

Data File : BG043968.D
Acq On : 8 Jan 2020 15:26
Operator : JU
Sample : PB125946BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Quant Time: Jan 09 06:10:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	108738	20.00	ng	-0.01
21) Naphthalene-d8	10.76	136	469461	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	310258	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	665547	20.00	ng	0.00
76) Chrysene-d12	21.58	240	559850	20.00	ng	0.00
87) Perylene-d12	24.71	264	569841	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	782378	132.11	ng	0.00
7) Phenol-d6	7.12	99	1028868	124.29	ng	0.00
23) Nitrobenzene-d5	9.11	82	634505	72.30	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	386269	118.97	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1397322	81.60	ng	-0.01
79) Terphenyl-d14	19.94	244	1964868	84.48	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.42	88	113603	43.995 ng	97
3) Pyridine	3.82	79	270142	35.414 ng	95
4) n-Nitrosodimethylamine	3.73	42	134077	39.478 ng	96
6) Aniline	7.28	93	350045	32.194 ng	97
8) 2-Chlorophenol	7.52	128	323727	46.563 ng	99
9) Benzaldehyde	7.09	77	192220	36.280 ng	99
10) Phenol	7.15	94	395798	46.406 ng	97
11) bis(2-Chloroethyl)ether	7.37	93	304773	41.397 ng	99
12) 1,3-Dichlorobenzene	7.85	146	339285	41.702 ng	98
13) 1,4-Dichlorobenzene	7.99	146	337478	42.040 ng	99
14) 1,2-Dichlorobenzene	8.31	146	321479	41.723 ng	99
15) Benzyl Alcohol	8.19	79	275898	42.230 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	421174	36.977 ng	99
17) 2-Methylphenol	8.40	107	279432	45.273 ng	98
18) Hexachloroethane	9.04	117	126055	40.356 ng	95
19) n-Nitroso-di-n-propylamine	8.76	70	238547	38.695 ng	98
20) 3+4-Methylphenols	8.73	107	388231	45.089 ng	98
22) Acetophenone	8.78	105	439557	37.662 ng	# 98
24) Nitrobenzene	9.15	77	334252	38.457 ng	99
25) Isophorone	9.68	82	653982	39.722 ng	99
26) 2-Nitrophenol	9.87	139	183969	44.738 ng	95
27) 2,4-Dimethylphenol	9.93	122	309655	50.025 ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	410943	37.439 ng	98
29) 2,4-Dichlorophenol	10.40	162	323638	43.832 ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	316349	38.212 ng	98
31) Naphthalene	10.81	128	933599	41.095 ng	100
32) Benzoic acid	10.07	122	175147	36.474 ng	91
33) 4-Chloroaniline	10.91	127	248832	22.964 ng	97
34) Hexachlorobutadiene	11.10	225	181929	35.992 ng	96
35) Caprolactam	11.68	113	68145	24.792 ng	97
36) 4-Chloro-3-methylphenol	12.04	107	344317	43.805 ng	99
37) 2-Methylnaphthalene	12.42	142	709356	41.474 ng	96
38) 1-Methylnaphthalene	12.64	142	666468	41.115 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	330392	36.332 ng	99

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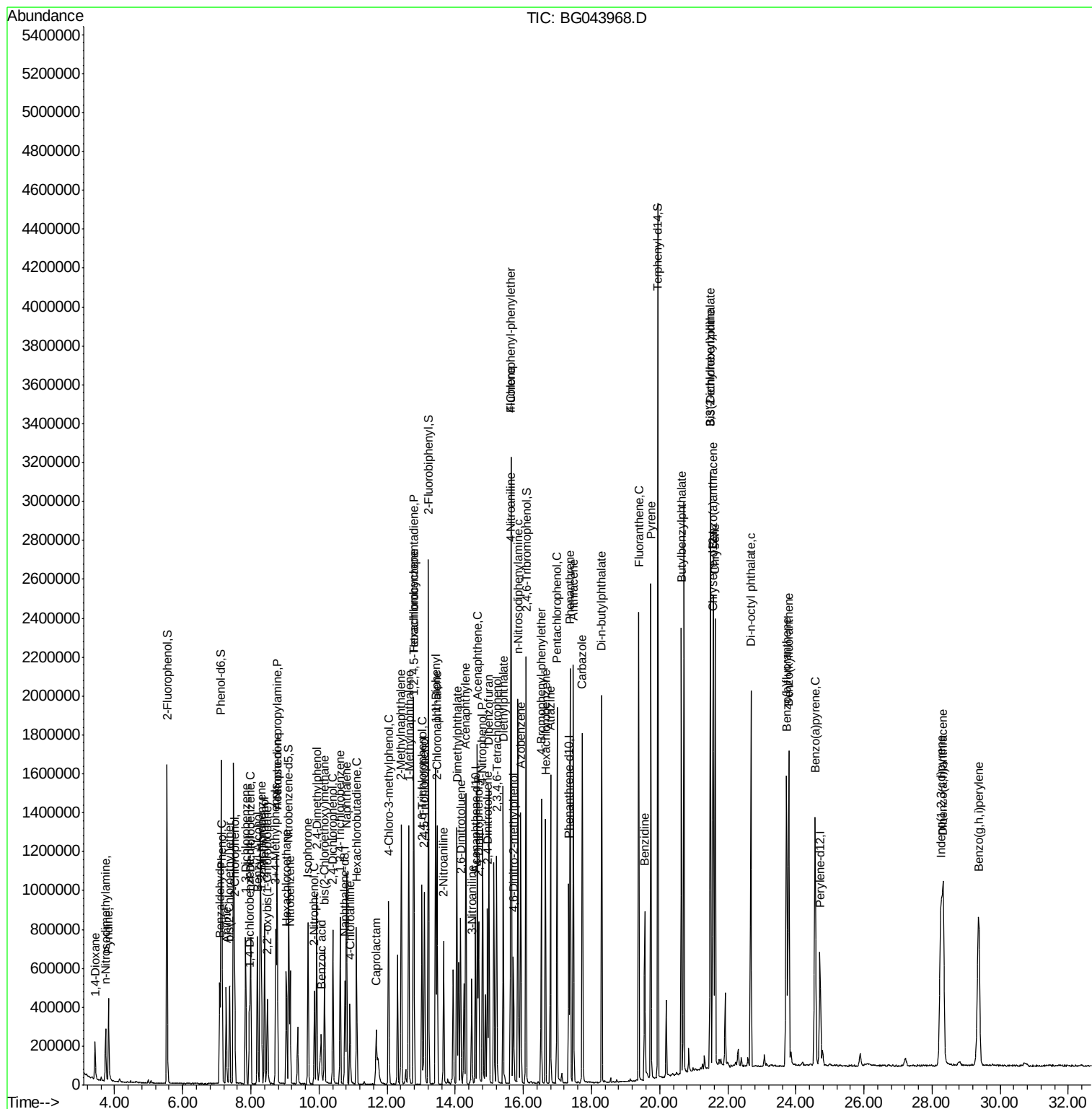
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	397397	84.292	ng	98
43) 2,4,6-Trichlorophenol	13.02	196	259028	41.397	ng	98
44) 2,4,5-Trichlorophenol	13.09	196	280655	43.489	ng	97
46) 1,1'-Biphenyl	13.42	154	887681	39.905	ng	99
47) 2-Chloronaphthalene	13.46	162	685144	38.116	ng	98
48) 2-Nitroaniline	13.66	65	218149	37.728	ng	97
49) Acenaphthylene	14.31	152	1094291	42.355	ng	98
50) Dimethylphthalate	14.05	163	901043	40.902	ng	99
51) 2,6-Dinitrotoluene	14.16	165	206045	41.381	ng	96
52) Acenaphthene	14.65	154	691347	38.157	ng	98
53) 3-Nitroaniline	14.49	138	155576	27.515	ng	99
54) 2,4-Dinitrophenol	14.69	184	204865	80.710	ng	97
55) Dibenzofuran	14.99	168	1047326	41.990	ng	98
56) 4-Nitrophenol	14.80	139	398403	91.948	ng	96
57) 2,4-Dinitrotoluene	14.94	165	285650	42.161	ng	99
58) Fluorene	15.64	166	821698	41.565	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	242152	43.636	ng	96
60) Diethylphthalate	15.41	149	911699	41.377	ng	98
61) 4-Chlorophenyl-phenylether	15.63	204	425648	39.652	ng	97
62) 4-Nitroaniline	15.65	138	210733	37.741	ng	95
63) Azobenzene	15.93	77	829596	40.599	ng	97
65) 4,6-Dinitro-2-methylphenol	15.71	198	160554	46.929	ng	98
66) n-Nitrosodiphenylamine	15.84	169	785391	40.072	ng	100
67) 4-Bromophenyl-phenylether	16.53	248	276877	36.989	ng	97
68) Hexachlorobenzene	16.65	284	297738	36.914	ng	98
69) Atrazine	16.80	200	300825	47.219	ng	99
70) Pentachlorophenol	16.99	266	361492	81.303	ng	99
71) Phenanthrene	17.38	178	1318912	41.315	ng	99
72) Anthracene	17.47	178	1348584	42.746	ng	99
73) Carbazole	17.74	167	1242712	42.643	ng	98
74) Di-n-butylphthalate	18.30	149	1520683	40.870	ng	98
75) Fluoranthene	19.39	202	1511416	41.399	ng	98
77) Benzidine	19.56	184	623410	44.301	ng	97
78) Pyrene	19.75	202	1512089	41.378	ng	98
80) Butylbenzylphthalate	20.64	149	705571	40.554	ng	97
81) Benzo(a)anthracene	21.57	228	1413196	40.709	ng	98
82) 3,3'-Dichlorobenzidine	21.48	252	412977	30.112	ng	99
83) Chrysene	21.63	228	1363903	41.348	ng	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	990742	41.271	ng	98
85) Di-n-octyl phthalate	22.68	149	1708233	42.327	ng	97
86) Indeno(1,2,3-cd)pyrene	28.26	276	1704689	38.028	ng	# 94
88) Benzo(b)fluoranthene	23.73	252	1462989	43.428	ng	98
89) Benzo(k)fluoranthene	23.79	252	1444544	45.093	ng	99
90) Benzo(a)pyrene	24.56	252	1358092	42.714	ng	99
91) Dibenzo(a,h)anthracene	28.32	278	1427863	44.716	ng	100
92) Benzo(g,h,i)perylene	29.36	276	1437002	45.305	ng	98

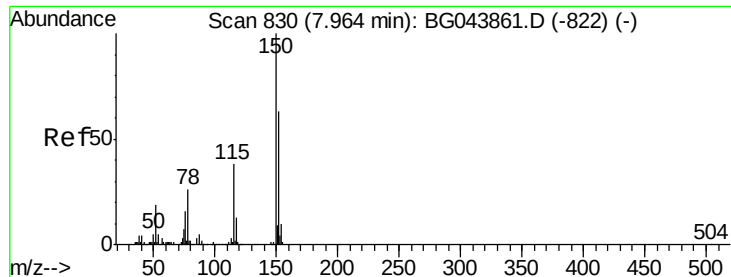
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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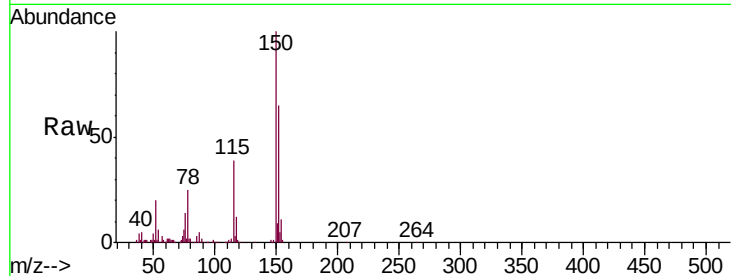


#1

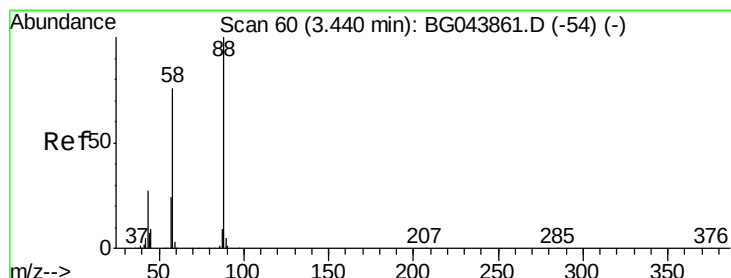
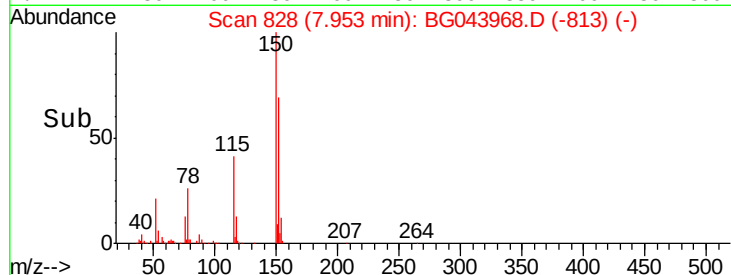
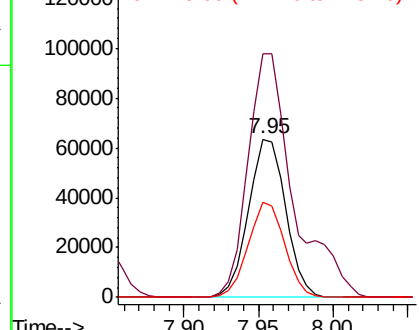
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tgt Ion:152 Resp: 108738
Ion Ratio Lower Upper
152 100
150 154.1 127.0 190.4
115 60.2 47.8 71.8



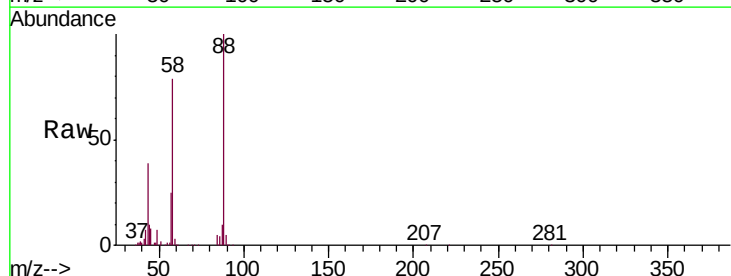
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



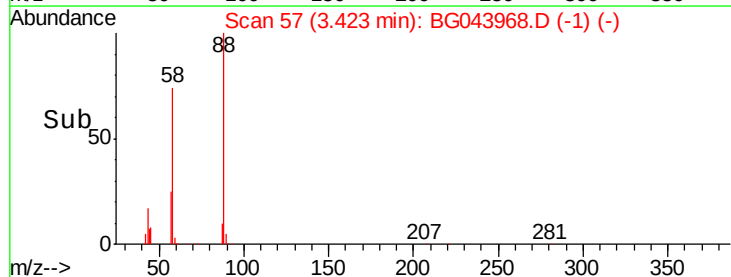
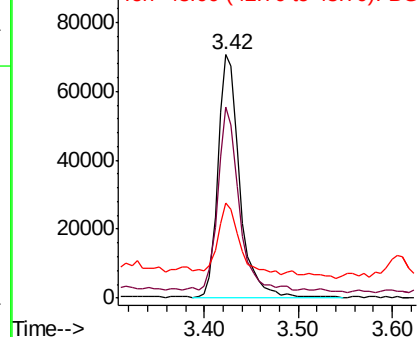
#2

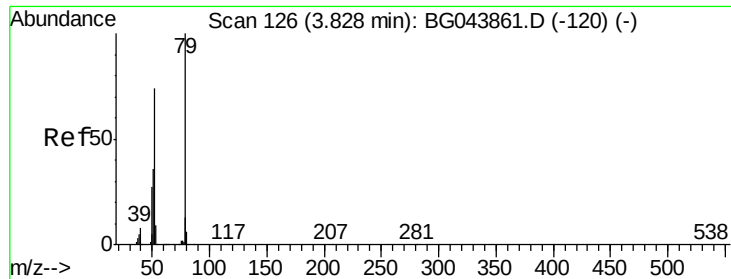
1,4-Dioxane
Concen: 43.995 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.02 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion: 88 Resp: 113603
Ion Ratio Lower Upper
88 100
58 71.7 59.8 89.8
43 29.3 22.9 34.3



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

Pyridine

Concen: 35.414 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG043968.D

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Instrument :

BNA_G

ClientSampleId :

PB125946BS

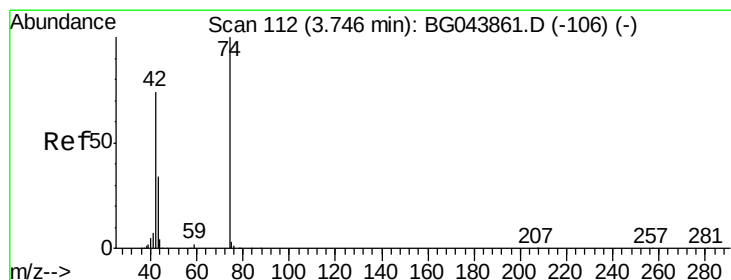
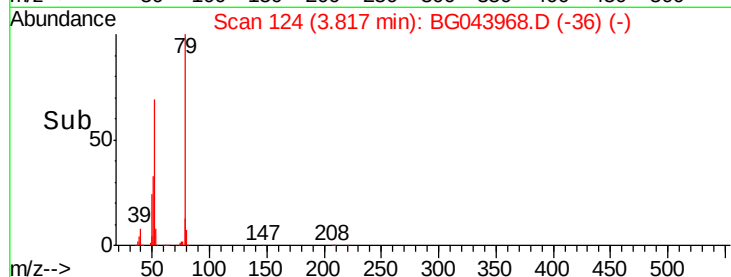
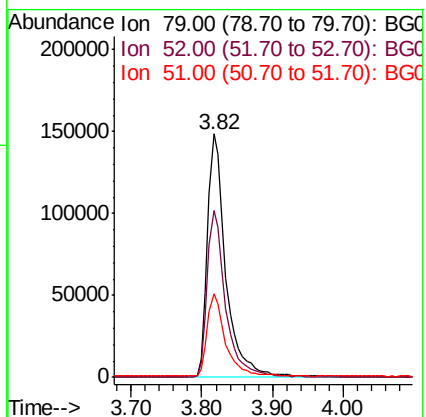
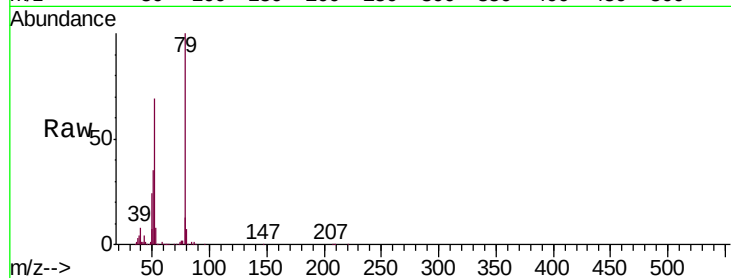
Tgt Ion: 79 Resp: 270142

Ion Ratio Lower Upper

79 100

52 68.5 58.9 88.3

51 34.5 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 39.478 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

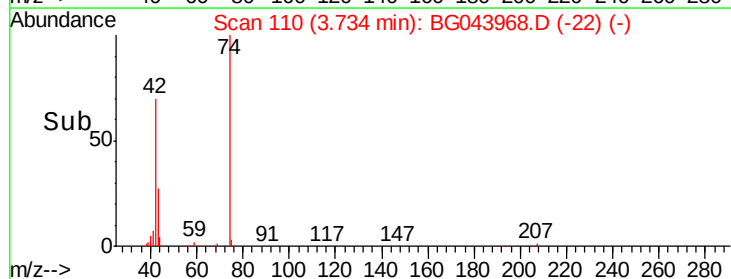
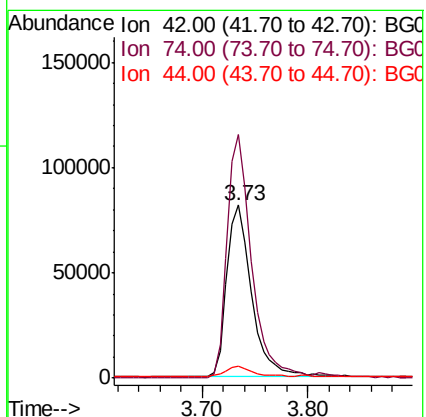
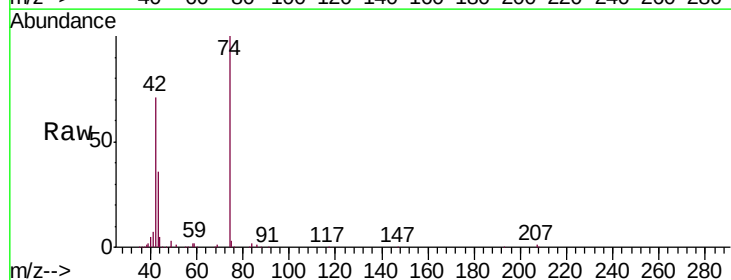
Tgt Ion: 42 Resp: 134077

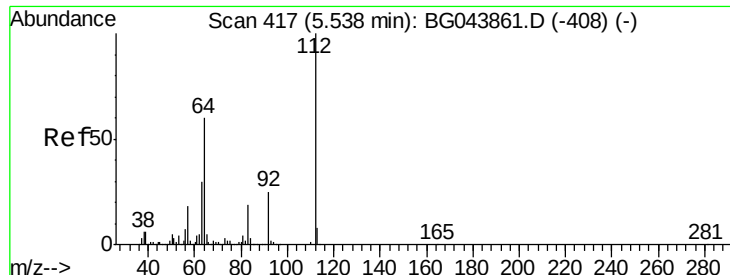
Ion Ratio Lower Upper

42 100

74 140.8 108.6 162.8

44 6.7 5.0 7.6





#5

2-Fluorophenol

Concen: 132.110 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

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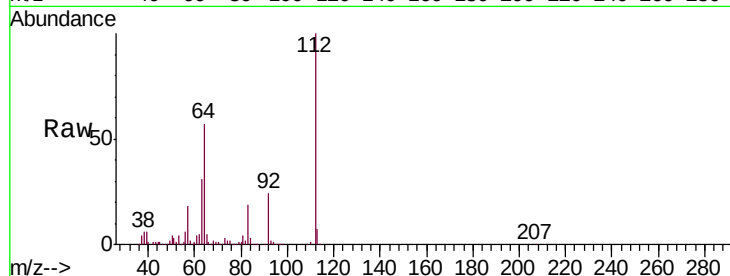
Tgt Ion: 112 Resp: 782378

Ion Ratio Lower Upper

112 100

64 57.0 47.8 71.6

63 30.5 24.3 36.5



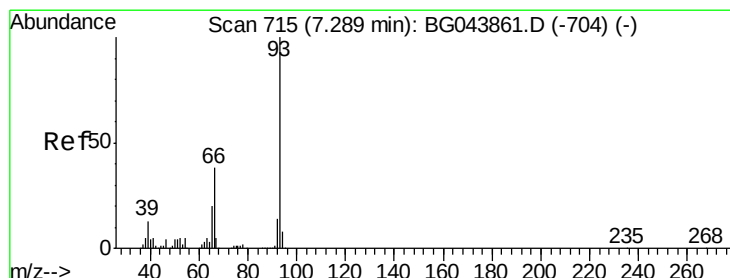
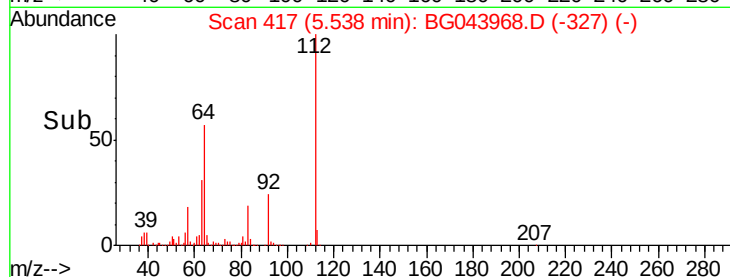
Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

5.54

Time-->



#6

Aniline

Concen: 32.194 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

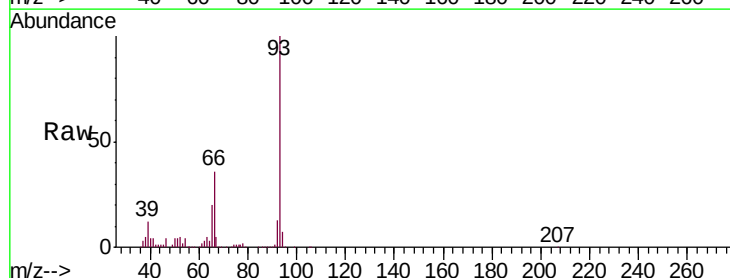
Tgt Ion: 93 Resp: 350045

Ion Ratio Lower Upper

93 100

66 35.9 30.8 46.2

65 19.6 16.0 24.0



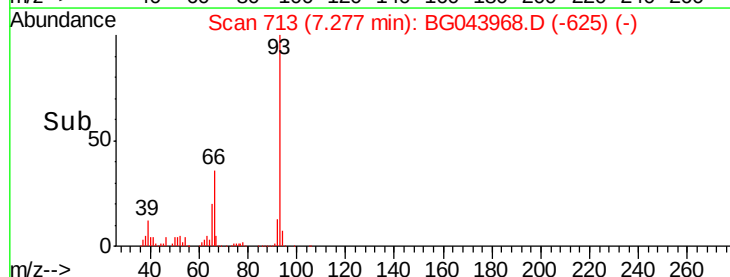
Abundance Ion 93.00 (92.70 to 93.70): BGC

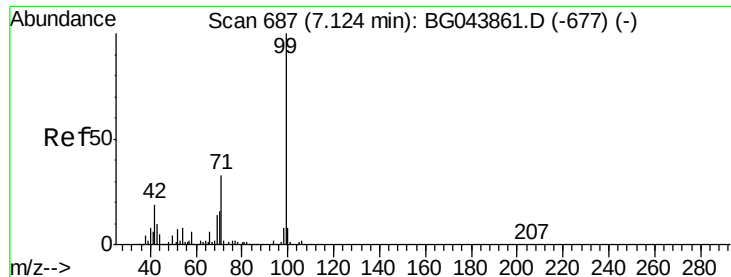
Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

7.28

Time-->





#7

Phenol-d6

Concen: 124.288 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043968.D

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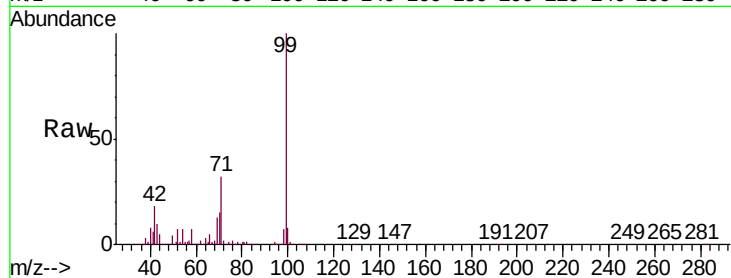
Tgt Ion: 99 Resp: 1028868

Ion Ratio Lower Upper

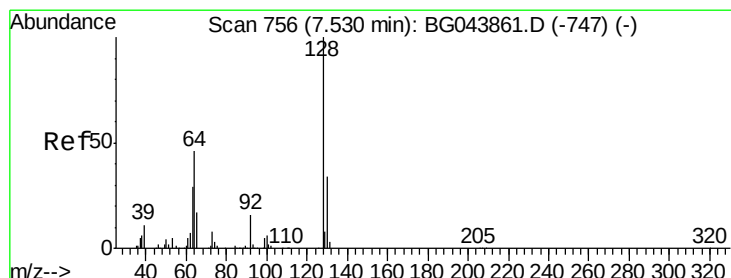
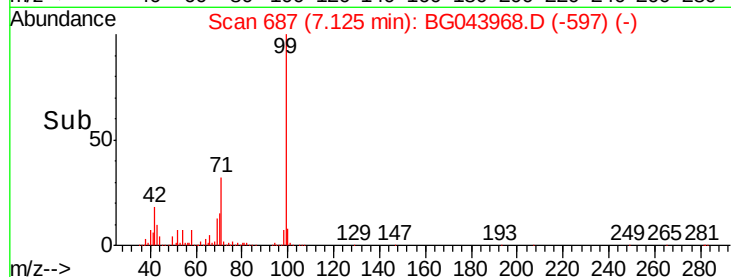
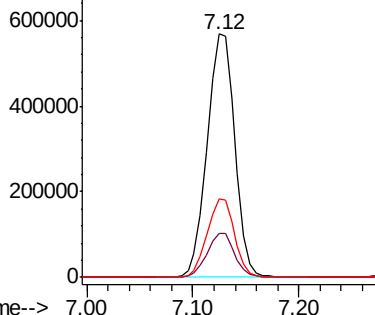
99 100

42 18.1 14.9 22.3

71 32.2 26.4 39.6



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: 46.563 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.01 min

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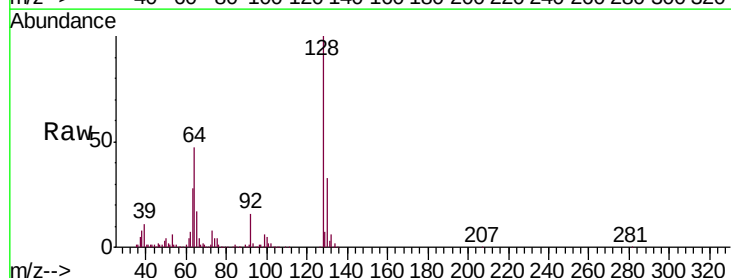
Tgt Ion: 128 Resp: 323727

Ion Ratio Lower Upper

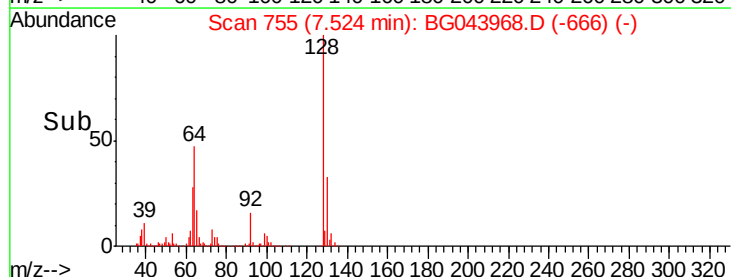
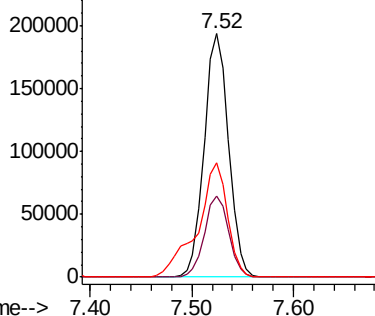
128 100

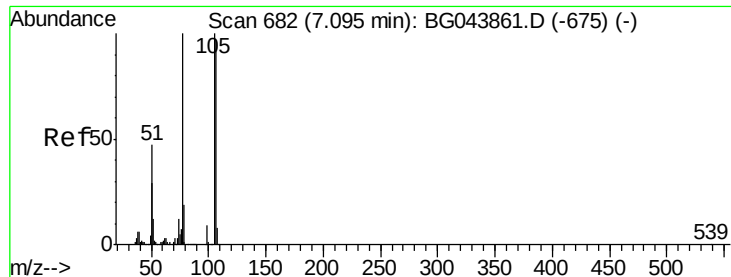
130 33.1 13.8 53.8

64 46.8 27.6 67.6



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





#9

Benzaldehyde

Concen: 36.280 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

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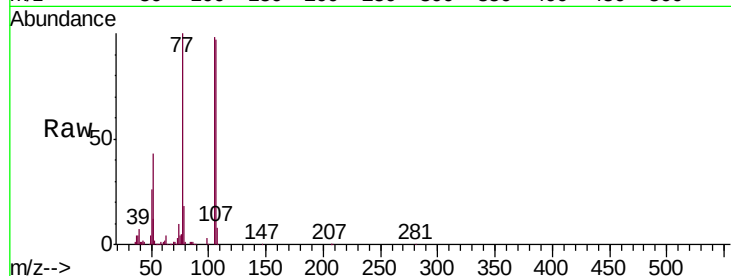
Tgt Ion: 77 Resp: 192220

