

Data File : BG043967.D
Acq On : 8 Jan 2020 14:47
Operator : JU
Sample : PB125926BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB125926BS

Quant Time: Jan 09 06:10:05 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	122435	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	519748	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	332942	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	691991	20.00	ng	0.00
76) Chrysene-d12	21.59	240	560287	20.00	ng	0.00
87) Perylene-d12	24.72	264	574770	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	870706	130.58	ng	0.00
7) Phenol-d6	7.13	99	1125020	120.70	ng	0.00
23) Nitrobenzene-d5	9.11	82	703374	72.40	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	405726	116.45	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1500947	81.68	ng	0.00
79) Terphenyl-d14	19.95	244	1984254	85.53	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	125877	43.295	ng	96
3) Pyridine	3.82	79	299684	34.891	ng	95
4) n-Nitrosodimethylamine	3.73	42	149556	39.110	ng	# 94
6) Aniline	7.28	93	395538	32.308	ng	99
8) 2-Chlorophenol	7.52	128	359822	45.965	ng	98
9) Benzaldehyde	7.09	77	212573	35.633	ng	98
10) Phenol	7.15	94	436287	45.430	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	342173	41.277	ng	100
12) 1,3-Dichlorobenzene	7.85	146	382075	41.708	ng	99
13) 1,4-Dichlorobenzene	7.99	146	378997	41.931	ng	98
14) 1,2-Dichlorobenzene	8.31	146	361774	41.700	ng	98
15) Benzyl Alcohol	8.19	79	305585	41.541	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	471330	36.751	ng	99
17) 2-Methylphenol	8.41	107	310910	44.738	ng	98
18) Hexachloroethane	9.05	117	142820	40.608	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	268231	38.642	ng	98
20) 3+4-Methylphenols	8.73	107	424198	43.755	ng	98
22) Acetophenone	8.78	105	493366	38.182	ng	# 98
24) Nitrobenzene	9.15	77	372846	38.747	ng	99
25) Isophorone	9.68	82	714895	39.220	ng	98
26) 2-Nitrophenol	9.87	139	203560	44.713	ng	96
27) 2,4-Dimethylphenol	9.93	122	335540	48.962	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	455045	37.446	ng	99
29) 2,4-Dichlorophenol	10.41	162	350989	42.937	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	355735	38.812	ng	99
31) Naphthalene	10.81	128	1039712	41.338	ng	99
32) Benzoic acid	10.07	122	189612	35.805	ng	92
33) 4-Chloroaniline	10.91	127	266836	22.243	ng	97
34) Hexachlorobutadiene	11.11	225	207609	37.099	ng	95
35) Caprolactam	11.68	113	70026	23.011	ng	92
36) 4-Chloro-3-methylphenol	12.04	107	366515	42.117	ng	98
37) 2-Methylnaphthalene	12.42	142	765216	40.412	ng	97
38) 1-Methylnaphthalene	12.64	142	732426	40.812	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	361232	37.017	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	443073	87.578	ng	98
43) 2,4,6-Trichlorophenol	13.02	196	277308	41.299	ng	99
44) 2,4,5-Trichlorophenol	13.09	196	293373	42.362	ng	98
46) 1,1'-Biphenyl	13.42	154	958660	40.159	ng	99
47) 2-Chloronaphthalene	13.46	162	744050	38.573	ng	98
48) 2-Nitroaniline	13.66	65	231795	37.357	ng	97
49) Acenaphthylene	14.31	152	1161675	41.900	ng	99
50) Dimethylphthalate	14.05	163	948481	40.122	ng	100
51) 2,6-Dinitrotoluene	14.16	165	218461	40.886	ng	96
52) Acenaphthene	14.66	154	748389	38.491	ng	99
53) 3-Nitroaniline	14.49	138	162770	26.826	ng	99
54) 2,4-Dinitrophenol	14.69	184	201962	74.591	ng	98
55) Dibenzofuran	14.99	168	1107639	41.383	ng	99
56) 4-Nitrophenol	14.80	139	404706	87.039	ng	96
57) 2,4-Dinitrotoluene	14.95	165	301170	41.423	ng	95
58) Fluorene	15.64	166	869209	40.972	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	254169	42.681	ng	96
60) Diethylphthalate	15.41	149	951630	40.247	ng	98
61) 4-Chlorophenyl-phenylether	15.63	204	453933	39.406	ng	99
62) 4-Nitroaniline	15.65	138	216117	36.068	ng	95
63) Azobenzene	15.93	77	870373	39.692	ng	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	161276	45.488	ng	97
66) n-Nitrosodiphenylamine	15.84	169	819081	40.194	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	287327	36.918	ng	99
68) Hexachlorobenzene	16.65	284	309080	36.856	ng	99
69) Atrazine	16.80	200	303933	45.884	ng	98
70) Pentachlorophenol	16.99	266	367090	79.407	ng	99
71) Phenanthrene	17.38	178	1349813	40.668	ng	99
72) Anthracene	17.47	178	1381922	42.128	ng	99
73) Carbazole	17.74	167	1256912	41.482	ng	98
74) Di-n-butylphthalate	18.31	149	1539369	39.791	ng	98
75) Fluoranthene	19.39	202	1517237	39.970	ng	98
77) Benzidine	19.56	184	588403	41.781	ng	97
78) Pyrene	19.74	202	1531114	41.866	ng	98
80) Butylbenzylphthalate	20.64	149	702947	40.372	ng	97
81) Benzo(a)anthracene	21.57	228	1421733	40.923	ng	98
82) 3,3'-Dichlorobenzidine	21.48	252	402803	29.347	ng	99
83) Chrysene	21.63	228	1365869	41.376	ng	97
84) Bis(2-ethylhexyl)phthalate	21.50	149	988860	41.160	ng	99
85) Di-n-octyl phthalate	22.68	149	1703309	42.172	ng	98
86) Indeno(1,2,3-cd)pyrene	28.26	276	1702471	37.948	ng	99
88) Benzo(b)fluoranthene	23.73	252	1496376	44.038	ng	98
89) Benzo(k)fluoranthene	23.80	252	1416005	43.823	ng	99
90) Benzo(a)pyrene	24.57	252	1363831	42.526	ng	98
91) Dibenzo(a,h)anthracene	28.33	278	1414179	43.908	ng	98
92) Benzo(g,h,i)perylene	29.38	276	1432887	44.788	ng	98

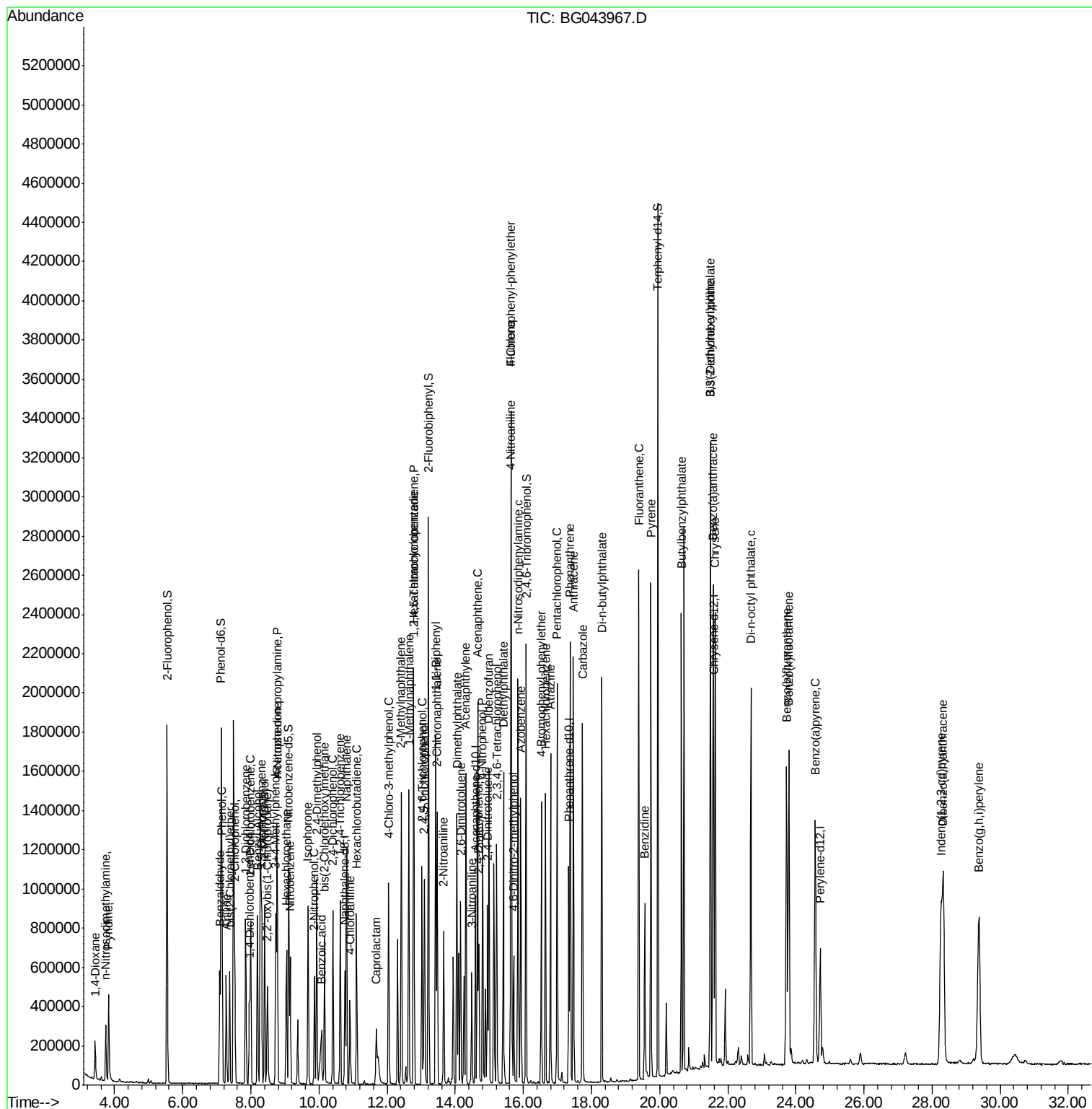
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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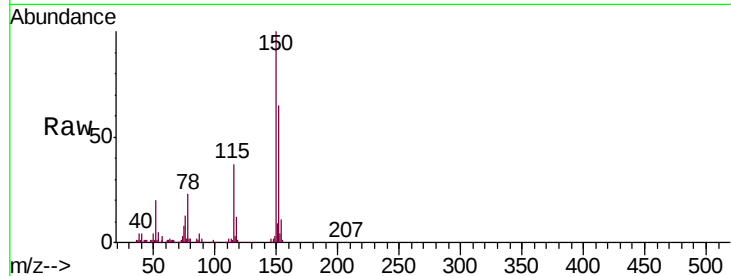


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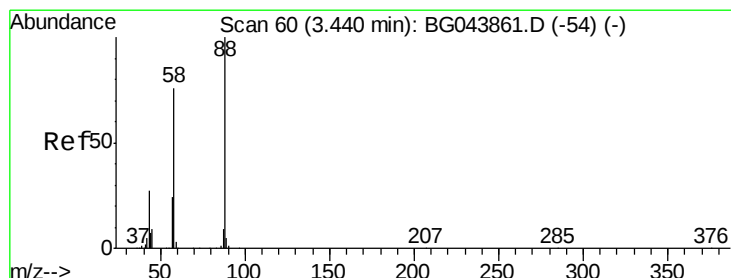
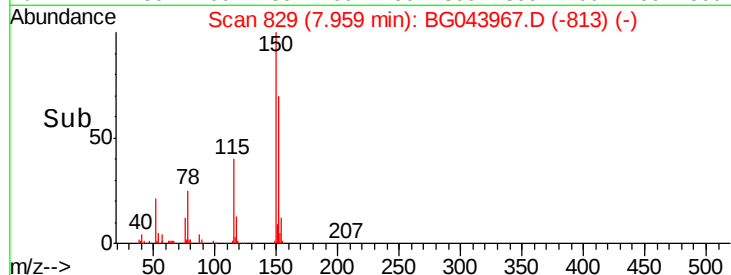
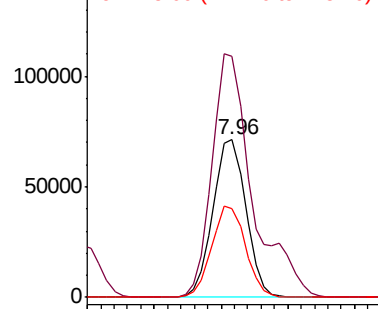
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Instrument :
BNA_G
ClientSampleId :
PB125926BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.1	127.0	190.4
115	56.6	47.8	71.8



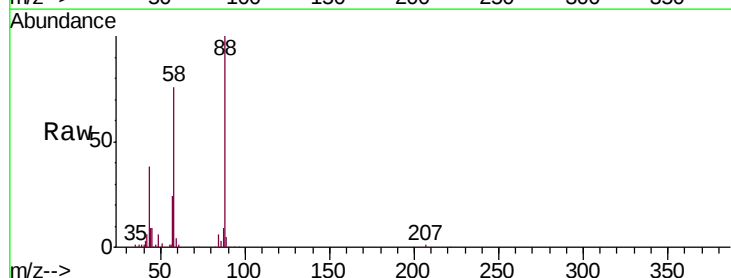
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



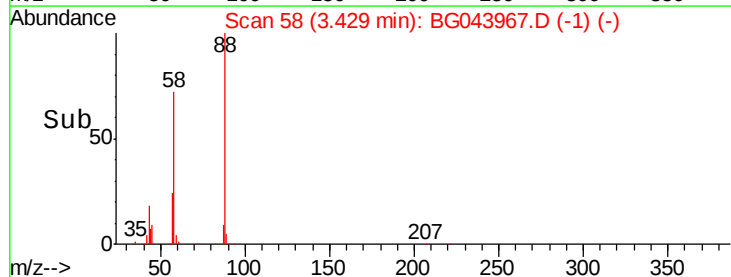
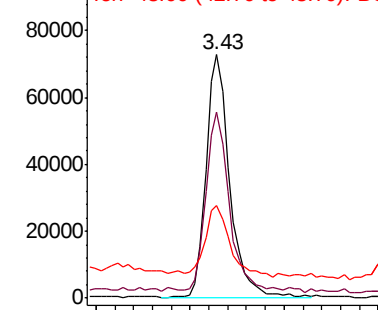
#2

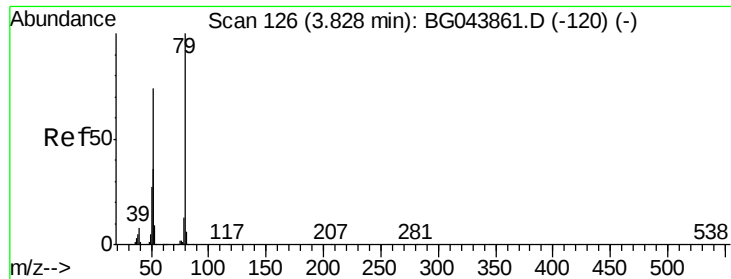
1,4-Dioxane
Concen: 43.295 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	59.8	89.8
43	32.0	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: 34.891 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

Instrument :

BNA_G

ClientSampleId :

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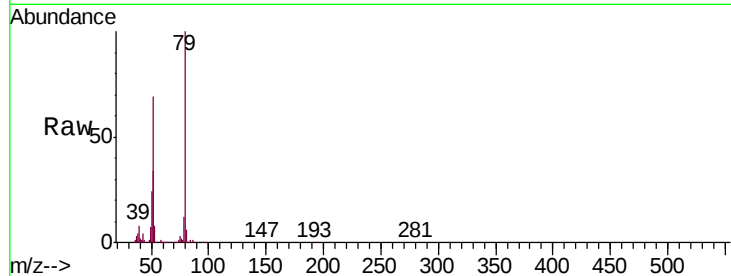
Tgt Ion: 79 Resp: 299684

Ion Ratio Lower Upper

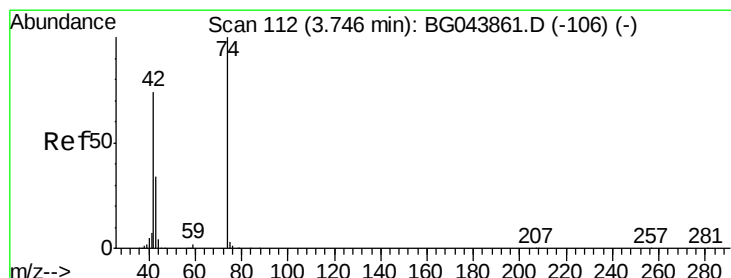
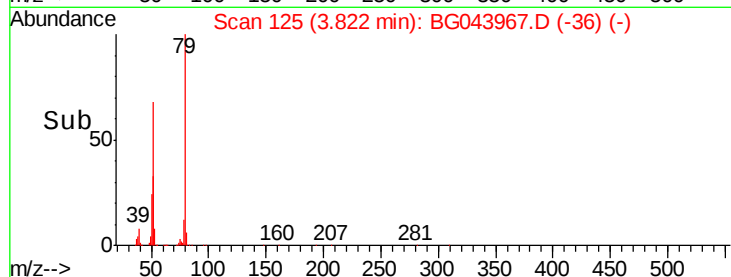
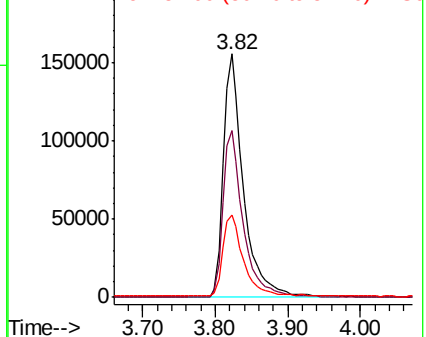
79 100

52 68.5 58.9 88.3

51 33.6 28.6 43.0



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



#4

n-Nitrosodimethylamine

Concen: 39.110 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

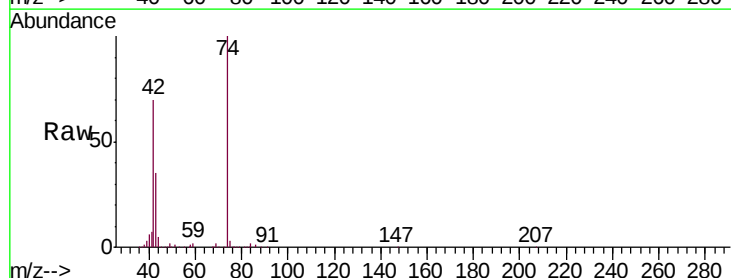
Tgt Ion: 42 Resp: 149556

Ion Ratio Lower Upper

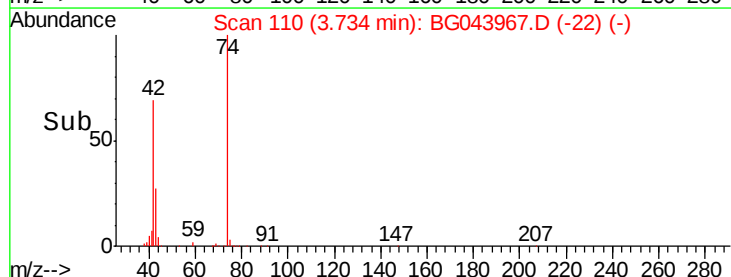
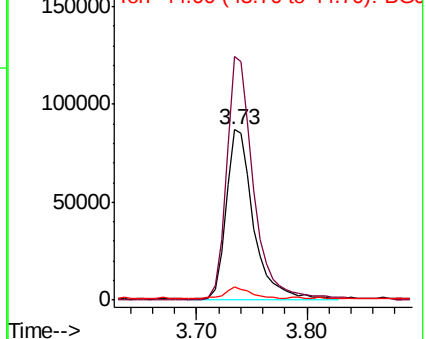
42 100

74 142.7 108.6 162.8

44 7.8 5.0 7.6#



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





#5

2-Fluorophenol

Concen: 130.577 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043967.D

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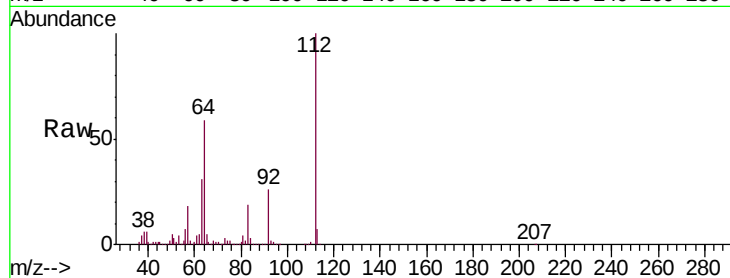
Tgt Ion: 112 Resp: 870706

Ion Ratio Lower Upper

112 100

64 58.8 47.8 71.6

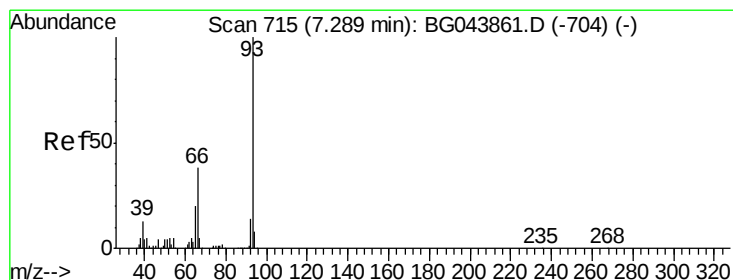
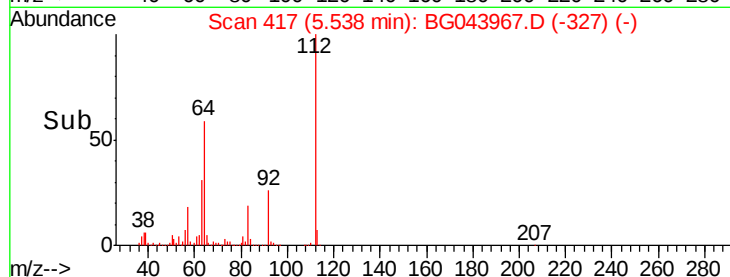
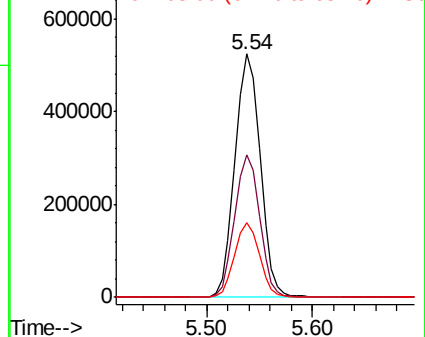
63 30.8 24.3 36.5



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: 32.308 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

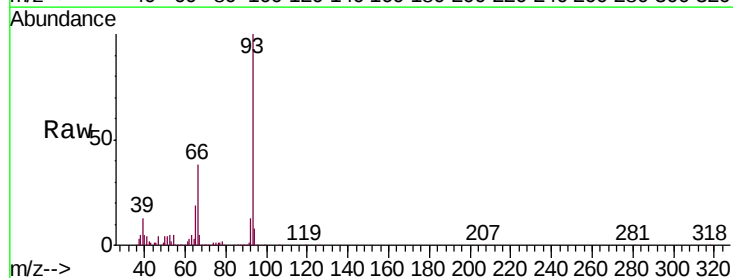
Tgt Ion: 93 Resp: 395538

Ion Ratio Lower Upper

93 100

66 37.9 30.8 46.2

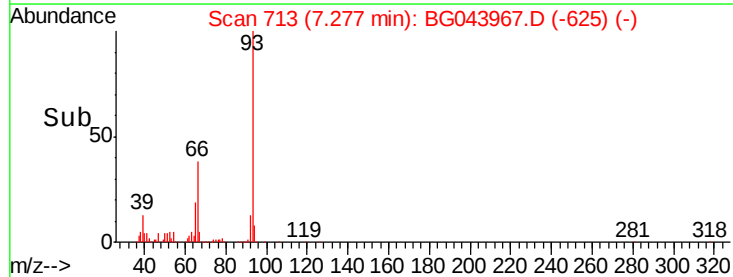
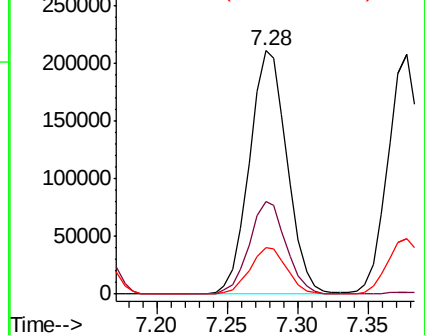
65 19.0 16.0 24.0

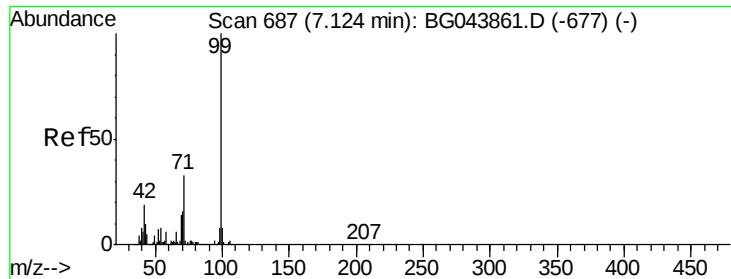


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.699 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

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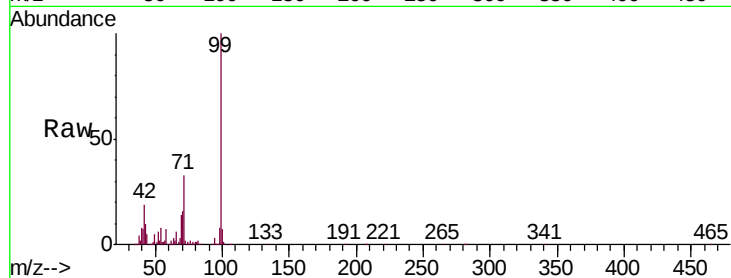
Tgt Ion: 99 Resp: 1125020

Ion Ratio Lower Upper

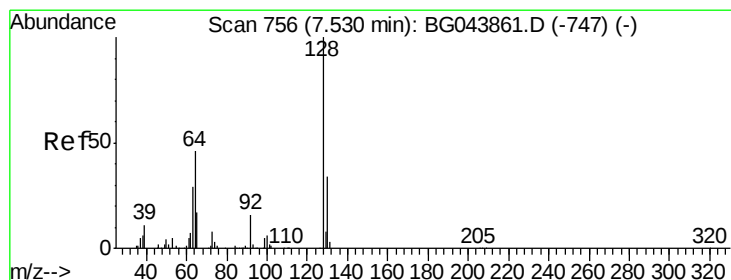
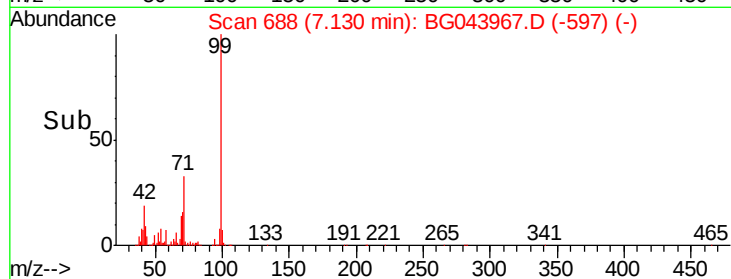
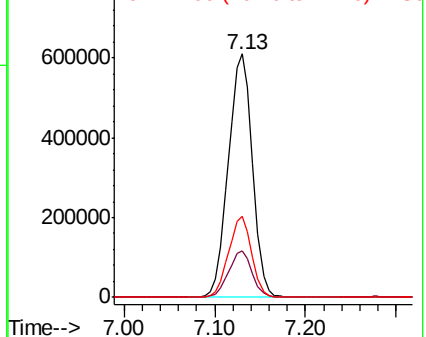
99 100

42 19.0 14.9 22.3

71 33.1 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: 45.965 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

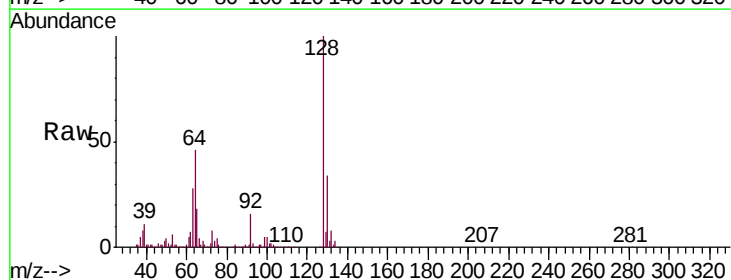
Tgt Ion: 128 Resp: 359822

Ion Ratio Lower Upper

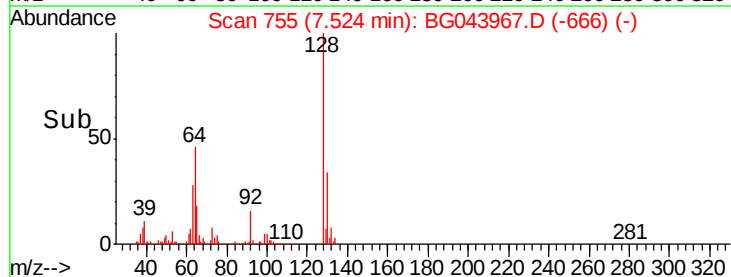
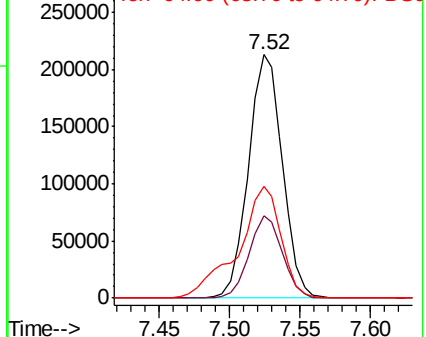
128 100

