

Data File : BG043969.D
Acq On : 8 Jan 2020 16:06
Operator : JU
Sample : PB125943BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Quant Time: Jan 09 06:11:46 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	7.96	152	116919	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	484554	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	317219	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	656993	20.00	ng	0.00
76) Chrysene-d12	21.58	240	566329	20.00	ng	0.00
87) Perylene-d12	24.70	264	576039	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	813592	127.77	ng	0.00
7) Phenol-d6	7.13	99	1060555	119.15	ng	0.00
23) Nitrobenzene-d5	9.11	82	656126	72.44	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	385240	116.05	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1424537	81.36	ng	-0.01
79) Terphenyl-d14	19.94	244	1950619	82.36	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.43	88	117695	42.391 ng	97
3) Pyridine	3.82	79	282445	34.436 ng	98
4) n-Nitrosodimethylamine	3.73	42	142740	39.088 ng	95
6) Aniline	7.28	93	366118	31.316 ng	98
8) 2-Chlorophenol	7.52	128	337202	45.107 ng	97
9) Benzaldehyde	7.09	77	204997	35.985 ng	98
10) Phenol	7.15	94	409960	44.703 ng	98
11) bis(2-Chloroethyl)ether	7.38	93	320546	40.492 ng	100
12) 1,3-Dichlorobenzene	7.85	146	358997	41.038 ng	99
13) 1,4-Dichlorobenzene	7.99	146	356035	41.249 ng	98
14) 1,2-Dichlorobenzene	8.31	146	338463	40.853 ng	98
15) Benzyl Alcohol	8.19	79	286932	40.845 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	437714	35.740 ng	100
17) 2-Methylphenol	8.40	107	290781	43.815 ng	100
18) Hexachloroethane	9.05	117	133239	39.671 ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	247329	37.312 ng	98
20) 3+4-Methylphenols	8.73	107	397998	42.989 ng	99
22) Acetophenone	8.78	105	457529	37.980 ng	# 98
24) Nitrobenzene	9.15	77	347606	38.748 ng	99
25) Isophorone	9.68	82	673738	39.647 ng	99
26) 2-Nitrophenol	9.87	139	192346	45.318 ng	96
27) 2,4-Dimethylphenol	9.93	122	318482	49.848 ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	428784	37.848 ng	100
29) 2,4-Dichlorophenol	10.41	162	333160	43.716 ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	333053	38.976 ng	97
31) Naphthalene	10.81	128	970887	41.405 ng	100
32) Benzoic acid	10.07	122	173252	35.217 ng	93
33) 4-Chloroaniline	10.91	127	248404	22.211 ng	98
34) Hexachlorobutadiene	11.10	225	191918	36.786 ng	98
35) Caprolactam	11.68	113	69515	24.503 ng	95
36) 4-Chloro-3-methylphenol	12.04	107	345563	42.594 ng	99
37) 2-Methylnaphthalene	12.42	142	717537	40.646 ng	98
38) 1-Methylnaphthalene	12.64	142	688284	41.138 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	342005	36.784 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	410683	85.199	ng	98
43) 2,4,6-Trichlorophenol	13.02	196	262237	40.990	ng	98
44) 2,4,5-Trichlorophenol	13.09	196	279076	42.295	ng	98
46) 1,1'-Biphenyl	13.42	154	898622	39.510	ng	99
47) 2-Chloronaphthalene	13.46	162	701839	38.188	ng	98
48) 2-Nitroaniline	13.66	65	216297	36.587	ng	95
49) Acenaphthylene	14.31	152	1108590	41.967	ng	98
50) Dimethylphthalate	14.05	163	897395	39.842	ng	99
51) 2,6-Dinitrotoluene	14.16	165	205497	40.365	ng	96
52) Acenaphthene	14.66	154	696931	37.621	ng	99
53) 3-Nitroaniline	14.49	138	152117	26.313	ng	98
54) 2,4-Dinitrophenol	14.69	184	200440	77.470	ng	97
55) Dibenzofuran	14.99	168	1051634	41.238	ng	99
56) 4-Nitrophenol	14.80	139	397943	89.826	ng	93
57) 2,4-Dinitrotoluene	14.94	165	282320	40.755	ng	98
58) Fluorene	15.64	166	825317	40.832	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	240131	42.323	ng	98
60) Diethylphthalate	15.41	149	899827	39.942	ng	98
61) 4-Chlorophenyl-phenylether	15.63	204	428651	39.055	ng	98
62) 4-Nitroaniline	15.65	138	210421	36.858	ng	94
63) Azobenzene	15.93	77	828180	39.640	ng	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	155804	46.208	ng	98
66) n-Nitrosodiphenylamine	15.84	169	776571	40.138	ng	99
67) 4-Bromophenyl-phenylether	16.52	248	273421	37.003	ng	98
68) Hexachlorobenzene	16.65	284	290632	36.502	ng	99
69) Atrazine	16.80	200	289118	45.972	ng	98
70) Pentachlorophenol	16.99	266	357073	81.355	ng	98
71) Phenanthrene	17.38	178	1289117	40.908	ng	99
72) Anthracene	17.46	178	1334380	42.846	ng	99
73) Carbazole	17.74	167	1224301	42.558	ng	99
74) Di-n-butylphthalate	18.30	149	1494824	40.698	ng	98
75) Fluoranthene	19.38	202	1473079	40.874	ng	99
77) Benzidine	19.56	184	619414	43.513	ng	97
78) Pyrene	19.74	202	1482590	40.106	ng	98
80) Butylbenzylphthalate	20.64	149	699426	39.741	ng	96
81) Benzo(a)anthracene	21.57	228	1417518	40.366	ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	412806	29.755	ng	99
83) Chrysene	21.63	228	1363585	40.866	ng	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	983607	40.505	ng	98
85) Di-n-octyl phthalate	22.67	149	1710197	41.891	ng	98
86) Indeno(1,2,3-cd)pyrene	28.26	276	1704652	37.592	ng	99
88) Benzo(b)fluoranthene	23.72	252	1491293	43.792	ng	100
89) Benzo(k)fluoranthene	23.79	252	1433957	44.281	ng	99
90) Benzo(a)pyrene	24.56	252	1363410	42.420	ng	99
91) Dibenzo(a,h)anthracene	28.32	278	1415986	43.867	ng	98
92) Benzo(g,h,i)perylene	29.36	276	1435180	44.761	ng	98

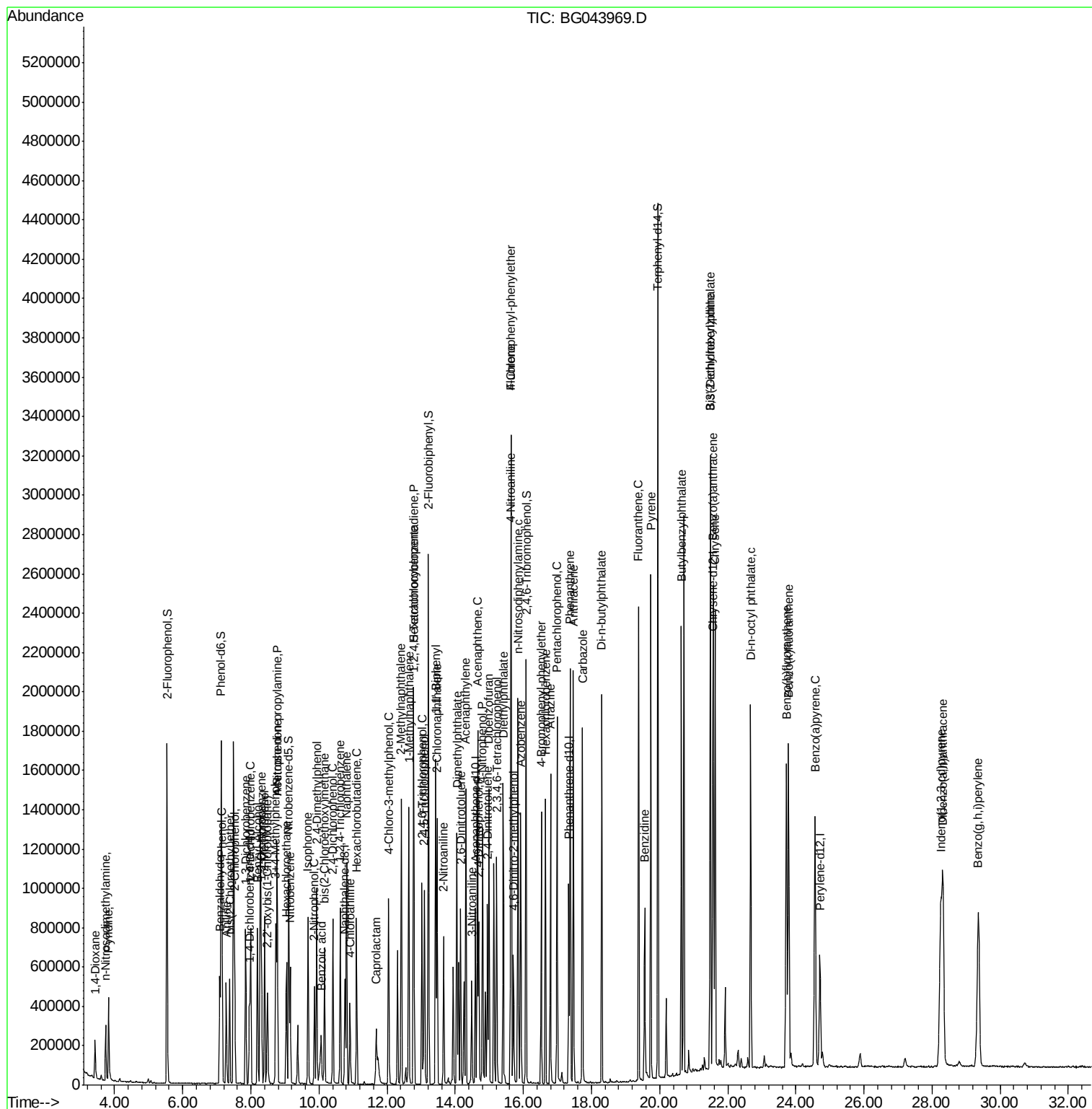
(#) = qualifier out of range (m) = manual integration (+) = signals summed

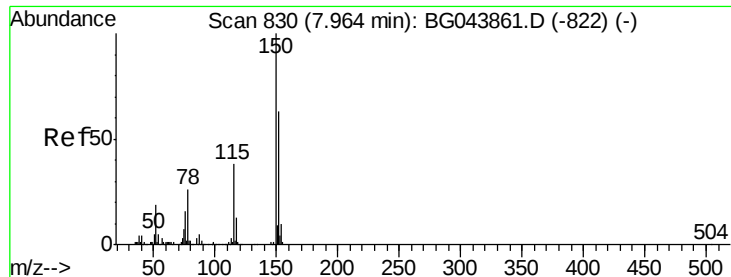
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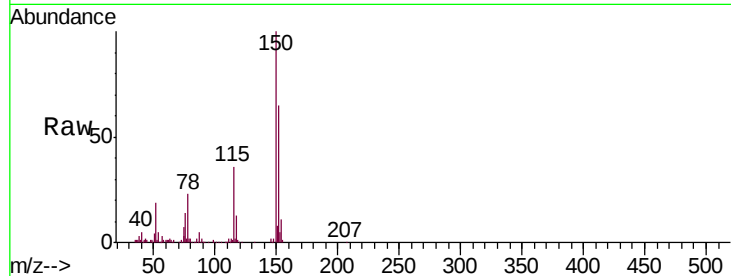


#1

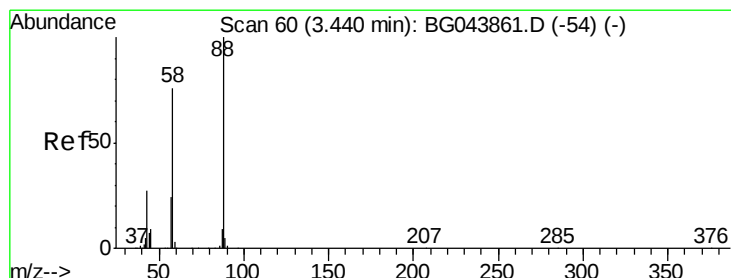
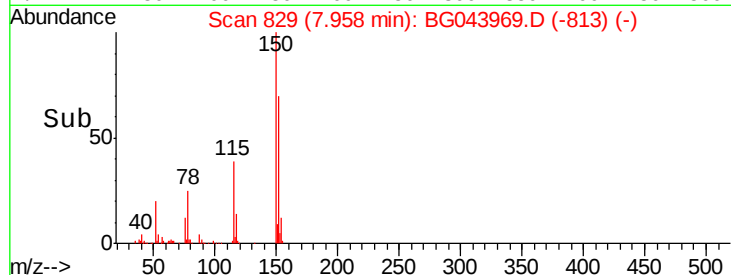
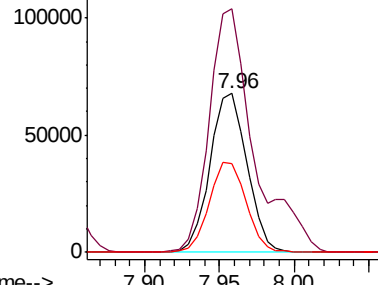
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
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Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tgt Ion:152 Resp: 116919
Ion Ratio Lower Upper
152 100
150 153.0 127.0 190.4
115 55.5 47.8 71.8



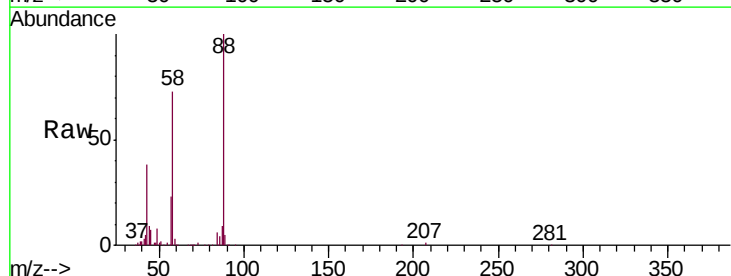
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



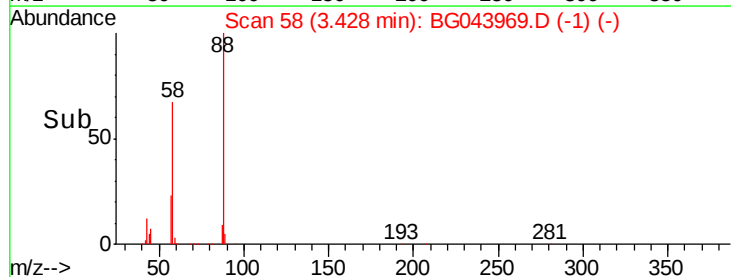
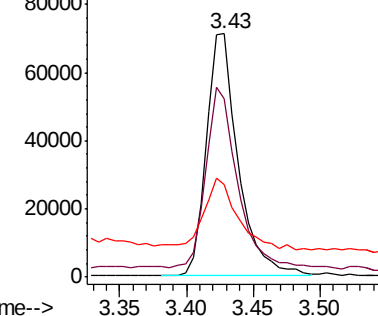
#2

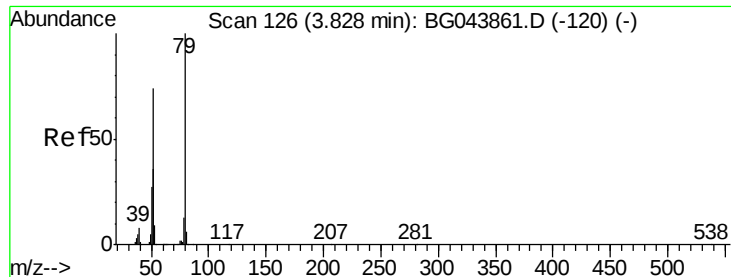
1,4-Dioxane
Concen: 42.391 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion: 88 Resp: 117695
Ion Ratio Lower Upper
88 100
58 75.7 59.8 89.8
43 32.8 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: 34.436 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

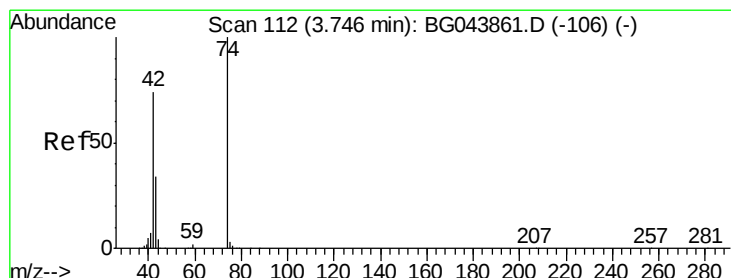
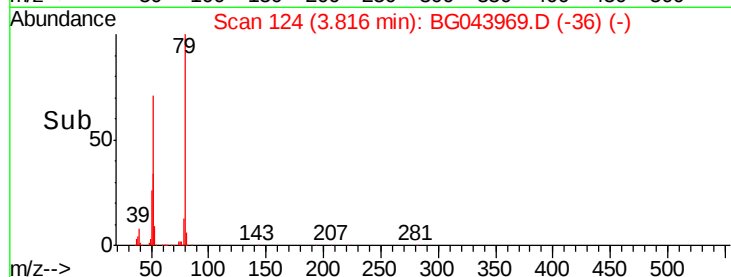
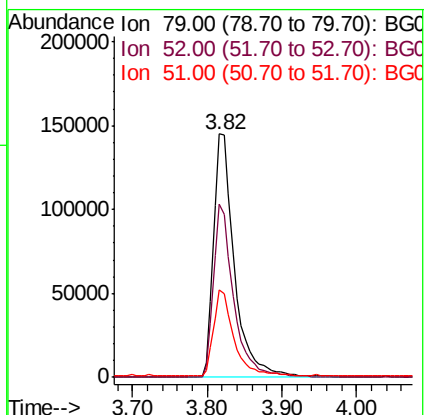
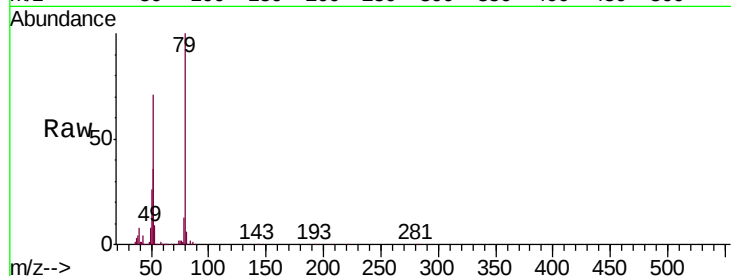
Tgt Ion: 79 Resp: 282445

Ion Ratio Lower Upper

79 100

52 71.4 58.9 88.3

51 36.1 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 39.088 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

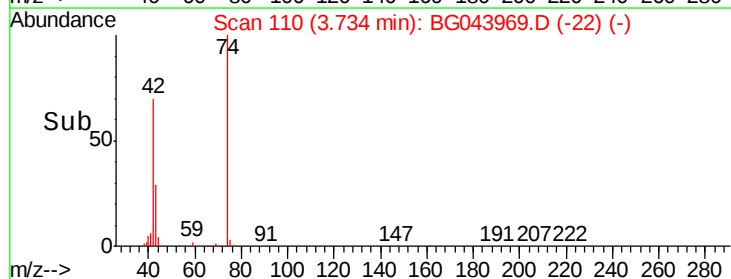
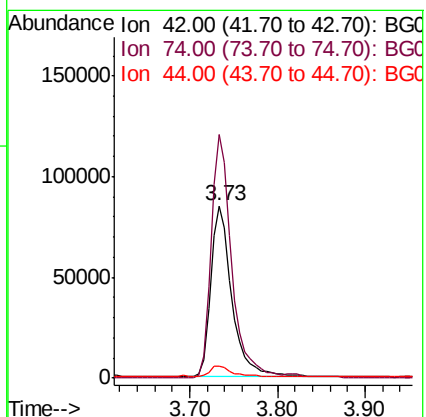
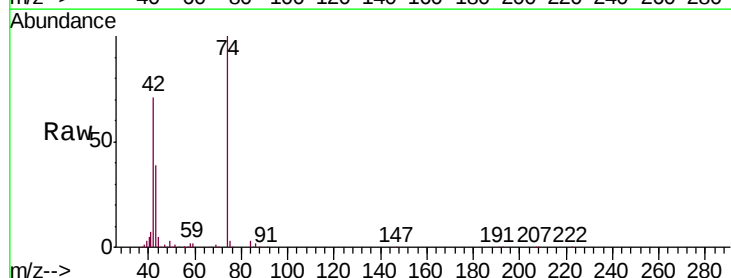
Tgt Ion: 42 Resp: 142740

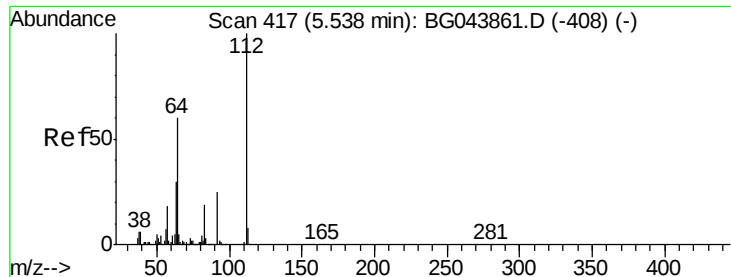
Ion Ratio Lower Upper

42 100

74 141.3 108.6 162.8

44 7.1 5.0 7.6





#5

2-Fluorophenol

Concen: 127.768 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

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ClientSampleId :

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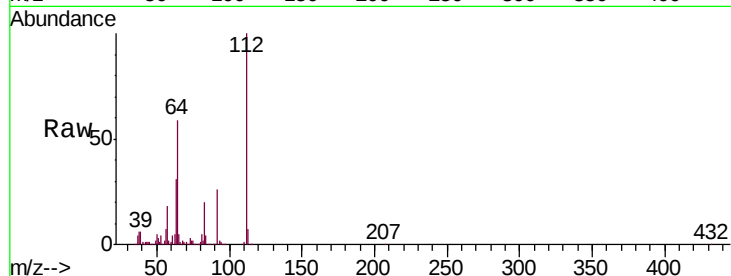
Tgt Ion: 112 Resp: 813592

Ion Ratio Lower Upper

112 100

64 58.9 47.8 71.6

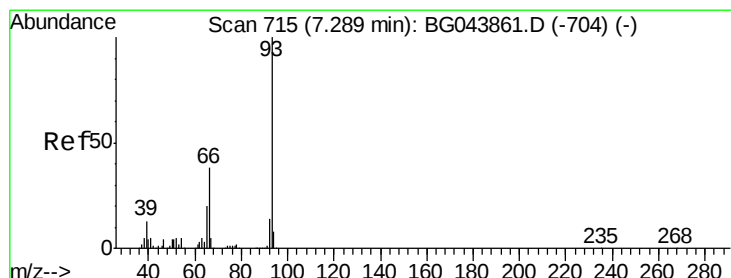
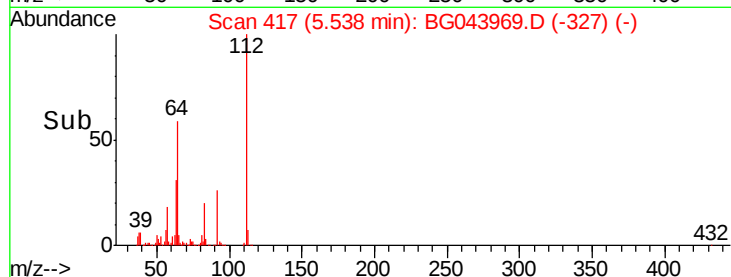
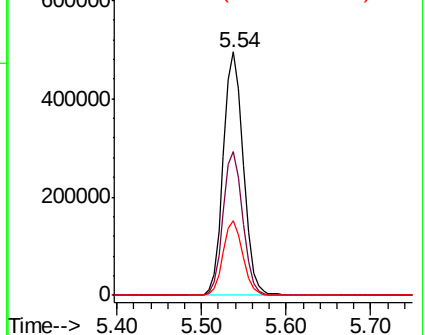
63 30.9 24.3 36.5



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



#6

Aniline

Concen: 31.316 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

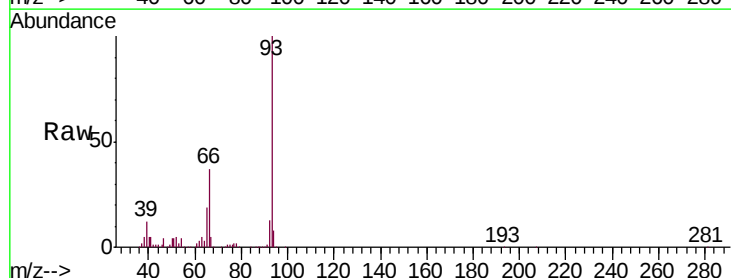
Tgt Ion: 93 Resp: 366118

Ion Ratio Lower Upper

93 100

66 37.3 30.8 46.2

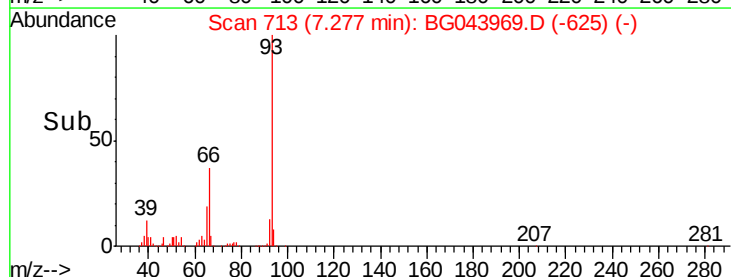
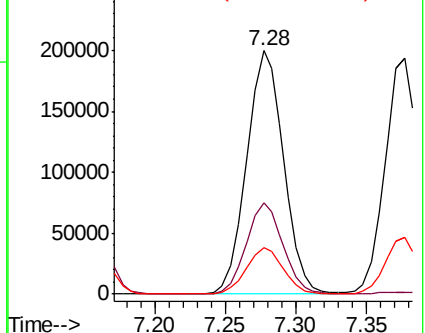
65 19.2 16.0 24.0

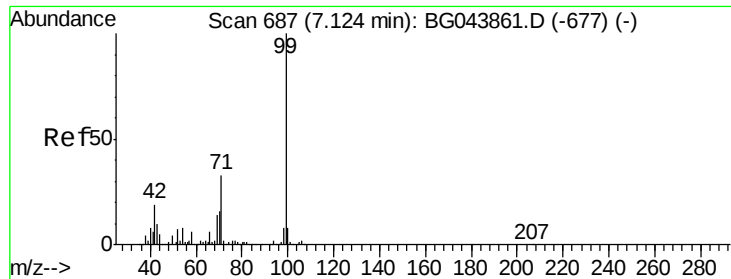


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.151 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

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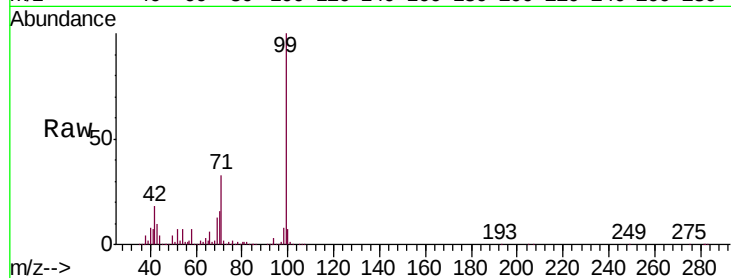
Tgt Ion: 99 Resp: 1060555

Ion Ratio Lower Upper

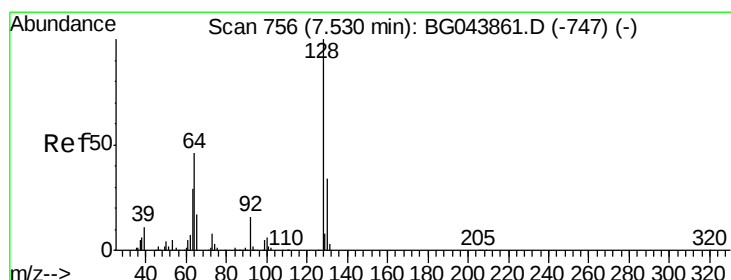
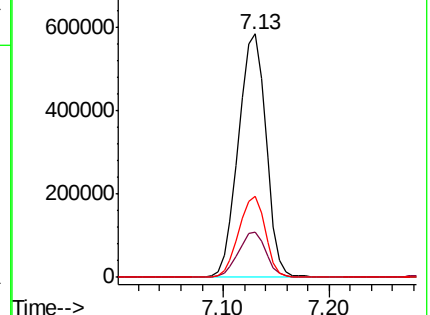
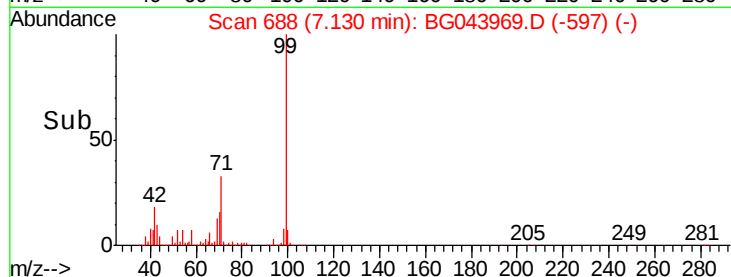
99 100

42 18.5 14.9 22.3

71 33.3 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: 45.107 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

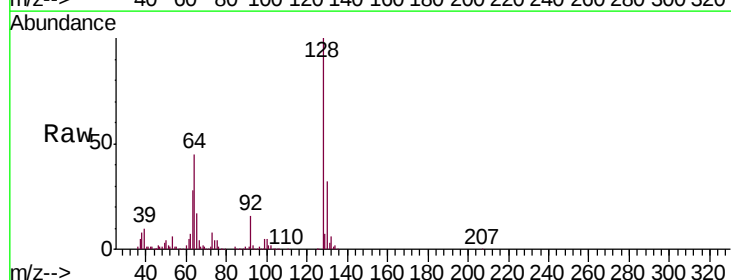
Tgt Ion: 128 Resp: 337202

Ion Ratio Lower Upper

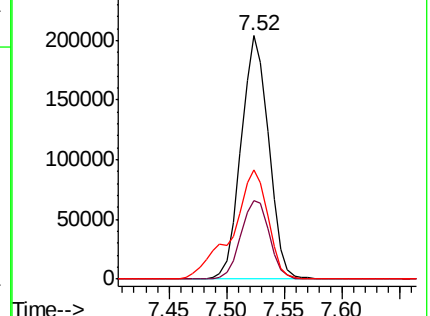
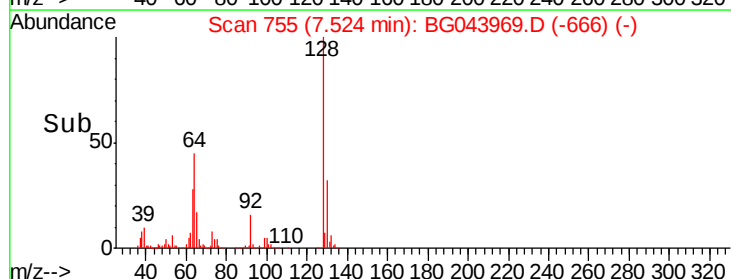
128 100

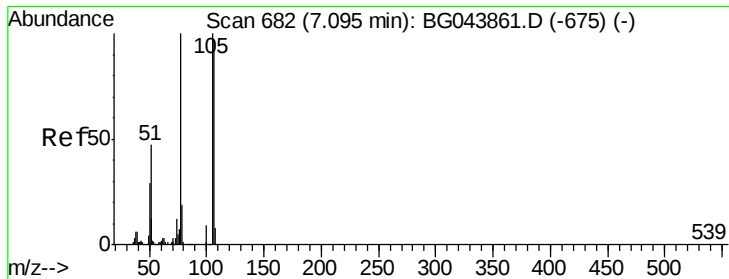
130 32.1 13.8 53.8

64 45.1 27.6 67.6



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





#9

Benzaldehyde

Concen: 35.985 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

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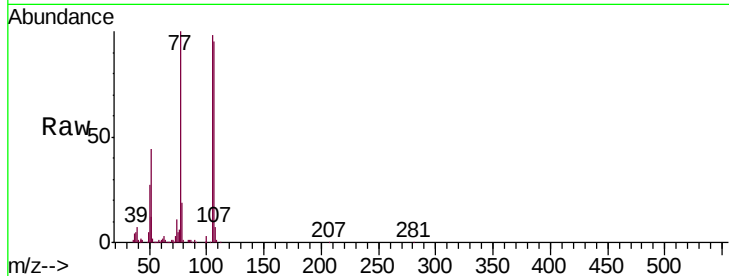
Tgt Ion: 77 Resp: 204997