Ion Ratio Lower Upper

77 100

105 98.0 80.2 120.2

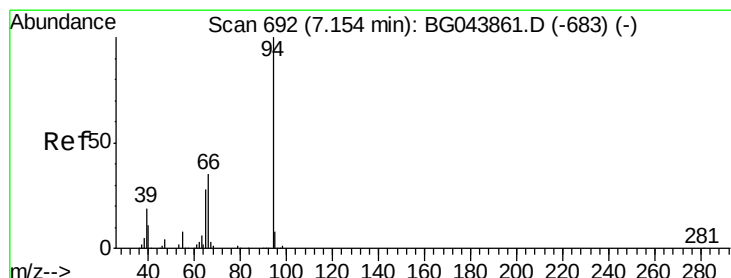
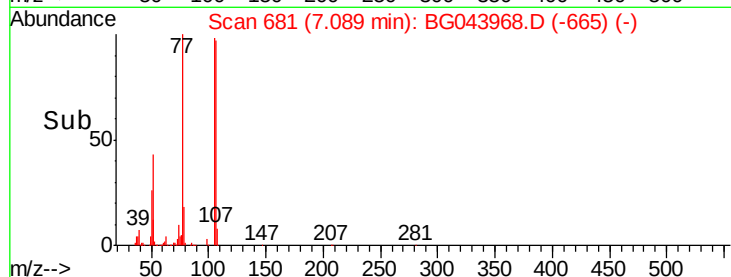
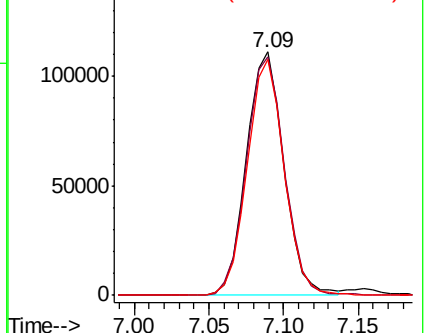
106 97.0 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.406 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

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Acq: 8 Jan 2020 15:26

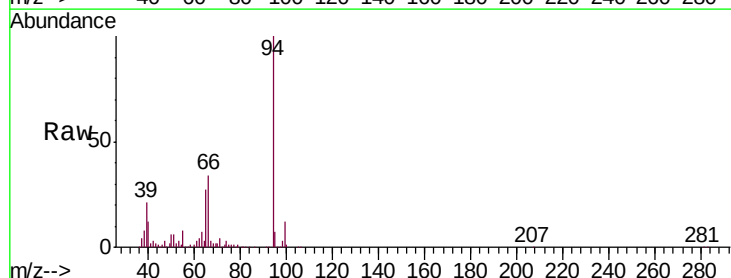
Tgt Ion: 94 Resp: 395798

Ion Ratio Lower Upper

94 100

65 27.3 8.1 48.1

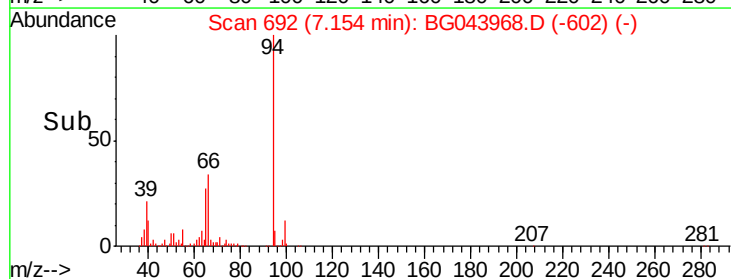
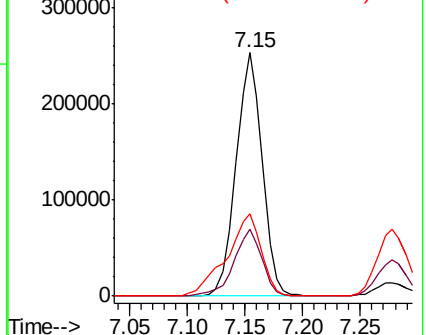
66 33.6 15.6 55.6

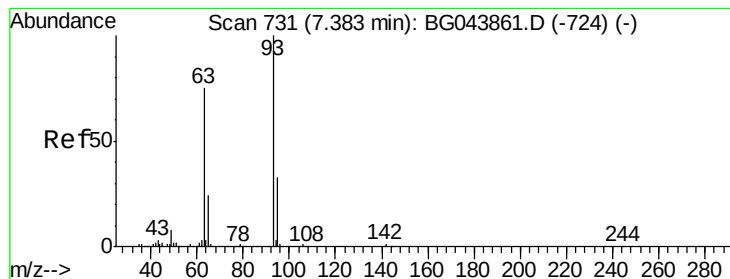


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 41.397 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

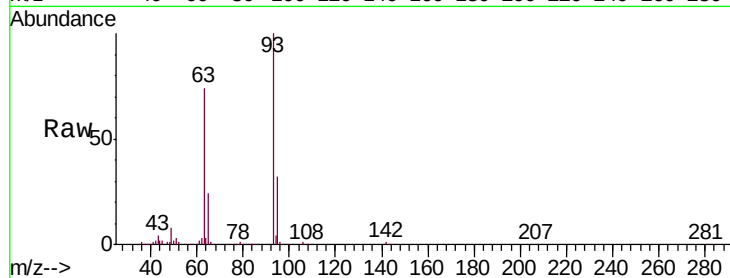
Tgt Ion: 93 Resp: 304773

Ion Ratio Lower Upper

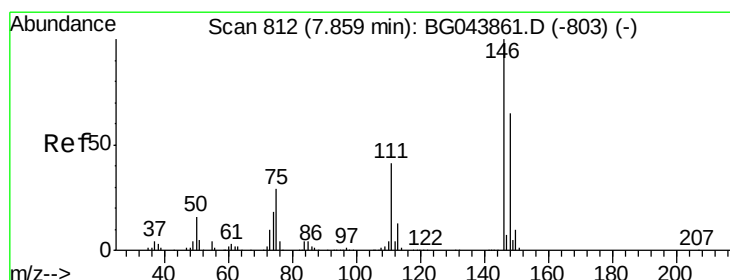
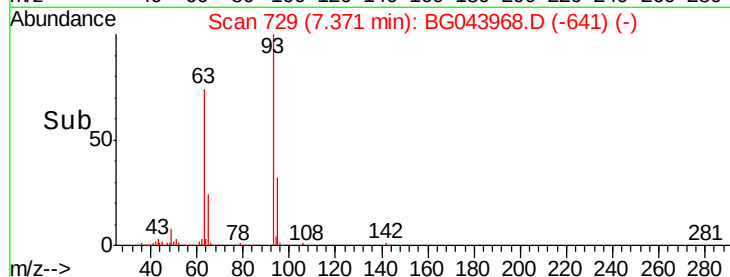
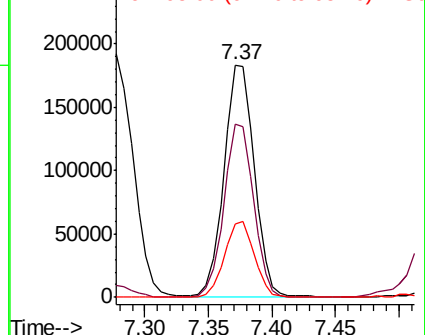
93 100

63 74.2 55.0 95.0

95 31.7 13.3 53.3



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



#12

1,3-Dichlorobenzene

Concen: 41.702 ng

RT: 7.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

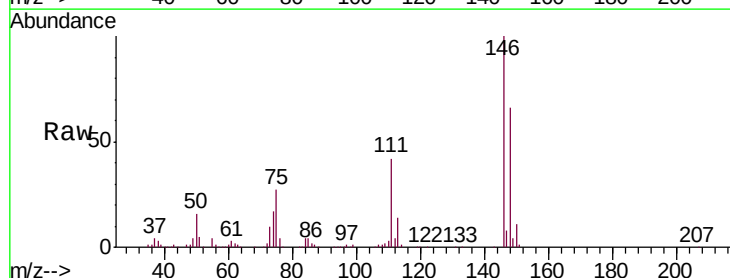
Tgt Ion: 146 Resp: 339285

Ion Ratio Lower Upper

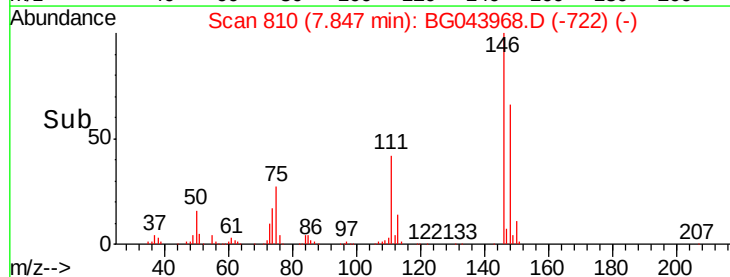
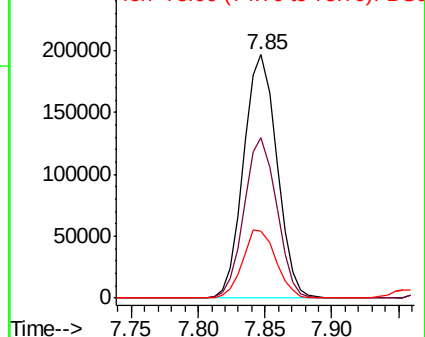
146 100

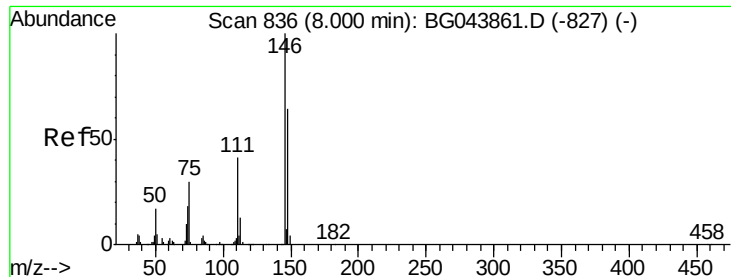
148 66.0 52.1 78.1

75 27.3 23.0 34.4



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

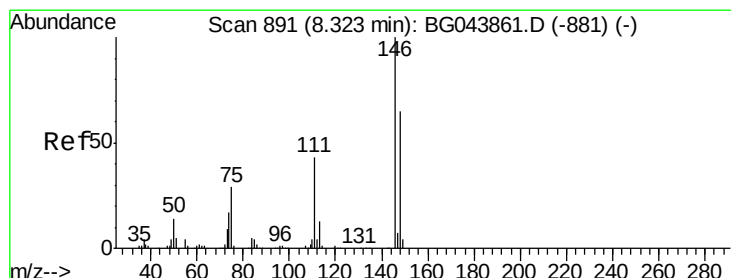
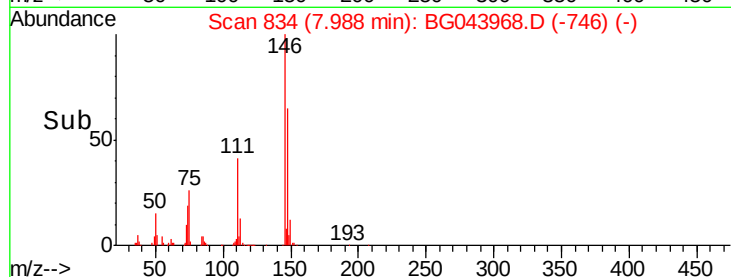
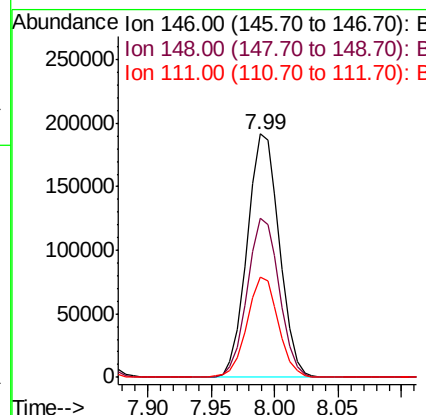
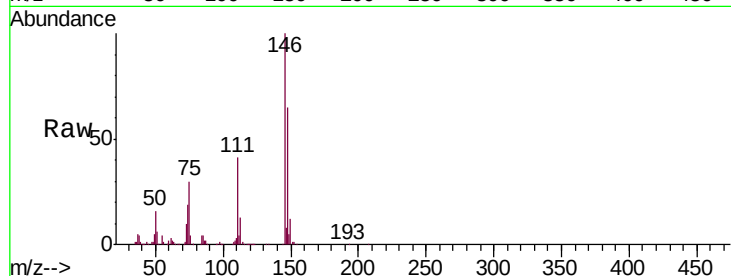




#13
 1,4-Dichlorobenzene
 Concen: 42.040 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

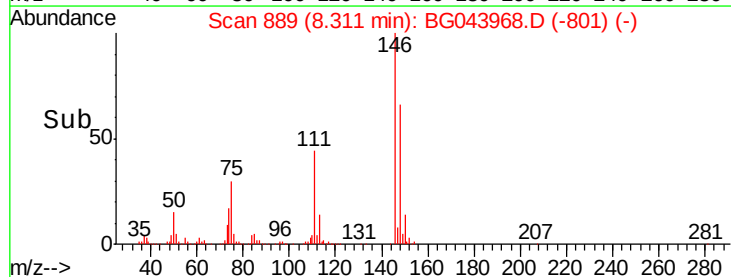
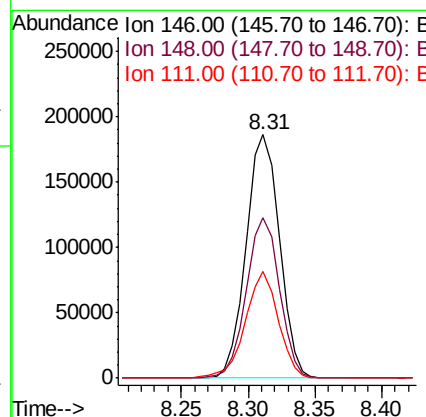
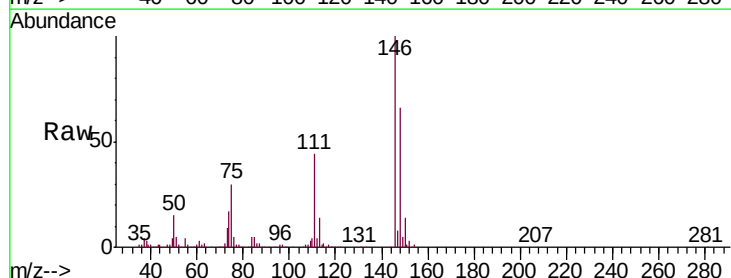
Instrument :
 BNA_G
 ClientSampleId :
 PB125946BS

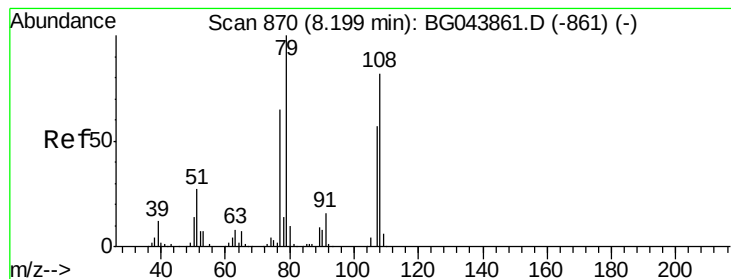
Tgt Ion:146 Resp: 337478
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.2 76.8
 111 41.4 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 41.723 ng
 RT: 8.31 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Tgt Ion:146 Resp: 321479
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.7 77.5
 111 43.7 34.4 51.6





#15

Benzyl Alcohol

Concen: 42.230 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

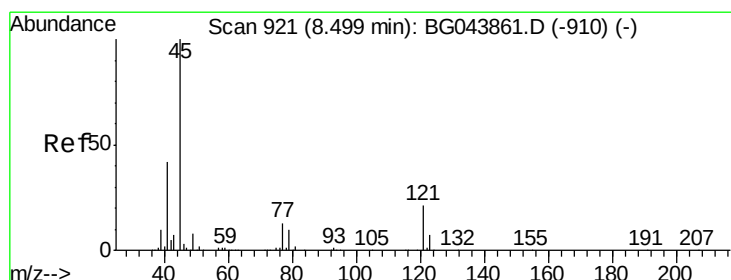
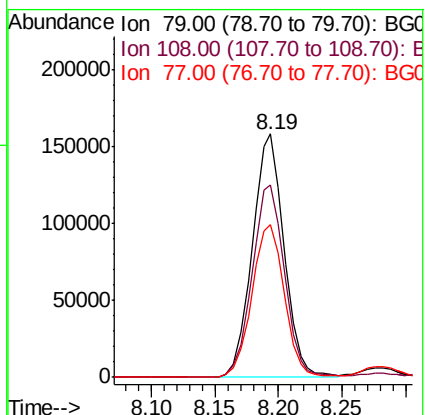
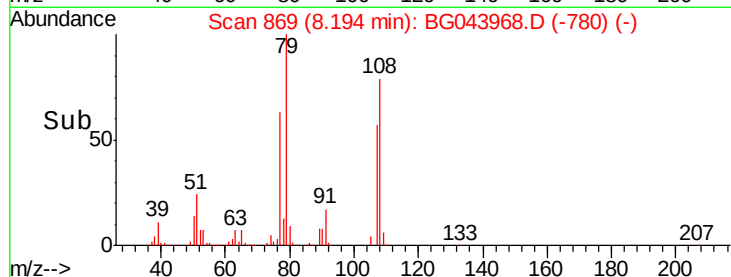
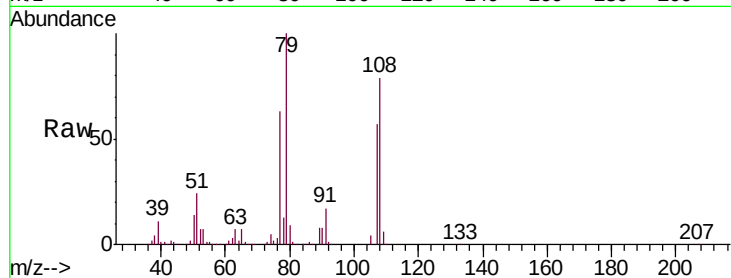
Tgt Ion: 79 Resp: 275898

Ion Ratio Lower Upper

79 100

108 78.8 65.6 98.4

77 62.7 52.0 78.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.977 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

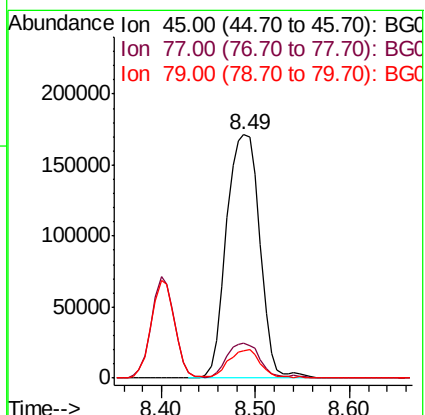
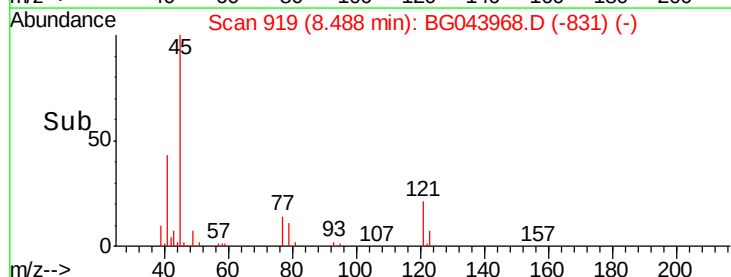
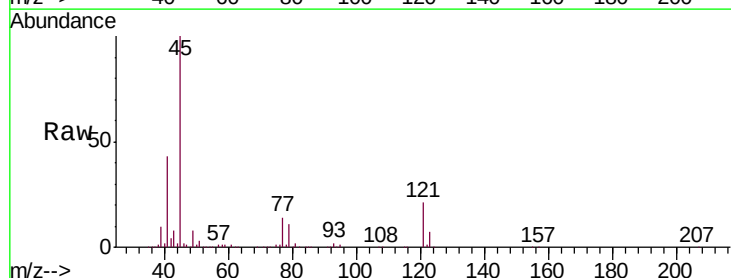
Tgt Ion: 45 Resp: 421174

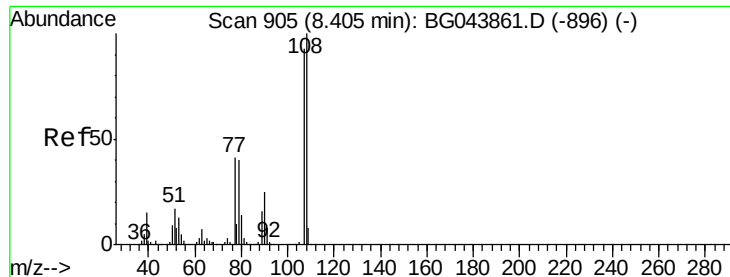
Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.8

79 11.5 0.0 31.0





#17

2-Methylphenol

Concen: 45.273 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

Tgt Ion:107 Resp: 279432

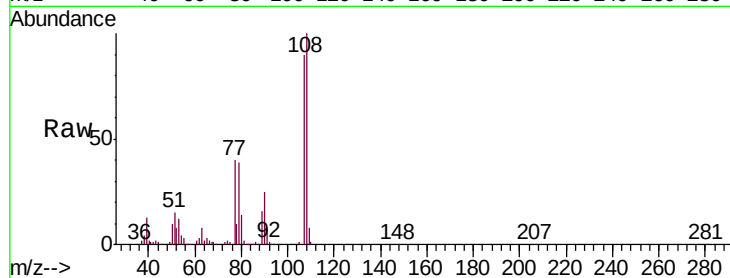
Ion Ratio Lower Upper

107 100

108 111.5 86.1 129.1

77 44.2 35.4 53.0

79 42.9 34.8 52.2



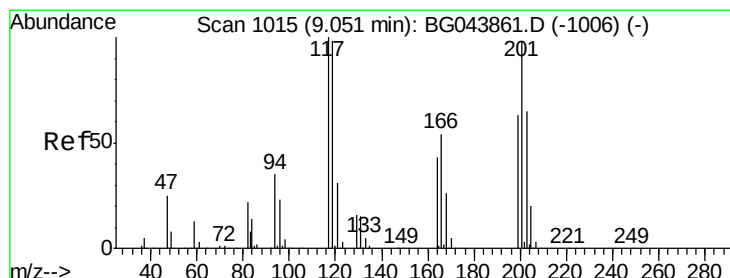
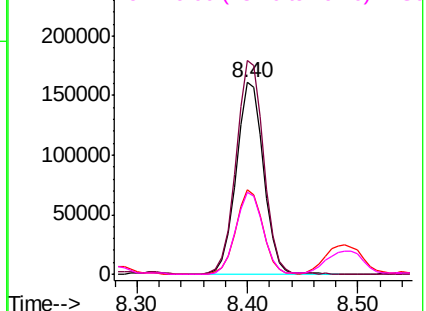
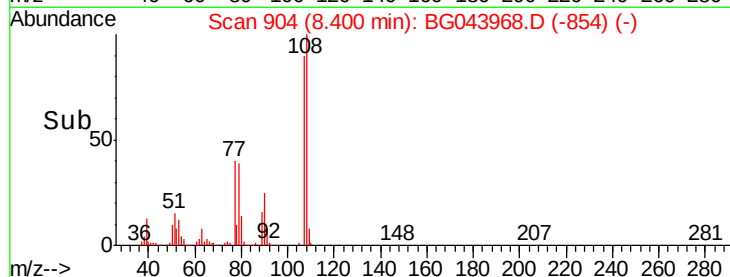
Abundance

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: 40.356 ng

RT: 9.04 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

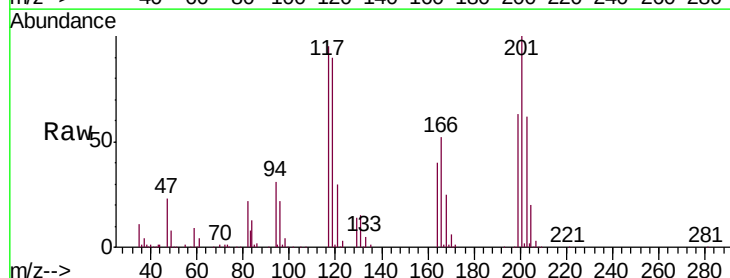
Tgt Ion:117 Resp: 126055

Ion Ratio Lower Upper

117 100

119 94.0 78.1 117.1

201 104.8 78.6 117.8

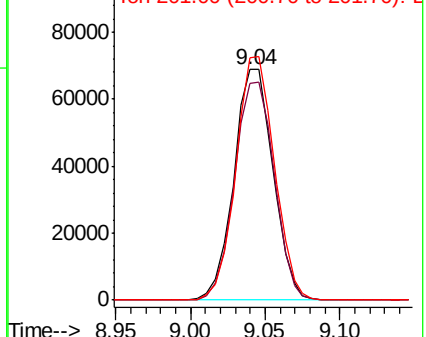
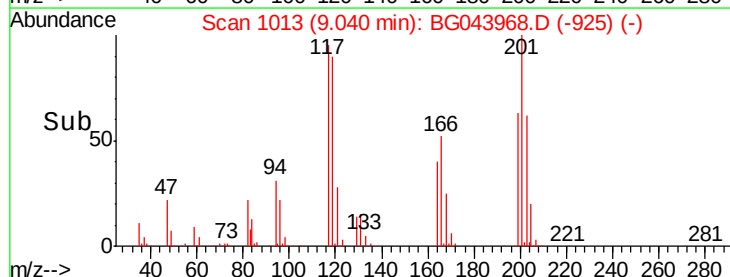


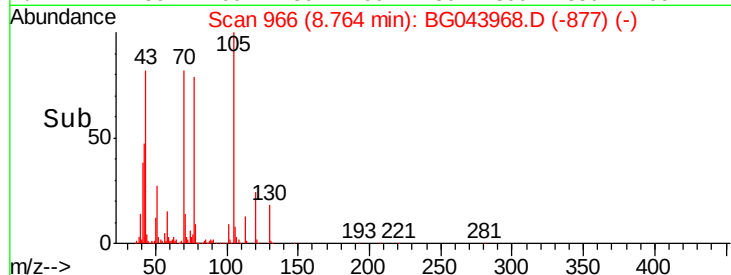
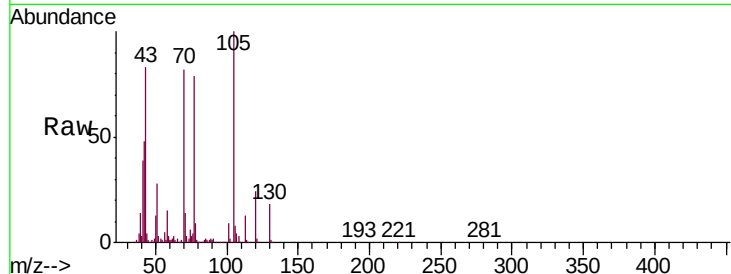
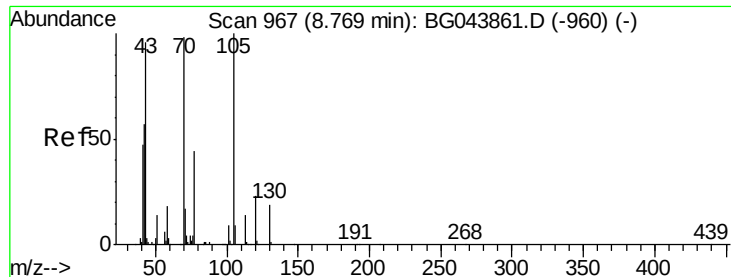
Abundance

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

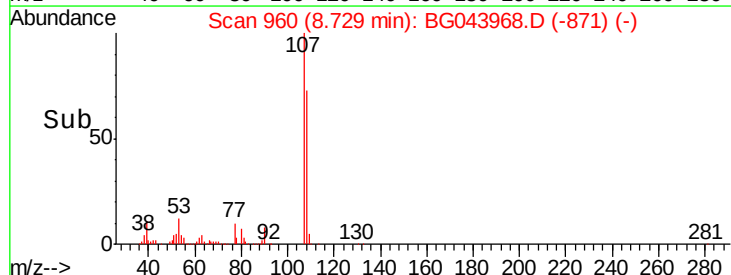
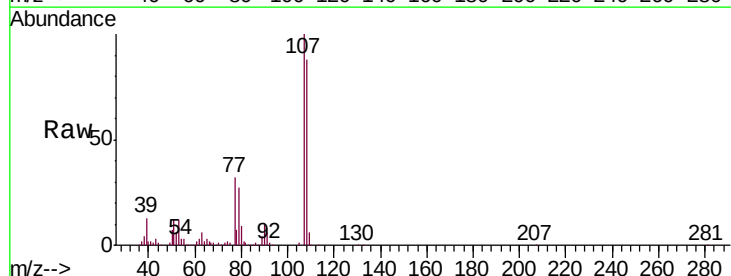
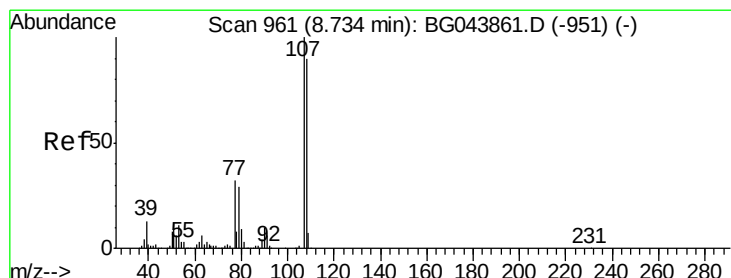
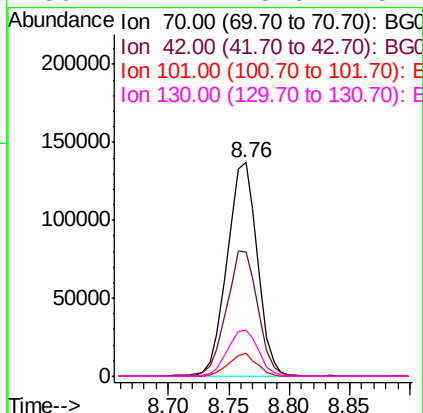




#19
n-Nitroso-di-n-propylamine
Concen: 38.695 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

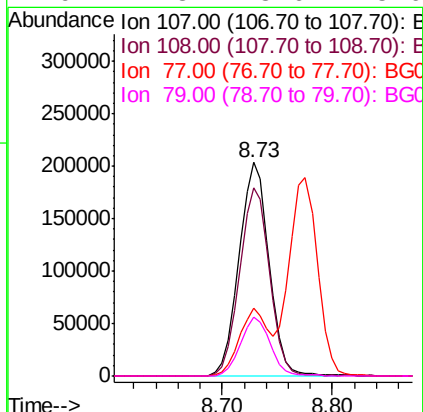
Instrument :
BNA_G
ClientSampleId :
PB125946BS

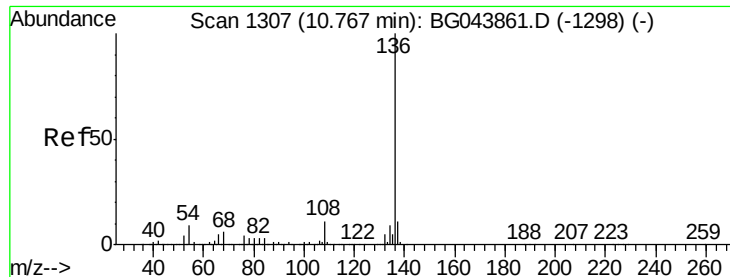
Tgt Ion:	70	Resp:	238547
Ion	Ratio	Lower	Upper
70	100		
42	58.1	47.0	70.4
101	10.7	7.2	10.8
130	21.7	15.6	23.4