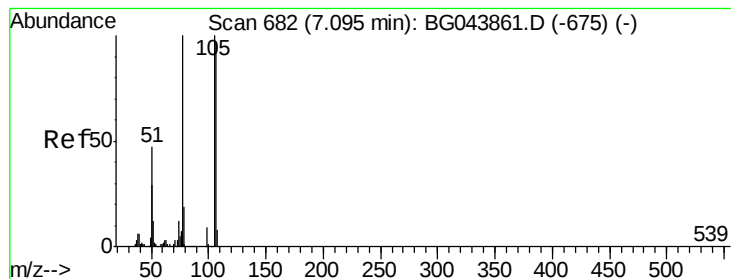
130 33.6 13.8 53.8

64 45.8 27.6 67.6



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





#9

Benzaldehyde

Concen: 35.633 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG043967.D

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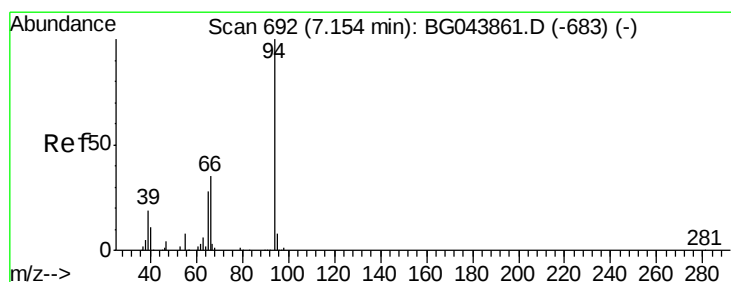
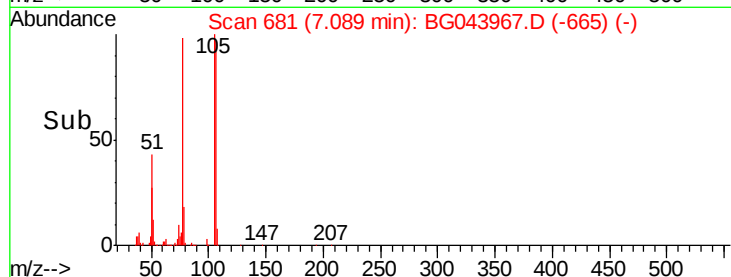
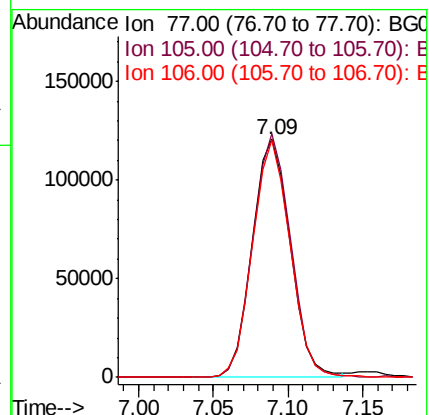
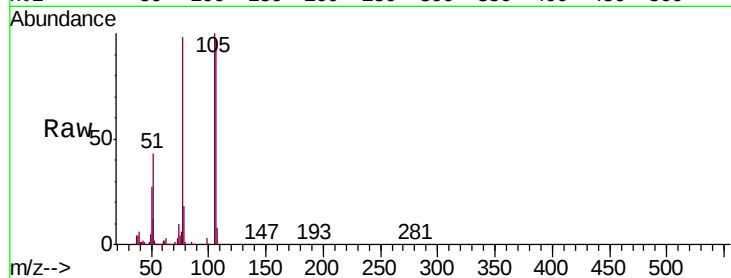
Tgt Ion: 77 Resp: 212573

Ion Ratio Lower Upper

77 100

105 102.2 80.2 120.2

106 99.5 77.2 117.2



#10

Phenol

Concen: 45.430 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

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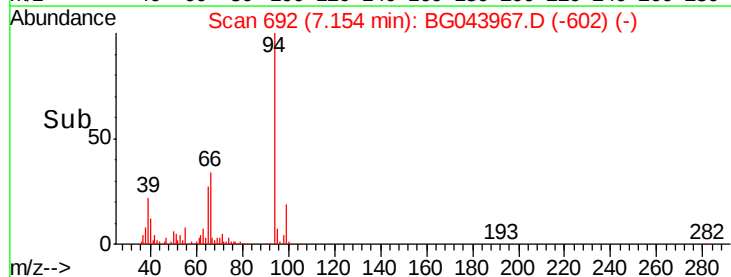
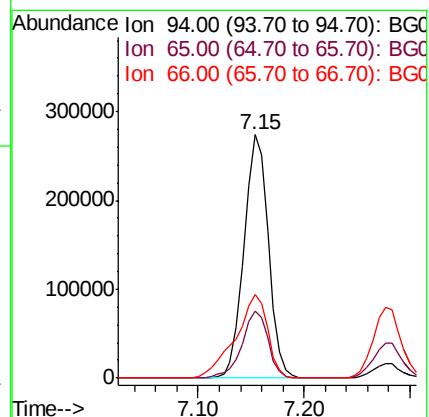
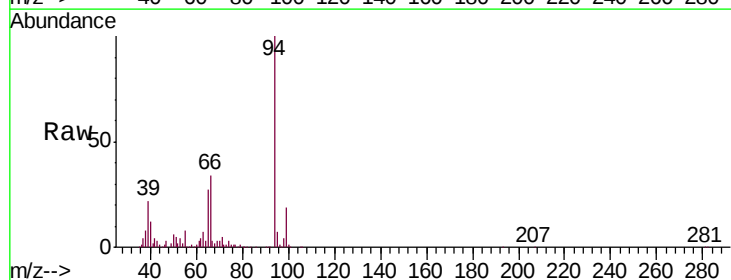
Tgt Ion: 94 Resp: 436287

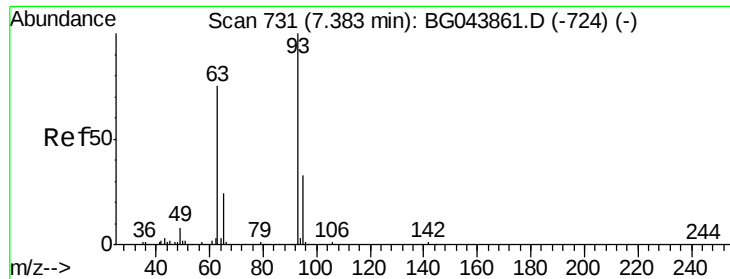
Ion Ratio Lower Upper

94 100

65 27.3 8.1 48.1

66 34.2 15.6 55.6

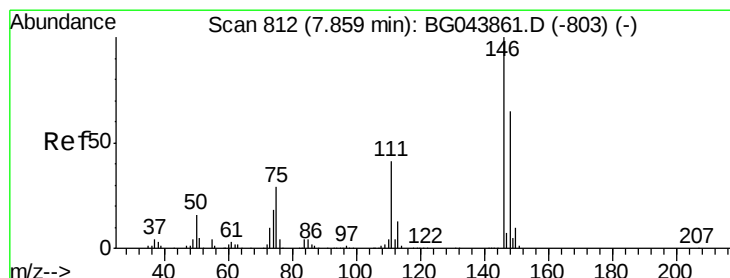
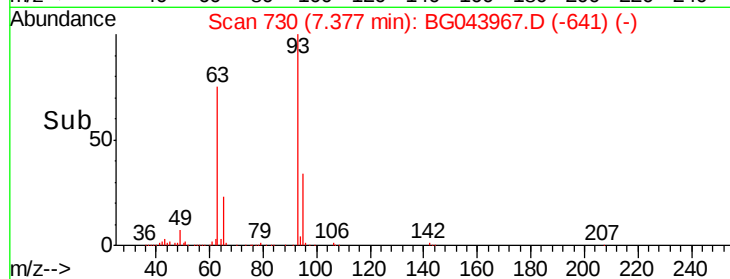
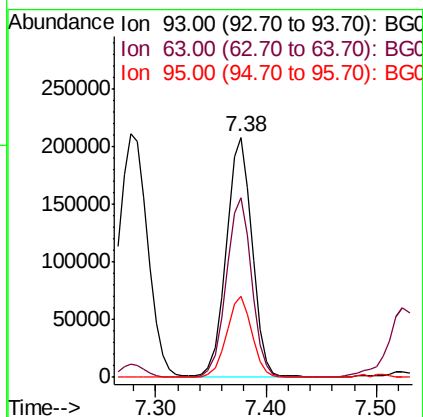
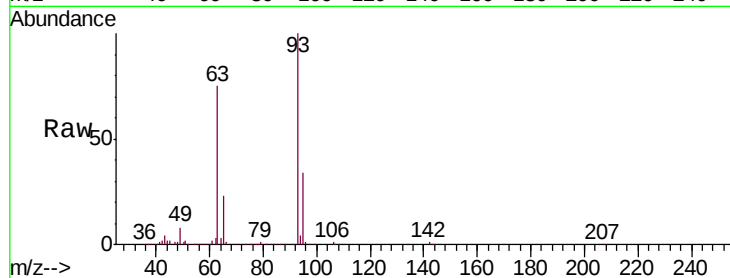




#11
 bis(2-Chloroethyl)ether
 Concen: 41.277 ng
 RT: 7.38 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BG043967.D
 Acq: 8 Jan 2020 14:47

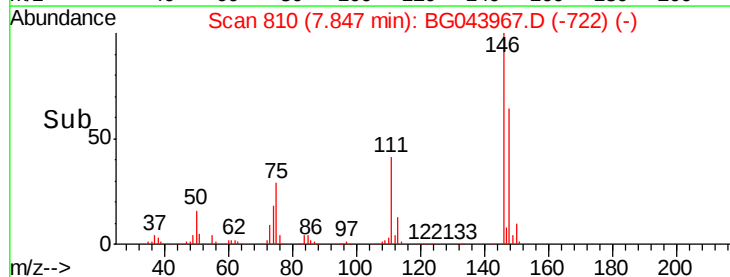
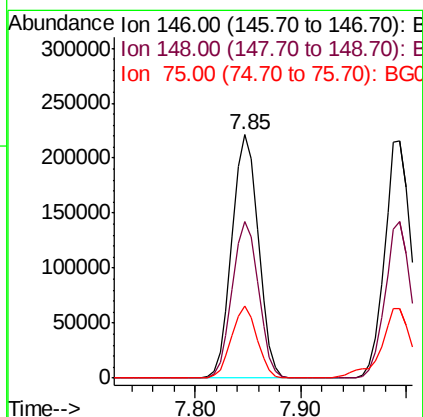
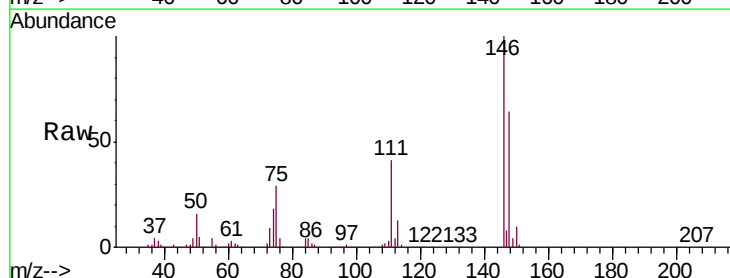
Instrument :
 BNA_G
 ClientSampleId :
 PB125926BS

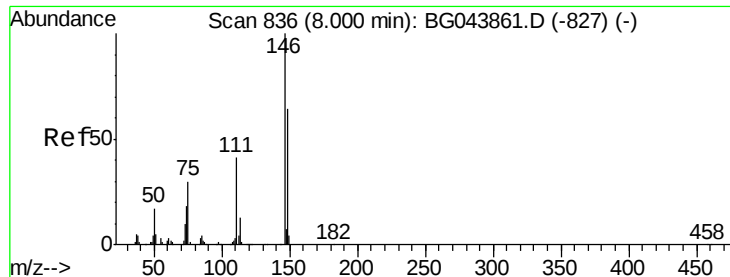
Tgt Ion: 93 Resp: 342173
 Ion Ratio Lower Upper
 93 100
 63 74.9 55.0 95.0
 95 33.6 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 41.708 ng
 RT: 7.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BG043967.D
 Acq: 8 Jan 2020 14:47

Tgt Ion: 146 Resp: 382075
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.1 78.1
 75 29.5 23.0 34.4

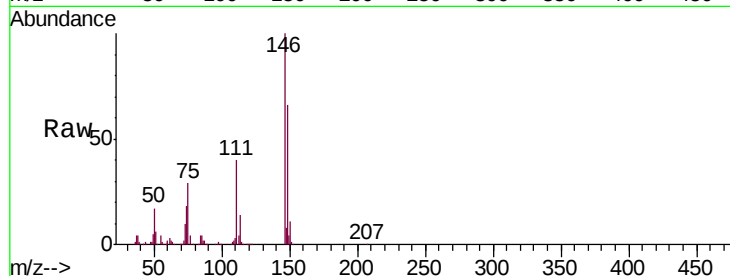




#13
 1,4-Dichlorobenzene
 Concen: 41.931 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG043967.D
 Acq: 8 Jan 2020 14:47

Instrument :
 BNA_G
 ClientSampleId :
 PB125926BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.2	76.8
111	39.9	33.1	49.7

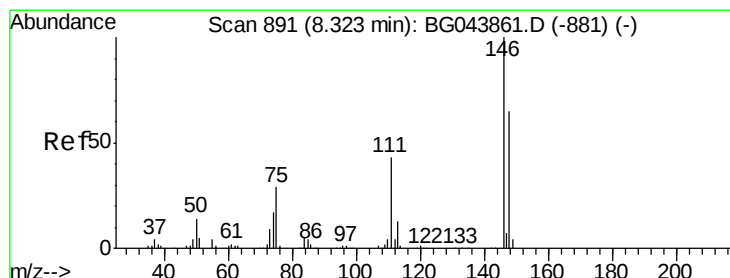
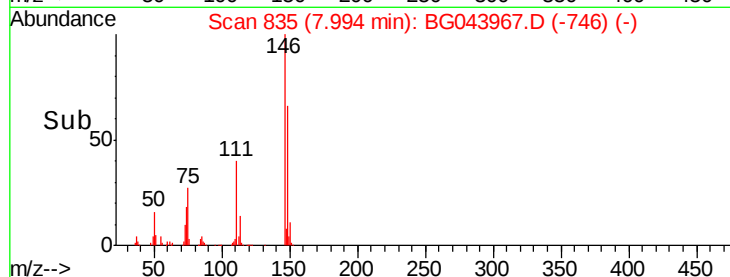
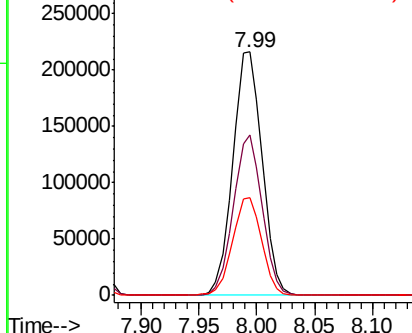


Abundance

Ion 146.00 (145.70 to 146.70): E

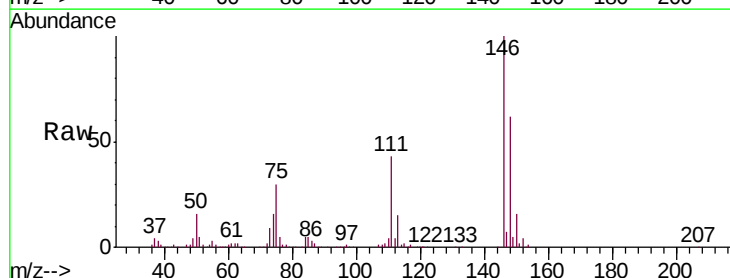
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.700 ng
 RT: 8.31 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BG043967.D
 Acq: 8 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.7	77.5
111	42.6	34.4	51.6

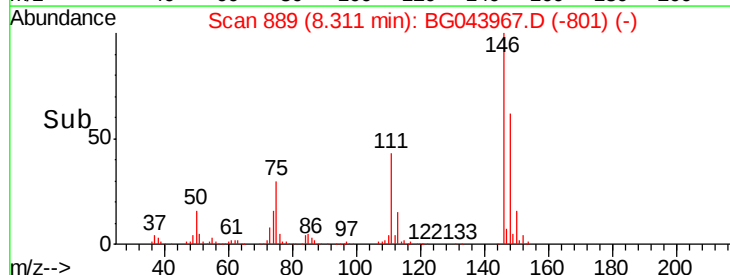
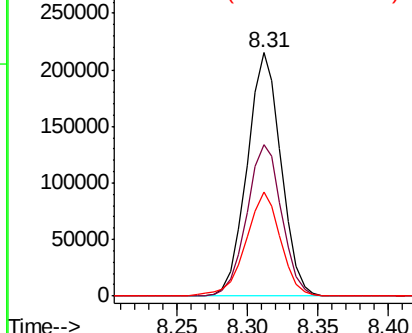


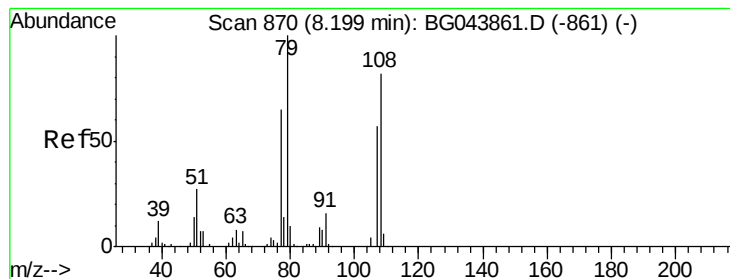
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.541 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

Instrument :

BNA_G

ClientSampleId :

PB125926BS

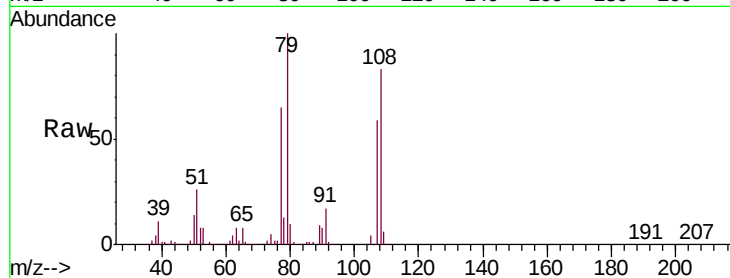
Tgt Ion: 79 Resp: 305585

Ion Ratio Lower Upper

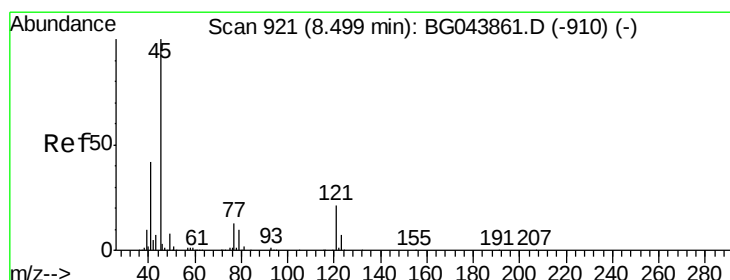
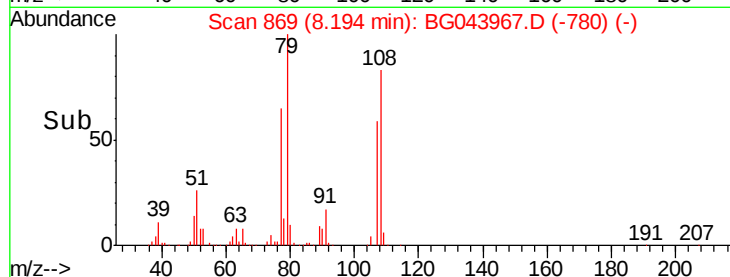
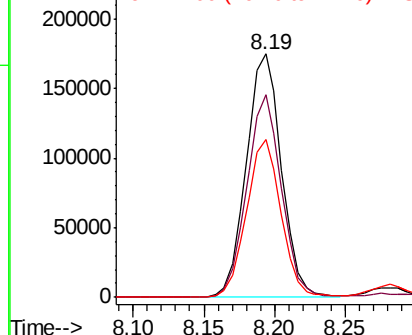
79 100

108 83.0 65.6 98.4

77 64.7 52.0 78.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.751 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

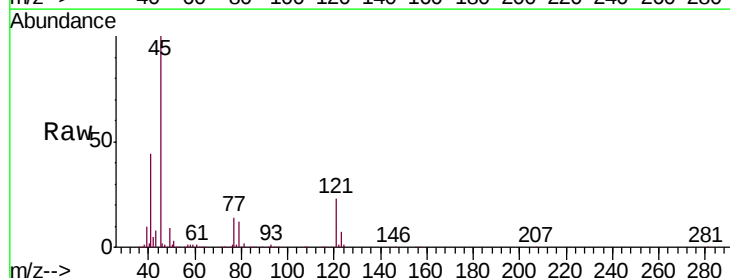
Tgt Ion: 45 Resp: 471330

Ion Ratio Lower Upper

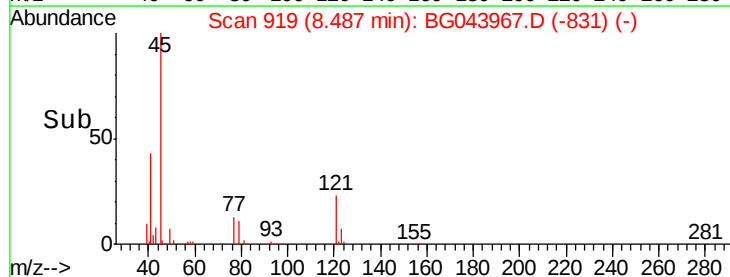
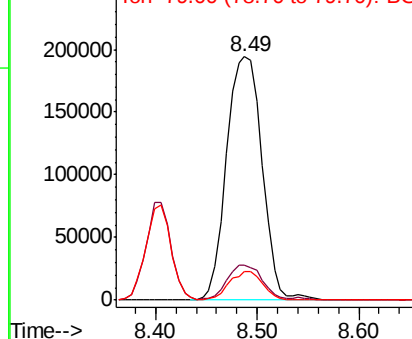
45 100

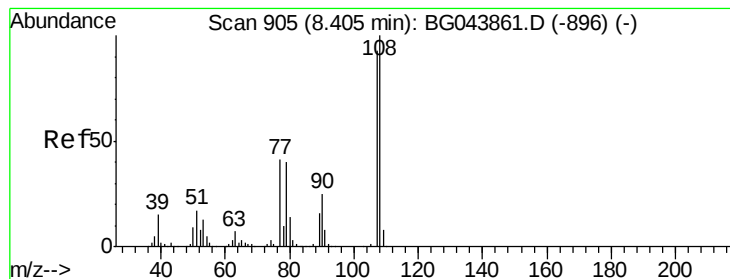
77 14.2 0.0 33.8

79 11.5 0.0 31.0



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





#17

2-Methylphenol

Concen: 44.738 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

Instrument :

BNA_G

ClientSampleId :

PB125926BS

Tgt Ion:107 Resp: 310910

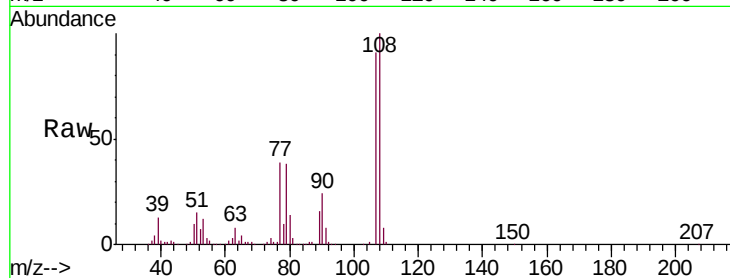
Ion Ratio Lower Upper

107 100

108 110.4 86.1 129.1

77 43.4 35.4 53.0

79 42.2 34.8 52.2

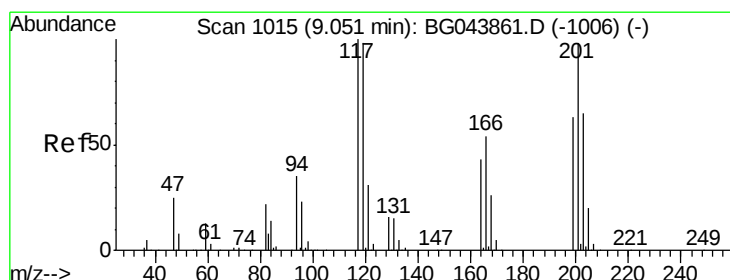
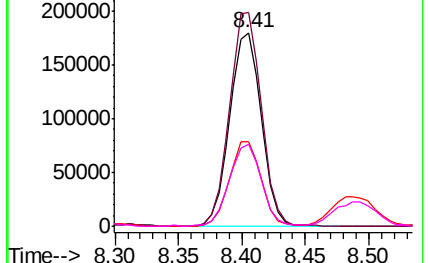
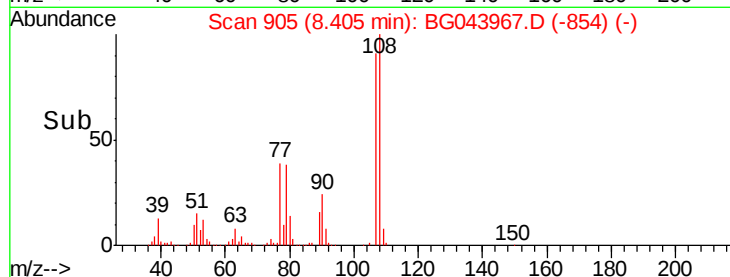


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.608 ng

RT: 9.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

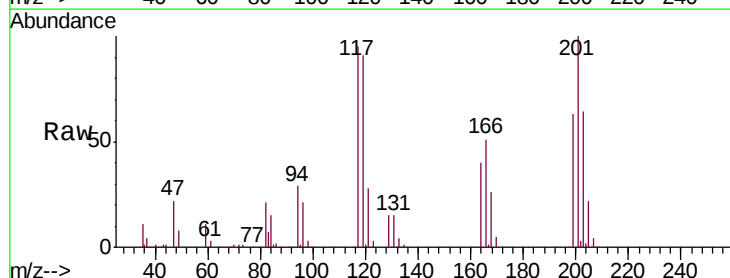
Tgt Ion:117 Resp: 142820

Ion Ratio Lower Upper

117 100

119 96.1 78.1 117.1

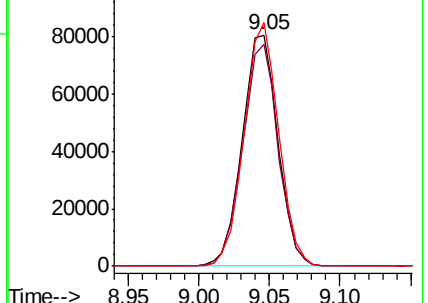
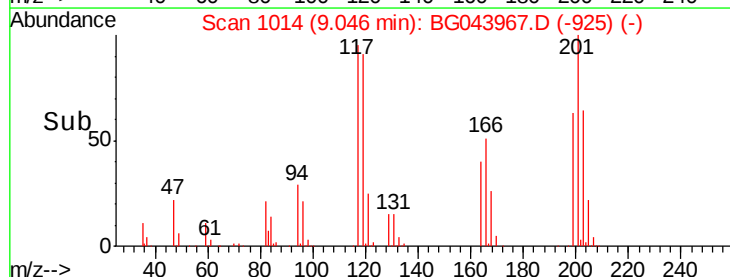
201 105.4 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

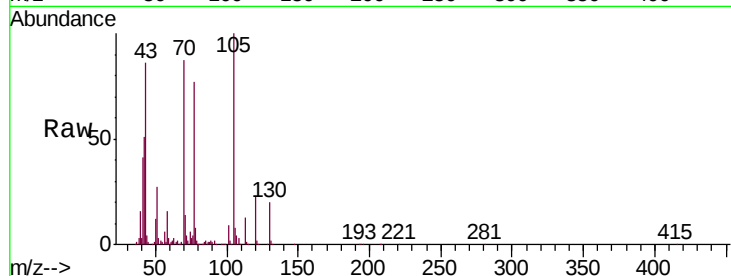




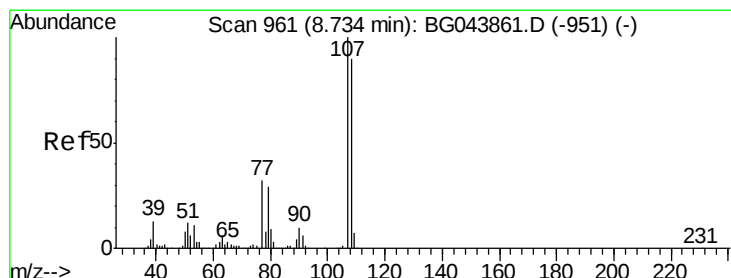
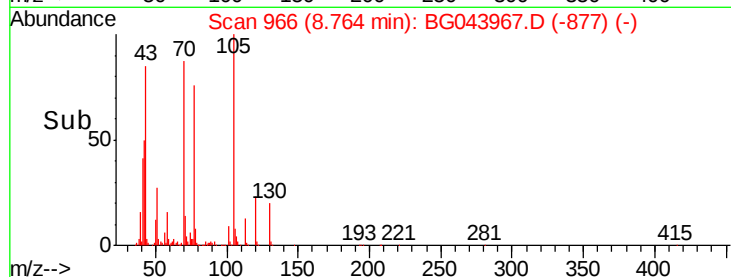
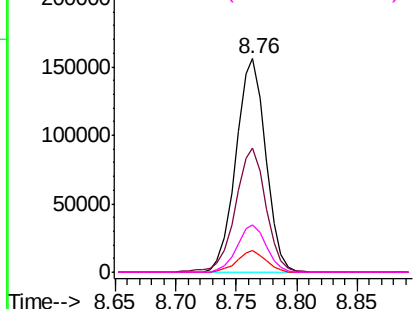
#19
n-Nitroso-di-n-propylamine
Concen: 38.642 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Instrument :
BNA_G
ClientSampleId :
PB125926BS

Tgt Ion:	70	Resp:	268231
Ion	Ratio	Lower	Upper
70	100		
42	58.0	47.0	70.4
101	10.0	7.2	10.8
130	22.3	15.6	23.4

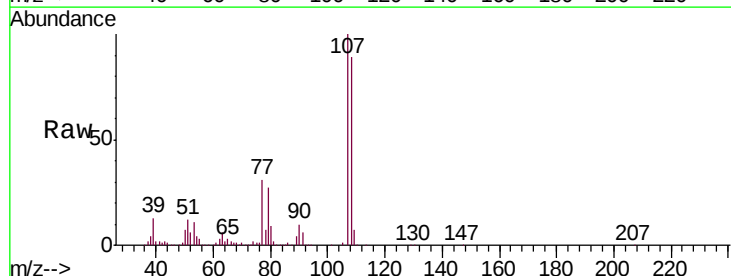


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

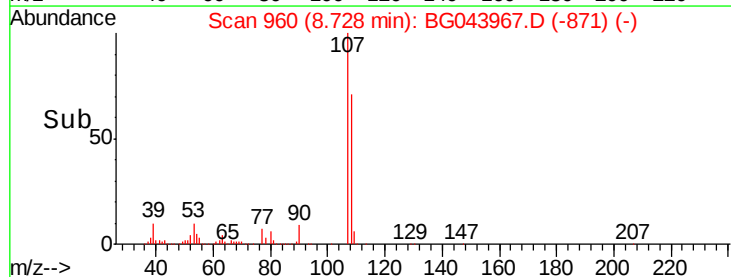
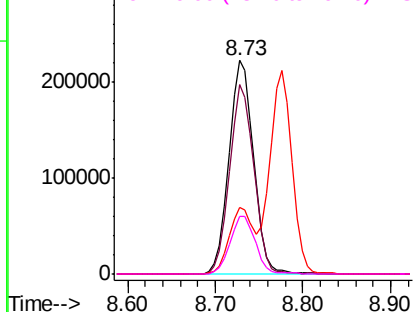


