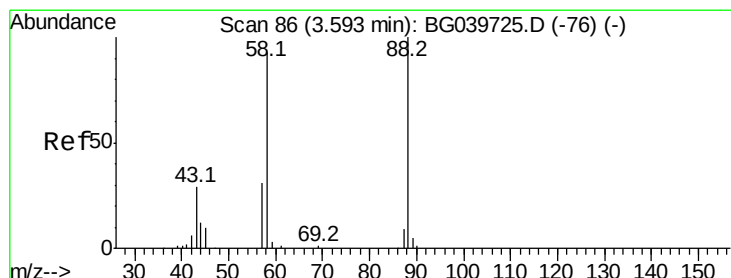
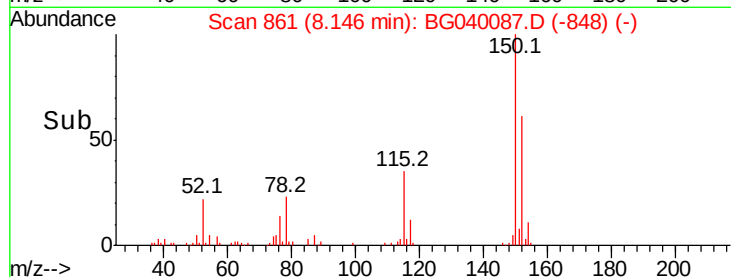
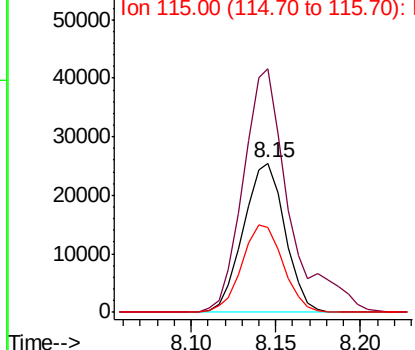
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 43690
Ion Ratio Lower Upper
152 100
150 163.0 123.7 185.5
115 57.2 45.9 68.9



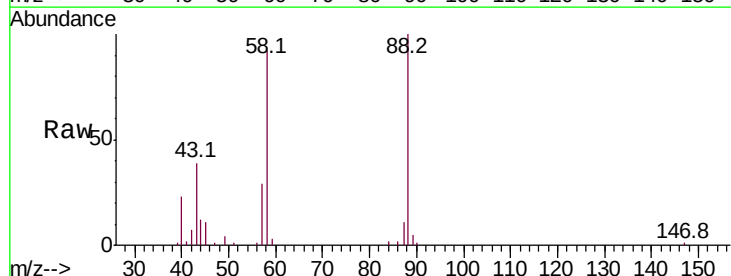
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



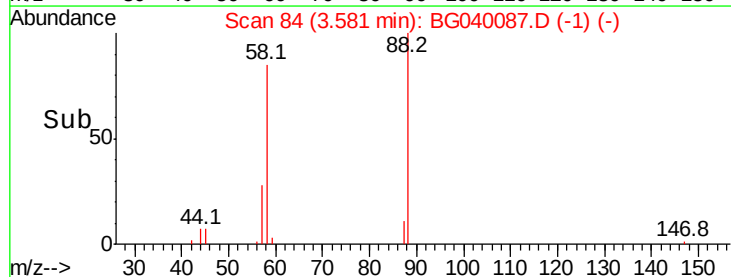
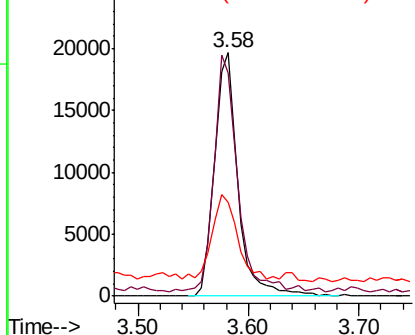
#2

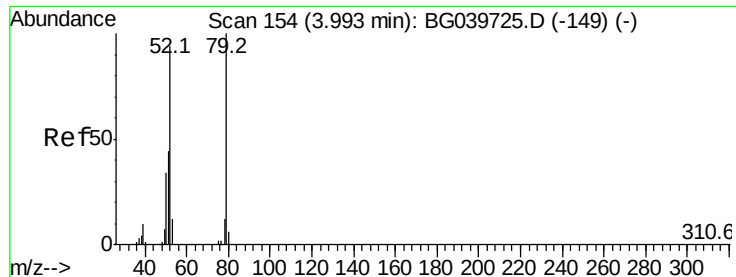
1,4-Dioxane
Concen: 24.355 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Tgt Ion: 88 Resp: 28795
Ion Ratio Lower Upper
88 100
58 98.1 81.1 121.7
43 38.9 31.4 47.0



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





#3

Pvridine

Concen: 23.804 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

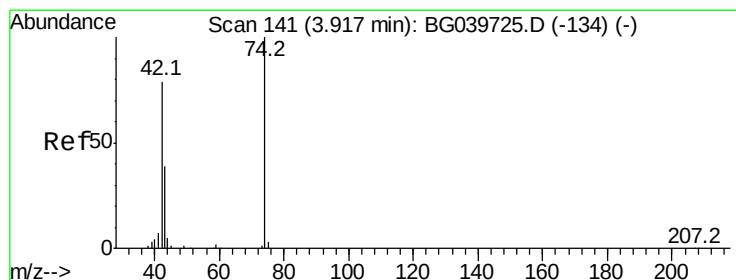
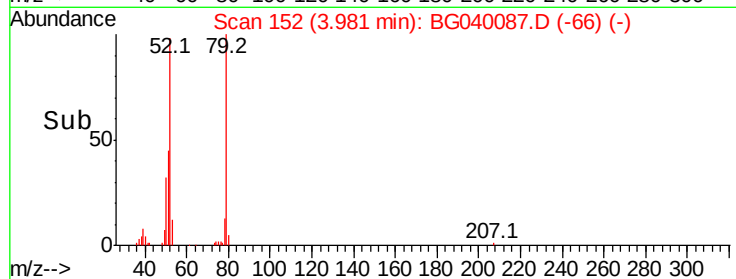
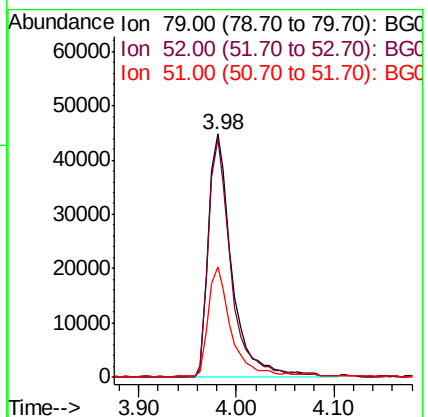
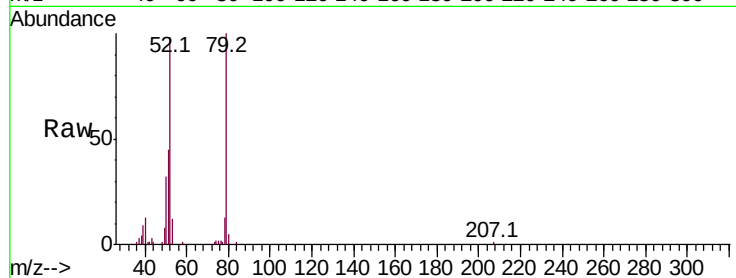
Tot Ion: 79 Resp: 75345

Ion Ratio Lower Upper

79 100

52 97.8 82.6 124.0

51 45.3 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 26.016 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

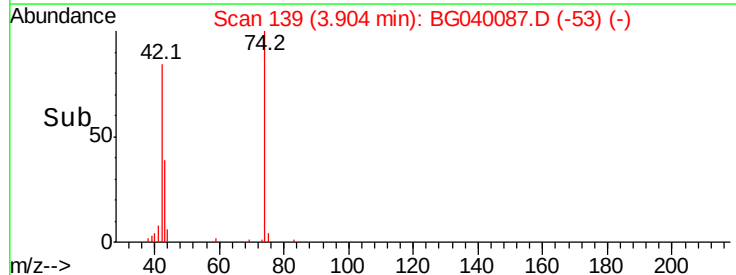
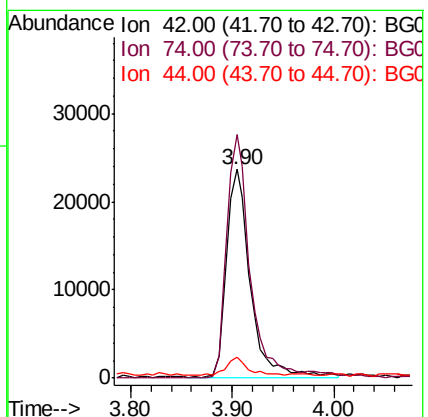
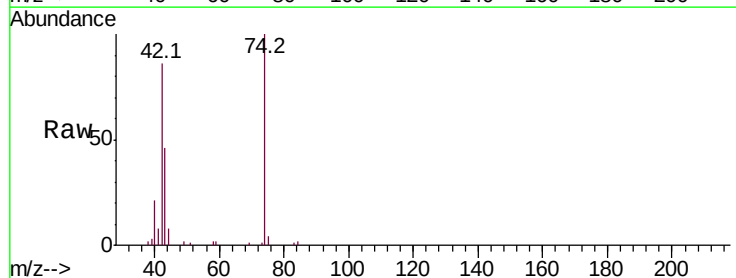
Tgt Ion: 42 Resp: 39066

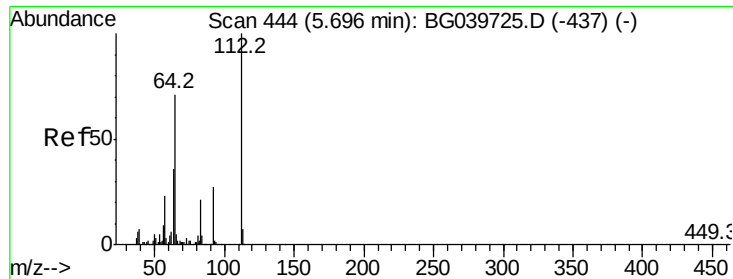
Ion Ratio Lower Upper

42 100

74 116.7 83.6 125.4

44 9.7 6.9 10.3





#5

2-Fluorophenol

Concen: 62.406 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040087.D

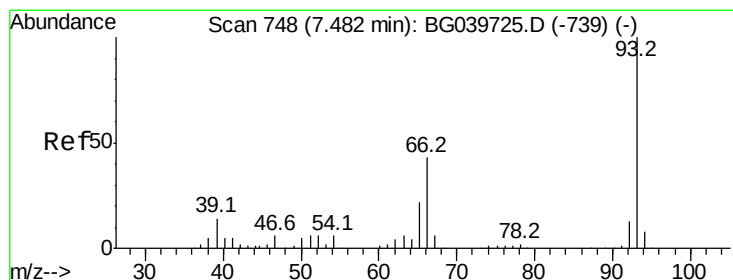
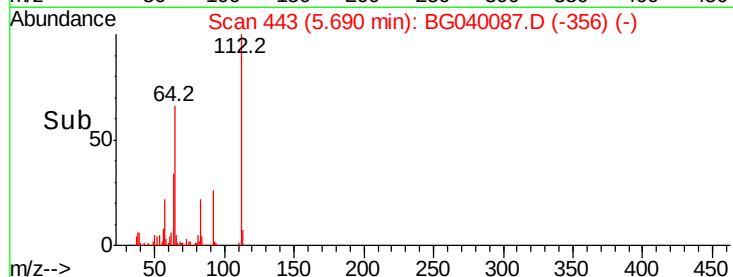
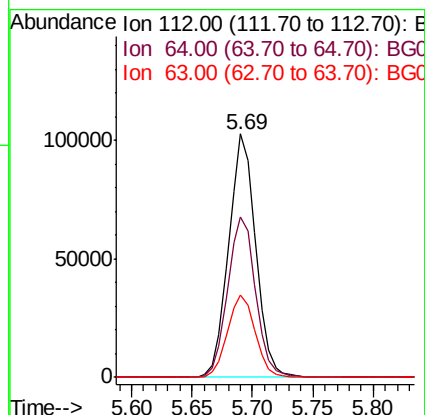
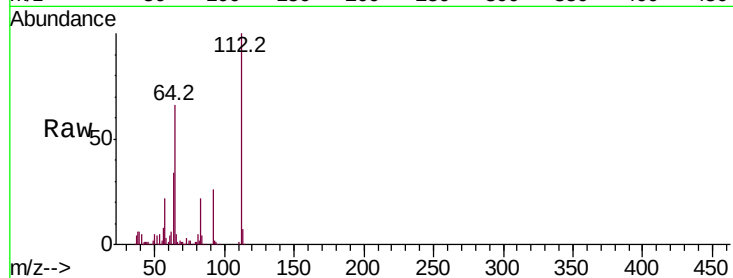
Acq: 22 Mar 2019 17:34

Instrument :

BNA_G

ClientSampled :

Tot Ion:	112	Resp:	159818
Ion	Ratio	Lower	Upper
112	100		
64	66.0	57.8	86.8
63	33.8	29.8	44.6



#6

Aniline

Concen: 12.104 ng

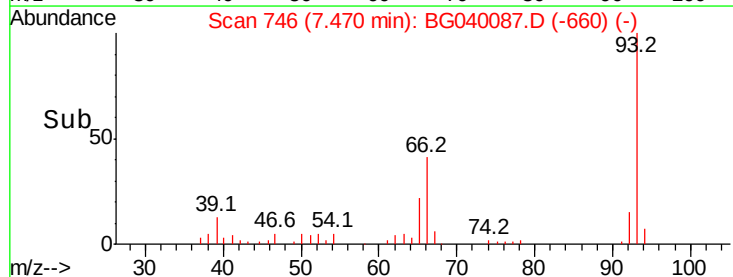
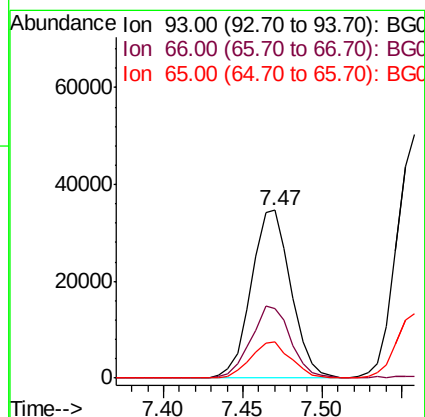
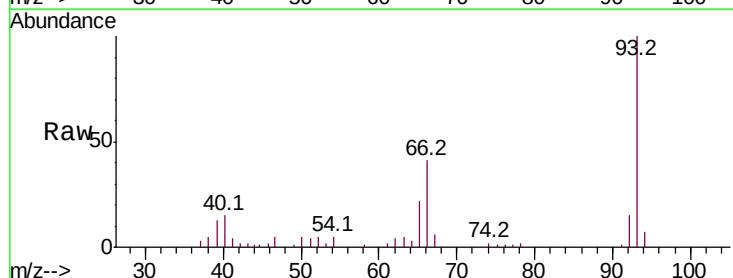
RT: 7.47 min Scan# 746

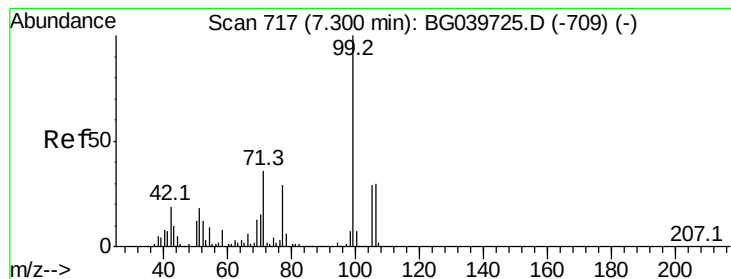
Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

Tgt Ion:	93	Resp:	60552
Ion	Ratio	Lower	Upper
93	100		
66	41.5	34.2	51.4
65	21.8	17.7	26.5





#7

Phenol-d6

Concen: 57.772 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

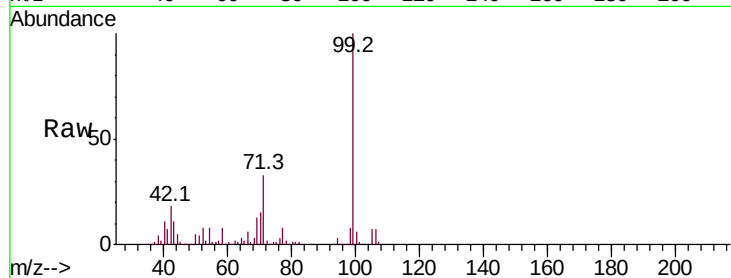
Tot Ion: 99 Resp: 220602

Ion Ratio Lower Upper

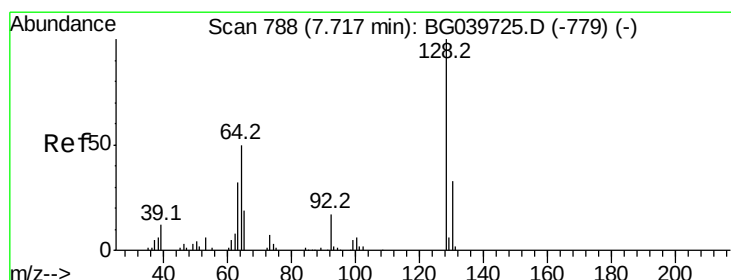
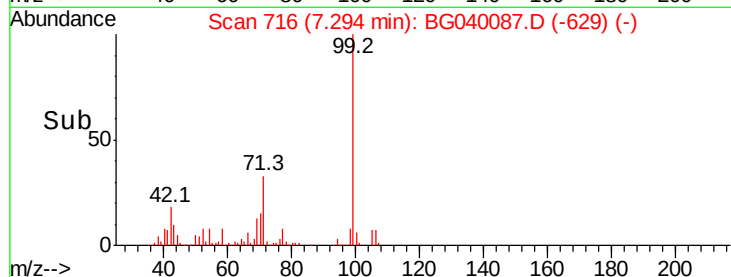
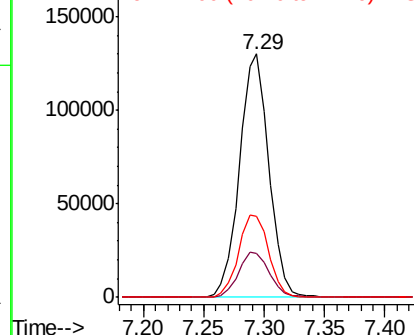
99 100

42 18.2 18.2 27.2

71 33.3 28.0 42.0



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



#8

2-Chlorophenol

Concen: 27.629 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

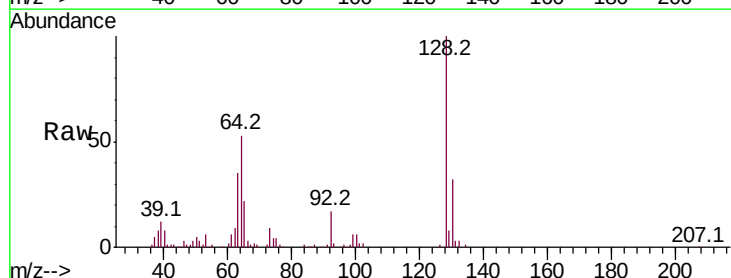
Tgt Ion: 128 Resp: 85841

Ion Ratio Lower Upper

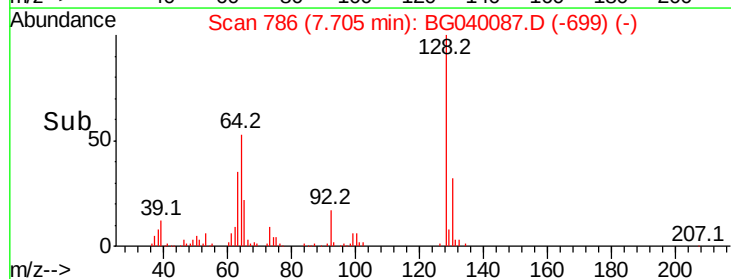
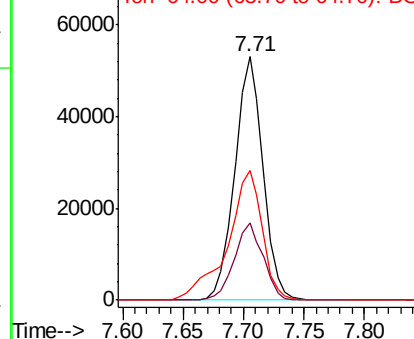
128 100

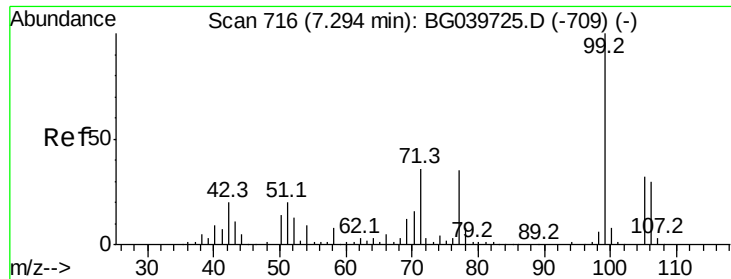
130 31.7 12.9 52.9

64 53.4 38.7 78.7



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

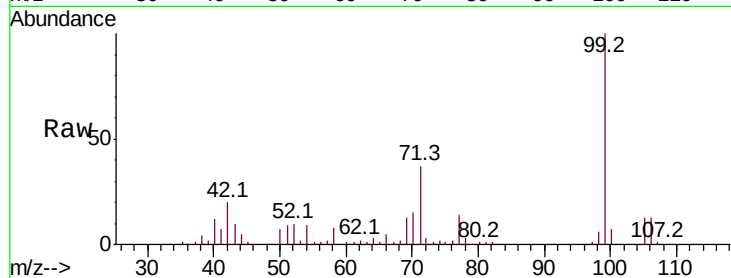




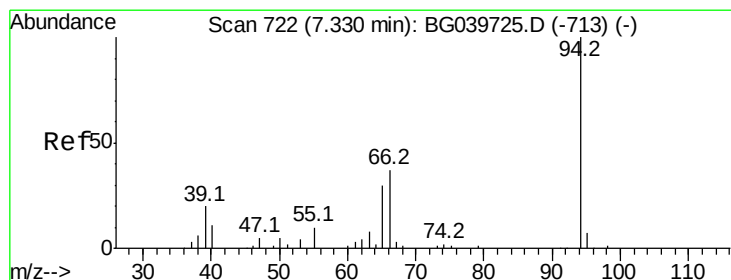
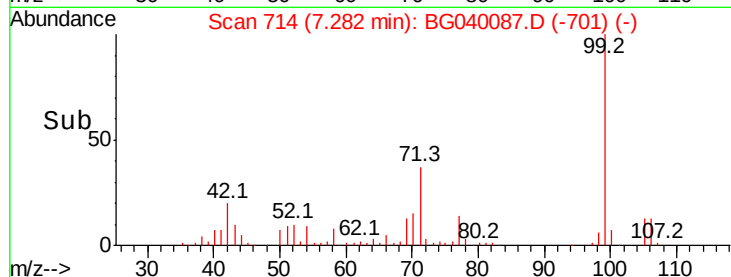
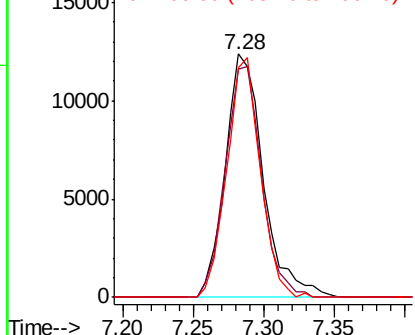
#9
Benzaldehyde
Concen: 9.399 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 23151
Ion Ratio Lower Upper
77 100
105 93.9 74.5 114.5
106 94.4 68.0 108.0

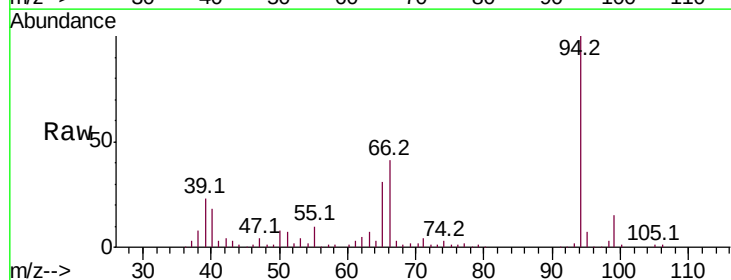


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

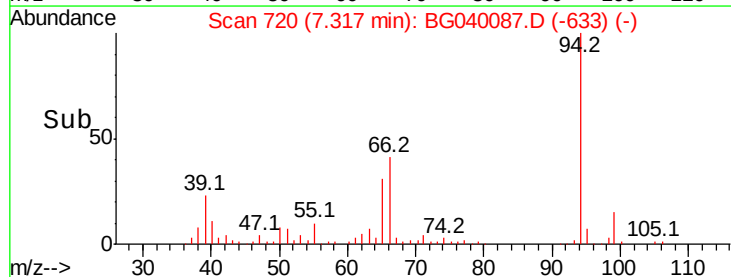
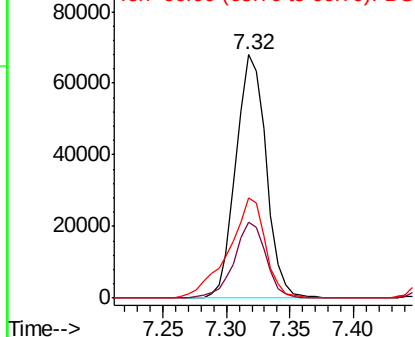


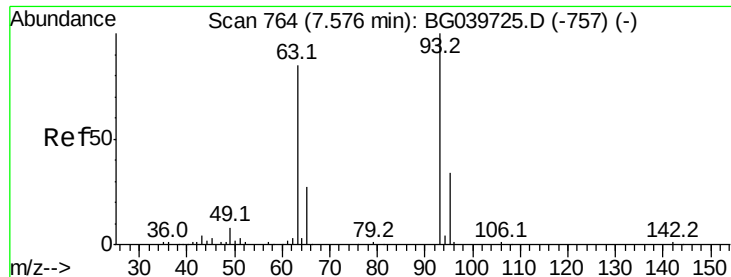
#10
Phenol
Concen: 27.193 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Tgt Ion: 94 Resp: 112491
Ion Ratio Lower Upper
94 100
65 31.3 11.7 51.7
66 41.0 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 25.338 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

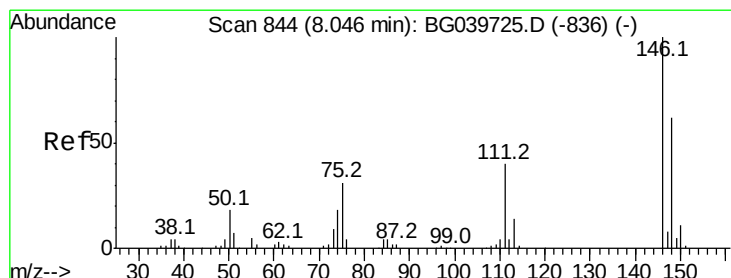
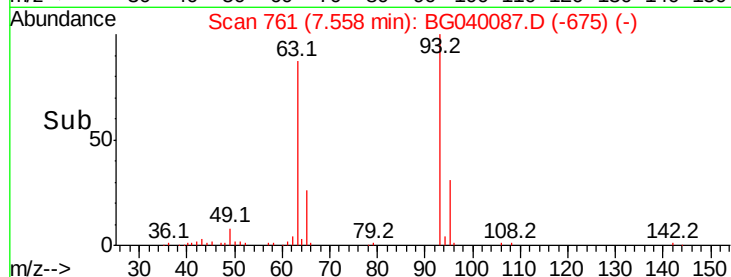
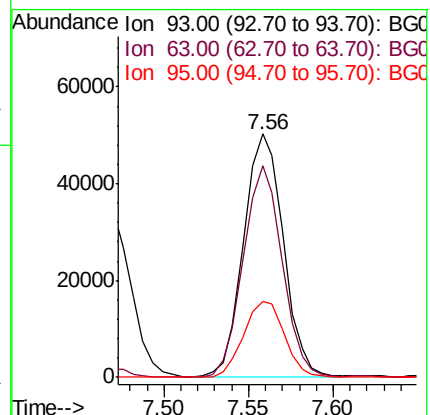
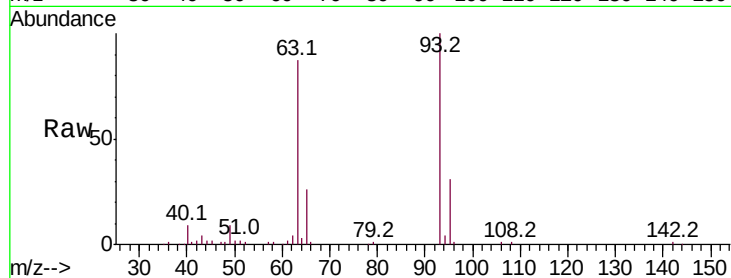
Tot Ion: 93 Resp: 81722

Ion Ratio Lower Upper

93 100

63 87.1 69.5 109.5

95 31.2 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 26.592 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

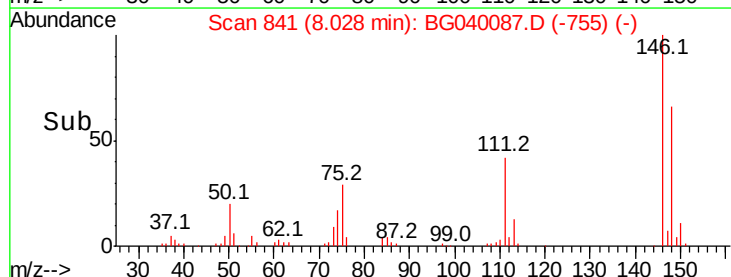
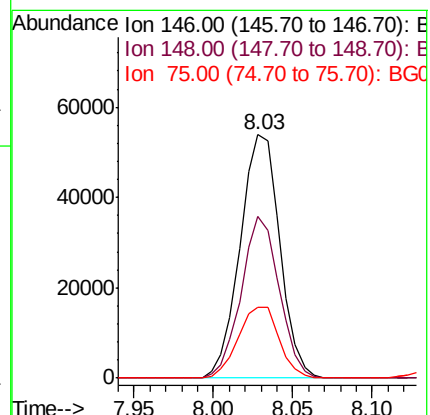
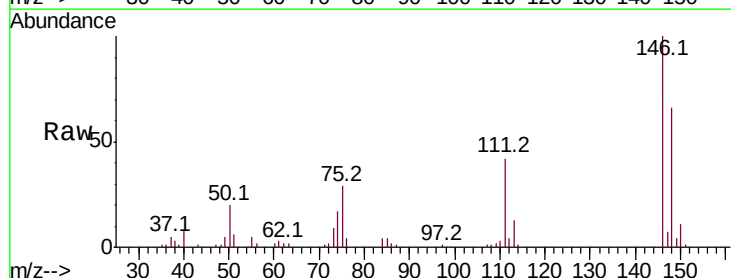
Tgt Ion: 146 Resp: 93441