#20
3+4-Methylphenols
Concen: 45.089 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion:	107	Resp:	388231
Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.3	110.3
77	31.8	12.4	52.4
79	27.3	8.6	48.6

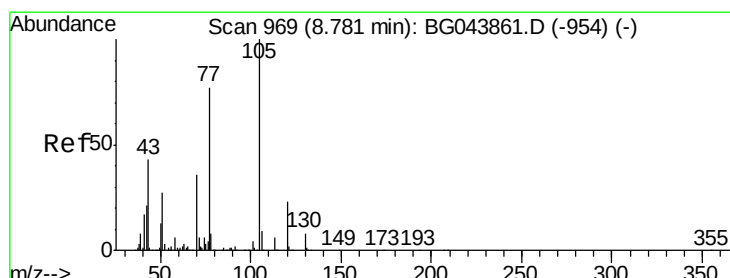
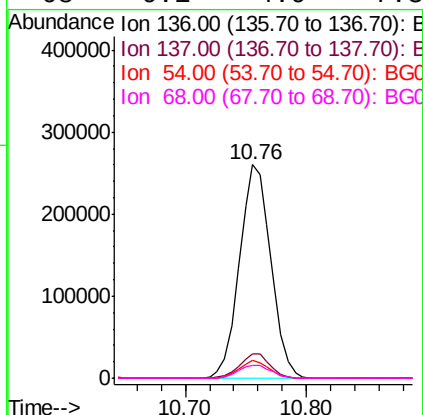
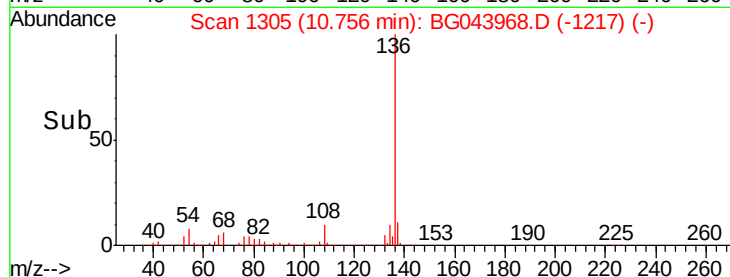
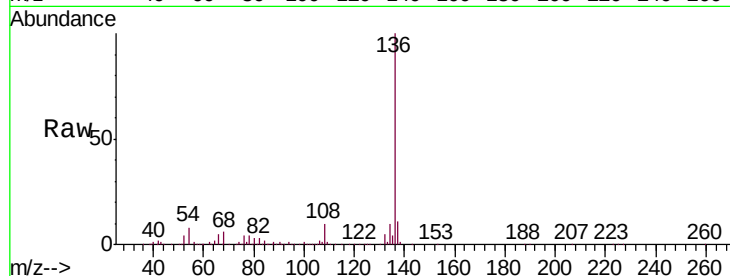




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

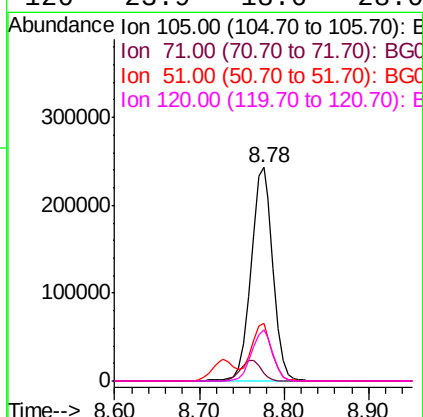
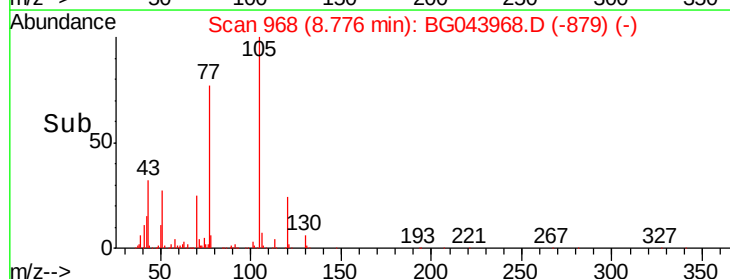
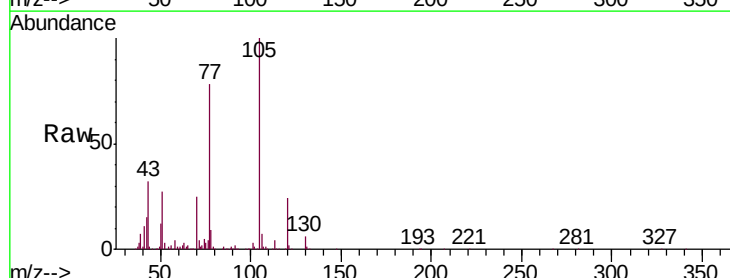
Instrument :
BNA_G
ClientSampleId :
PB125946BS

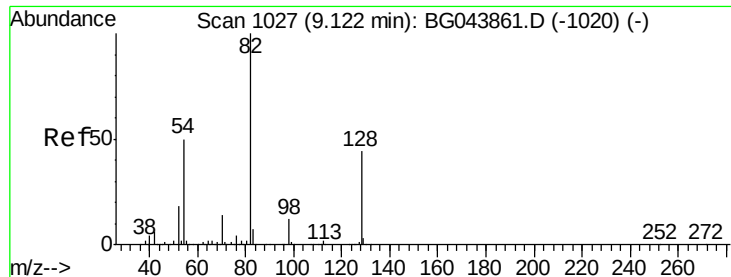
Tgt Ion:	136	Resp:	469461
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.2	7.0	10.4
68	6.1	4.9	7.3



#22
Acetophenone
Concen: 37.662 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion:	105	Resp:	439557
Ion	Ratio	Lower	Upper
105	100		
71	3.9	4.8	7.2#
51	27.1	21.4	32.0
120	23.9	18.6	28.0

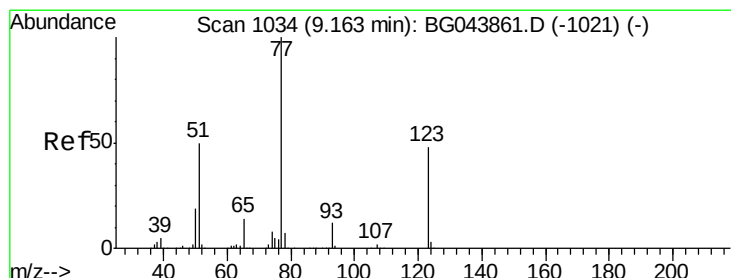
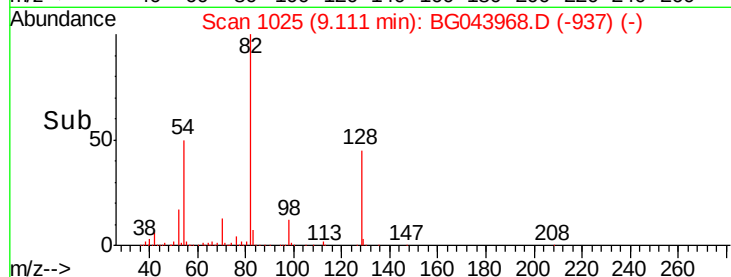
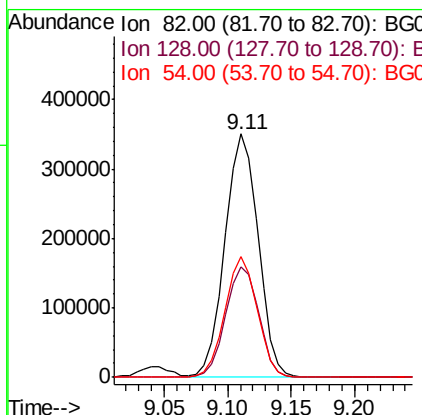
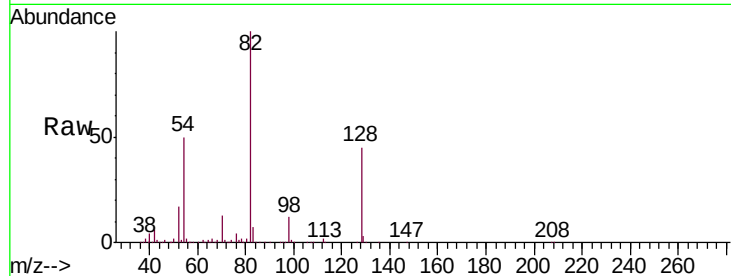




#23
 Nitrobenzene-d5
 Concen: 72.303 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

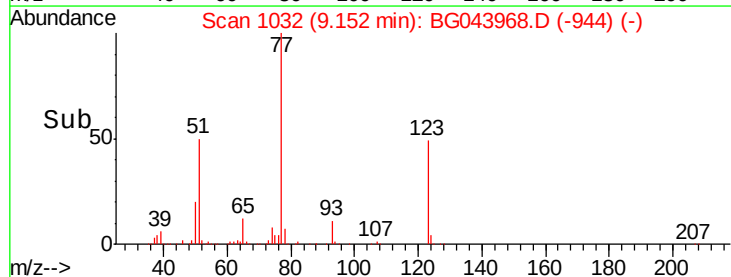
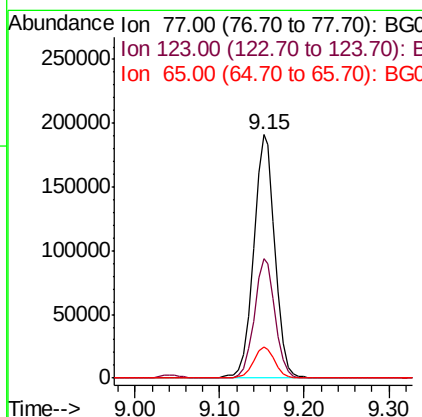
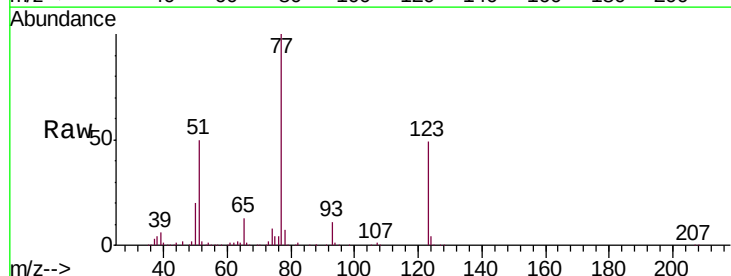
Instrument :
 BNA_G
 ClientSampleId :
 PB125946BS

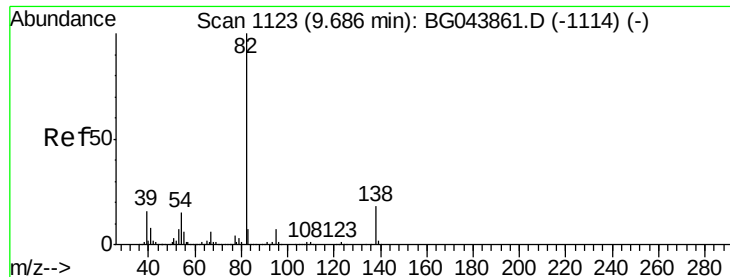
Tgt Ion: 82 Resp: 634505
 Ion Ratio Lower Upper
 82 100
 128 45.4 35.1 52.7
 54 49.7 40.1 60.1



#24
 Nitrobenzene
 Concen: 38.457 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Tgt Ion: 77 Resp: 334252
 Ion Ratio Lower Upper
 77 100
 123 49.0 38.7 58.1
 65 12.6 11.1 16.7





#25

Isophorone

Concen: 39.722 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

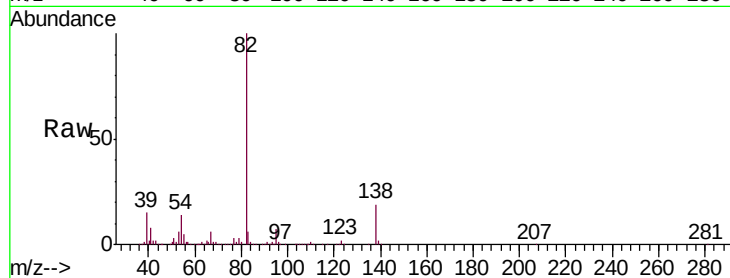
Tgt Ion: 82 Resp: 653982

Ion Ratio Lower Upper

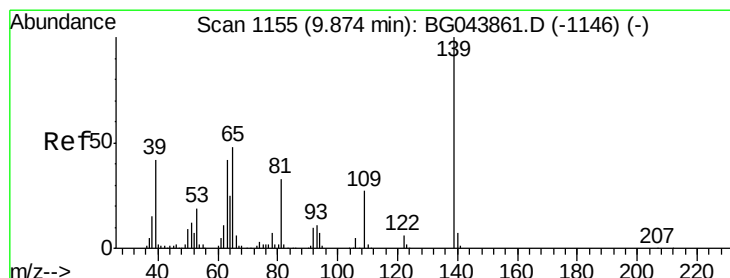
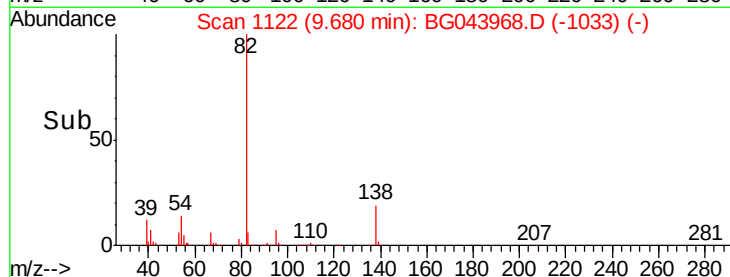
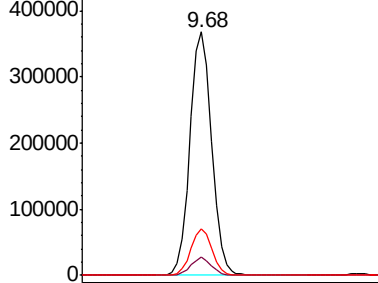
82 100

95 7.3 5.8 8.6

138 19.1 14.6 22.0



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: 44.738 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

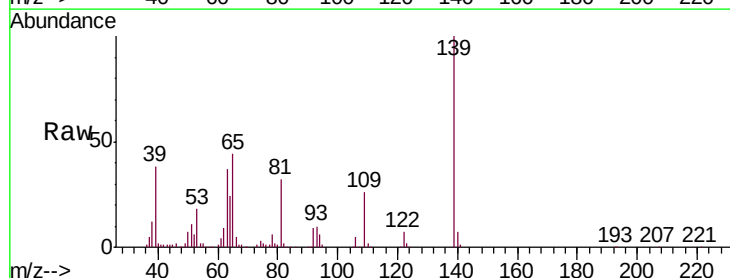
Tgt Ion: 139 Resp: 183969

Ion Ratio Lower Upper

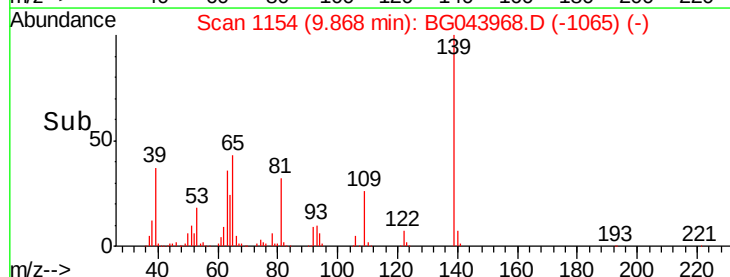
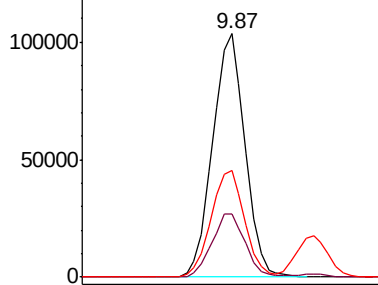
139 100

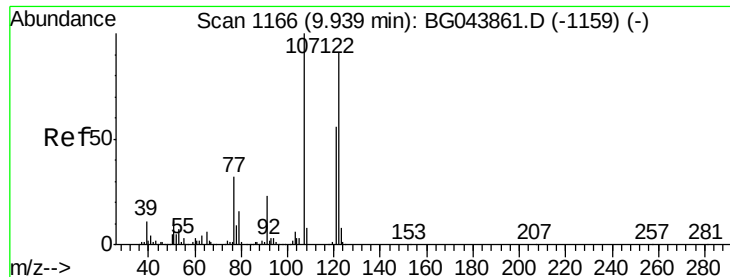
109 26.1 21.3 31.9

65 43.7 38.6 57.8



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

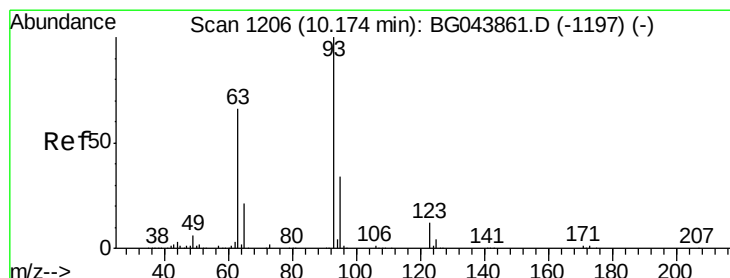
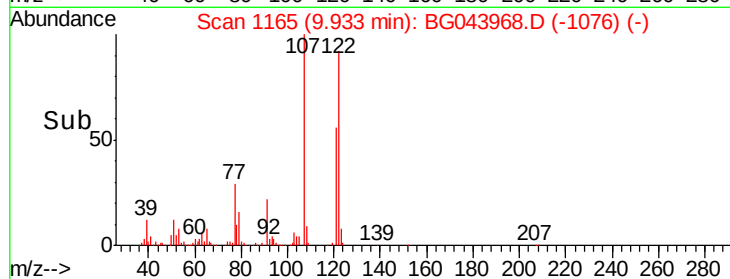
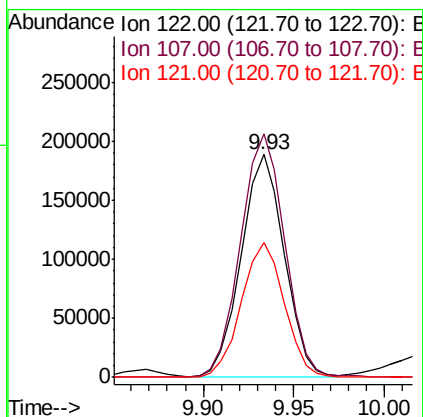
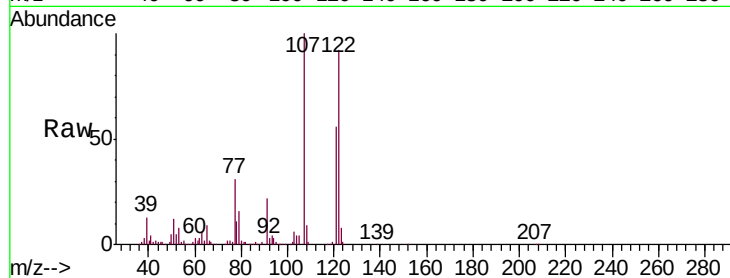




#27
 2,4-Dimethylphenol
 Concen: 50.025 ng
 RT: 9.93 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

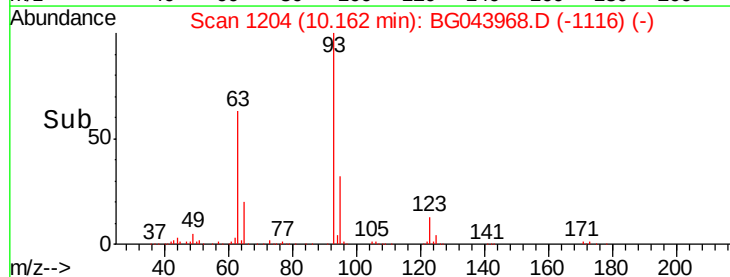
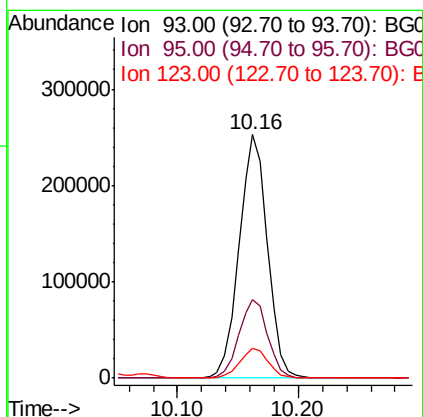
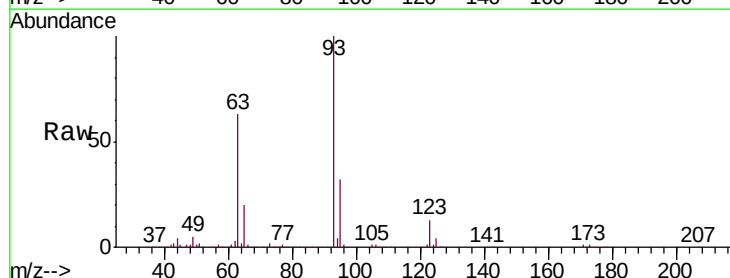
Instrument :
 BNA_G
 ClientSampleId :
 PB125946BS

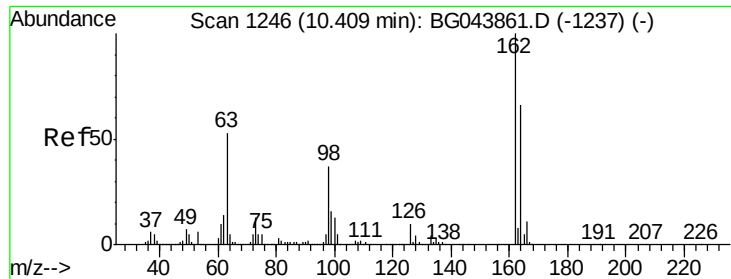
Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.3	88.0	132.0
121	60.7	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.439 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	27.2	40.8
123	12.5	9.7	14.5

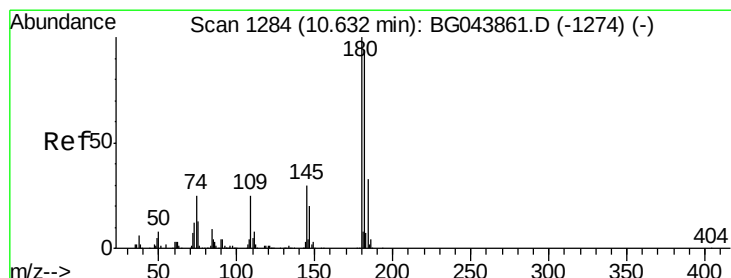
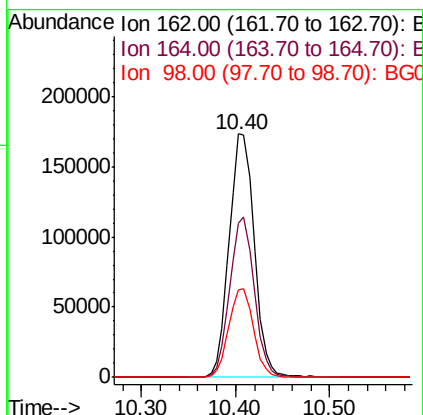
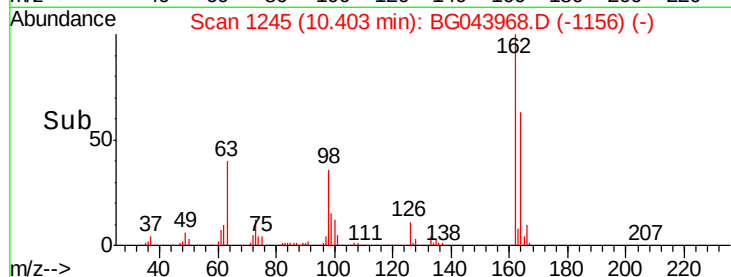
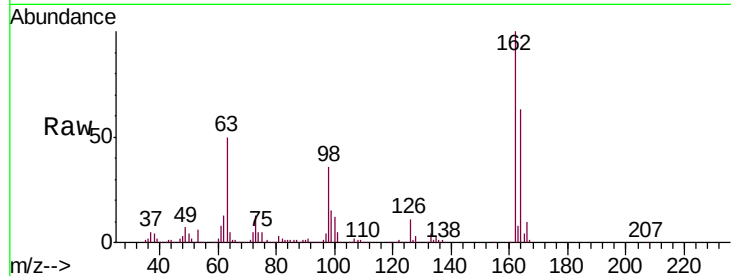




#29
2,4-Dichlorophenol
Concen: 43.832 ng
RT: 10.40 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

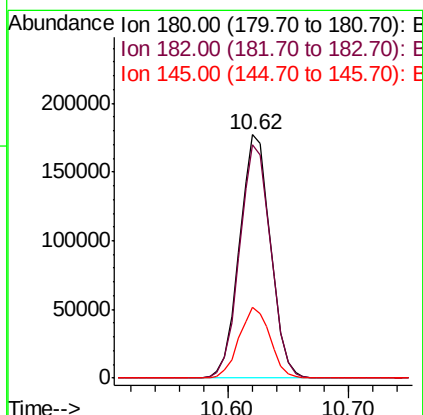
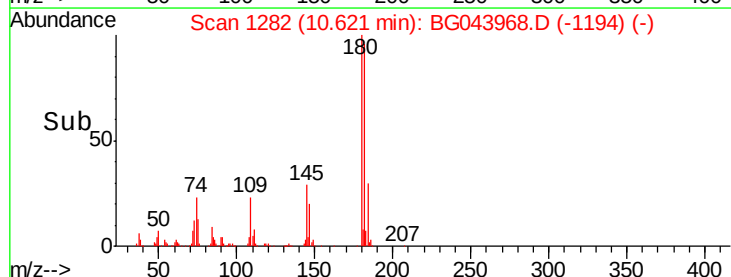
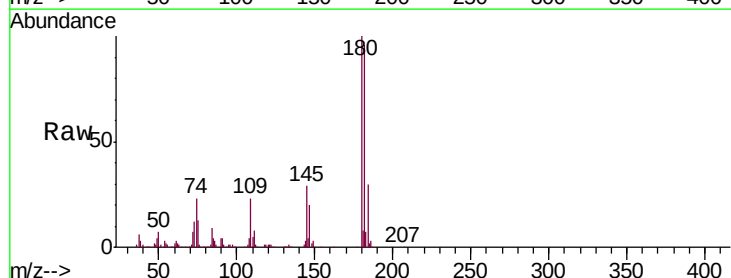
Instrument :
BNA_G
ClientSampleId :
PB125946BS

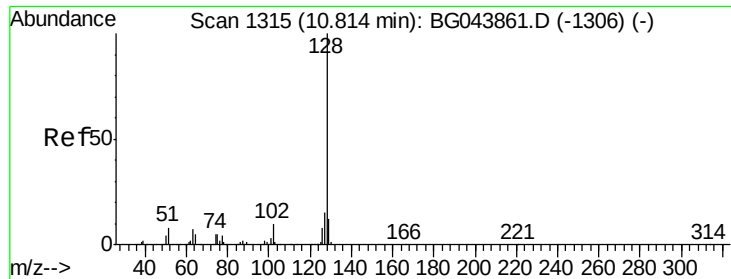
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	46.3	86.3
98	35.9	17.3	57.3



#30
1,2,4-Trichlorobenzene
Concen: 38.212 ng
RT: 10.62 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.0	112.4
145	28.9	24.2	36.4

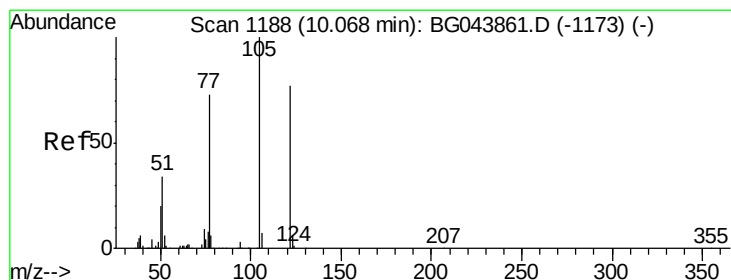
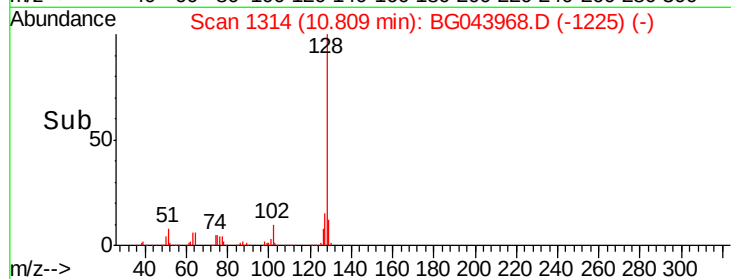
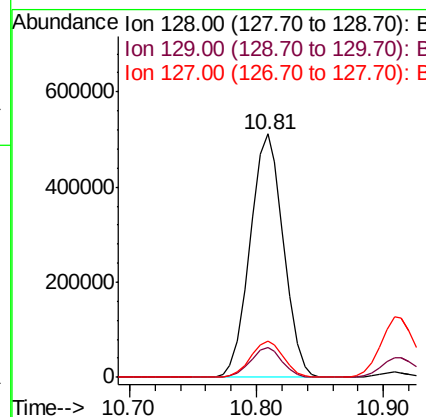
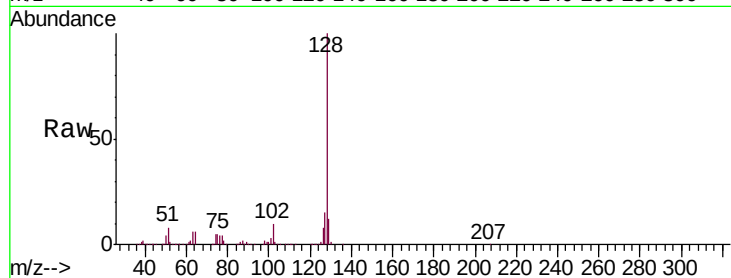




#31
Naphthalene
Concen: 41.095 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

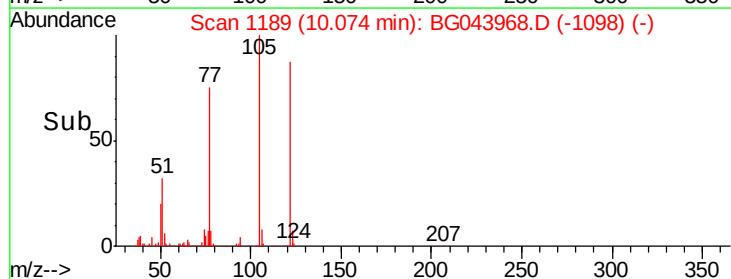
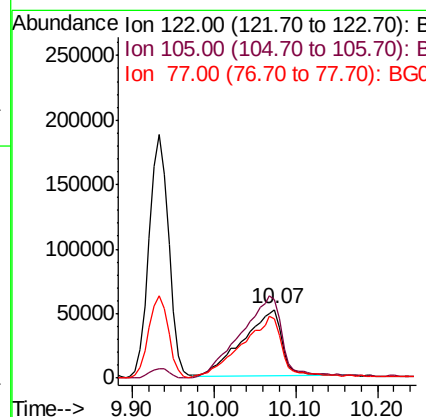
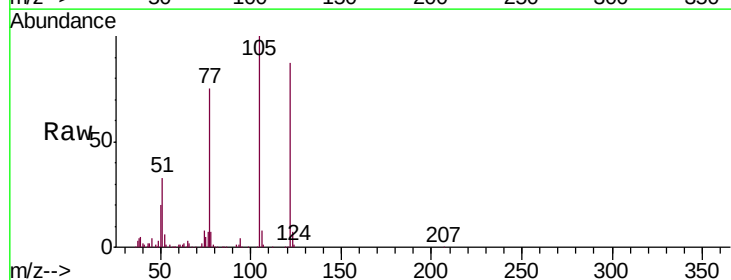
Instrument :
BNA_G
ClientSampleId :
PB125946BS

