

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036979.D
 Acq On : 26 Sep 2018 12:40
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 13:54:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46835	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	194162	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	122846	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	308451	20.00	ng	0.00
75) Chrysene-d12	21.68	240	317189	20.00	ng	0.00
86) Perylene-d12	24.89	264	322984	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	218954	89.66	ng	0.00
7) Phenol-d6	7.20	99	305404	80.83	ng	0.00
23) Nitrobenzene-d5	9.21	82	305150	84.16	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	126565	86.11	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	674216	81.74	ng	0.00
78) Terphenyl-d14	20.02	244	935575	77.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	53358	47.748	ng	97
3) Pyridine	3.92	79	141529	43.863	ng	98
4) n-Nitrosodimethylamine	3.84	42	64634	45.069	ng	# 91
6) Aniline	7.37	93	186076	37.954	ng	98
8) 2-Chlorophenol	7.61	128	119050	41.984	ng	95
9) Benzaldehyde	7.19	77	96515	38.657	ng	99
10) Phenol	7.23	94	160366	41.125	ng	92
11) bis(2-Chloroethyl)ether	7.46	93	133730	37.074	ng	97
12) 1,3-Dichlorobenzene	7.93	146	139880	40.237	ng	100
13) 1,4-Dichlorobenzene	8.08	146	139655	39.255	ng	99
14) 1,2-Dichlorobenzene	8.40	146	132375	38.396	ng	96
15) Benzyl Alcohol	8.28	79	115529	37.683	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	265870	38.392	ng	98
17) 2-Methylphenol	8.48	107	102557	37.756	ng	95
18) Hexachloroethane	9.12	117	53790	41.086	ng	94
19) n-Nitroso-di-n-propylamine	8.84	70	111535	35.484	ng	98
20) 3+4-Methylphenols	8.81	107	144210	38.163	ng	98
22) Acetophenone	8.87	105	188619	41.339	ng	# 97
24) Nitrobenzene	9.25	77	164038	42.366	ng	100
25) Isophorone	9.77	82	269370	40.660	ng	99
26) 2-Nitrophenol	9.96	139	71336	46.222	ng	98
27) 2,4-Dimethylphenol	10.01	122	97764	40.666	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	162109	39.655	ng	98
29) 2,4-Dichlorophenol	10.49	162	122755	44.048	ng	95
30) 1,2,4-Trichlorobenzene	10.71	180	142190	40.770	ng	98
31) Naphthalene	10.90	128	367636	39.794	ng	99
32) Benzoic acid	10.15	122	56351	32.704	ng	95
33) 4-Chloroaniline	11.00	127	162053	38.580	ng	97
34) Hexachlorobutadiene	11.18	225	100065	41.489	ng	97
35) Caprolactam	11.78	113	45523	39.688	ng	94
36) 4-Chloro-3-methylphenol	12.12	107	145422	43.732	ng	97
37) 2-Methylnaphthalene	12.50	142	269868	38.355	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	179004	41.778	ng	99
40) Hexachlorocyclopentadiene	12.84	237	86319	39.172	ng	98

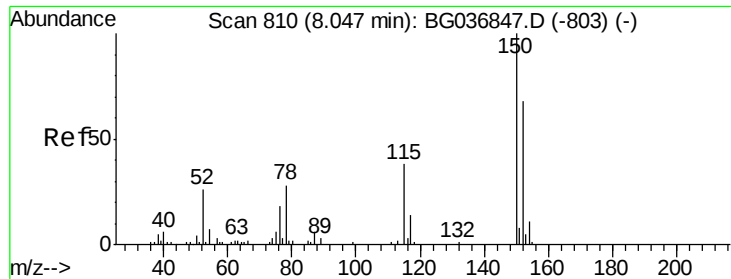
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
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 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	108694	45.684	ng	97
43) 2,4,5-Trichlorophenol	13.18	196	116058	45.745	ng	96
45) 1,1'-Biphenyl	13.50	154	379612	40.349	ng	99
46) 2-Chloronaphthalene	13.55	162	298606	40.359	ng	99
47) 2-Nitroaniline	13.75	65	112282	43.875	ng	95
48) Acenaphthylene	14.39	152	474081	40.890	ng	100
49) Dimethylphthalate	14.12	163	395291	39.976	ng	99
50) 2,6-Dinitrotoluene	14.24	165	87420	40.520	ng	96
51) Acenaphthene	14.74	154	280369	40.012	ng	98
52) 3-Nitroaniline	14.58	138	93762	41.243	ng	96
53) 2,4-Dinitrophenol	14.78	184	24704	29.747	ng	# 77
54) Dibenzofuran	15.06	168	472871	39.897	ng	98
55) 4-Nitrophenol	14.88	139	61434	42.300	ng	96
56) 2,4-Dinitrotoluene	15.03	165	123908	41.159	ng	93
57) Fluorene	15.72	166	356535	40.246	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	114899	44.644	ng	97
59) Diethylphthalate	15.48	149	397130	39.819	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	223666	39.867	ng	98
61) 4-Nitroaniline	15.74	138	97822	40.907	ng	96
62) Azobenzene	16.00	77	401180	41.864	ng	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	64737	40.144	ng	95
65) n-Nitrosodiphenylamine	15.92	169	350779	41.193	ng	96
66) 4-Bromophenyl-phenylether	16.60	248	141883	40.440	ng	98
67) Hexachlorobenzene	16.72	284	144790	40.070	ng	99
68) Atrazine	16.87	200	139813	40.549	ng	98
69) Pentachlorophenol	17.06	266	95251	41.868	ng	97
70) Phenanthrene	17.46	178	606611	40.811	ng	98
71) Anthracene	17.54	178	606191	41.244	ng	99
72) Carbazole	17.81	167	594755	41.503	ng	98
73) Di-n-butylphthalate	18.37	149	668441	42.002	ng	100
74) Fluoranthene	19.46	202	732611	40.946	ng	99
76) Benzidine	19.64	184	372343	38.832	ng	99
77) Pyrene	19.82	202	745456	39.164	ng	99
79) Butylbenzylphthalate	20.71	149	307160	40.486	ng	99
80) Benzo(a)anthracene	21.66	228	737893	39.852	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	280894	39.855	ng	99
82) Chrysene	21.73	228	702741	39.281	ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	428765	40.455	ng	99
84) Di-n-octyl phthalate	22.77	149	705351	40.421	ng	99
85) Indeno(1,2,3-cd)pyrene	28.54	276	786000	40.914	ng	99
87) Benzo(b)fluoranthene	23.87	252	688124	39.978	ng	98
88) Benzo(k)fluoranthene	23.94	252	709274	41.073	ng	98
89) Benzo(a)pyrene	24.74	252	672293	40.400	ng	99
90) Dibenzo(a,h)anthracene	28.60	278	633984	40.651	ng	98
91) Benzo(g,h,i)perylene	29.68	276	641740	41.000	ng	97

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

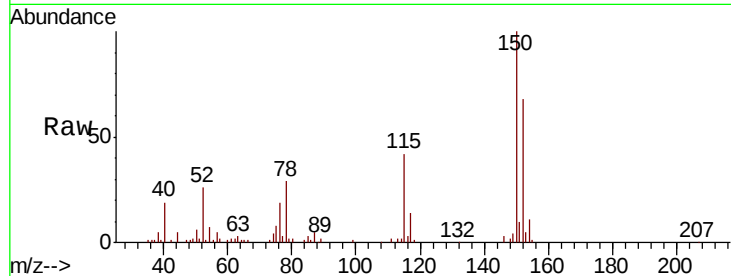


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.5	119.5	179.3
115	61.0	44.5	66.7

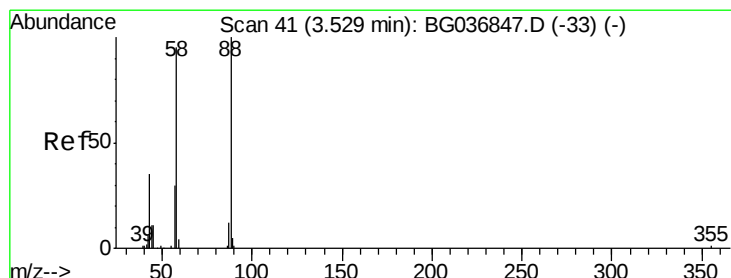
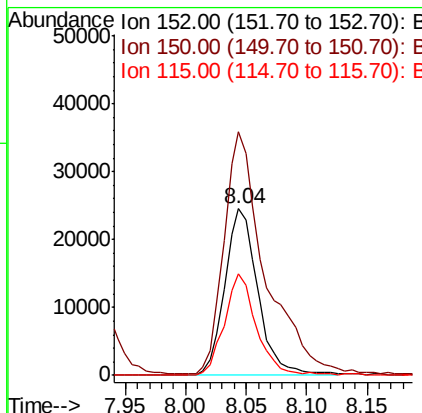
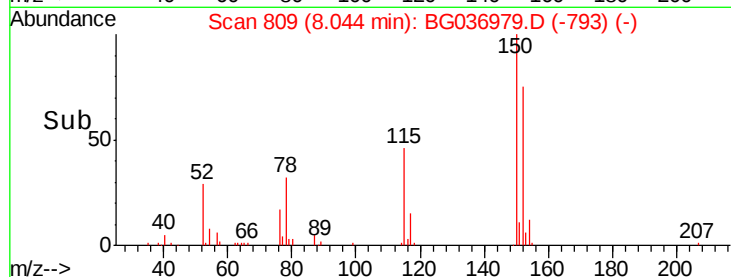


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

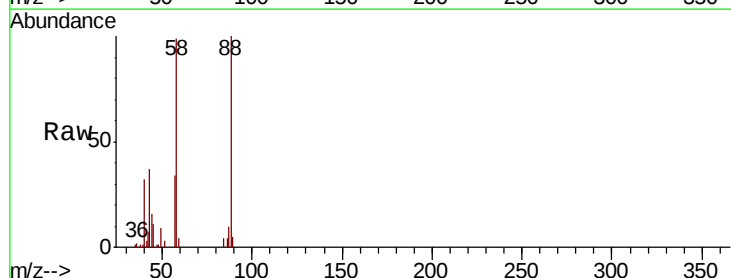
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 47.748 ng
RT: 3.53 min Scan# 41
Delta R.T. 0.00 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.9	72.6	109.0
43	36.6	29.0	43.4

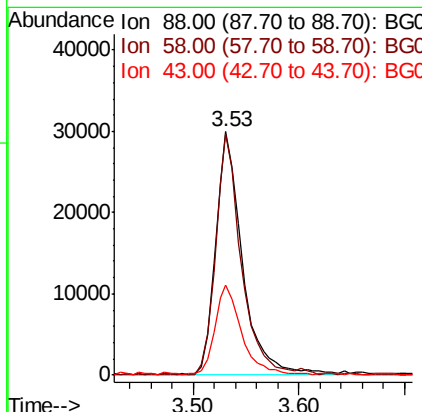
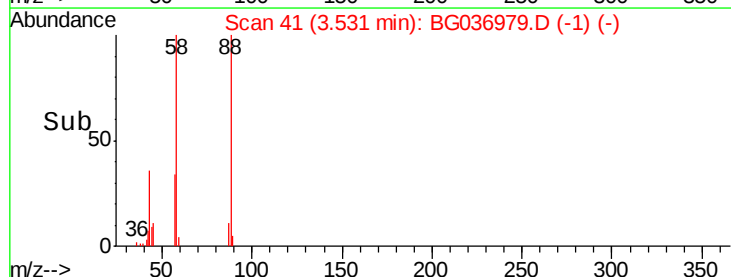


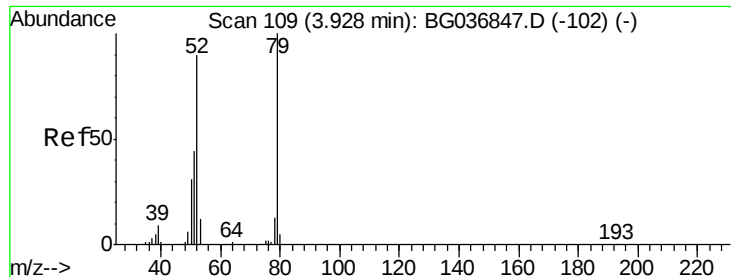
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 43.863 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

Instrument :

BNA_F

ClientSampleId :

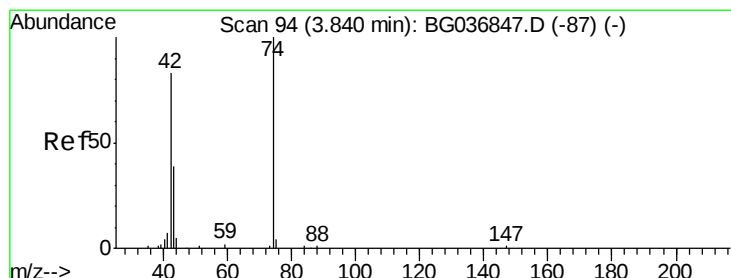
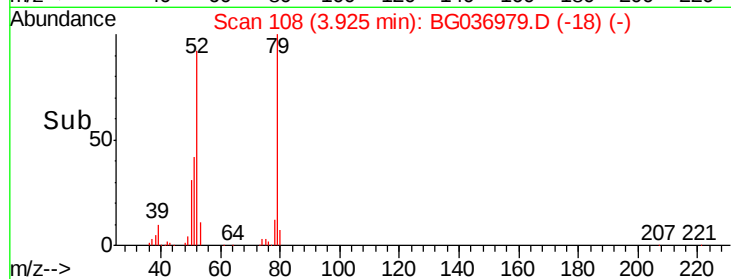
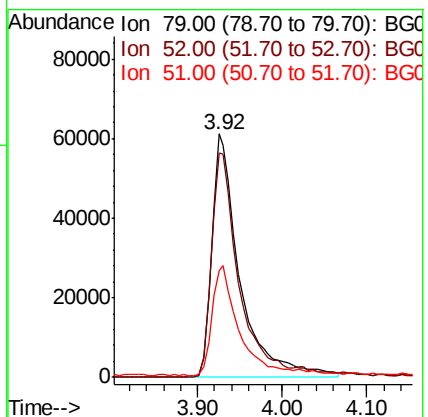
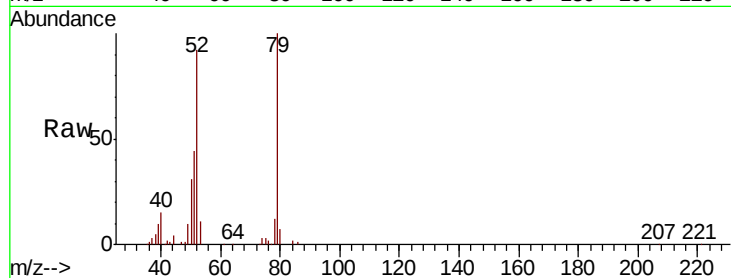
Tot Ion: 79 Resp: 141529

Ion Ratio Lower Upper

79 100

52 92.4 72.3 108.5

51 43.8 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 45.069 ng

RT: 3.84 min Scan# 94

Delta R.T. 0.00 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

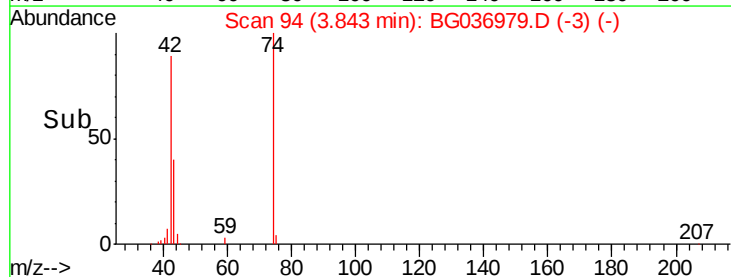
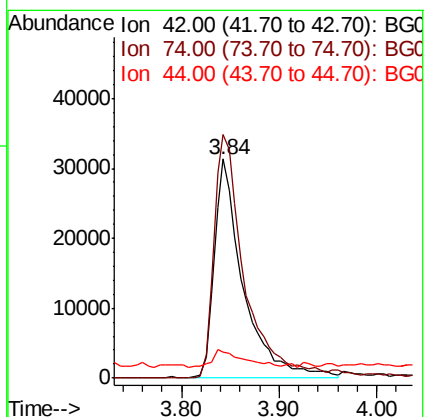
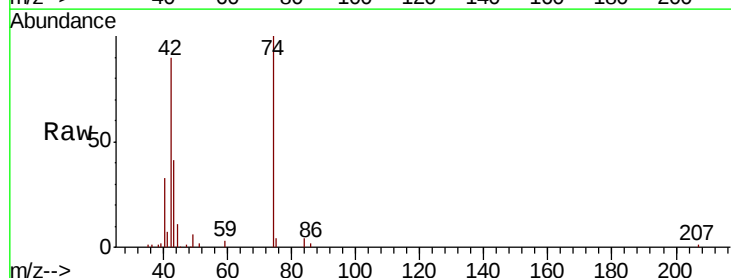
Tgt Ion: 42 Resp: 64634

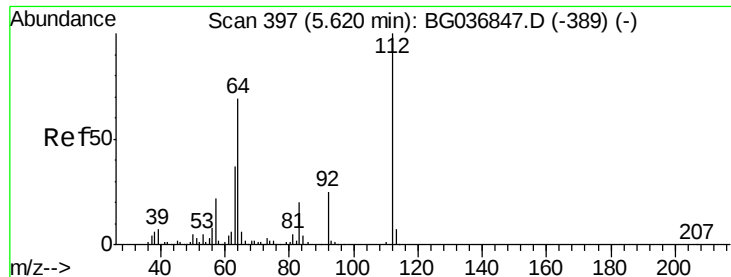
Ion Ratio Lower Upper

42 100

74 111.3 96.6 145.0

44 12.1 7.0 10.4#





#5

2-Fluorophenol

Concen: 89.657 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

Instrument :

BNA_F

ClientSampled :

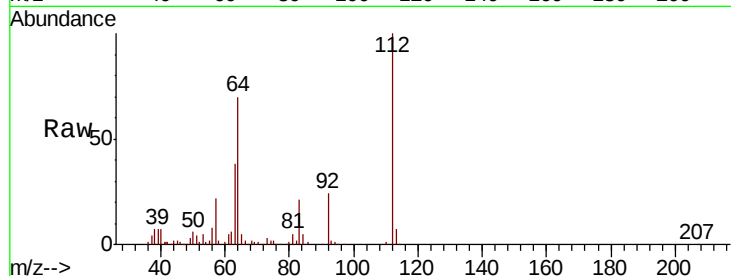
Tot Ion:112 Resp: 218954

Ion Ratio Lower Upper

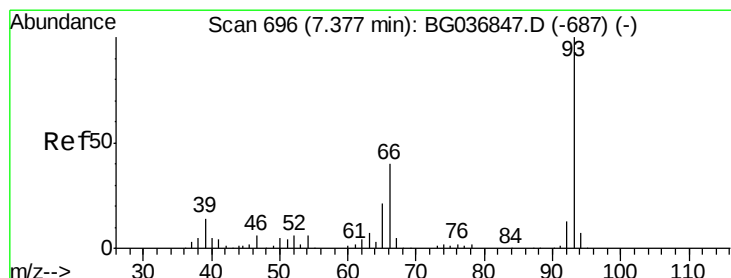
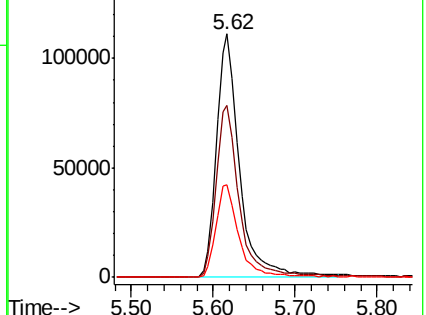
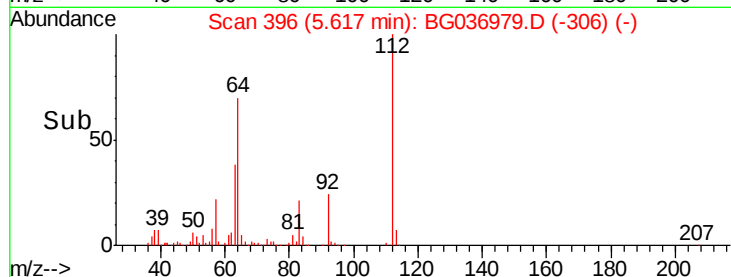
112 100

64 70.4 57.2 85.8

63 38.0 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): BGC
150000 Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.954 ng

RT: 7.37 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

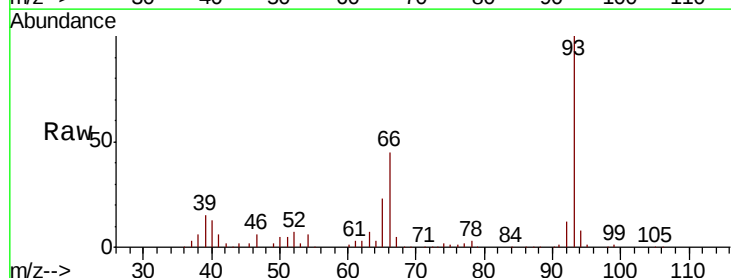
Tgt Ion: 93 Resp: 186076

Ion Ratio Lower Upper

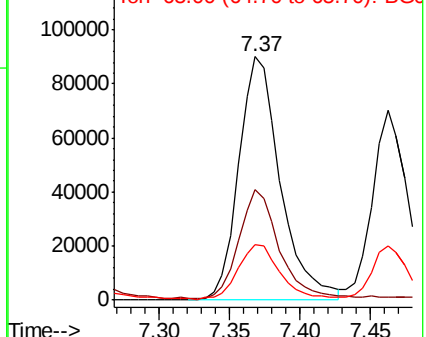
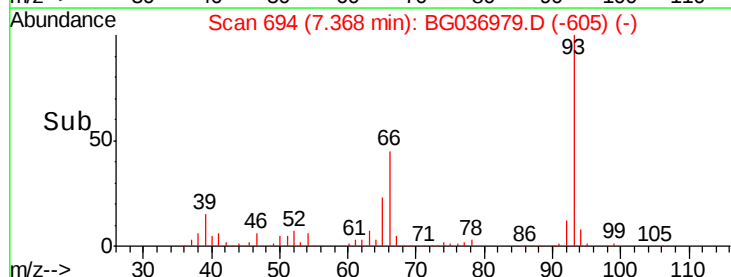
93 100

66 45.4 35.0 52.4

65 23.0 17.6 26.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
120000 Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.829 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

Instrument :

BNA_F

ClientSampleId :

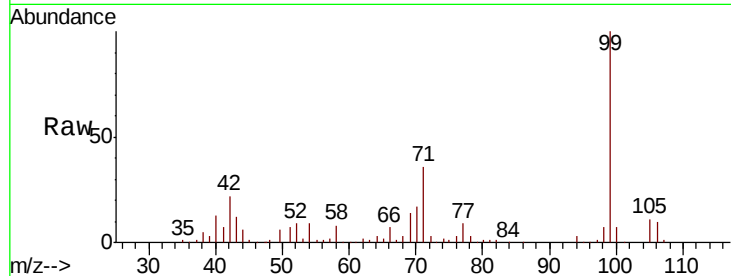
Tot Ion: 99 Resp: 305404

Ion Ratio Lower Upper

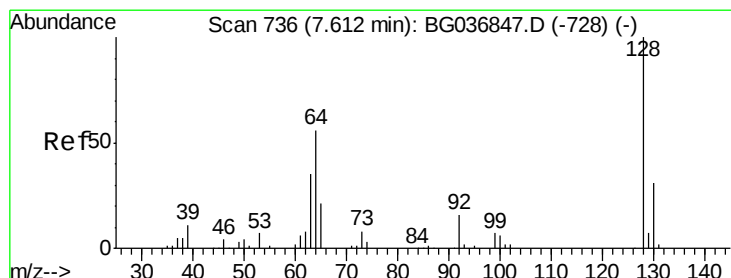
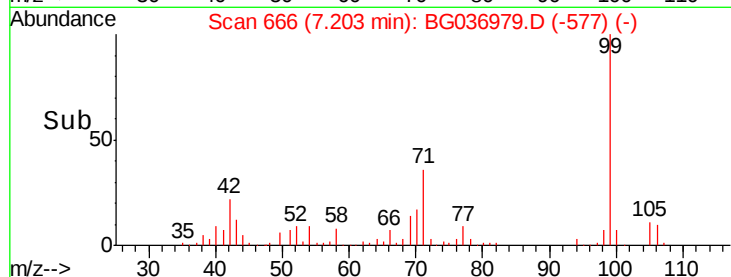
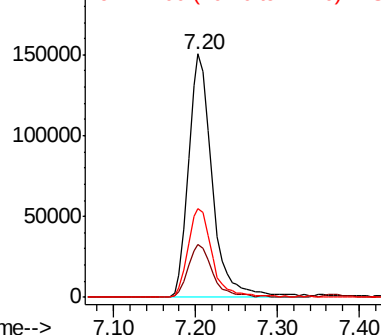
99 100

42 21.7 16.5 24.7

71 36.5 29.4 44.2



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



#8

2-Chlorophenol

Concen: 41.984 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

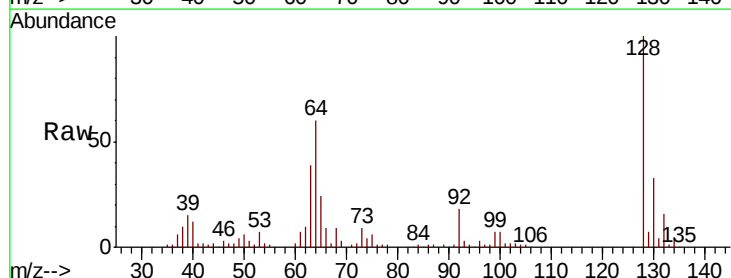
Tgt Ion: 128 Resp: 119050

Ion Ratio Lower Upper

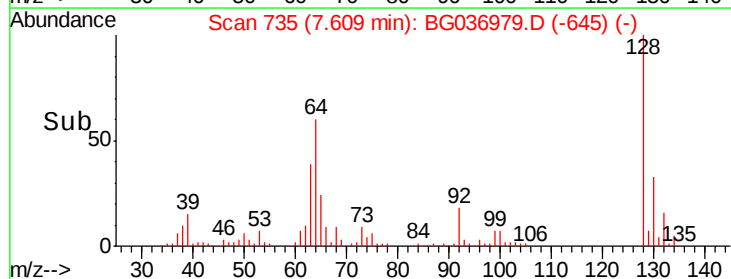
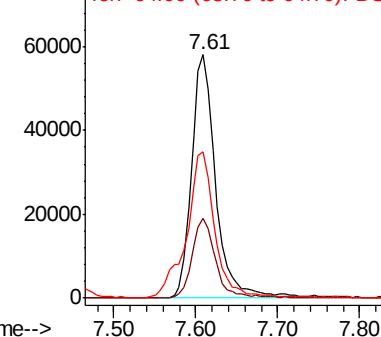
128 100

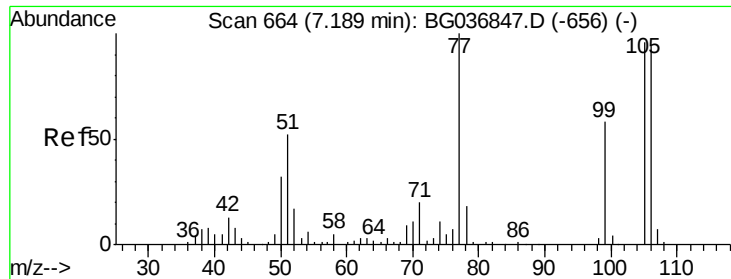
130 32.6 10.0 50.0

64 59.9 36.0 76.0



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





#9

Benzaldehyde

Concen: 38.657 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

Instrument :

BNA_F

ClientSampled :

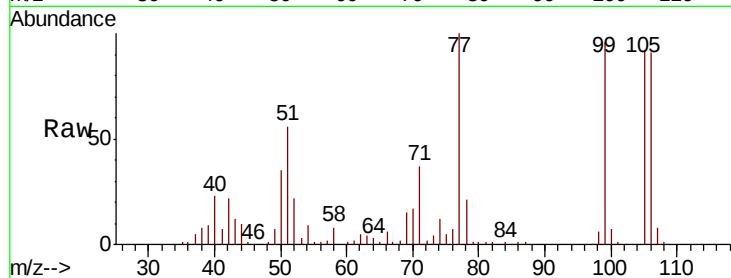
Tot Ion: 77 Resp: 96515

Ion Ratio Lower Upper

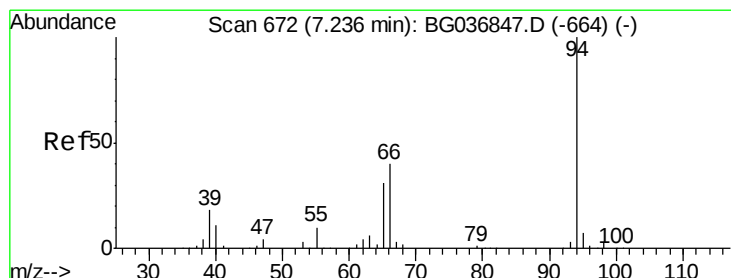
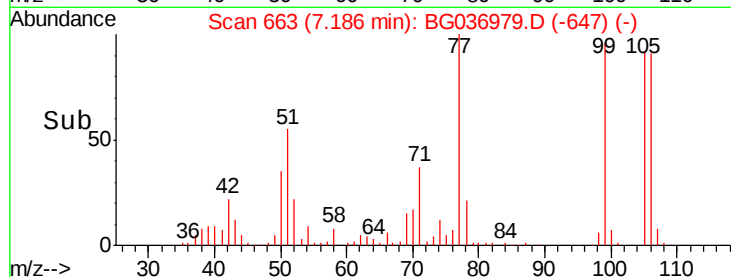
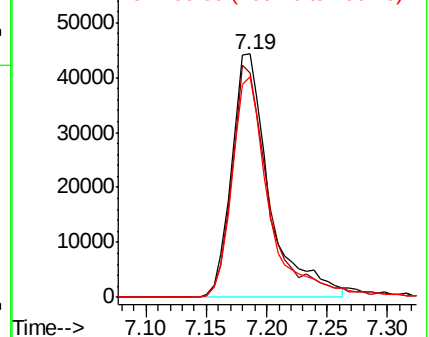
77 100

105 92.0 70.5 110.5

106 90.5 69.8 109.8



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: 41.125 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

