

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
 Data File : BG043031.D
 Acq On : 4 Oct 2019 17:00
 Operator : JU
 Sample : PB123594BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

Quant Time: Oct 05 04:50:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	77276	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	300947	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	211330	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	498251	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	557181	20.00	ng	-0.02
87) Perylene-d12	24.92	264	562735	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	495049	114.33	ng	-0.01
7) Phenol-d6	7.24	99	671683	107.72	ng	0.00
23) Nitrobenzene-d5	9.22	82	398748	64.40	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	405302	111.53	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	986289	67.66	ng	-0.02
79) Terphenyl-d14	20.03	244	1796989	68.72	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.54	88	65711	36.398 ng	96
3) Pyridine	3.94	79	159254	31.363 ng	93
4) n-Nitrosodimethylamine	3.85	42	92286	37.794 ng	# 78
6) Aniline	7.39	93	260785	34.646 ng	99
8) 2-Chlorophenol	7.63	128	209435	46.379 ng	99
9) Benzaldehyde	7.20	77	106687	27.999 ng	93
10) Phenol	7.26	94	262933	45.959 ng	95
11) bis(2-Chloroethyl)ether	7.48	93	179864	40.634 ng	96
12) 1,3-Dichlorobenzene	7.95	146	226650	39.345 ng	98
13) 1,4-Dichlorobenzene	8.10	146	230282	40.100 ng	99
14) 1,2-Dichlorobenzene	8.42	146	219137	40.082 ng	96
15) Benzyl Alcohol	8.30	79	203254	43.355 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	283761	33.380 ng	96
17) 2-Methylphenol	8.51	107	180705	45.142 ng	97
18) Hexachloroethane	9.15	117	84564	39.100 ng	96
19) n-Nitroso-di-n-propylamine	8.87	70	161617	39.472 ng	95
20) 3+4-Methylphenols	8.84	107	249197	45.426 ng	98
22) Acetophenone	8.88	105	313932	40.468 ng	# 95
24) Nitrobenzene	9.26	77	244256	41.358 ng	97
25) Isophorone	9.79	82	449233	41.305 ng	99
26) 2-Nitrophenol	9.98	139	118856	47.275 ng	92
27) 2,4-Dimethylphenol	10.04	122	196678	50.939 ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	251439	40.748 ng	98
29) 2,4-Dichlorophenol	10.52	162	227415	47.359 ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	253493	40.879 ng	96
31) Naphthalene	10.92	128	624157	42.131 ng	98
32) Benzoic acid	10.19	122	134824	45.386 ng	95
33) 4-Chloroaniline	11.02	127	210771	32.787 ng	97
34) Hexachlorobutadiene	11.20	225	176242	37.958 ng	98
35) Caprolactam	11.80	113	34467	20.354 ng	# 80
36) 4-Chloro-3-methylphenol	12.14	107	239804	45.930 ng	95
37) 2-Methylnaphthalene	12.51	142	479878	42.461 ng	97
38) 1-Methylnaphthalene	12.73	142	446323	41.736 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	315155	39.663 ng	99

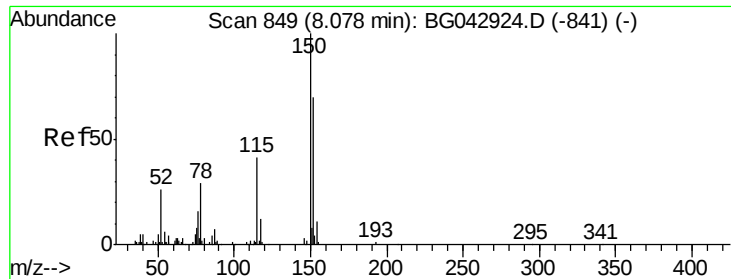
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
 Data File : BG043031.D
 Acq On : 4 Oct 2019 17:00
 Operator : JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	406876	80.367	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	208243	44.776	ng	95
44) 2,4,5-Trichlorophenol	13.20	196	228018	47.593	ng	98
46) 1,1'-Biphenyl	13.52	154	645775	40.295	ng	99
47) 2-Chloronaphthalene	13.56	162	500012	41.614	ng	99
48) 2-Nitroaniline	13.76	65	167422	41.900	ng	95
49) Acenaphthylene	14.41	152	797926	43.399	ng	100
50) Dimethylphthalate	14.14	163	666108	42.068	ng	98
51) 2,6-Dinitrotoluene	14.25	165	151831	45.027	ng	95
52) Acenaphthene	14.75	154	482430	39.202	ng	99
53) 3-Nitroaniline	14.59	138	121559	34.883	ng	94
54) 2,4-Dinitrophenol	14.79	184	189272	90.303	ng	97
55) Dibenzofuran	15.08	168	768061	42.190	ng	97
56) 4-Nitrophenol	14.91	139	242829	91.455	ng	98
57) 2,4-Dinitrotoluene	15.04	165	217161	43.978	ng	93
58) Fluorene	15.73	166	654471	42.109	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	223667	43.846	ng	99
60) Diethylphthalate	15.50	149	653853	40.575	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	387731	41.596	ng	98
62) 4-Nitroaniline	15.75	138	155553	40.929	ng	96
63) Azobenzene	16.01	77	586455	39.973	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	134579	47.733	ng	95
66) n-Nitrosodiphenylamine	15.93	169	589383	44.809	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	266935	42.685	ng	97
68) Hexachlorobenzene	16.73	284	290669	41.745	ng	96
69) Atrazine	16.88	200	223723	40.392	ng	98
70) Pentachlorophenol	17.08	266	379606	94.482	ng	99
71) Phenanthrene	17.47	178	1030395	42.360	ng	99
72) Anthracene	17.56	178	1048803	43.189	ng	98
73) Carbazole	17.83	167	968927	43.027	ng	99
74) Di-n-butylphthalate	18.38	149	1118702	41.637	ng	98
75) Fluoranthene	19.48	202	1353101	42.056	ng	100
77) Benzidine	19.65	184	392573	28.139	ng	99
78) Pyrene	19.83	202	1381744	41.549	ng	98
80) Butylbenzylphthalate	20.72	149	534425	42.337	ng	96
81) Benzo(a)anthracene	21.67	228	1417238	40.822	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	555010	40.760	ng	100
83) Chrysene	21.74	228	1392232	41.324	ng	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	763949	42.532	ng	99
85) Di-n-octyl phthalate	22.80	149	1292945	44.020	ng	97
86) Indeno(1,2,3-cd)pyrene	28.58	276	1825306	43.520	ng	99
88) Benzo(b)fluoranthene	23.89	252	1551960	48.741	ng	100
89) Benzo(k)fluoranthene	23.96	252	1480426	46.998	ng	100
90) Benzo(a)pyrene	24.76	252	1492421	49.680	ng	99
91) Dibenzo(a,h)anthracene	28.65	278	1550386	50.330	ng	99
92) Benzo(g,h,i)perylene	29.73	276	1532047	51.330	ng	98

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

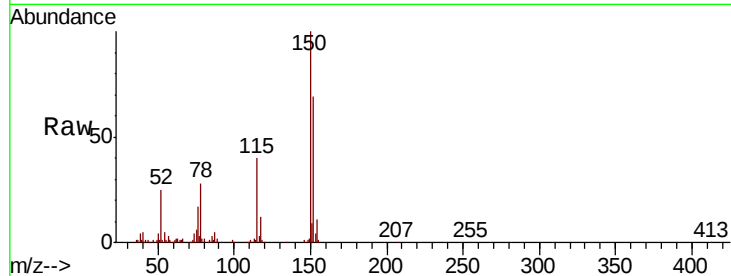


#1

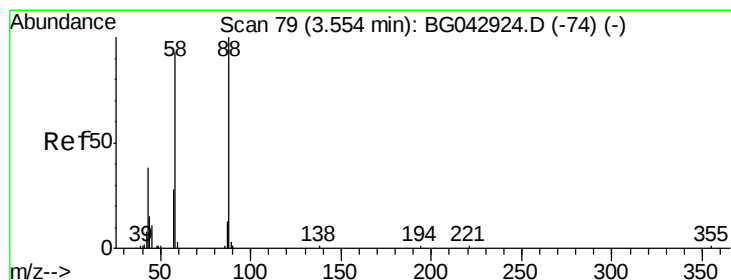
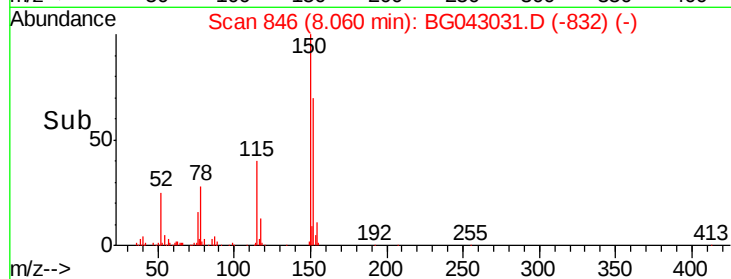
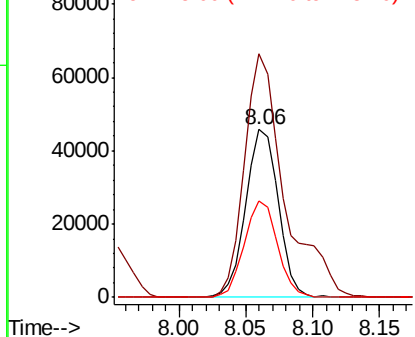
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion:152 Resp: 77276
Ion Ratio Lower Upper
152 100
150 145.2 115.0 172.4
115 57.5 47.0 70.6



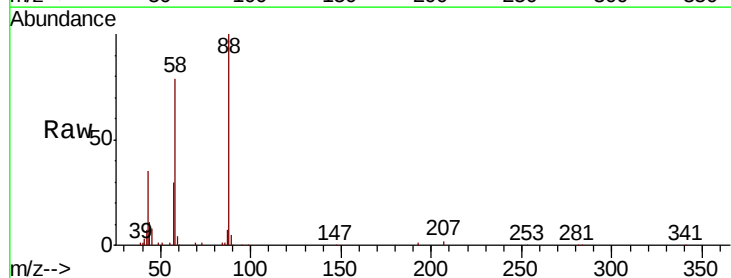
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



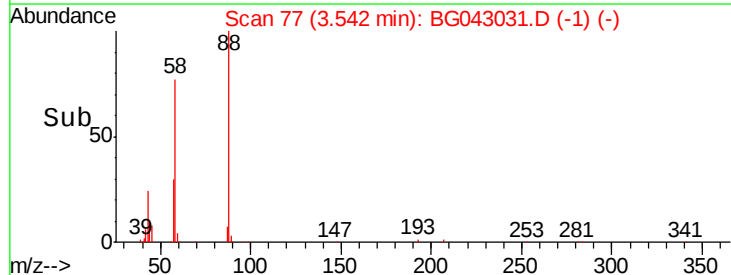
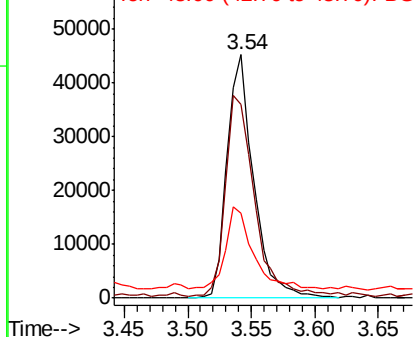
#2

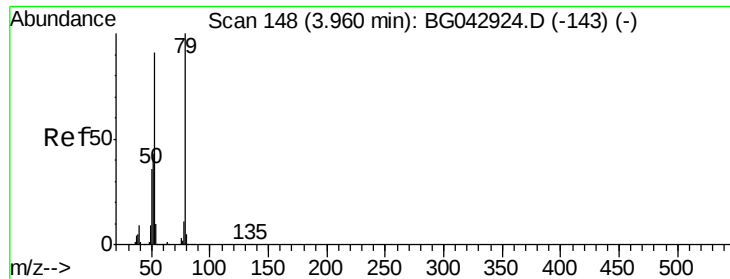
1,4-Dioxane
Concen: 36.398 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion: 88 Resp: 65711
Ion Ratio Lower Upper
88 100
58 89.1 74.3 111.5
43 35.3 29.8 44.8



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: 31.363 ng

RT: 3.94 min Scan# 144

Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

ClientSampleId :

PB123594BS

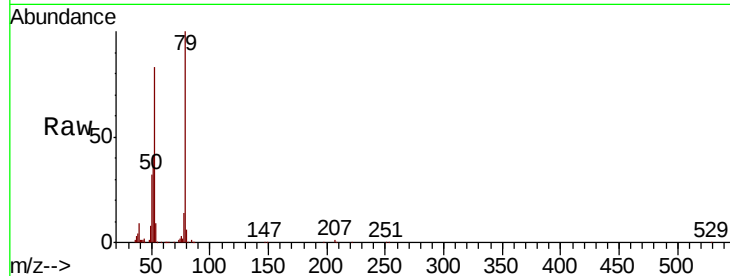
Tot Ion: 79 Resp: 159254

Ion Ratio Lower Upper

79 100

52 82.6 73.0 109.4

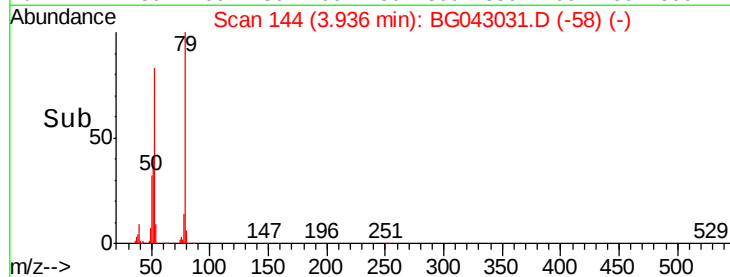
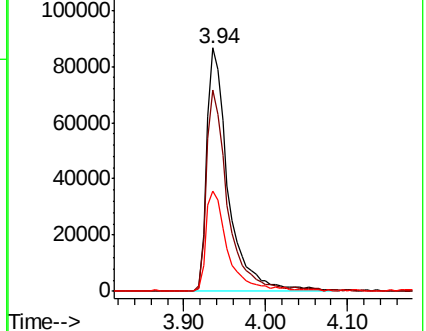
51 41.4 35.1 52.7



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: 37.794 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

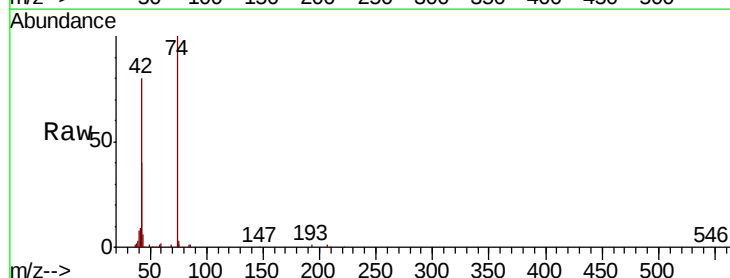
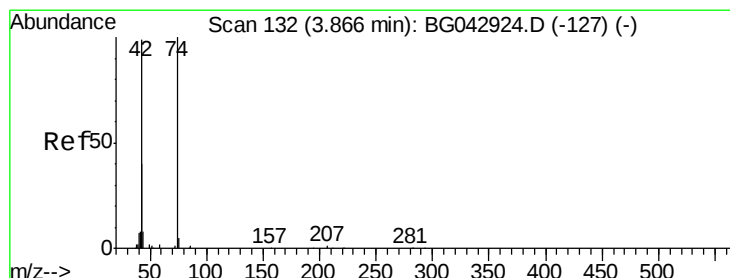
Tgt Ion: 42 Resp: 92286

Ion Ratio Lower Upper

42 100

74 124.4 80.5 120.7#

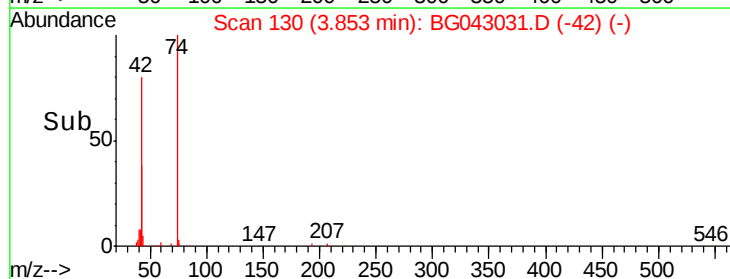
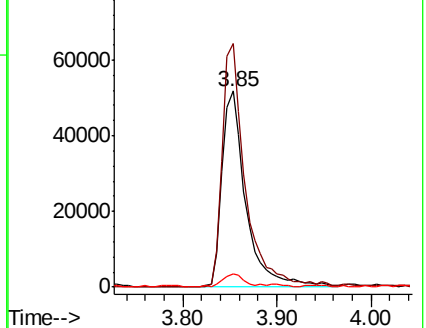
44 7.0 6.9 10.3



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: 114.327 ng

RT: 5.65 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

ClientSampleId :

PB123594BS

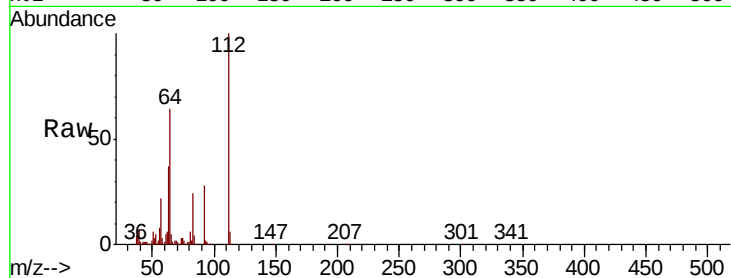
Tot Ion:112 Resp: 495049

Ion Ratio Lower Upper

112 100

64 64.3 56.6 84.8

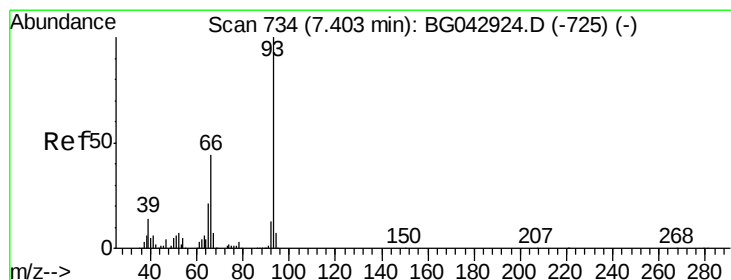
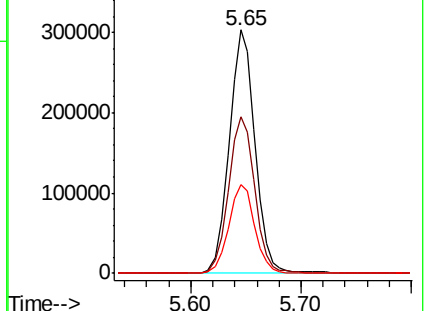
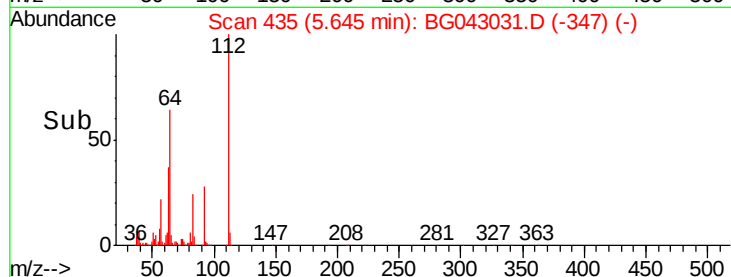
63 36.6 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 34.646 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

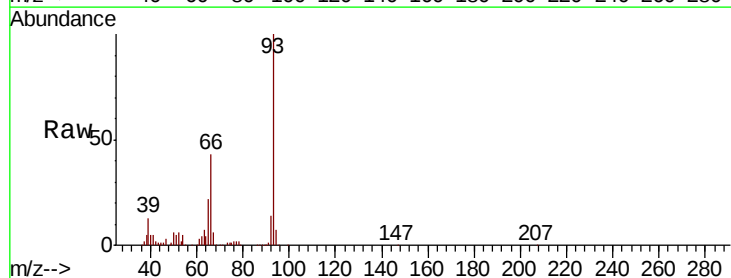
Tgt Ion: 93 Resp: 260785

Ion Ratio Lower Upper

93 100

66 42.5 35.0 52.6

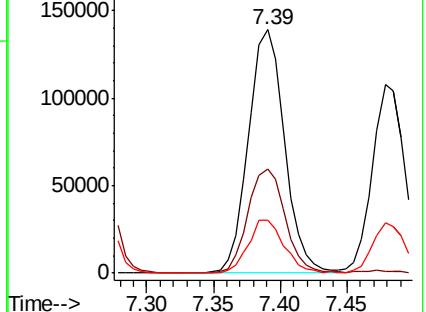
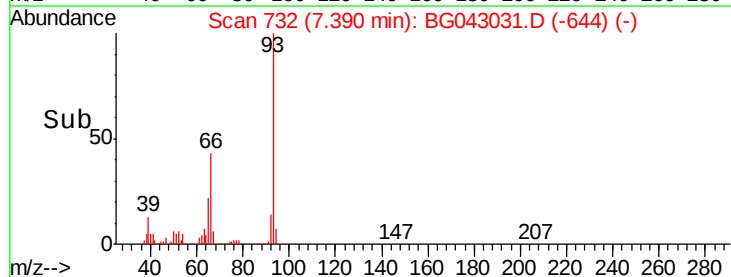
65 22.0 17.4 26.0

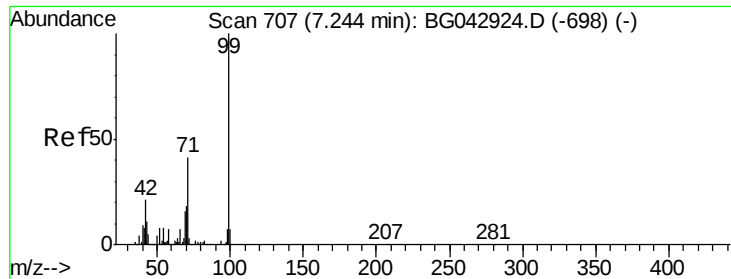


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 107.717 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

ClientSampleId :

PB123594BS

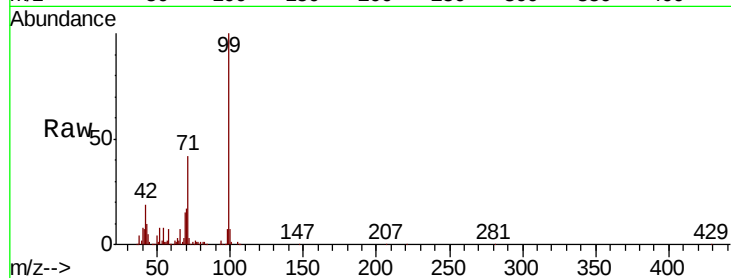
Tot Ion: 99 Resp: 671683

Ion Ratio Lower Upper

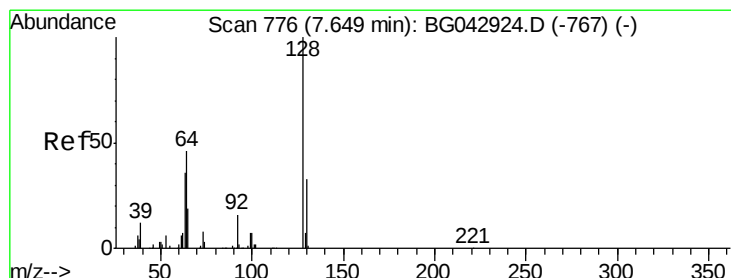
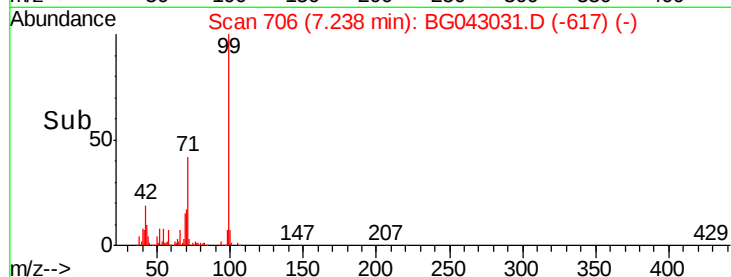
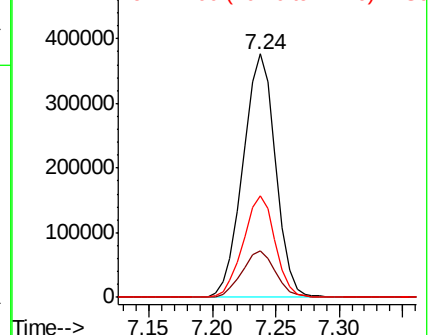
99 100

42 18.9 17.2 25.8

71 41.9 33.1 49.7



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



#8

2-Chlorophenol

Concen: 46.379 ng

RT: 7.63 min Scan# 773

Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

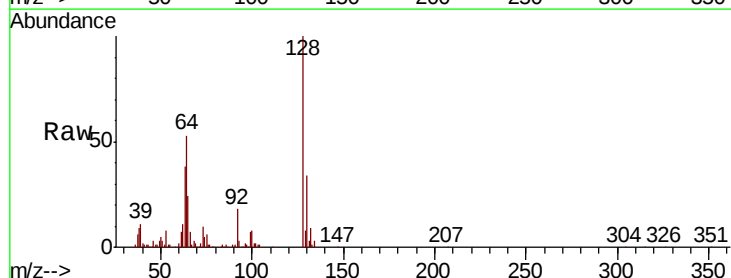
Tgt Ion:128 Resp: 209435

Ion Ratio Lower Upper

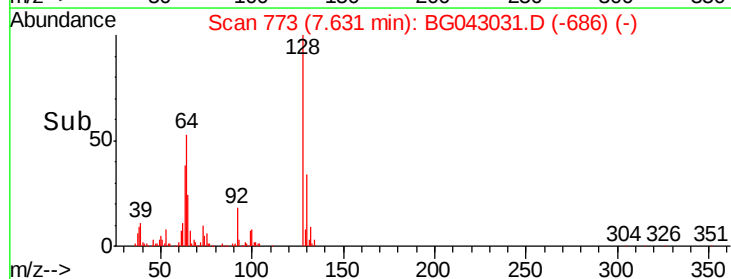
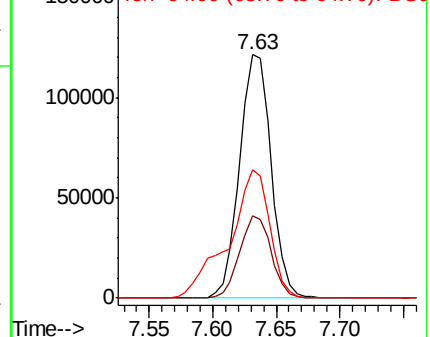
128 100

130 34.0 12.5 52.5

64 52.7 32.8 72.8



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: 27.999 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

ClientSampleId :

