

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042869.D
 Acq On : 17 Sep 2019 16:13
 Operator : HP/JU
 Sample : PB123079BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123079BS

Quant Time: Sep 18 01:49:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	52278	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	229436	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	181726	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	438362	20.00	ng	0.00
76) Chrysene-d12	21.75	240	322495	20.00	ng	0.00
87) Perylene-d12	25.02	264	330271	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	332502	110.58	ng	0.03
7) Phenol-d6	7.31	99	483997	112.14	ng	0.04
23) Nitrobenzene-d5	9.28	82	298119	67.65	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	301646	124.76	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	782605	68.17	ng	-0.01
79) Terphenyl-d14	20.08	244	1272694	87.46	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.61	88	38882	28.333	ng	# 83
3) Pyridine	4.07	79	105254	25.474	ng	# 80
4) n-Nitrosodimethylamine	3.92	42	78874	39.230	ng	# 77
6) Aniline	7.46	93	174309	29.934	ng	98
8) 2-Chlorophenol	7.70	128	138460	42.598	ng	95
9) Benzaldehyde	7.27	77	88284	31.433	ng	95
10) Phenol	7.34	94	190880	43.125	ng	96
11) bis(2-Chloroethyl)ether	7.54	93	122903	36.180	ng	98
12) 1,3-Dichlorobenzene	8.01	146	147601	37.231	ng	96
13) 1,4-Dichlorobenzene	8.15	146	153322	38.629	ng	98
14) 1,2-Dichlorobenzene	8.47	146	142965	37.839	ng	97
15) Benzyl Alcohol	8.38	79	147848	39.916	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	300769	40.319	ng	98
17) 2-Methylphenol	8.58	107	131366	44.362	ng	98
18) Hexachloroethane	9.20	117	57024	38.915	ng	92
19) n-Nitroso-di-n-propylamine	8.95	70	124353	39.101	ng	96
20) 3+4-Methylphenols	8.91	107	178912	43.830	ng	96
22) Acetophenone	8.96	105	211206	36.450	ng	# 93
24) Nitrobenzene	9.33	77	188637	40.780	ng	99
25) Isophorone	9.90	82	334844	36.452	ng	99
26) 2-Nitrophenol	10.03	139	79504	43.708	ng	94
27) 2,4-Dimethylphenol	10.11	122	149024	46.315	ng	99
28) bis(2-Chloroethoxy)methane	10.34	93	186526	36.411	ng	98
29) 2,4-Dichlorophenol	10.59	162	164629	44.030	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	174691	38.267	ng	95
31) Naphthalene	10.97	128	453637	40.046	ng	100
32) Benzoic acid	10.29	122	101671	40.177	ng	88
33) 4-Chloroaniline	11.09	127	126169	23.829	ng	98
34) Hexachlorobutadiene	11.25	225	128313	40.118	ng	90
35) Caprolactam	12.02	113	29561	21.260	ng	96
36) 4-Chloro-3-methylphenol	12.22	107	178690	44.015	ng	96
37) 2-Methylnaphthalene	12.57	142	358629	42.263	ng	97
38) 1-Methylnaphthalene	12.79	142	338605	42.545	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	233732	38.922	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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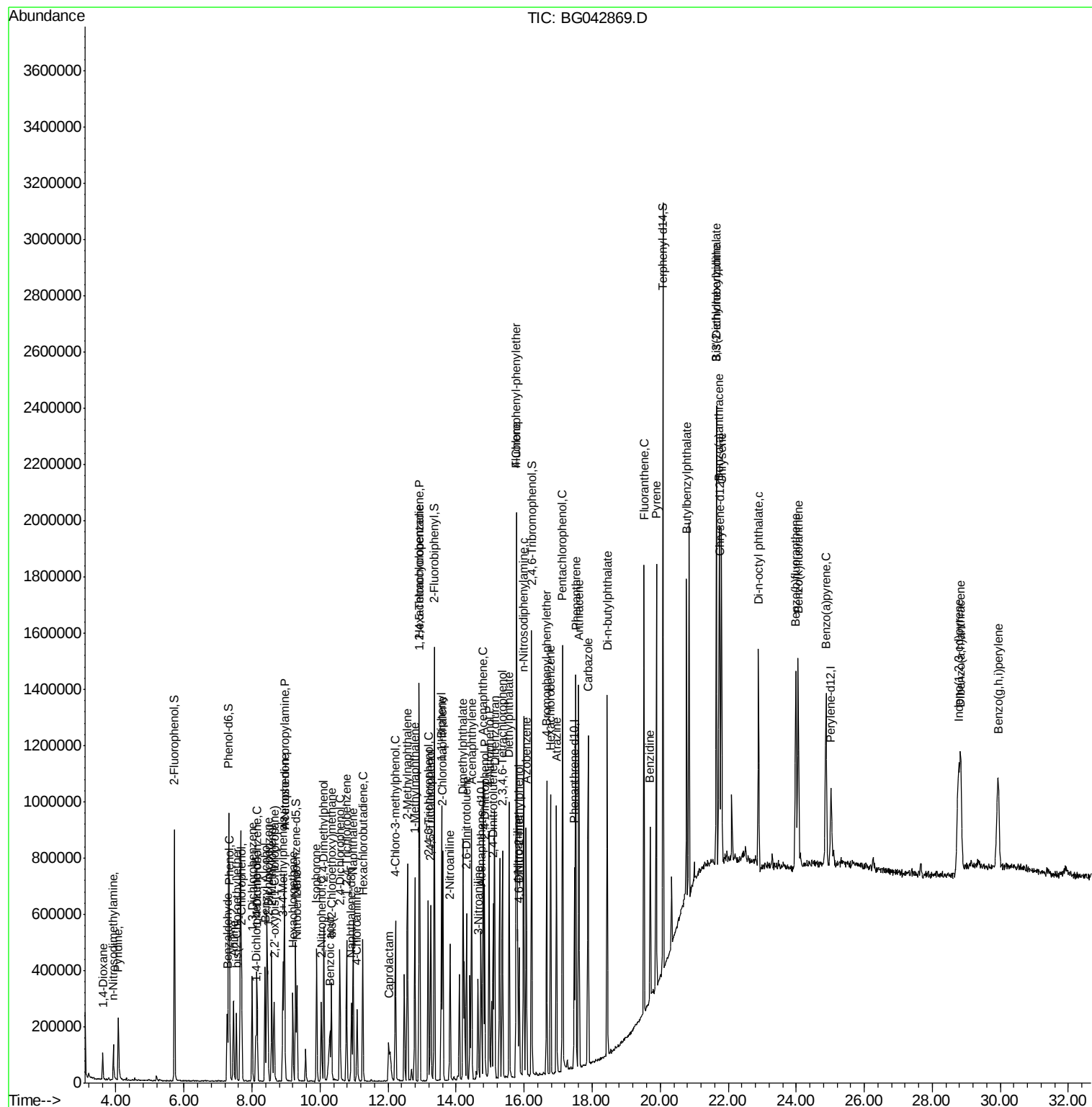
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	346738	100.792	ng	97
43) 2,4,6-Trichlorophenol	13.18	196	165839	41.482	ng	94
44) 2,4,5-Trichlorophenol	13.26	196	179968	43.948	ng	94
46) 1,1'-Biphenyl	13.57	154	506292	39.797	ng	98
47) 2-Chloronaphthalene	13.61	162	399310	37.943	ng	99
48) 2-Nitroaniline	13.82	65	147020	40.271	ng	96
49) Acenaphthylene	14.46	152	656809	40.840	ng	98
50) Dimethylphthalate	14.20	163	533071	39.157	ng	99
51) 2,6-Dinitrotoluene	14.30	165	121935	43.652	ng	95
52) Acenaphthene	14.80	154	388980	37.023	ng	96
53) 3-Nitroaniline	14.64	138	83598	26.666	ng	# 96
54) 2,4-Dinitrophenol	14.84	184	150953	109.773	ng	# 72
55) Dibenzofuran	15.13	168	647009	41.430	ng	97
56) 4-Nitrophenol	14.97	139	202392	83.495	ng	95
57) 2,4-Dinitrotoluene	15.09	165	173975	46.726	ng	98
58) Fluorene	15.78	166	541730	41.856	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	188201	47.410	ng	99
60) Diethylphthalate	15.56	149	542166	39.234	ng	98
61) 4-Chlorophenyl-phenylether	15.77	204	318723	41.649	ng	97
62) 4-Nitroaniline	15.81	138	128877	38.137	ng	91
63) Azobenzene	16.06	77	536616	40.326	ng	96
65) 4,6-Dinitro-2-methylphenol	15.86	198	111938	59.679	ng	96
66) n-Nitrosodiphenylamine	15.98	169	486957	41.282	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	219479	41.366	ng	96
68) Hexachlorobenzene	16.78	284	229025	40.396	ng	99
69) Atrazine	16.95	200	191675	46.662	ng	98
70) Pentachlorophenol	17.13	266	302117	89.829	ng	92
71) Phenanthrene	17.52	178	876894	41.828	ng	98
72) Anthracene	17.61	178	881353	42.081	ng	99
73) Carbazole	17.88	167	788581	39.614	ng	98
74) Di-n-butylphthalate	18.45	149	878163	36.826	ng	100
75) Fluoranthene	19.52	202	1016947	37.429	ng	99
77) Benzidine	19.70	184	392696	43.584	ng	98
78) Pyrene	19.89	202	999445	49.501	ng	99
80) Butylbenzylphthalate	20.78	149	313983	38.425	ng	98
81) Benzo(a)anthracene	21.74	228	804660	39.243	ng	97
82) 3,3'-Dichlorobenzidine	21.65	252	216064	27.115	ng	# 99
83) Chrysene	21.80	228	794174	40.889	ng	97
84) Bis(2-ethylhexyl)phthalate	21.65	149	394695	35.351	ng	# 96
85) Di-n-octyl phthalate	22.89	149	625816	32.880	ng	# 94
86) Indeno(1,2,3-cd)pyrene	28.76	276	867031	36.048	ng	# 91
88) Benzo(b)fluoranthene	23.99	252	774256	39.925	ng	# 98
89) Benzo(k)fluoranthene	24.06	252	771398	42.110	ng	# 99
90) Benzo(a)pyrene	24.87	252	760417	41.876	ng	# 98
91) Dibenzo(a,h)anthracene	28.83	278	732442	41.010	ng	# 96
92) Benzo(g,h,i)perylene	29.94	276	731687	42.001	ng	# 96

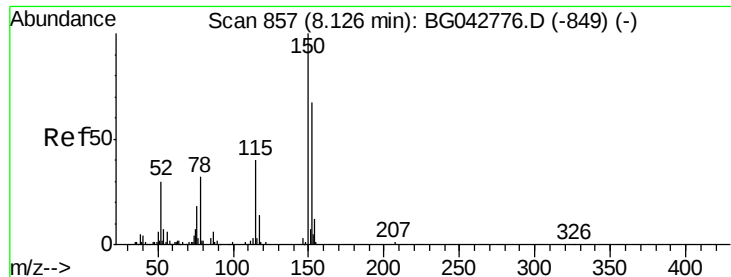
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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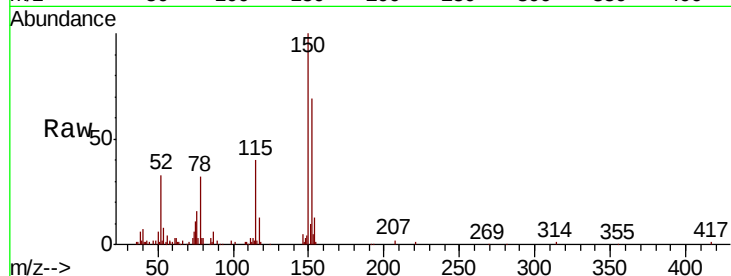


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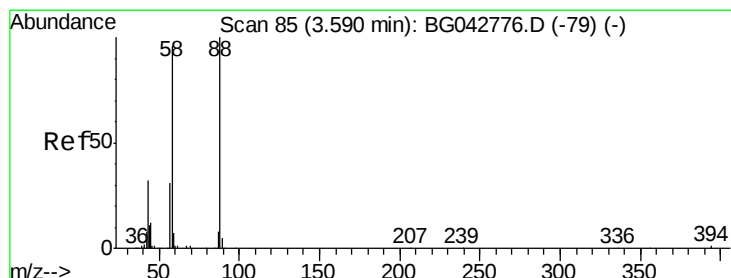
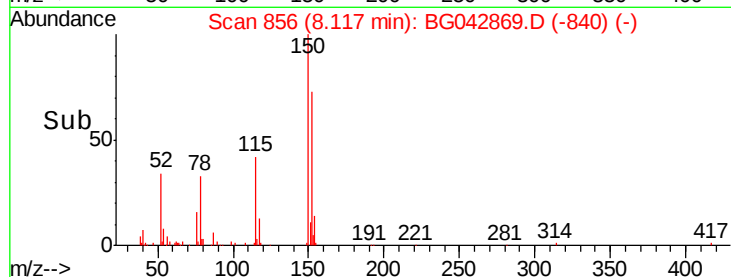
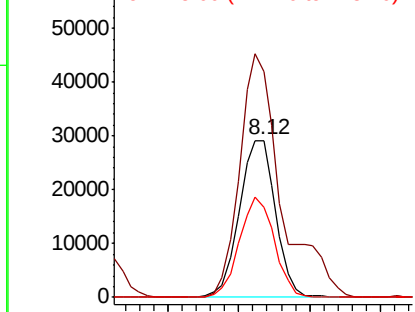
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB123079BS

Tot Ion:152 Resp: 52278
Ion Ratio Lower Upper
152 100
150 144.0 118.9 178.3
115 57.1 47.4 71.2



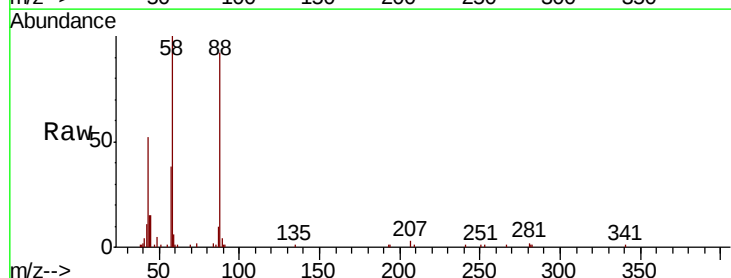
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



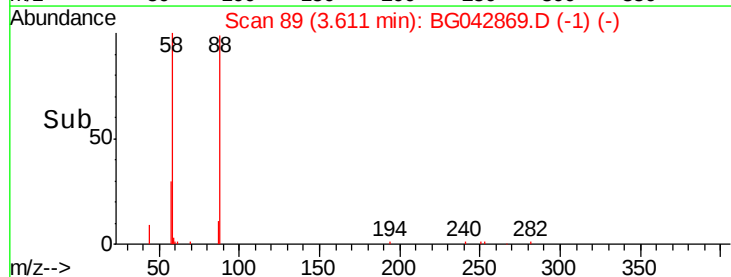
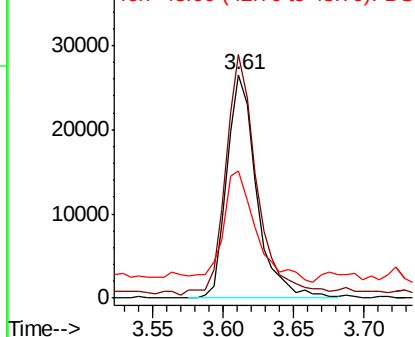
#2

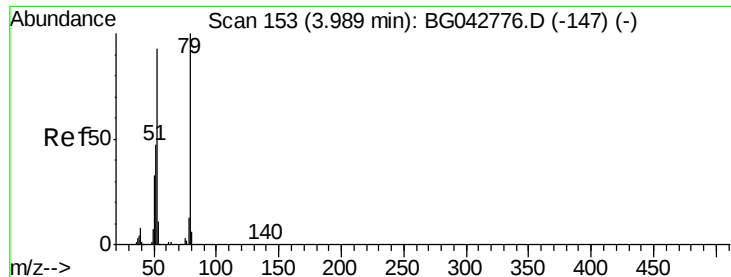
1,4-Dioxane
Concen: 28.333 ng
RT: 3.61 min Scan# 89
Delta R.T. 0.02 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

Tgt Ion: 88 Resp: 38882
Ion Ratio Lower Upper
88 100
58 111.7 79.1 118.7
43 55.2 30.4 45.6#



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





#3

Pvridine

Concen: 25.474 ng

RT: 4.07 min Scan# 167

Delta R.T. 0.08 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB123079BS

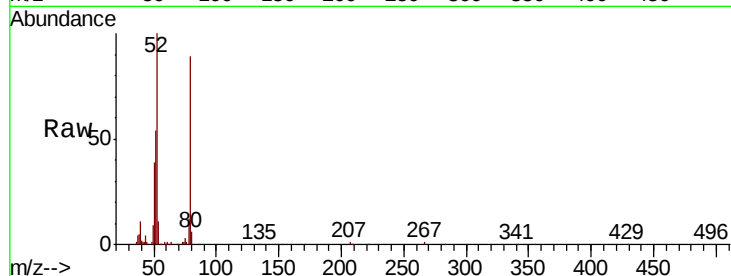
Tot Ion: 79 Resp: 105254

Ion Ratio Lower Upper

79 100

52 111.8 74.0 111.0#

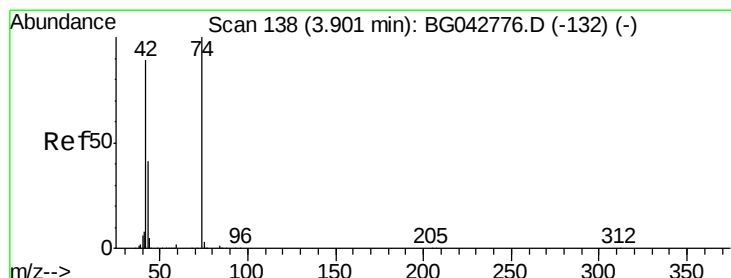
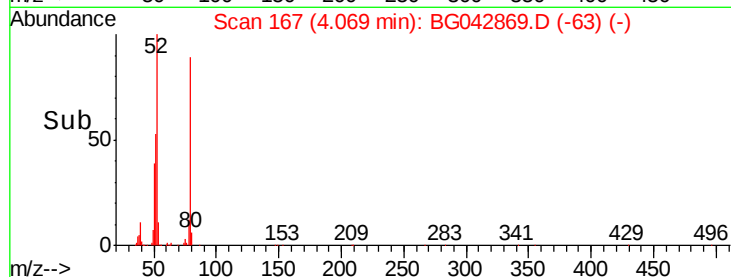
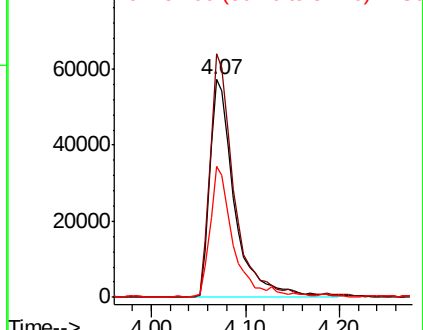
51 60.1 37.5 56.3#



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: 39.230 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.02 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

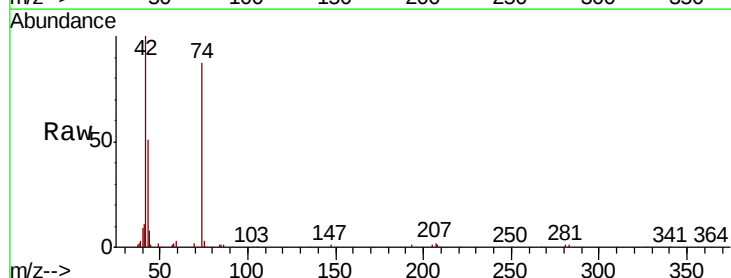
Tgt Ion: 42 Resp: 78874

Ion Ratio Lower Upper

42 100

74 86.5 90.2 135.2#

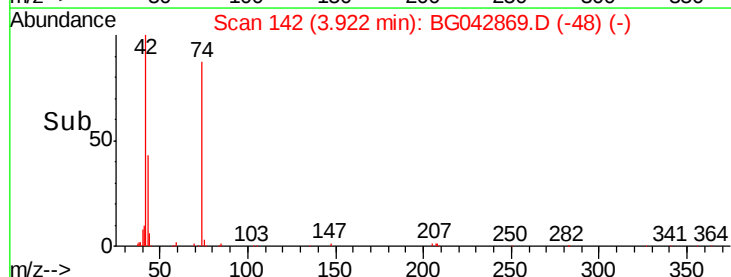
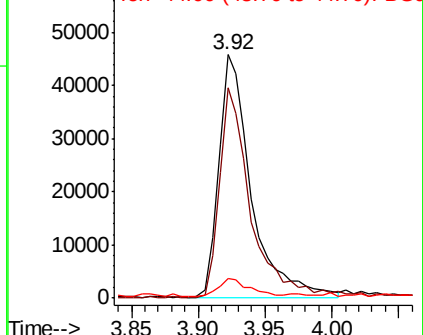
44 7.8 6.6 9.8

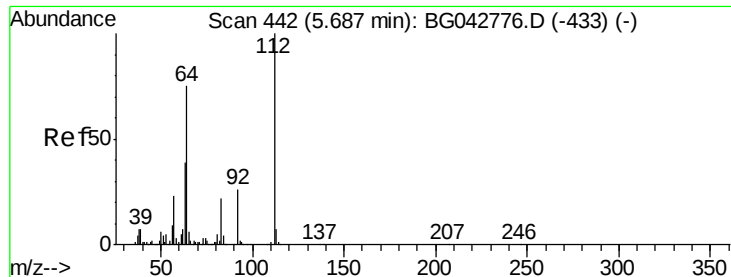


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 110.576 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.03 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

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ClientSampled :

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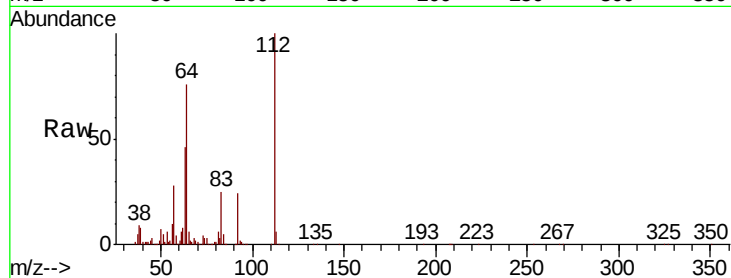
Tot Ion:112 Resp: 332502

Ion Ratio Lower Upper

112 100

64 76.2 60.2 90.2

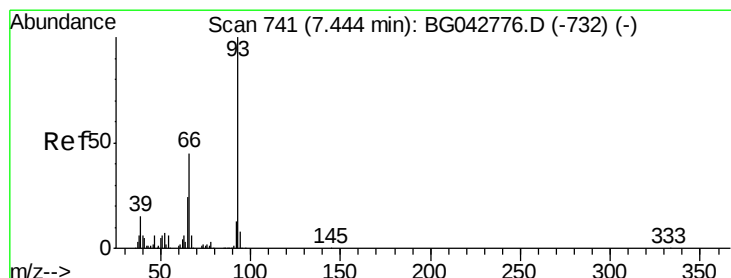
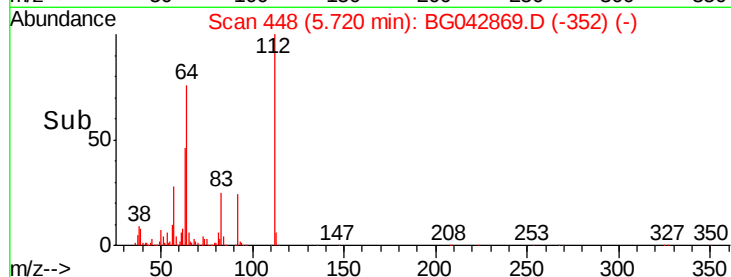
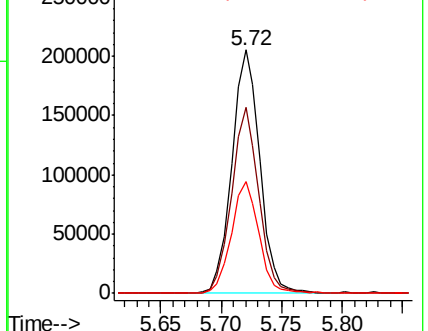
63 46.0 31.2 46.8



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: 29.934 ng

RT: 7.46 min Scan# 744

Delta R.T. 0.02 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

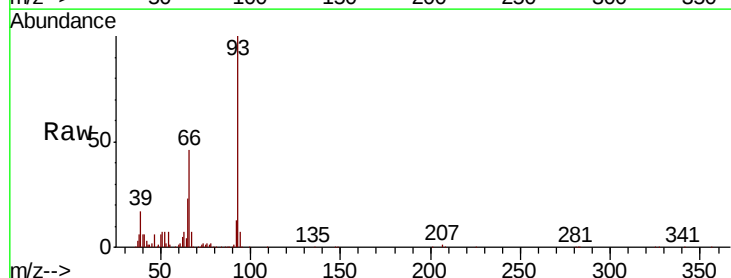
Tgt Ion: 93 Resp: 174309

Ion Ratio Lower Upper

93 100

66 46.3 36.3 54.5

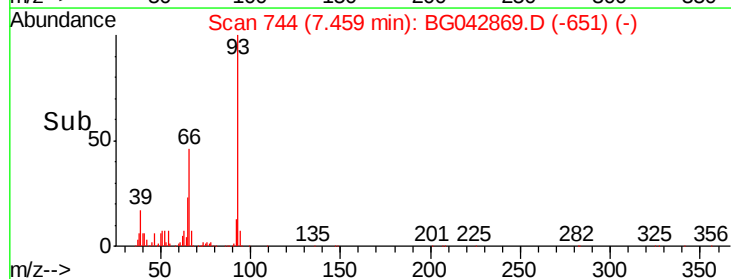
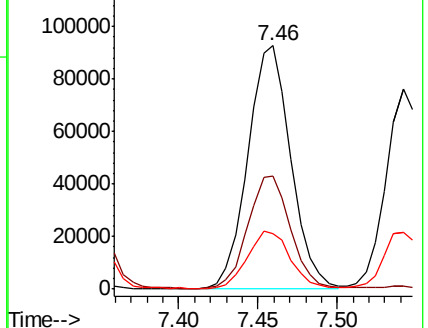
65 22.8 19.3 28.9

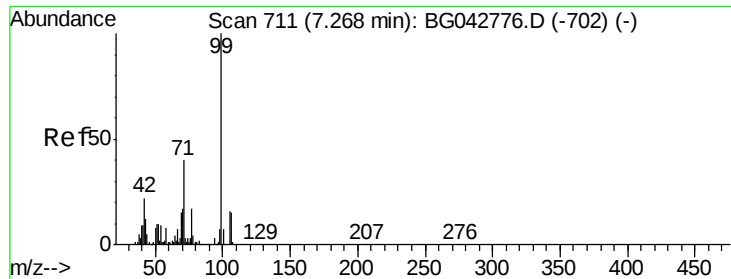


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 112.139 ng

RT: 7.31 min Scan# 719

Delta R.T. 0.04 min

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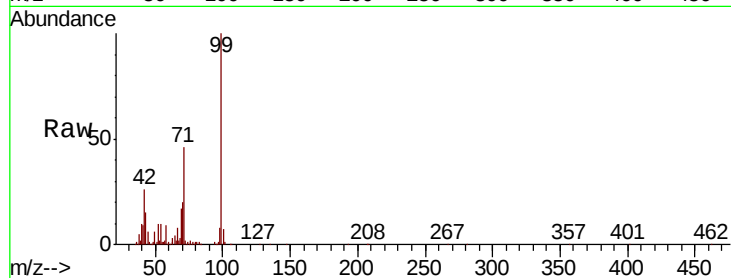
Tot Ion: 99 Resp: 483997

Ion Ratio Lower Upper

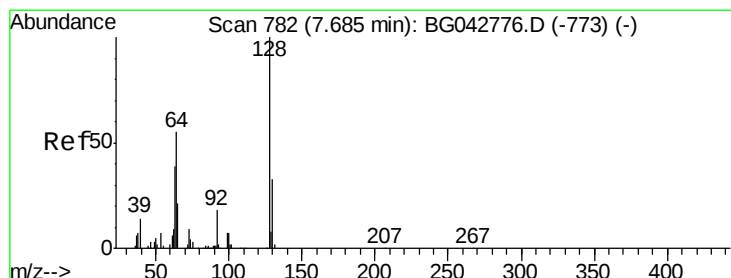
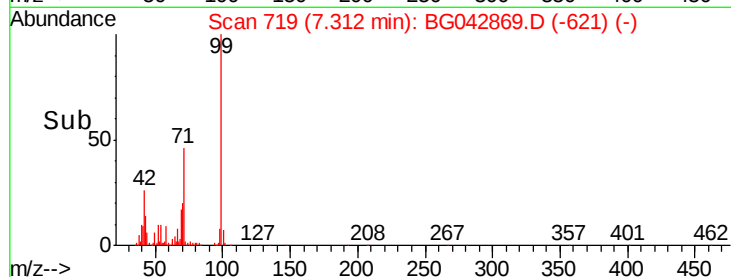
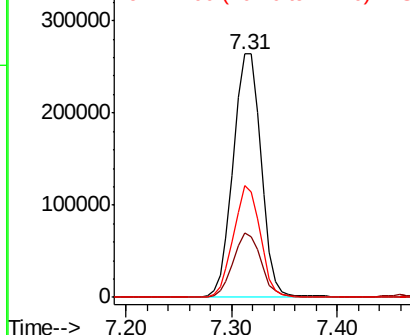
99 100

42 26.4 17.5 26.3#

71 46.0 32.0 48.0



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



#8

2-Chlorophenol

Concen: 42.598 ng

RT: 7.70 min Scan# 785

Delta R.T. 0.02 min

Lab File: BG042869.D

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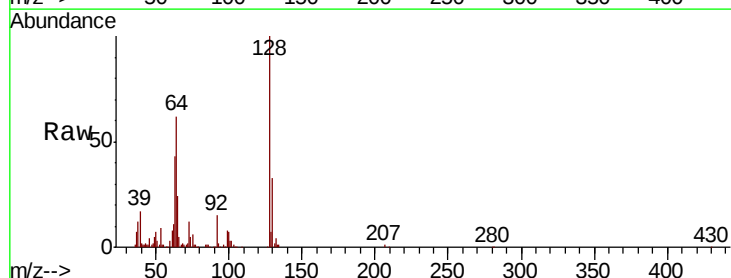
Tgt Ion: 128 Resp: 138460

Ion Ratio Lower Upper

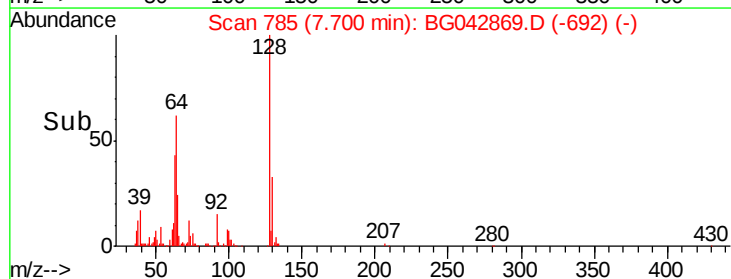
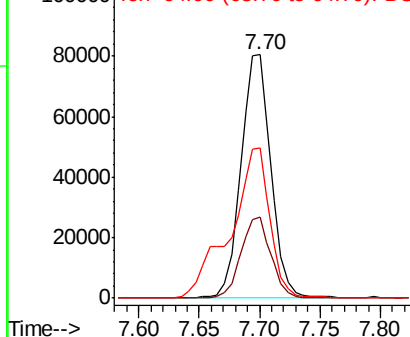
128 100

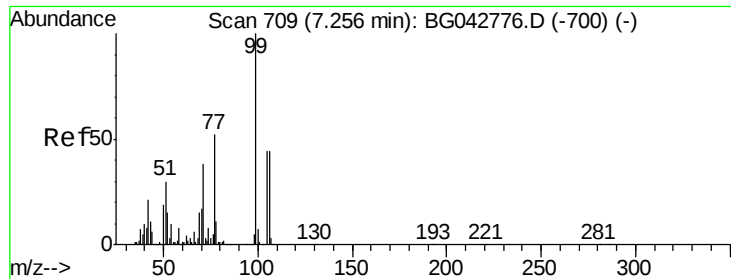
130 33.4 12.8 52.8

64 61.6 36.8 76.8



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: 31.433 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.02 min