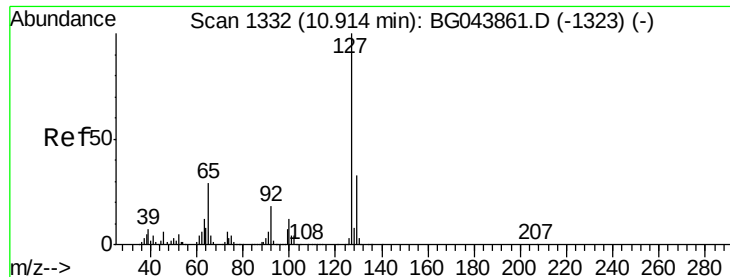
Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.8	14.6
127	14.9	12.0	18.0



#32
Benzoic acid
Concen: 36.474 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.9	106.4	146.4
77	86.6	74.6	114.6

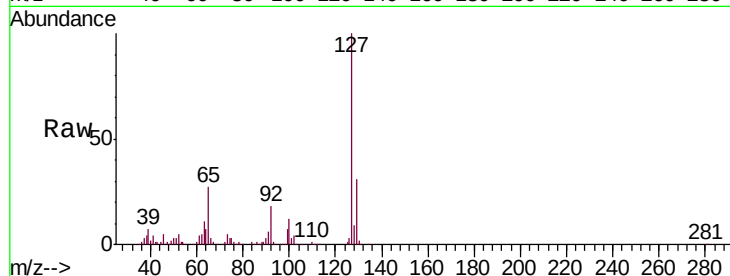




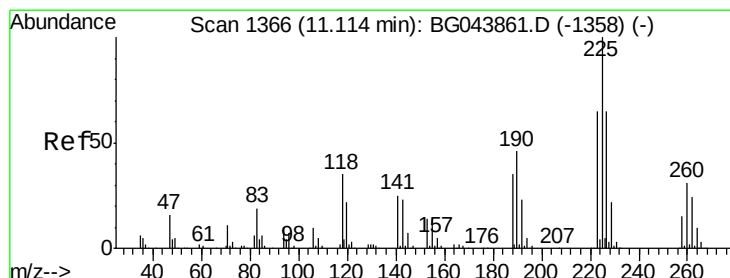
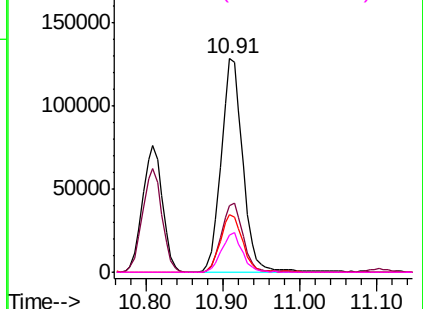
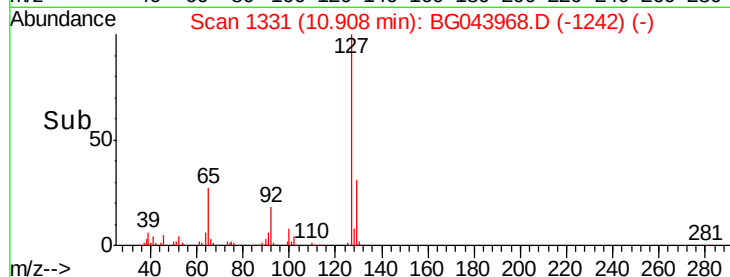
#33
4-Chloroaniline
Concen: 22.964 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tgt Ion:	127	Resp:	248832
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.6	40.0
65	27.0	23.3	34.9
92	17.5	14.7	22.1

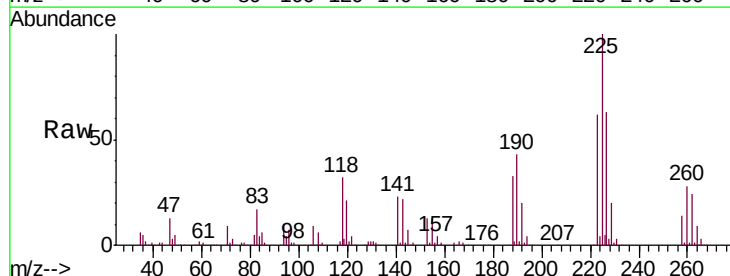


Abundance Ion 127.00 (126.70 to 127.70): E
200000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

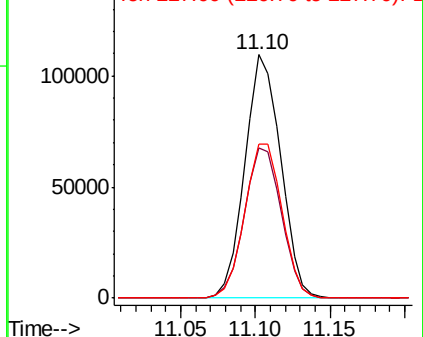
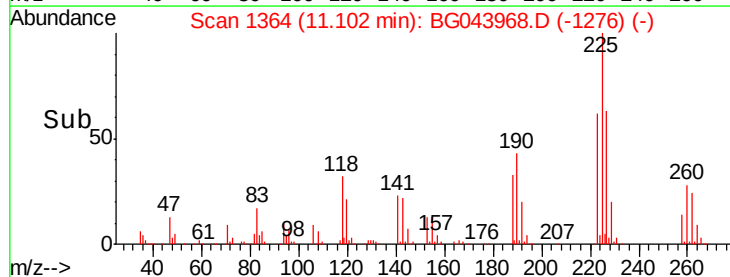


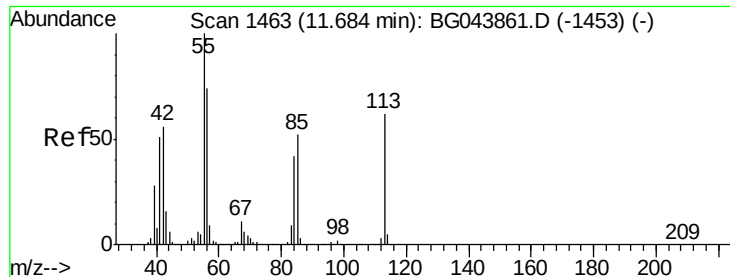
#34
Hexachlorobutadiene
Concen: 35.992 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion:	225	Resp:	181929
Ion	Ratio	Lower	Upper
225	100		
223	61.5	52.2	78.4
227	63.1	52.1	78.1



Abundance Ion 225.00 (224.70 to 225.70): E
150000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.792 ng

RT: 11.68 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

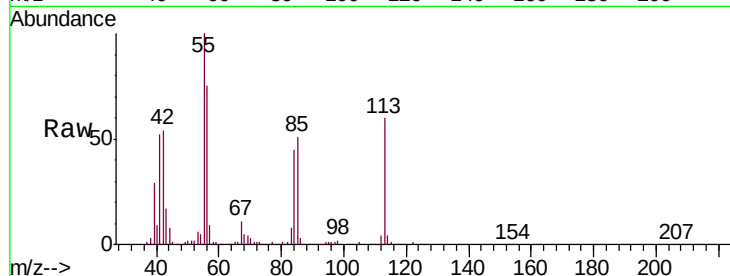
Tgt Ion:113 Resp: 68145

Ion Ratio Lower Upper

113 100

55 166.7 142.5 182.5

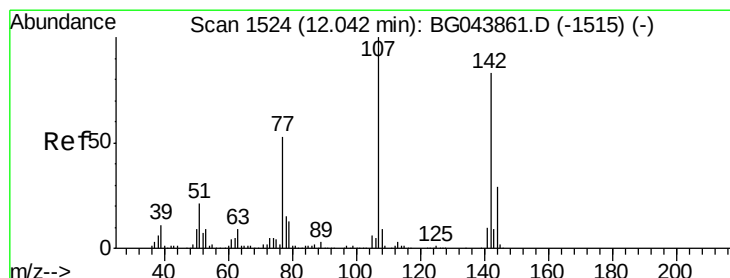
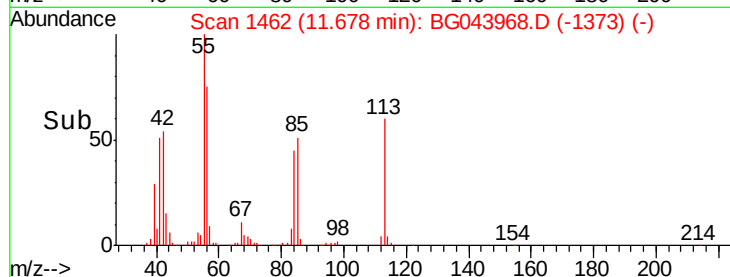
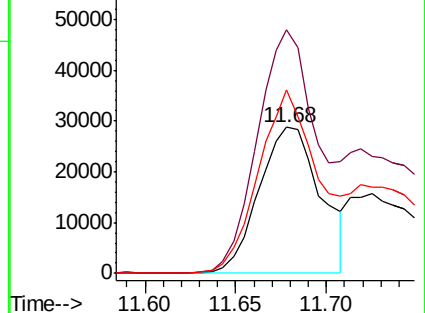
56 125.3 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.805 ng

RT: 12.04 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

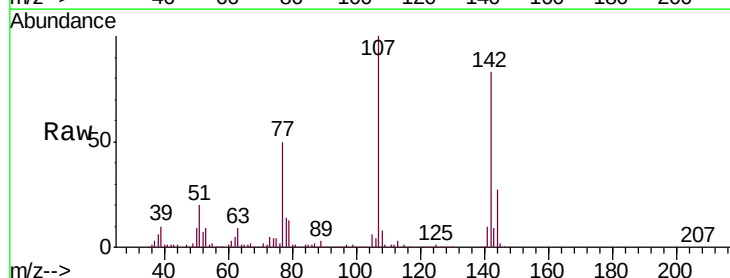
Tgt Ion:107 Resp: 344317

Ion Ratio Lower Upper

107 100

144 26.9 23.4 35.2

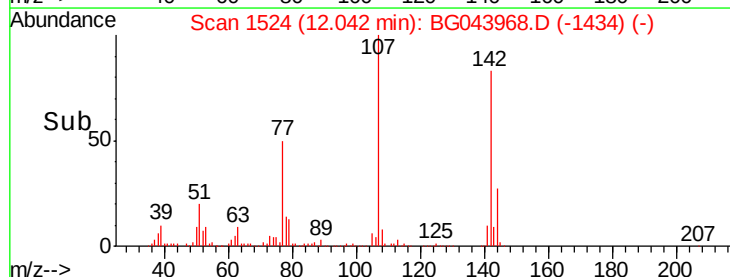
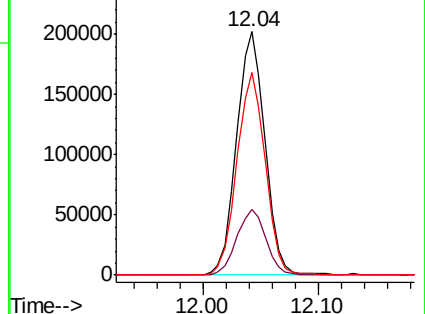
142 83.2 66.3 99.5

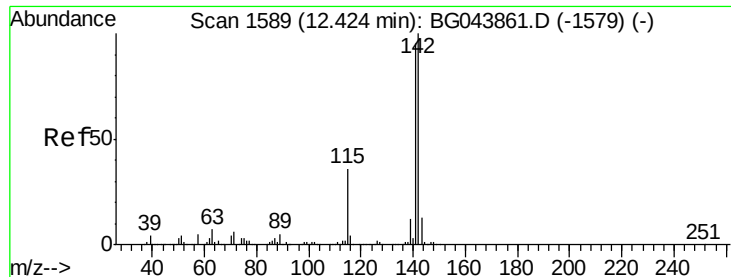


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

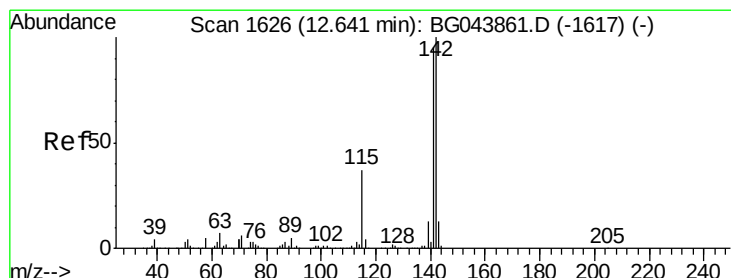
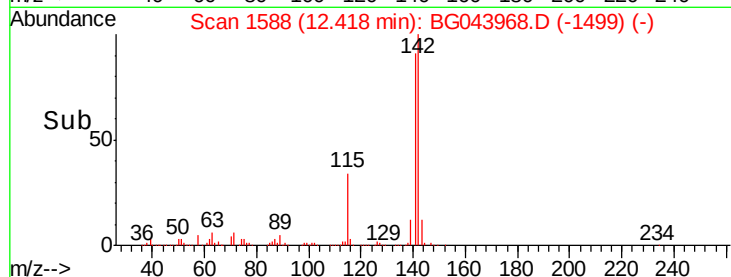
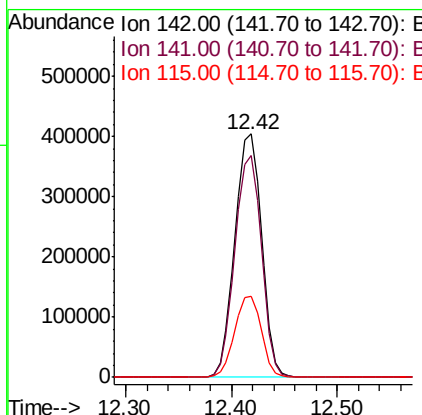
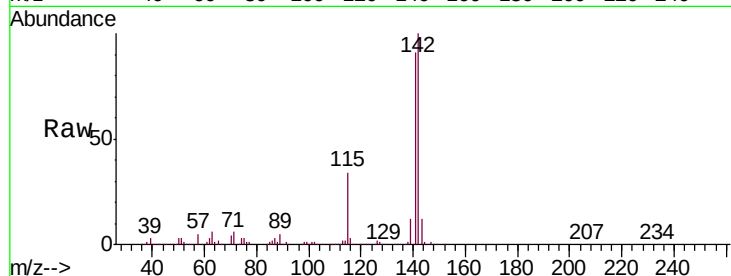




#37
 2-Methylnaphthalene
 Concen: 41.474 ng
 RT: 12.42 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

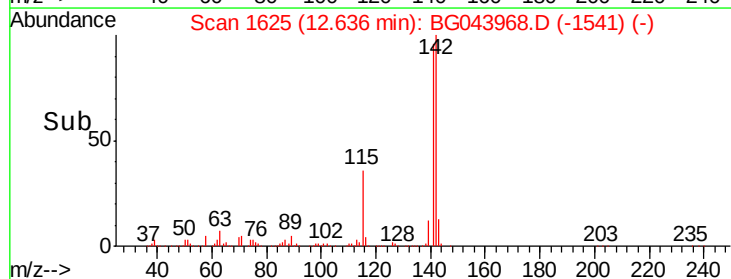
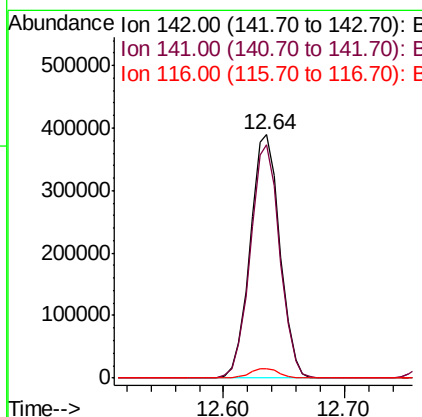
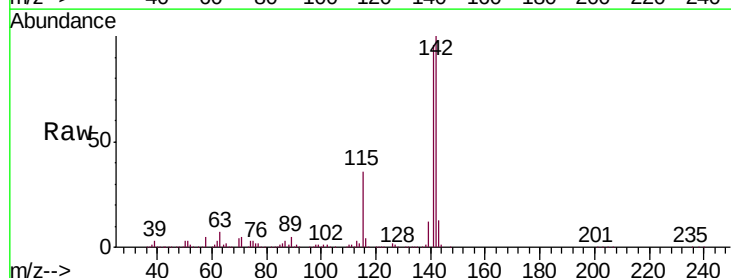
Instrument :
 BNA_G
 ClientSampleId :
 PB125946BS

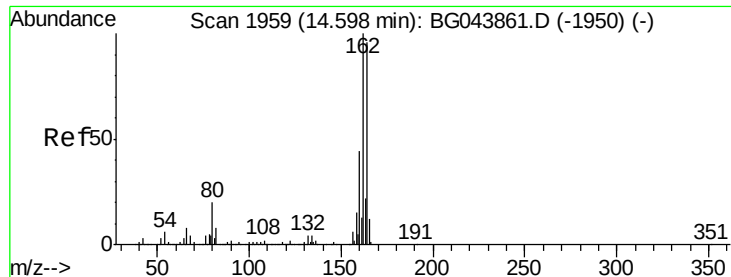
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	75.8	113.8
115	33.5	28.6	42.8



#38
 1-Methylnaphthalene
 Concen: 41.115 ng
 RT: 12.64 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.0	76.0	114.0
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

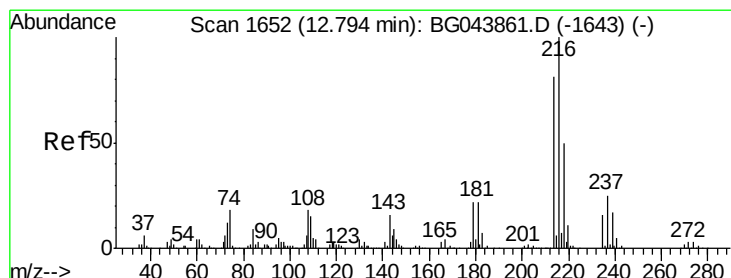
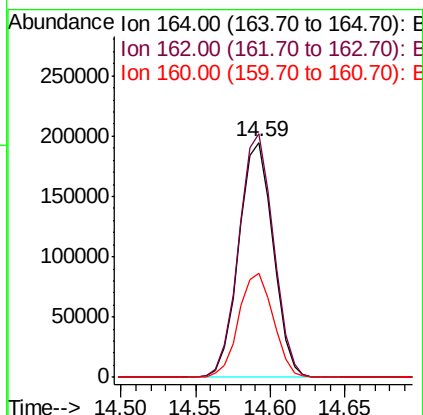
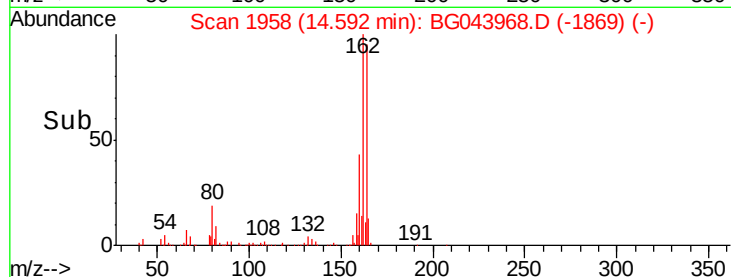
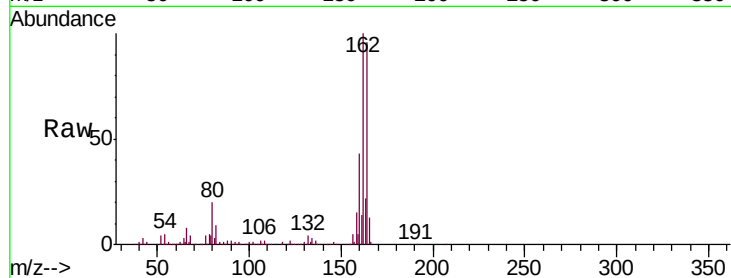
Tgt Ion:164 Resp: 310258

Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.4

160 44.3 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.332 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Tgt Ion:216 Resp: 330392

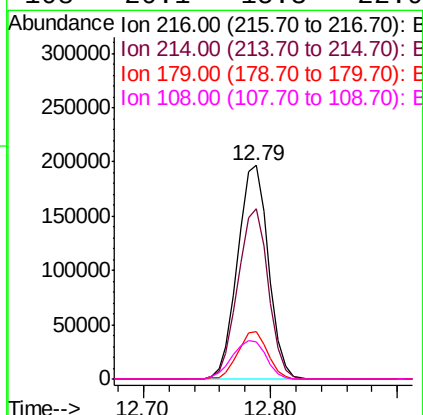
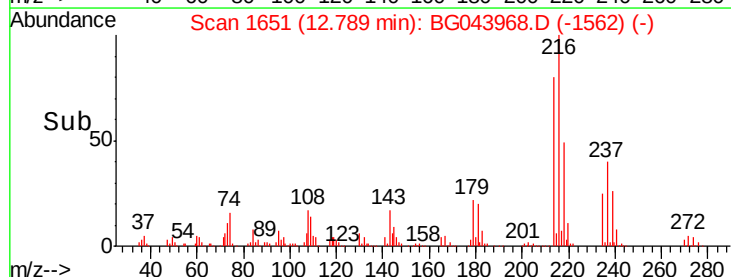
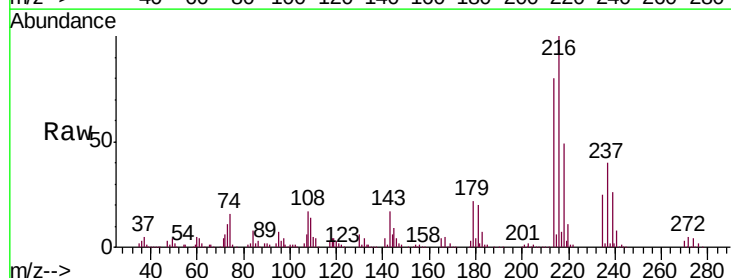
Ion Ratio Lower Upper

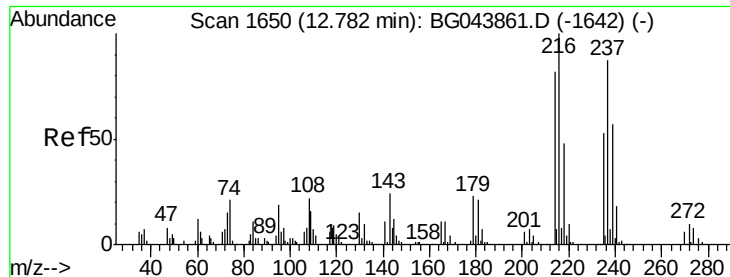
216 100

214 79.0 63.8 95.8

179 21.5 17.3 25.9

108 20.1 15.3 22.9





#41

Hexachlorocyclopentadiene

Concen: 84.292 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

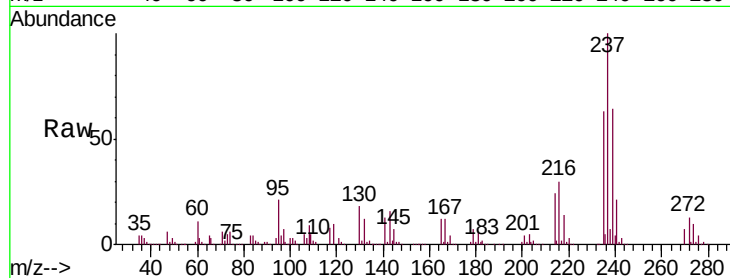
Tgt Ion: 237 Resp: 397397

Ion Ratio Lower Upper

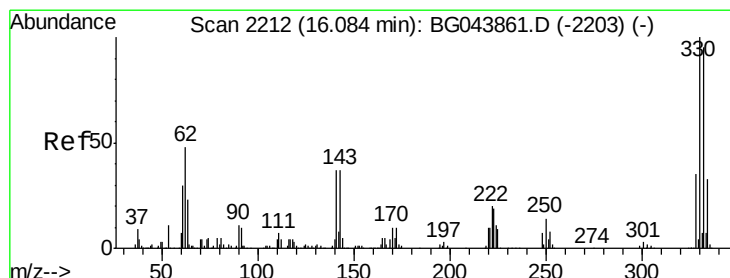
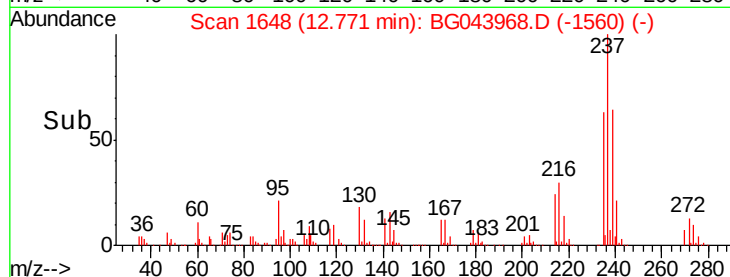
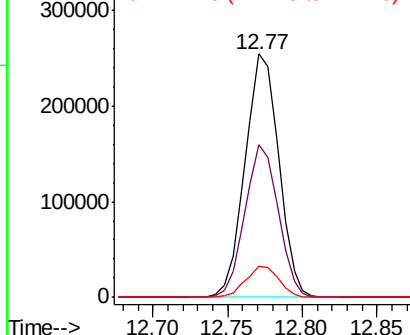
237 100

235 62.5 41.1 81.1

272 12.7 0.0 31.7



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



#42

2,4,6-Tribromophenol

Concen: 118.970 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

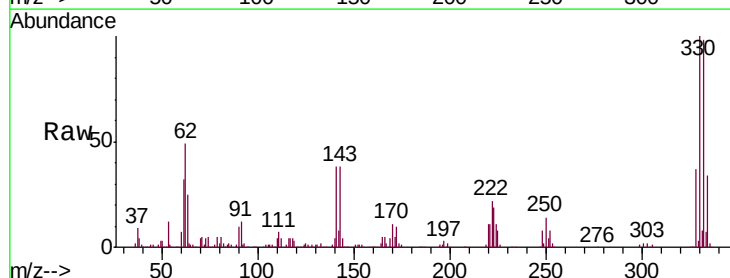
Tgt Ion: 330 Resp: 386269

Ion Ratio Lower Upper

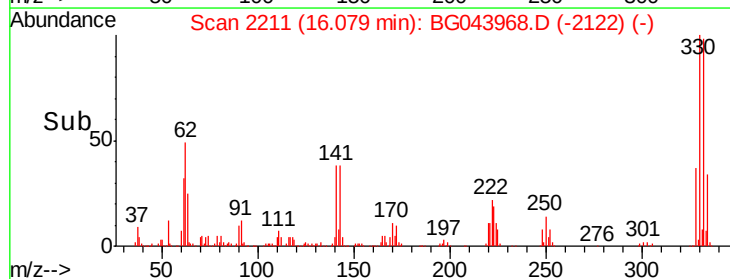
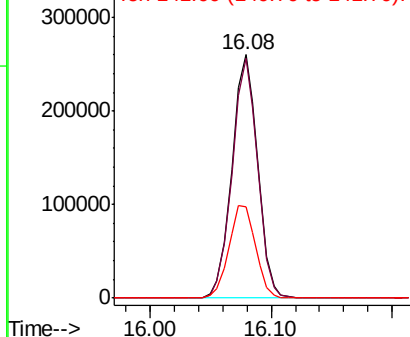
330 100

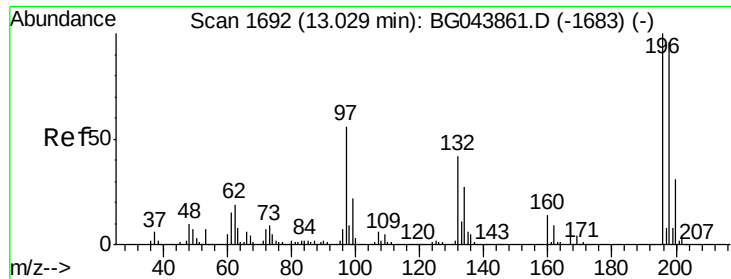
332 97.1 77.2 115.8

141 39.6 33.1 49.7



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

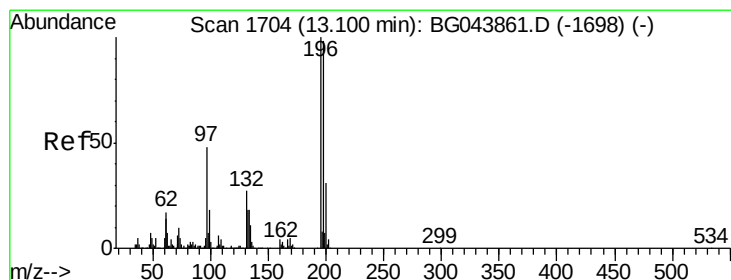
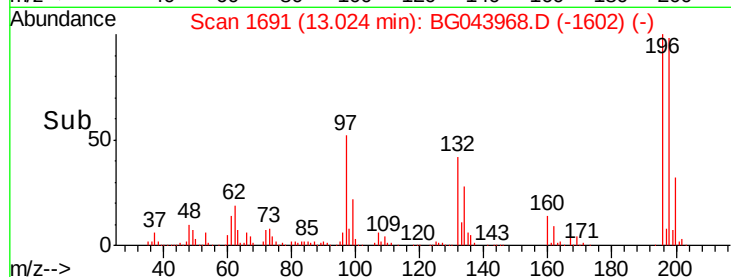
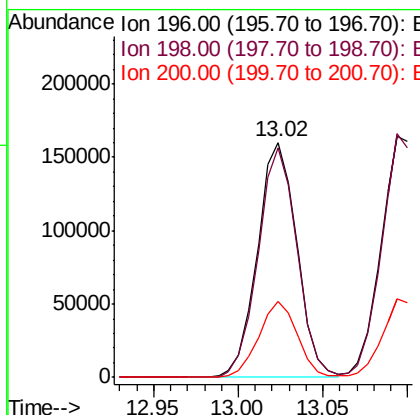
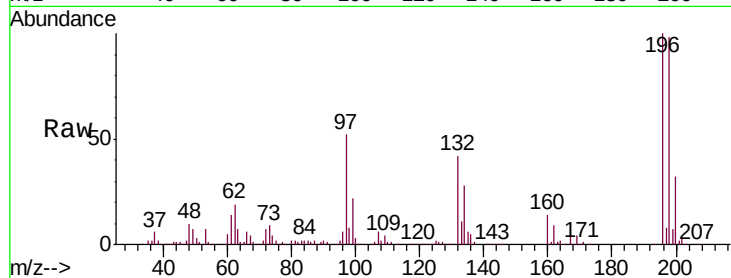




#43
 2,4,6-Trichlorophenol
 Concen: 41.397 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

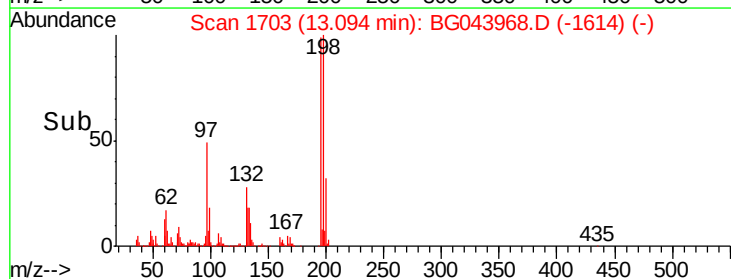
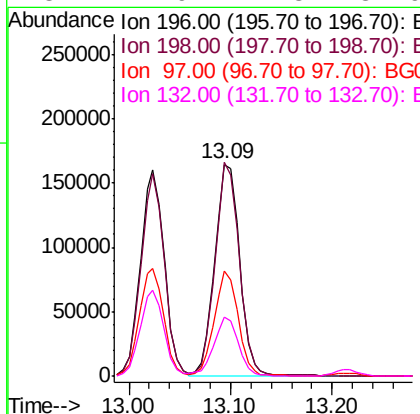
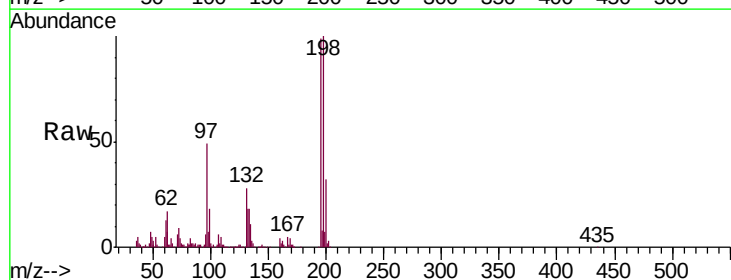
Instrument :
 BNA_G
 ClientSampleId :
 PB125946BS