PB123594BS

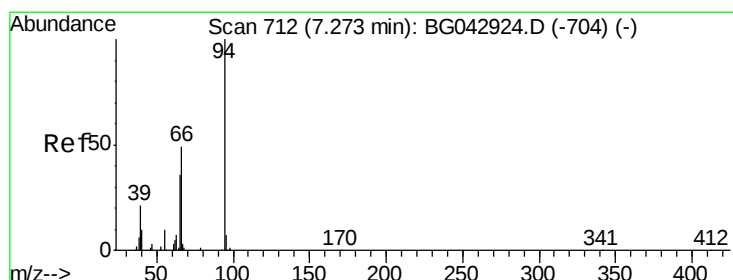
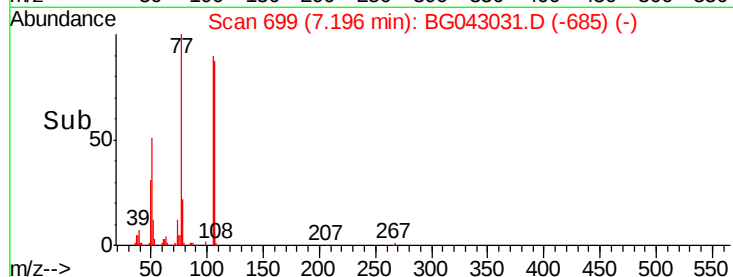
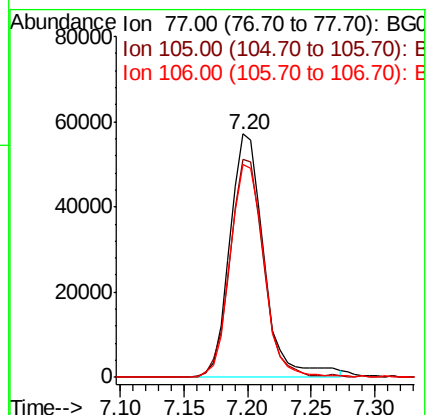
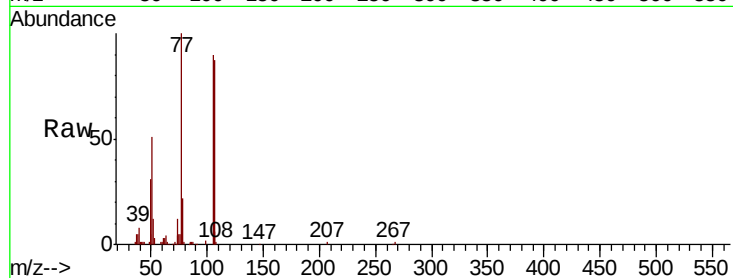
Tot Ion: 77 Resp: 106687

Ion Ratio Lower Upper

77 100

105 89.6 64.6 104.6

106 87.3 59.4 99.4



#10

Phenol

Concen: 45.959 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

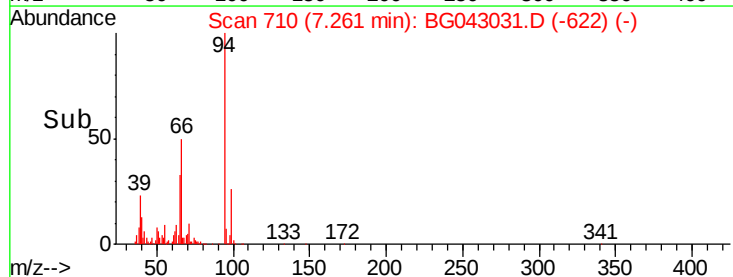
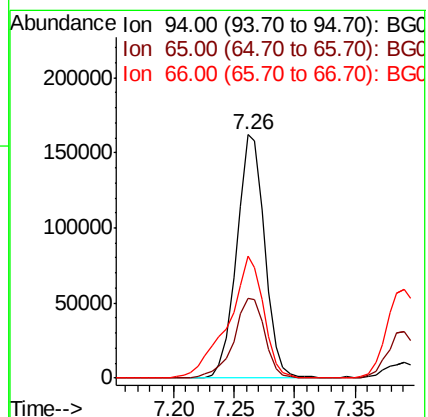
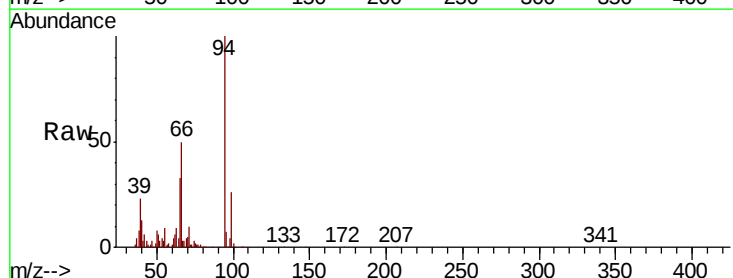
Tgt Ion: 94 Resp: 262933

Ion Ratio Lower Upper

94 100

65 32.9 16.6 56.6

66 49.9 32.4 72.4

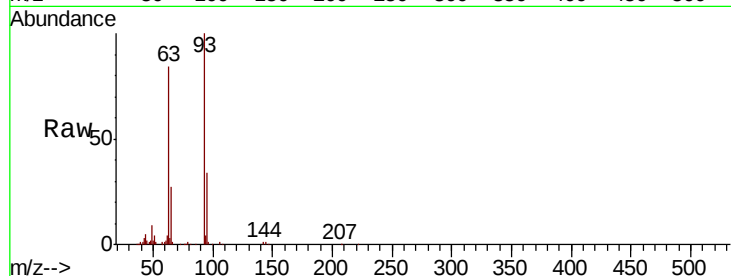




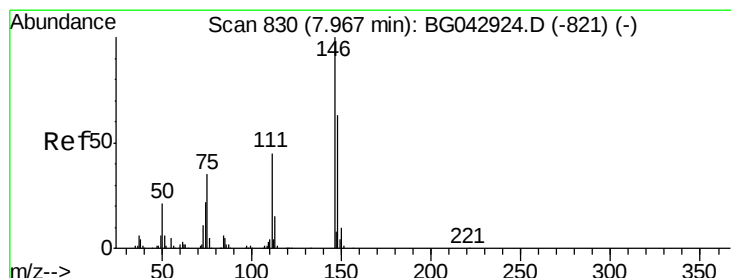
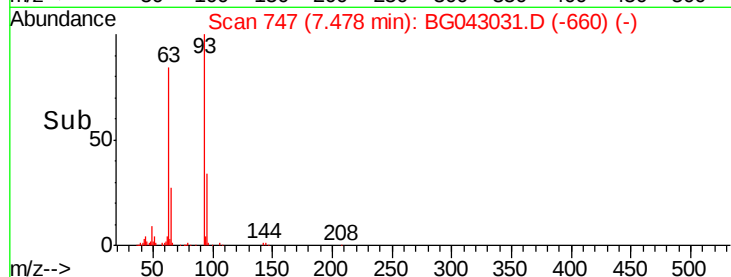
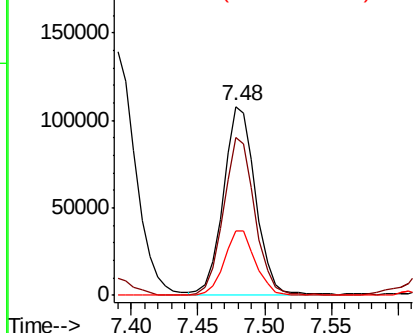
#11
bis(2-Chloroethyl)ether
Concen: 40.634 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion: 93 Resp: 179864
Ion Ratio Lower Upper
93 100
63 83.9 67.4 107.4
95 34.4 11.9 51.9

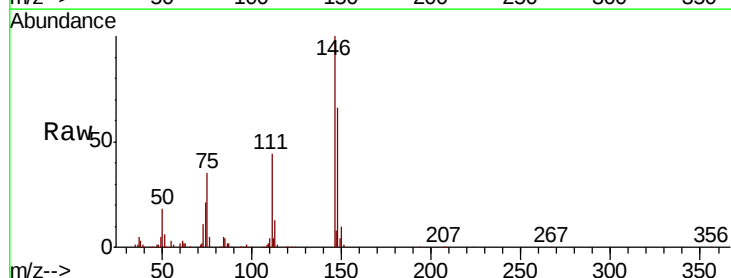


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

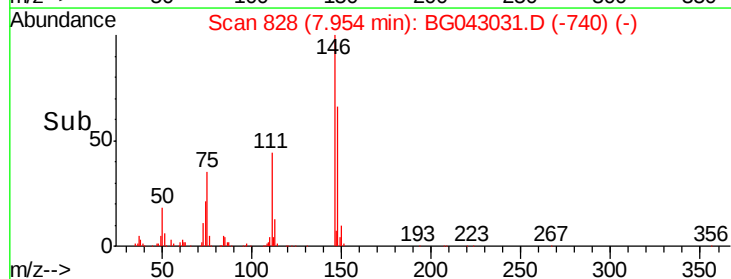
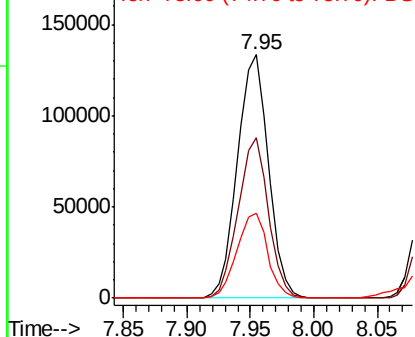


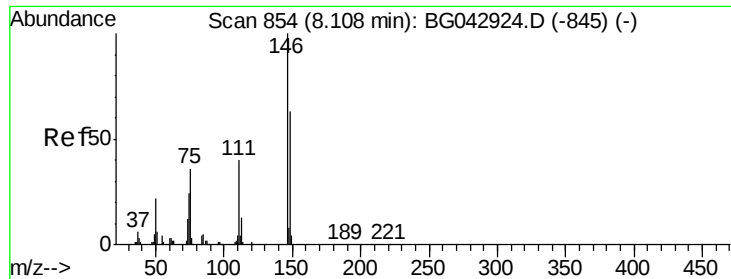
#12
1,3-Dichlorobenzene
Concen: 39.345 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion: 146 Resp: 226650
Ion Ratio Lower Upper
146 100
148 65.7 50.7 76.1
75 34.7 27.7 41.5



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

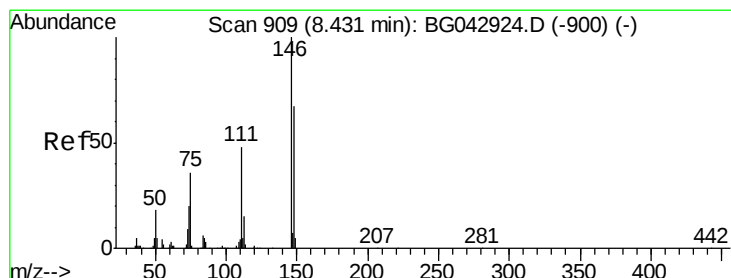
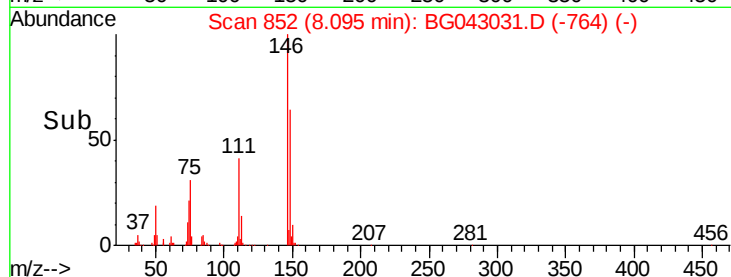
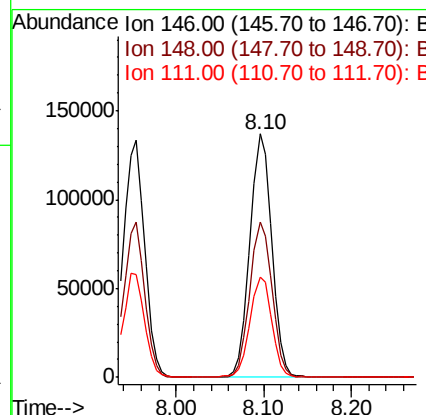
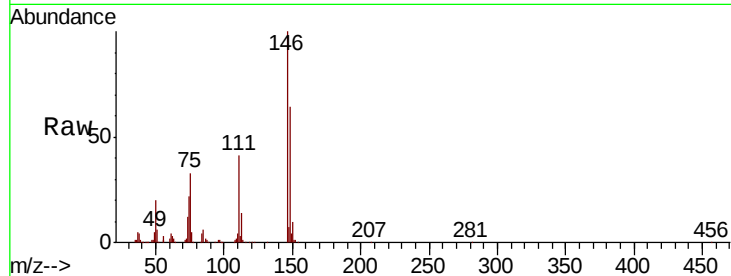




#13
 1,4-Dichlorobenzene
 Concen: 40.100 ng
 RT: 8.10 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

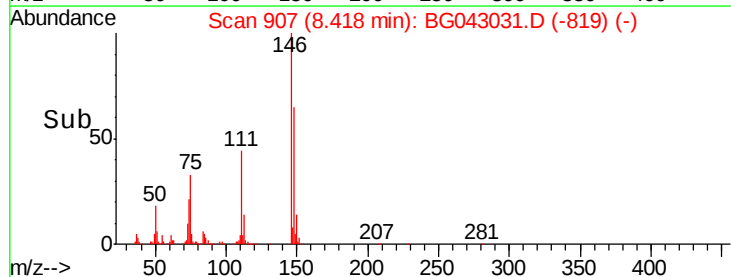
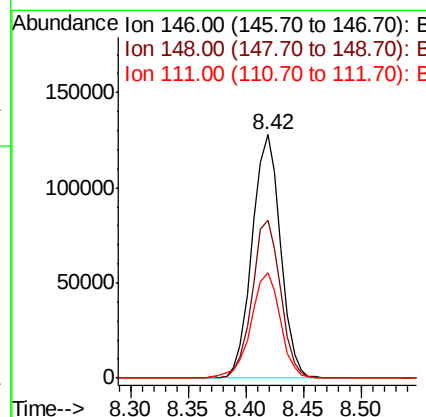
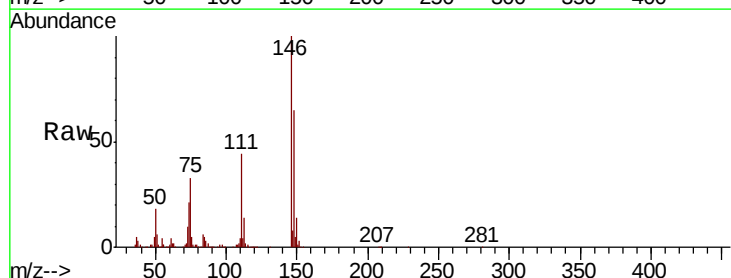
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

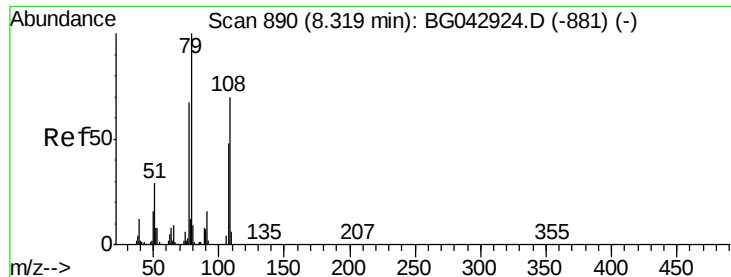
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.9	76.3
111	40.9	31.8	47.8



#14
 1,2-Dichlorobenzene
 Concen: 40.082 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	53.4	80.2
111	43.5	38.5	57.7





#15

Benzyl Alcohol

Concen: 43.355 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

ClientSampleId :

PB123594BS

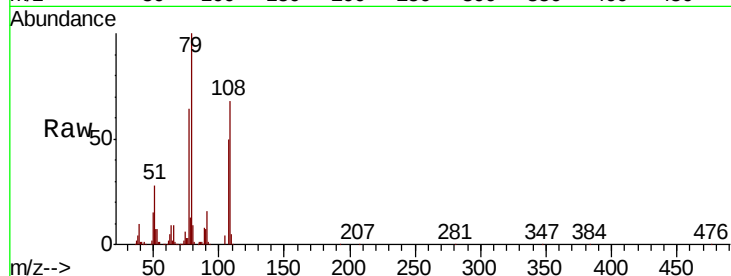
Tot Ion: 79 Resp: 203254

Ion Ratio Lower Upper

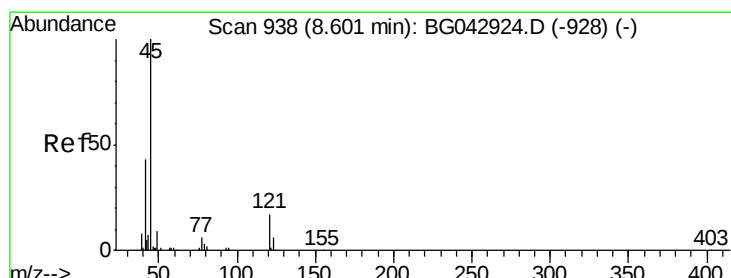
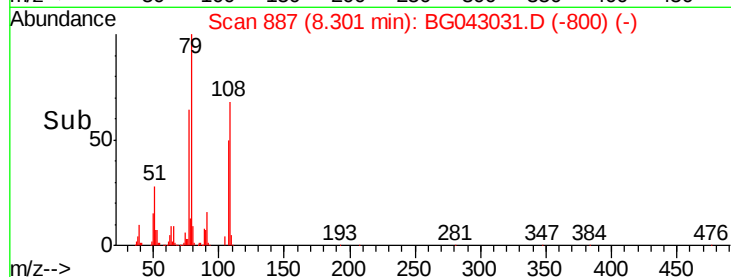
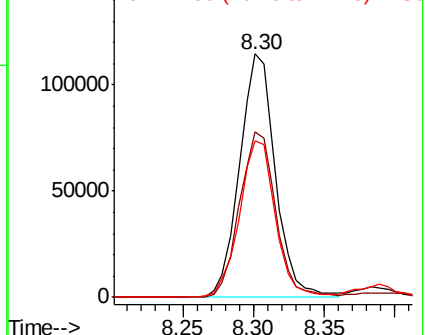
79 100

108 67.9 55.7 83.5

77 64.3 53.3 79.9



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: 33.380 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

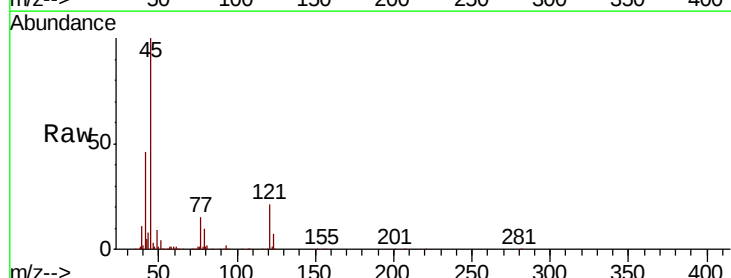
Tgt Ion: 45 Resp: 283761

Ion Ratio Lower Upper

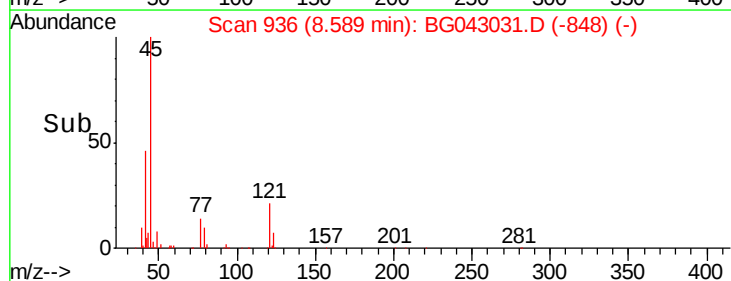
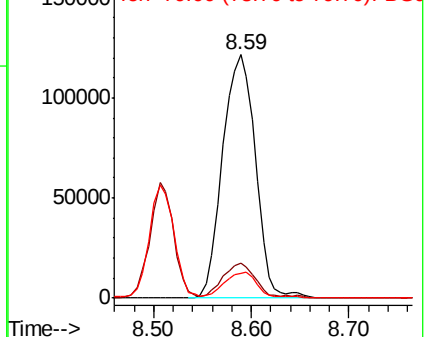
45 100

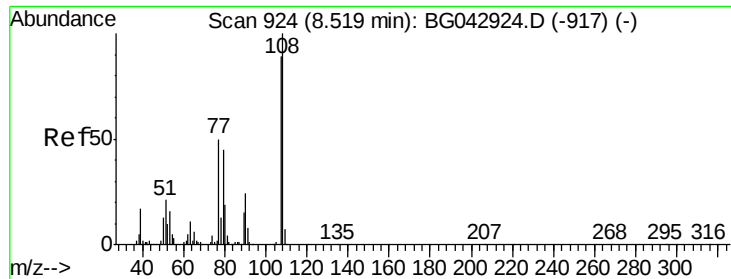
77 14.6 0.0 32.8

79 10.3 0.0 29.4



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: 45.142 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

ClientSampleId :

PB123594BS

Tot Ion:107 Resp: 180705

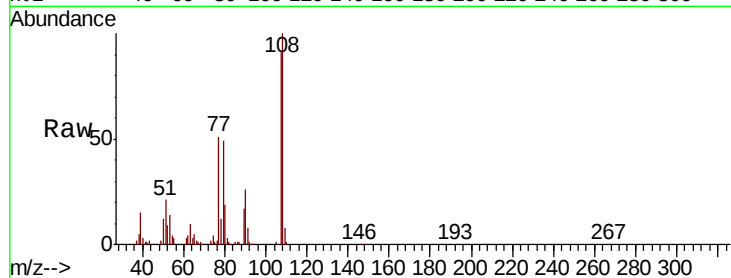
Ion Ratio Lower Upper

107 100

108 109.7 89.9 134.9

77 55.6 45.4 68.2

79 54.3 41.4 62.0

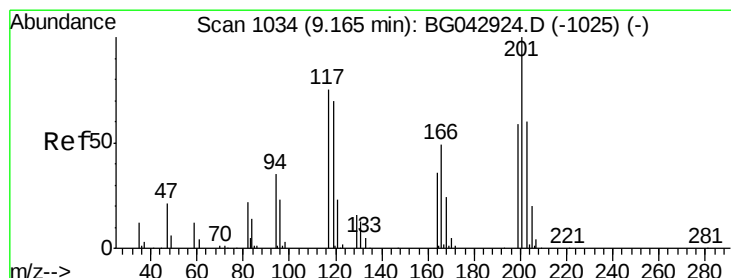
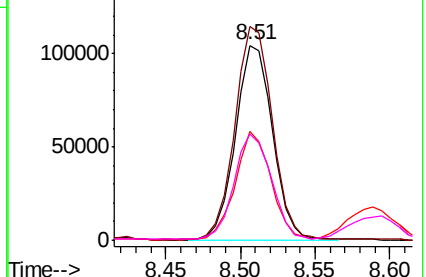
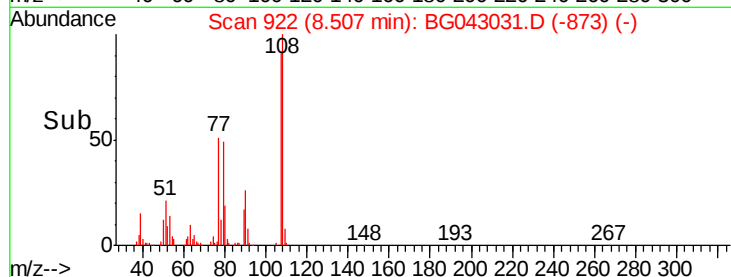


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 39.100 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

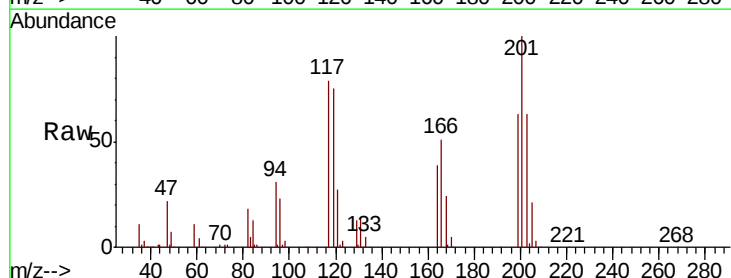
Tgt Ion:117 Resp: 84564

Ion Ratio Lower Upper

117 100

119 95.2 74.6 111.8

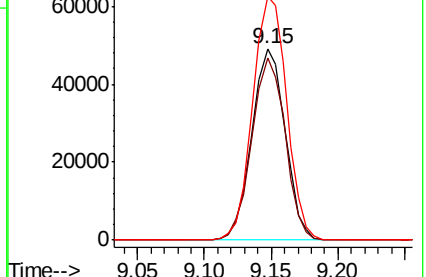
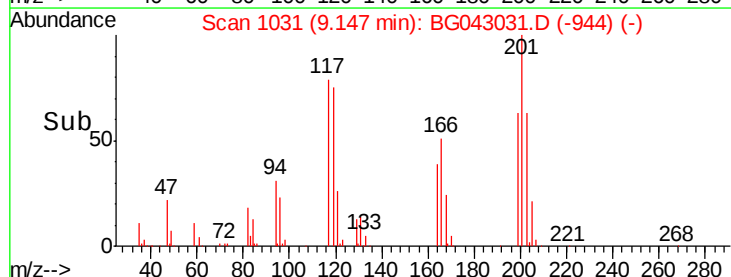
201 127.2 106.0 159.0

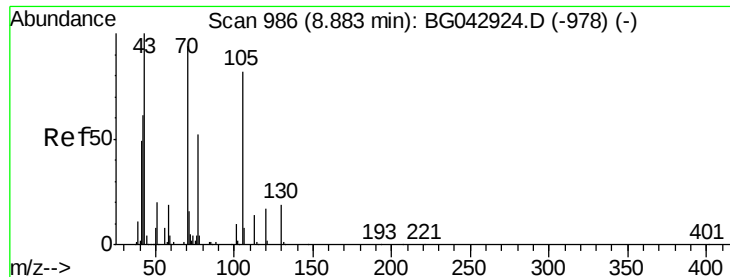


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

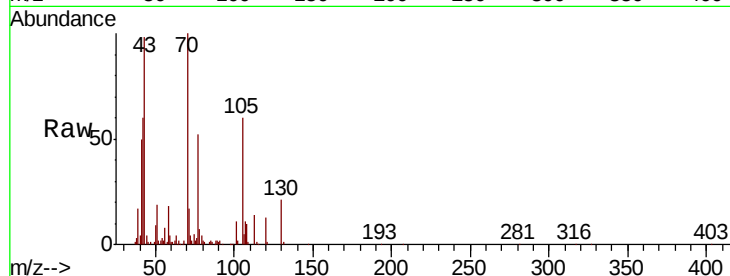




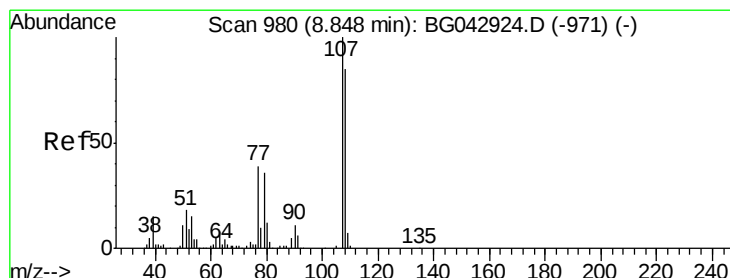
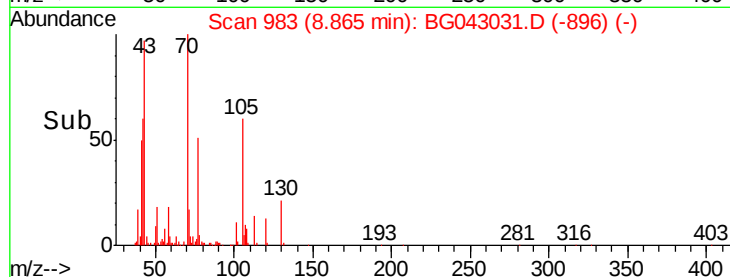
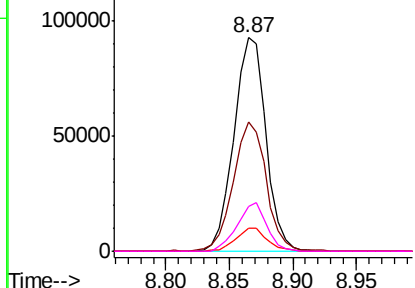
#19
n-Nitroso-di-n-propylamine
Concen: 39.472 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion: 70 Resp: 161617
Ion Ratio Lower Upper
70 100
42 60.3 52.6 79.0
101 10.7 8.7 13.1
130 21.0 15.8 23.8