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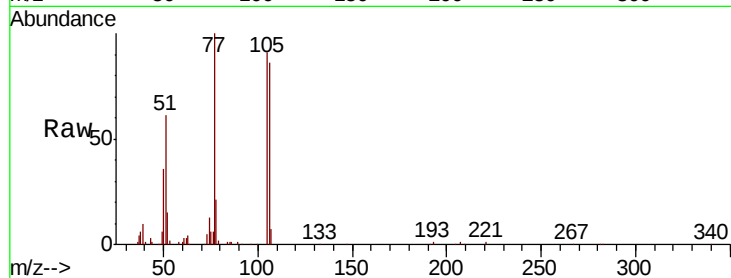
Tot Ion: 77 Resp: 88284

Ion Ratio Lower Upper

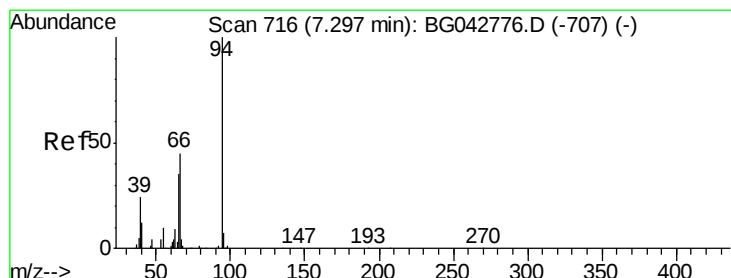
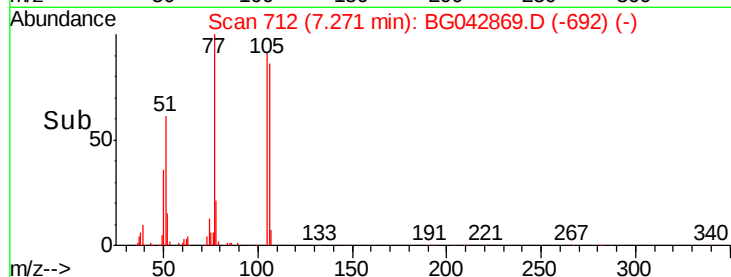
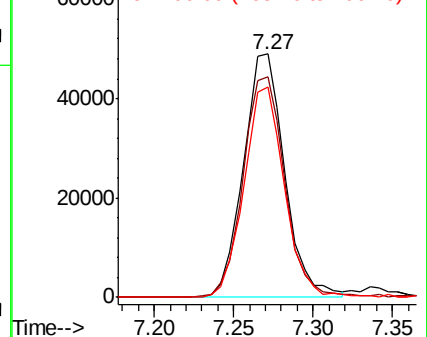
77 100

105 90.7 64.5 104.5

106 86.5 63.4 103.4



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



#10

Phenol

Concen: 43.125 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.04 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

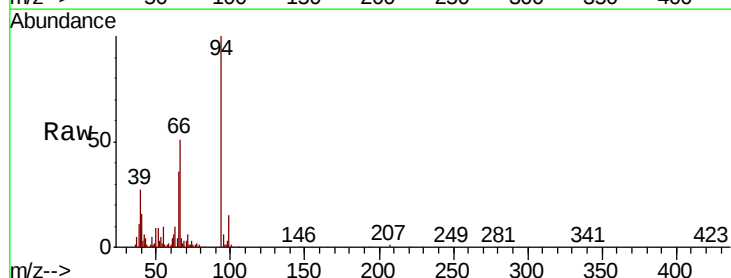
Tgt Ion: 94 Resp: 190880

Ion Ratio Lower Upper

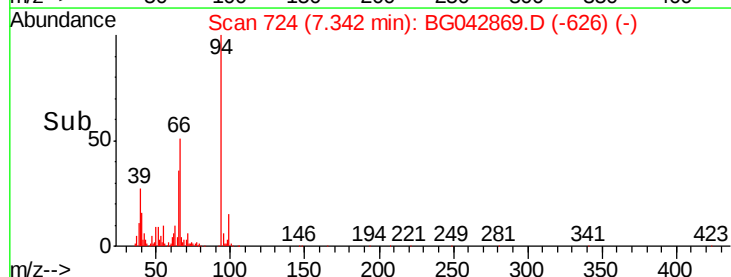
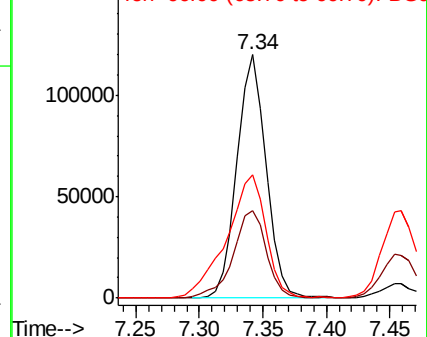
94 100

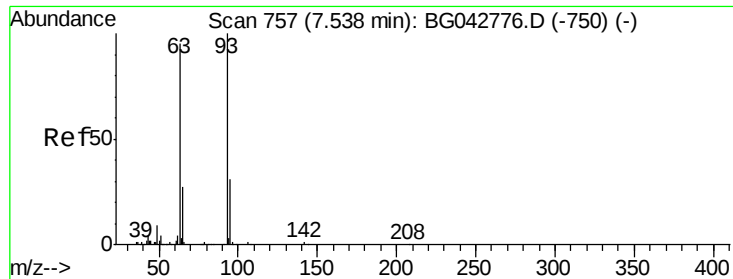
65 35.7 15.0 55.0

66 50.7 26.1 66.1



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

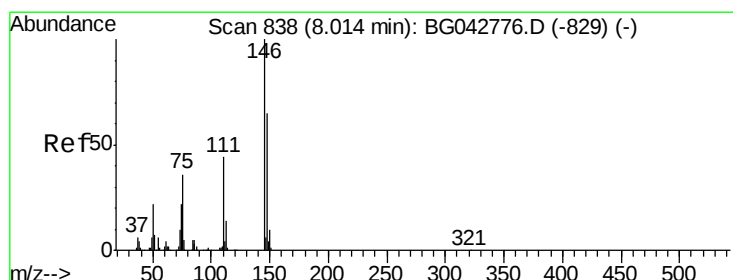
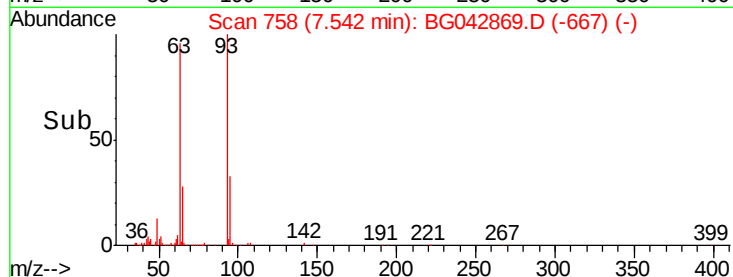
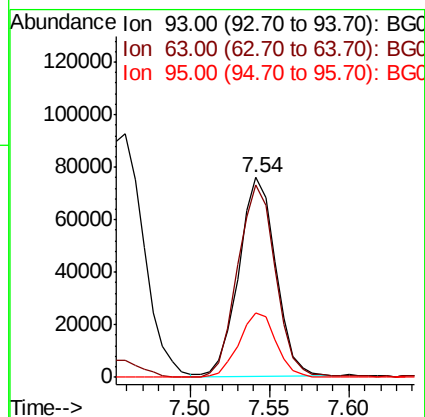
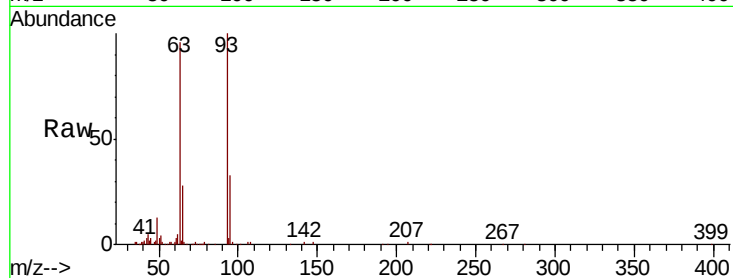




#11
bis(2-Chloroethyl)ether
Concen: 36.180 ng
RT: 7.54 min Scan# 758
Delta R.T. 0.00 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

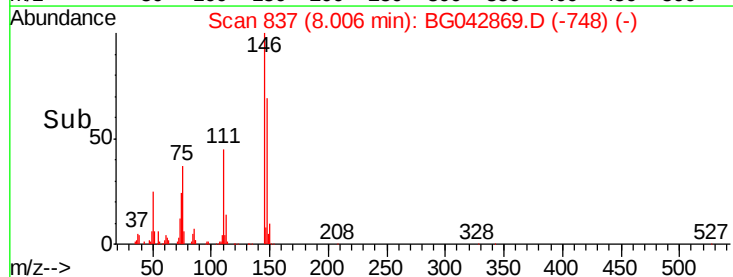
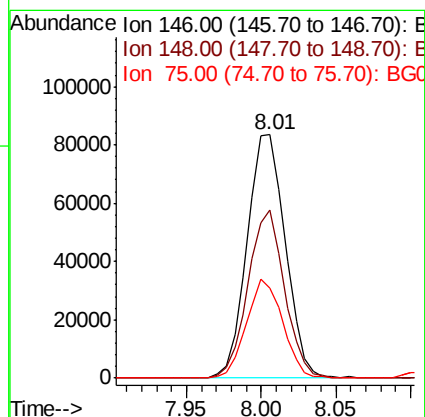
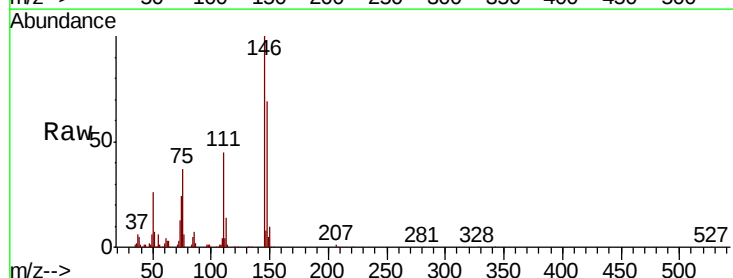
Instrument :
BNA_G
ClientSampleId :
PB123079BS

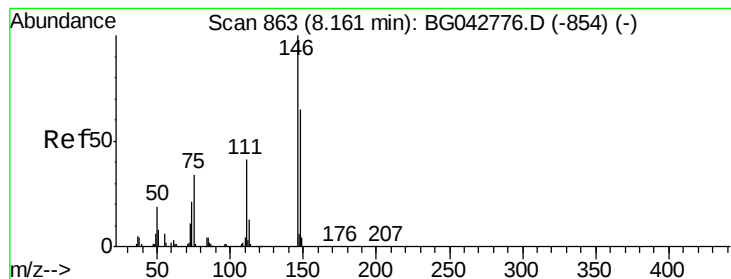
Tot Ion: 93 Resp: 122903
Ion Ratio Lower Upper
93 100
63 96.5 74.7 114.7
95 32.5 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 37.231 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

Tgt Ion: 146 Resp: 147601
Ion Ratio Lower Upper
146 100
148 68.9 51.9 77.9
75 36.9 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 38.629 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB123079BS

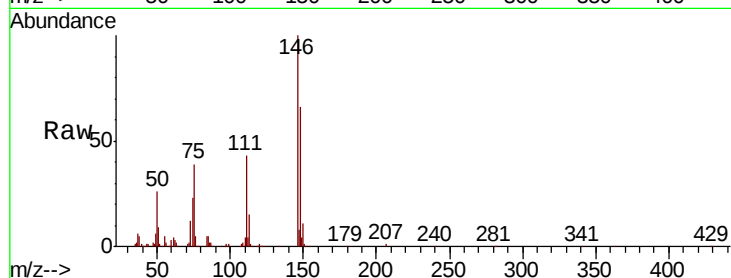
Tot Ion:146 Resp: 153322

Ion Ratio Lower Upper

146 100

148 66.2 52.2 78.4

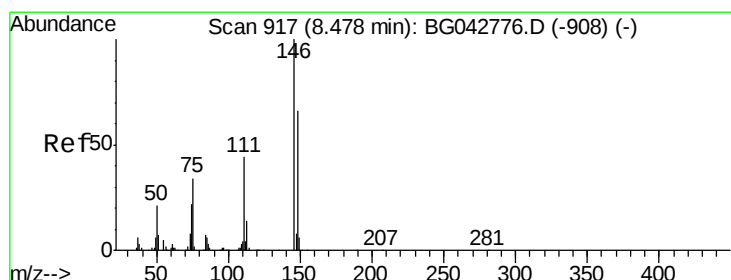
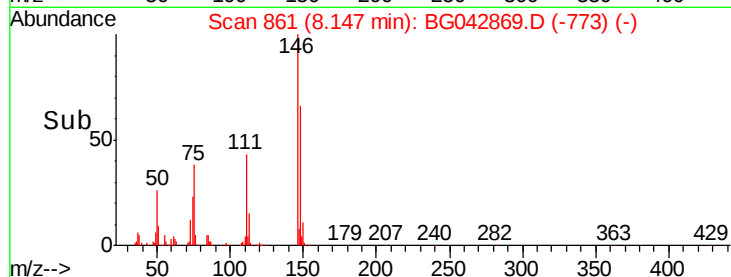
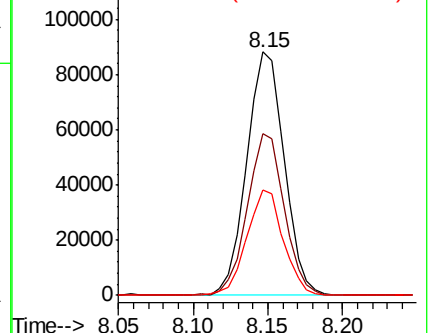
111 43.3 32.6 49.0



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: 37.839 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

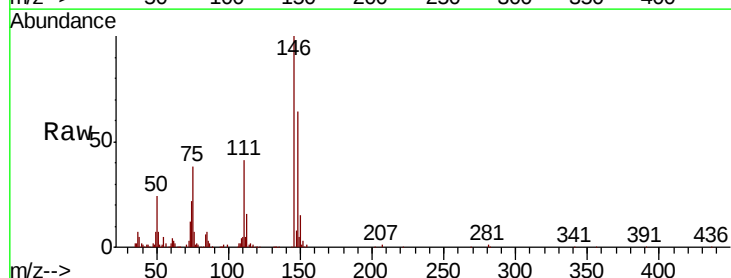
Tgt Ion:146 Resp: 142965

Ion Ratio Lower Upper

146 100

148 63.8 52.6 78.8

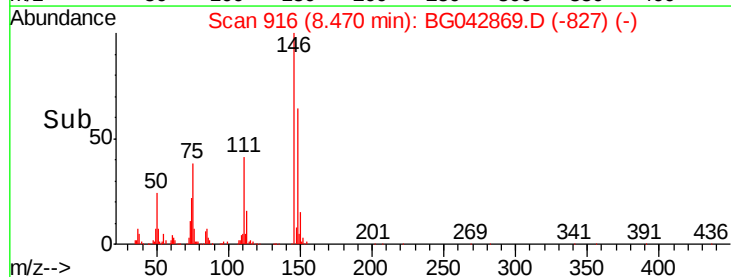
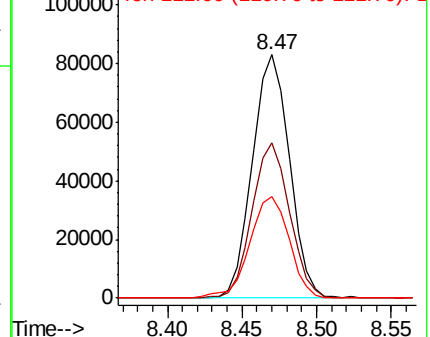
111 41.5 35.3 52.9

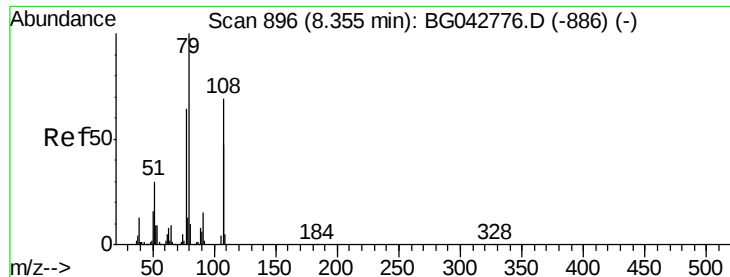


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.916 ng

RT: 8.38 min Scan# 901

Delta R.T. 0.03 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB123079BS

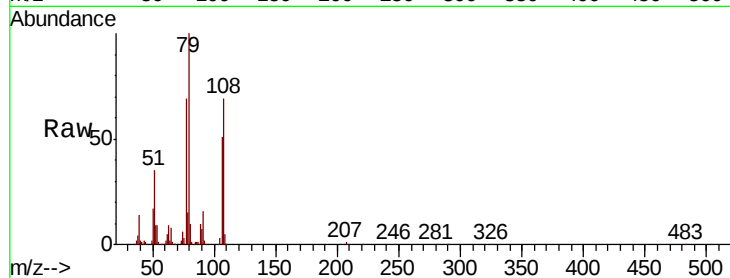
Tot Ion: 79 Resp: 147848

Ion Ratio Lower Upper

79 100

108 68.9 54.9 82.3

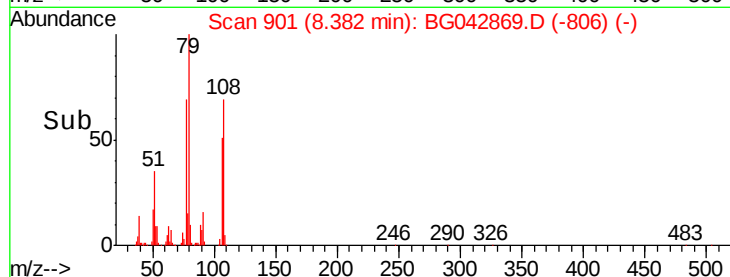
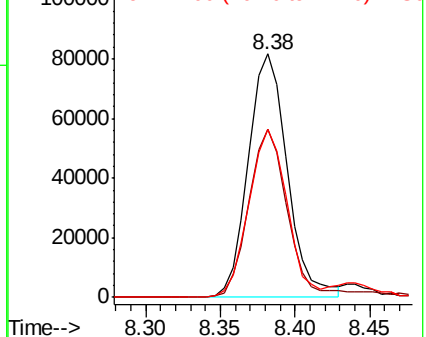
77 68.8 51.0 76.6



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: 40.319 ng

RT: 8.65 min Scan# 947

Delta R.T. -0.00 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

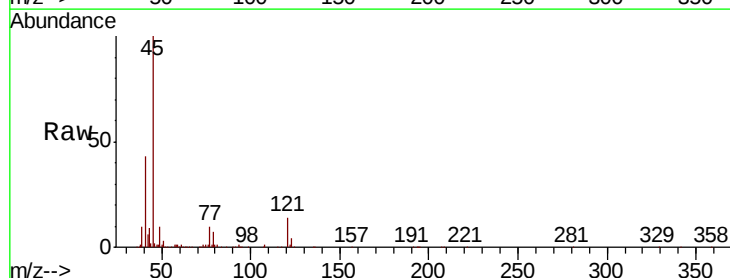
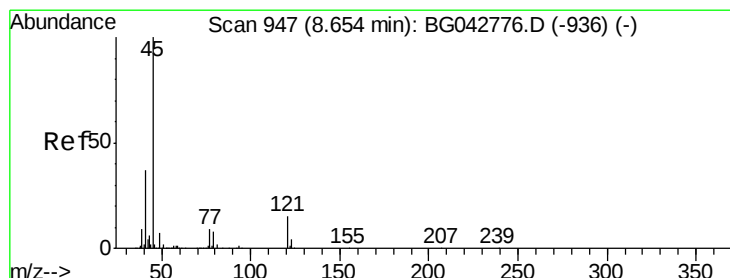
Tgt Ion: 45 Resp: 300769

Ion Ratio Lower Upper

45 100

77 9.7 0.0 29.4

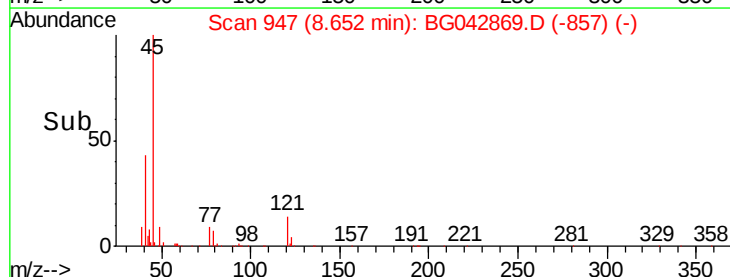
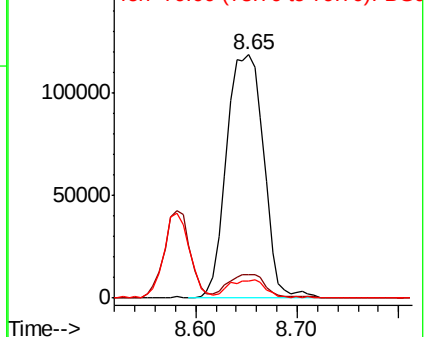
79 7.3 0.0 28.4

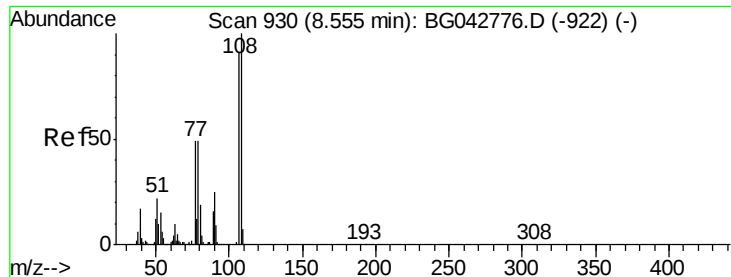


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 44.362 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.03 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB123079BS

Tot Ion:107 Resp: 131366

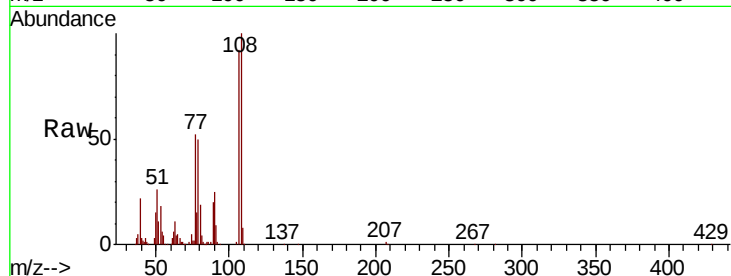
Ion Ratio Lower Upper

107 100

108 108.1 87.7 131.5

77 55.8 42.6 64.0

79 53.9 43.4 65.2

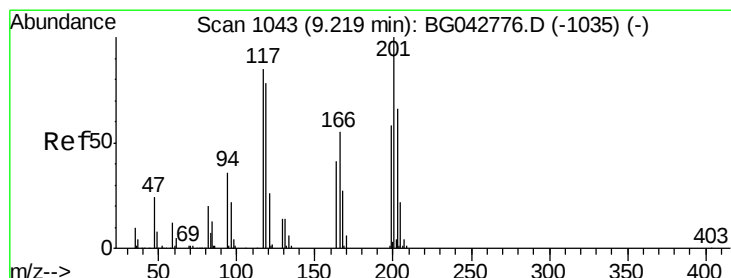
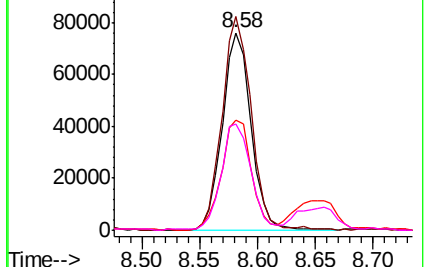
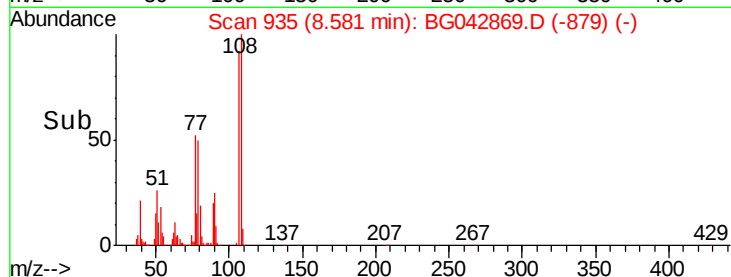


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.915 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

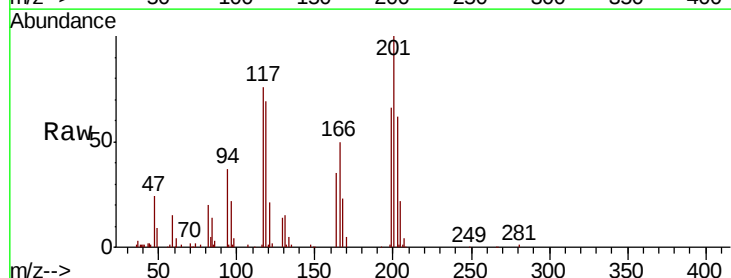
Tgt Ion:117 Resp: 57024

Ion Ratio Lower Upper

117 100

119 91.4 73.8 110.8

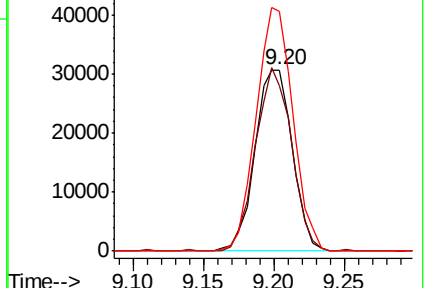
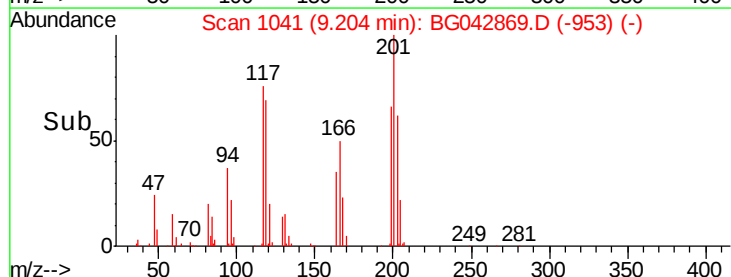
201 132.4 94.6 142.0

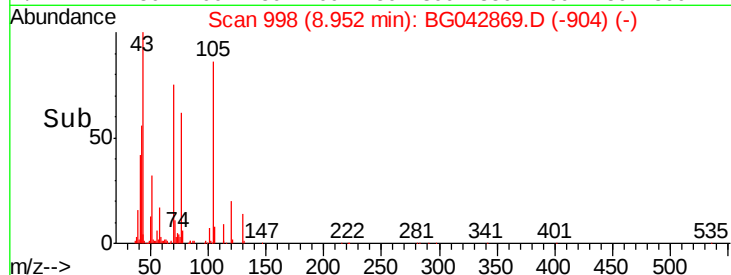
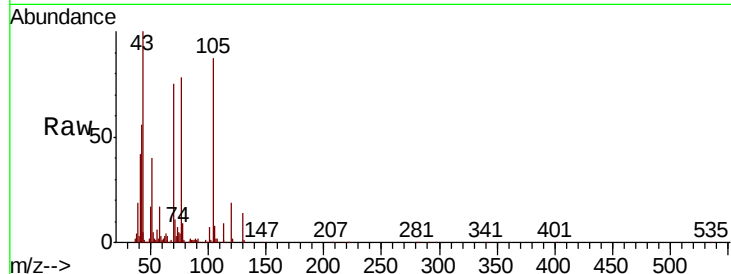
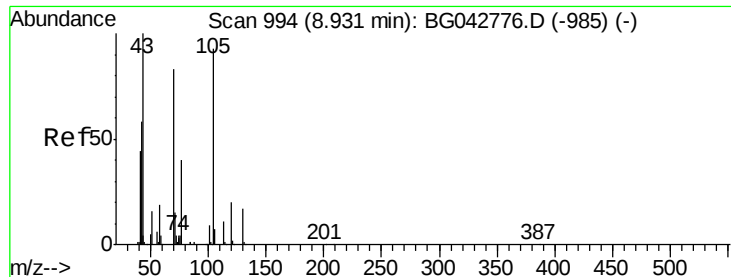


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

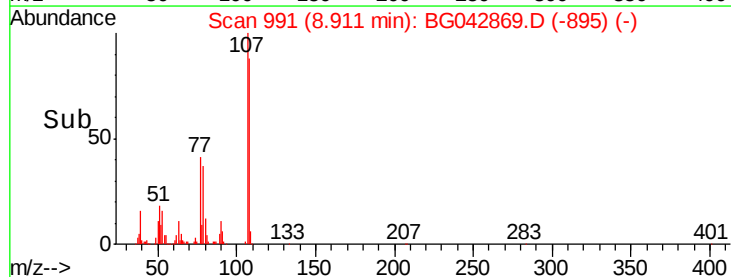
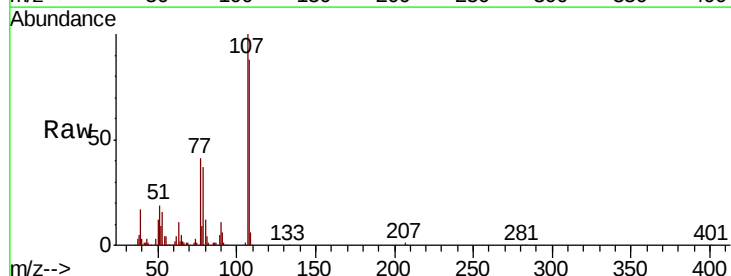
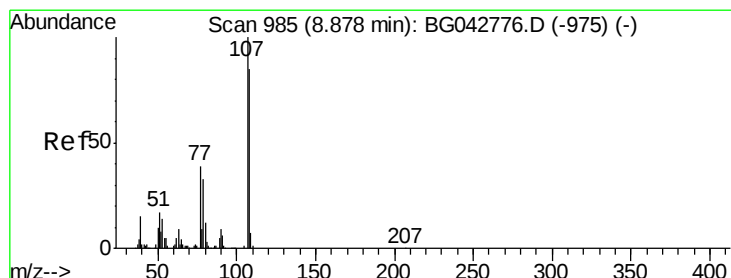
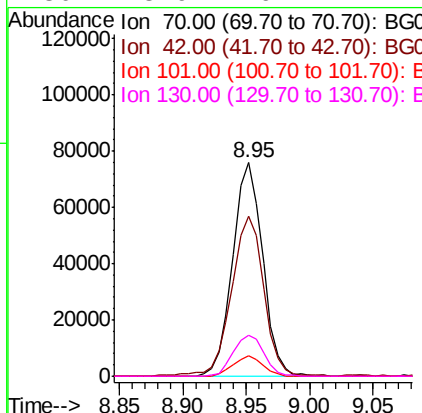




#19
n-Nitroso-di-n-propylamine
Concen: 39.101 ng
RT: 8.95 min Scan# 998
Delta R.T. 0.02 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

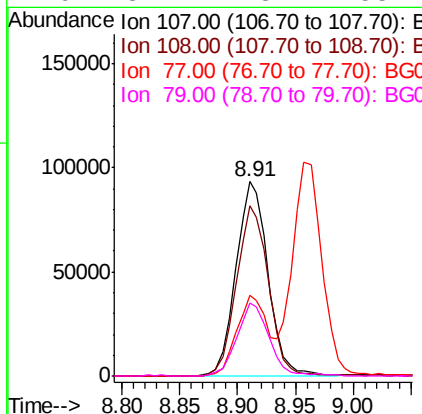
Instrument :
BNA_G
ClientSampleId :
PB123079BS

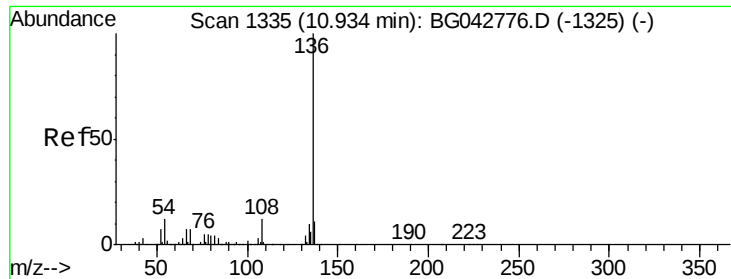
Tot Ion:	70	Resp:	124353
Ion	Ratio	Lower	Upper
70	100		
42	75.1	57.0	85.6
101	9.7	8.4	12.6
130	18.9	16.1	24.1