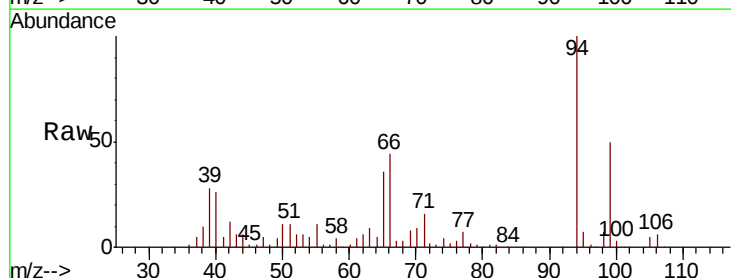
Tgt Ion: 94 Resp: 160366

Ion Ratio Lower Upper

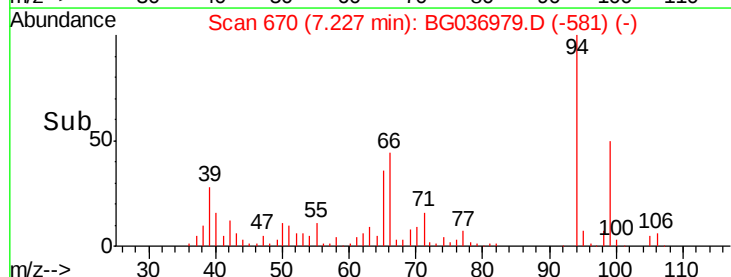
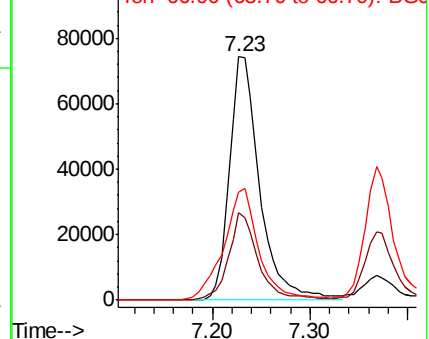
94 100

65 36.0 11.5 51.5

66 44.4 19.5 59.5



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

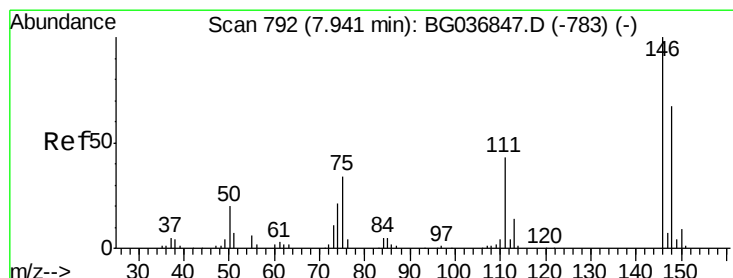
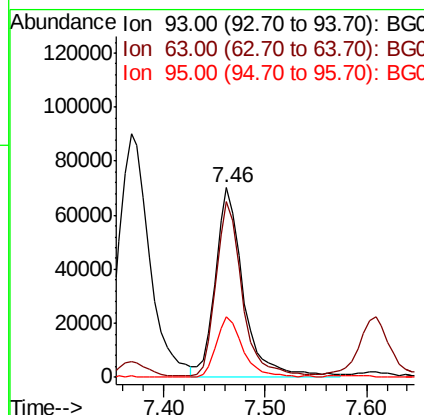
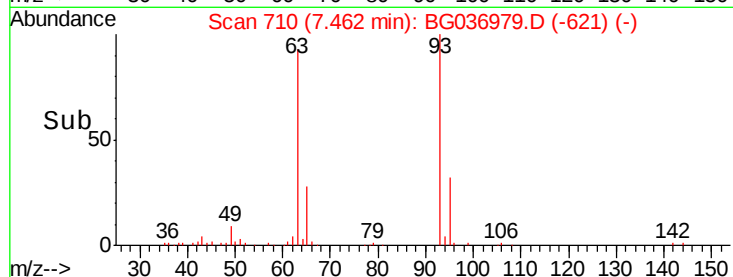
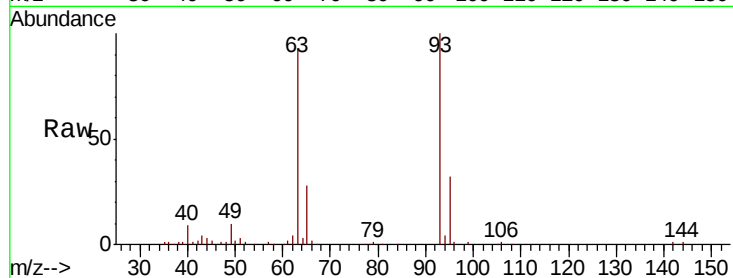




#11
 bis(2-Chloroethyl)ether
 Concen: 37.074 ng
 RT: 7.46 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

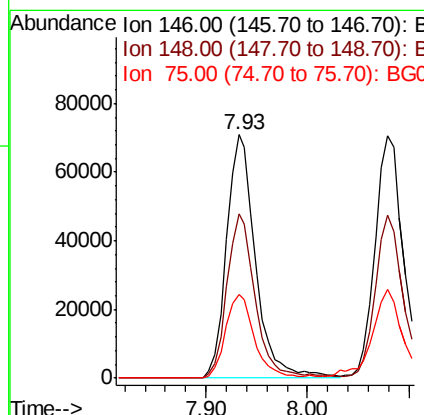
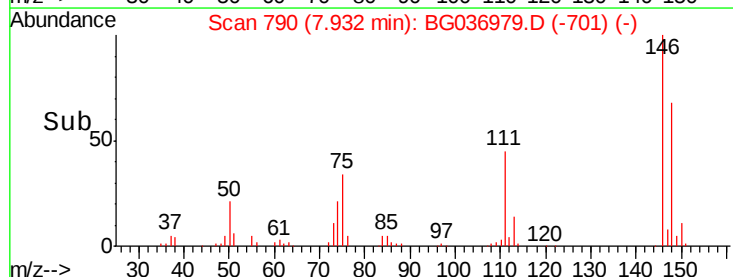
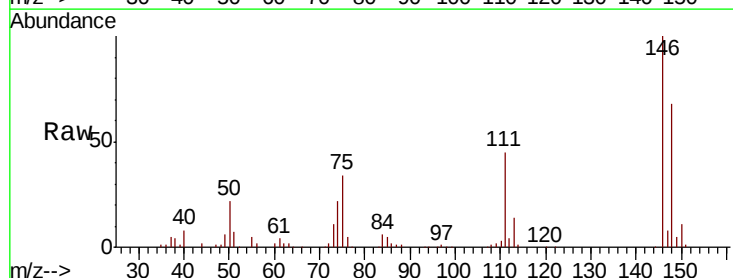
Instrument :
 BNA_F
 ClientSampled :

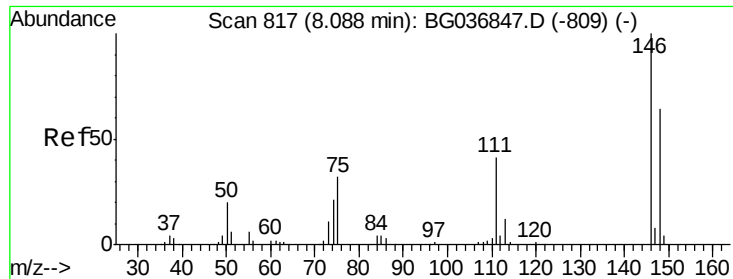
Tot Ion: 93 Resp: 133730
 Ion Ratio Lower Upper
 93 100
 63 92.9 69.9 109.9
 95 32.0 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 40.237 ng
 RT: 7.93 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Tgt Ion: 146 Resp: 139880
 Ion Ratio Lower Upper
 146 100
 148 67.5 53.8 80.6
 75 34.2 27.2 40.8

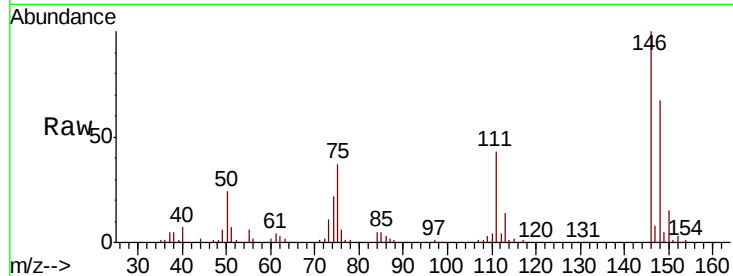




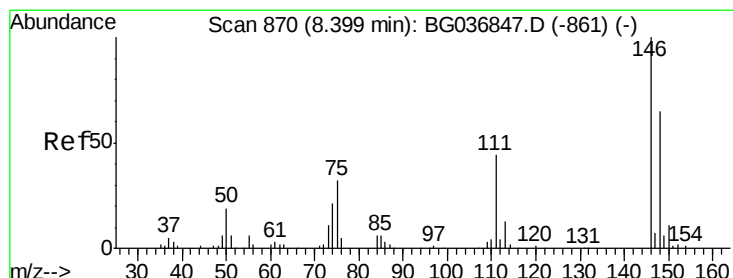
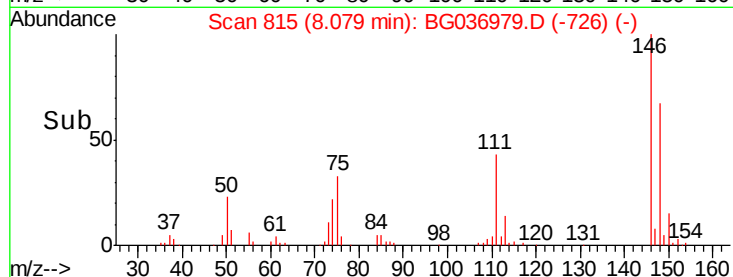
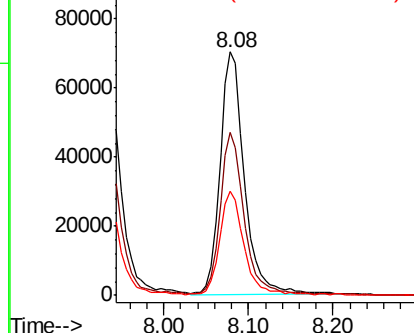
#13
 1,4-Dichlorobenzene
 Concen: 39.255 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:146 Resp: 139655
 Ion Ratio Lower Upper
 146 100
 148 67.2 53.9 80.9
 111 42.9 33.8 50.6

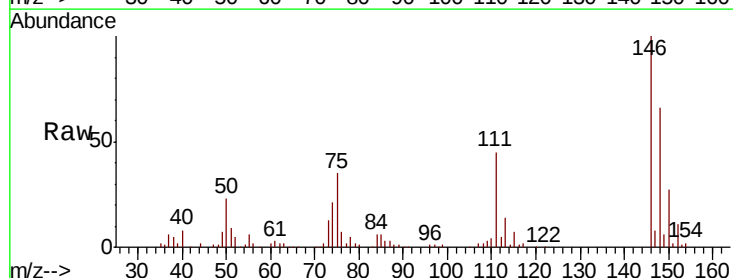


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

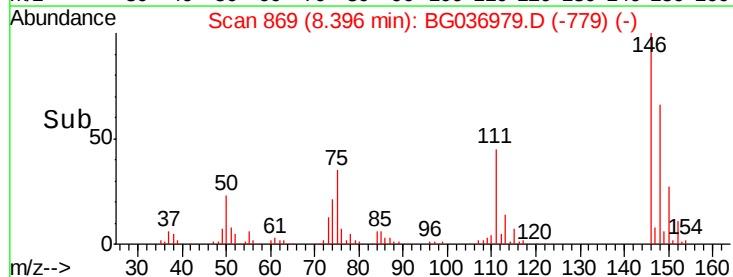
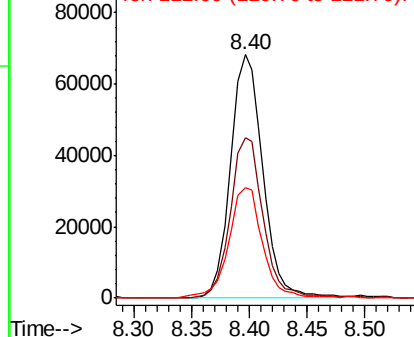


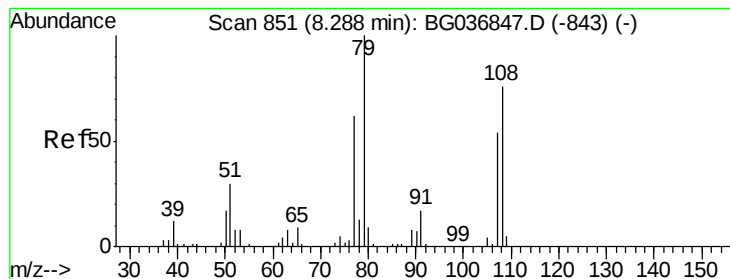
#14
 1,2-Dichlorobenzene
 Concen: 38.396 ng
 RT: 8.40 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Tgt Ion:146 Resp: 132375
 Ion Ratio Lower Upper
 146 100
 148 65.8 55.0 82.6
 111 45.5 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 37.683 ng

RT: 8.28 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

Instrument :

BNA_F

ClientSampled :

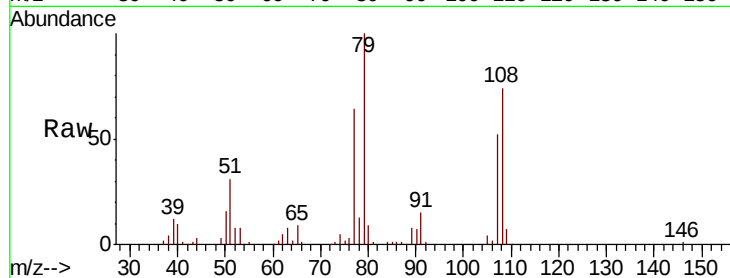
Tot Ion: 79 Resp: 115529

Ion Ratio Lower Upper

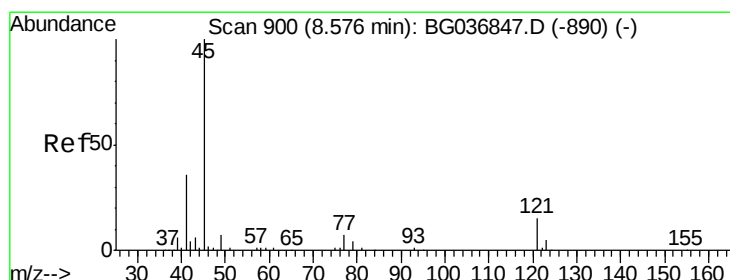
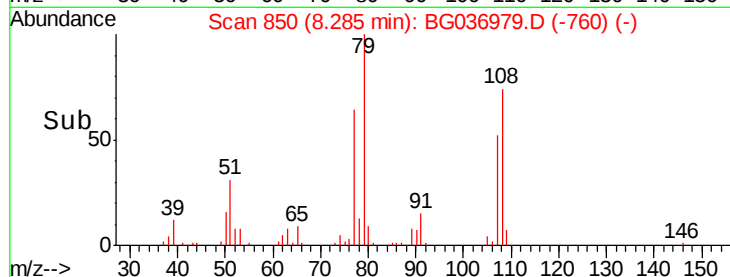
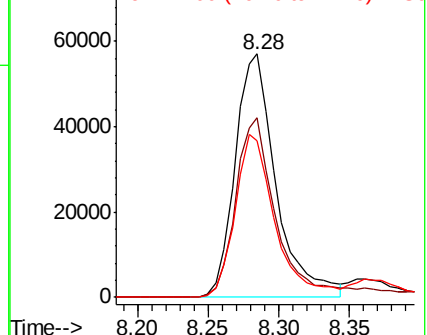
79 100

108 73.7 55.9 83.9

77 64.4 50.0 75.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.392 ng

RT: 8.57 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

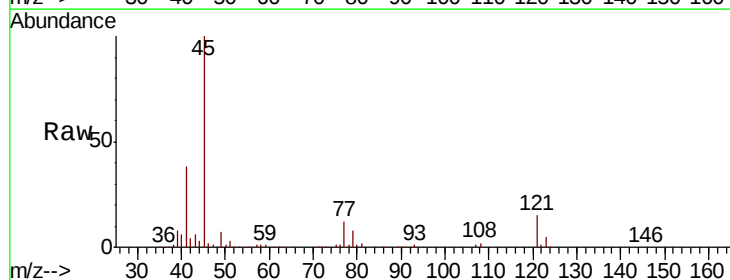
Tgt Ion: 45 Resp: 265870

Ion Ratio Lower Upper

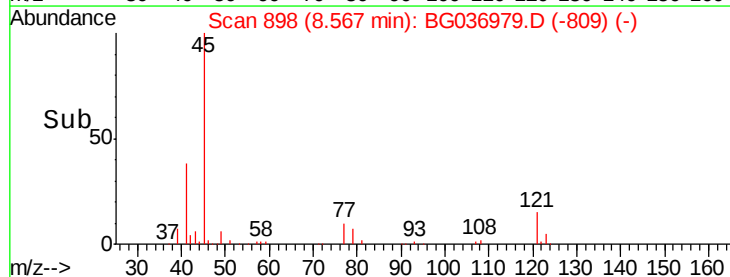
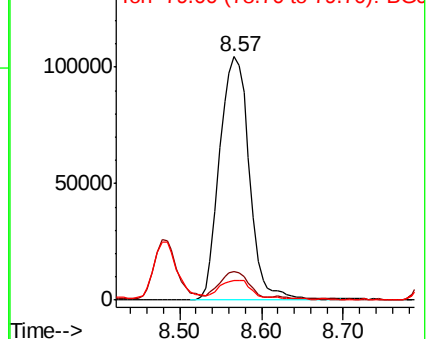
45 100

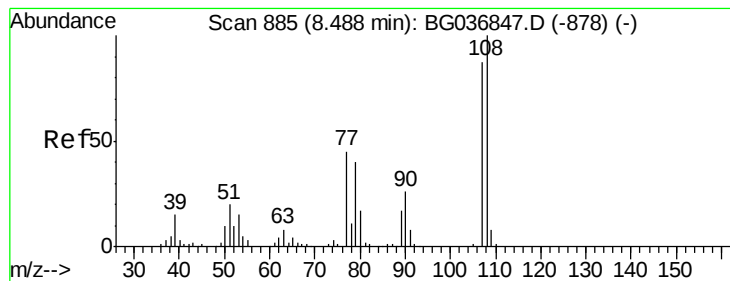
77 11.5 0.0 30.5

79 8.3 0.0 27.9



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: 37.756 ng

RT: 8.48 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 102557

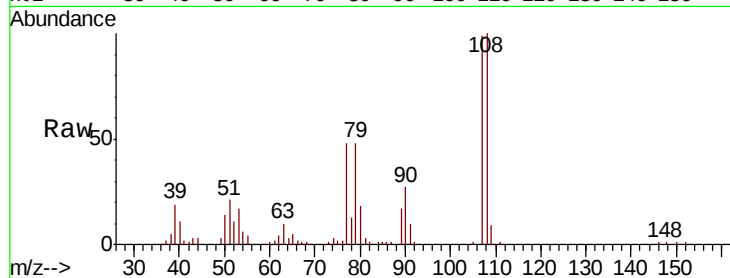
Ion Ratio Lower Upper

107 100

108 101.4 86.7 130.1

77 48.7 39.0 58.4

79 48.4 36.6 54.8

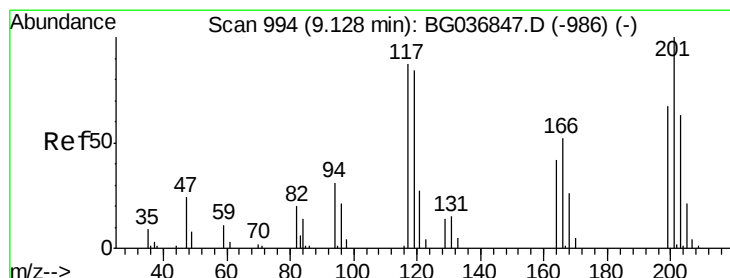
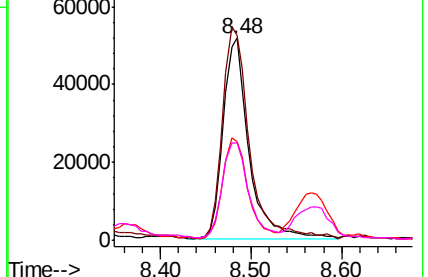
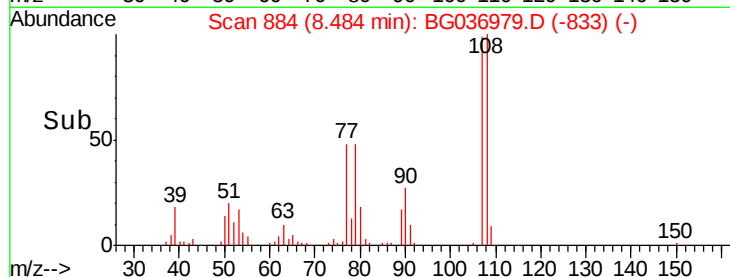


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.086 ng

RT: 9.12 min Scan# 993

Delta R.T. -0.00 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

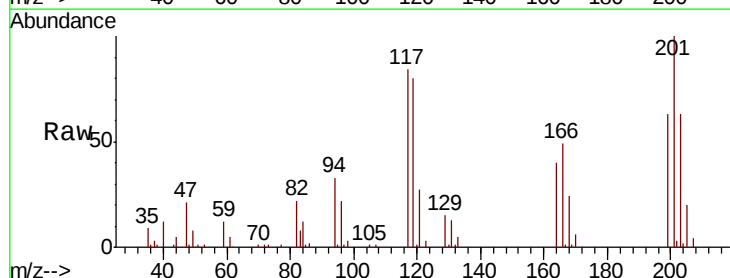
Tgt Ion:117 Resp: 53790

Ion Ratio Lower Upper

117 100

119 95.3 76.8 115.2

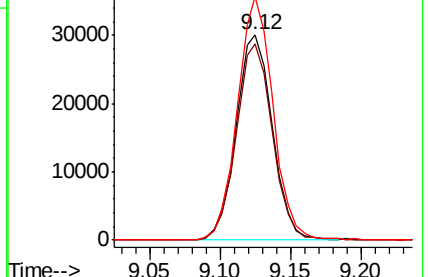
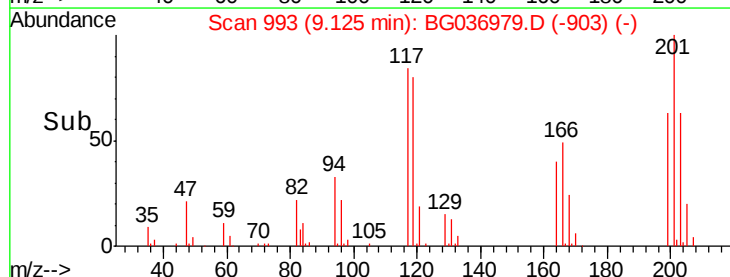
201 118.4 85.7 128.5

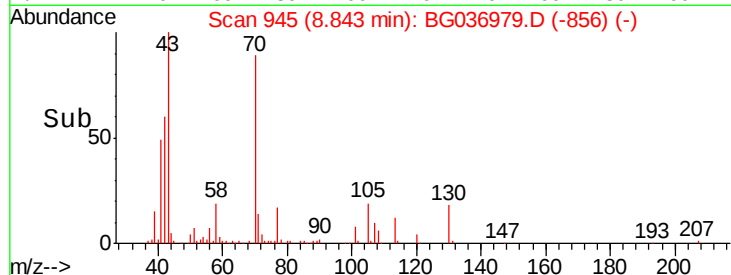
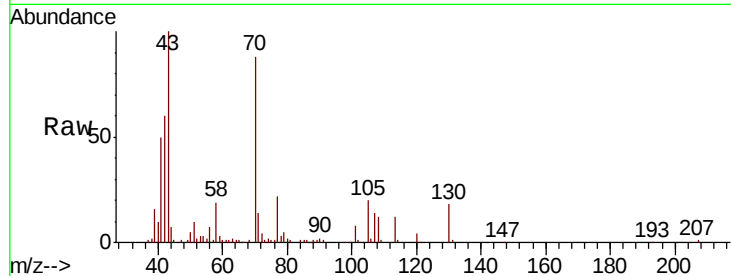
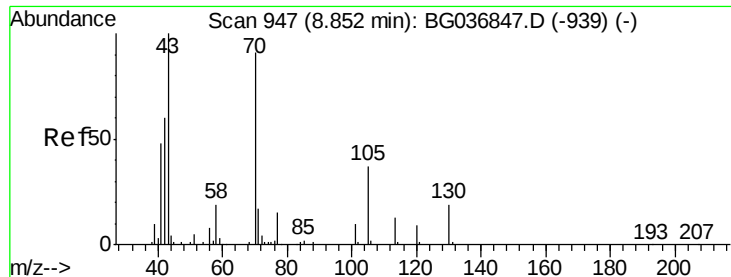


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

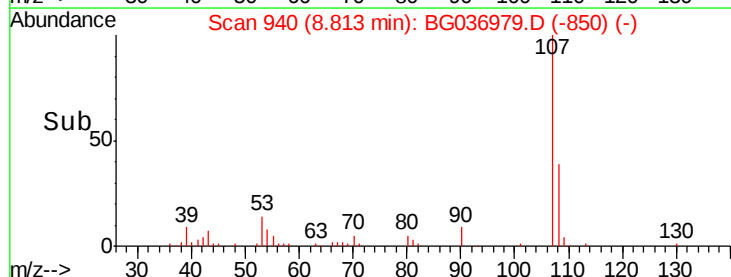
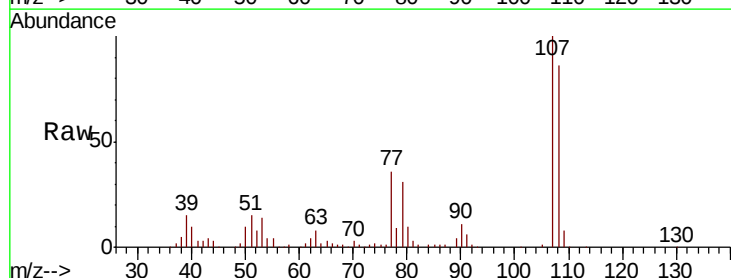
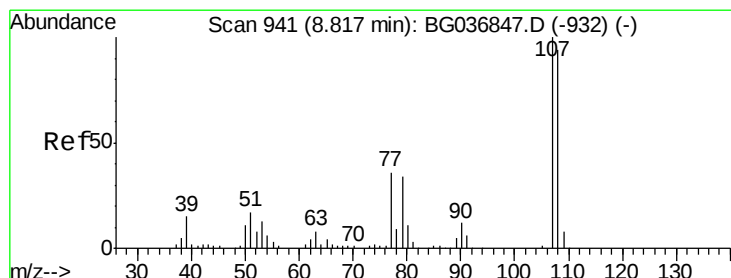
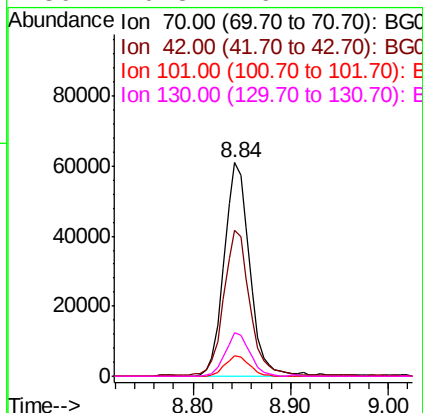




#19
n-Nitroso-di-n-propylamine
Concen: 35.484 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

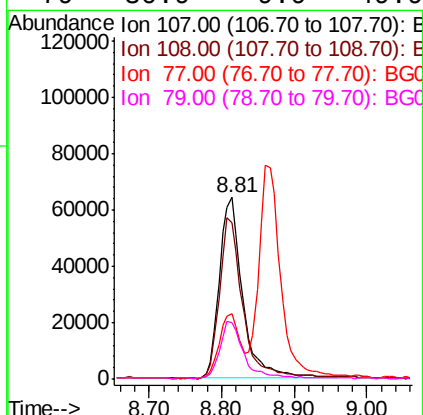
Instrument :
BNA_F
ClientSampleId :

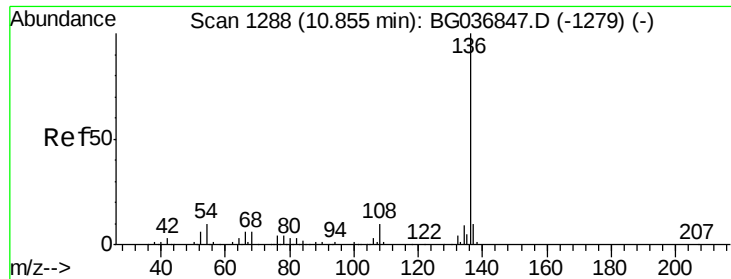
Tot Ion:	70	Resp:	111535
Ion	Ratio	Lower	Upper
70	100		
42	68.3	56.2	84.4
101	9.6	7.8	11.6
130	20.3	16.2	24.2



#20
3+4-Methylphenols
Concen: 38.163 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.00 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

Tgt Ion:	107	Resp:	144210
Ion	Ratio	Lower	Upper
107	100		
108	86.3	68.0	108.0
77	35.9	15.6	55.6
79	30.9	9.9	49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG036979.D

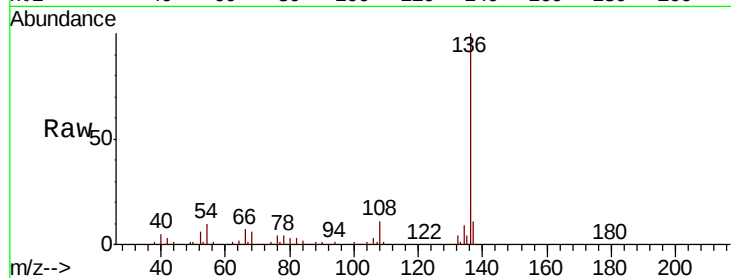
Acq: 26 Sep 2018 12:40

Instrument :

BNA_F

ClientSampled :

Tot Ion:136	Resp:	194162
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	10.5	9.2 13.8
68	5.6	5.8 8.6#

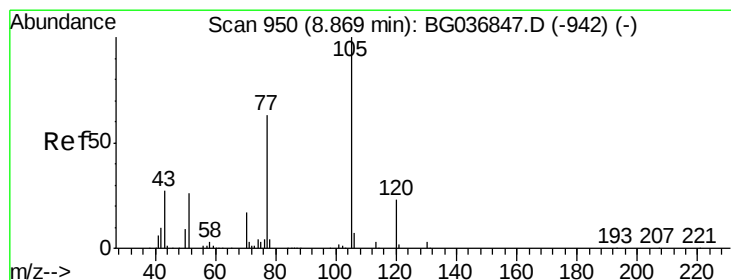
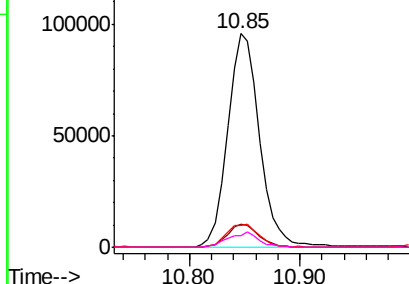
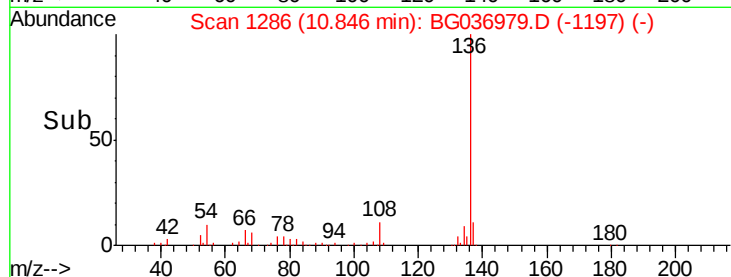