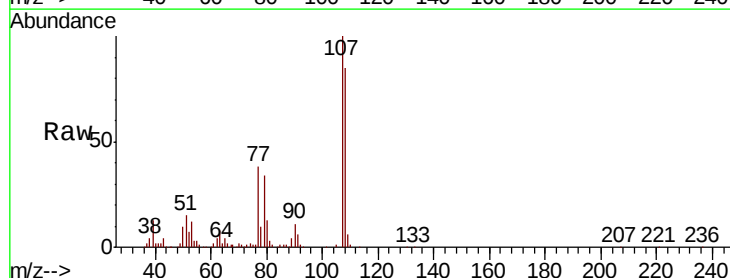


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

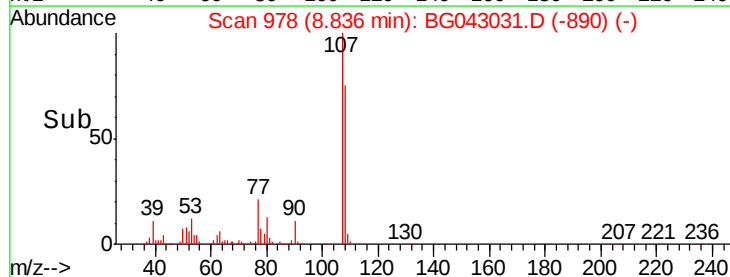
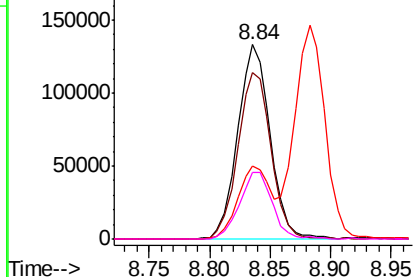


#20
3+4-Methylphenols
Concen: 45.426 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion:107 Resp: 249197
Ion Ratio Lower Upper
107 100
108 85.3 64.9 104.9
77 37.8 19.4 59.4
79 34.4 16.2 56.2



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

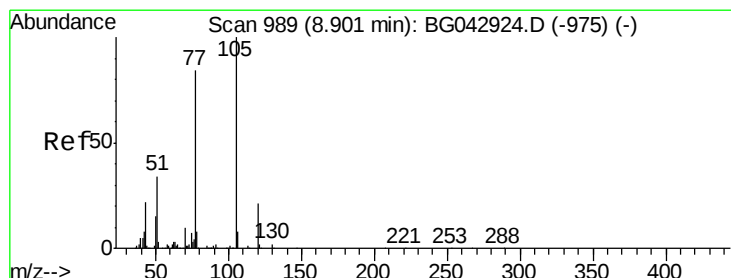
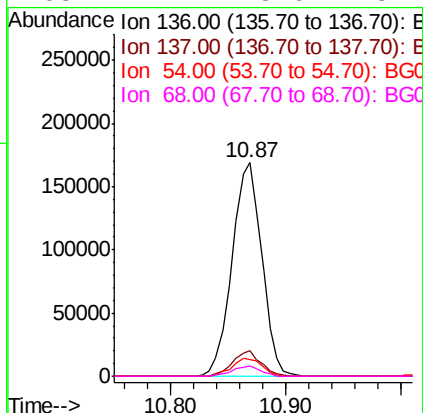
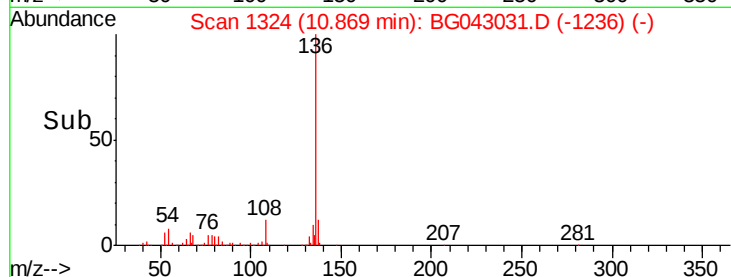
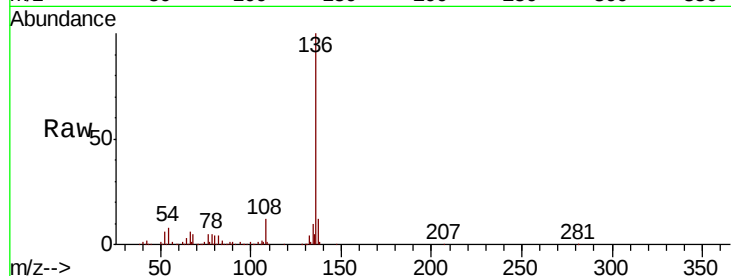




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

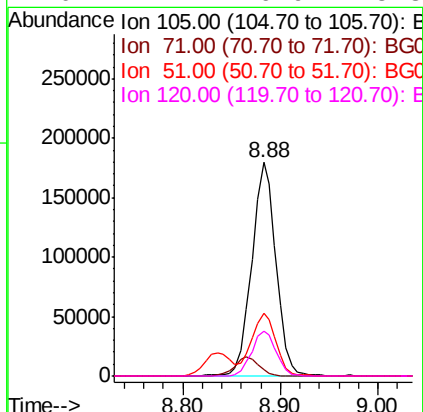
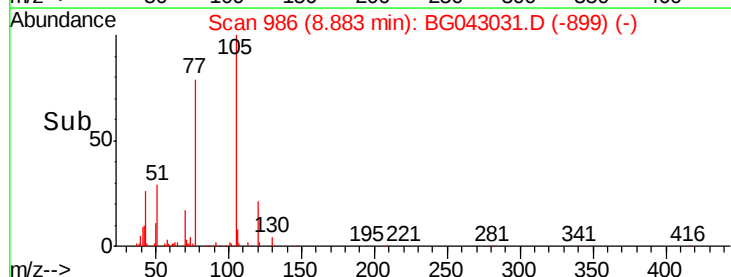
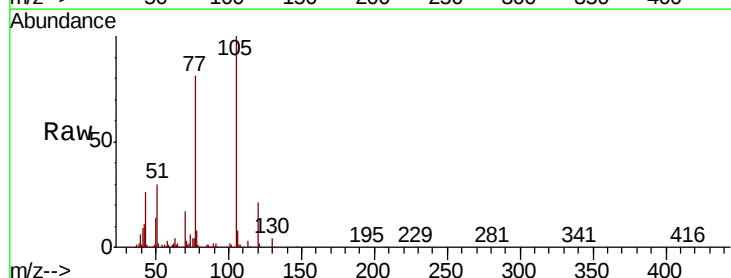
Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion:136	Resp:	300947
Ion Ratio	Lower	Upper
136 100		
137 12.0	8.5	12.7
54 8.0	7.4	11.2
68 4.7	3.6	5.4



#22
Acetophenone
Concen: 40.468 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ion:105	Resp:	313932
Ion	Ratio	Lower	Upper
105	100		
71	2.7	1.2	1.8#
51	29.6	27.2	40.8
120	21.2	16.9	25.3

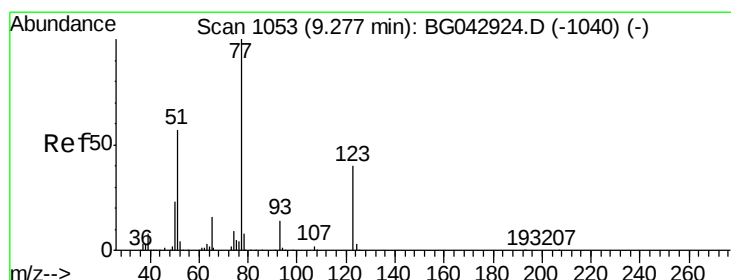
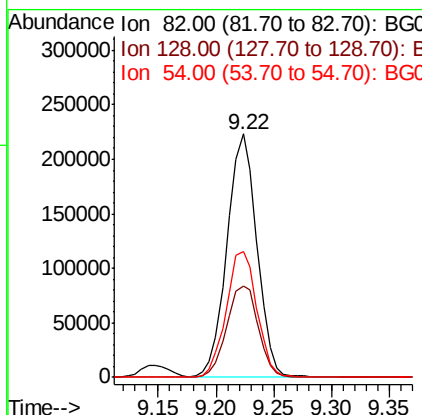
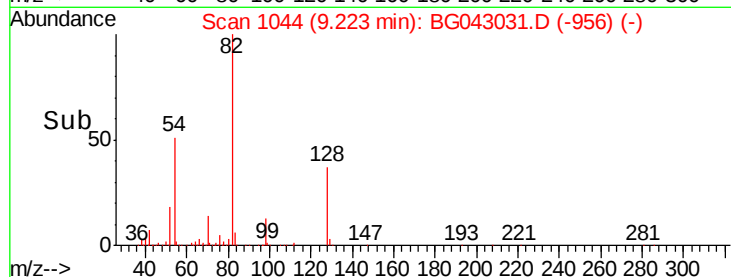
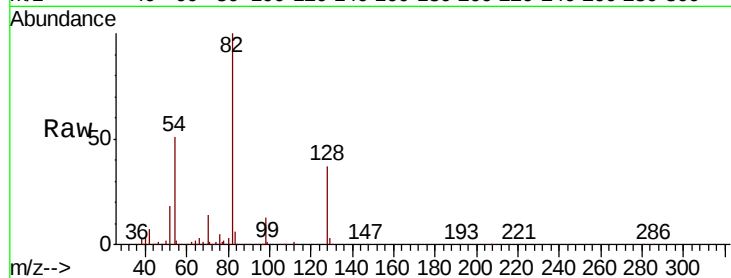




#23
 Nitrobenzene-d5
 Concen: 64.401 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

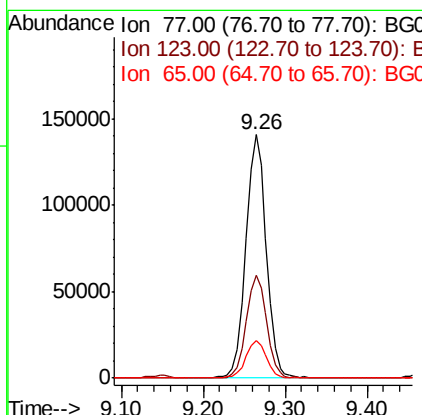
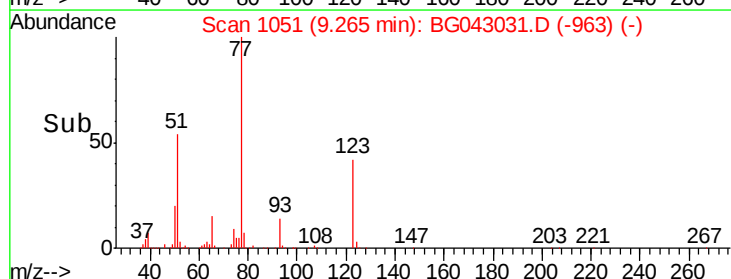
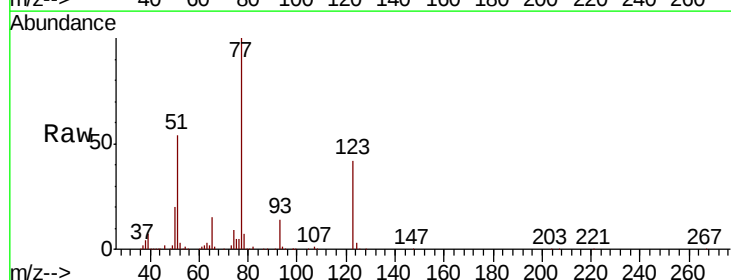
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

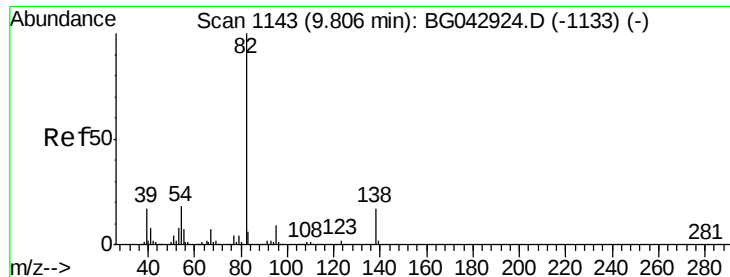
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.5	44.3
54	51.5	44.6	67.0



#24
 Nitrobenzene
 Concen: 41.358 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.5	31.9	47.9
65	15.2	12.4	18.6





#25

Isophorone

Concen: 41.305 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

ClientSampleId :

PB123594BS

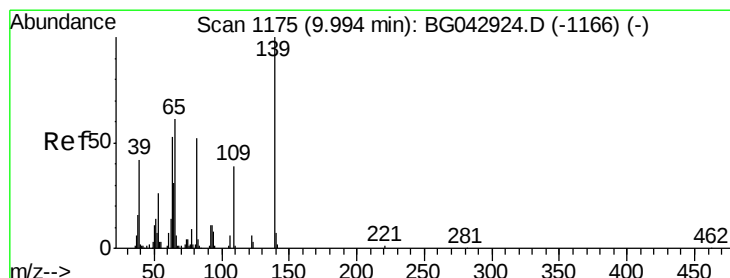
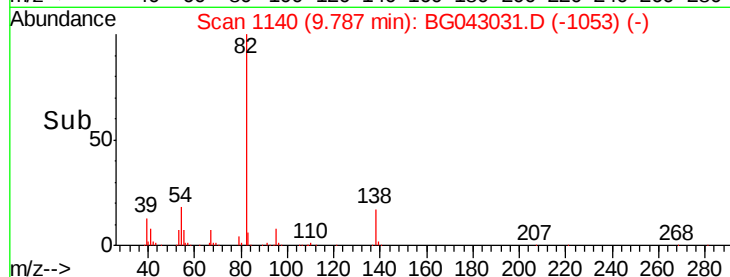
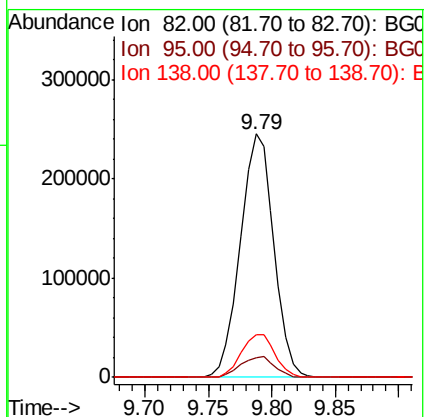
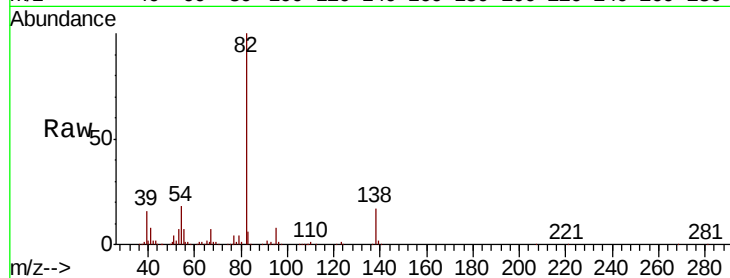
Tot Ion: 82 Resp: 449233

Ion Ratio Lower Upper

82 100

95 8.1 7.0 10.4

138 17.4 13.8 20.6



#26

2-Nitrophenol

Concen: 47.275 ng

RT: 9.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

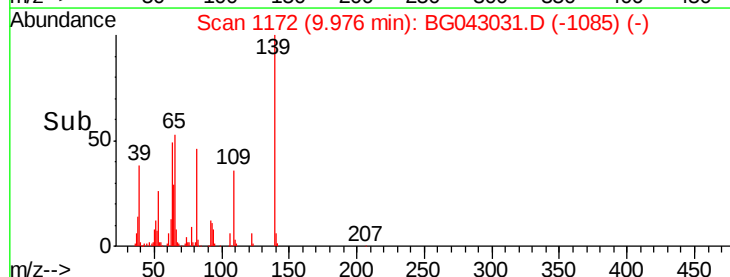
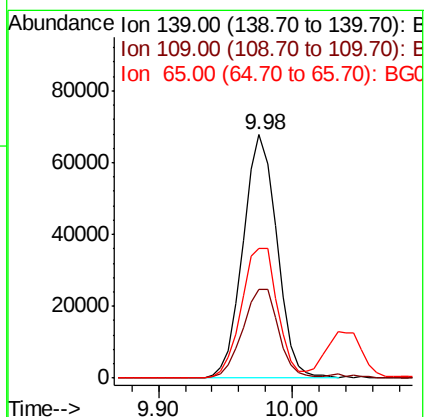
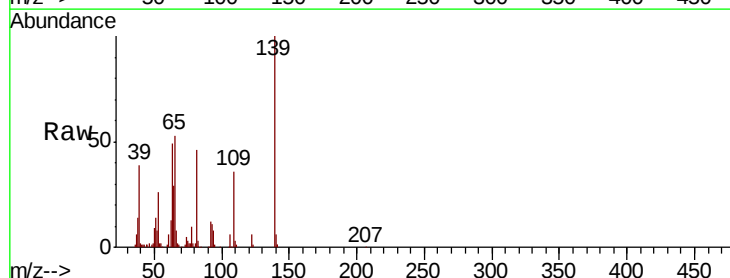
Tgt Ion: 139 Resp: 118856

Ion Ratio Lower Upper

139 100

109 36.3 31.0 46.6

65 53.0 48.4 72.6

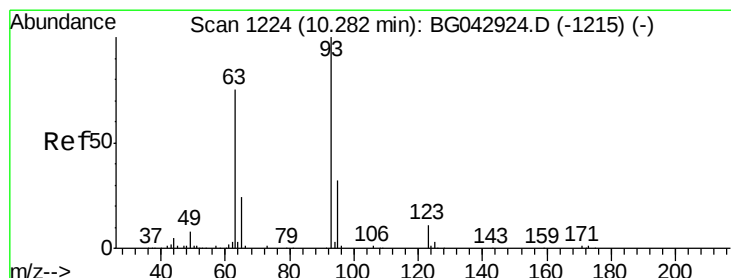
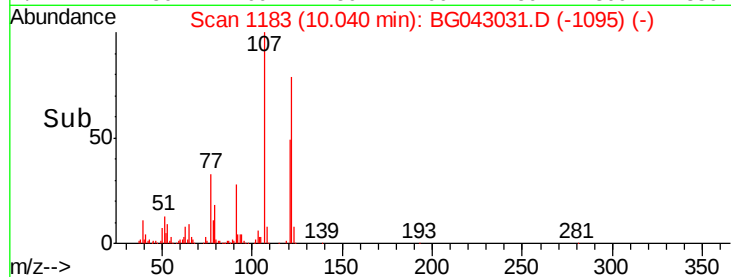
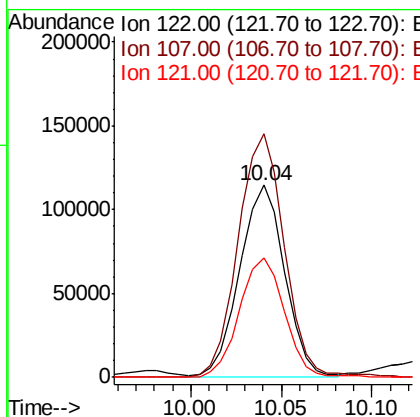
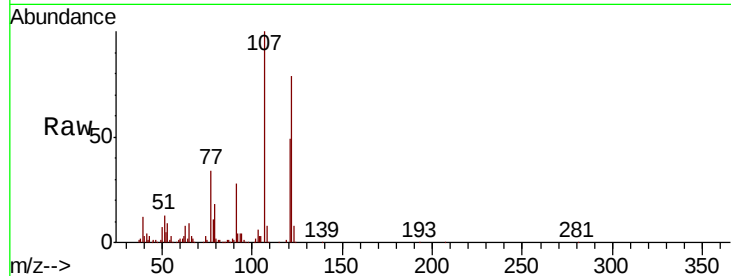




#27
 2,4-Dimethylphenol
 Concen: 50.939 ng
 RT: 10.04 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

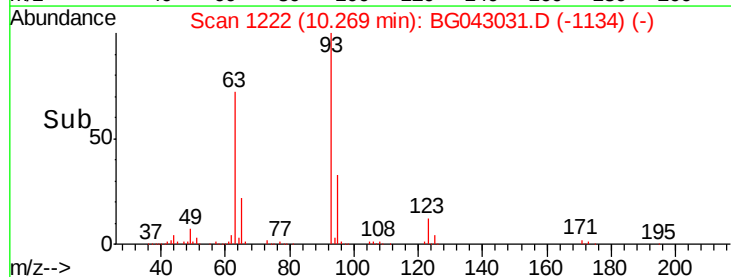
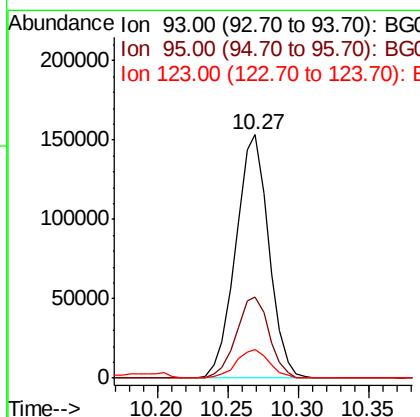
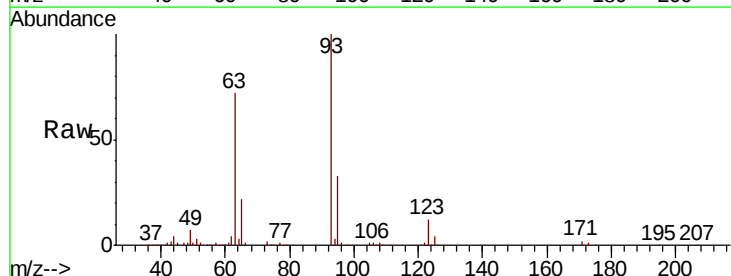
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

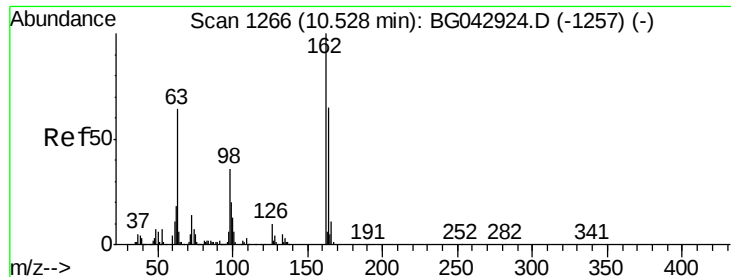
Tot Ion	Ratio	Lower	Upper
122	100		
107	126.9	102.2	153.2
121	62.2	48.5	72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.748 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.4	38.0
123	11.5	9.3	13.9

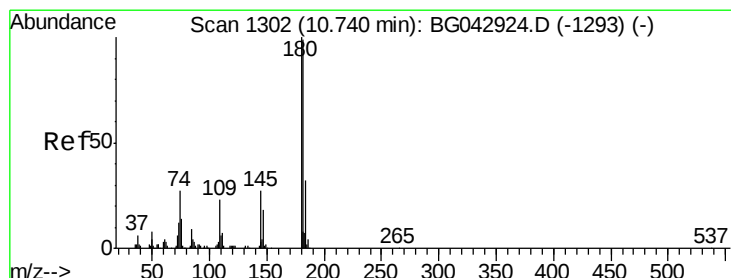
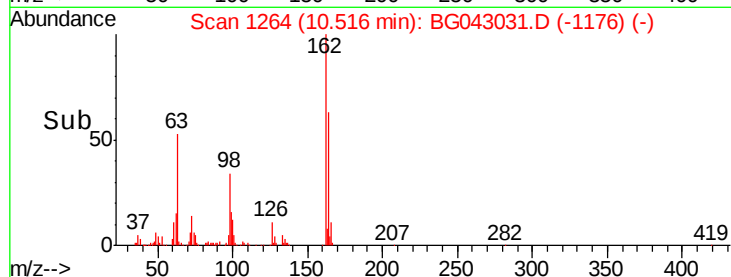
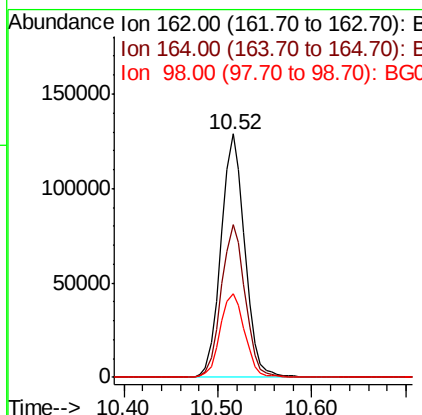
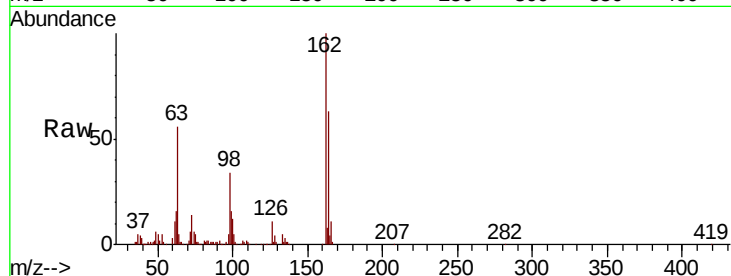




#29
2,4-Dichlorophenol
Concen: 47.359 ng
RT: 10.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

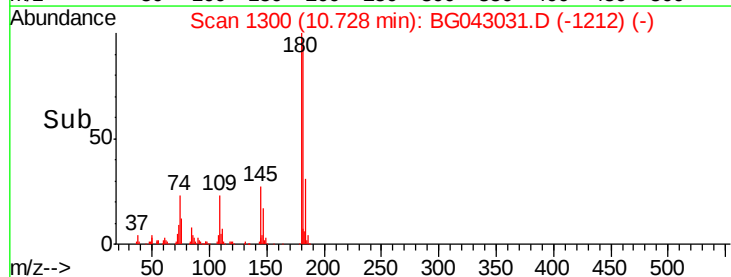
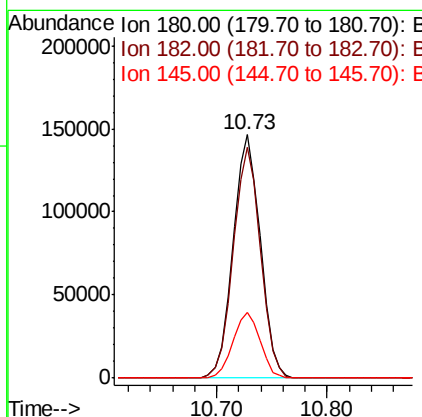
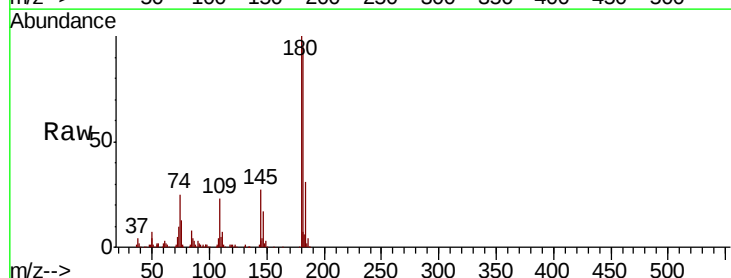
Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.7	84.7
98	34.4	16.0	56.0



#30
1,2,4-Trichlorobenzene
Concen: 40.879 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	79.3	118.9
145	26.7	22.0	33.0