#20
3+4-Methylphenols
Concen: 43.755 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Tgt Ion:	107	Resp:	424198
Ion	Ratio	Lower	Upper
107	100		
108	88.8	70.3	110.3
77	31.5	12.4	52.4
79	27.2	8.6	48.6



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

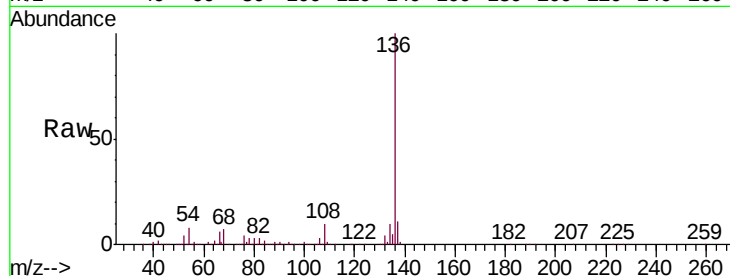




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Instrument :
BNA_G
ClientSampleId :
PB125926BS

Tgt Ion:	136	Resp:	519748
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.9	7.0	10.4
68	6.6	4.9	7.3



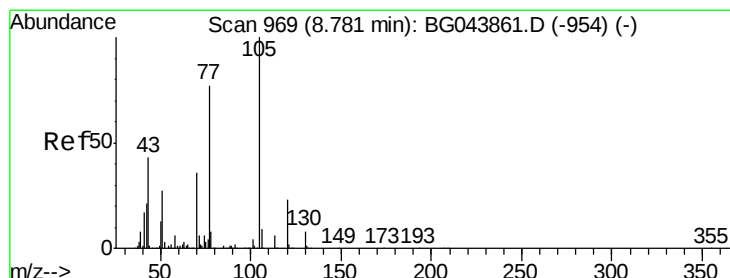
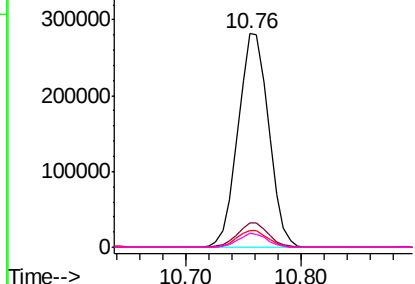
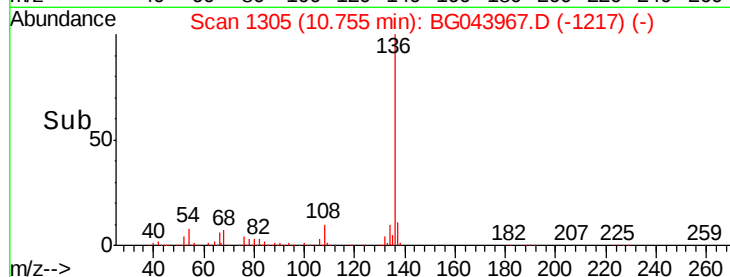
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

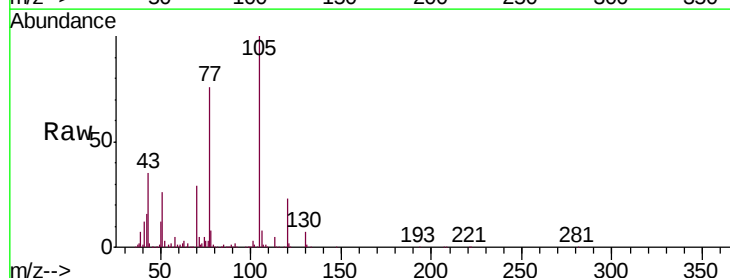
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.182 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Tgt Ion:	105	Resp:	493366
Ion	Ratio	Lower	Upper
105	100		
71	4.6	4.8	7.2#
51	25.6	21.4	32.0
120	23.5	18.6	28.0



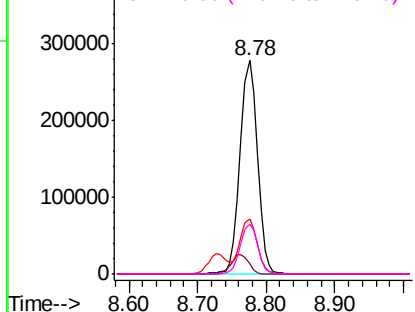
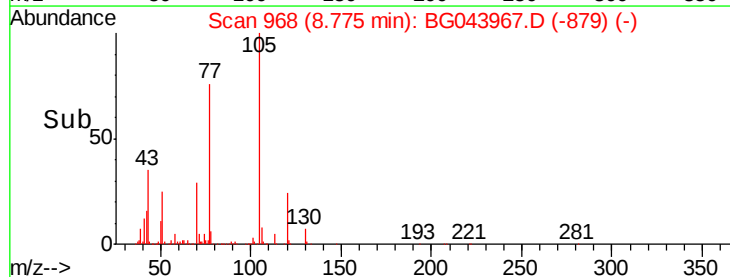
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

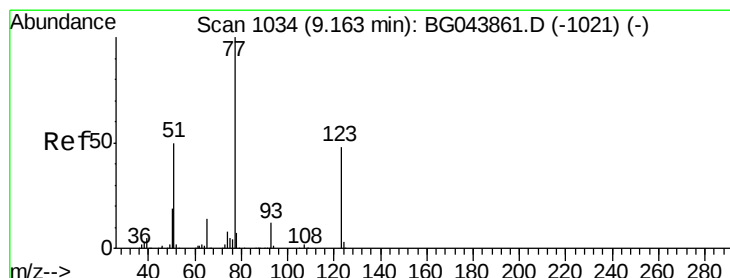
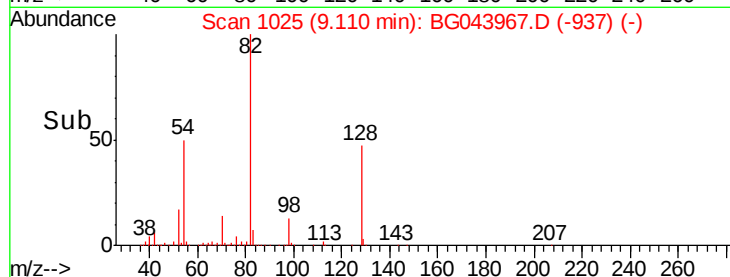
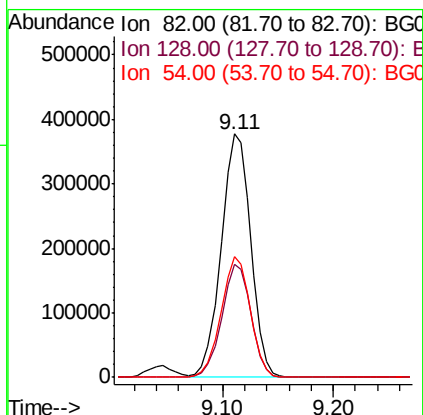
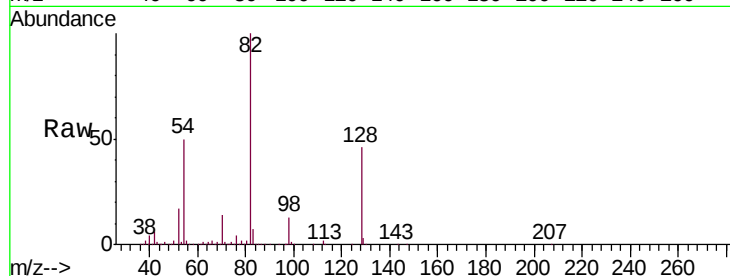




#23
 Nitrobenzene-d5
 Concen: 72.396 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG043967.D
 Acq: 8 Jan 2020 14:47

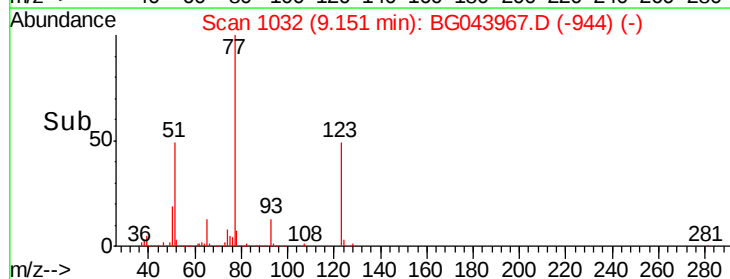
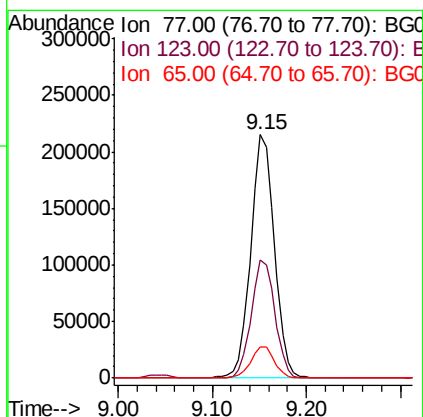
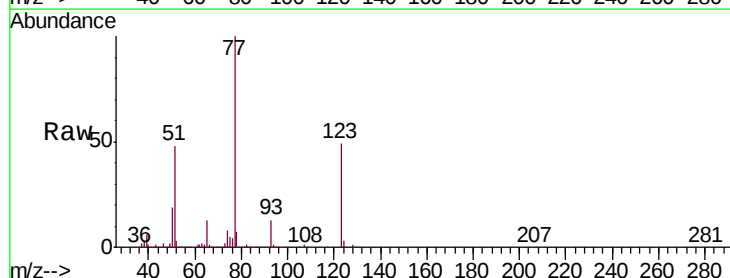
Instrument :
 BNA_G
 ClientSampleID :
 PB125926BS

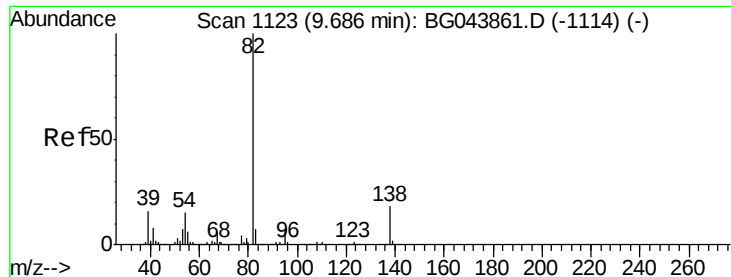
Tgt Ion: 82 Resp: 703374
 Ion Ratio Lower Upper
 82 100
 128 46.5 35.1 52.7
 54 49.6 40.1 60.1



#24
 Nitrobenzene
 Concen: 38.747 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG043967.D
 Acq: 8 Jan 2020 14:47

Tgt Ion: 77 Resp: 372846
 Ion Ratio Lower Upper
 77 100
 123 48.6 38.7 58.1
 65 12.5 11.1 16.7





#25

Isophorone

Concen: 39.220 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

Instrument :

BNA_G

ClientSampleId :

PB125926BS

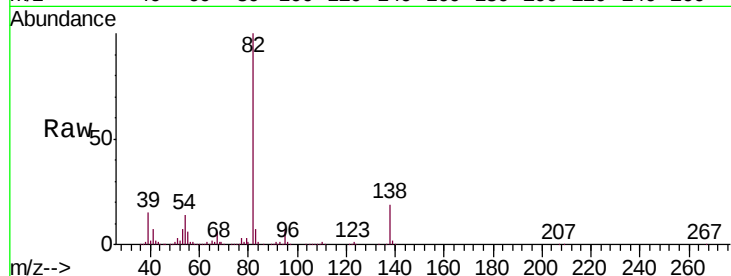
Tgt Ion: 82 Resp: 714895

Ion Ratio Lower Upper

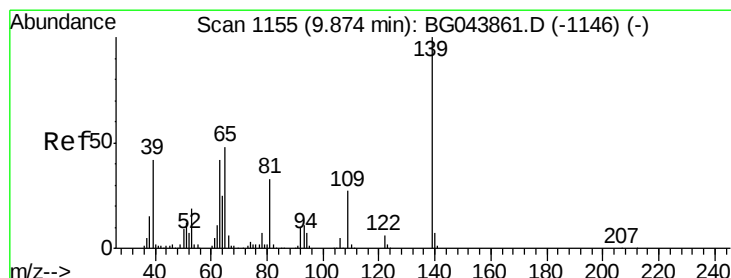
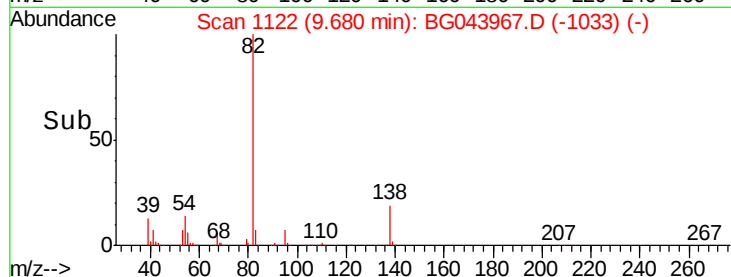
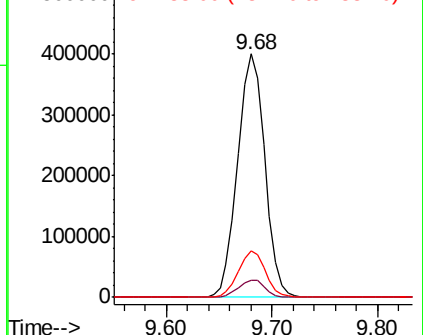
82 100

95 7.0 5.8 8.6

138 19.3 14.6 22.0



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



#26

2-Nitrophenol

Concen: 44.713 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

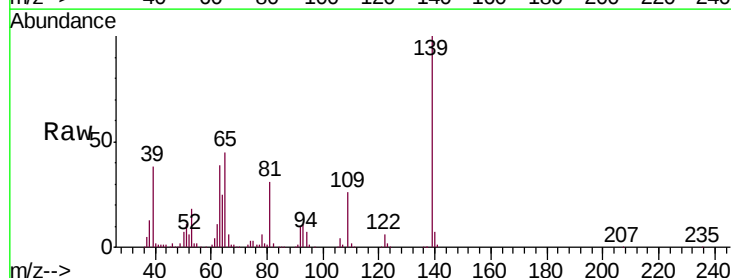
Tgt Ion: 139 Resp: 203560

Ion Ratio Lower Upper

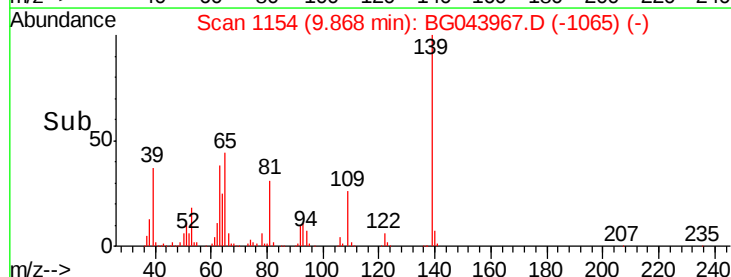
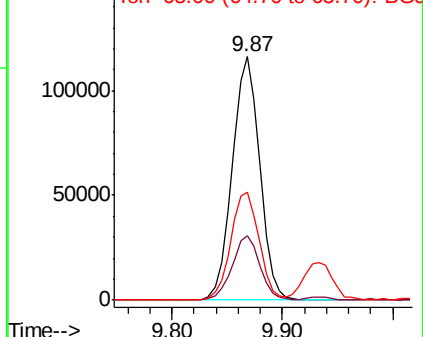
139 100

109 26.4 21.3 31.9

65 44.6 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

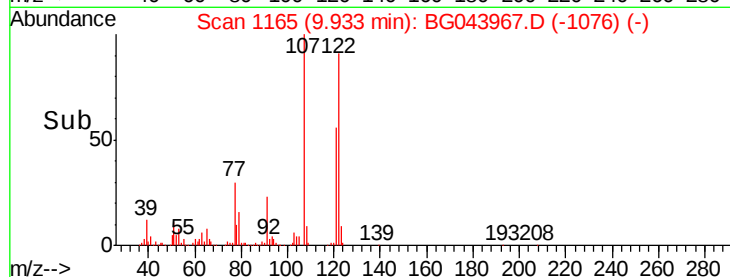
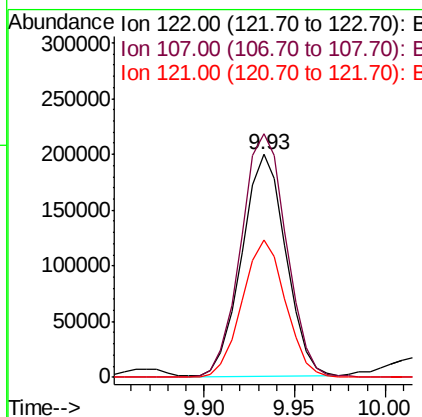
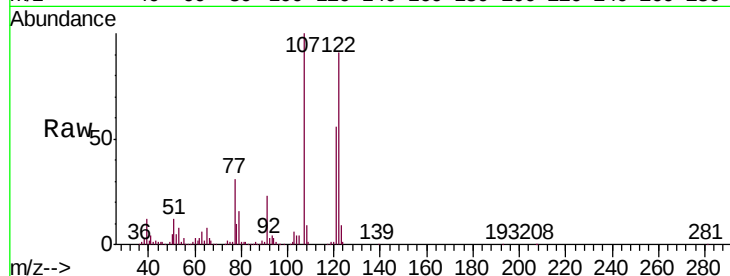




#27
 2,4-Dimethylphenol
 Concen: 48.962 ng
 RT: 9.93 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BG043967.D
 Acq: 8 Jan 2020 14:47

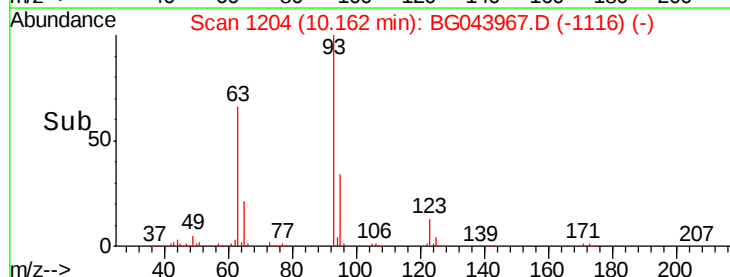
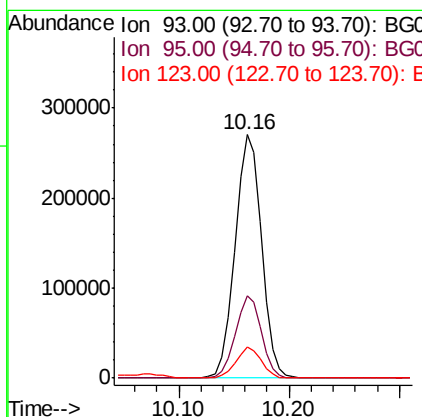
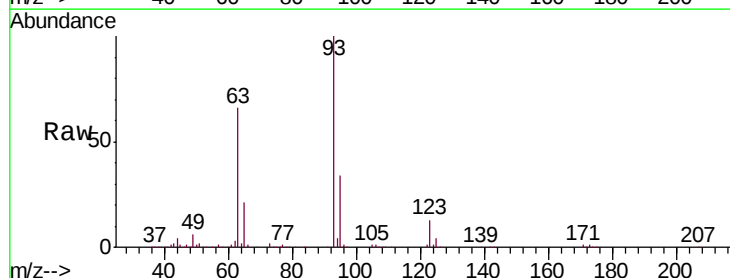
Instrument :
 BNA_G
 ClientSampleId :
 PB125926BS

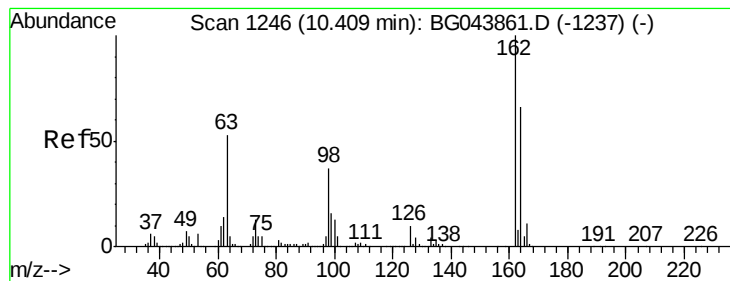
Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.4	88.0	132.0
121	61.5	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.446 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG043967.D
 Acq: 8 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	27.2	40.8
123	12.8	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 42.937 ng

RT: 10.41 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

Instrument :

BNA_G

ClientSampleId :

PB125926BS

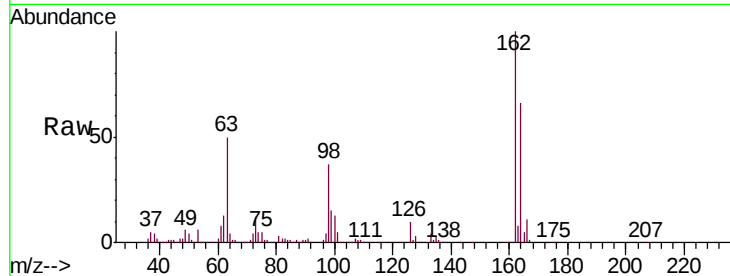
Tgt Ion:162 Resp: 350989

Ion Ratio Lower Upper

162 100

164 65.6 46.3 86.3

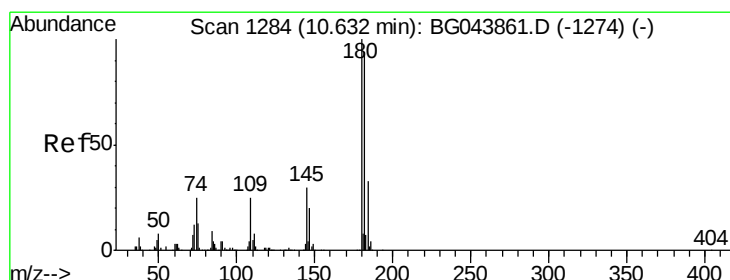
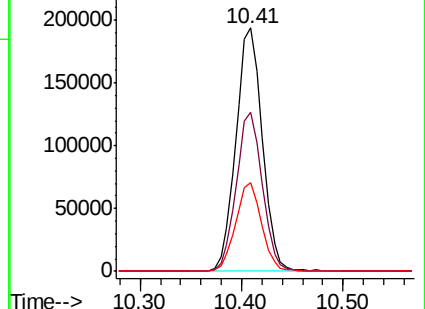
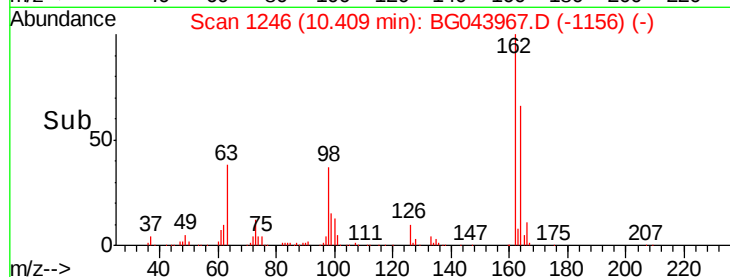
98 36.6 17.3 57.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 38.812 ng

RT: 10.62 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

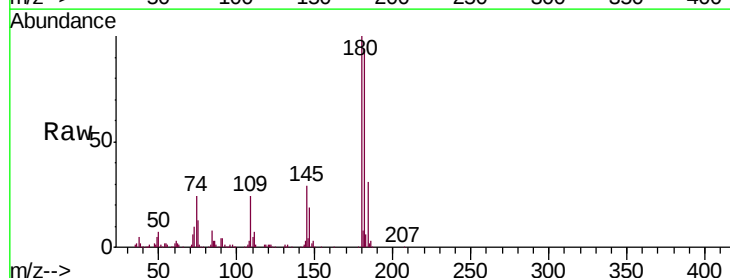
Tgt Ion:180 Resp: 355735

Ion Ratio Lower Upper

180 100

182 94.3 75.0 112.4

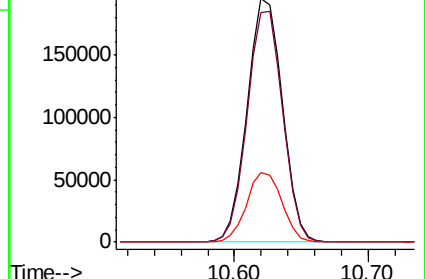
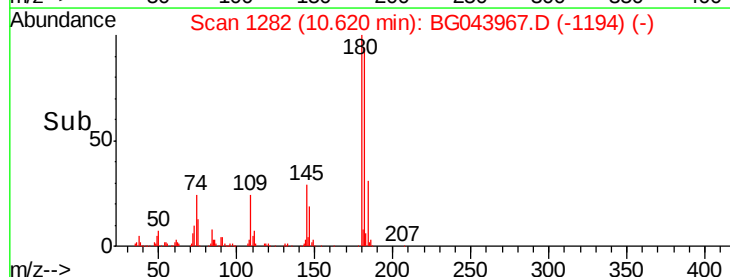
145 28.6 24.2 36.4



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

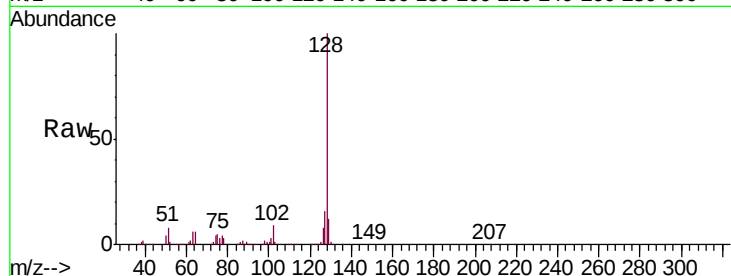




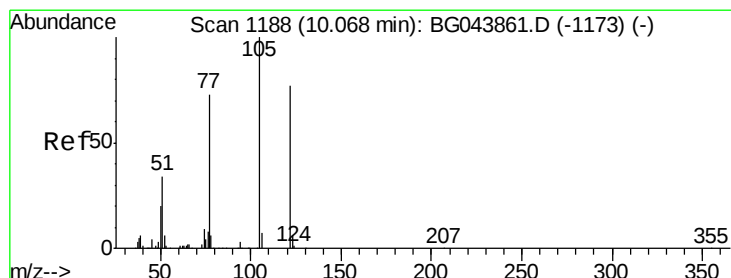
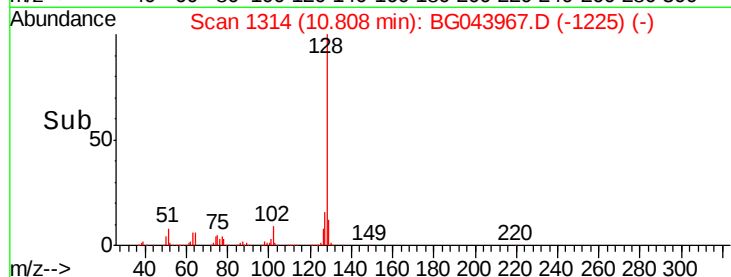
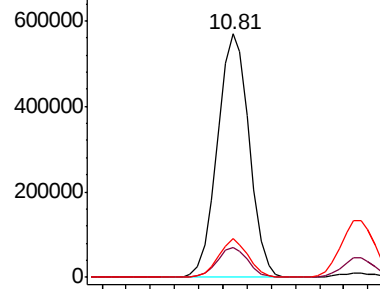
#31
Naphthalene
Concen: 41.338 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Instrument :
BNA_G
ClientSampleId :
PB125926BS

Tgt Ion:128 Resp: 1039712
Ion Ratio Lower Upper
128 100
129 12.3 9.8 14.6
127 15.8 12.0 18.0

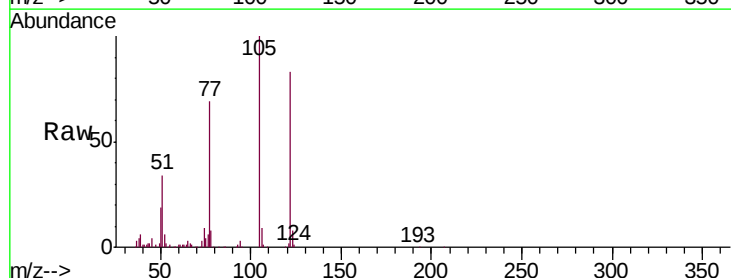


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

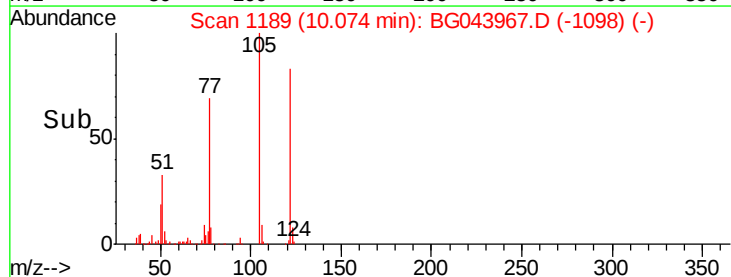
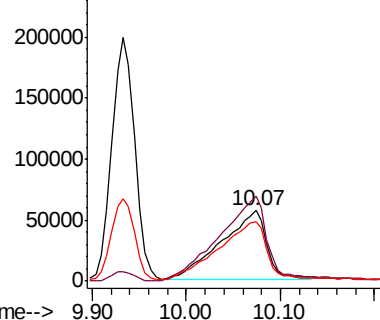


#32
Benzoic acid
Concen: 35.805 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Tgt Ion:122 Resp: 189612
Ion Ratio Lower Upper
122 100
105 120.4 106.4 146.4
77 83.4 74.6 114.6



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

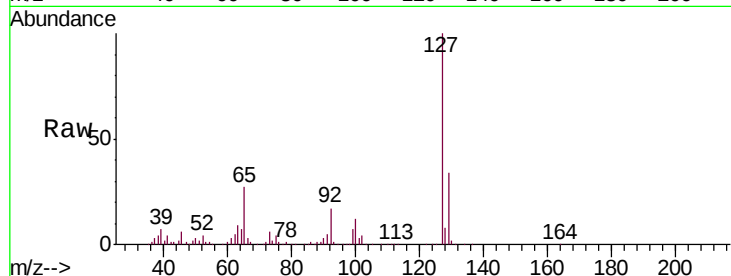




#33
4-Chloroaniline
Concen: 22.243 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Instrument :
BNA_G
ClientSampleId :
PB125926BS