#20
3+4-Methylphenols
Concen: 43.830 ng
RT: 8.91 min Scan# 991
Delta R.T. 0.03 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

Tgt Ion:	107	Resp:	178912
Ion	Ratio	Lower	Upper
107	100		
108	87.8	65.4	105.4
77	41.2	18.7	58.7
79	37.4	13.7	53.7

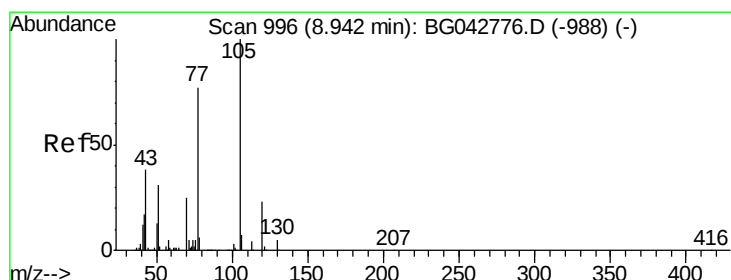
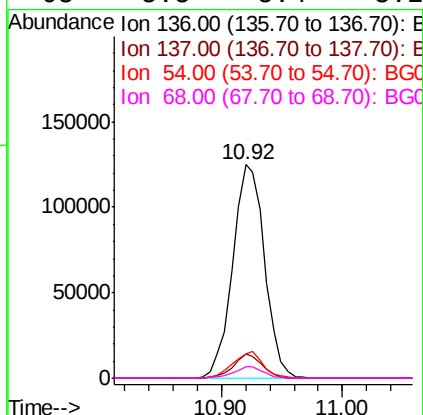
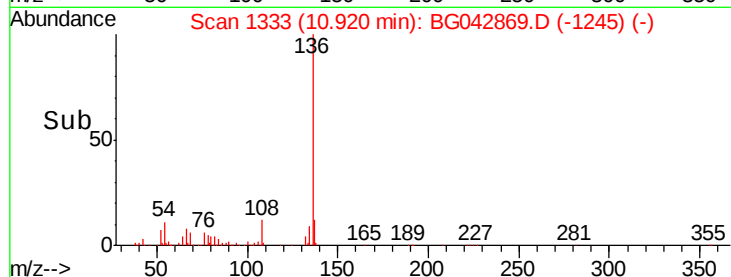
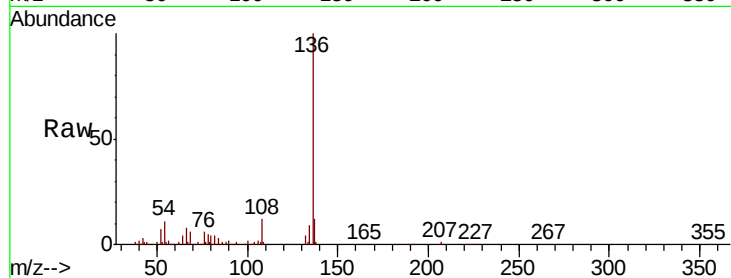




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

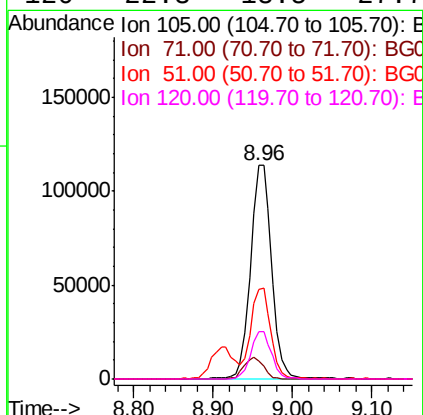
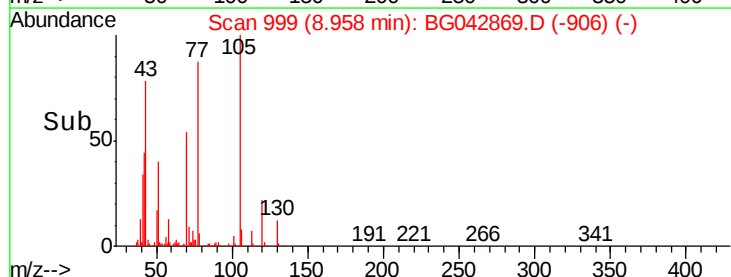
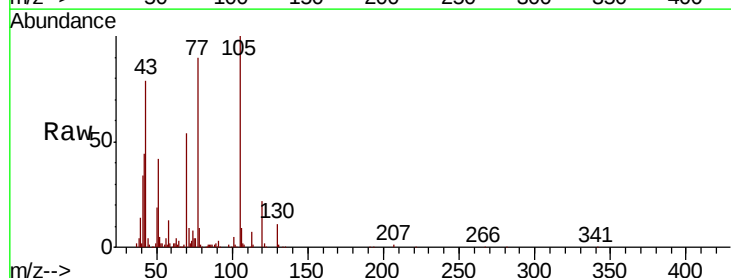
Instrument :
BNA_G
ClientSampleId :
PB123079BS

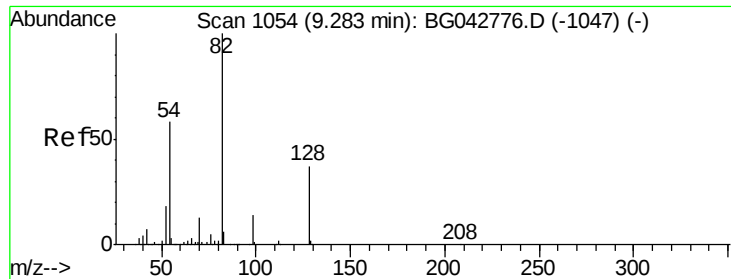
Tot Ion:136	Resp:	229436	
Ion Ratio	Lower	Upper	
136 100			
137 11.6	9.0	13.6	
54 11.3	9.4	14.0	
68 5.5	5.4	8.2	



#22
Acetophenone
Concen: 36.450 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.02 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

Tgt	Ion:105	Resp:	211206
Ion	Ratio	Lower	Upper
105	100		
71	8.7	3.7	5.5#
51	42.1	28.8	43.2
120	22.3	18.5	27.7

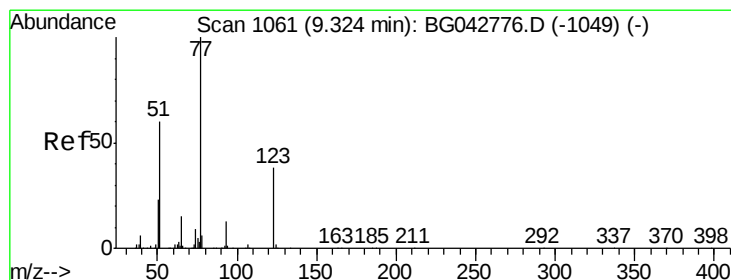
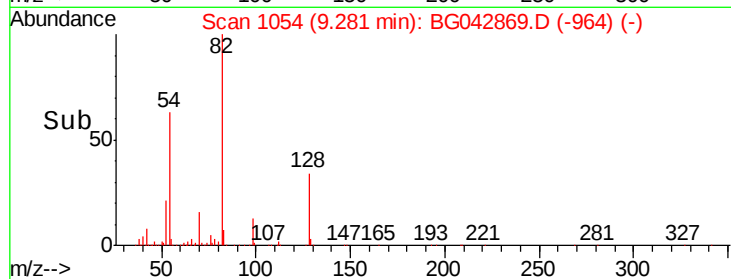
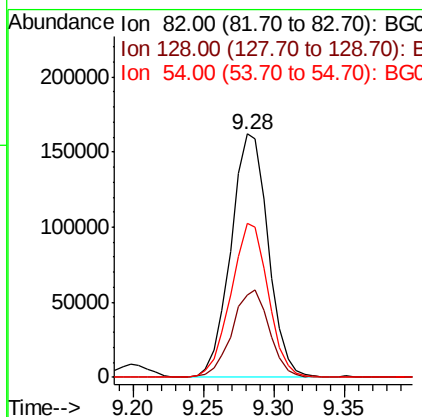
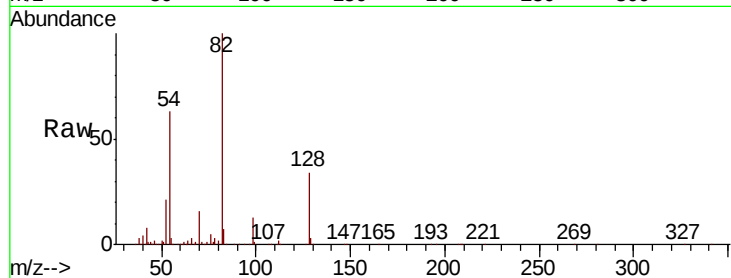




#23
 Nitrobenzene-d5
 Concen: 67.648 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG042869.D
 Acq: 17 Sep 2019 16:13

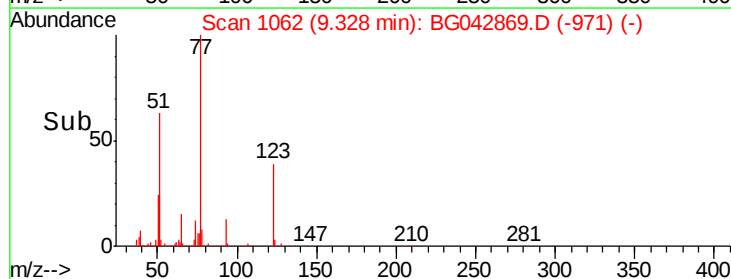
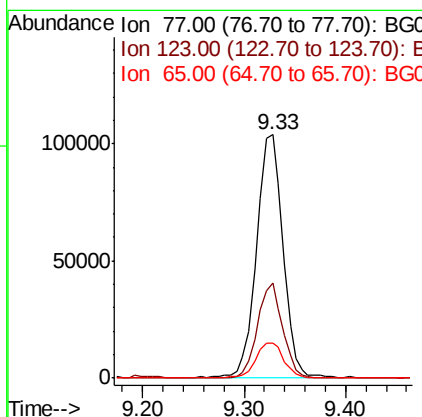
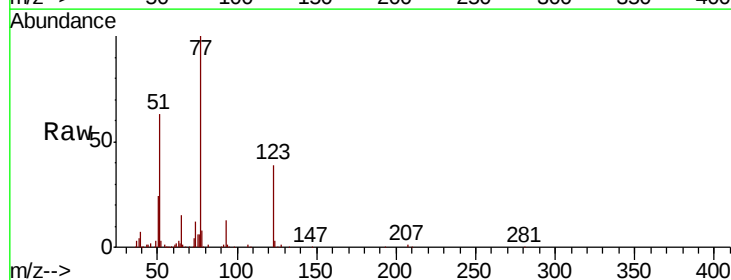
Instrument :
 BNA_G
 ClientSampleId :
 PB123079BS

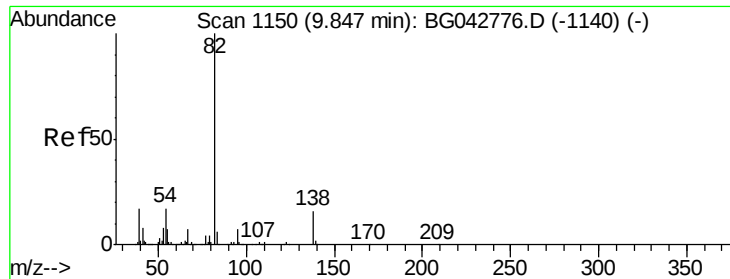
Tot Ion	82	Resp	298119
Ion Ratio	Lower	Upper	
82	100		
128	34.0	29.8	44.8
54	63.3	46.1	69.1



#24
 Nitrobenzene
 Concen: 40.780 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG042869.D
 Acq: 17 Sep 2019 16:13

Tgt Ion	77	Resp	188637
Ion Ratio	Lower	Upper	
77	100		
123	38.8	30.7	46.1
65	14.5	12.2	18.4





#25

Isophorone

Concen: 36.452 ng

RT: 9.90 min Scan# 1159

Delta R.T. 0.05 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB123079BS

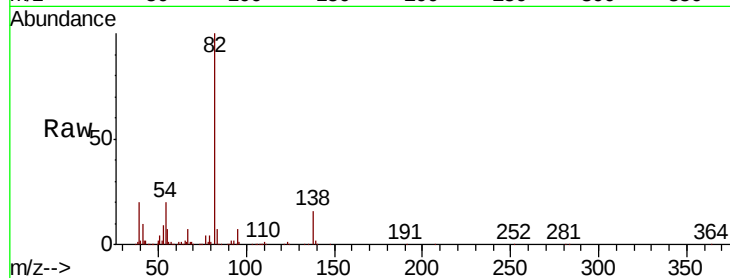
Tot Ion: 82 Resp: 334844

Ion Ratio Lower Upper

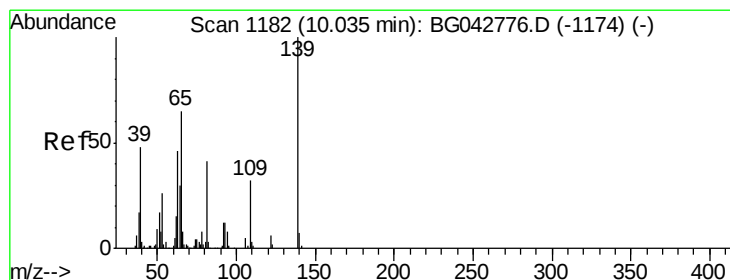
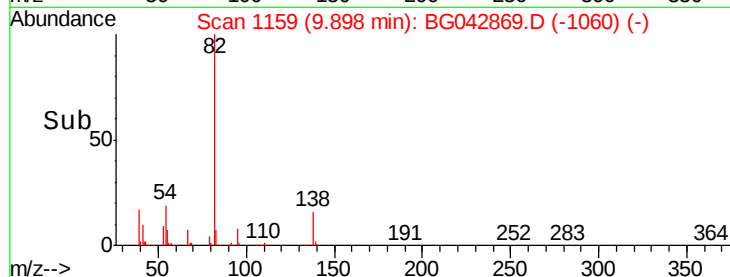
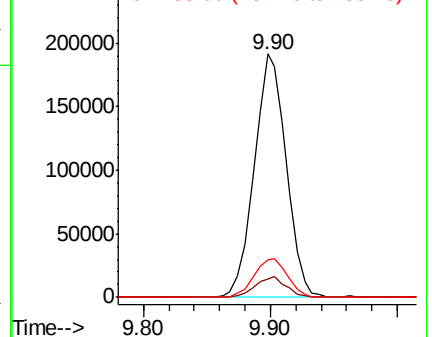
82 100

95 7.5 5.8 8.8

138 15.7 12.9 19.3



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



#26

2-Nitrophenol

Concen: 43.708 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

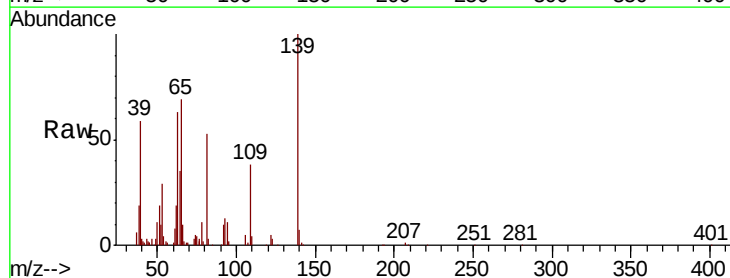
Tgt Ion: 139 Resp: 79504

Ion Ratio Lower Upper

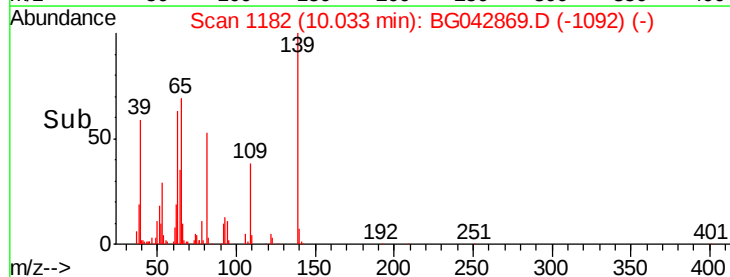
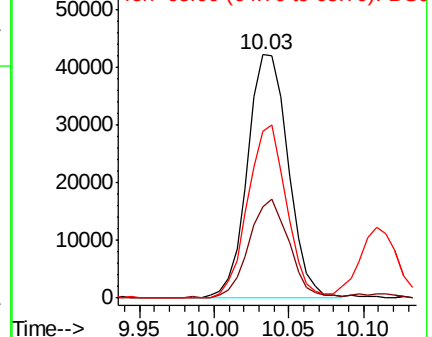
139 100

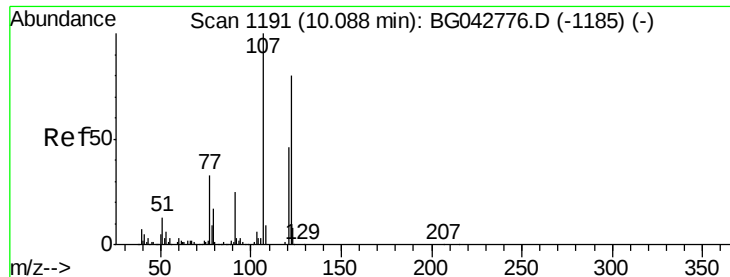
109 37.7 25.8 38.8

65 68.5 52.2 78.2



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

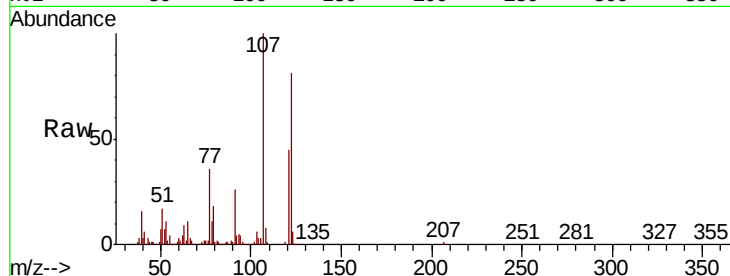




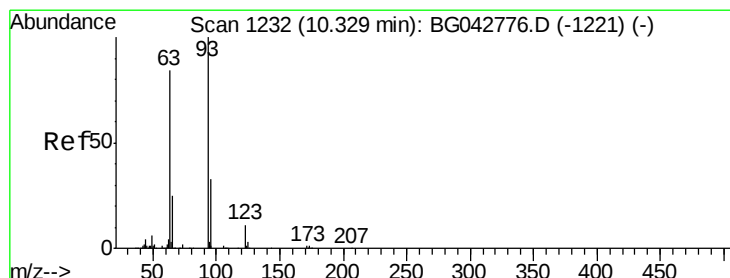
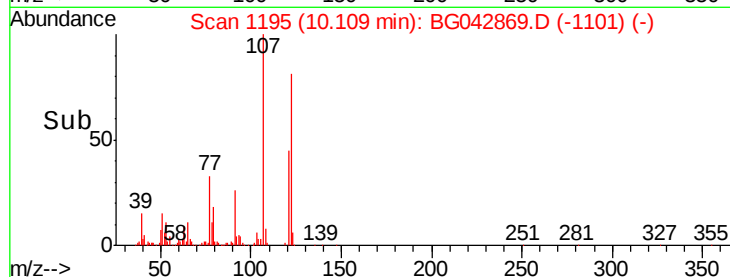
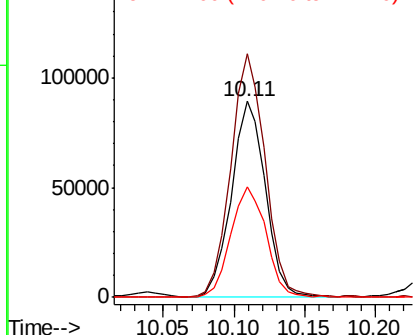
#27
2,4-Dimethylphenol
Concen: 46.315 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.02 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB123079BS

Tot Ion:122 Resp: 149024
Ion Ratio Lower Upper
122 100
107 124.2 98.9 148.3
121 56.2 46.2 69.2

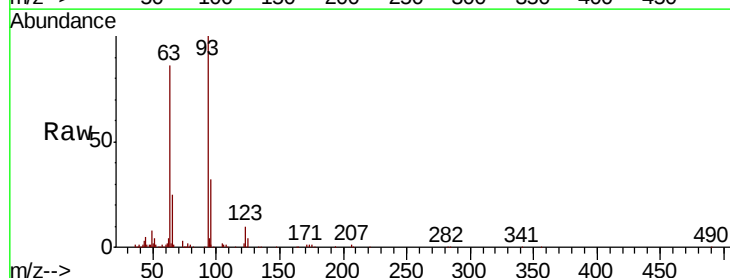


Abundance Ion 122.00 (121.70 to 122.70): E
150000 Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

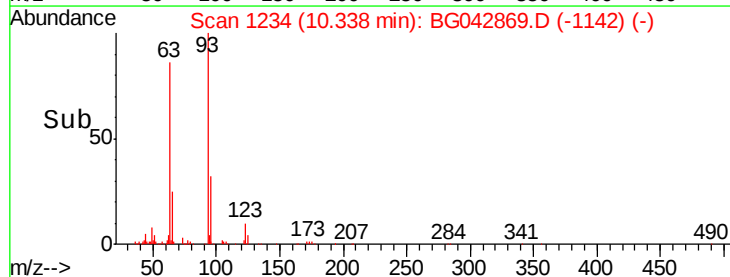
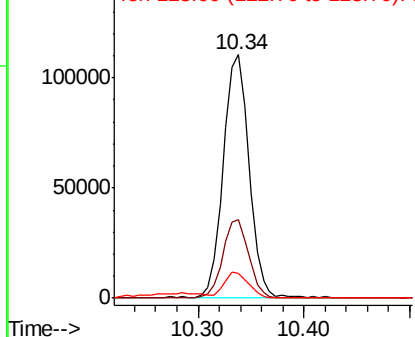


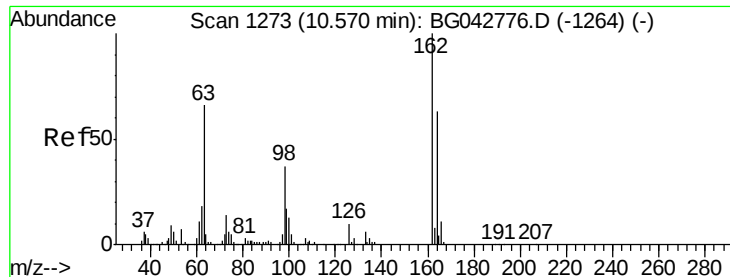
#28
bis(2-Chloroethoxy)methane
Concen: 36.411 ng
RT: 10.34 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

Tgt Ion: 93 Resp: 186526
Ion Ratio Lower Upper
93 100
95 32.4 26.6 40.0
123 10.2 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
150000 Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

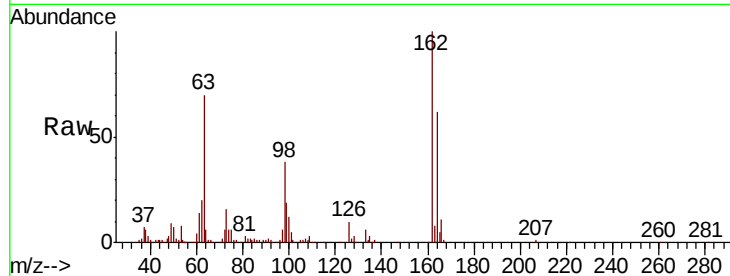




#29
 2,4-Dichlorophenol
 Concen: 44.030 ng
 RT: 10.59 min Scan# 1276
 Delta R.T. 0.02 min
 Lab File: BG042869.D
 Acq: 17 Sep 2019 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB123079BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	43.4	83.4
98	37.9	17.0	57.0

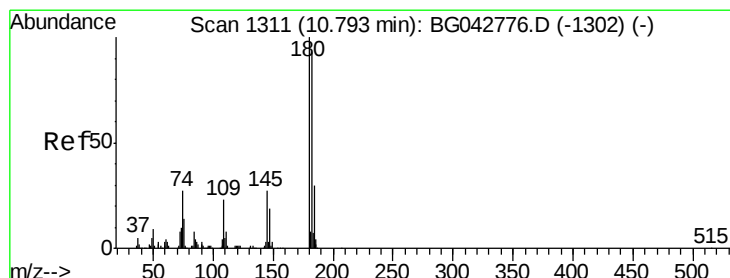
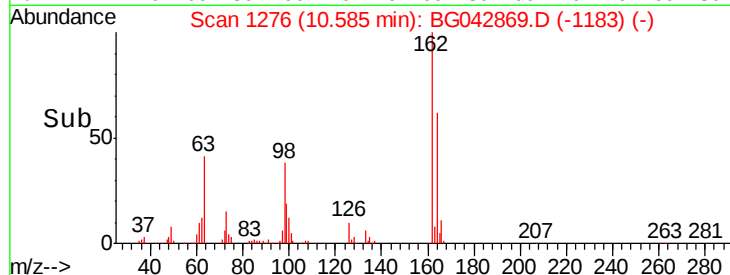
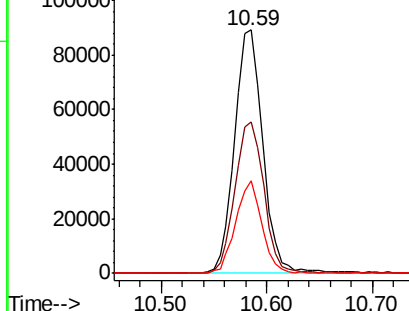


Abundance

Ion 162.00 (161.70 to 162.70): E

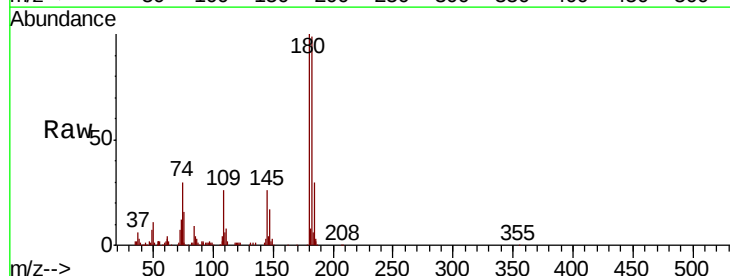
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 38.267 ng
 RT: 10.78 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BG042869.D
 Acq: 17 Sep 2019 16:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	74.6	112.0
145	26.4	21.8	32.6

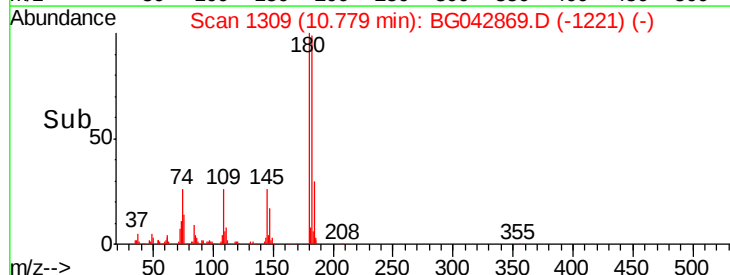
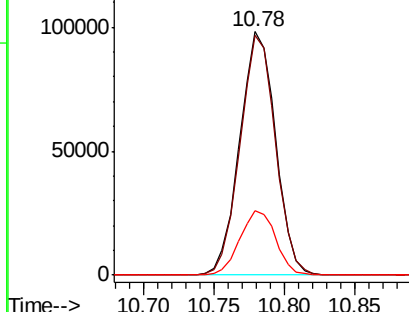


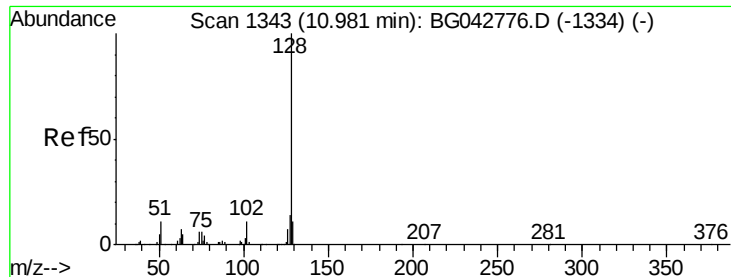
Abundance

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

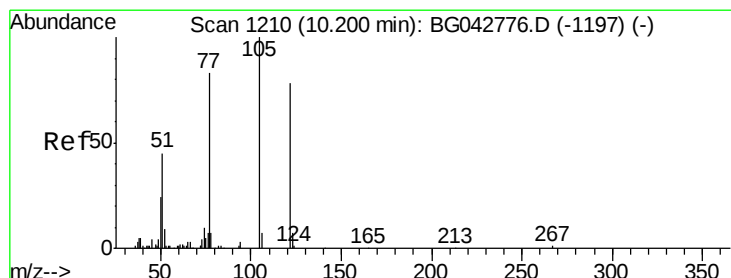
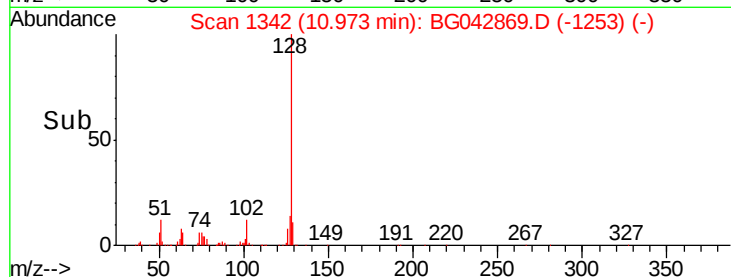
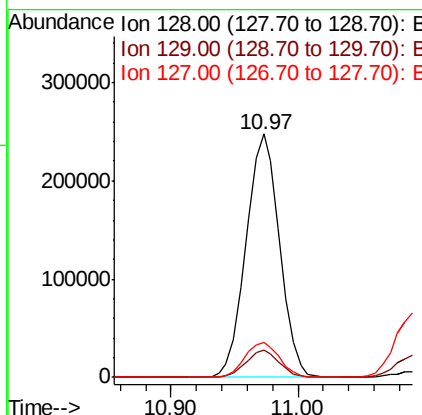
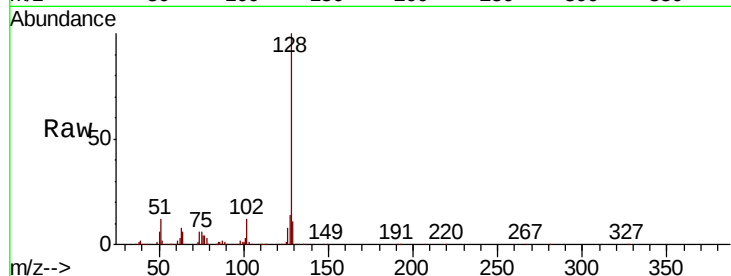




#31
Naphthalene
Concen: 40.046 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

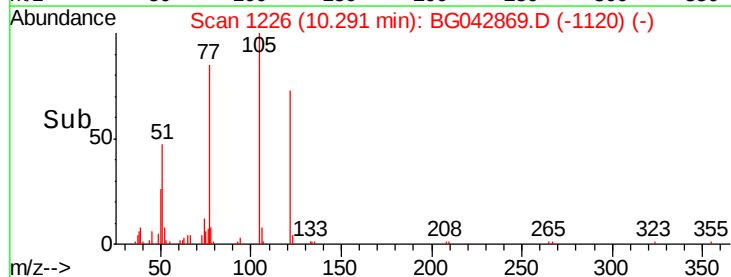
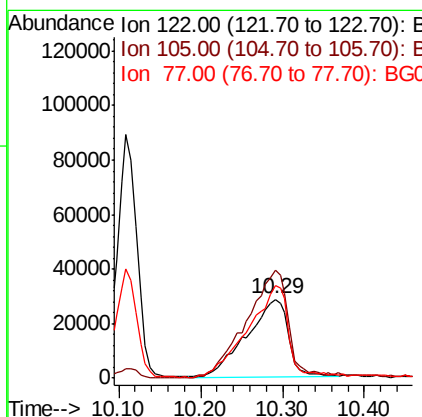
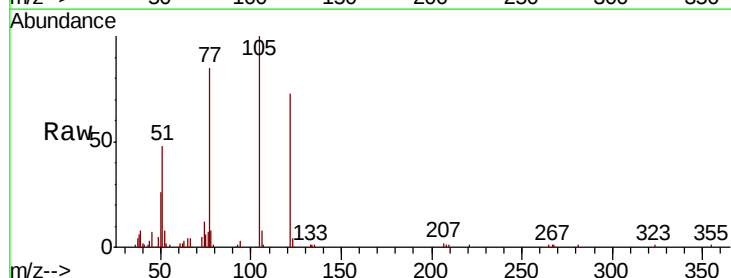
Instrument :
BNA_G
ClientSampleId :
PB123079BS