Ion Ratio Lower Upper

77 100

105 98.3 80.2 120.2

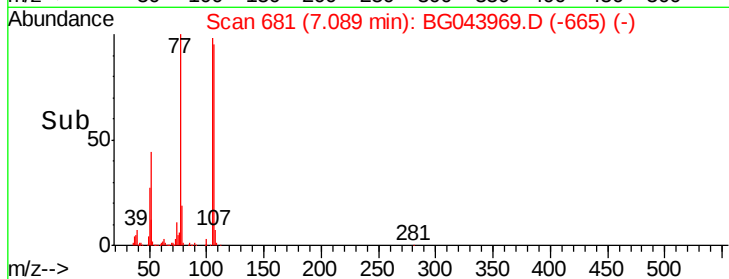
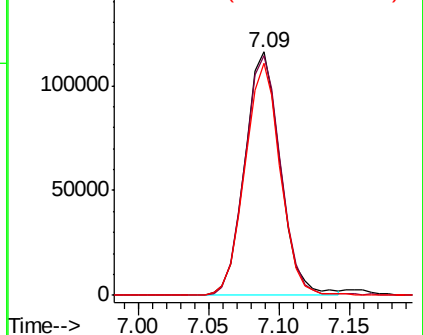
106 95.3 77.2 117.2



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: 44.703 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

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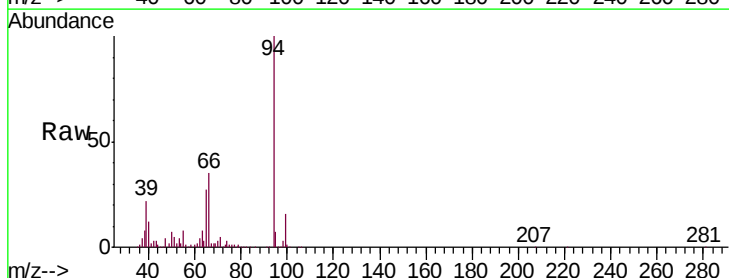
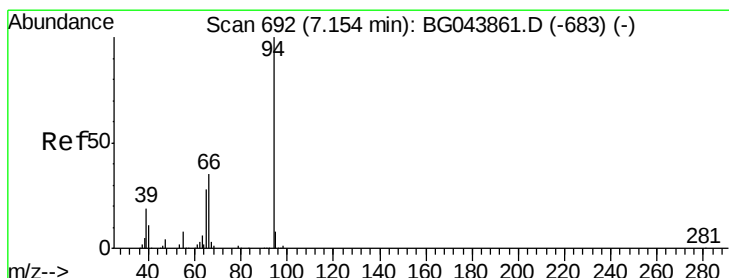
Tgt Ion: 94 Resp: 409960

Ion Ratio Lower Upper

94 100

65 27.4 8.1 48.1

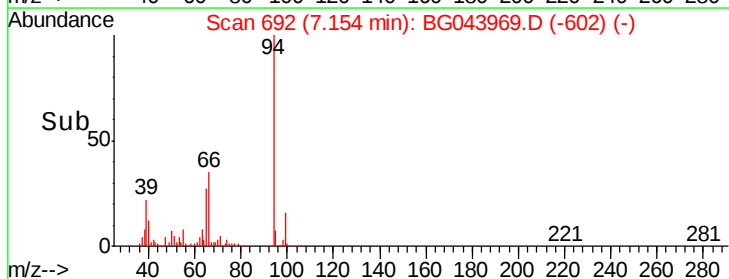
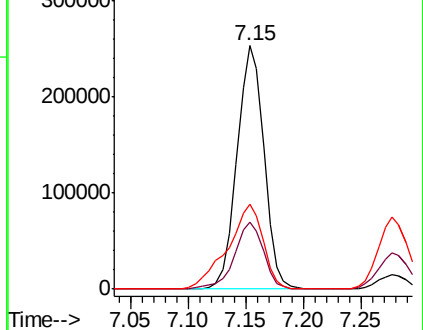
66 34.6 15.6 55.6

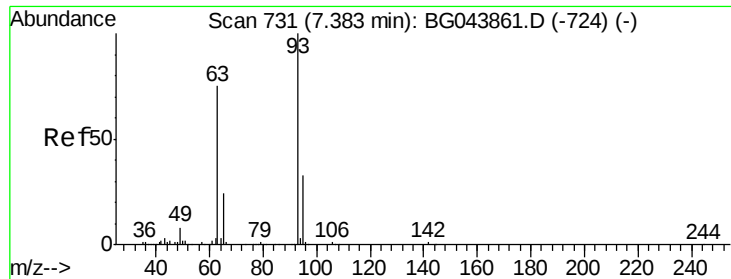


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

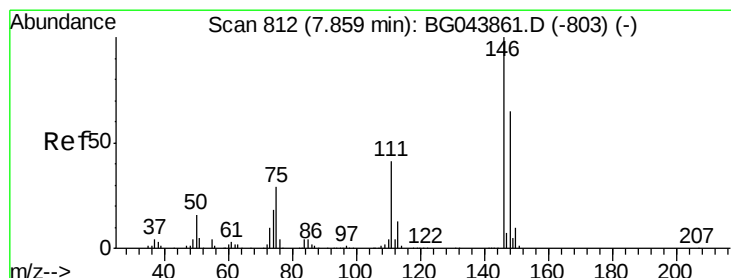
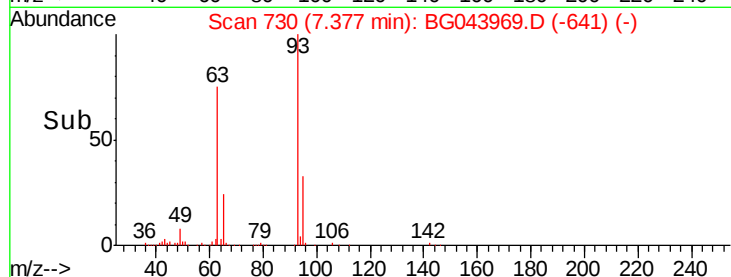
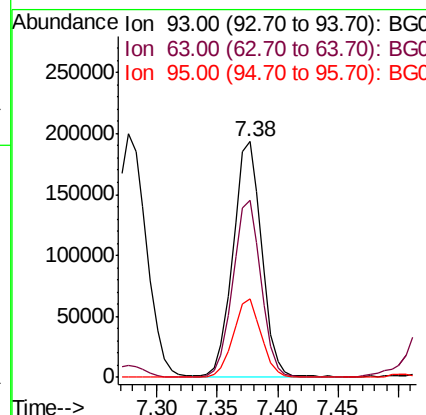
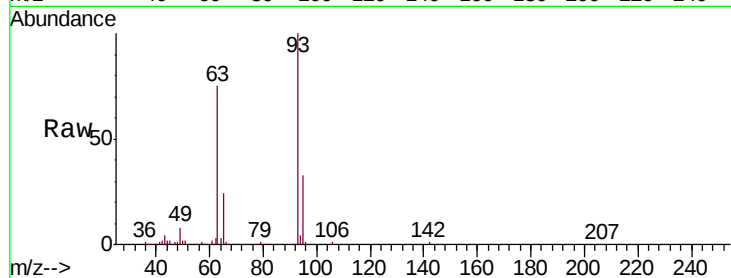




#11
 bis(2-Chloroethyl)ether
 Concen: 40.492 ng
 RT: 7.38 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

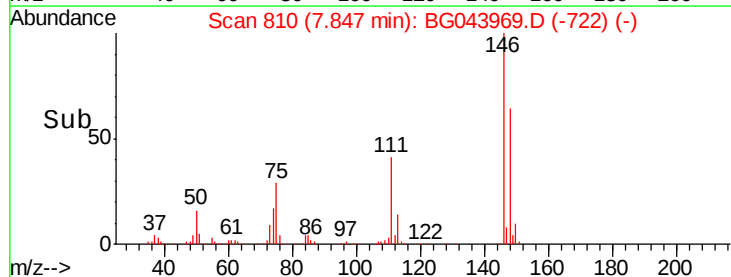
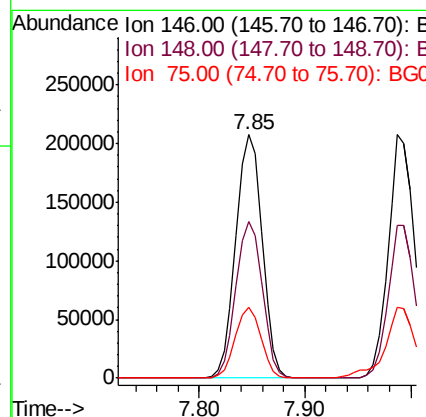
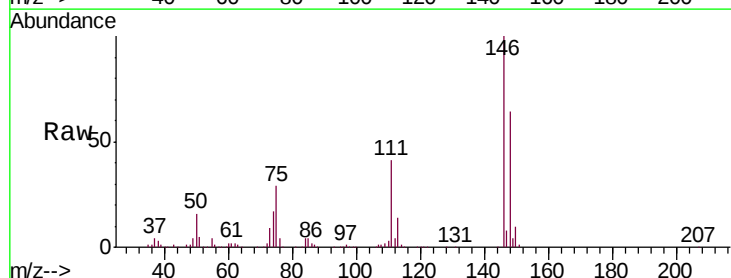
Instrument :
 BNA_G
 ClientSampleId :
 PB125943BS

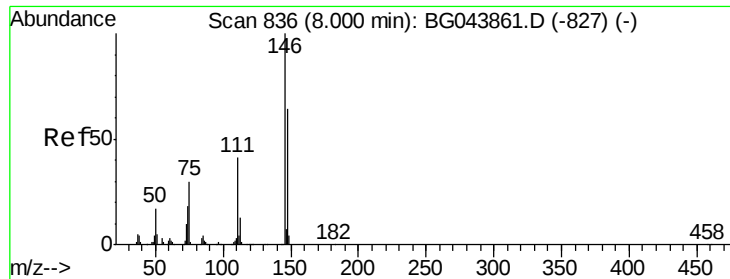
Tgt Ion: 93 Resp: 320546
 Ion Ratio Lower Upper
 93 100
 63 75.3 55.0 95.0
 95 33.4 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 41.038 ng
 RT: 7.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Tgt Ion: 146 Resp: 358997
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.1 78.1
 75 29.0 23.0 34.4

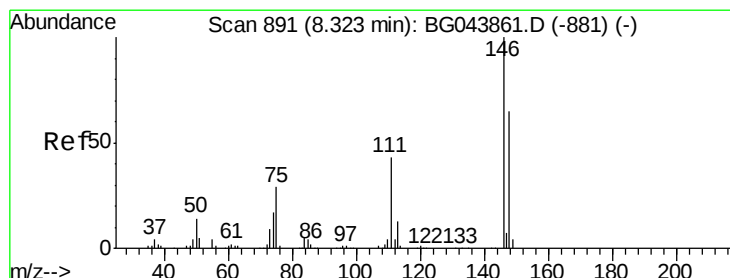
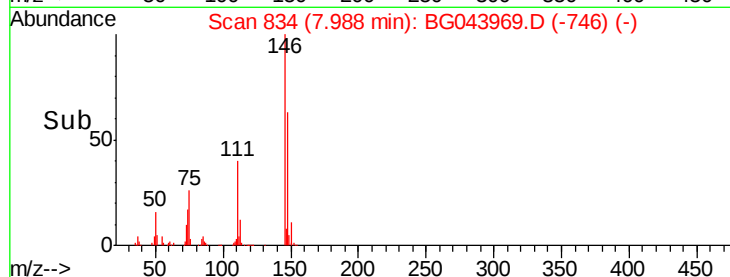
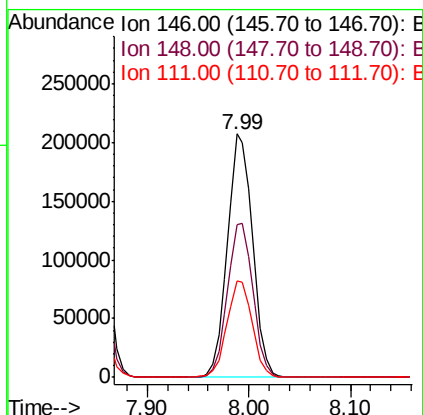
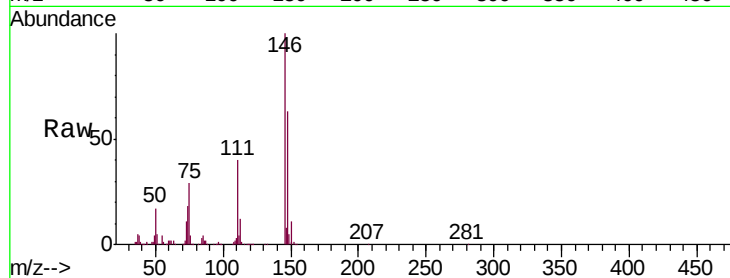




#13
 1,4-Dichlorobenzene
 Concen: 41.249 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

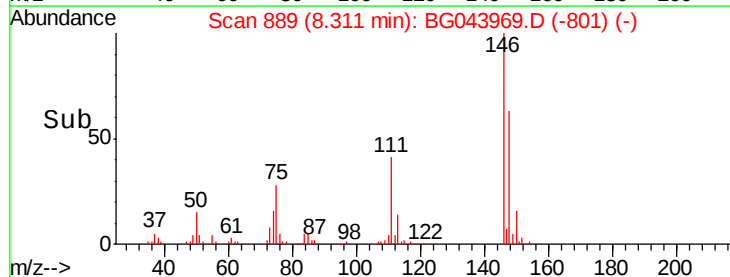
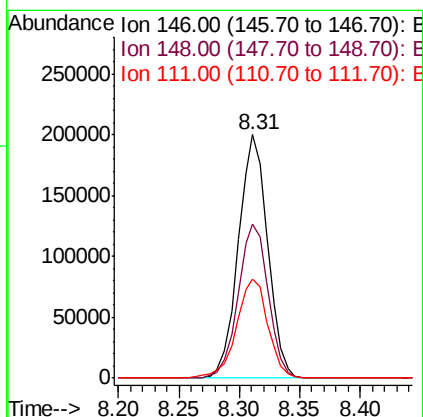
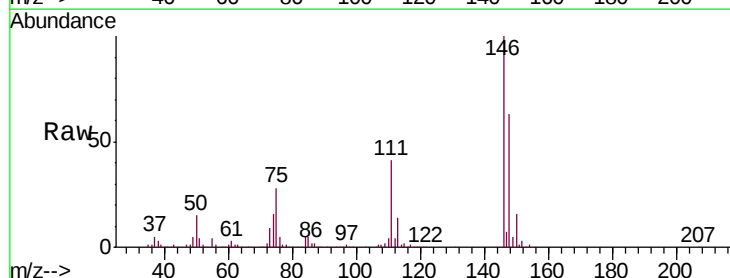
Instrument :
 BNA_G
 ClientSampleId :
 PB125943BS

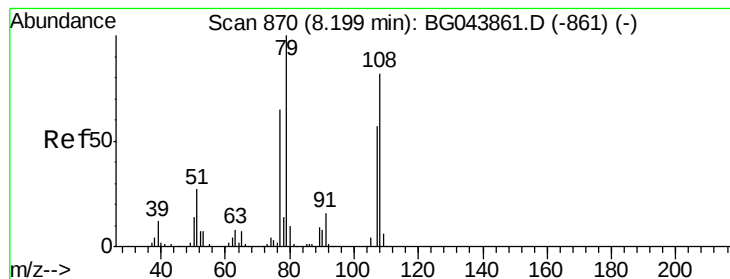
Tgt Ion:146 Resp: 356035
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.2 76.8
 111 39.8 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 40.853 ng
 RT: 8.31 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Tgt Ion:146 Resp: 338463
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.7 77.5
 111 40.8 34.4 51.6





#15

Benzyl Alcohol

Concen: 40.845 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

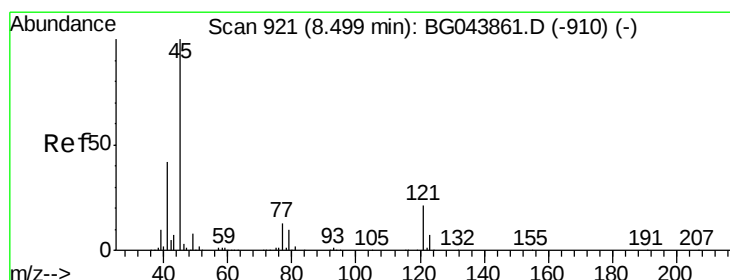
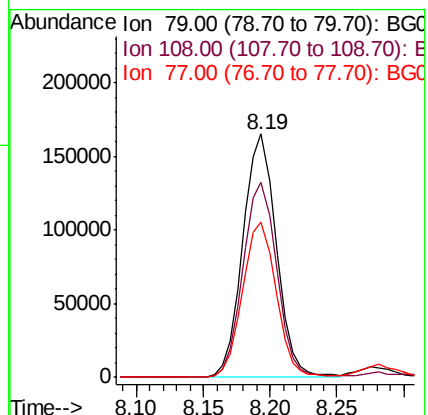
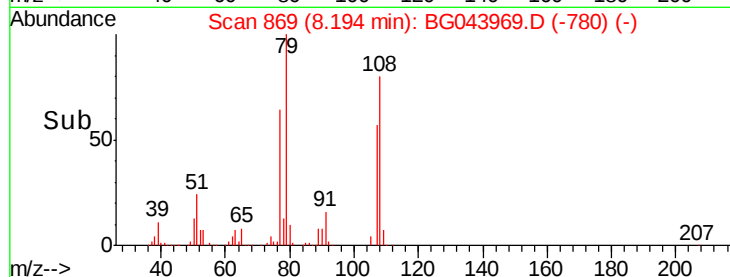
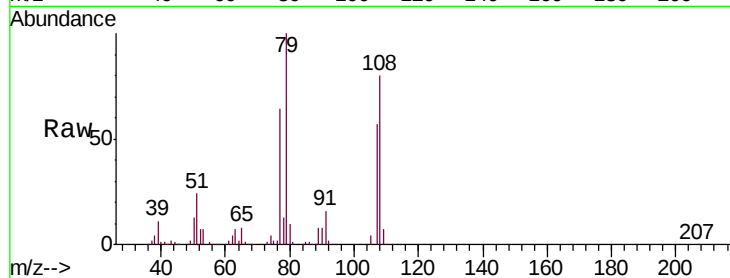
Tgt Ion: 79 Resp: 286932

Ion Ratio Lower Upper

79 100

108 80.3 65.6 98.4

77 63.7 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.740 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

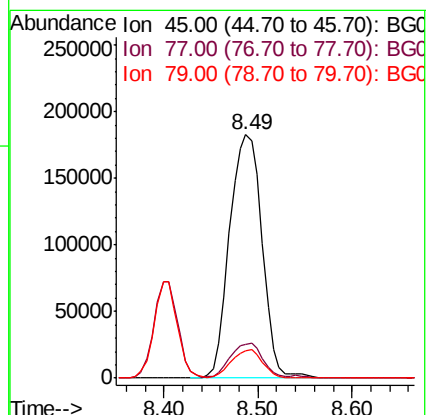
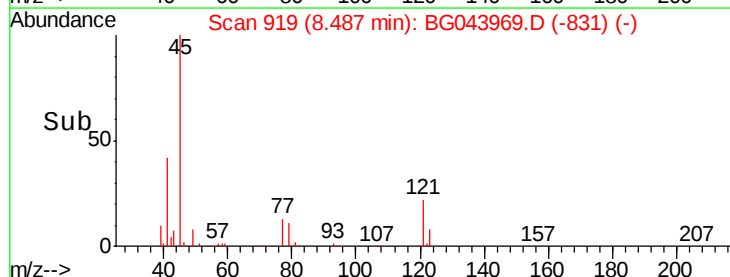
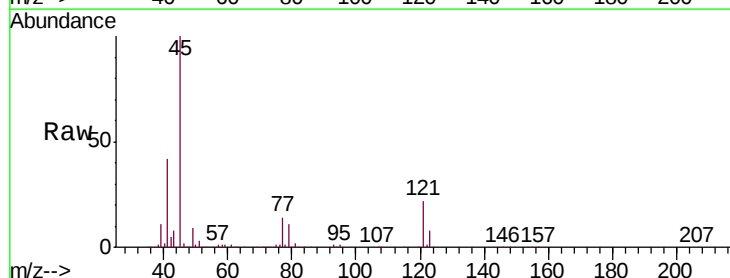
Tgt Ion: 45 Resp: 437714

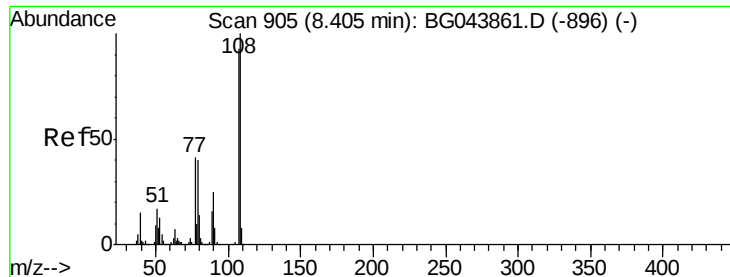
Ion Ratio Lower Upper

45 100

77 13.8 0.0 33.8

79 11.0 0.0 31.0





#17

2-Methylphenol

Concen: 43.815 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

Tgt Ion:107 Resp: 290781

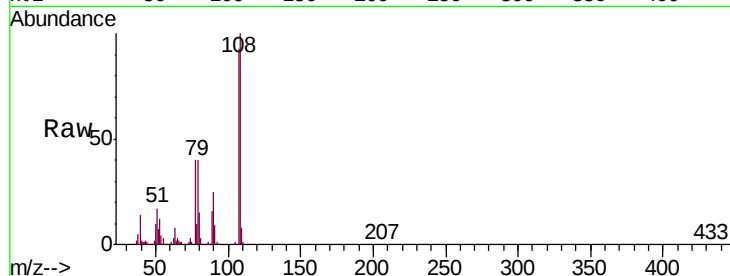
Ion Ratio Lower Upper

107 100

108 107.6 86.1 129.1

77 43.2 35.4 53.0

79 43.5 34.8 52.2

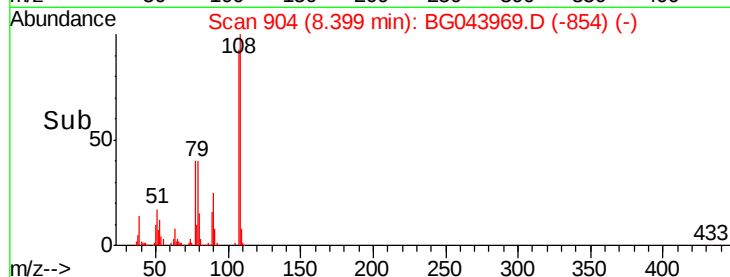


Abundance Ion 107.00 (106.70 to 107.70): E

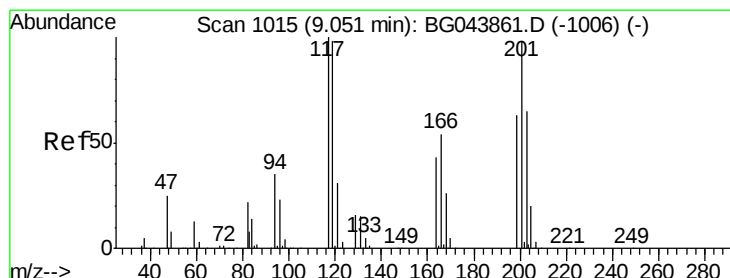
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 39.671 ng

RT: 9.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

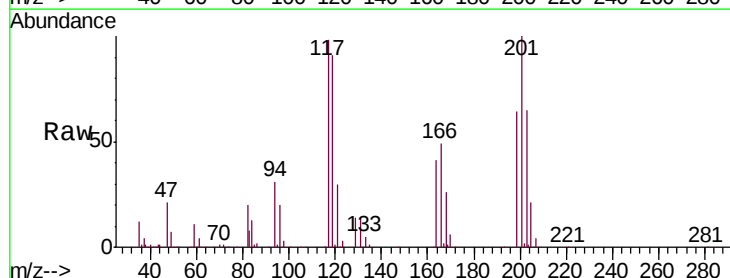
Tgt Ion:117 Resp: 133239

Ion Ratio Lower Upper

117 100

119 93.3 78.1 117.1

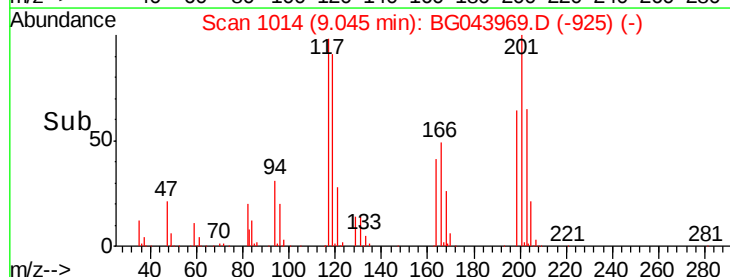
201 102.2 78.6 117.8



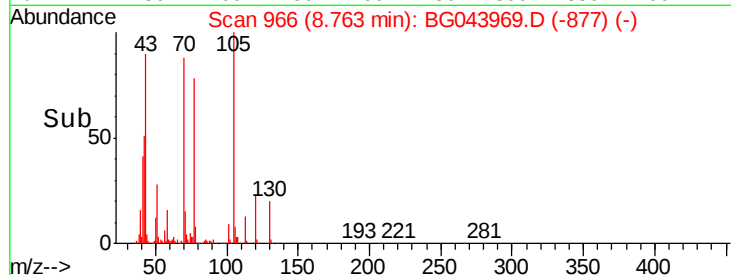
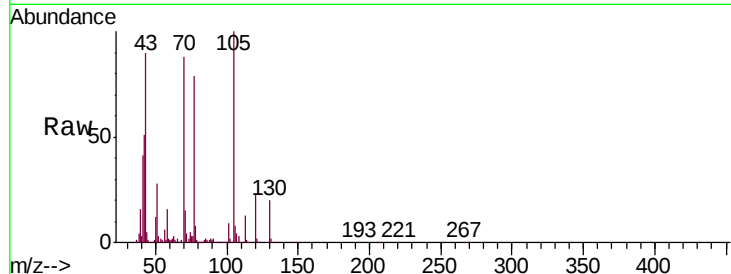
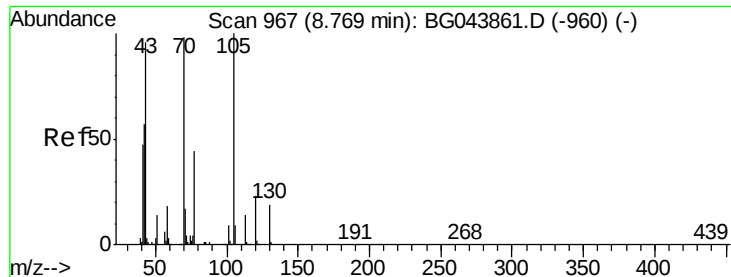
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



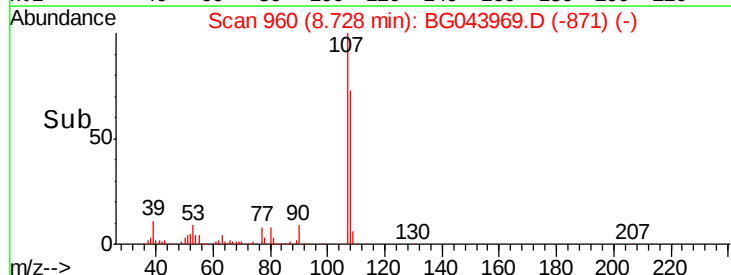
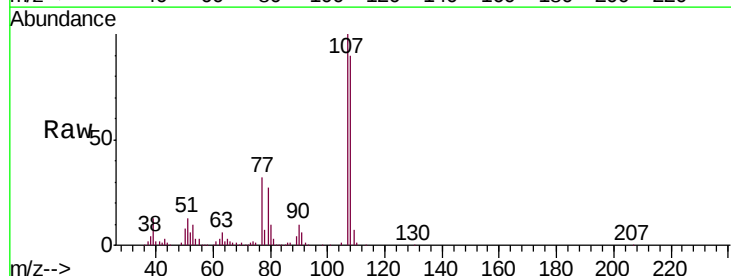
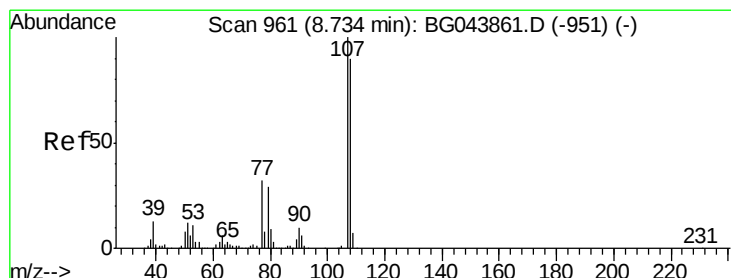
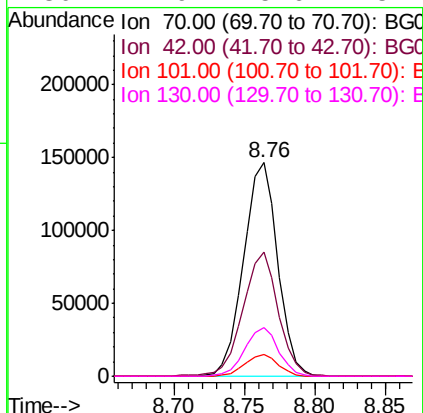
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 37.312 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

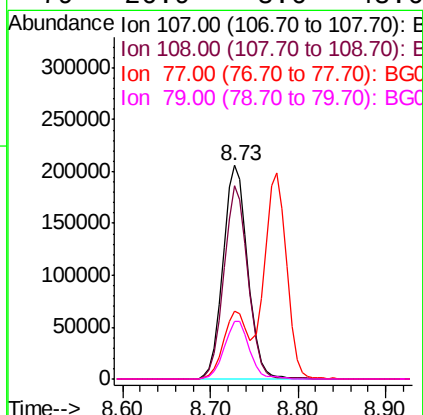
Instrument :
BNA_G
ClientSampleId :
PB125943BS

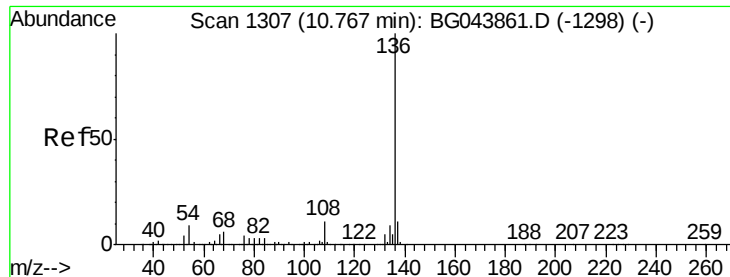
Tgt Ion:	70	Resp:	247329
Ion	Ratio	Lower	Upper
70	100		
42	58.3	47.0	70.4
101	10.2	7.2	10.8
130	22.9	15.6	23.4



#20
3+4-Methylphenols
Concen: 42.989 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion:	107	Resp:	397998
Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.3	110.3
77	32.1	12.4	52.4
79	26.9	8.6	48.6