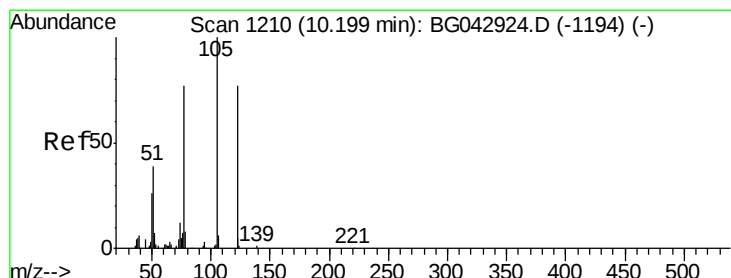
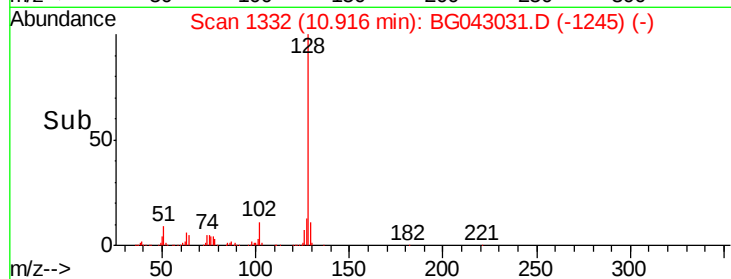
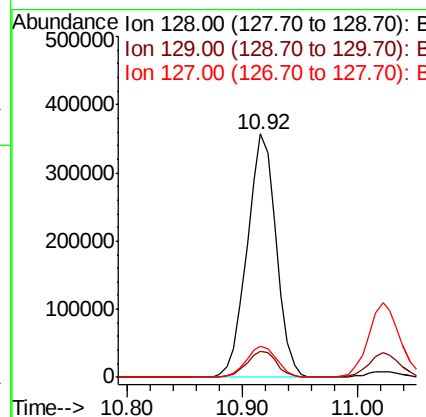
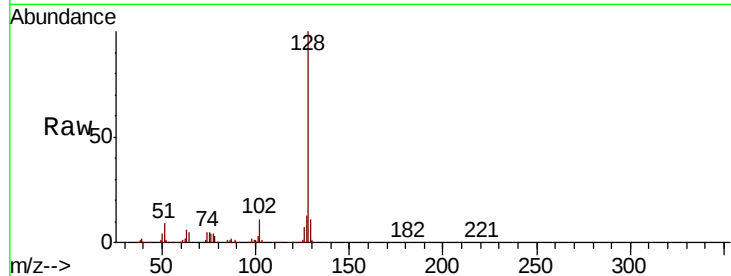




#31
Naphthalene
Concen: 42.131 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

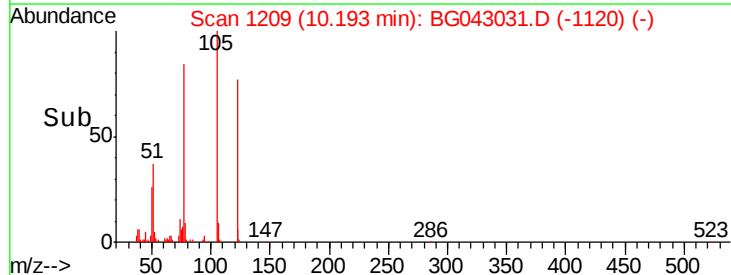
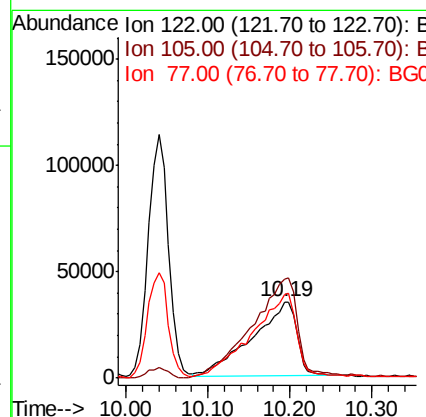
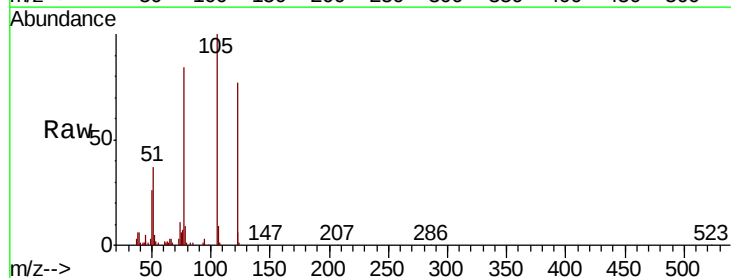
Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.0	11.3	16.9



#32
Benzoic acid
Concen: 45.386 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.8	107.5	147.5
77	109.3	79.8	119.8

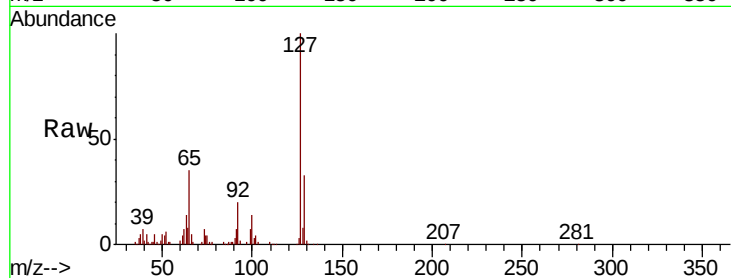




#33
4-Chloroaniline
Concen: 32.787 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion:	127	Resp:	210771
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.2	39.2
65	34.6	30.6	45.8
92	20.0	16.2	24.4



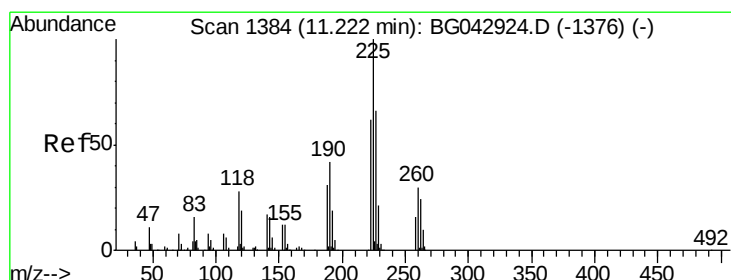
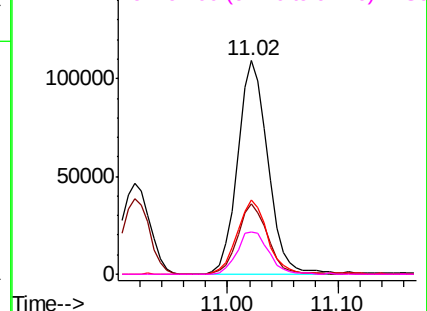
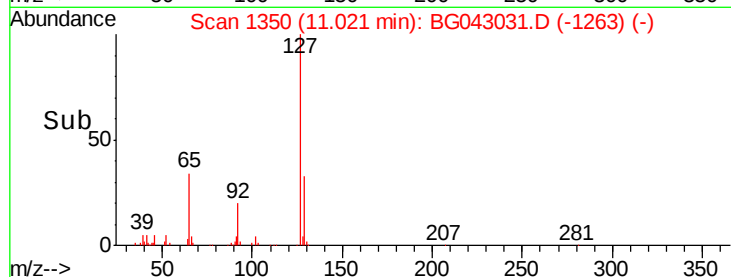
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

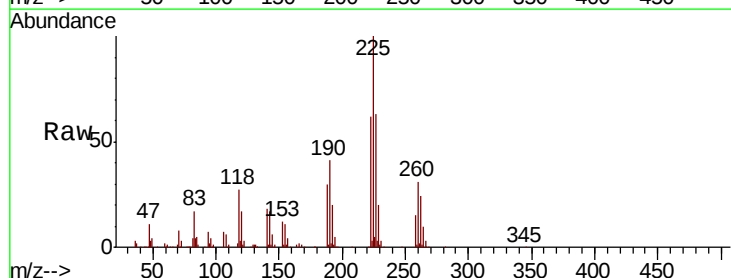
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.958 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion:	225	Resp:	176242
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.3	73.9
227	63.2	52.8	79.2

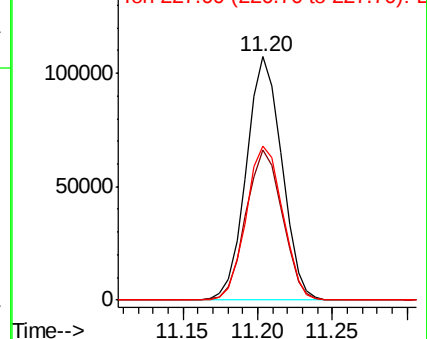
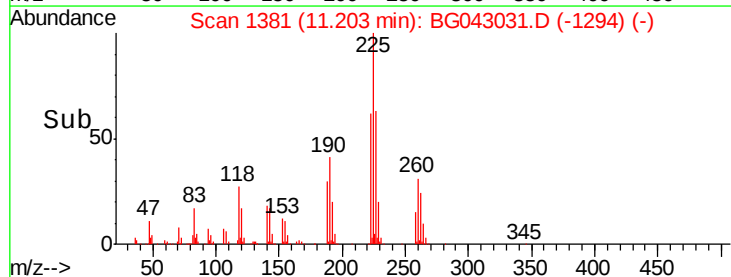


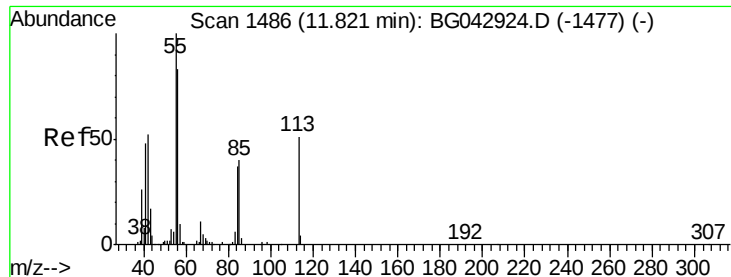
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

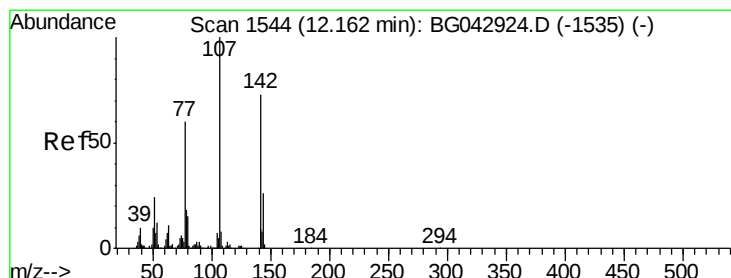
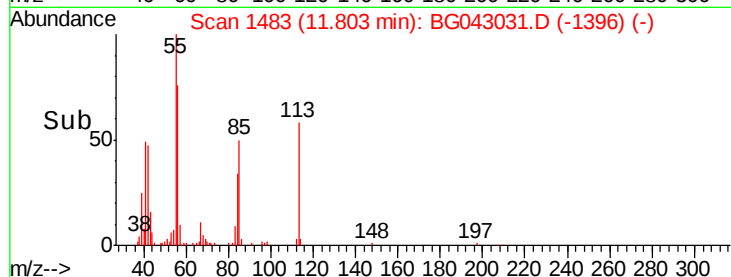
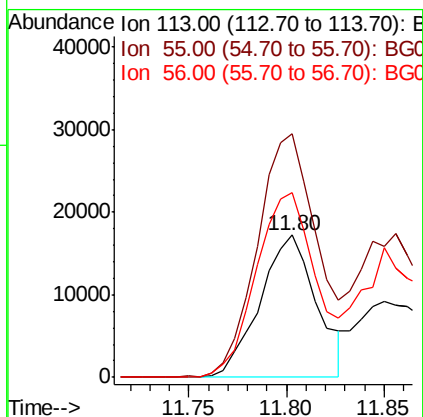
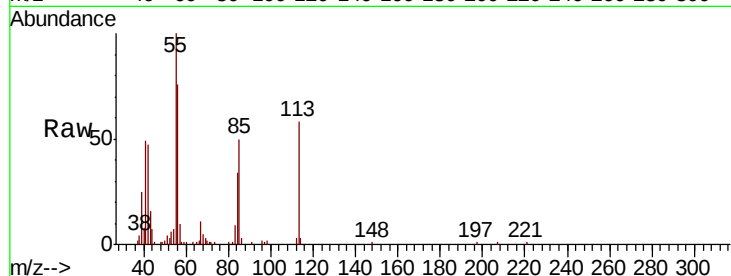




#35
Caprolactam
Concen: 20.354 ng
RT: 11.80 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

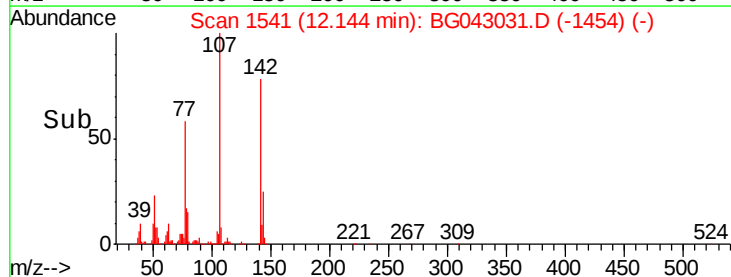
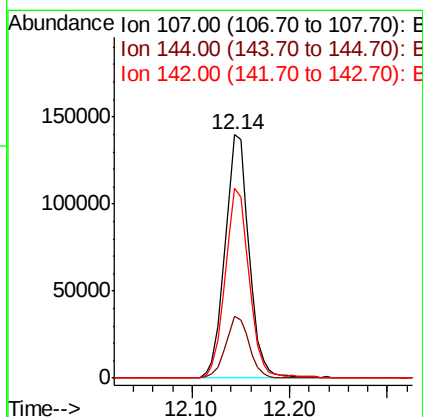
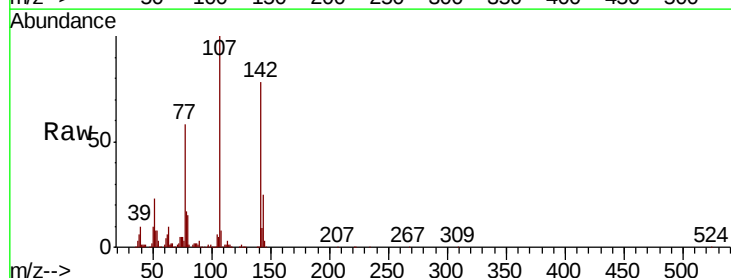
Instrument :
BNA_G
ClientSampleId :
PB123594BS

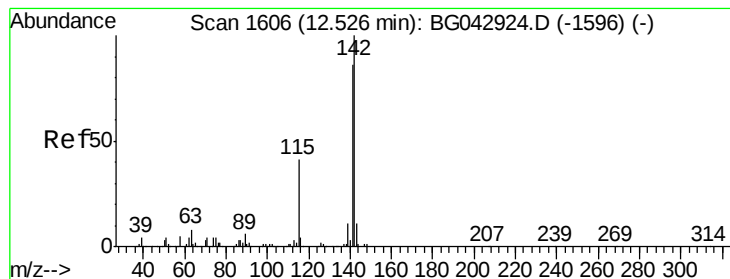
Tot Ion:113 Resp: 34467
Ion Ratio Lower Upper
113 100
55 171.5 175.5 215.5#
56 129.9 142.3 182.3#



#36
4-Chloro-3-methylphenol
Concen: 45.930 ng
RT: 12.14 min Scan# 1541
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion:107 Resp: 239804
Ion Ratio Lower Upper
107 100
144 25.2 20.7 31.1
142 77.9 58.6 87.8





#37

2-Methylnaphthalene

Concen: 42.461 ng

RT: 12.51 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

ClientSampleId :

PB123594BS

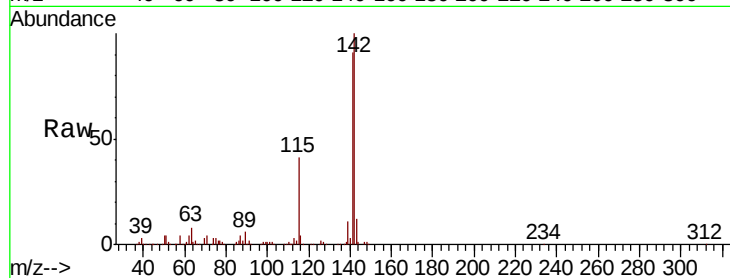
Tot Ion:142 Resp: 479878

Ion Ratio Lower Upper

142 100

141 90.8 69.0 103.4

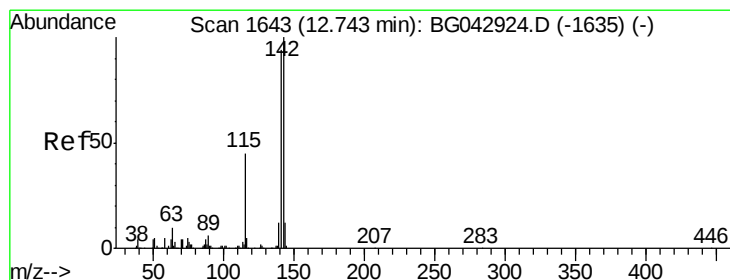
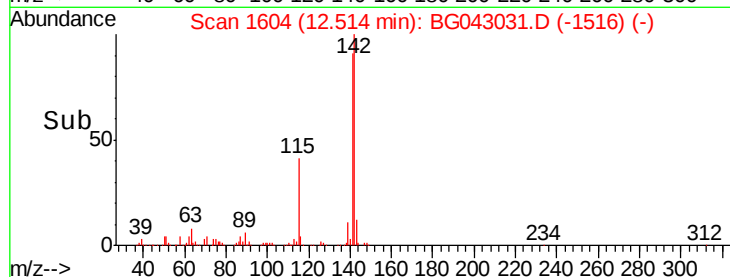
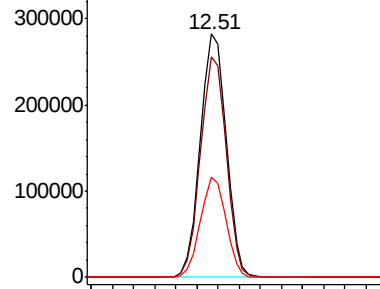
115 40.9 32.8 49.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.736 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

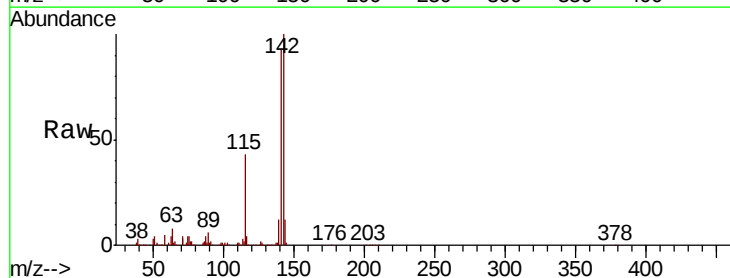
Tgt Ion:142 Resp: 446323

Ion Ratio Lower Upper

142 100

141 93.5 74.9 112.3

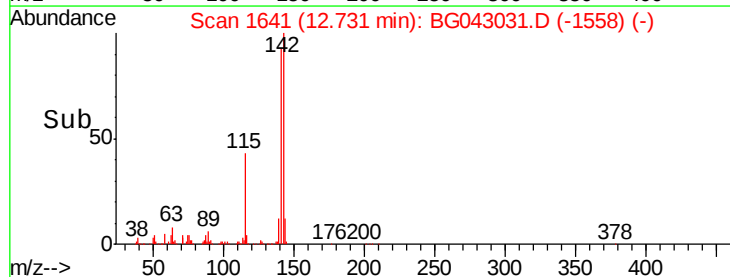
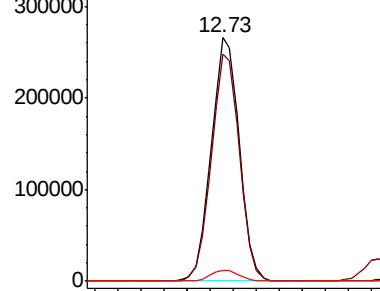
116 4.5 3.7 5.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

ClientSampleId :

PB123594BS

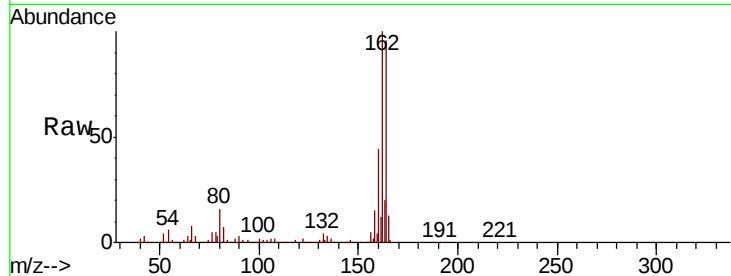
Tot Ion:164 Resp: 211330

Ion Ratio Lower Upper

164 100

162 104.6 78.5 117.7

160 45.6 35.9 53.9

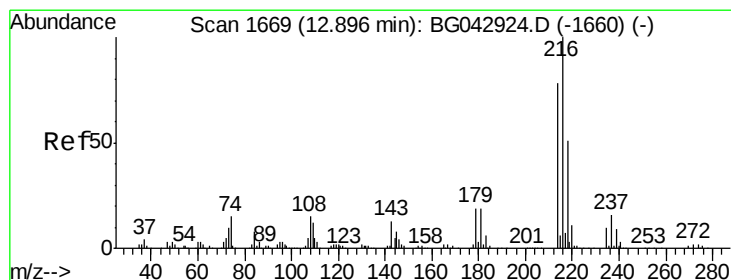
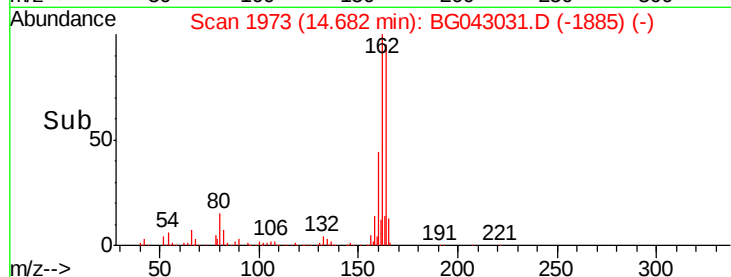
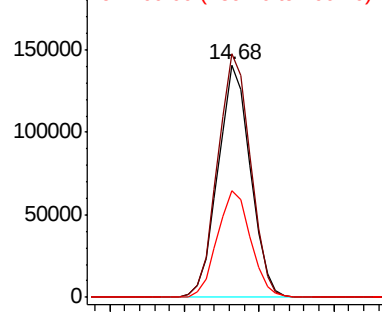


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.663 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Tgt Ion:216 Resp: 315155

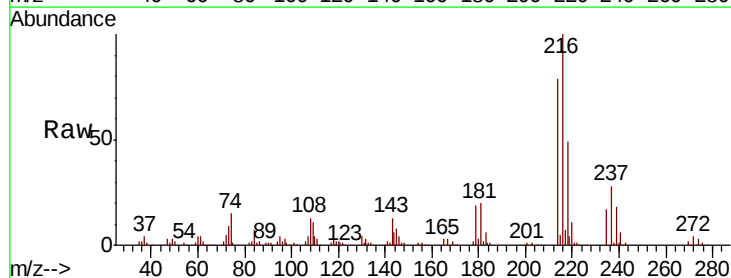
Ion Ratio Lower Upper

216 100

214 78.9 62.4 93.6

179 20.0 15.4 23.2

108 16.7 12.6 19.0



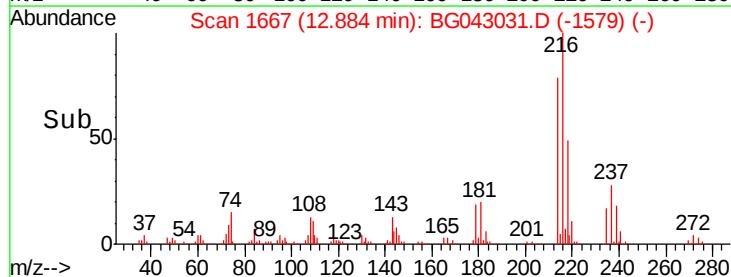
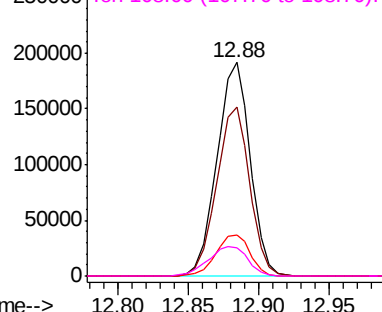
Abundance

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: 80.367 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

ClientSampleId :

PB123594BS

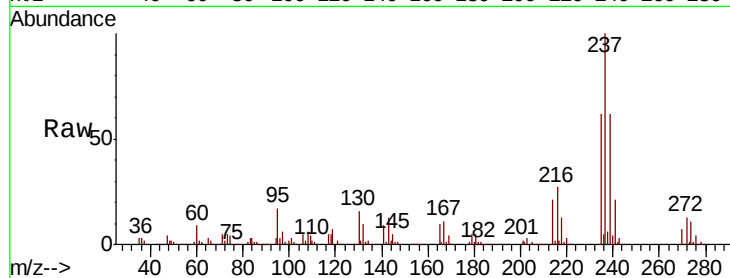
Tot Ion:237 Resp: 406876

Ion Ratio Lower Upper

237 100

235 62.3 46.7 86.7

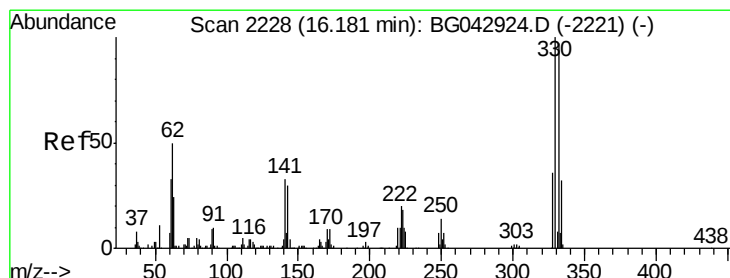
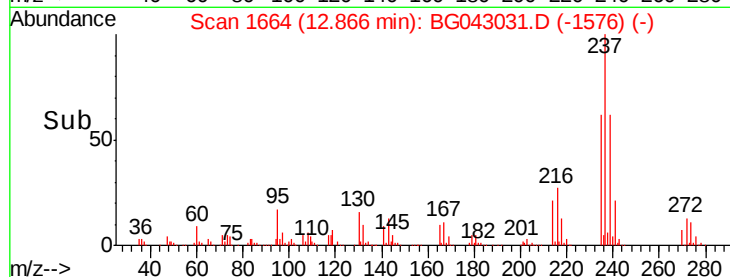
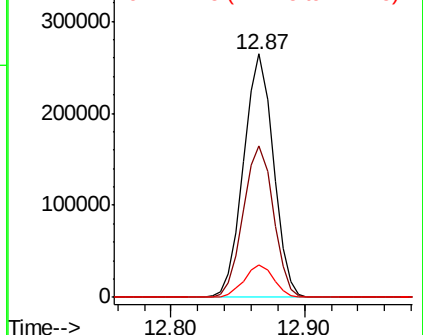
272 13.3 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 111.532 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