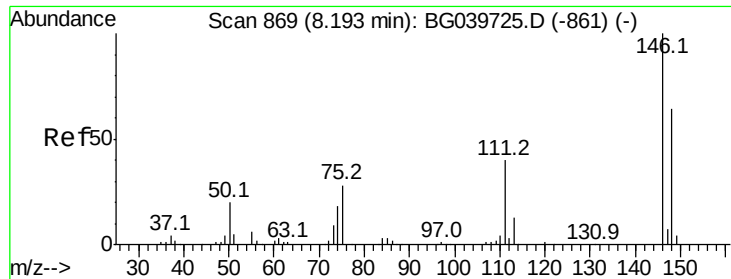
Ion Ratio Lower Upper

146 100

148 66.3 52.6 79.0

75 28.9 25.8 38.6

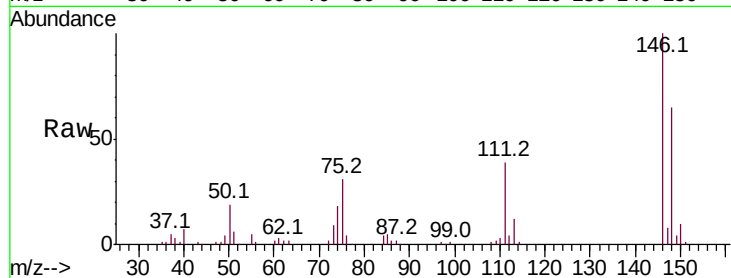




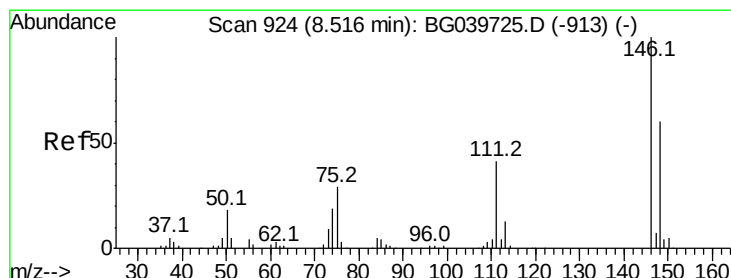
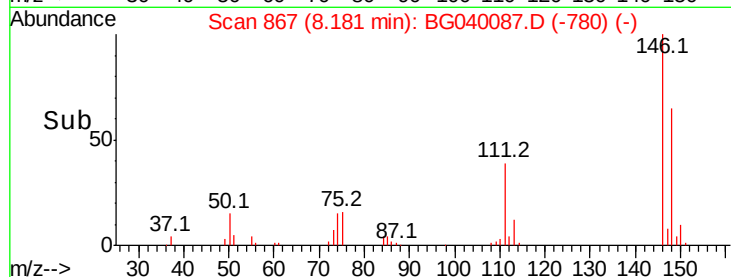
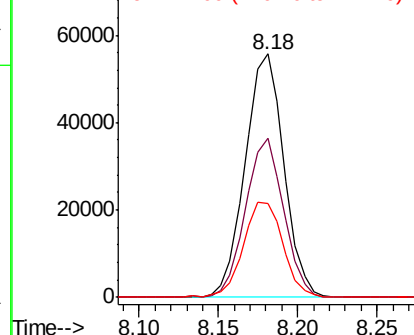
#13
 1,4-Dichlorobenzene
 Concen: 26.382 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 94427
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.1 76.7
 111 38.6 32.6 48.8

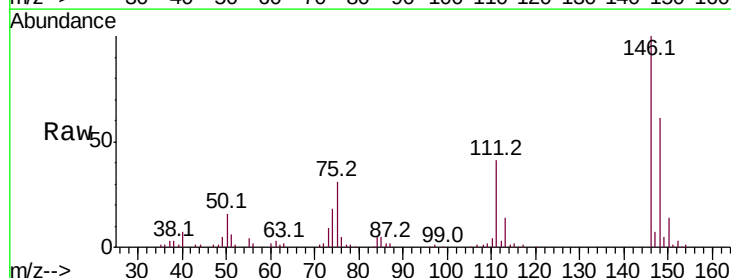


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

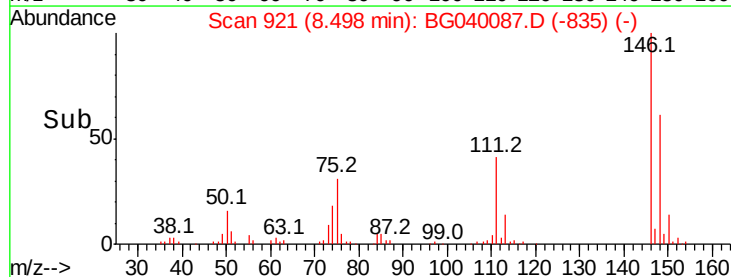
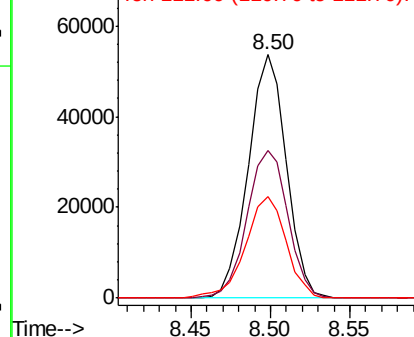


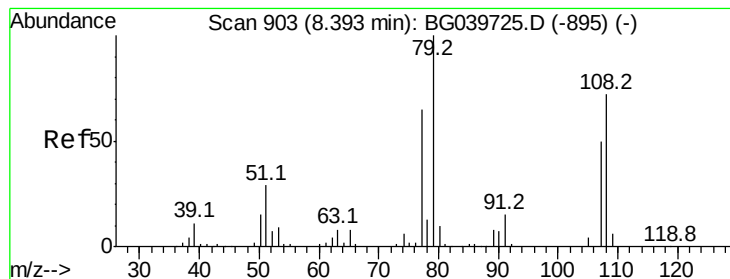
#14
 1,2-Dichlorobenzene
 Concen: 25.879 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

Tgt Ion:146 Resp: 89492
 Ion Ratio Lower Upper
 146 100
 148 60.6 51.5 77.3
 111 41.4 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 25.209 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

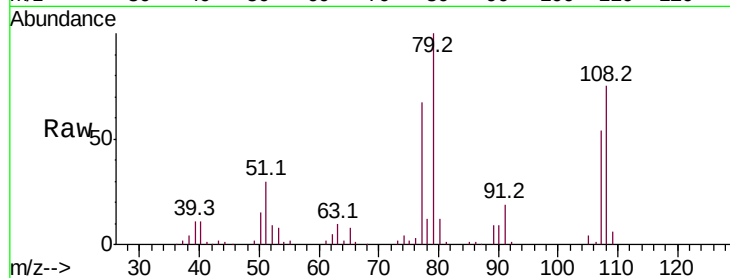
Tot Ion: 79 Resp: 76358

Ion Ratio Lower Upper

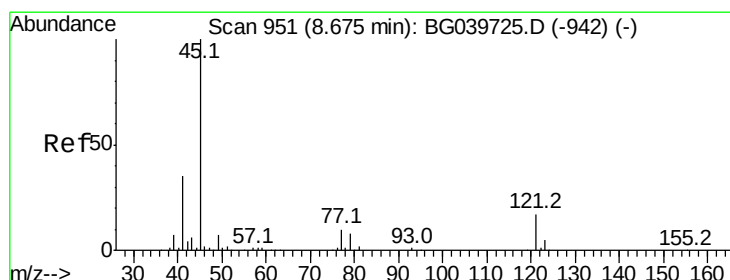
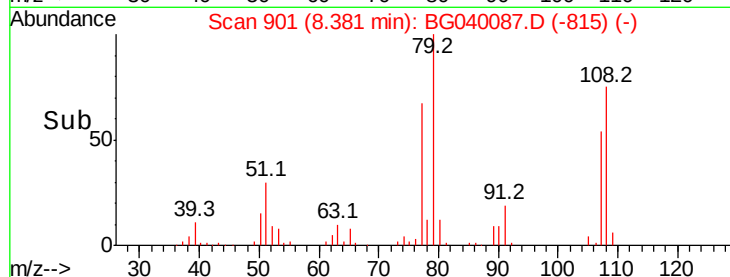
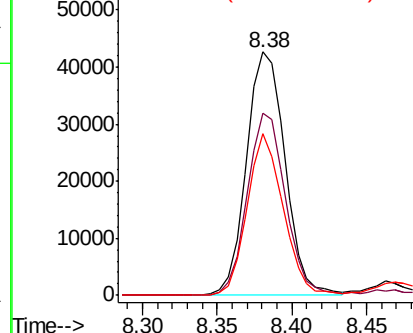
79 100

108 75.0 57.8 86.6

77 66.6 51.1 76.7



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.020 ng

RT: 8.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

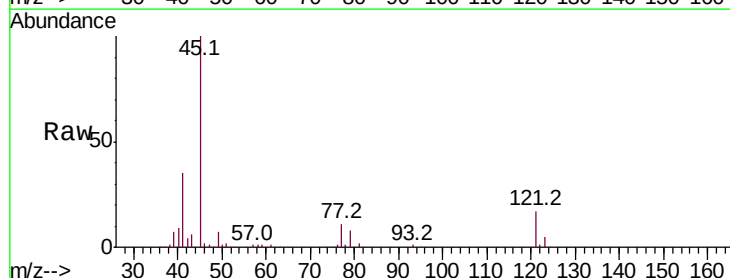
Tgt Ion: 45 Resp: 154943

Ion Ratio Lower Upper

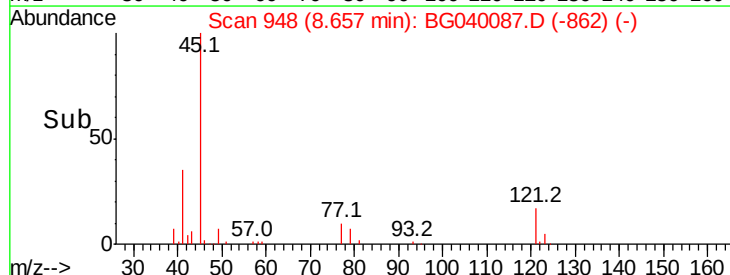
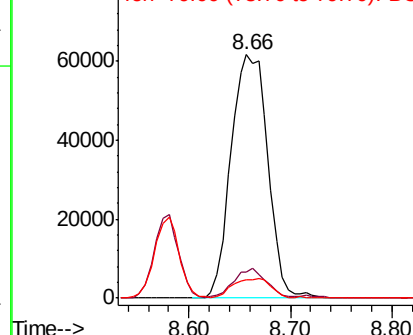
45 100

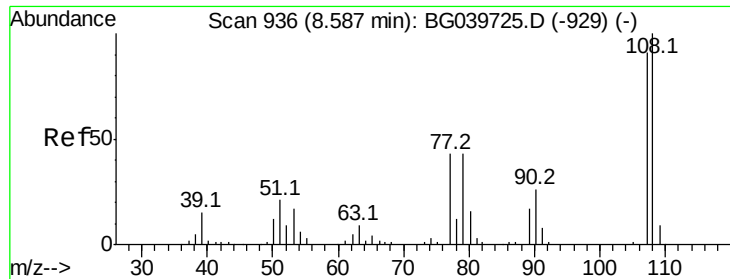
77 10.9 0.0 30.0

79 7.6 0.0 27.5



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

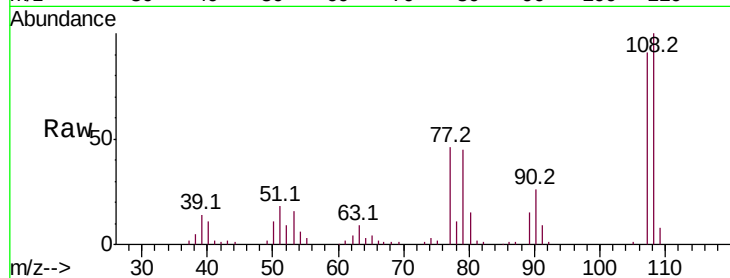




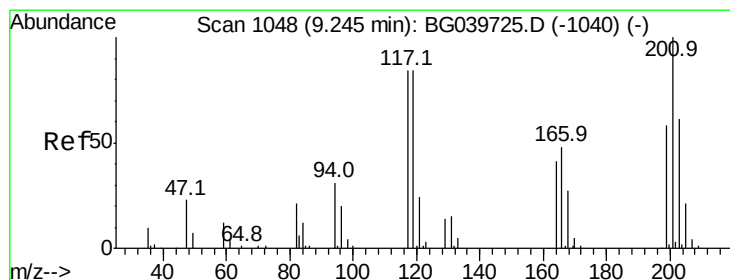
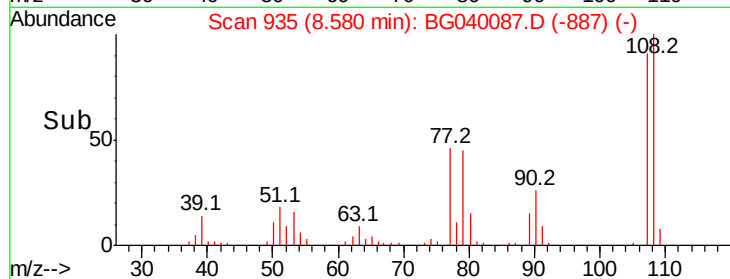
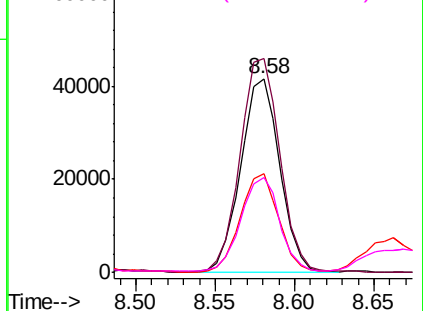
#17
2-Methylphenol
Concen: 27.099 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	71479
Ion	Ratio	Lower	Upper
107	100		
108	110.1	90.8	136.2
77	50.9	40.7	61.1
79	49.0	40.6	60.8

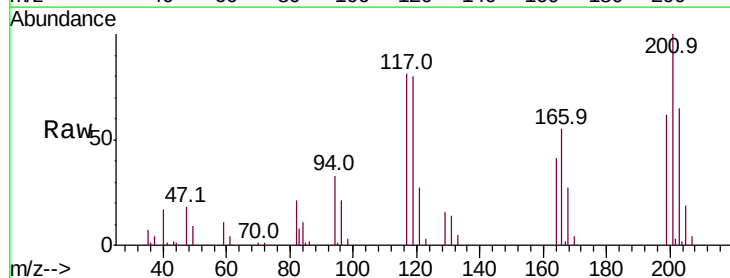


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

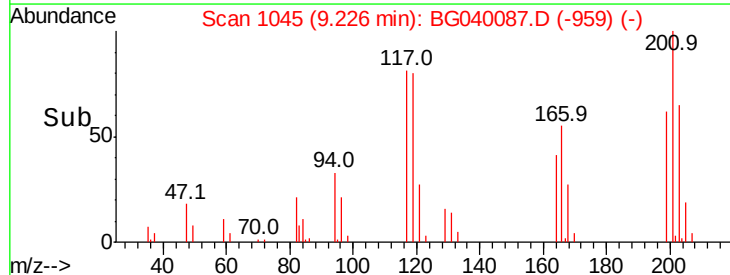
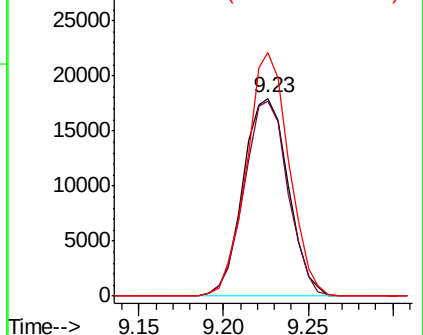


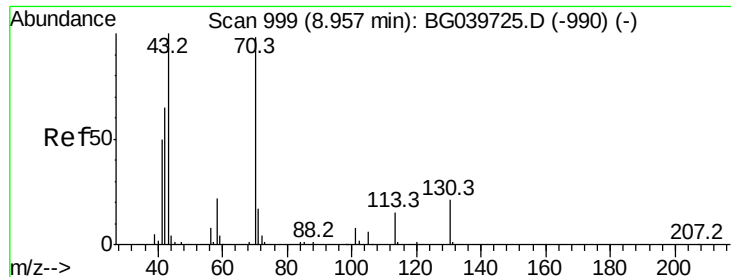
#18
Hexachloroethane
Concen: 25.846 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Tgt Ion:	117	Resp:	33193
Ion	Ratio	Lower	Upper
117	100		
119	98.9	76.3	114.5
201	123.2	91.1	136.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

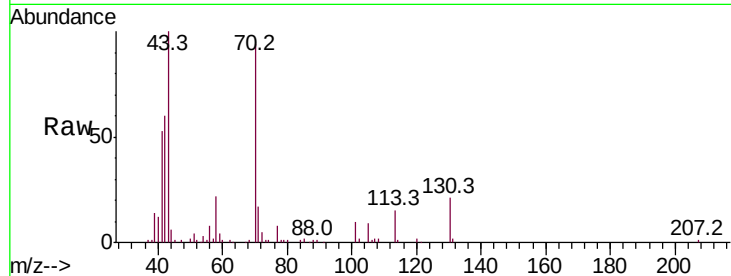




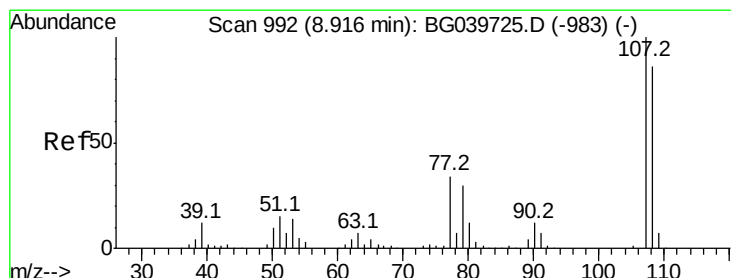
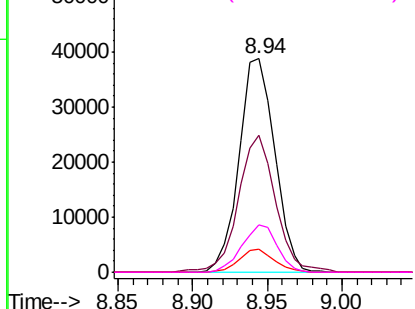
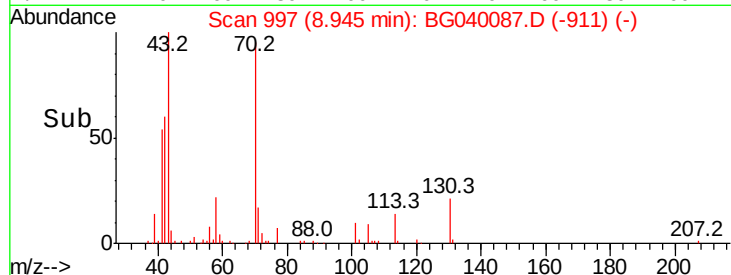
#19
n-Nitroso-di-n-propylamine
Concen: 23.450 ng
RT: 8.94 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 64451
Ion Ratio Lower Upper
70 100
42 64.1 60.4 90.6
101 11.0 7.5 11.3
130 22.2 16.9 25.3

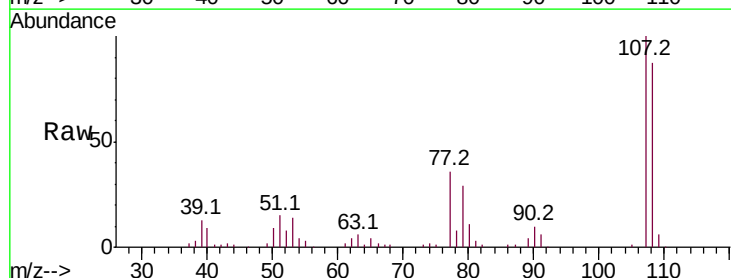


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

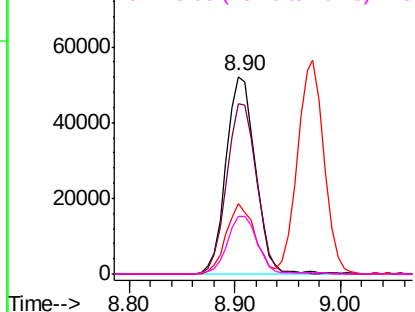
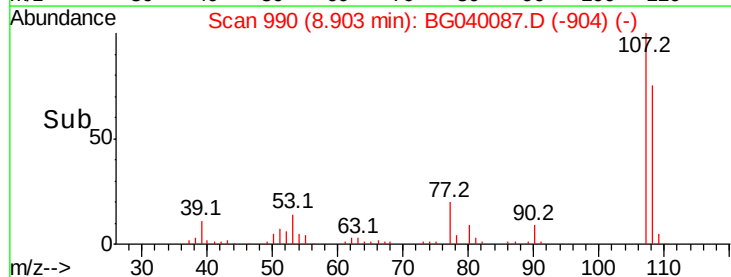


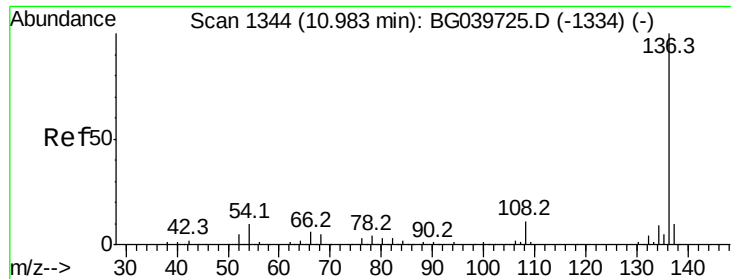
#20
3+4-Methylphenols
Concen: 27.266 ng
RT: 8.90 min Scan# 990
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Tgt Ion: 107 Resp: 99914
Ion Ratio Lower Upper
107 100
108 86.5 67.9 107.9
77 36.0 15.4 55.4
79 29.3 13.7 53.7



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

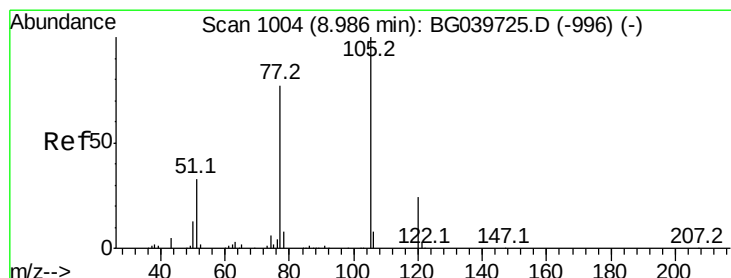
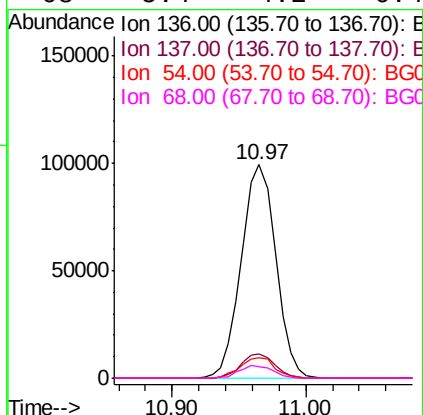
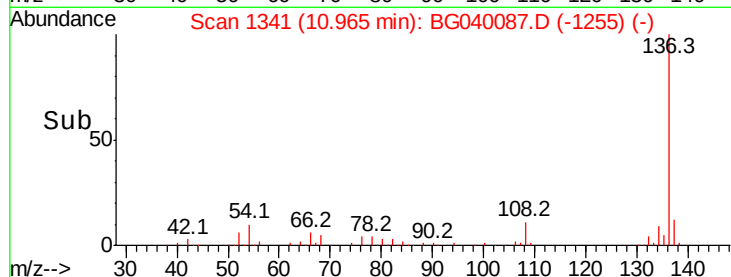
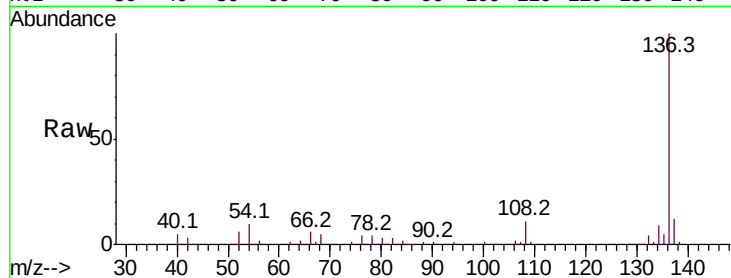




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

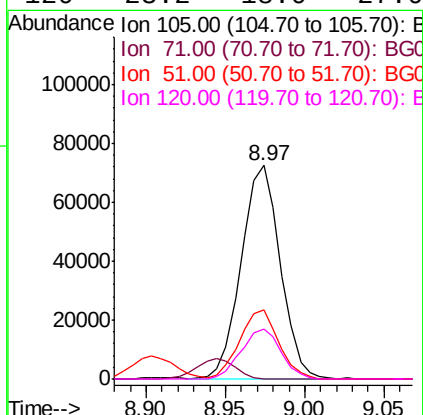
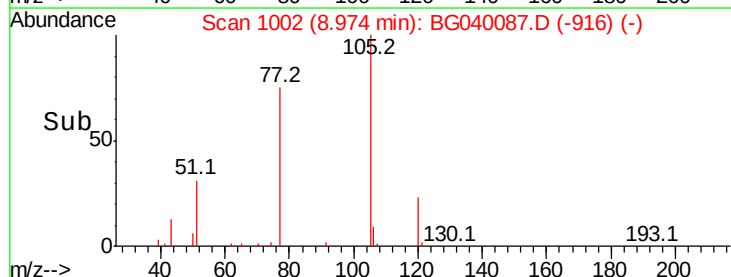
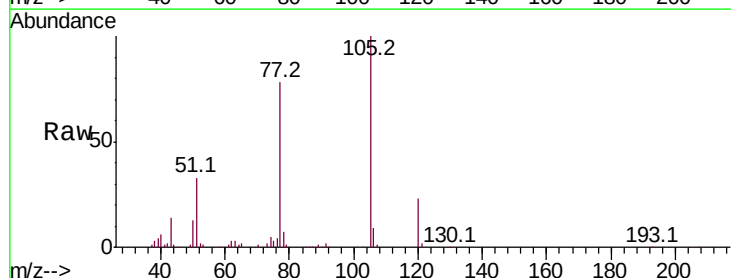
Instrument :
BNA_G
ClientSampleId :

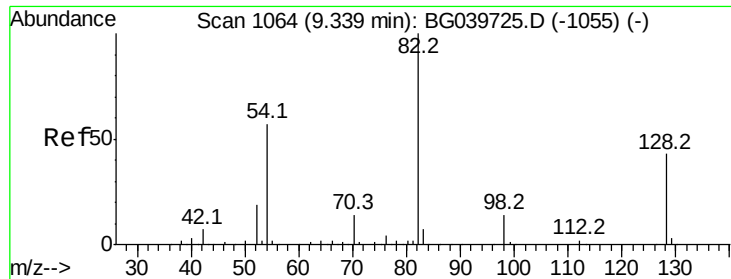
Tot Ion:136	Resp: 178219
Ion Ratio	Lower Upper
136 100	
137 11.7	9.1 13.7
54 9.5	9.4 14.2
68 5.4	4.2 6.4



#22
Acetophenone
Concen: 25.980 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Tgt	Ion:105	Resp:	124272
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.8	1.2#
51	32.6	30.2	45.2
120	23.2	18.0	27.0

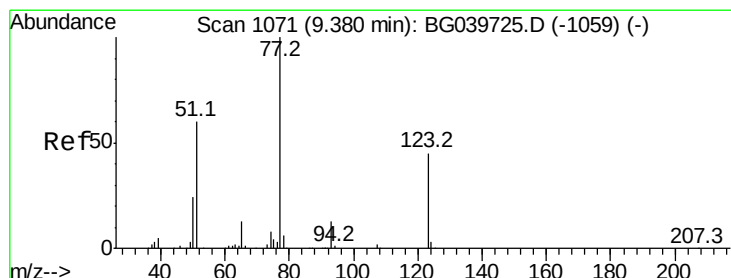
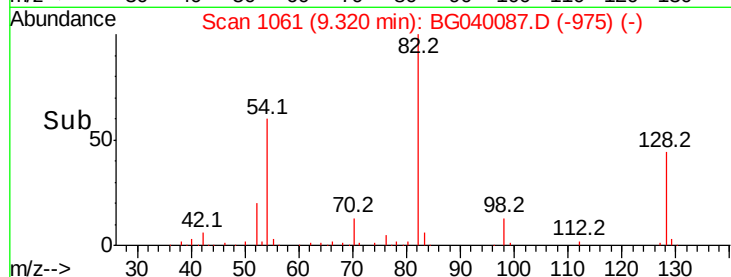
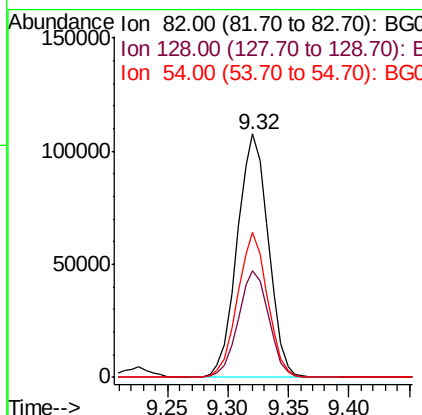
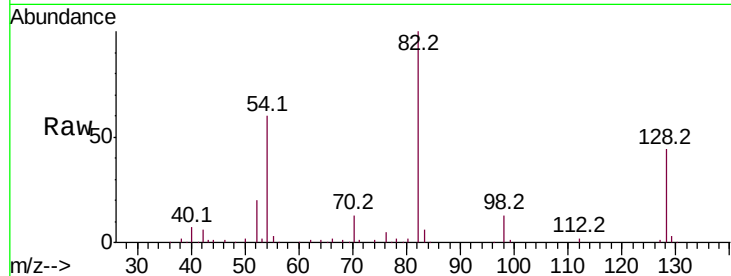