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.339 ng

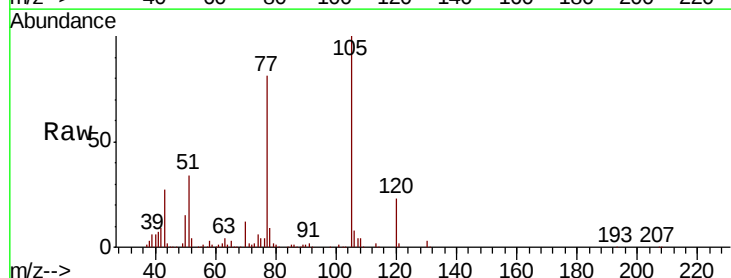
RT: 8.87 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

Tgt Ion:105	Resp:	188619
Ion Ratio	Lower	Upper
105	100	
71	2.0	2.4 3.6#
51	34.0	25.9 38.9
120	22.7	19.4 29.0

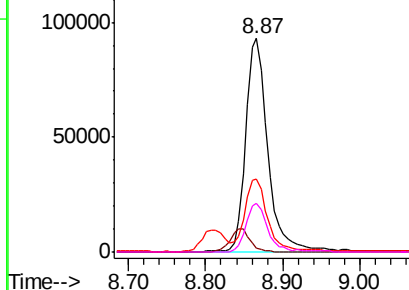
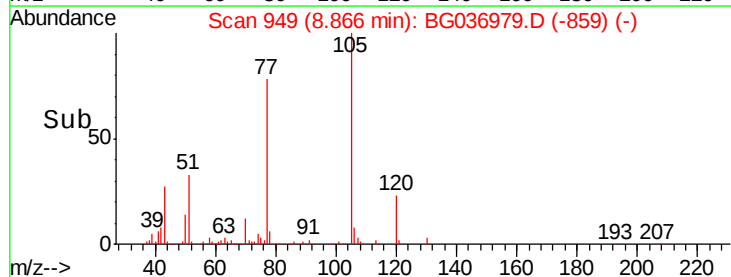


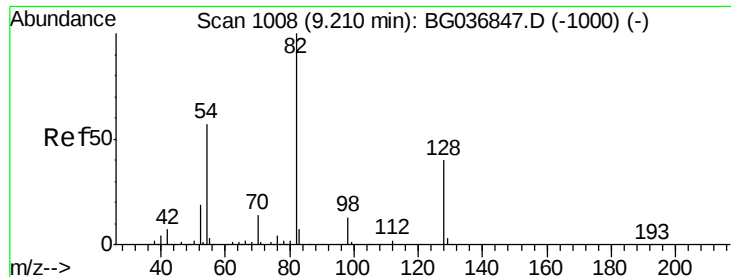
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

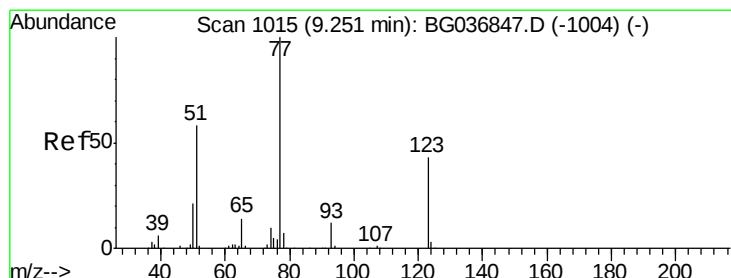
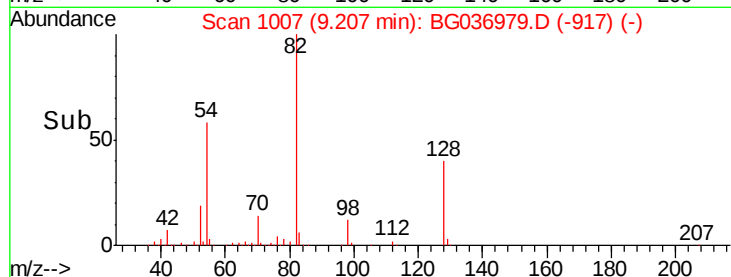
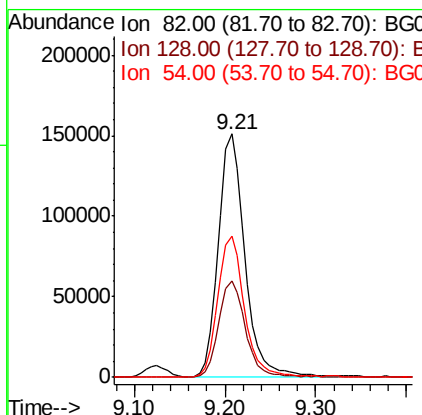
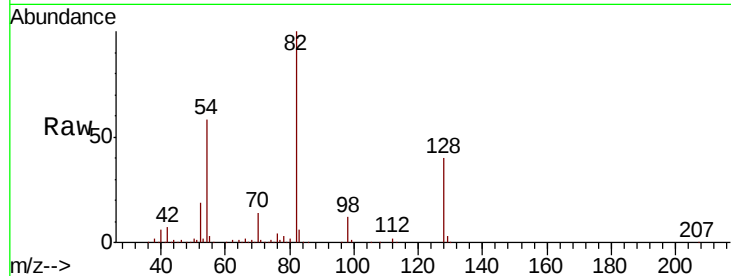




#23
Nitrobenzene-d5
Concen: 84.162 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

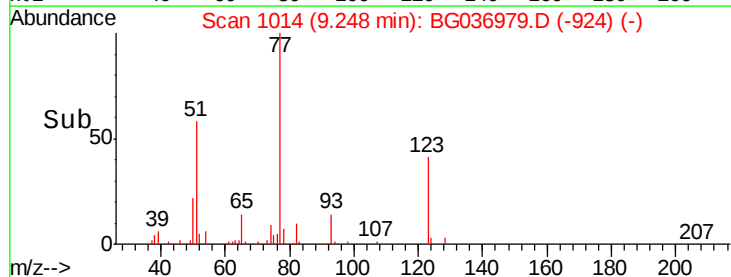
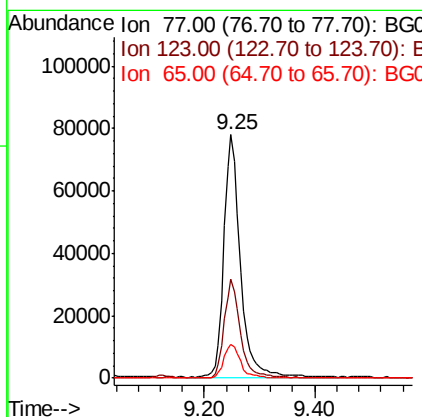
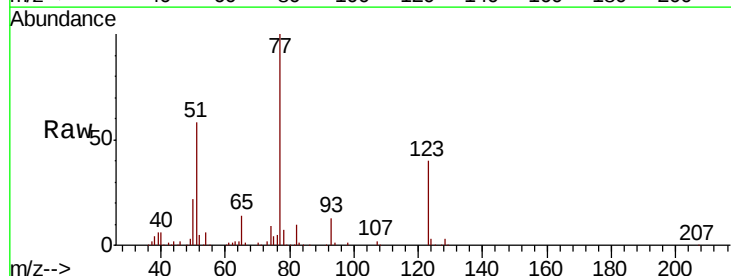
Instrument :
BNA_F
ClientSampleId :

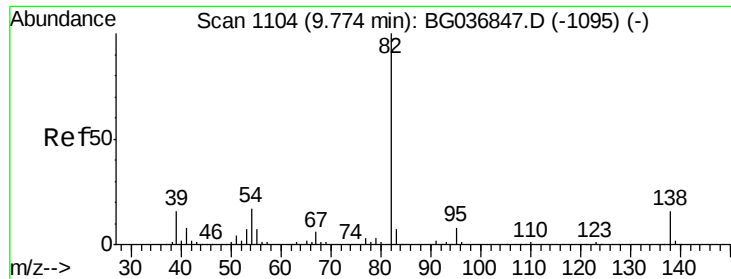
Tot Ion	82	Resp	305150
Ion Ratio	Lower	Upper	
82	100		
128	39.5	33.3	49.9
54	58.1	45.1	67.7



#24
Nitrobenzene
Concen: 42.366 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

Tgt Ion	77	Resp	164038
Ion Ratio	Lower	Upper	
77	100		
123	40.5	32.4	48.6
65	13.7	11.5	17.3





#25

Isophorone

Concen: 40.660 ng

RT: 9.77 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

Instrument :

BNA_F

ClientSampleId :

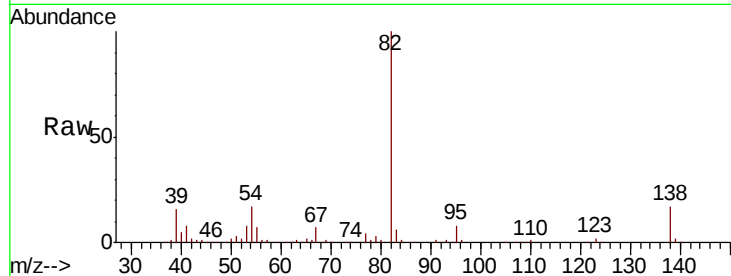
Tot Ion: 82 Resp: 269370

Ion Ratio Lower Upper

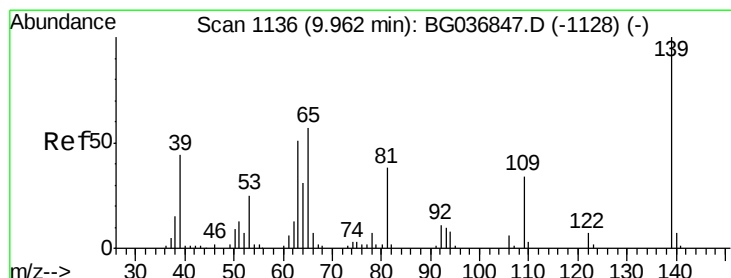
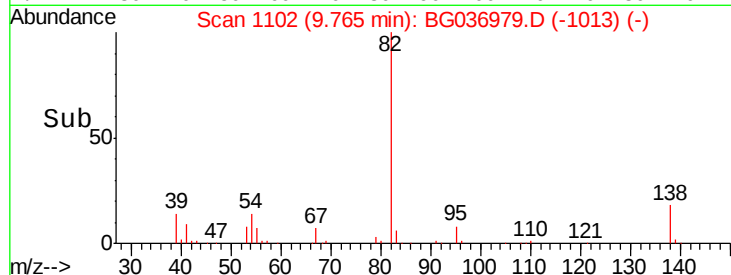
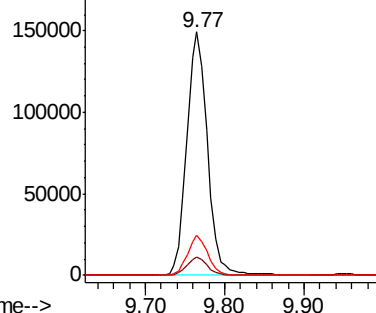
82 100

95 7.5 5.8 8.8

138 16.6 12.9 19.3



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



#26

2-Nitrophenol

Concen: 46.222 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

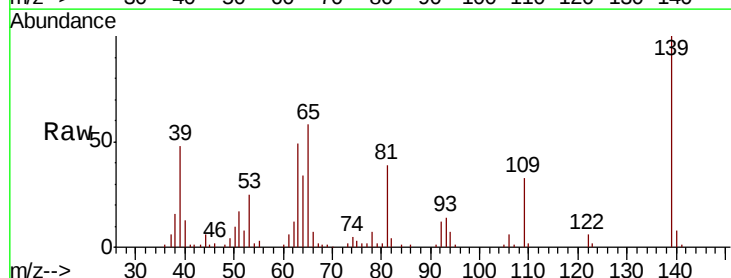
Tgt Ion: 139 Resp: 71336

Ion Ratio Lower Upper

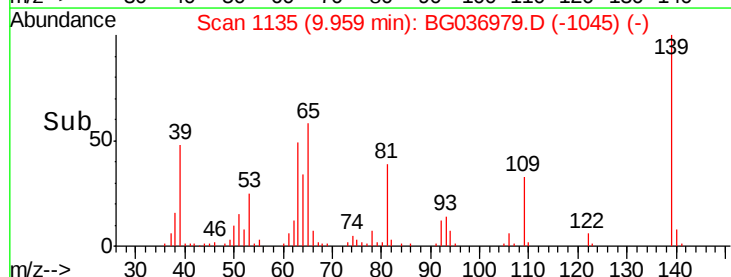
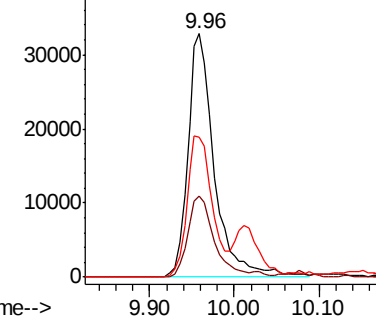
139 100

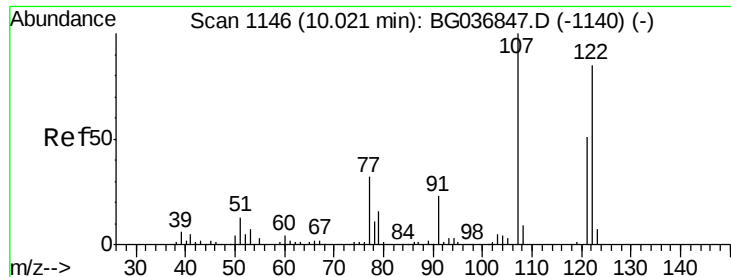
109 33.3 27.4 41.0

65 57.7 47.8 71.6



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





#27

2,4-Dimethylphenol

Concen: 40.666 ng

RT: 10.01 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

Instrument :

BNA_F

ClientSampled :

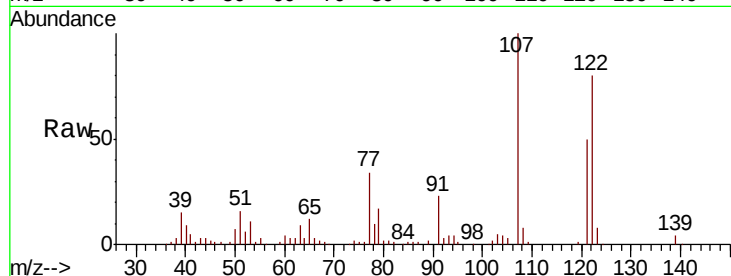
Tot Ion:122 Resp: 97764

Ion Ratio Lower Upper

122 100

107 124.6 96.0 144.0

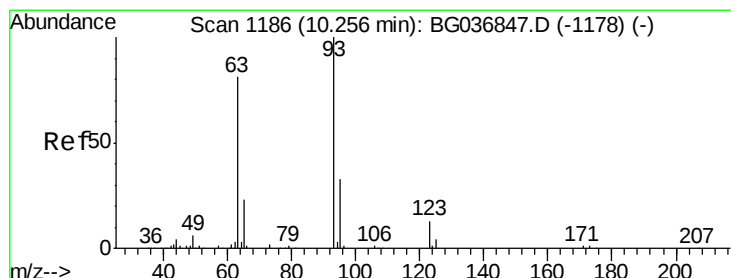
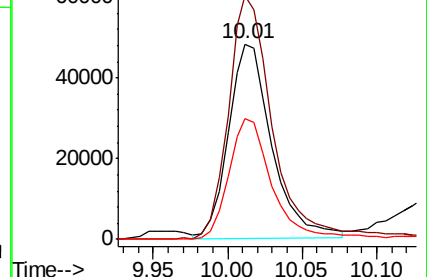
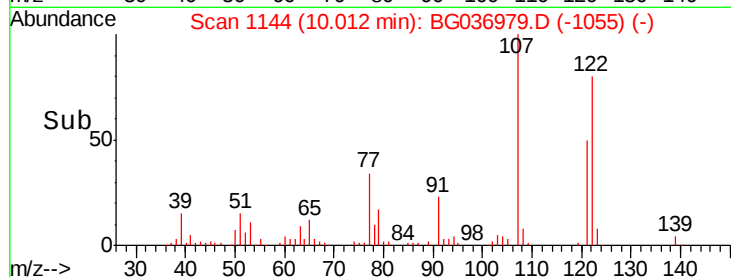
121 61.8 48.2 72.4



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: 39.655 ng

RT: 10.25 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

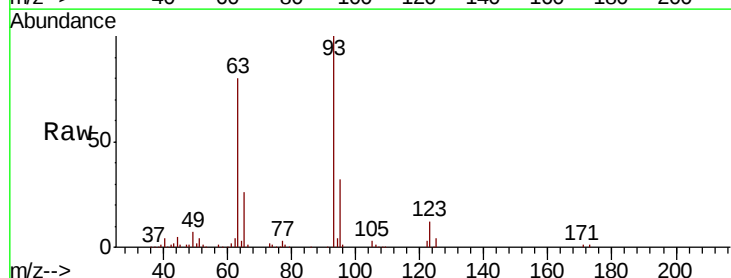
Tgt Ion: 93 Resp: 162109

Ion Ratio Lower Upper

93 100

95 31.9 25.2 37.8

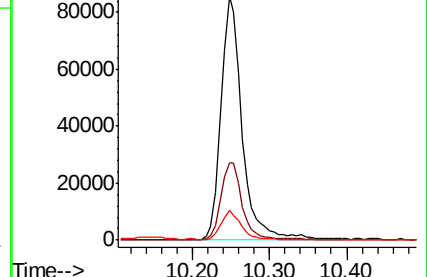
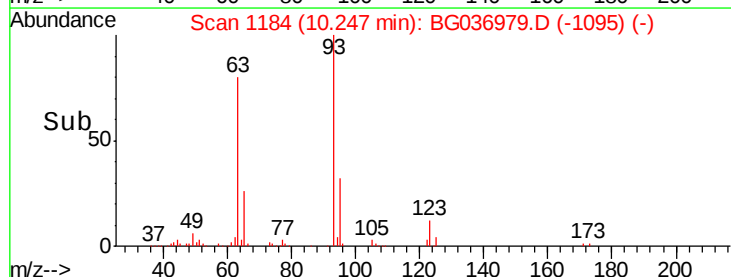
123 12.1 8.6 12.8

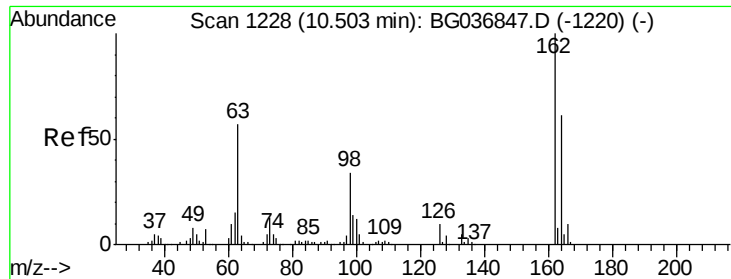


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

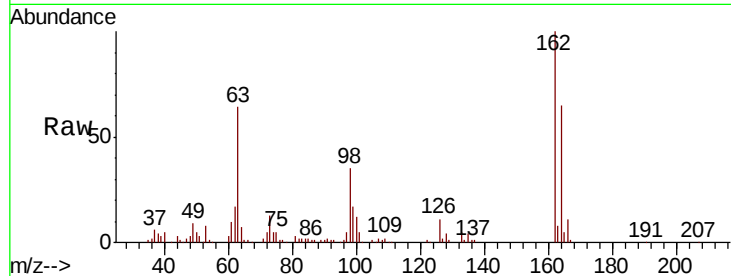




#29
 2,4-Dichlorophenol
 Concen: 44.048 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	47.6	87.6
98	34.6	19.2	59.2

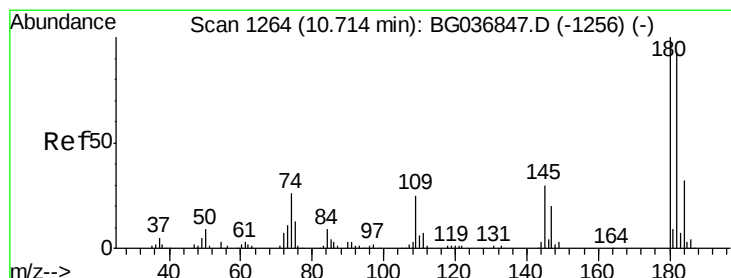
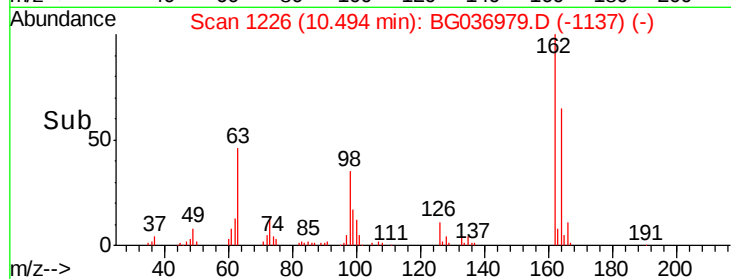
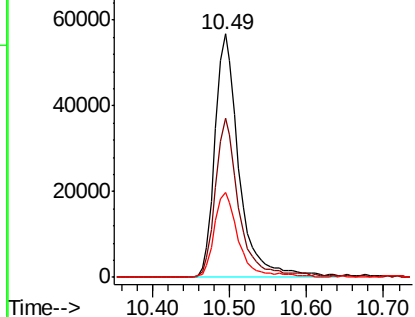


Abundance

Ion 162.00 (161.70 to 162.70): E

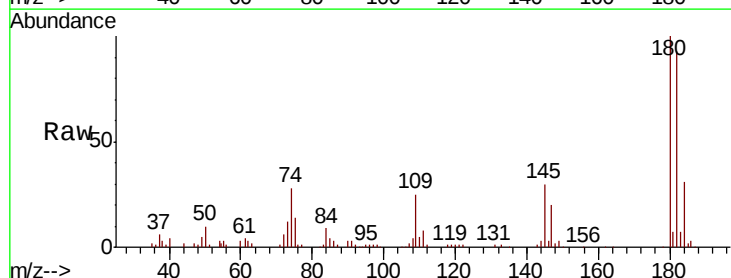
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 40.770 ng
 RT: 10.71 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.0	114.0
145	29.7	22.9	34.3

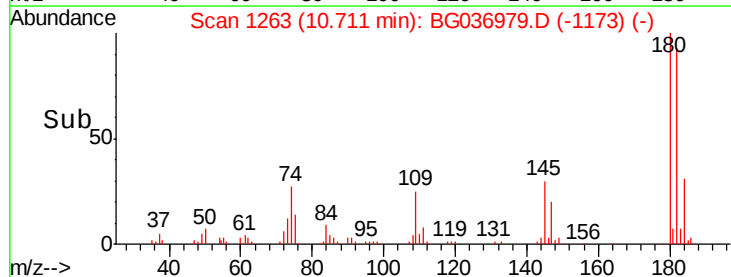
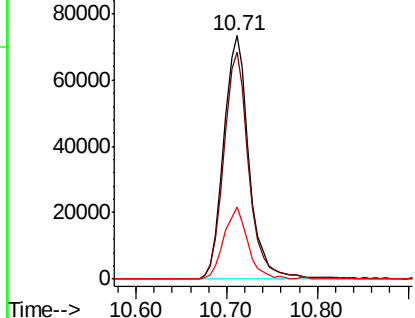


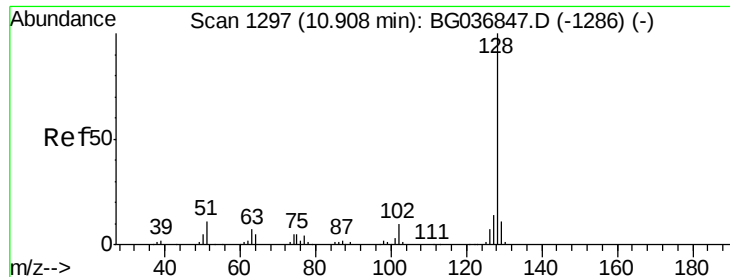
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

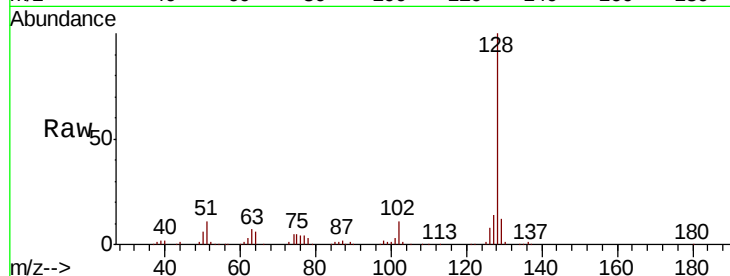




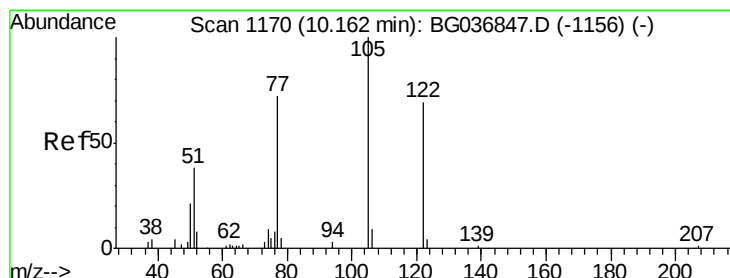
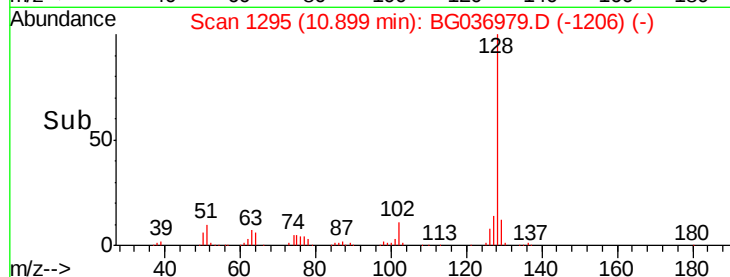
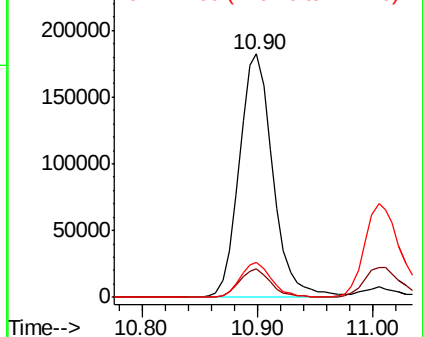
#31
Naphthalene
Concen: 39.794 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	14.3	11.0	16.4

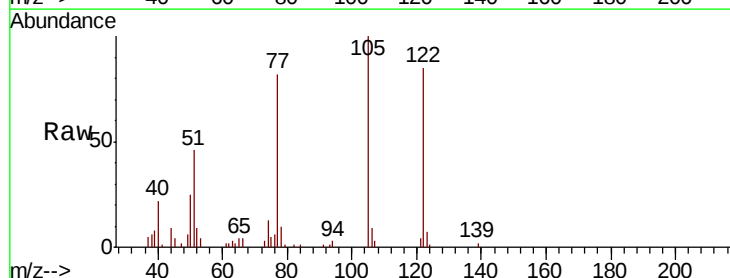


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

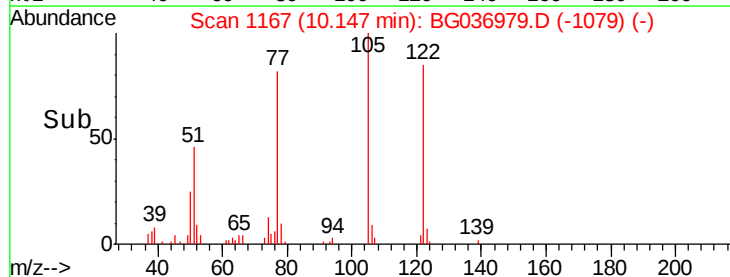
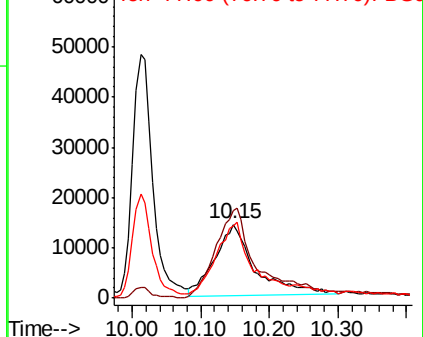


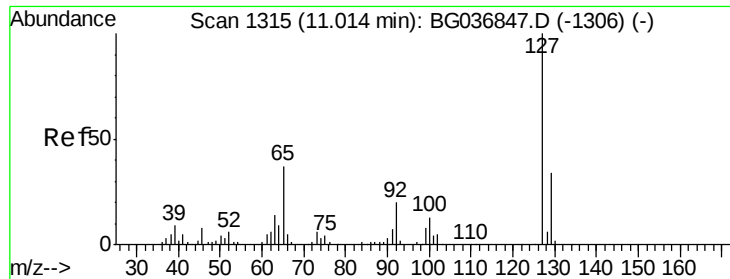
#32
Benzoic acid
Concen: 32.704 ng
RT: 10.15 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.0	108.1	148.1
77	97.2	76.3	116.3