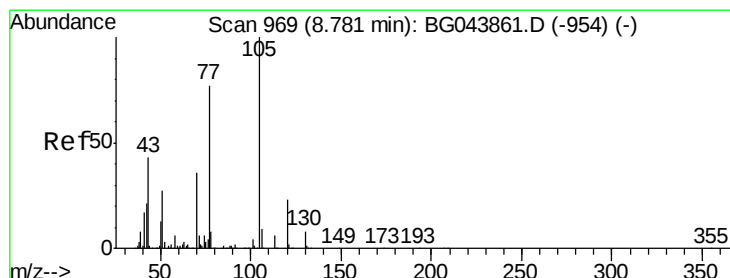
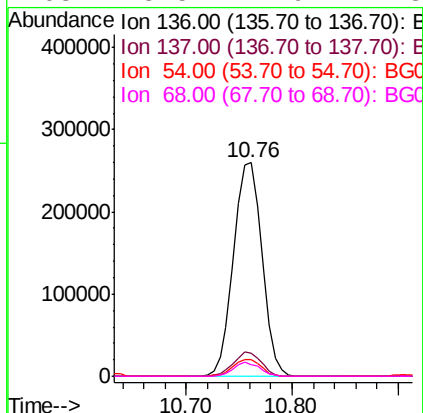
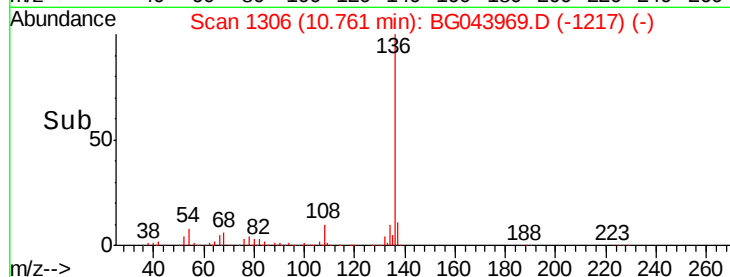
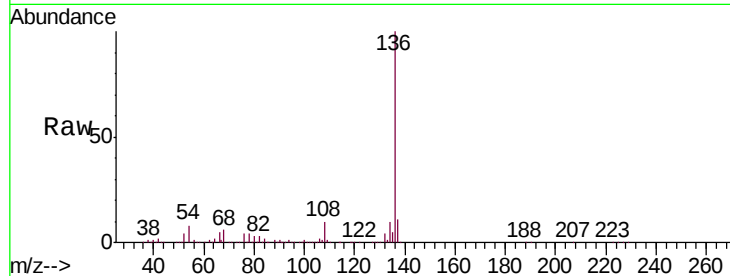




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

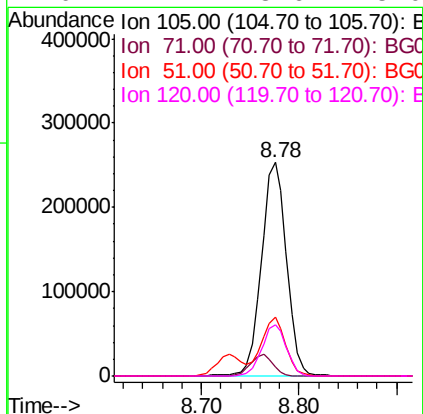
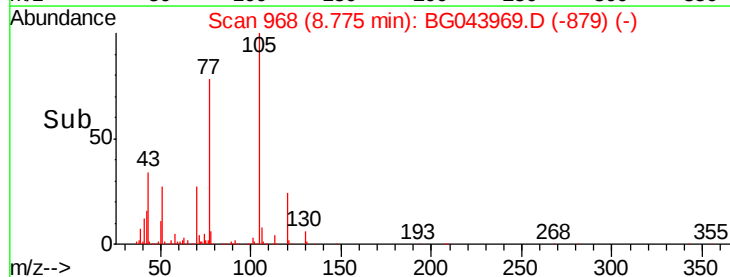
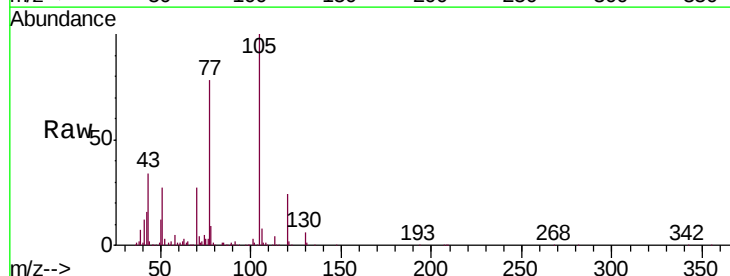
Instrument :
BNA_G
ClientSampleId :
PB125943BS

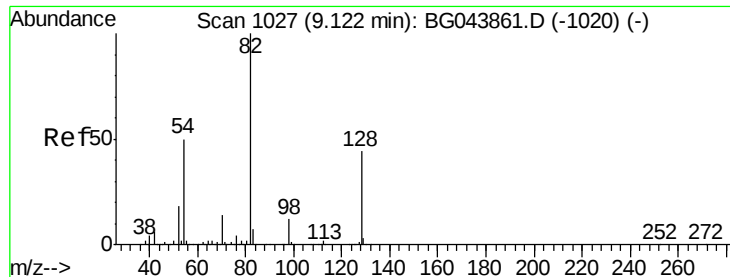
Tgt Ion:	136	Resp:	484554
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.1	7.0	10.4
68	5.5	4.9	7.3



#22
Acetophenone
Concen: 37.980 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion:	105	Resp:	457529
Ion	Ratio	Lower	Upper
105	100		
71	4.4	4.8	7.2#
51	27.4	21.4	32.0
120	24.1	18.6	28.0





#23

Nitrobenzene-d5

Concen: 72.438 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

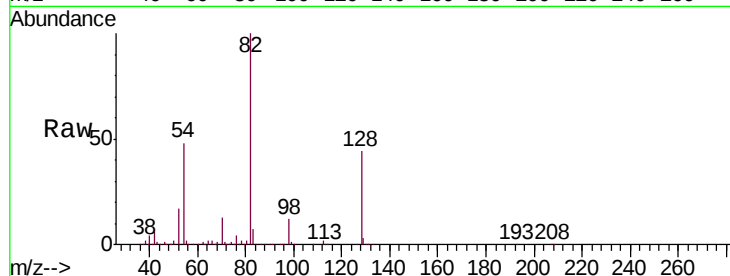
Tgt Ion: 82 Resp: 656126

Ion Ratio Lower Upper

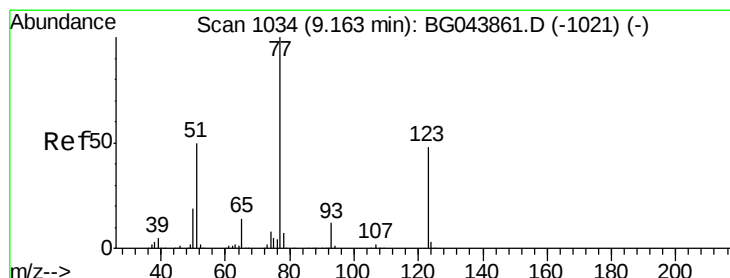
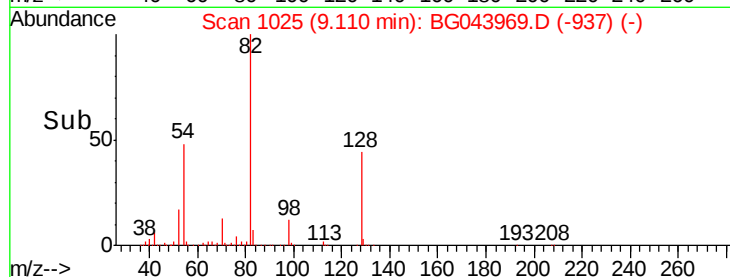
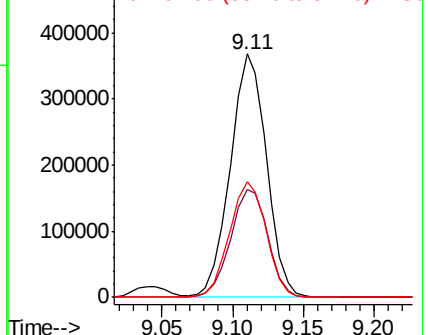
82 100

128 44.2 35.1 52.7

54 47.7 40.1 60.1



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



#24

Nitrobenzene

Concen: 38.748 ng

RT: 9.15 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

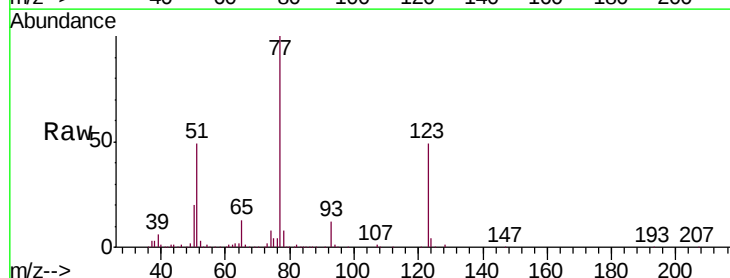
Tgt Ion: 77 Resp: 347606

Ion Ratio Lower Upper

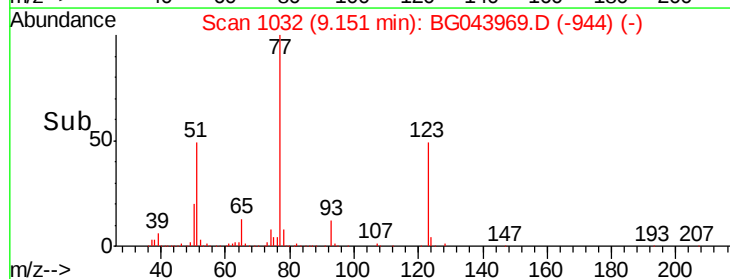
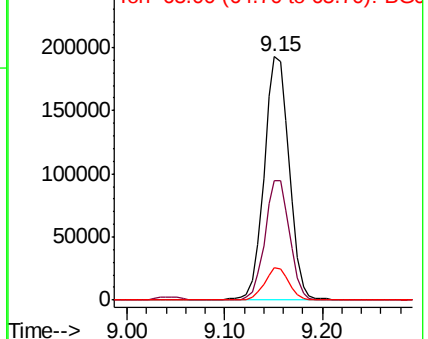
77 100

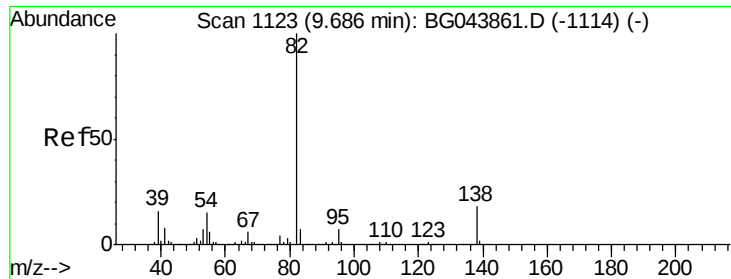
123 49.2 38.7 58.1

65 13.1 11.1 16.7



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





#25

Isophorone

Concen: 39.647 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

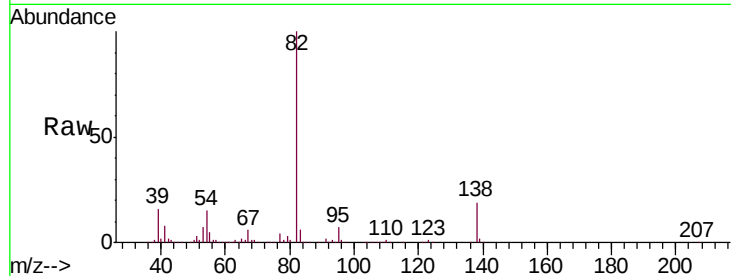
Tgt Ion: 82 Resp: 673738

Ion Ratio Lower Upper

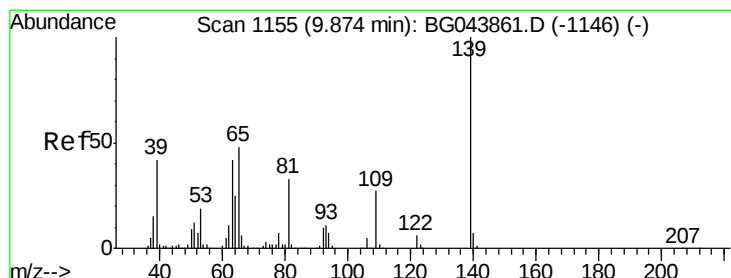
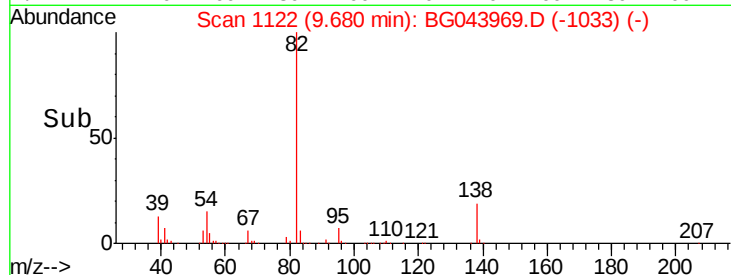
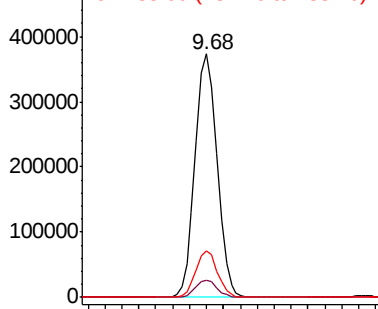
82 100

95 7.2 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: 45.318 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

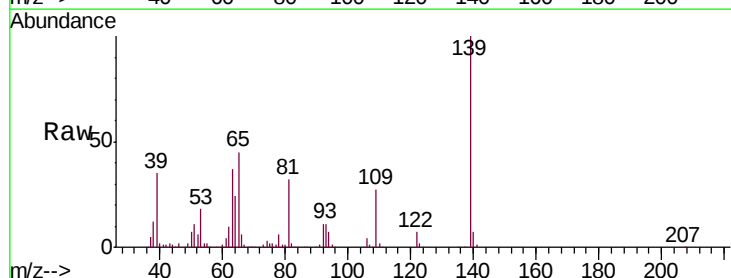
Tgt Ion: 139 Resp: 192346

Ion Ratio Lower Upper

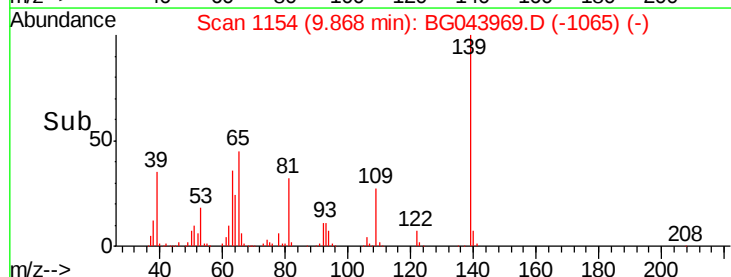
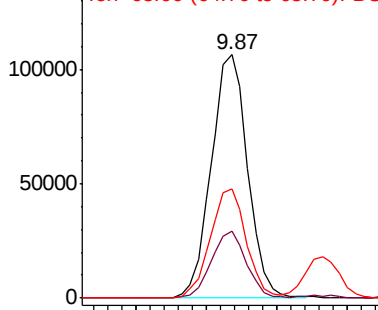
139 100

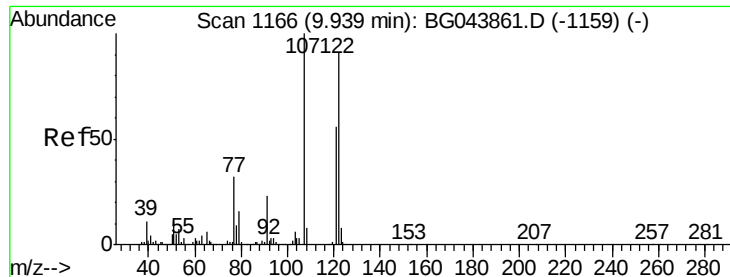
109 27.4 21.3 31.9

65 44.8 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

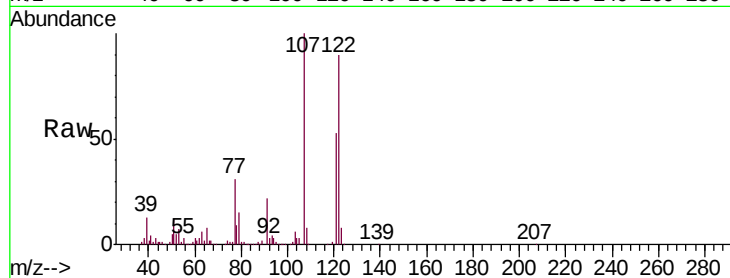




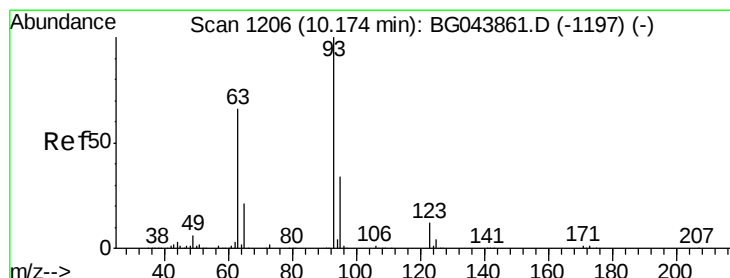
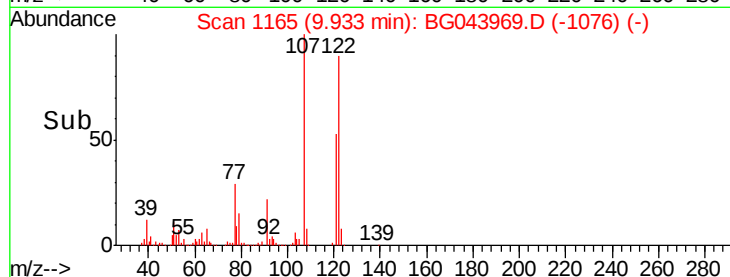
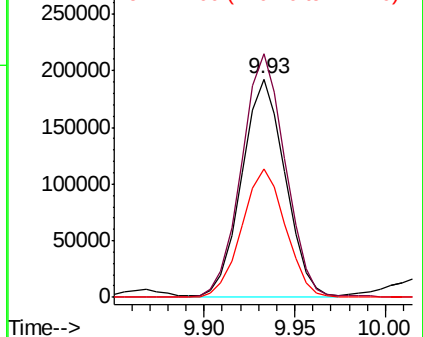
#27
 2,4-Dimethylphenol
 Concen: 49.848 ng
 RT: 9.93 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Instrument :
 BNA_G
 ClientSampleId :
 PB125943BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.6	88.0	132.0
121	59.1	49.0	73.4

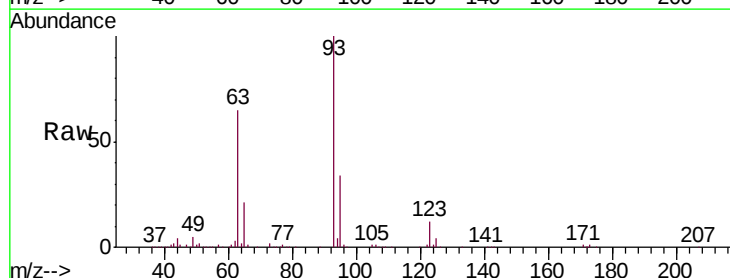


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

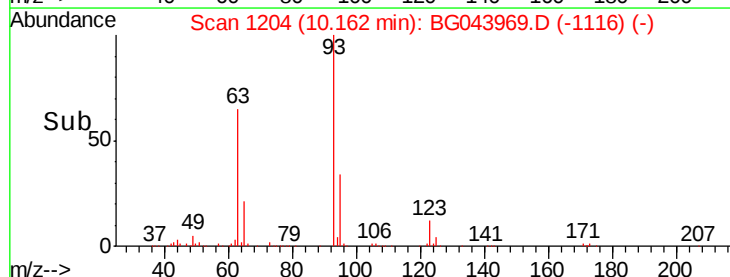
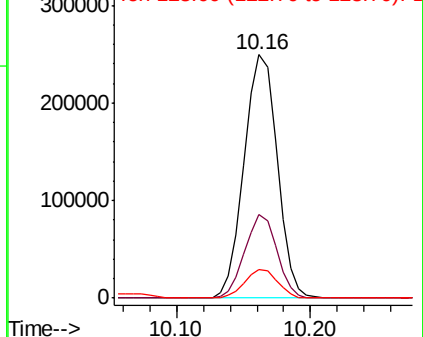


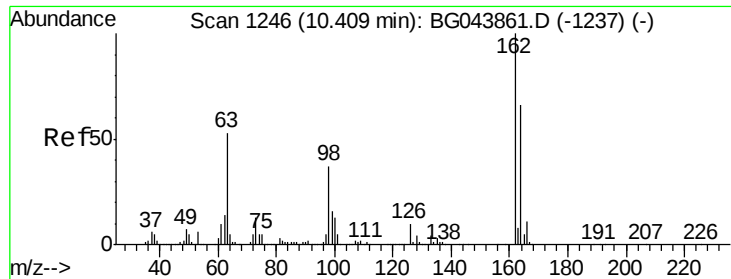
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.848 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	27.2	40.8
123	11.8	9.7	14.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

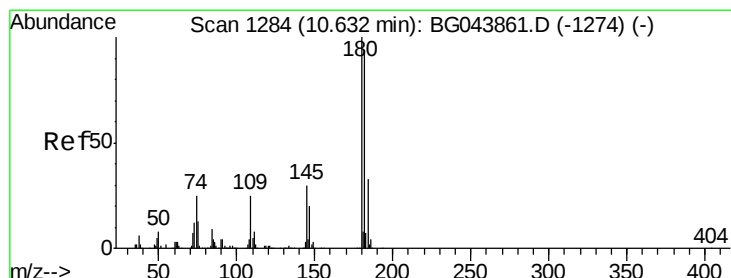
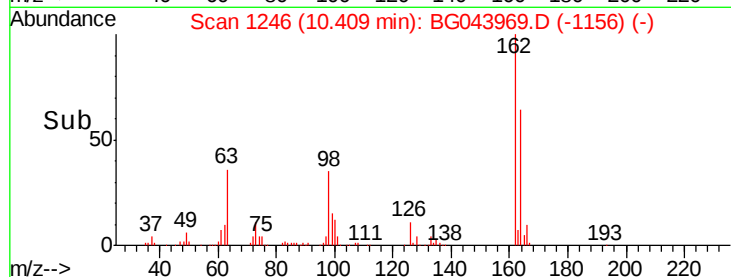
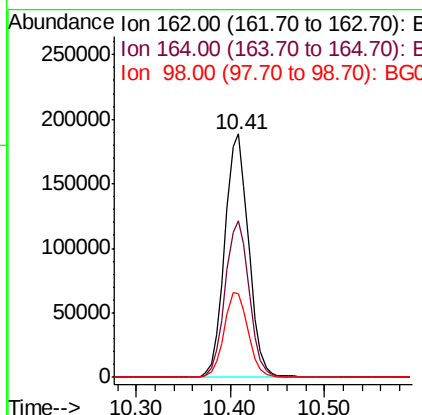
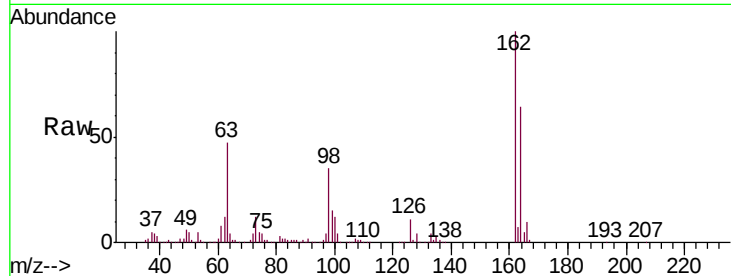




#29
2,4-Dichlorophenol
Concen: 43.716 ng
RT: 10.41 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

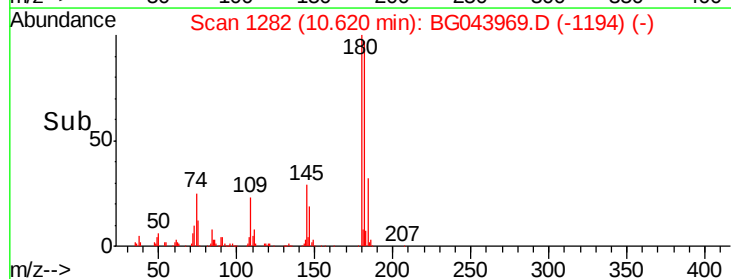
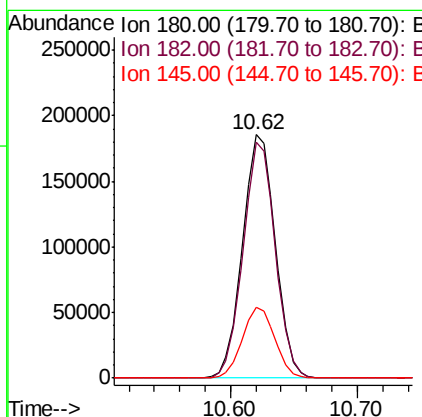
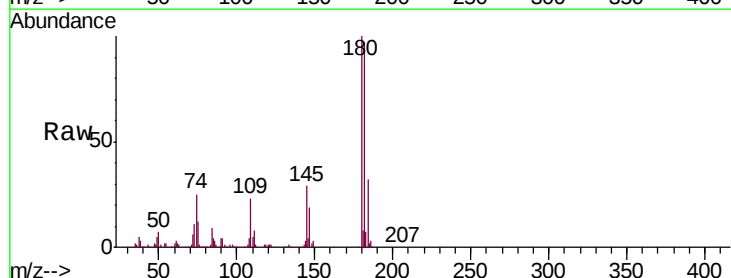
Instrument :
BNA_G
ClientSampleId :
PB125943BS

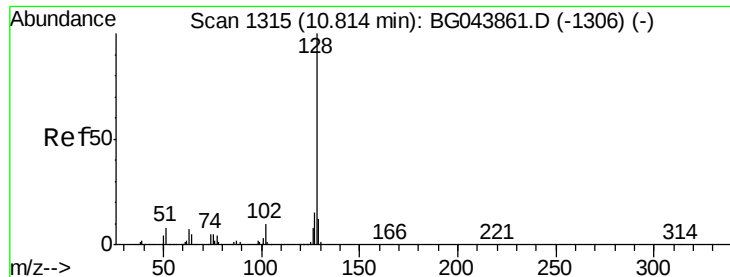
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	46.3	86.3
98	34.6	17.3	57.3



#30
1,2,4-Trichlorobenzene
Concen: 38.976 ng
RT: 10.62 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.0	112.4
145	29.3	24.2	36.4

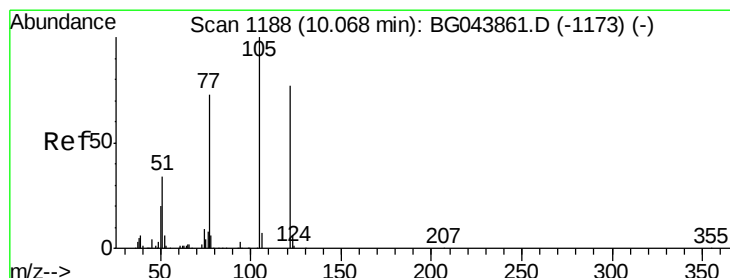
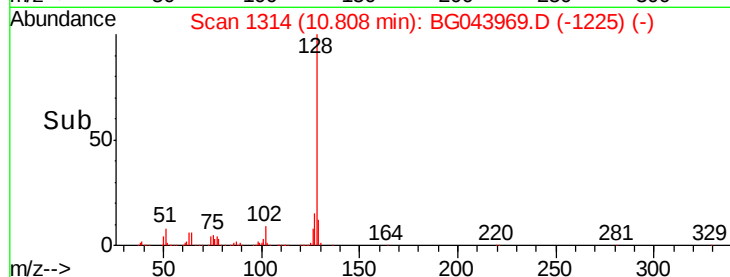
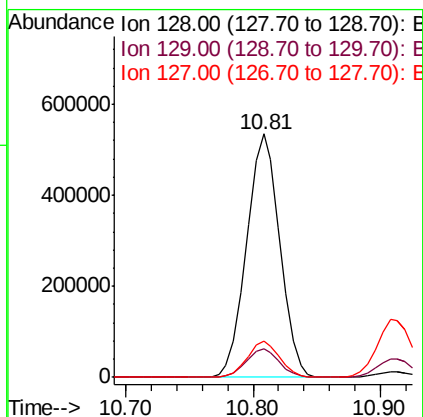
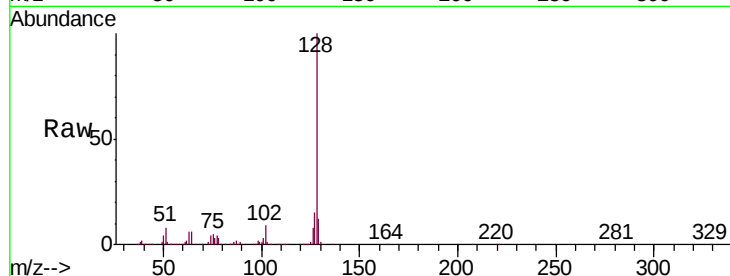




#31
Naphthalene
Concen: 41.405 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

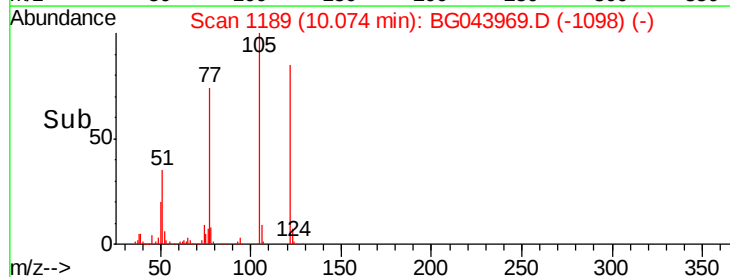
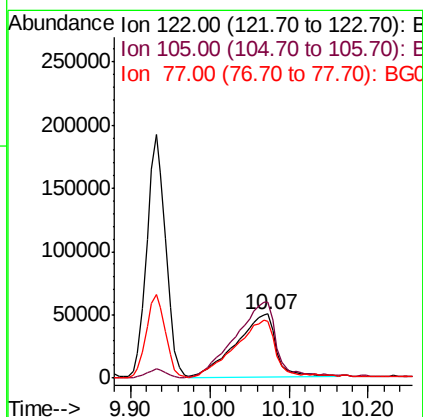
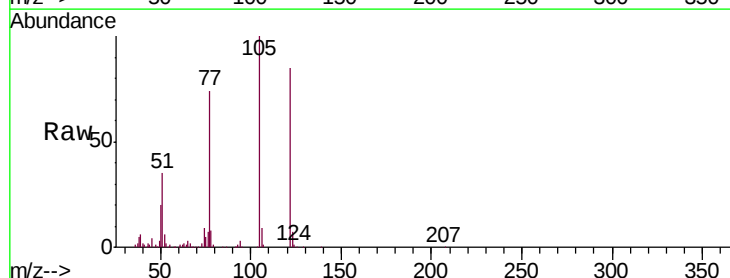
Instrument :
BNA_G
ClientSampleId :
PB125943BS

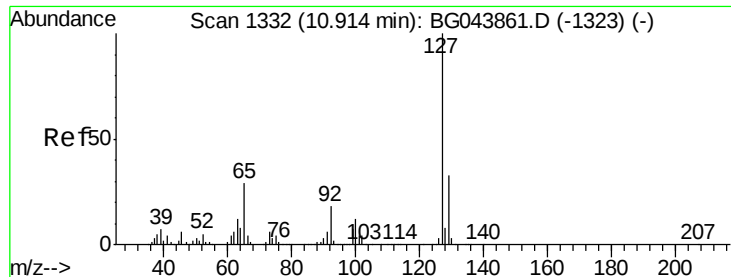
Tgt Ion:128 Resp: 970887
Ion Ratio Lower Upper
128 100
129 12.0 9.8 14.6
127 14.8 12.0 18.0