Tgt Ion:	127	Resp:	266836
Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.6	40.0
65	26.9	23.3	34.9
92	17.1	14.7	22.1



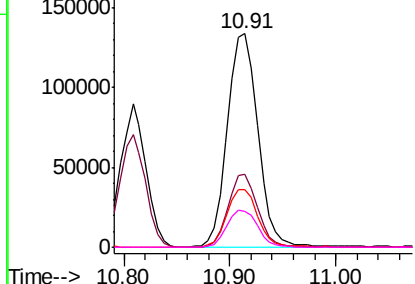
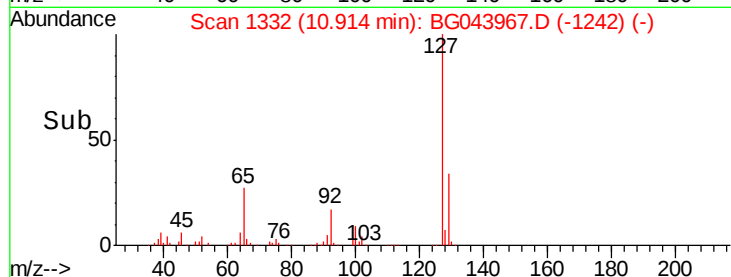
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

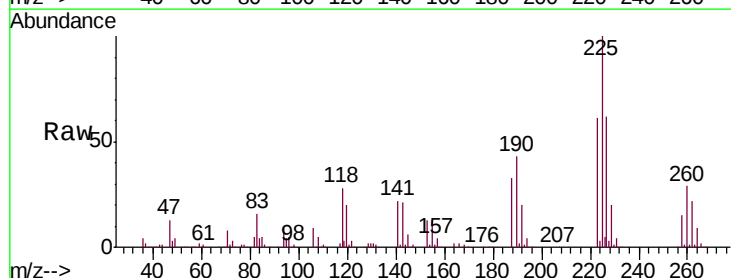
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.099 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Tgt Ion:	225	Resp:	207609
Ion	Ratio	Lower	Upper
225	100		
223	61.0	52.2	78.4
227	62.0	52.1	78.1

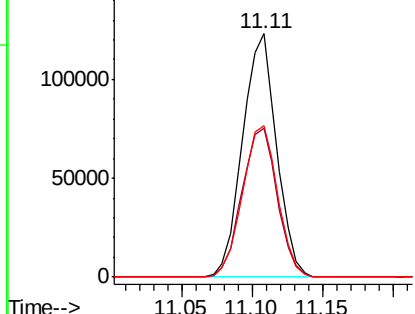
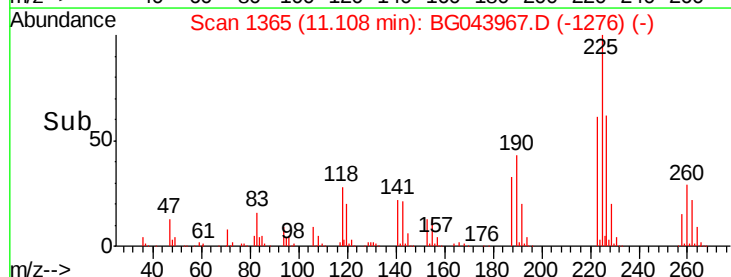


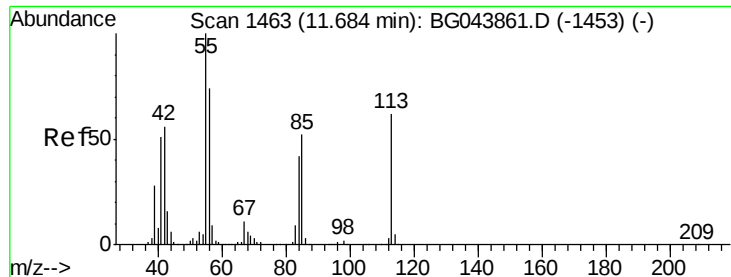
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.011 ng

RT: 11.68 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

Instrument :

BNA_G

ClientSampleId :

PB125926BS

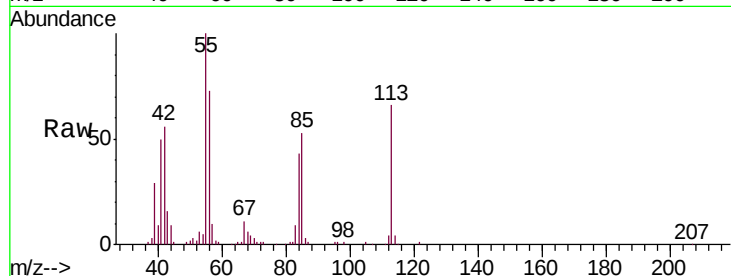
Tgt Ion:113 Resp: 70026

Ion Ratio Lower Upper

113 100

55 152.3 142.5 182.5

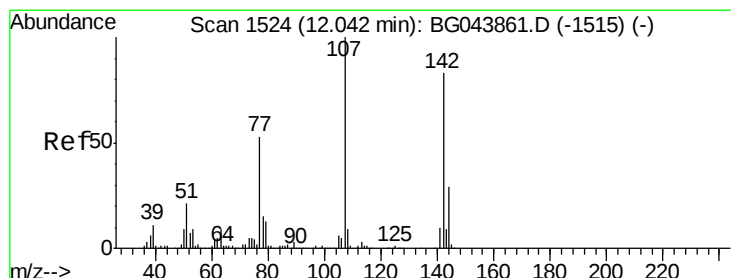
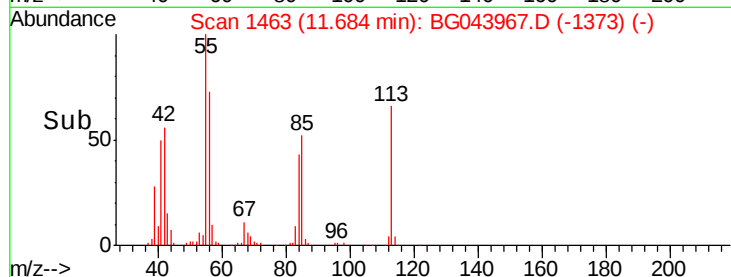
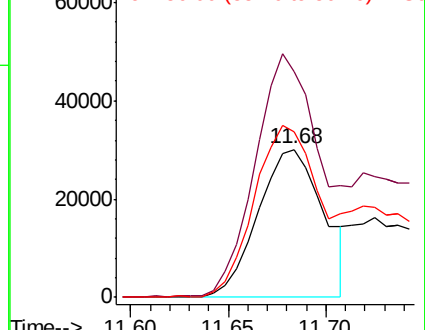
56 111.4 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.117 ng

RT: 12.04 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

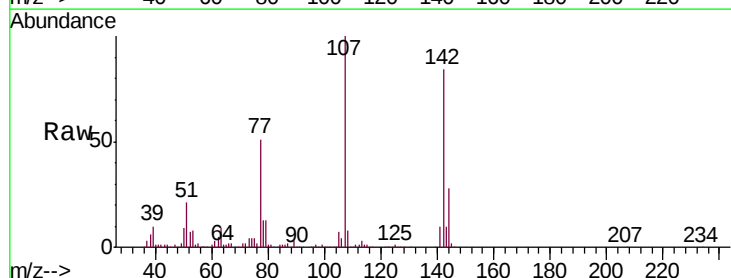
Tgt Ion:107 Resp: 366515

Ion Ratio Lower Upper

107 100

144 27.8 23.4 35.2

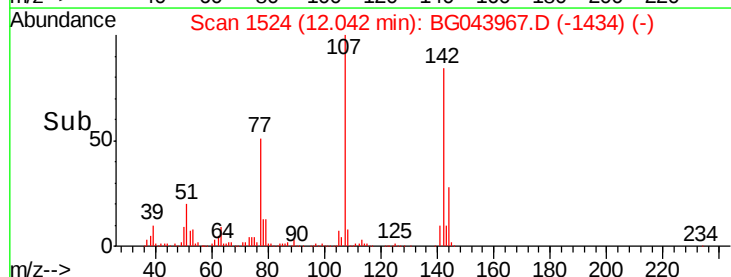
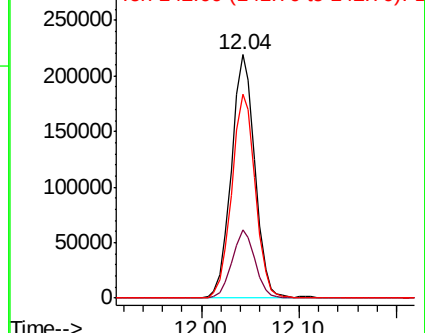
142 84.0 66.3 99.5



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.412 ng

RT: 12.42 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

Instrument :

BNA_G

ClientSampleId :

PB125926BS

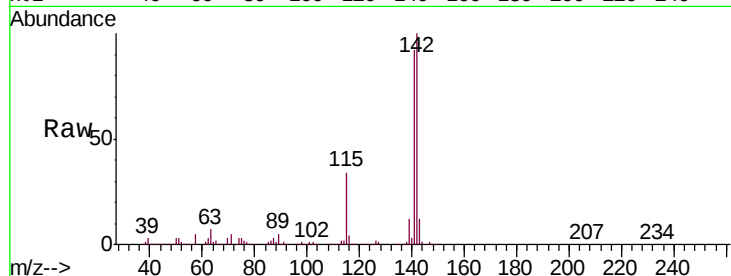
Tgt Ion:142 Resp: 765216

Ion Ratio Lower Upper

142 100

141 92.3 75.8 113.8

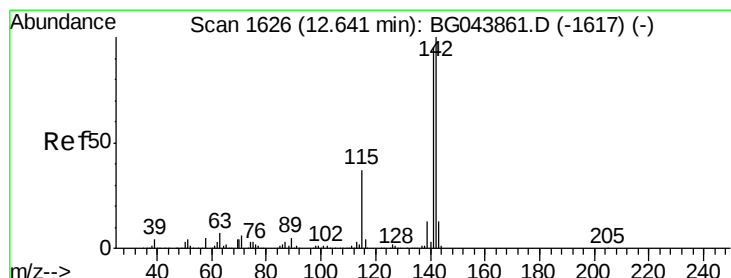
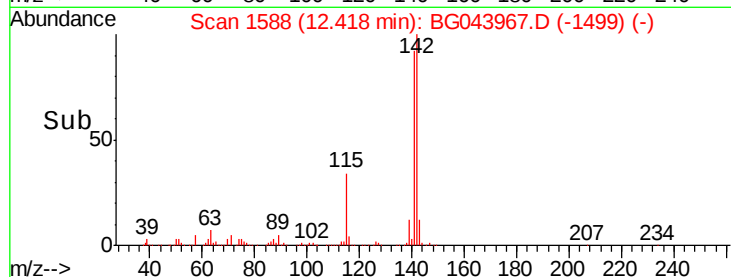
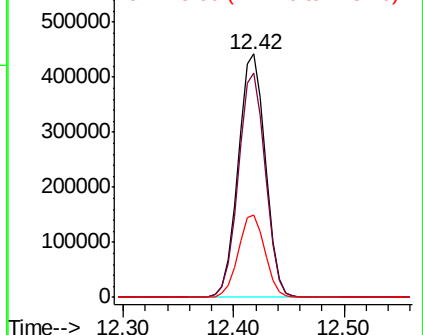
115 34.0 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.812 ng

RT: 12.64 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

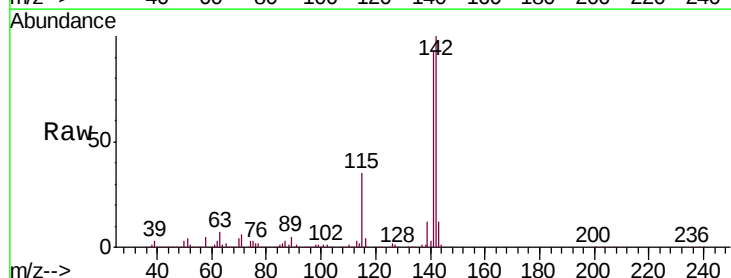
Tgt Ion:142 Resp: 732426

Ion Ratio Lower Upper

142 100

141 93.2 76.0 114.0

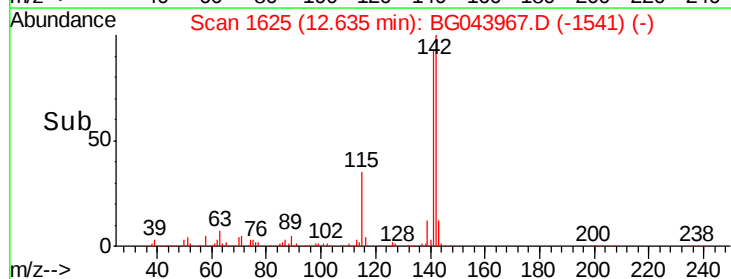
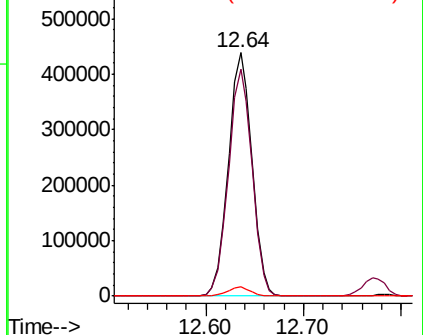
116 3.8 3.1 4.7

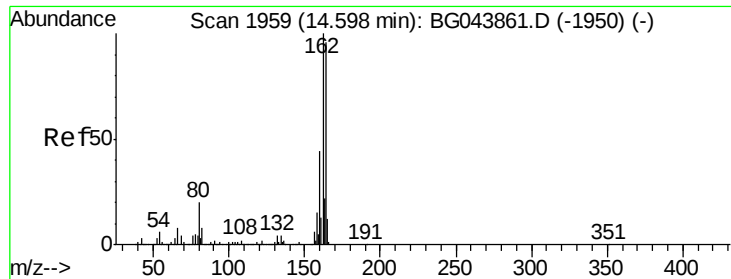


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

Instrument :

BNA_G

ClientSampleId :

PB125926BS

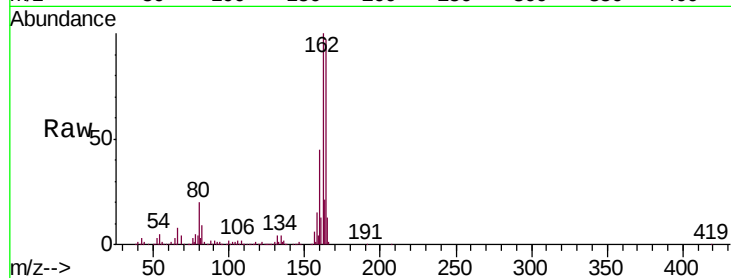
Tgt Ion:164 Resp: 332942

Ion Ratio Lower Upper

164 100

162 102.6 83.0 124.4

160 45.7 36.1 54.1

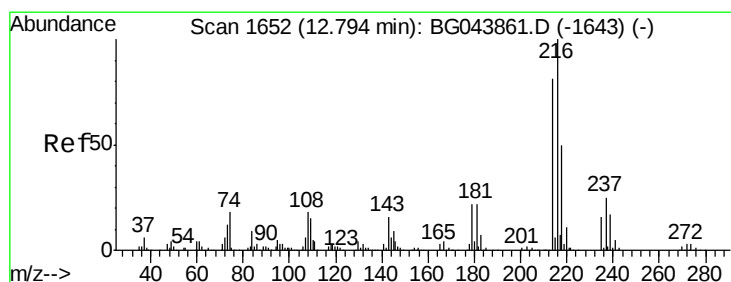
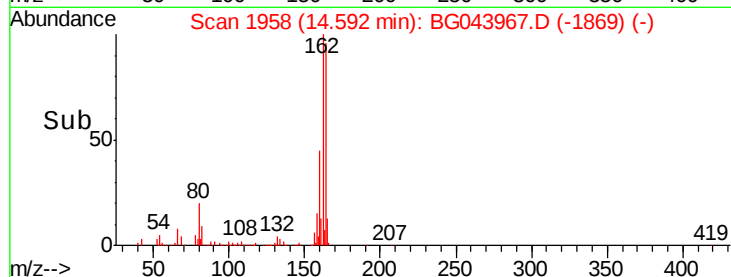
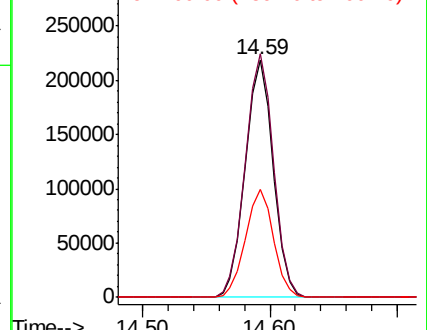


Abundance

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: 37.017 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

Tgt Ion:216 Resp: 361232

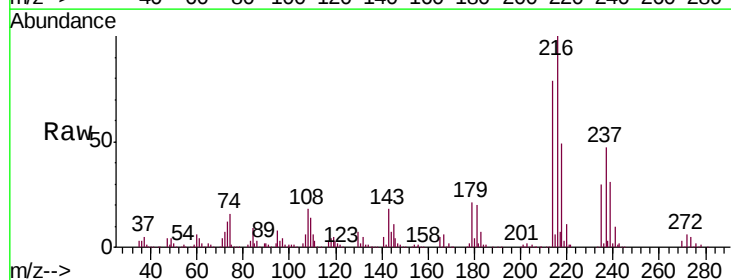
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.8

179 21.4 17.3 25.9

108 20.2 15.3 22.9



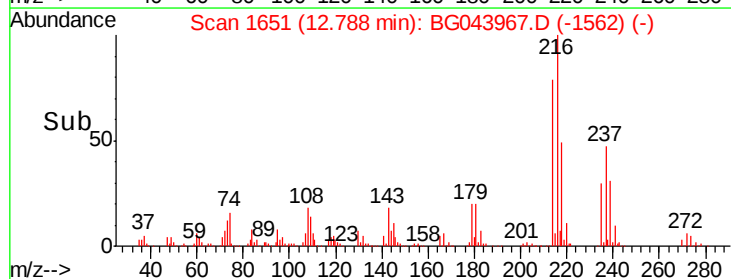
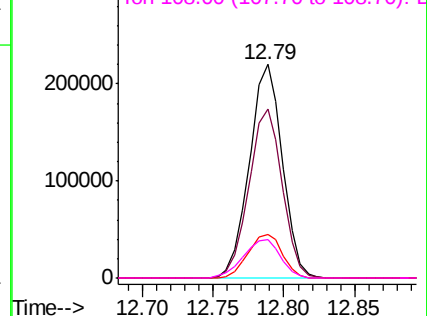
Abundance

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

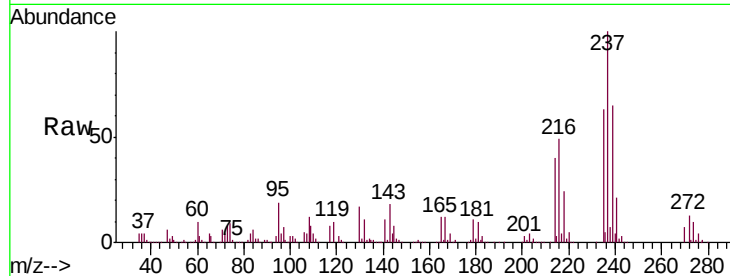




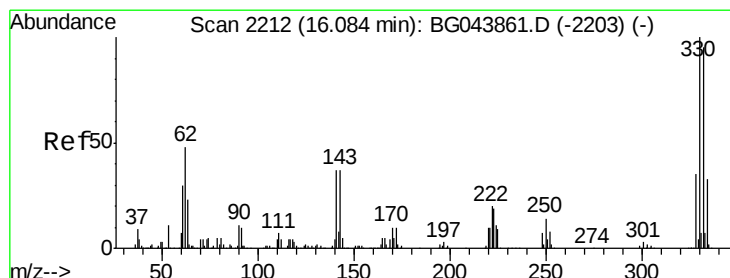
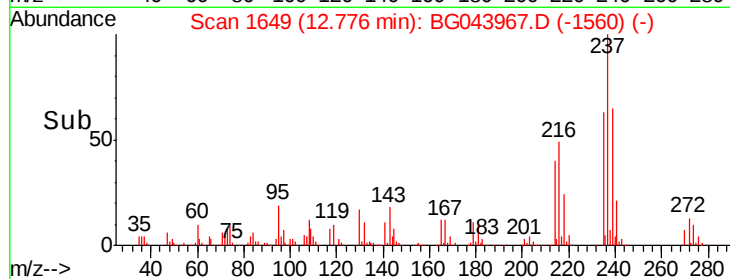
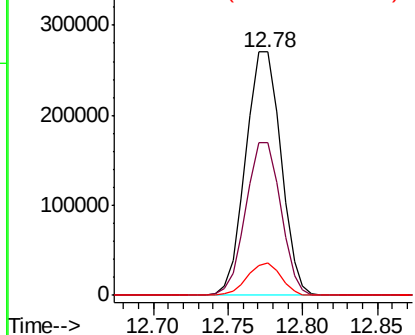
#41
Hexachlorocyclopentadiene
Concen: 87.578 ng
RT: 12.78 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Instrument :
BNA_G
ClientSampleId :
PB125926BS

Tgt Ion: 237 Resp: 443073
Ion Ratio Lower Upper
237 100
235 62.8 41.1 81.1
272 13.1 0.0 31.7

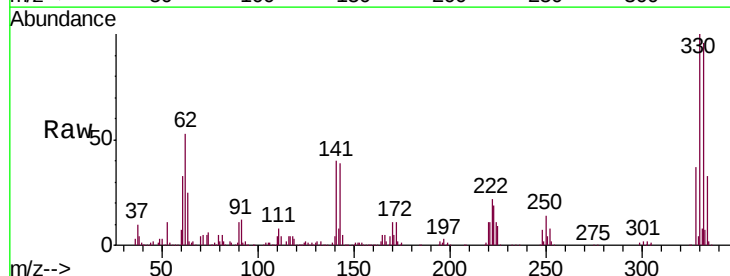


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

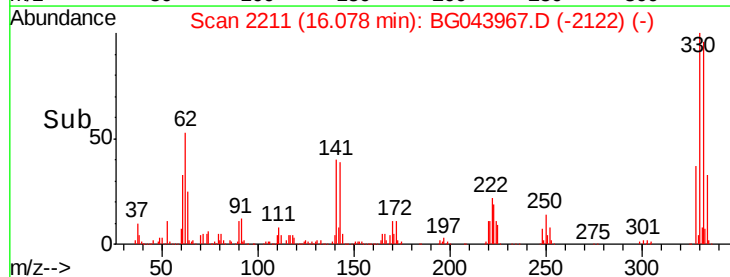
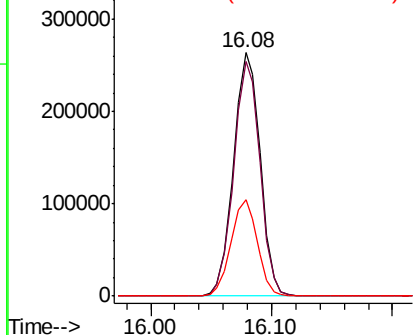


#42
2,4,6-Tribromophenol
Concen: 116.448 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Tgt Ion: 330 Resp: 405726
Ion Ratio Lower Upper
330 100
332 95.1 77.2 115.8
141 39.3 33.1 49.7



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

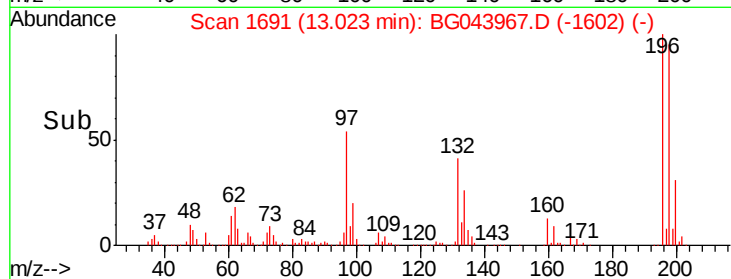
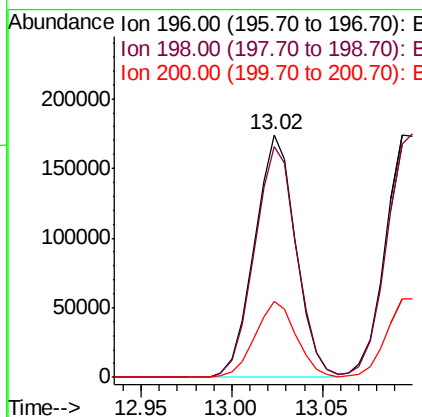
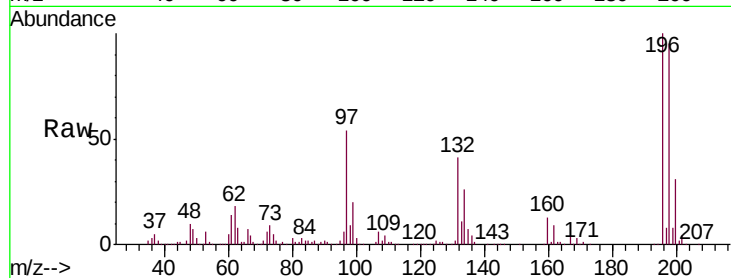




#43
 2,4,6-Trichlorophenol
 Concen: 41.299 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG043967.D
 Acq: 8 Jan 2020 14:47

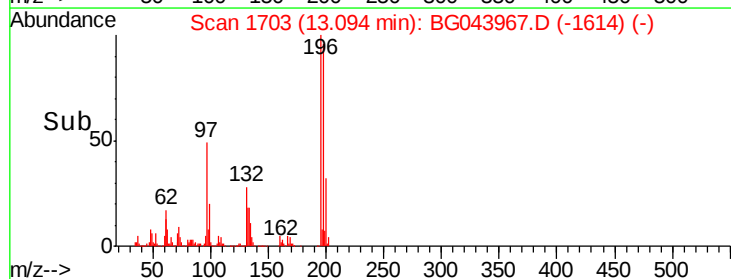
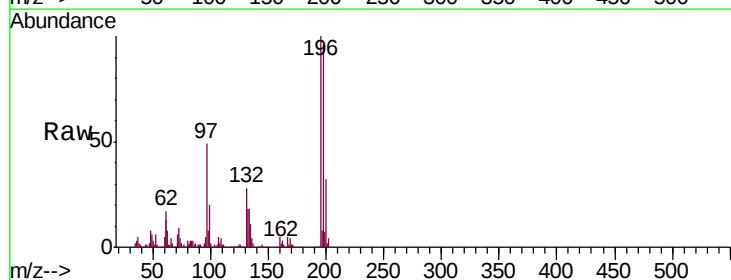
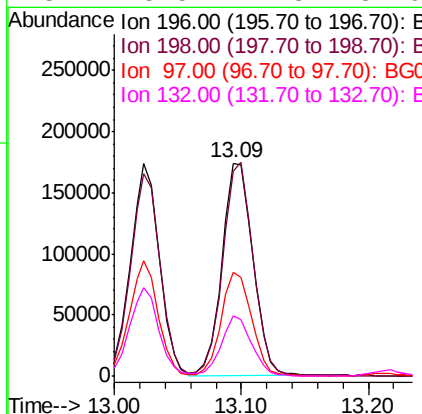
Instrument :
 BNA_G
 ClientSampleId :
 PB125926BS

Tgt Ion:196 Resp: 277308
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.6 115.0
 200 31.4 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.362 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG043967.D
 Acq: 8 Jan 2020 14:47

Tgt Ion:196 Resp: 293373
 Ion Ratio Lower Upper
 196 100
 198 96.3 78.3 117.5
 97 48.9 38.8 58.2
 132 28.5 21.3 31.9





#45

2-Fluorobiphenyl

Concen: 81.677 ng

RT: 13.22 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

Instrument :

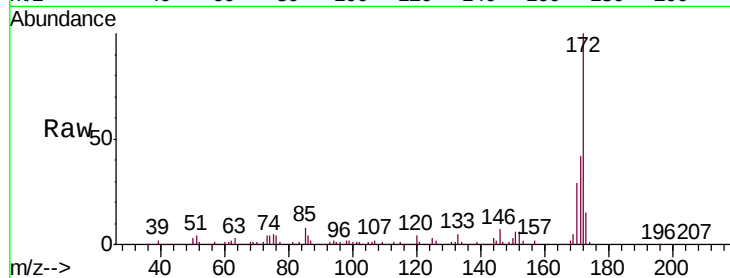
BNA_G

ClientSampleId :

PB125926BS

Tgt Ion:172 Resp: 1500947

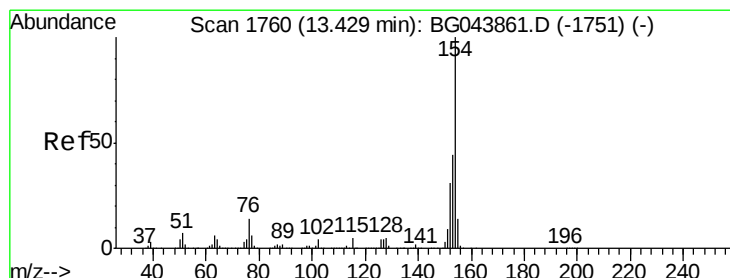
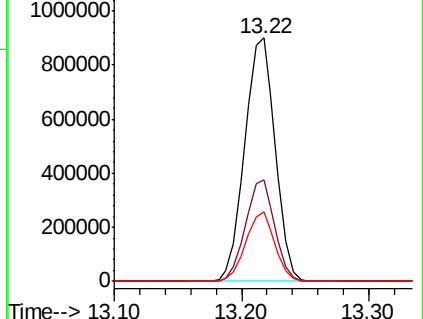
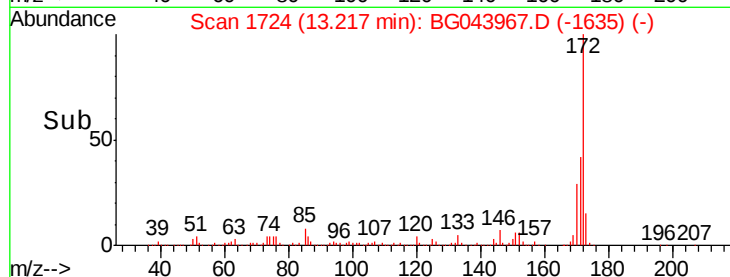
Ion	Ratio	Lower	Upper
172	100		
171	41.7	35.8	53.8
170	28.6	24.2	36.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.159 ng