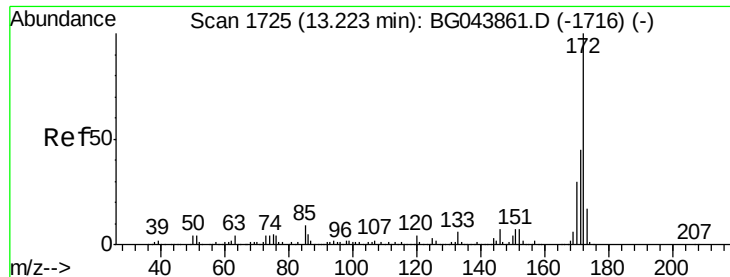
Tgt Ion:196 Resp: 259028
 Ion Ratio Lower Upper
 196 100
 198 98.1 76.6 115.0
 200 32.4 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.489 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Tgt Ion:196 Resp: 280655
 Ion Ratio Lower Upper
 196 100
 198 101.1 78.3 117.5
 97 49.6 38.8 58.2
 132 27.9 21.3 31.9

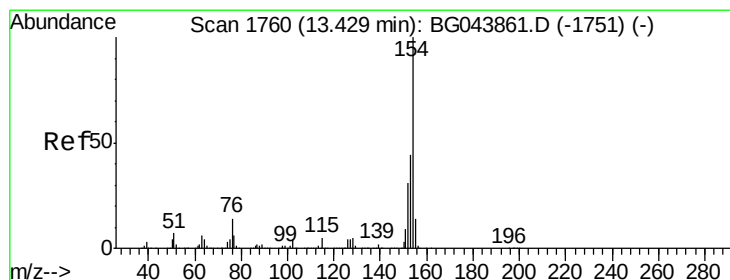
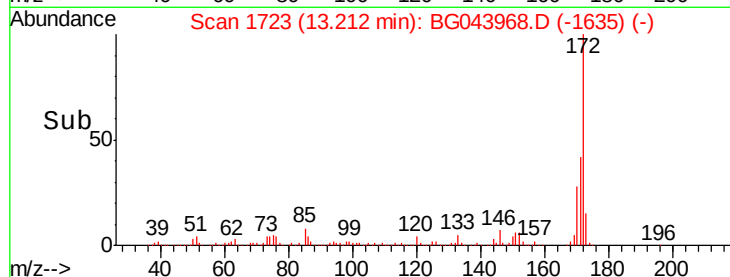
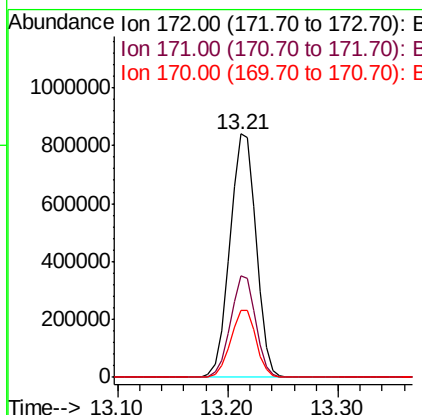
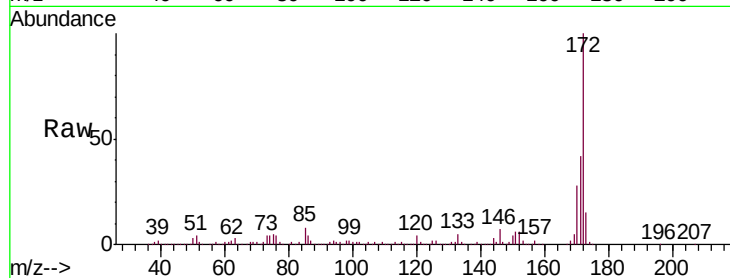




#45
 2-Fluorobiphenyl
 Concen: 81.597 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

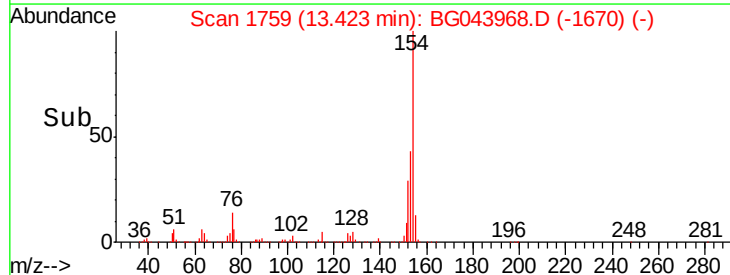
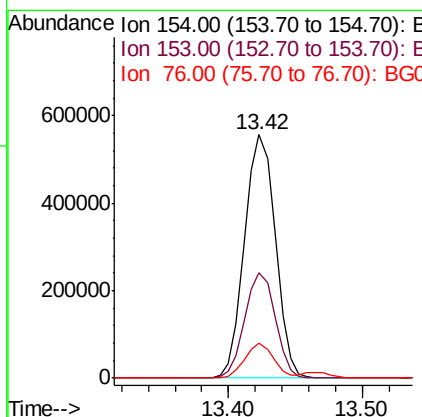
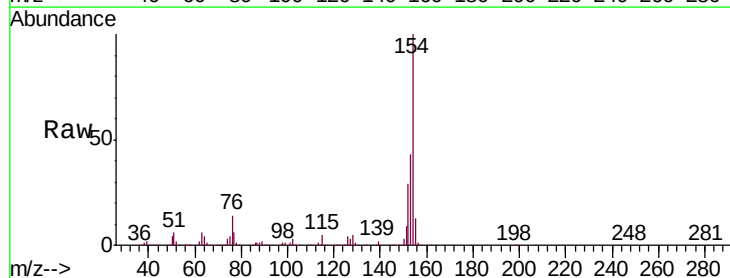
Instrument :
 BNA_G
 ClientSampleId :
 PB125946BS

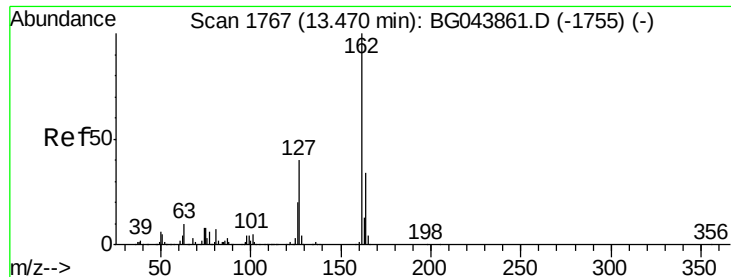
Tgt Ion:172 Resp: 1397322
 Ion Ratio Lower Upper
 172 100
 171 41.8 35.8 53.8
 170 27.7 24.2 36.4



#46
 1,1'-Biphenyl
 Concen: 39.905 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Tgt Ion:154 Resp: 887681
 Ion Ratio Lower Upper
 154 100
 153 43.1 23.6 63.6
 76 14.1 0.0 34.4

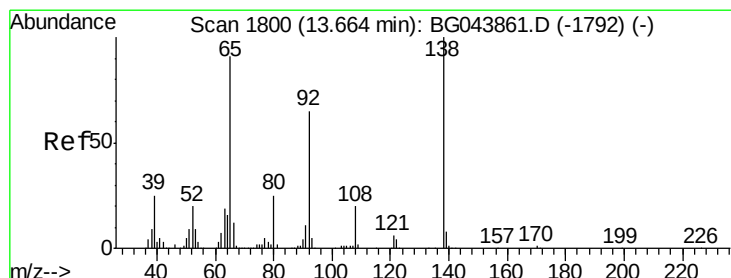
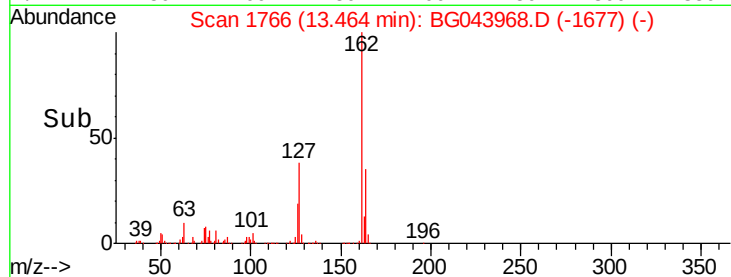
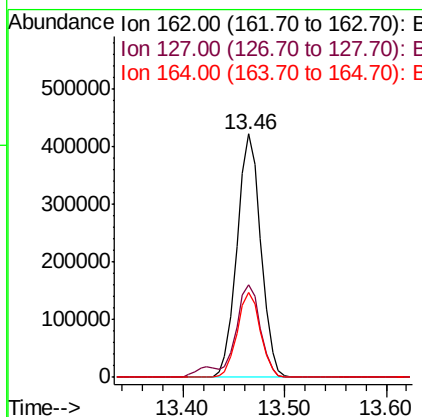
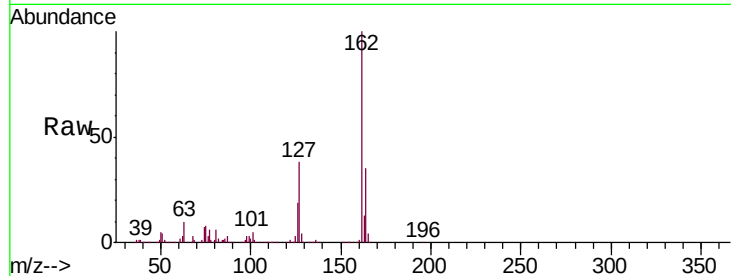




#47
 2-Chloronaphthalene
 Concen: 38.116 ng
 RT: 13.46 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

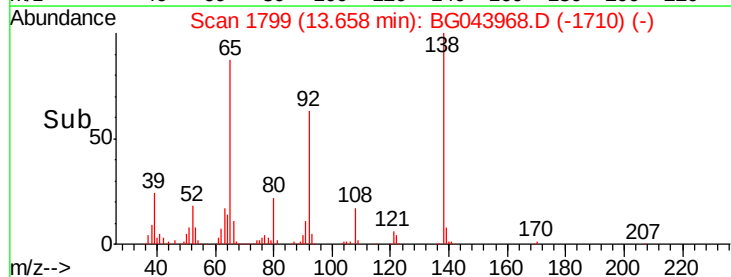
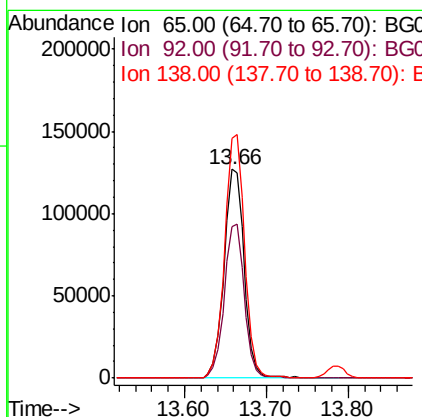
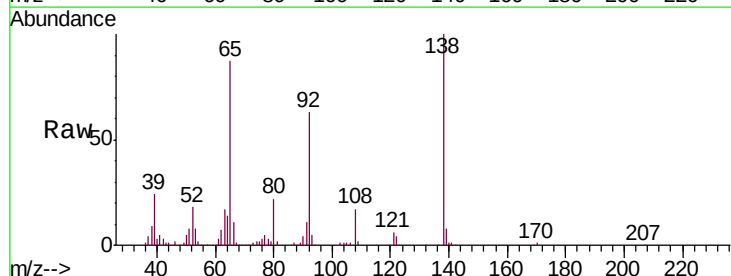
Instrument :
 BNA_G
 ClientSampled :
 PB125946BS

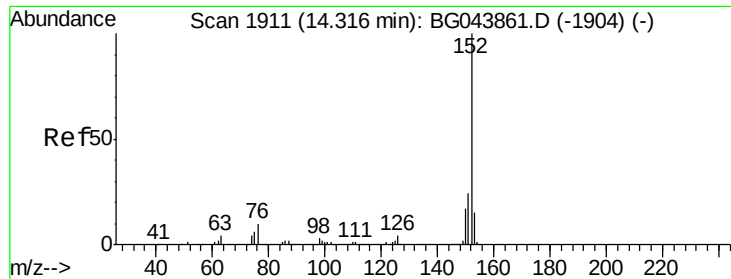
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	32.1	48.1
164	34.7	27.5	41.3



#48
 2-Nitroaniline
 Concen: 37.728 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	57.4	86.2
138	114.9	88.2	132.4





#49

Acenaphthylene

Concen: 42.355 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

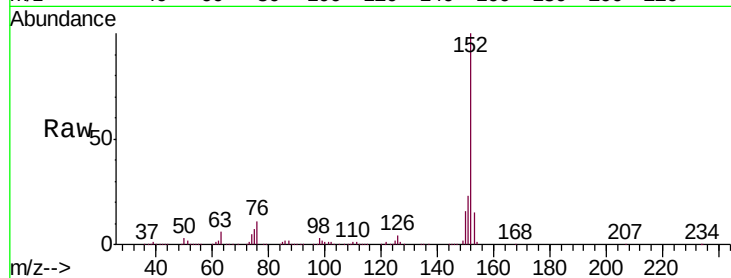
Tgt Ion:152 Resp: 1094291

Ion Ratio Lower Upper

152 100

151 23.3 19.4 29.2

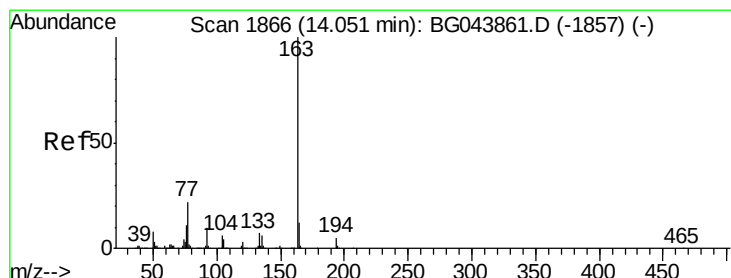
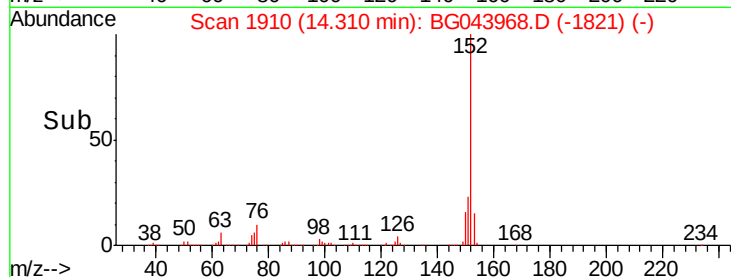
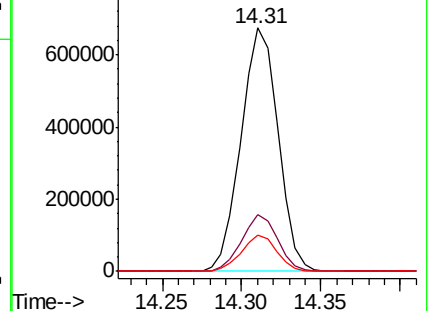
153 14.8 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.902 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

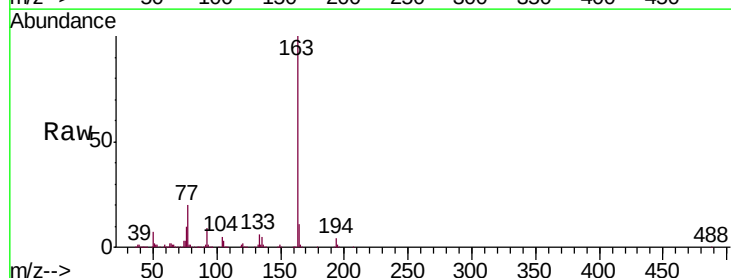
Tgt Ion:163 Resp: 901043

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

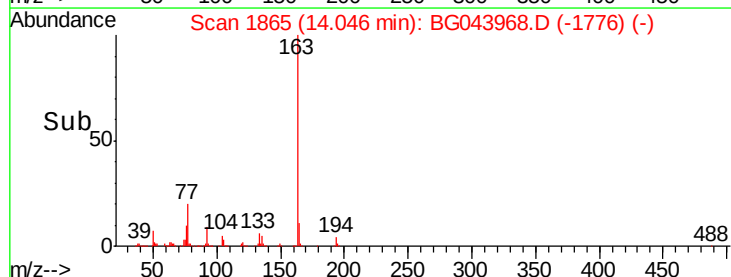
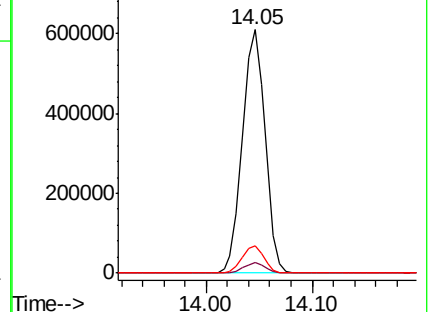
164 11.0 9.3 13.9

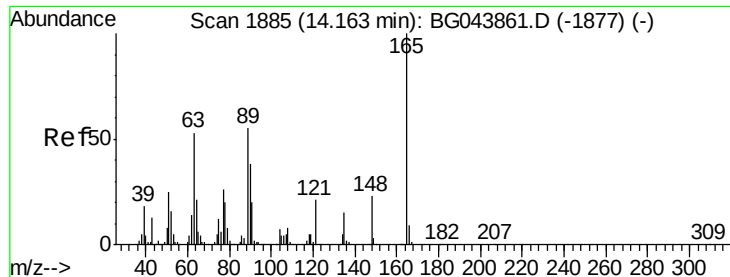


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

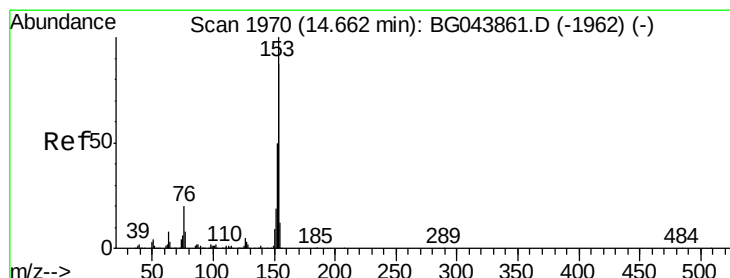
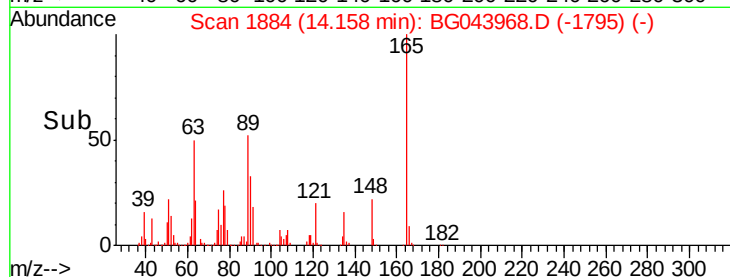
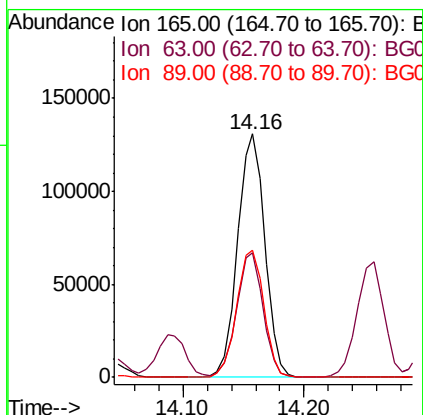
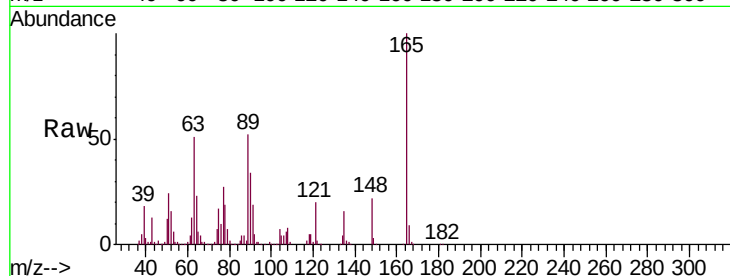




#51
 2,6-Dinitrotoluene
 Concen: 41.381 ng
 RT: 14.16 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

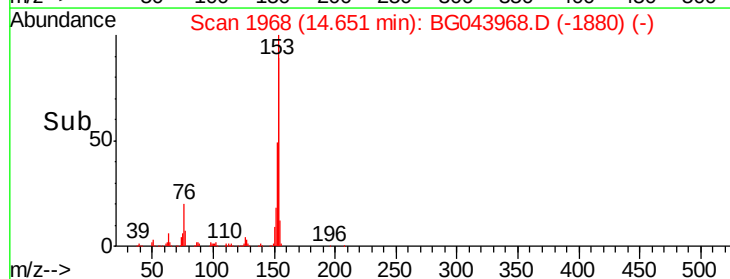
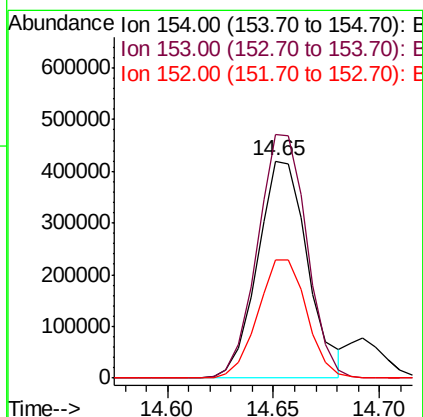
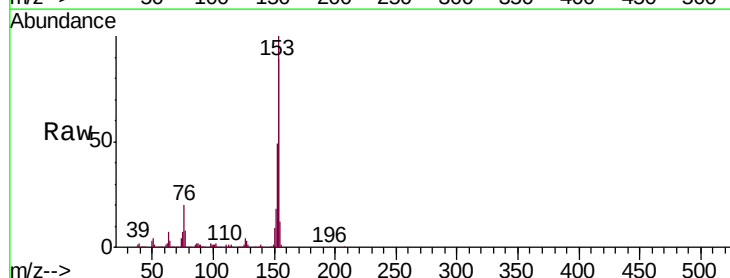
Instrument :
 BNA_G
 ClientSampleId :
 PB125946BS

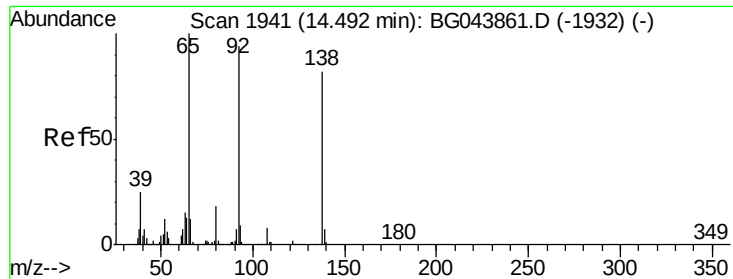
Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.1	43.1	64.7
89	52.4	43.8	65.6



#52
 Acenaphthene
 Concen: 38.157 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.6	137.4
152	54.6	45.4	68.0

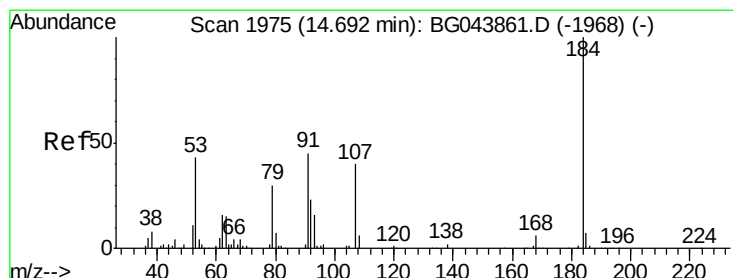
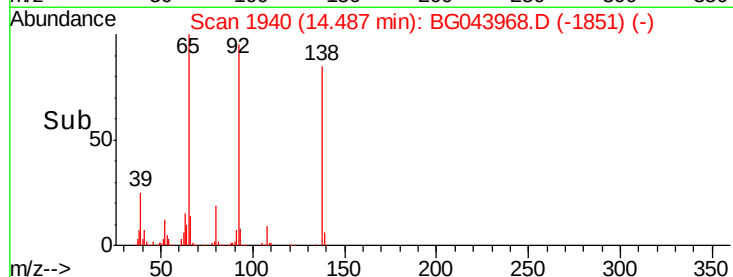
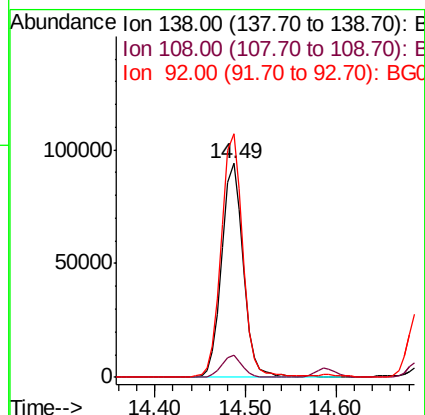
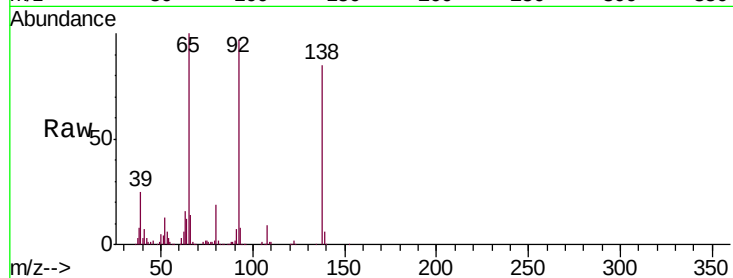




#53
 3-Nitroaniline
 Concen: 27.515 ng
 RT: 14.49 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

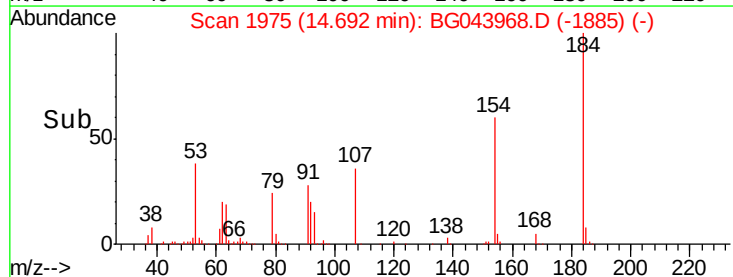
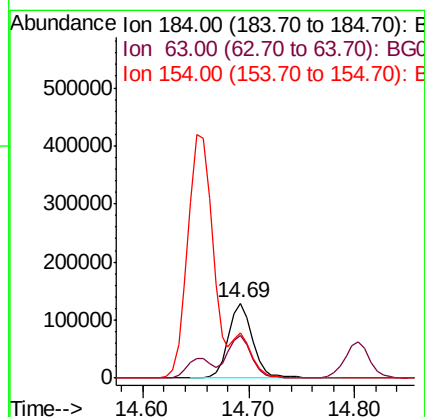
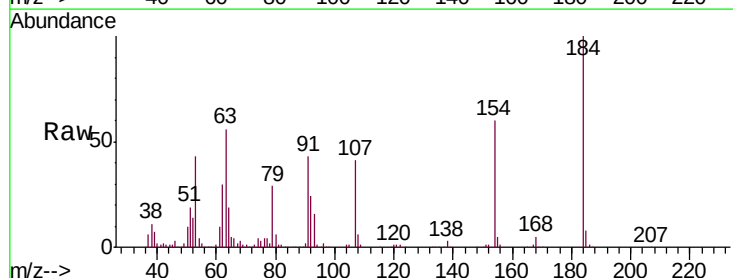
Instrument :
 BNA_G
 ClientSampleId :
 PB125946BS

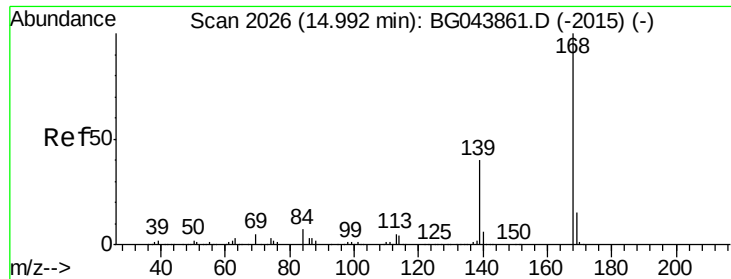
Tgt Ion:138 Resp: 155576
 Ion Ratio Lower Upper
 138 100
 108 10.3 7.4 11.2
 92 113.9 92.1 138.1



#54
 2,4-Dinitrophenol
 Concen: 80.710 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Tgt Ion:184 Resp: 204865
 Ion Ratio Lower Upper
 184 100
 63 56.2 46.6 70.0
 154 59.9 50.2 75.4





#55

Dibenzofuran

Concen: 41.990 ng

RT: 14.99 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

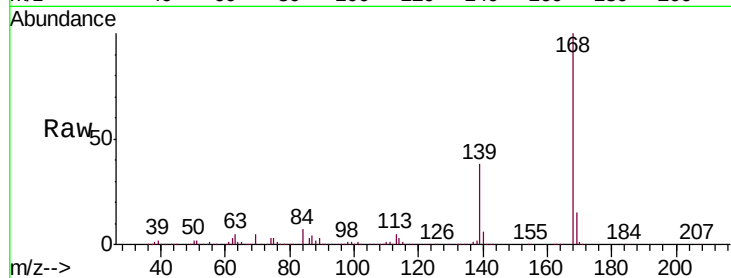
Tgt Ion:168 Resp: 1047326

Ion Ratio Lower Upper

168 100

139 38.3 32.2 48.2

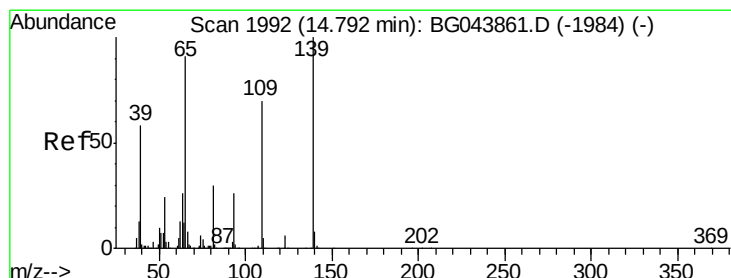
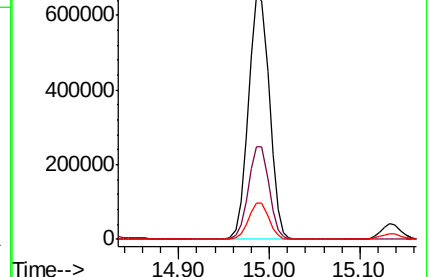
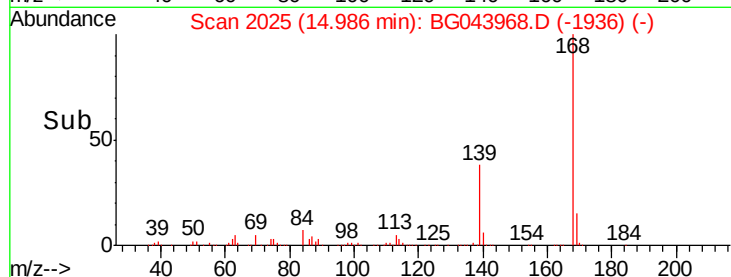
169 15.0 12.2 18.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 91.948 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