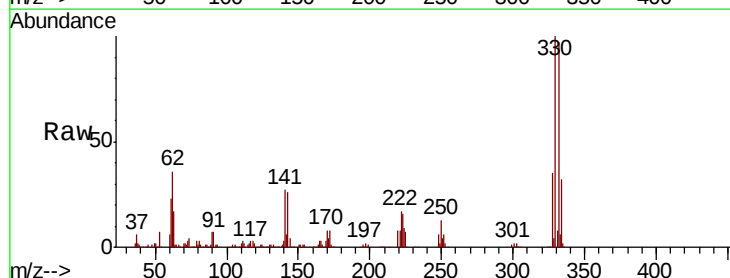
Tgt Ion:330 Resp: 405302

Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.2

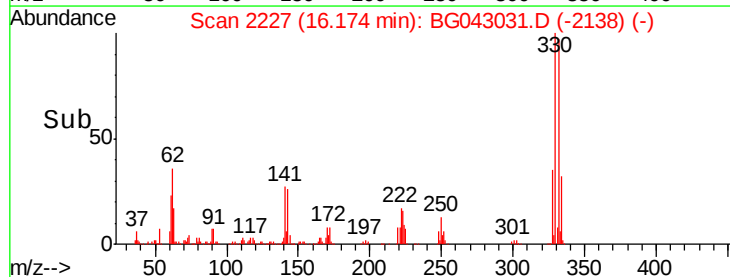
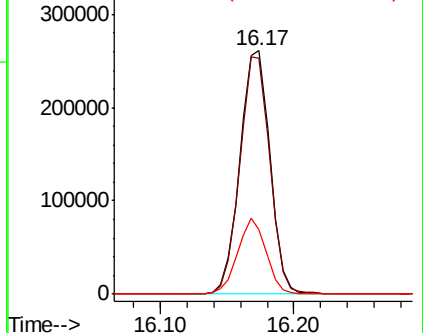
141 29.6 26.0 39.0

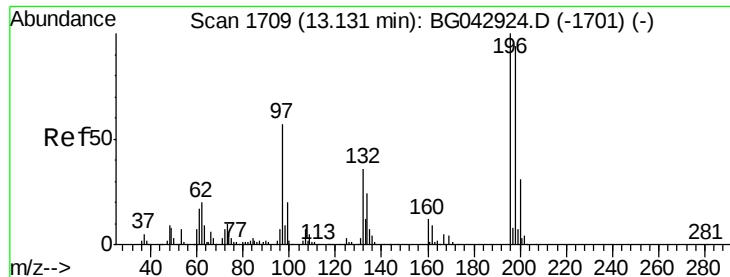


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

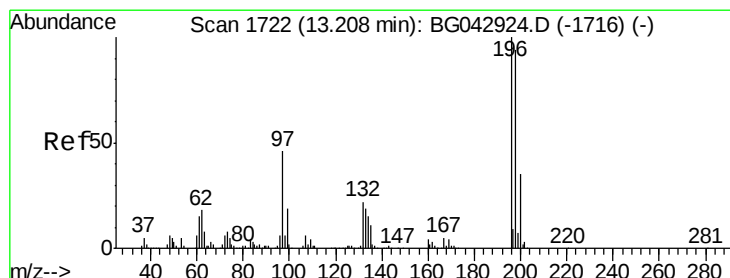
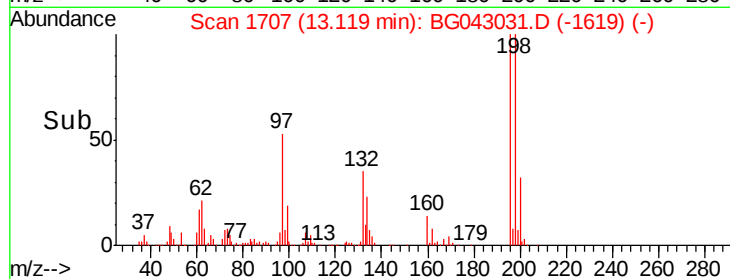
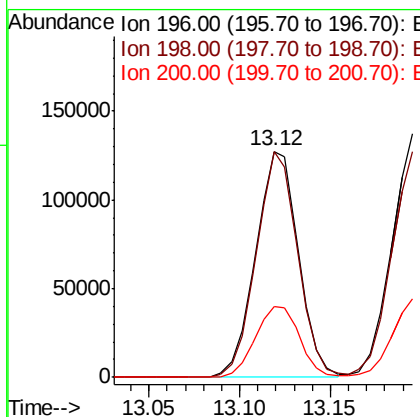
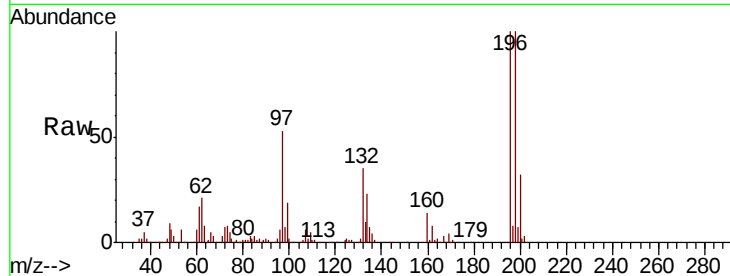




#43
 2,4,6-Trichlorophenol
 Concen: 44.776 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

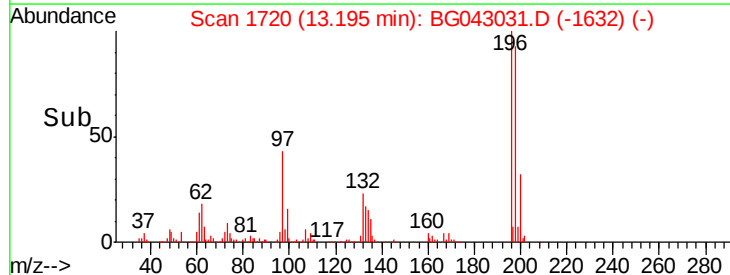
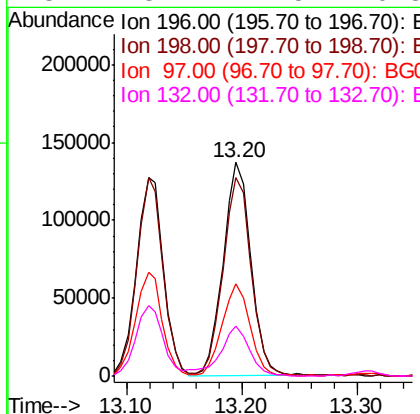
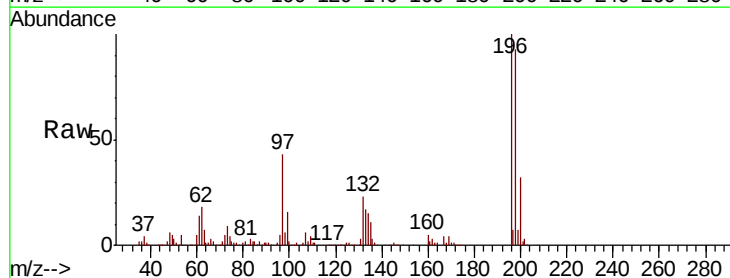
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

Tot Ion:196 Resp: 208243
 Ion Ratio Lower Upper
 196 100
 198 100.1 75.5 113.3
 200 31.6 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 47.593 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Tgt Ion:196 Resp: 228018
 Ion Ratio Lower Upper
 196 100
 198 92.7 75.1 112.7
 97 43.3 37.0 55.4
 132 23.1 17.5 26.3

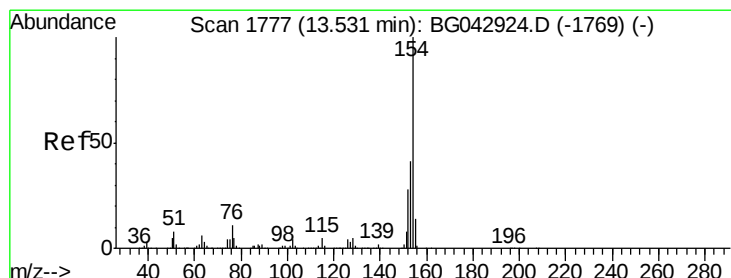
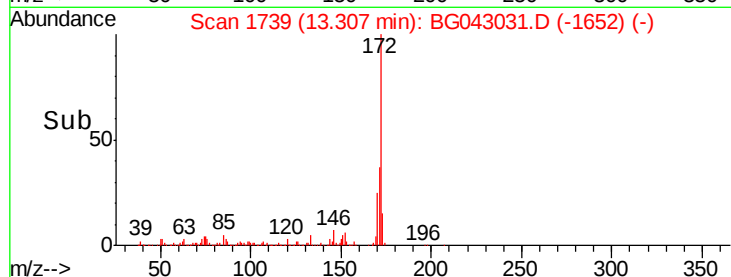
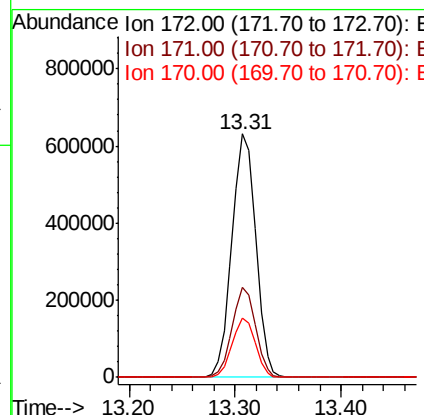
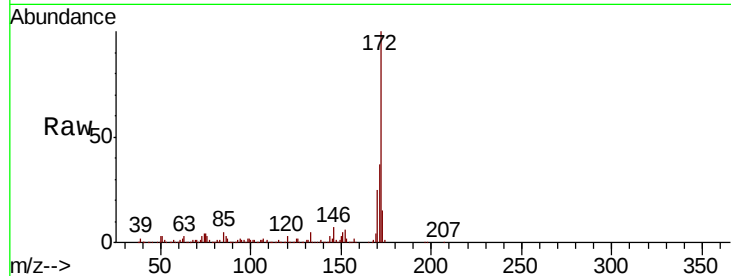




#45
 2-Fluorobiphenyl
 Concen: 67.658 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

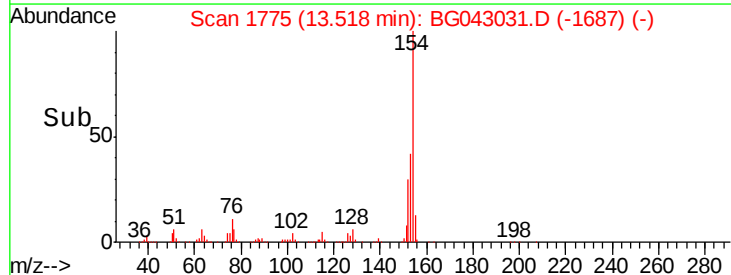
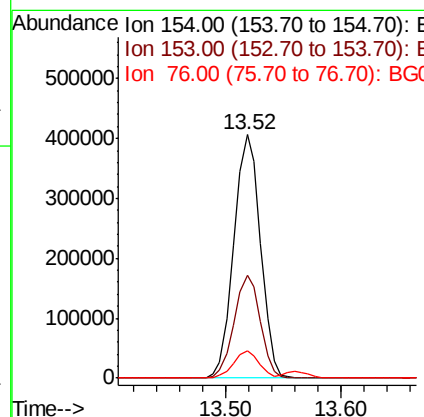
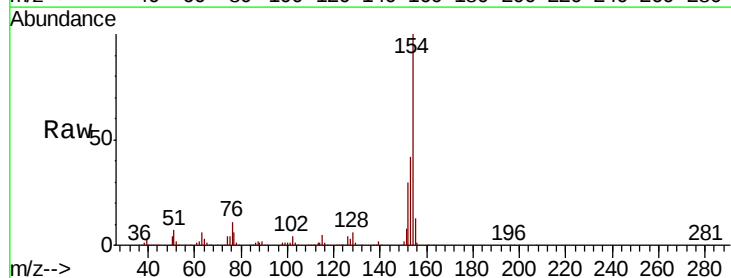
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

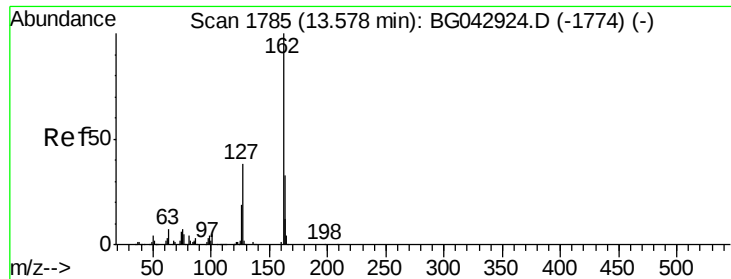
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.5	19.6	29.4



#46
 1,1'-Biphenyl
 Concen: 40.295 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.4	61.4
76	11.3	0.0	31.3

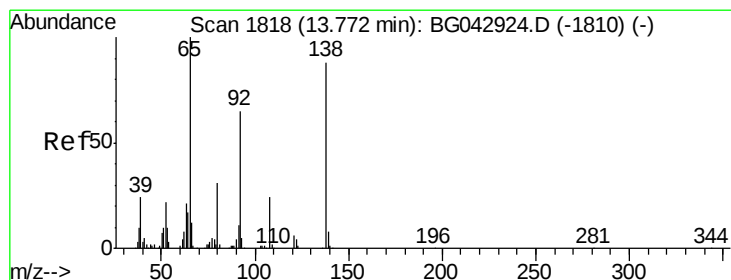
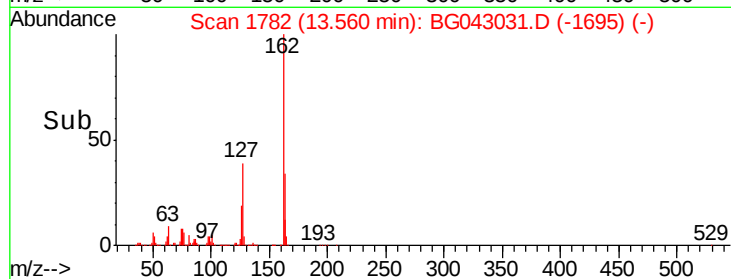
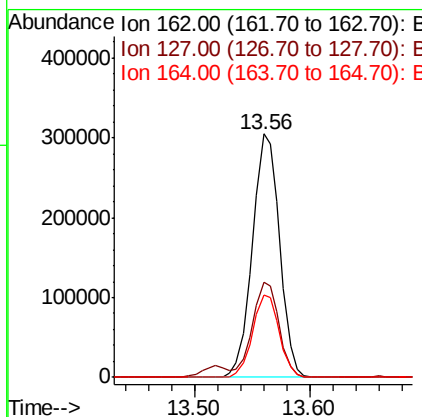
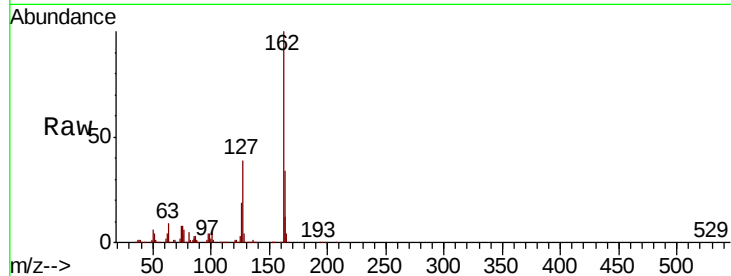




#47
 2-Chloronaphthalene
 Concen: 41.614 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.02 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

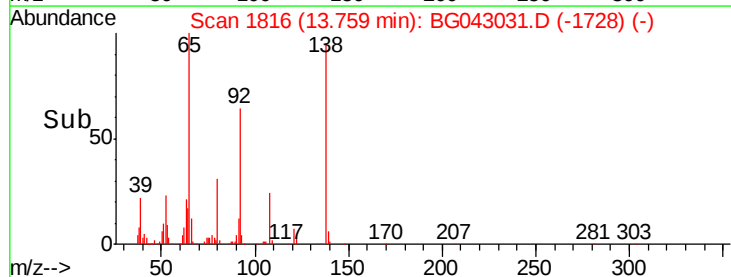
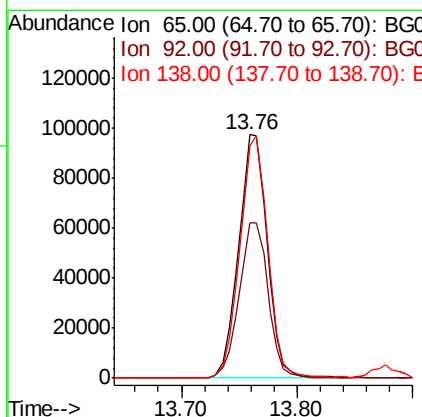
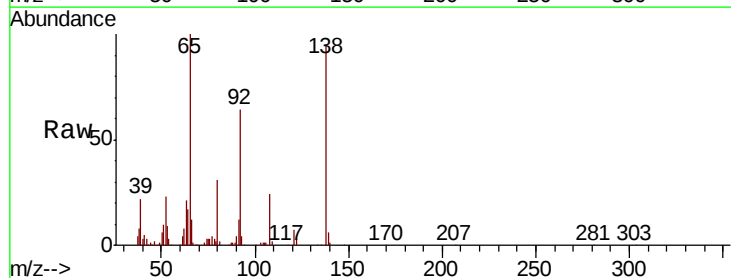
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.0	46.6
164	33.6	26.2	39.2



#48
 2-Nitroaniline
 Concen: 41.900 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.9	52.0	78.0
138	95.2	70.4	105.6





#49

Acenaphthylene

Concen: 43.399 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

ClientSampleId :

PB123594BS

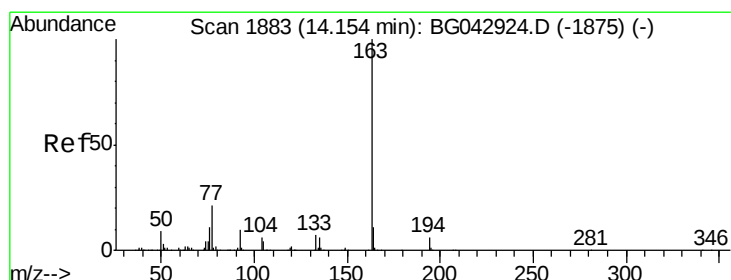
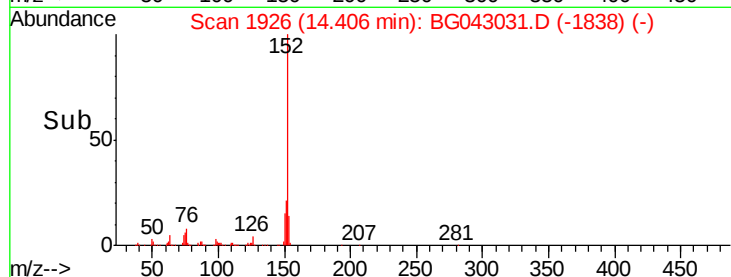
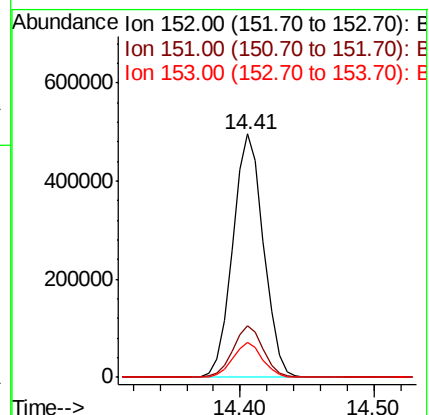
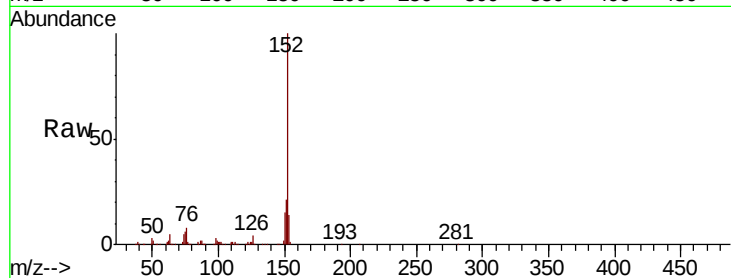
Tot Ion:152 Resp: 797926

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2

153 14.2 11.3 16.9



#50

Dimethylphthalate

Concen: 42.068 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

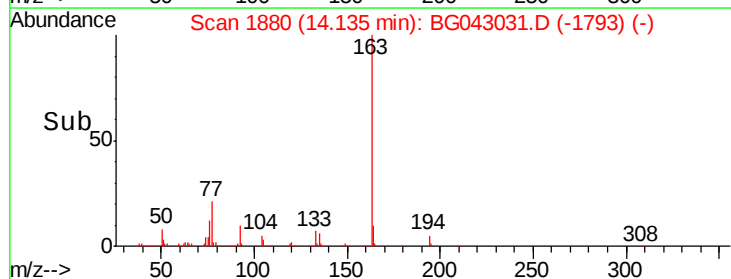
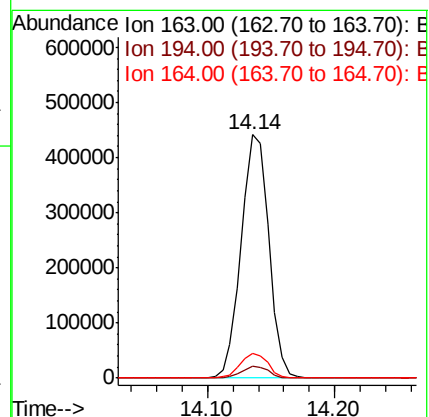
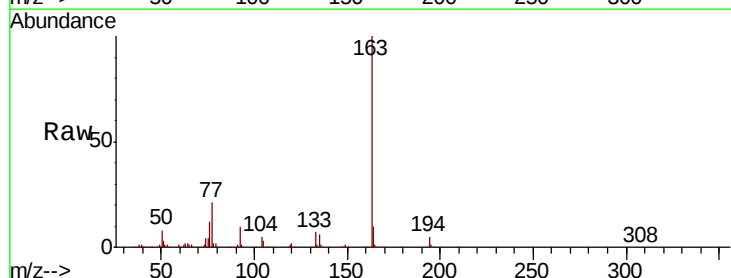
Tgt Ion:163 Resp: 666108

Ion Ratio Lower Upper

163 100

194 4.8 4.4 6.6

164 10.1 8.6 12.8

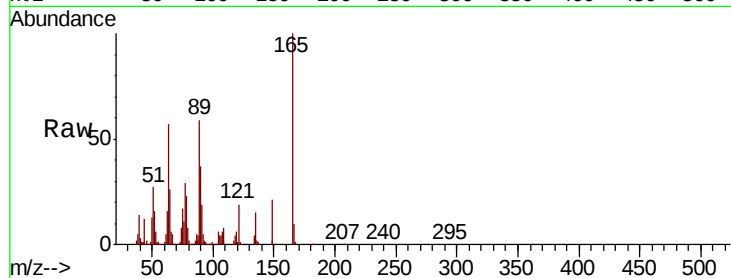




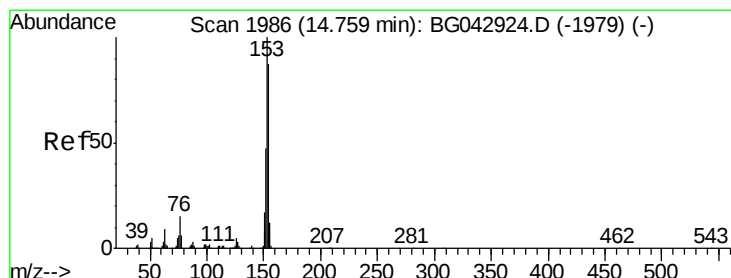
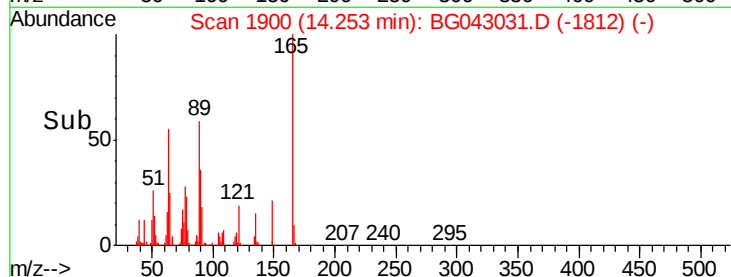
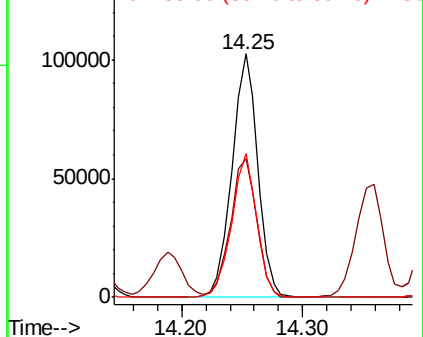
#51
 2,6-Dinitrotoluene
 Concen: 45.027 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

Tot Ion:165 Resp: 151831
 Ion Ratio Lower Upper
 165 100
 63 57.0 50.3 75.5
 89 59.1 48.9 73.3

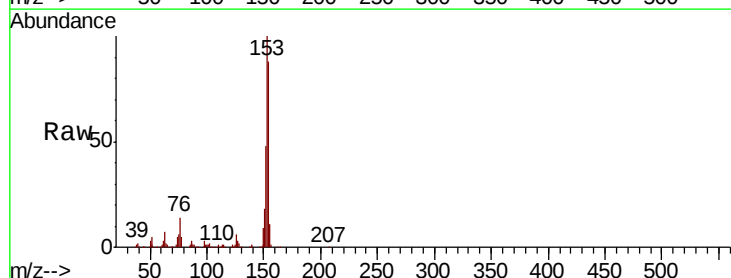


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

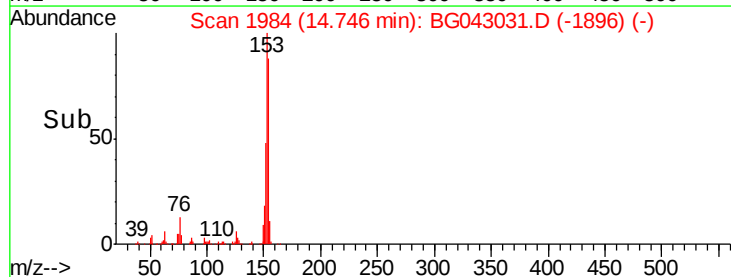
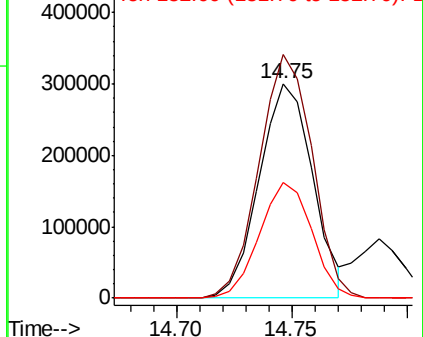


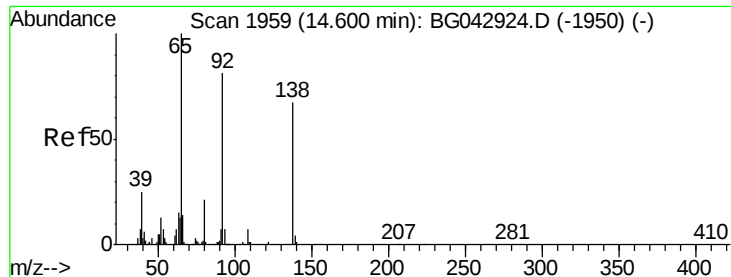
#52
 Acenaphthene
 Concen: 39.202 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Tgt Ion:154 Resp: 482430
 Ion Ratio Lower Upper
 154 100
 153 113.5 91.4 137.0
 152 54.0 42.8 64.2



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: 34.883 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

ClientSampleId :