#32
Benzoic acid
Concen: 35.217 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion:122 Resp: 173252
Ion Ratio Lower Upper
122 100
105 117.7 106.4 146.4
77 87.7 74.6 114.6

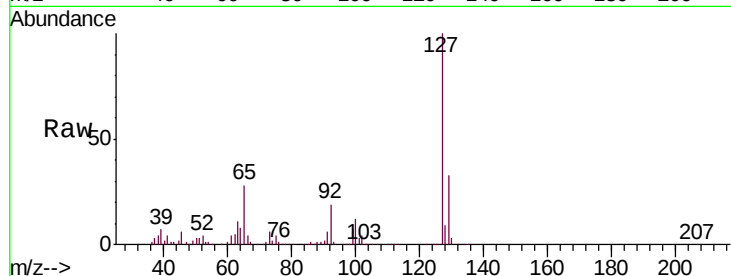




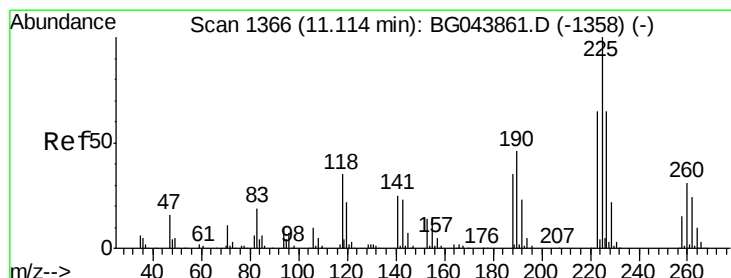
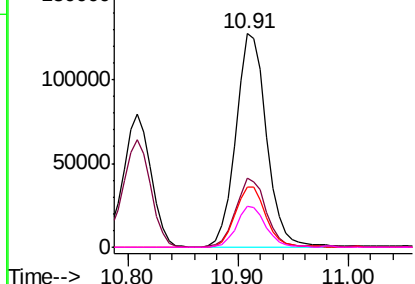
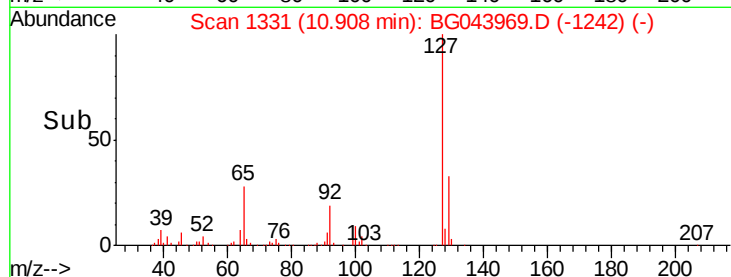
#33
4-Chloroaniline
Concen: 22.211 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tgt Ion:	127	Resp:	248404
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	40.0
65	28.2	23.3	34.9
92	19.2	14.7	22.1

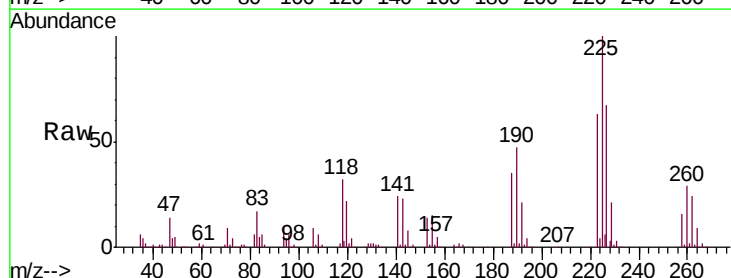


Abundance Ion 127.00 (126.70 to 127.70): E
200000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

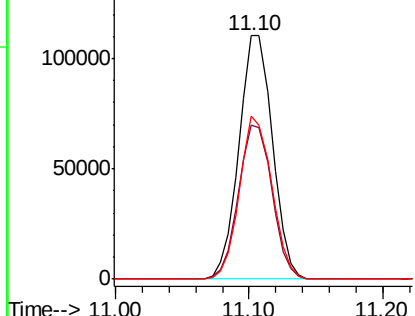
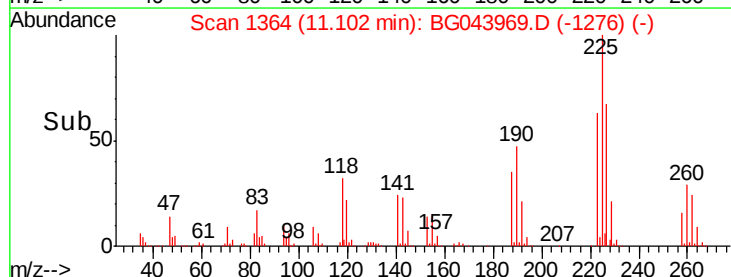


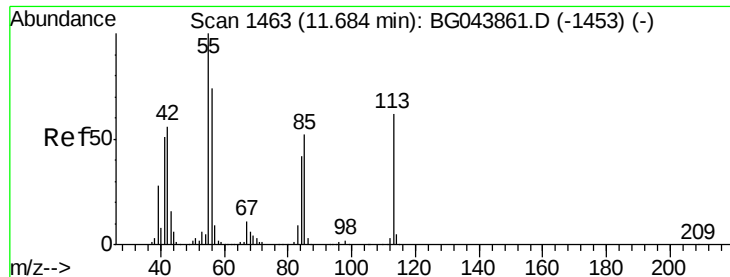
#34
Hexachlorobutadiene
Concen: 36.786 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion:	225	Resp:	191918
Ion	Ratio	Lower	Upper
225	100		
223	63.2	52.2	78.4
227	66.7	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: 24.503 ng

RT: 11.68 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

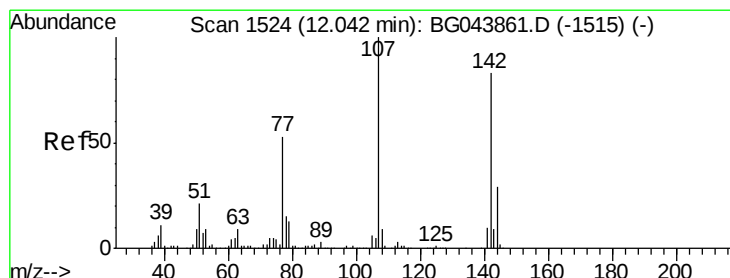
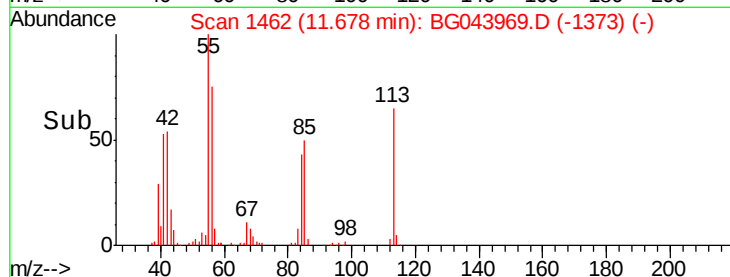
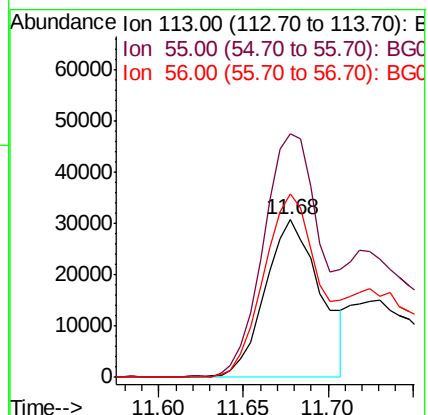
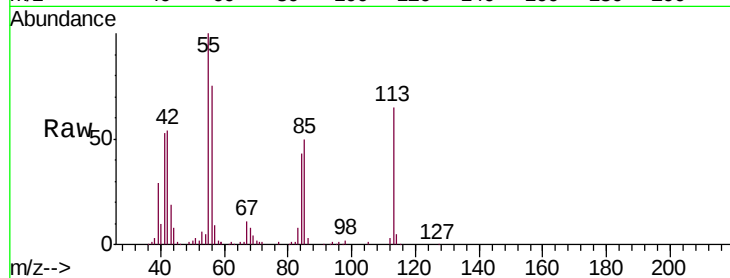
Tgt Ion:113 Resp: 69515

Ion Ratio Lower Upper

113 100

55 154.8 142.5 182.5

56 116.7 101.4 141.4



#36

4-Chloro-3-methylphenol

Concen: 42.594 ng

RT: 12.04 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

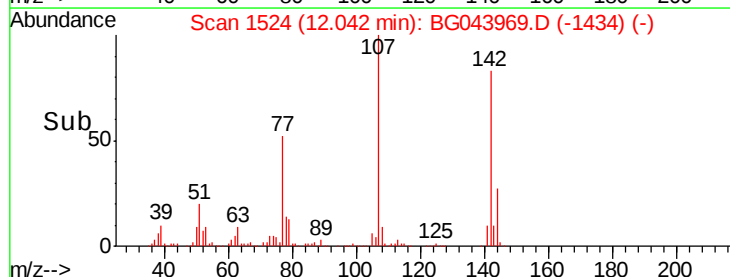
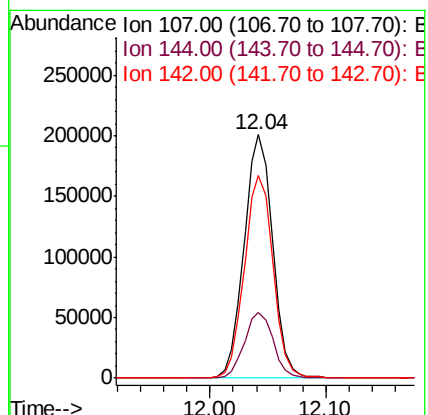
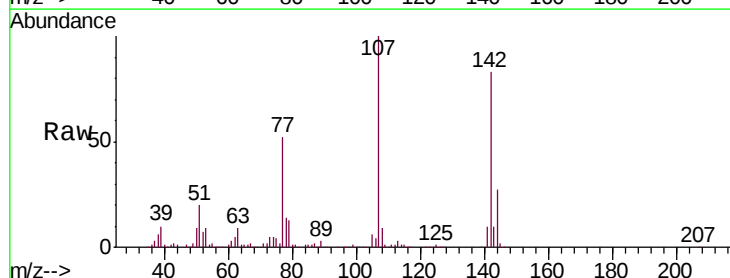
Tgt Ion:107 Resp: 345563

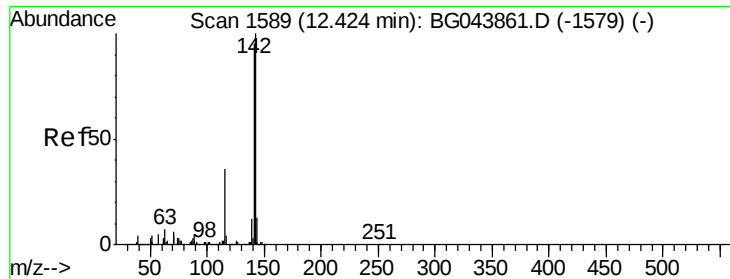
Ion Ratio Lower Upper

107 100

144 27.1 23.4 35.2

142 83.1 66.3 99.5

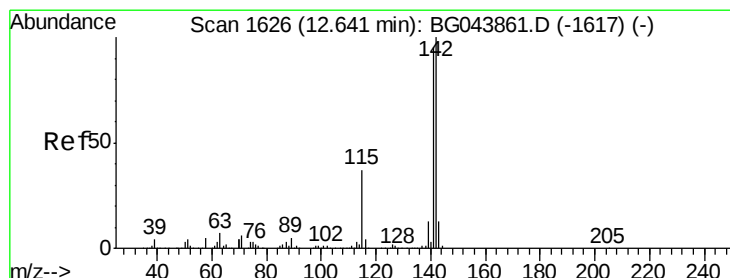
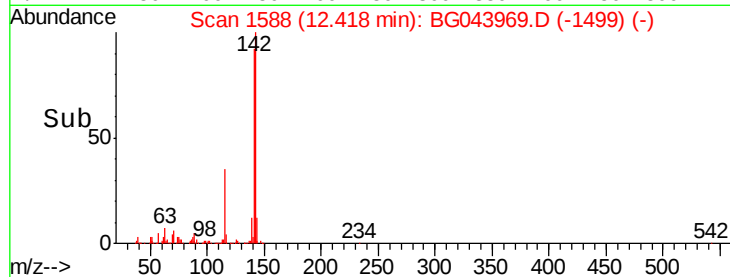
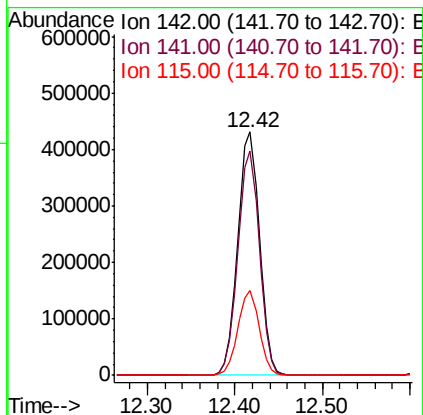
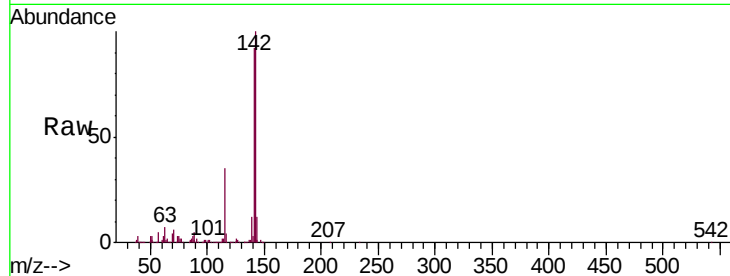




#37
2-Methylnaphthalene
Concen: 40.646 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

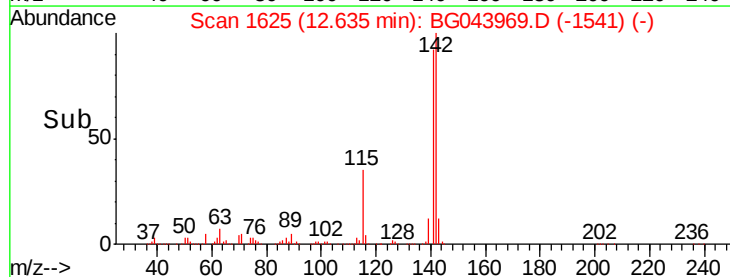
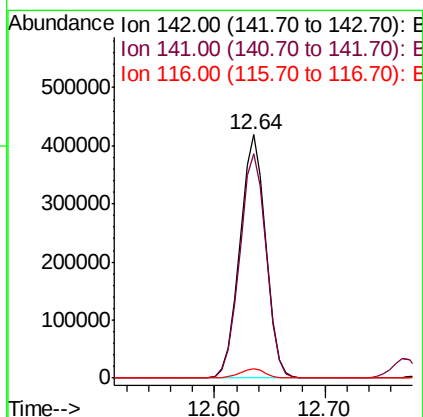
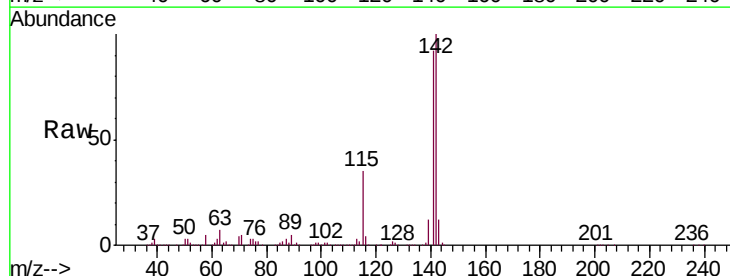
Instrument :
BNA_G
ClientSampleId :
PB125943BS

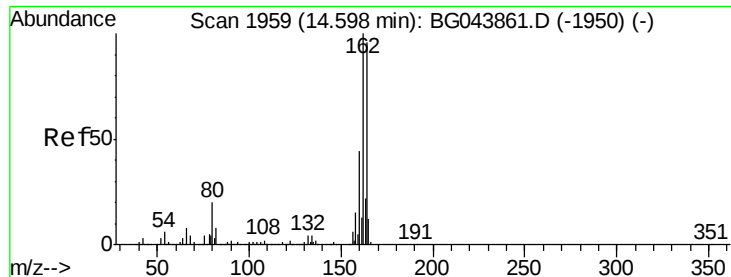
Tgt Ion:142 Resp: 717537
Ion Ratio Lower Upper
142 100
141 92.1 75.8 113.8
115 34.8 28.6 42.8



#38
1-Methylnaphthalene
Concen: 41.138 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion:142 Resp: 688284
Ion Ratio Lower Upper
142 100
141 92.4 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: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

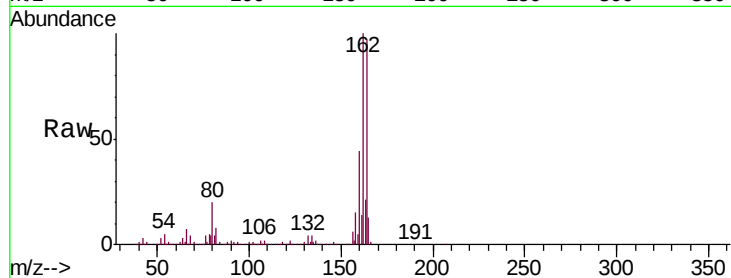
Tgt Ion:164 Resp: 317219

Ion Ratio Lower Upper

164 100

162 102.9 83.0 124.4

160 44.9 36.1 54.1

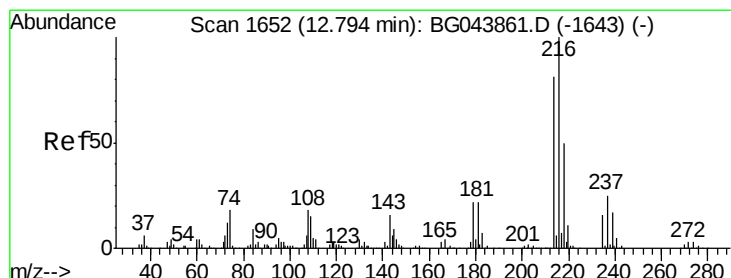
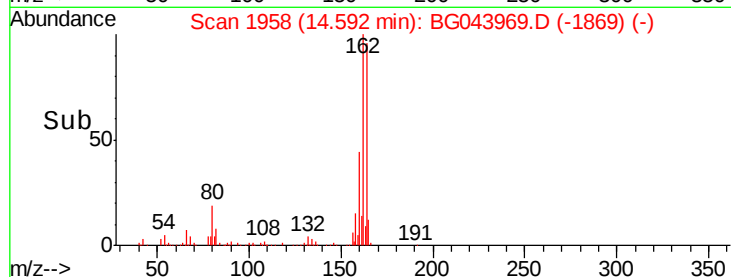
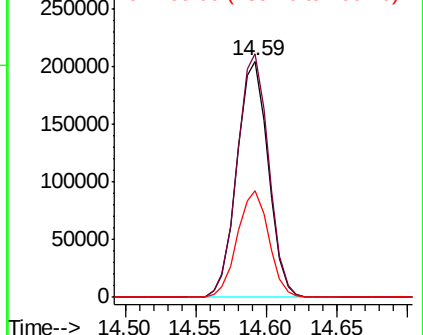


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.784 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Tgt Ion:216 Resp: 342005

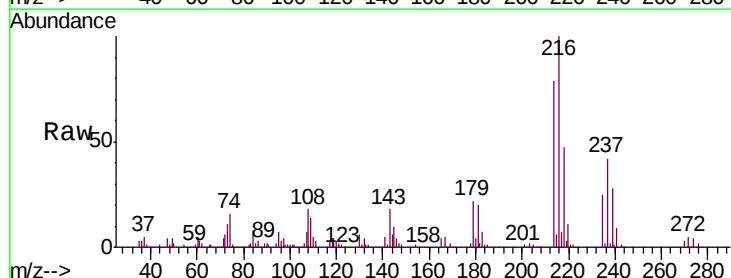
Ion Ratio Lower Upper

216 100

214 78.8 63.8 95.8

179 21.4 17.3 25.9

108 20.7 15.3 22.9



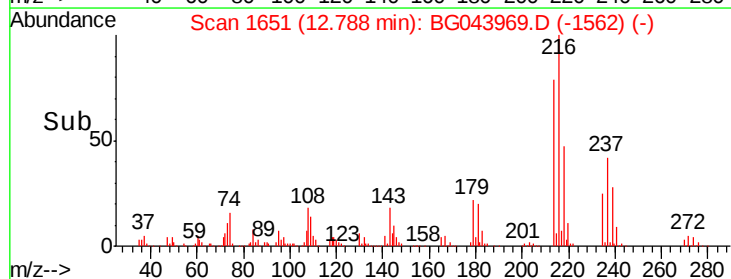
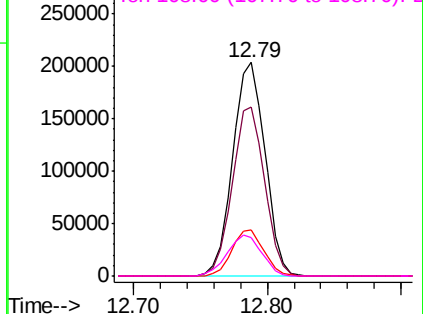
Abundance

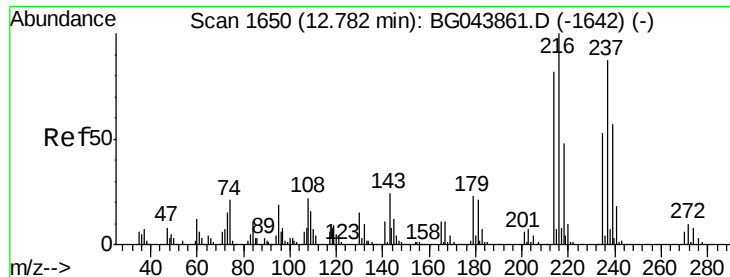
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 85.199 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

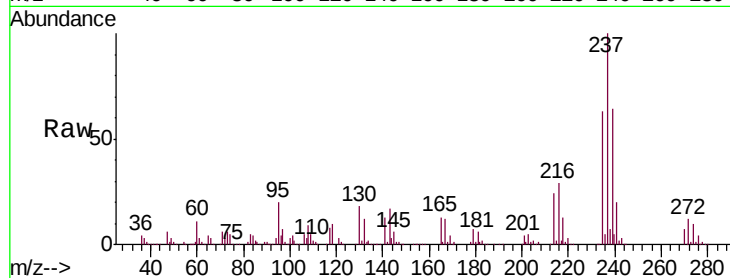
Tgt Ion:237 Resp: 410683

Ion Ratio Lower Upper

237 100

235 62.6 41.1 81.1

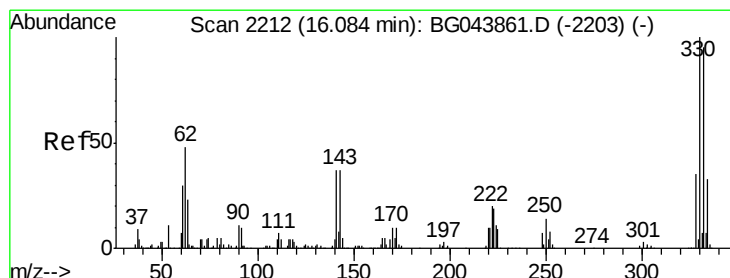
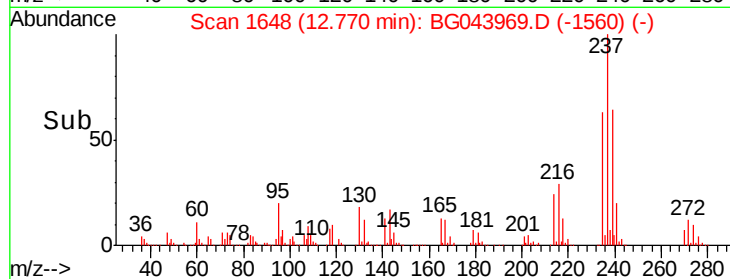
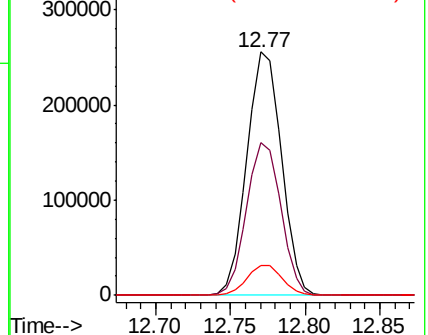
272 12.1 0.0 31.7



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: 116.049 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

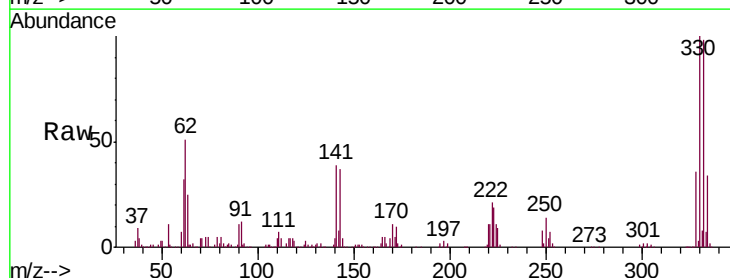
Tgt Ion:330 Resp: 385240

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

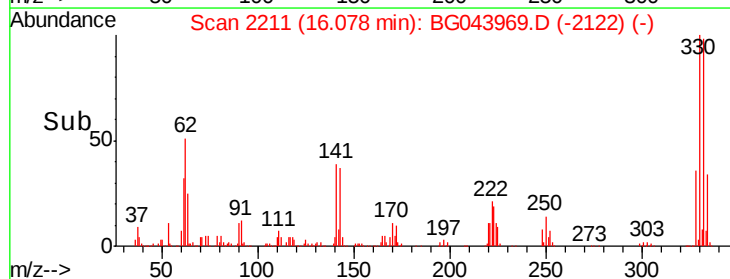
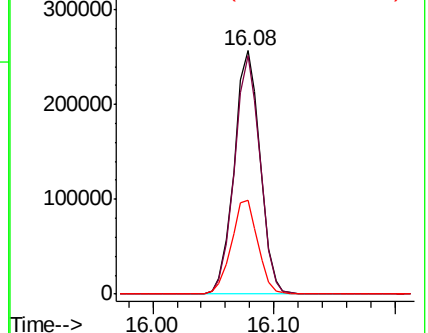
141 39.5 33.1 49.7

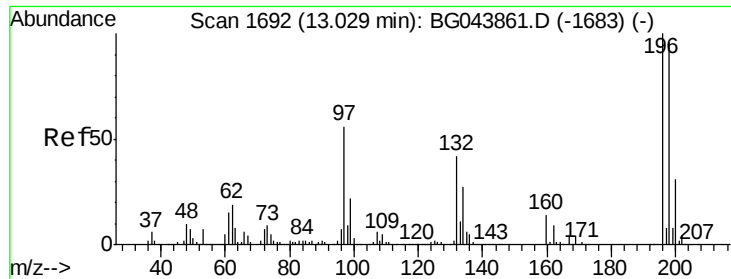


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

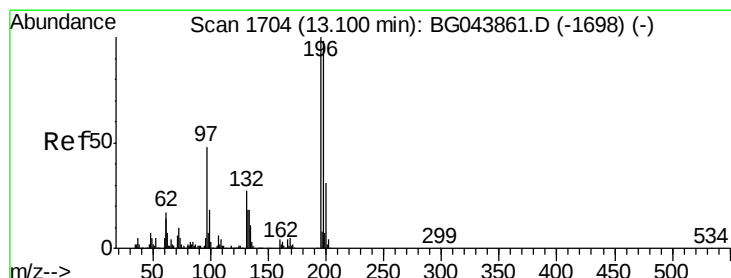
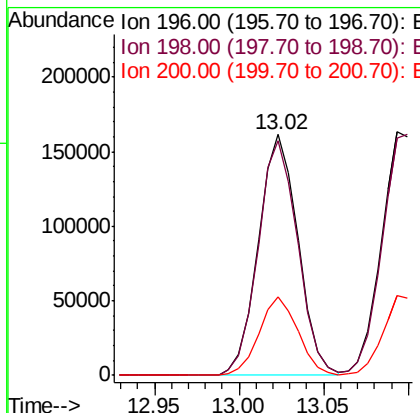
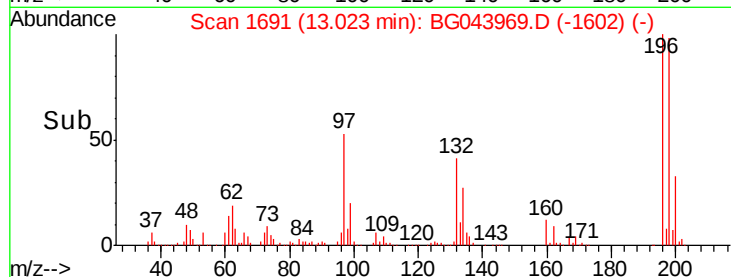
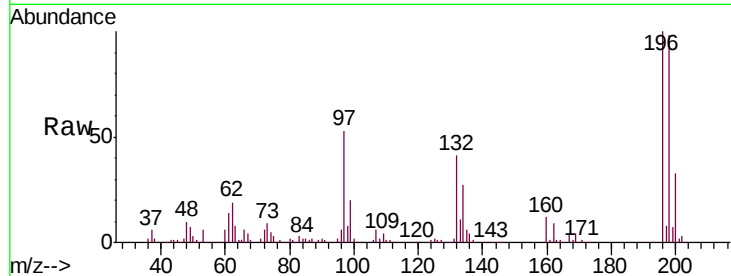




#43
 2,4,6-Trichlorophenol
 Concen: 40.990 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

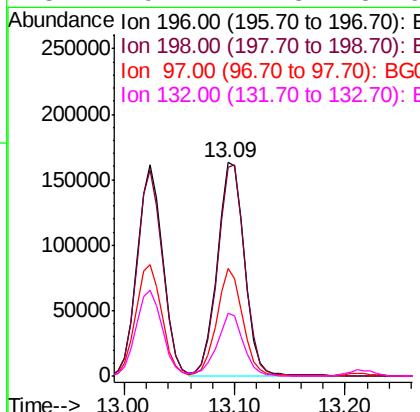
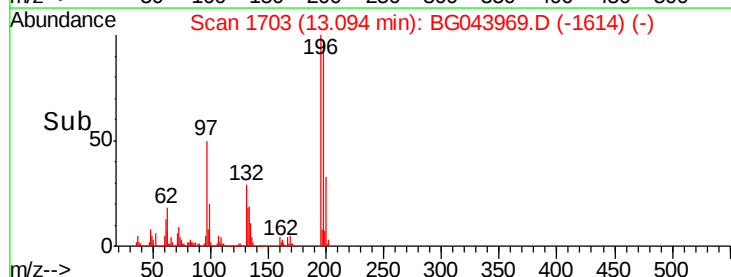
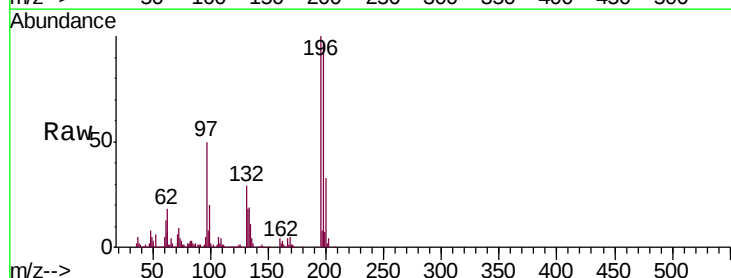
Instrument :
 BNA_G
 ClientSampleId :
 PB125943BS

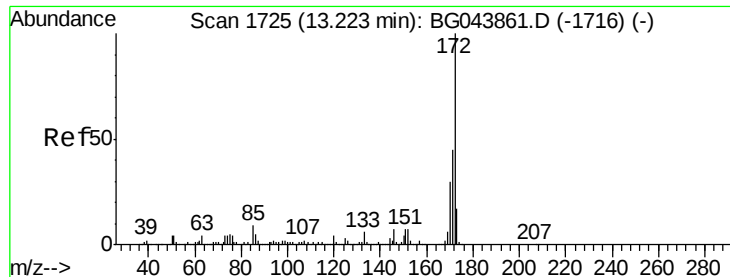
Tgt Ion:196 Resp: 262237
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.6 115.0
 200 32.8 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.295 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Tgt Ion:196 Resp: 279076
 Ion Ratio Lower Upper
 196 100
 198 97.4 78.3 117.5
 97 50.2 38.8 58.2
 132 29.1 21.3 31.9