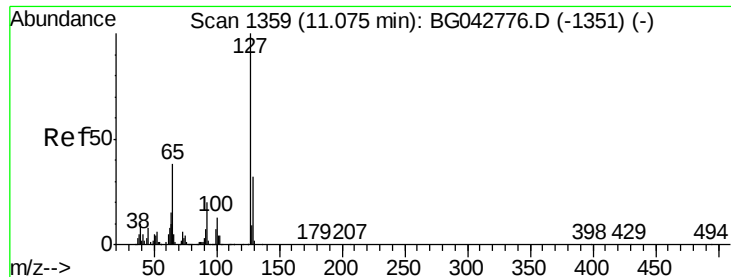
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	14.4	11.4	17.2



#32
Benzoic acid
Concen: 40.177 ng
RT: 10.29 min Scan# 1226
Delta R.T. 0.09 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.4	104.0	144.0
77	117.0	84.2	124.2

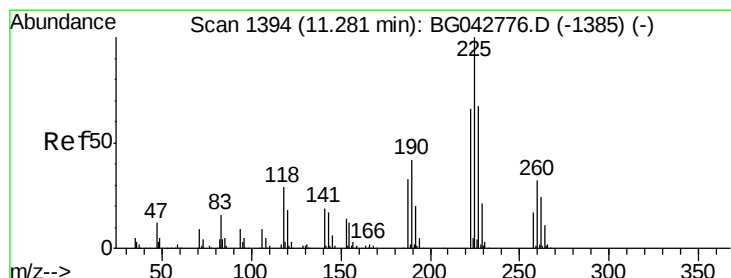
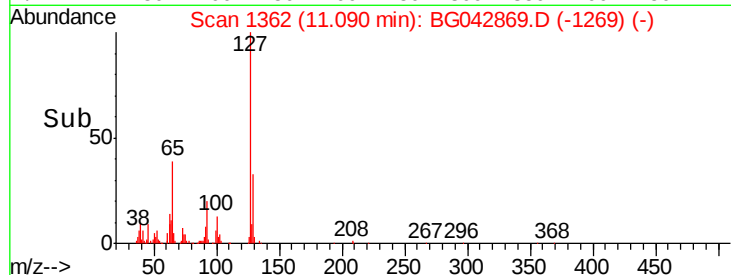
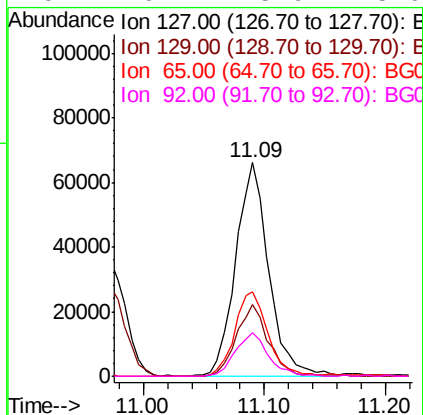
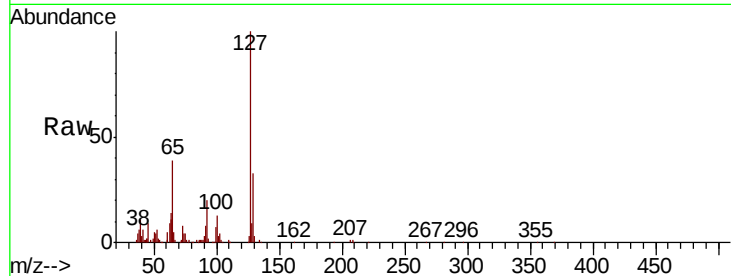




#33
4-Chloroaniline
Concen: 23.829 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.02 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

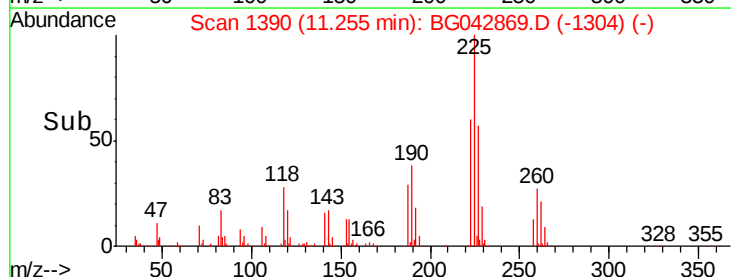
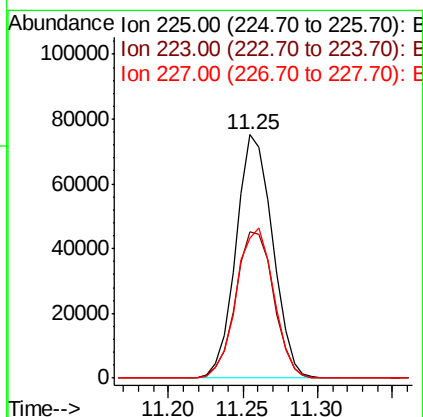
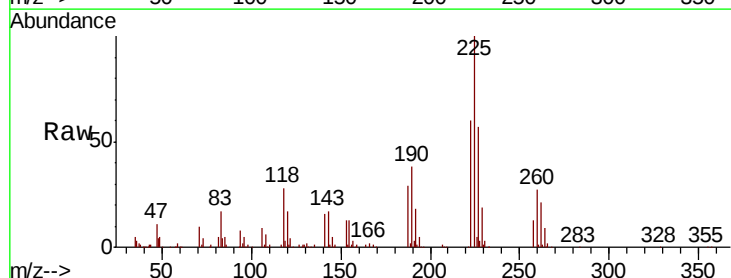
Instrument :
BNA_G
ClientSampleId :
PB123079BS

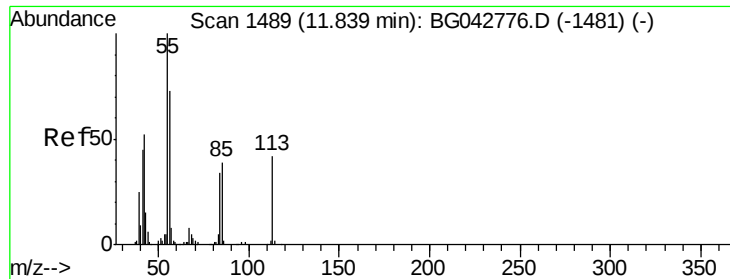
Tot Ion:	127	Resp:	126169
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.8	38.6
65	39.4	30.5	45.7
92	20.1	15.9	23.9



#34
Hexachlorobutadiene
Concen: 40.118 ng
RT: 11.25 min Scan# 1390
Delta R.T. -0.03 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

Tgt Ion:	225	Resp:	128313
Ion	Ratio	Lower	Upper
225	100		
223	60.0	52.6	79.0
227	57.4	53.6	80.4

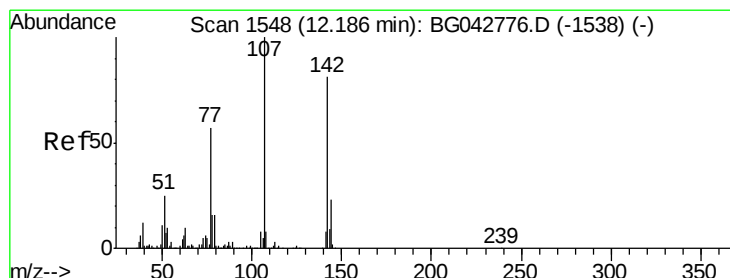
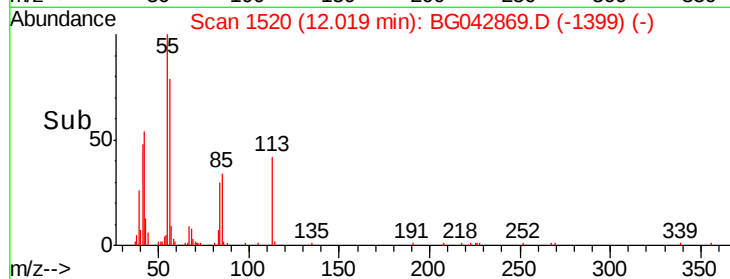
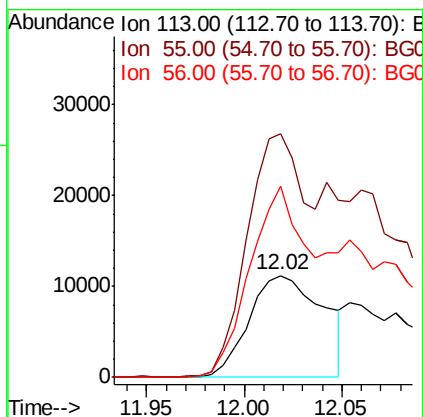
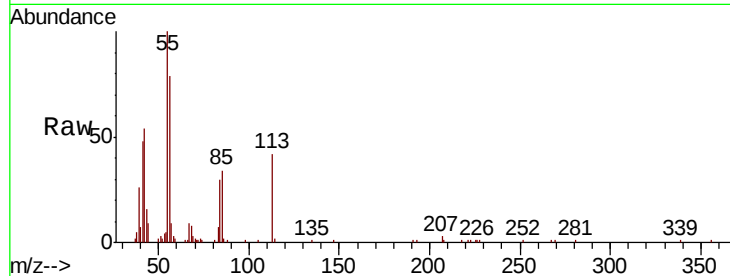




#35
 Caprolactam
 Concen: 21.260 ng
 RT: 12.02 min Scan# 1520
 Delta R.T. 0.18 min
 Lab File: BG042869.D
 Acq: 17 Sep 2019 16:13

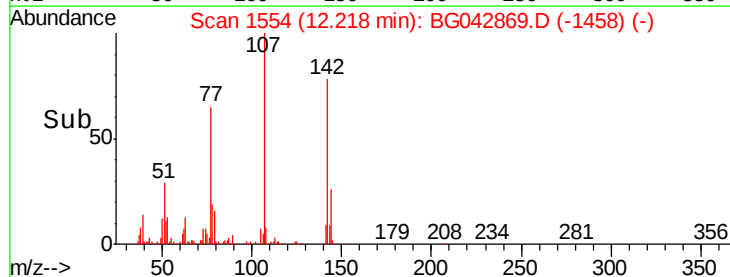
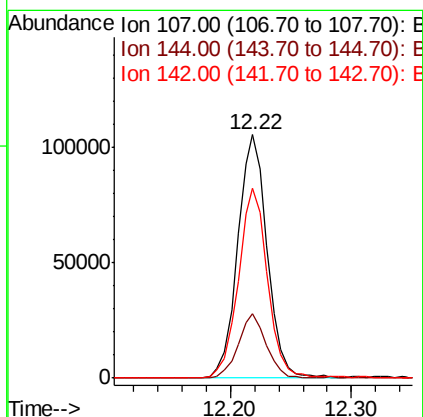
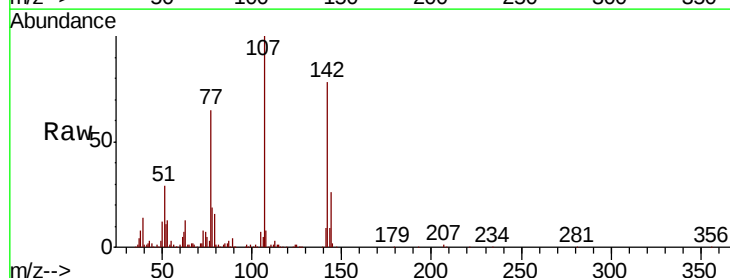
Instrument :
 BNA_G
 ClientSampleId :
 PB123079BS

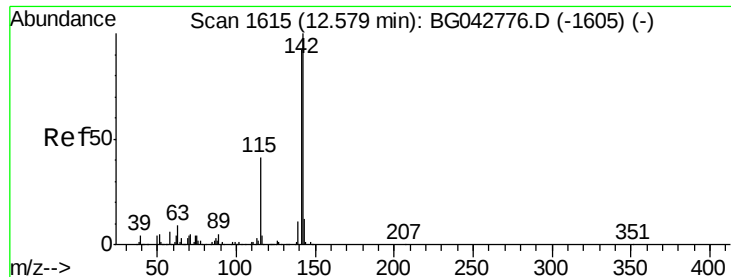
Tot Ion:113 Resp: 29561
 Ion Ratio Lower Upper
 113 100
 55 239.3 218.4 258.4
 56 188.3 154.8 194.8



#36
 4-Chloro-3-methylphenol
 Concen: 44.015 ng
 RT: 12.22 min Scan# 1554
 Delta R.T. 0.03 min
 Lab File: BG042869.D
 Acq: 17 Sep 2019 16:13

Tgt Ion:107 Resp: 178690
 Ion Ratio Lower Upper
 107 100
 144 26.4 18.7 28.1
 142 78.2 65.0 97.4

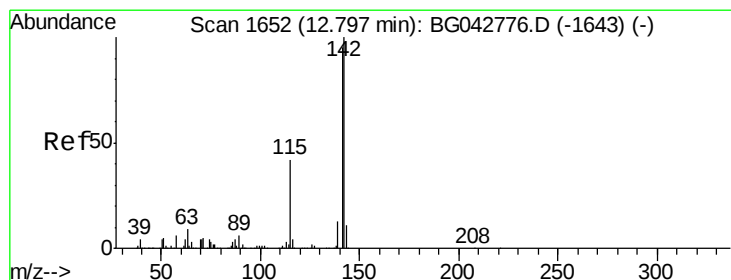
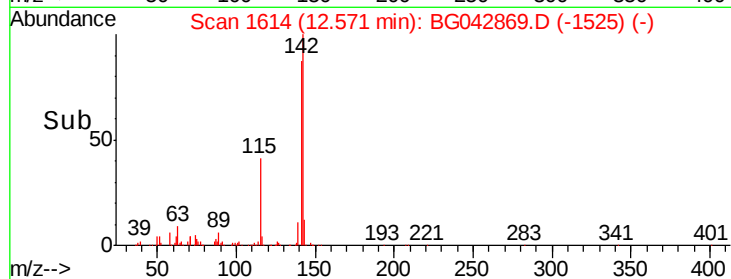
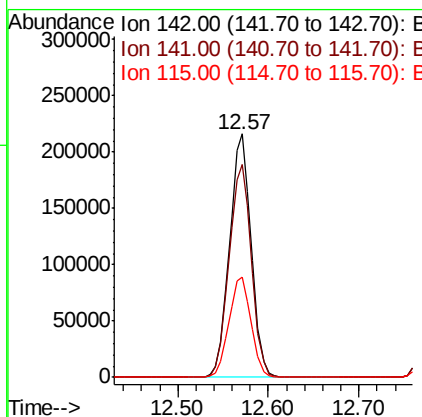
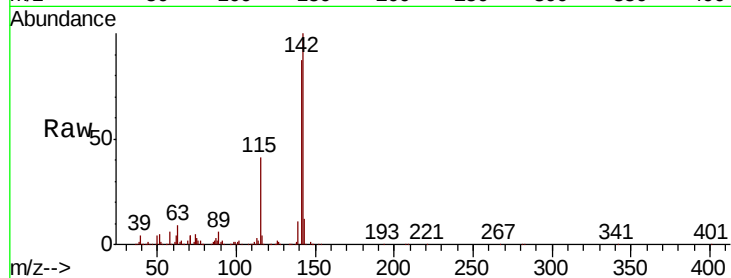




#37
 2-Methylnaphthalene
 Concen: 42.263 ng
 RT: 12.57 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BG042869.D
 Acq: 17 Sep 2019 16:13

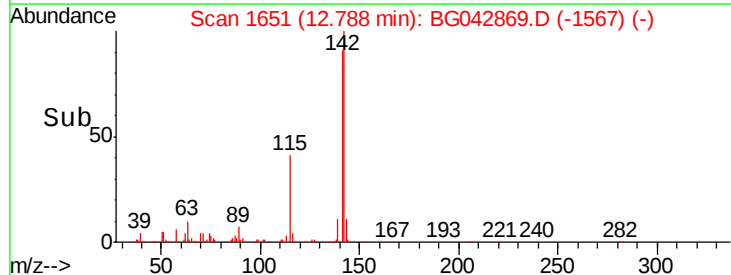
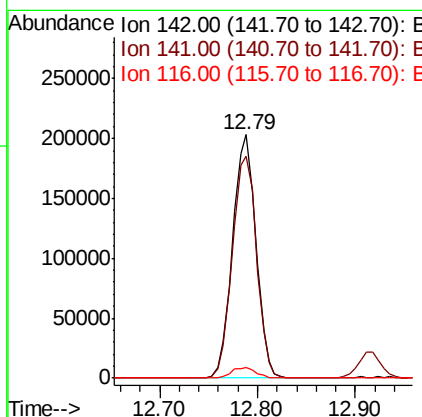
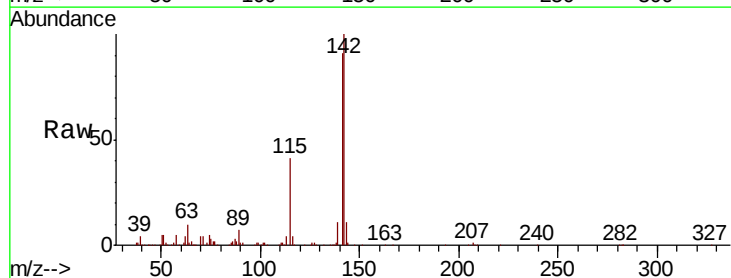
Instrument :
 BNA_G
 ClientSampleId :
 PB123079BS

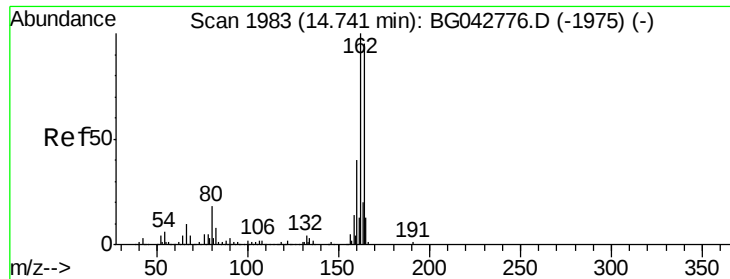
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	73.8	110.8
115	41.2	33.0	49.4



#38
 1-Methylnaphthalene
 Concen: 42.545 ng
 RT: 12.79 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BG042869.D
 Acq: 17 Sep 2019 16:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	76.3	114.5
116	4.3	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB123079BS

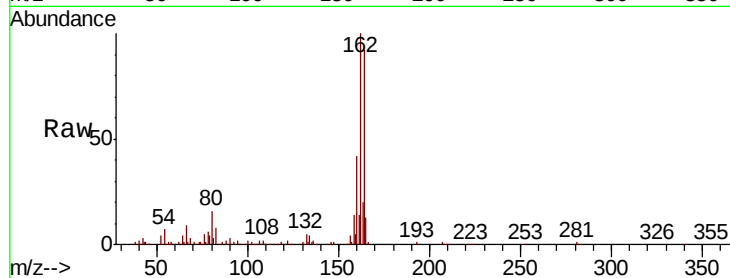
Tot Ion:164 Resp: 181726

Ion Ratio Lower Upper

164 100

162 108.4 84.6 126.8

160 46.0 34.2 51.2

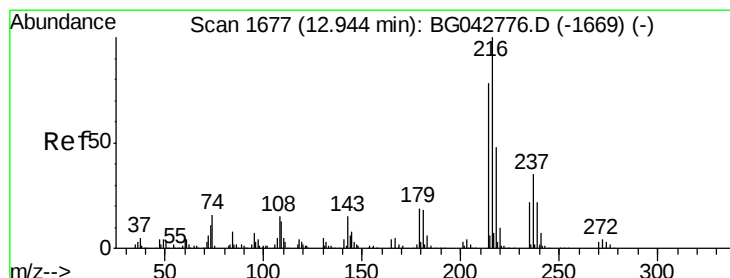
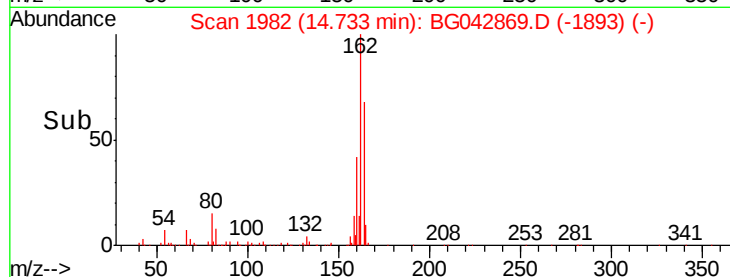
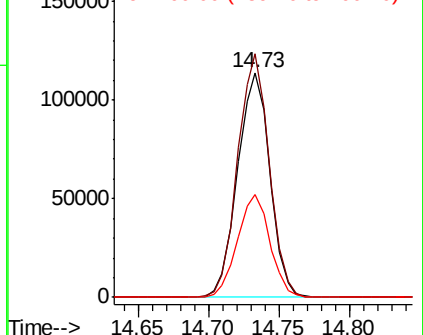


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.922 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Tgt Ion:216 Resp: 233732

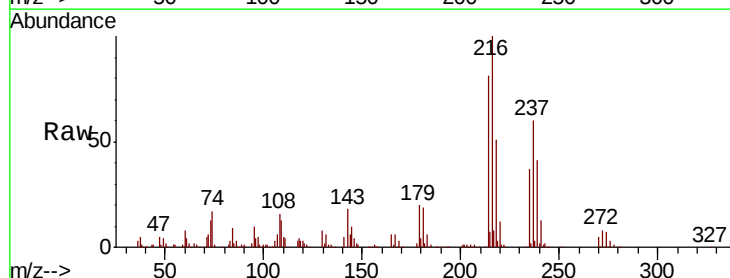
Ion Ratio Lower Upper

216 100

214 81.0 62.8 94.2

179 19.6 15.3 22.9

108 19.0 12.9 19.3



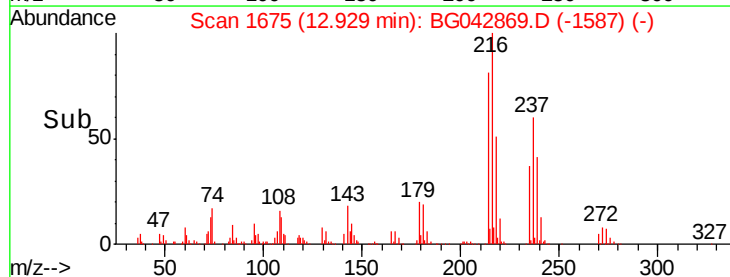
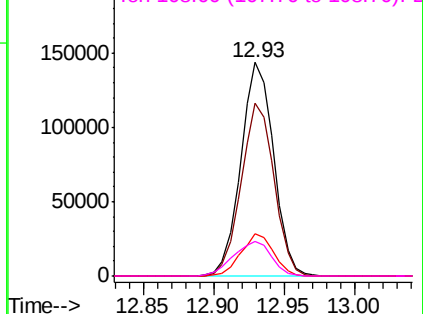
Abundance

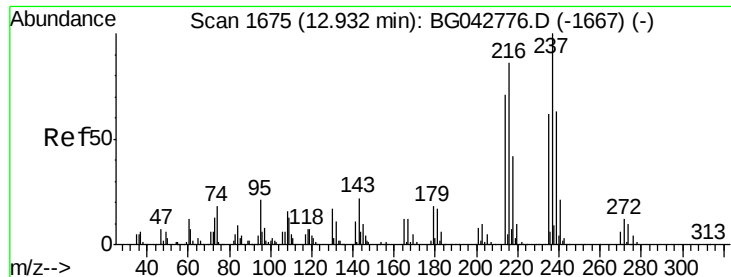
Ion 216.00 (215.70 to 216.70): E

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: 100.792 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB123079BS

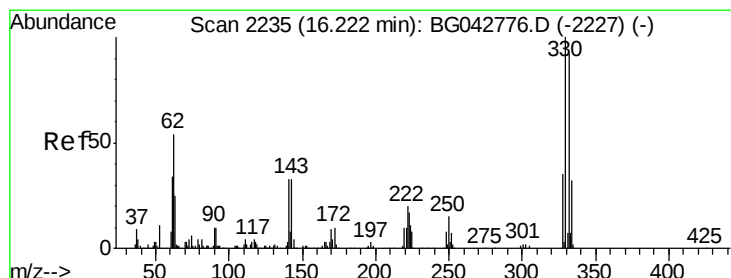
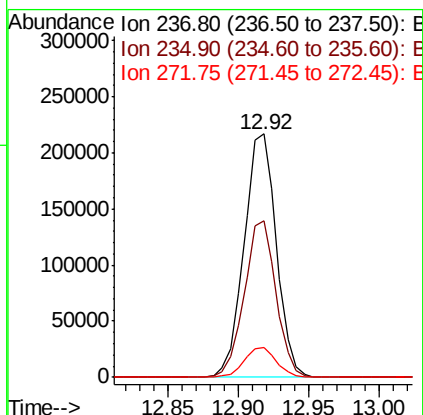
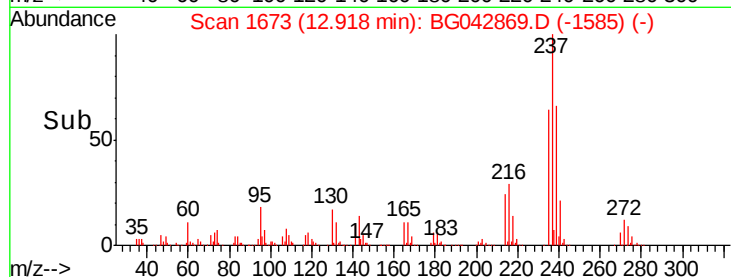
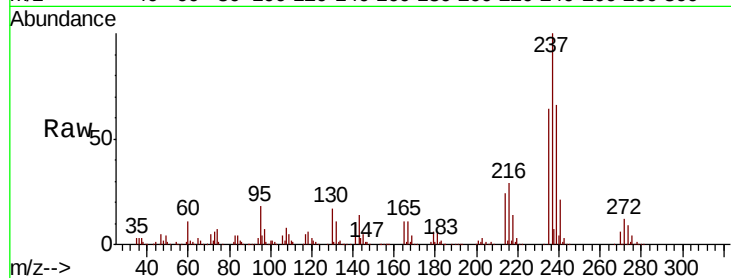
Tot Ion:237 Resp: 346738

Ion Ratio Lower Upper

237 100

235 64.1 41.9 81.9

272 12.1 0.0 31.6



#42

2,4,6-Tribromophenol

Concen: 124.764 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

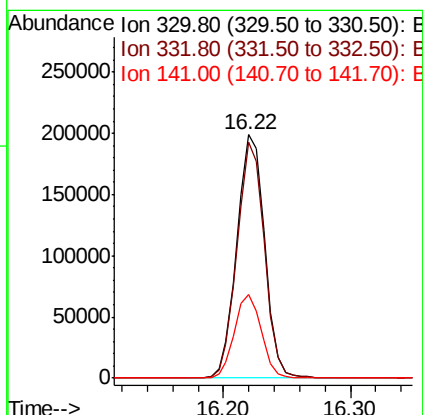
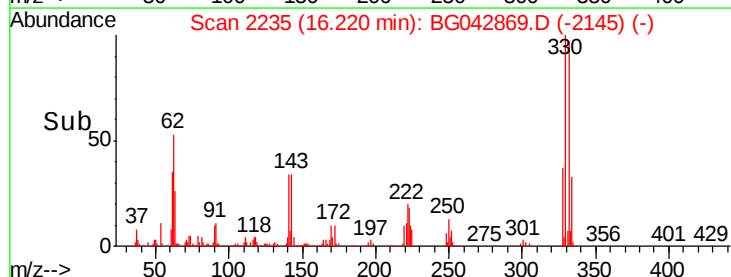
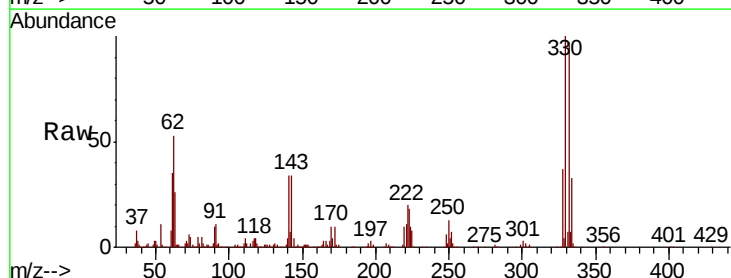
Tgt Ion:330 Resp: 301646

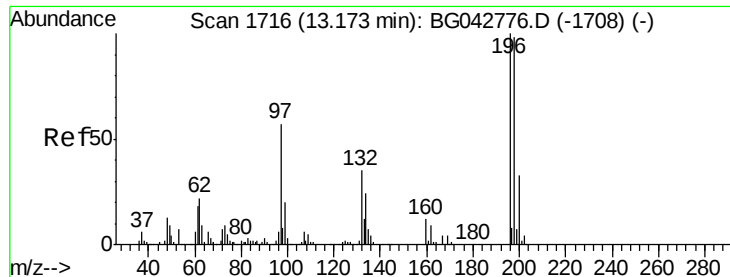
Ion Ratio Lower Upper

330 100

332 95.2 76.7 115.1

141 33.3 27.0 40.6

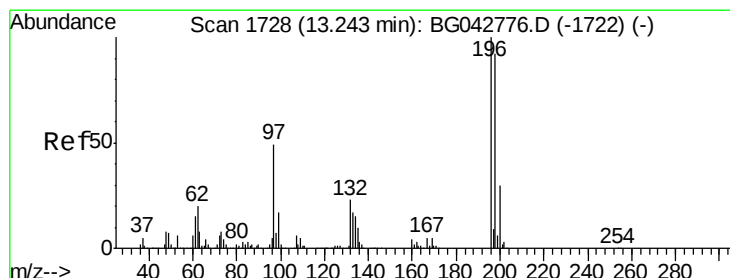
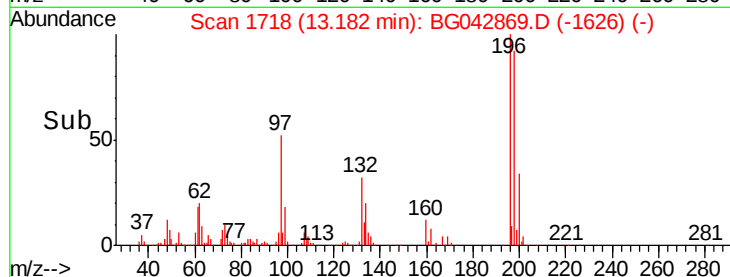
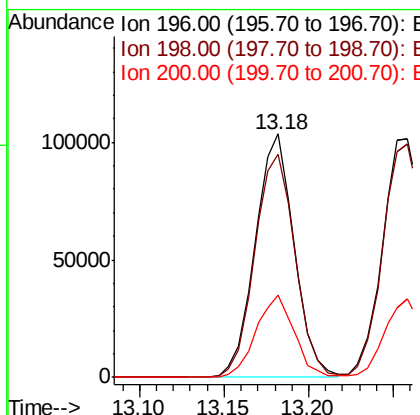
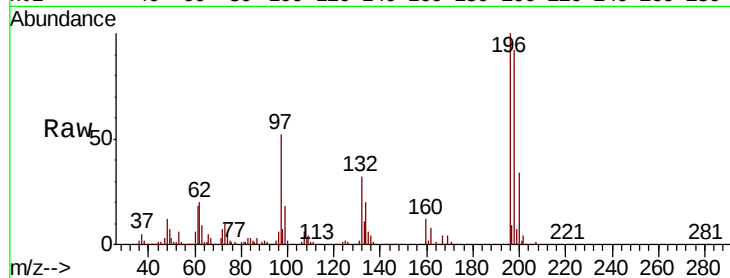




#43
 2,4,6-Trichlorophenol
 Concen: 41.482 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG042869.D
 Acq: 17 Sep 2019 16:13