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

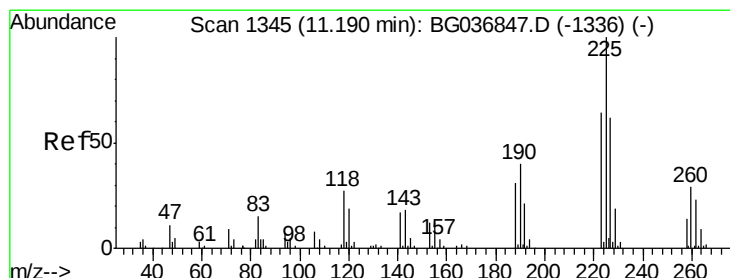
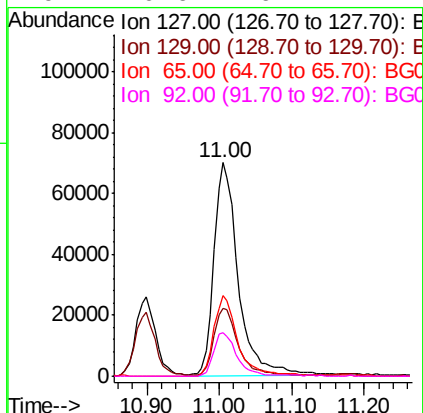
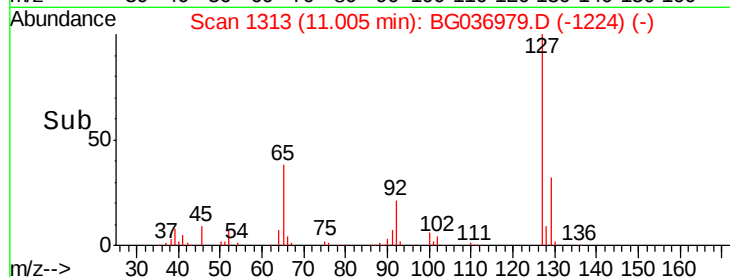
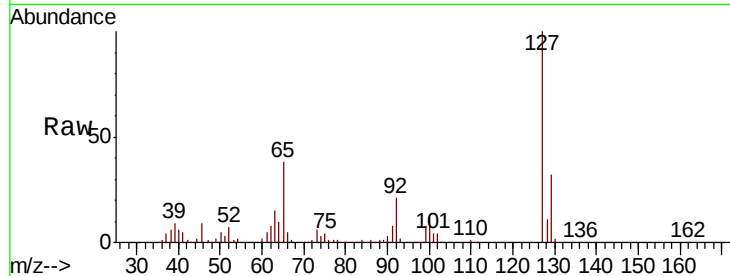




#33
4-Chloroaniline
Concen: 38.580 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

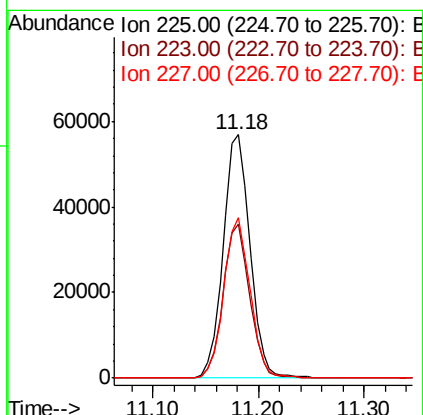
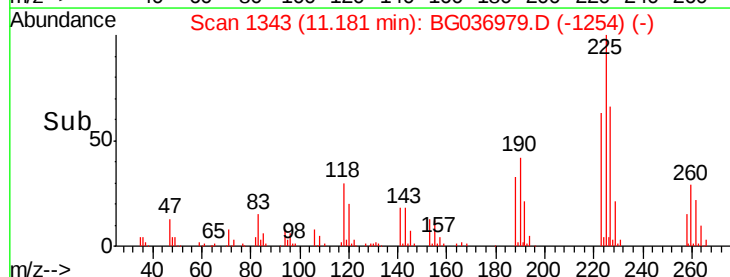
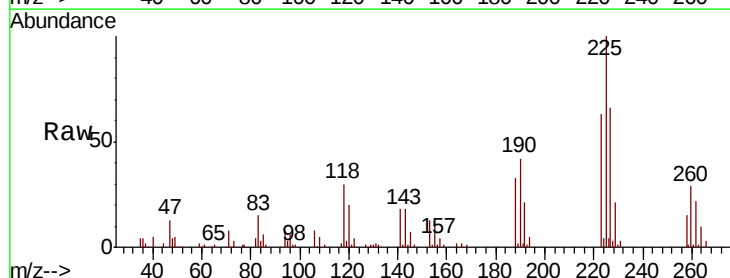
Instrument :
BNA_F
ClientSampleId :

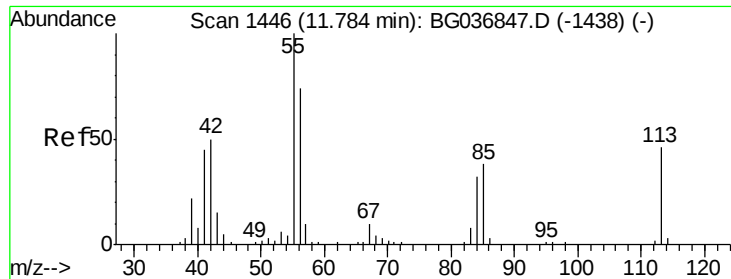
Tot Ion:127	Resp:	162053	
Ion Ratio	Lower	Upper	
127 100			
129 32.0	25.9	38.9	
65 37.9	27.5	41.3	
92 20.6	16.2	24.2	



#34
Hexachlorobutadiene
Concen: 41.489 ng
RT: 11.18 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

Tgt	Ion:225	Resp:	100065
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.8	77.8
227	65.9	49.8	74.6

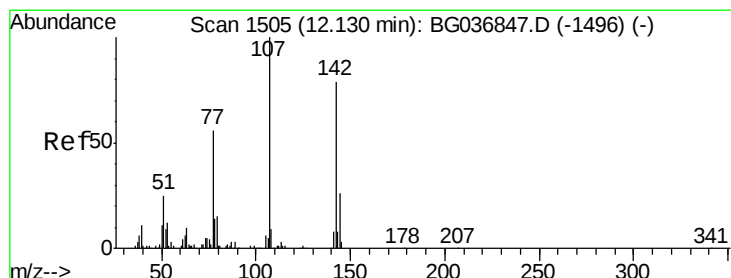
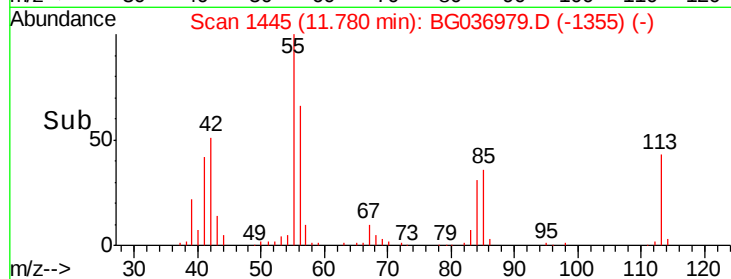
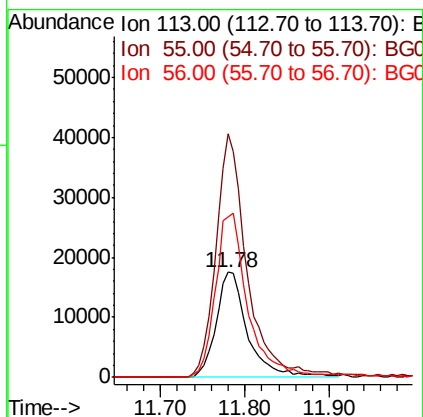
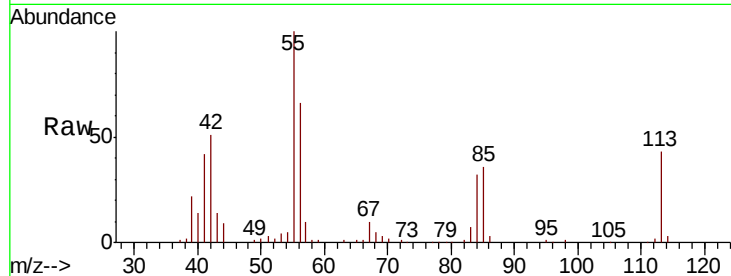




#35
 Caprolactam
 Concen: 39.688 ng
 RT: 11.78 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

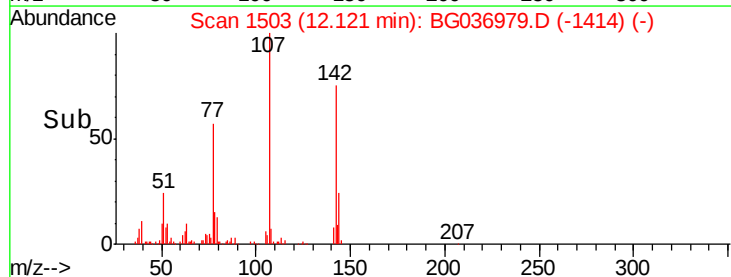
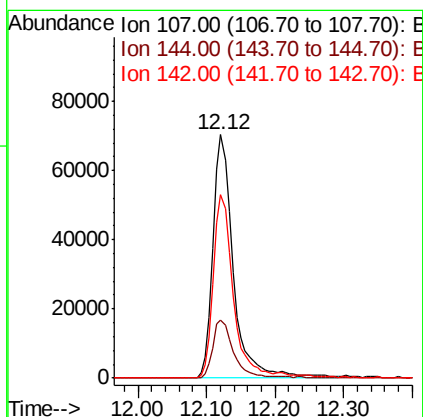
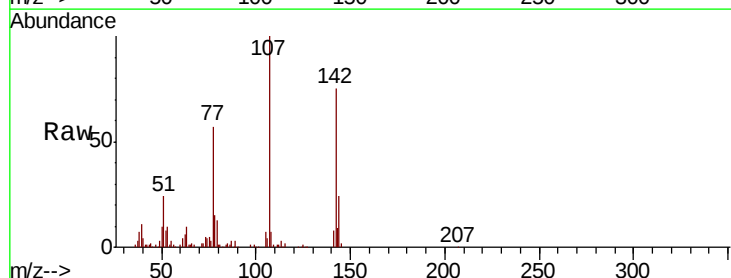
Instrument :
 BNA_F
 ClientSampled :

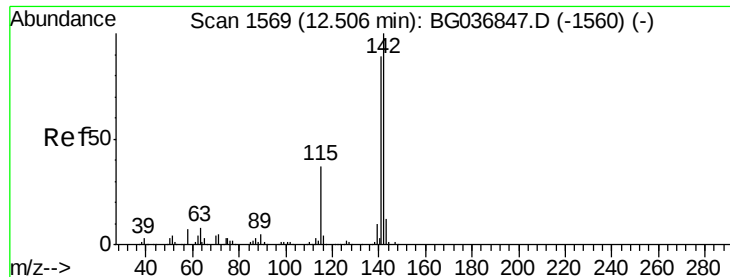
Tot Ion:113 Resp: 45523
 Ion Ratio Lower Upper
 113 100
 55 232.2 197.7 237.7
 56 153.2 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.732 ng
 RT: 12.12 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Tgt Ion:107 Resp: 145422
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.5 29.3
 142 75.1 62.4 93.6

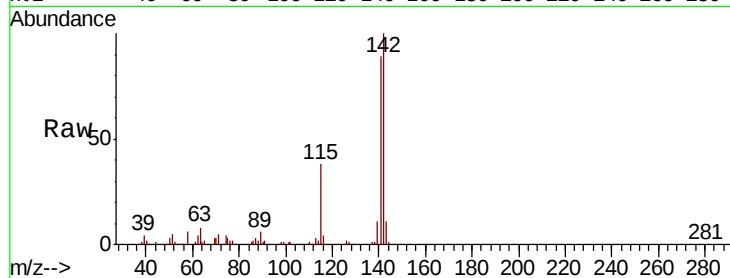




#37
 2-Methylnaphthalene
 Concen: 38.355 ng
 RT: 12.50 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	68.5	102.7
115	38.4	29.8	44.8

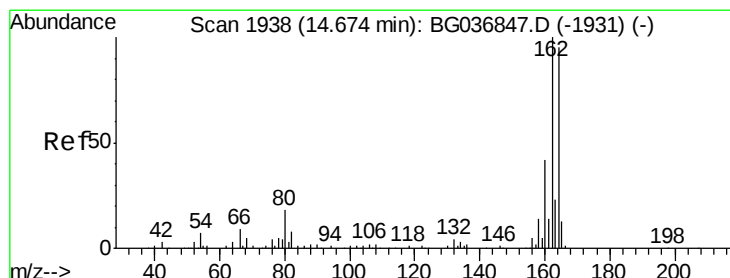
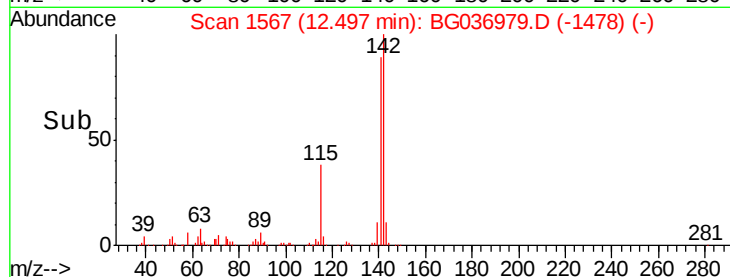
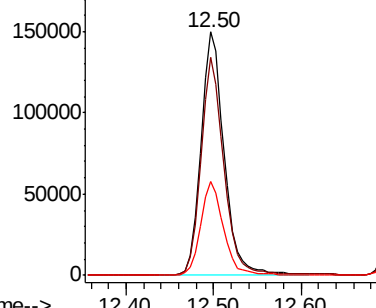


Abundance

Ion 142.00 (141.70 to 142.70): E

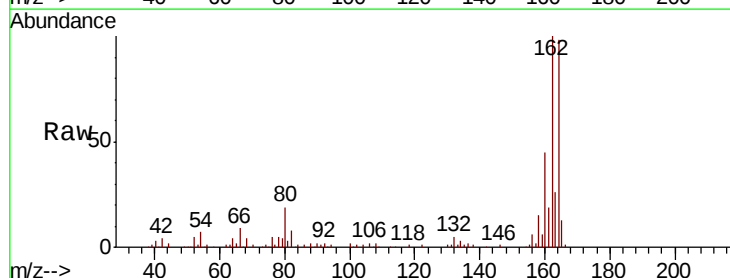
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.7	121.1
160	45.7	35.3	52.9

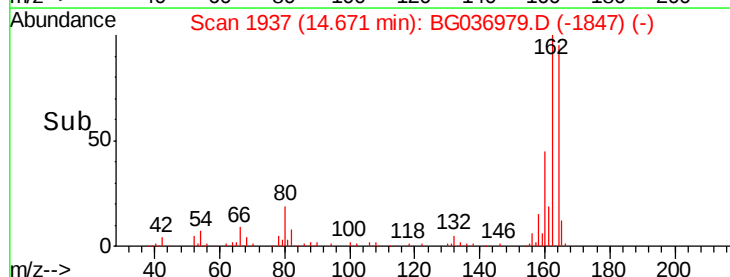
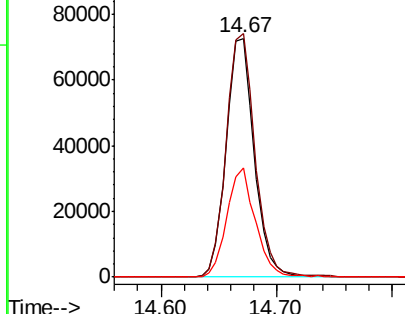


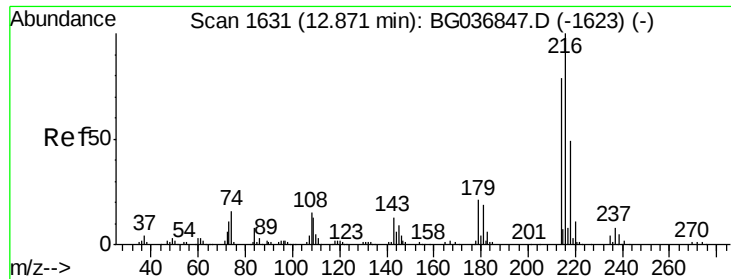
Abundance

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.778 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 179004

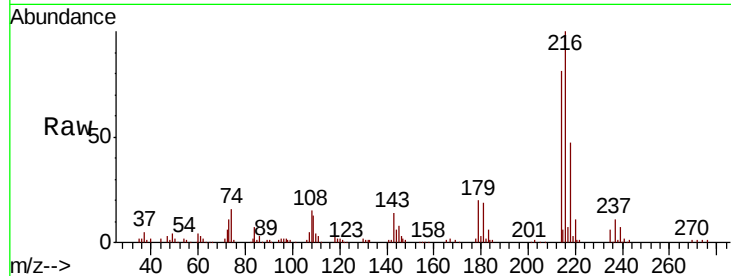
Ion Ratio Lower Upper

216 100

214 77.1 61.0 91.6

179 19.2 15.7 23.5

108 16.4 13.1 19.7

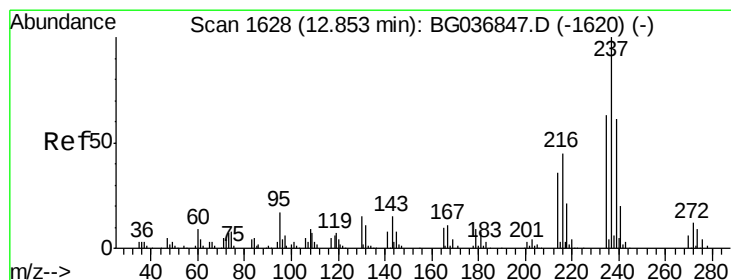
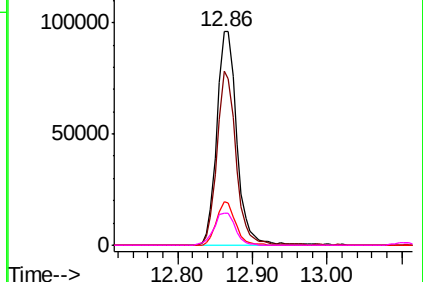
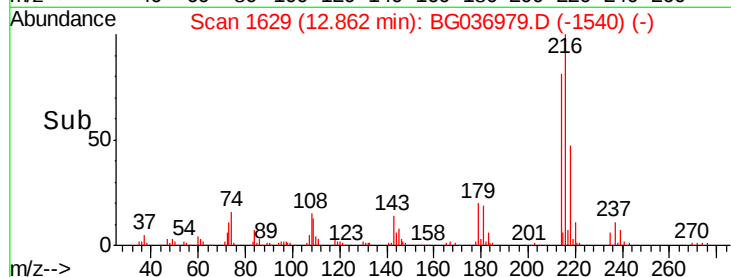


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 39.172 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

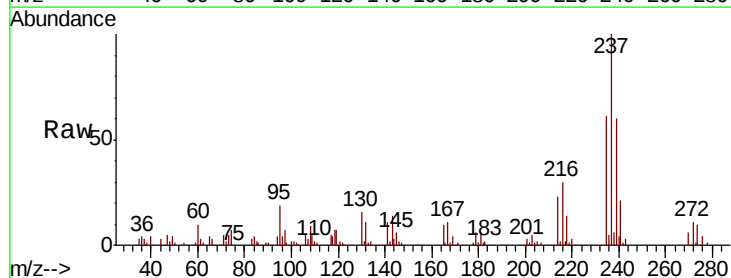
Tgt Ion:237 Resp: 86319

Ion Ratio Lower Upper

237 100

235 61.0 42.2 82.2

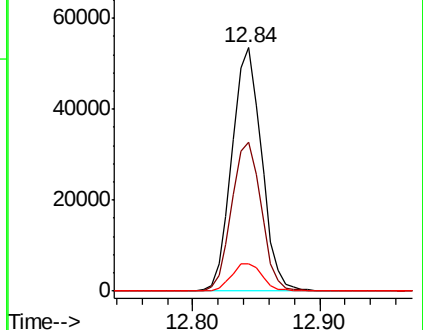
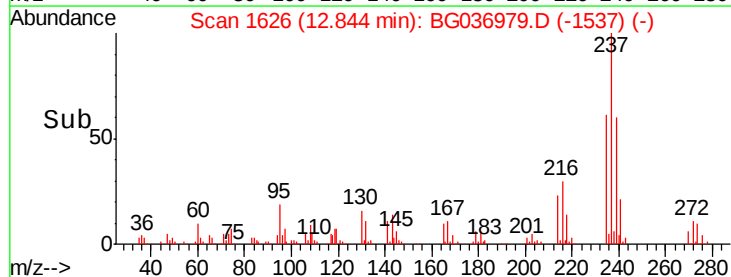
272 11.0 0.0 32.1

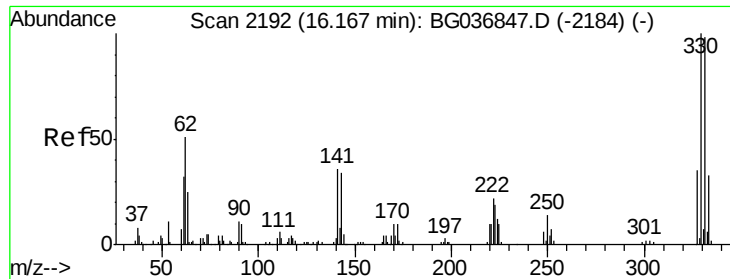


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

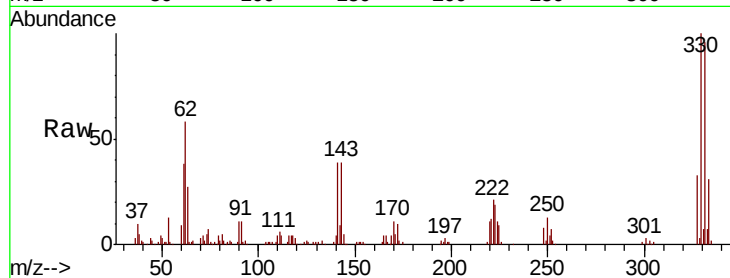




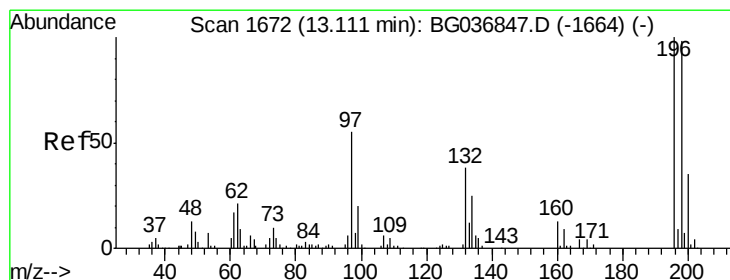
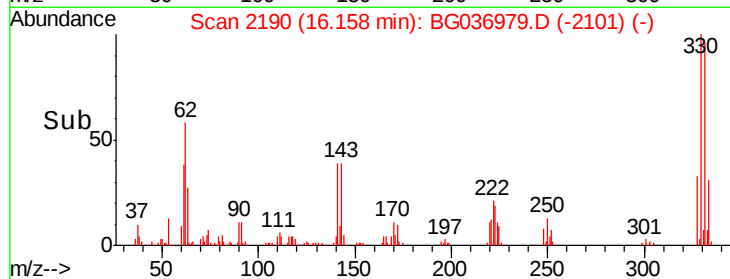
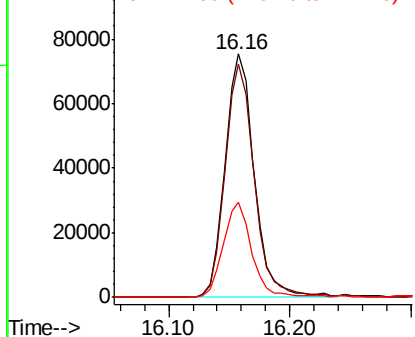
#41
 2,4,6-Tribromophenol
 Concen: 86.112 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.2
141	38.0	30.7	46.1

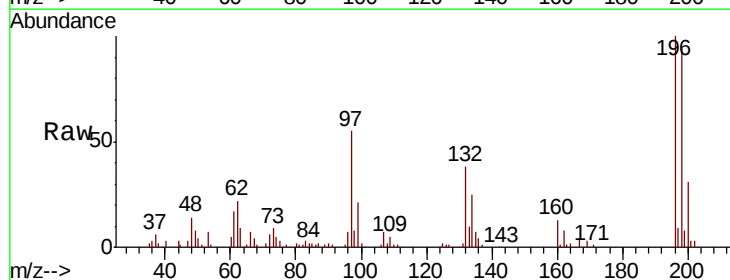


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

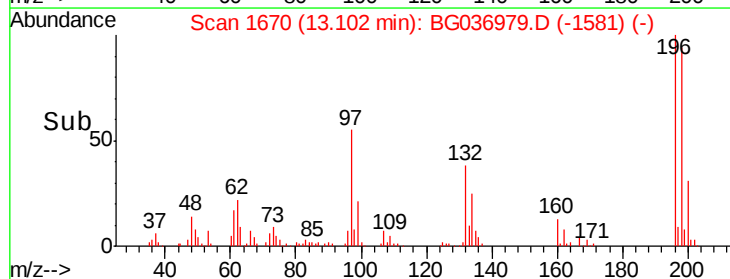
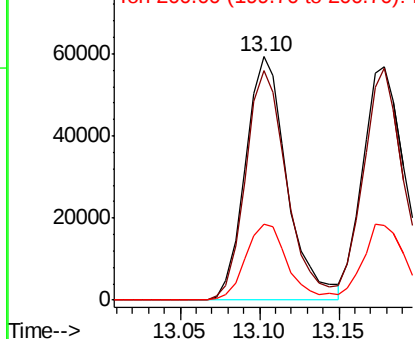


#42
 2,4,6-Trichlorophenol
 Concen: 45.684 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	77.2	115.8
200	31.4	26.3	39.5



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

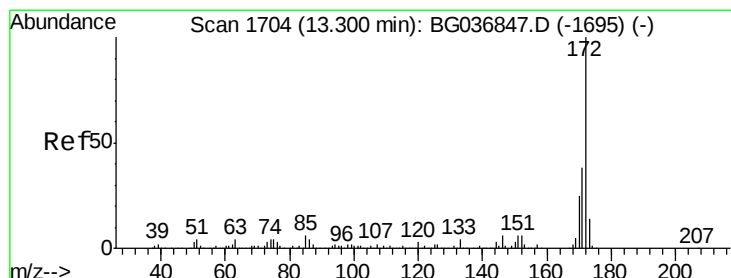
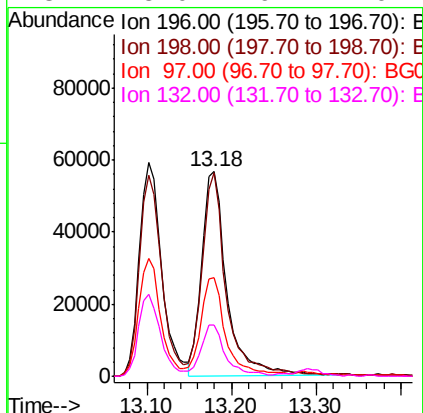
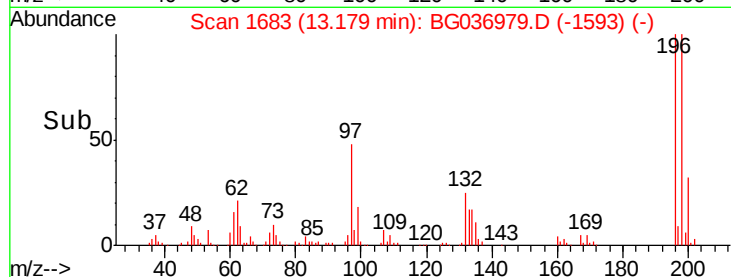
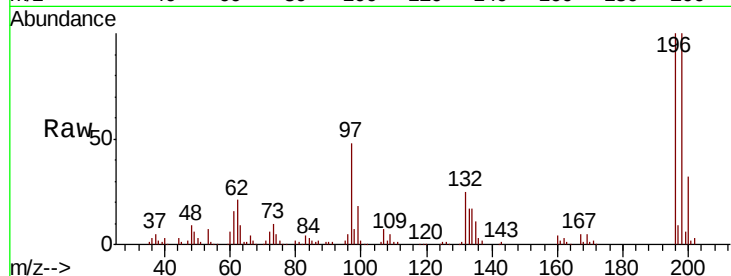




#43
 2,4,5-Trichlorophenol
 Concen: 45.745 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

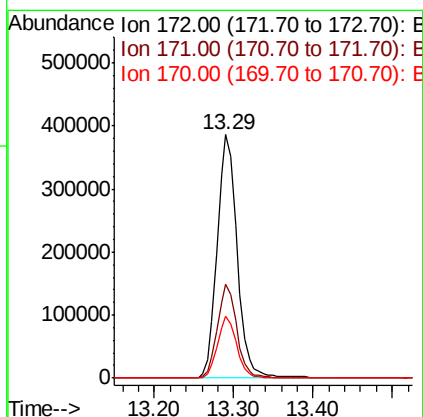
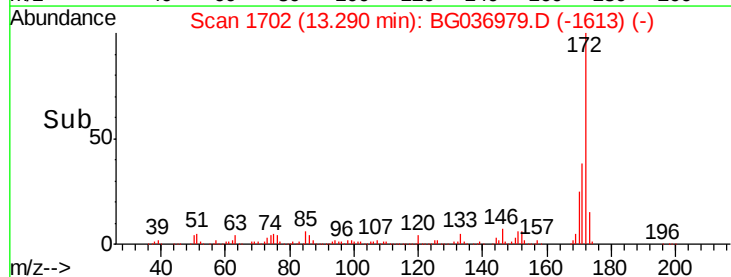
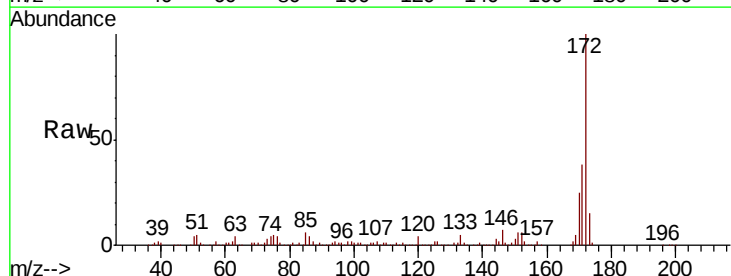
Instrument :
 BNA_F
 ClientSampleId :

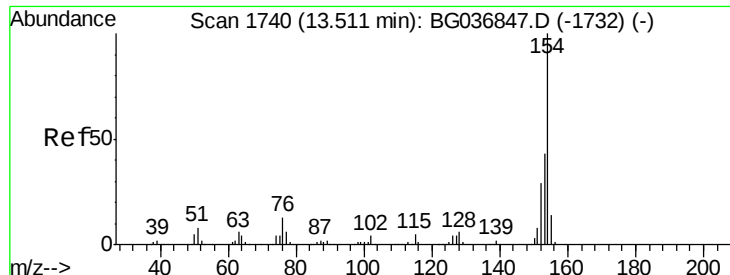
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.9	75.6	113.4
97	48.4	37.2	55.8
132	25.0	19.4	29.2



#44
 2-Fluorobiphenyl
 Concen: 81.742 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	25.2	21.0	31.6