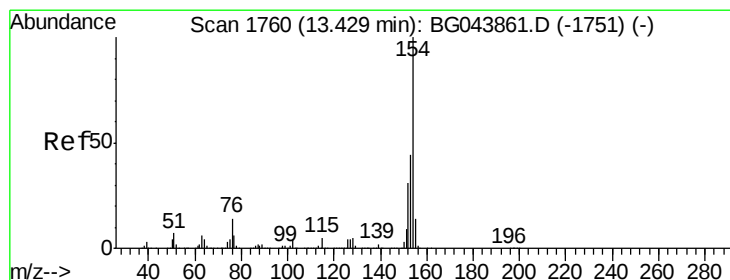
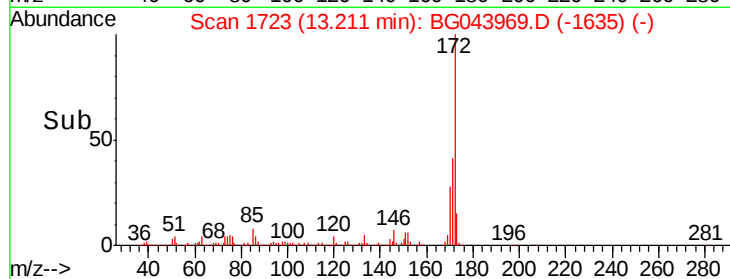
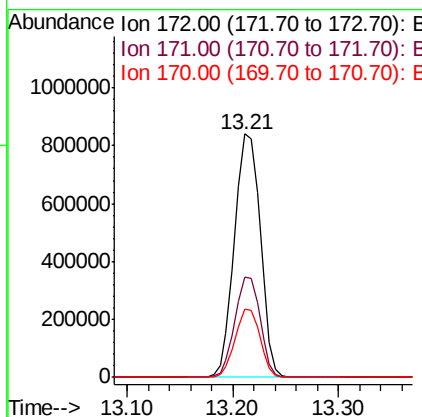
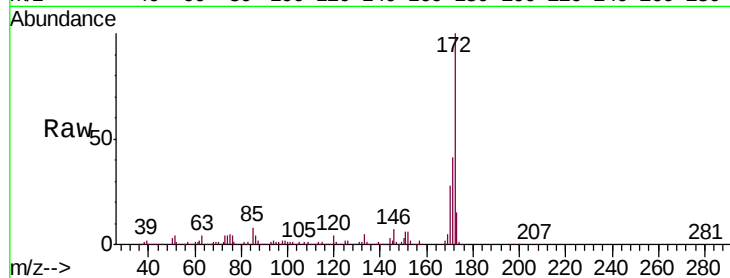




#45
 2-Fluorobiphenyl
 Concen: 81.361 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

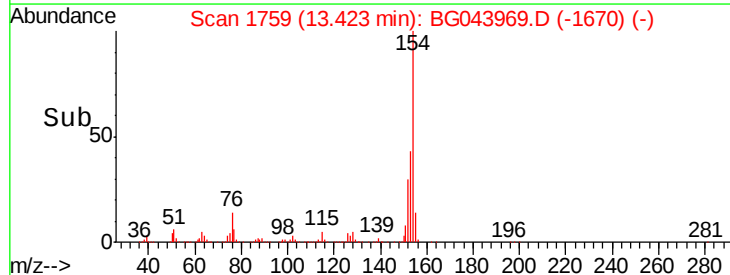
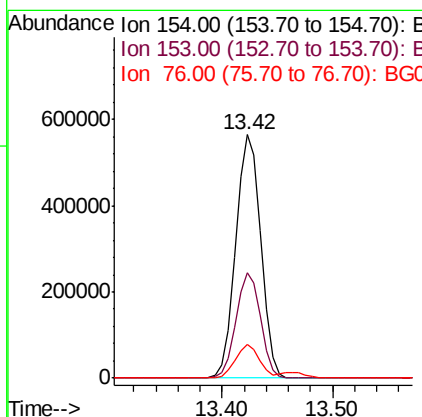
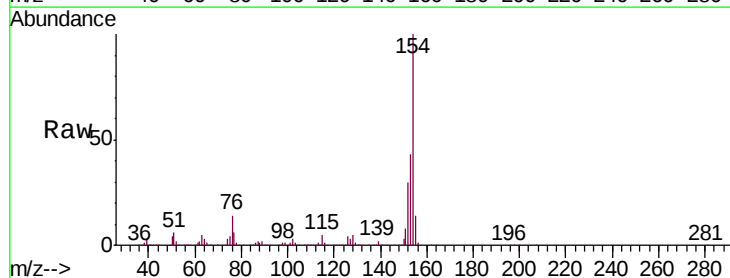
Instrument :
 BNA_G
 ClientSampleId :
 PB125943BS

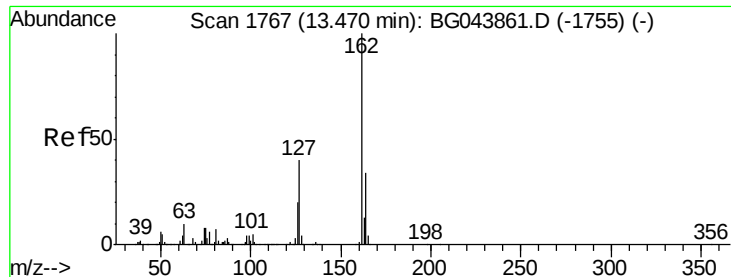
Tgt Ion:172 Resp: 1424537
 Ion Ratio Lower Upper
 172 100
 171 41.3 35.8 53.8
 170 28.0 24.2 36.4



#46
 1,1'-Biphenyl
 Concen: 39.510 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Tgt Ion:154 Resp: 898622
 Ion Ratio Lower Upper
 154 100
 153 43.2 23.6 63.6
 76 14.0 0.0 34.4

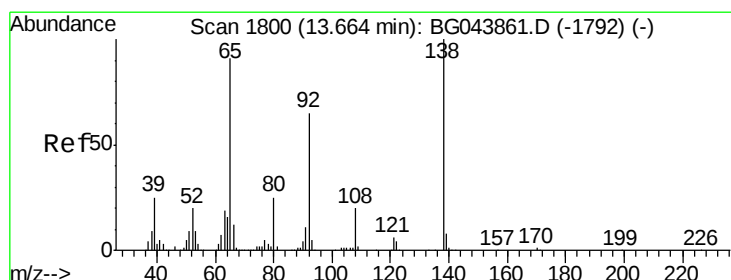
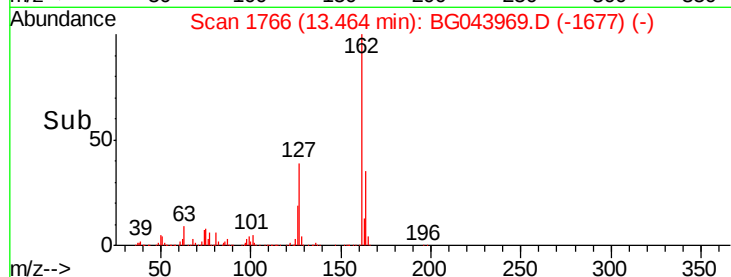
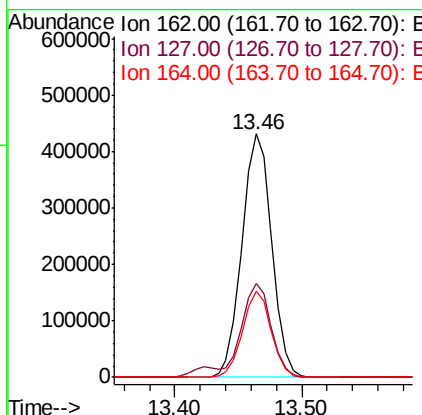
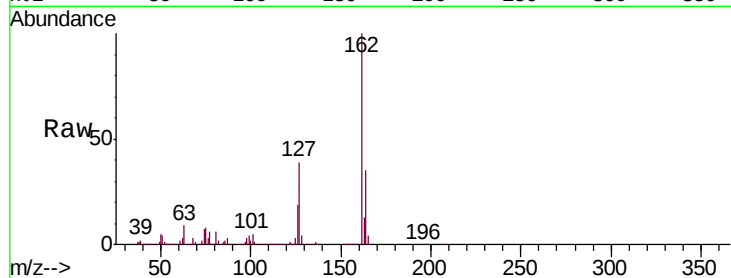




#47
2-Chloronaphthalene
Concen: 38.188 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

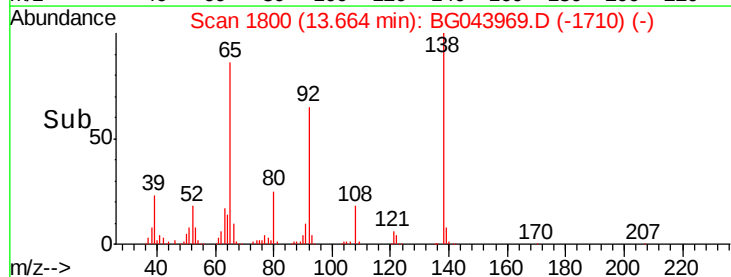
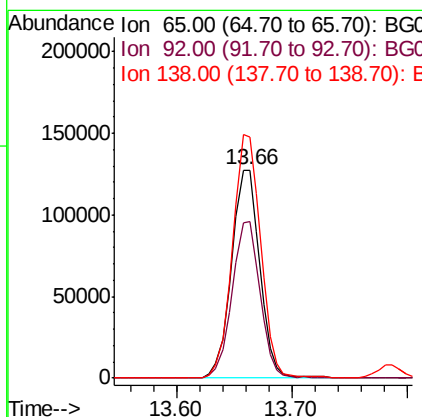
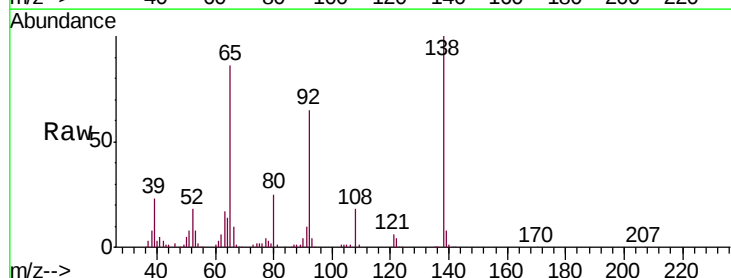
Instrument :
BNA_G
ClientSampleId :
PB125943BS

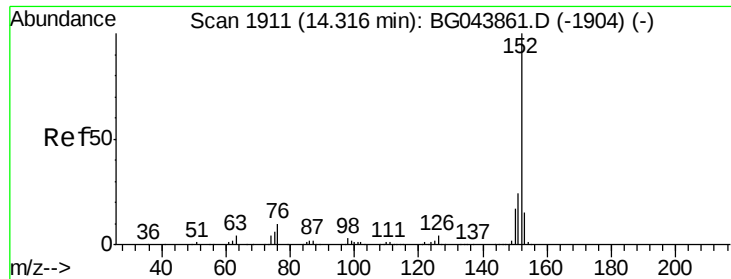
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	32.1	48.1
164	35.2	27.5	41.3



#48
2-Nitroaniline
Concen: 36.587 ng
RT: 13.66 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.5	57.4	86.2
138	116.1	88.2	132.4





#49

Acenaphthylene

Concen: 41.967 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

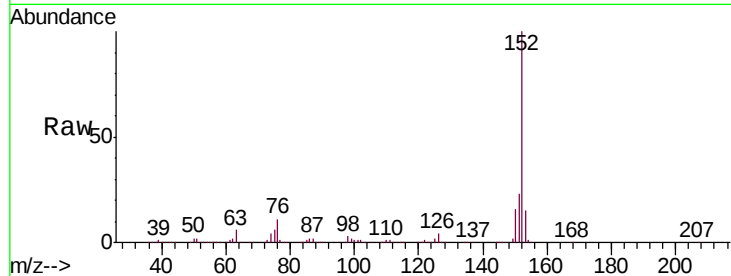
Tgt Ion:152 Resp: 1108590

Ion Ratio Lower Upper

152 100

151 23.0 19.4 29.2

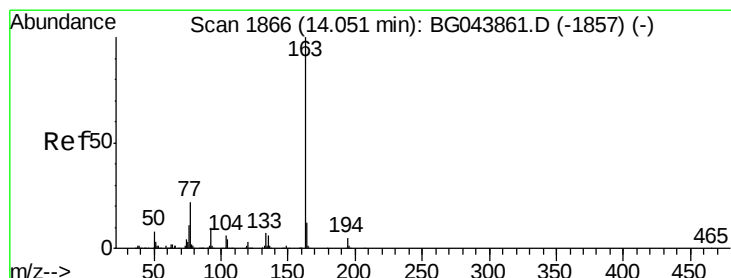
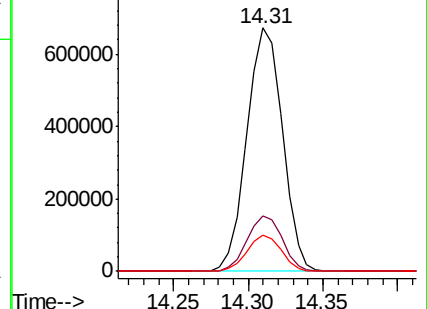
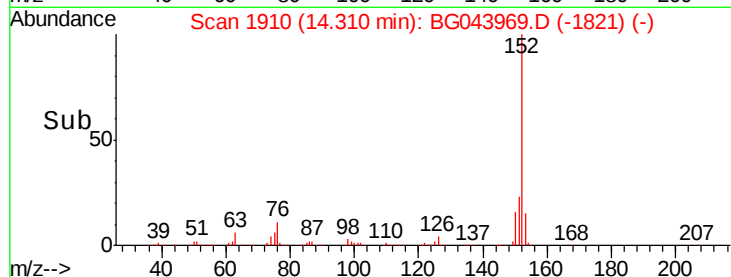
153 14.8 12.0 18.0



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: 39.842 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

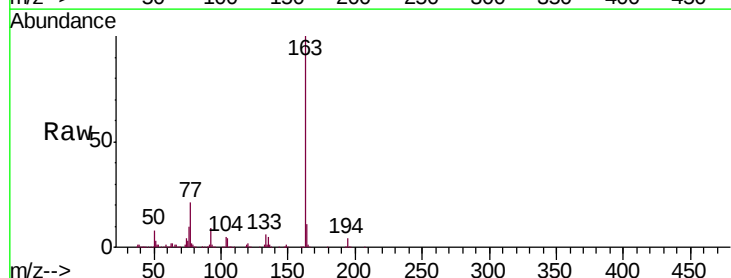
Tgt Ion:163 Resp: 897395

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

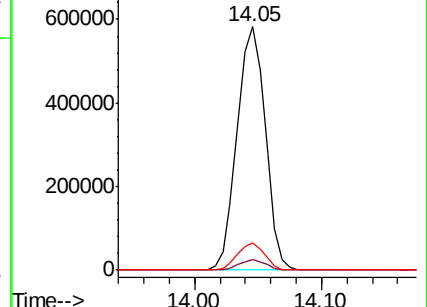
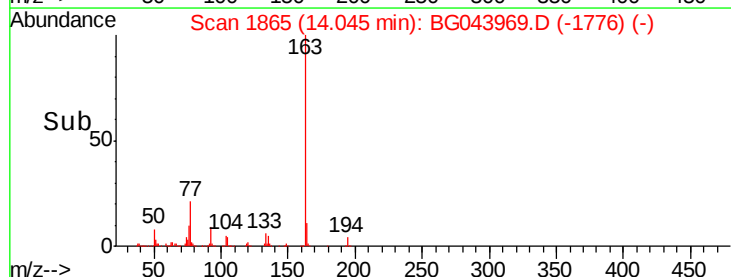
164 11.1 9.3 13.9

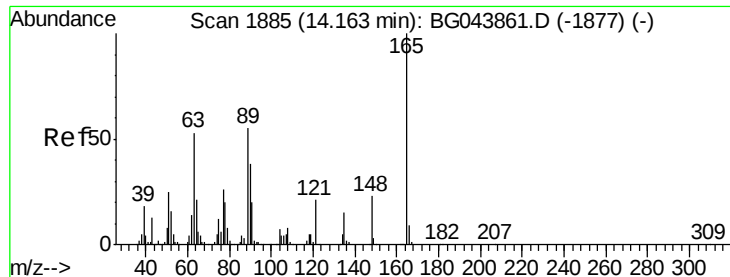


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

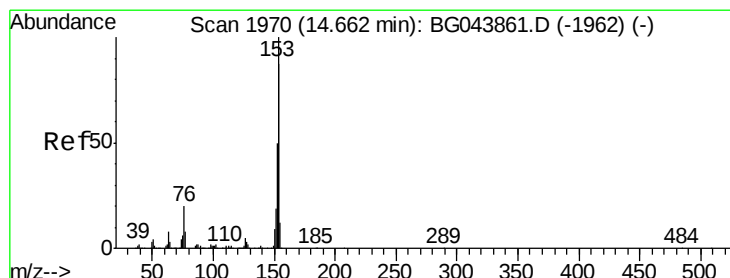
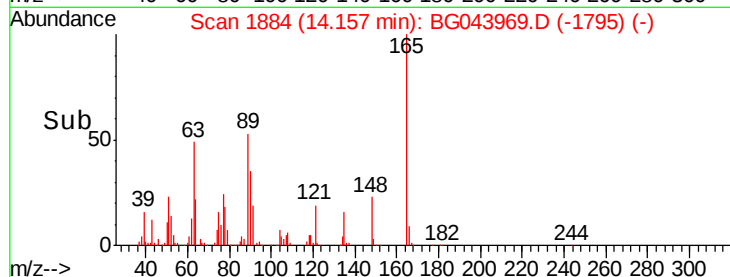
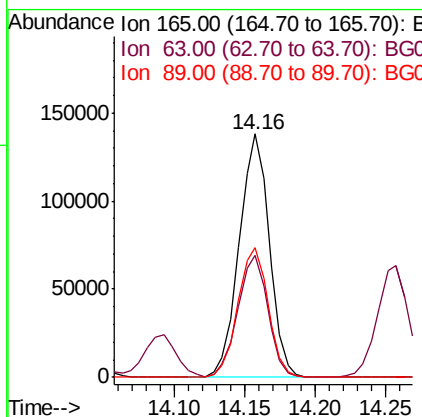
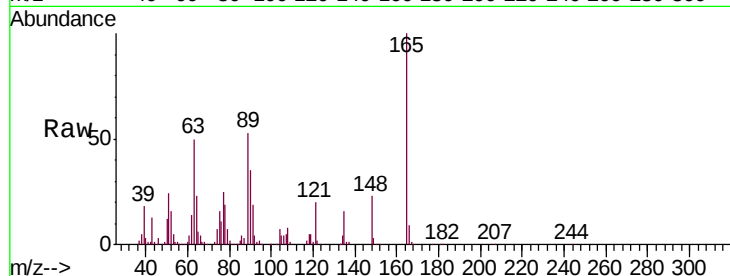




#51
 2,6-Dinitrotoluene
 Concen: 40.365 ng
 RT: 14.16 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

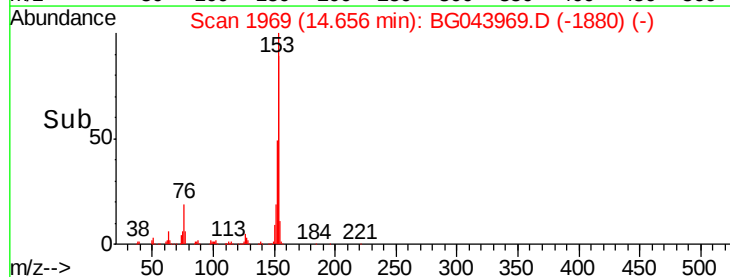
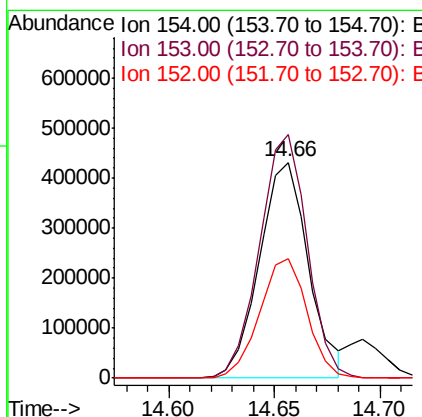
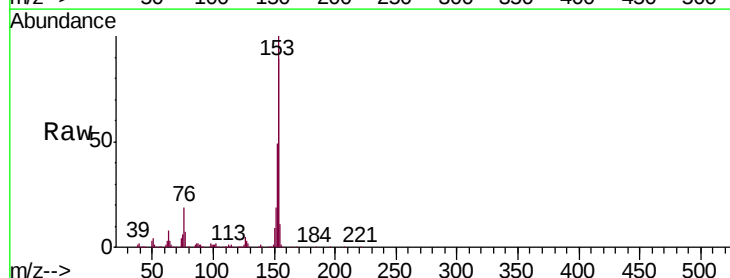
Instrument :
 BNA_G
 ClientSampleId :
 PB125943BS

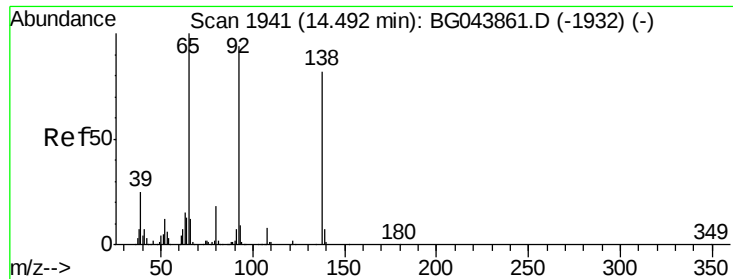
Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.0	43.1	64.7
89	53.4	43.8	65.6



#52
 Acenaphthene
 Concen: 37.621 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.6	137.4
152	55.6	45.4	68.0

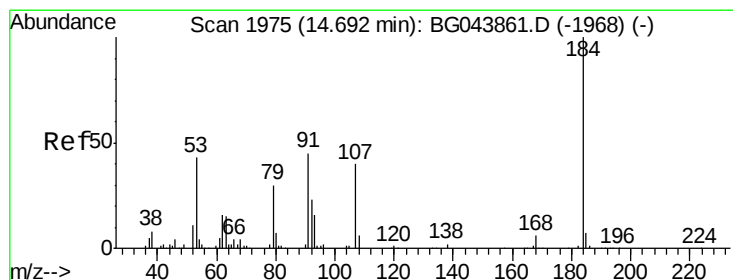
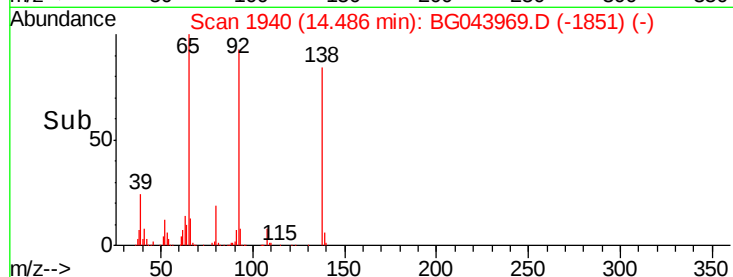
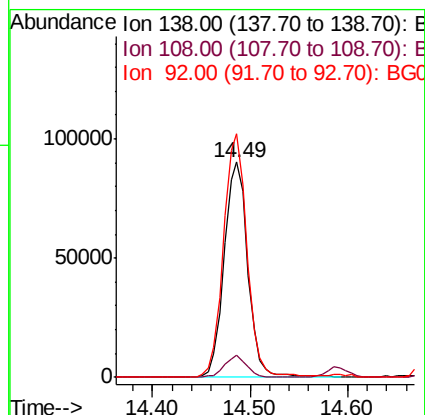
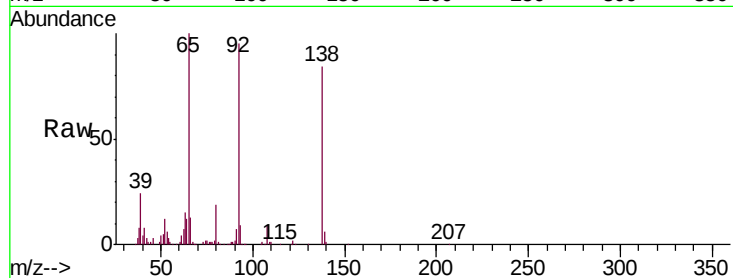




#53
3-Nitroaniline
Concen: 26.313 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

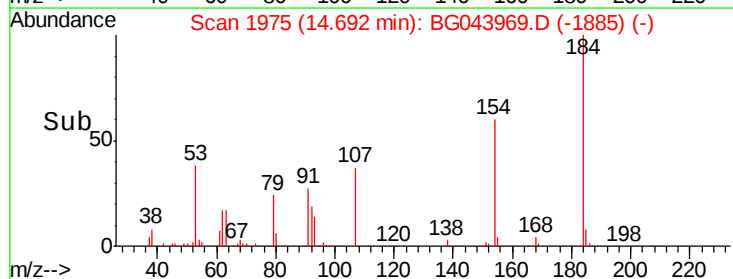
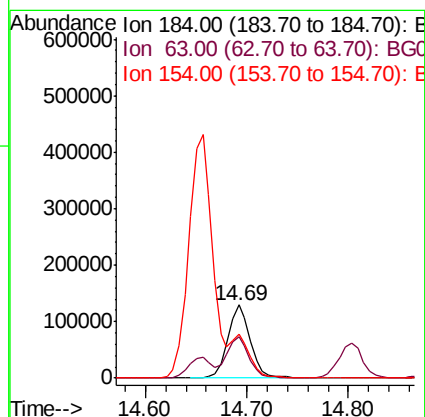
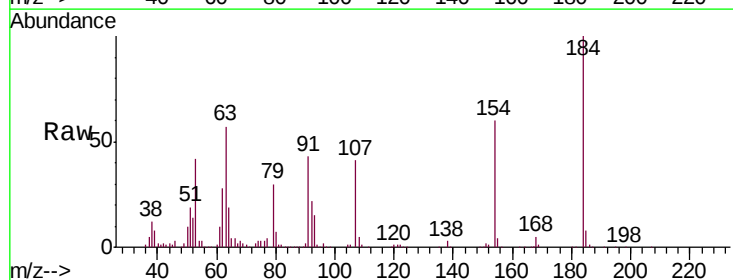
Instrument :
BNA_G
ClientSampleId :
PB125943BS

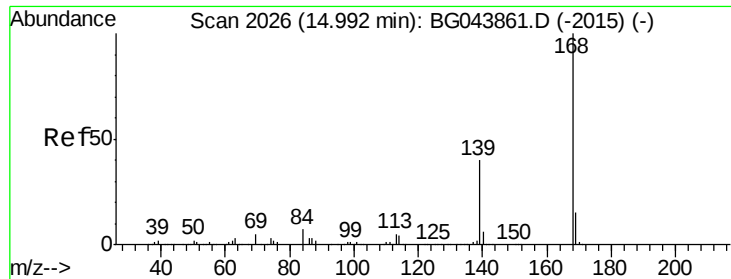
Tgt Ion:138 Resp: 152117
Ion Ratio Lower Upper
138 100
108 10.3 7.4 11.2
92 113.1 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 77.470 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion:184 Resp: 200440
Ion Ratio Lower Upper
184 100
63 57.1 46.6 70.0
154 59.5 50.2 75.4





#55

Dibenzenofuran

Concen: 41.238 ng

RT: 14.99 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

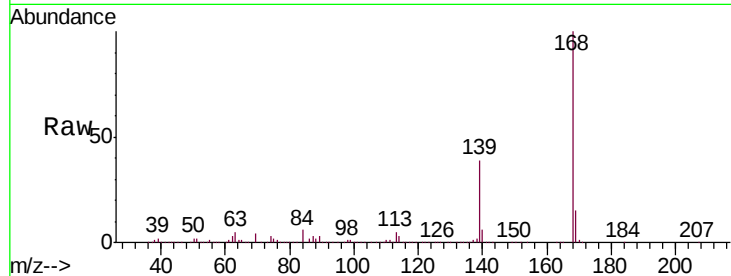
Tgt Ion:168 Resp: 1051634

Ion Ratio Lower Upper

168 100

139 39.1 32.2 48.2

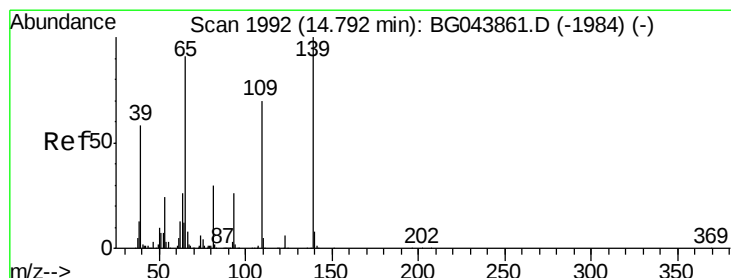
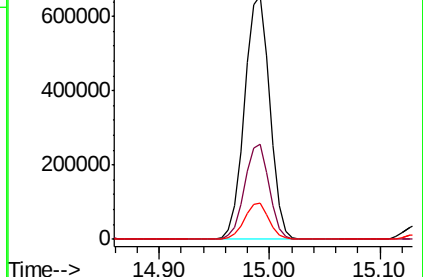
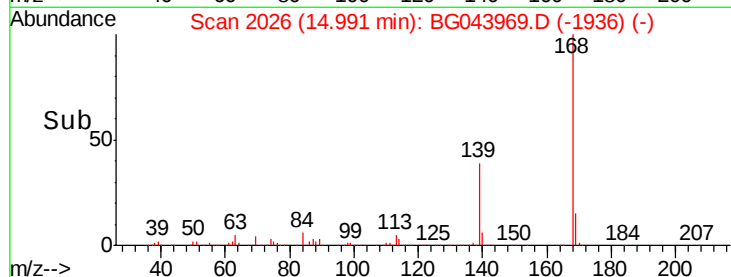
169 15.1 12.2 18.2



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: 89.826 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

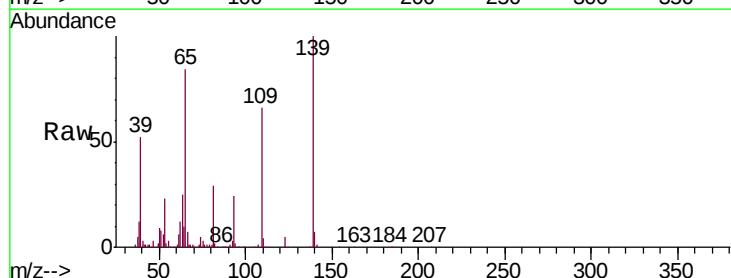
Tgt Ion:139 Resp: 397943

Ion Ratio Lower Upper

139 100

109 65.8 50.4 90.4

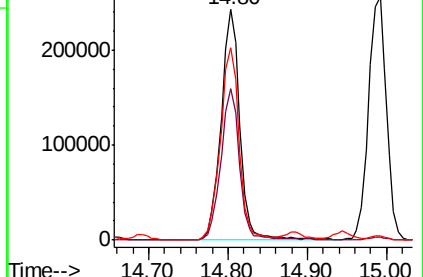
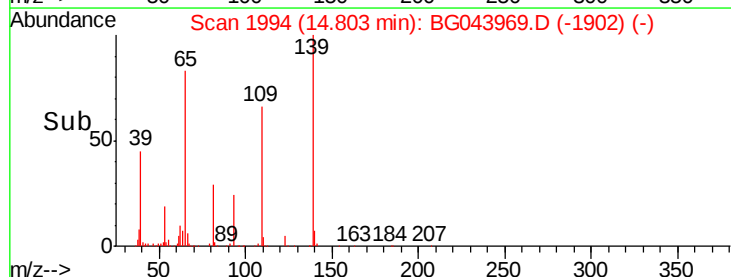
65 83.6 71.4 111.4