PB123594BS

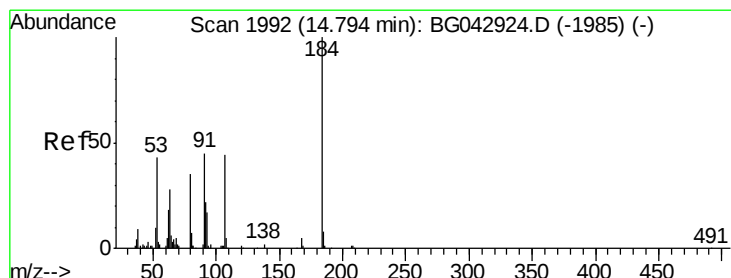
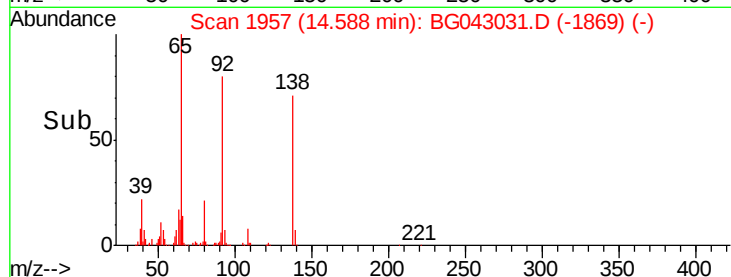
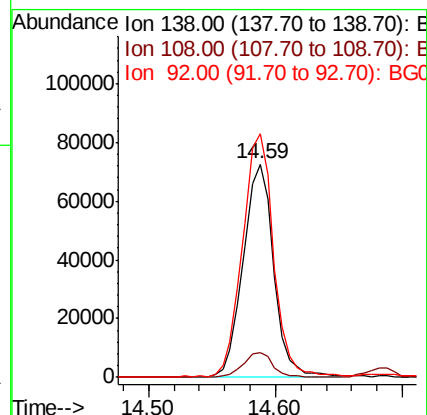
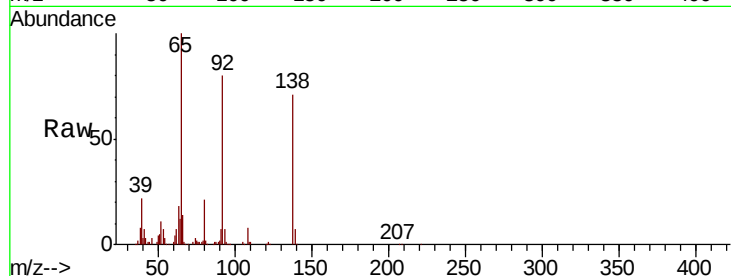
Tot Ion:138 Resp: 121559

Ion Ratio Lower Upper

138 100

108 11.4 7.9 11.9

92 114.0 97.0 145.6



#54

2,4-Dinitrophenol

Concen: 90.303 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

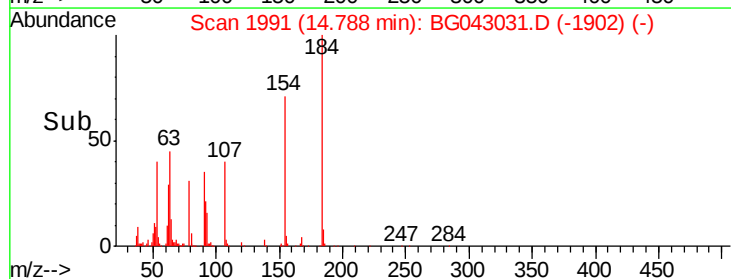
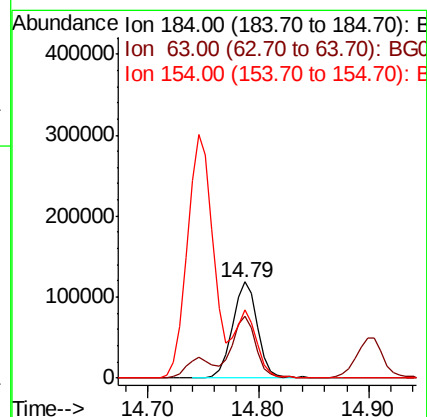
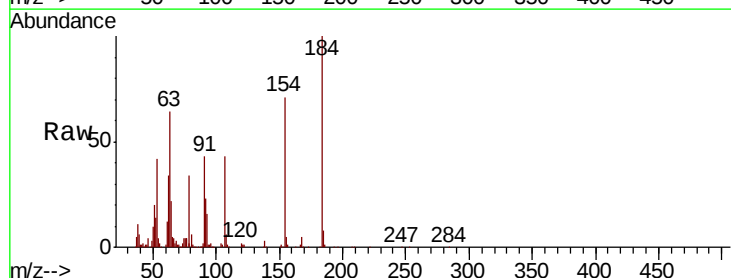
Tgt Ion:184 Resp: 189272

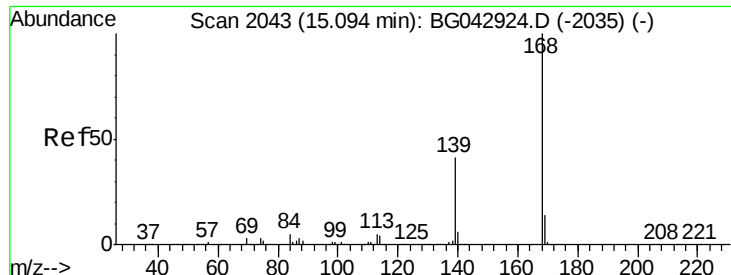
Ion Ratio Lower Upper

184 100

63 64.3 55.0 82.6

154 70.6 56.5 84.7

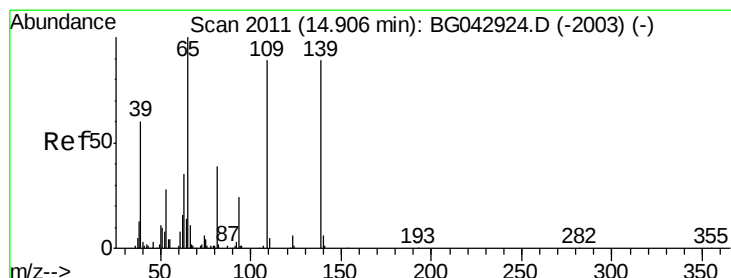
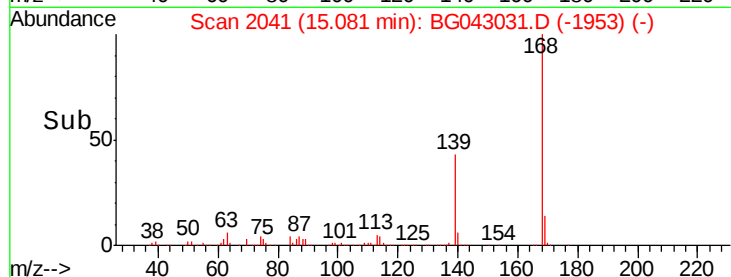
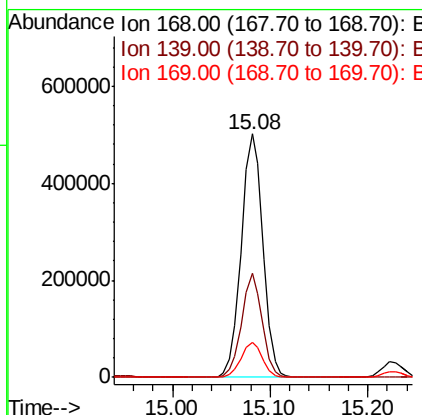
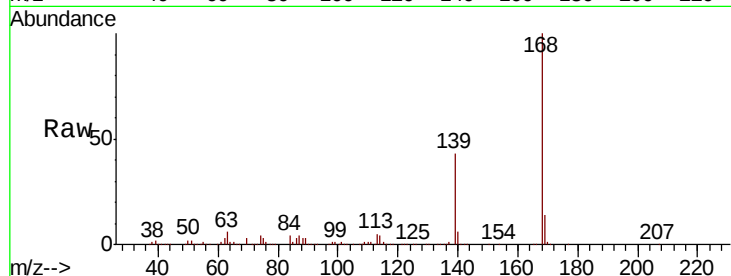




#55
Dibenzofuran
Concen: 42.190 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

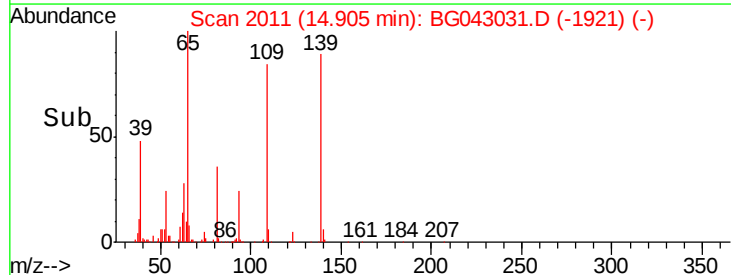
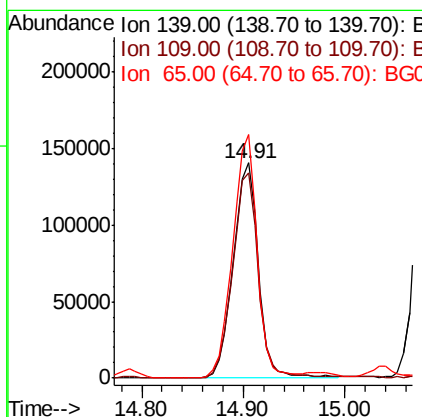
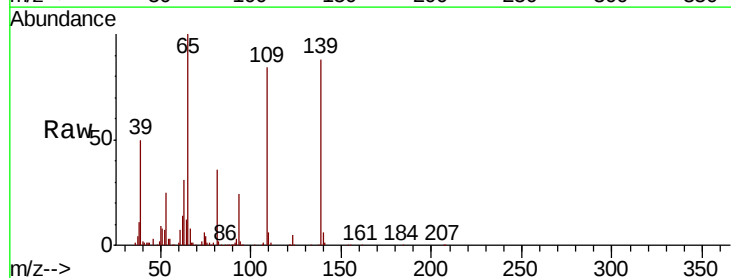
Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.9	32.6	48.8
169	14.4	11.2	16.8



#56
4-Nitrophenol
Concen: 91.455 ng
RT: 14.91 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.2	79.4	119.4
65	113.3	92.5	132.5





#57

2,4-Dinitrotoluene

Concen: 43.978 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

ClientSampleId :

PB123594BS

Tot Ion:165 Resp: 217161

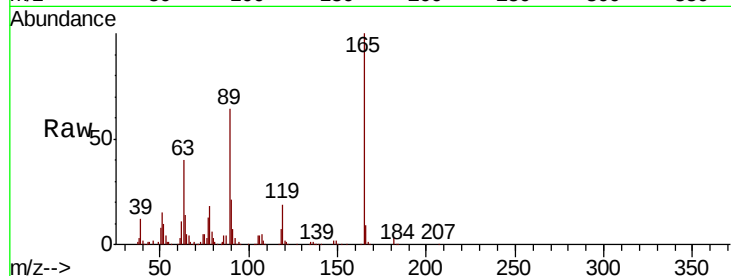
Ion Ratio Lower Upper

165 100

63 39.7 36.5 54.7

89 63.9 55.5 83.3

182 3.1 2.4 3.6

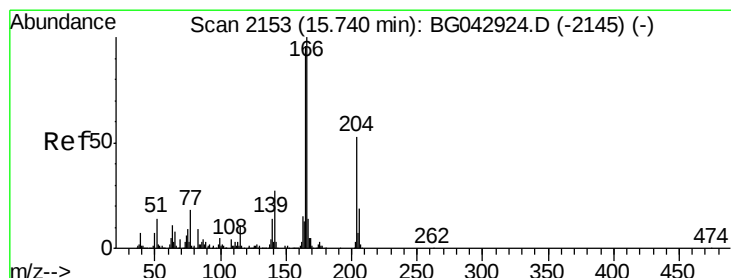
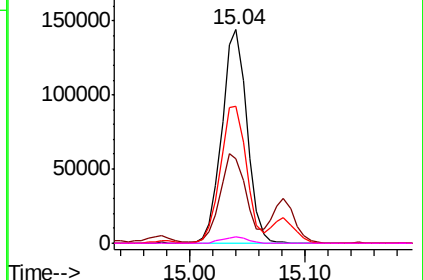
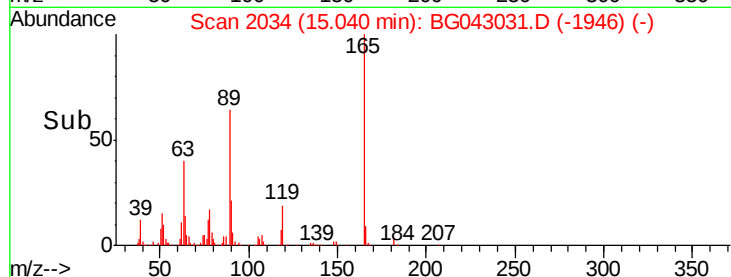


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.109 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

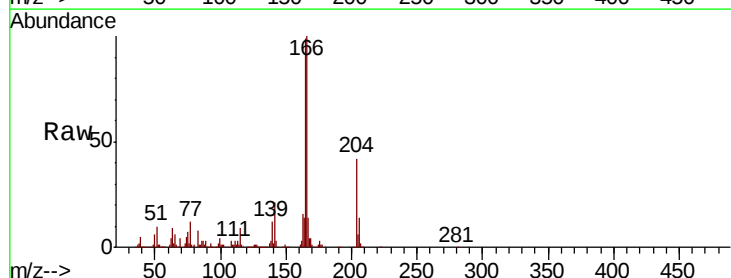
Tgt Ion:166 Resp: 654471

Ion Ratio Lower Upper

166 100

165 99.2 77.1 115.7

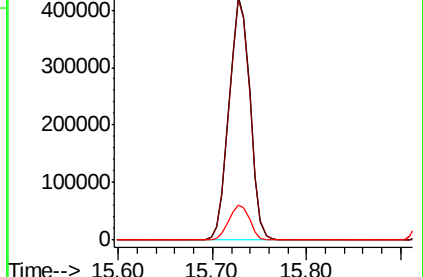
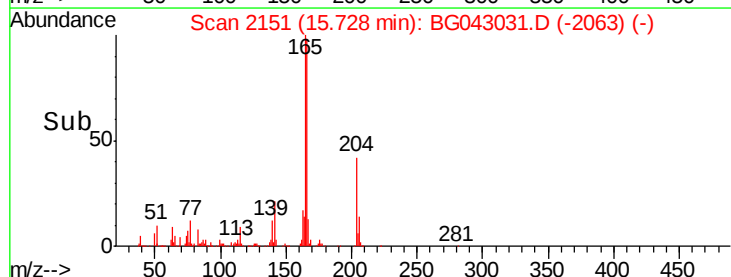
167 14.2 11.0 16.6

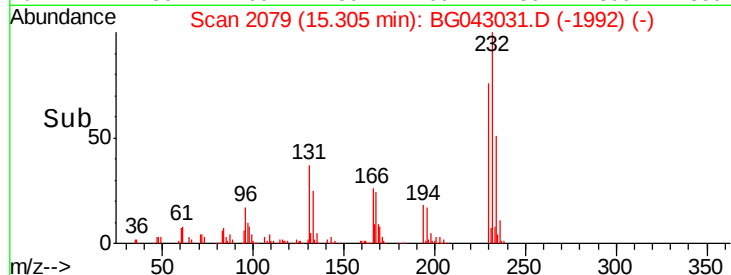
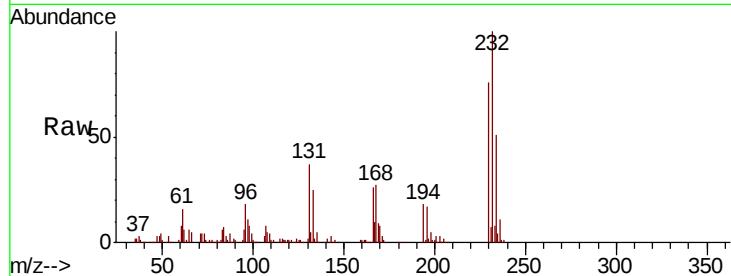


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

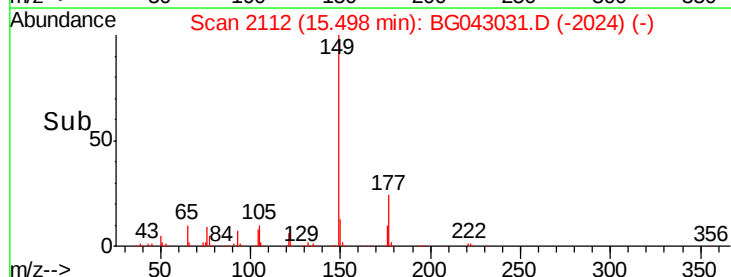
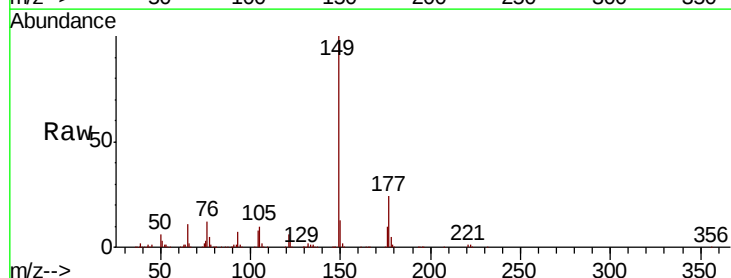
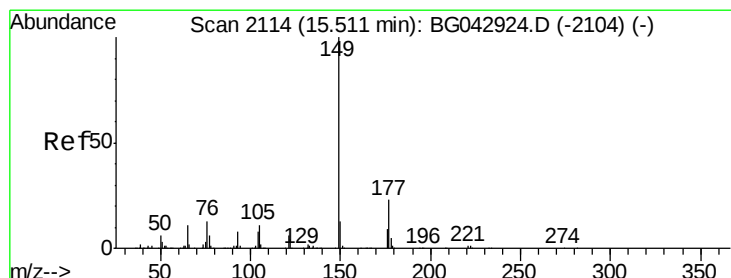
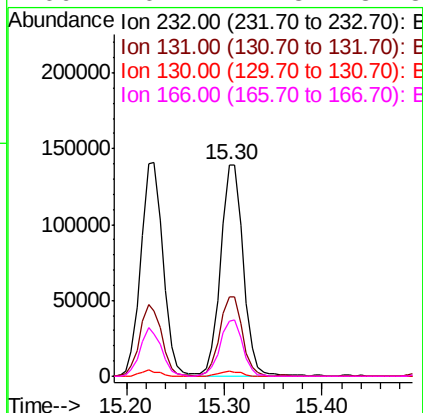




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.846 ng
RT: 15.30 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

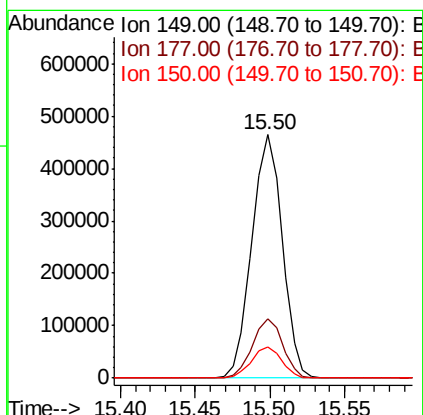
Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion:232	Resp:	223667
Ion Ratio	Lower	Upper
232	100	
131	37.1	29.6 44.4
130	2.3	1.9 2.9
166	26.7	21.8 32.8



#60
Diethylphthalate
Concen: 40.575 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion:149	Resp:	653853
Ion Ratio	Lower	Upper
149	100	
177	24.2	18.8 28.2
150	13.0	10.6 15.8

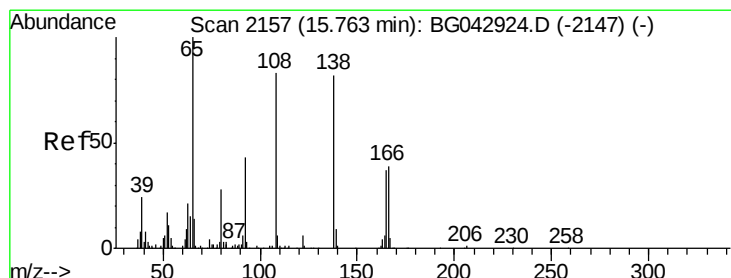
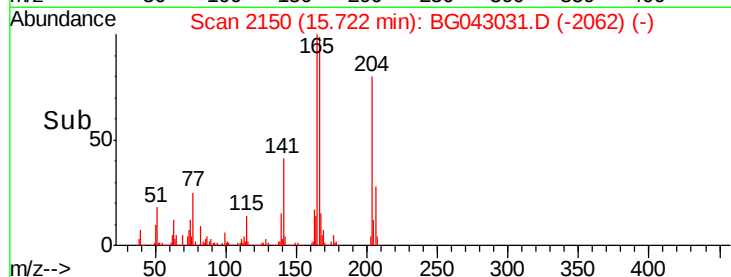
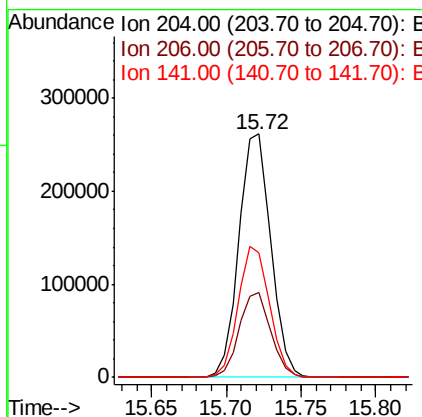
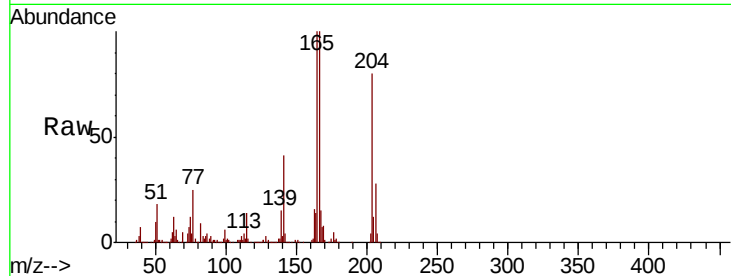




#61
4-Chlorophenyl-phenylether
Concen: 41.596 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

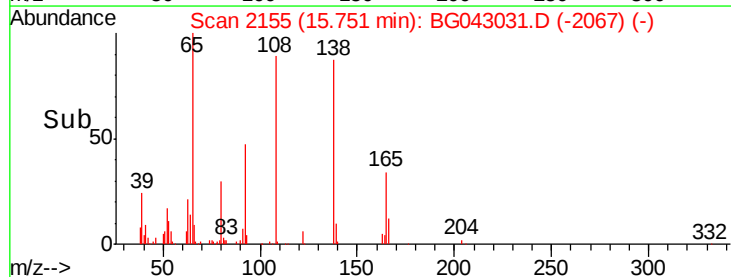
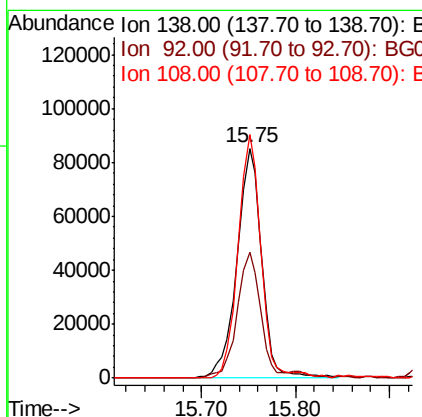
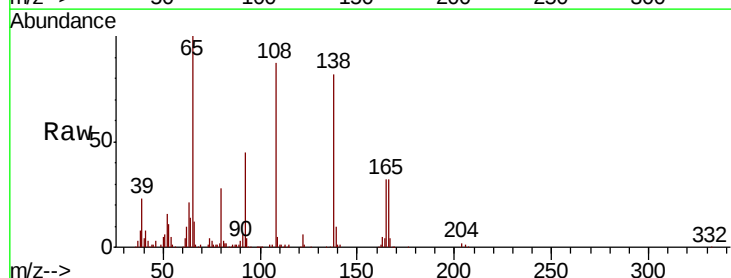
Instrument :
BNA_G
ClientSampleId :
PB123594BS

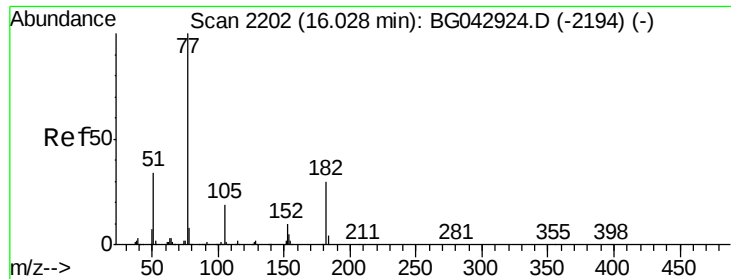
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	28.5	42.7
141	51.4	42.4	63.6



#62
4-Nitroaniline
Concen: 40.929 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.7	32.9	72.9
108	105.9	81.3	121.3





#63

Azobenzene

Concen: 39.973 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

ClientSampleId :

PB123594BS

Tot Ion: 77 Resp: 586455

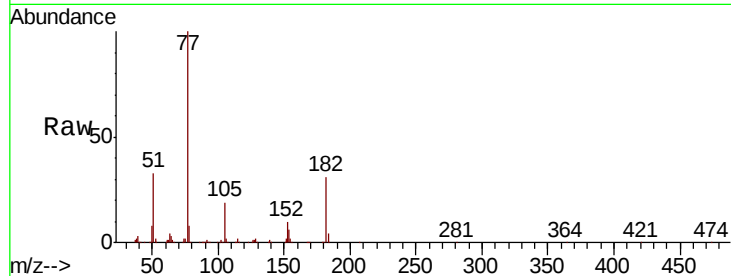
Ion Ratio Lower Upper

77 100

182 30.5 10.2 50.2

105 19.0 0.0 39.1

51 32.7 13.9 53.9

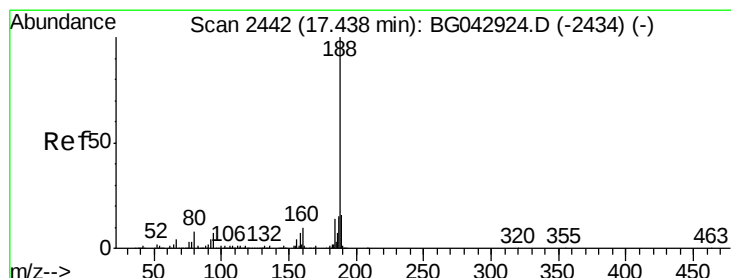
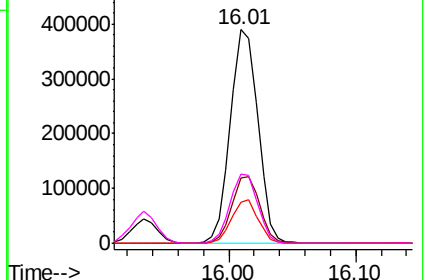
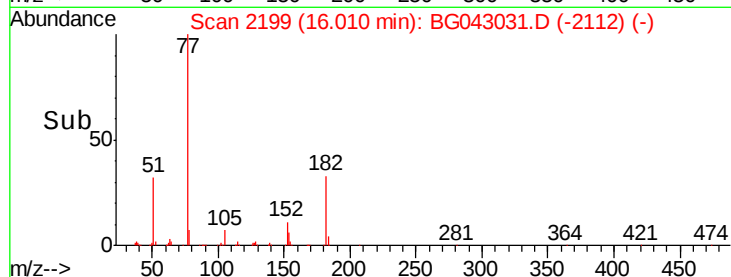


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.43 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