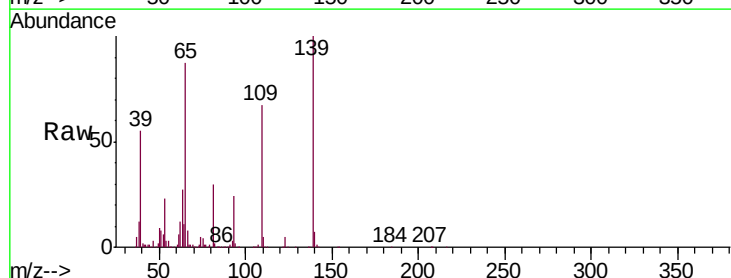
Tgt Ion:139 Resp: 398403

Ion Ratio Lower Upper

139 100

109 66.8 50.4 90.4

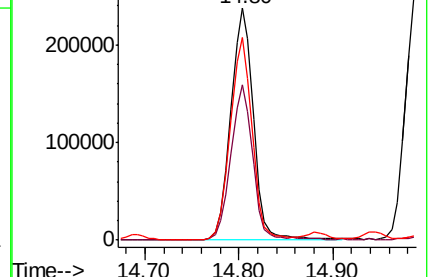
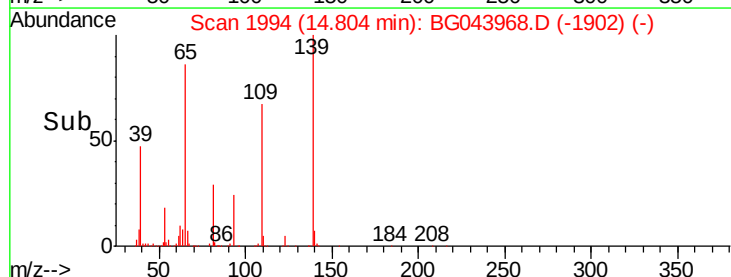
65 87.2 71.4 111.4

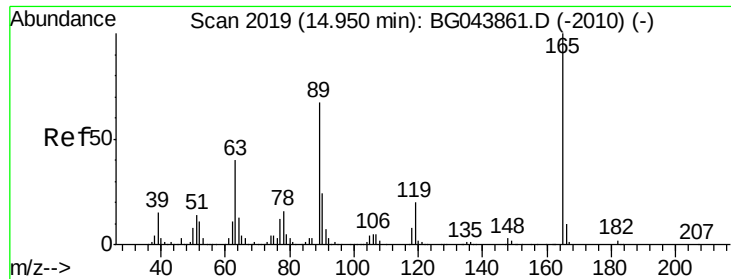


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

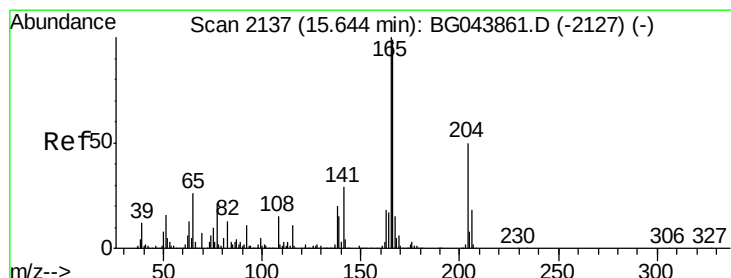
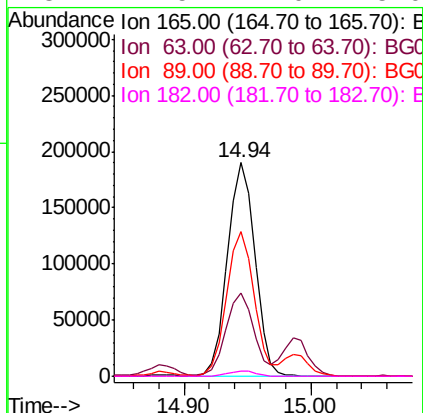
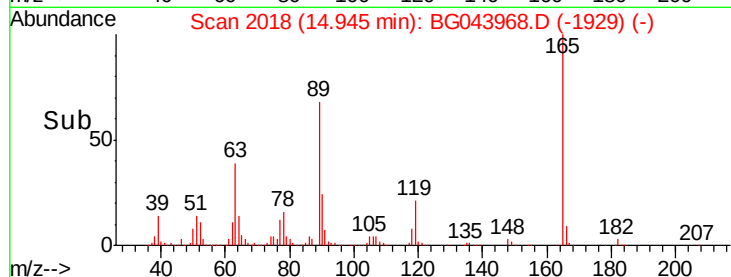
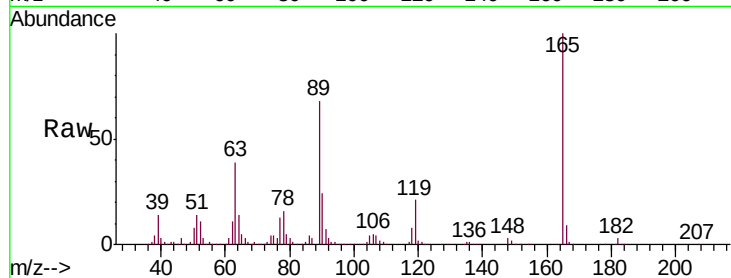




#57
2,4-Dinitrotoluene
Concen: 42.161 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

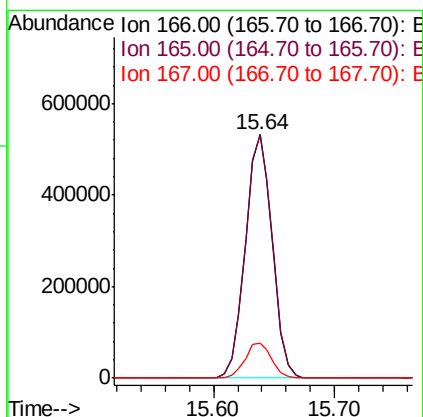
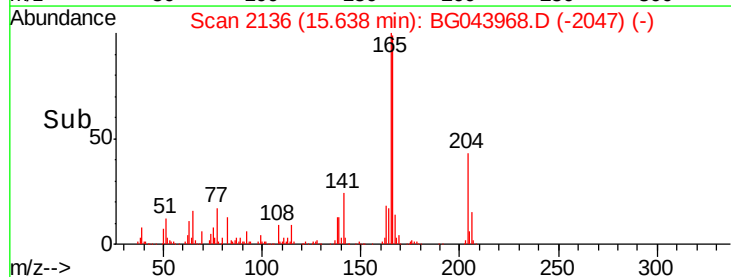
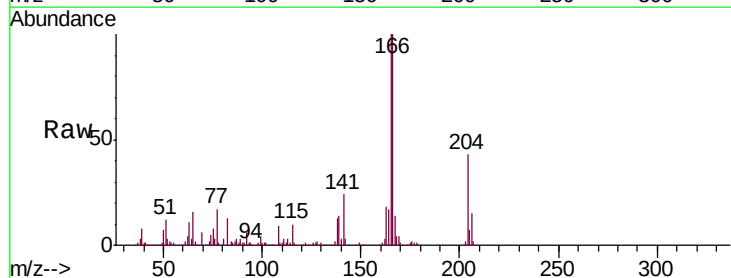
Instrument :
BNA_G
ClientSampleId :
PB125946BS

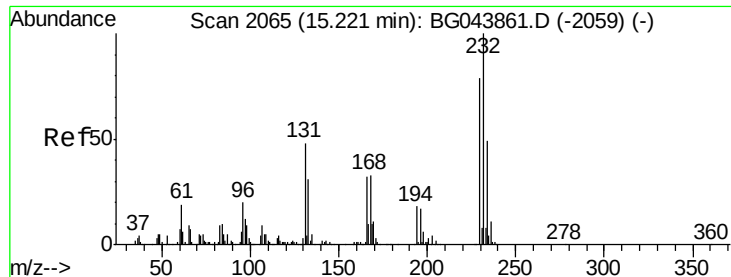
Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.9	31.9	47.9
89	68.0	53.8	80.6
182	2.5	2.0	3.0



#58
Fluorene
Concen: 41.565 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	80.8	121.2
167	14.4	12.1	18.1

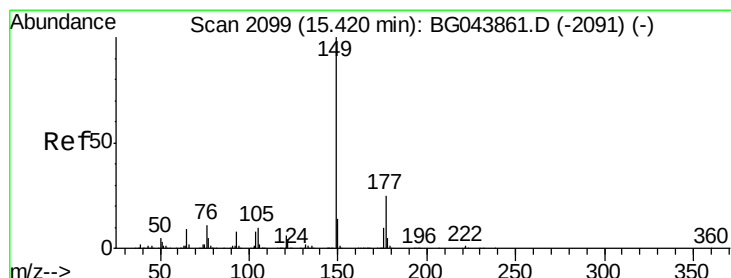
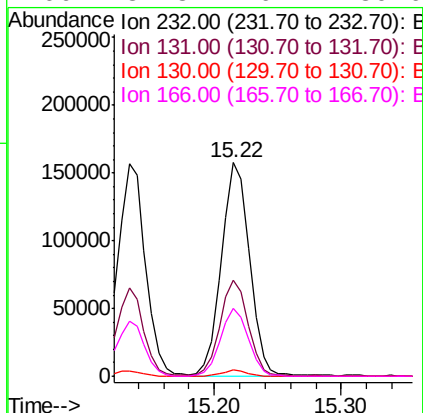
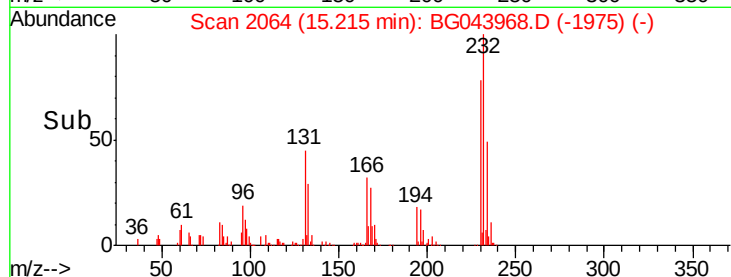
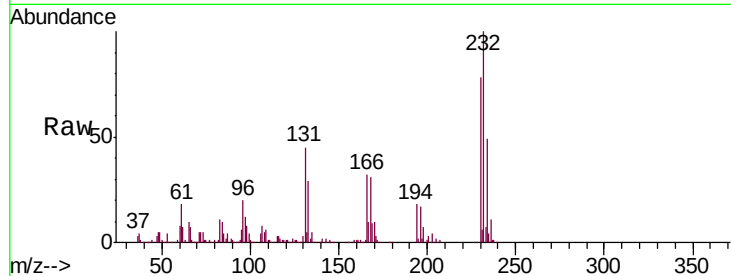




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.636 ng
 RT: 15.22 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

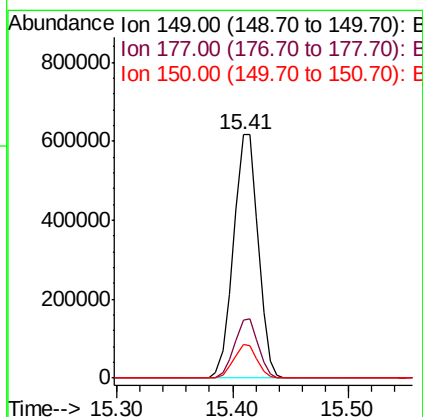
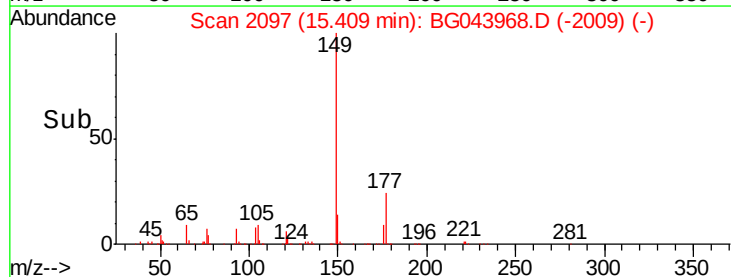
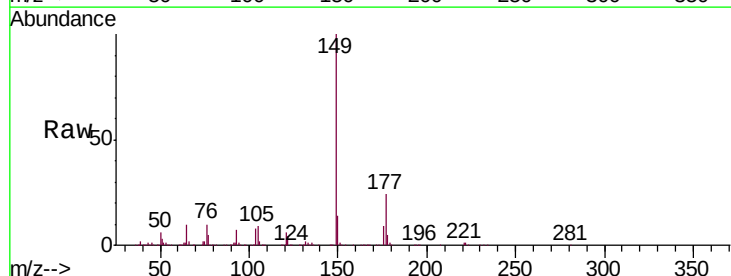
Instrument :
 BNA_G
 ClientSampleId :
 PB125946BS

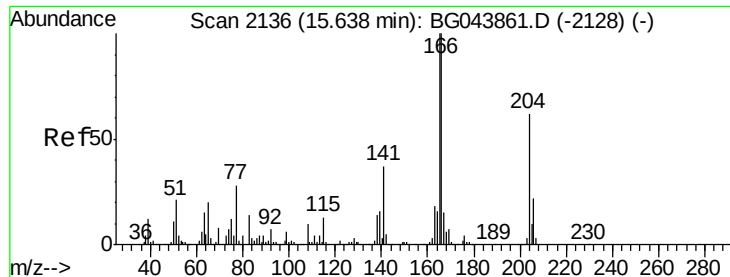
Tgt Ion:	232	Resp:	242152
Ion	Ratio	Lower	Upper
232	100		
131	44.6	38.2	57.2
130	2.7	2.2	3.2
166	31.8	26.4	39.6



#60
 Diethylphthalate
 Concen: 41.377 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Tgt Ion:	149	Resp:	911699
Ion	Ratio	Lower	Upper
149	100		
177	23.7	20.0	30.0
150	13.6	11.1	16.7

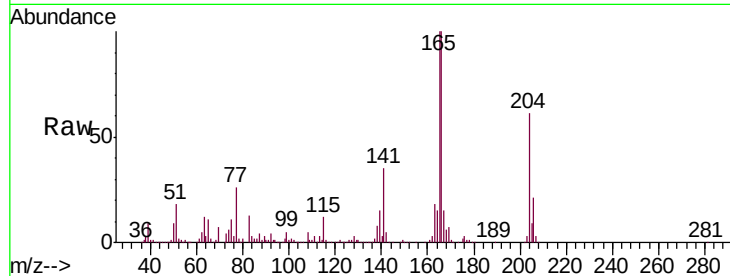




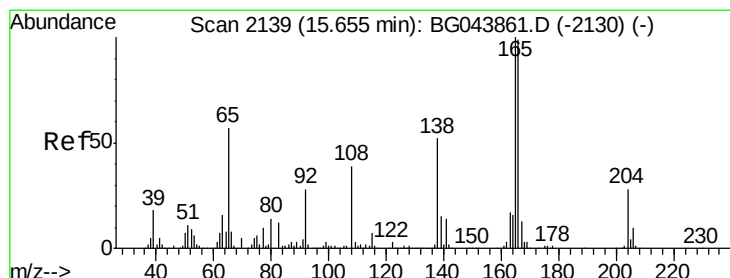
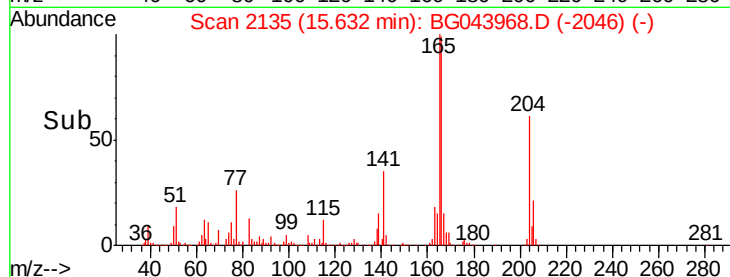
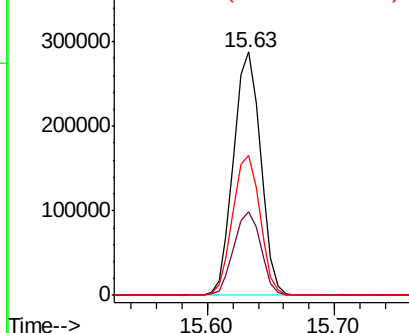
#61
4-Chlorophenyl-phenylether
Concen: 39.652 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tgt Ion:204 Resp: 425648
Ion Ratio Lower Upper
204 100
206 34.1 28.2 42.2
141 57.5 48.2 72.2

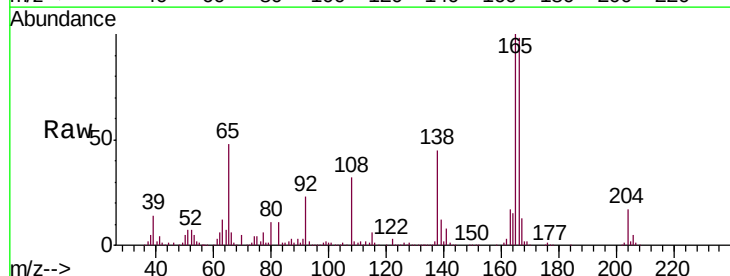


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

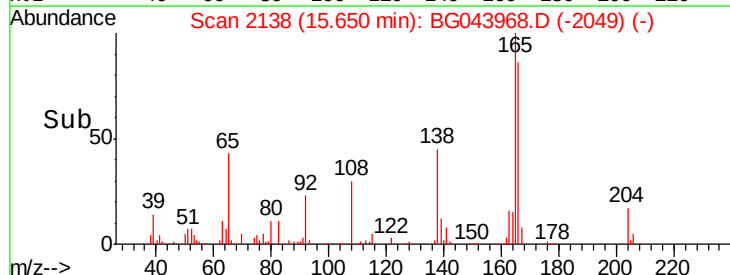
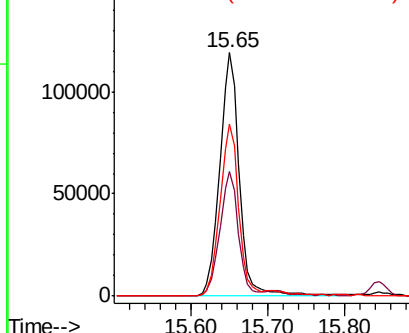


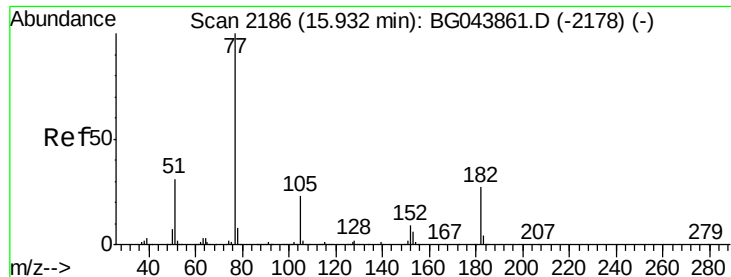
#62
4-Nitroaniline
Concen: 37.741 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion:138 Resp: 210733
Ion Ratio Lower Upper
138 100
92 51.2 34.3 74.3
108 70.5 55.0 95.0



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





#63

Azobenzene

Concen: 40.599 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

Tgt Ion: 77 Resp: 829596

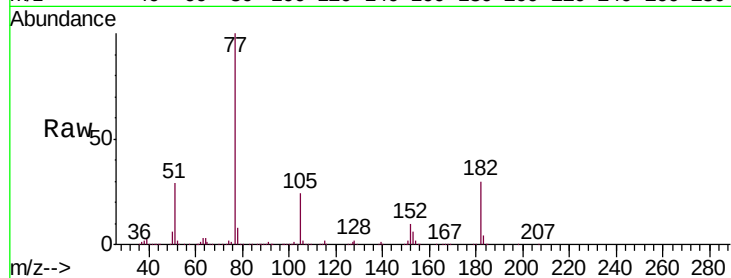
Ion Ratio Lower Upper

77 100

182 29.5 7.3 47.3

105 23.7 3.2 43.2

51 28.5 10.6 50.6

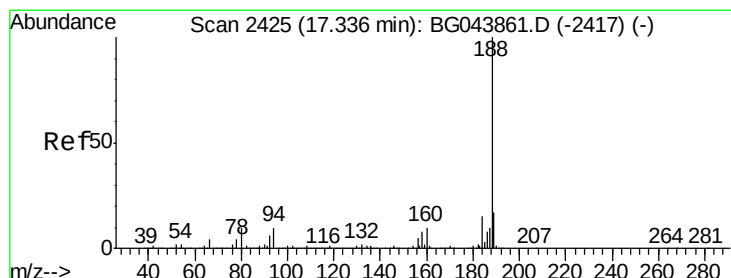
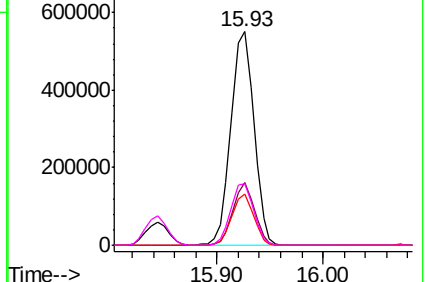
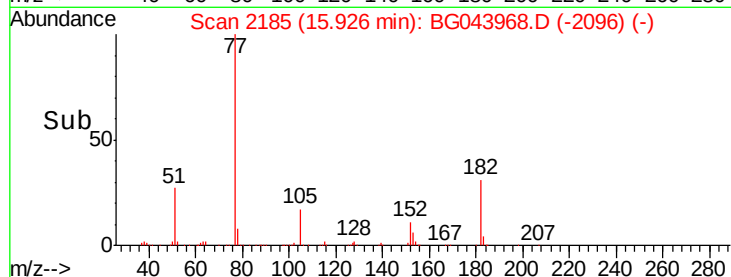


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

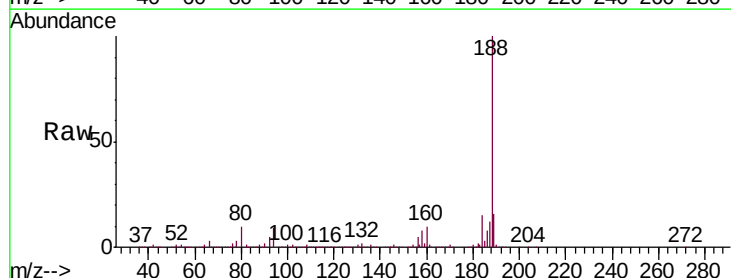
Tgt Ion: 188 Resp: 665547

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

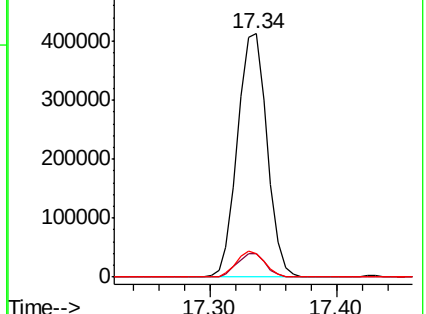
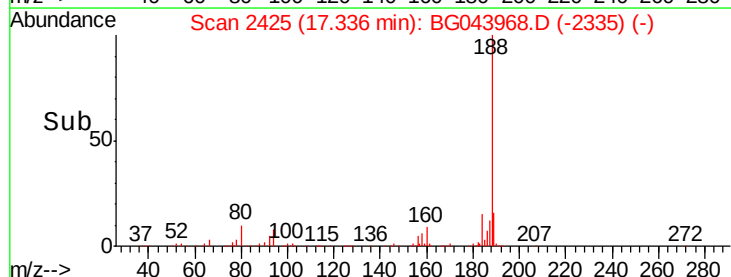
80 9.8 8.2 12.4

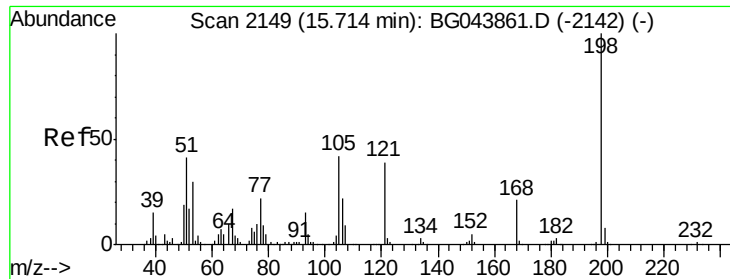


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

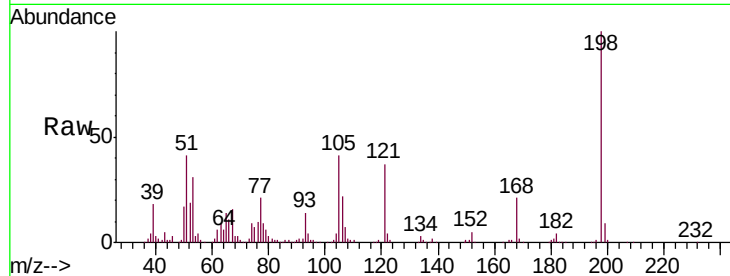




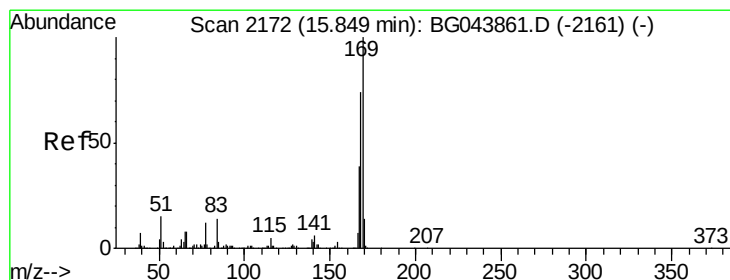
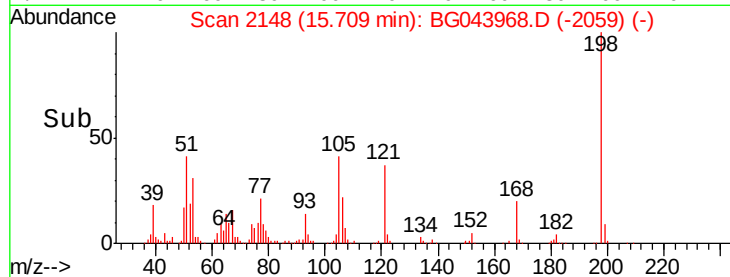
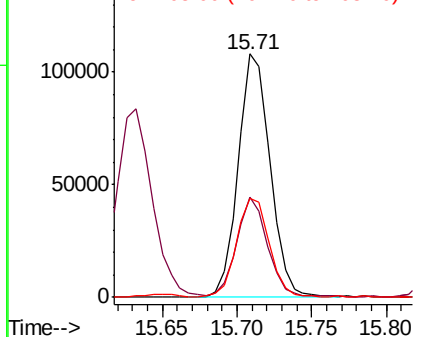
#65
4,6-Dinitro-2-methylphenol
Concen: 46.929 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	41.3	22.5	62.5
105	40.6	22.3	62.3

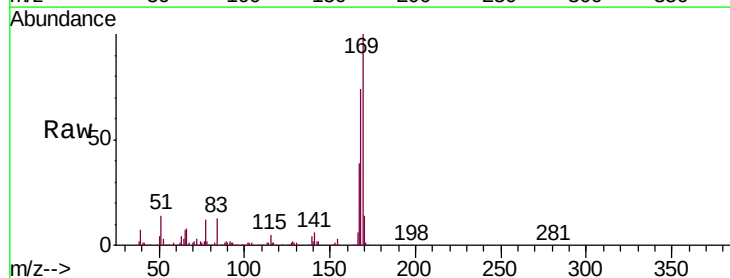


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

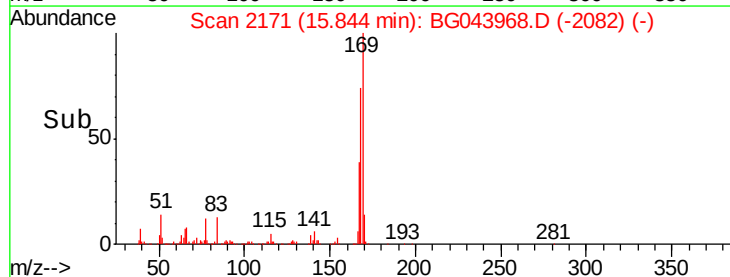
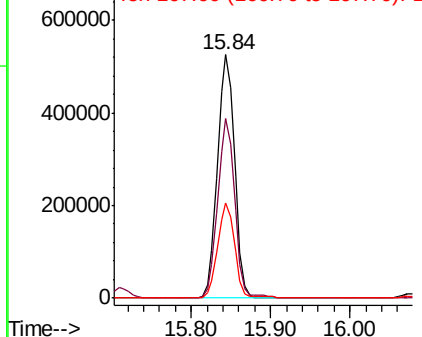


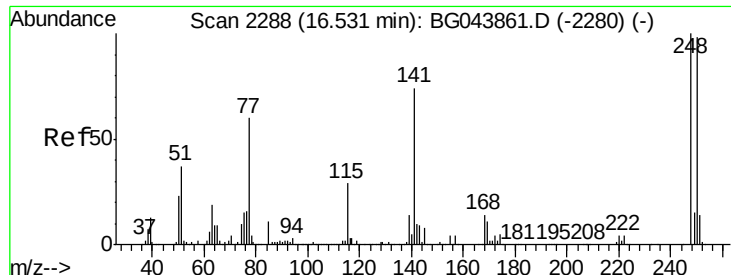
#66
n-Nitrosodiphenylamine
Concen: 40.072 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.5	59.0	88.6
167	39.2	31.4	47.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

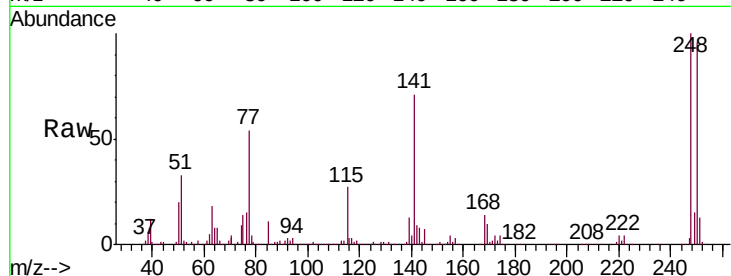




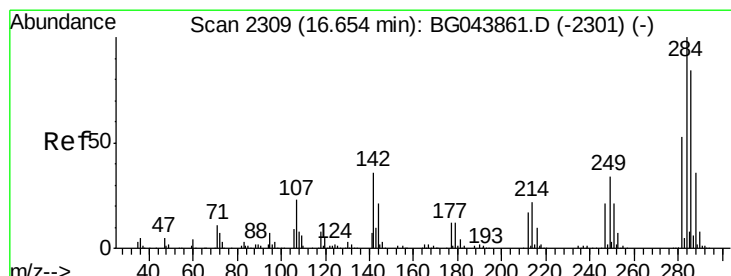
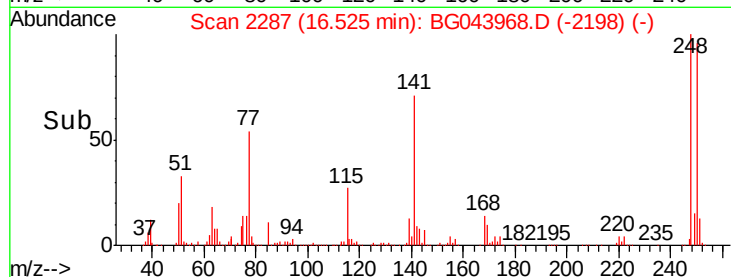
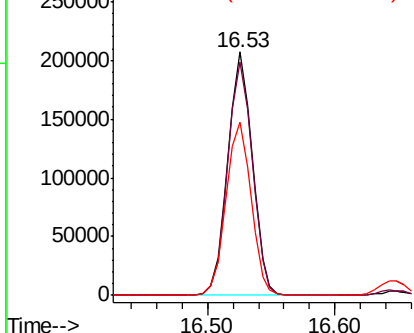
#67
4-Bromophenyl-phenylether
Concen: 36.989 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampled :
PB125946BS

Tgt Ion:248 Resp: 276877
Ion Ratio Lower Upper
248 100
250 96.0 78.2 117.2
141 71.0 59.3 88.9