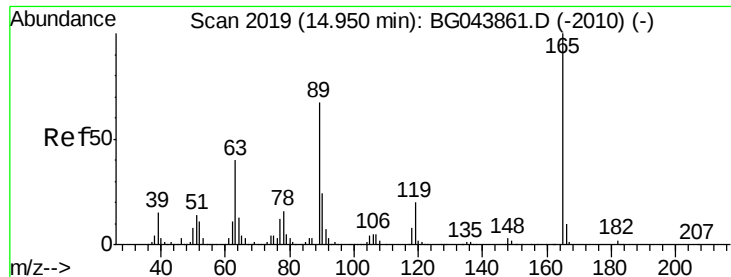


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

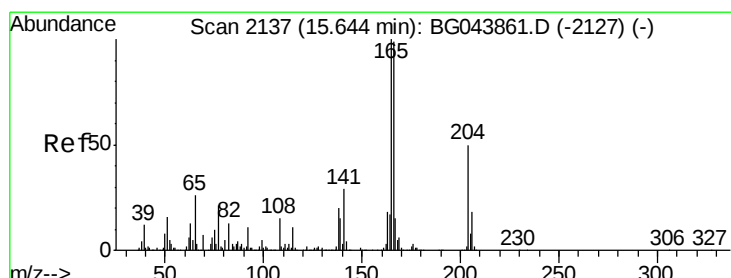
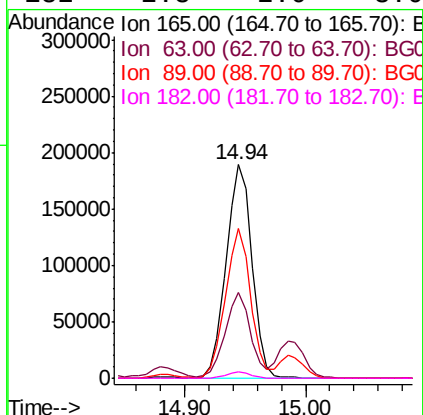
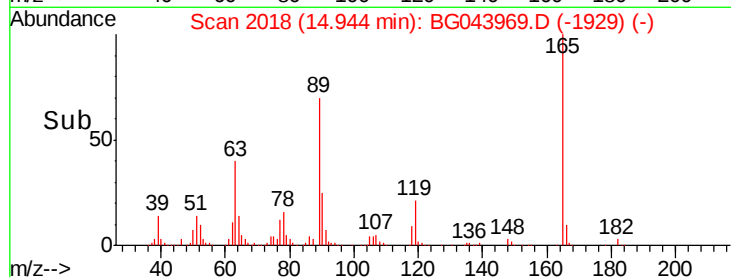
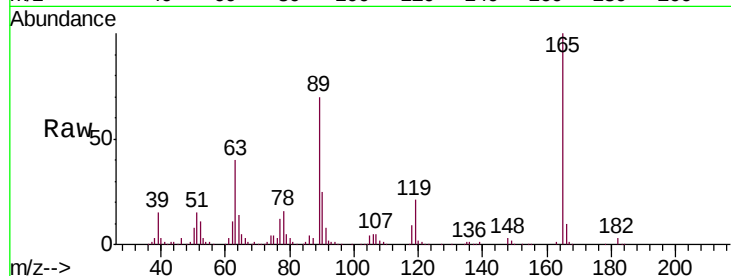




#57
2,4-Dinitrotoluene
Concen: 40.755 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

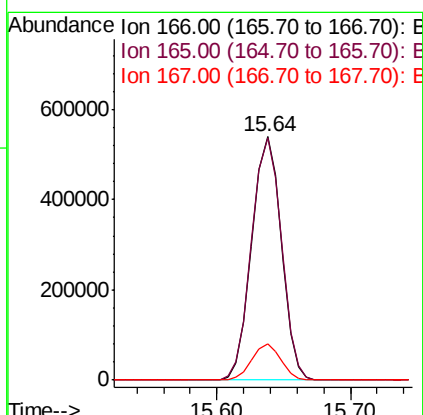
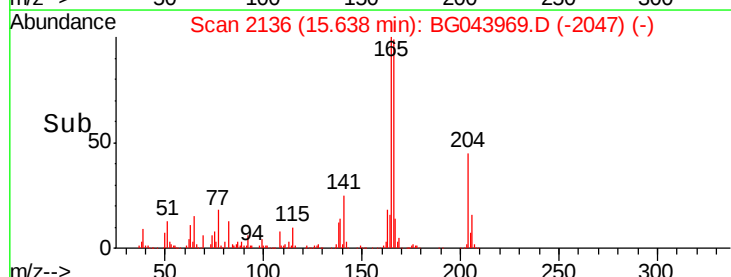
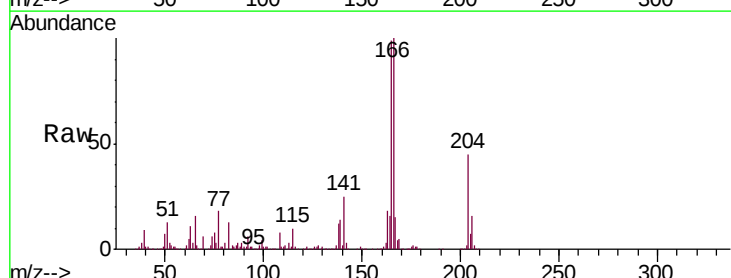
Instrument :
BNA_G
ClientSampleId :
PB125943BS

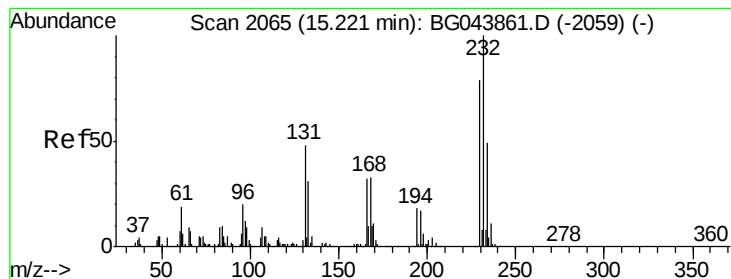
Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.3	31.9	47.9
89	69.9	53.8	80.6
182	2.8	2.0	3.0



#58
Fluorene
Concen: 40.832 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.8	121.2
167	14.6	12.1	18.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.323 ng

RT: 15.21 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

Tgt Ion:232 Resp: 240131

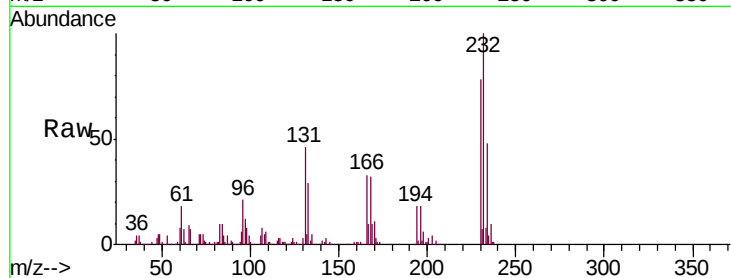
Ion Ratio Lower Upper

232 100

131 45.7 38.2 57.2

130 2.6 2.2 3.2

166 32.5 26.4 39.6

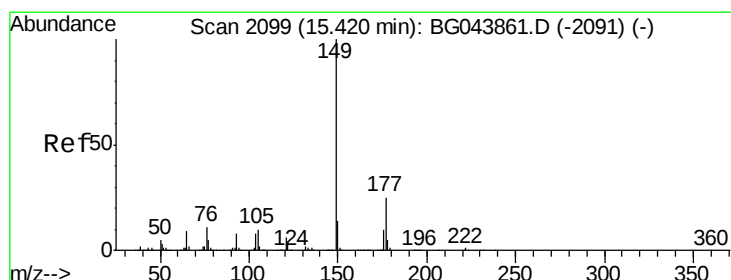
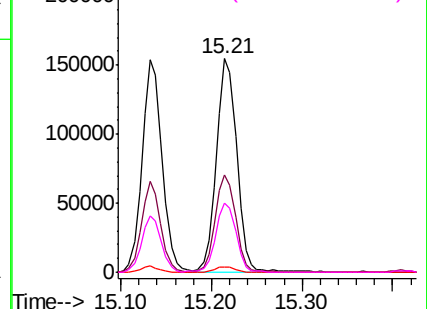
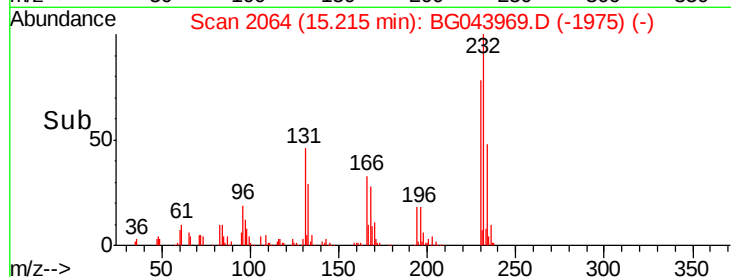


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.942 ng

RT: 15.41 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

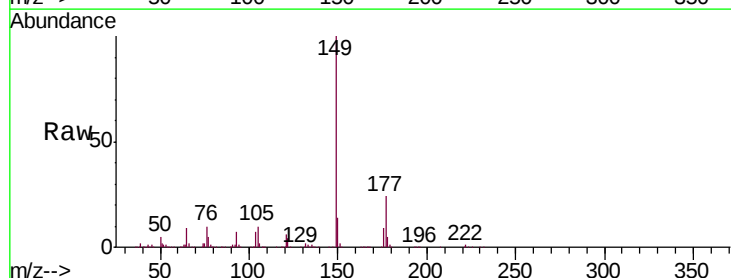
Tgt Ion:149 Resp: 899827

Ion Ratio Lower Upper

149 100

177 23.6 20.0 30.0

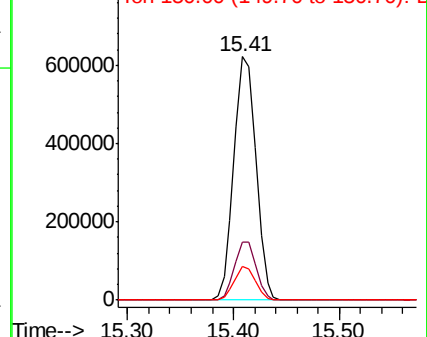
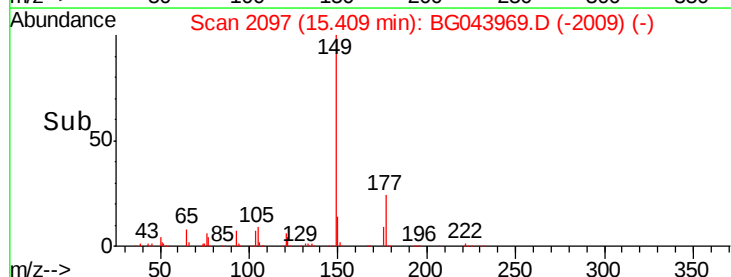
150 13.8 11.1 16.7

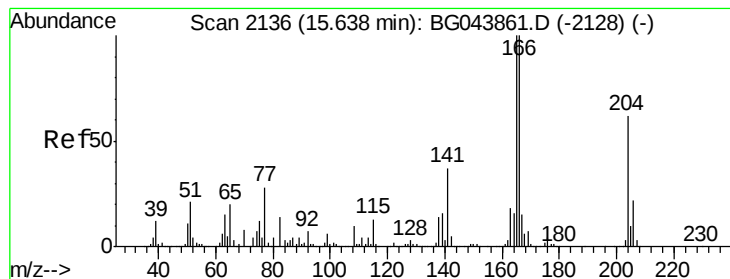


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 39.055 ng

RT: 15.63 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

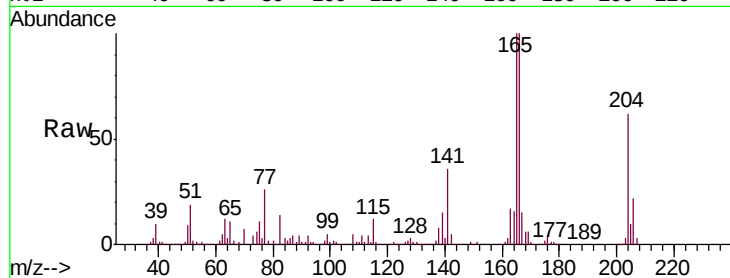
Tgt Ion:204 Resp: 428651

Ion Ratio Lower Upper

204 100

206 34.8 28.2 42.2

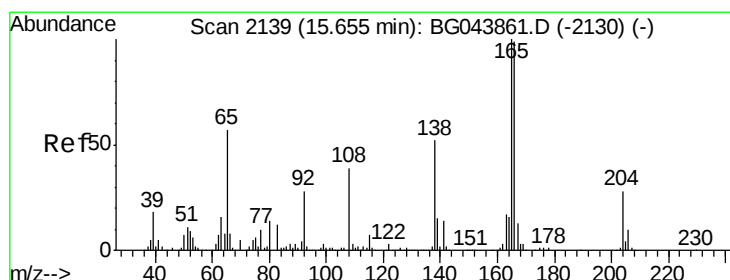
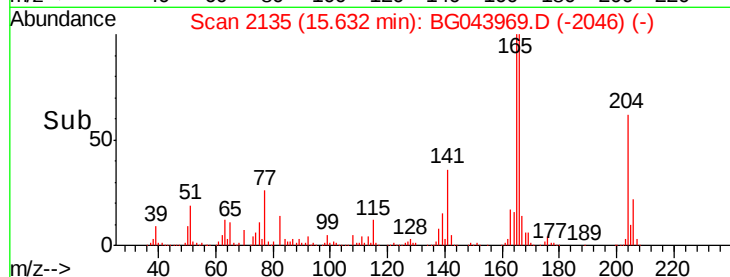
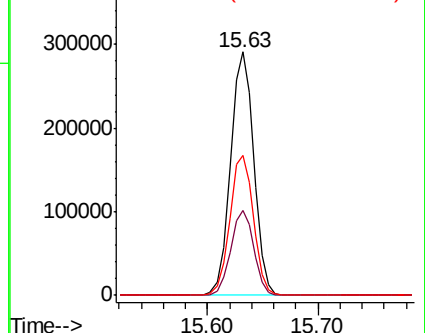
141 57.6 48.2 72.2



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: 36.858 ng

RT: 15.65 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

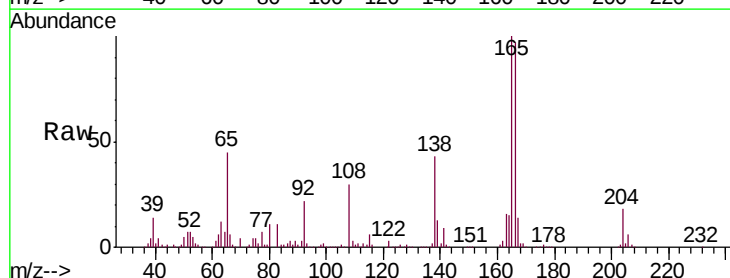
Tgt Ion:138 Resp: 210421

Ion Ratio Lower Upper

138 100

92 50.1 34.3 74.3

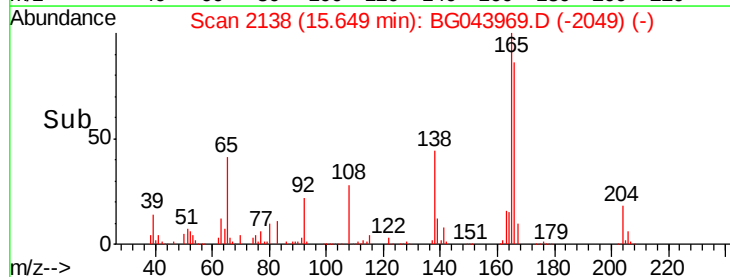
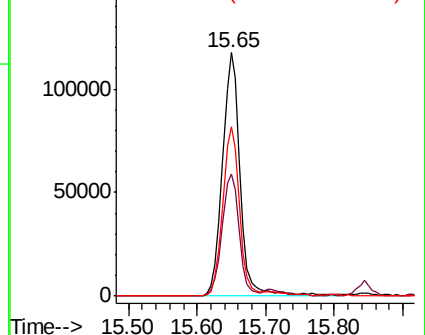
108 69.3 55.0 95.0

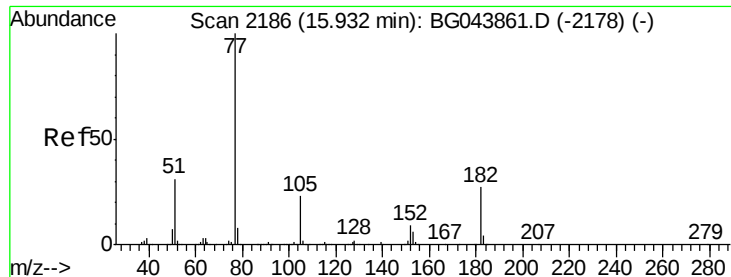


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.640 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

Tgt Ion: 77 Resp: 828180

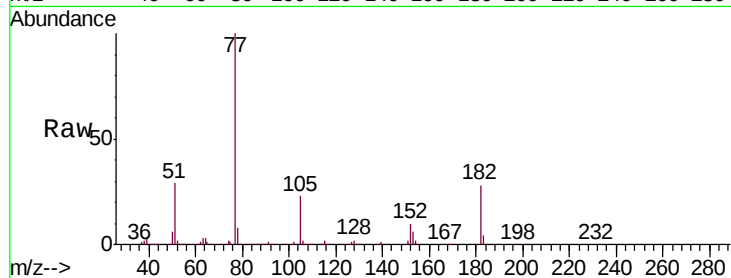
Ion Ratio Lower Upper

77 100

182 28.3 7.3 47.3

105 23.3 3.2 43.2

51 28.8 10.6 50.6

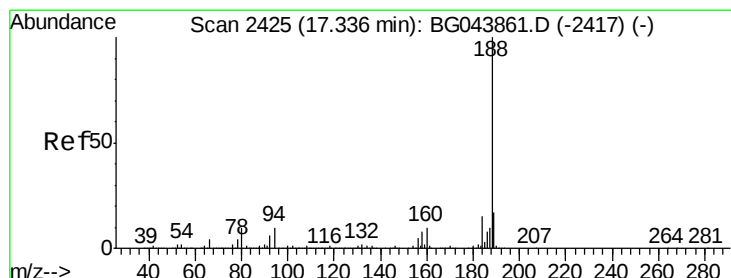
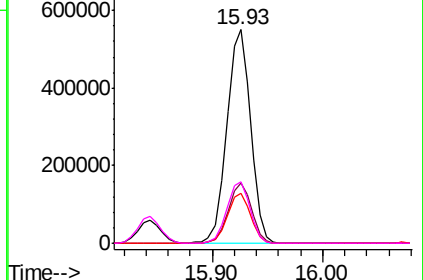
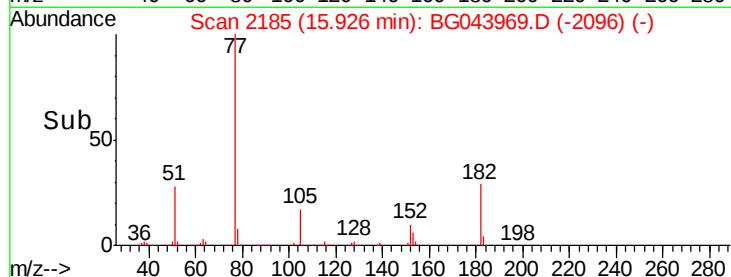


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG043969.D

Acq: 8 Jan 2020 16:06

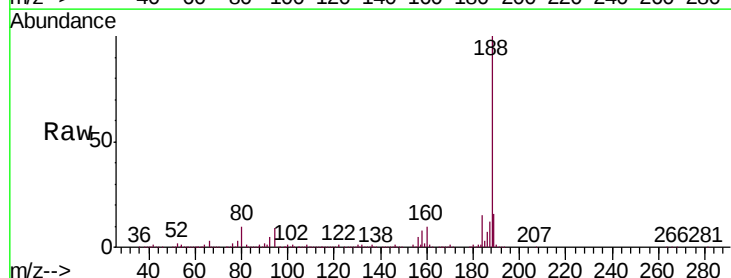
Tgt Ion: 188 Resp: 656993

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

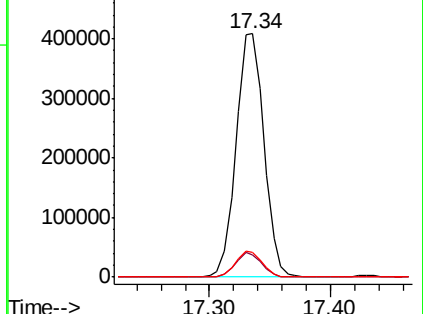
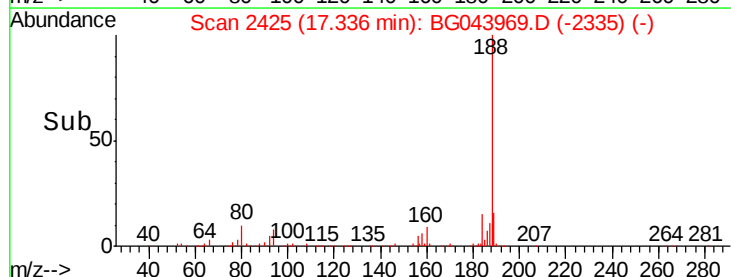
80 10.1 8.2 12.4

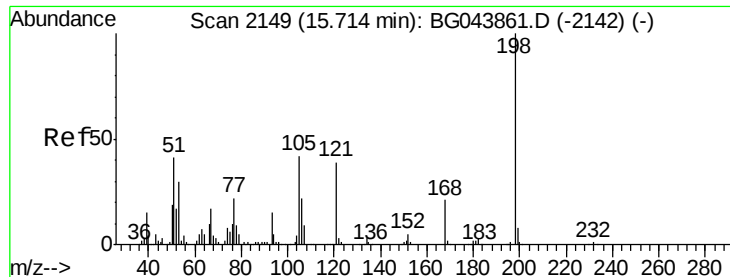


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

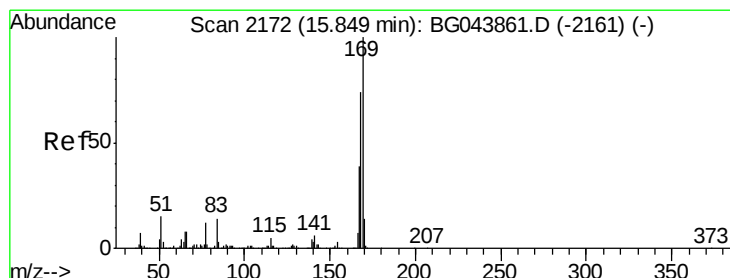
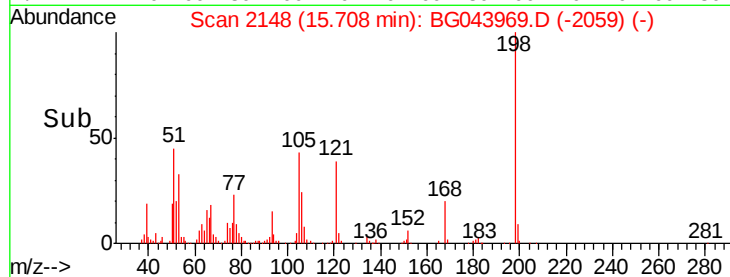
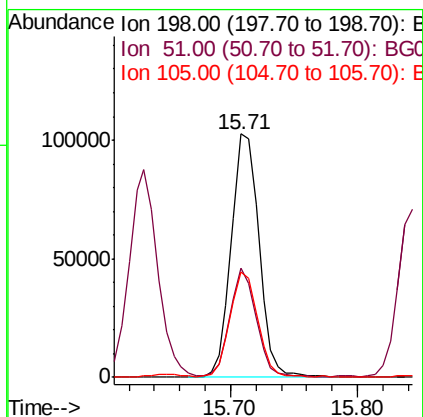
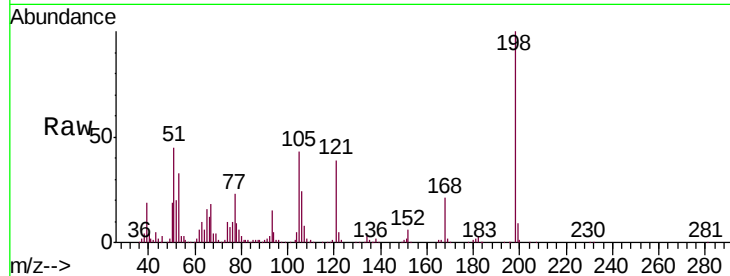




#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.208 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

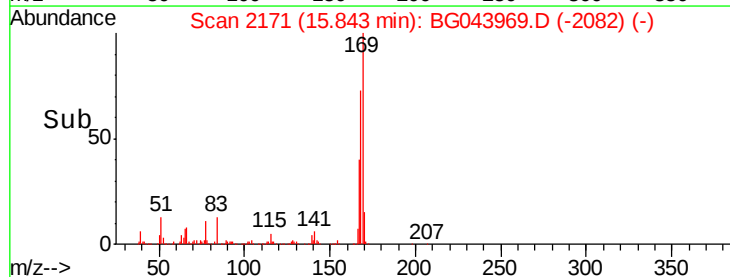
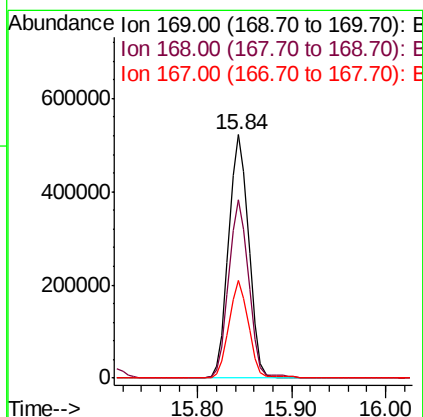
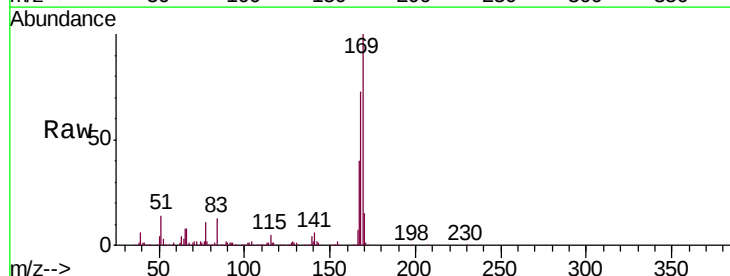
Instrument :
 BNA_G
 ClientSampleId :
 PB125943BS

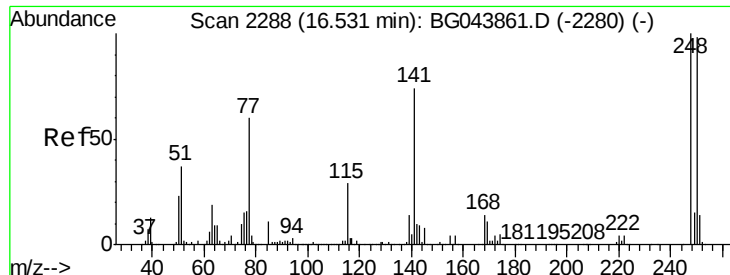
Tgt Ion:198 Resp: 155804
 Ion Ratio Lower Upper
 198 100
 51 44.8 22.5 62.5
 105 43.1 22.3 62.3



#66
 n-Nitrosodiphenylamine
 Concen: 40.138 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BG043969.D
 Acq: 8 Jan 2020 16:06

Tgt Ion:169 Resp: 776571
 Ion Ratio Lower Upper
 169 100
 168 73.5 59.0 88.6
 167 39.9 31.4 47.0

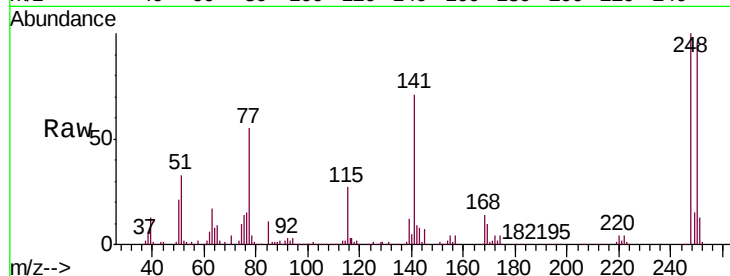




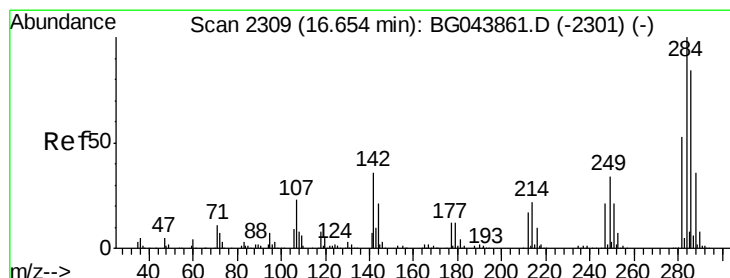
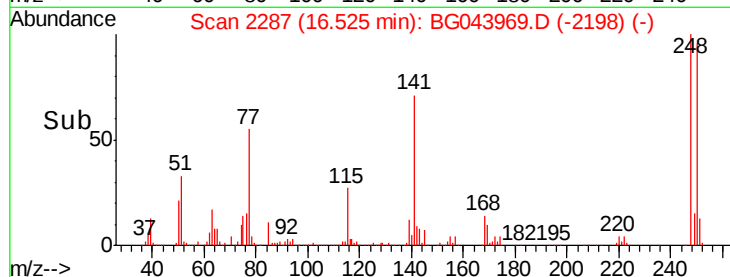
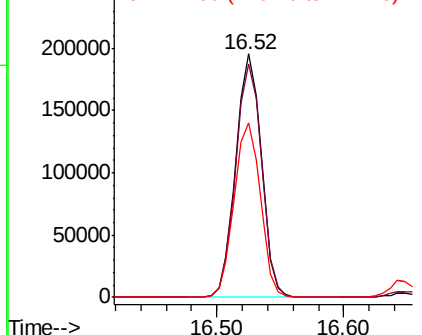
#67
4-Bromophenyl-phenylether
Concen: 37.003 ng
RT: 16.52 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampled :
PB125943BS

Tgt Ion:248 Resp: 273421
Ion Ratio Lower Upper
248 100
250 96.0 78.2 117.2
141 71.4 59.3 88.9

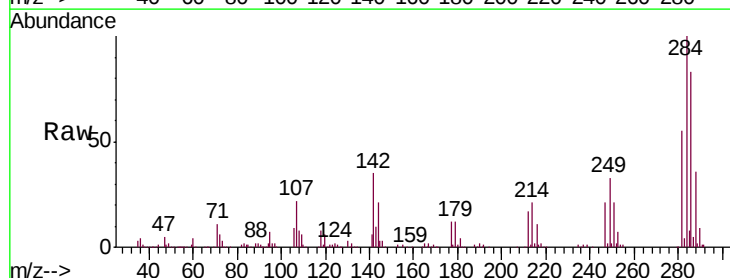


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

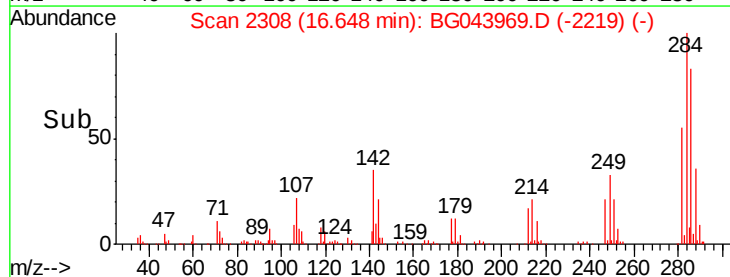
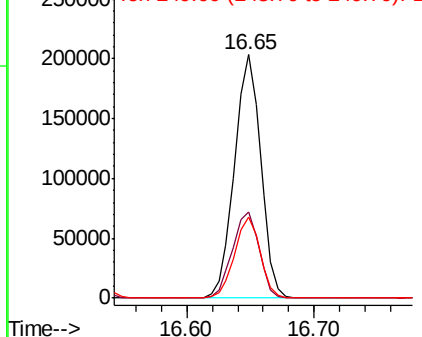