RT: 13.42 min Scan# 1759

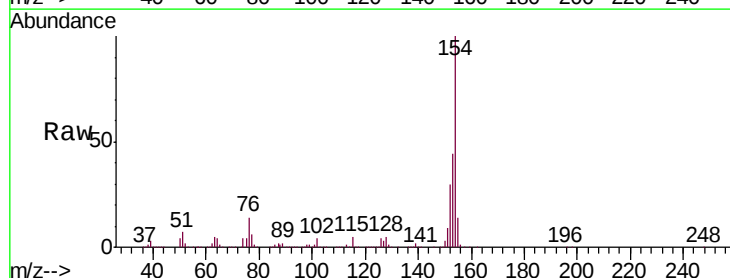
Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

Tgt Ion:154 Resp: 958660

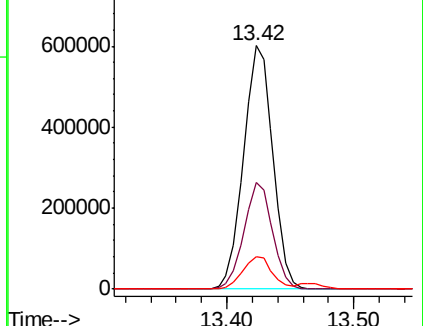
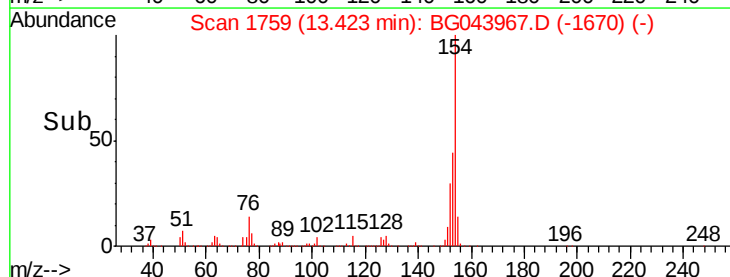
Ion	Ratio	Lower	Upper
154	100		
153	43.9	23.6	63.6
76	13.5	0.0	34.4

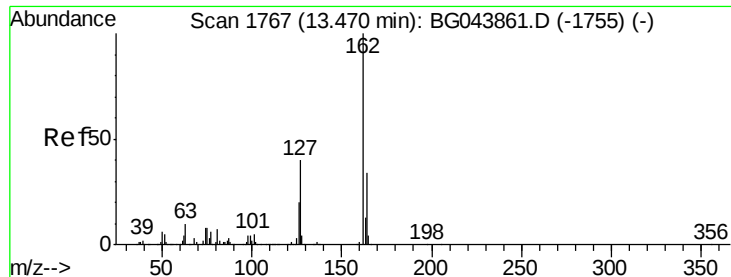


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

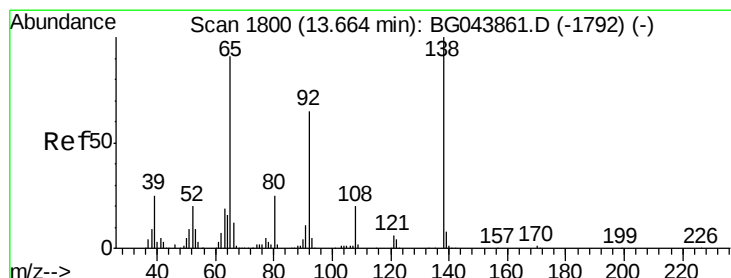
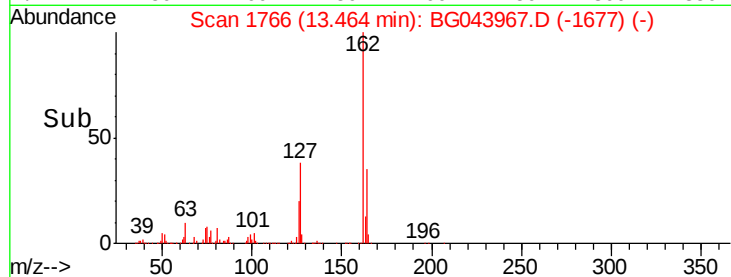
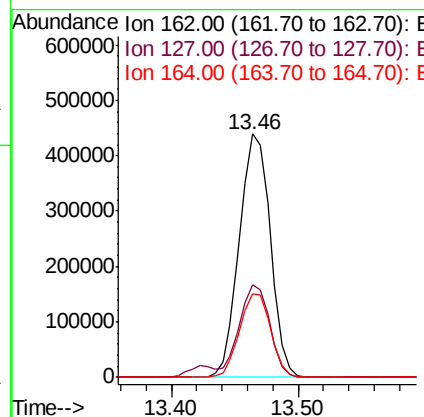
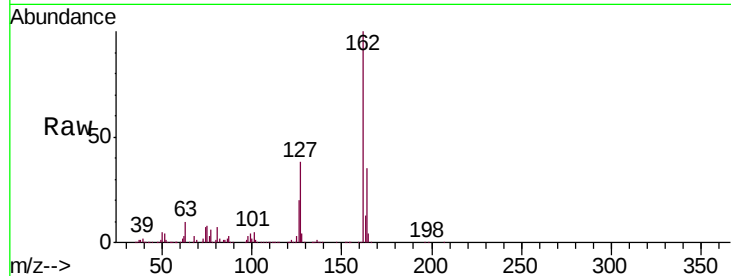




#47
 2-Chloronaphthalene
 Concen: 38.573 ng
 RT: 13.46 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BG043967.D
 Acq: 8 Jan 2020 14:47

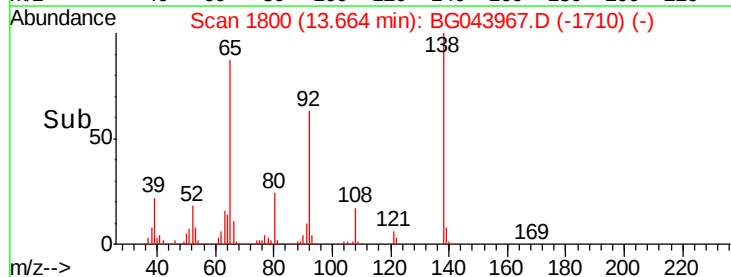
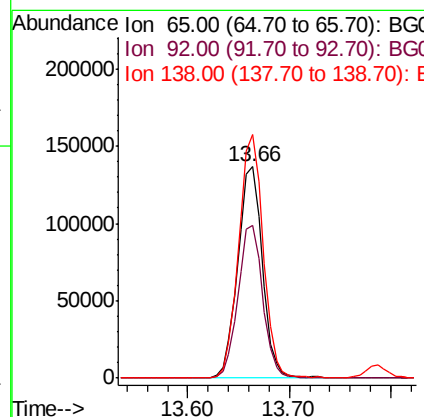
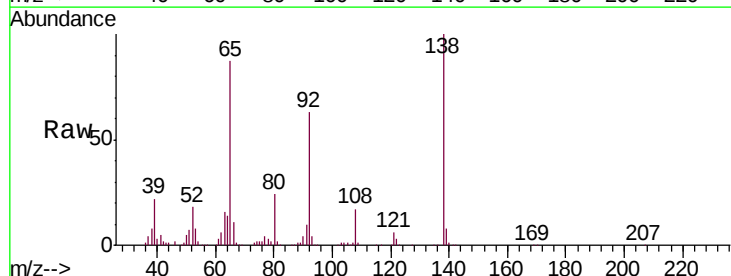
Instrument :
 BNA_G
 ClientSampleId :
 PB125926BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	32.1	48.1
164	34.6	27.5	41.3



#48
 2-Nitroaniline
 Concen: 37.357 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG043967.D
 Acq: 8 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	57.4	86.2
138	115.3	88.2	132.4





#49

Acenaphthylene

Concen: 41.900 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

Instrument :

BNA_G

ClientSampleId :

PB125926BS

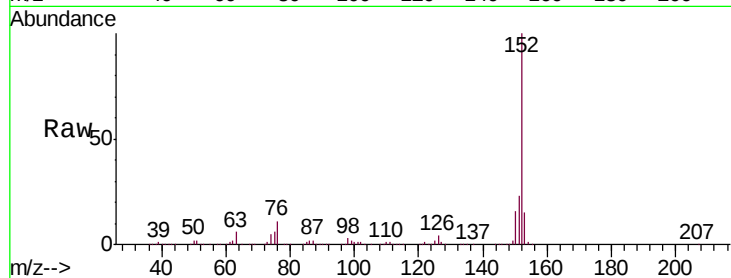
Tgt Ion:152 Resp: 1161675

Ion Ratio Lower Upper

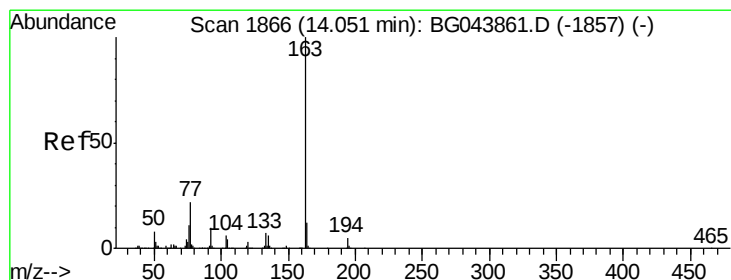
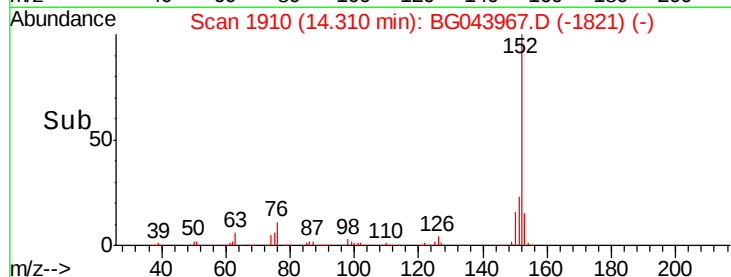
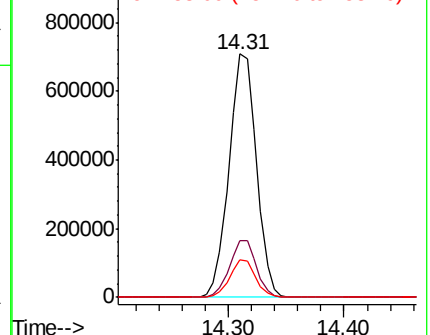
152 100

151 23.4 19.4 29.2

153 15.2 12.0 18.0



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



#50

Dimethylphthalate

Concen: 40.122 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

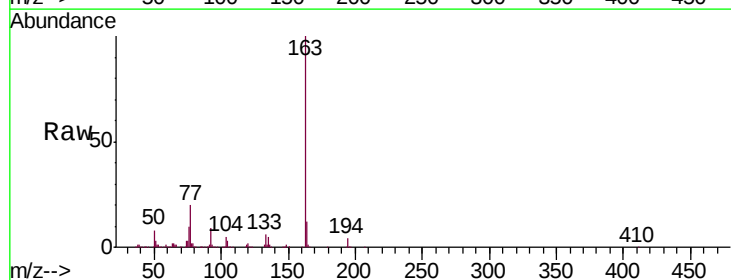
Tgt Ion:163 Resp: 948481

Ion Ratio Lower Upper

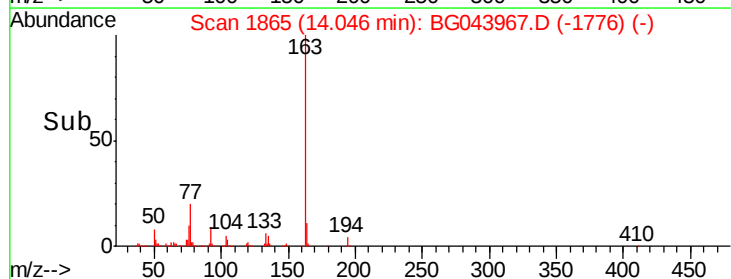
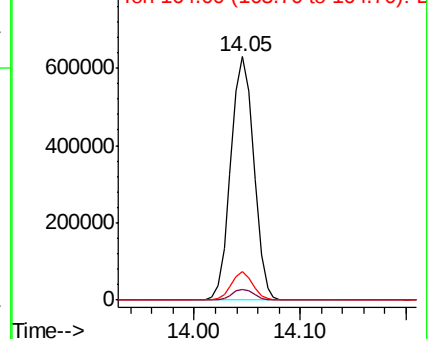
163 100

194 4.3 3.7 5.5

164 11.5 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

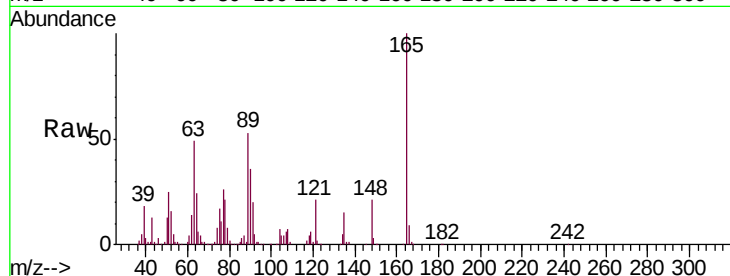




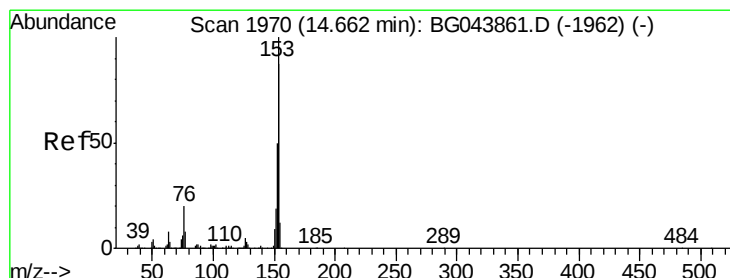
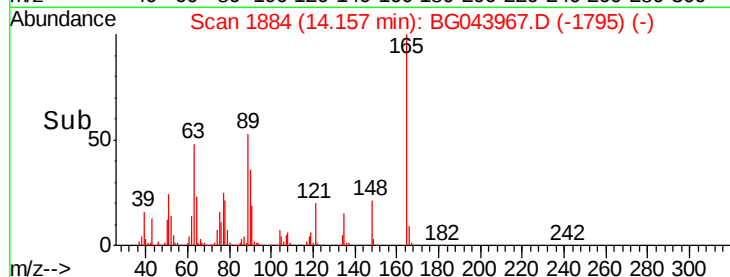
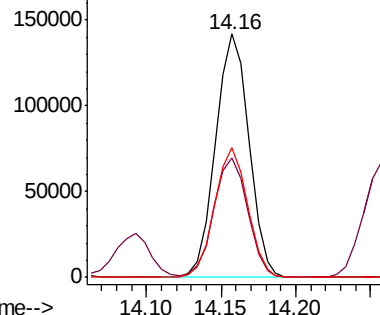
#51
2,6-Dinitrotoluene
Concen: 40.886 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Instrument :
BNA_G
ClientSampleId :
PB125926BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.1	43.1	64.7
89	53.3	43.8	65.6

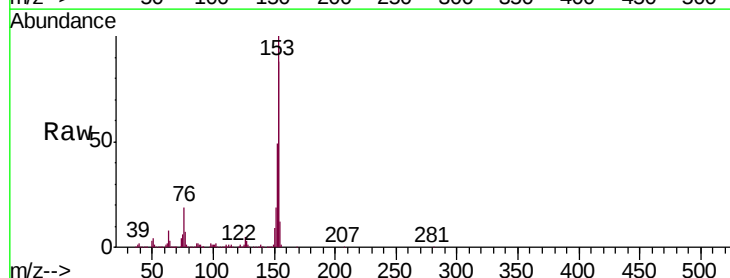


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

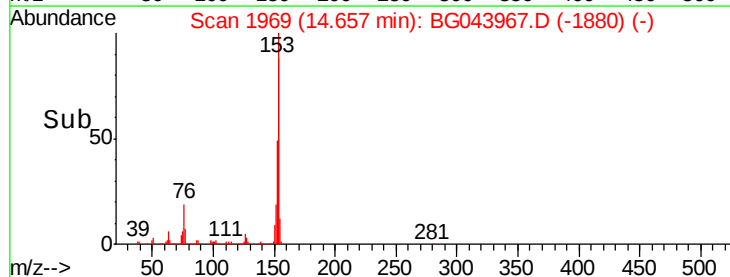
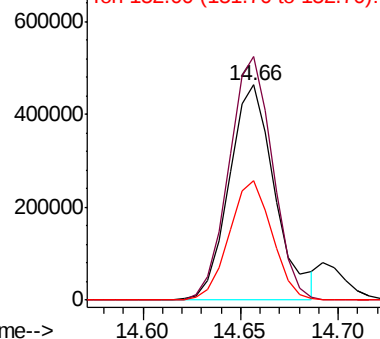


#52
Acenaphthene
Concen: 38.491 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.6	137.4
152	55.7	45.4	68.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

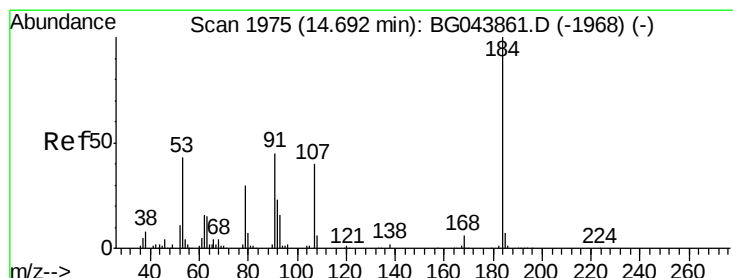
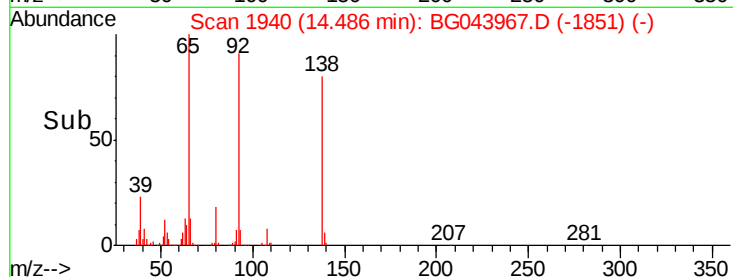
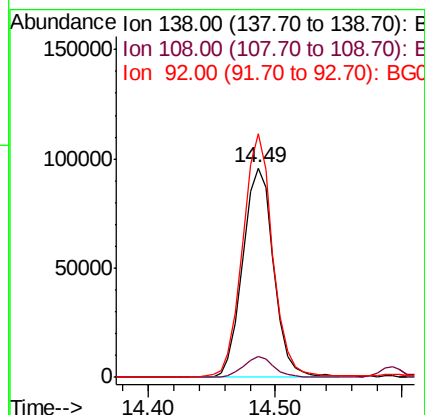
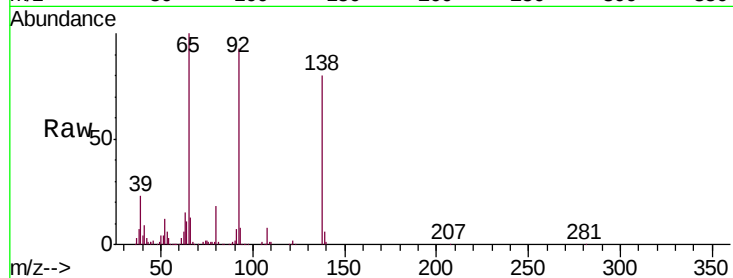




#53
3-Nitroaniline
Concen: 26.826 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

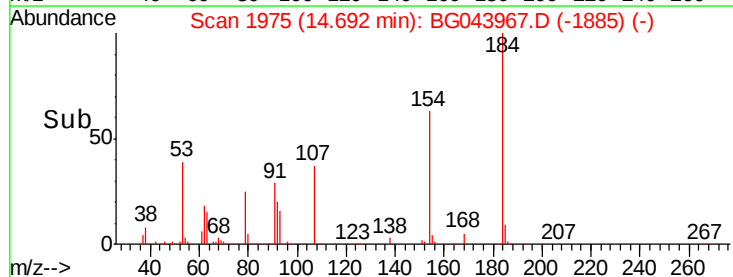
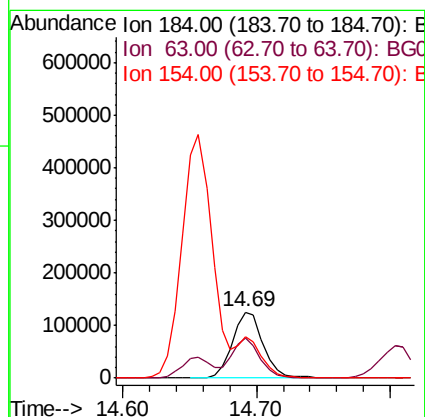
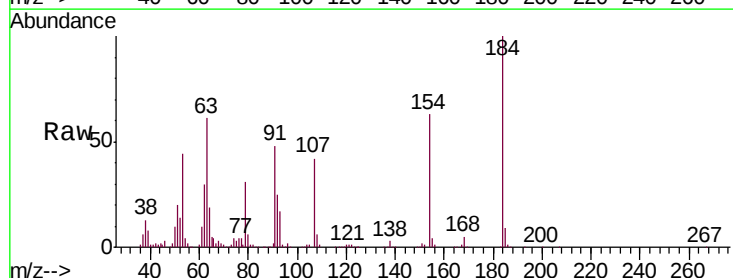
Instrument :
BNA_G
ClientSampleId :
PB125926BS

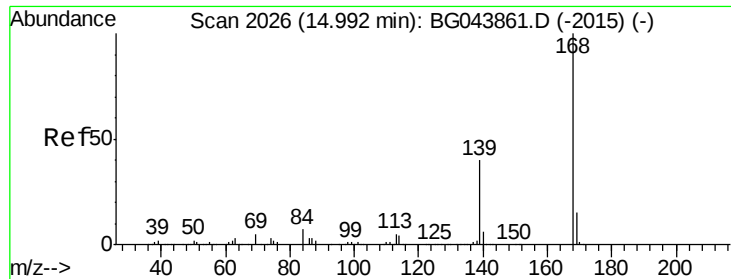
Tgt Ion:138 Resp: 162770
Ion Ratio Lower Upper
138 100
108 10.2 7.4 11.2
92 116.3 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 74.591 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Tgt Ion:184 Resp: 201962
Ion Ratio Lower Upper
184 100
63 60.8 46.6 70.0
154 63.3 50.2 75.4

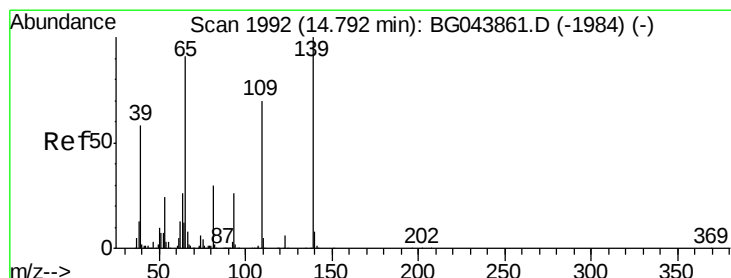
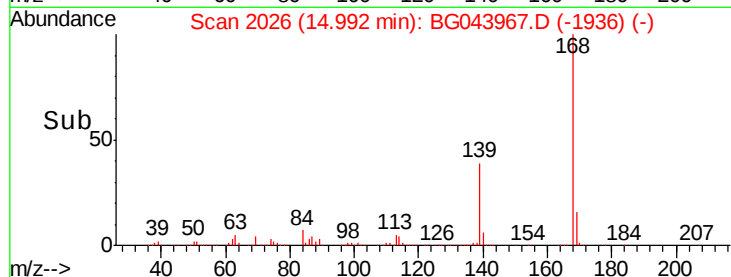
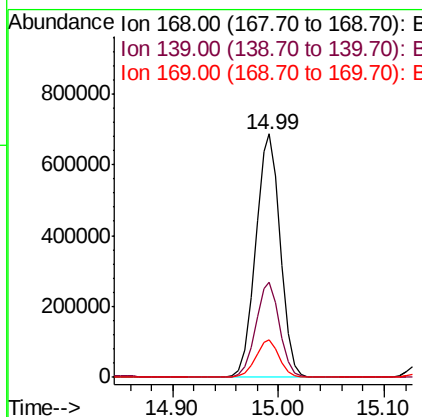
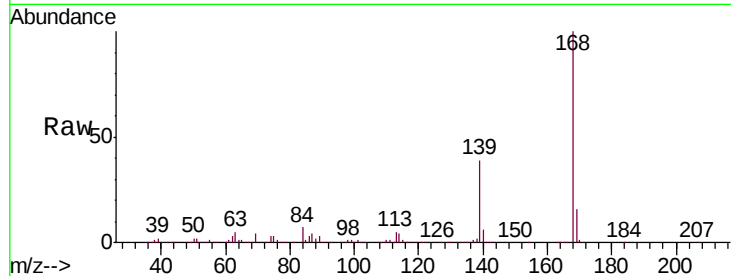




#55
Dibenzenofuran
Concen: 41.383 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

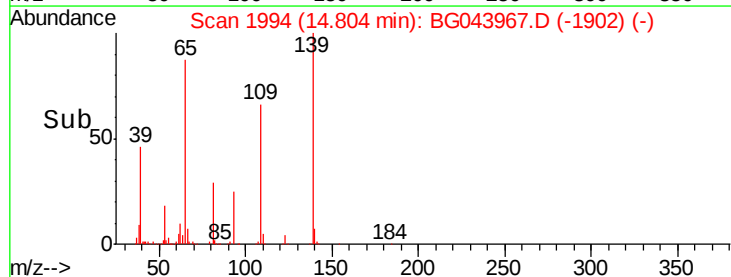
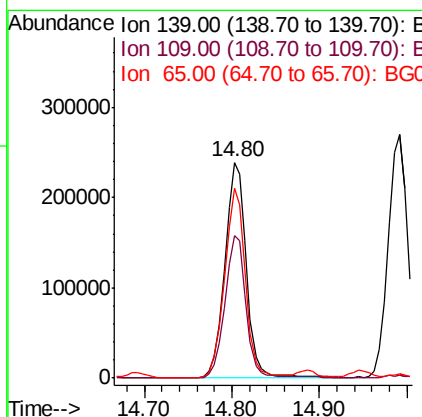
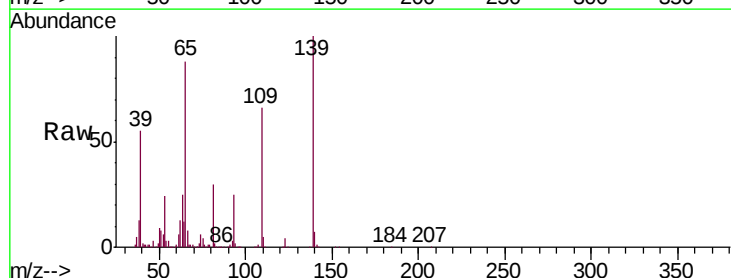
Instrument :
BNA_G
ClientSampleId :
PB125926BS

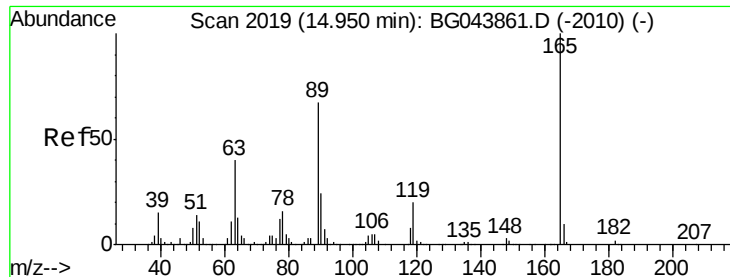
Tgt Ion:168 Resp: 1107639
Ion Ratio Lower Upper
168 100
139 39.3 32.2 48.2
169 15.5 12.2 18.2



#56
4-Nitrophenol
Concen: 87.039 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Tgt Ion:139 Resp: 404706
Ion Ratio Lower Upper
139 100
109 65.8 50.4 90.4
65 88.3 71.4 111.4

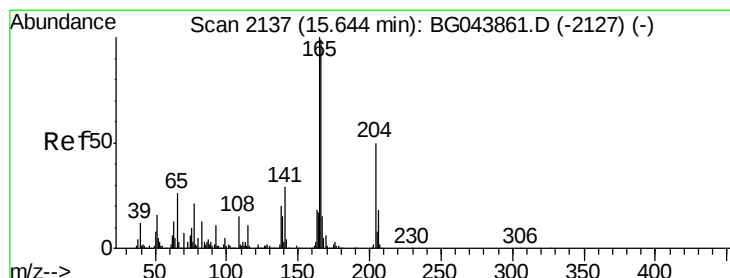
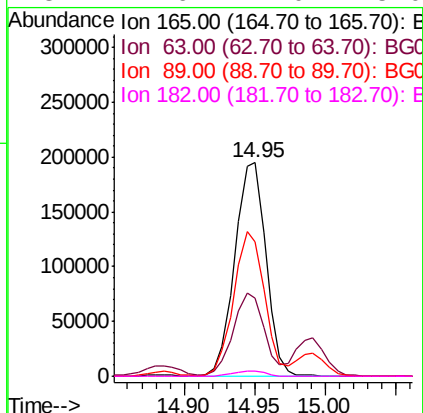
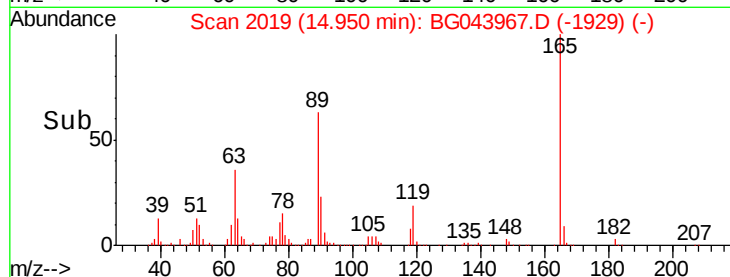
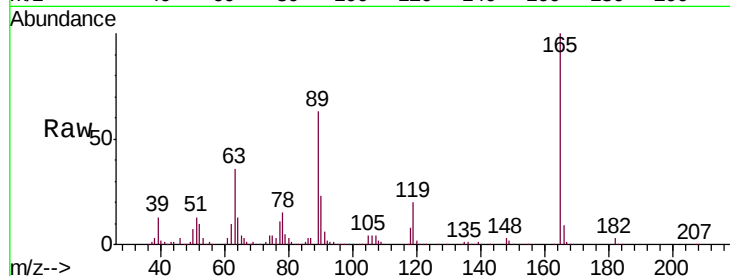