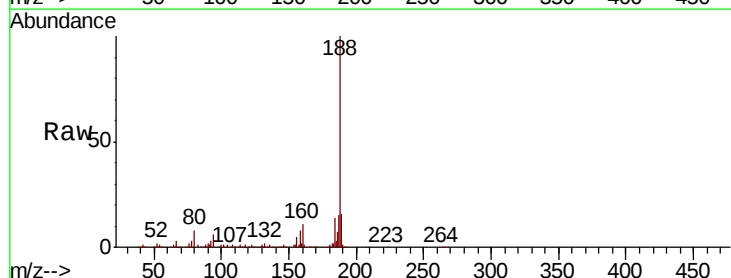
Tgt Ion: 188 Resp: 498251

Ion Ratio Lower Upper

188 100

94 6.3 5.7 8.5

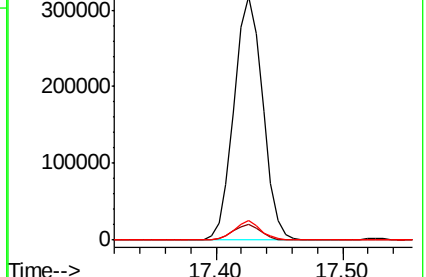
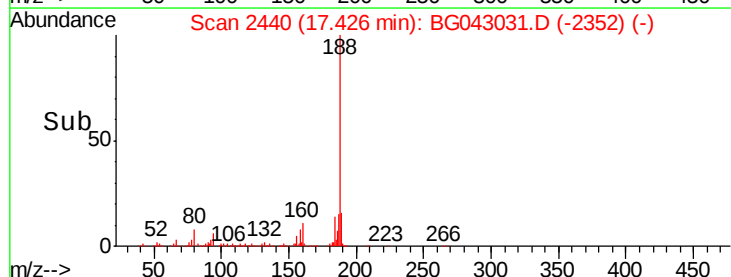
80 8.0 6.5 9.7

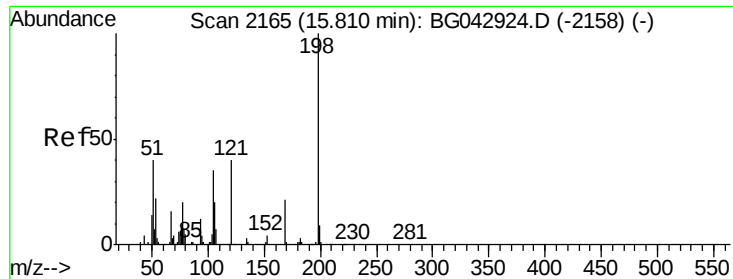


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 47.733 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

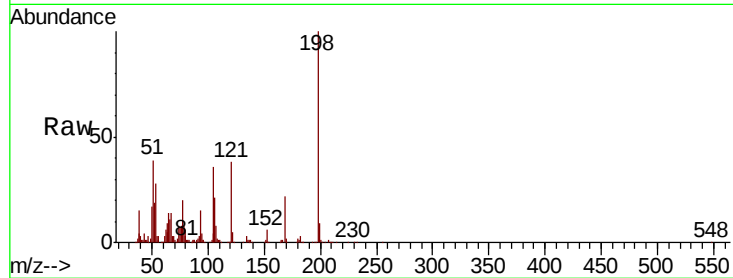
BNA_G

ClientSampleId :

PB123594BS

Tot Ion:198 Resp: 134579

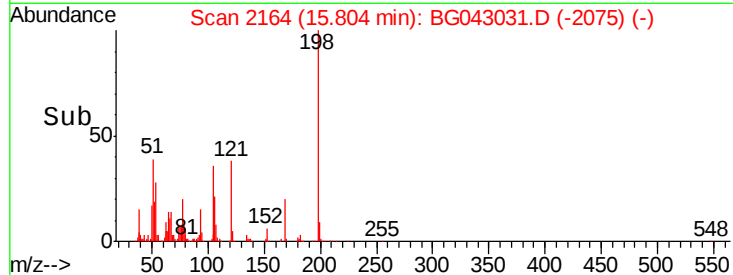
Ion	Ratio	Lower	Upper
198	100		
51	39.3	25.3	65.3
105	36.2	16.6	56.6



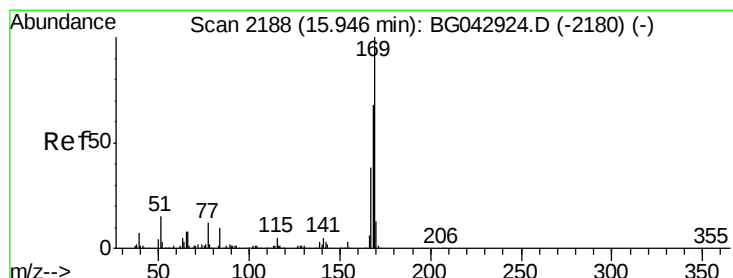
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 44.809 ng

RT: 15.93 min Scan# 2186

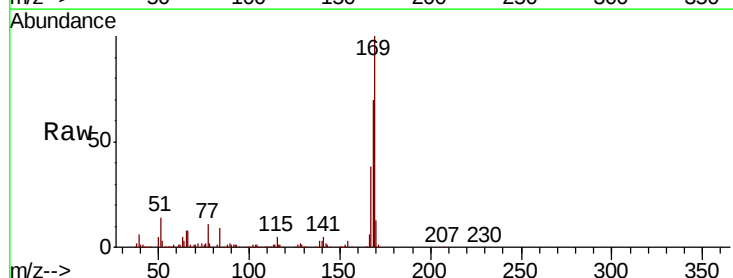
Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Tgt Ion:169 Resp: 589383

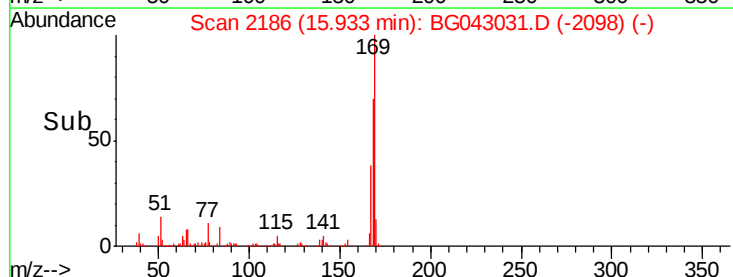
Ion	Ratio	Lower	Upper
169	100		
168	69.5	54.8	82.2
167	37.9	30.6	46.0



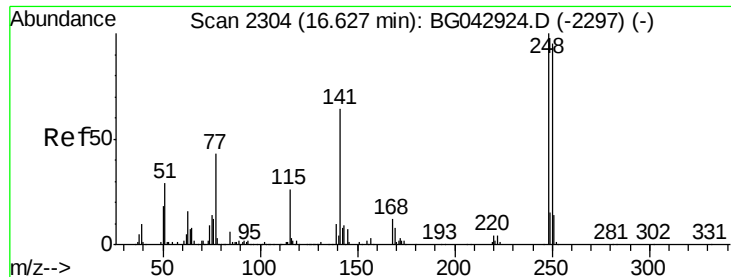
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



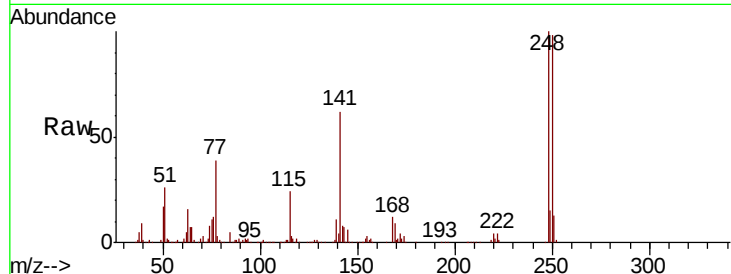
Time-->



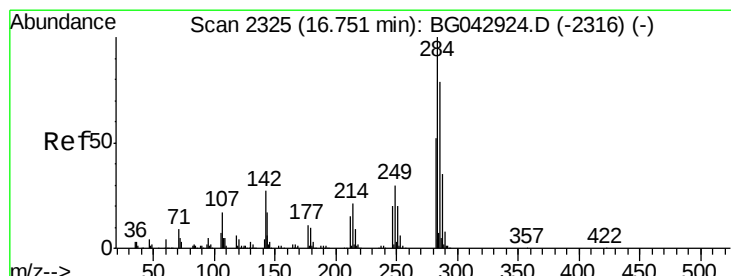
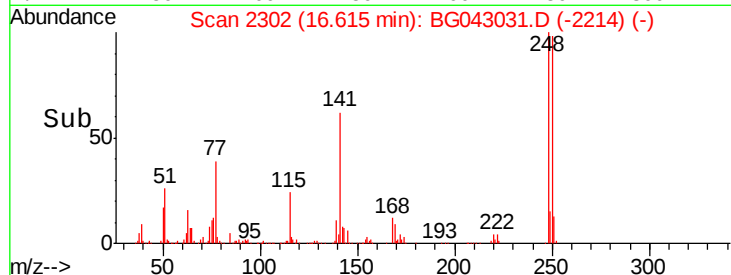
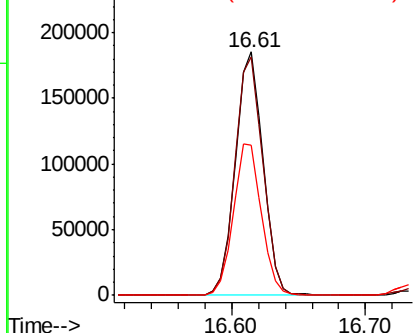
#67
4-Bromophenyl-phenylether
Concen: 42.685 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion:248 Resp: 266935
Ion Ratio Lower Upper
248 100
250 98.1 75.8 113.8
141 61.8 51.1 76.7

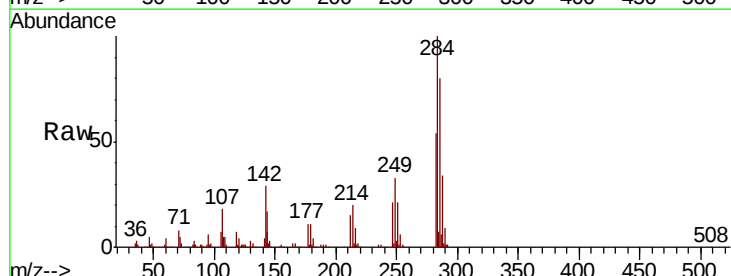


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

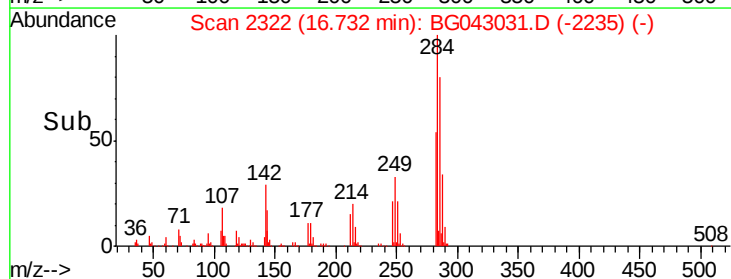
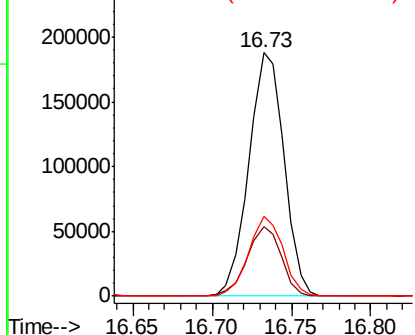


#68
Hexachlorobenzene
Concen: 41.745 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion:284 Resp: 290669
Ion Ratio Lower Upper
284 100
142 28.7 21.6 32.4
249 32.6 24.1 36.1



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

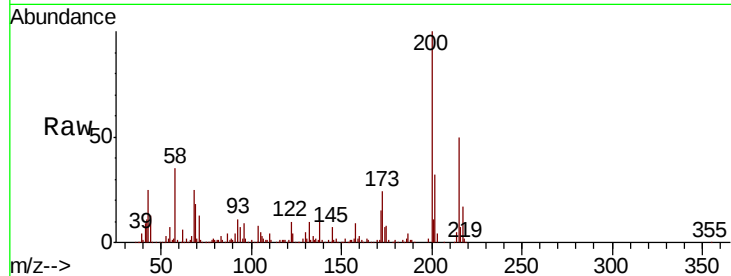




#69
 Atrazine
 Concen: 40.392 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. -0.02 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.1	4.0	44.0
215	49.7	27.4	67.4

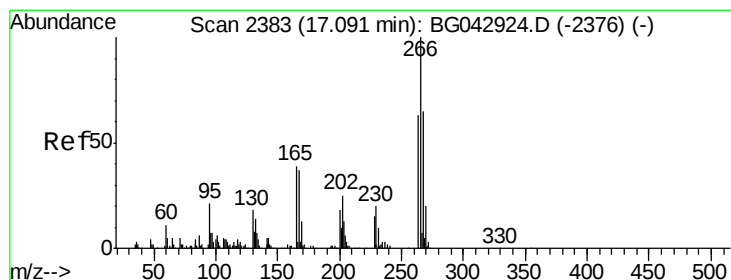
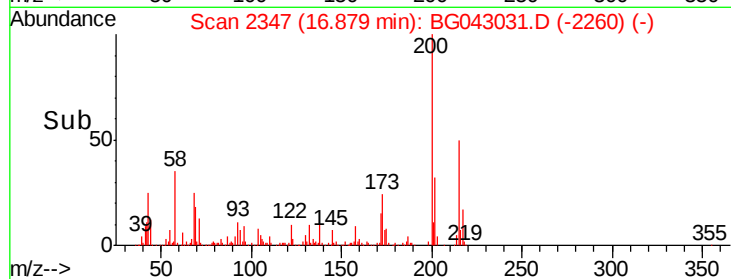
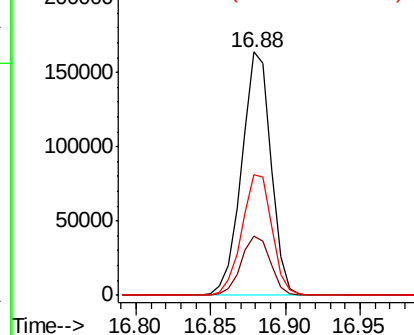


Abundance

Ion 200.00 (199.70 to 200.70): E

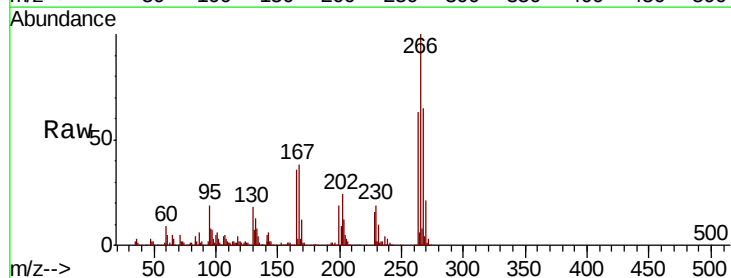
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 94.482 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	52.2	78.2
264	62.7	50.7	76.1

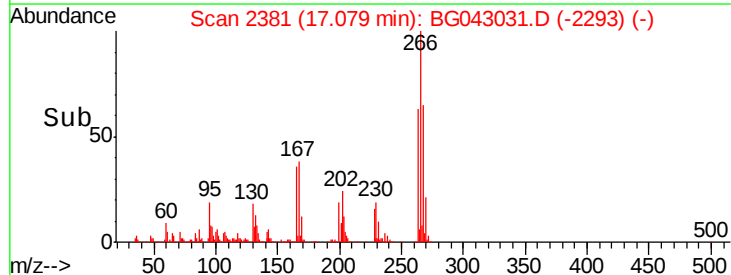
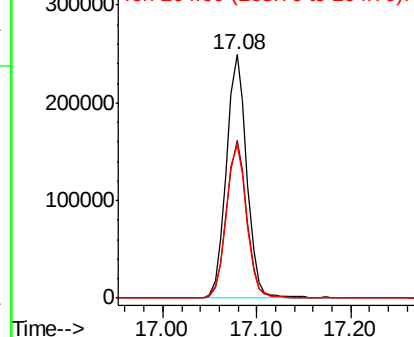


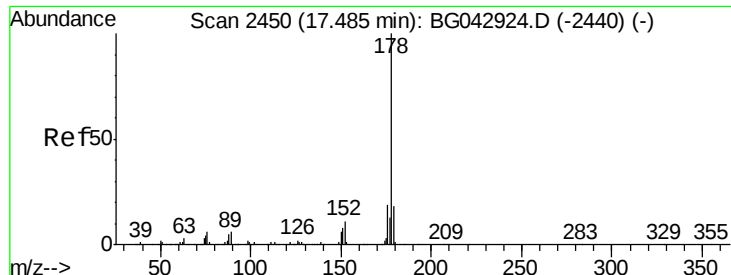
Abundance

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

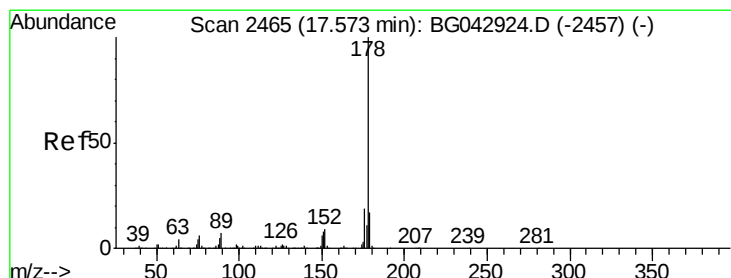
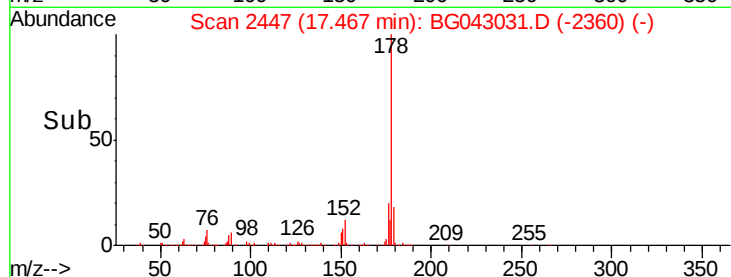
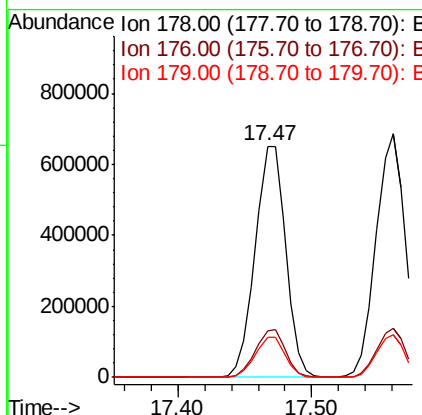
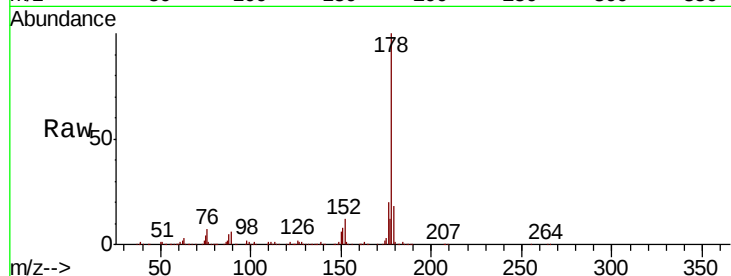




#71
Phenanthrene
Concen: 42.360 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

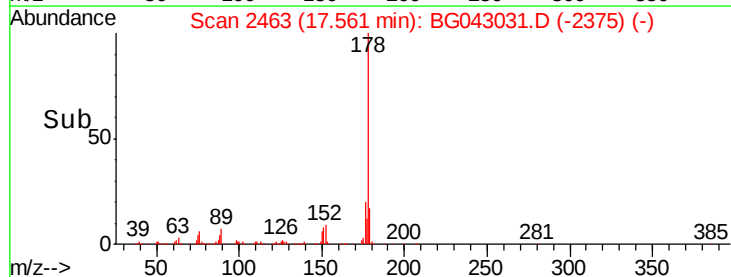
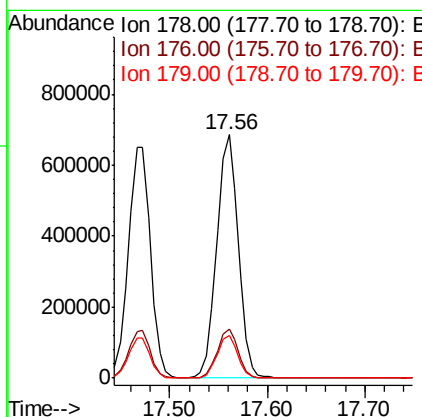
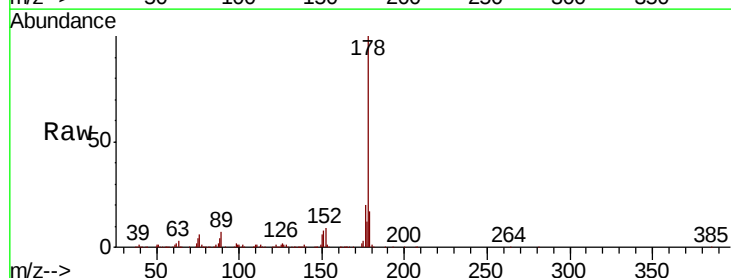
Instrument :
BNA_G
ClientSampleId :
PB123594BS

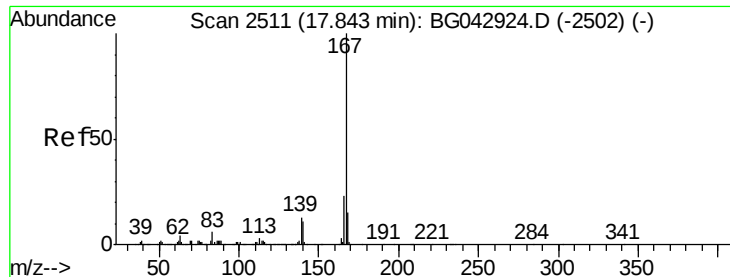
Tot Ion:178 Resp: 1030395
Ion Ratio Lower Upper
178 100
176 20.1 15.1 22.7
179 17.6 14.1 21.1



#72
Anthracene
Concen: 43.189 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion:178 Resp: 1048803
Ion Ratio Lower Upper
178 100
176 20.3 15.5 23.3
179 17.4 13.5 20.3

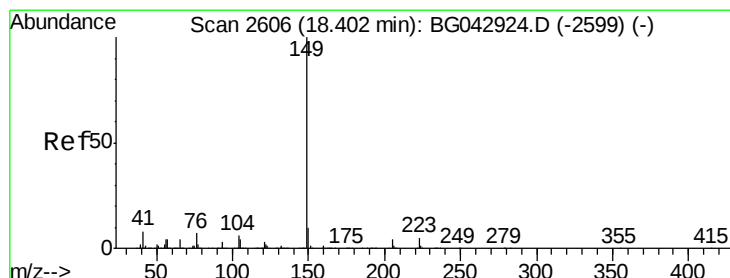
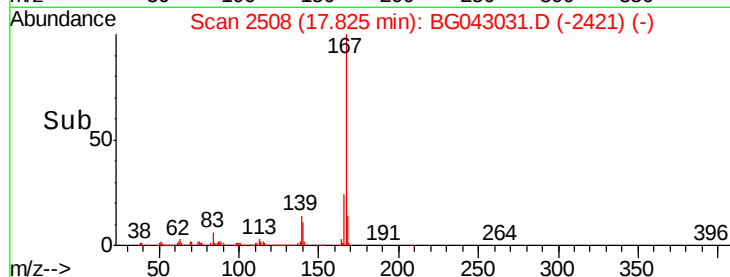
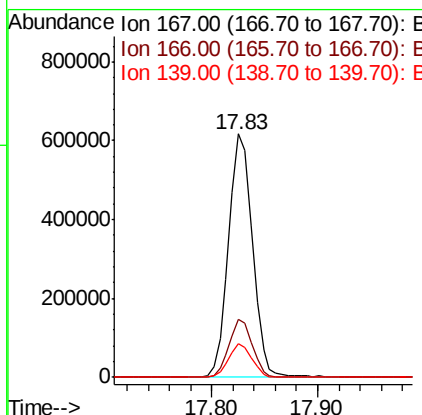
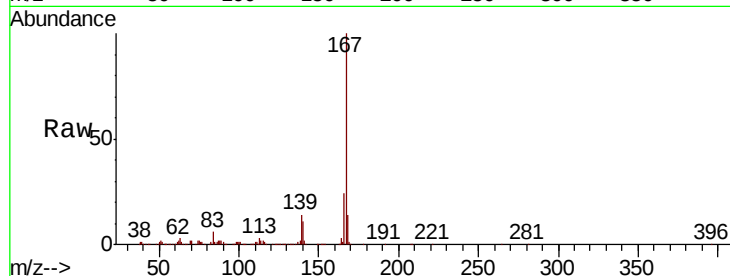




#73
 Carbazole
 Concen: 43.027 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

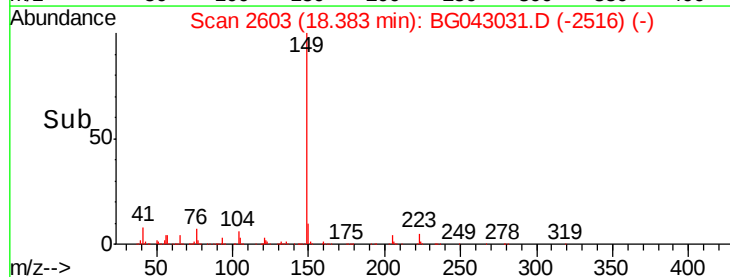
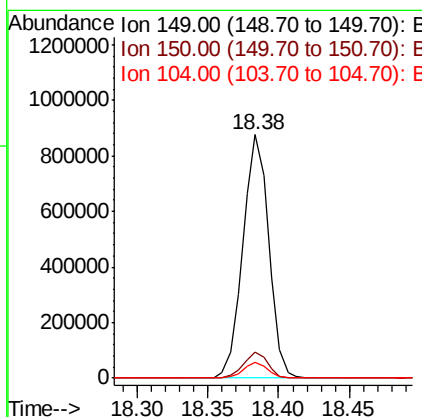
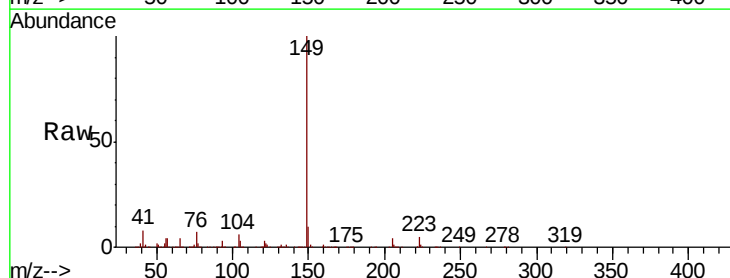
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

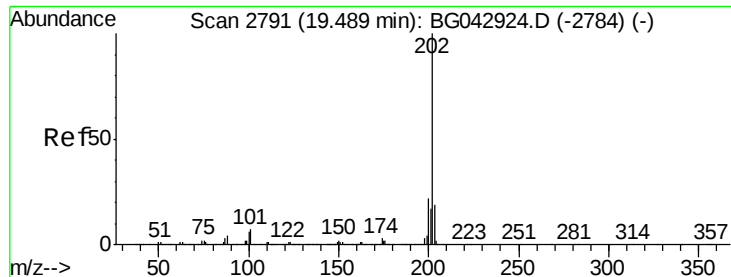
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	18.6	28.0
139	13.7	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 41.637 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.7	11.5
104	6.4	5.0	7.6





#75

Fluoranthene

Concen: 42.056 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

ClientSampleId :