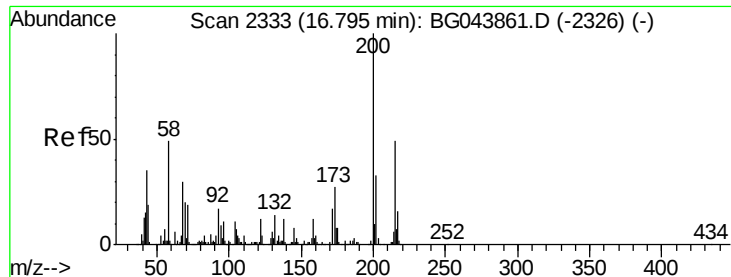
#68
Hexachlorobenzene
Concen: 36.502 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion:284 Resp: 290632
Ion Ratio Lower Upper
284 100
142 35.2 28.6 43.0
249 33.2 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: 45.972 ng

RT: 16.80 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

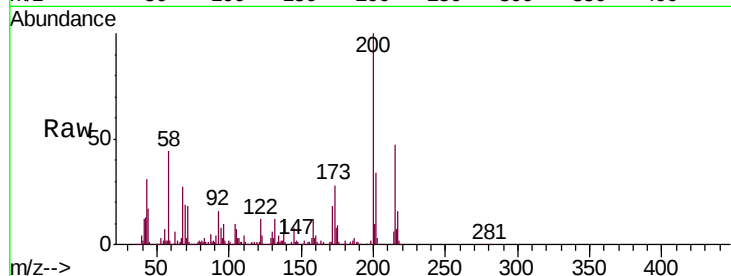
Tgt Ion:200 Resp: 289118

Ion Ratio Lower Upper

200 100

173 27.7 6.6 46.6

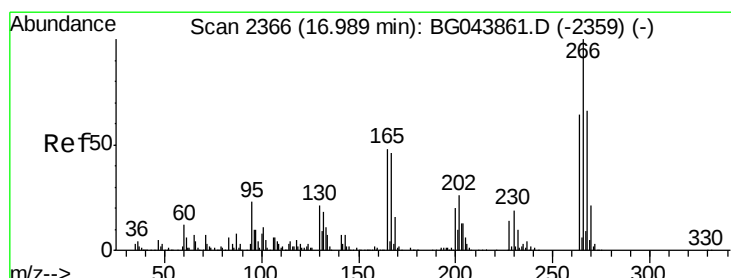
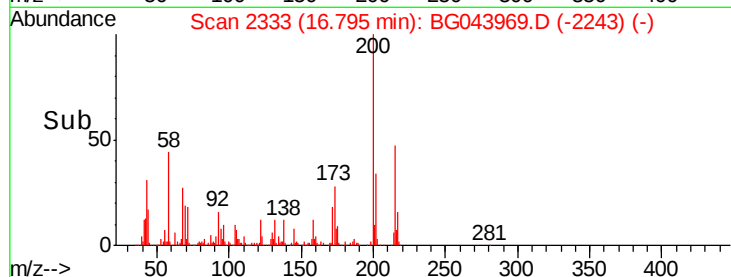
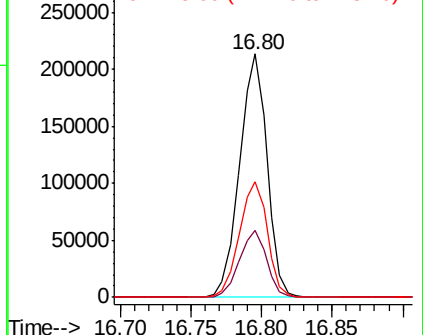
215 47.4 28.6 68.6



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: 81.355 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.00 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

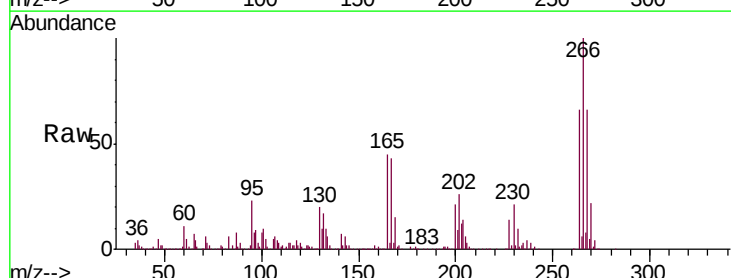
Tgt Ion:266 Resp: 357073

Ion Ratio Lower Upper

266 100

268 66.2 52.6 79.0

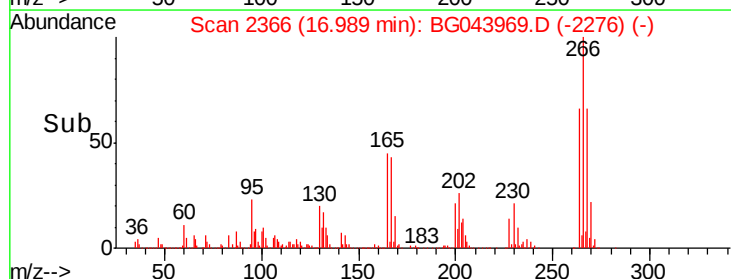
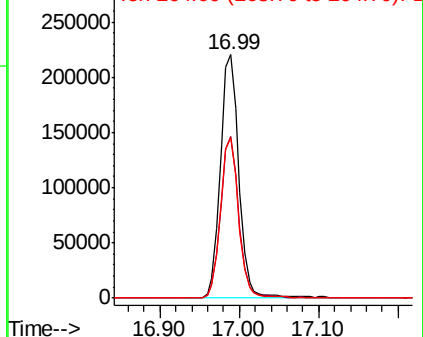
264 65.7 50.8 76.2

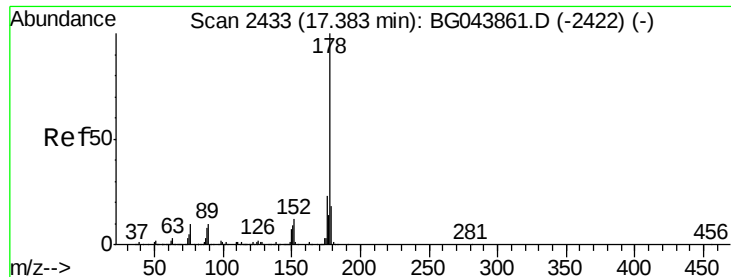


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

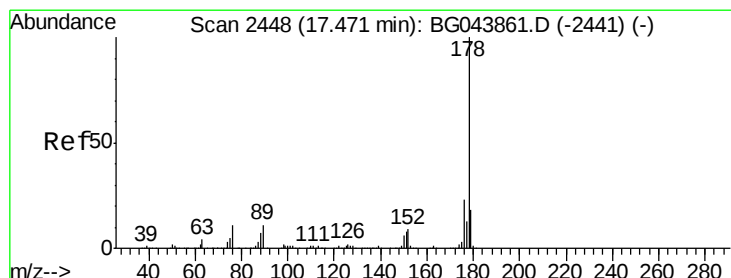
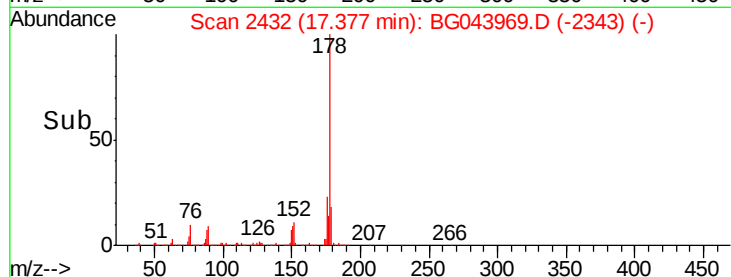
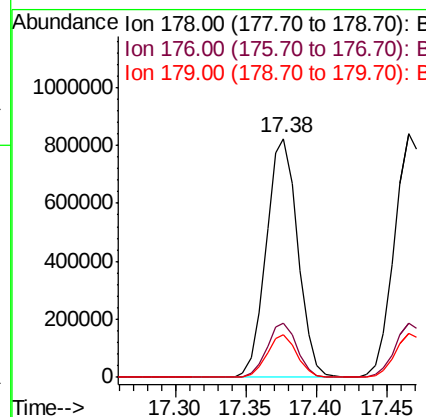
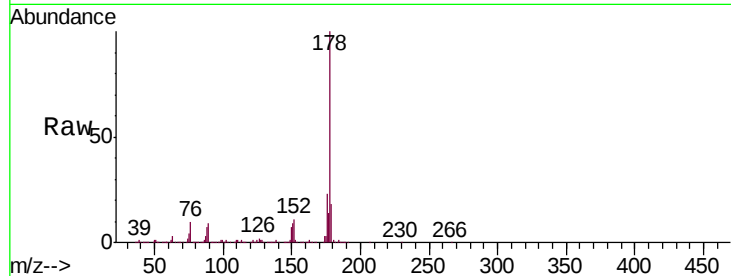




#71
Phenanthrene
Concen: 40.908 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

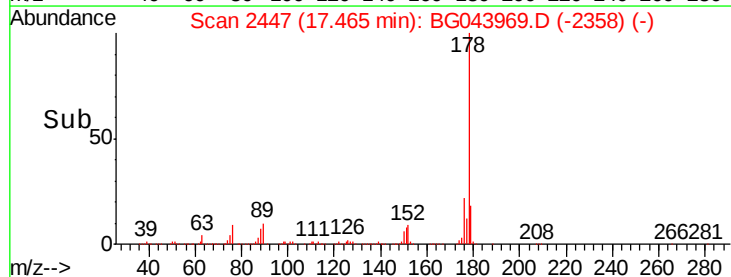
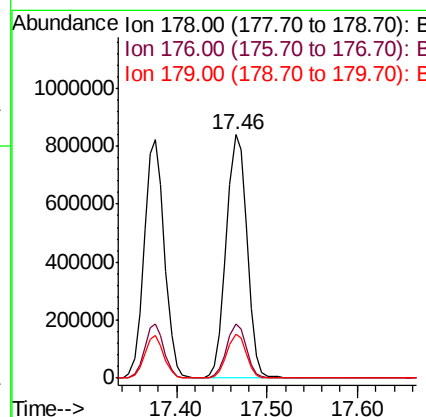
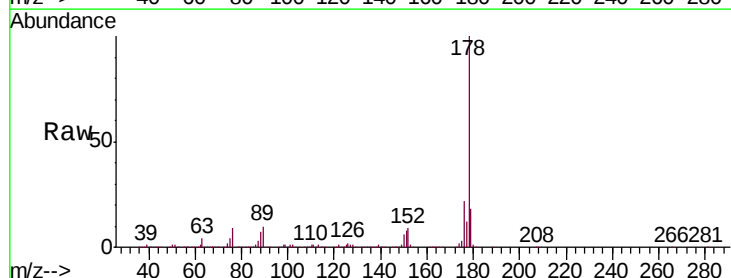
Instrument :
BNA_G
ClientSampleId :
PB125943BS

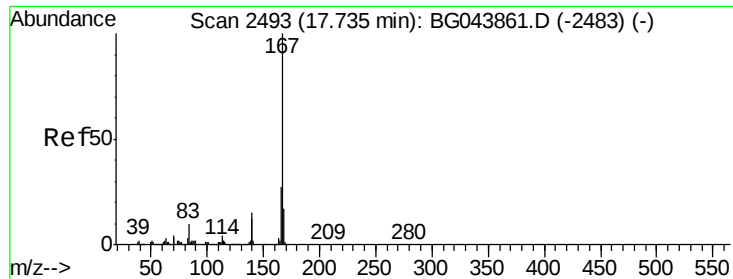
Tgt Ion:178 Resp: 1289117
Ion Ratio Lower Upper
178 100
176 22.9 18.6 28.0
179 18.1 14.4 21.6



#72
Anthracene
Concen: 42.846 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion:178 Resp: 1334380
Ion Ratio Lower Upper
178 100
176 22.4 18.3 27.5
179 17.8 14.6 22.0





#73

Carbazole

Concen: 42.558 ng

RT: 17.74 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

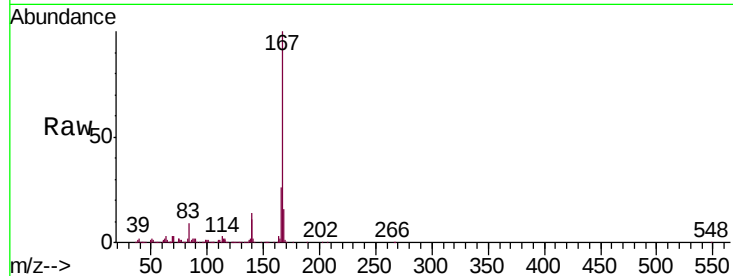
Tgt Ion:167 Resp: 1224301

Ion Ratio Lower Upper

167 100

166 26.3 21.6 32.4

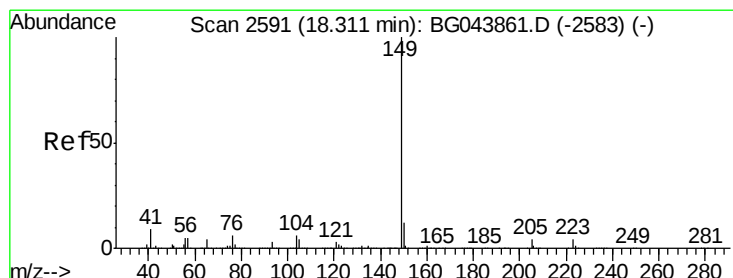
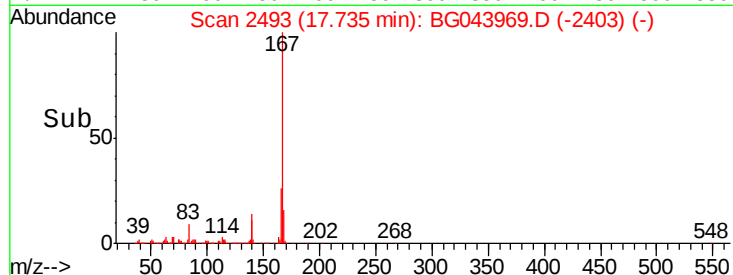
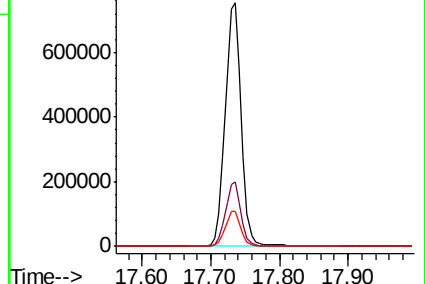
139 14.5 12.1 18.1



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: 40.698 ng

RT: 18.30 min Scan# 2589

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

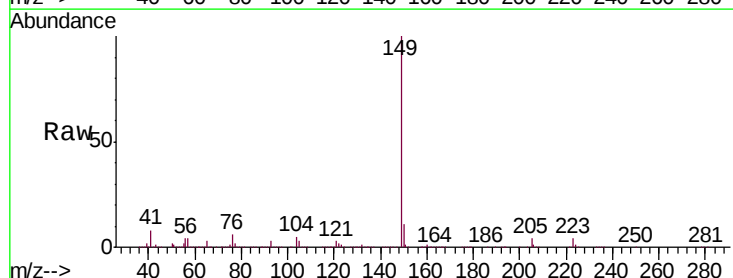
Tgt Ion:149 Resp: 1494824

Ion Ratio Lower Upper

149 100

150 11.3 9.7 14.5

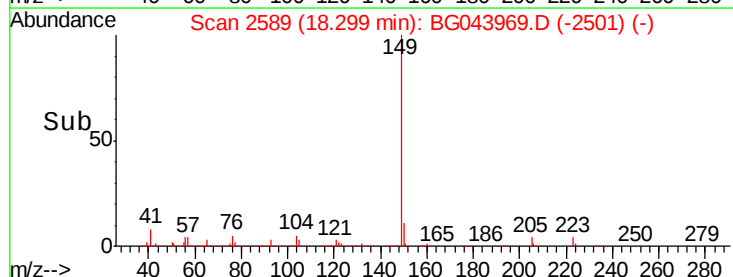
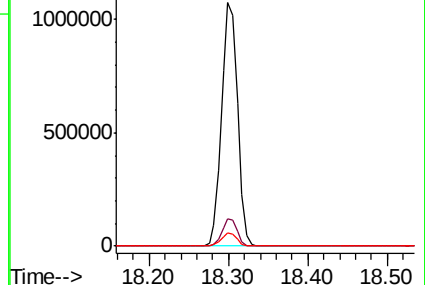
104 5.5 5.0 7.4

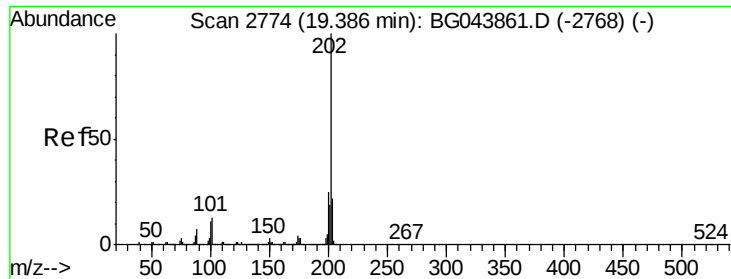


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.874 ng

RT: 19.38 min Scan# 2773

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

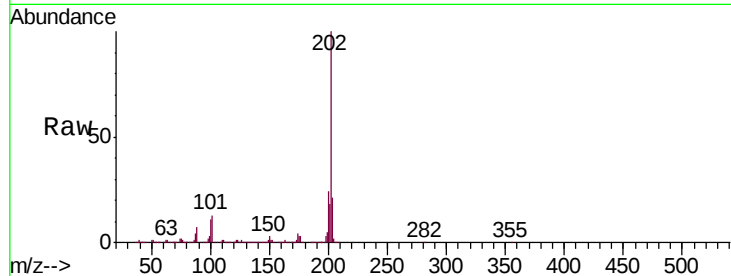
Tgt Ion:202 Resp: 1473079

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.3

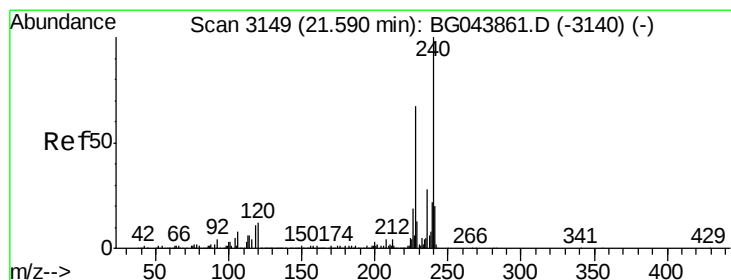
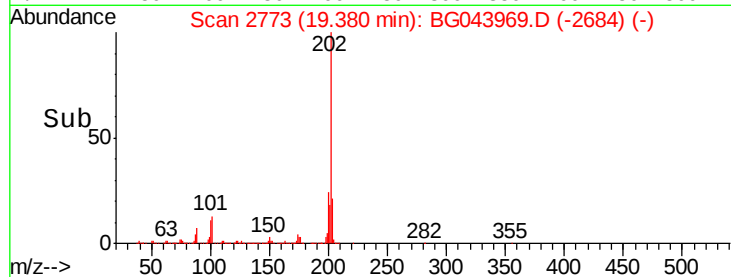
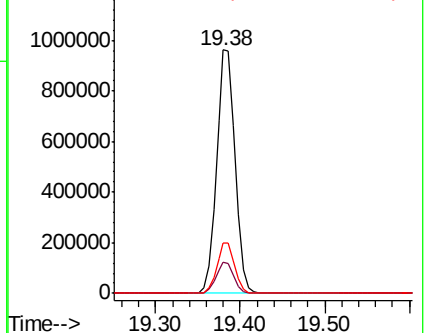
203 20.9 1.6 41.6



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: BG043969.D

Acq: 8 Jan 2020 16:06

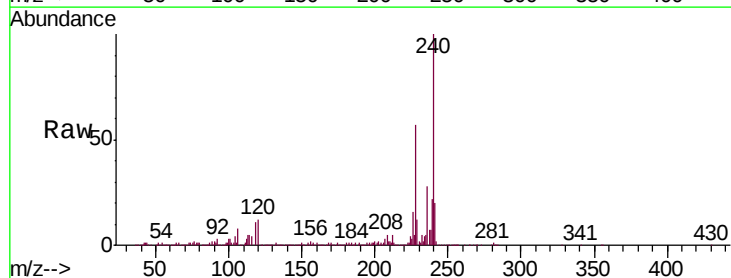
Tgt Ion:240 Resp: 566329

Ion Ratio Lower Upper

240 100

120 12.0 9.6 14.4

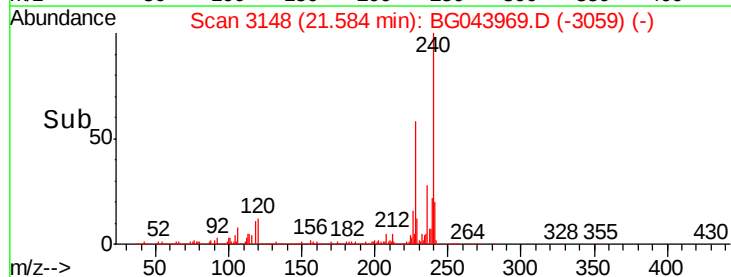
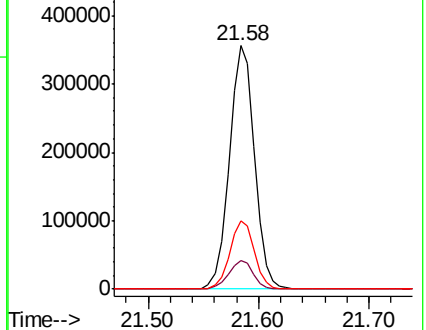
236 28.2 22.2 33.2

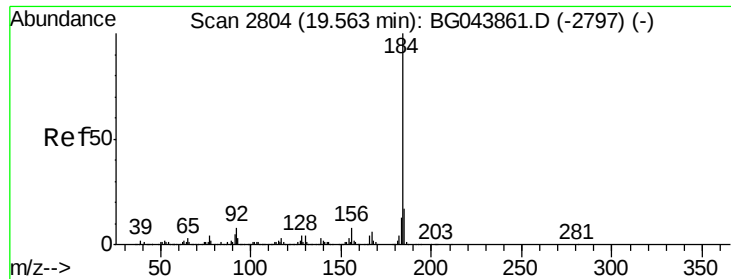


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.513 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

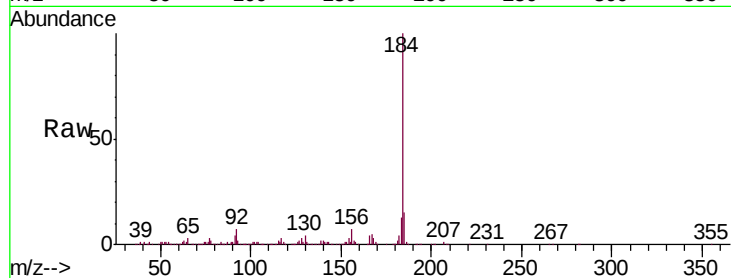
Tgt Ion:184 Resp: 619414

Ion Ratio Lower Upper

184 100

185 14.9 13.4 20.0

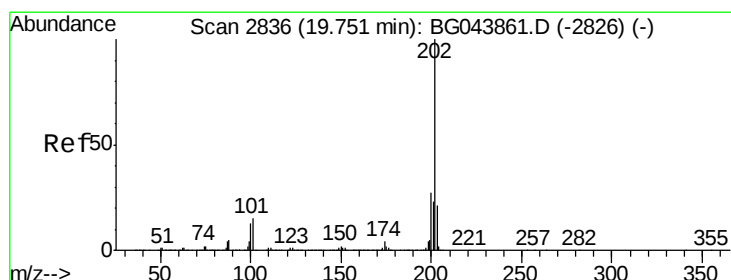
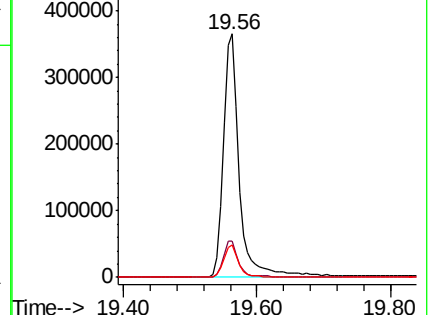
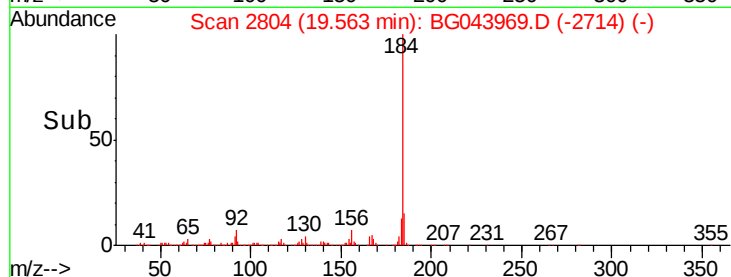
183 13.4 10.6 15.8



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: 40.106 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

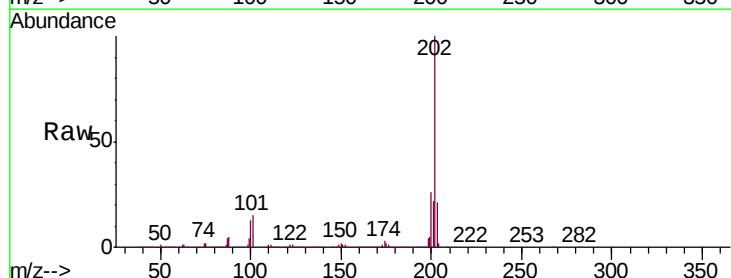
Tgt Ion:202 Resp: 1482590

Ion Ratio Lower Upper

202 100

200 25.9 21.7 32.5

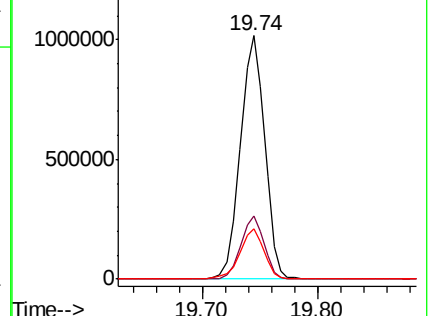
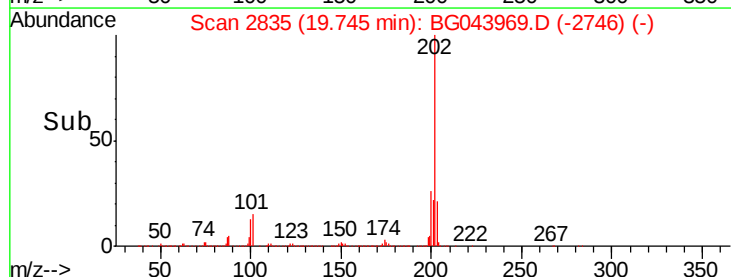
203 20.9 17.0 25.6

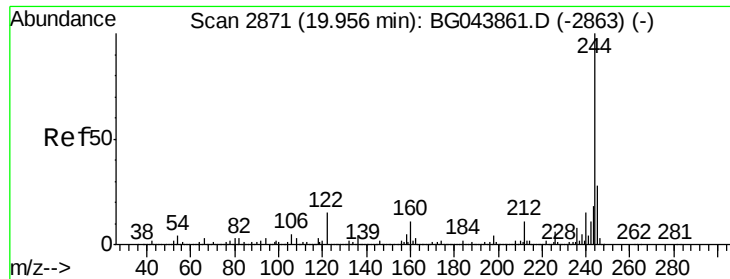


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.360 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

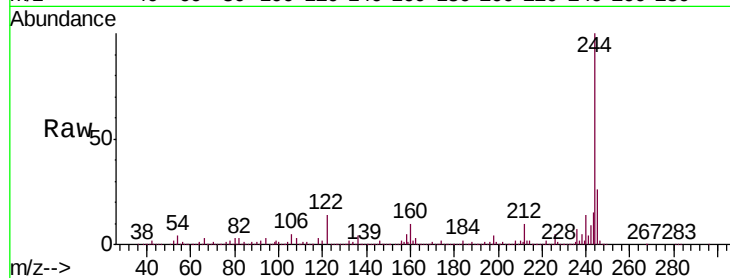
Tgt Ion:244 Resp: 1950619

Ion Ratio Lower Upper

244 100

212 10.0 8.6 13.0

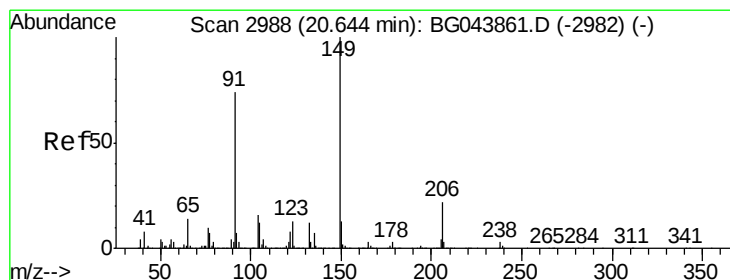
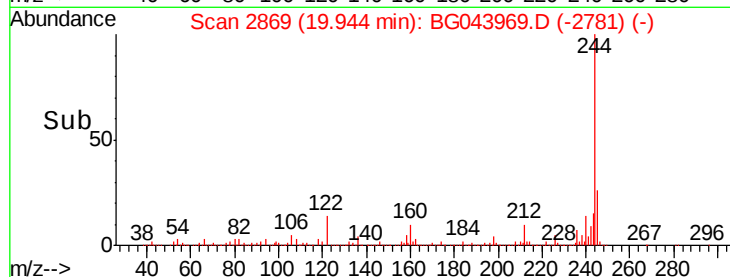
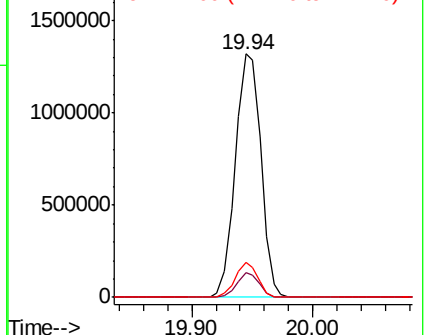
122 14.4 11.9 17.9



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: 39.741 ng

RT: 20.64 min Scan# 2987

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

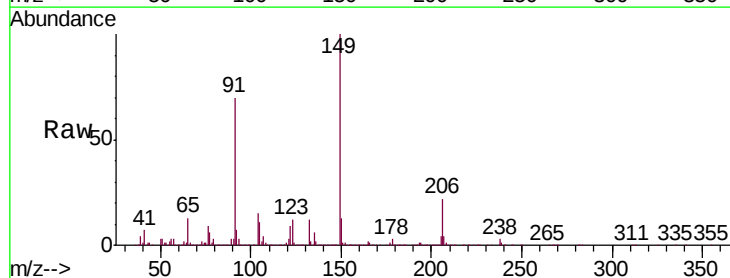
Tgt Ion:149 Resp: 699426

Ion Ratio Lower Upper

149 100

91 70.4 59.5 89.3

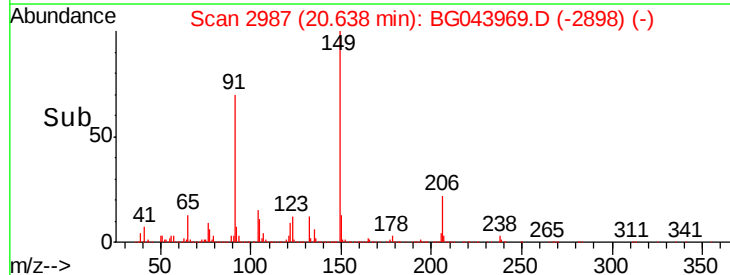
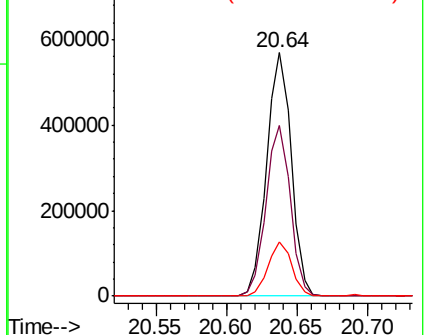
206 22.5 17.8 26.6