#57
2,4-Dinitrotoluene
Concen: 41.423 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

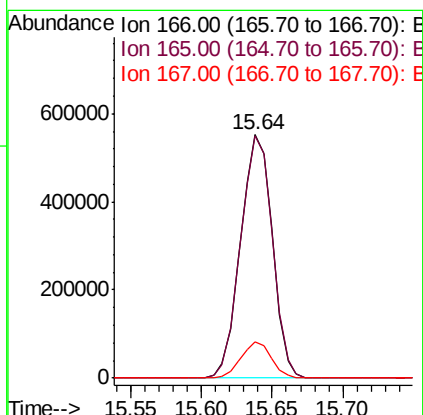
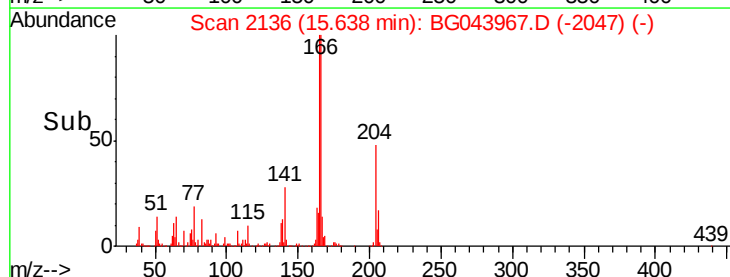
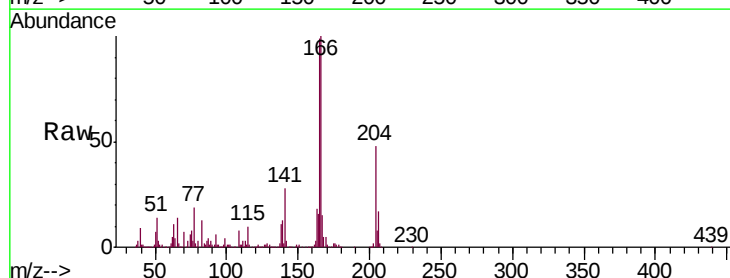
Instrument :
BNA_G
ClientSampleId :
PB125926BS

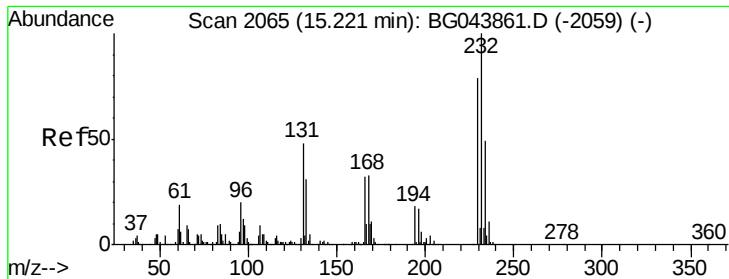
Tgt Ion:165 Resp: 301170
Ion Ratio Lower Upper
165 100
63 36.4 31.9 47.9
89 62.7 53.8 80.6
182 2.6 2.0 3.0



#58
Fluorene
Concen: 40.972 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Tgt Ion:166 Resp: 869209
Ion Ratio Lower Upper
166 100
165 99.3 80.8 121.2
167 14.7 12.1 18.1

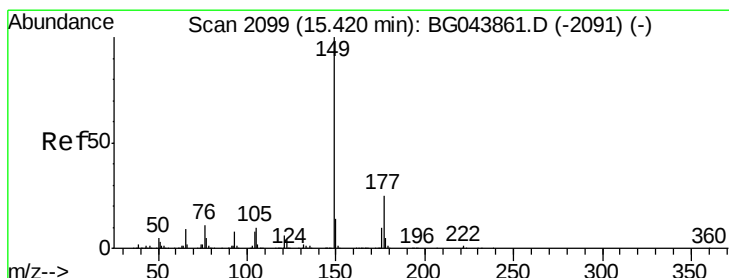
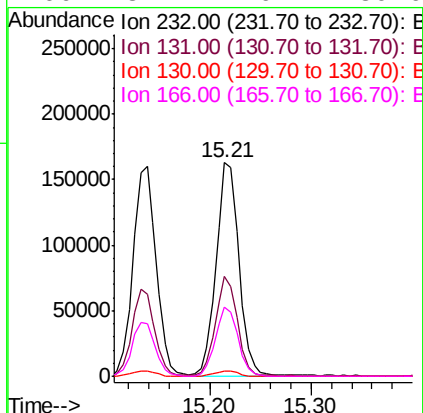
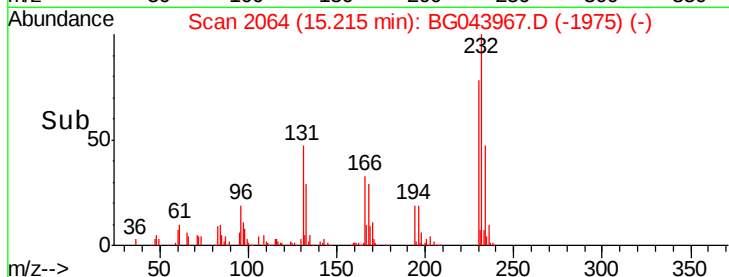
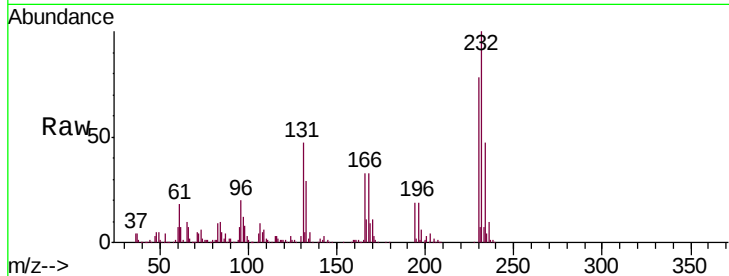




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.681 ng
RT: 15.21 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

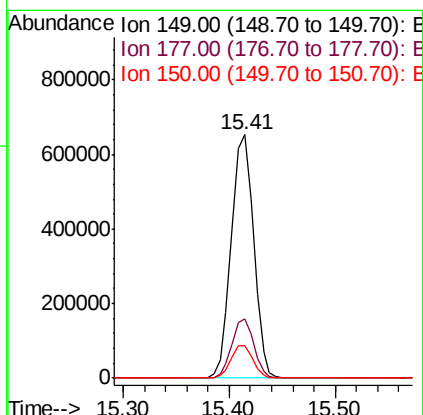
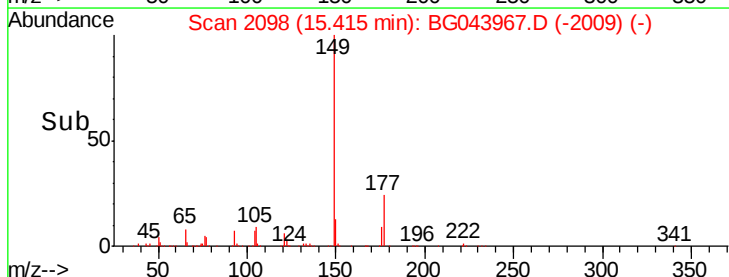
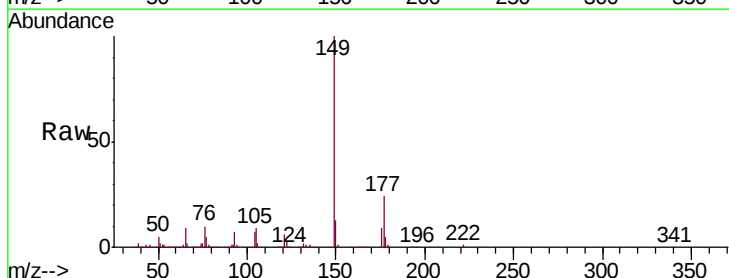
Instrument :
BNA_G
ClientSampleId :
PB125926BS

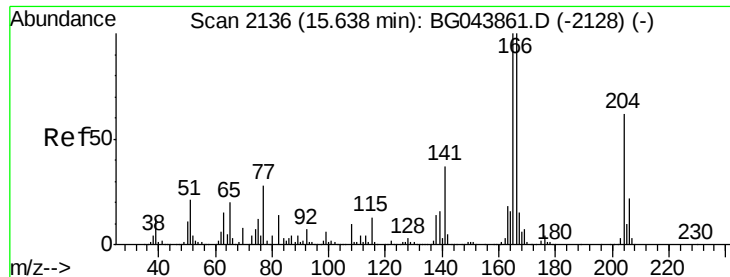
Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.2	38.2	57.2
130	2.5	2.2	3.2
166	31.7	26.4	39.6



#60
Diethylphthalate
Concen: 40.247 ng
RT: 15.41 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	20.0	30.0
150	13.2	11.1	16.7

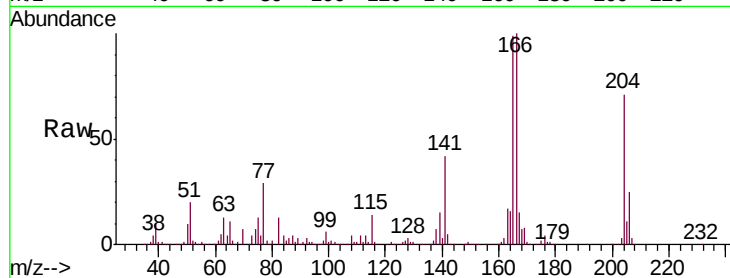




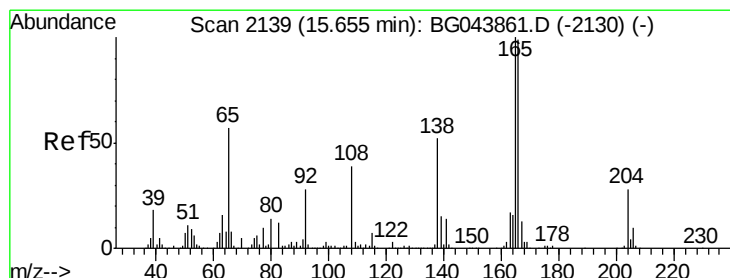
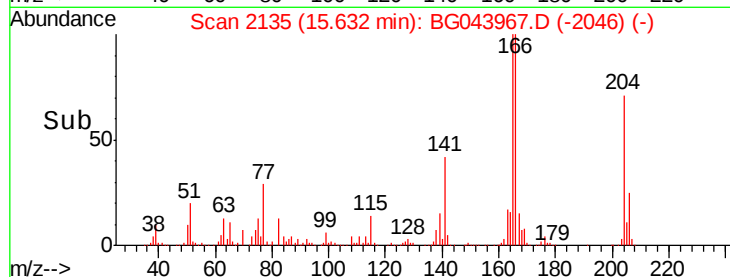
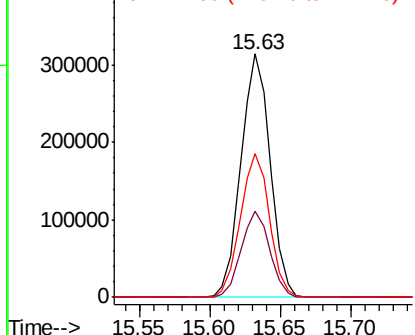
#61
4-Chlorophenyl-phenylether
Concen: 39.406 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Instrument :
BNA_G
ClientSampleId :
PB125926BS

Tgt Ion:204 Resp: 453933
Ion Ratio Lower Upper
204 100
206 35.2 28.2 42.2
141 58.8 48.2 72.2

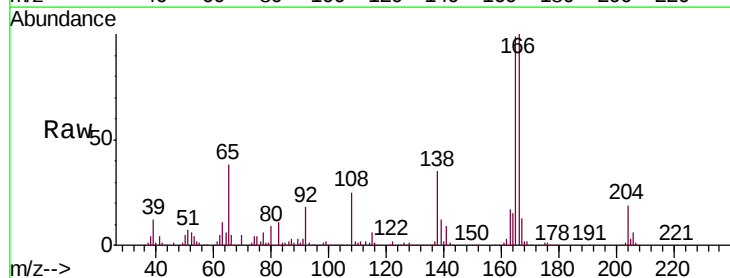


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

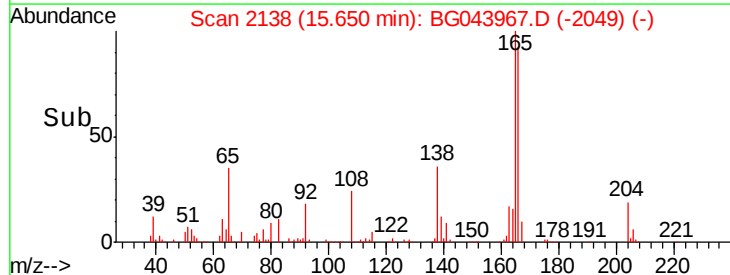
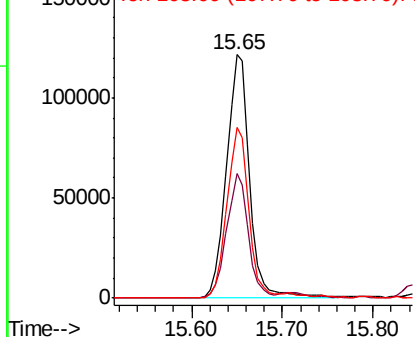


#62
4-Nitroaniline
Concen: 36.068 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Tgt Ion:138 Resp: 216117
Ion Ratio Lower Upper
138 100
92 51.1 34.3 74.3
108 70.3 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: 39.692 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

Instrument :

BNA_G

ClientSampleId :

PB125926BS

Tgt Ion: 77 Resp: 870373

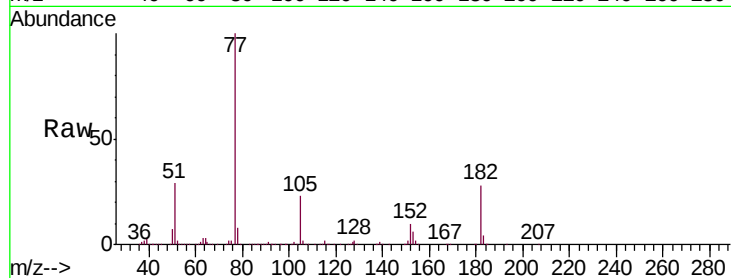
Ion Ratio Lower Upper

77 100

182 27.7 7.3 47.3

105 22.9 3.2 43.2

51 29.0 10.6 50.6

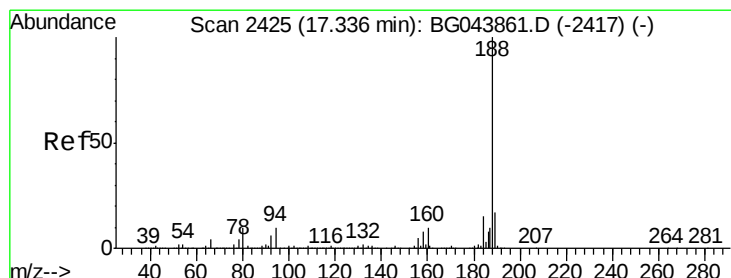
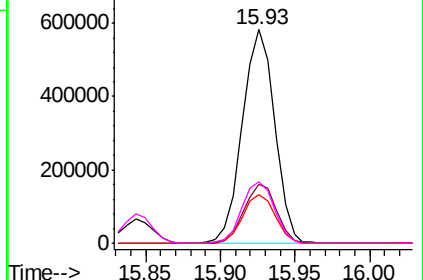
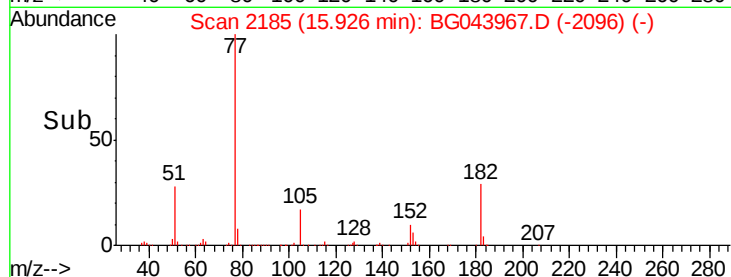


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG043967.D

Acq: 8 Jan 2020 14:47

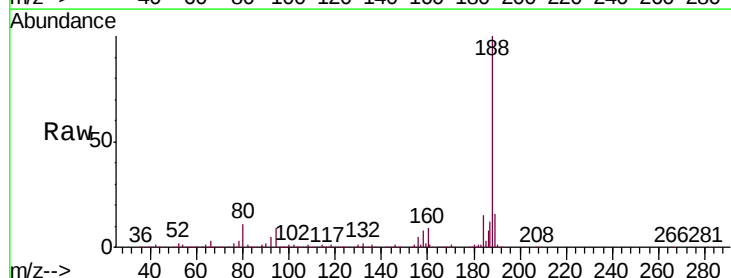
Tgt Ion: 188 Resp: 691991

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

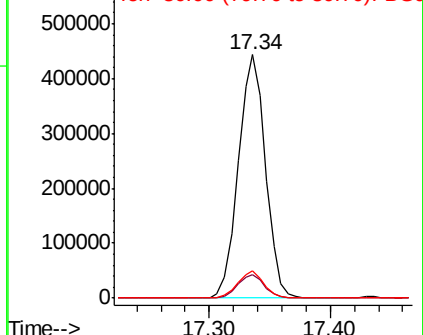
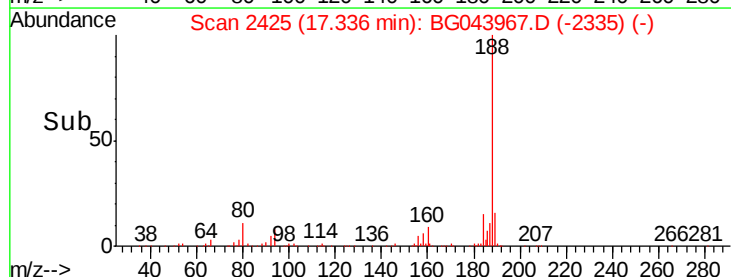
80 11.1 8.2 12.4

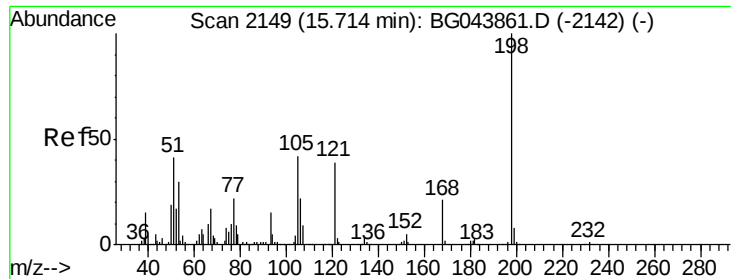


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

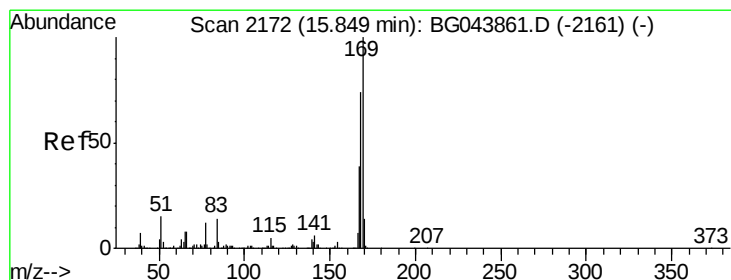
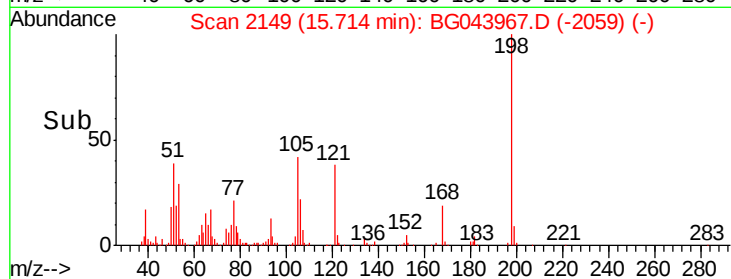
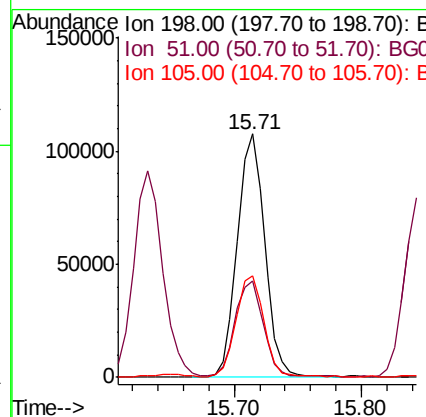
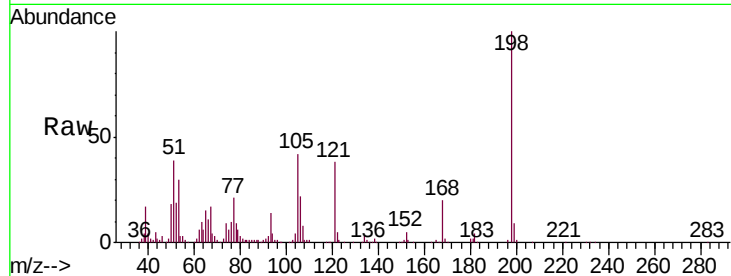




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.488 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG043967.D
 Acq: 8 Jan 2020 14:47

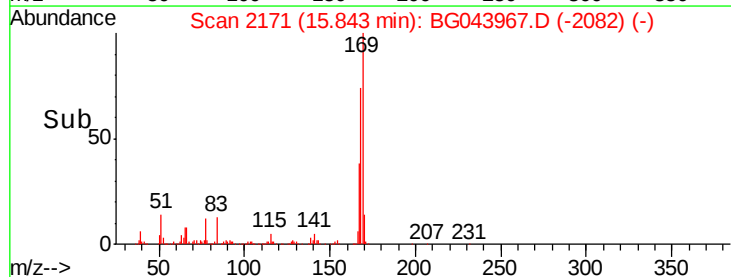
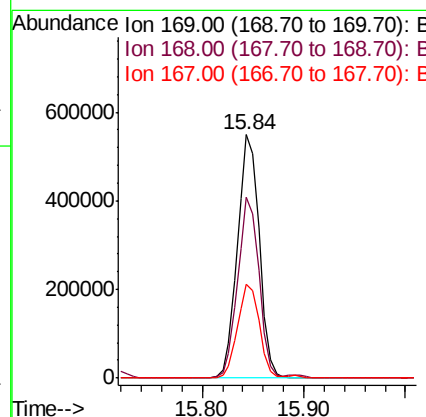
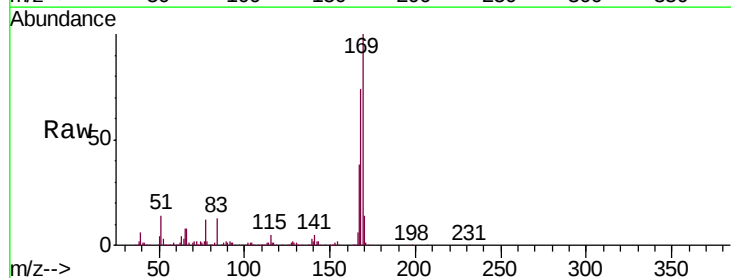
Instrument :
 BNA_G
 ClientSampleId :
 PB125926BS

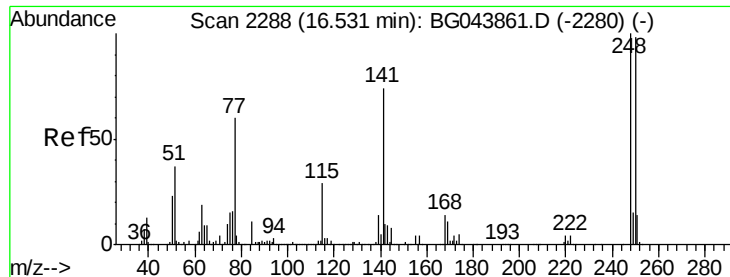
Tgt Ion	Ratio	Lower	Upper
198	100		
51	39.4	22.5	62.5
105	41.5	22.3	62.3



#66
 n-Nitrosodiphenylamine
 Concen: 40.194 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BG043967.D
 Acq: 8 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
169	100		
168	74.2	59.0	88.6
167	38.3	31.4	47.0

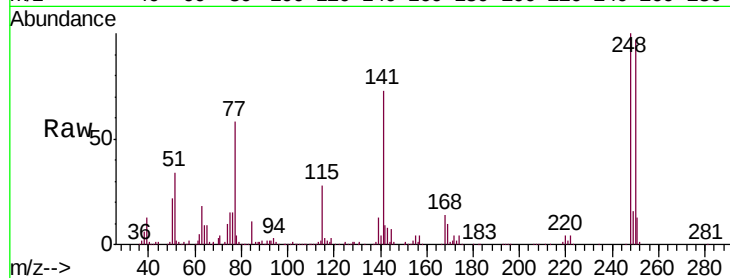




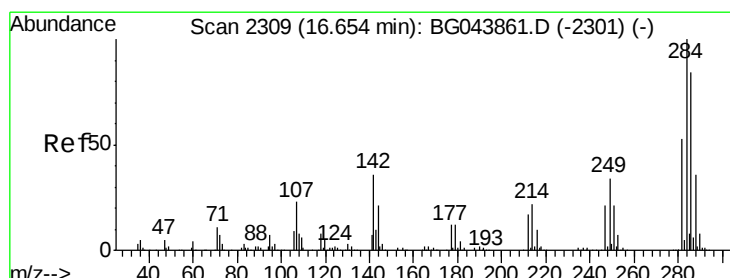
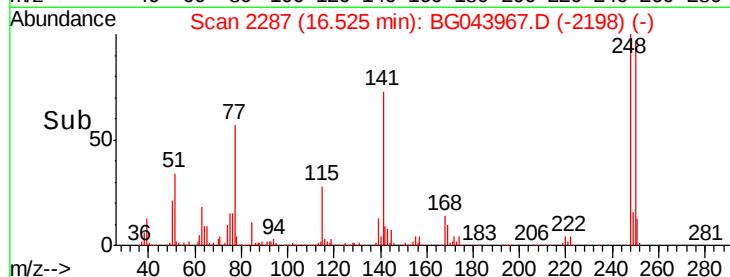
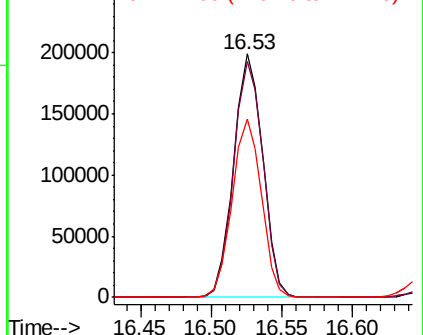
#67
4-Bromophenyl-phenylether
Concen: 36.918 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Instrument :
BNA_G
ClientSampleId :
PB125926BS

Tgt Ion:248 Resp: 287327
Ion Ratio Lower Upper
248 100
250 96.9 78.2 117.2
141 73.1 59.3 88.9

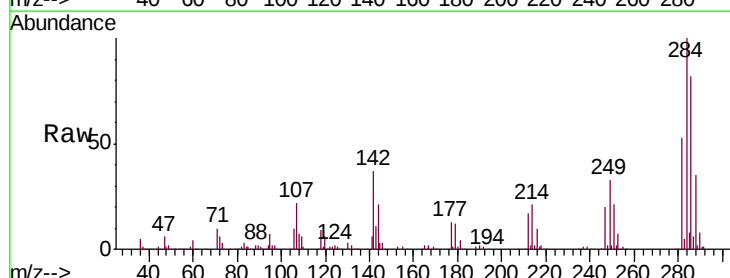


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

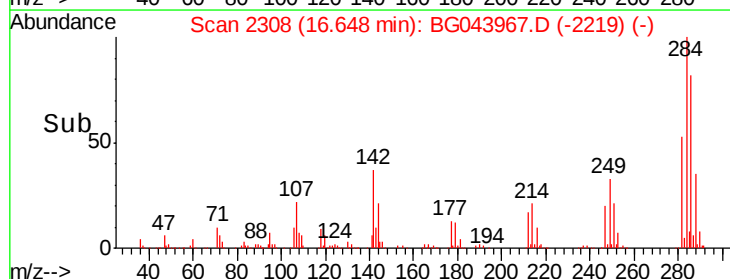
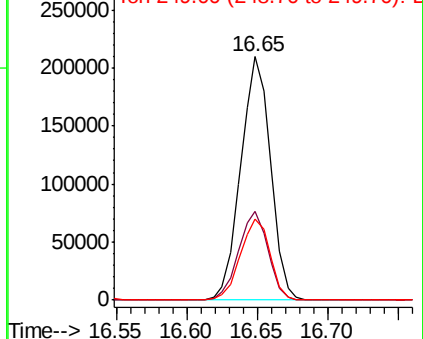


#68
Hexachlorobenzene
Concen: 36.856 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Tgt Ion:284 Resp: 309080
Ion Ratio Lower Upper
284 100
142 36.7 28.6 43.0
249 33.1 27.0 40.6



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





#69

Atrazine

Concen: 45.884 ng

RT: 16.80 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

Instrument :

BNA_G

ClientSampleId :