#23
 Nitrobenzene-d5
 Concen: 58.772 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

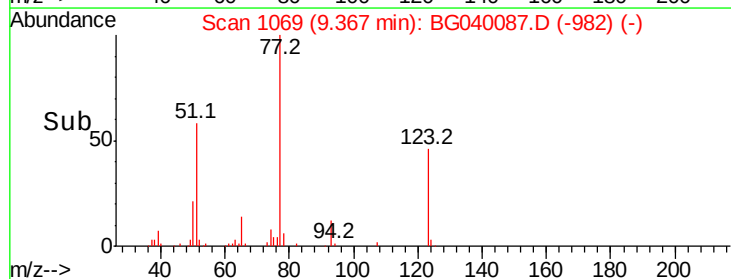
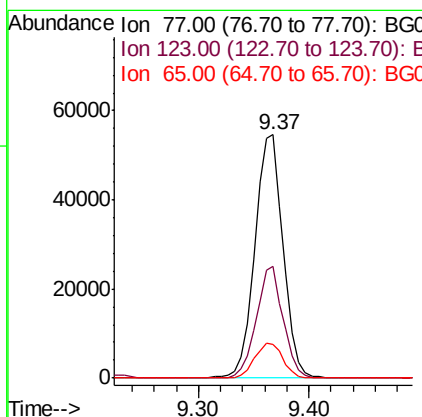
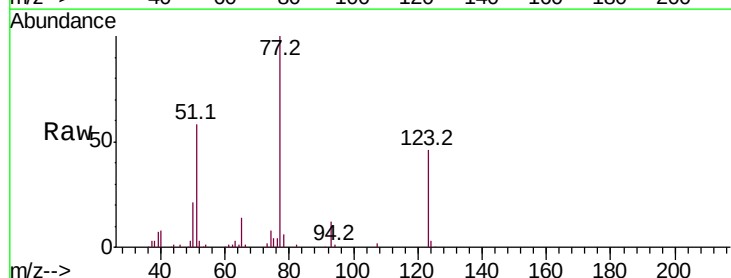
Instrument :
 BNA_G
 ClientSampled :

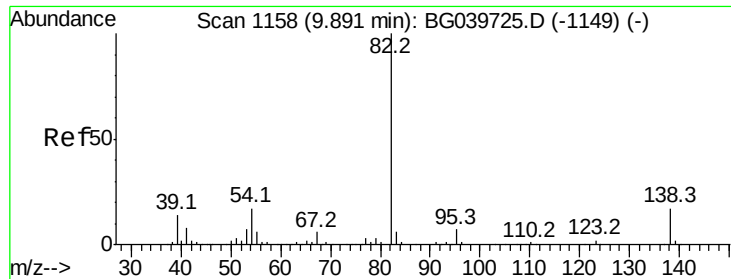
Tot Ion:	82	Resp:	193668
Ion	Ratio	Lower	Upper
82	100		
128	43.6	31.3	46.9
54	59.5	50.9	76.3



#24
 Nitrobenzene
 Concen: 28.219 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

Tgt Ion:	77	Resp:	97552
Ion	Ratio	Lower	Upper
77	100		
123	46.0	34.1	51.1
65	14.0	12.3	18.5





#25

Isophorone

Concen: 26.118 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

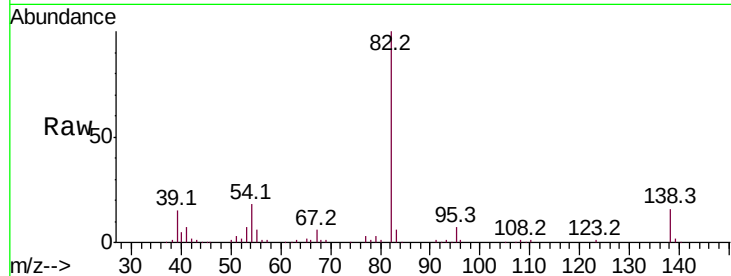
Tot Ion: 82 Resp: 180335

Ion Ratio Lower Upper

82 100

95 7.3 6.2 9.2

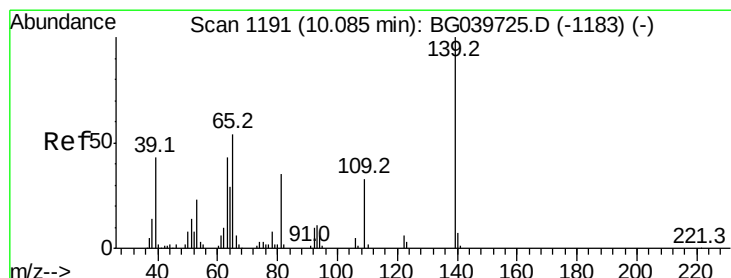
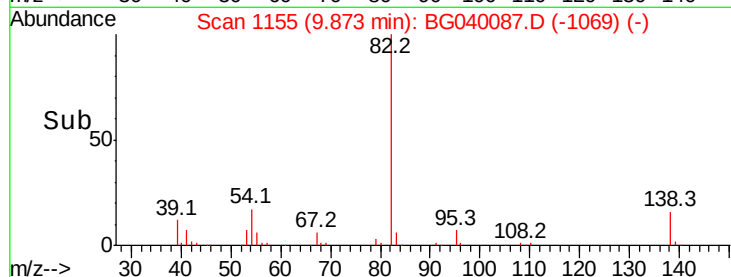
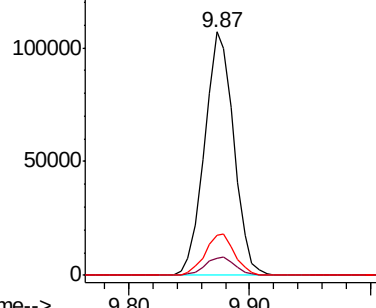
138 16.3 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BG039725.D (-1149) (-)

Ion 95.00 (94.70 to 95.70): BG039725.D (-1149) (-)

Ion 138.00 (137.70 to 138.70): BG039725.D (-1149) (-)



#26

2-Nitrophenol

Concen: 28.316 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

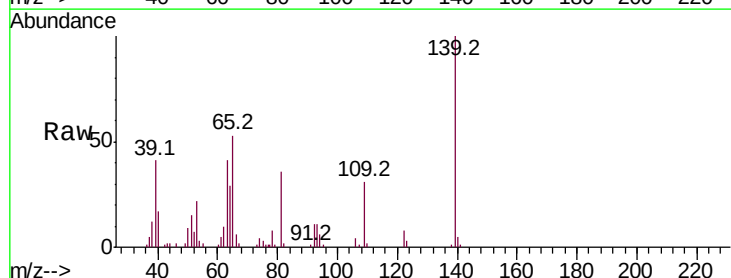
Tgt Ion:139 Resp: 47262

Ion Ratio Lower Upper

139 100

109 30.7 23.4 35.0

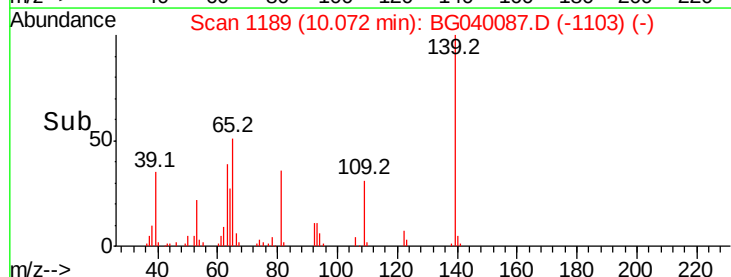
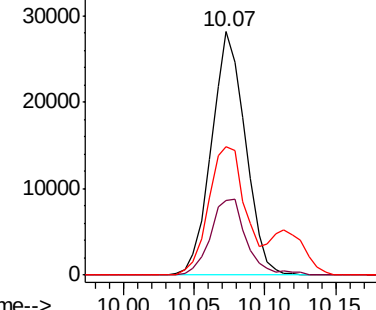
65 52.8 44.3 66.5

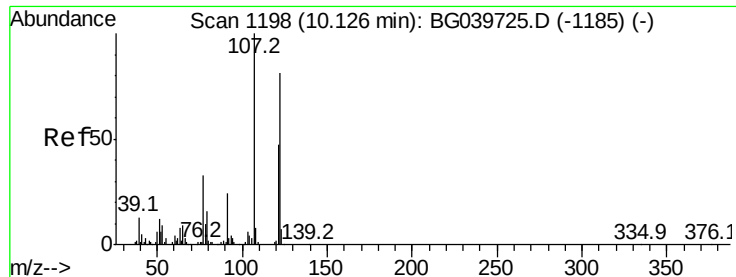


Abundance Ion 139.00 (138.70 to 139.70): BG039725.D (-1183) (-)

Ion 109.00 (108.70 to 109.70): BG039725.D (-1183) (-)

Ion 65.00 (64.70 to 65.70): BG039725.D (-1183) (-)





#27

2,4-Dimethylphenol

Concen: 32.781 ng

RT: 10.11 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

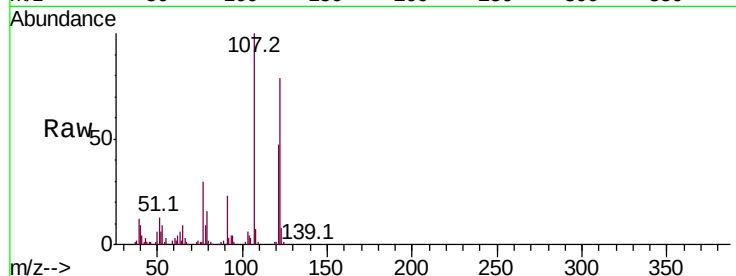
Tot Ion:122 Resp: 85095

Ion Ratio Lower Upper

122 100

107 127.1 91.7 137.5

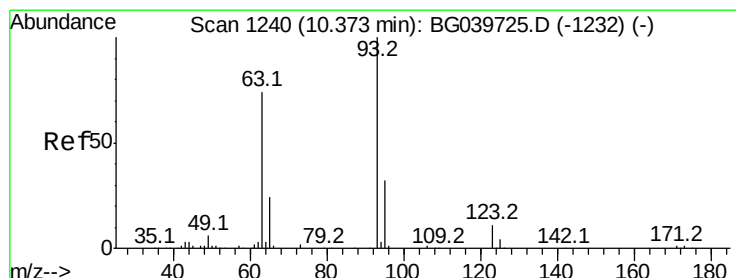
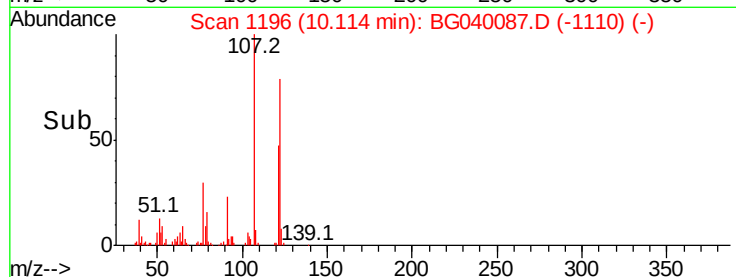
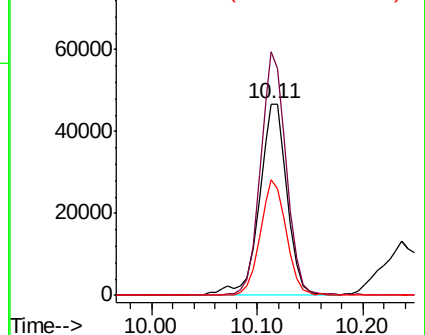
121 60.3 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 26.933 ng

RT: 10.36 min Scan# 1238

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

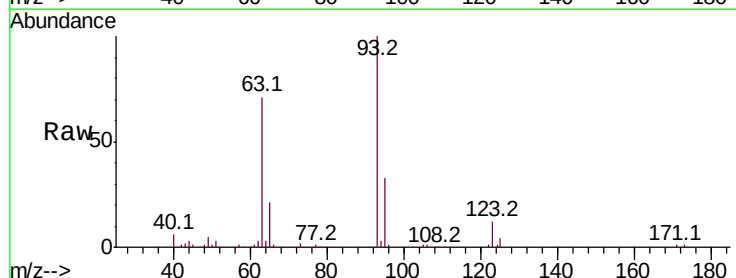
Tgt Ion: 93 Resp: 113009

Ion Ratio Lower Upper

93 100

95 32.6 25.0 37.4

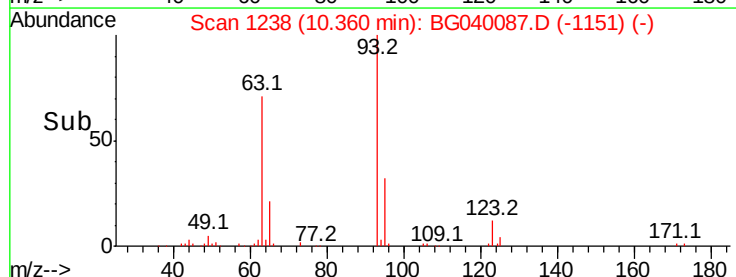
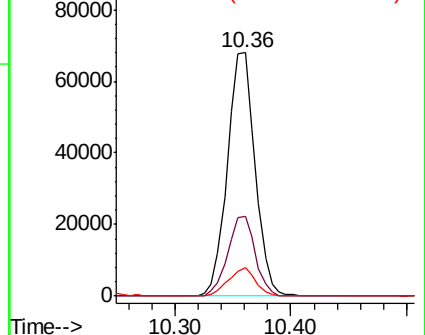
123 12.0 8.6 12.8

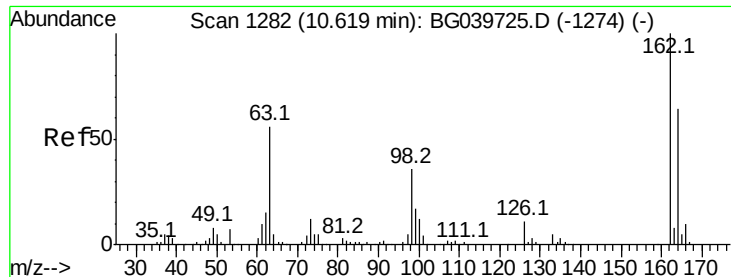


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

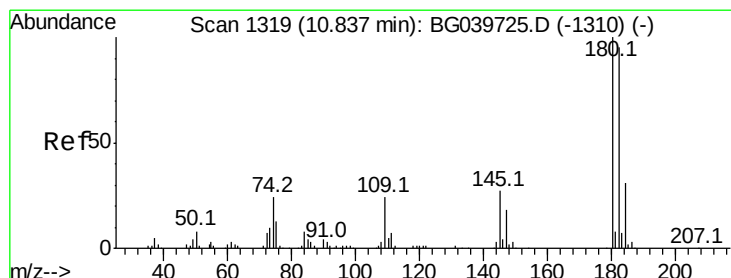
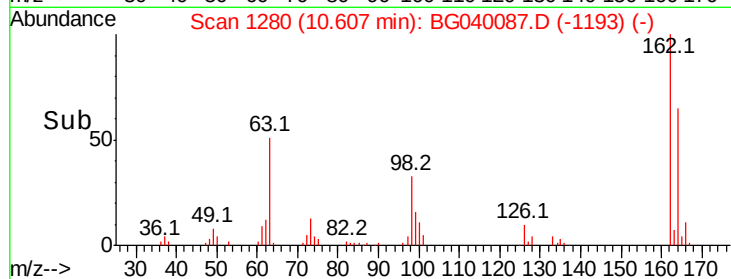
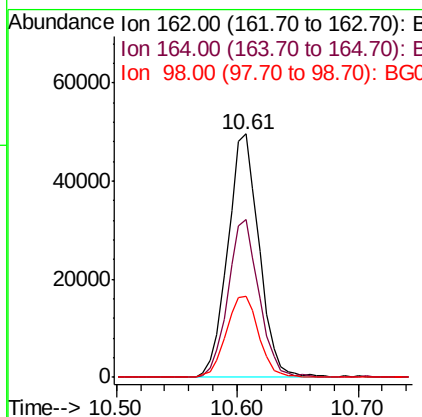
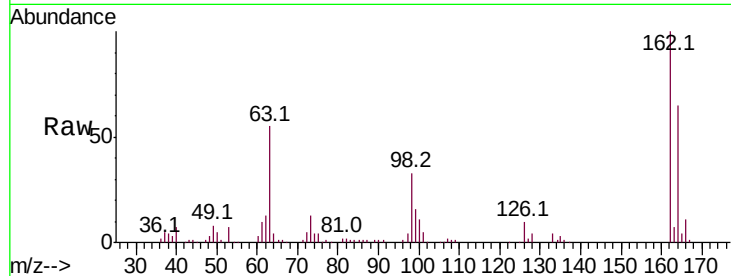




#29
 2,4-Dichlorophenol
 Concen: 30.680 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

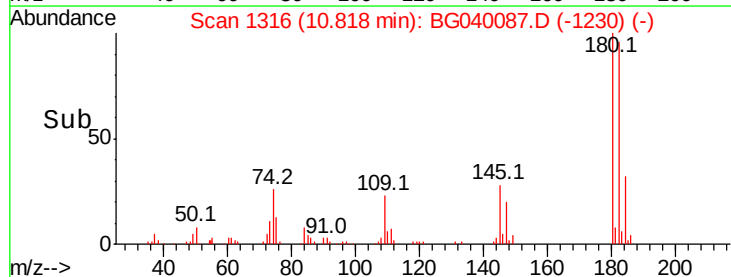
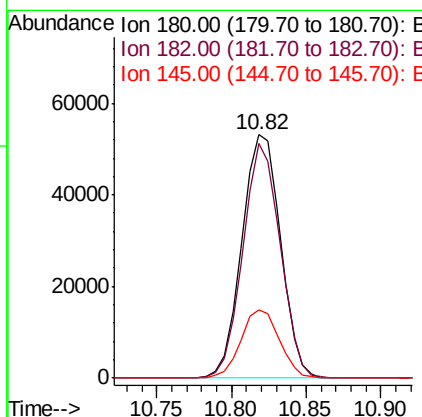
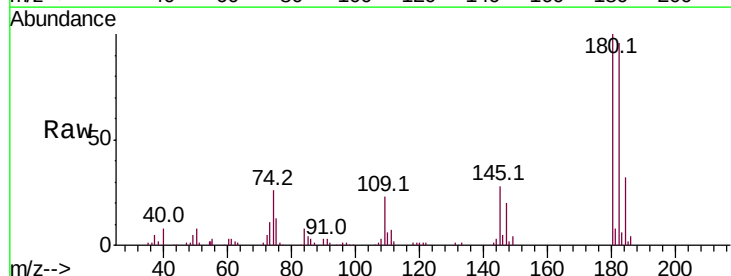
Instrument :
 BNA_G
 ClientSampleId :

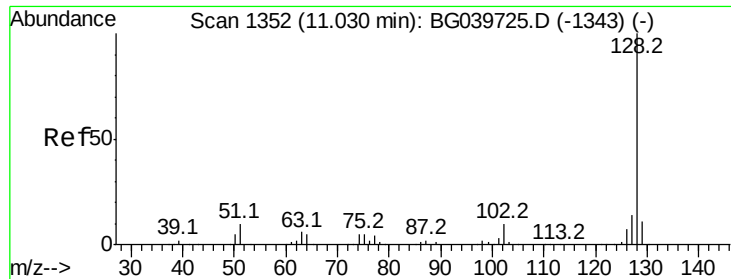
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	48.1	88.1
98	33.3	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 28.992 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.0	114.0
145	27.9	22.7	34.1

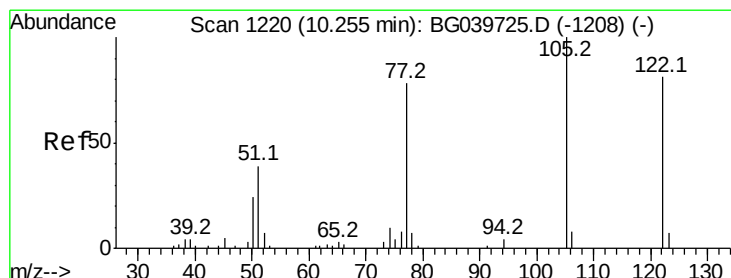
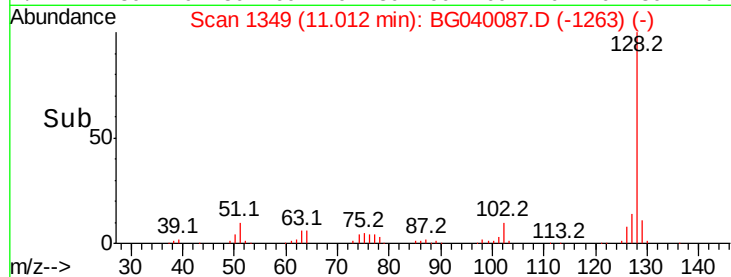
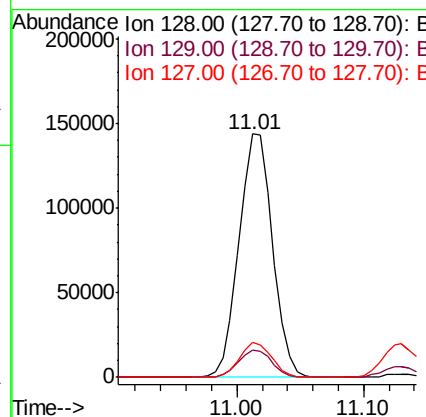
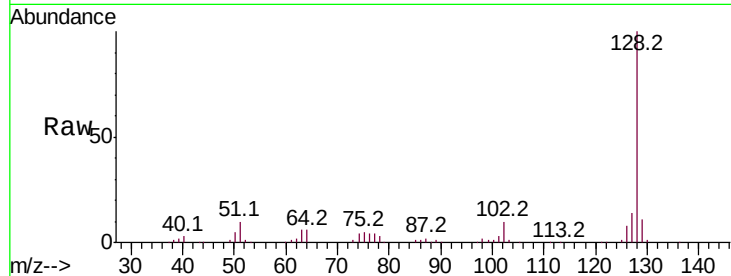




#31
Naphthalene
Concen: 27.837 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

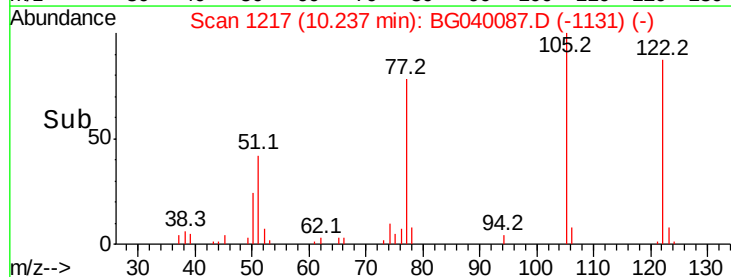
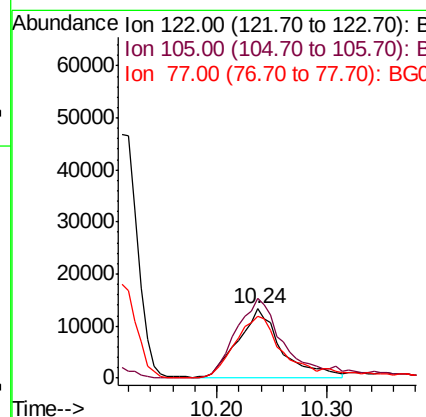
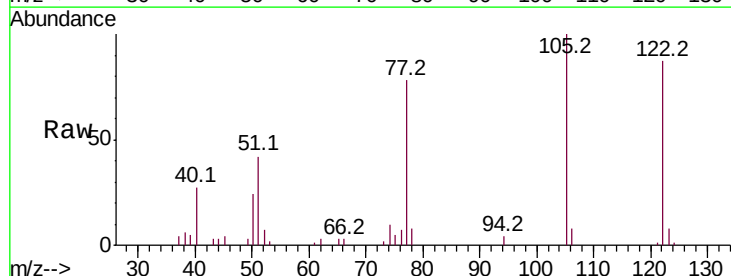
Instrument :
BNA_G
ClientSampleId :

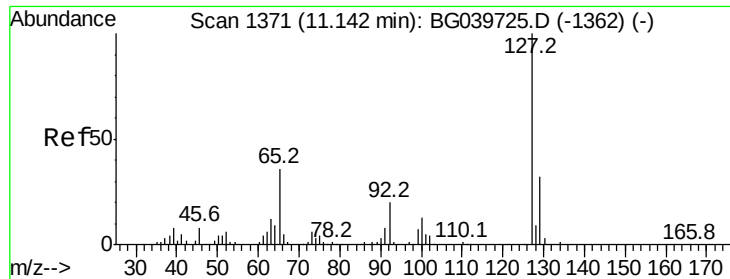
Tot Ion:128 Resp: 262669
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 14.1 10.8 16.2



#32
Benzoic acid
Concen: 24.033 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Tgt Ion:122 Resp: 36027
Ion Ratio Lower Upper
122 100
105 114.3 101.8 141.8
77 88.9 76.3 116.3

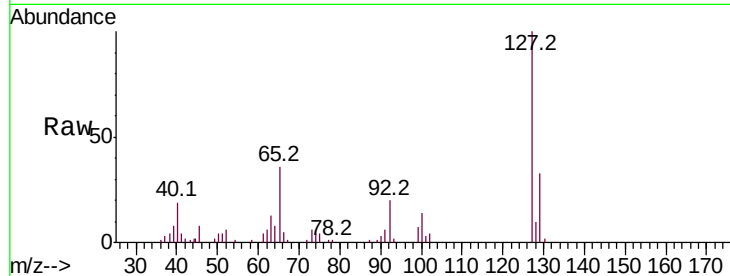




#33
4-Chloroaniline
Concen: 10.359 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	41450
Ion	Ratio	Lower	Upper
127	100		
129	32.9	27.0	40.4
65	36.5	28.8	43.2
92	19.8	16.6	25.0



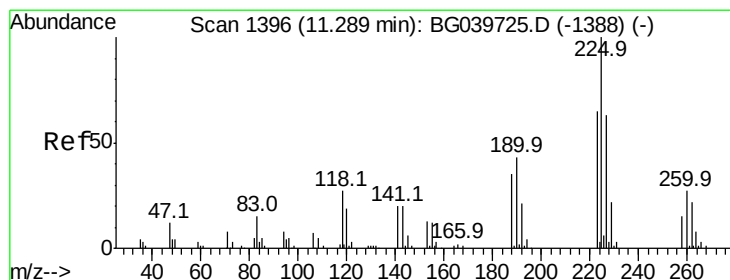
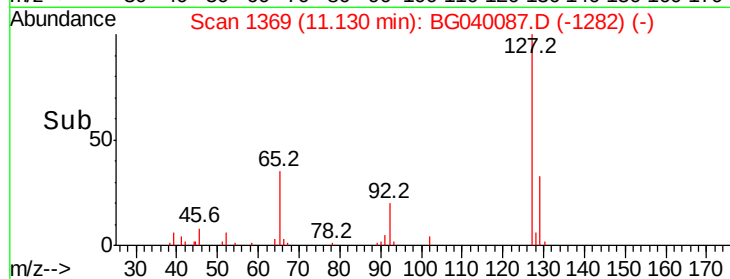
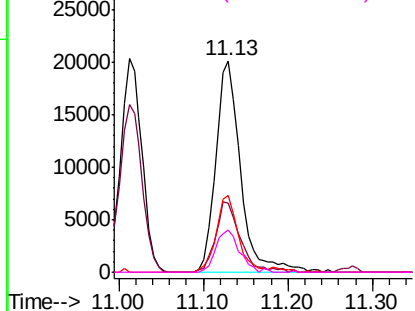
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

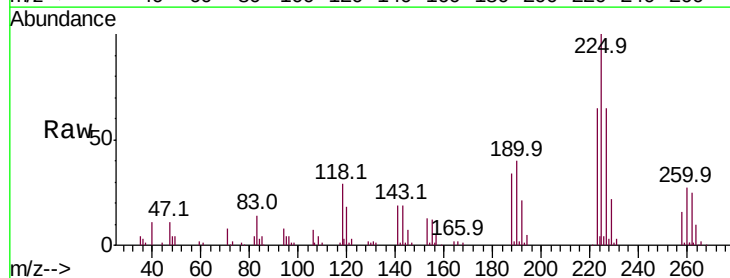
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 28.454 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Tgt Ion:	225	Resp:	63946
Ion	Ratio	Lower	Upper
225	100		
223	65.3	49.0	73.6
227	64.9	46.3	69.5

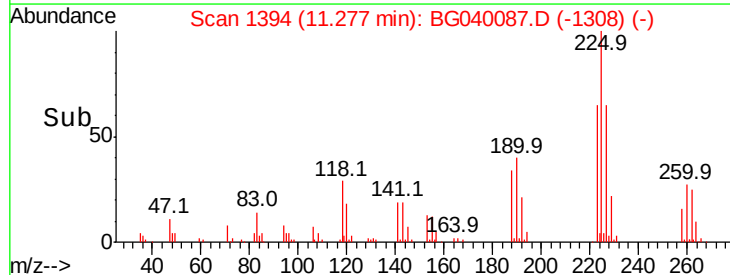
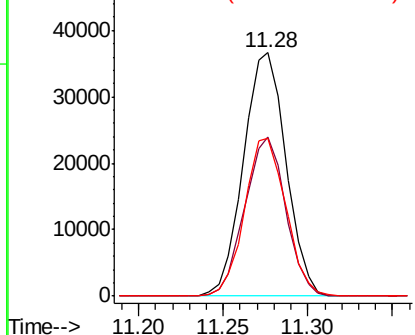


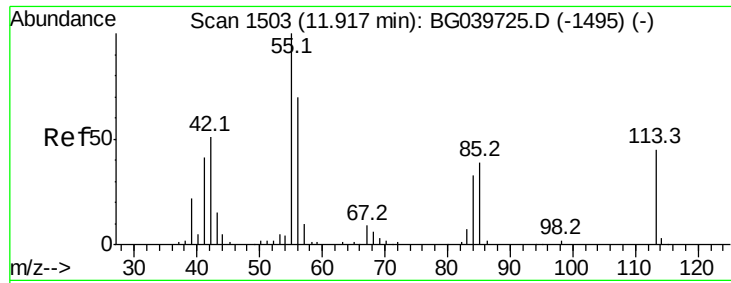
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