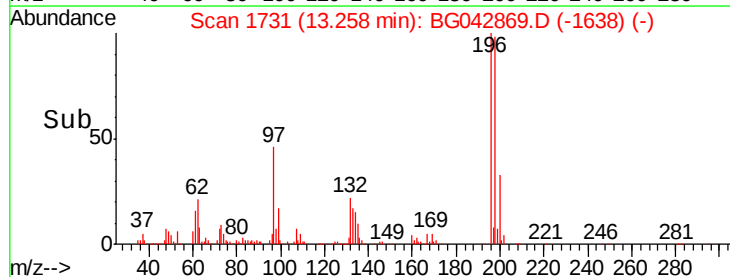
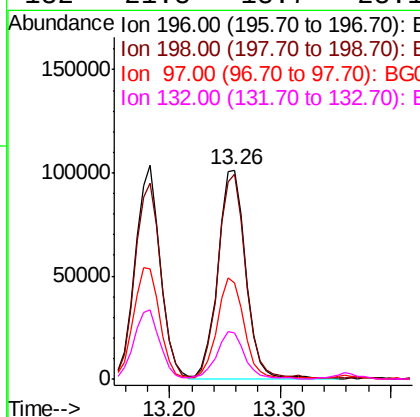
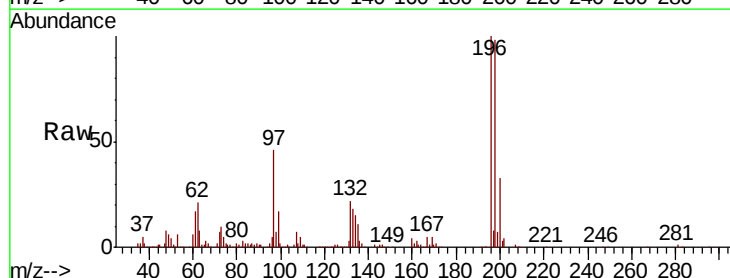
Instrument :
 BNA_G
 ClientSampleId :
 PB123079BS

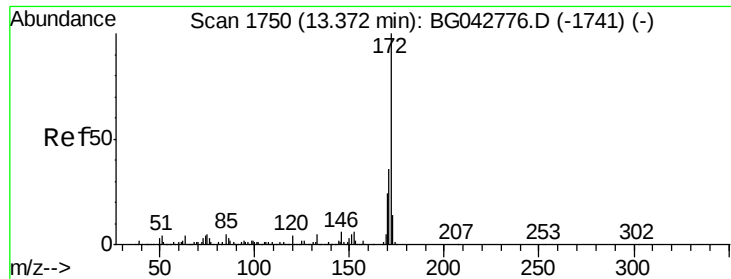
Tot Ion:196 Resp: 165839
 Ion Ratio Lower Upper
 196 100
 198 91.5 78.8 118.2
 200 33.7 26.2 39.4



#44
 2,4,5-Trichlorophenol
 Concen: 43.948 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. 0.02 min
 Lab File: BG042869.D
 Acq: 17 Sep 2019 16:13

Tgt Ion:196 Resp: 179968
 Ion Ratio Lower Upper
 196 100
 198 98.3 73.4 110.0
 97 45.8 39.2 58.8
 132 21.8 18.7 28.1

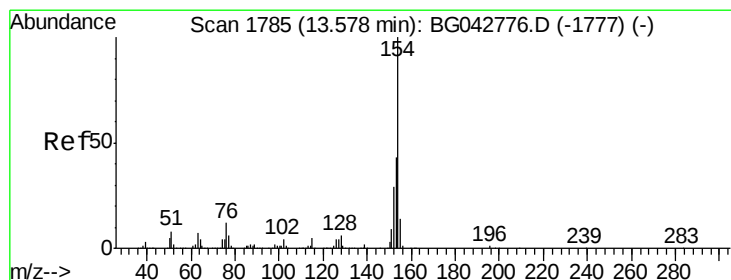
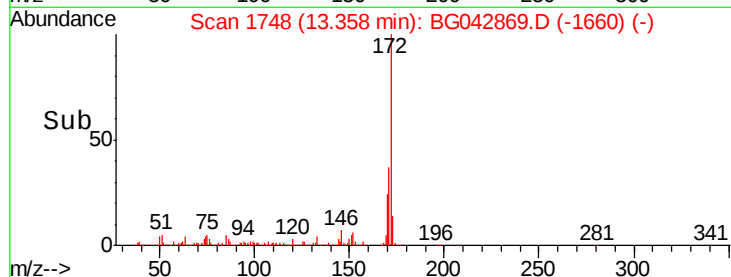
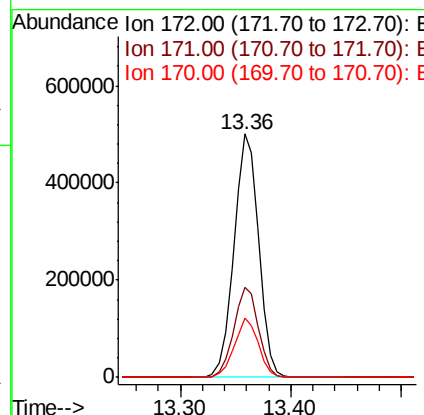
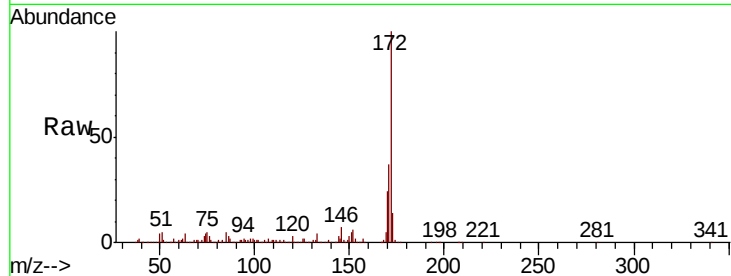




#45
2-Fluorobiphenyl
Concen: 68.169 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

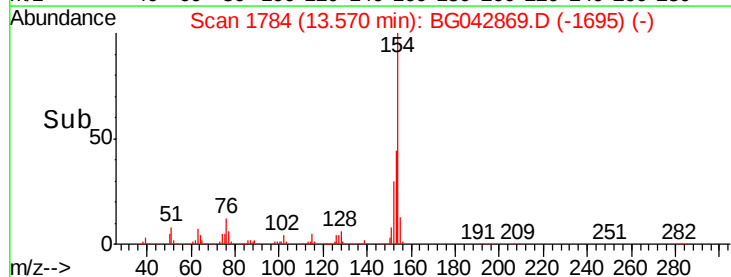
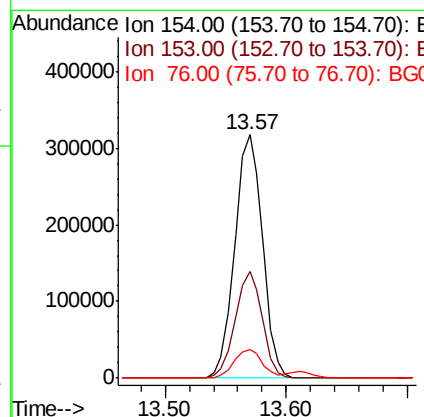
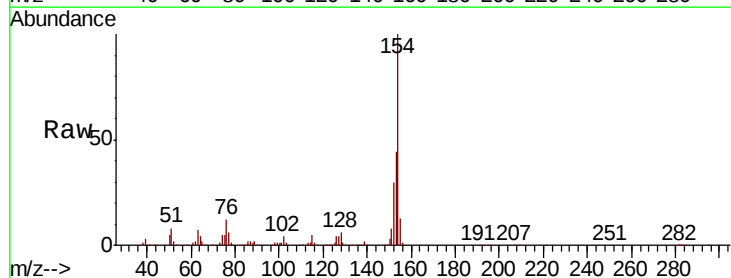
Instrument :
BNA_G
ClientSampleId :
PB123079BS

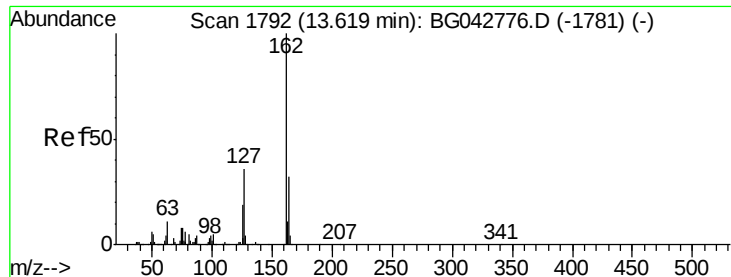
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.9	43.3
170	24.4	19.1	28.7



#46
1,1'-Biphenyl
Concen: 39.797 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	22.6	62.6
76	11.7	0.0	32.2

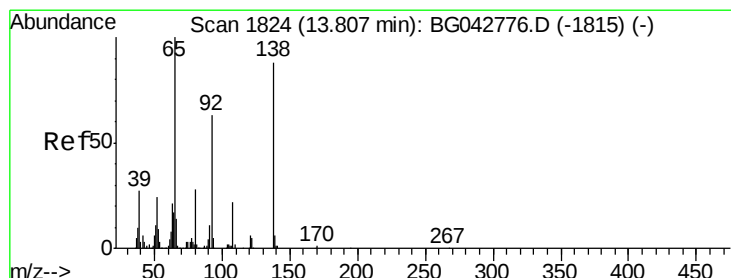
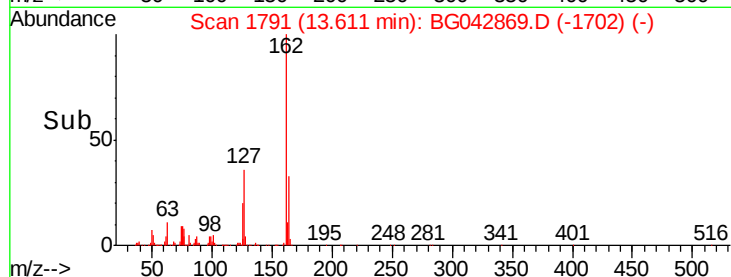
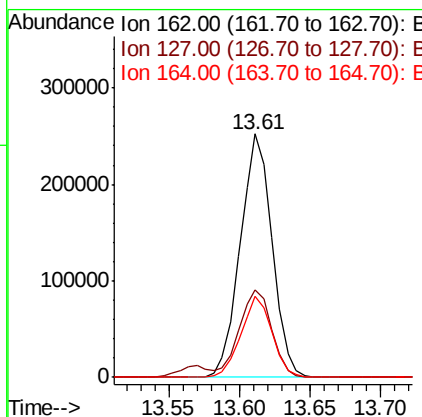
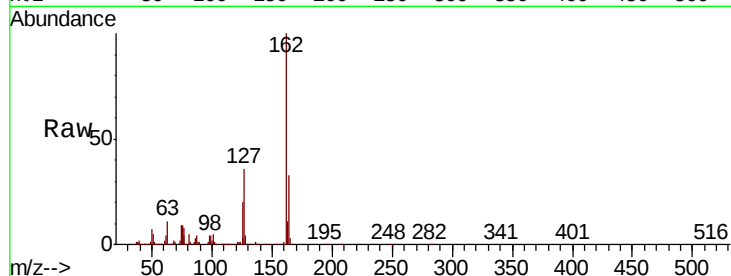




#47
 2-Chloronaphthalene
 Concen: 37.943 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG042869.D
 Acq: 17 Sep 2019 16:13

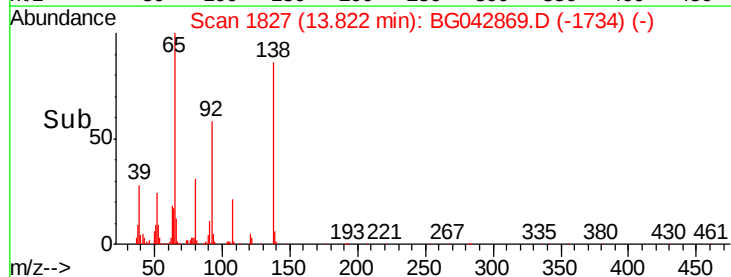
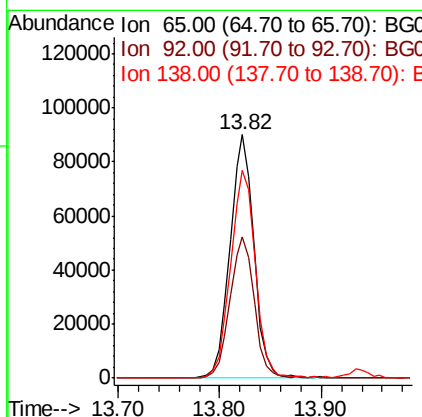
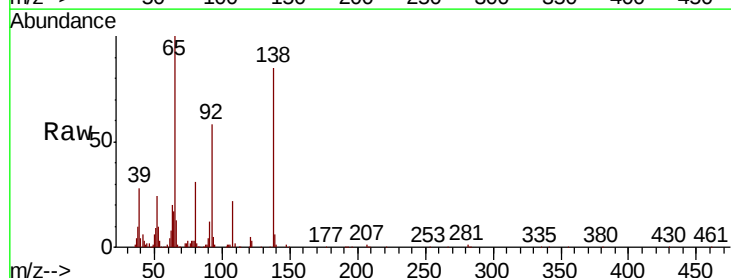
Instrument :
 BNA_G
 ClientSampleId :
 PB123079BS

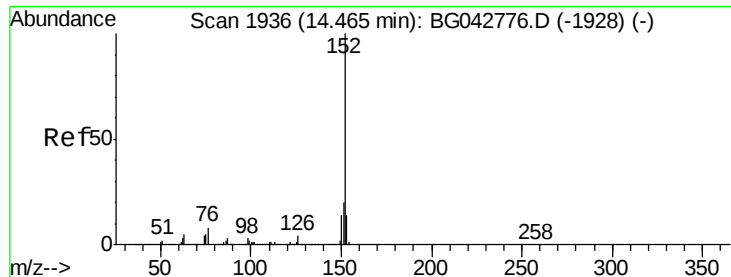
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.2	29.3	43.9
164	33.4	26.0	39.0



#48
 2-Nitroaniline
 Concen: 40.271 ng
 RT: 13.82 min Scan# 1827
 Delta R.T. 0.02 min
 Lab File: BG042869.D
 Acq: 17 Sep 2019 16:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.2	50.4	75.6
138	85.4	70.6	106.0





#49

Acenaphthylene

Concen: 40.840 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB123079BS

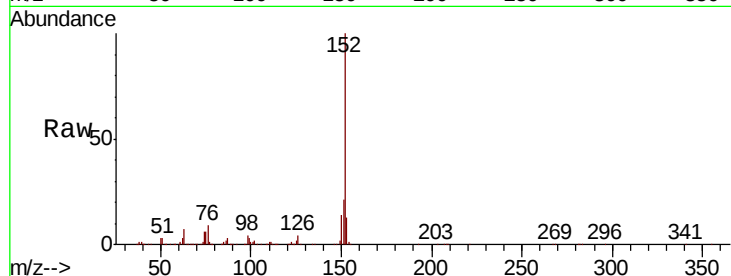
Tot Ion:152 Resp: 656809

Ion Ratio Lower Upper

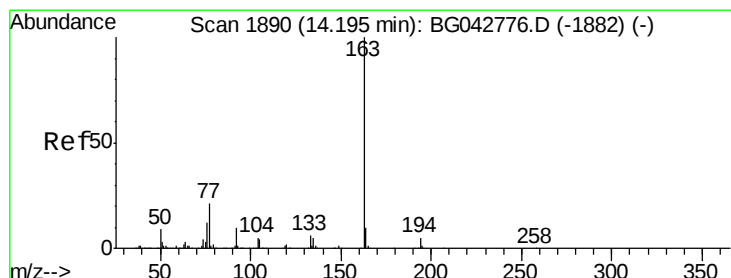
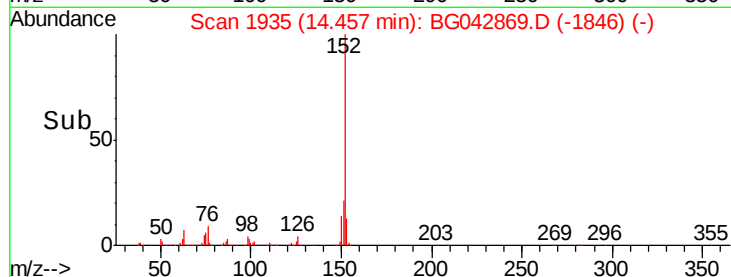
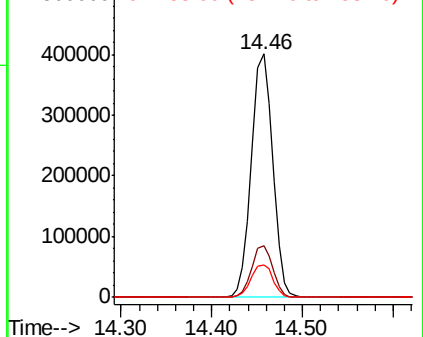
152 100

151 21.1 16.0 24.0

153 13.3 11.4 17.0



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



#50

Dimethylphthalate

Concen: 39.157 ng

RT: 14.20 min Scan# 1892

Delta R.T. 0.01 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

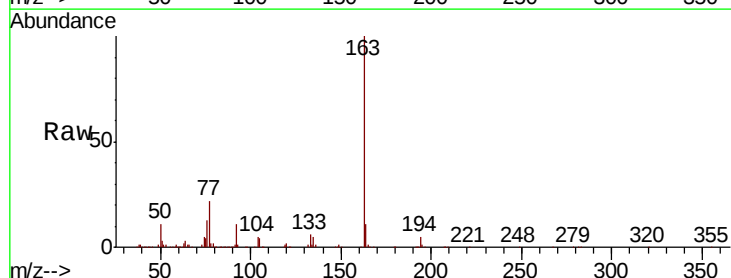
Tgt Ion:163 Resp: 533071

Ion Ratio Lower Upper

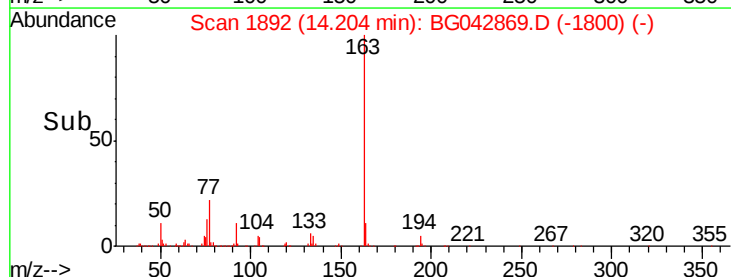
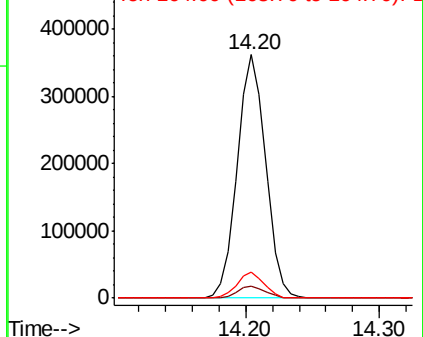
163 100

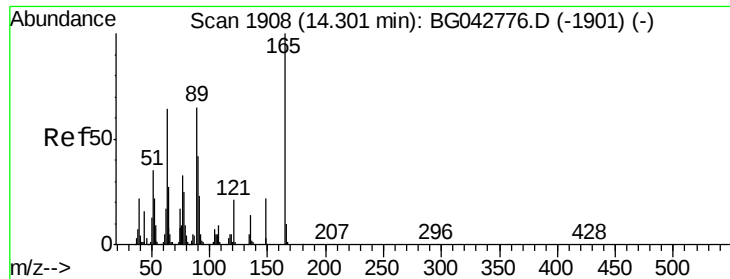
194 4.9 4.2 6.4

164 10.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.652 ng

RT: 14.30 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB123079BS

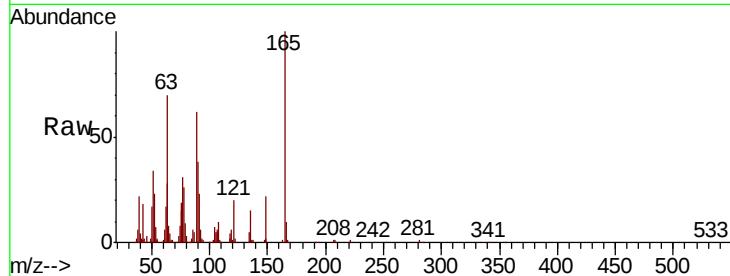
Tot Ion:165 Resp: 121935

Ion Ratio Lower Upper

165 100

63 70.1 52.1 78.1

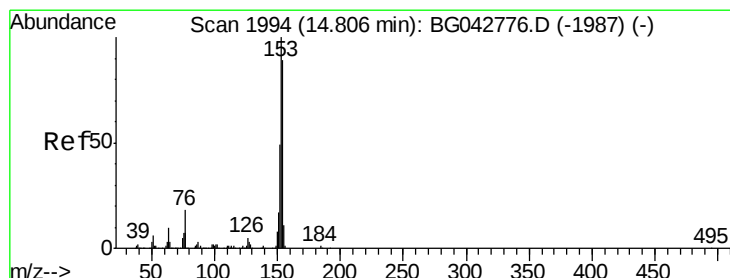
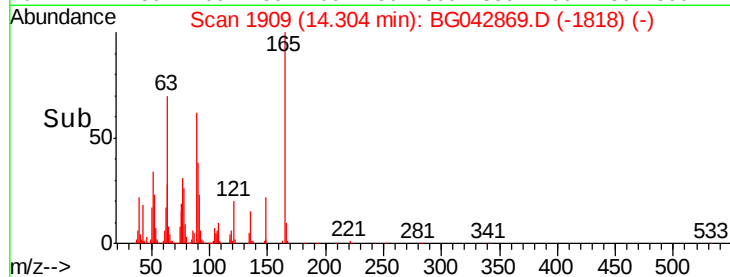
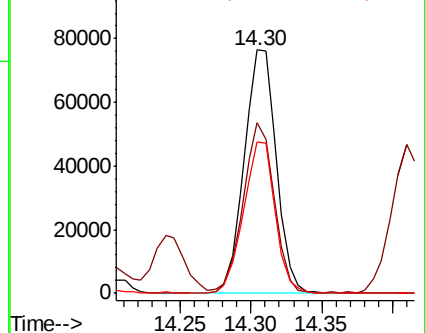
89 62.3 51.7 77.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 37.023 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

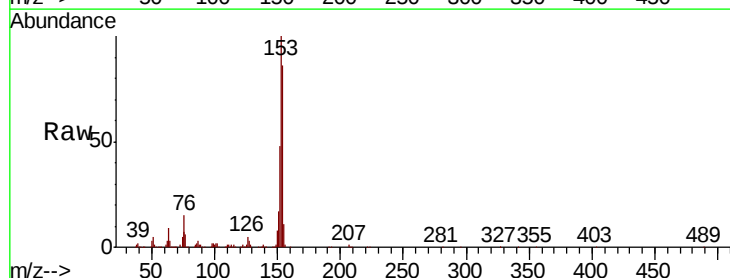
Tgt Ion:154 Resp: 388980

Ion Ratio Lower Upper

154 100

153 116.7 89.4 134.2

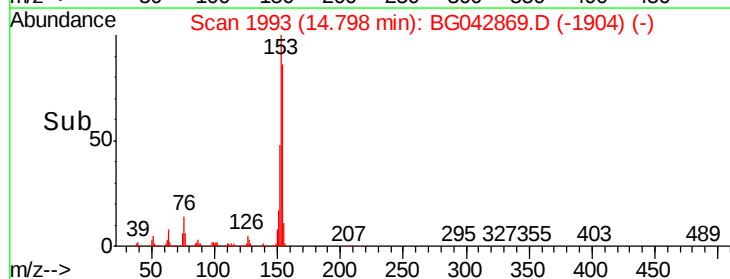
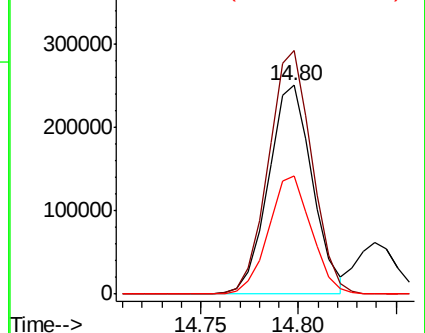
152 56.3 43.5 65.3

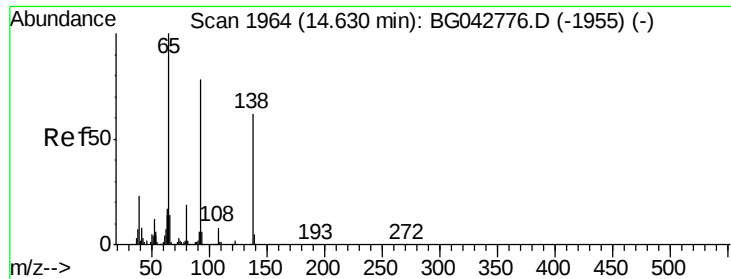


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

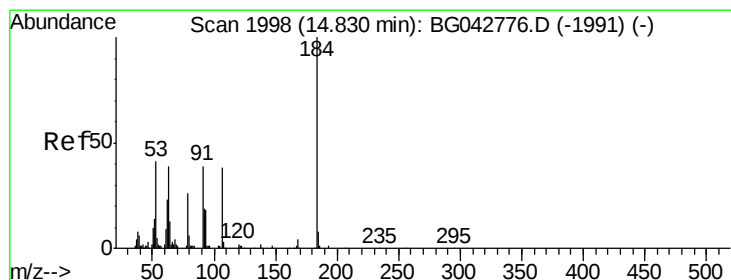
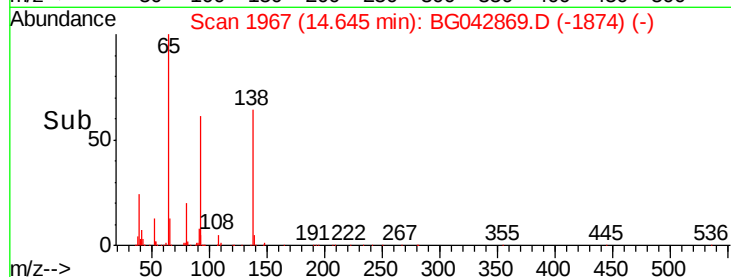
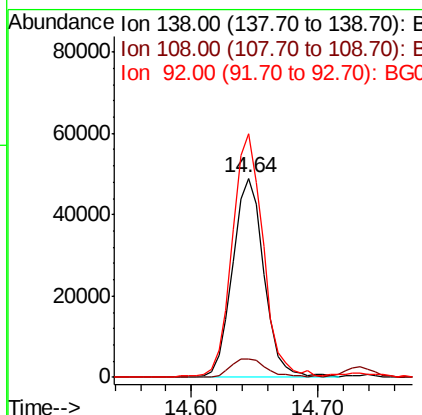
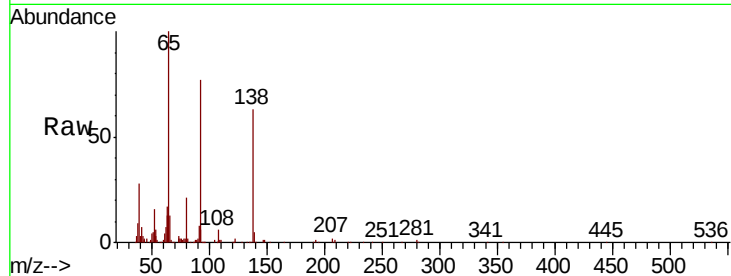




#53
3-Nitroaniline
Concen: 26.666 ng
RT: 14.64 min Scan# 1967
Delta R.T. 0.02 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

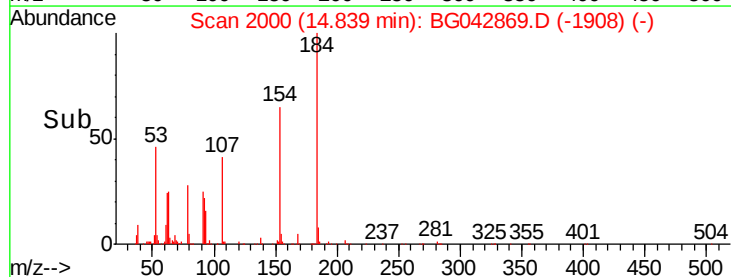
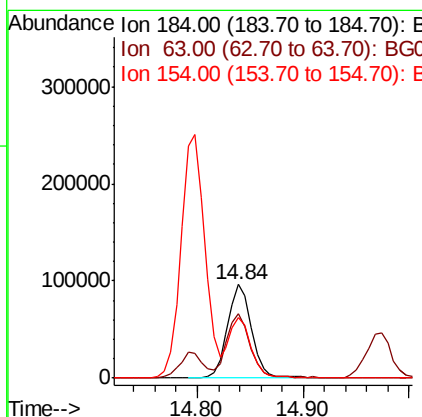
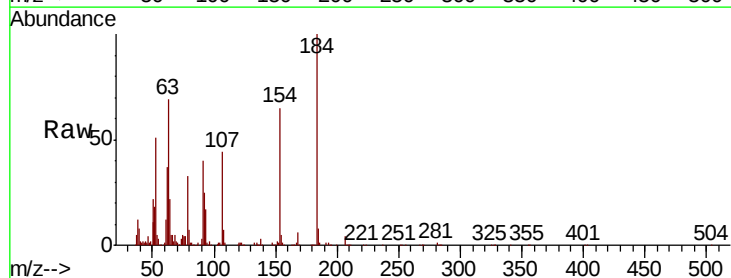
Instrument :
BNA_G
ClientSampleId :
PB123079BS

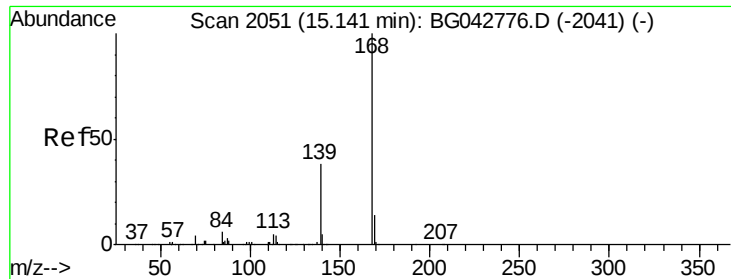
Tot Ion:138 Resp: 83598
Ion Ratio Lower Upper
138 100
108 9.4 10.7 16.1#
92 122.2 100.5 150.7



#54
2,4-Dinitrophenol
Concen: 109.773 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

Tgt Ion:184 Resp: 150953
Ion Ratio Lower Upper
184 100
63 69.0 46.2 69.4
154 65.2 81.3 121.9#

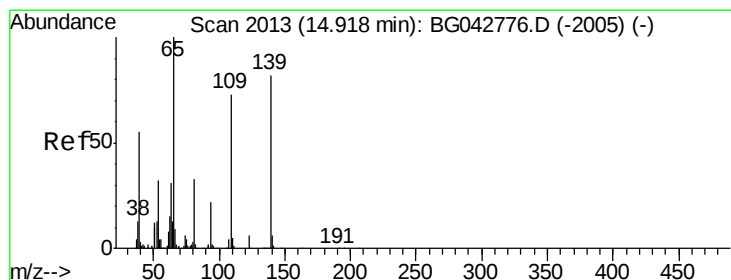
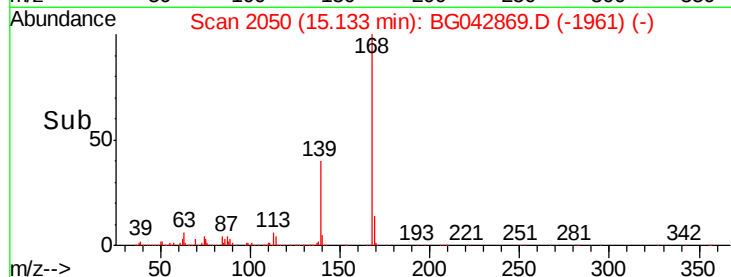
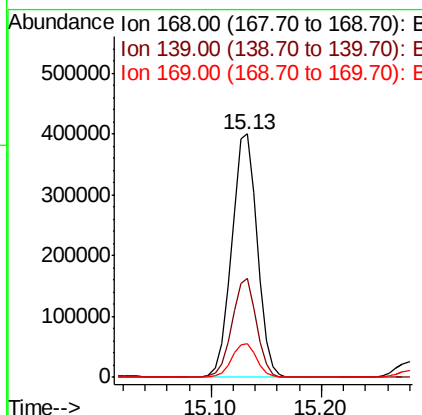
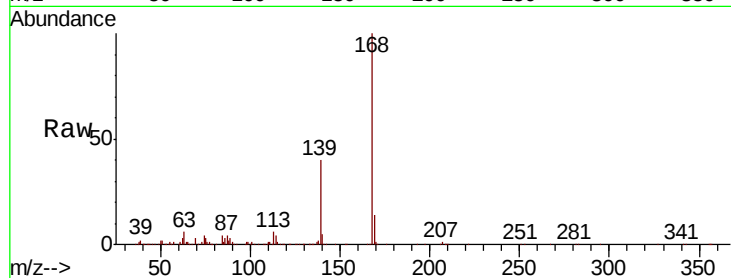