PB125926BS

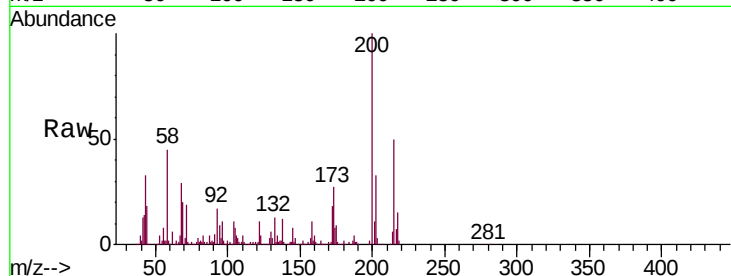
Tgt Ion:200 Resp: 303933

Ion Ratio Lower Upper

200 100

173 27.4 6.6 46.6

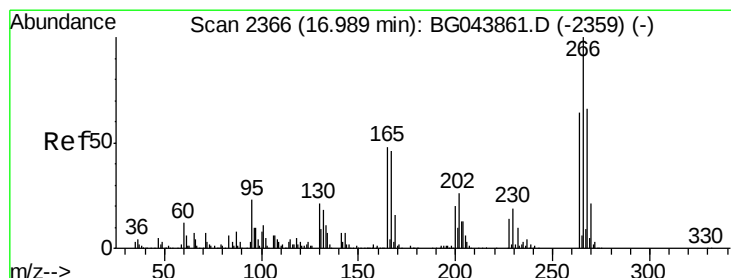
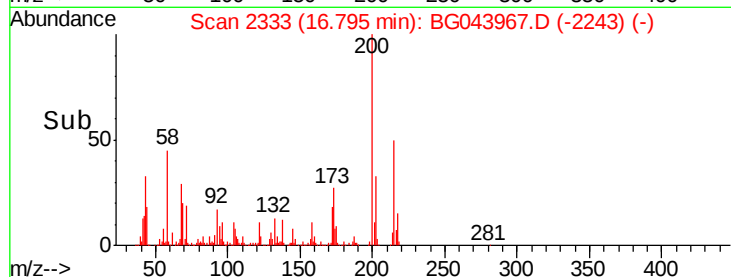
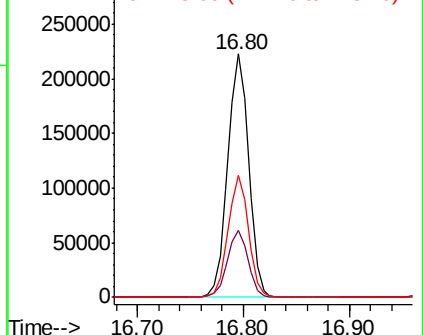
215 50.3 28.6 68.6



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: 79.407 ng

RT: 16.99 min Scan# 2366

Delta R.T. 0.00 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

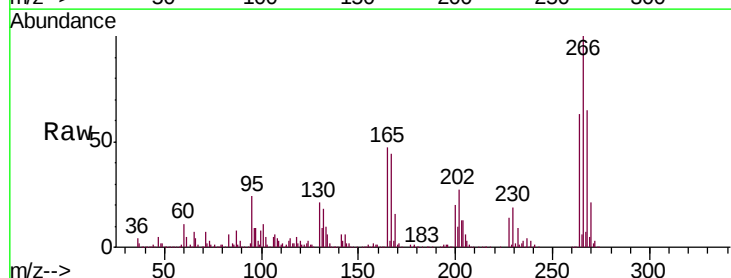
Tgt Ion:266 Resp: 367090

Ion Ratio Lower Upper

266 100

268 64.7 52.6 79.0

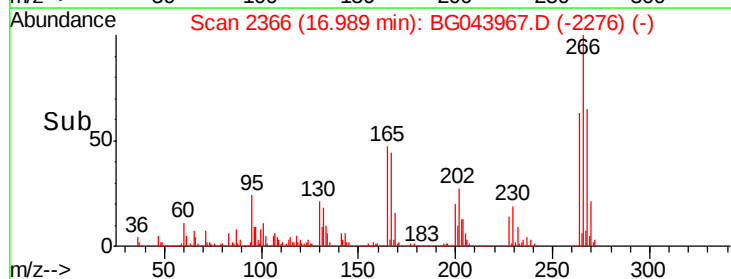
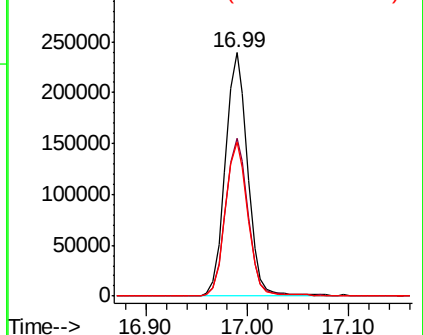
264 63.1 50.8 76.2



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

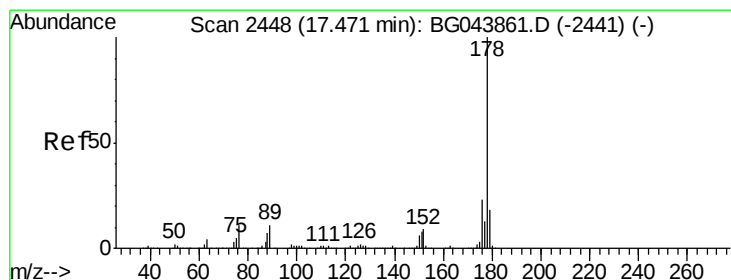
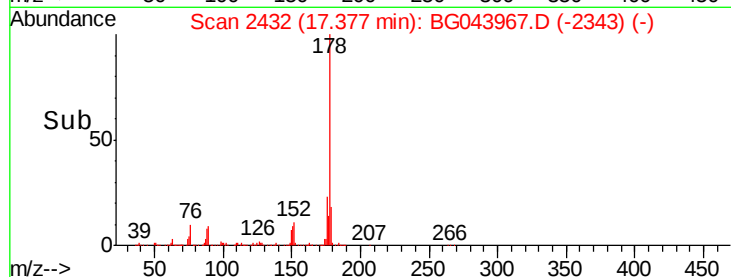
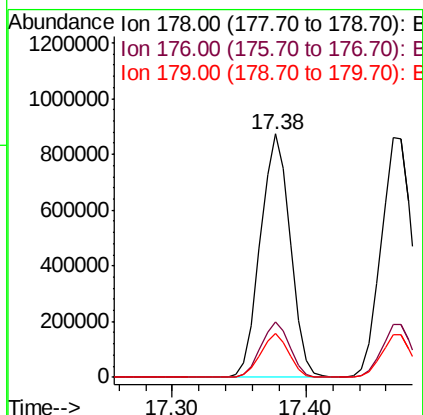
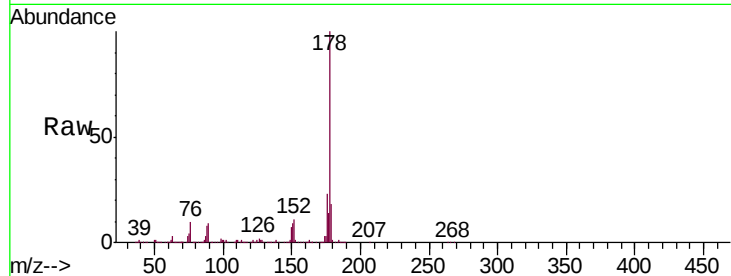




#71
Phenanthrene
Concen: 40.668 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

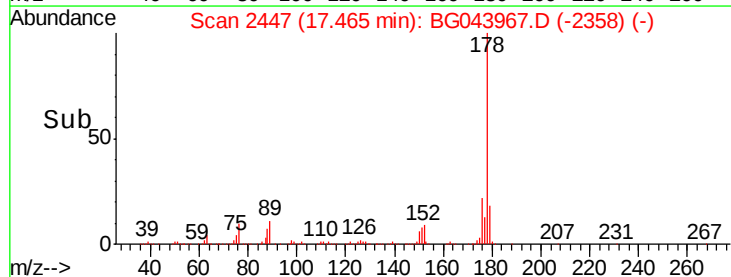
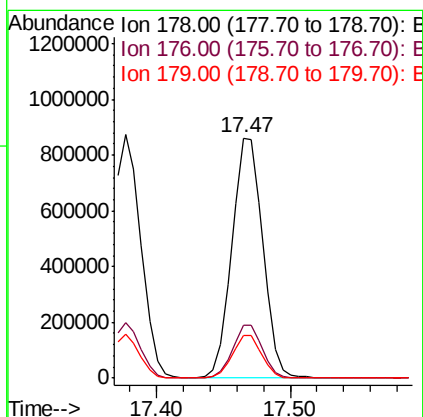
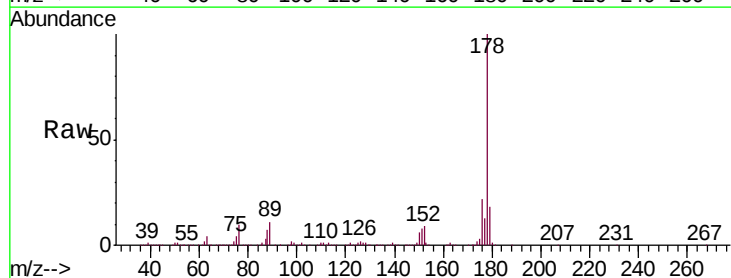
Instrument :
BNA_G
ClientSampleId :
PB125926BS

Tgt Ion:178 Resp: 1349813
Ion Ratio Lower Upper
178 100
176 22.6 18.6 28.0
179 17.9 14.4 21.6



#72
Anthracene
Concen: 42.128 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Tgt Ion:178 Resp: 1381922
Ion Ratio Lower Upper
178 100
176 22.2 18.3 27.5
179 17.7 14.6 22.0

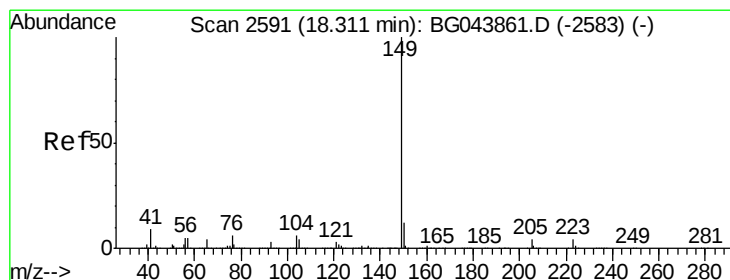
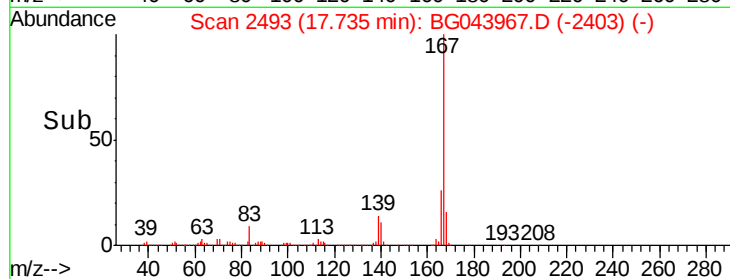
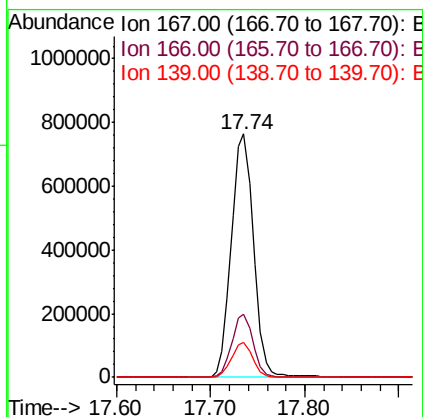
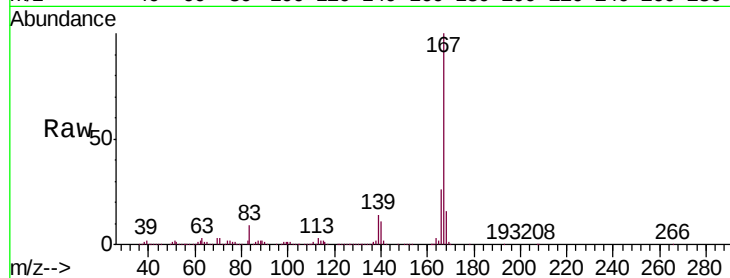




#73
 Carbazole
 Concen: 41.482 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG043967.D
 Acq: 8 Jan 2020 14:47

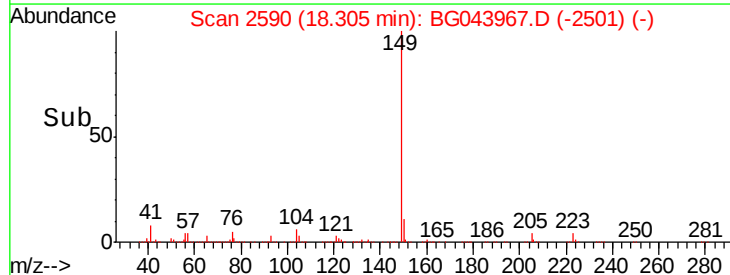
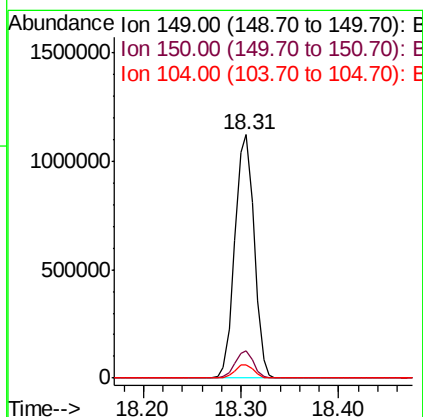
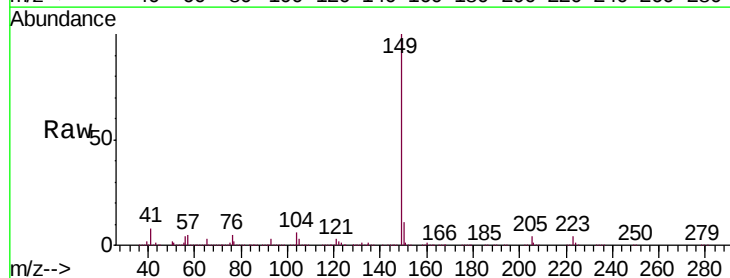
Instrument :
 BNA_G
 ClientSampleId :
 PB125926BS

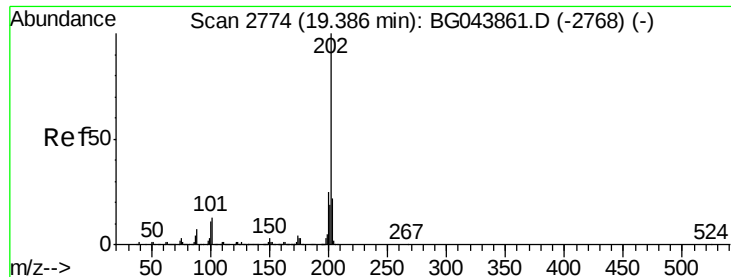
Tgt Ion:167 Resp: 1256912
 Ion Ratio Lower Upper
 167 100
 166 25.7 21.6 32.4
 139 14.3 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 39.791 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.01 min
 Lab File: BG043967.D
 Acq: 8 Jan 2020 14:47

Tgt Ion:149 Resp: 1539369
 Ion Ratio Lower Upper
 149 100
 150 11.3 9.7 14.5
 104 5.5 5.0 7.4





#75

Fluoranthene

Concen: 39.970 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

Instrument :

BNA_G

ClientSampleId :

PB125926BS

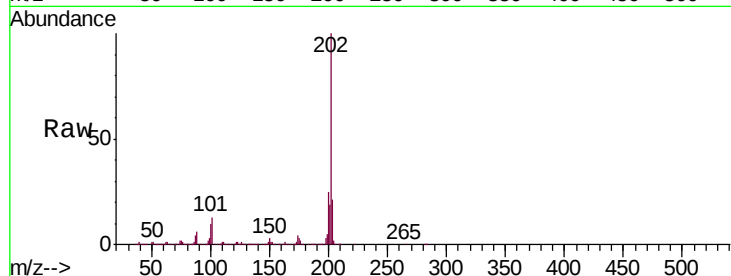
Tgt Ion:202 Resp: 1517237

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.3

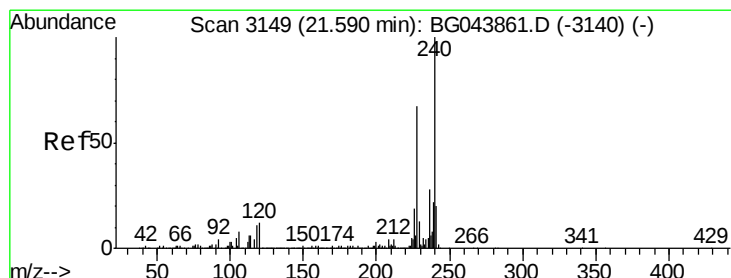
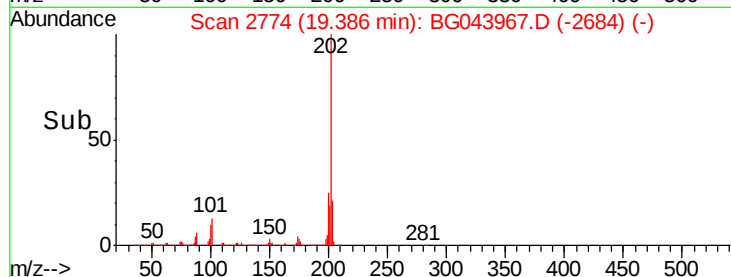
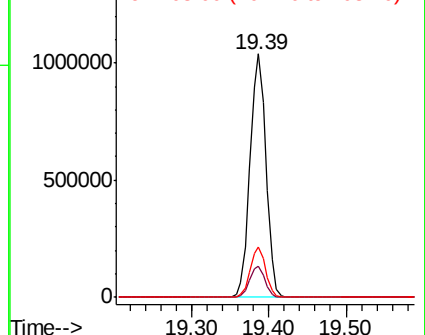
203 20.6 1.6 41.6



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: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

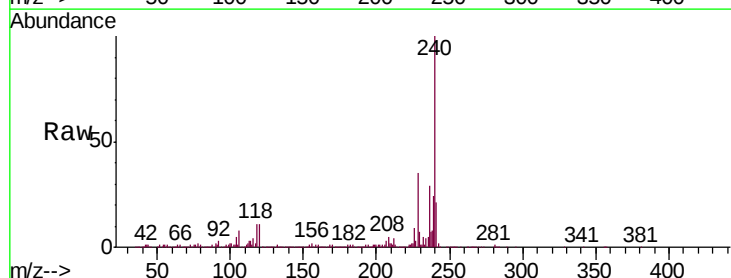
Tgt Ion:240 Resp: 560287

Ion Ratio Lower Upper

240 100

120 10.9 9.6 14.4

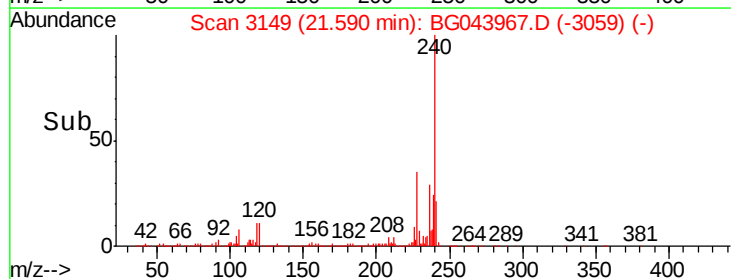
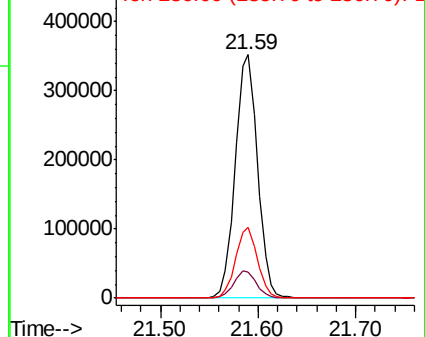
236 29.0 22.2 33.2

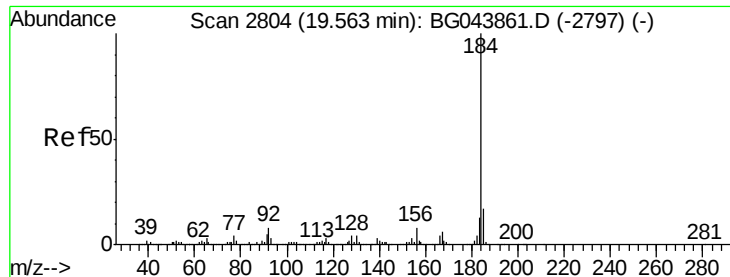


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.781 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

Instrument :

BNA_G

ClientSampleId :

PB125926BS

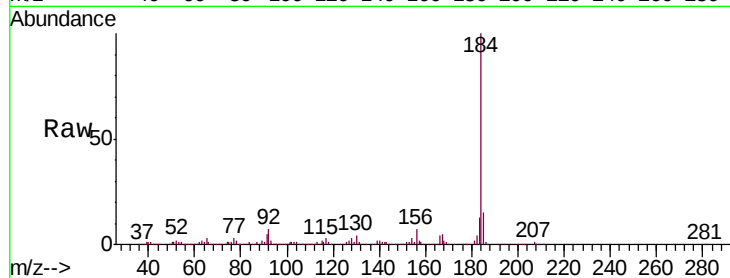
Tgt Ion:184 Resp: 588403

Ion Ratio Lower Upper

184 100

185 14.9 13.4 20.0

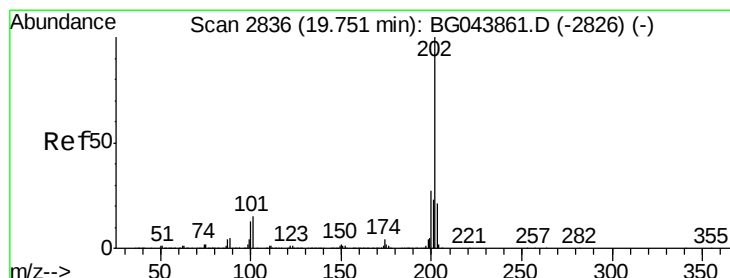
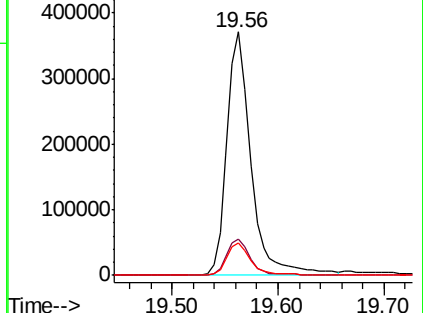
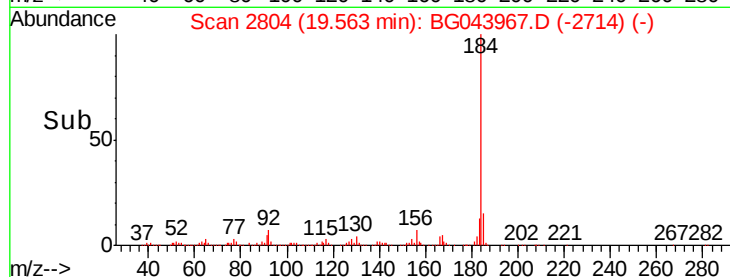
183 13.3 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.866 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

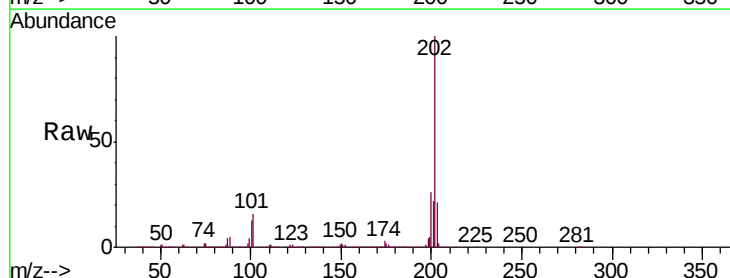
Tgt Ion:202 Resp: 1531114

Ion Ratio Lower Upper

202 100

200 25.9 21.7 32.5

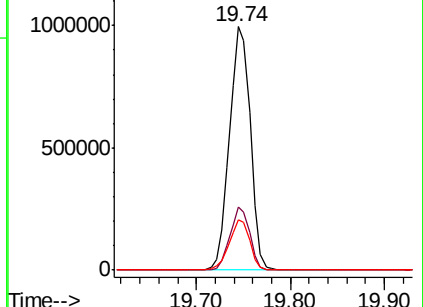
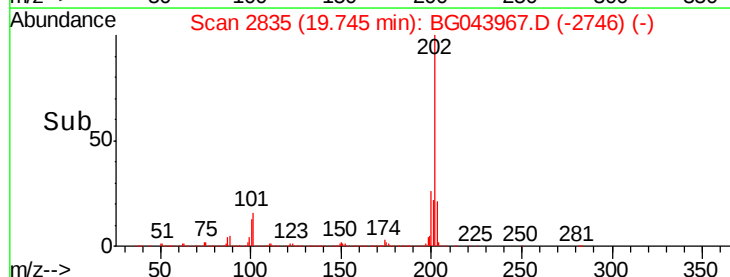
203 20.9 17.0 25.6

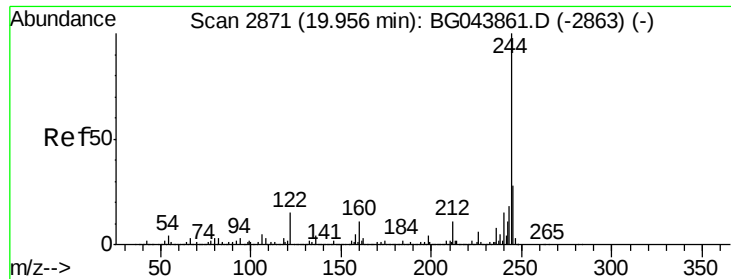


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.528 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

Instrument :

BNA_G

ClientSampleId :

PB125926BS

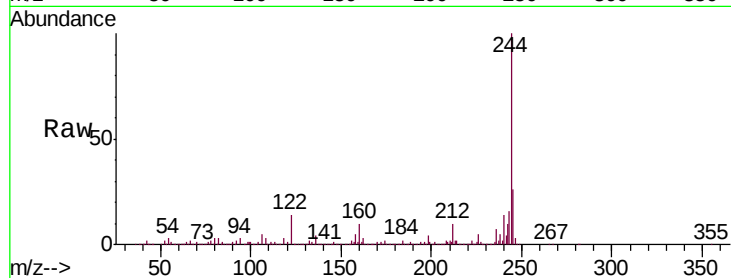
Tgt Ion:244 Resp: 1984254

Ion Ratio Lower Upper

244 100

212 10.2 8.6 13.0

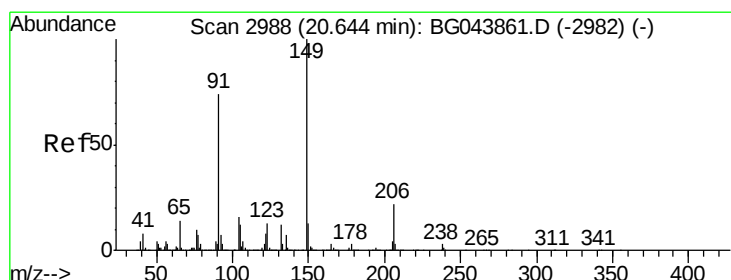
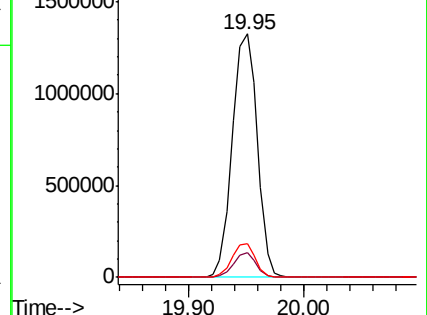
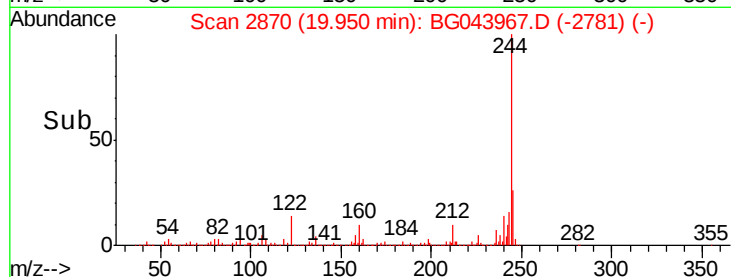
122 14.0 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.372 ng

RT: 20.64 min Scan# 2987

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

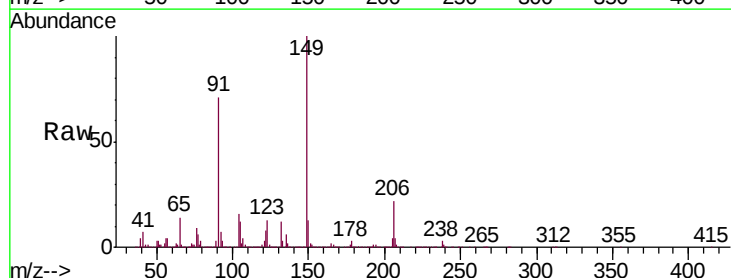
Tgt Ion:149 Resp: 702947

Ion Ratio Lower Upper

149 100

91 71.1 59.5 89.3

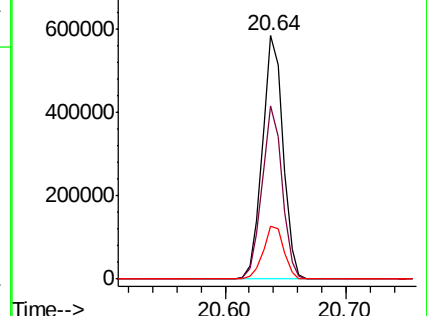
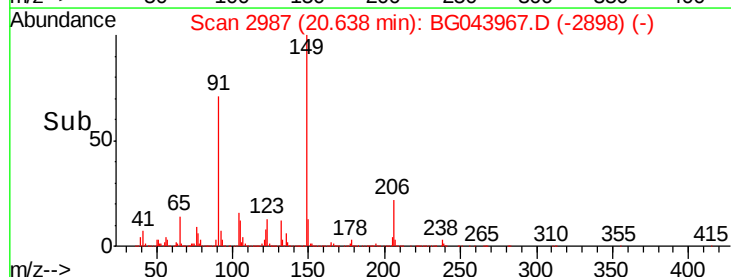
206 21.9 17.8 26.6

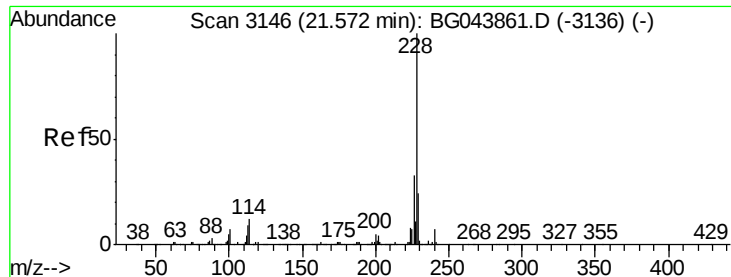


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.923 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

Instrument :

BNA_G

ClientSampleId :