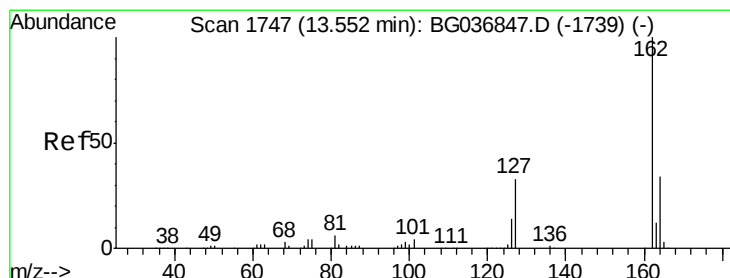
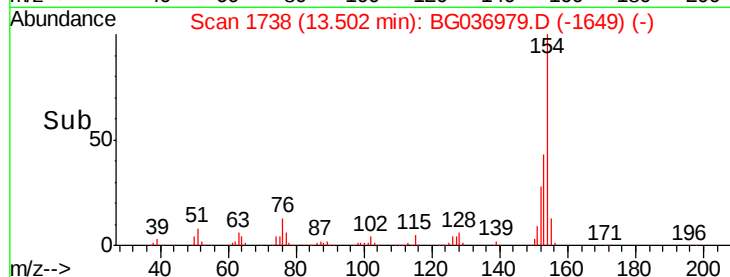
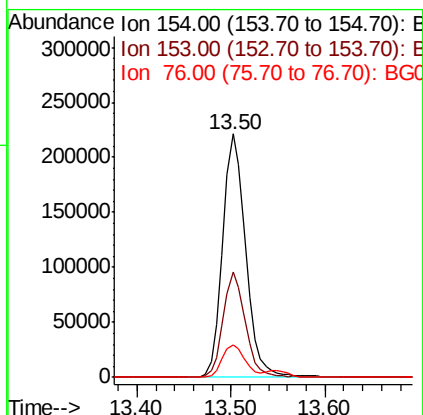
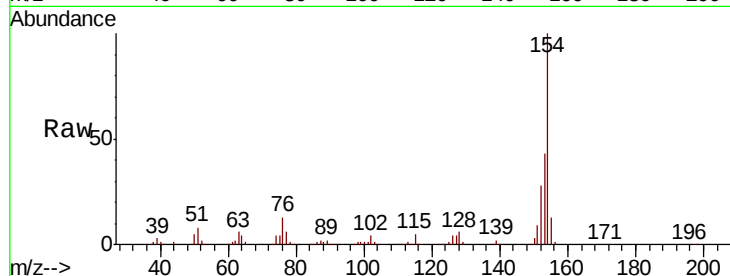




#45
 1,1'-Biphenyl
 Concen: 40.349 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

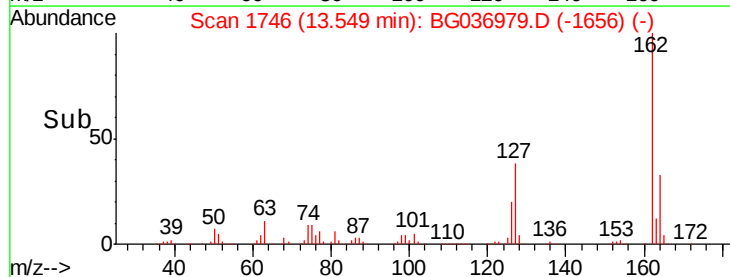
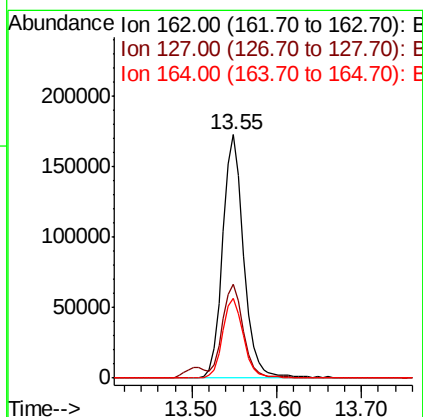
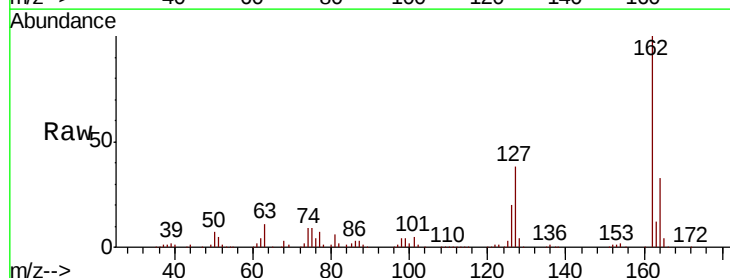
Instrument :
 BNA_F
 ClientSampled :

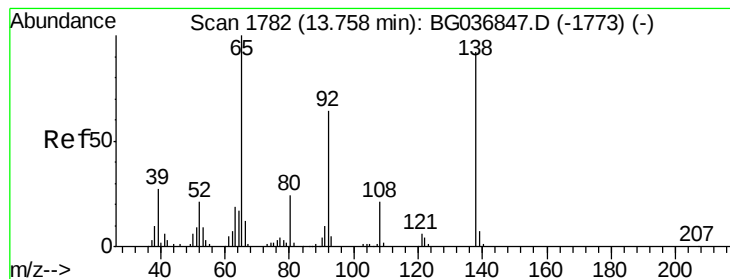
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.1	24.0	64.0
76	13.4	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 40.359 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.5	30.7	46.1
164	32.7	26.7	40.1





#47

2-Nitroaniline

Concen: 43.875 ng

RT: 13.75 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

Instrument :

BNA_F

ClientSampleId :

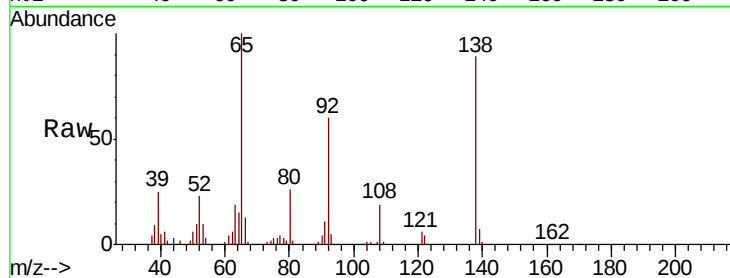
Tot Ion: 65 Resp: 112282

Ion Ratio Lower Upper

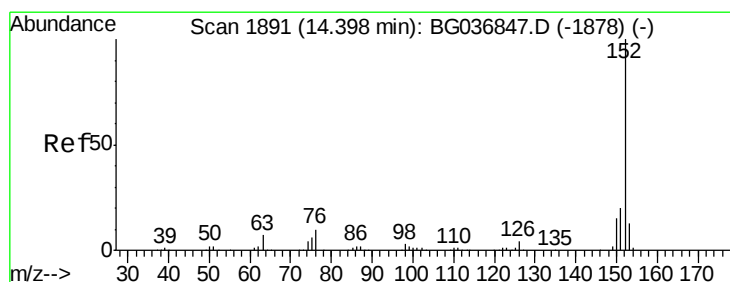
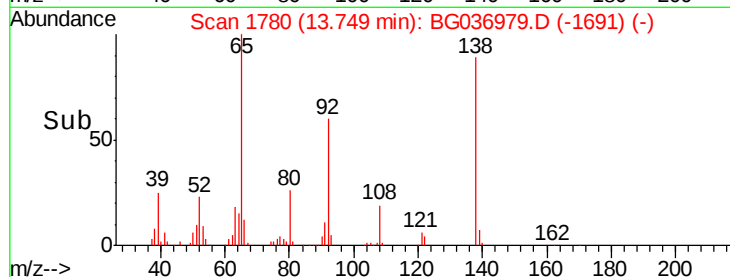
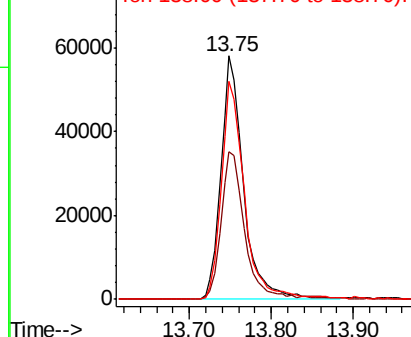
65 100

92 60.5 49.9 74.9

138 89.4 76.2 114.4



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): BGC



#48

Acenaphthylene

Concen: 40.890 ng

RT: 14.39 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

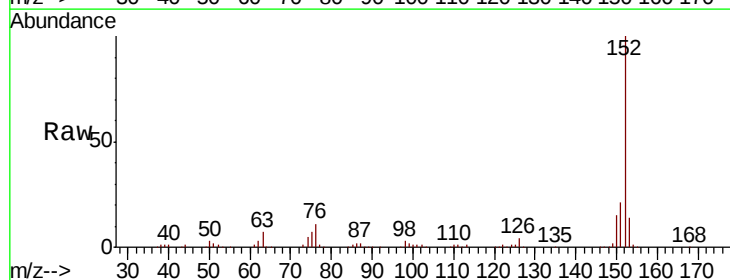
Tgt Ion: 152 Resp: 474081

Ion Ratio Lower Upper

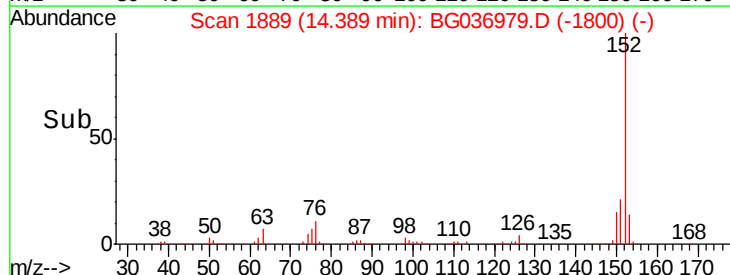
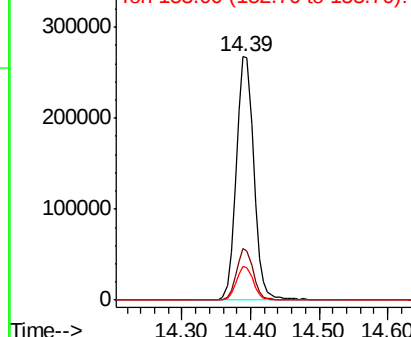
152 100

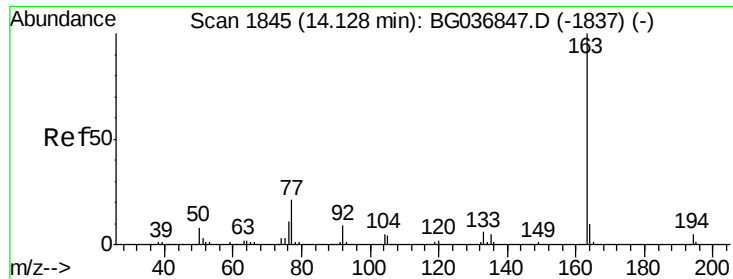
151 21.0 16.9 25.3

153 14.0 11.2 16.8



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

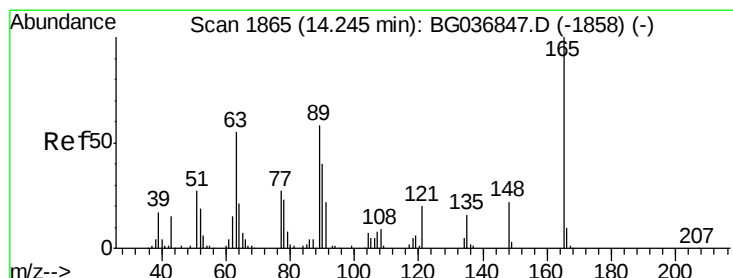
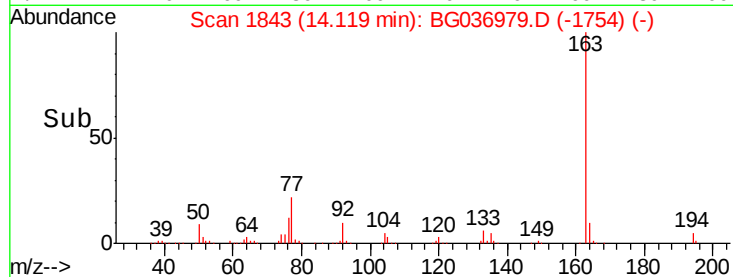
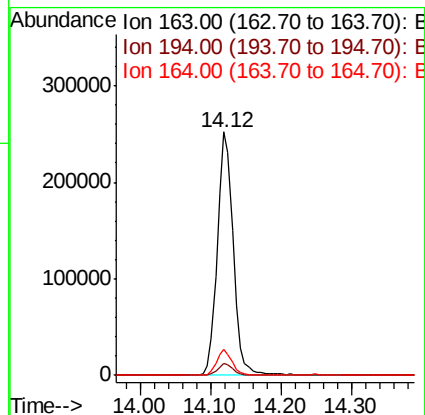
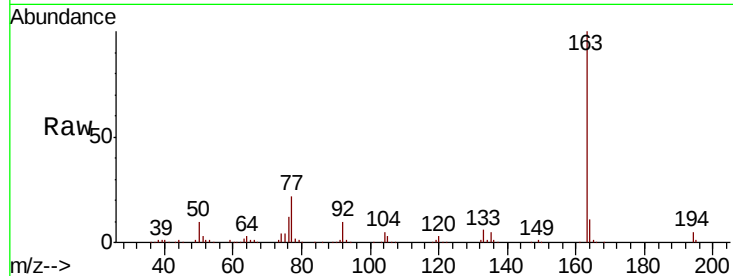




#49
Dimethylphthalate
Concen: 39.976 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

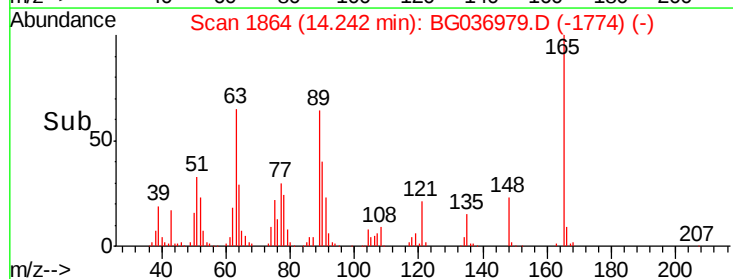
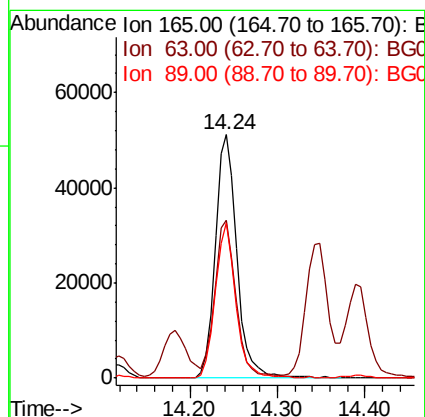
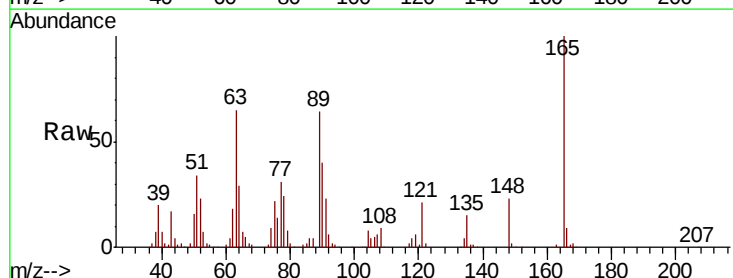
Instrument :
BNA_F
ClientSampled :

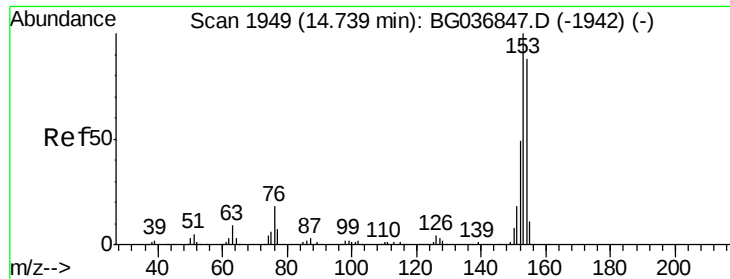
Tot Ion:163 Resp: 395291
Ion Ratio Lower Upper
163 100
194 4.8 4.0 6.0
164 10.8 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 40.520 ng
RT: 14.24 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

Tgt Ion:165 Resp: 87420
Ion Ratio Lower Upper
165 100
63 64.7 50.1 75.1
89 63.9 47.8 71.6





#51

Acenaphthene

Concen: 40.012 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

Instrument :

BNA_F

ClientSampleId :

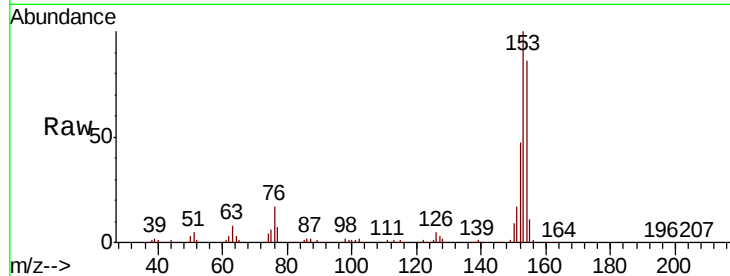
Tot Ion:154 Resp: 280369

Ion Ratio Lower Upper

154 100

153 116.9 91.8 137.6

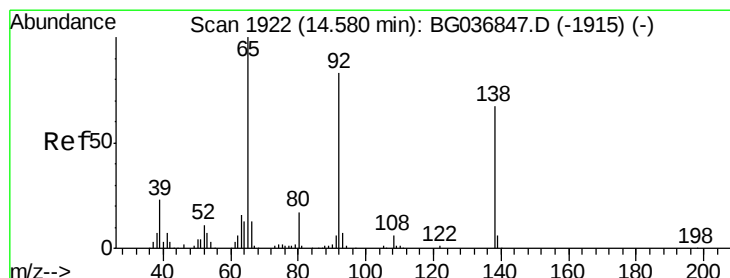
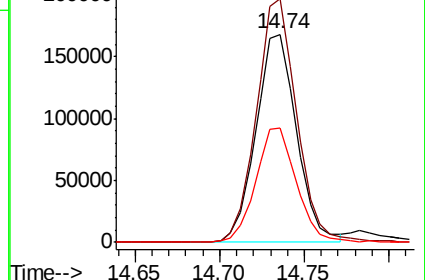
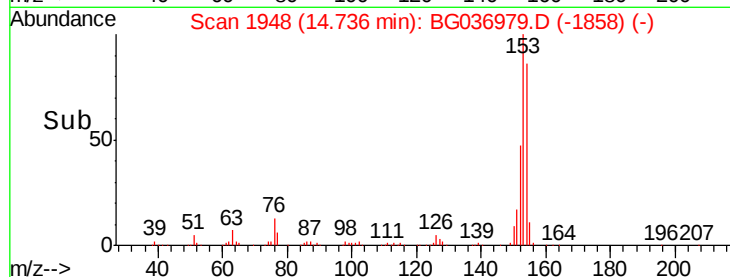
152 54.7 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.243 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

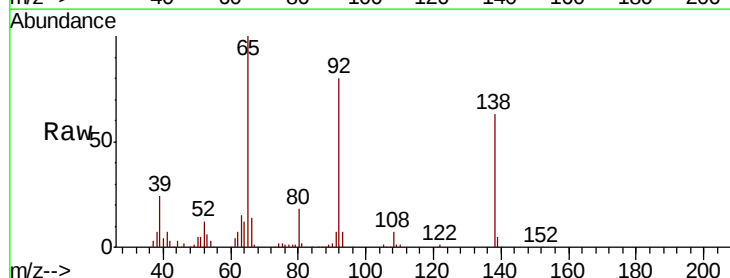
Tgt Ion:138 Resp: 93762

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.2

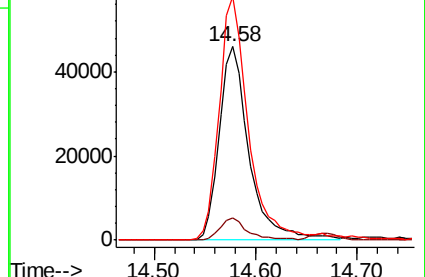
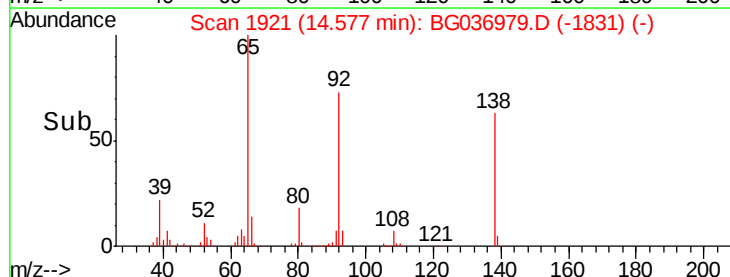
92 125.8 96.8 145.2

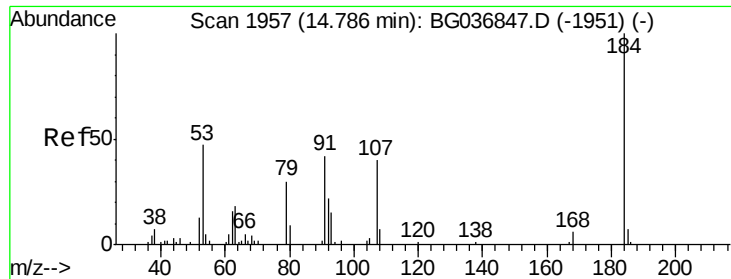


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

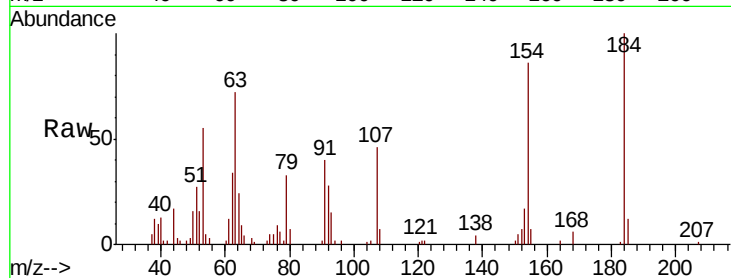




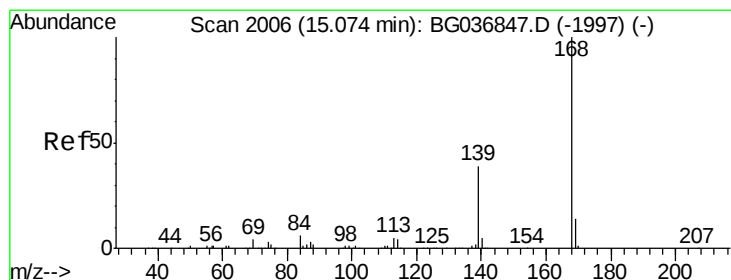
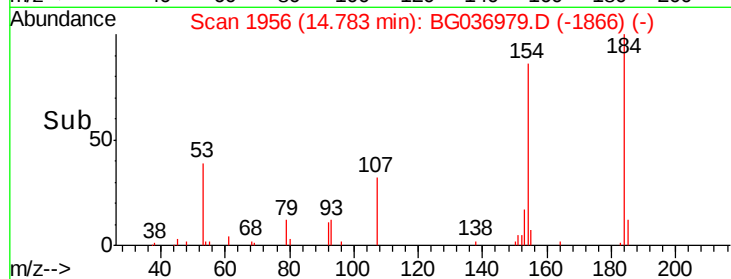
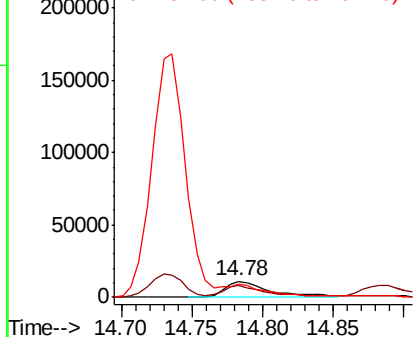
#53
 2,4-Dinitrophenol
 Concen: 29.747 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 24704
 Ion Ratio Lower Upper
 184 100
 63 72.4 47.3 70.9#
 154 86.0 51.1 76.7#

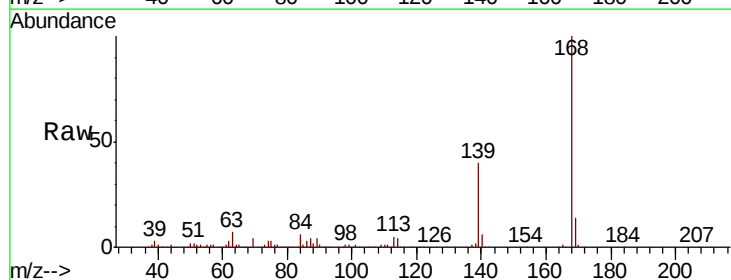


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

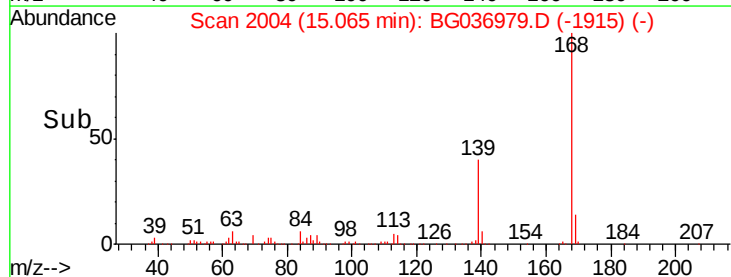
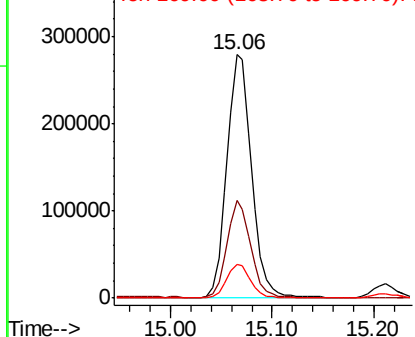


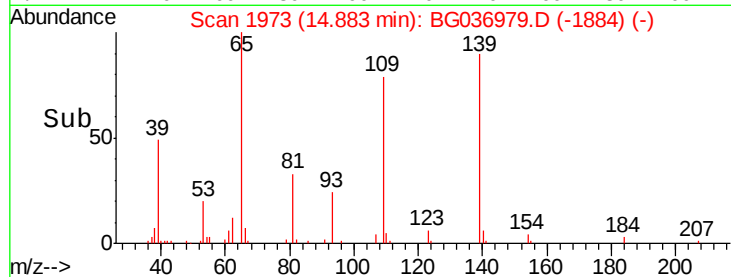
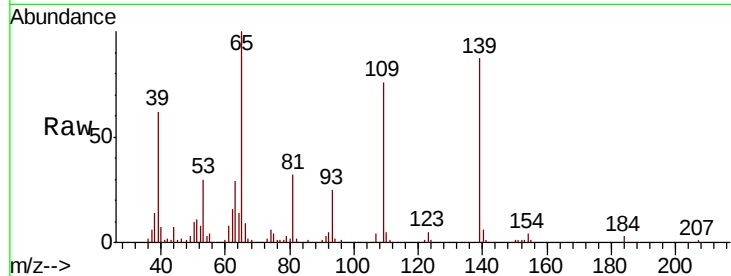
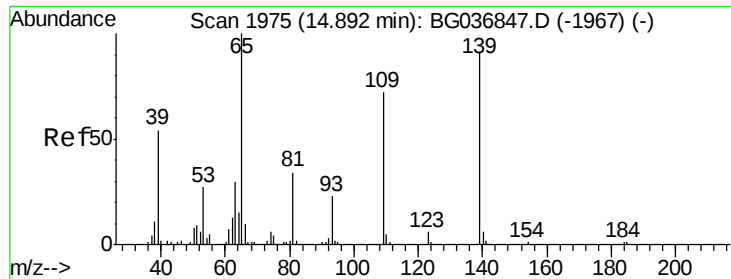
#54
 Dibenzofuran
 Concen: 39.897 ng
 RT: 15.06 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Tgt Ion:168 Resp: 472871
 Ion Ratio Lower Upper
 168 100
 139 40.2 31.0 46.6
 169 13.9 11.1 16.7



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

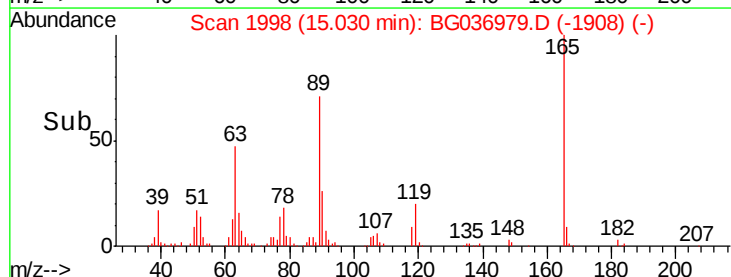
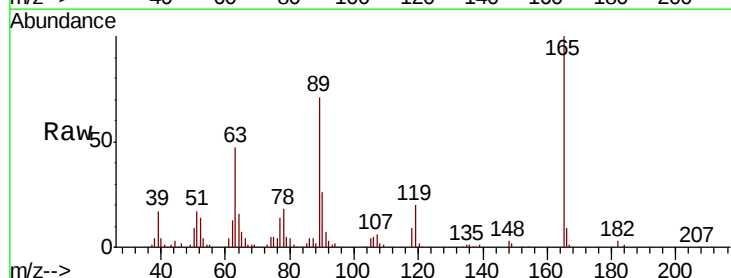
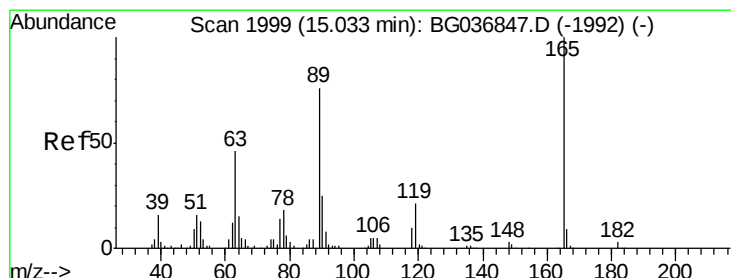
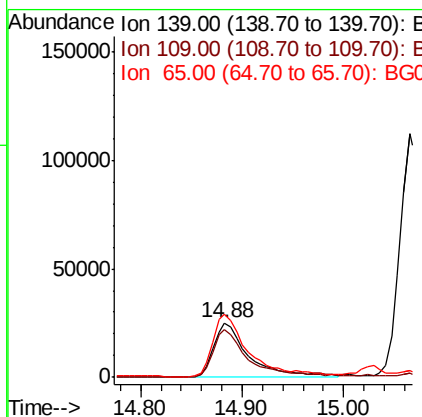




#55
4-Nitrophenol
Concen: 42.300 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

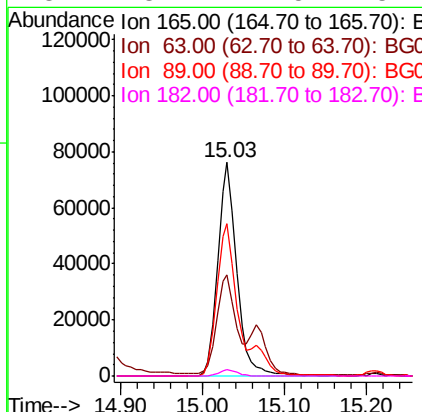
Instrument :
BNA_F
ClientSampled :