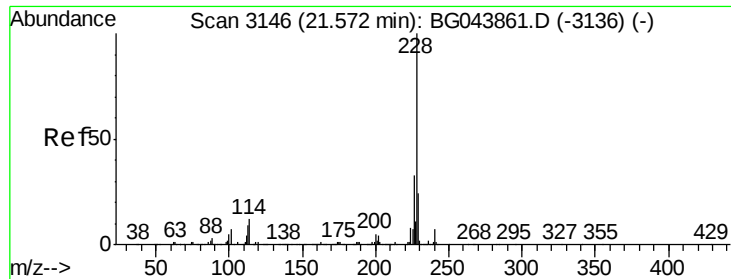


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

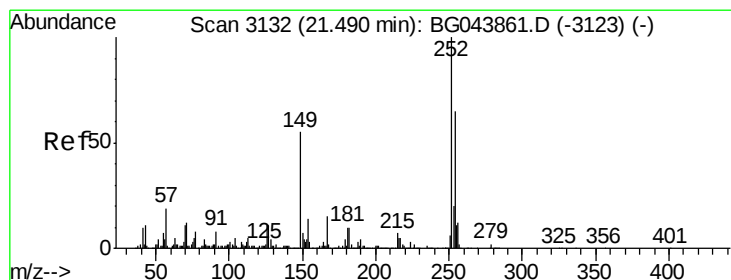
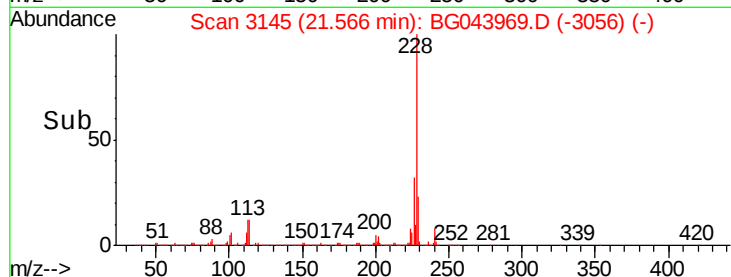
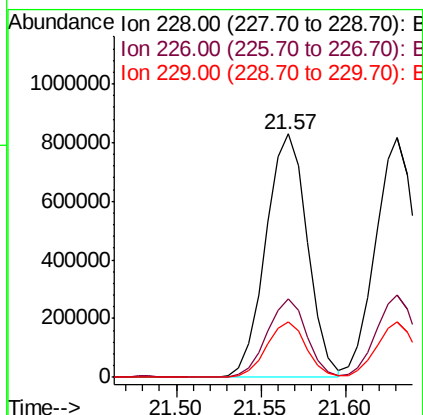
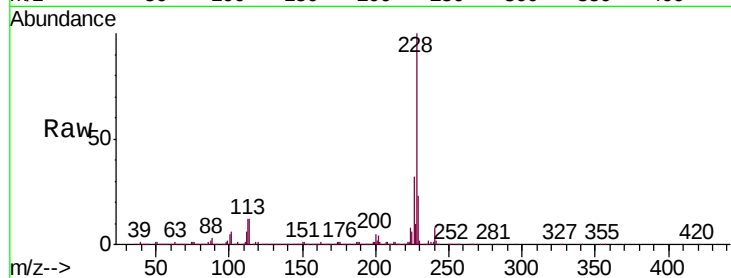




#81
Benzo(a)anthracene
Concen: 40.366 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

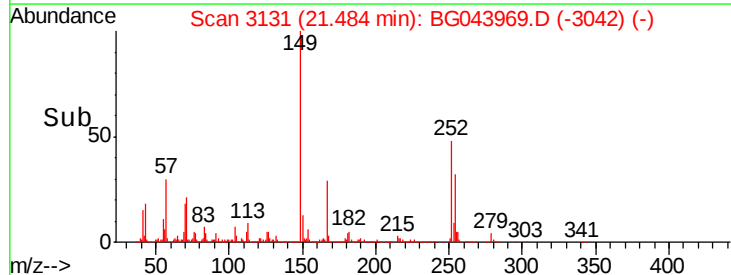
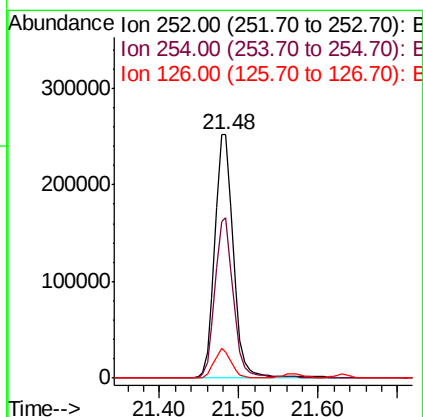
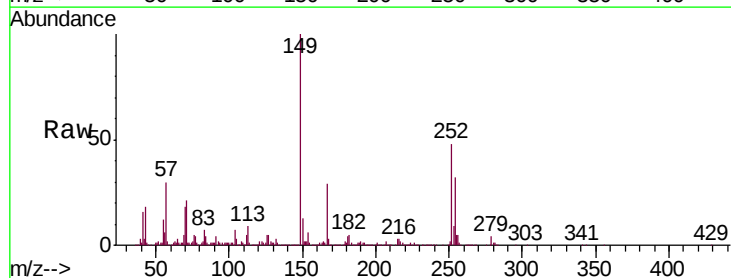
Instrument :
BNA_G
ClientSampleId :
PB125943BS

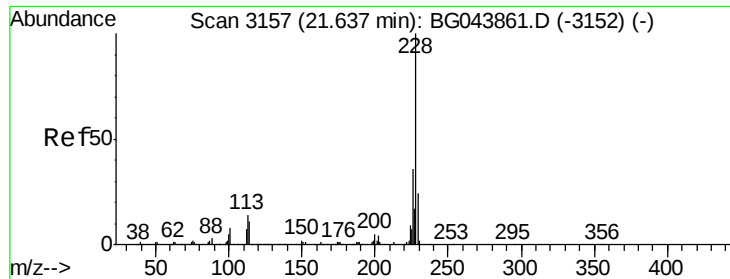
Tgt Ion:228 Resp: 1417518
Ion Ratio Lower Upper
228 100
226 32.0 26.2 39.4
229 22.9 18.9 28.3



#82
3,3'-Dichlorobenzidine
Concen: 29.755 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion:252 Resp: 412806
Ion Ratio Lower Upper
252 100
254 66.1 52.1 78.1
126 10.7 9.1 13.7





#83

Chrysene

Concen: 40.866 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

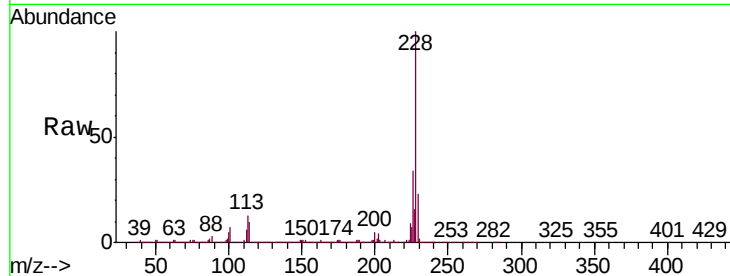
Tgt Ion:228 Resp: 1363585

Ion Ratio Lower Upper

228 100

226 34.3 28.8 43.2

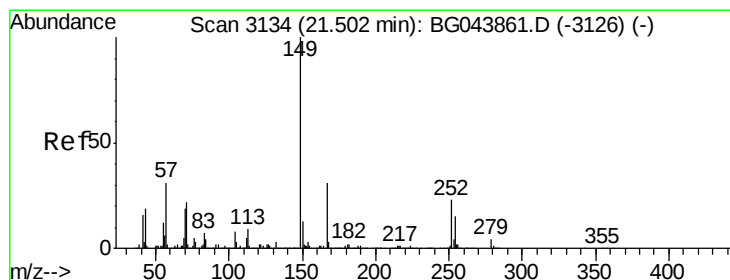
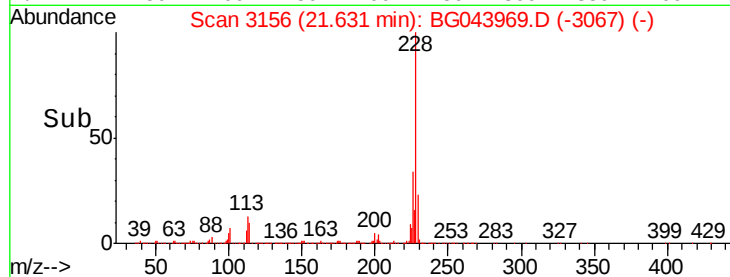
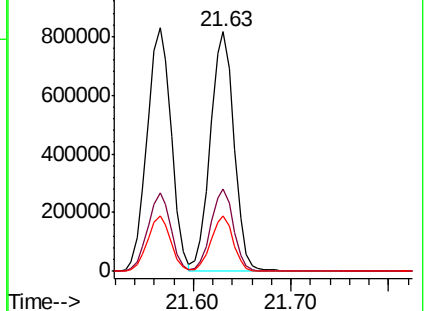
229 23.1 19.0 28.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.505 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

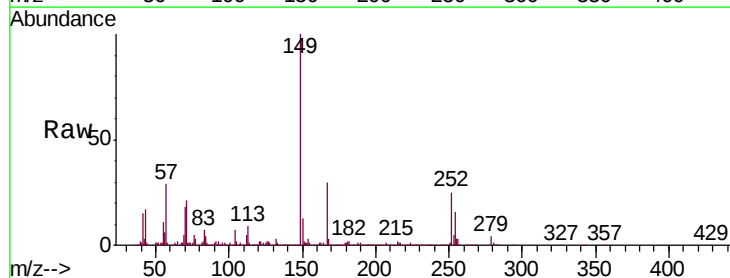
Tgt Ion:149 Resp: 983607

Ion Ratio Lower Upper

149 100

167 29.9 24.7 37.1

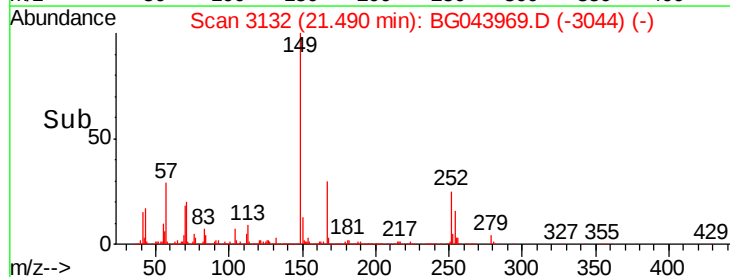
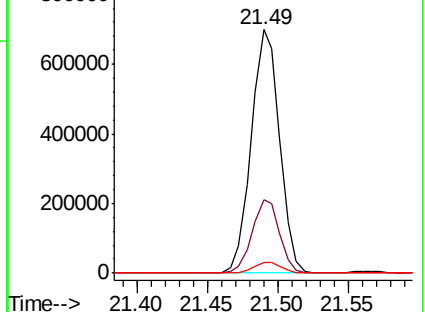
279 4.2 3.3 4.9

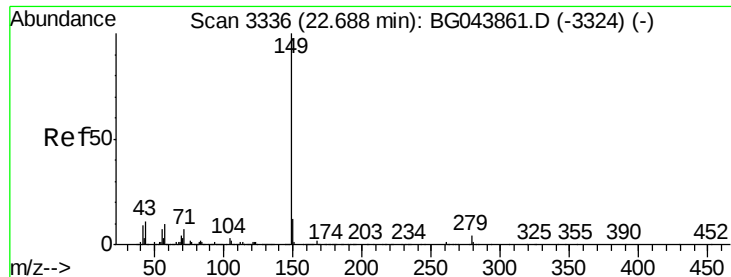


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.891 ng

RT: 22.67 min Scan# 3333

Delta R.T. -0.02 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

Instrument :

BNA_G

ClientSampleId :

PB125943BS

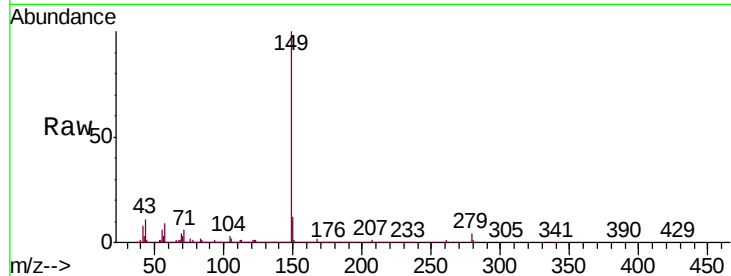
Tgt Ion:149 Resp: 1710197

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

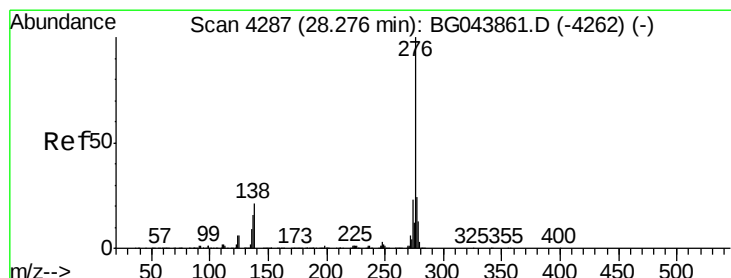
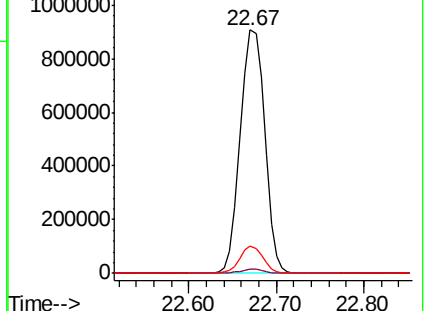
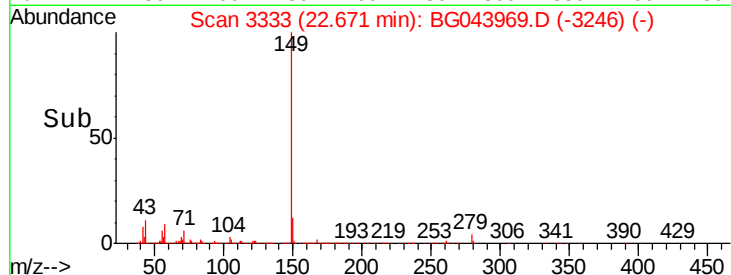
43 10.0 8.8 13.2



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: 37.592 ng

RT: 28.26 min Scan# 4284

Delta R.T. -0.02 min

Lab File: BG043969.D

Acq: 8 Jan 2020 16:06

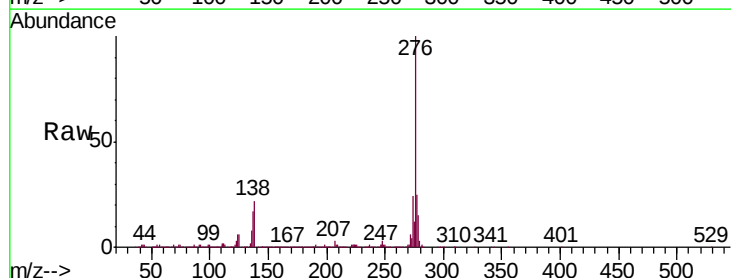
Tgt Ion:276 Resp: 1704652

Ion Ratio Lower Upper

276 100

138 27.0 21.0 31.4

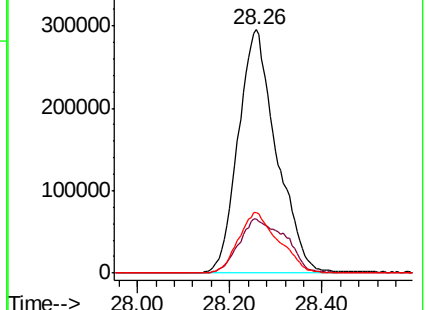
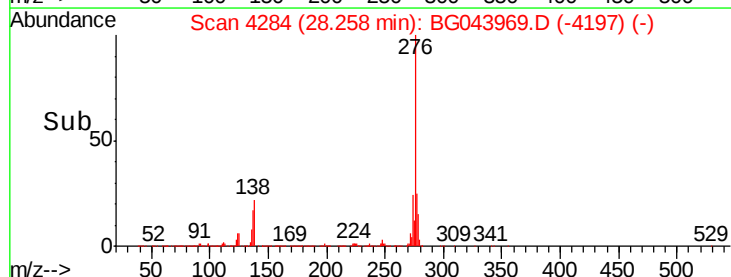
277 26.2 21.1 31.7

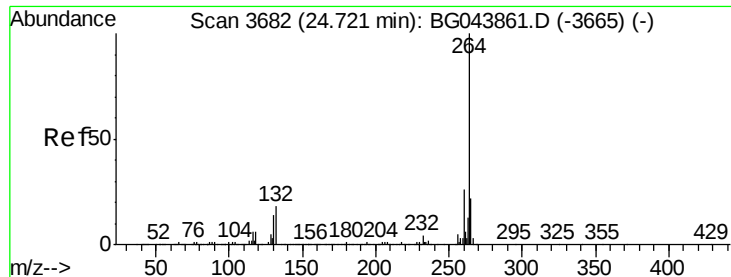


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



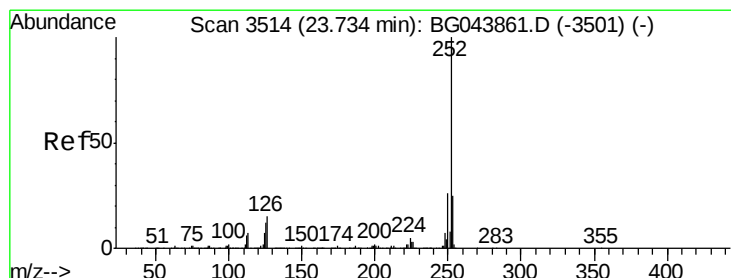
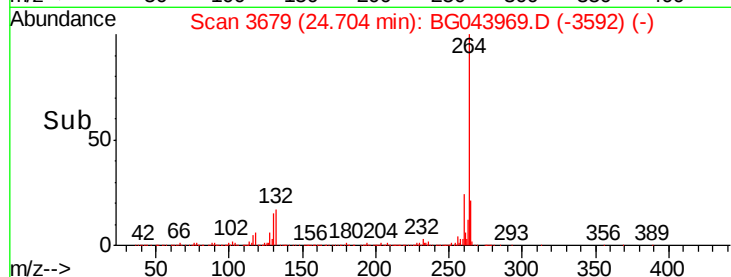
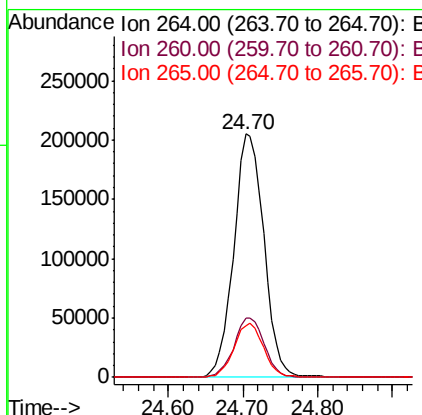
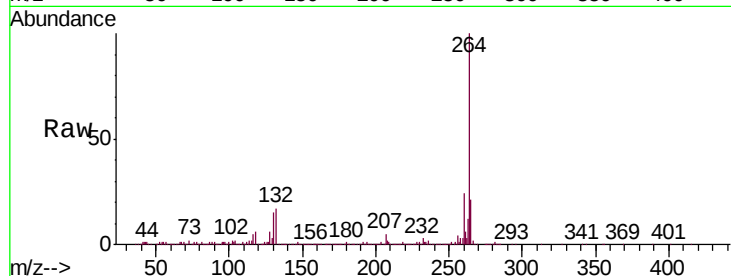


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. -0.02 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tgt Ion: 264 Resp: 576039

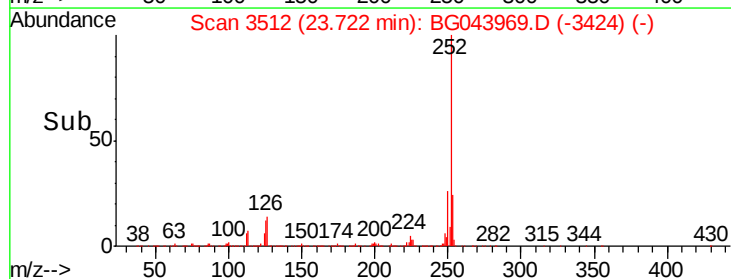
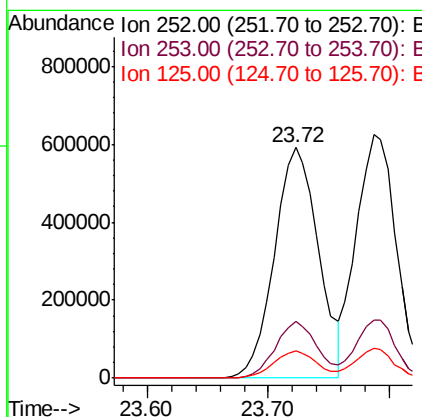
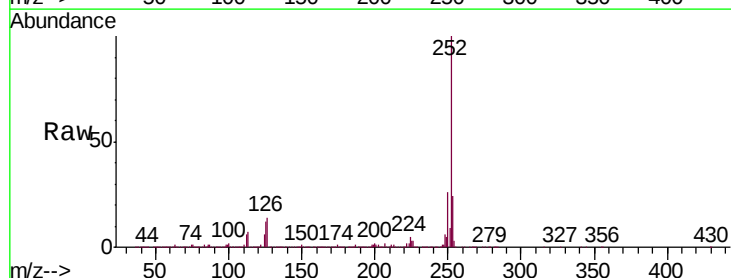
Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	21.2	17.4	26.2

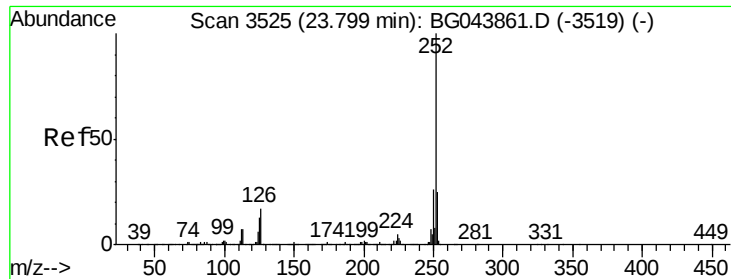


#88
Benzo(b)fluoranthene
Concen: 43.792 ng
RT: 23.72 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion: 252 Resp: 1491293

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.7	29.5
125	11.9	9.4	14.2

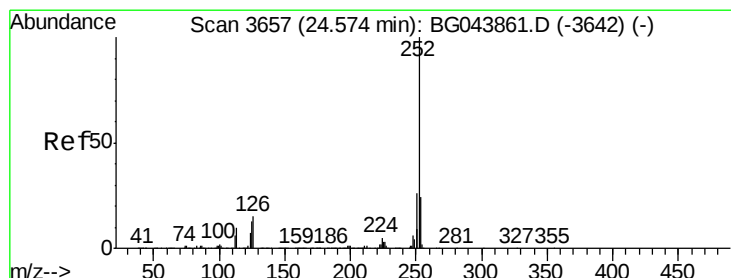
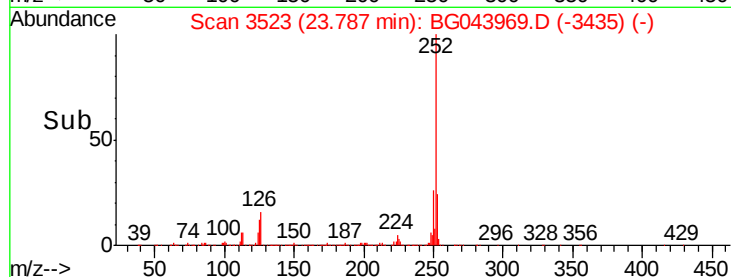
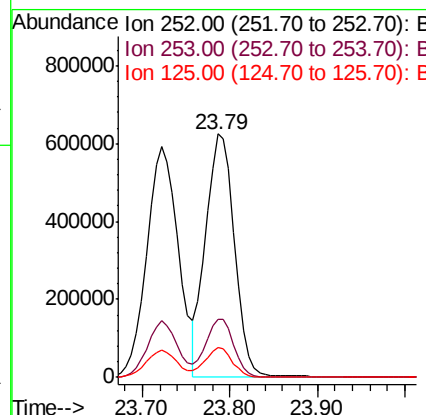
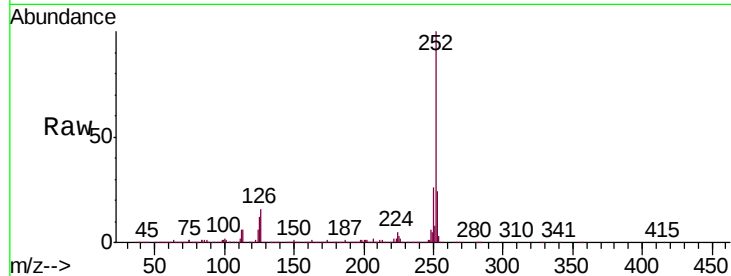




#89
Benzo(k)fluoranthene
Concen: 44.281 ng
RT: 23.79 min Scan# 3523
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

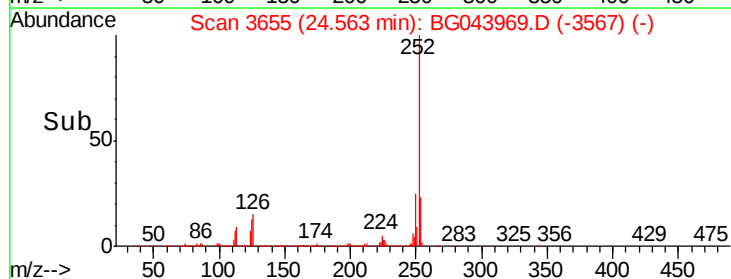
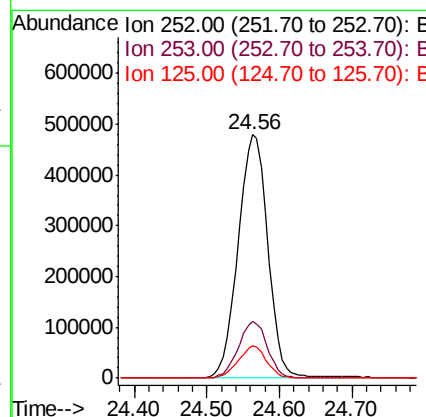
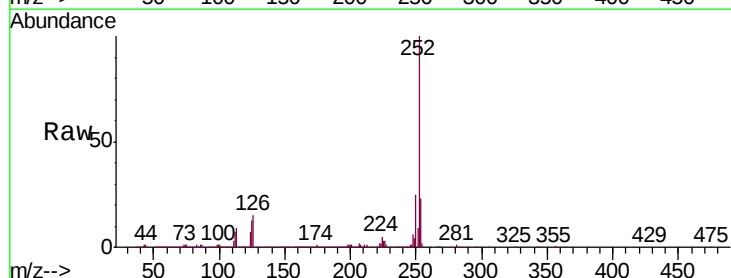
Instrument :
BNA_G
ClientSampleId :
PB125943BS

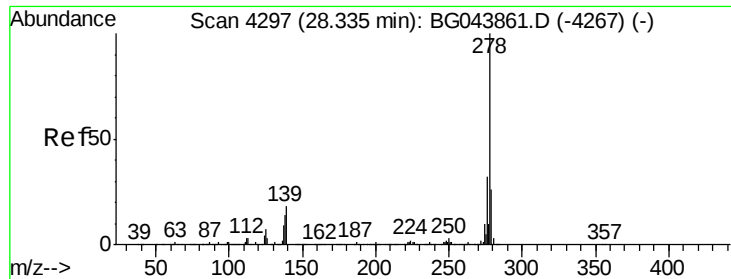
Tgt Ion:252 Resp: 1433957
Ion Ratio Lower Upper
252 100
253 23.9 19.4 29.2
125 12.2 9.9 14.9



#90
Benzo(a)pyrene
Concen: 42.420 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion:252 Resp: 1363410
Ion Ratio Lower Upper
252 100
253 23.1 19.3 28.9
125 13.2 10.4 15.6

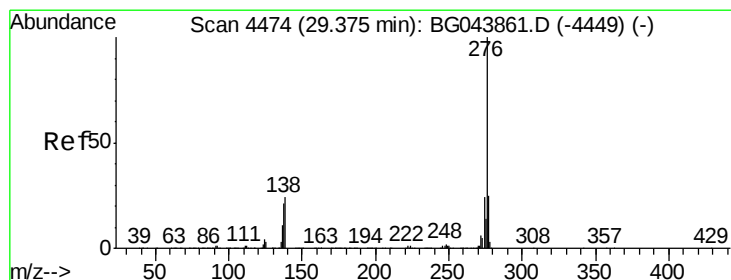
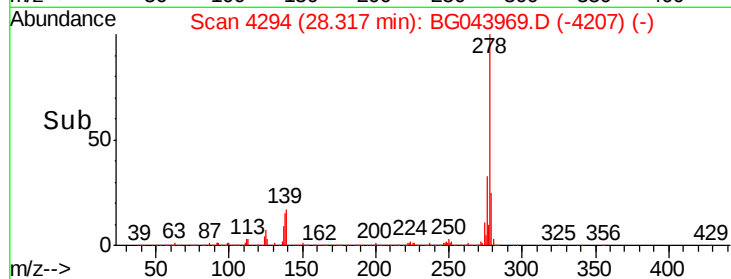
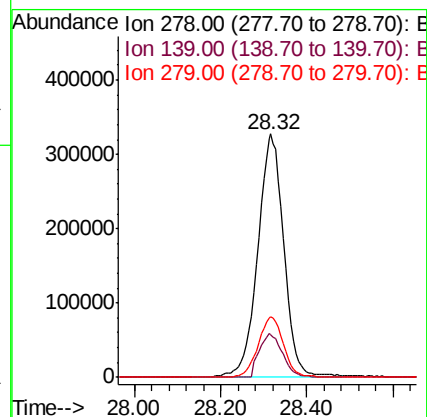
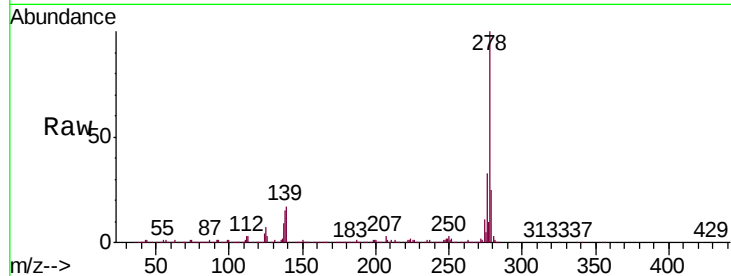




#91
Dibenzo(a,h)anthracene
Concen: 43.867 ng
RT: 28.32 min Scan# 4294
Delta R.T. -0.02 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Instrument :
BNA_G
ClientSampleId :
PB125943BS

Tgt Ion:278 Resp: 1415986
Ion Ratio Lower Upper
278 100
139 17.4 14.2 21.4
279 24.7 20.6 30.8



#92
Benzo(g,h,i)perylene
Concen: 44.761 ng
RT: 29.36 min Scan# 4471
Delta R.T. -0.02 min
Lab File: BG043969.D
Acq: 8 Jan 2020 16:06

Tgt Ion:276 Resp: 1435180
Ion Ratio Lower Upper
276 100
277 23.9 20.2 30.4
138 23.3 19.0 28.6