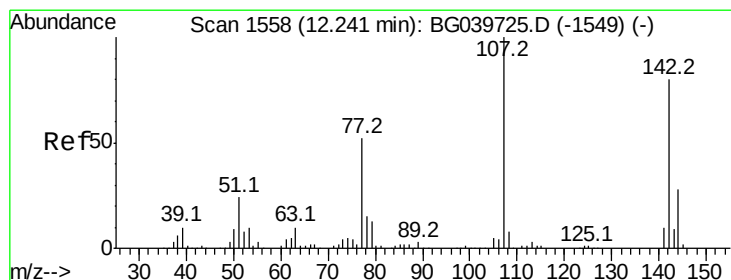
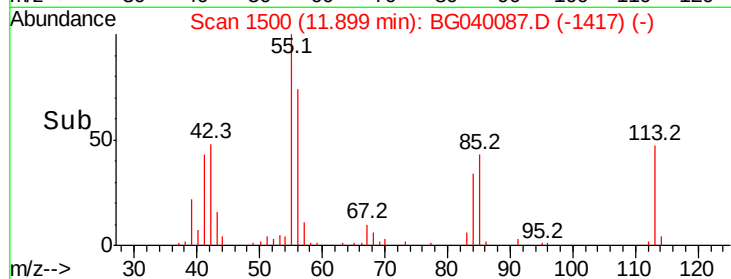
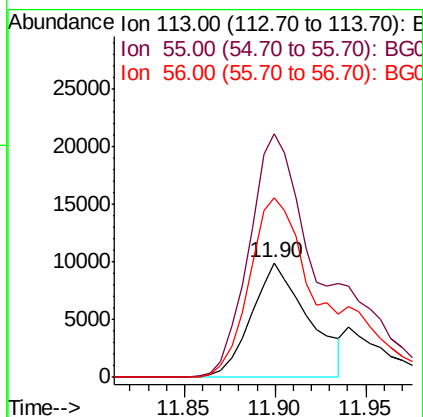
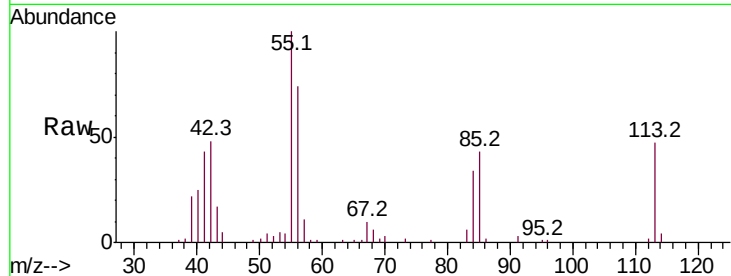




#35
 Caprolactam
 Concen: 19.438 ng
 RT: 11.90 min Scan# 1500
 Delta R.T. -0.04 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

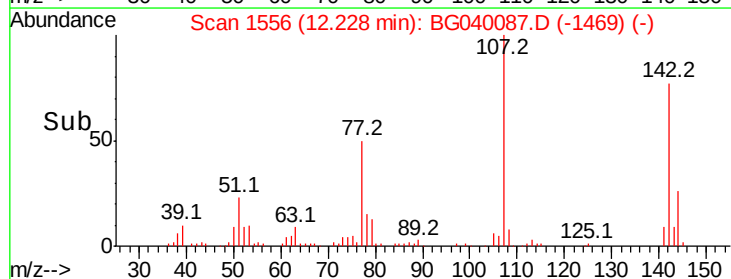
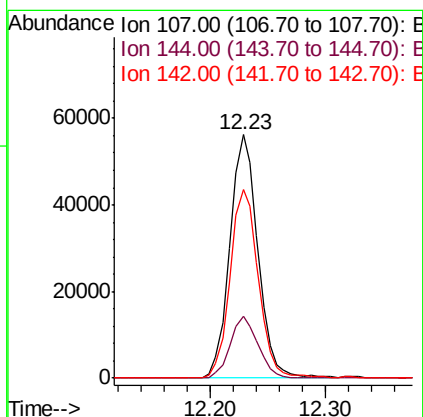
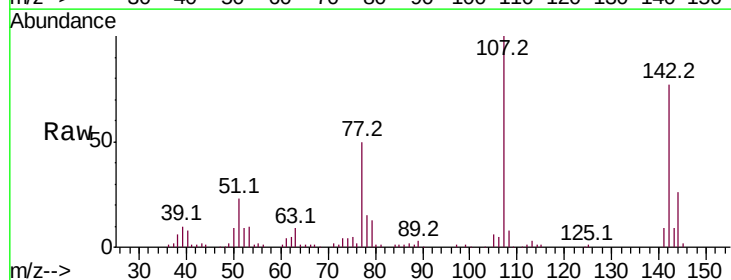
Instrument :
 BNA_G
 ClientSampled :

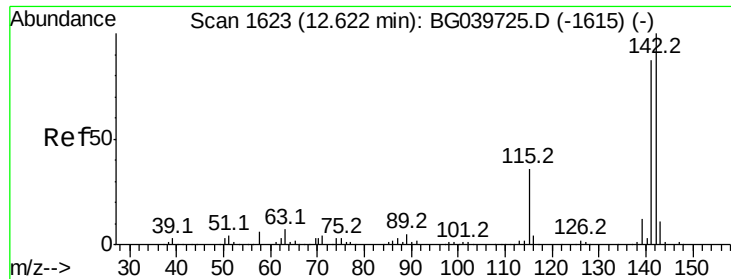
Tot Ion:113 Resp: 21701
 Ion Ratio Lower Upper
 113 100
 55 213.0 216.9 256.9#
 56 156.7 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 28.162 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

Tgt Ion:107 Resp: 94352
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.2 30.2
 142 77.2 61.4 92.2

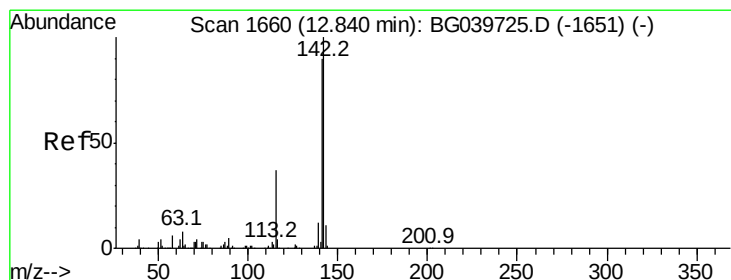
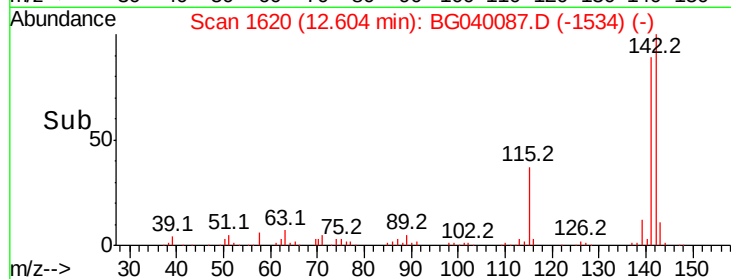
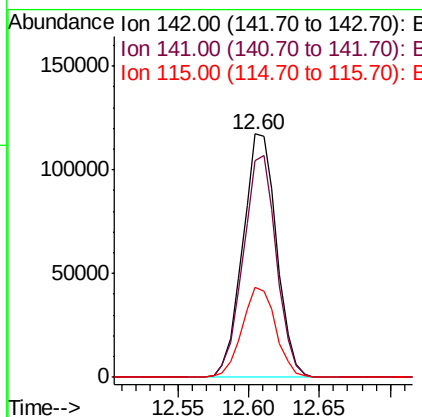
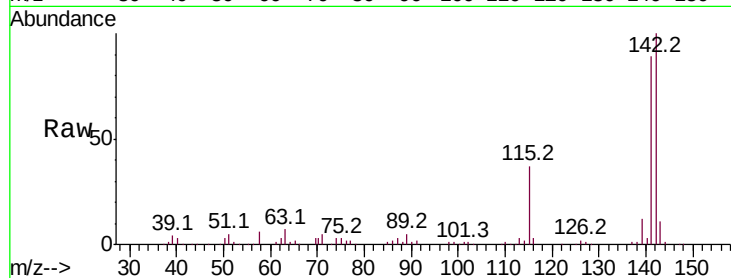




#37
 2-Methylnaphthalene
 Concen: 27.925 ng
 RT: 12.60 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

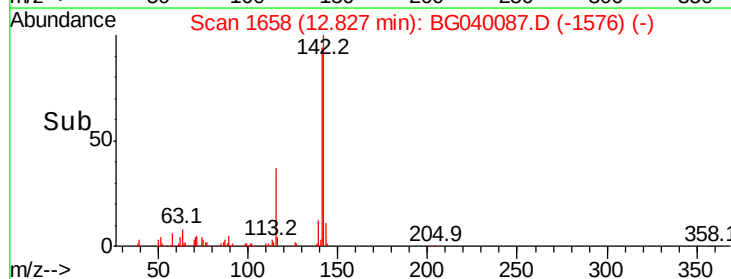
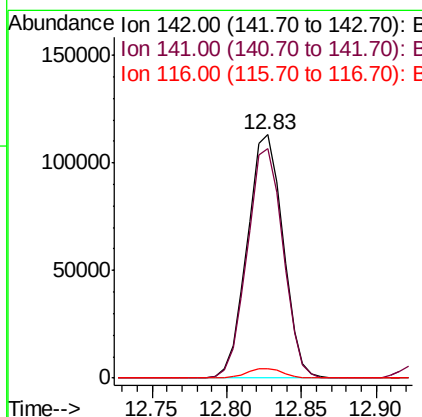
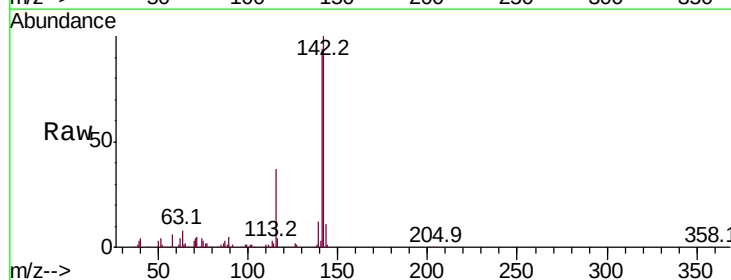
Instrument :
 BNA_G
 ClientSampleId :

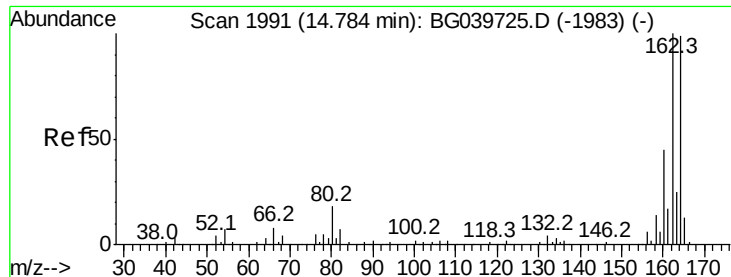
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.5	110.3
115	37.2	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 27.266 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.2	111.4
116	4.1	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

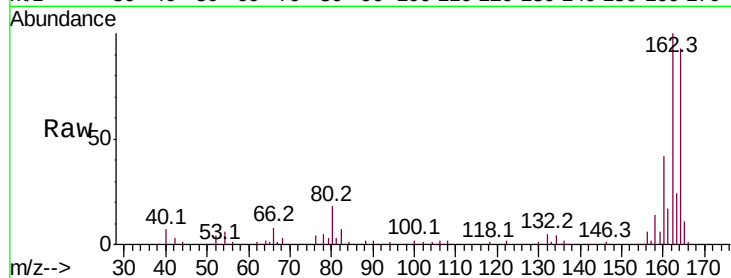
Tot Ion:164 Resp: 115608

Ion Ratio Lower Upper

164 100

162 107.1 81.6 122.4

160 44.5 34.2 51.2

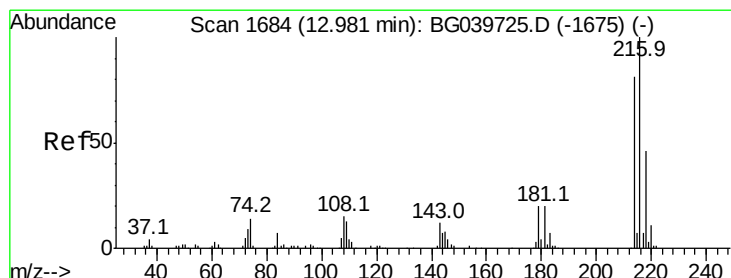
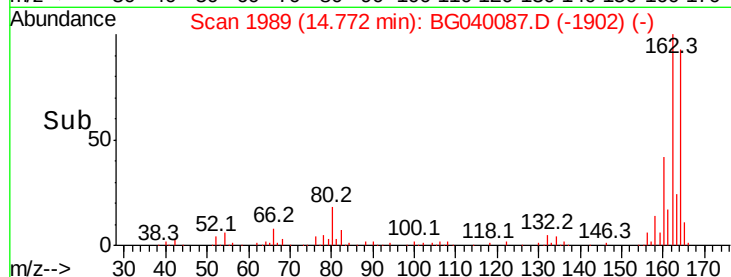
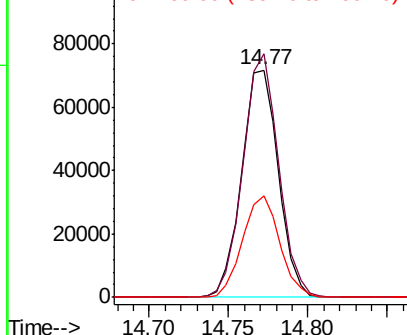


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 28.534 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

Tgt Ion:216 Resp: 111755

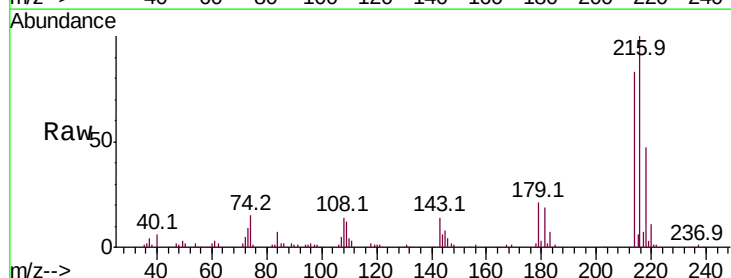
Ion Ratio Lower Upper

216 100

214 79.2 62.6 94.0

179 21.1 16.6 25.0

108 17.4 14.0 21.0



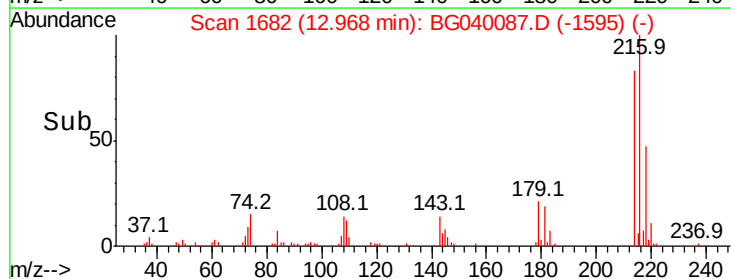
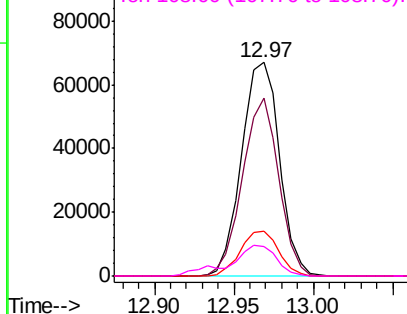
Abundance

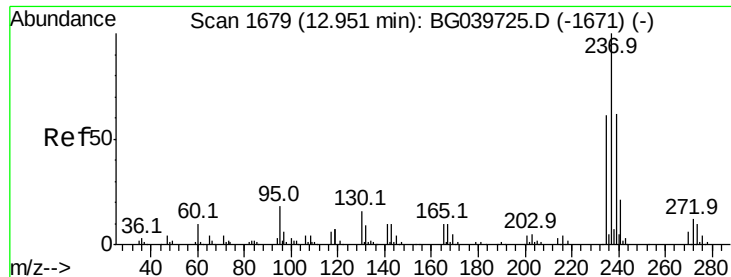
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

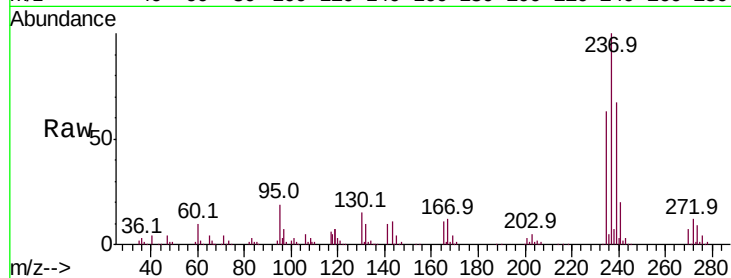




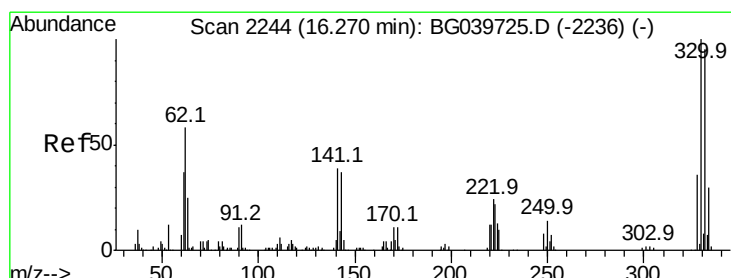
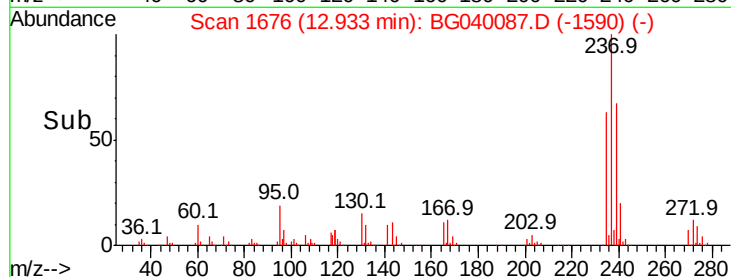
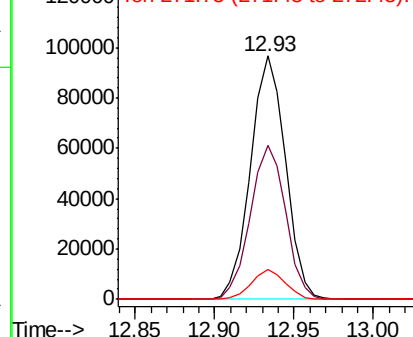
#41
Hexachlorocyclopentadiene
Concen: 70.628 ng
RT: 12.93 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.3	83.3
272	12.2	0.0	32.3

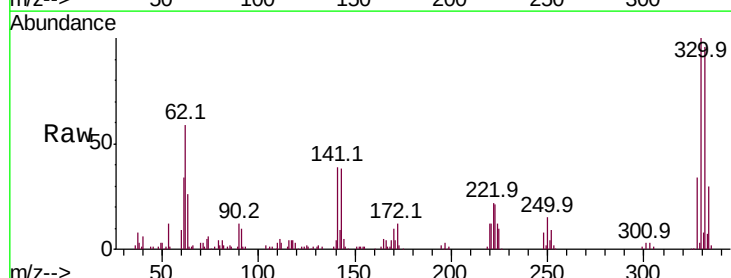


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

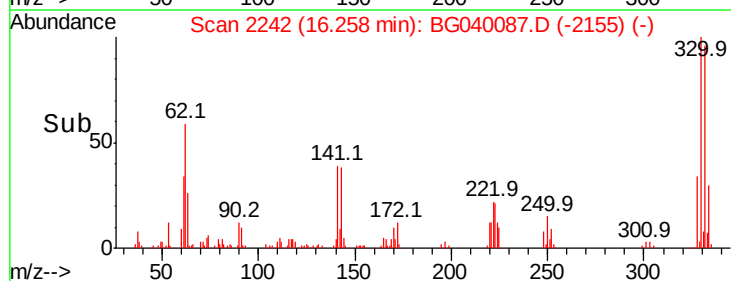
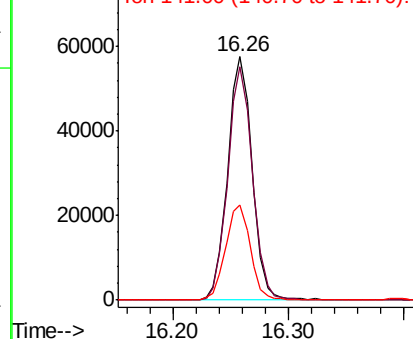


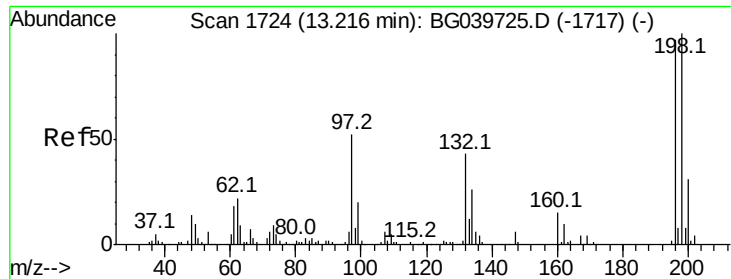
#42
2,4,6-Tribromophenol
Concen: 62.634 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.7	113.5
141	39.4	35.6	53.4



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

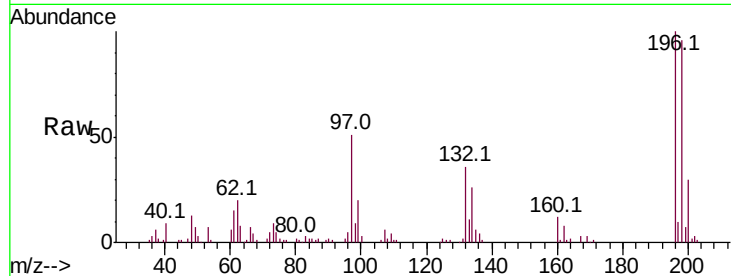




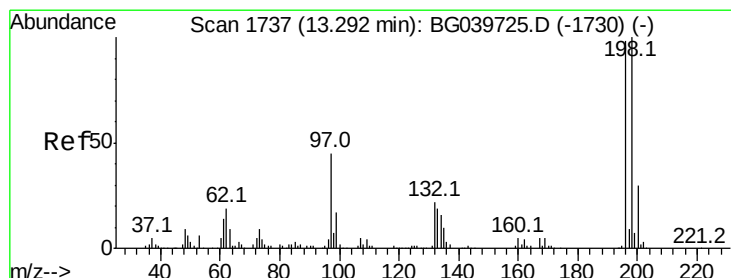
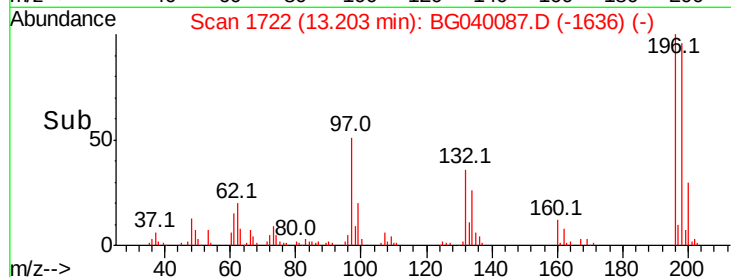
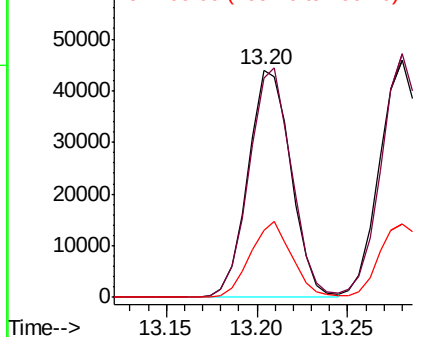
#43
 2,4,6-Trichlorophenol
 Concen: 31.482 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 72186
 Ion Ratio Lower Upper
 196 100
 198 96.4 80.6 121.0
 200 29.5 26.1 39.1



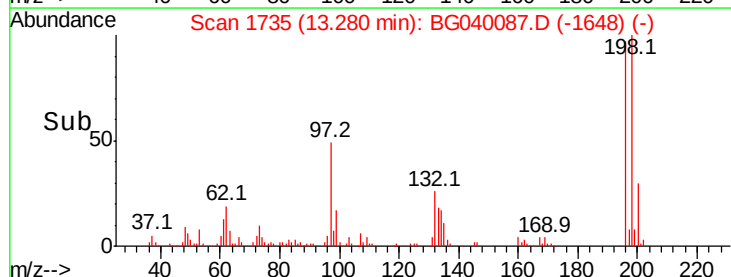
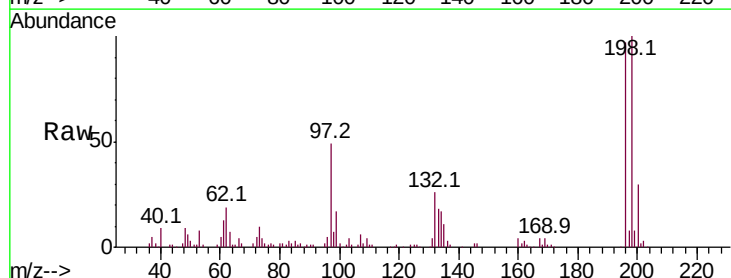
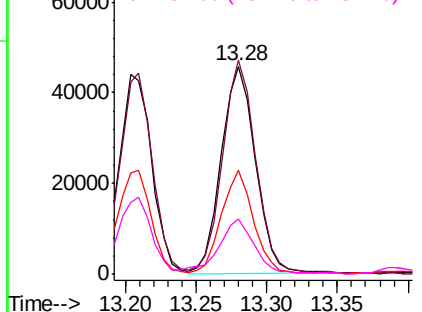
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

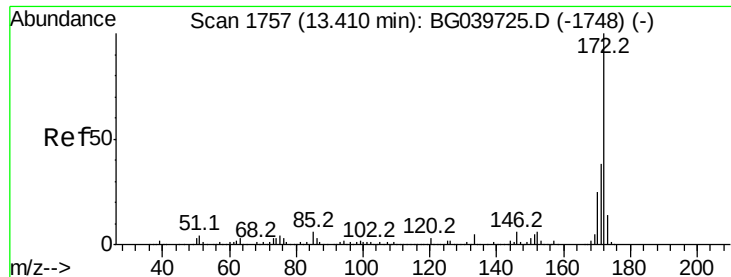


#44
 2,4,5-Trichlorophenol
 Concen: 29.587 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

Tgt Ion:196 Resp: 76470
 Ion Ratio Lower Upper
 196 100
 198 102.8 78.5 117.7
 97 50.2 38.4 57.6
 132 26.5 19.2 28.8

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

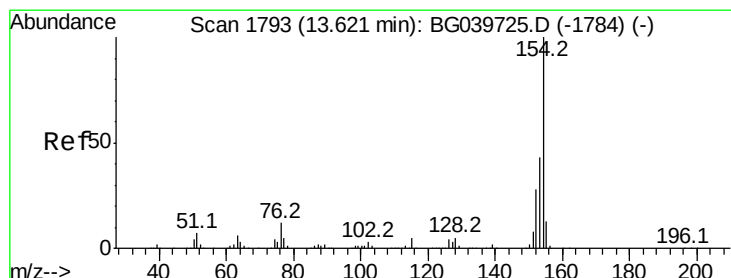
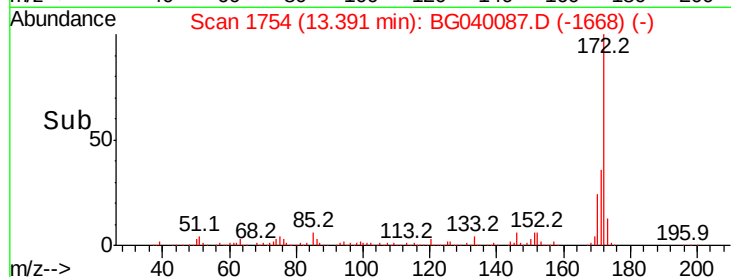
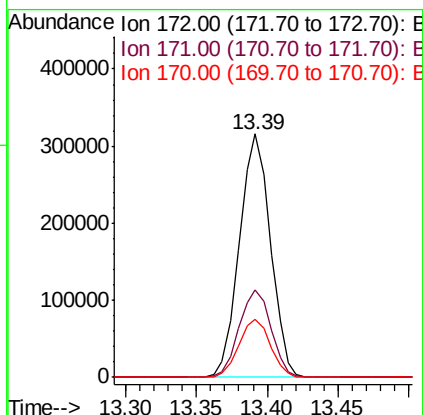
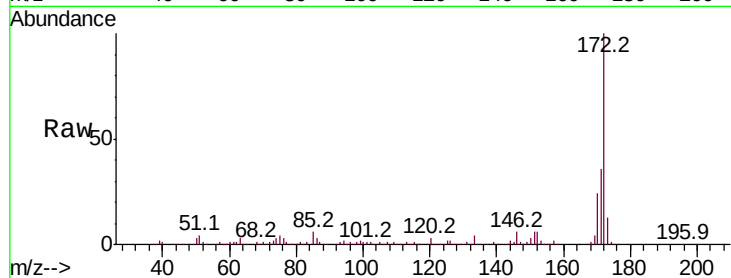




#45
2-Fluorobiphenyl
Concen: 59.412 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

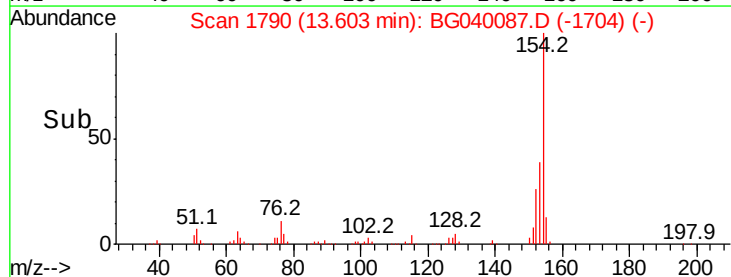
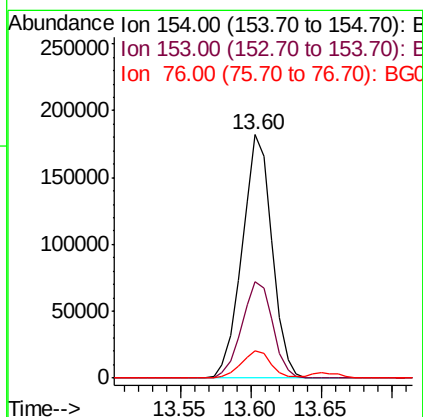
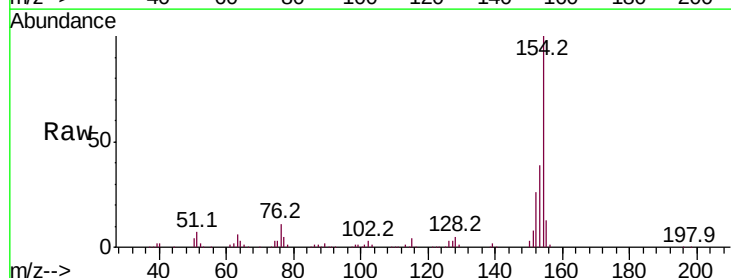
Instrument :
BNA_G
ClientSampleId :