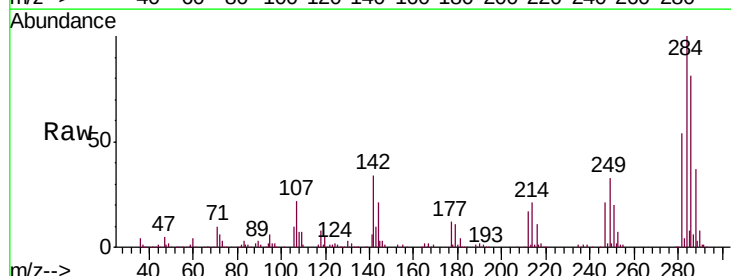


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

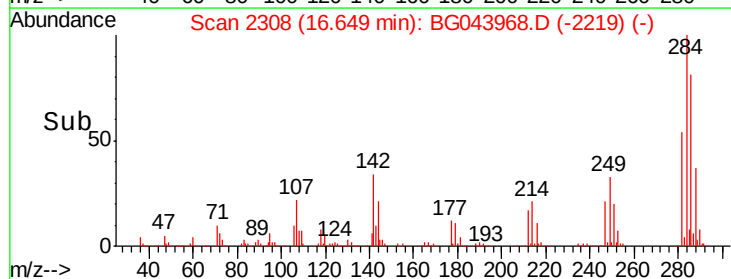
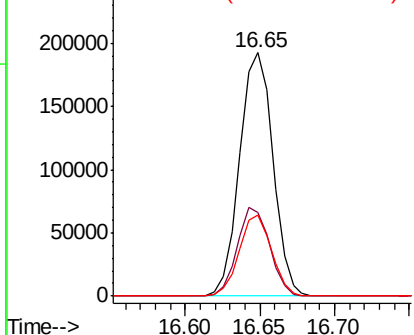


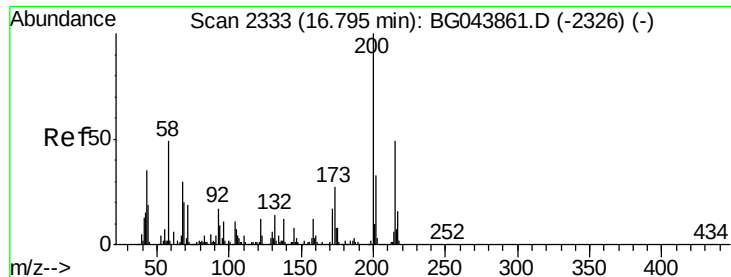
#68
Hexachlorobenzene
Concen: 36.914 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion:284 Resp: 297738
Ion Ratio Lower Upper
284 100
142 34.5 28.6 43.0
249 33.1 27.0 40.6



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





#69

Atrazine

Concen: 47.219 ng

RT: 16.80 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

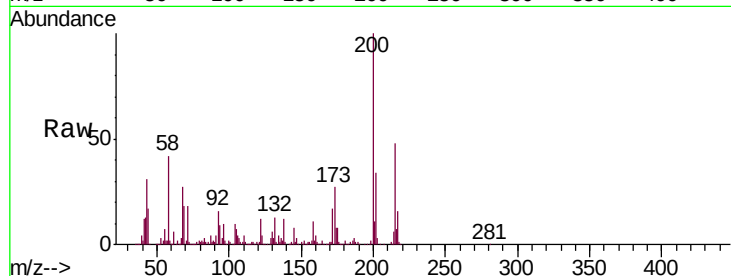
Tgt Ion:200 Resp: 300825

Ion Ratio Lower Upper

200 100

173 27.3 6.6 46.6

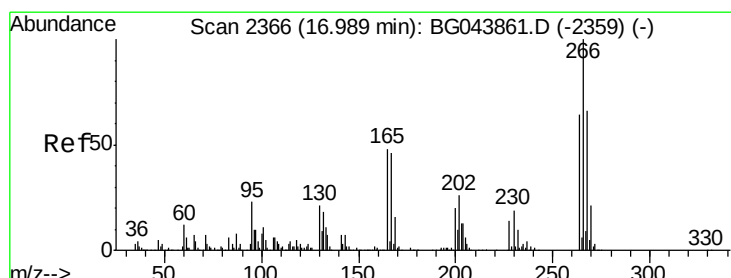
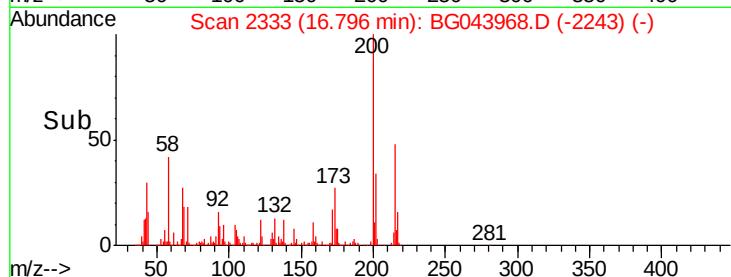
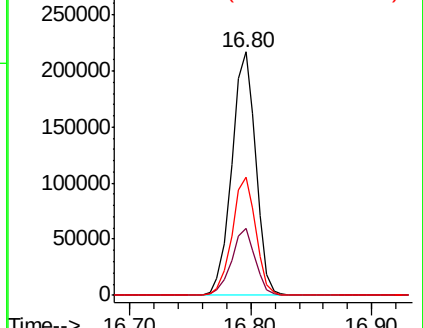
215 48.5 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 81.303 ng

RT: 16.99 min Scan# 2366

Delta R.T. 0.00 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

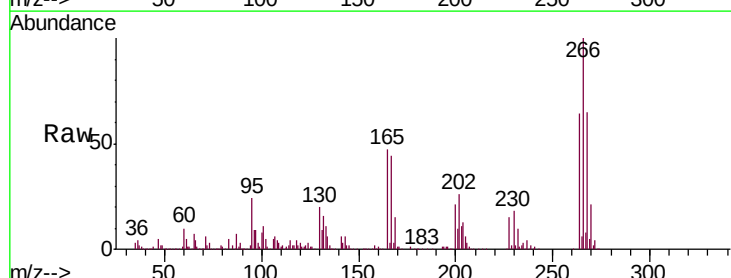
Tgt Ion:266 Resp: 361492

Ion Ratio Lower Upper

266 100

268 65.5 52.6 79.0

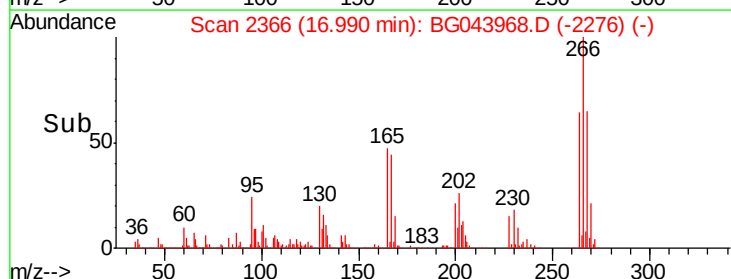
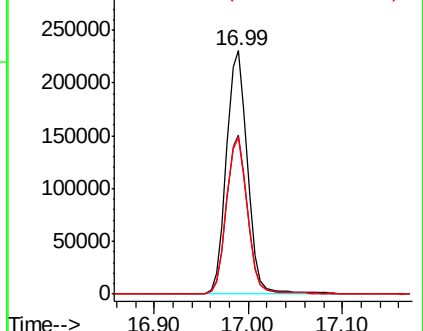
264 64.3 50.8 76.2

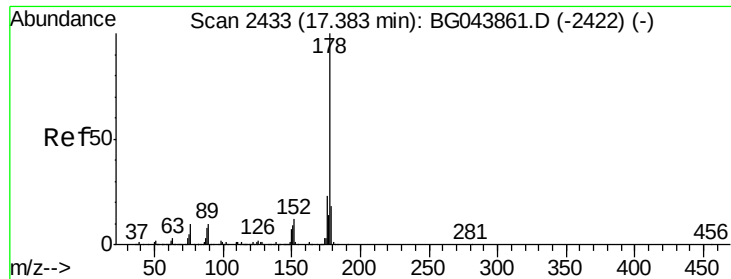


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

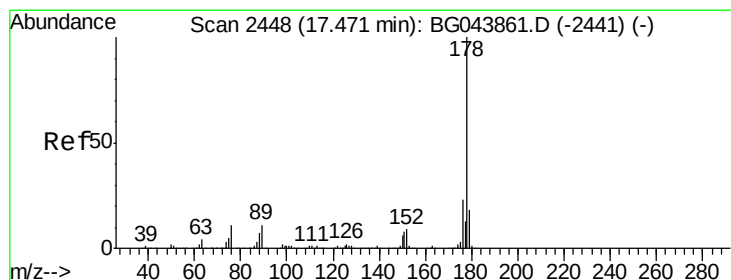
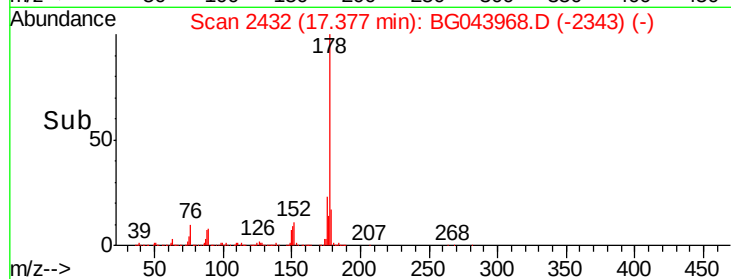
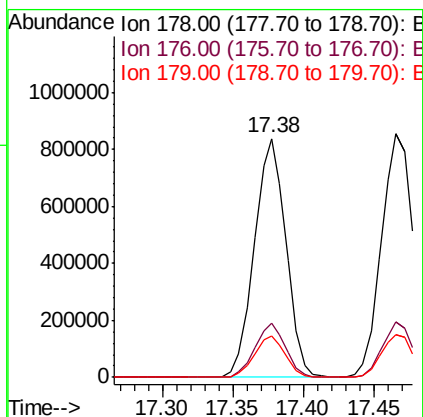
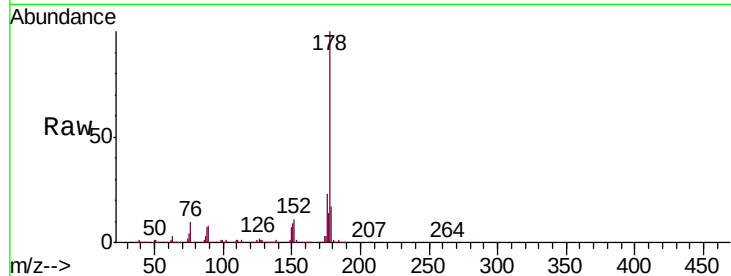




#71
Phenanthrene
Concen: 41.315 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

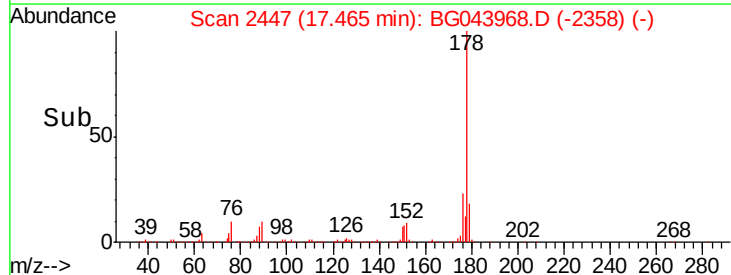
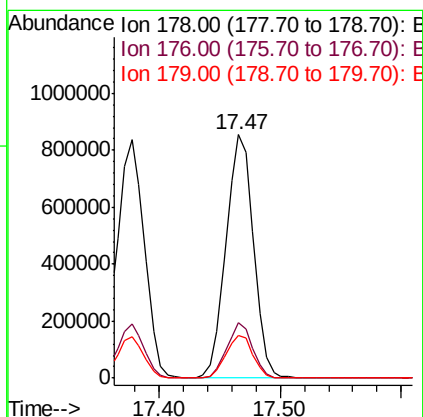
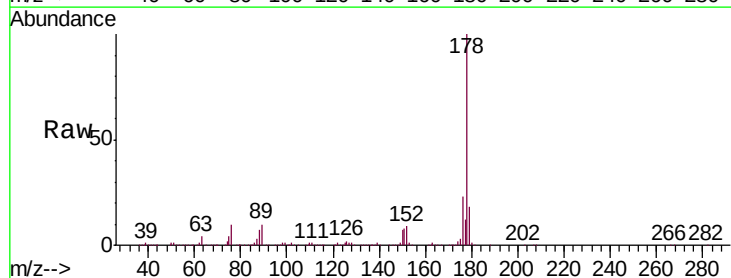
Instrument :
BNA_G
ClientSampleId :
PB125946BS

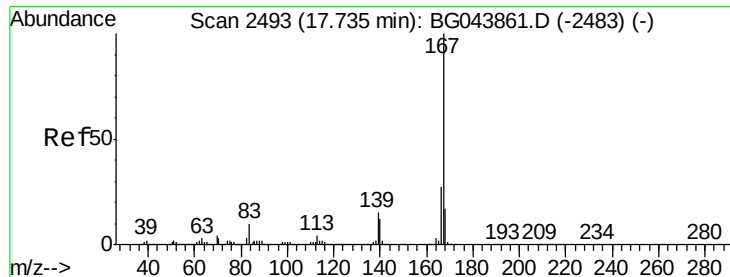
Tgt Ion:178 Resp: 1318912
Ion Ratio Lower Upper
178 100
176 22.8 18.6 28.0
179 17.5 14.4 21.6



#72
Anthracene
Concen: 42.746 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion:178 Resp: 1348584
Ion Ratio Lower Upper
178 100
176 22.8 18.3 27.5
179 17.8 14.6 22.0





#73

Carbazole

Concen: 42.643 ng

RT: 17.74 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

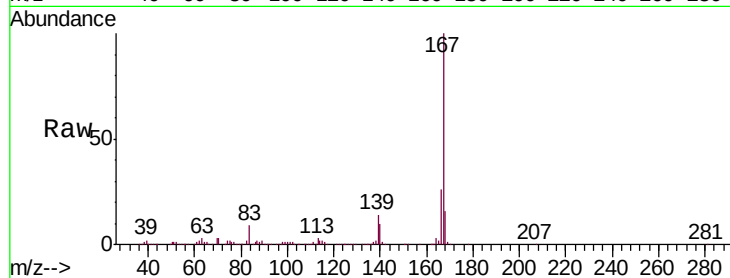
Tgt Ion:167 Resp: 1242712

Ion Ratio Lower Upper

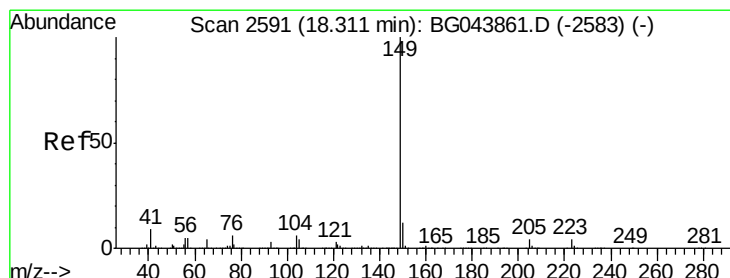
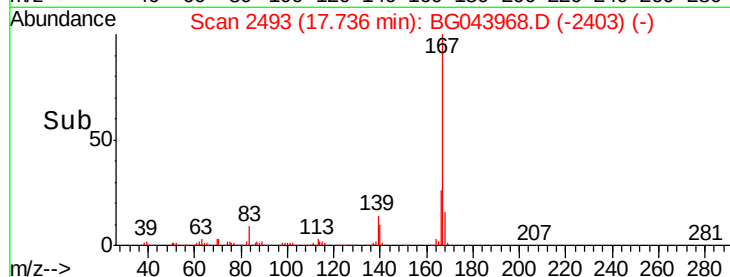
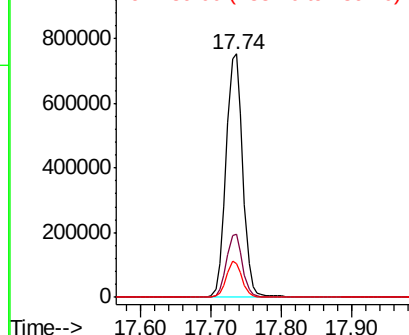
167 100

166 25.9 21.6 32.4

139 13.9 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.870 ng

RT: 18.30 min Scan# 2589

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

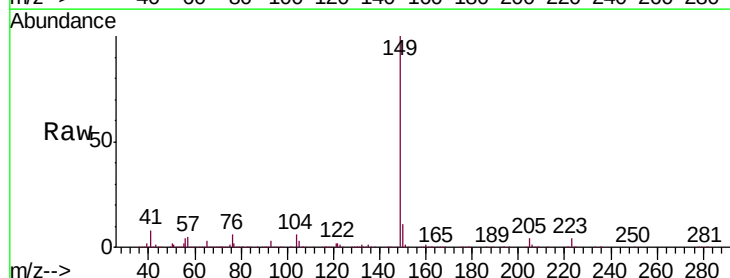
Tgt Ion:149 Resp: 1520683

Ion Ratio Lower Upper

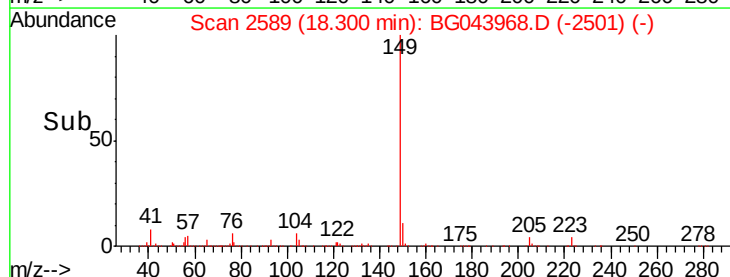
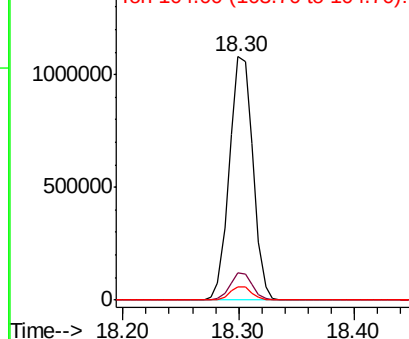
149 100

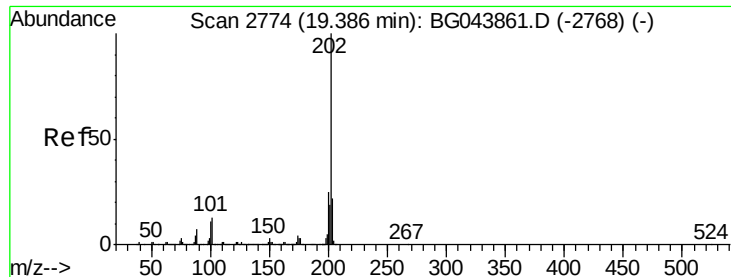
150 11.5 9.7 14.5

104 5.6 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.399 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

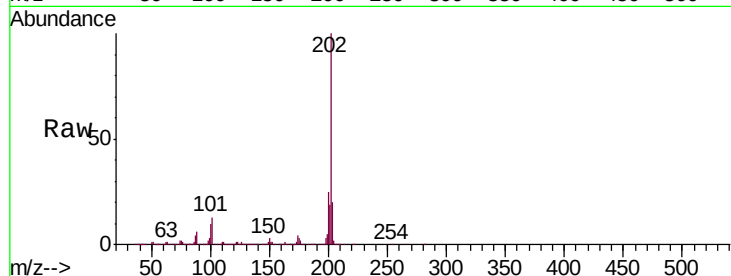
Tgt Ion:202 Resp: 1511416

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.3

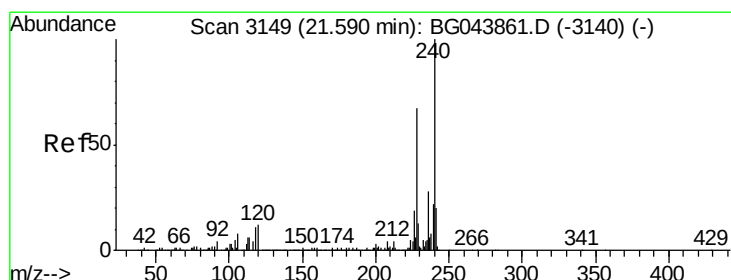
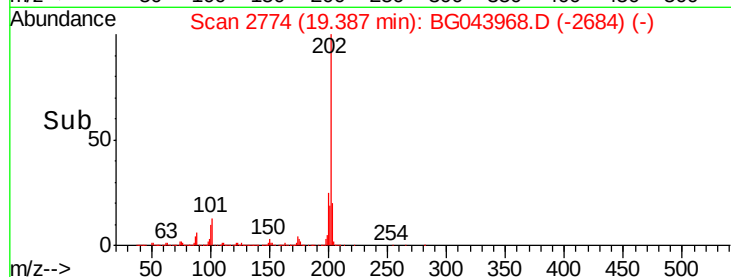
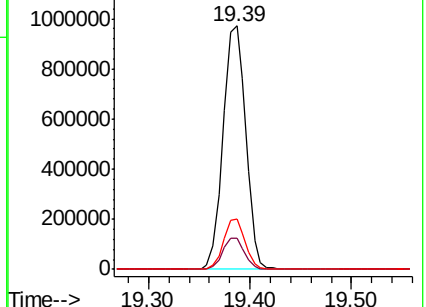
203 20.5 1.6 41.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

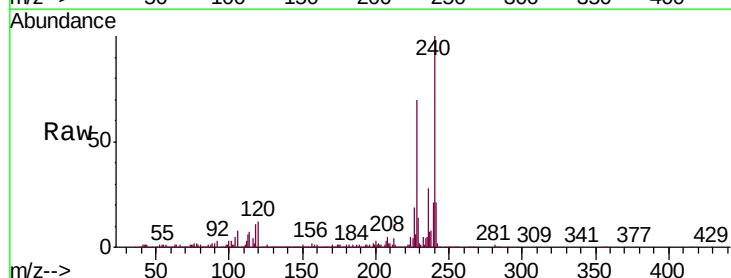
Tgt Ion:240 Resp: 559850

Ion Ratio Lower Upper

240 100

120 11.6 9.6 14.4

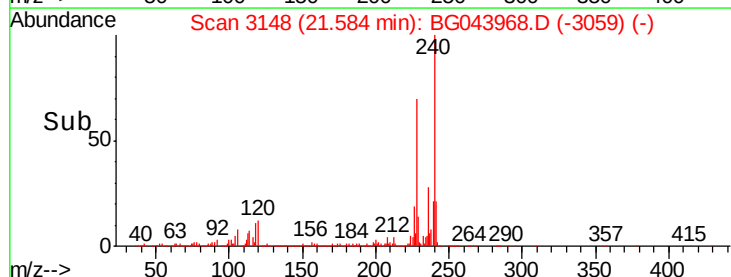
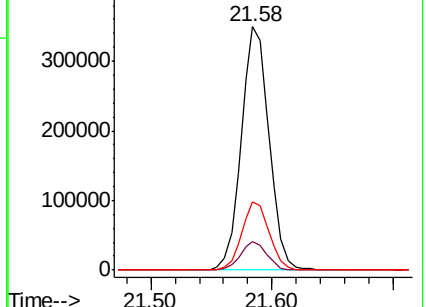
236 27.8 22.2 33.2

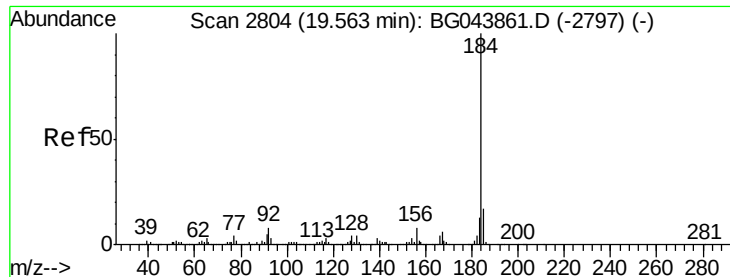


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.301 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

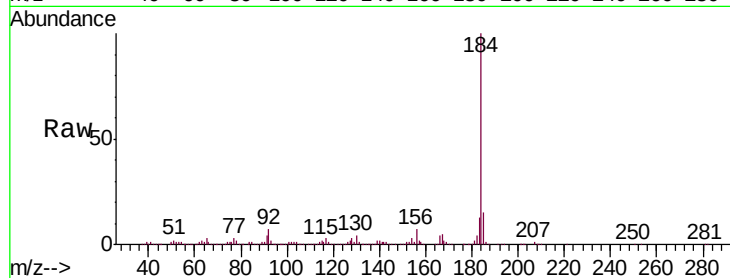
Tgt Ion:184 Resp: 623410

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

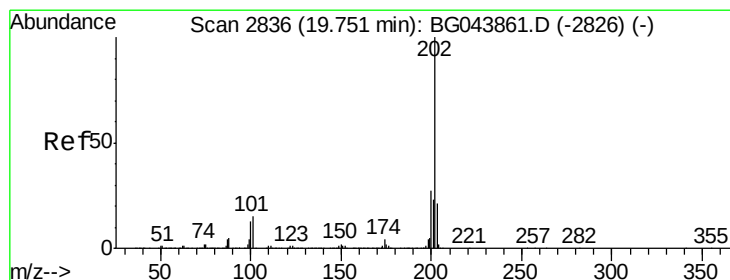
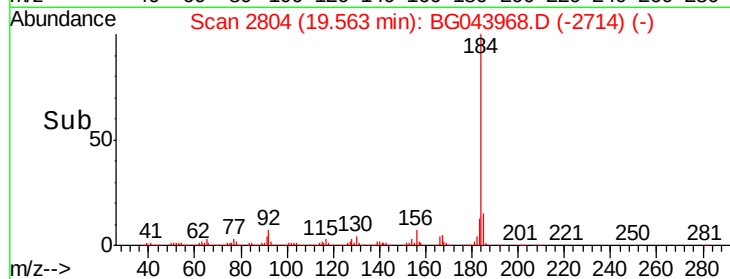
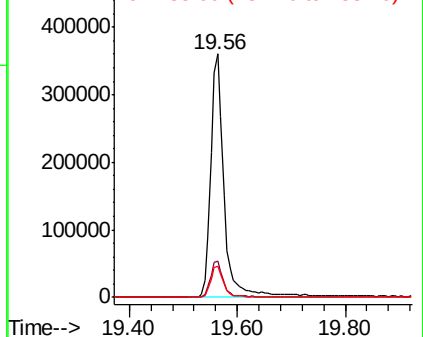
183 12.8 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.378 ng

RT: 19.75 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

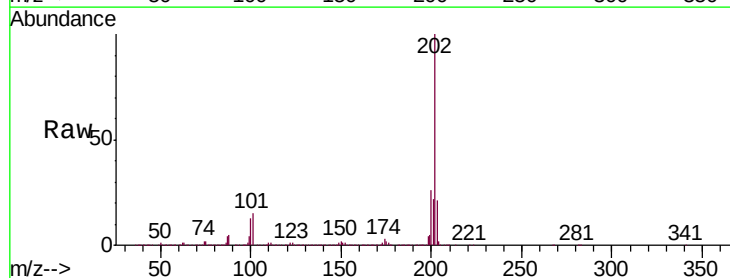
Tgt Ion:202 Resp: 1512089

Ion Ratio Lower Upper

202 100

200 25.5 21.7 32.5

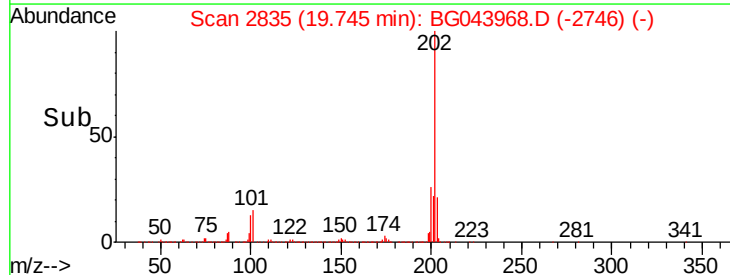
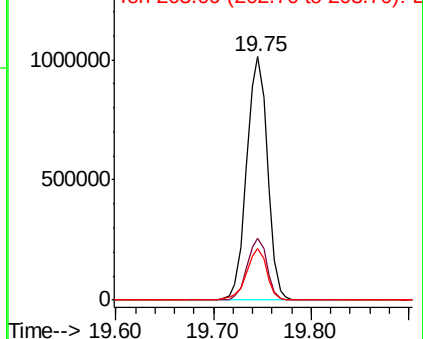
203 21.0 17.0 25.6

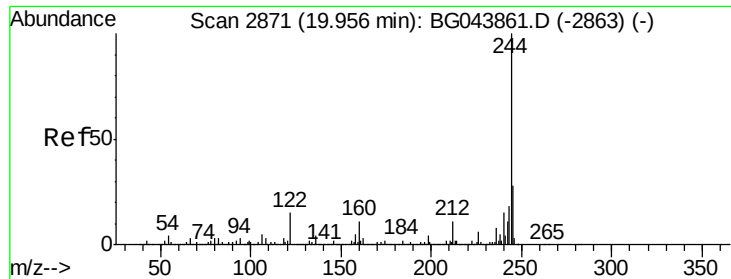


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.483 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

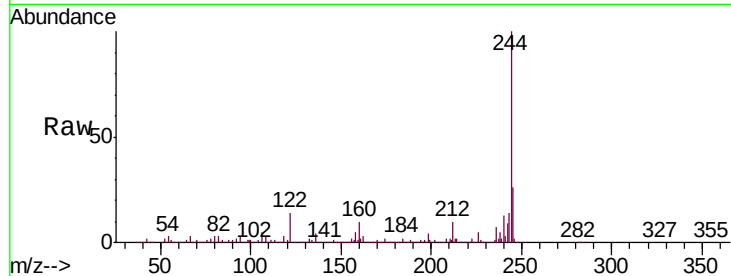
Tgt Ion:244 Resp: 1964868

Ion Ratio Lower Upper

244 100

212 10.0 8.6 13.0

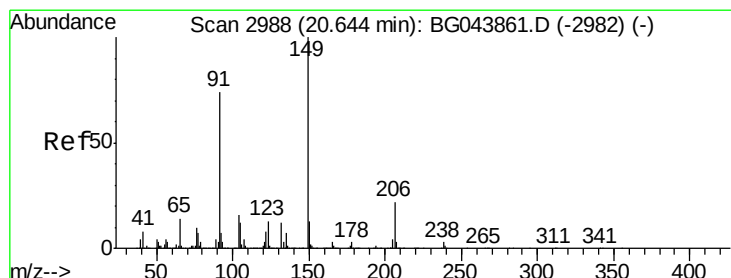
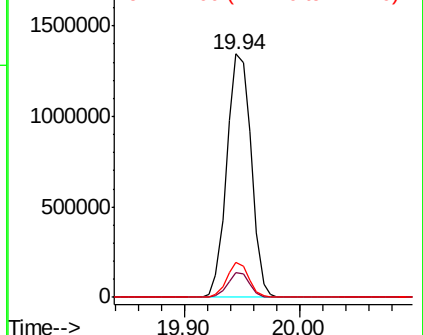
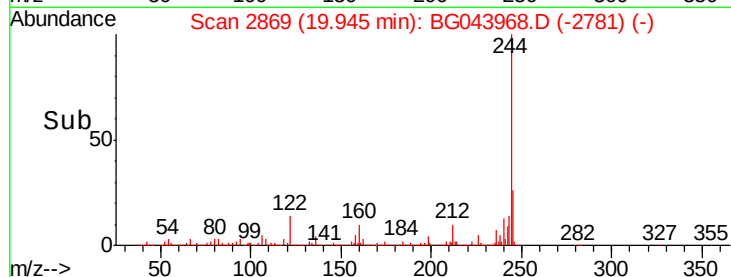
122 14.4 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.554 ng