#55
Dibenzofuran
Concen: 41.430 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

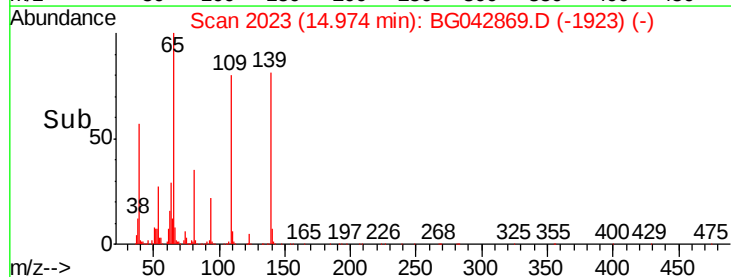
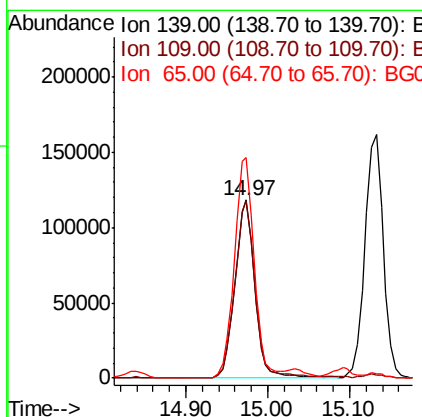
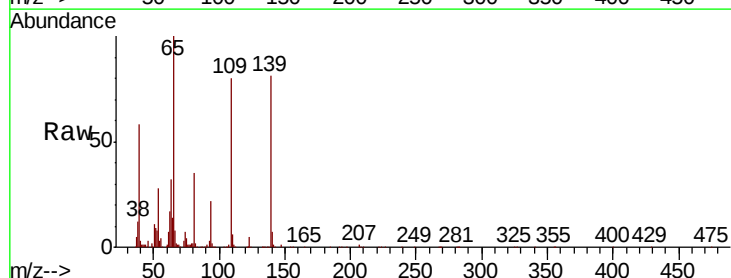
Instrument :
BNA_G
ClientSampleId :
PB123079BS

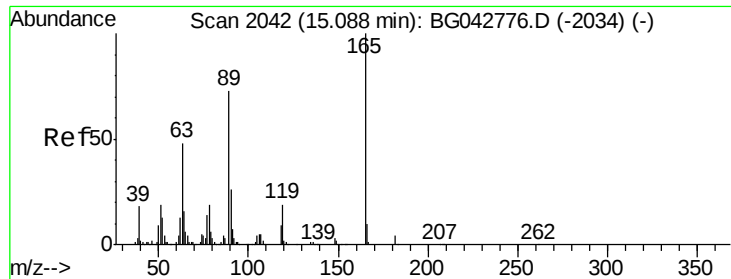
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	30.2	45.4
169	13.7	11.2	16.8



#56
4-Nitrophenol
Concen: 83.495 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.06 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.3	69.4	109.4
65	123.9	102.5	142.5

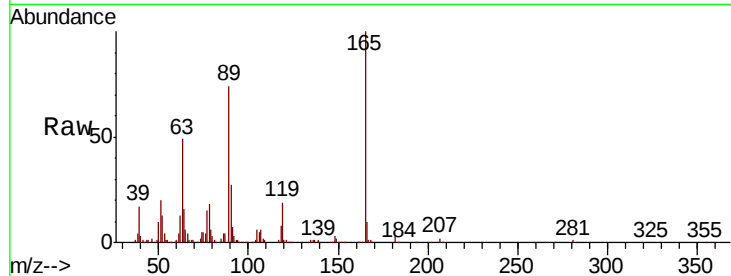




#57
 2,4-Dinitrotoluene
 Concen: 46.726 ng
 RT: 15.09 min Scan# 2043
 Delta R.T. 0.00 min
 Lab File: BG042869.D
 Acq: 17 Sep 2019 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB123079BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.3	38.3	57.5
89	74.3	58.4	87.6
182	2.9	2.9	4.3

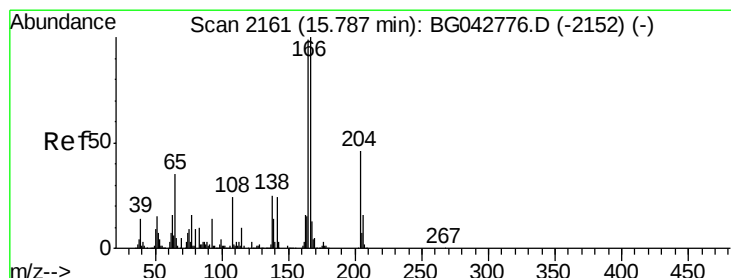
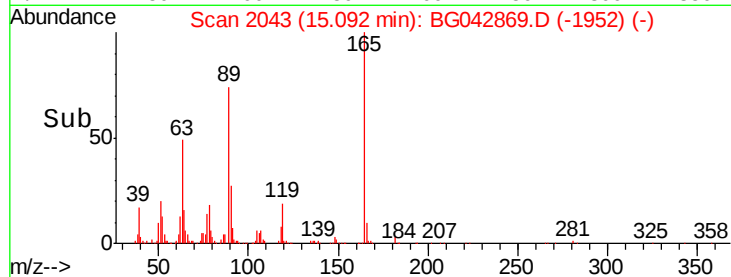
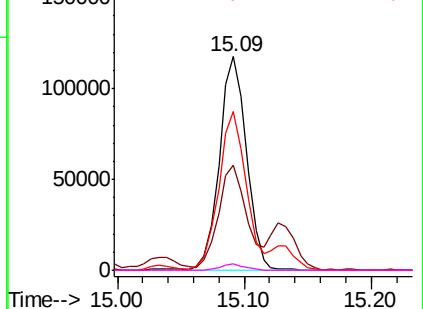


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

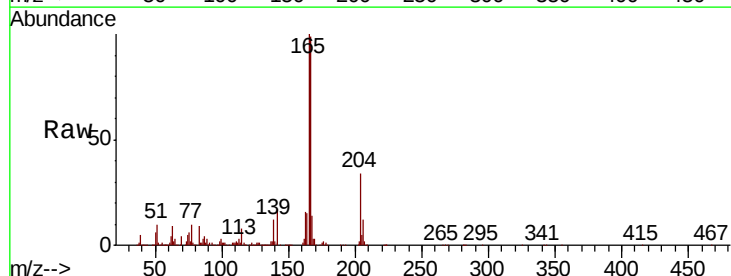
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 41.856 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG042869.D
 Acq: 17 Sep 2019 16:13

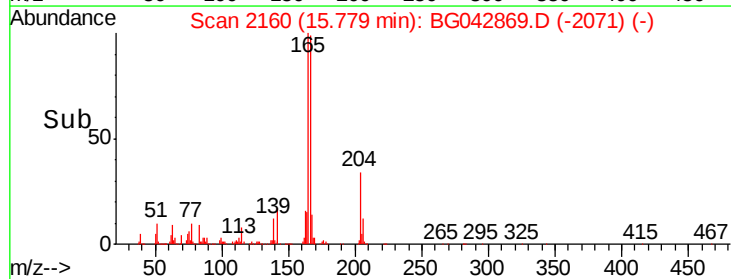
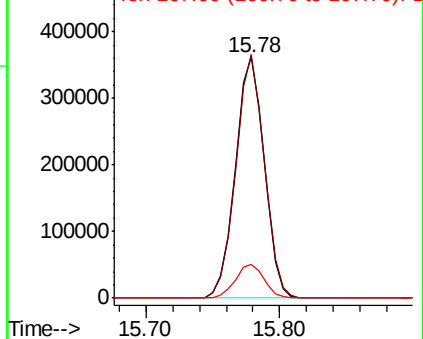
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.1	118.7
167	14.2	10.7	16.1

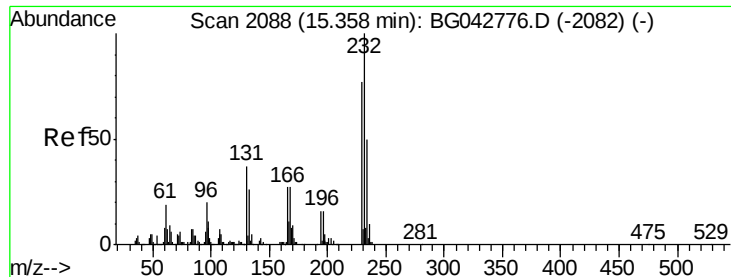


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.410 ng

RT: 15.36 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB123079BS

Tot Ion:232 Resp: 188201

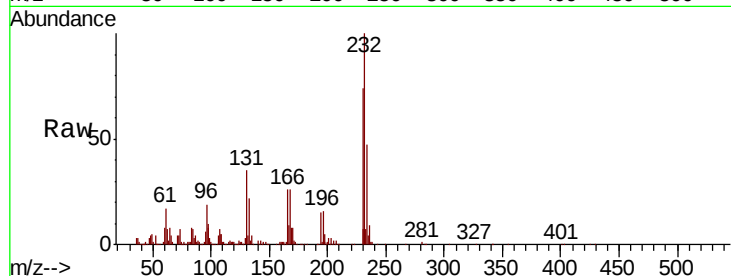
Ion Ratio Lower Upper

232 100

131 37.9 31.1 46.7

130 2.6 1.8 2.6

166 26.5 21.7 32.5

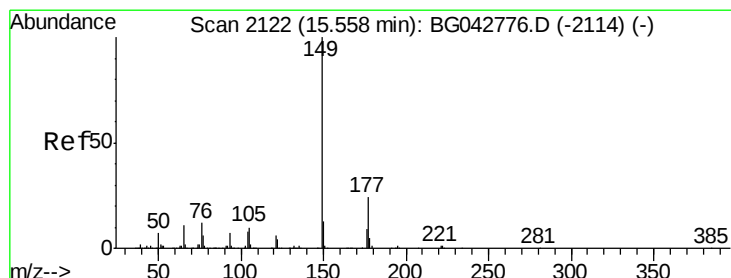
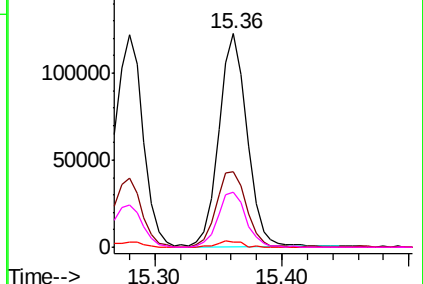
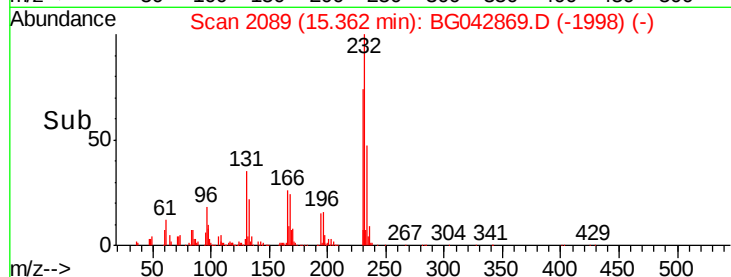


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.234 ng

RT: 15.56 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

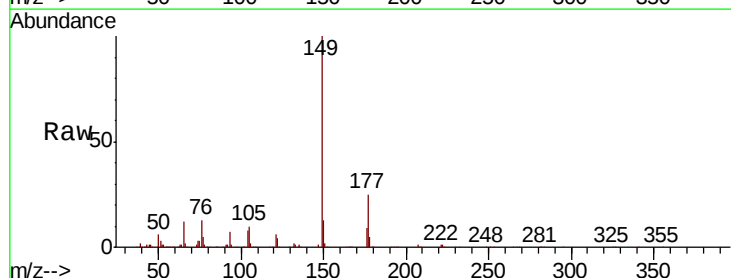
Tgt Ion:149 Resp: 542166

Ion Ratio Lower Upper

149 100

177 25.4 19.4 29.0

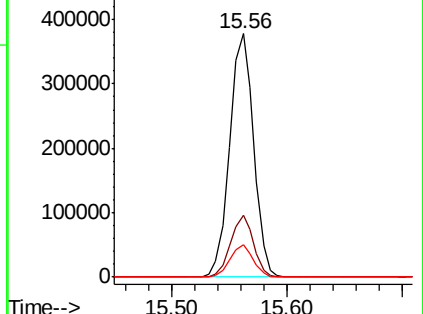
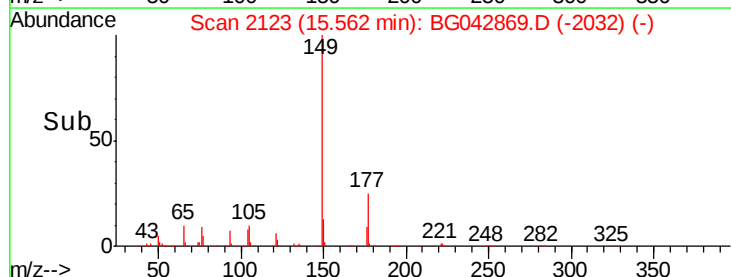
150 13.2 10.2 15.4

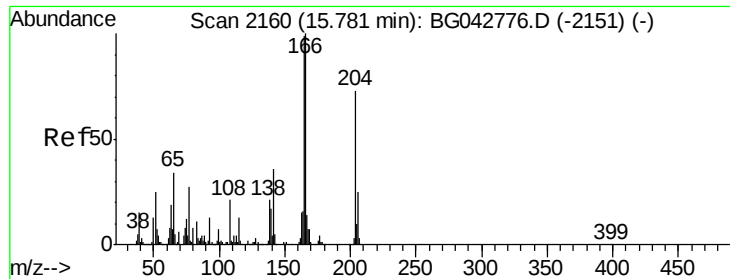


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

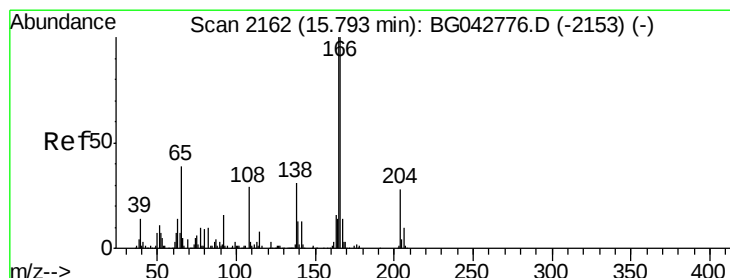
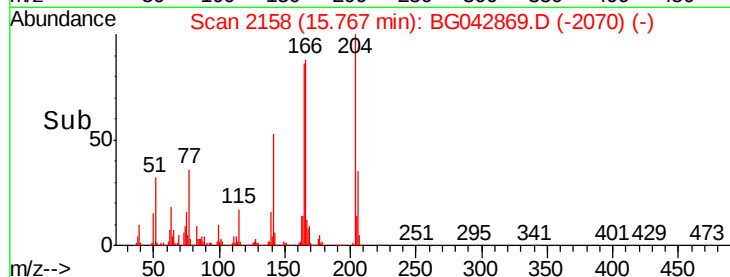
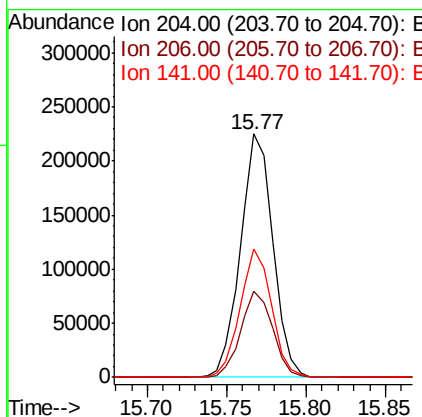
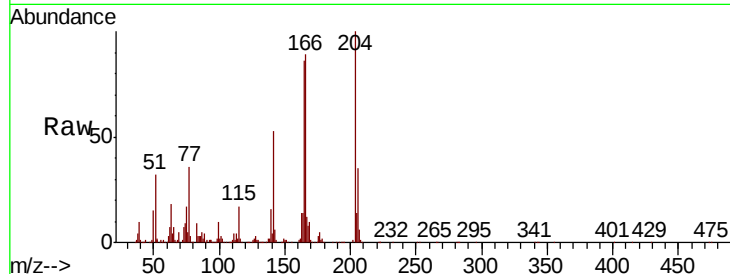




#61
4-Chlorophenyl-phenylether
Concen: 41.649 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

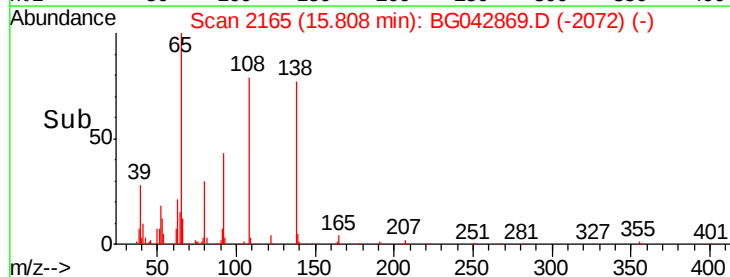
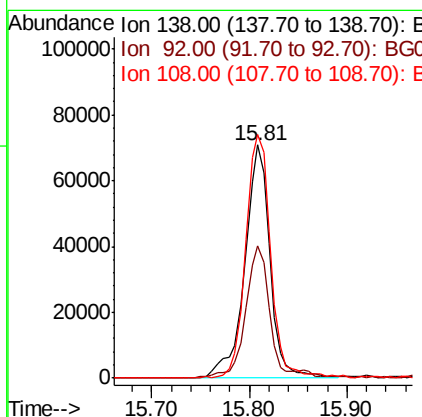
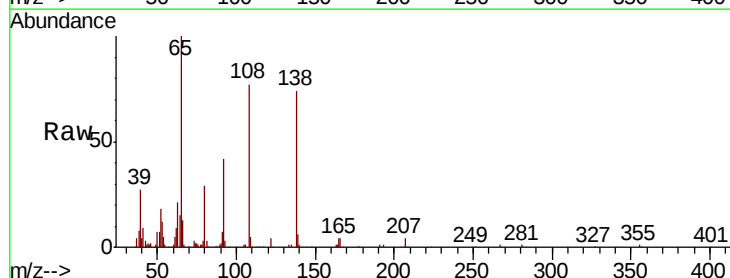
Instrument :
BNA_G
ClientSampleId :
PB123079BS

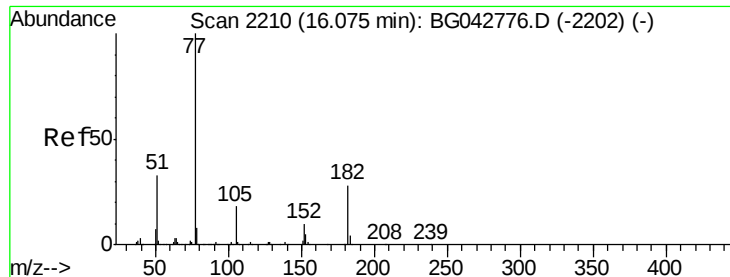
Tot Ion:204 Resp: 318723
Ion Ratio Lower Upper
204 100
206 35.2 27.6 41.4
141 52.5 39.8 59.6



#62
4-Nitroaniline
Concen: 38.137 ng
RT: 15.81 min Scan# 2165
Delta R.T. 0.02 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

Tgt Ion:138 Resp: 128877
Ion Ratio Lower Upper
138 100
92 56.6 31.4 71.4
108 104.4 74.8 114.8





#63

Azobenzene

Concen: 40.326 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB123079BS

Tot Ion: 77 Resp: 536616

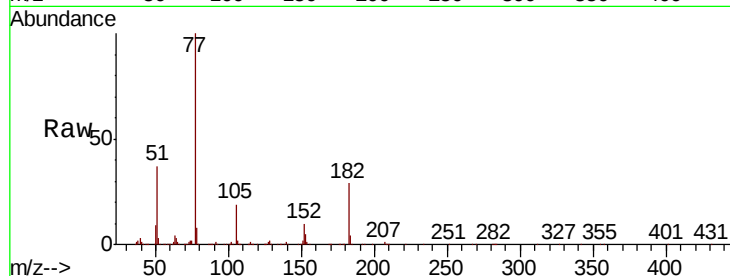
Ion Ratio Lower Upper

77 100

182 29.0 8.1 48.1

105 19.2 0.0 38.1

51 37.0 12.9 52.9

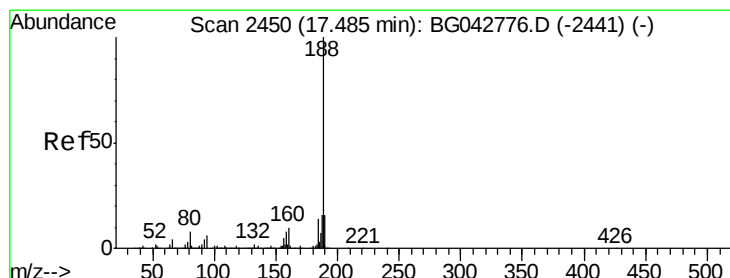
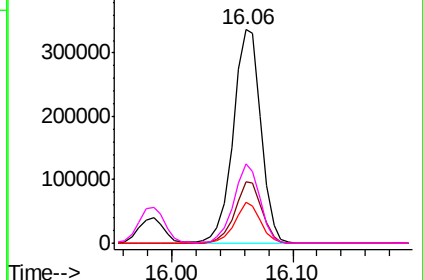
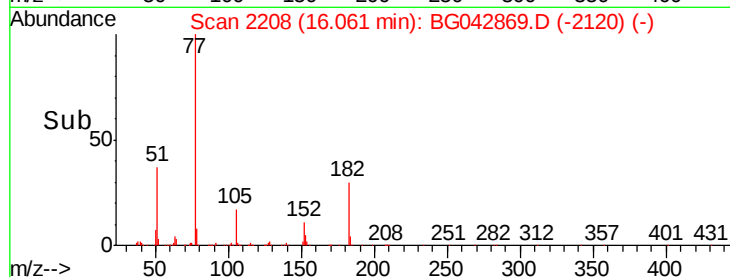


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

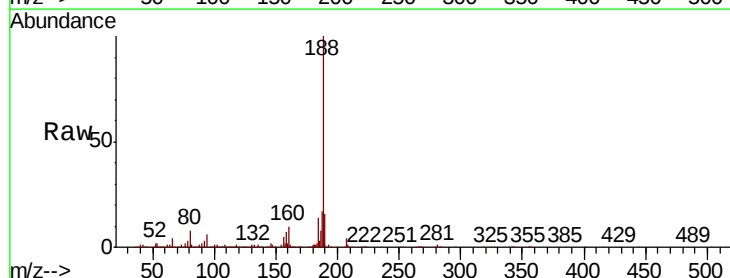
Tgt Ion: 188 Resp: 438362

Ion Ratio Lower Upper

188 100

94 6.1 4.8 7.2

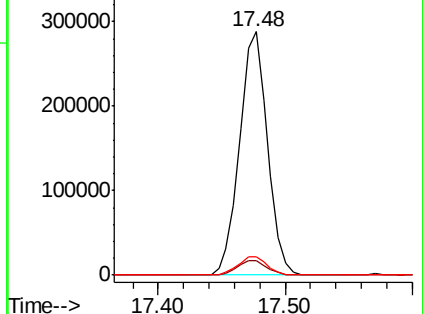
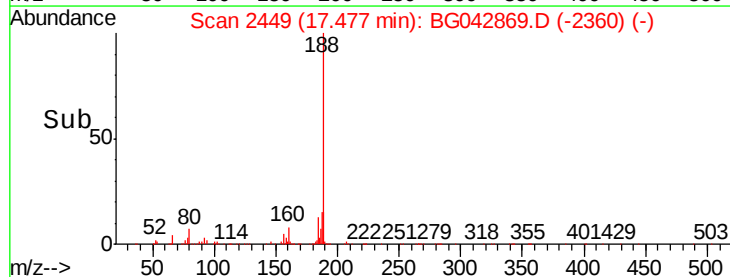
80 7.7 6.6 9.8



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: 59.679 ng

RT: 15.86 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Instrument :

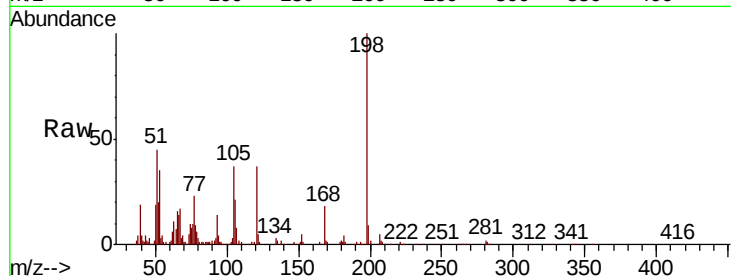
BNA_G

ClientSampleId :

PB123079BS

Tot Ion:198 Resp: 111938

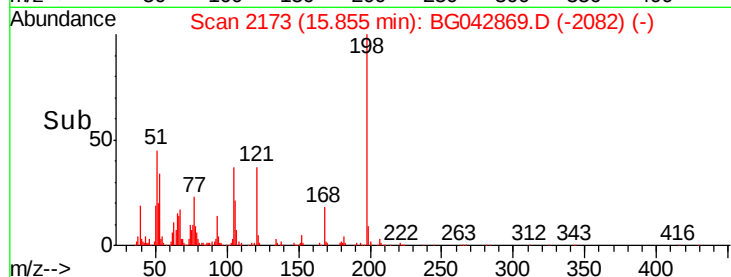
Ion	Ratio	Lower	Upper
198	100		
51	45.1	20.9	60.9
105	36.7	16.4	56.4



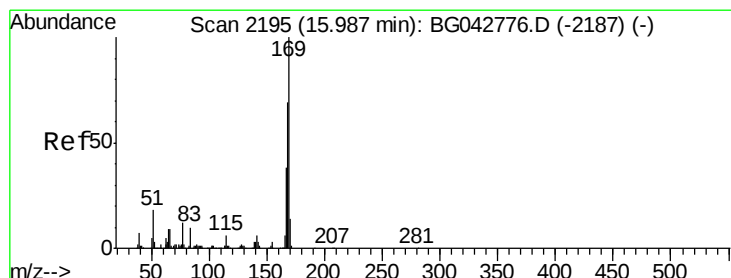
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 41.282 ng

RT: 15.98 min Scan# 2195

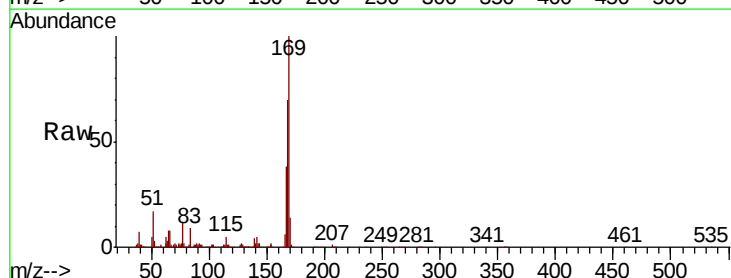
Delta R.T. -0.00 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Tgt Ion:169 Resp: 486957

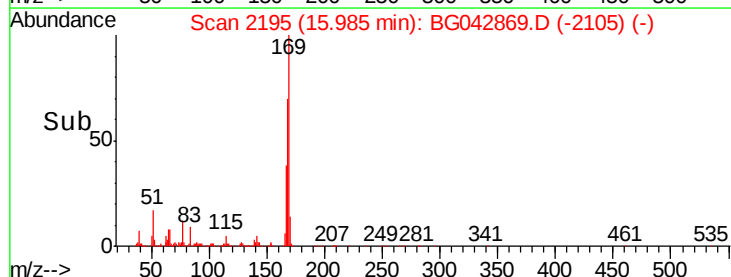
Ion	Ratio	Lower	Upper
169	100		
168	70.3	55.4	83.2
167	38.1	30.4	45.6



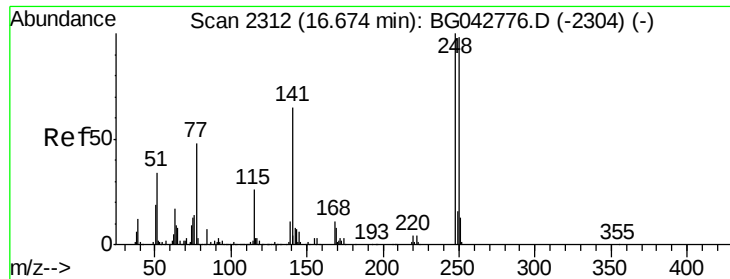
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



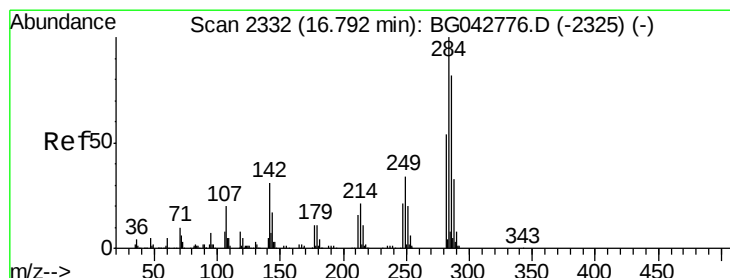
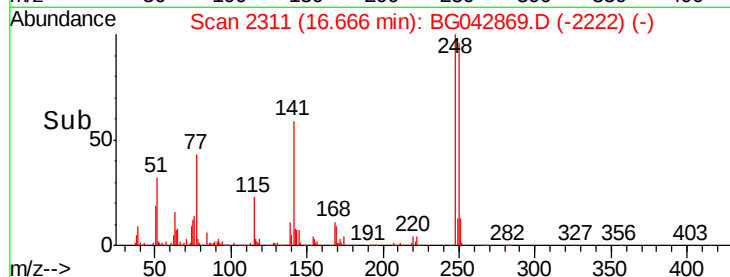
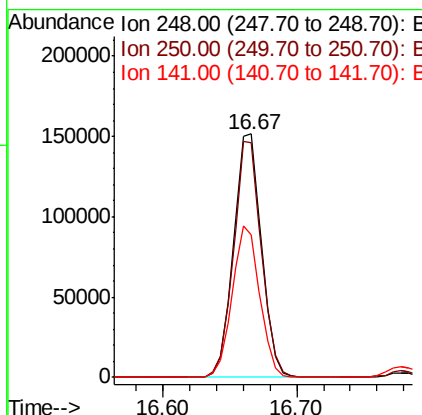
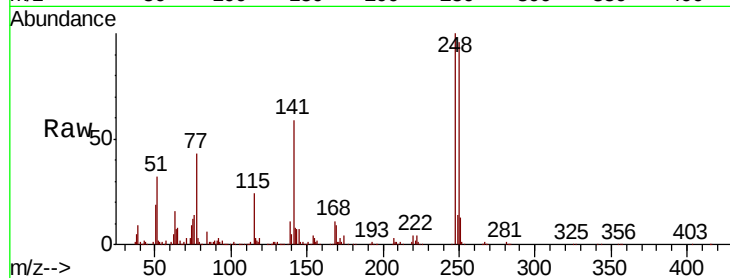
Time-->



#67
 4-Bromophenyl-phenylether
 Concen: 41.366 ng
 RT: 16.67 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BG042869.D
 Acq: 17 Sep 2019 16:13