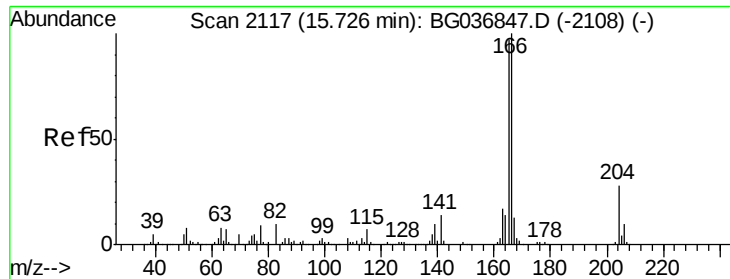
Tot Ion:139 Resp: 61434
Ion Ratio Lower Upper
139 100
109 87.3 63.9 103.9
65 114.5 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 41.159 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

Tgt Ion:165 Resp: 123908
Ion Ratio Lower Upper
165 100
63 47.3 40.1 60.1
89 71.4 63.7 95.5
182 3.1 2.5 3.7

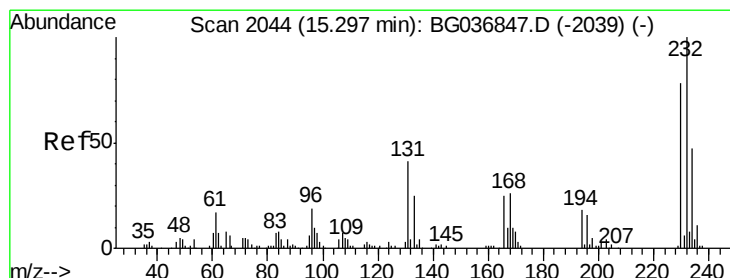
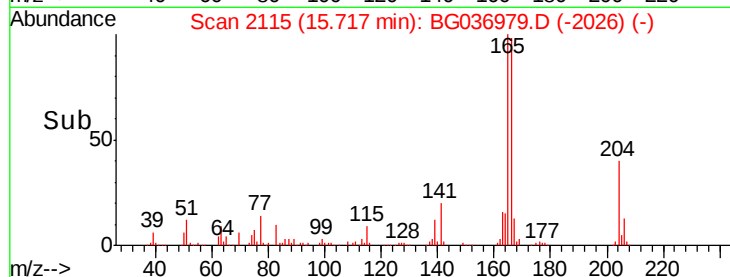
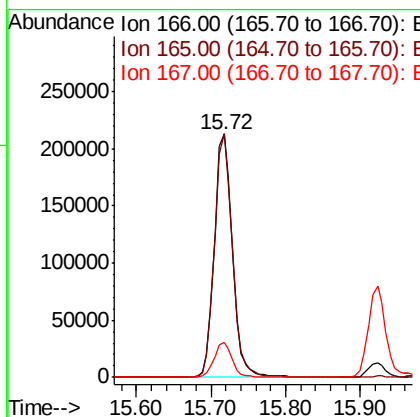
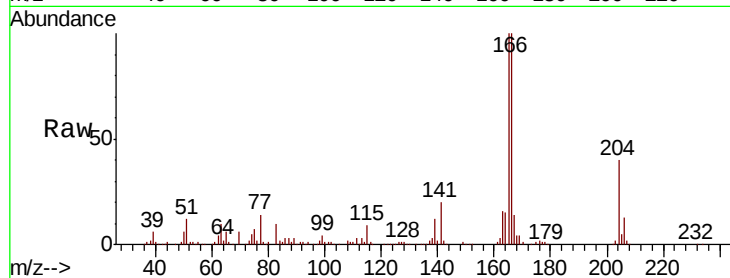




#57
 Fluorene
 Concen: 40.246 ng
 RT: 15.72 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

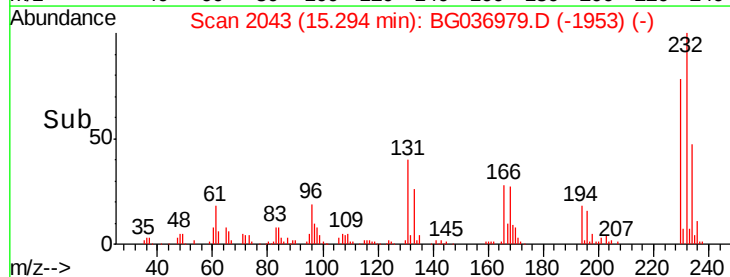
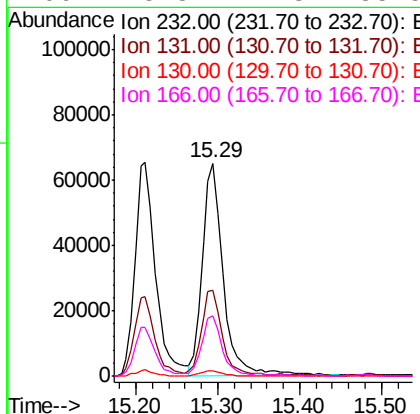
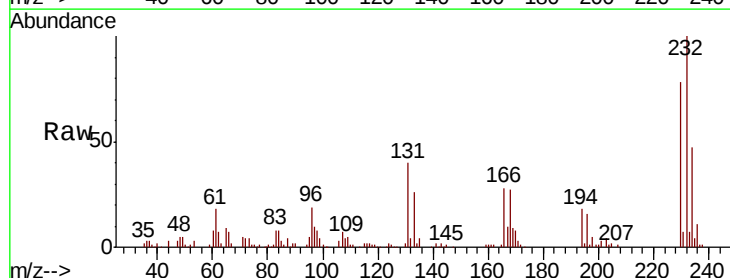
Instrument :
 BNA_F
 ClientSampleId :

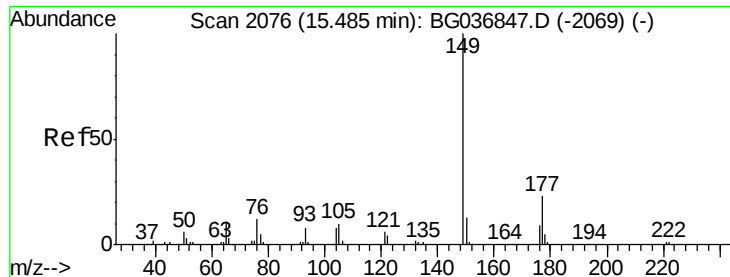
Tot Ion:166 Resp: 356535
 Ion Ratio Lower Upper
 166 100
 165 100.2 77.0 115.4
 167 14.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.644 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Tgt Ion:232 Resp: 114899
 Ion Ratio Lower Upper
 232 100
 131 39.3 33.8 50.8
 130 2.5 2.1 3.1
 166 28.8 22.3 33.5





#59

Diethylphthalate

Concen: 39.819 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

Instrument :

BNA_F

ClientSampleId :

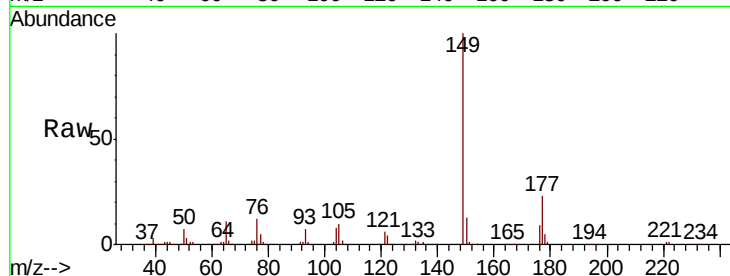
Tot Ion:149 Resp: 397130

Ion Ratio Lower Upper

149 100

177 23.2 19.1 28.7

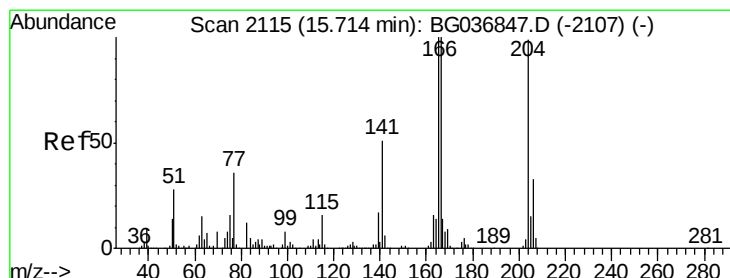
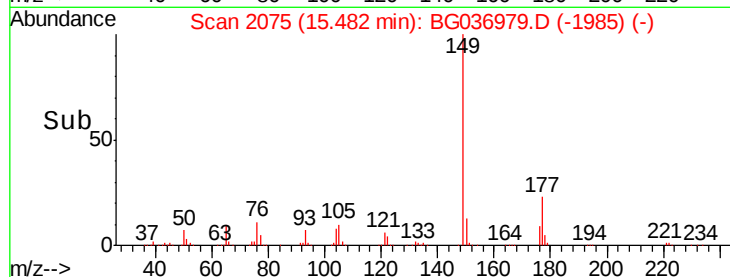
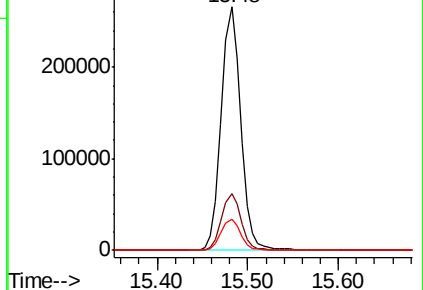
150 12.9 10.7 16.1



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



#60

4-Chlorophenyl-phenylether

Concen: 39.867 ng

RT: 15.71 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

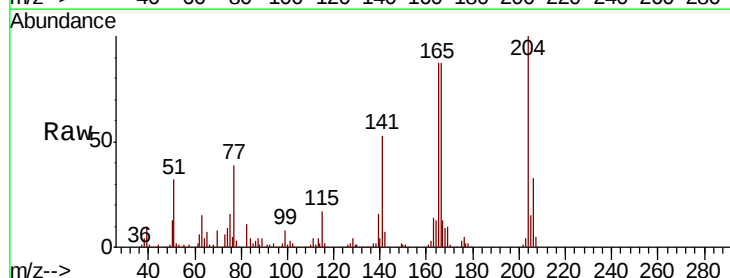
Tgt Ion:204 Resp: 223666

Ion Ratio Lower Upper

204 100

206 33.0 27.0 40.4

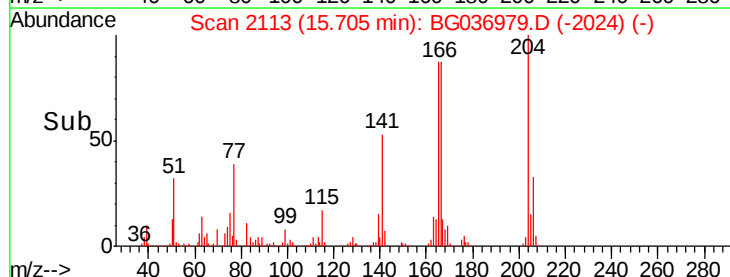
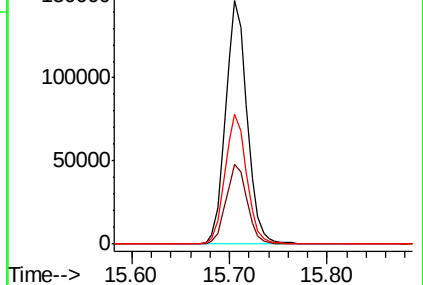
141 53.4 43.8 65.6

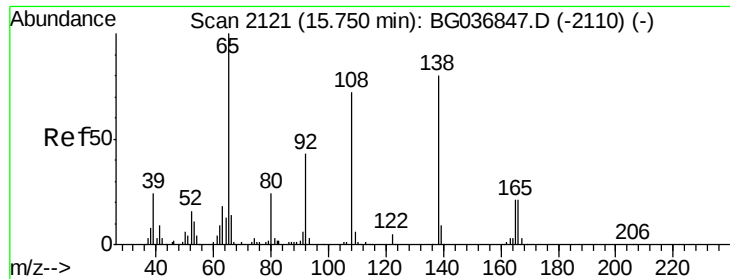


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

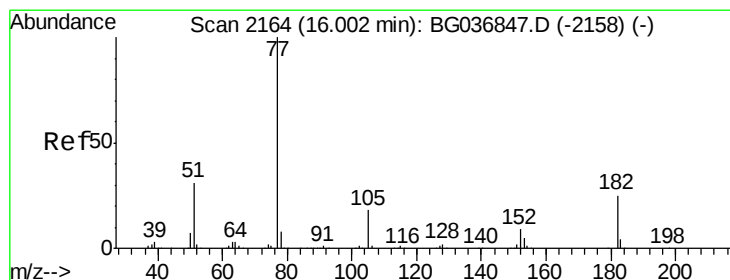
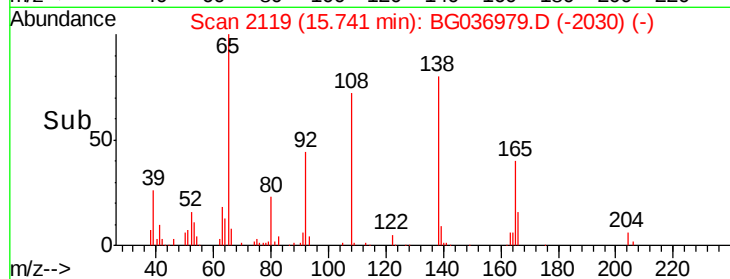
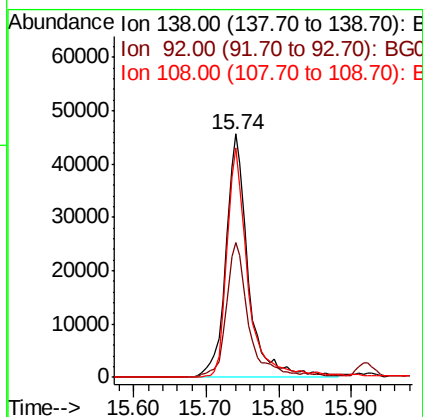
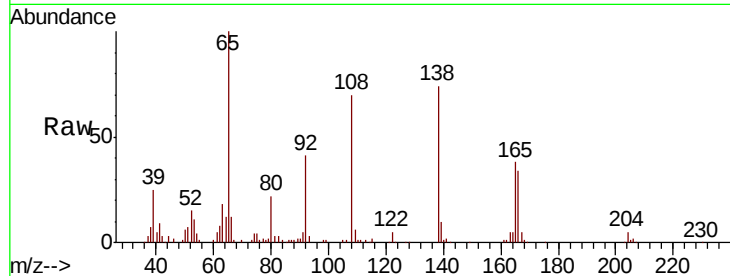




#61
4-Nitroaniline
Concen: 40.907 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

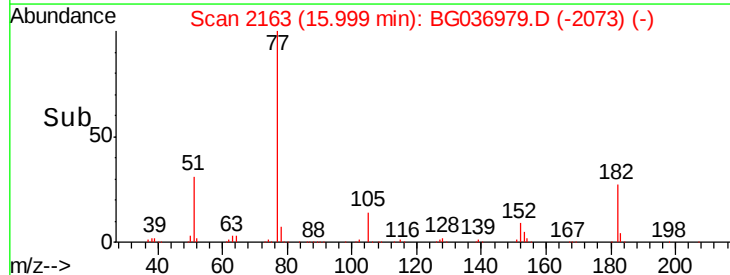
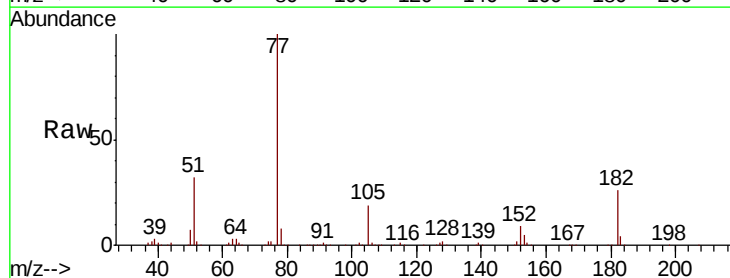
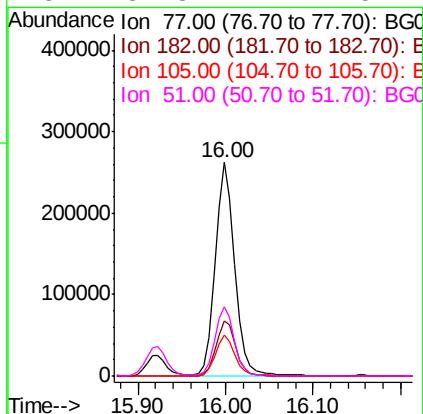
Instrument :
BNA_F
ClientSampleId :

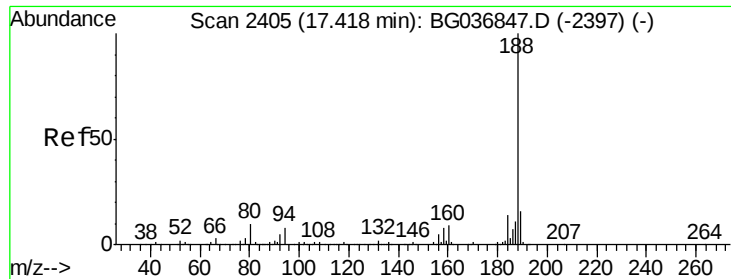
Tot Ion:138 Resp: 97822
Ion Ratio Lower Upper
138 100
92 55.2 38.5 78.5
108 94.3 70.3 110.3



#62
Azobenzene
Concen: 41.864 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

Tgt Ion: 77 Resp: 401180
Ion Ratio Lower Upper
77 100
182 26.0 6.7 46.7
105 19.0 0.0 39.8
51 32.3 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.00 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

Instrument :

BNA_F

ClientSampleId :

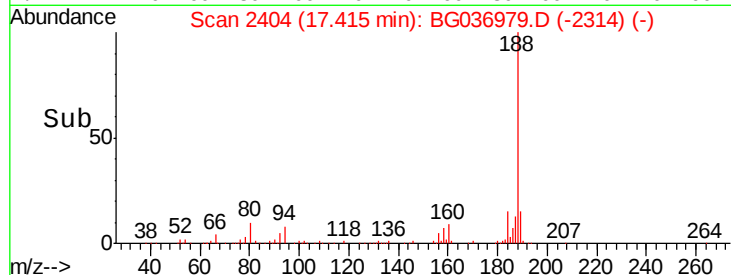
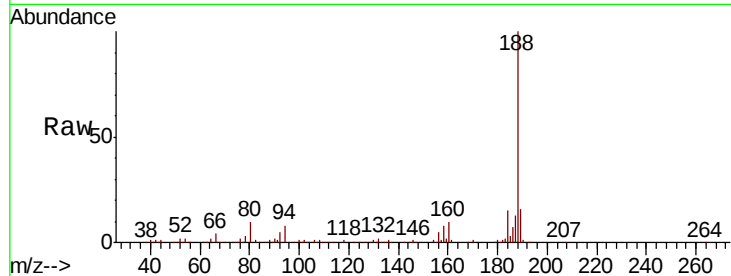
Tot Ion:188 Resp: 308451

Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

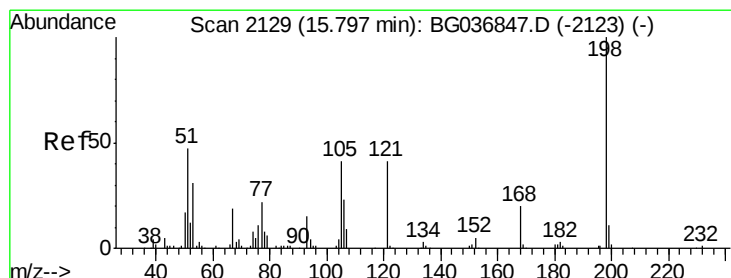
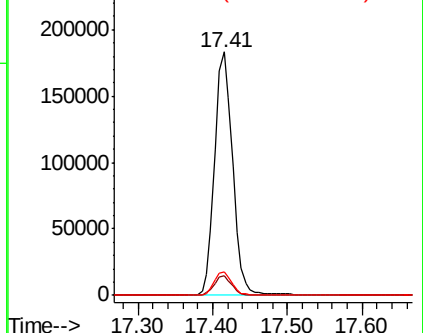
80 9.7 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 40.144 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

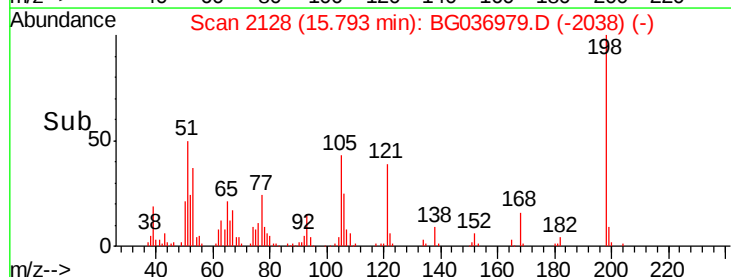
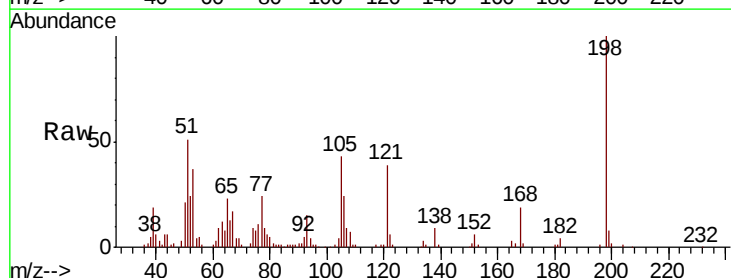
Tgt Ion:198 Resp: 64737

Ion Ratio Lower Upper

198 100

51 50.7 26.5 66.5

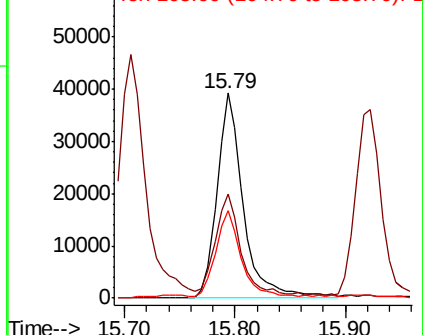
105 42.6 20.2 60.2

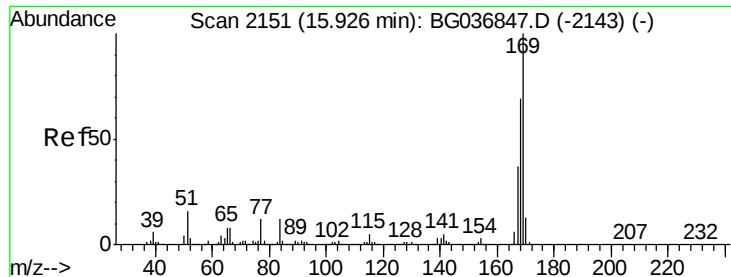


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

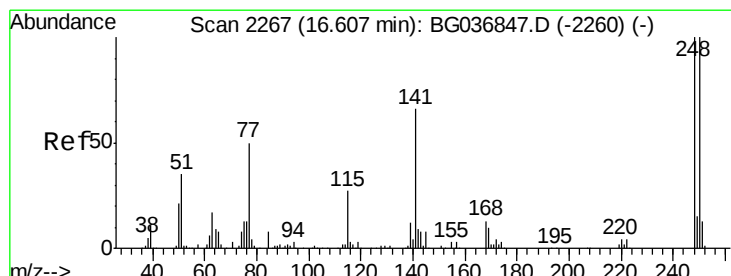
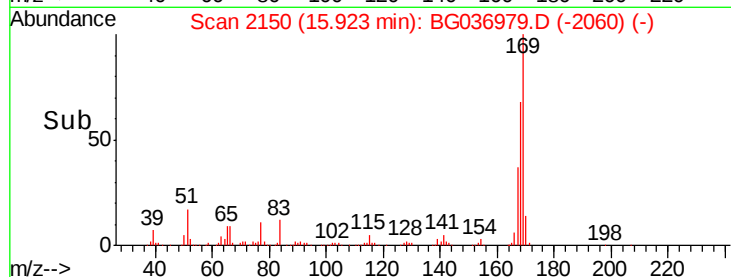
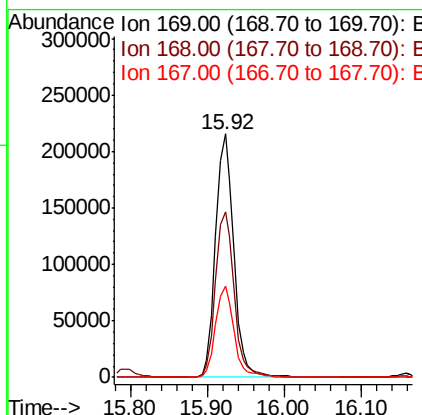
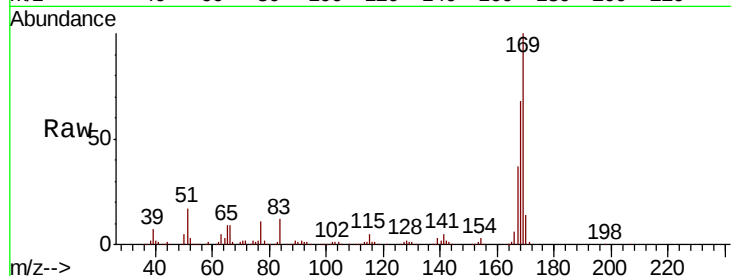




#65
 n-Nitrosodiphenylamine
 Concen: 41.193 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

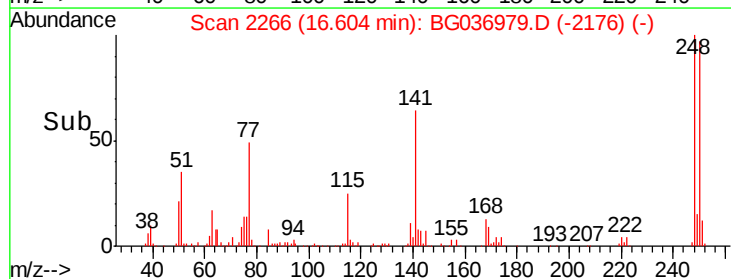
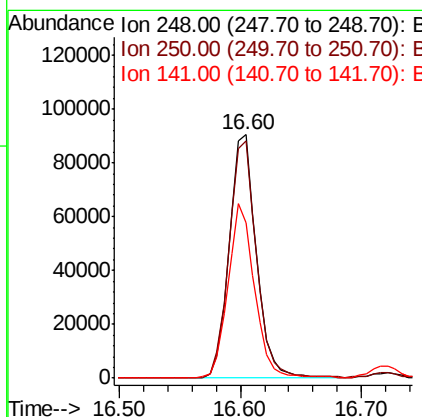
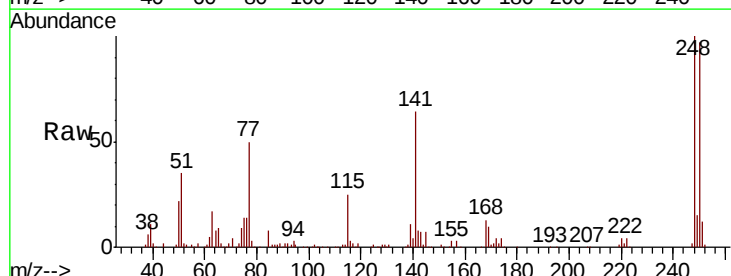
Instrument :
 BNA_F
 ClientSampled :

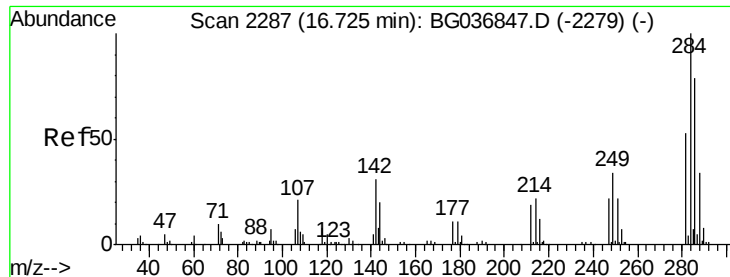
Tot Ion	169	Resp	350779
Ion Ratio	100	Lower	Upper
168	67.9	57.6	86.4
167	37.3	31.0	46.4



#66
 4-Bromophenyl-phenylether
 Concen: 40.440 ng
 RT: 16.60 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Tgt Ion	248	Resp	141883
Ion Ratio	100	Lower	Upper
250	97.2	78.1	117.1
141	63.9	53.7	80.5

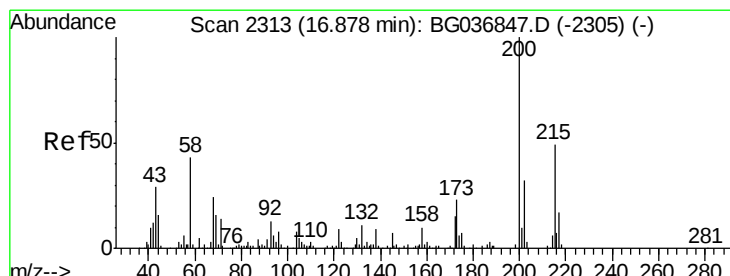
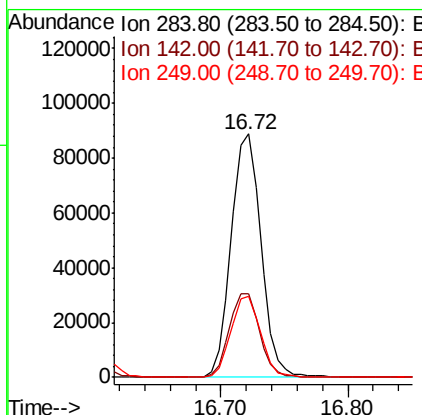
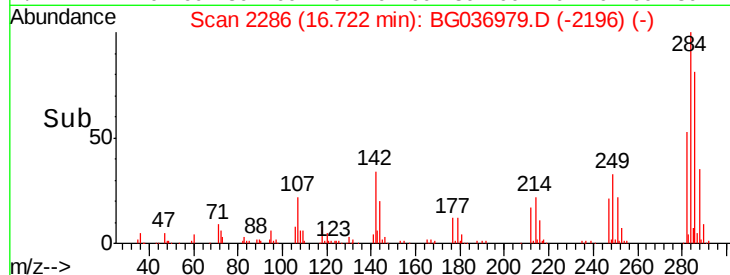
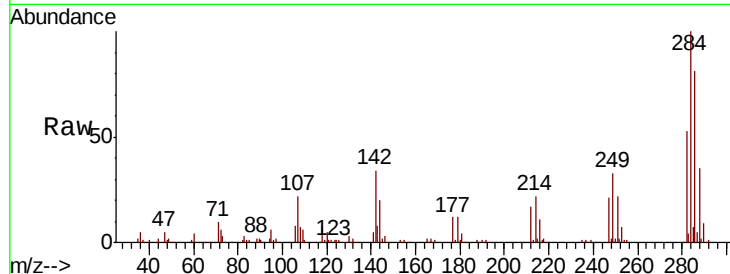