RT: 20.64 min Scan# 2987

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

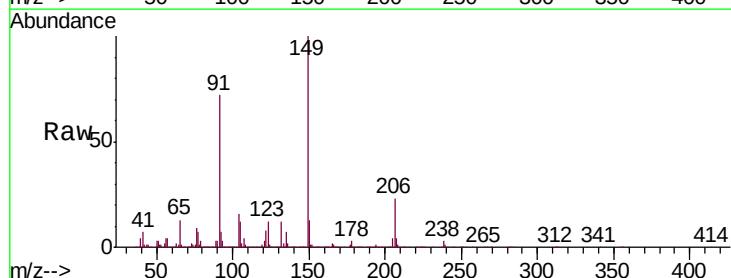
Tgt Ion:149 Resp: 705571

Ion Ratio Lower Upper

149 100

91 71.9 59.5 89.3

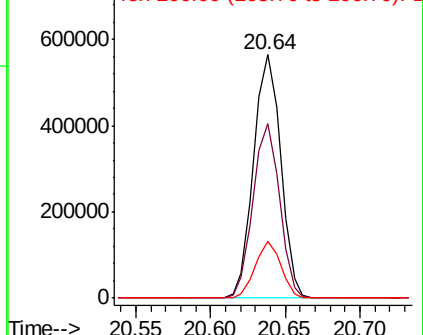
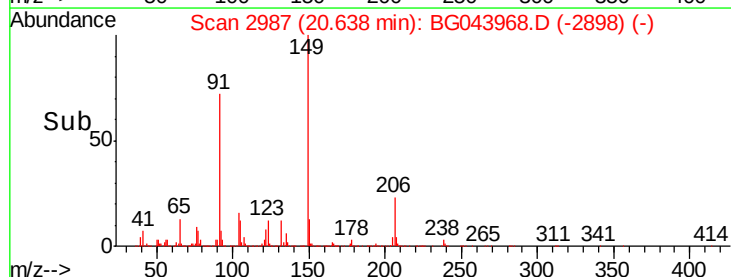
206 23.1 17.8 26.6

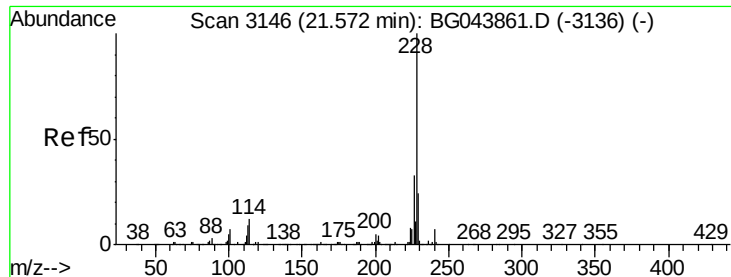


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.709 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampled :

PB125946BS

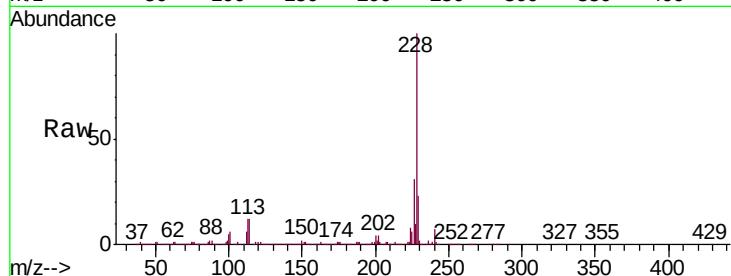
Tgt Ion:228 Resp: 1413196

Ion Ratio Lower Upper

228 100

226 31.3 26.2 39.4

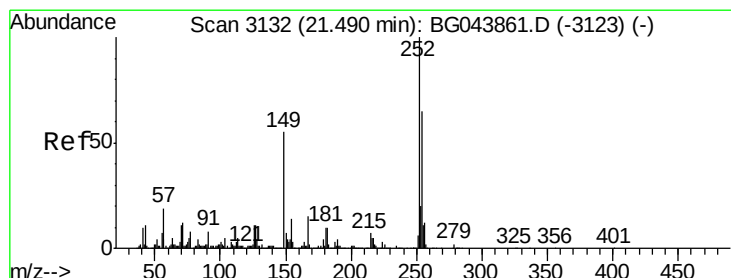
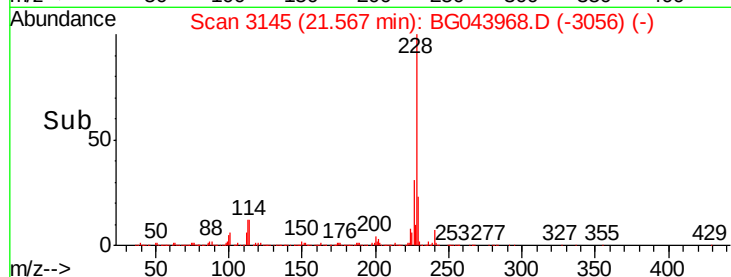
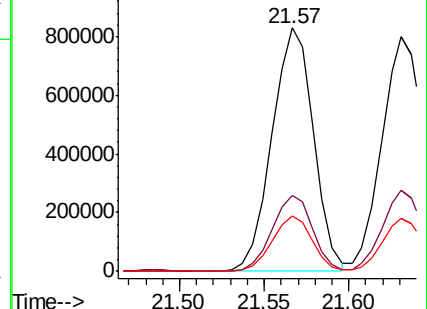
229 22.6 18.9 28.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.112 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

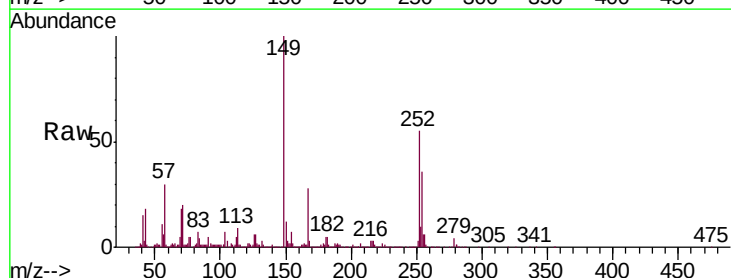
Tgt Ion:252 Resp: 412977

Ion Ratio Lower Upper

252 100

254 64.6 52.1 78.1

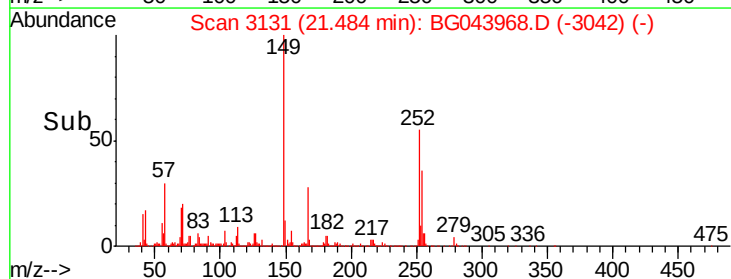
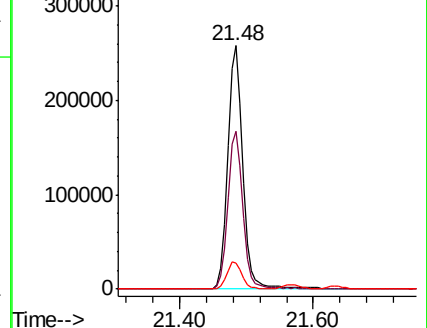
126 10.9 9.1 13.7

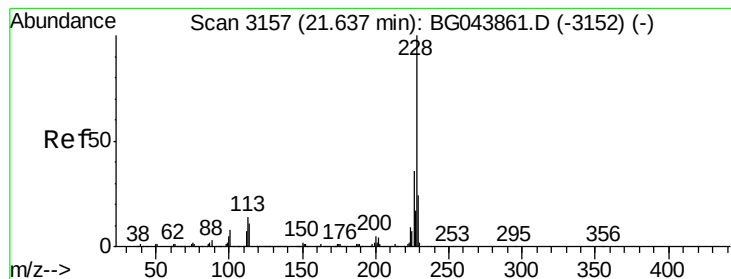


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.348 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

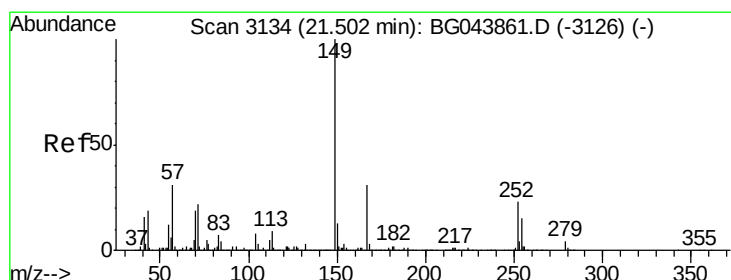
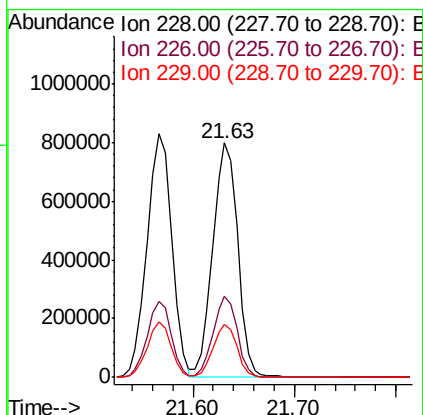
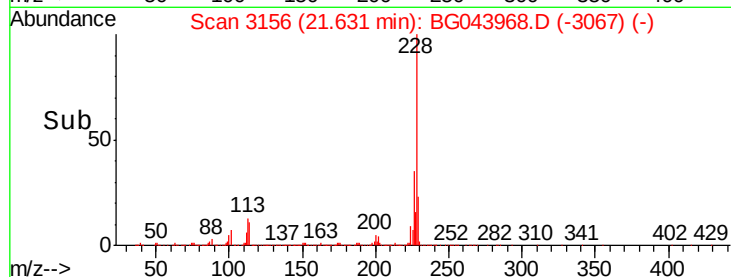
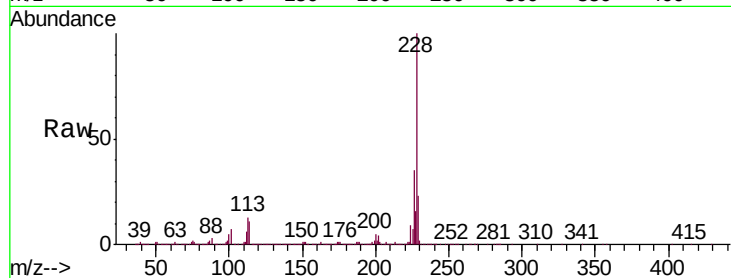
Tgt Ion:228 Resp: 1363903

Ion Ratio Lower Upper

228 100

226 34.7 28.8 43.2

229 22.8 19.0 28.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.271 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

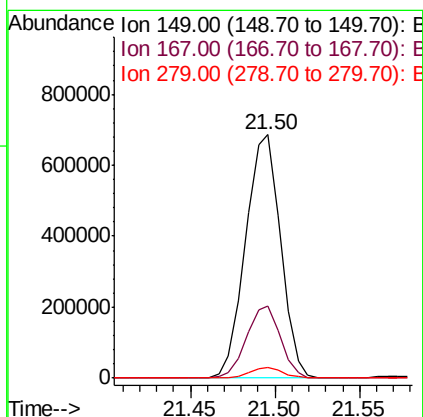
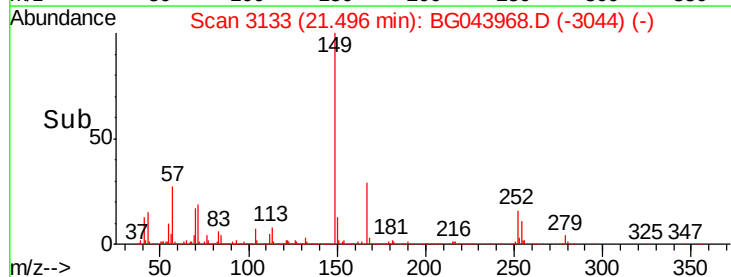
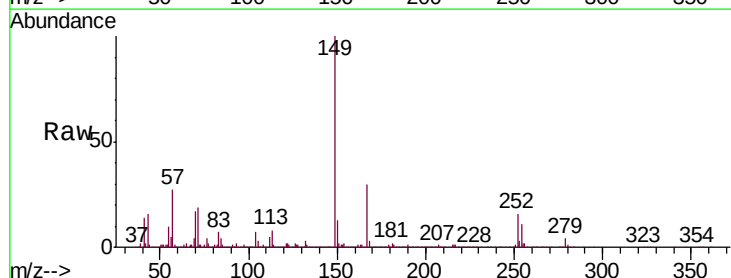
Tgt Ion:149 Resp: 990742

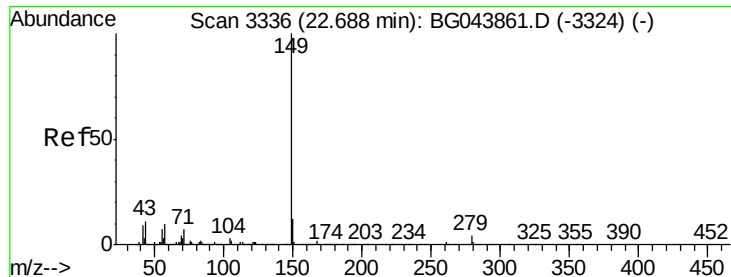
Ion Ratio Lower Upper

149 100

167 29.5 24.7 37.1

279 4.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 42.327 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

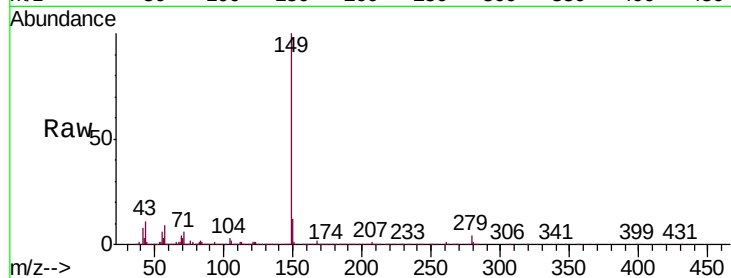
Tgt Ion:149 Resp: 1708233

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

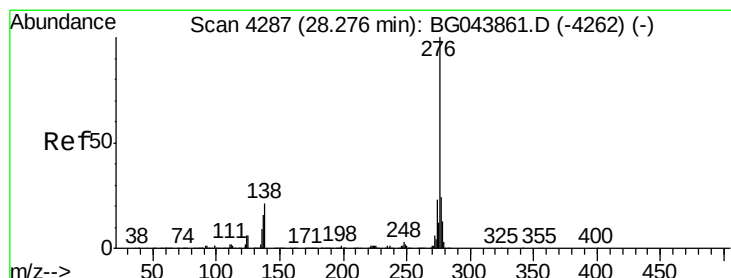
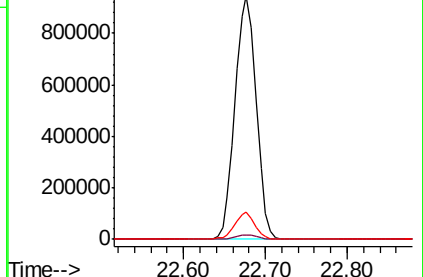
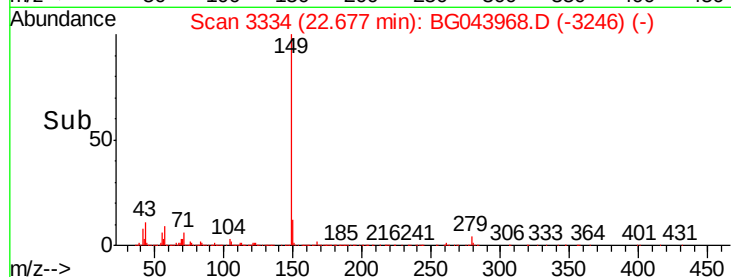
43 9.9 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.028 ng

RT: 28.26 min Scan# 4284

Delta R.T. -0.02 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

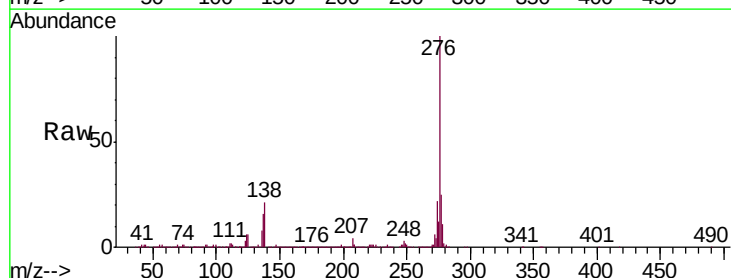
Tgt Ion:276 Resp: 1704689

Ion Ratio Lower Upper

276 100

138 20.2 21.0 31.4#

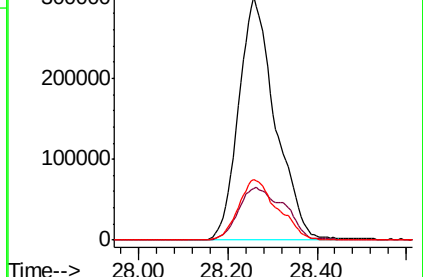
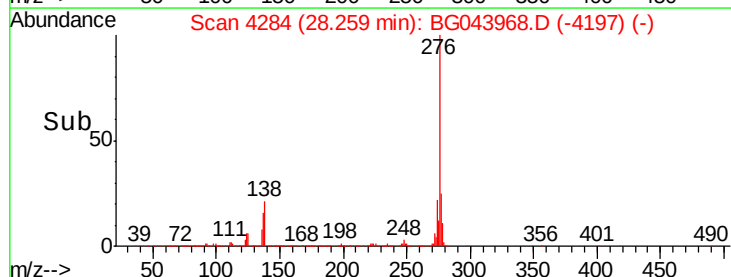
277 26.7 21.1 31.7

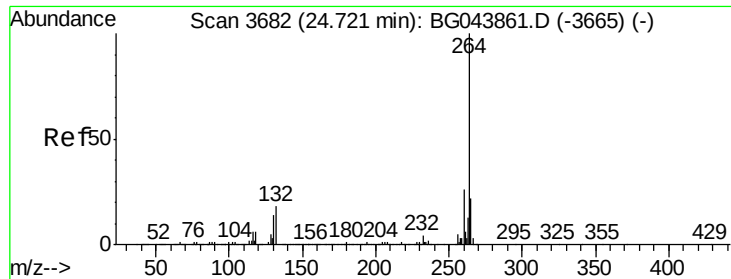


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



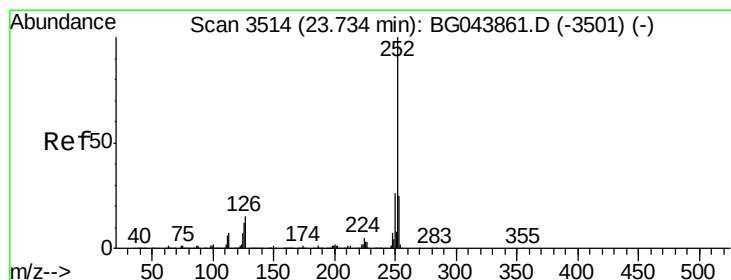
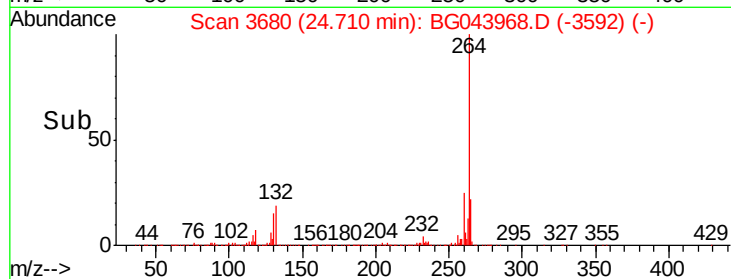
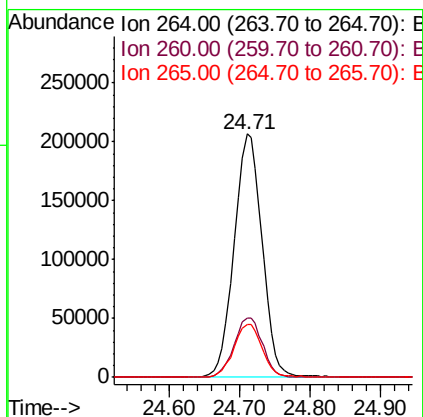
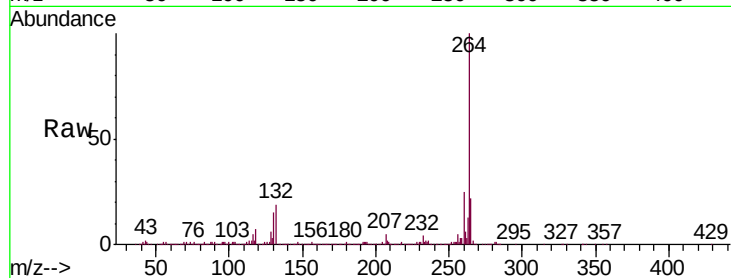


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tgt Ion: 264 Resp: 569841

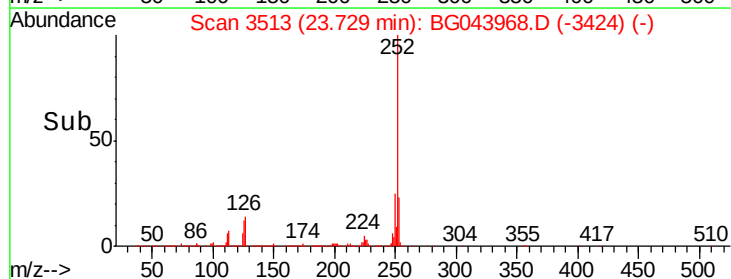
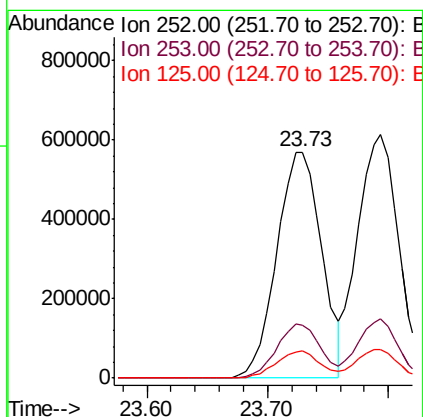
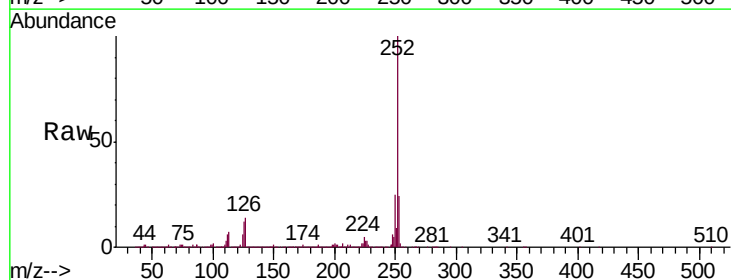
Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.4	30.6
265	21.9	17.4	26.2

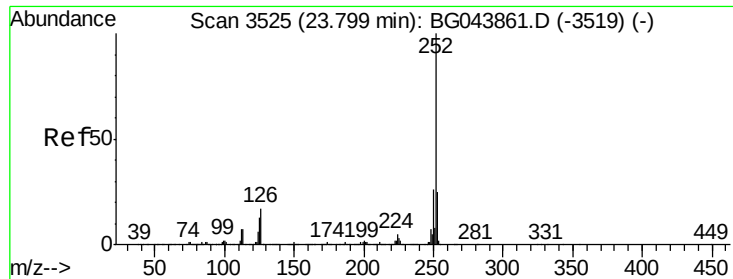


#88
Benzo(b)fluoranthene
Concen: 43.428 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion: 252 Resp: 1462989

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.7	29.5
125	12.1	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 45.093 ng

RT: 23.79 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

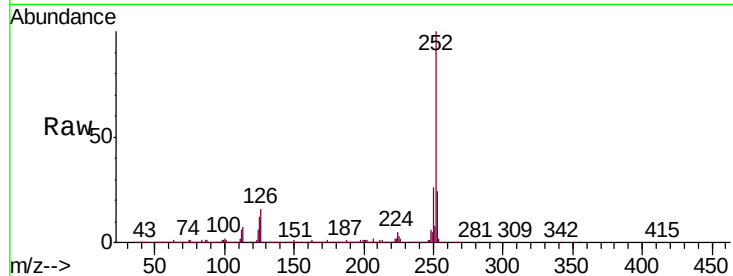
Tgt Ion:252 Resp: 1444544

Ion Ratio Lower Upper

252 100

253 24.5 19.4 29.2

125 11.6 9.9 14.9

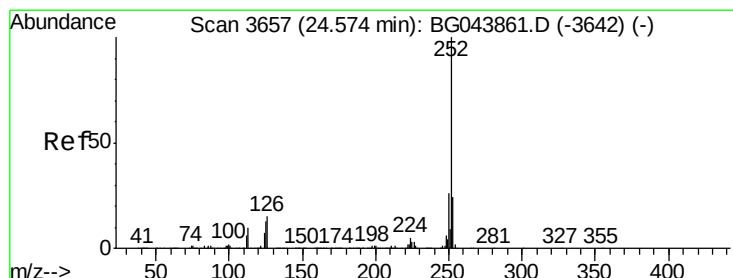
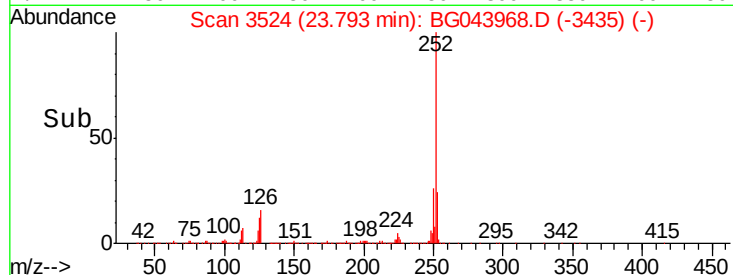
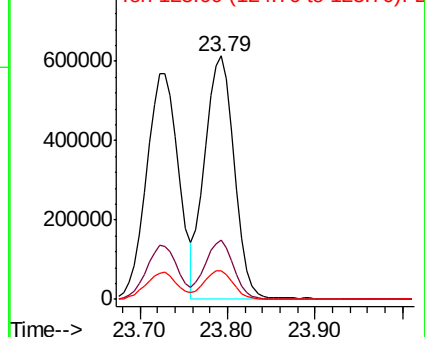


Abundance

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

Benzo(a)pyrene

Concen: 42.714 ng

RT: 24.56 min Scan# 3655

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

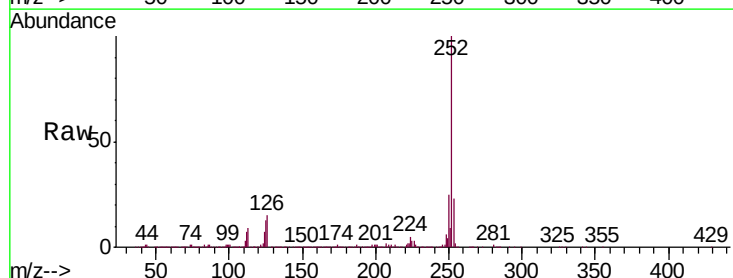
Tgt Ion:252 Resp: 1358092

Ion Ratio Lower Upper

252 100

253 23.1 19.3 28.9

125 13.2 10.4 15.6

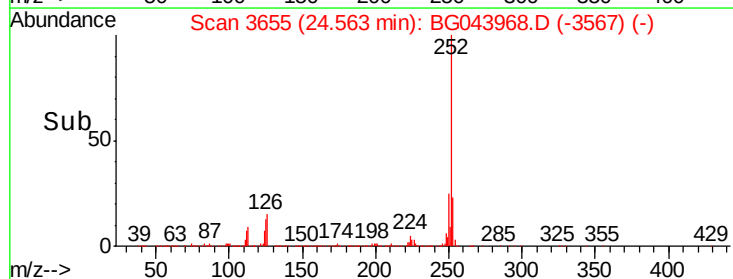
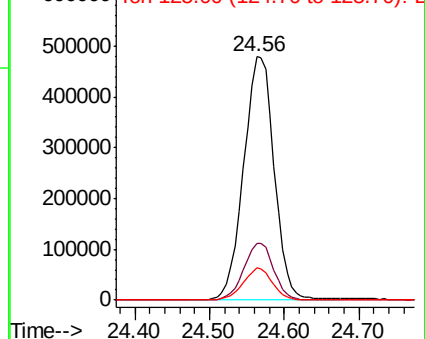


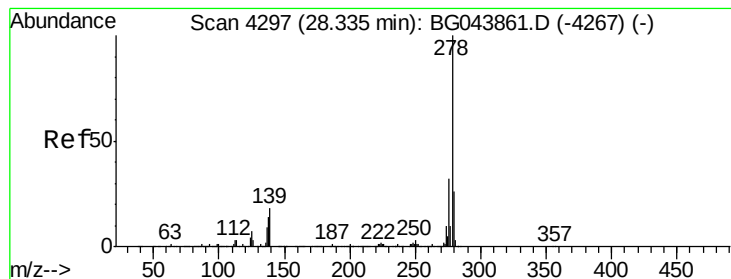
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.716 ng

RT: 28.32 min Scan# 4295

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

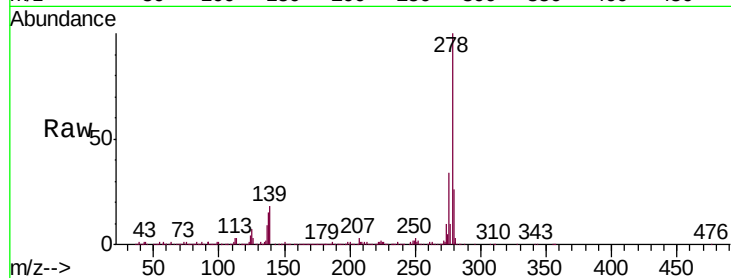
Tgt Ion:278 Resp: 1427863

Ion Ratio Lower Upper

278 100

139 17.6 14.2 21.4

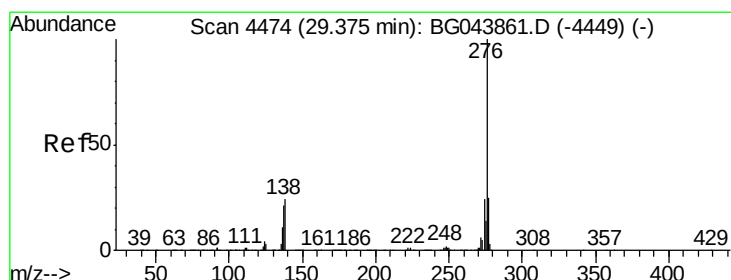
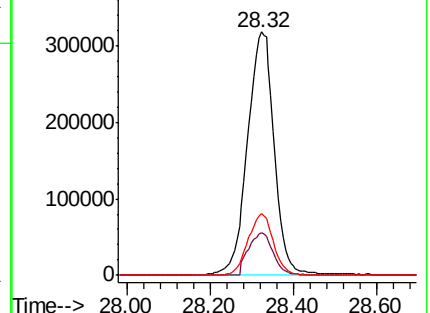
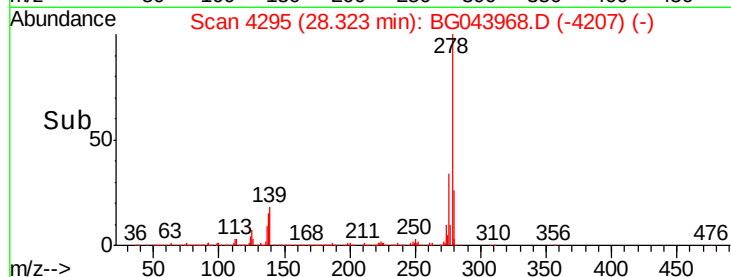
279 25.6 20.6 30.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.305 ng

RT: 29.36 min Scan# 4472

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

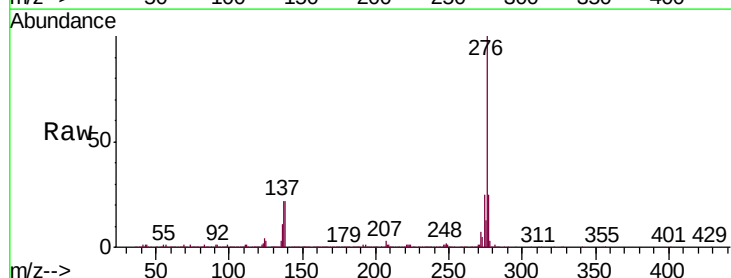
Tgt Ion:276 Resp: 1437002

Ion Ratio Lower Upper

276 100

277 24.9 20.2 30.4

138 22.3 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