PB125926BS

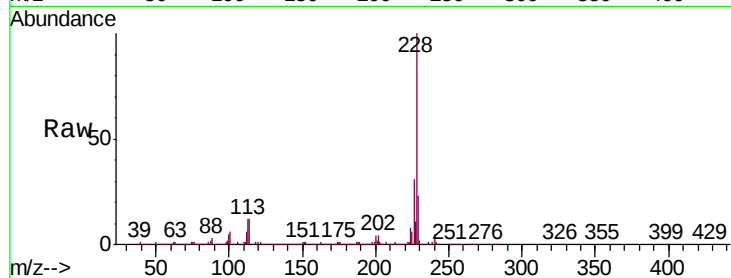
Tgt Ion:228 Resp: 1421733

Ion Ratio Lower Upper

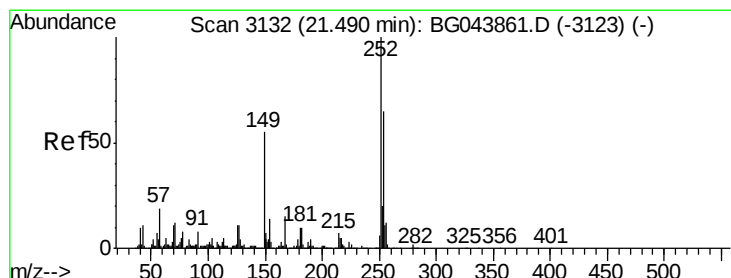
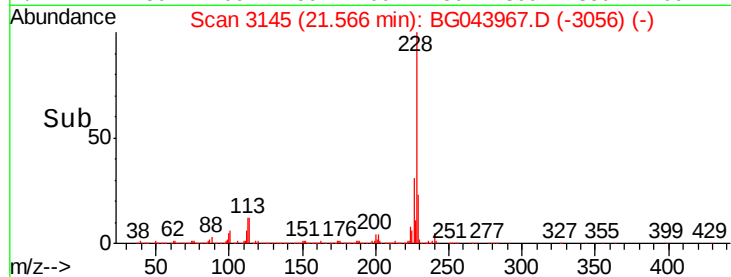
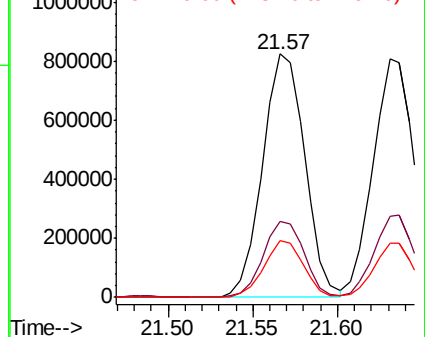
228 100

226 31.2 26.2 39.4

229 23.2 18.9 28.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.347 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

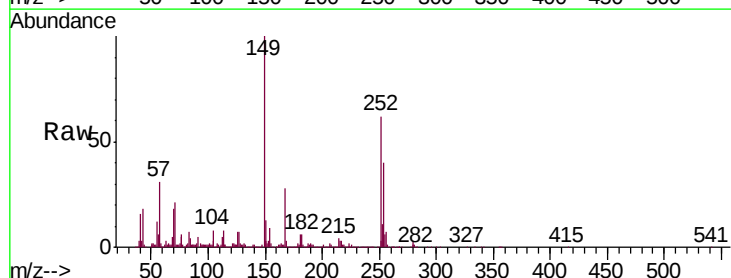
Tgt Ion:252 Resp: 402803

Ion Ratio Lower Upper

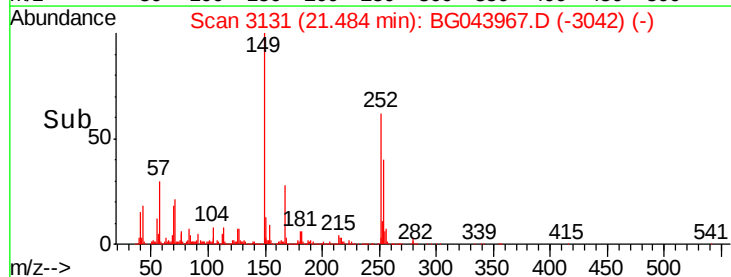
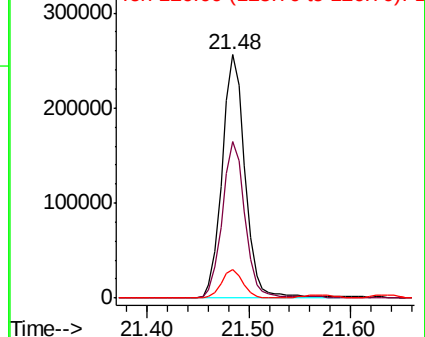
252 100

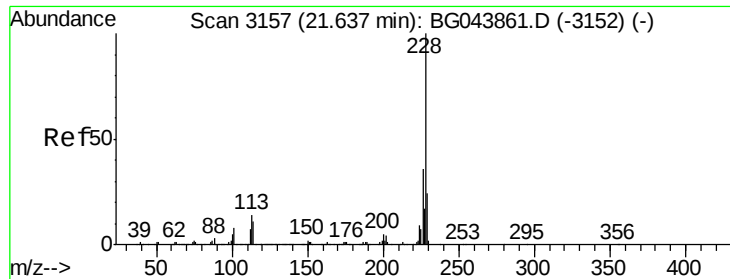
254 64.3 52.1 78.1

126 11.7 9.1 13.7



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





#83

Chrysene

Concen: 41.376 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

Instrument :

BNA_G

ClientSampleId :

PB125926BS

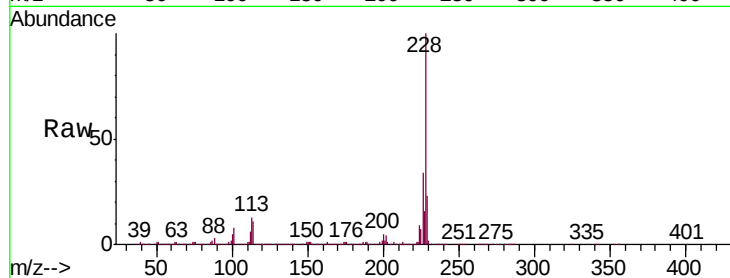
Tgt Ion:228 Resp: 1365869

Ion Ratio Lower Upper

228 100

226 34.2 28.8 43.2

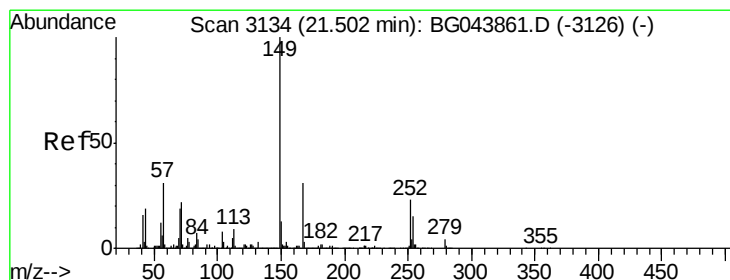
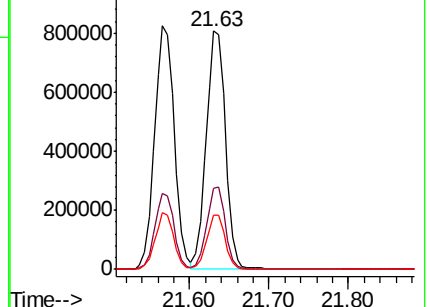
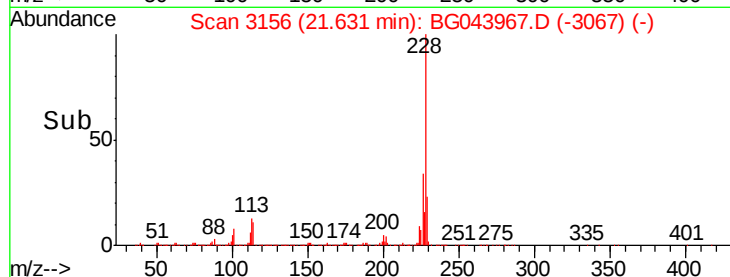
229 22.5 19.0 28.6



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: 41.160 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

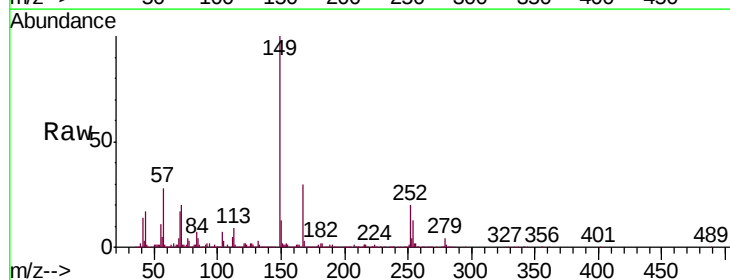
Tgt Ion:149 Resp: 988860

Ion Ratio Lower Upper

149 100

167 30.3 24.7 37.1

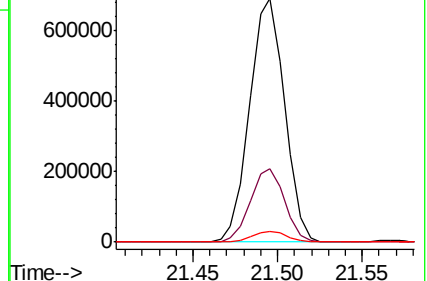
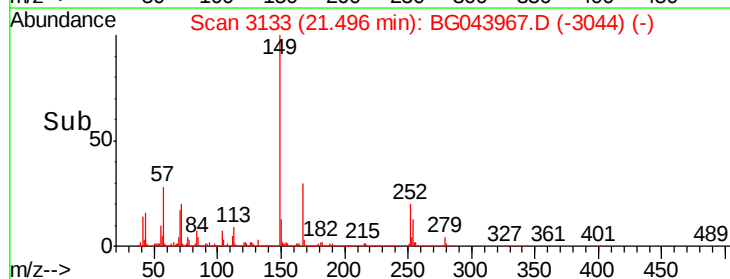
279 4.4 3.3 4.9

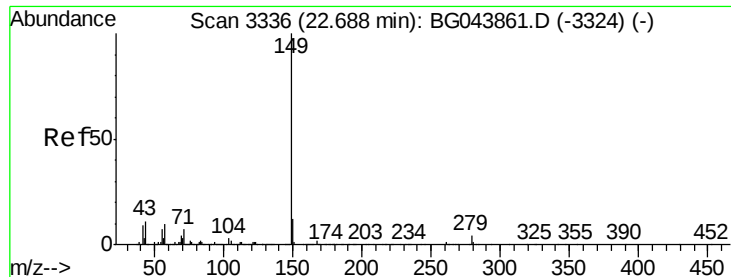


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.172 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

Instrument :

BNA_G

ClientSampleId :

PB125926BS

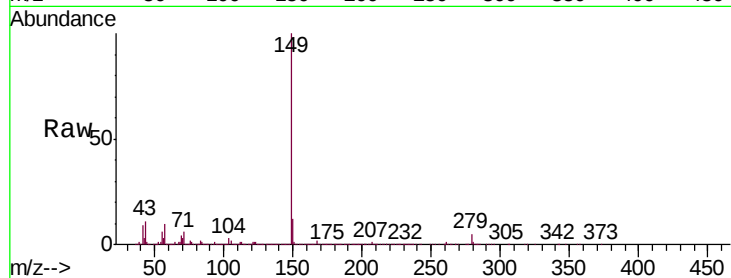
Tgt Ion:149 Resp: 1703309

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

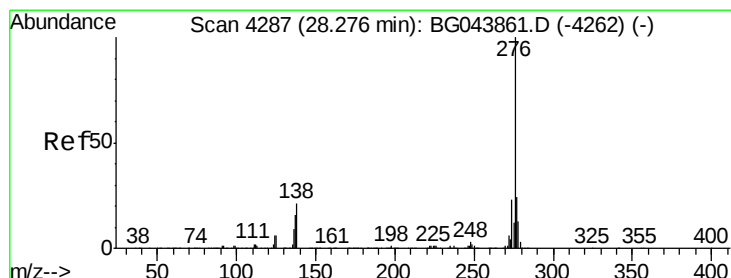
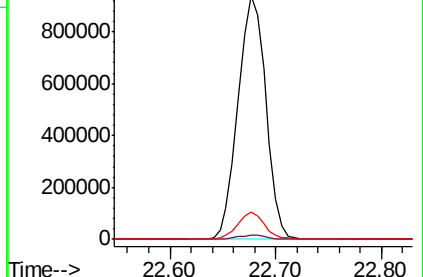
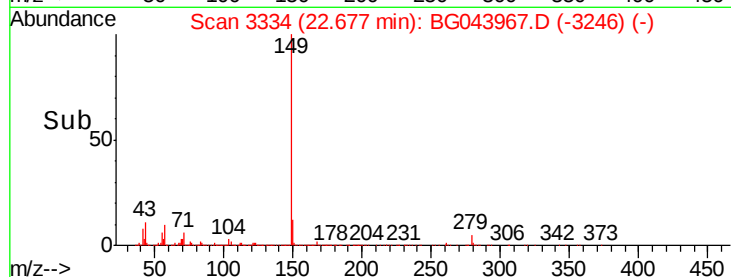
43 10.2 8.8 13.2



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: 37.948 ng

RT: 28.26 min Scan# 4285

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

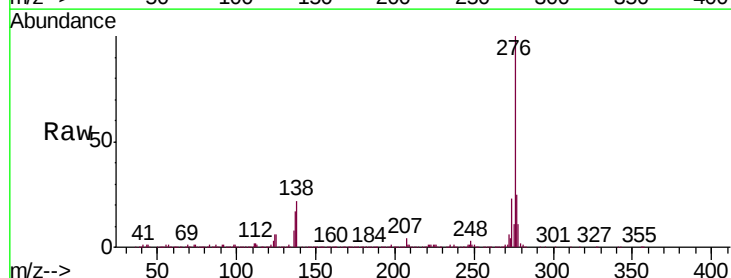
Tgt Ion:276 Resp: 1702471

Ion Ratio Lower Upper

276 100

138 27.3 21.0 31.4

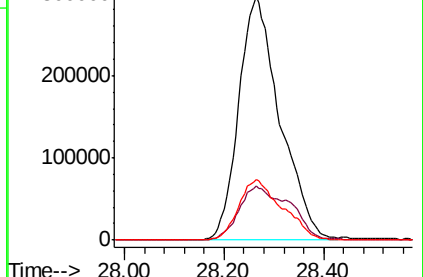
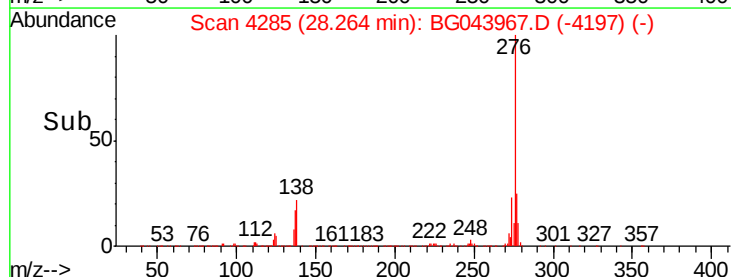
277 26.3 21.1 31.7

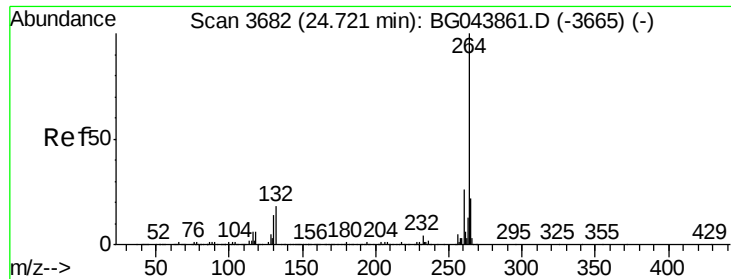


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



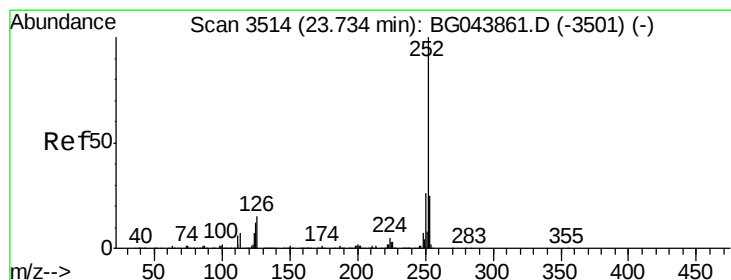
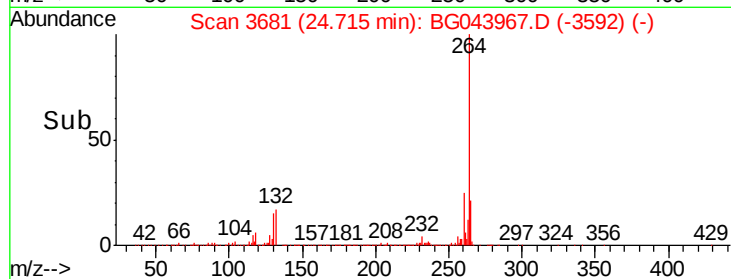
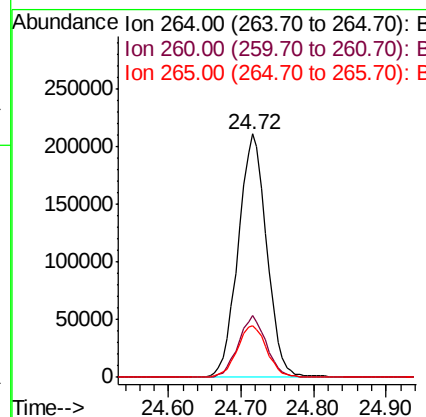
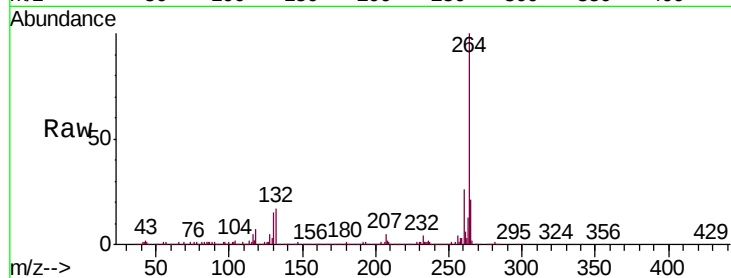


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Instrument :
BNA_G
ClientSampled :
PB125926BS

Tgt Ion: 264 Resp: 574770

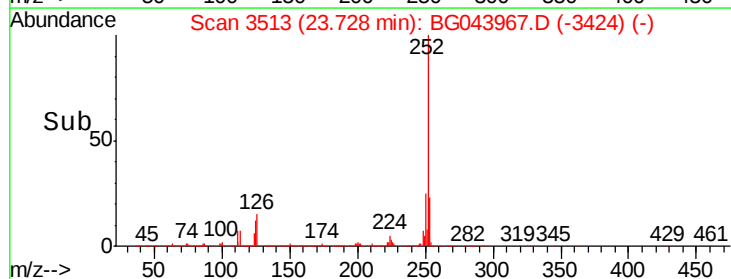
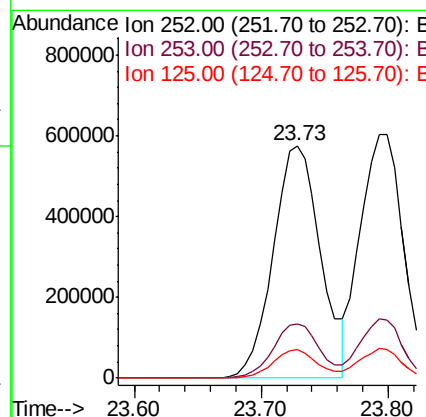
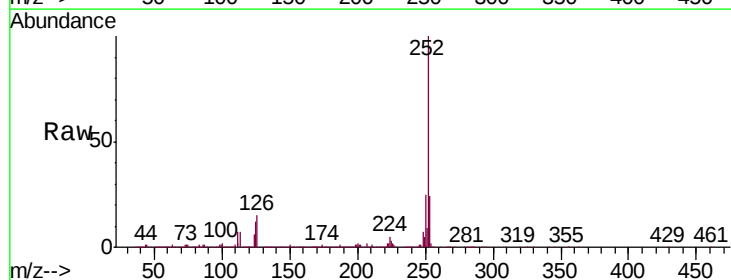
Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.4	30.6
265	21.3	17.4	26.2

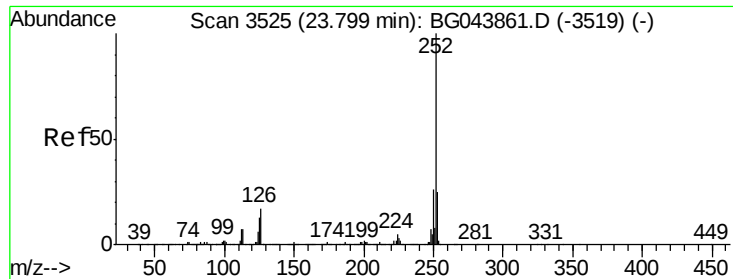


#88
Benzo(b)fluoranthene
Concen: 44.038 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Tgt Ion: 252 Resp: 1496376

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.7	29.5
125	12.0	9.4	14.2

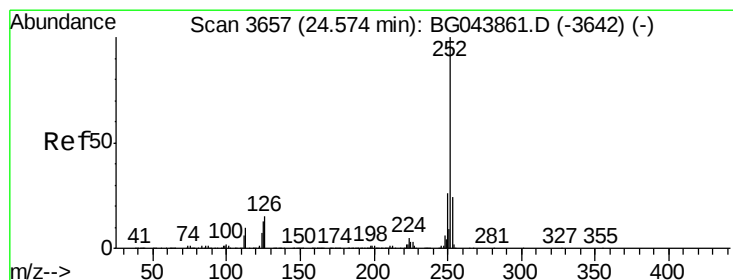
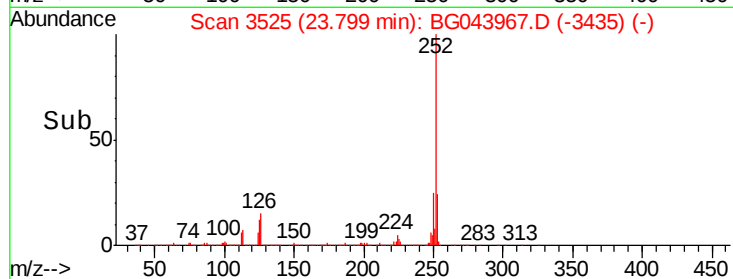
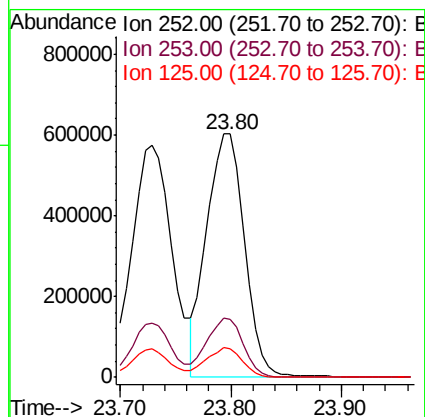
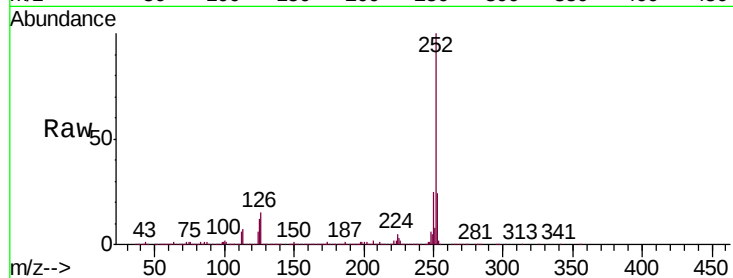




#89
Benzo(k)fluoranthene
Concen: 43.823 ng
RT: 23.80 min Scan# 3525
Delta R.T. 0.00 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

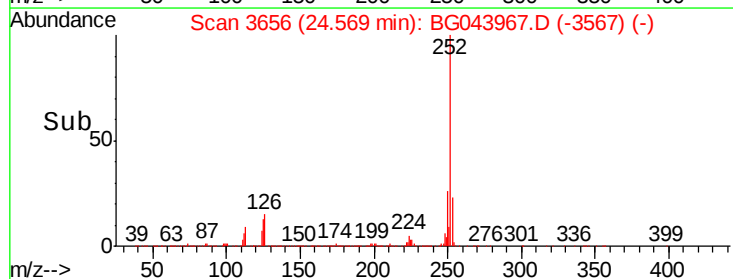
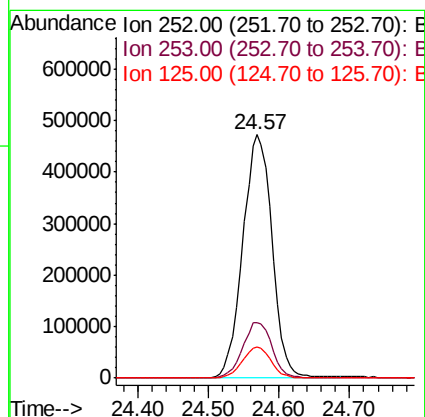
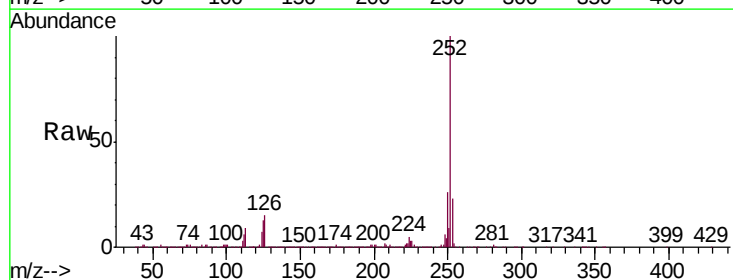
Instrument :
BNA_G
ClientSampleId :
PB125926BS

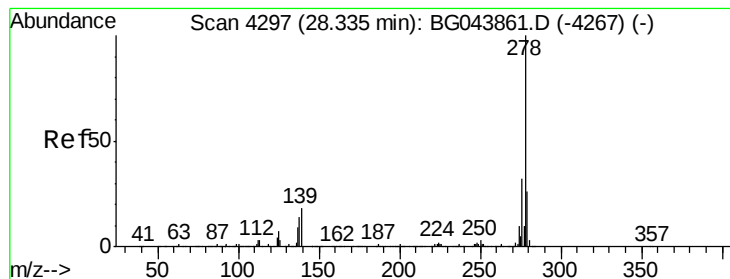
Tgt Ion:252 Resp: 1416005
Ion Ratio Lower Upper
252 100
253 24.0 19.4 29.2
125 11.7 9.9 14.9



#90
Benzo(a)pyrene
Concen: 42.526 ng
RT: 24.57 min Scan# 3656
Delta R.T. -0.01 min
Lab File: BG043967.D
Acq: 8 Jan 2020 14:47

Tgt Ion:252 Resp: 1363831
Ion Ratio Lower Upper
252 100
253 22.7 19.3 28.9
125 12.9 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 43.908 ng

RT: 28.33 min Scan# 4296

Delta R.T. -0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

Instrument :

BNA_G

ClientSampleId :

PB125926BS

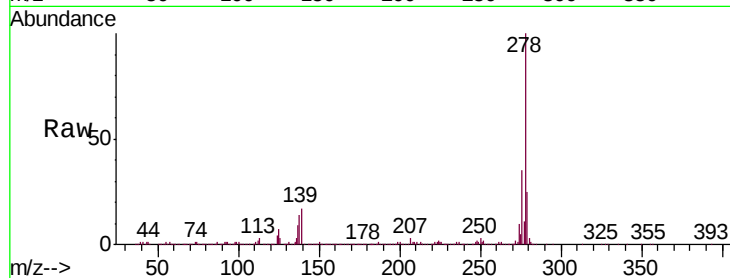
Tgt Ion:278 Resp: 1414179

Ion Ratio Lower Upper

278 100

139 16.9 14.2 21.4

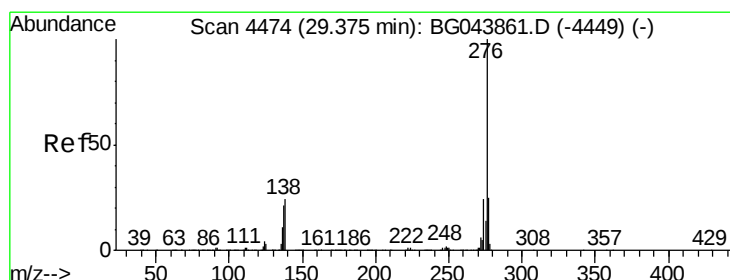
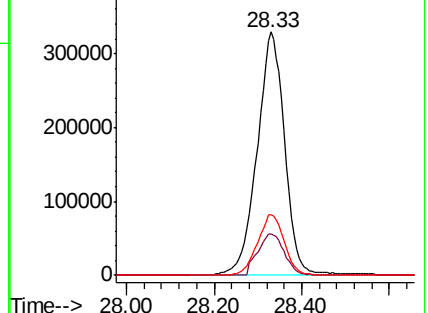
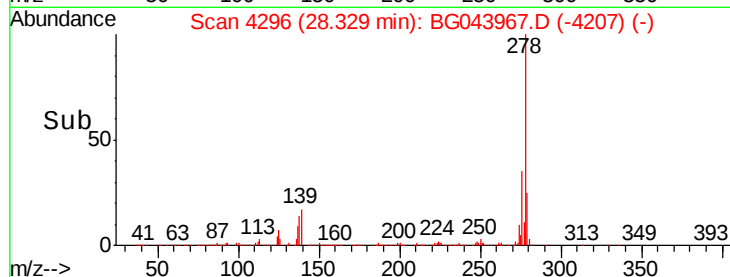
279 24.7 20.6 30.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.788 ng

RT: 29.38 min Scan# 4475

Delta R.T. 0.01 min

Lab File: BG043967.D

Acq: 8 Jan 2020 14:47

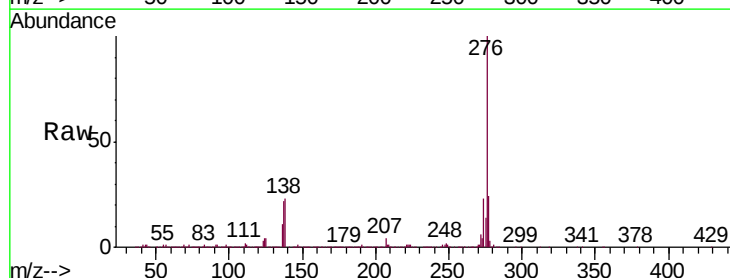
Tgt Ion:276 Resp: 1432887

Ion Ratio Lower Upper

276 100

277 24.0 20.2 30.4

138 22.9 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