#67
Hexachlorobenzene
Concen: 40.070 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

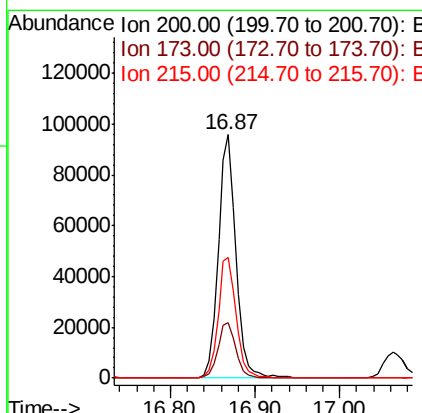
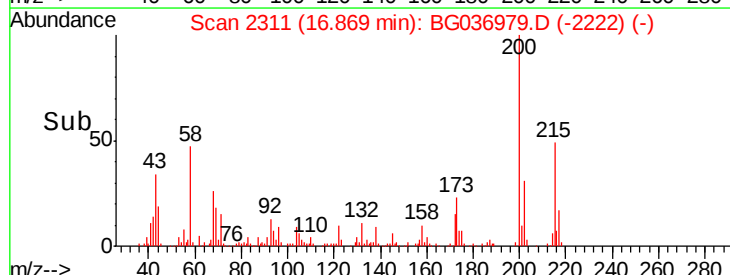
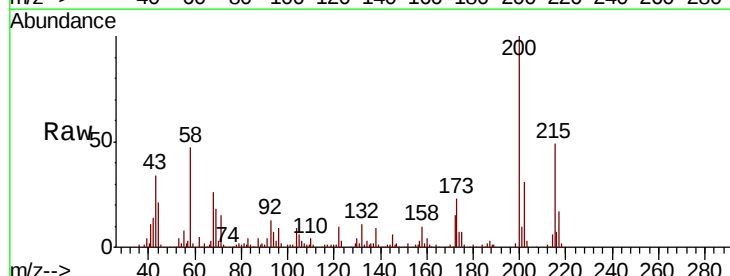
Instrument :
BNA_F
ClientSampled :

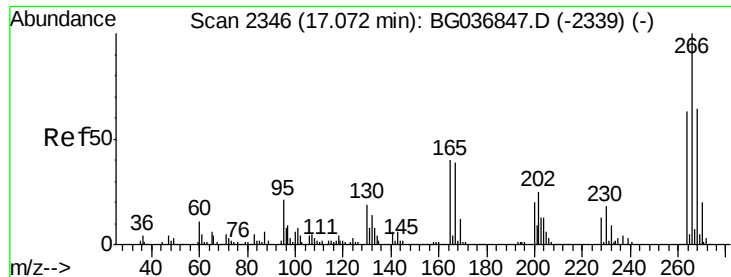
Tot Ion	Ratio	Lower	Upper
284	100		
142	34.2	27.8	41.6
249	33.3	27.4	41.2



#68
Atrazine
Concen: 40.549 ng
RT: 16.87 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.7	3.9	43.9
215	49.3	30.4	70.4





#69

Pentachlorophenol

Concen: 41.868 ng

RT: 17.06 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

Instrument :

BNA_F

ClientSampleId :

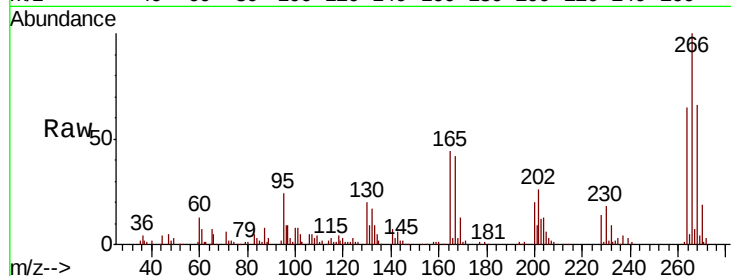
Tot Ion:266 Resp: 95251

Ion Ratio Lower Upper

266 100

268 65.9 51.4 77.2

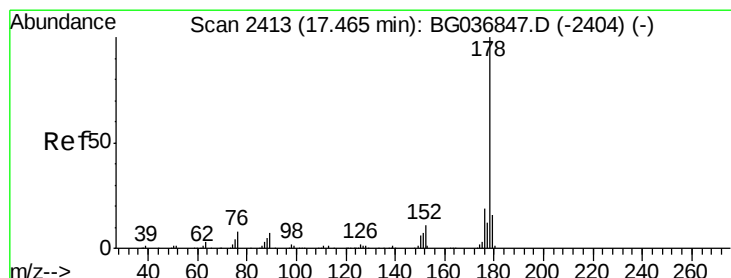
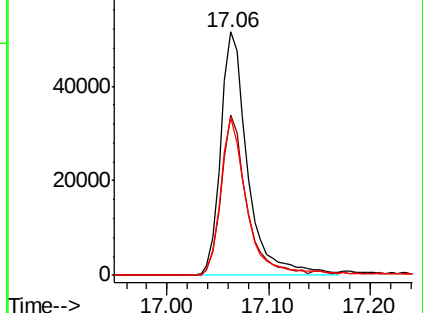
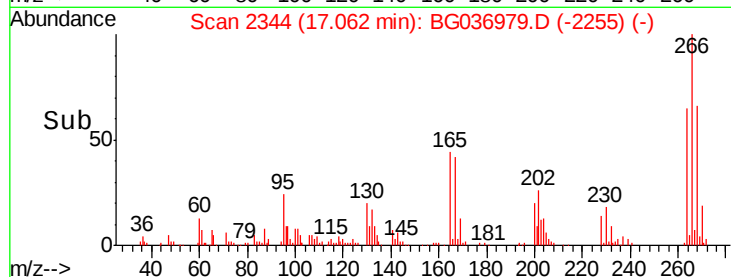
264 64.8 48.9 73.3



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



#70

Phenanthrene

Concen: 40.811 ng

RT: 17.46 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

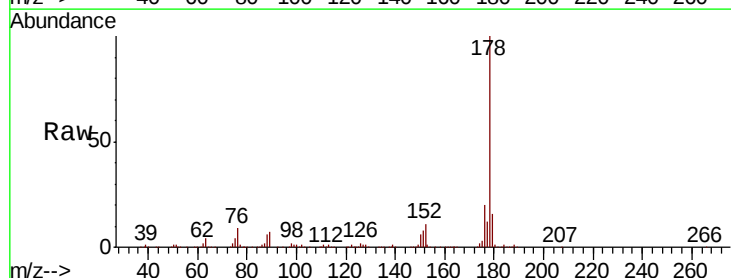
Tgt Ion:178 Resp: 606611

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.2

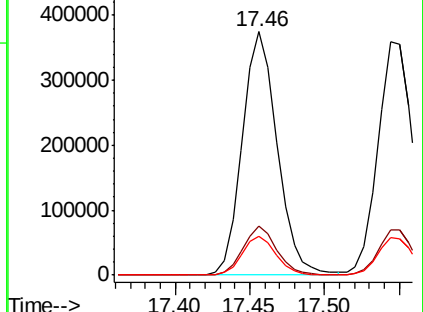
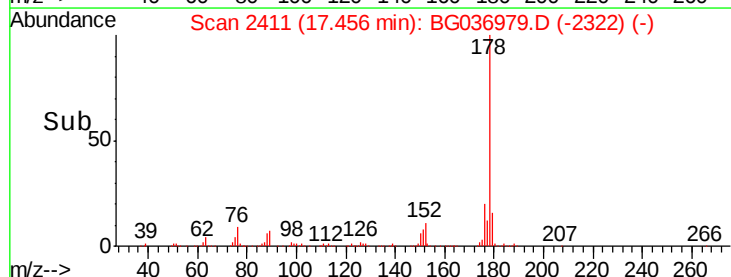
179 16.0 13.4 20.2

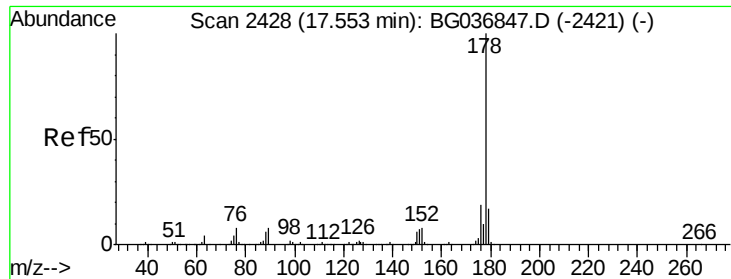


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

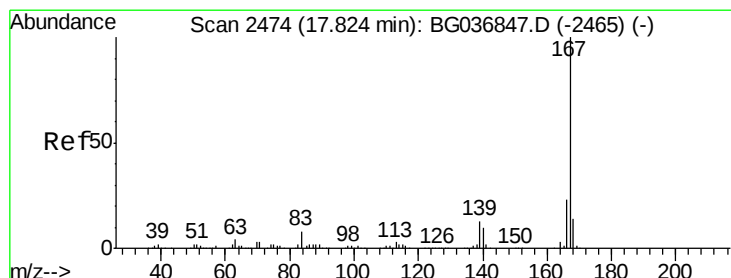
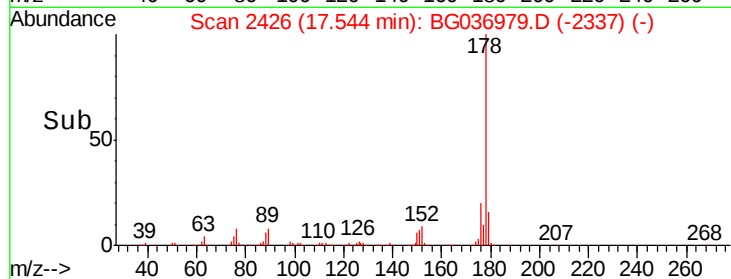
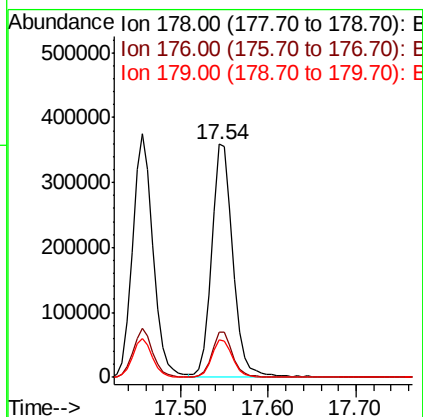
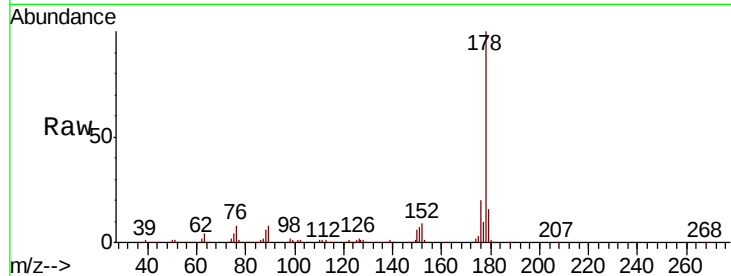




#71
 Anthracene
 Concen: 41.244 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

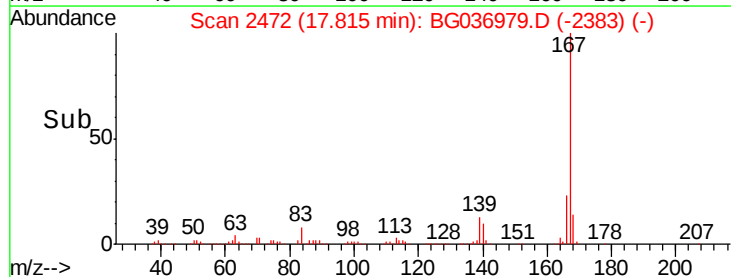
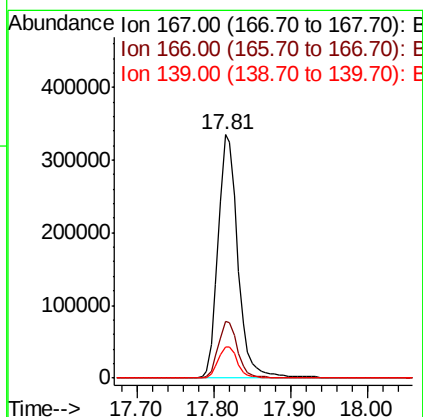
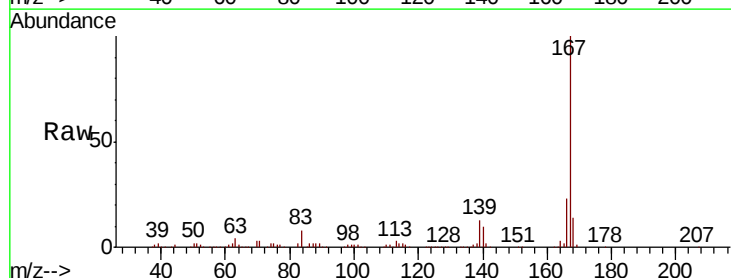
Instrument :
 BNA_F
 ClientSampleId :

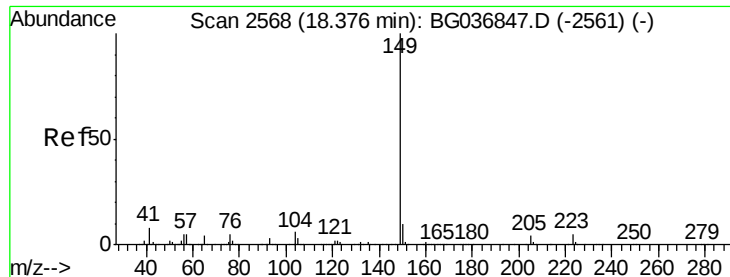
Tot Ion:178 Resp: 606191
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 16.0 13.0 19.4



#72
 Carbazole
 Concen: 41.503 ng
 RT: 17.81 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Tgt Ion:167 Resp: 594755
 Ion Ratio Lower Upper
 167 100
 166 23.5 19.5 29.3
 139 13.0 10.7 16.1

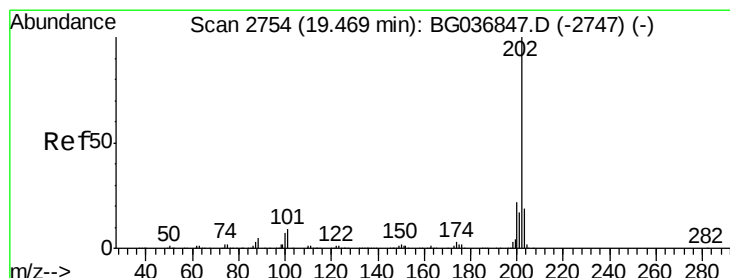
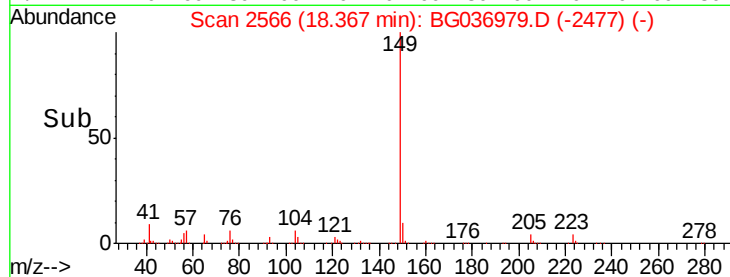
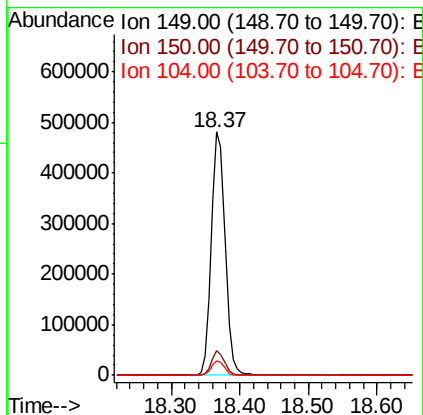
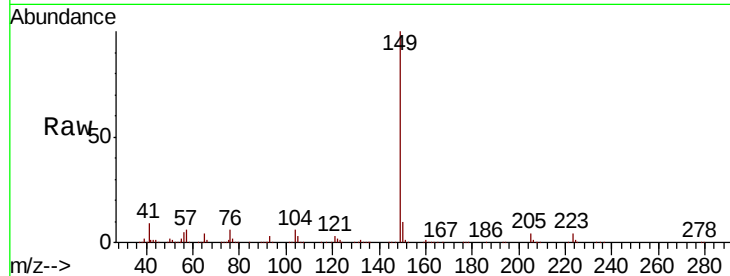




#73
Di-n-butylphthalate
Concen: 42.002 ng
RT: 18.37 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

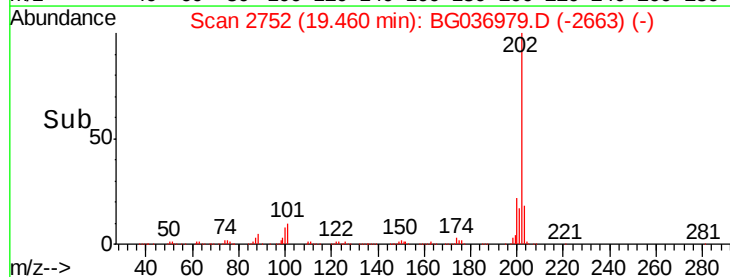
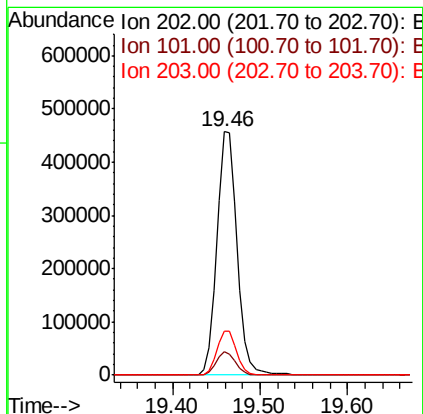
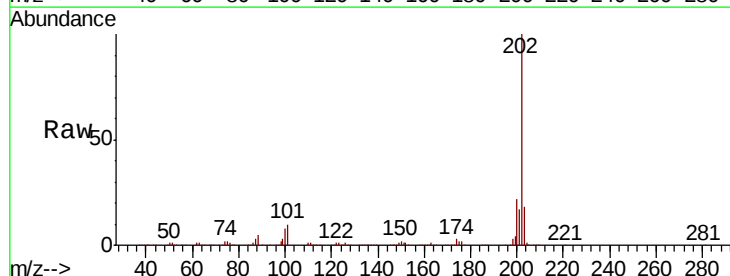
Instrument :
BNA_F
ClientSampleId :

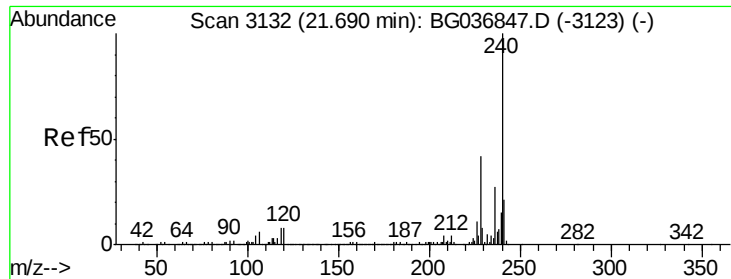
Tot Ion:149 Resp: 668441
Ion Ratio Lower Upper
149 100
150 10.2 8.1 12.1
104 5.7 4.6 6.8



#74
Fluoranthene
Concen: 40.946 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

Tgt Ion:202 Resp: 732611
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.4
203 18.2 0.0 38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

Instrument :

BNA_F

ClientSampleId :

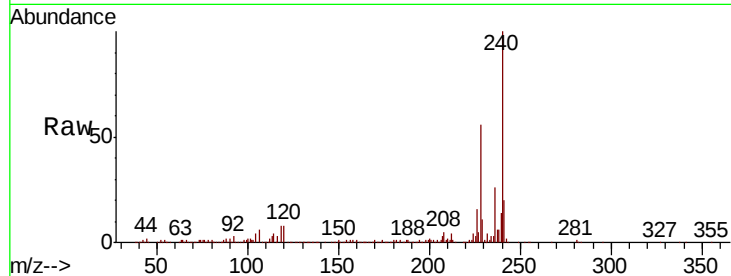
Tot Ion:240 Resp: 317189

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

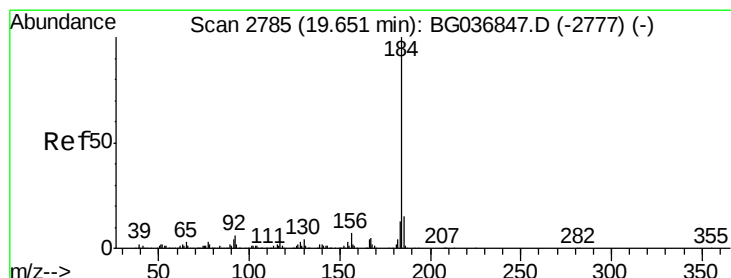
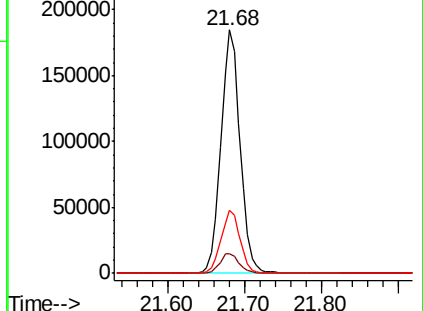
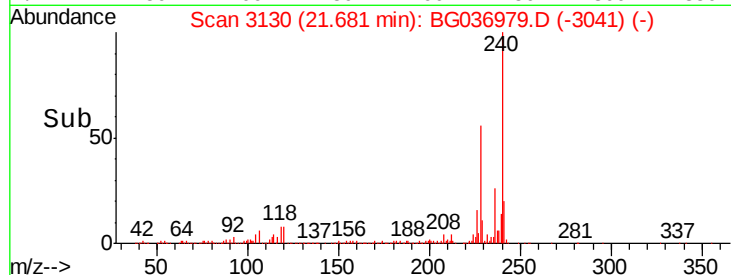
236 25.7 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.832 ng

RT: 19.64 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

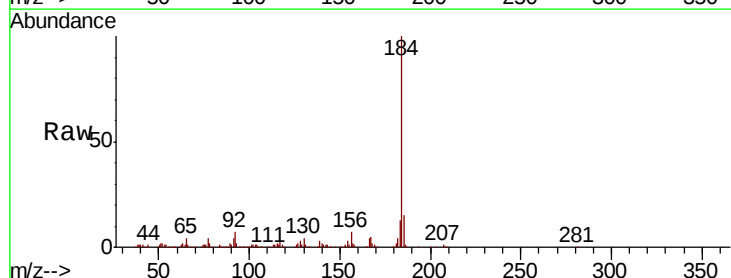
Tgt Ion:184 Resp: 372343

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

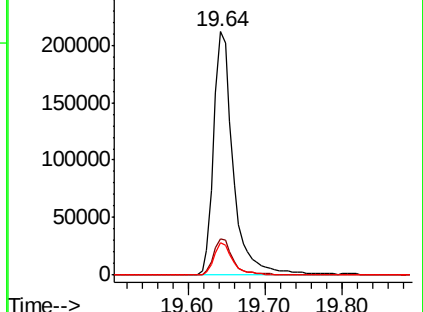
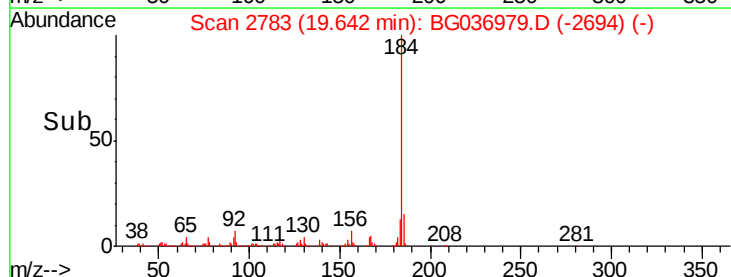
183 13.2 10.9 16.3

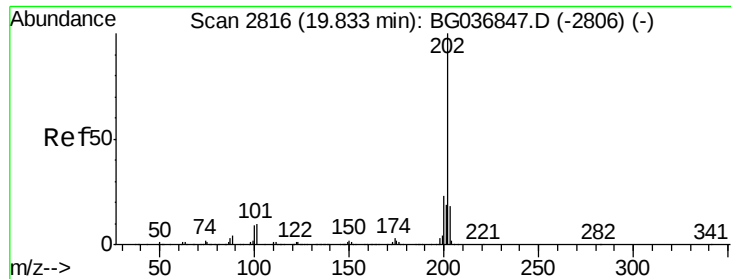


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

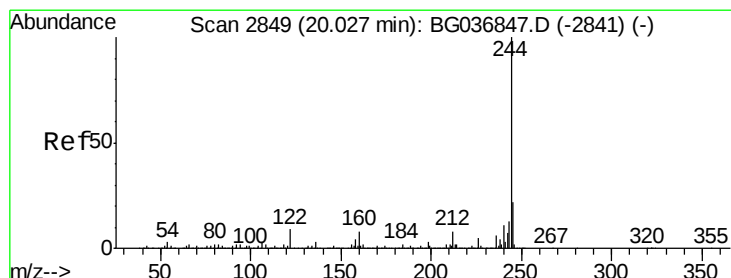
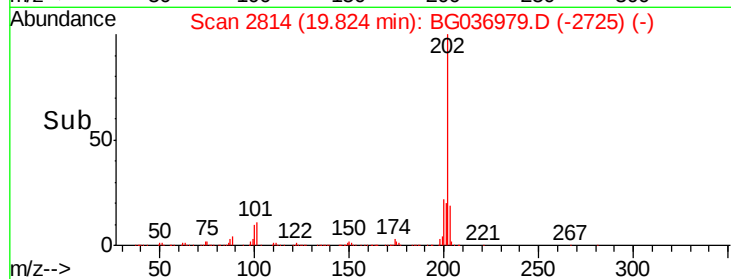
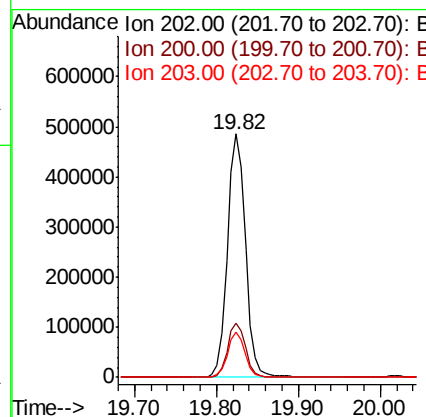
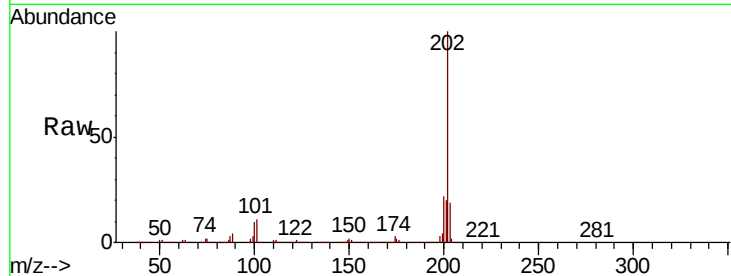




#77
Pvrene
Concen: 39.164 ng
RT: 19.82 min Scan# 2814
Delta R.T. -0.01 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

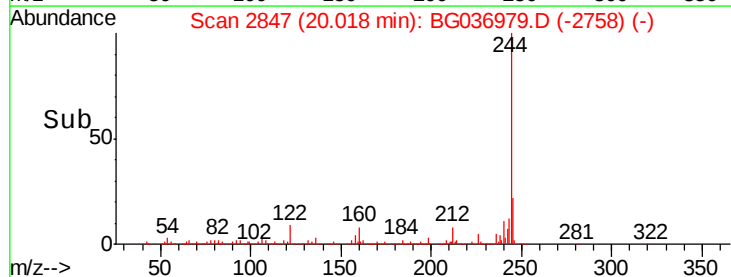
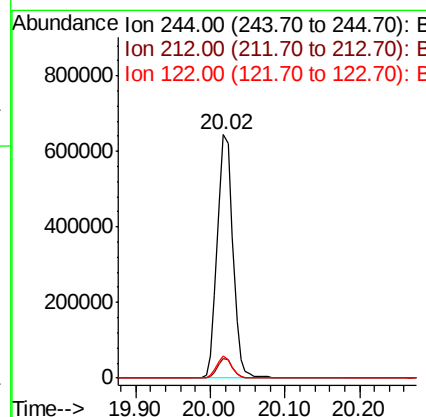
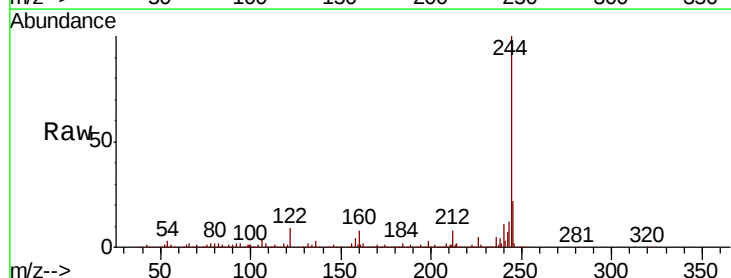
Instrument :
BNA_F
ClientSampleId :

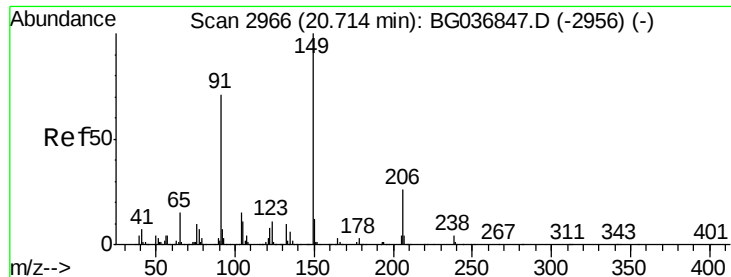
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.3	27.5
203	18.5	15.1	22.7



#78
Terphenyl-d14
Concen: 77.559 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.6
122	9.0	7.1	10.7