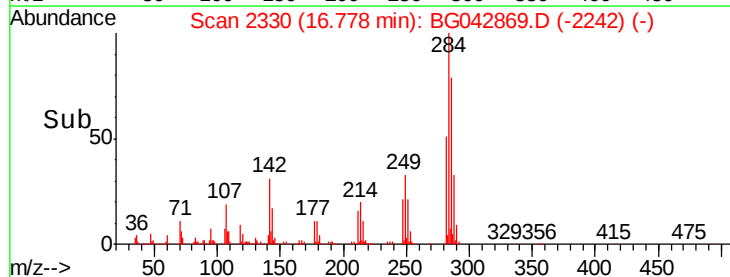
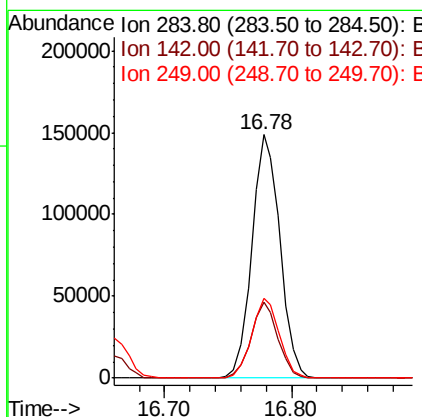
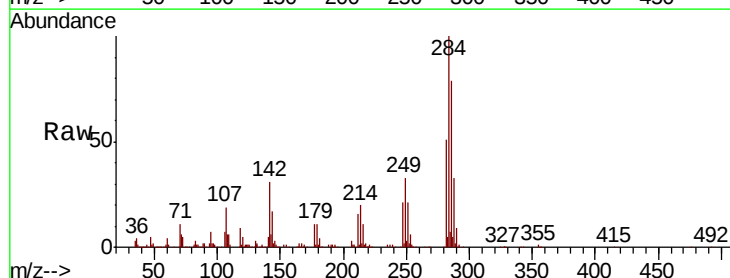
Instrument :
 BNA_G
 ClientSampleId :
 PB123079BS

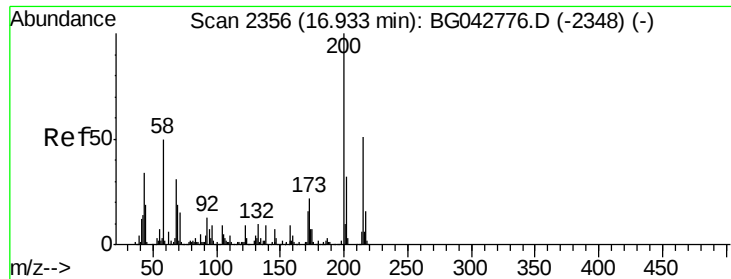
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	78.0	117.0
141	58.5	51.8	77.6



#68
 Hexachlorobenzene
 Concen: 40.396 ng
 RT: 16.78 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: BG042869.D
 Acq: 17 Sep 2019 16:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	24.7	37.1
249	32.9	27.0	40.4

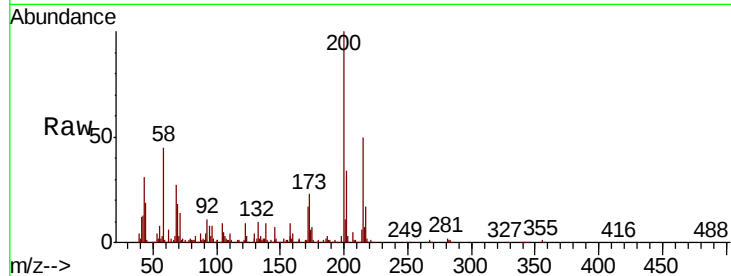




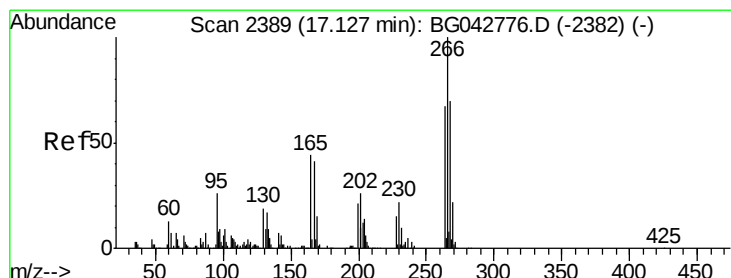
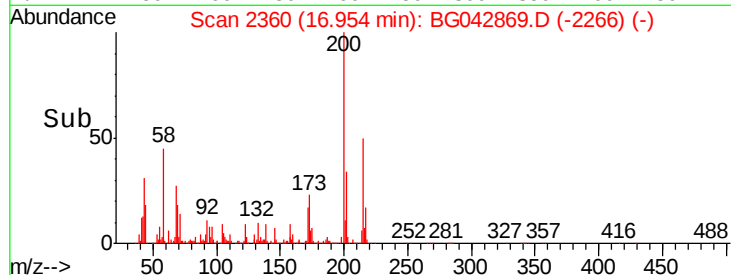
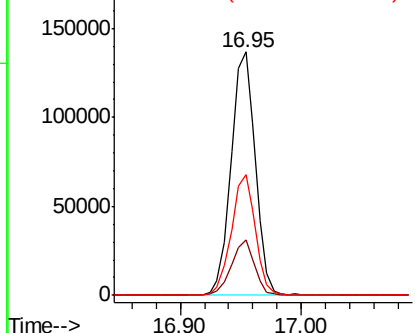
#69
 Atrazine
 Concen: 46.662 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. 0.02 min
 Lab File: BG042869.D
 Acq: 17 Sep 2019 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB123079BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.7	2.5	42.5
215	49.6	31.0	71.0

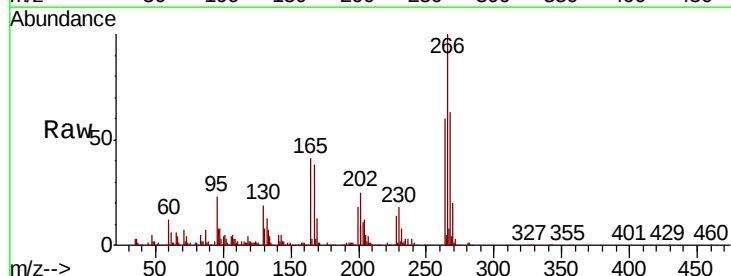


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

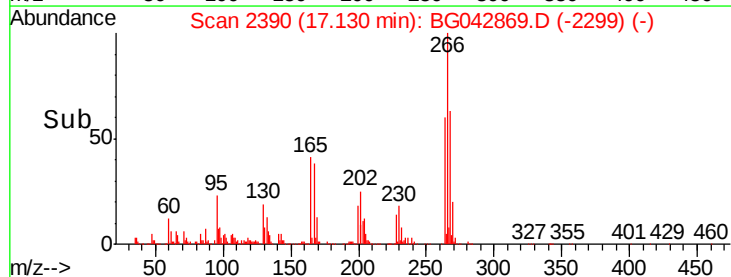
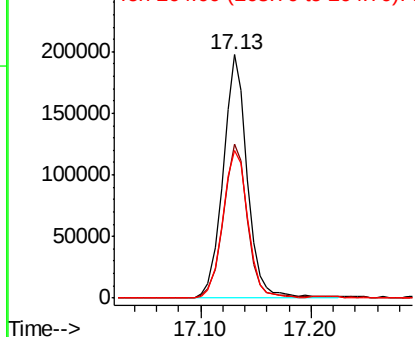


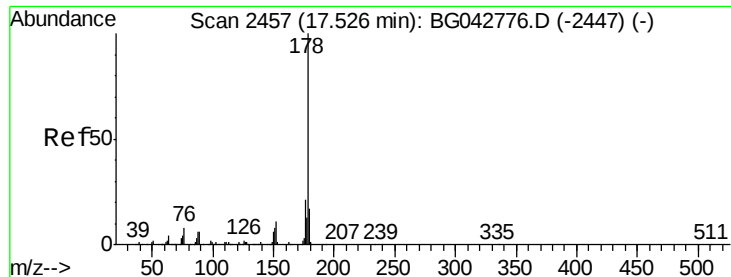
#70
 Pentachlorophenol
 Concen: 89.829 ng
 RT: 17.13 min Scan# 2390
 Delta R.T. 0.00 min
 Lab File: BG042869.D
 Acq: 17 Sep 2019 16:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	56.2	84.4
264	60.5	53.4	80.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.828 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB123079BS

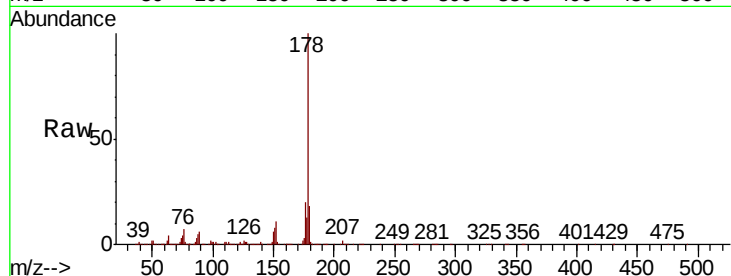
Tot Ion:178 Resp: 876894

Ion Ratio Lower Upper

178 100

176 20.4 17.0 25.4

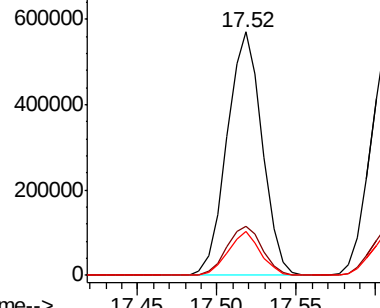
179 17.9 13.6 20.4



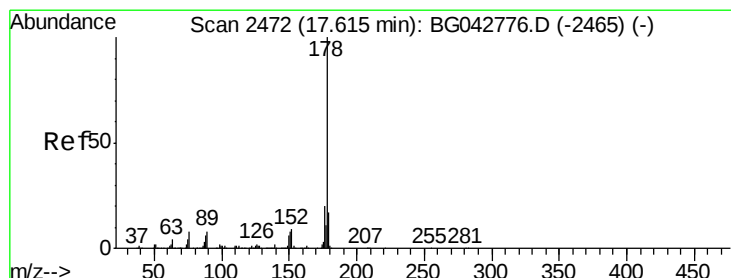
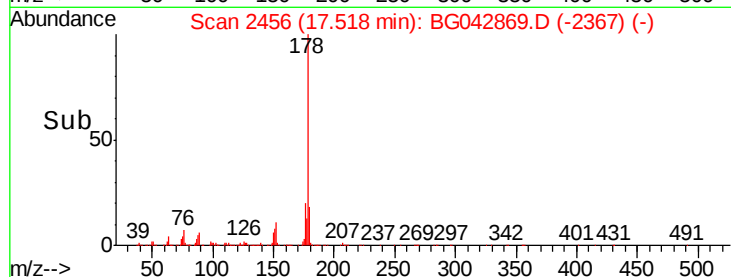
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 42.081 ng

RT: 17.61 min Scan# 2471

Delta R.T. -0.01 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

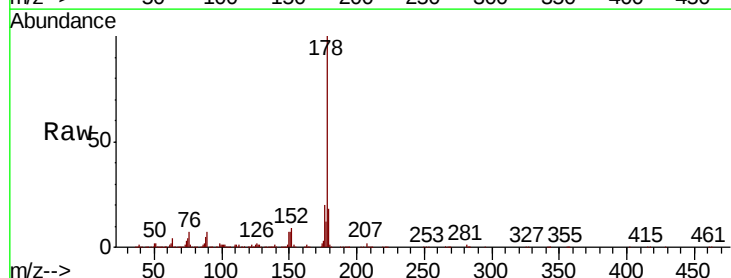
Tgt Ion:178 Resp: 881353

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

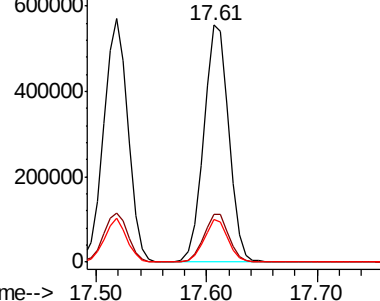
179 17.9 13.6 20.4



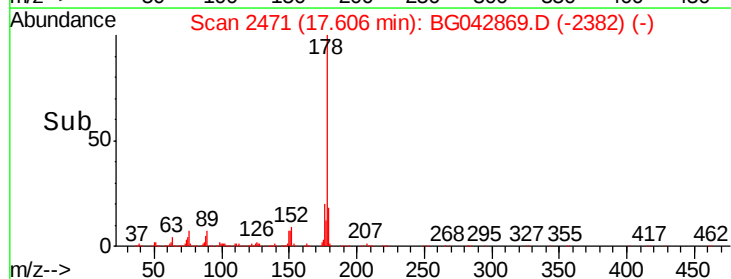
Abundance Ion 178.00 (177.70 to 178.70): E

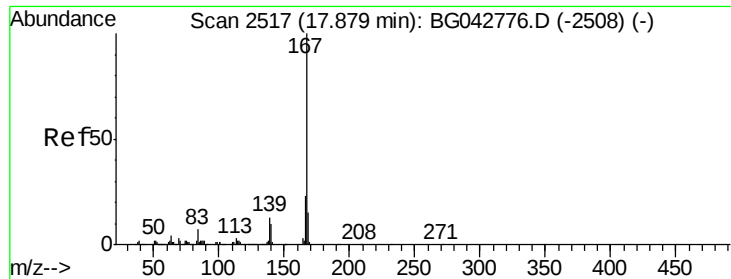
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

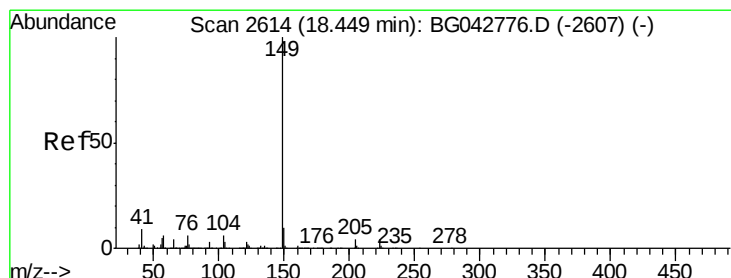
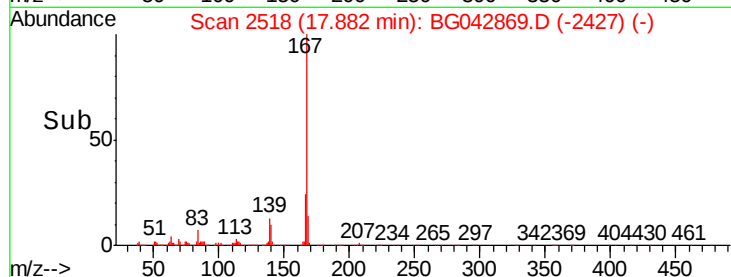
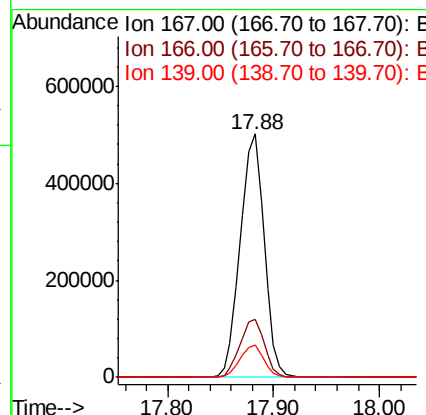
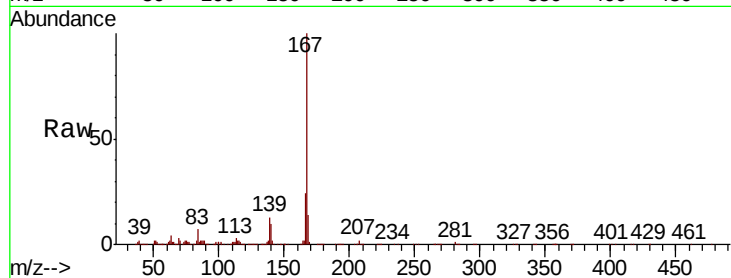




#73
 Carbazole
 Concen: 39.614 ng
 RT: 17.88 min Scan# 2518
 Delta R.T. 0.00 min
 Lab File: BG042869.D
 Acq: 17 Sep 2019 16:13

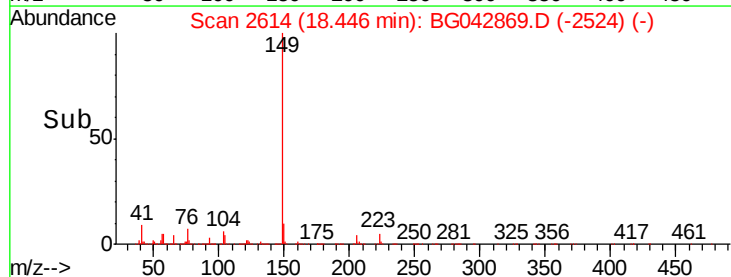
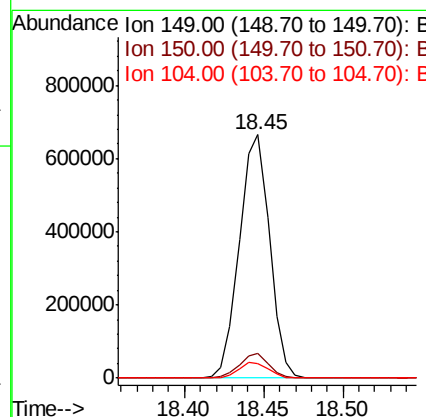
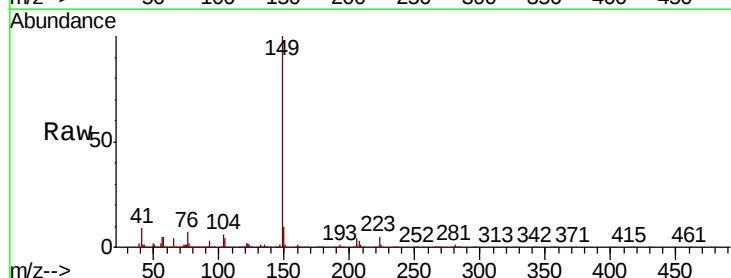
Instrument :
 BNA_G
 ClientSampleId :
 PB123079BS

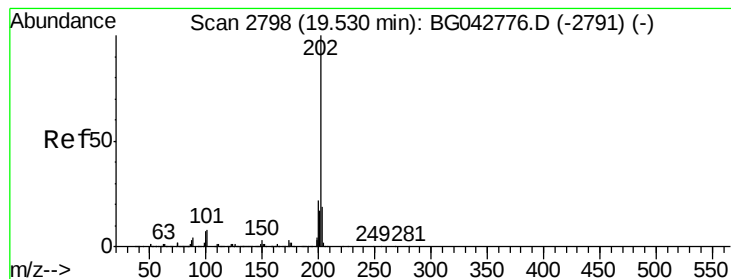
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	18.3	27.5
139	13.2	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 36.826 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.00 min
 Lab File: BG042869.D
 Acq: 17 Sep 2019 16:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.0	12.0
104	6.2	5.1	7.7





#75

Fluoranthene

Concen: 37.429 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB123079BS

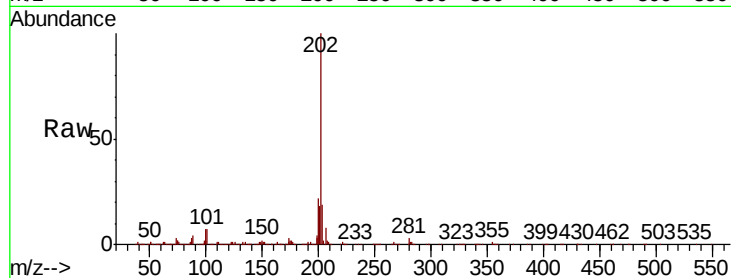
Tot Ion:202 Resp: 1016947

Ion Ratio Lower Upper

202 100

101 6.8 0.0 27.8

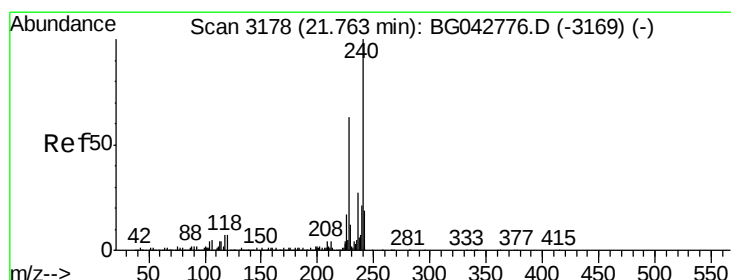
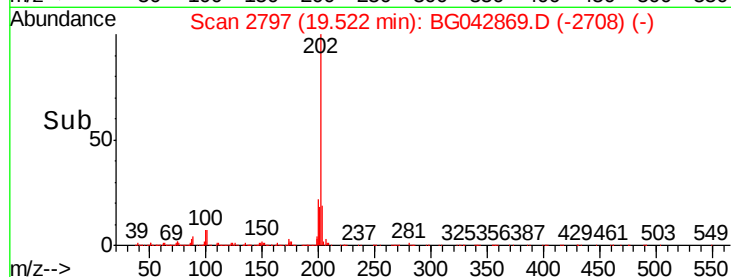
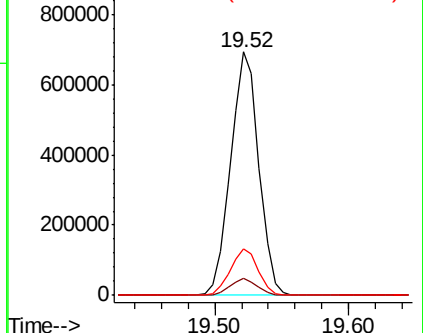
203 19.3 0.0 39.1



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: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

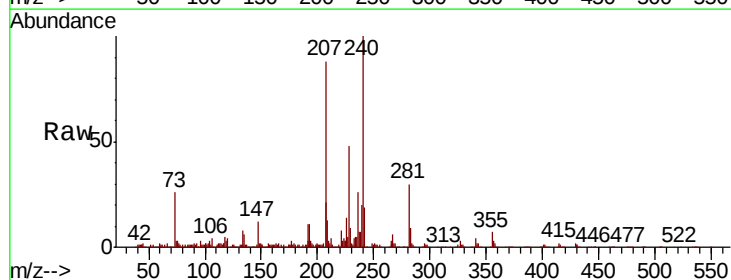
Tgt Ion:240 Resp: 322495

Ion Ratio Lower Upper

240 100

120 4.2 5.4 8.2#

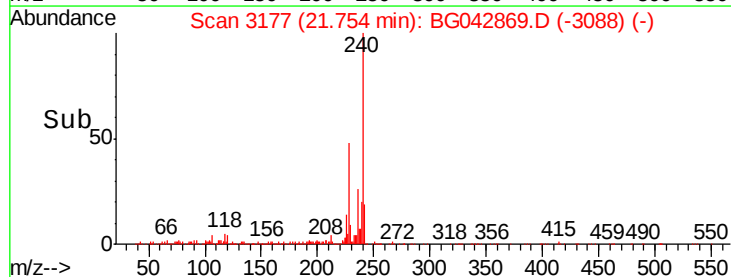
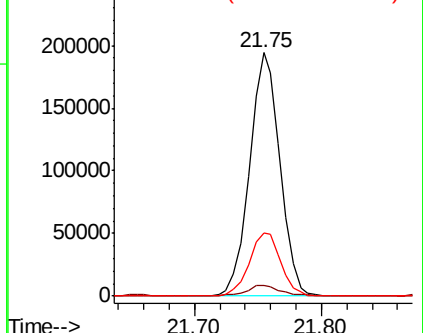
236 26.1 21.7 32.5

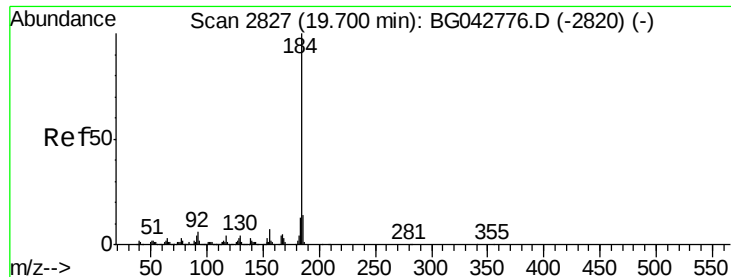


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.584 ng

RT: 19.70 min Scan# 2828

Delta R.T. 0.00 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB123079BS

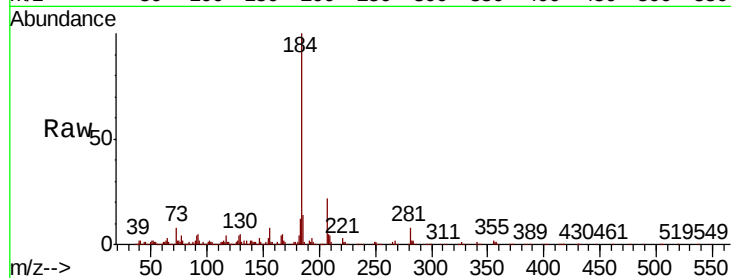
Tot Ion:184 Resp: 392696

Ion Ratio Lower Upper

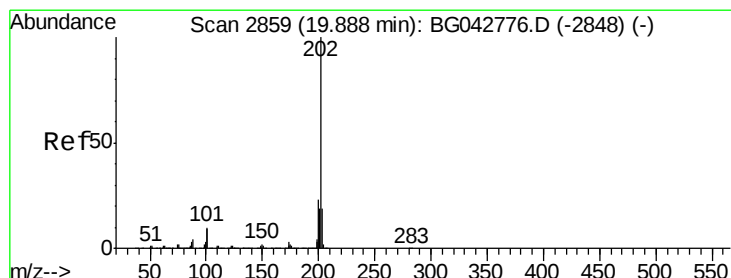
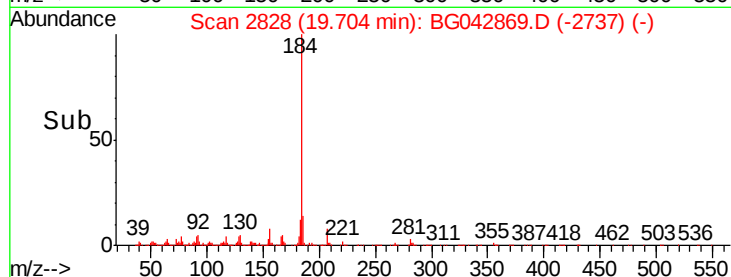
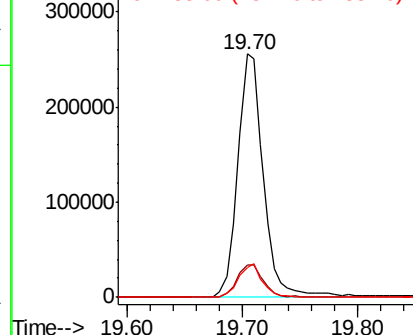
184 100

185 13.5 11.6 17.4

183 12.4 10.4 15.6



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: 49.501 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

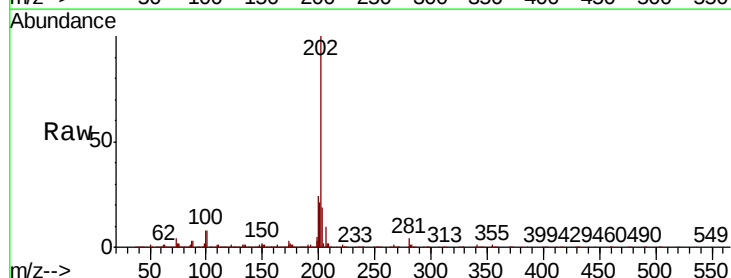
Tgt Ion:202 Resp: 999445

Ion Ratio Lower Upper

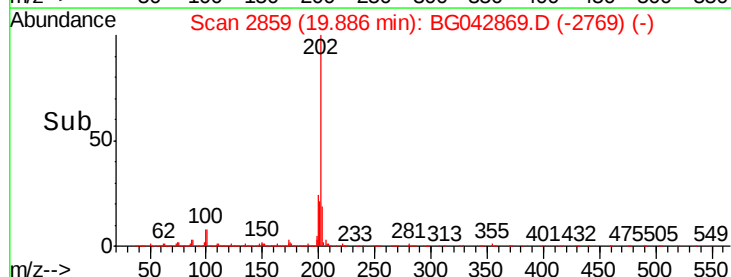
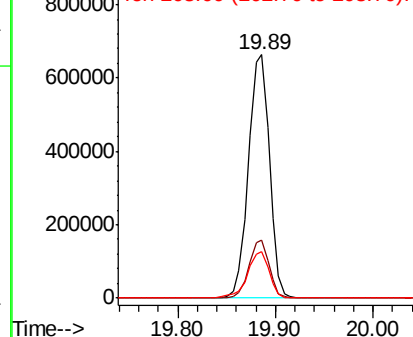
202 100

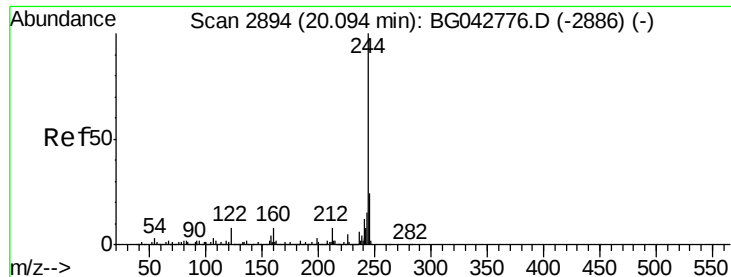
200 23.8 18.5 27.7

203 18.9 15.3 22.9



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





#79

Terphenyl-d14

Concen: 87.463 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB123079BS

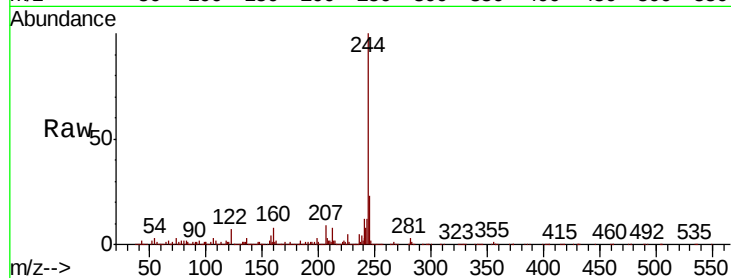
Tot Ion:244 Resp: 1272694

Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

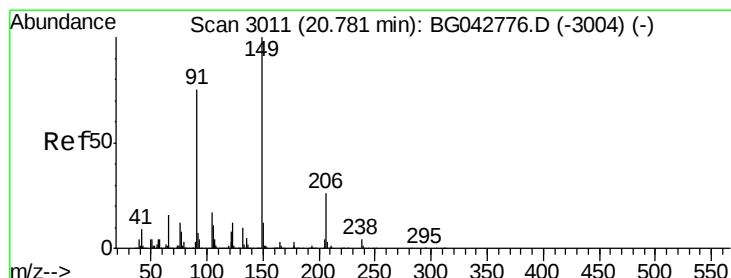
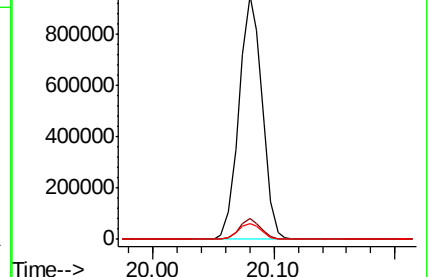
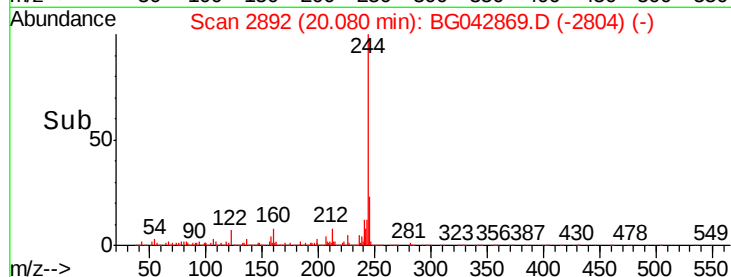
122 6.7 6.2 9.4



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: 38.425 ng

RT: 20.78 min Scan# 3011

Delta R.T. -0.00 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

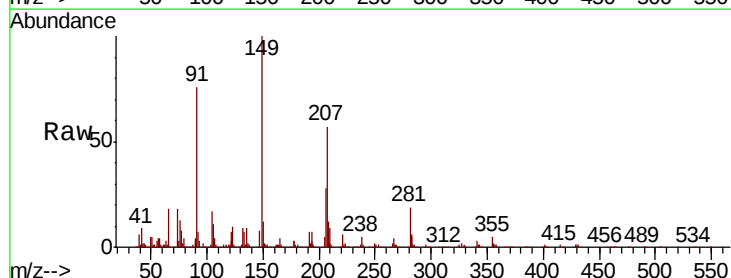
Tgt Ion:149 Resp: 313983

Ion Ratio Lower Upper

149 100

91 76.0 60.2 90.2

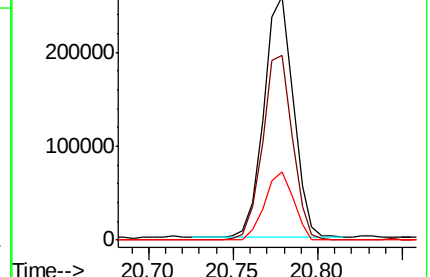
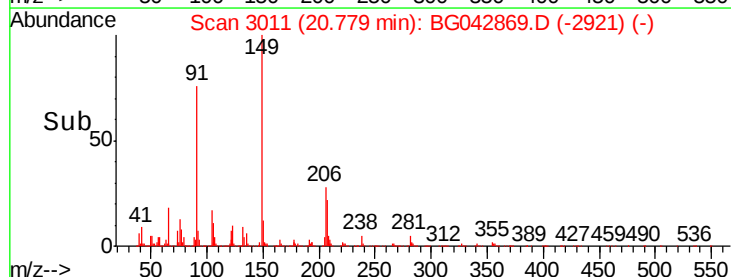
206 28.1 20.6 30.8