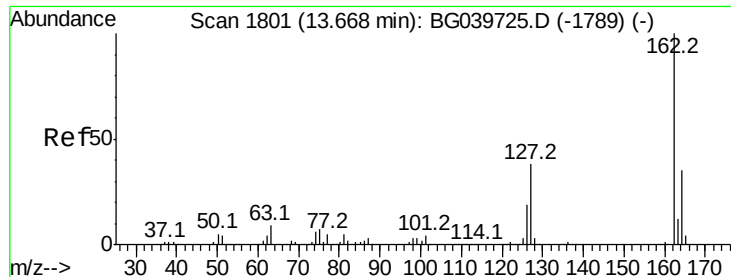
Tot Ion:172 Resp: 482399
Ion Ratio Lower Upper
172 100
171 36.1 30.8 46.2
170 23.9 20.2 30.4



#46
1,1'-Biphenyl
Concen: 28.244 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Tgt Ion:154 Resp: 268561
Ion Ratio Lower Upper
154 100
153 39.5 22.1 62.1
76 11.2 0.0 32.4

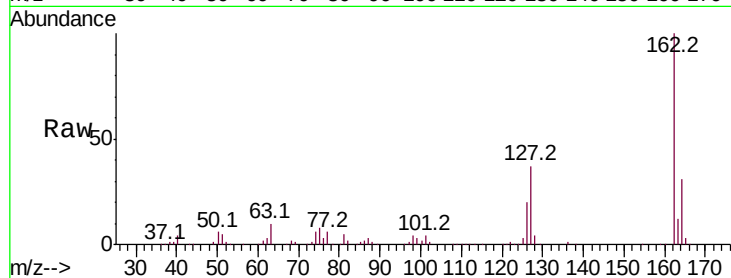




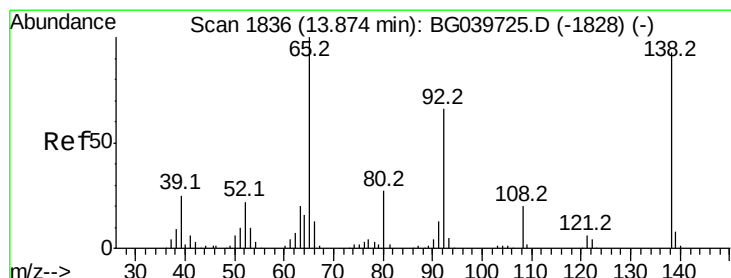
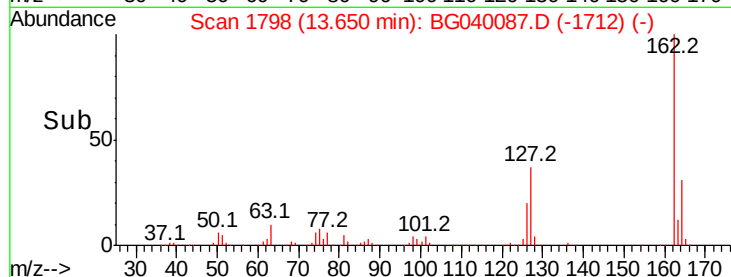
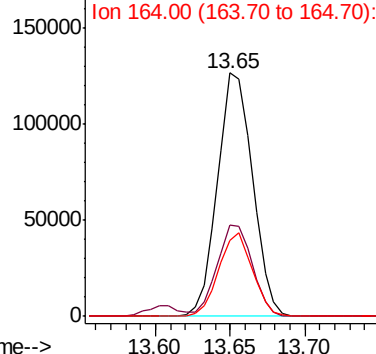
#47
 2-Chloronaphthalene
 Concen: 28.712 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	31.0	46.6
164	31.4	25.7	38.5

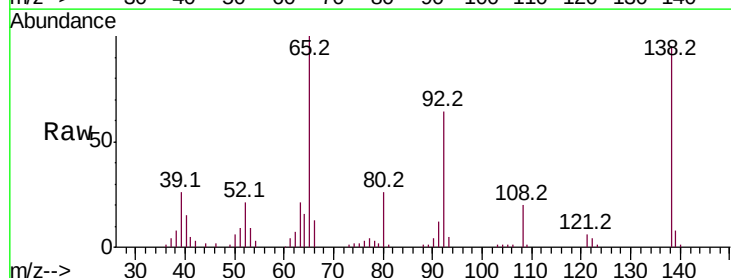


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

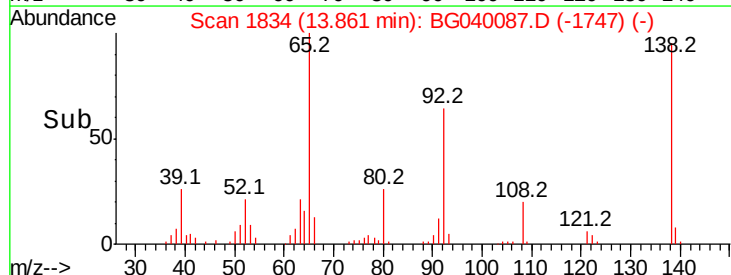
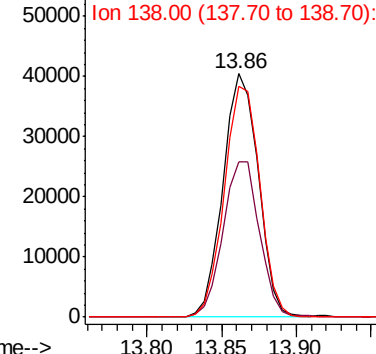


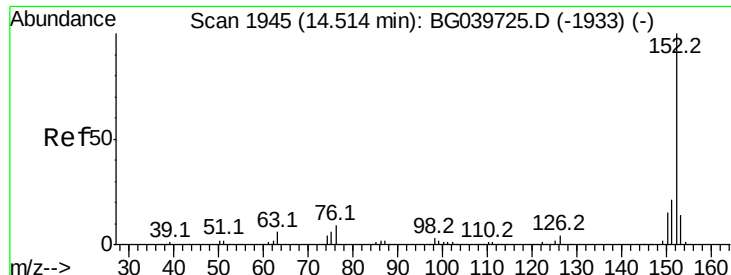
#48
 2-Nitroaniline
 Concen: 28.775 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.6	51.4	77.2
138	94.7	71.4	107.2



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 27.878 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

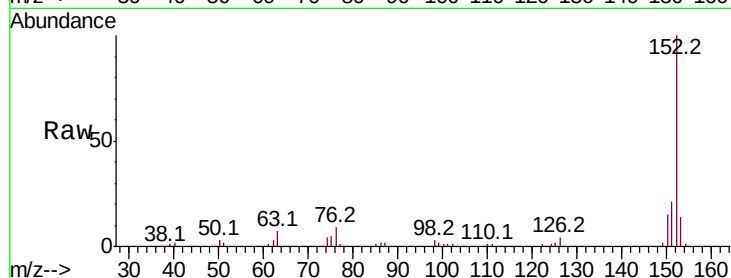
Tot Ion:152 Resp: 327362

Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2

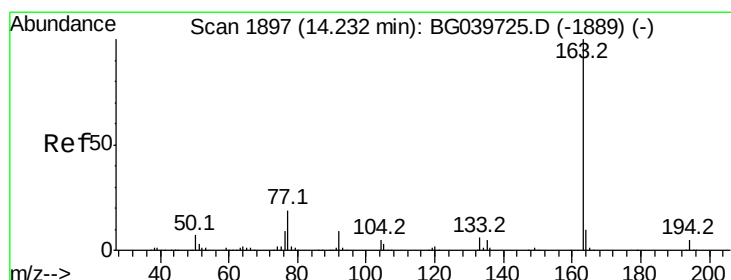
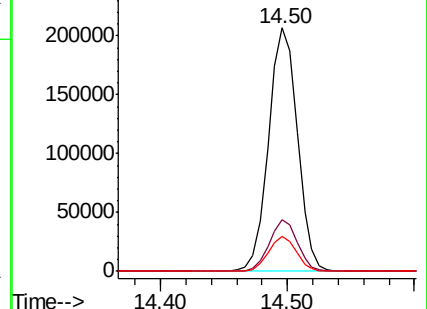
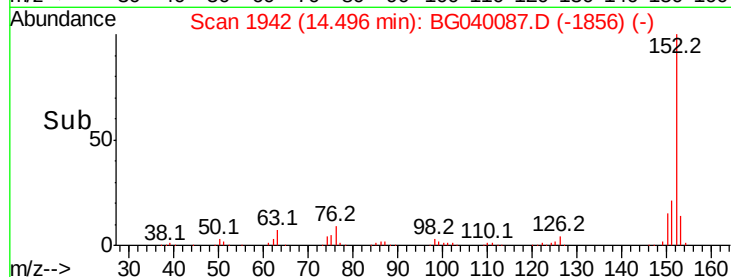
153 14.4 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 28.064 ng

RT: 14.21 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

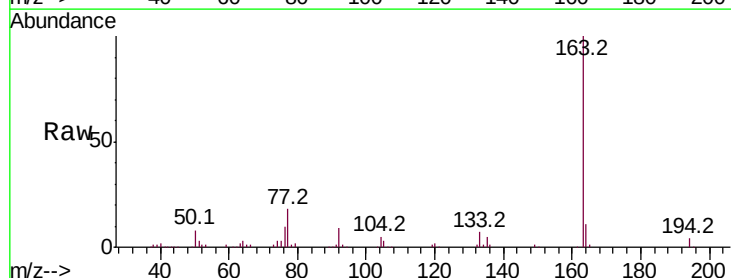
Tgt Ion:163 Resp: 271291

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

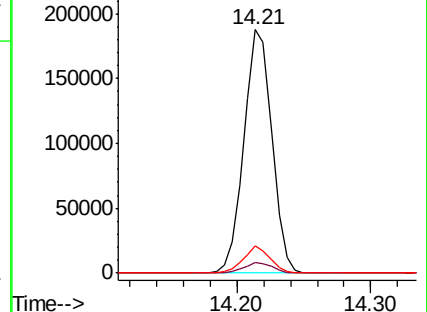
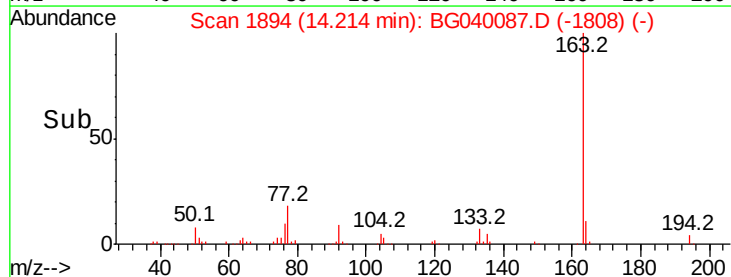
164 11.2 8.4 12.6

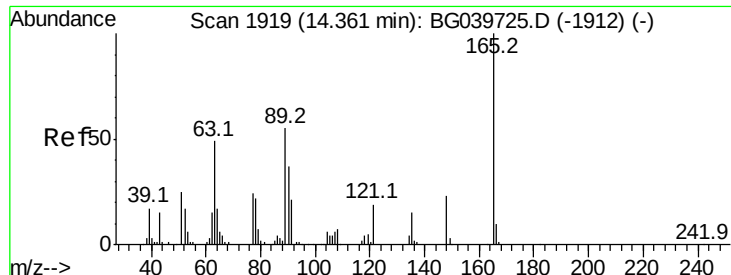


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

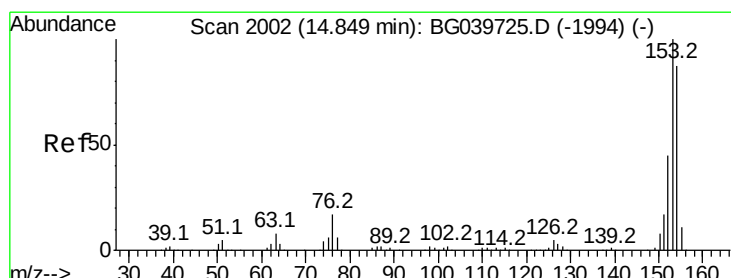
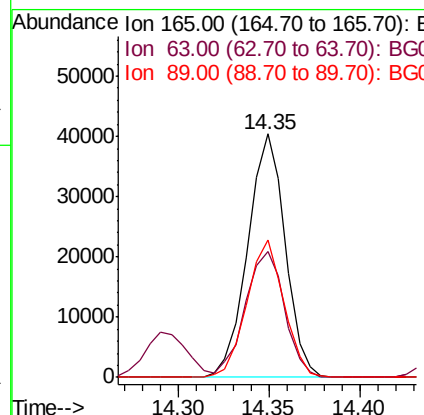
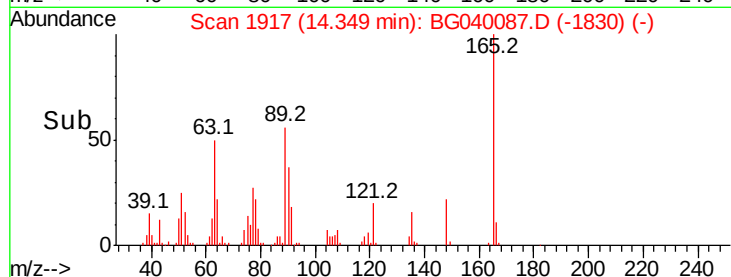
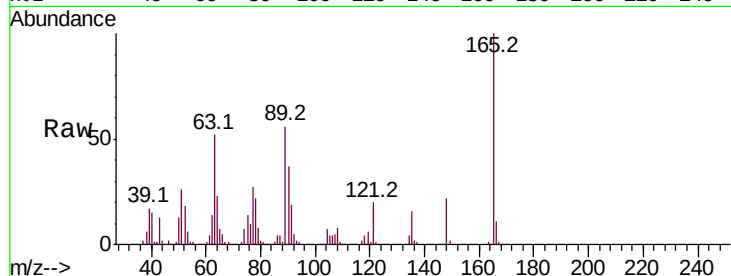




#51
2,6-Dinitrotoluene
Concen: 28.241 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

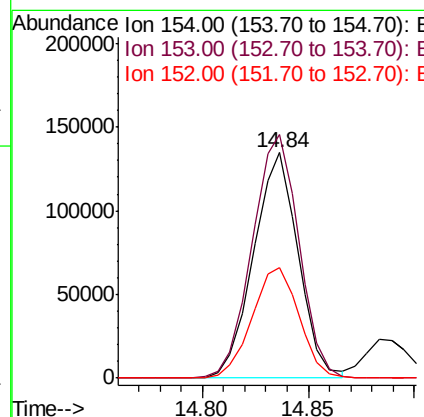
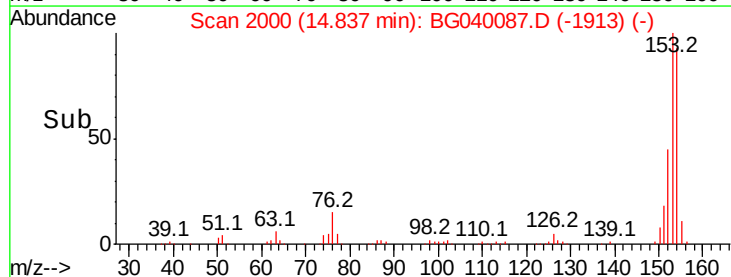
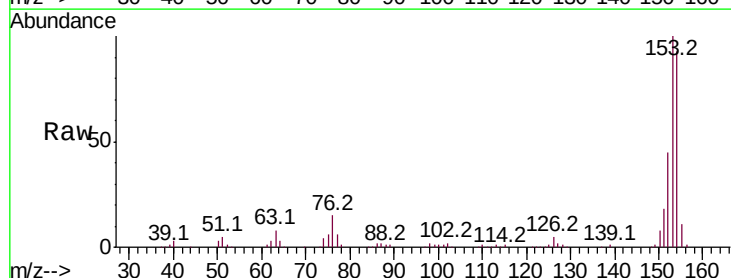
Instrument :
BNA_G
ClientSampled :

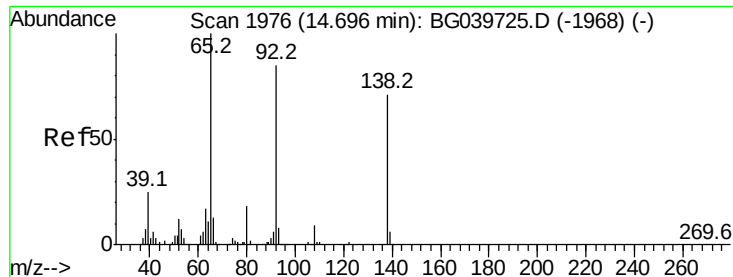
Tot Ion:165 Resp: 57877
Ion Ratio Lower Upper
165 100
63 51.7 47.0 70.6
89 56.4 45.8 68.8



#52
Acenaphthene
Concen: 28.073 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Tgt Ion:154 Resp: 198411
Ion Ratio Lower Upper
154 100
153 108.1 90.1 135.1
152 48.9 40.9 61.3

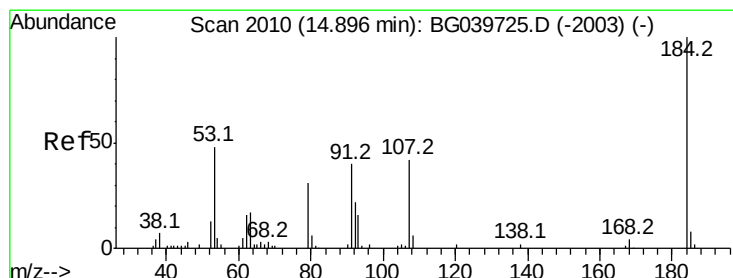
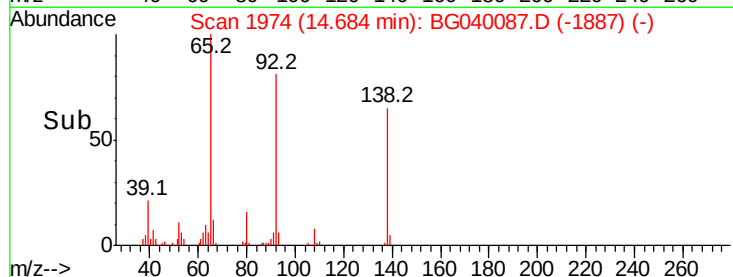
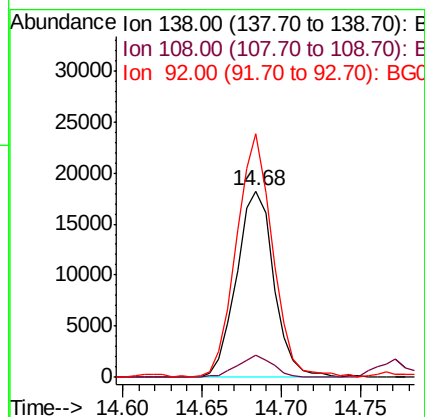
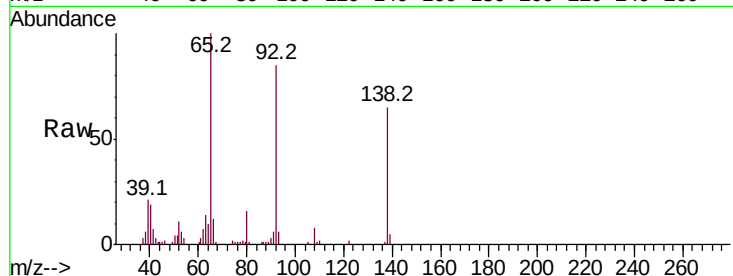




#53
3-Nitroaniline
Concen: 14.444 ng
RT: 14.68 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

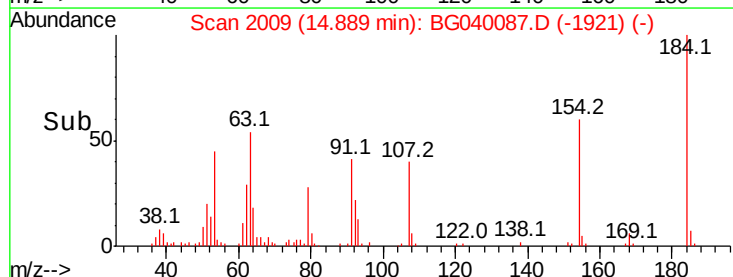
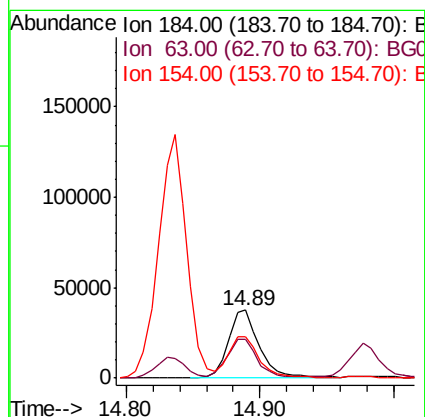
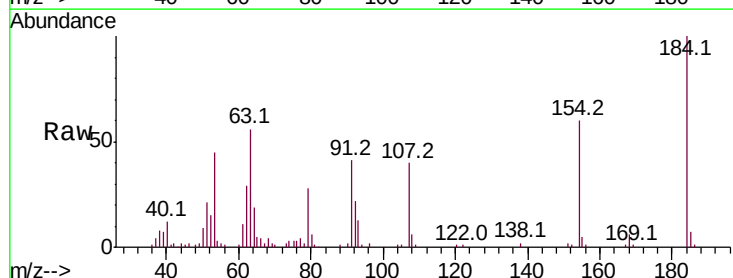
Instrument :
BNA_G
ClientSampleId :

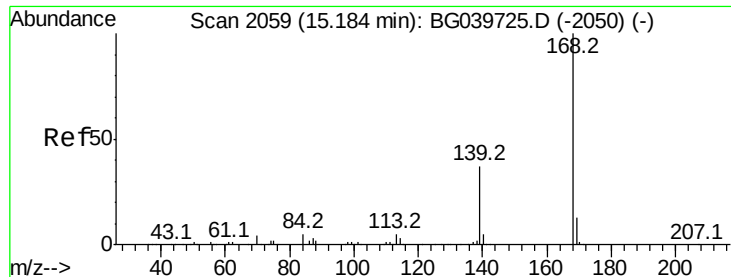
Tot Ion:138 Resp: 29756
Ion Ratio Lower Upper
138 100
108 11.7 13.8 20.8#
92 130.9 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 49.541 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Tgt Ion:184 Resp: 61259
Ion Ratio Lower Upper
184 100
63 56.4 50.9 76.3
154 60.5 53.0 79.6

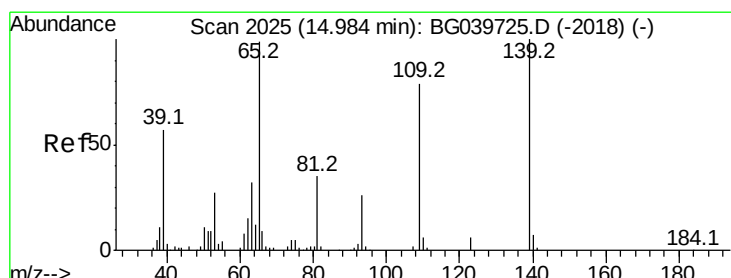
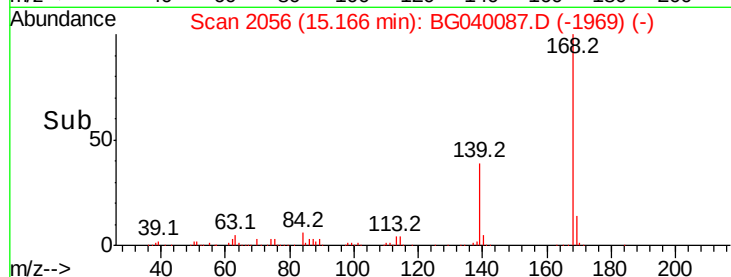
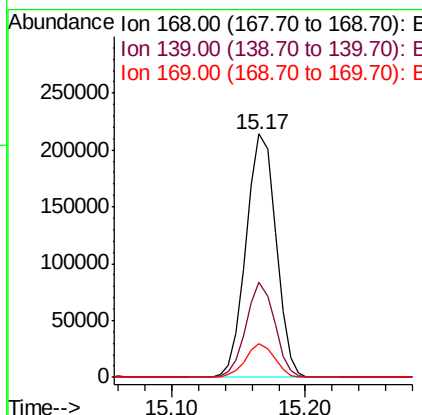
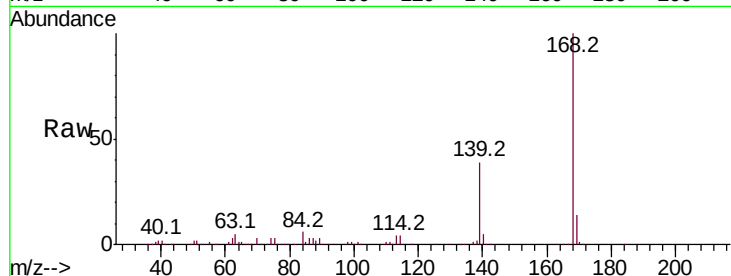




#55
Dibenzofuran
Concen: 28.542 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

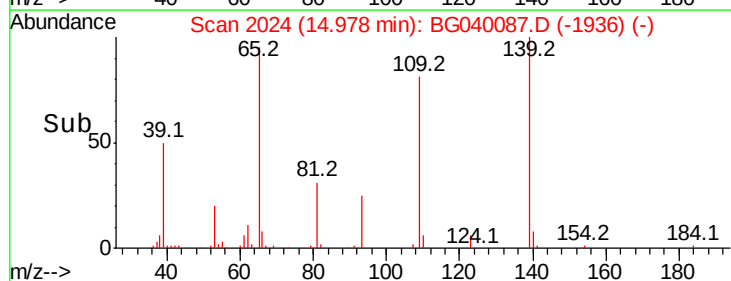
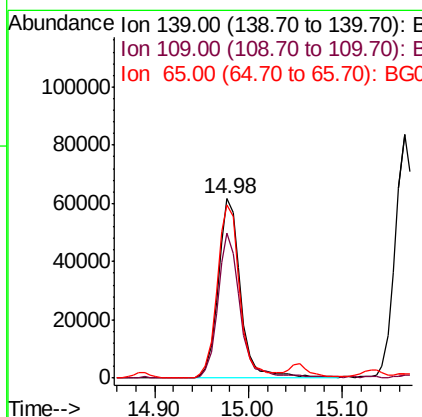
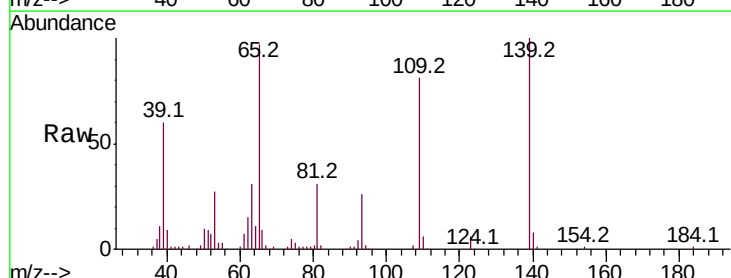
Instrument :
BNA_G
ClientSampleId :

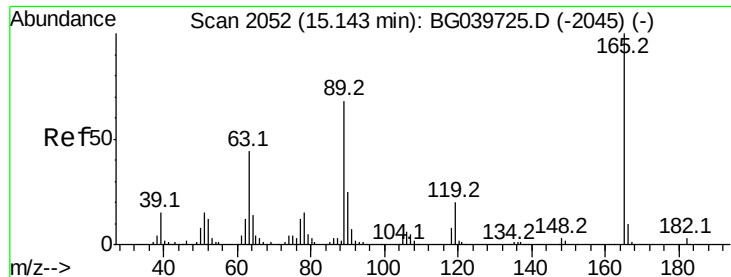
Tot Ion:168 Resp: 330971
Ion Ratio Lower Upper
168 100
139 39.0 30.1 45.1
169 14.1 10.6 16.0



#56
4-Nitrophenol
Concen: 55.590 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Tgt Ion:139 Resp: 102445
Ion Ratio Lower Upper
139 100
109 80.7 61.9 101.9
65 97.0 99.1 139.1#

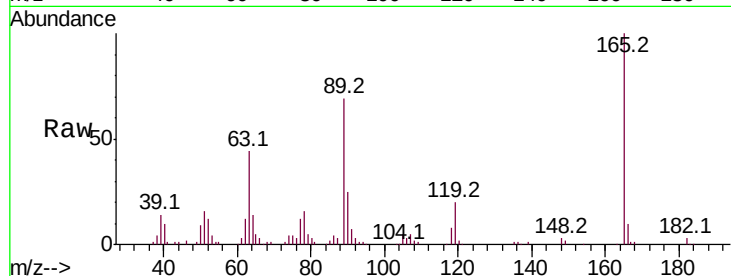




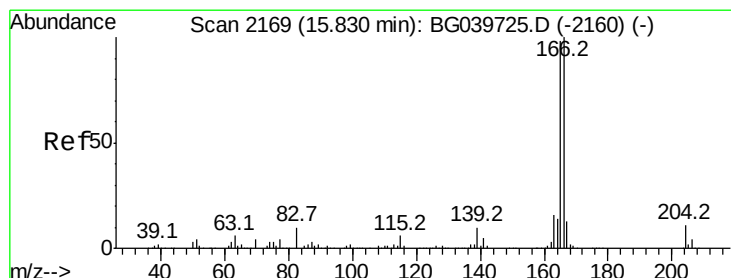
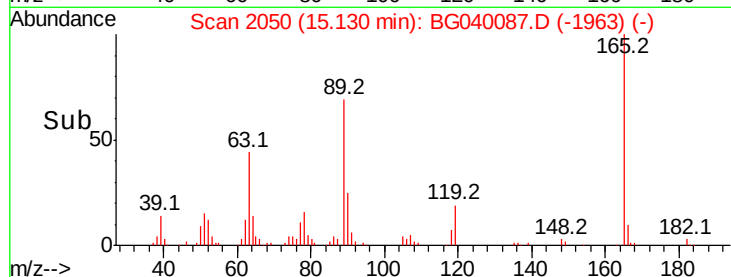
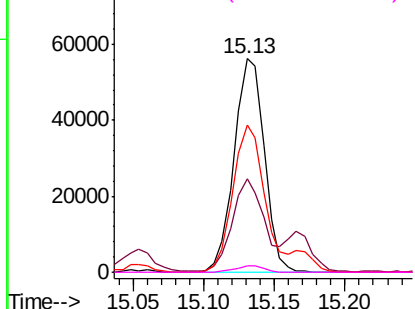
#57
 2,4-Dinitrotoluene
 Concen: 29.203 ng
 RT: 15.13 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 84094
 Ion Ratio Lower Upper
 165 100
 63 43.7 41.0 61.6
 89 69.0 64.6 96.8
 182 3.1 2.0 3.0#