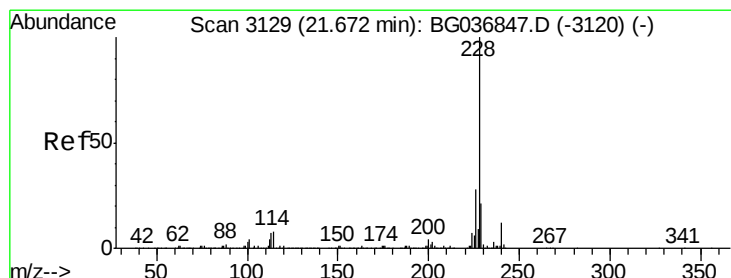
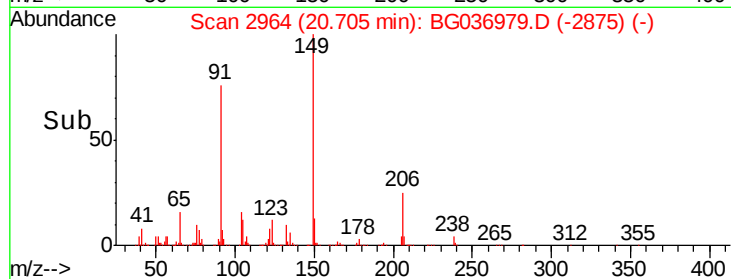
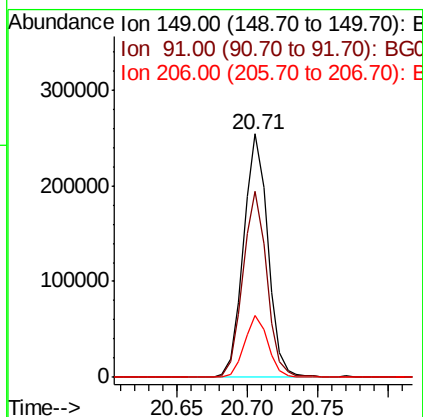
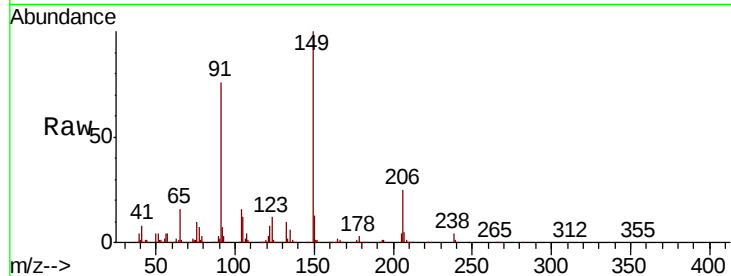




#79
Butylbenzylphthalate
Concen: 40.486 ng
RT: 20.71 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

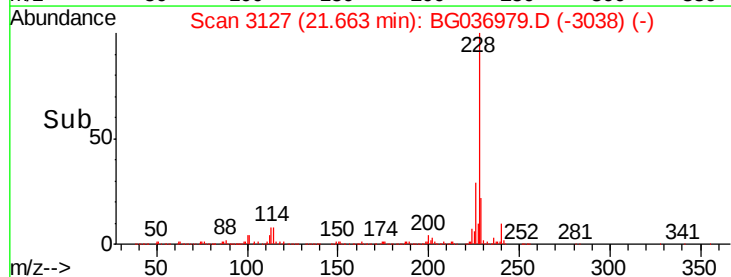
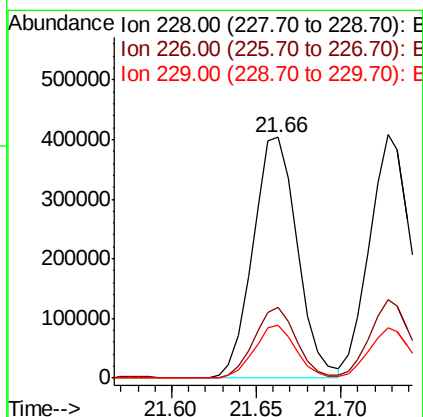
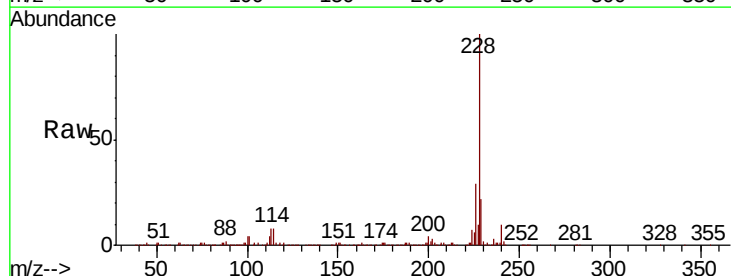
Instrument :
BNA_F
ClientSampleId :

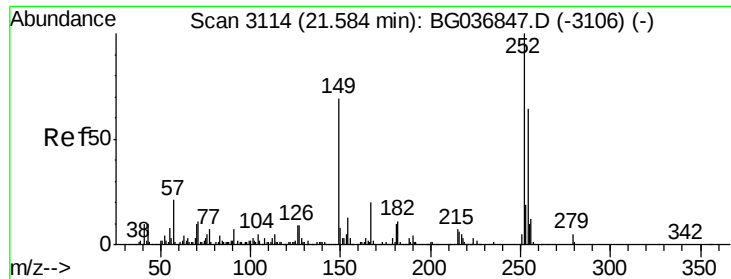
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.2	62.0	93.0
206	25.2	19.6	29.4



#80
Benzo(a)anthracene
Concen: 39.852 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	21.9	17.1	25.7

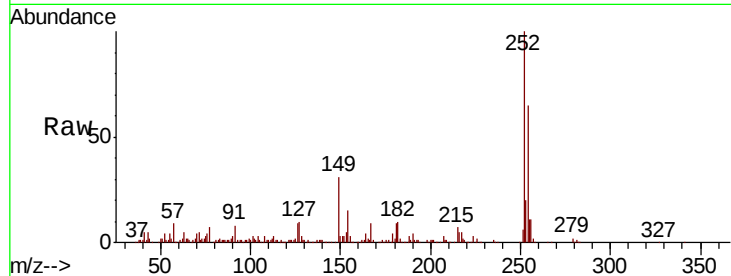




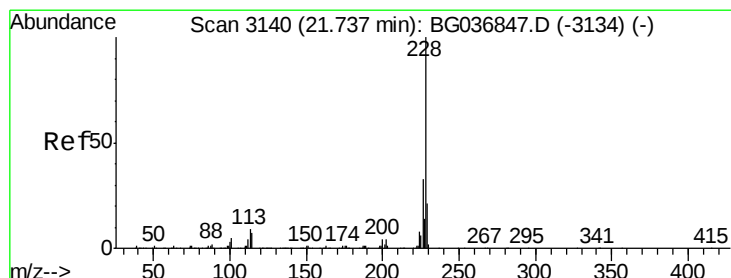
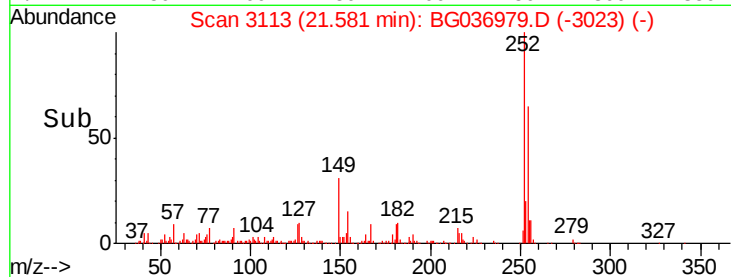
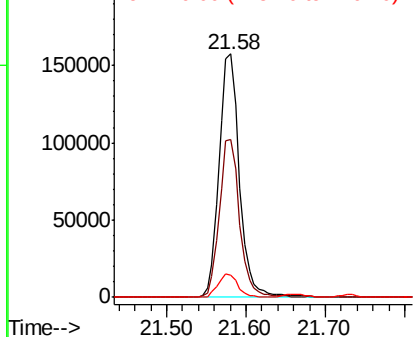
#81
 3,3'-Dichlorobenzidine
 Concen: 39.855 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 280894
 Ion Ratio Lower Upper
 252 100
 254 65.0 51.0 76.4
 126 9.2 7.4 11.0

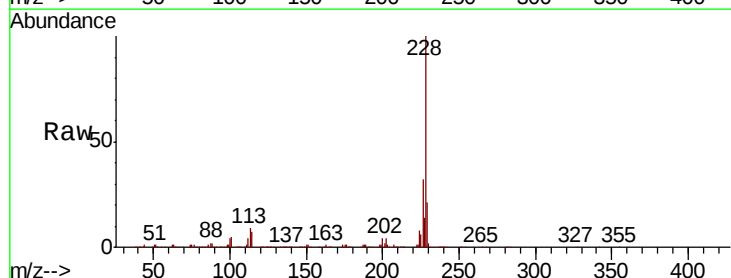


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

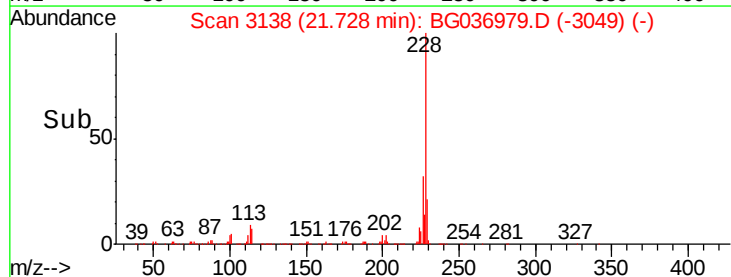
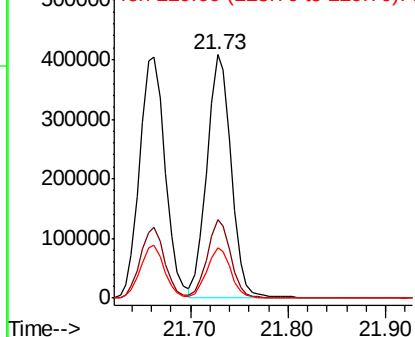


#82
 Chrysene
 Concen: 39.281 ng
 RT: 21.73 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Tgt Ion:228 Resp: 702741
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.5 38.3
 229 20.7 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

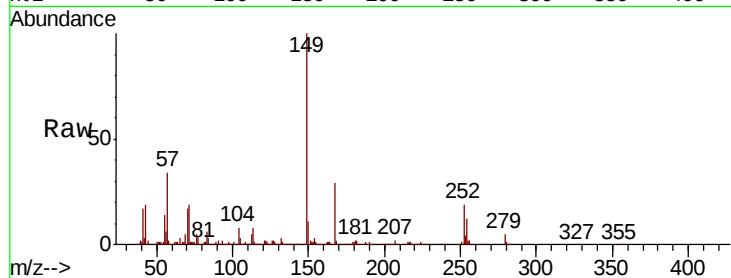




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.455 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.4	35.0
279	5.4	4.6	7.0

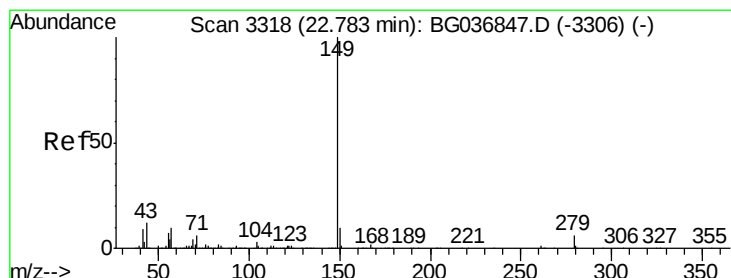
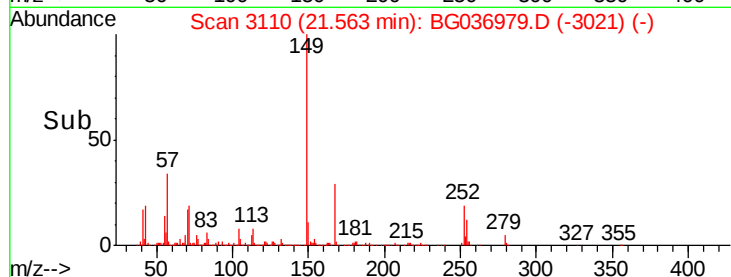
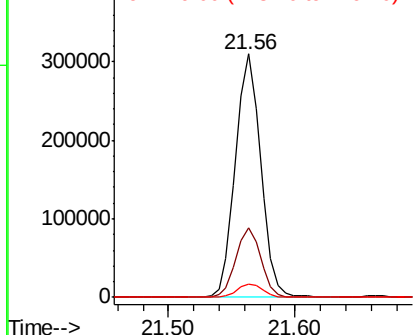


Abundance

Ion 149.00 (148.70 to 149.70): E

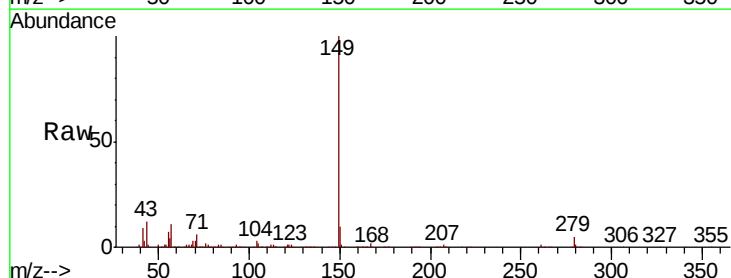
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 40.421 ng
 RT: 22.77 min Scan# 3315
 Delta R.T. -0.01 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.2	10.0	15.0

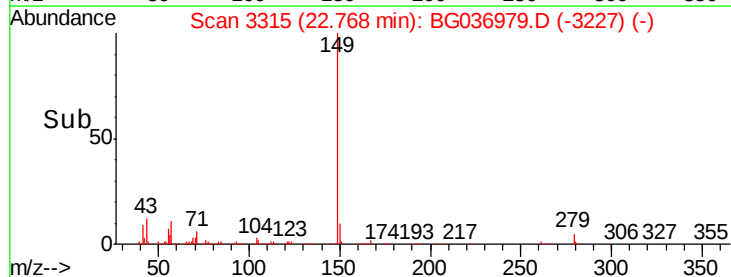
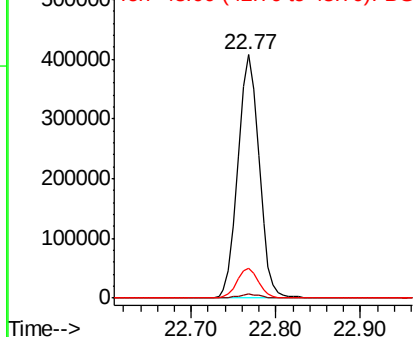


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

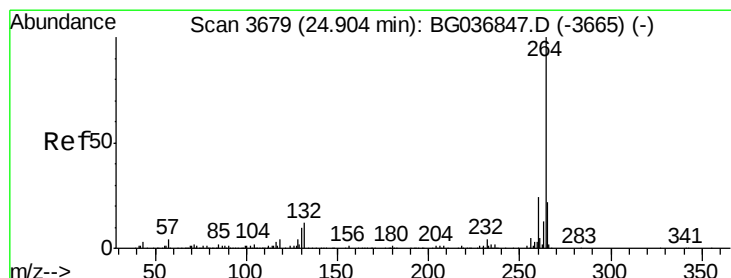
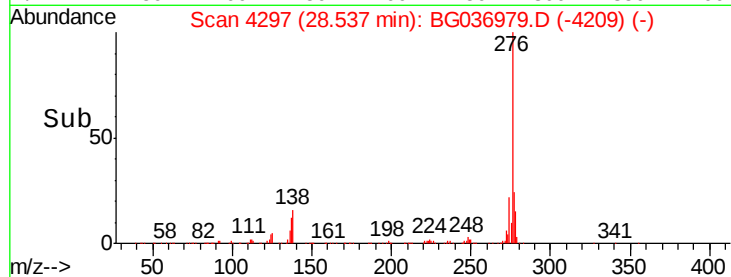
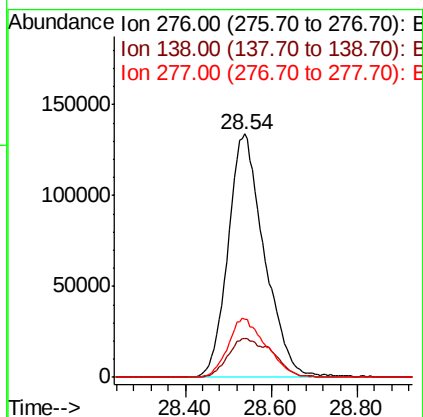
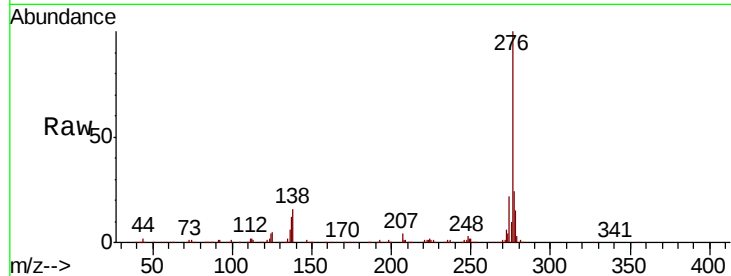




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.914 ng
 RT: 28.54 min Scan# 4297
 Delta R.T. -0.01 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

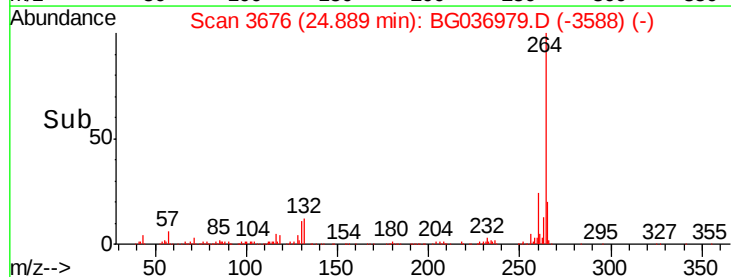
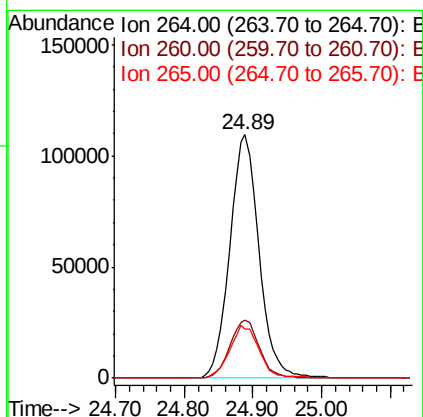
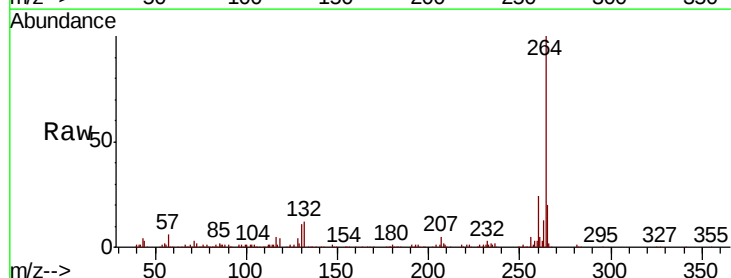
Instrument :
 BNA_F
 ClientSampleId :

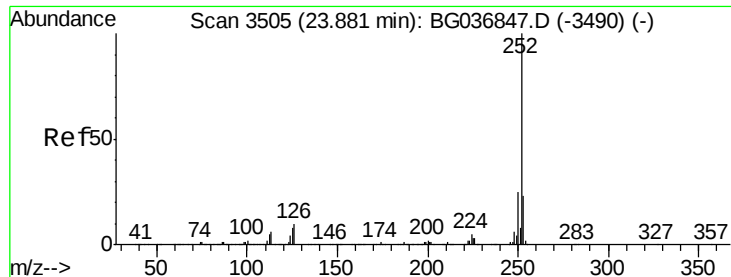
Tot Ion	Ratio	Lower	Upper
276	100		
138	13.6	10.6	15.8
277	25.3	20.6	30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.01 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	19.9	17.4	26.0

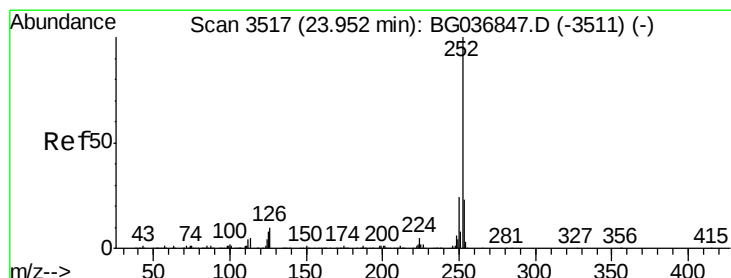
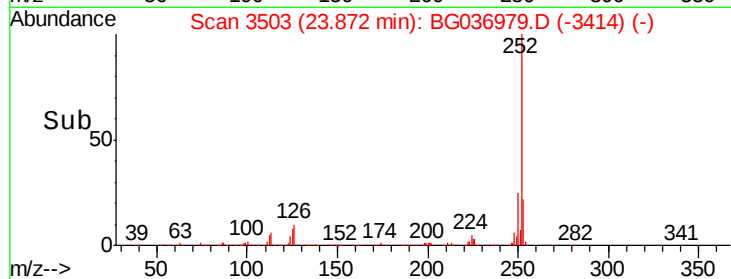
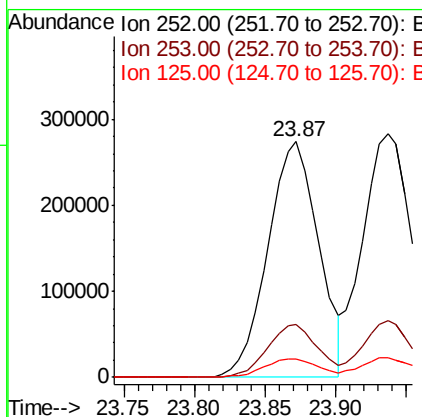
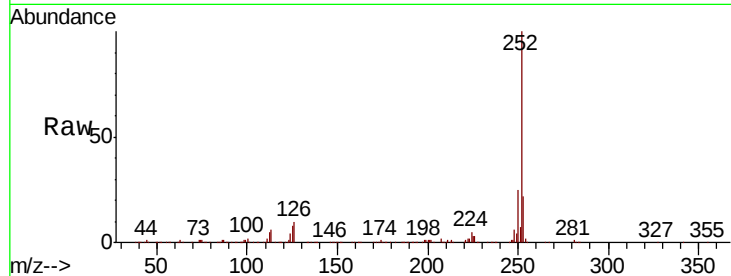




#87
Benzo(b)fluoranthene
Concen: 39.978 ng
RT: 23.87 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

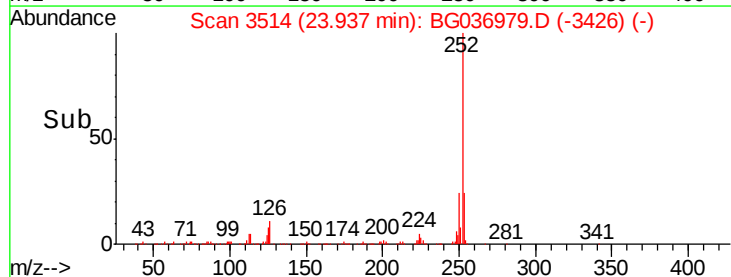
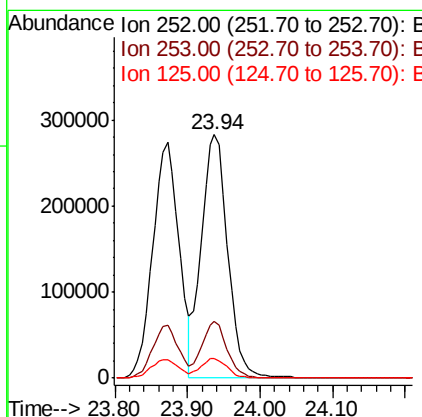
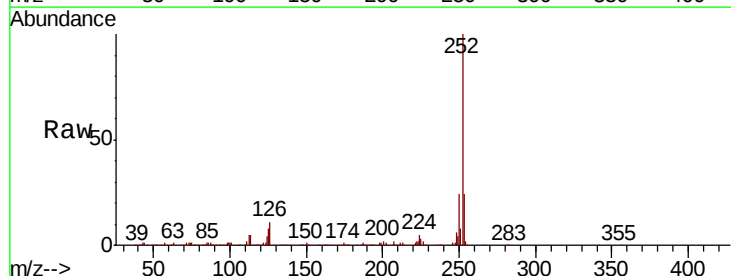
Instrument :
BNA_F
ClientSampleId :

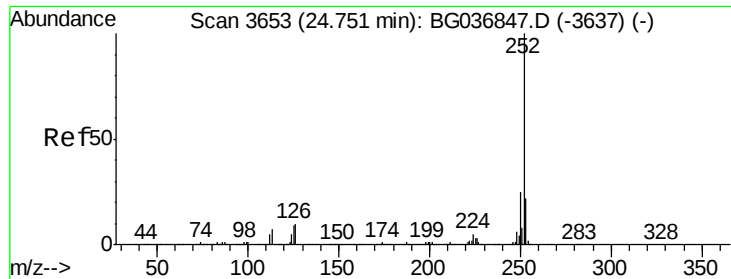
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	7.6	6.6	10.0



#88
Benzo(k)fluoranthene
Concen: 41.073 ng
RT: 23.94 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG036979.D
Acq: 26 Sep 2018 12:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	8.1	7.0	10.6





#89

Benzo(a)pyrene

Concen: 40.400 ng

RT: 24.74 min Scan# 3650

Delta R.T. -0.01 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

Instrument :

BNA_F

ClientSampleId :

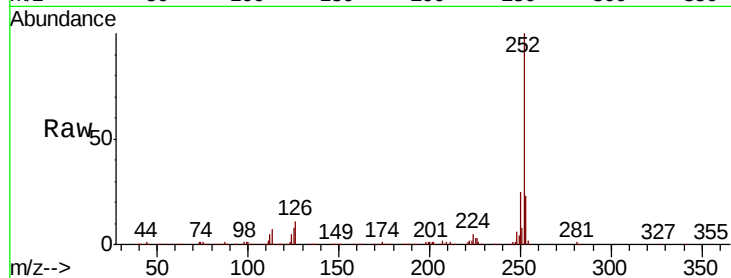
Tot Ion:252 Resp: 672293

Ion Ratio Lower Upper

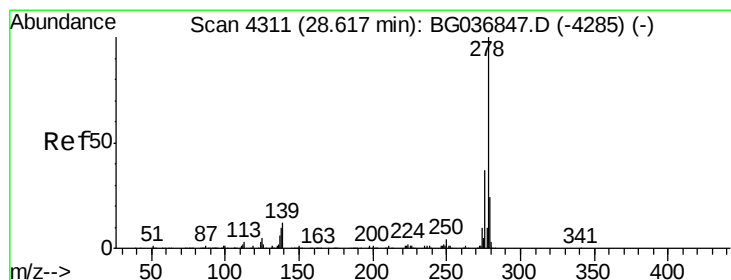
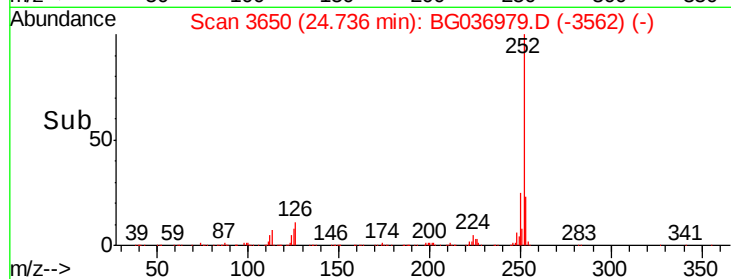
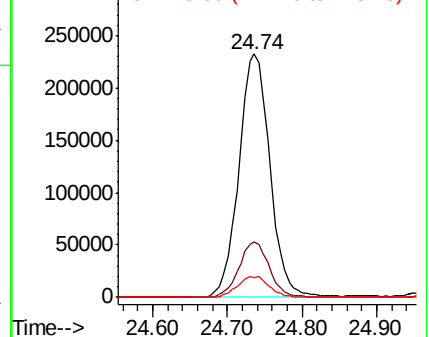
252 100

253 22.6 18.2 27.2

125 8.2 7.3 10.9



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

Dibenzo(a,h)anthracene

Concen: 40.651 ng

RT: 28.60 min Scan# 4308

Delta R.T. -0.01 min

Lab File: BG036979.D

Acq: 26 Sep 2018 12:40

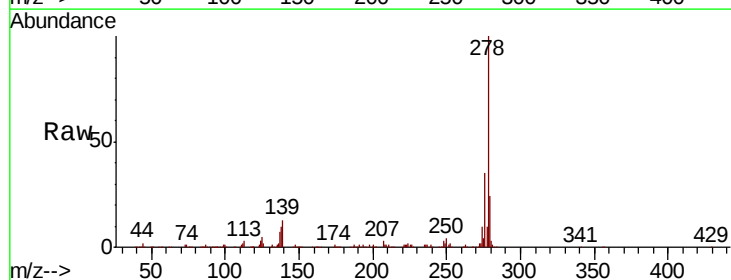
Tgt Ion:278 Resp: 633984

Ion Ratio Lower Upper

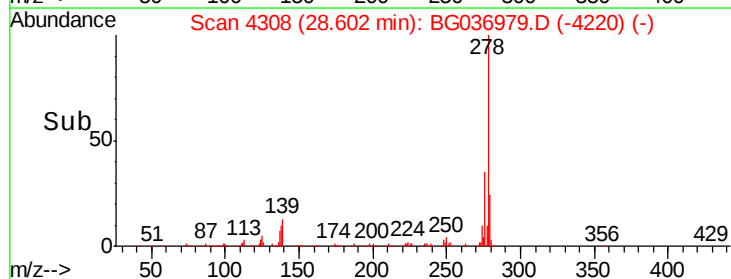
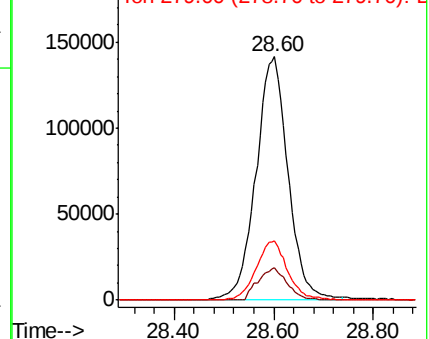
278 100

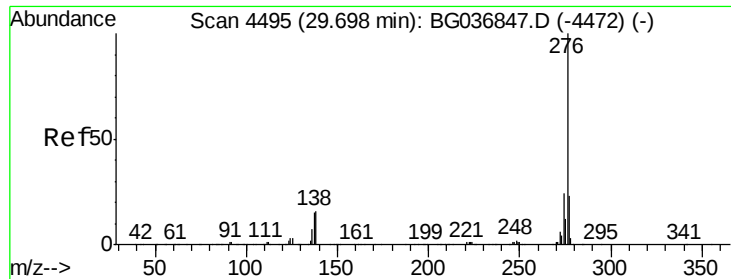
139 13.1 11.0 16.4

279 24.3 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 41.000 ng
 RT: 29.68 min Scan# 4491
 Delta R.T. -0.02 min
 Lab File: BG036979.D
 Acq: 26 Sep 2018 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	16.4	14.6	22.0