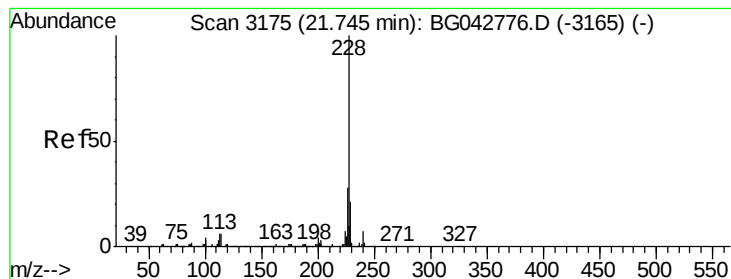


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.243 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB123079BS

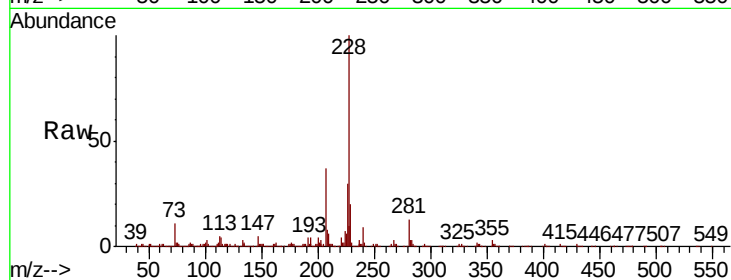
Tot Ion:228 Resp: 804660

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.5	33.7
229	20.4	17.2	25.8

228 100

226 29.5 22.5 33.7

229 20.4 17.2 25.8

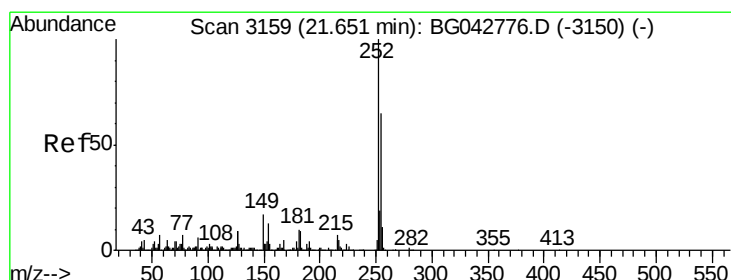
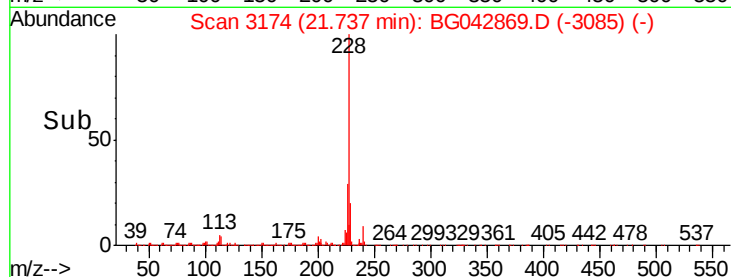
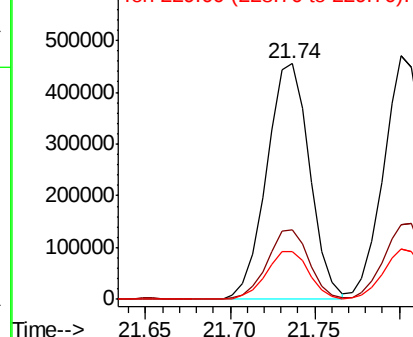


Abundance

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: 27.115 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

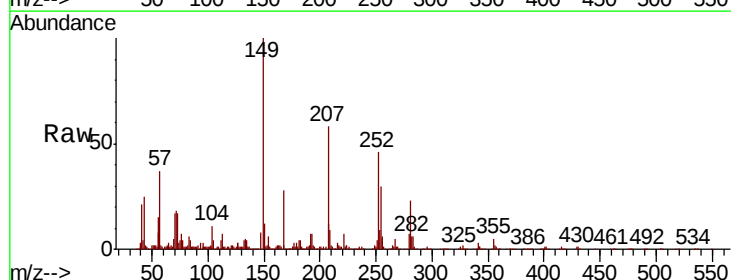
Tgt Ion:252 Resp: 216064

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.2	78.2
126	6.0	7.0	10.4

252 100

254 65.3 52.2 78.2

126 6.0 7.0 10.4

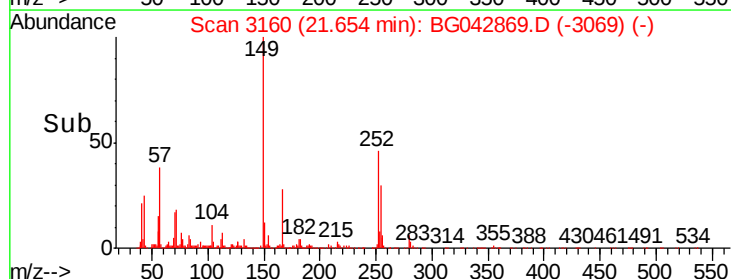
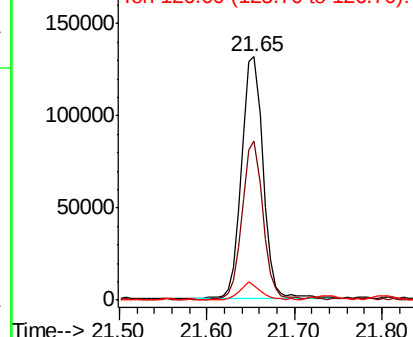


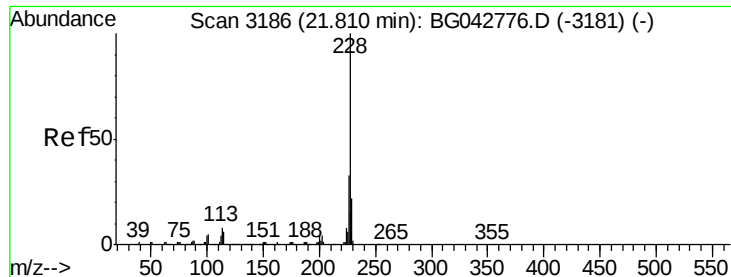
Abundance

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: 40.889 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB123079BS

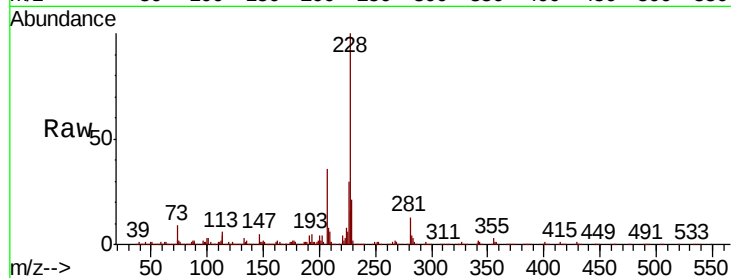
Tot Ion:228 Resp: 794174

Ion Ratio Lower Upper

228 100

226 30.4 26.0 39.0

229 20.8 17.1 25.7

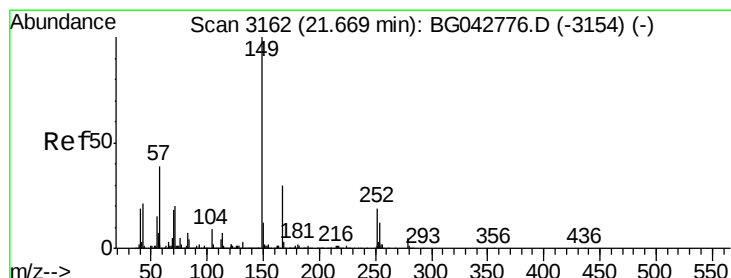
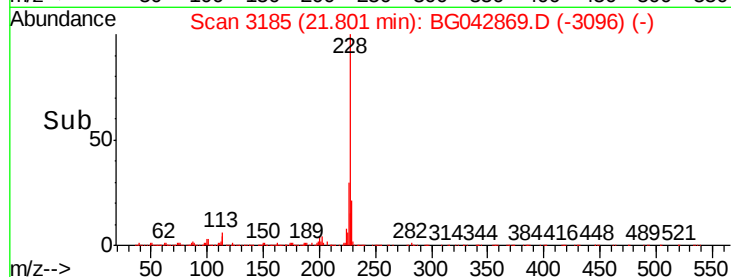
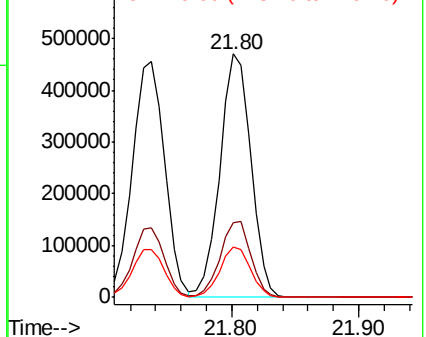


Abundance

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: 35.351 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

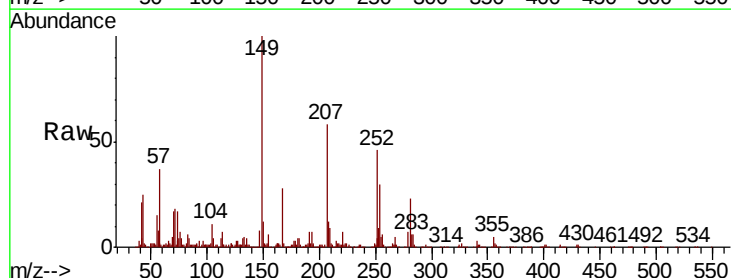
Tgt Ion:149 Resp: 394695

Ion Ratio Lower Upper

149 100

167 28.1 24.3 36.5

279 6.7 4.2 6.4#

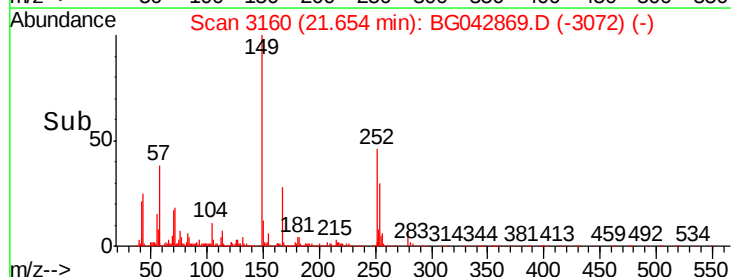
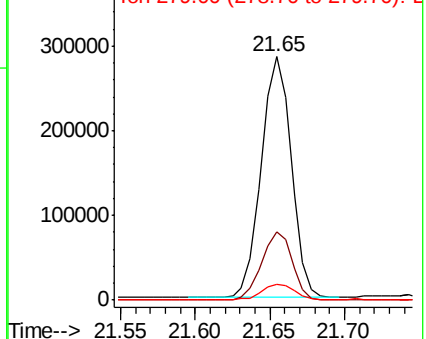


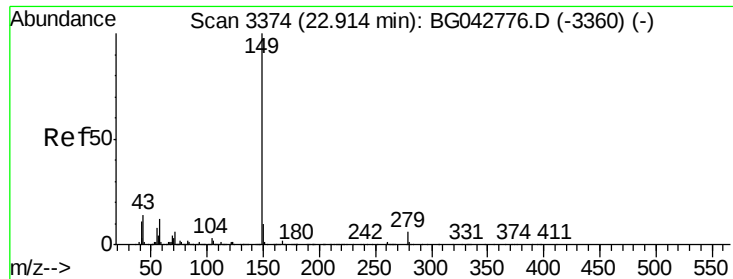
Abundance

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

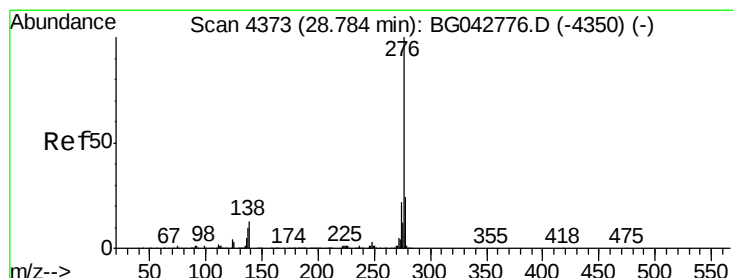
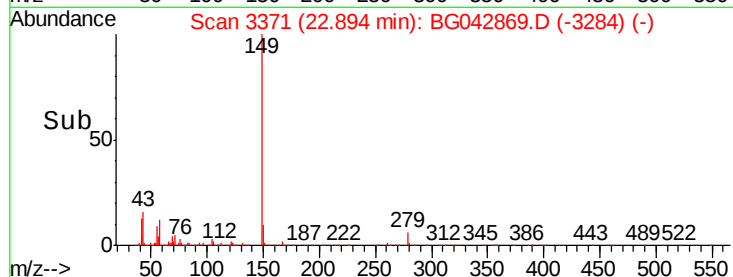
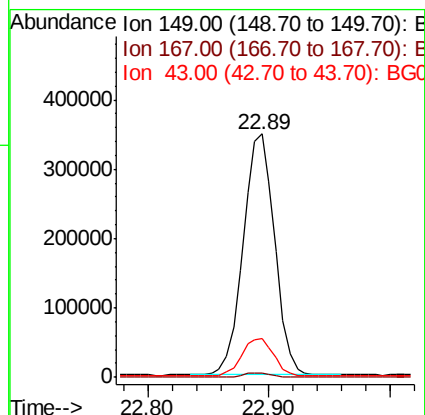
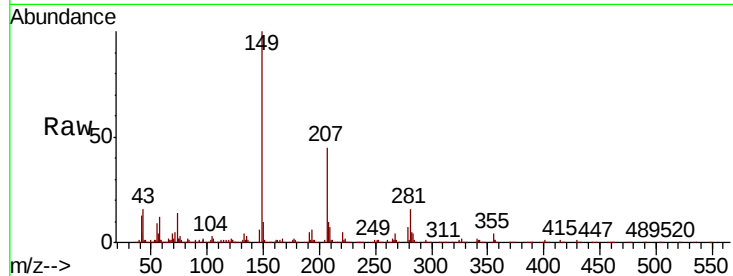




#85
Di-n-octyl phthalate
Concen: 32.880 ng
RT: 22.89 min Scan# 3371
Delta R.T. -0.02 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

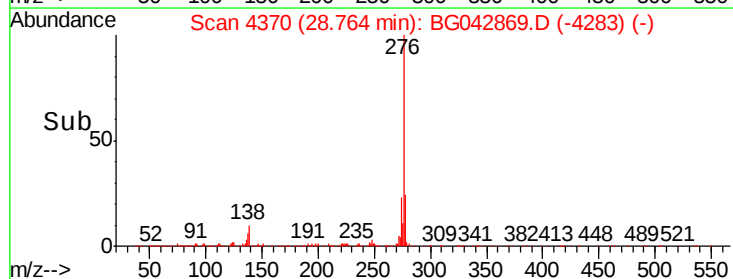
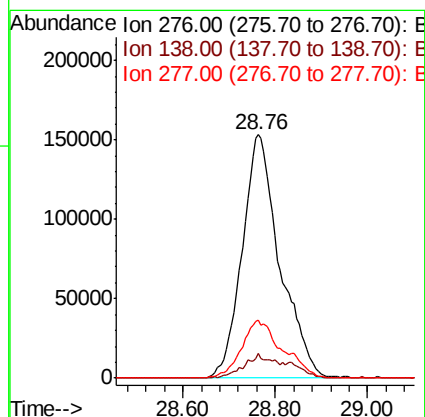
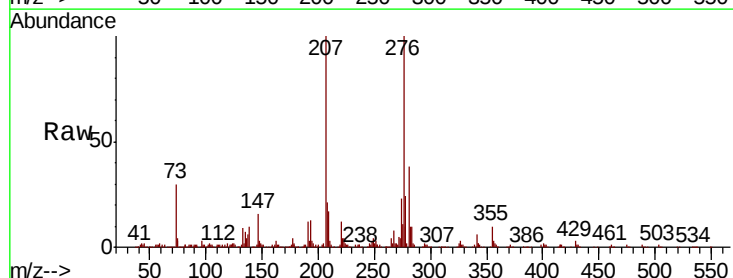
Instrument :
BNA_G
ClientSampleId :
PB123079BS

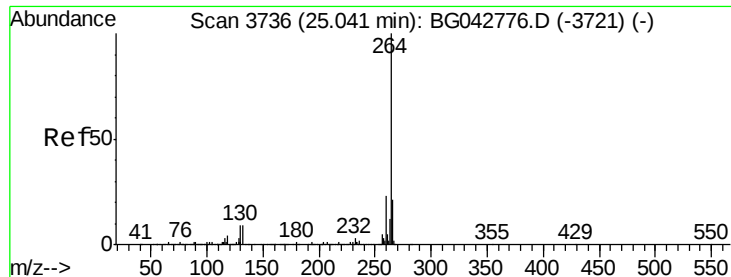
Tot Ion:149 Resp: 625816
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 16.0 10.6 15.8#



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.048 ng
RT: 28.76 min Scan# 4370
Delta R.T. -0.02 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

Tgt Ion:276 Resp: 867031
Ion Ratio Lower Upper
276 100
138 7.8 9.3 13.9#
277 25.7 17.2 25.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB123079BS

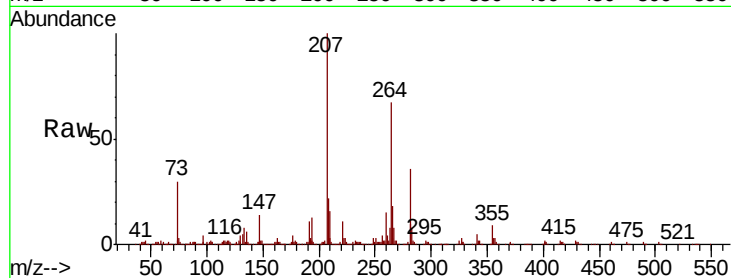
Tot Ion:264 Resp: 330271

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.2

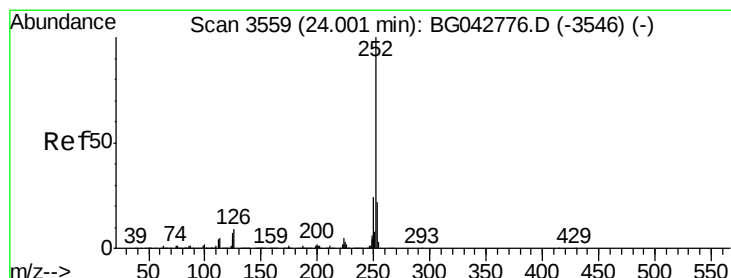
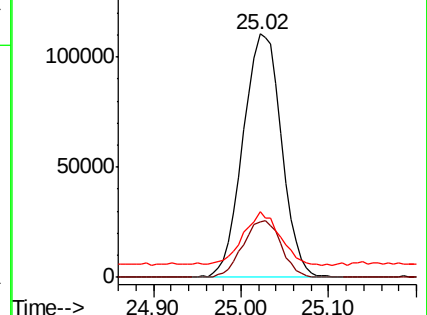
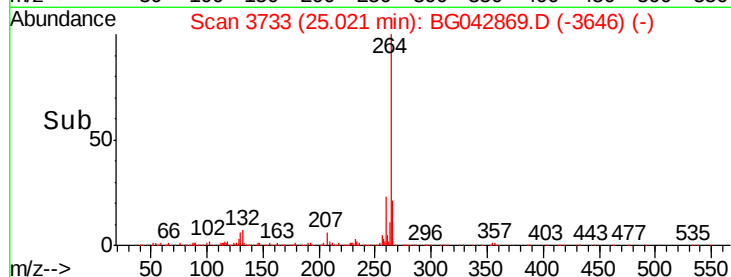
265 27.0 16.9 25.3#



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.925 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.01 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

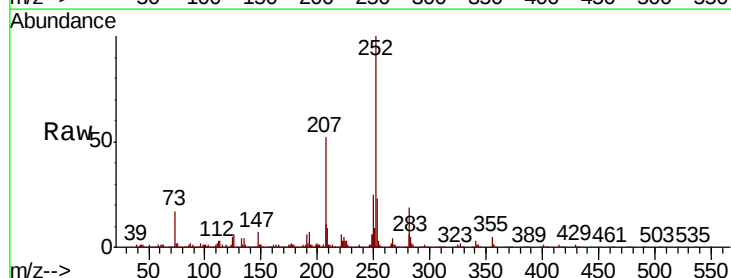
Tgt Ion:252 Resp: 774256

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

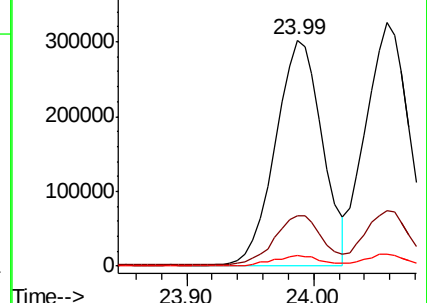
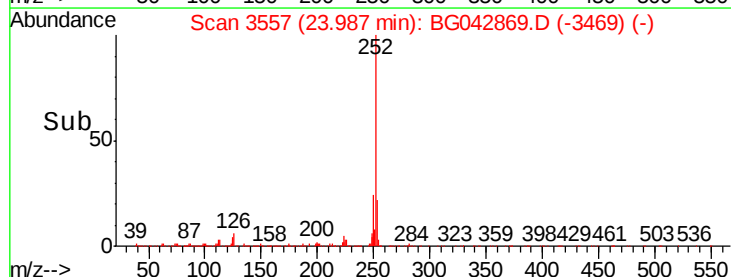
125 4.5 5.6 8.4#

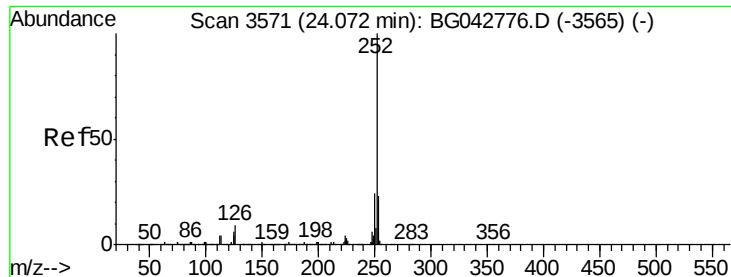


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

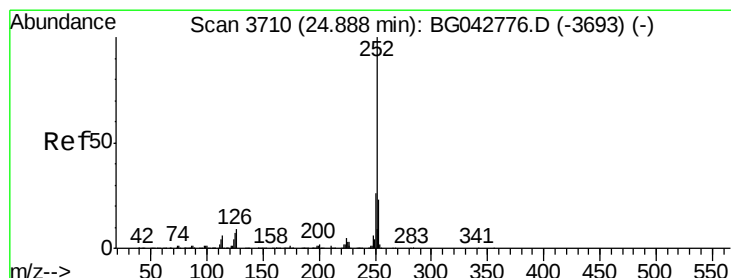
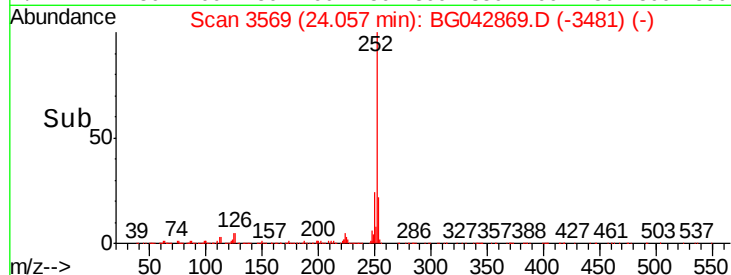
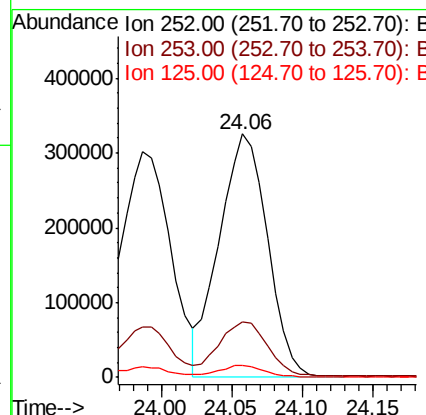
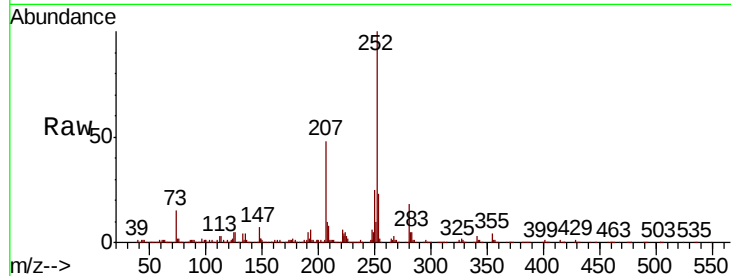




#89
Benzo(k)fluoranthene
Concen: 42.110 ng
RT: 24.06 min Scan# 3569
Delta R.T. -0.01 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

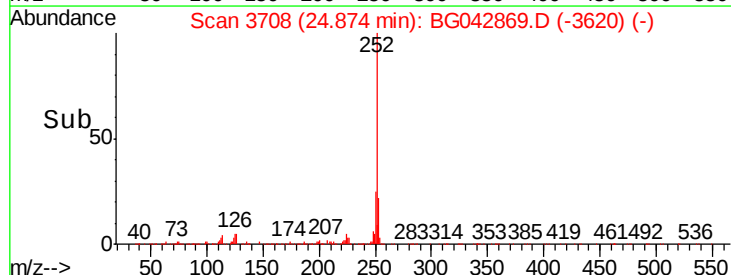
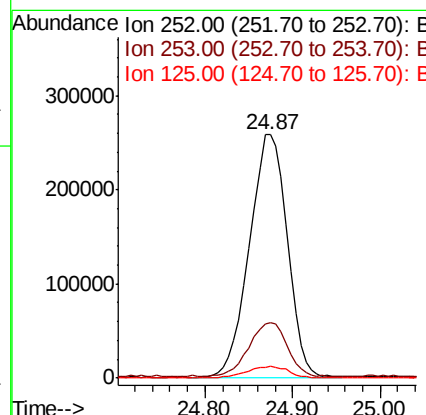
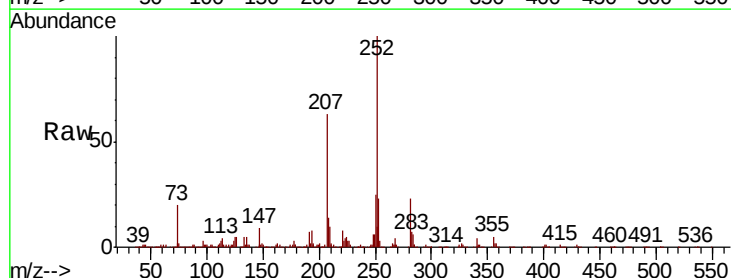
Instrument :
BNA_G
ClientSampleId :
PB123079BS

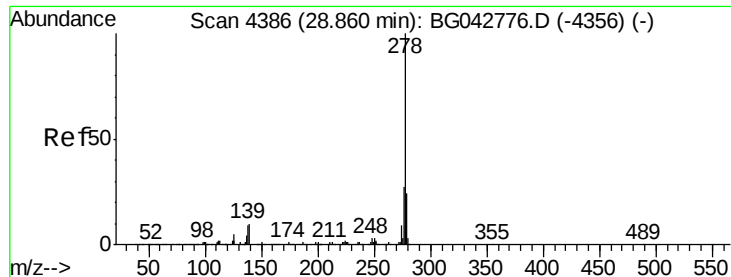
Tot Ion:252 Resp: 771398
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 5.1 5.3 7.9#



#90
Benzo(a)pyrene
Concen: 41.876 ng
RT: 24.87 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG042869.D
Acq: 17 Sep 2019 16:13

Tgt Ion:252 Resp: 760417
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 5.0 5.7 8.5#





#91

Dibenzo(a,h)anthracene

Concen: 41.010 ng

RT: 28.83 min Scan# 4382

Delta R.T. -0.03 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB123079BS

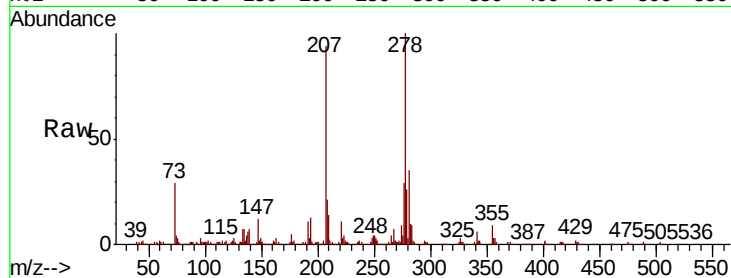
Tot Ion:278 Resp: 732442

Ion Ratio Lower Upper

278 100

139 7.0 8.2 12.2#

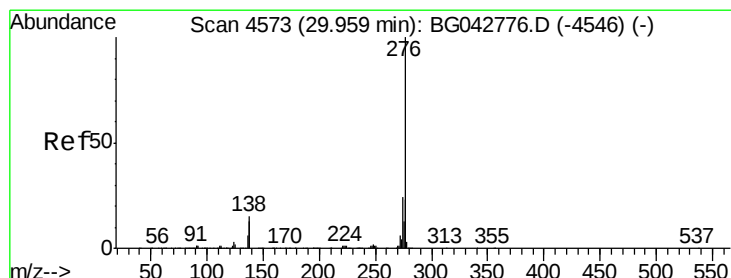
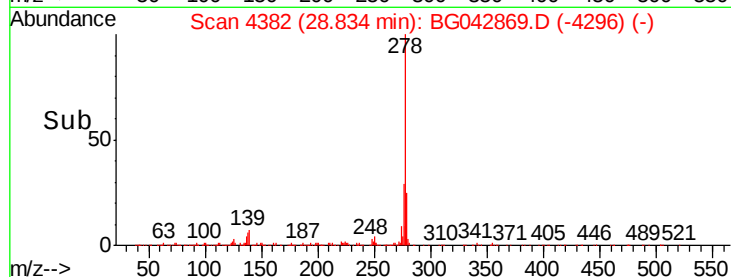
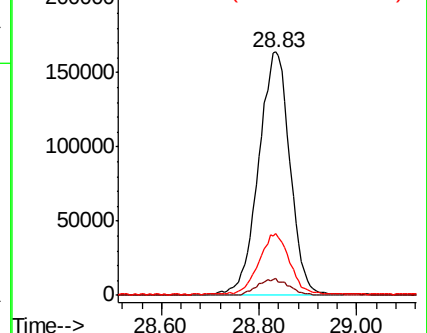
279 25.6 19.4 29.2



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: 42.001 ng

RT: 29.94 min Scan# 4570

Delta R.T. -0.02 min

Lab File: BG042869.D

Acq: 17 Sep 2019 16:13

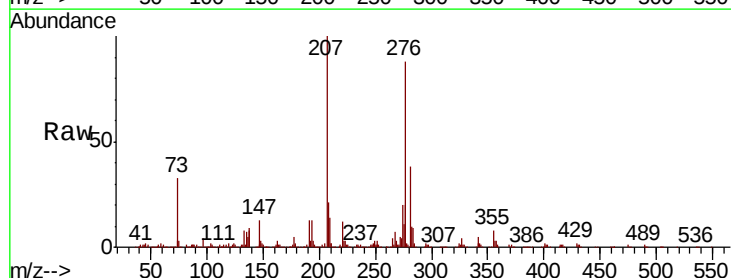
Tgt Ion:276 Resp: 731687

Ion Ratio Lower Upper

276 100

277 22.7 18.4 27.6

138 10.5 11.8 17.8#



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