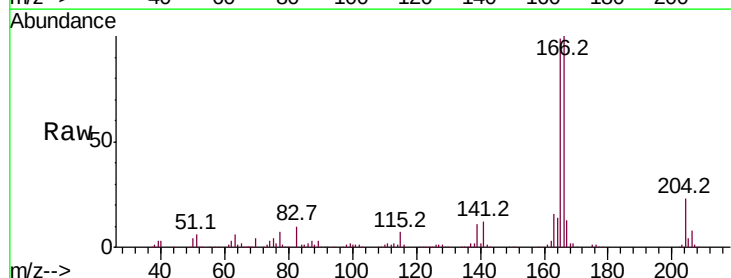


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

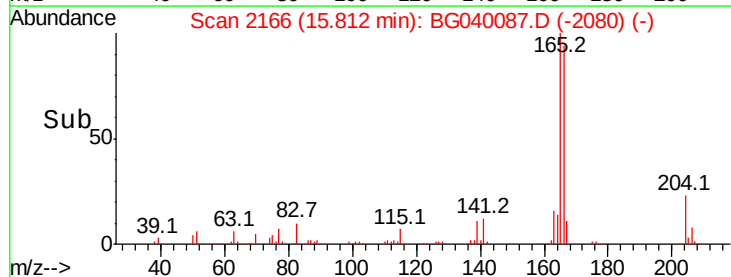
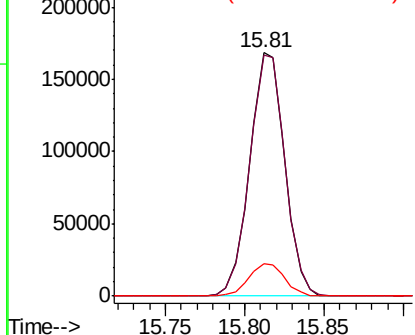


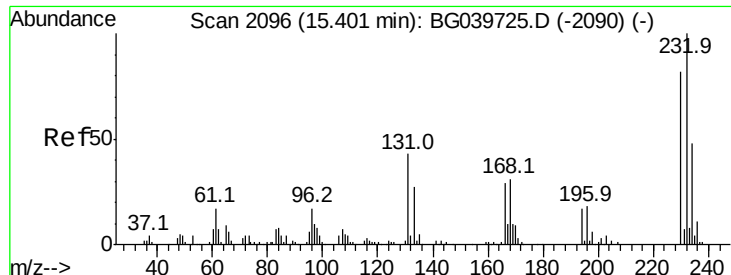
#58
 Fluorene
 Concen: 28.347 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.02 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

Tgt Ion:166 Resp: 258410
 Ion Ratio Lower Upper
 166 100
 165 99.0 77.9 116.9
 167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

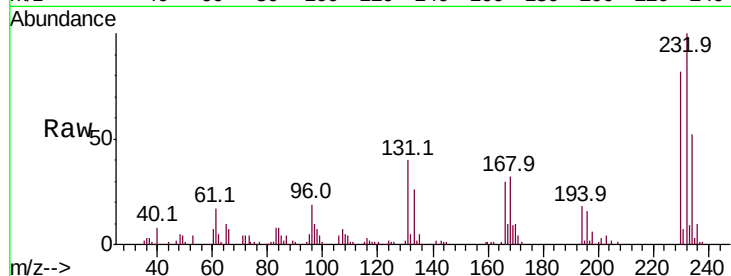




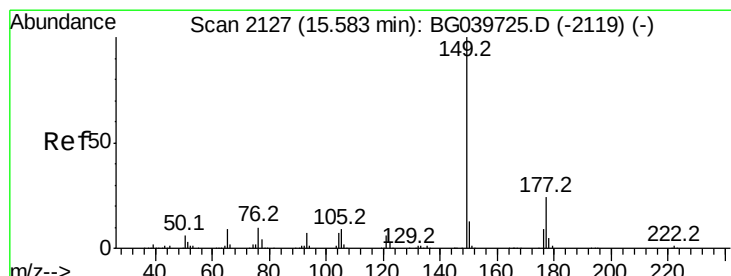
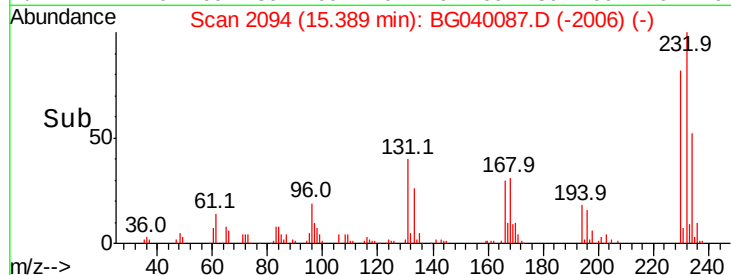
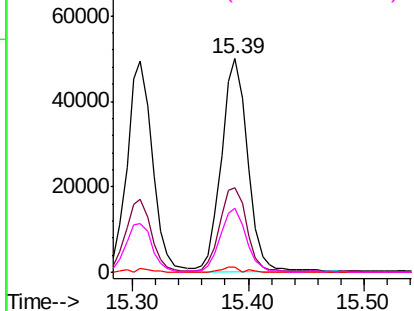
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 31.313 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	79037
Ion	Ratio	Lower	Upper
232	100		
131	40.4	34.9	52.3
130	1.9	2.0	3.0
166	29.8	24.1	36.1

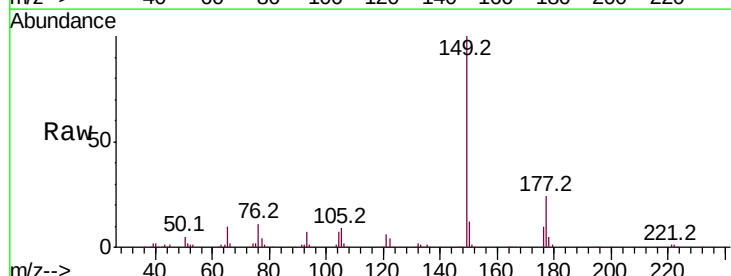


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

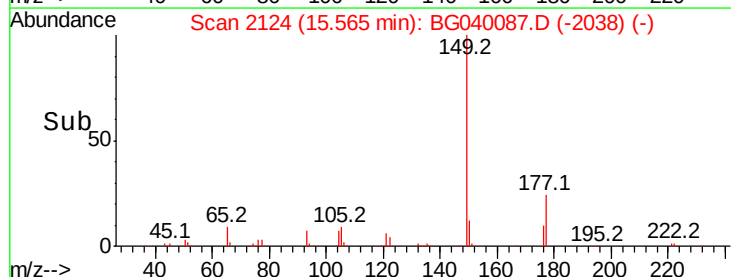
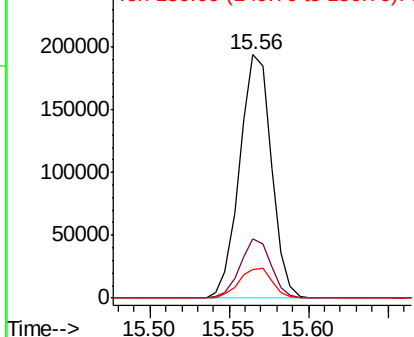


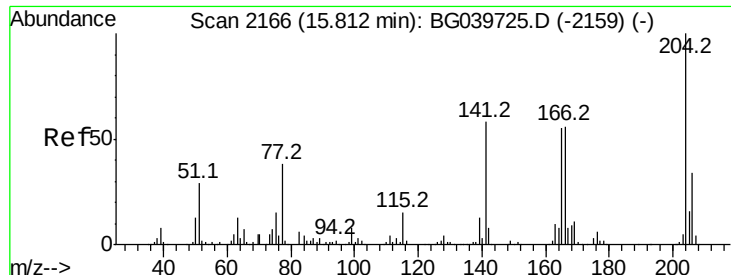
#60
 Diethylphthalate
 Concen: 28.168 ng
 RT: 15.56 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

Tgt Ion:	149	Resp:	269555
Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.3	27.5
150	11.8	10.2	15.2



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

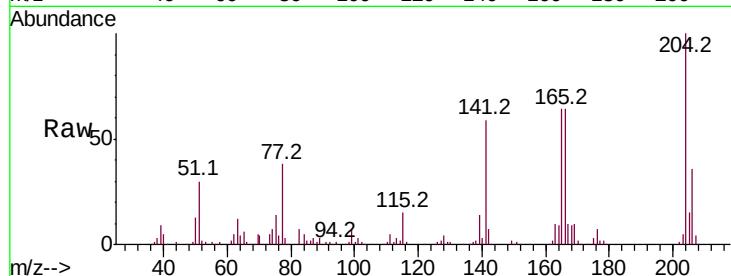




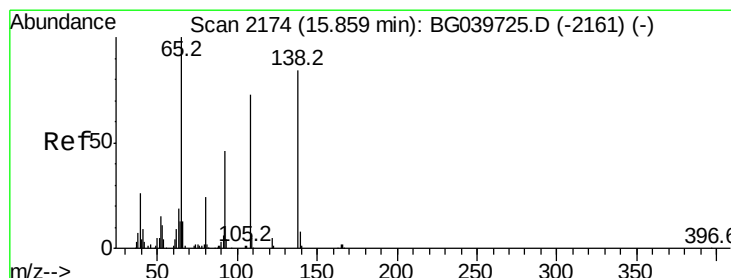
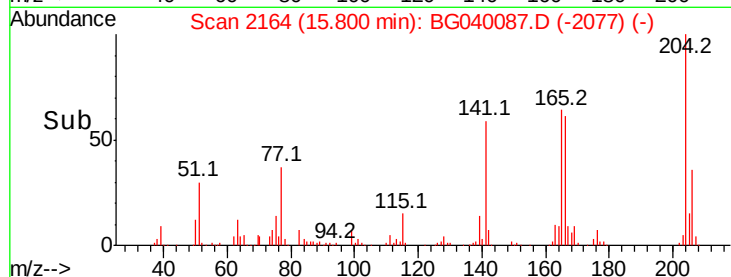
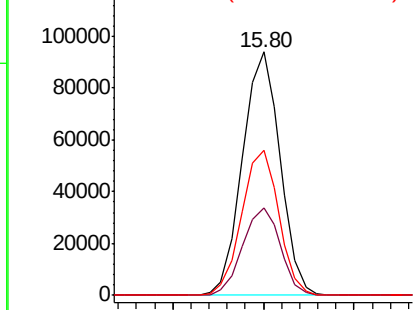
#61
 4-Chlorophenyl-phenylether
 Concen: 27.986 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 136138
 Ion Ratio Lower Upper
 204 100
 206 36.0 29.2 43.8
 141 59.4 49.0 73.4

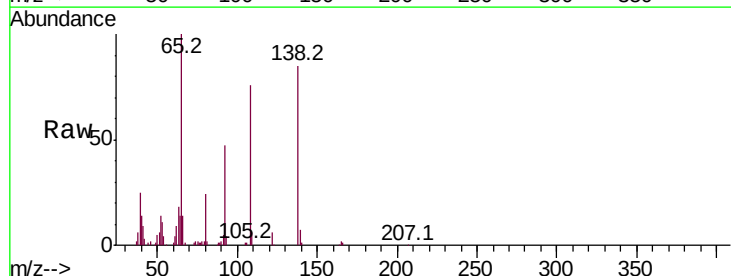


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

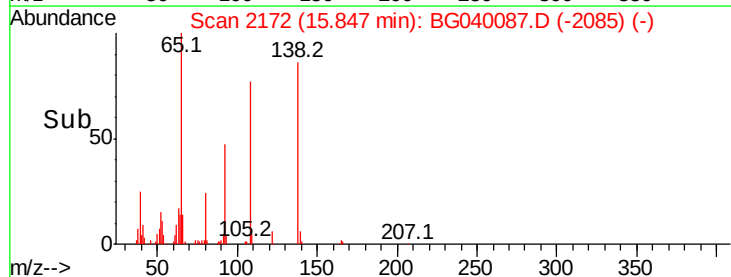
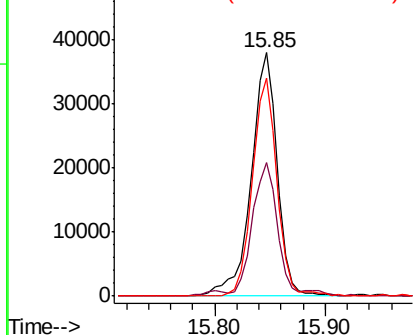


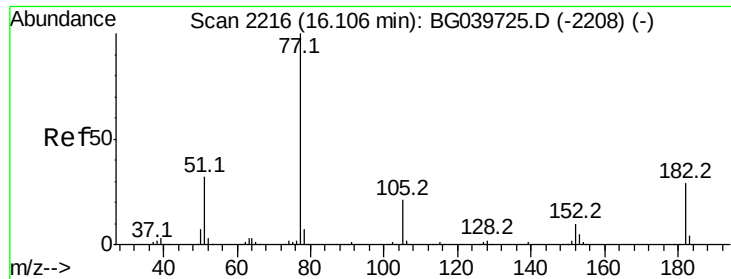
#62
 4-Nitroaniline
 Concen: 28.154 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.02 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

Tgt Ion:138 Resp: 62876
 Ion Ratio Lower Upper
 138 100
 92 54.9 38.7 78.7
 108 89.7 74.6 114.6



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: 27.932 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 242299

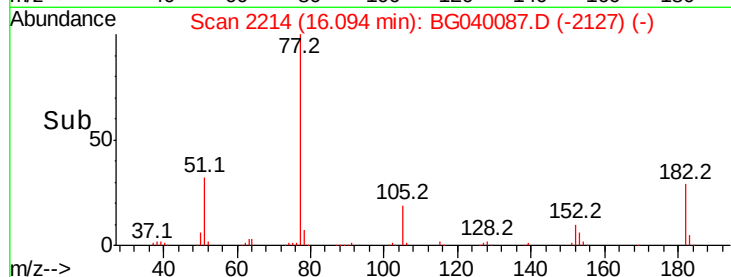
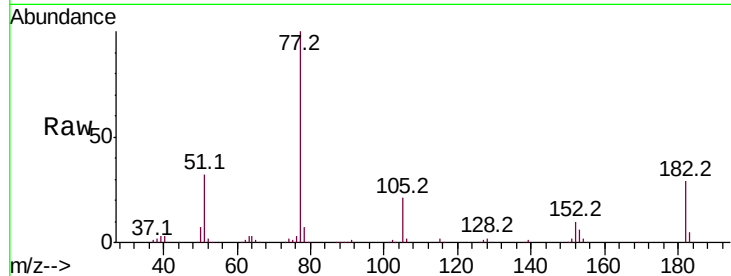
Ion Ratio Lower Upper

77 100

182 29.1 6.4 46.4

105 20.7 0.0 39.8

51 31.9 14.1 54.1

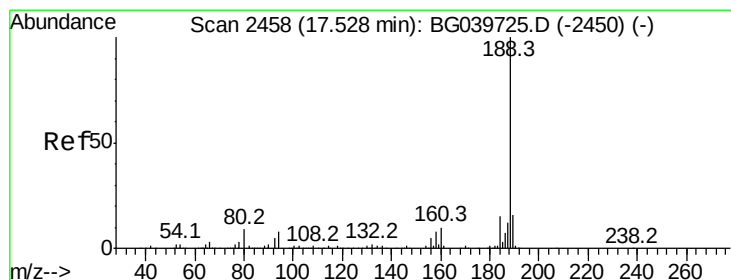
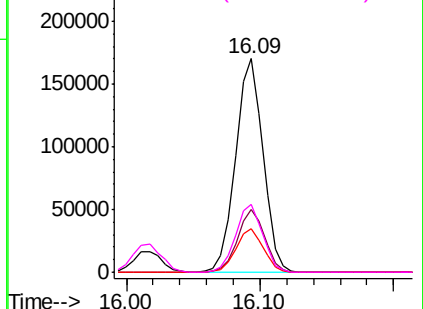


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

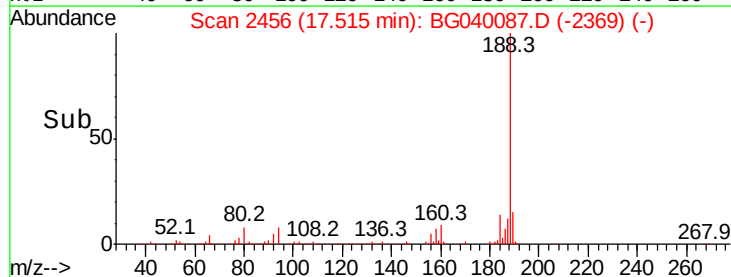
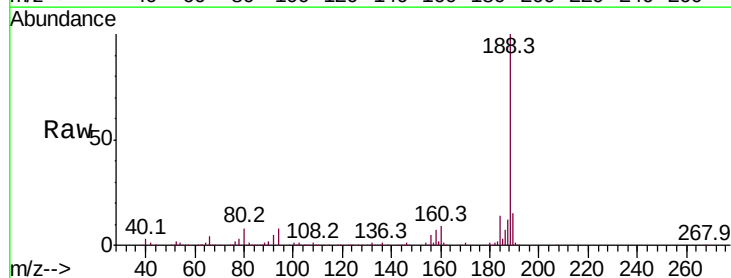
Tgt Ion: 188 Resp: 288816

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

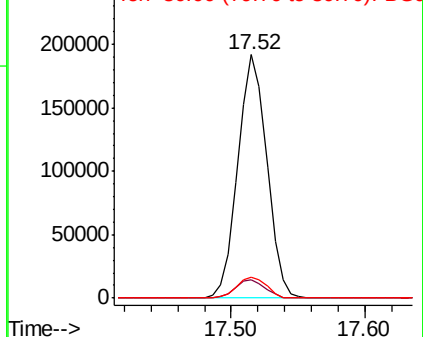
80 8.5 8.1 12.1

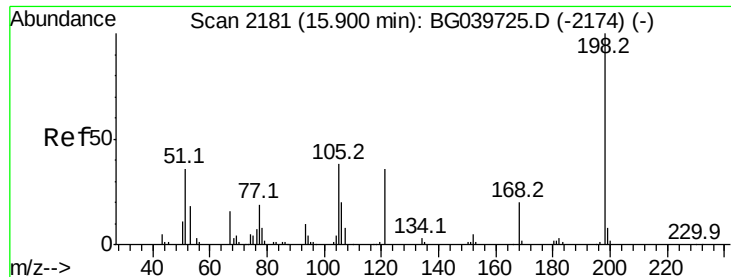


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

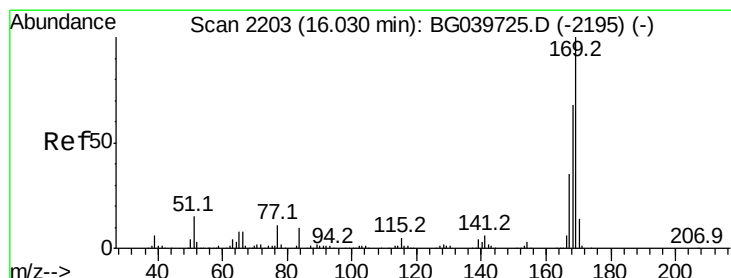
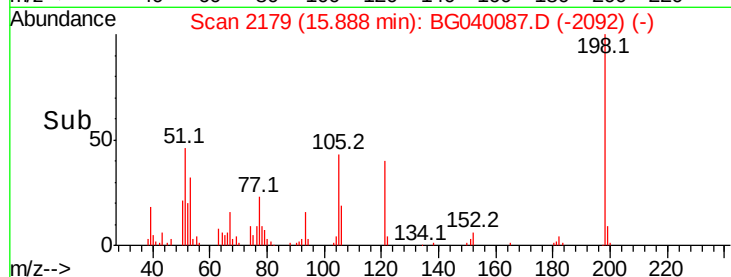
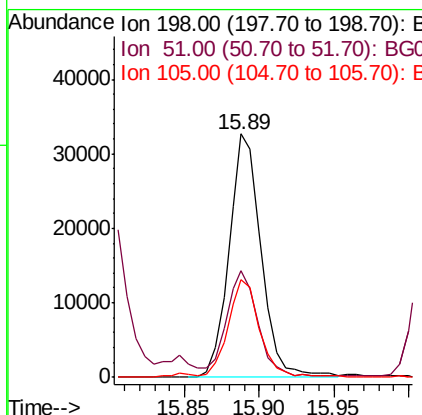
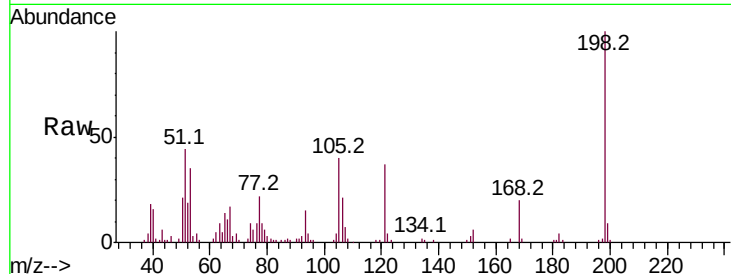




#65
4,6-Dinitro-2-methylphenol
Concen: 28.713 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

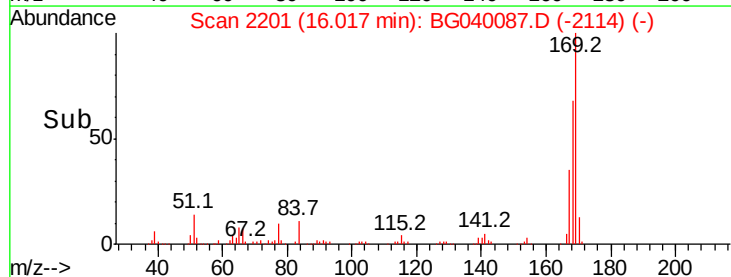
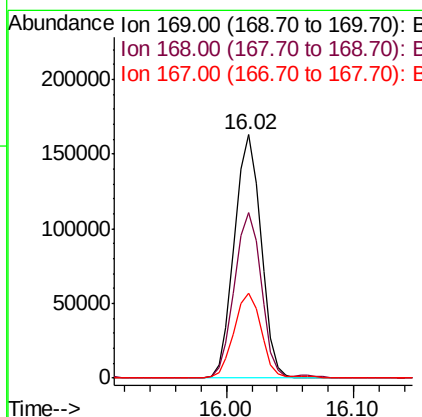
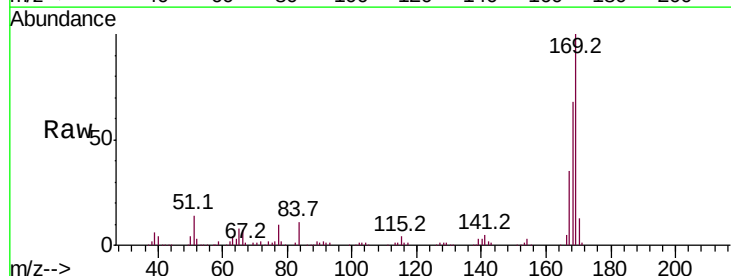
Instrument :
BNA_G
ClientSampled :

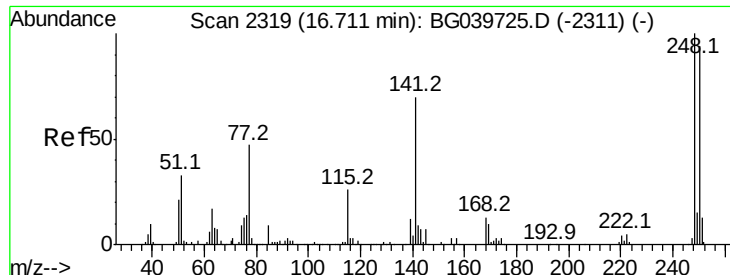
Tot Ion	198	Resp	49032
Ion Ratio	100	Lower	Upper
51	43.7	27.4	67.4
105	40.2	19.7	59.7



#66
n-Nitrosodiphenylamine
Concen: 28.336 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Tgt Ion	169	Resp	236926
Ion Ratio	100	Lower	Upper
168	68.0	56.6	85.0
167	35.0	28.8	43.2

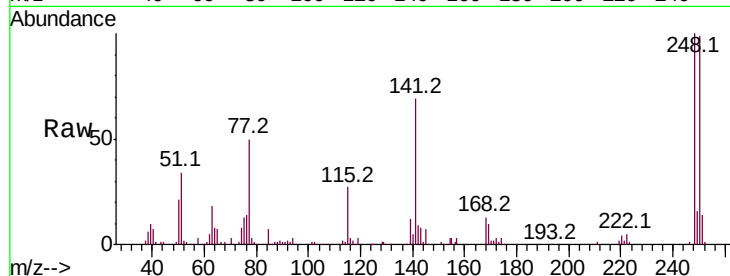




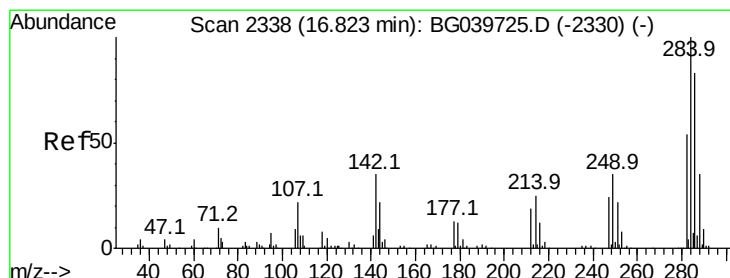
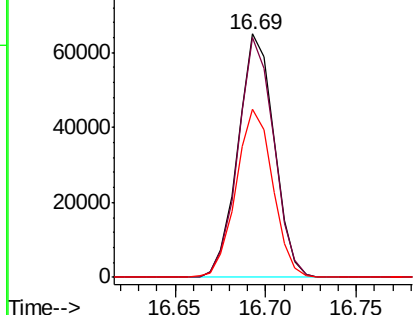
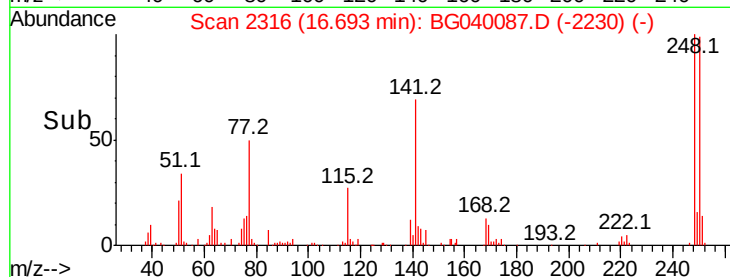
#67
 4-Bromophenyl-phenylether
 Concen: 27.916 ng
 RT: 16.69 min Scan# 2316
 Delta R.T. -0.02 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 90248
 Ion Ratio Lower Upper
 248 100
 250 98.6 77.6 116.4
 141 69.2 63.9 95.9

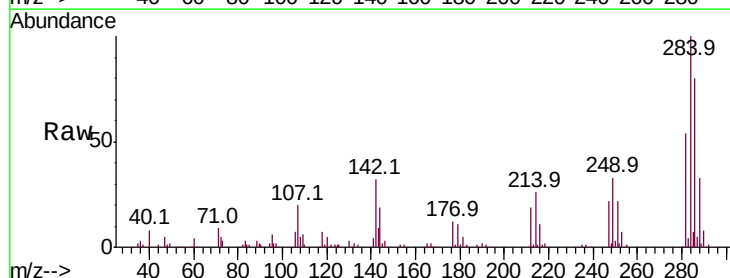


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

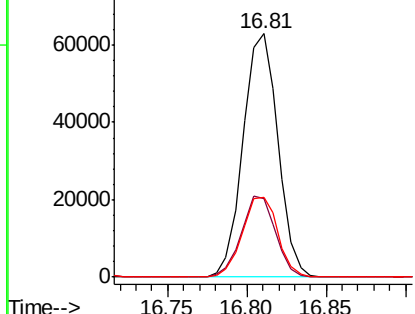
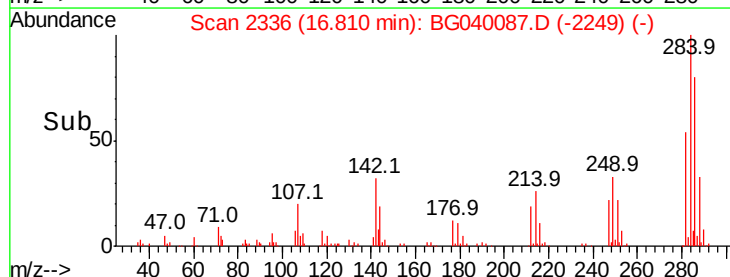


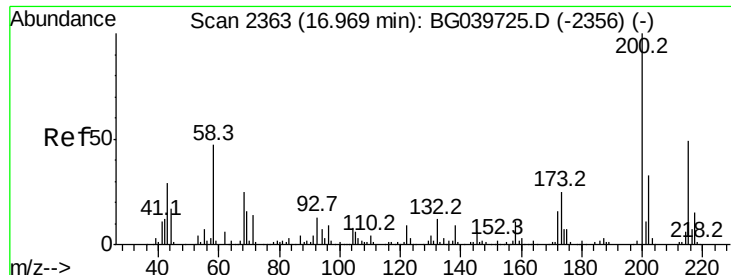
#68
 Hexachlorobenzene
 Concen: 28.648 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

Tgt Ion:284 Resp: 96000
 Ion Ratio Lower Upper
 284 100
 142 32.4 30.6 45.8
 249 32.5 28.2 42.2



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

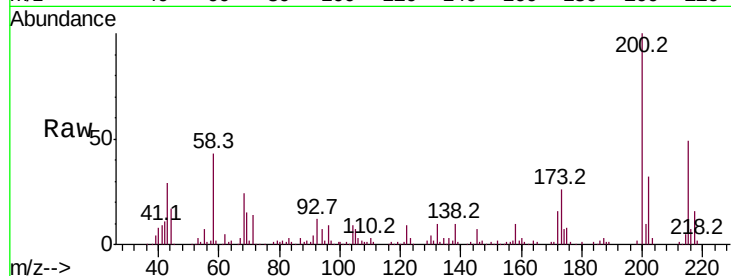




#69
 Atrazine
 Concen: 29.605 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	3.9	43.9
215	49.0	30.9	70.9

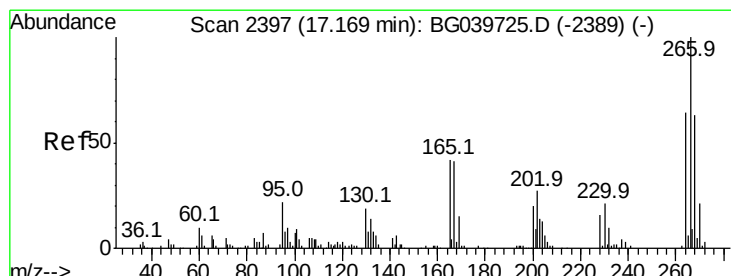
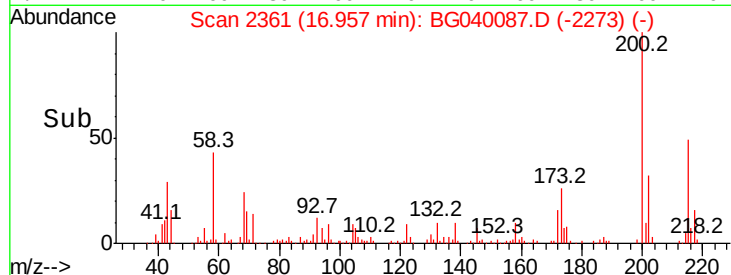
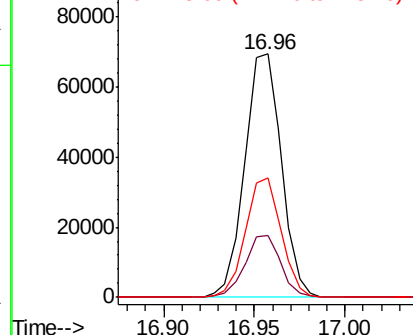


Abundance

Ion 200.00 (199.70 to 200.70): E

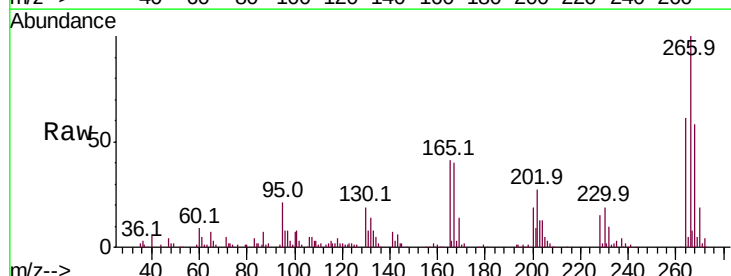
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 53.364 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG040087.D
 Acq: 22 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	57.6	51.1	76.7
264	61.4	52.1	78.1

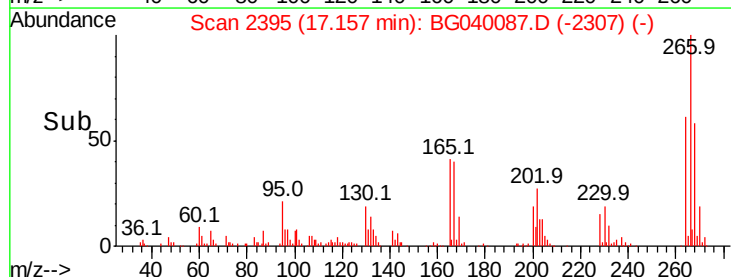
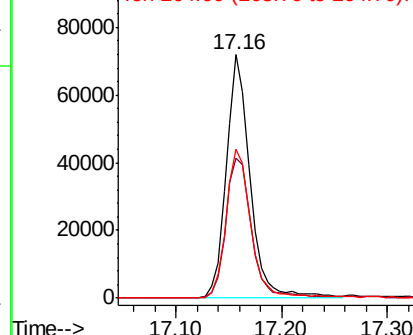


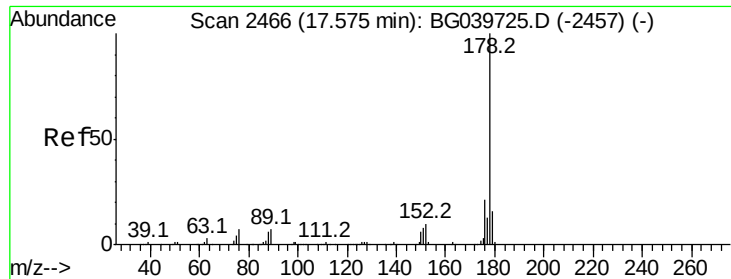
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

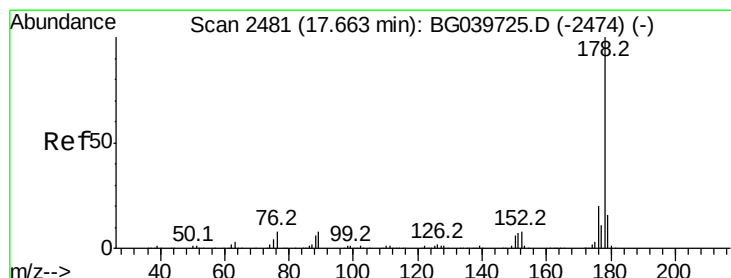
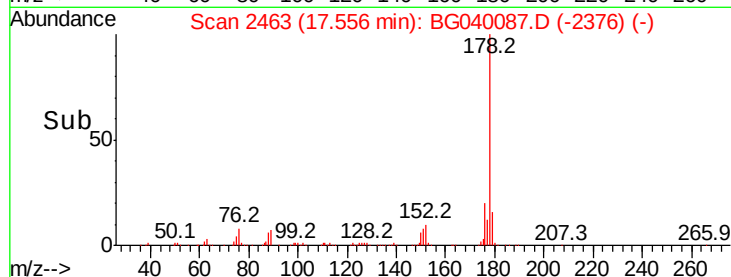
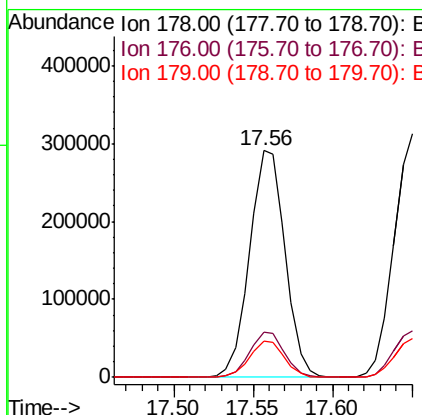
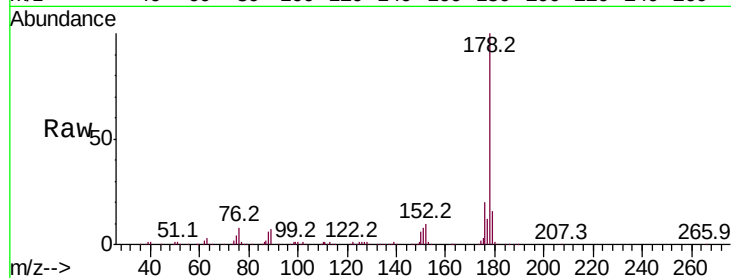




#71
Phenanthrene
Concen: 28.417 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

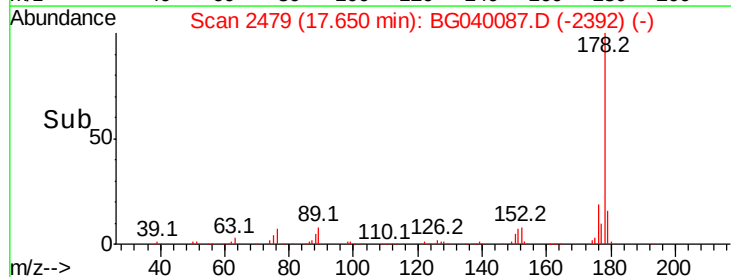
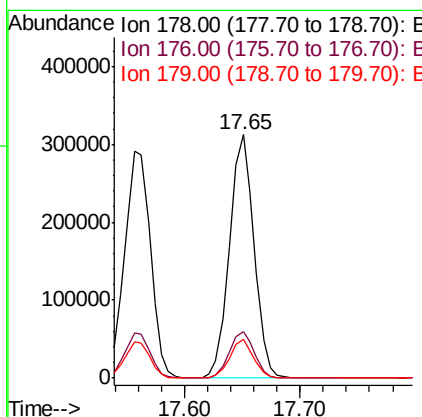
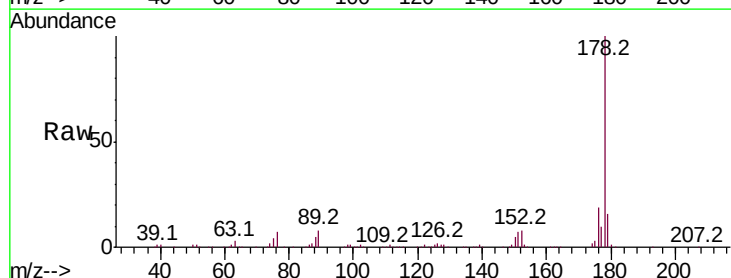
Instrument :
BNA_G
ClientSampleId :

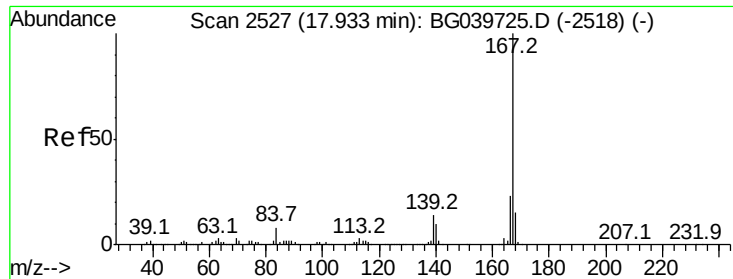
Tot Ion:178 Resp: 452066
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 15.7 12.6 19.0



#72
Anthracene
Concen: 29.605 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Tgt Ion:178 Resp: 458945
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.7 12.5 18.7





#73

Carbazole

Concen: 29.535 ng

RT: 17.92 min Scan# 2525

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

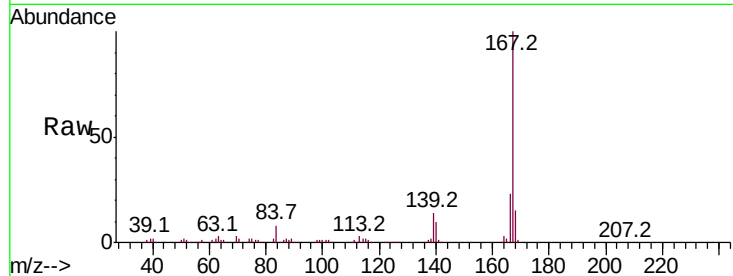
Tot Ion:167 Resp: 412765

Ion Ratio Lower Upper

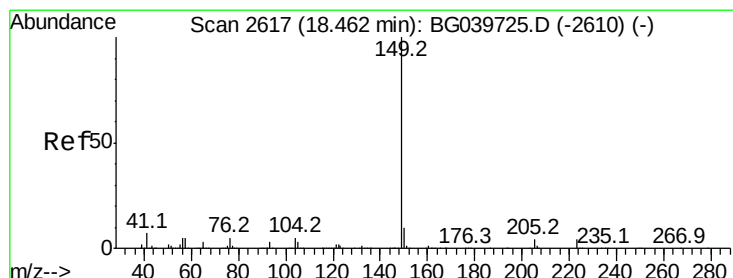
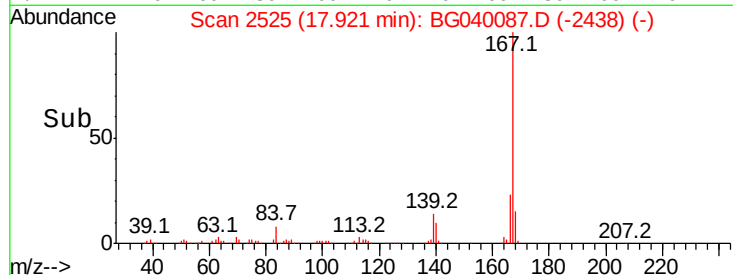
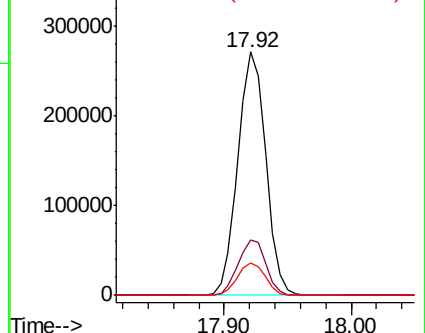
167 100

166 22.8 19.4 29.2

139 13.6 10.8 16.2



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: 30.252 ng

RT: 18.45 min Scan# 2615

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

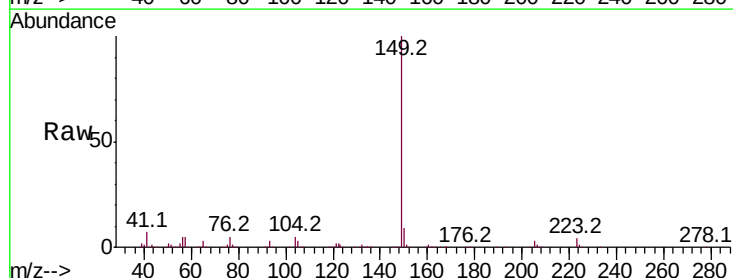
Tgt Ion:149 Resp: 497439

Ion Ratio Lower Upper

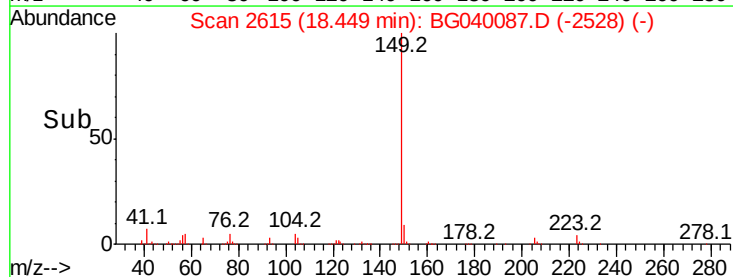
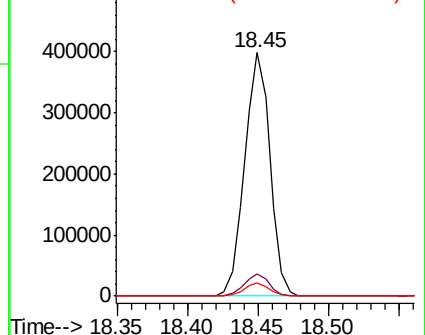
149 100

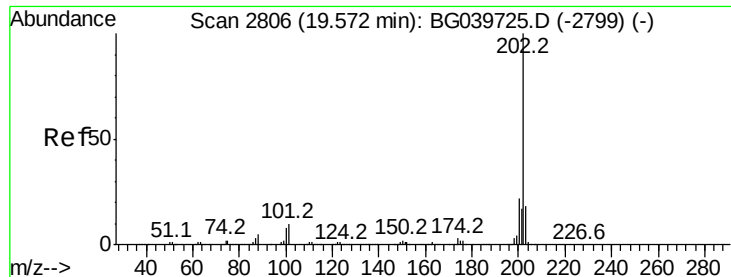
150 9.1 7.7 11.5

104 5.2 4.5 6.7



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: 30.332 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

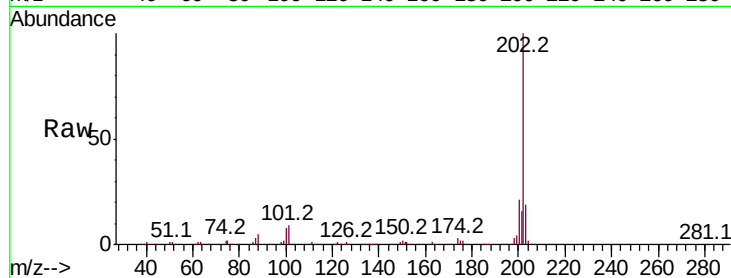
Tot Ion:202 Resp: 570272

Ion Ratio Lower Upper

202 100

101 8.7 0.0 30.0

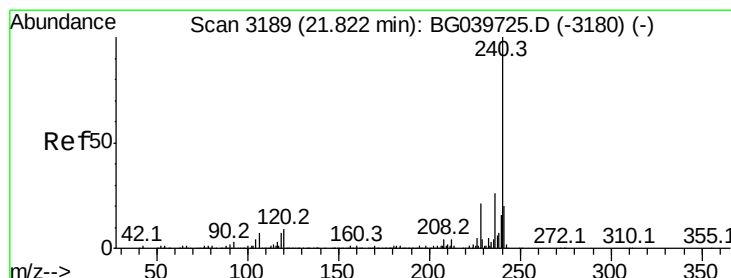
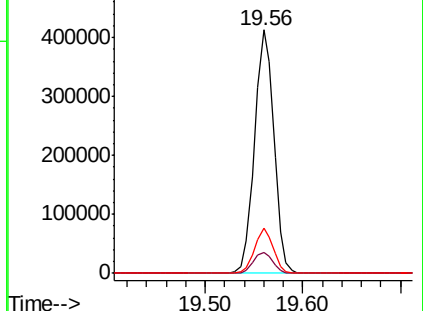
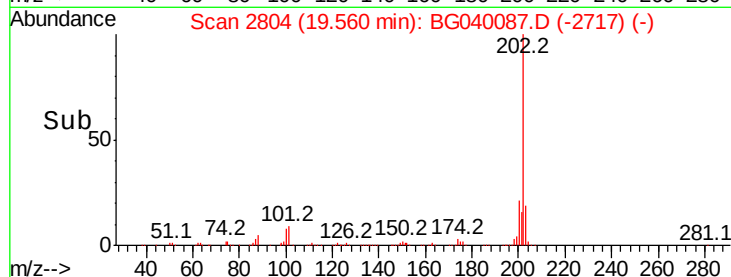
203 18.7 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

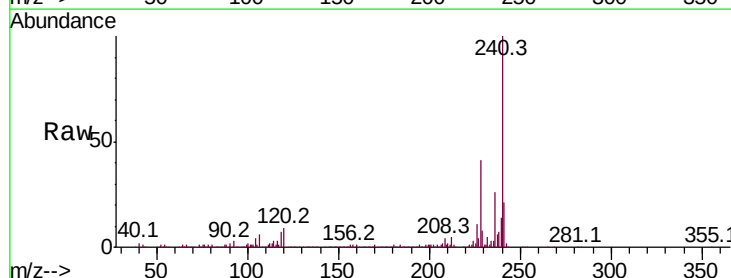
Tgt Ion:240 Resp: 315948

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

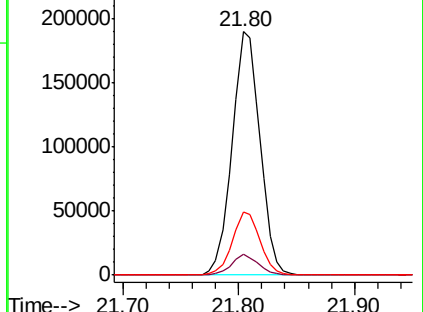
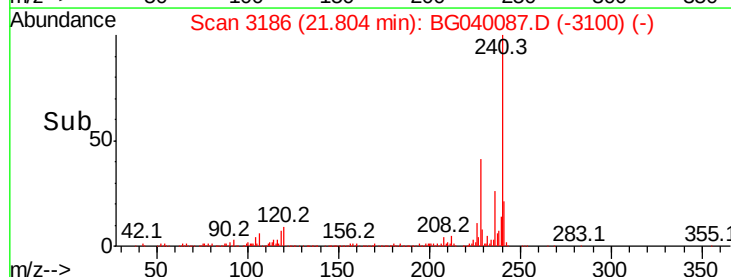
236 25.9 21.0 31.4

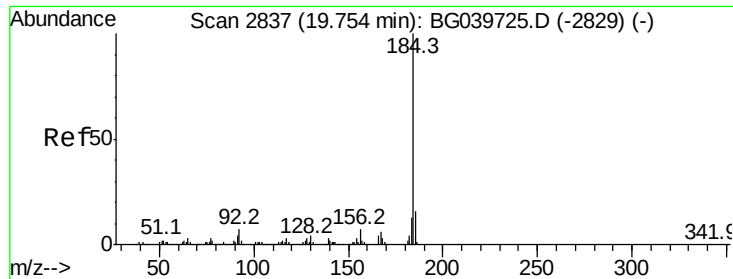


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.750 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

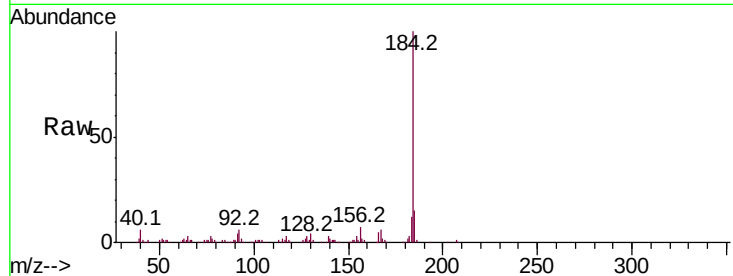
Tot Ion:184 Resp: 137859

Ion Ratio Lower Upper

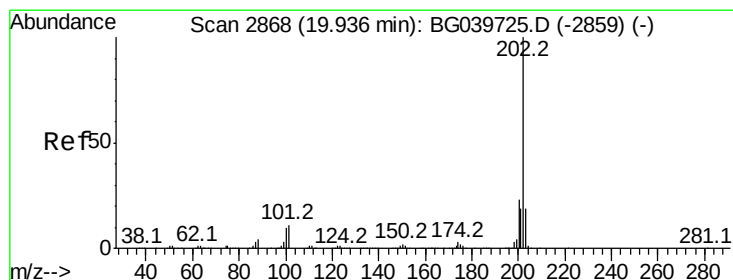
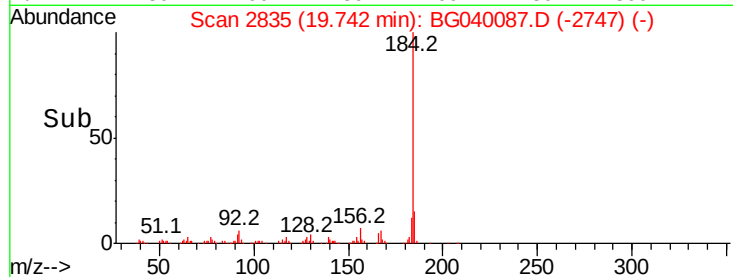
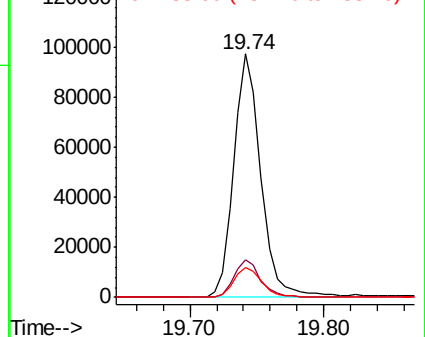
184 100

185 15.4 12.2 18.2

183 12.2 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 27.969 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

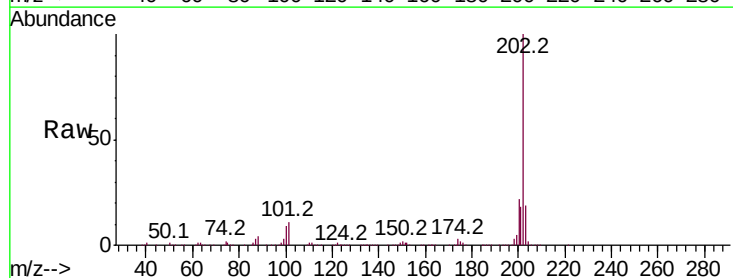
Tgt Ion:202 Resp: 574222

Ion Ratio Lower Upper

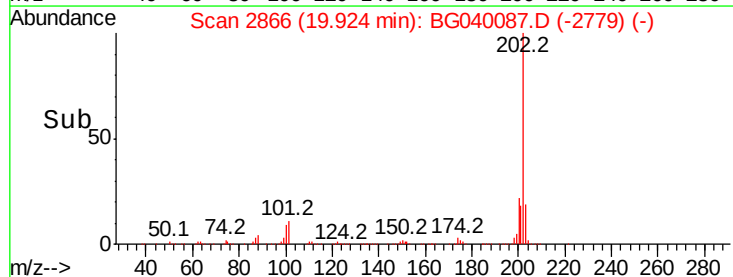
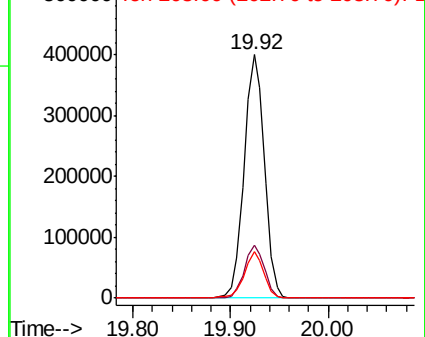
202 100

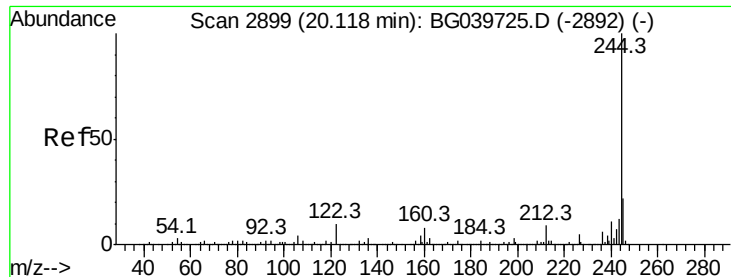
200 21.7 17.8 26.8

203 18.8 15.3 22.9



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





#79

Terphenyl-d14

Concen: 52.131 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

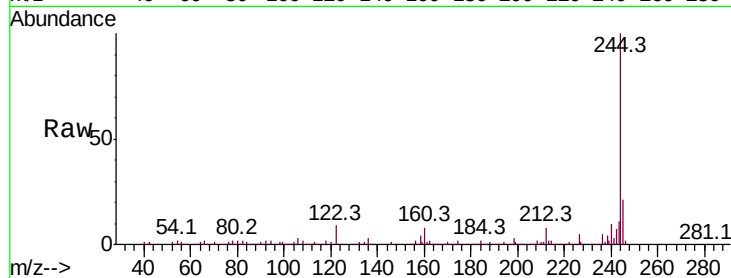
Tot Ion:244 Resp: 748054

Ion Ratio Lower Upper

244 100

212 8.1 7.3 10.9

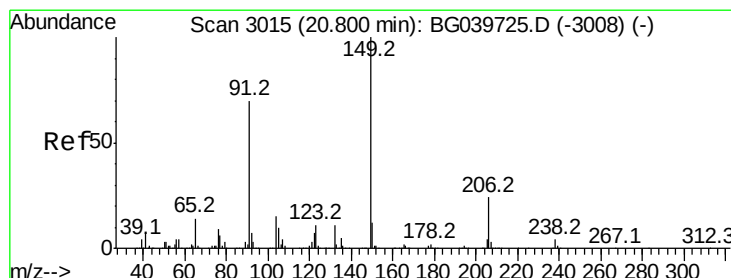
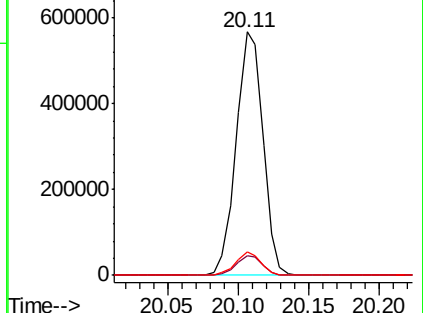
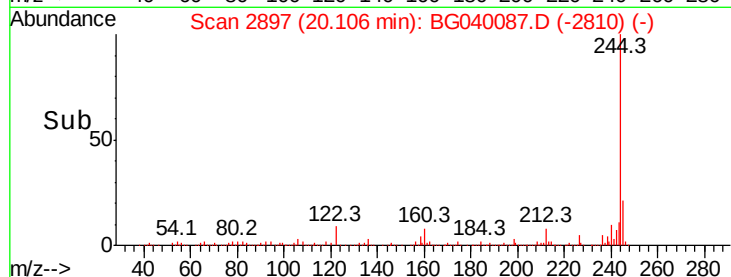
122 9.4 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 29.806 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

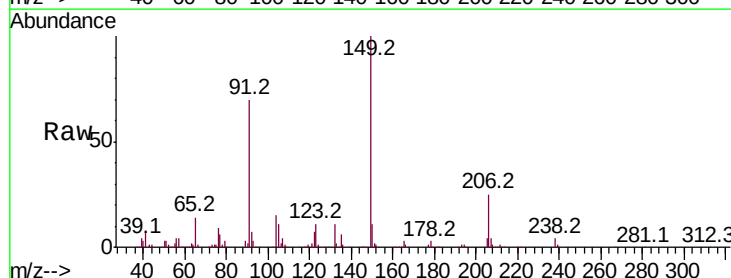
Tgt Ion:149 Resp: 237076

Ion Ratio Lower Upper

149 100

91 70.0 59.5 89.3

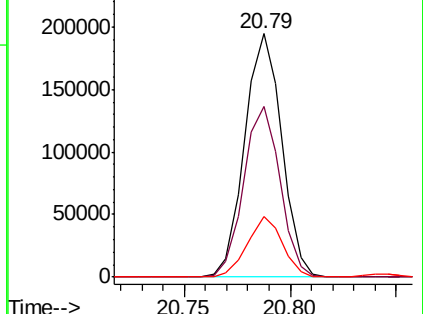
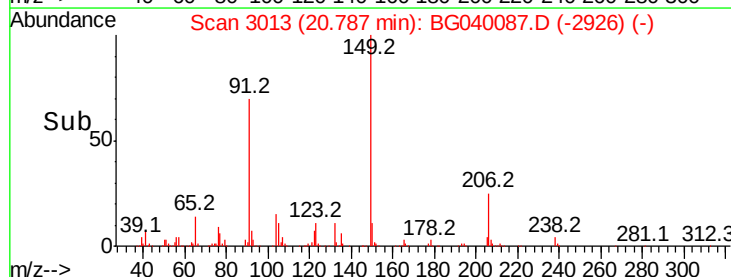
206 24.9 18.6 27.8

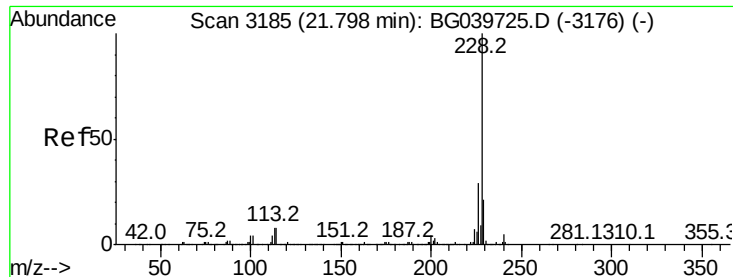


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 27.829 ng

RT: 21.79 min Scan# 3183

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

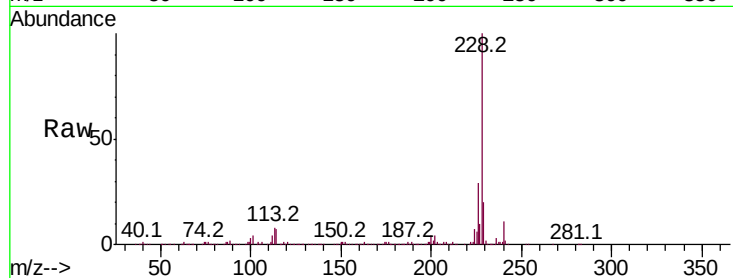
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 551047

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.6
229	20.3	16.9	25.3

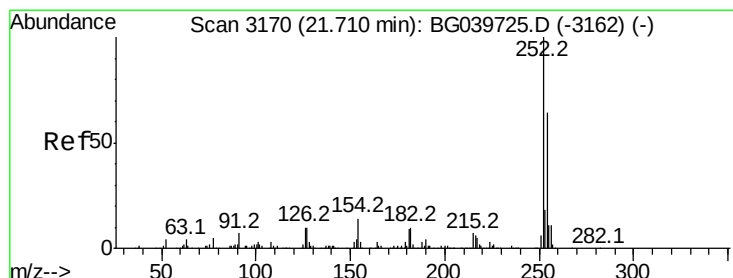
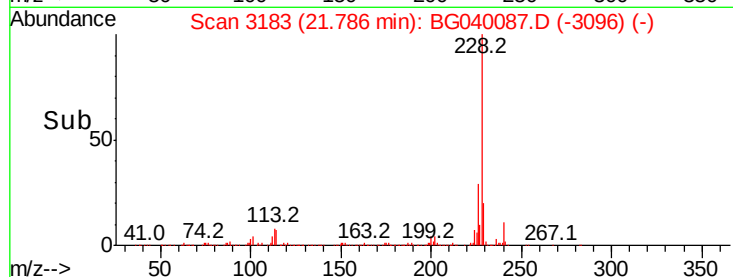
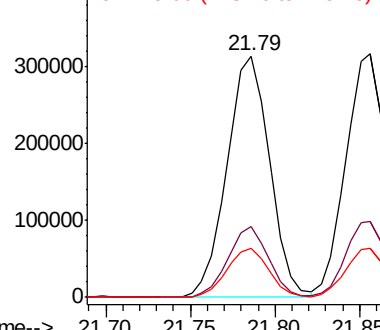


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 14.430 ng

RT: 21.70 min Scan# 3168

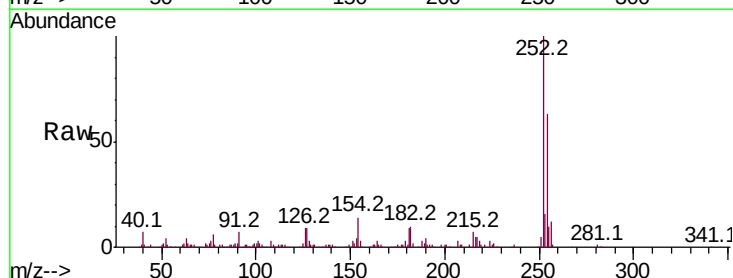
Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

Tgt Ion:252 Resp: 104321

Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.3	76.9
126	9.1	8.0	12.0

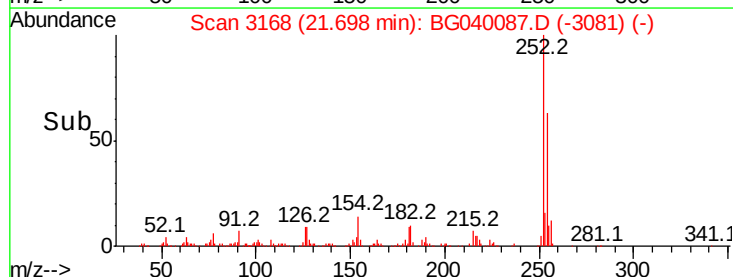
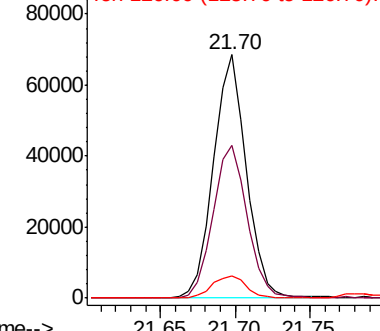


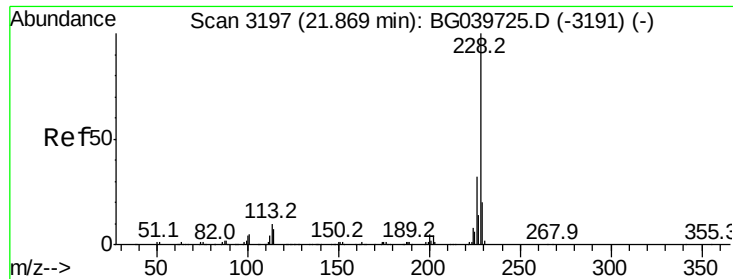
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

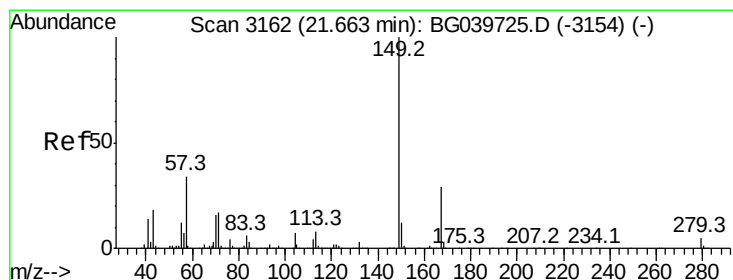
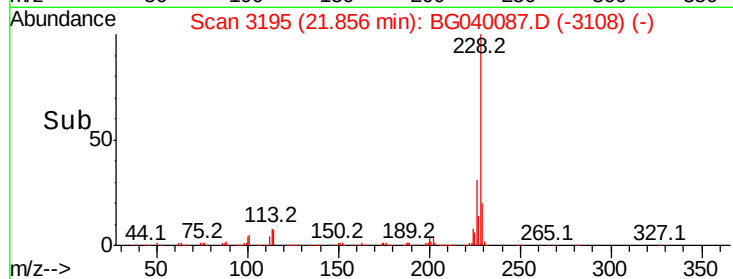
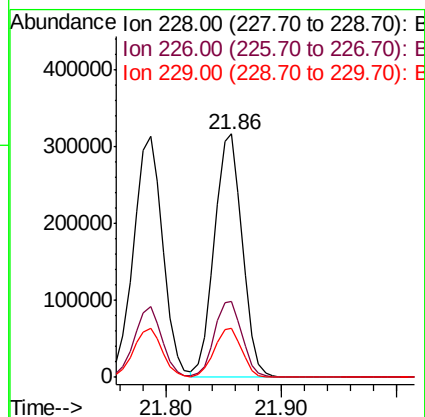
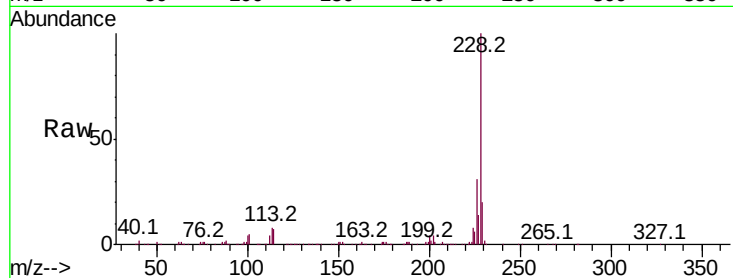




#83
Chrysene
Concen: 27.586 ng
RT: 21.86 min Scan# 3195
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

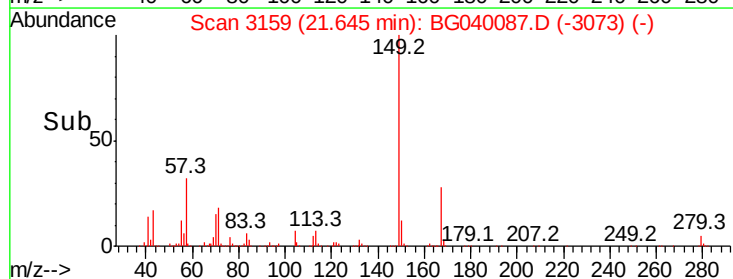
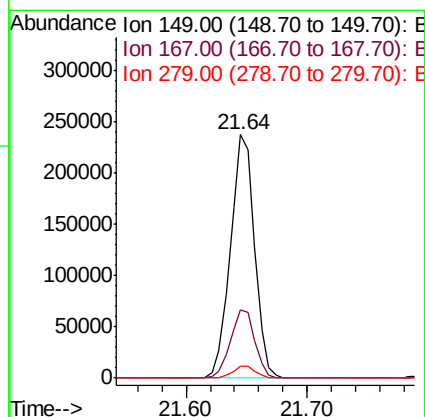
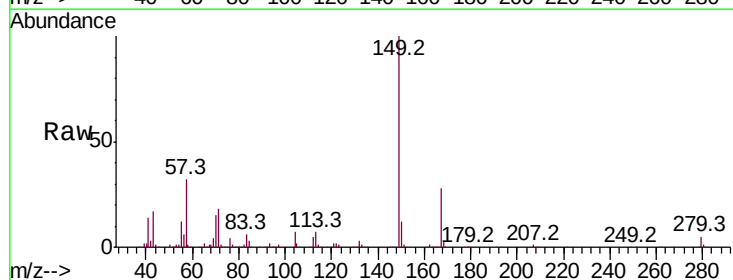
Instrument :
BNA_G
ClientSampleId :

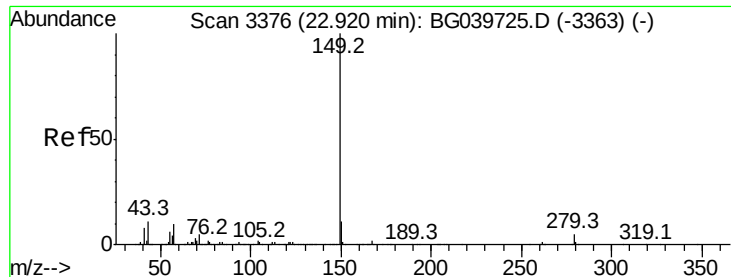
Tot Ion:228	Resp:	529566
Ion Ratio	Lower	Upper
228	100	
226	31.2	25.8 38.6
229	20.3	16.6 25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 29.387 ng
RT: 21.64 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Tgt Ion:149	Resp:	328474
Ion Ratio	Lower	Upper
149	100	
167	27.8	22.6 34.0
279	5.1	3.5 5.3





#85

Di-n-octyl phthalate

Concen: 30.620 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.03 min

Lab File: BG040087.D

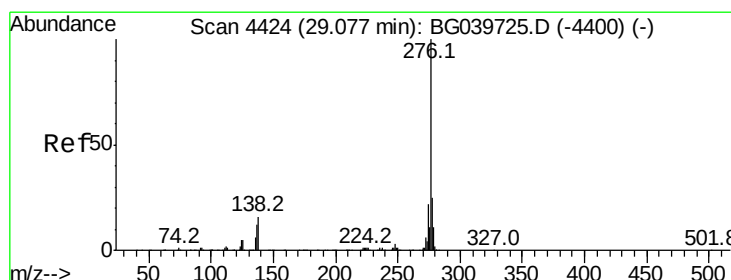
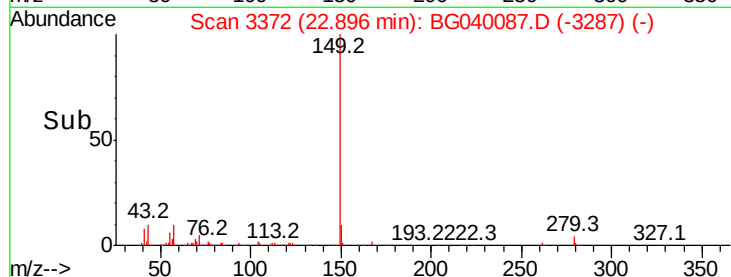
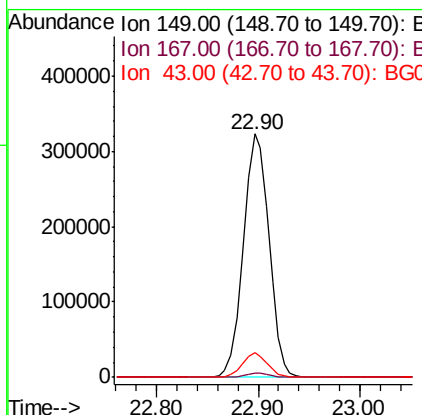
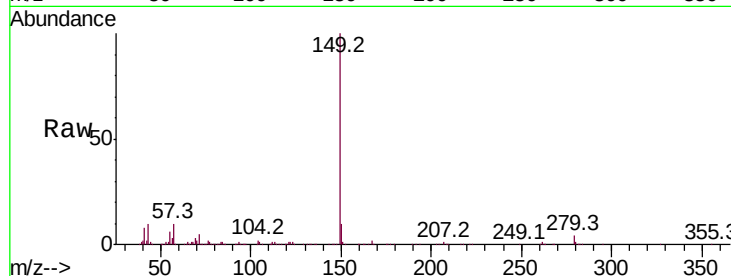
Acq: 22 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	149	Resp:	566686
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	9.9	10.2	15.4#



#86

Indeno(1,2,3-cd)pyrene

Concen: 28.616 ng

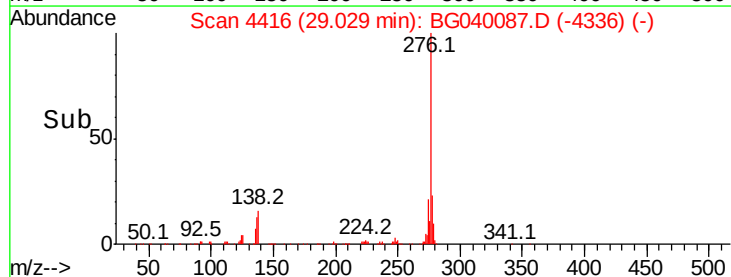
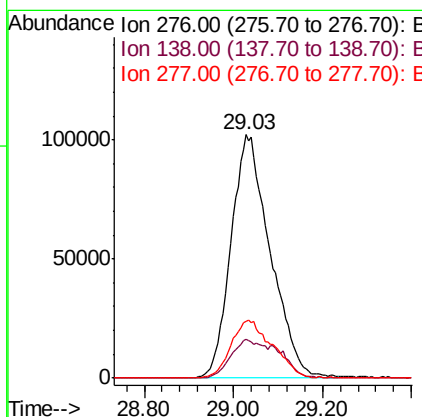
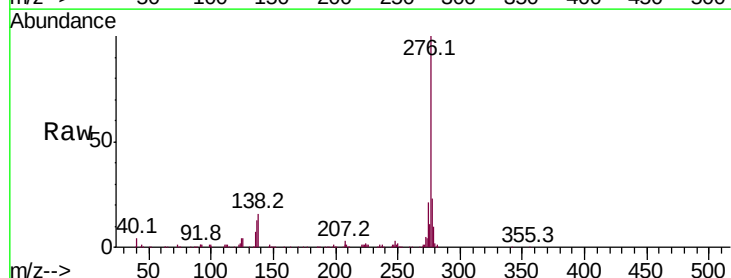
RT: 29.03 min Scan# 4416

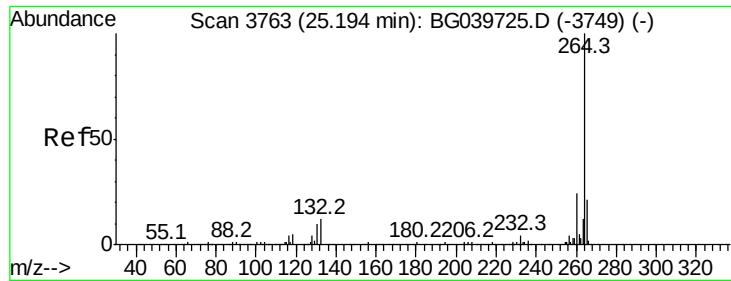
Delta R.T. -0.06 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

Tgt Ion:	276	Resp:	623191
Ion Ratio	Lower	Upper	
276	100		
138	13.2	12.6	19.0
277	25.2	20.8	31.2

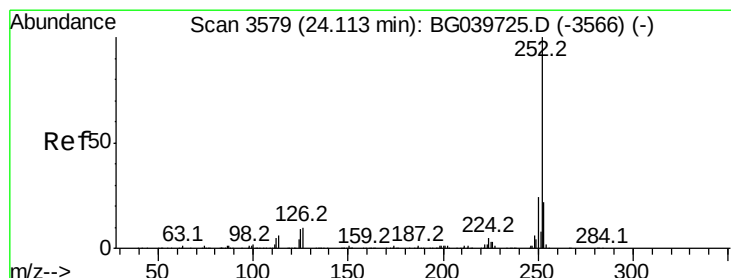
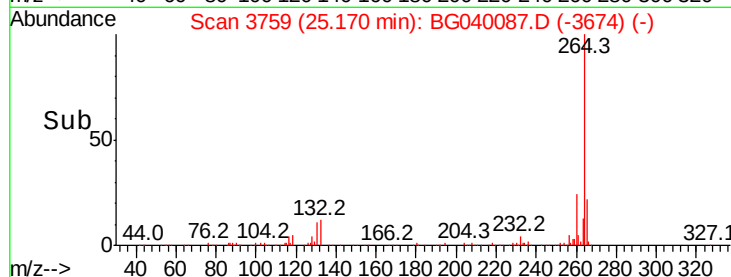
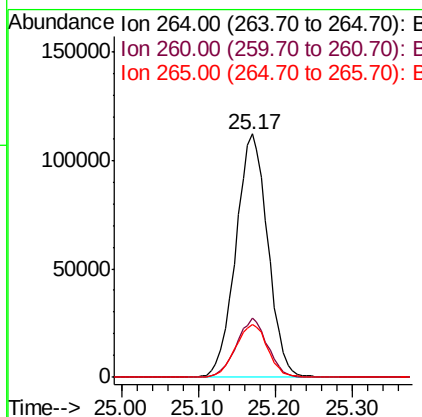
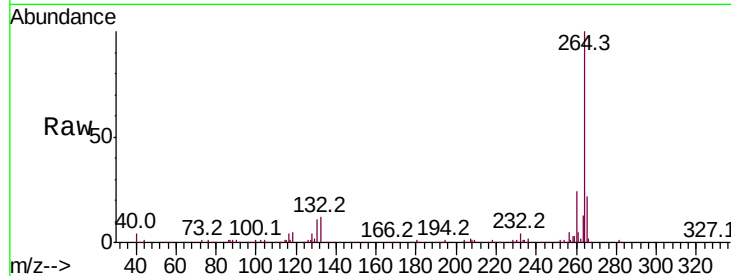




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3759
Delta R.T. -0.03 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

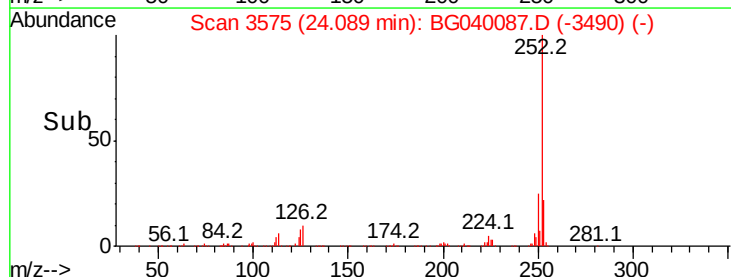
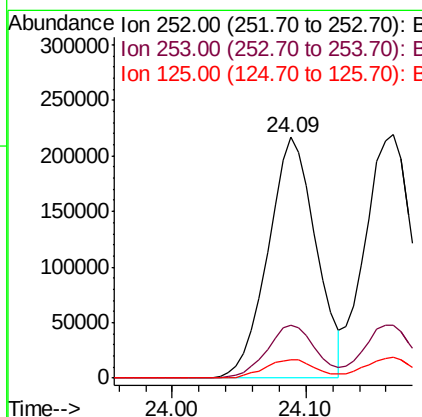
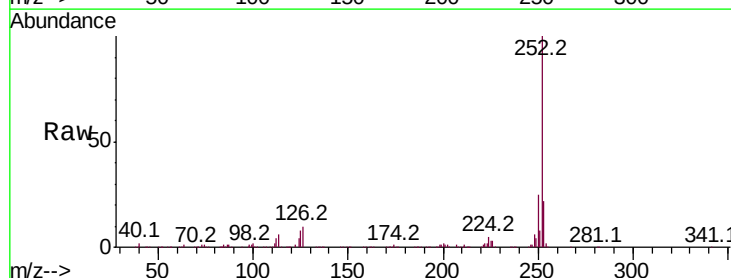
Instrument :
BNA_G
ClientSampled :

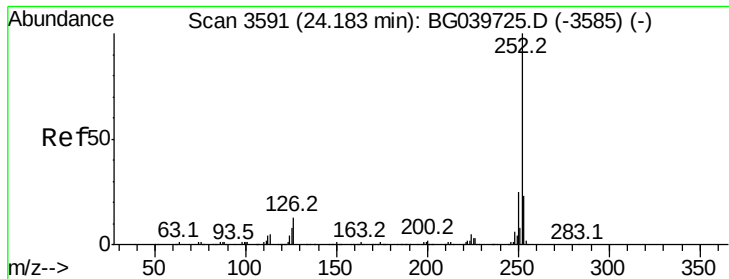
Tot Ion:	264	Resp:	325181
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	21.6	18.5	27.7



#88
Benzo(b)fluoranthene
Concen: 27.904 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.03 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Tgt Ion:	252	Resp:	541084
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	7.8	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 29.934 ng

RT: 24.17 min Scan# 3588

Delta R.T. -0.02 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

Instrument :

BNA_G

ClientSampled :

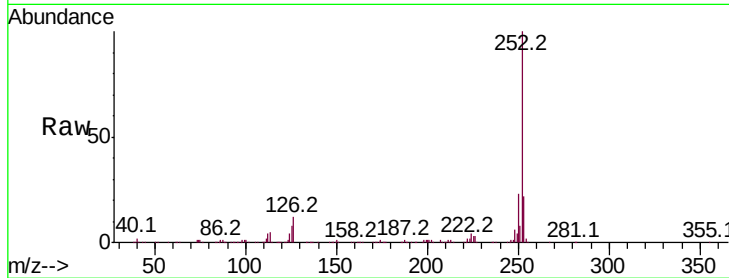
Tot Ion:252 Resp: 540324

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

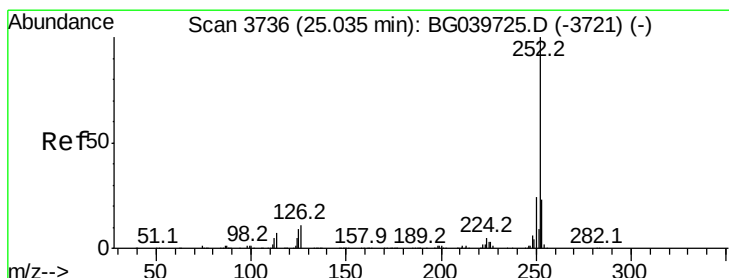
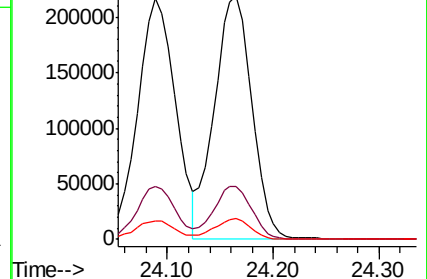
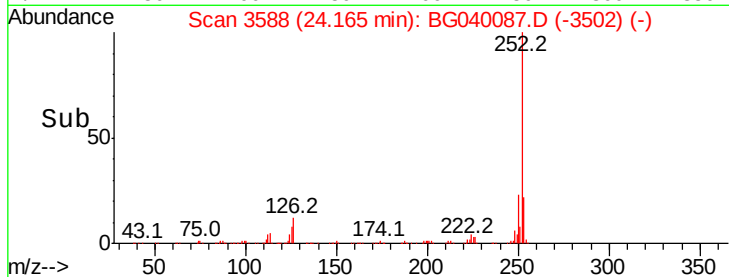
125 8.3 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 29.827 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.03 min

Lab File: BG040087.D

Acq: 22 Mar 2019 17:34

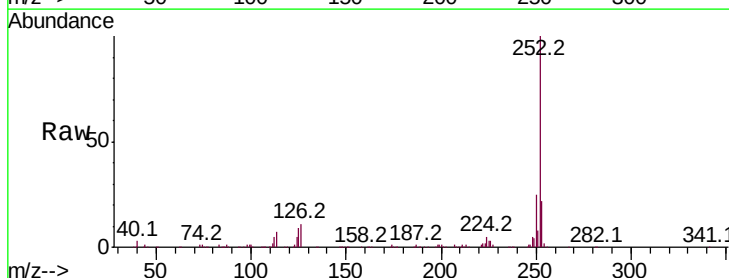
Tgt Ion:252 Resp: 534451

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

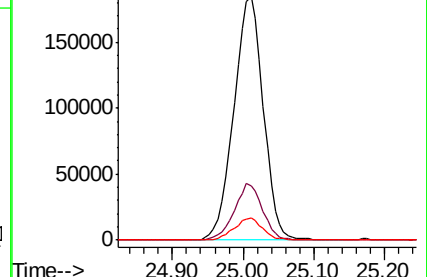
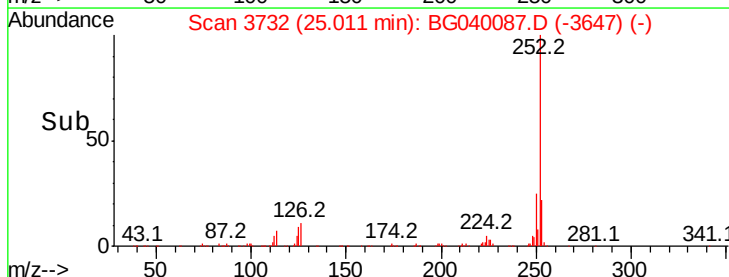
125 9.1 8.3 12.5

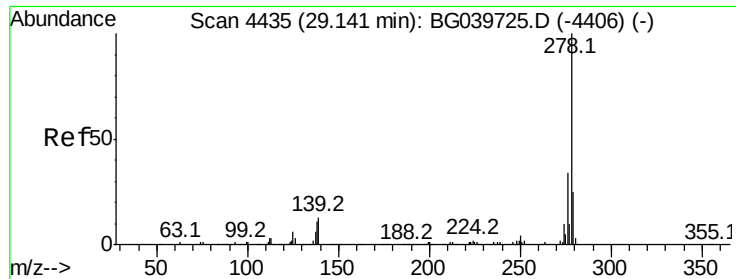


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

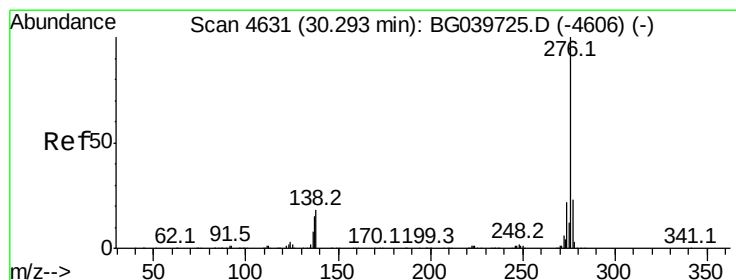
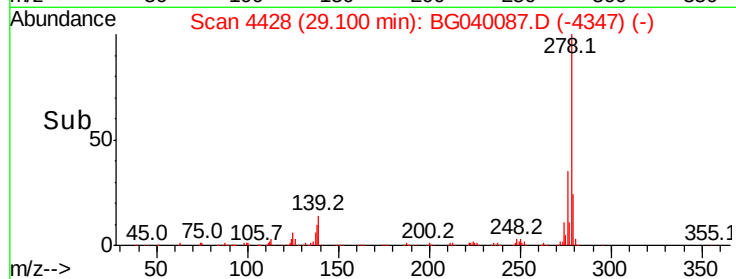
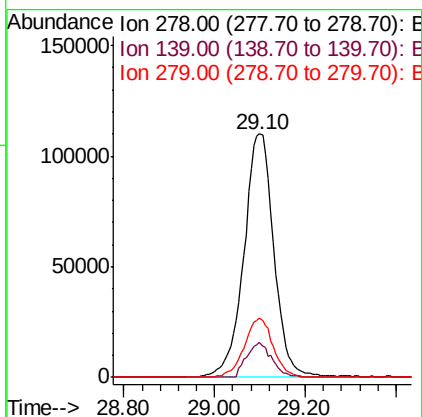
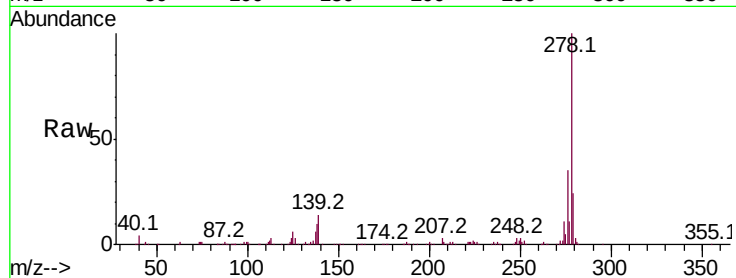




#91
Dibenzo(a,h)anthracene
Concen: 28.683 ng
RT: 29.10 min Scan# 4428
Delta R.T. -0.05 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.7	17.5
279	24.4	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 28.898 ng
RT: 30.25 min Scan# 4624
Delta R.T. -0.06 min
Lab File: BG040087.D
Acq: 22 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.6	29.4
138	17.2	14.7	22.1