PB123594BS

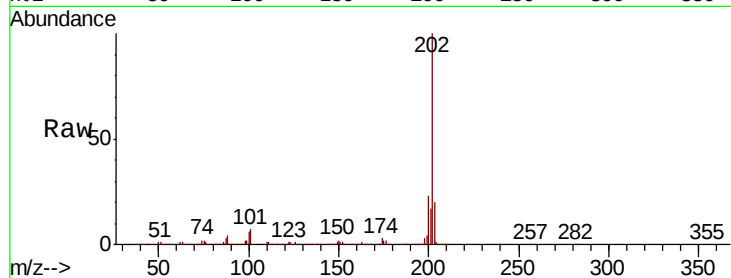
Tot Ion:202 Resp: 1353101

Ion Ratio Lower Upper

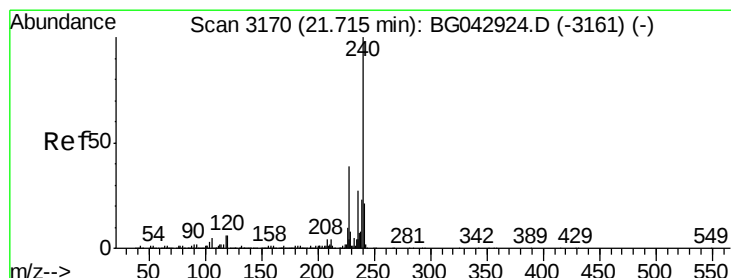
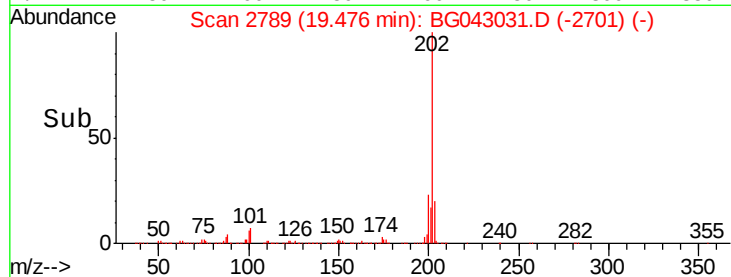
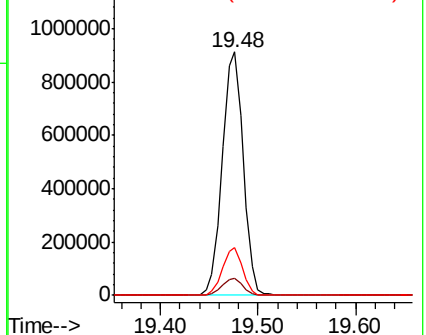
202 100

101 7.0 0.0 27.3

203 19.5 0.0 39.5



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: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

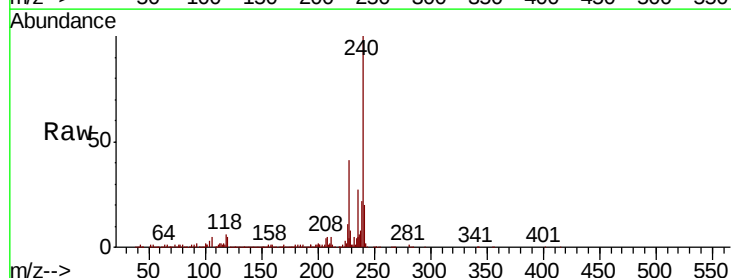
Tgt Ion:240 Resp: 557181

Ion Ratio Lower Upper

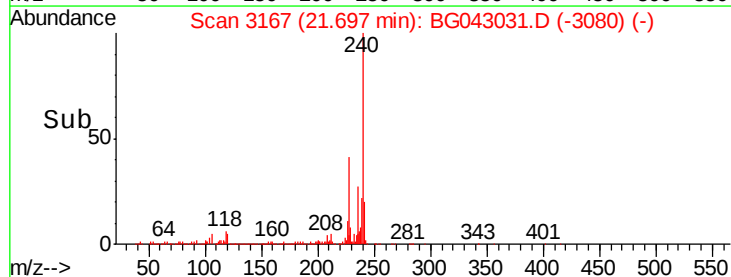
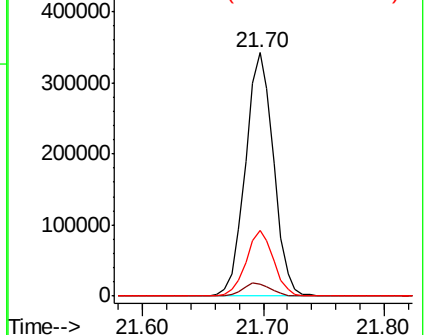
240 100

120 4.9 4.8 7.2

236 26.7 21.4 32.0



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: 28.139 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

ClientSampleId :

PB123594BS

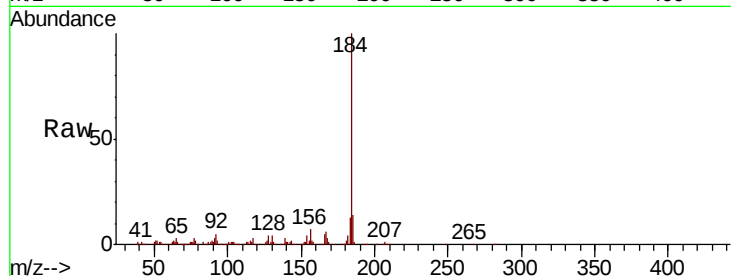
Tot Ion:184 Resp: 392573

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.8
183	13.4	10.1	15.1

184 100

185 14.5 11.8 17.8

183 13.4 10.1 15.1

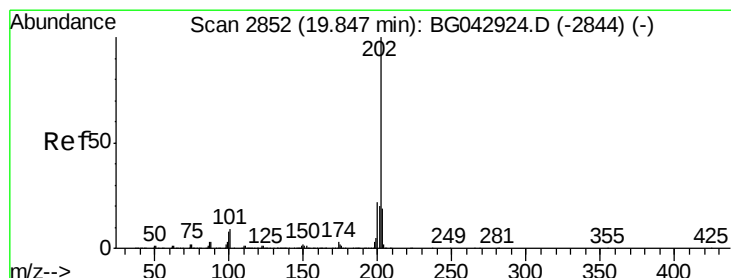
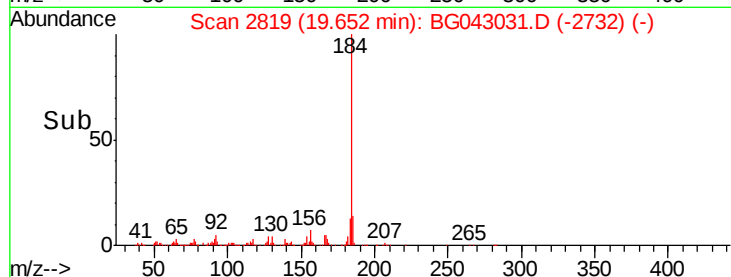
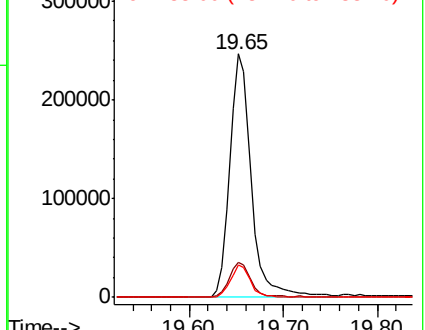


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.549 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

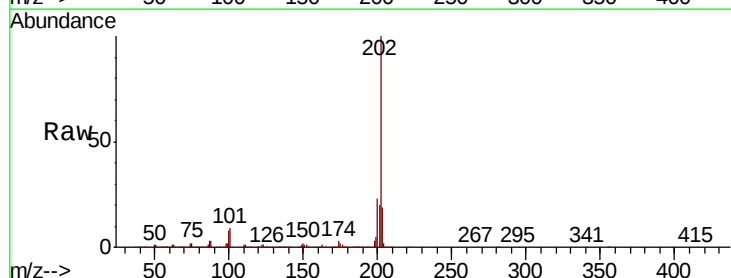
Tgt Ion:202 Resp: 1381744

Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.6	26.4
203	19.4	15.2	22.8

202 100

200 23.3 17.6 26.4

203 19.4 15.2 22.8

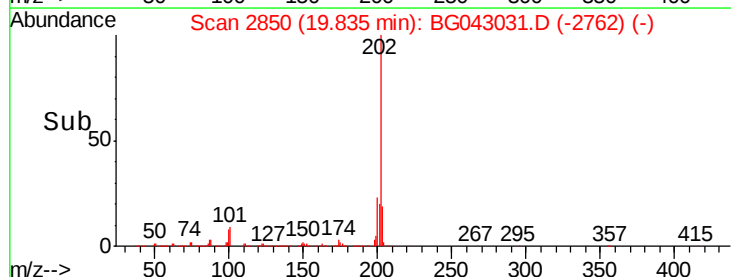
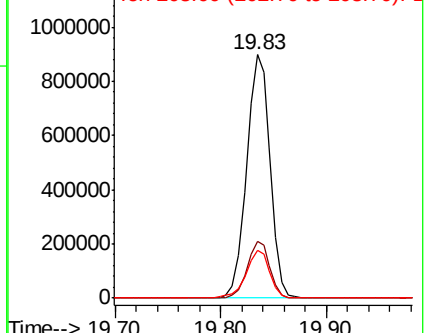


Abundance

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: 68.724 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

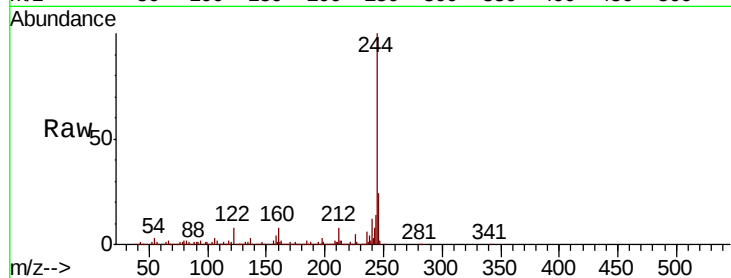
BNA_G

ClientSampleId :

PB123594BS

Tot Ion:244 Resp: 1796989

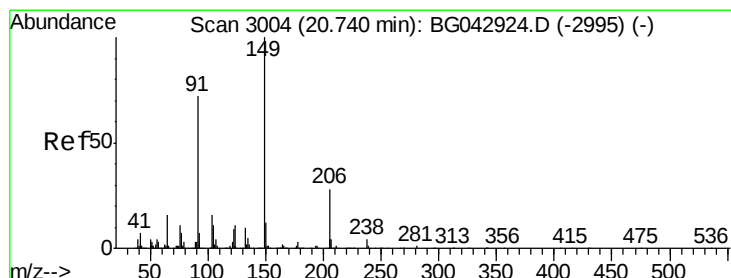
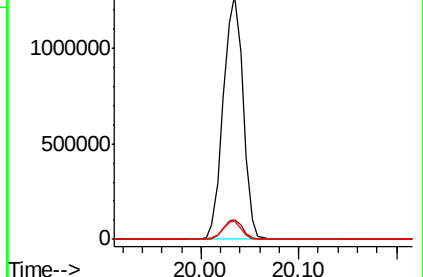
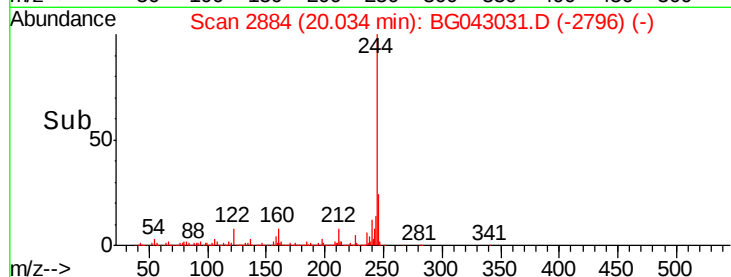
Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.0
122	7.8	7.0	10.4



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: 42.337 ng

RT: 20.72 min Scan# 3001

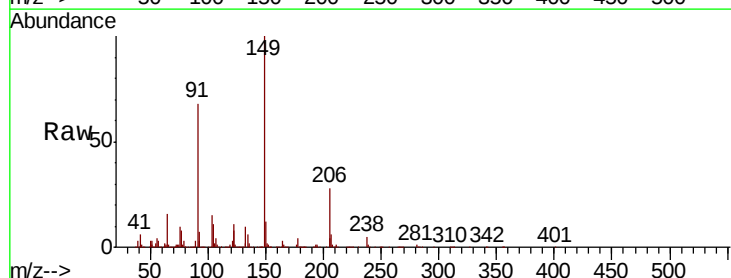
Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Tgt Ion:149 Resp: 534425

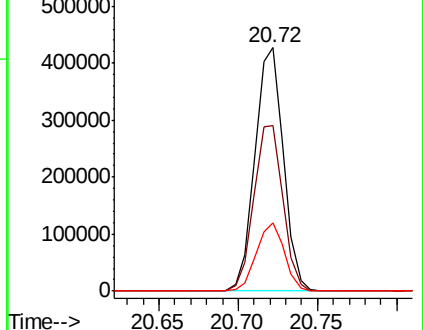
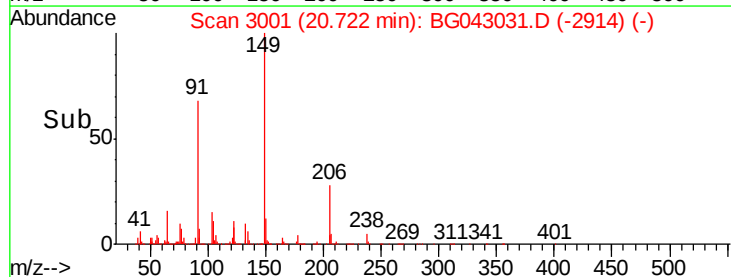
Ion	Ratio	Lower	Upper
149	100		
91	68.1	57.7	86.5
206	27.9	22.6	33.8

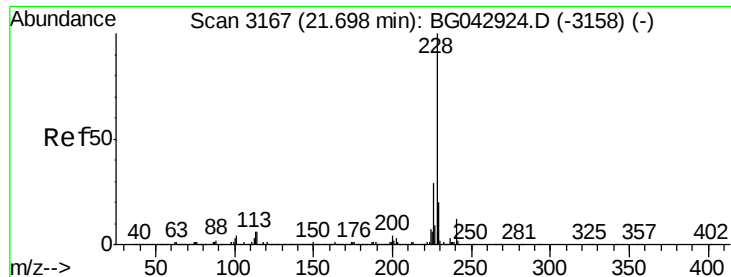


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

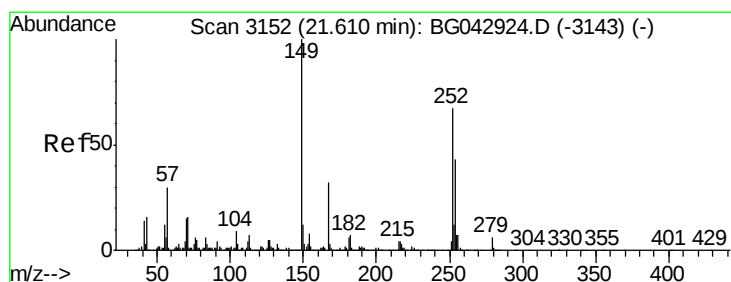
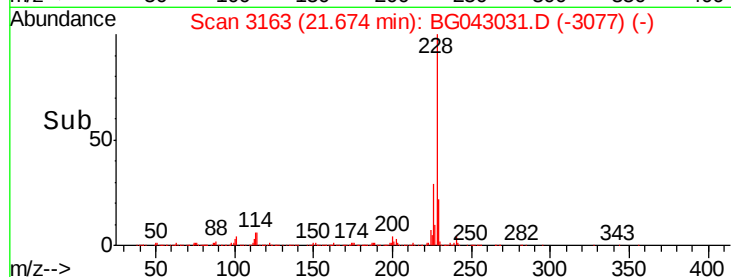
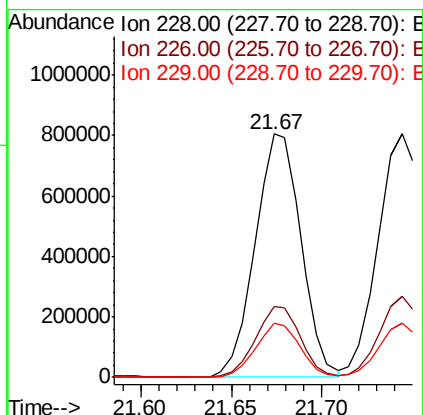
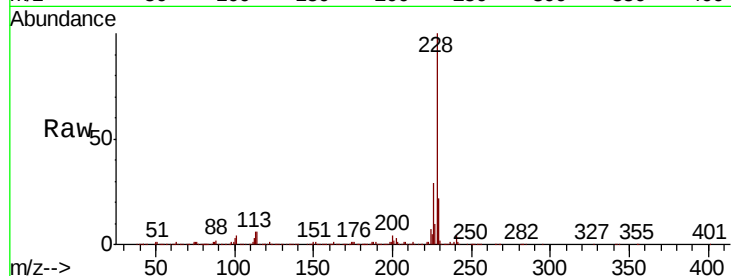




#81
Benzo(a)anthracene
Concen: 40.822 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

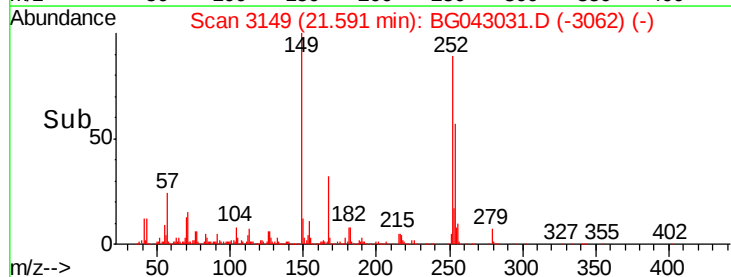
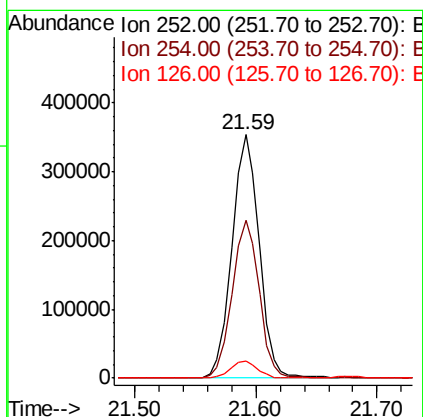
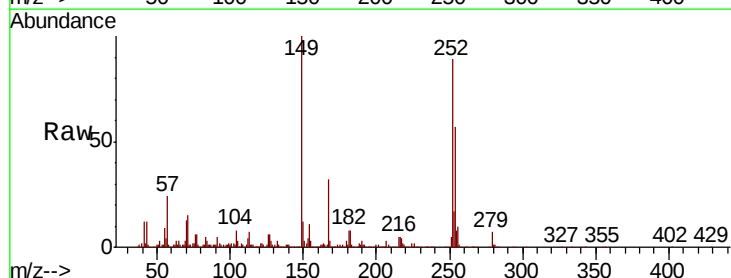
Instrument :
BNA_G
ClientSampled :
PB123594BS

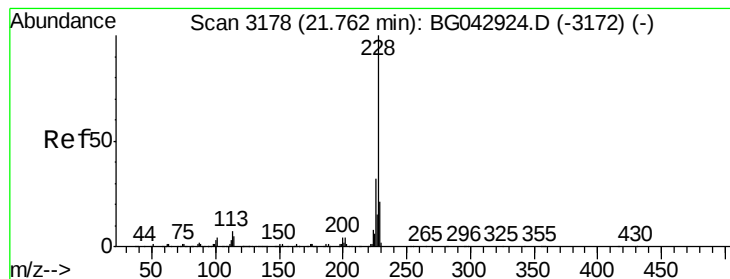
Tot Ion:228 Resp: 1417238
Ion Ratio Lower Upper
228 100
226 29.1 23.0 34.4
229 22.1 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 40.760 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion:252 Resp: 555010
Ion Ratio Lower Upper
252 100
254 64.7 51.9 77.9
126 7.0 6.1 9.1





#83

Chrysene

Concen: 41.324 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

ClientSampled :

PB123594BS

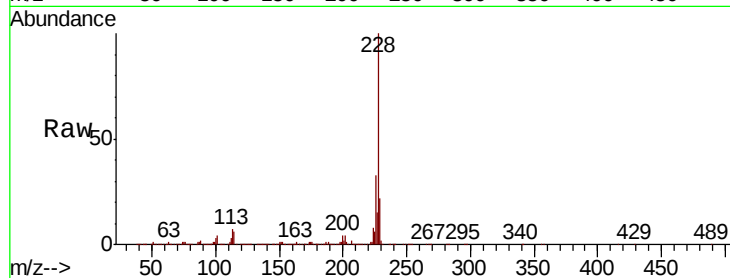
Tot Ion:228 Resp: 1392232

Ion Ratio Lower Upper

228 100

226 33.3 25.6 38.4

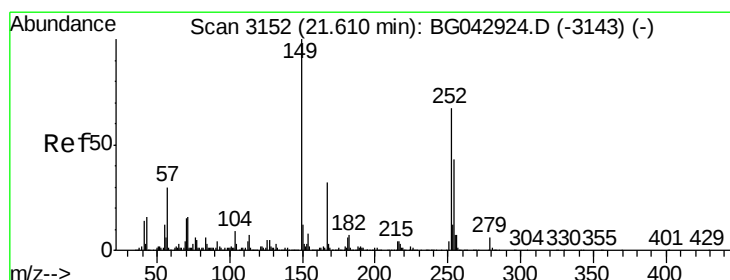
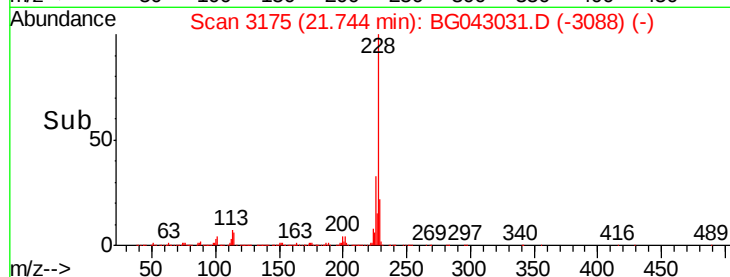
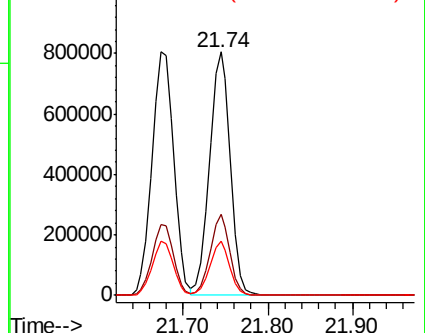
229 22.3 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.532 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

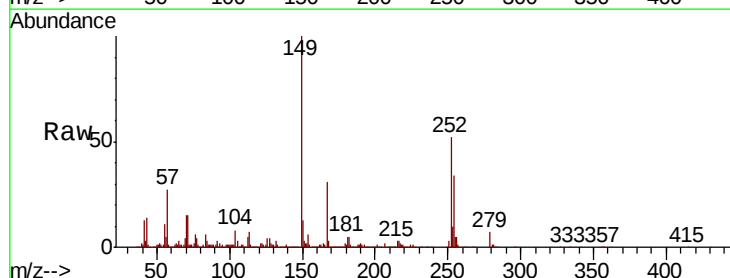
Tgt Ion:149 Resp: 763949

Ion Ratio Lower Upper

149 100

167 31.1 25.4 38.2

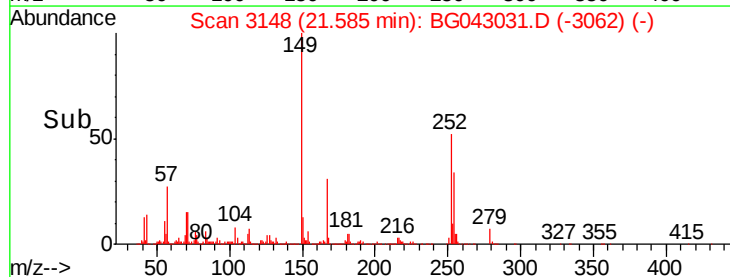
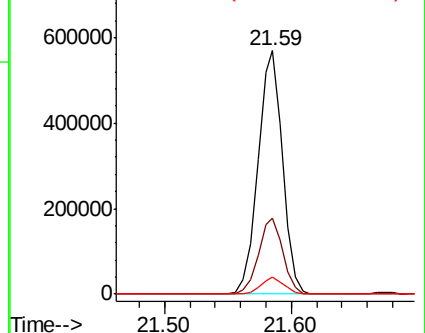
279 7.0 5.1 7.7

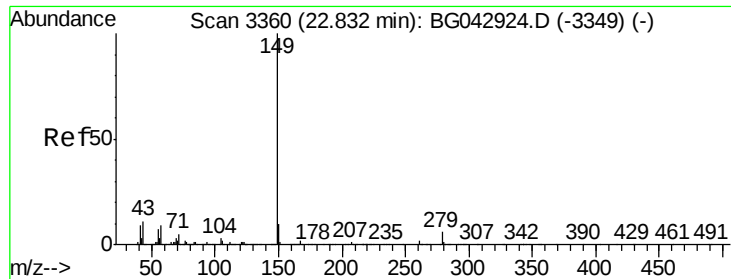


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

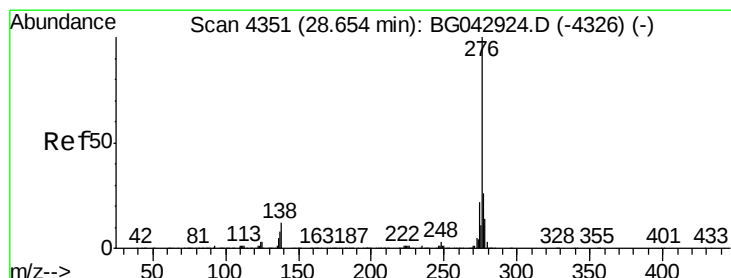
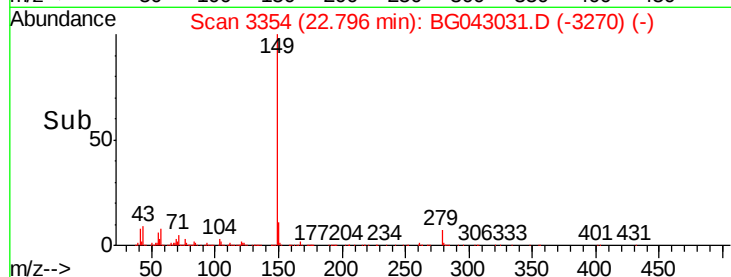
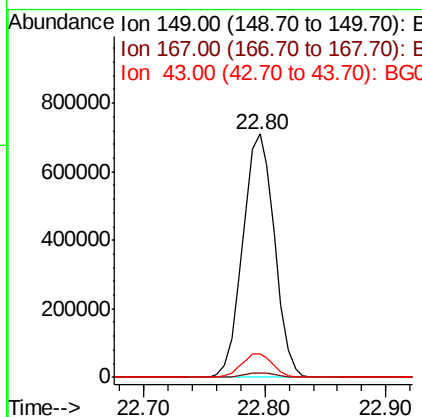
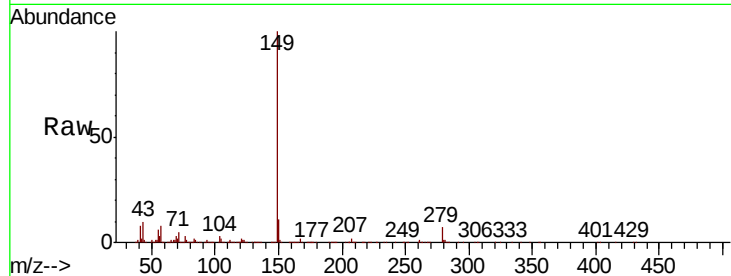




#85
Di-n-octyl phthalate
Concen: 44.020 ng
RT: 22.80 min Scan# 3354
Delta R.T. -0.04 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

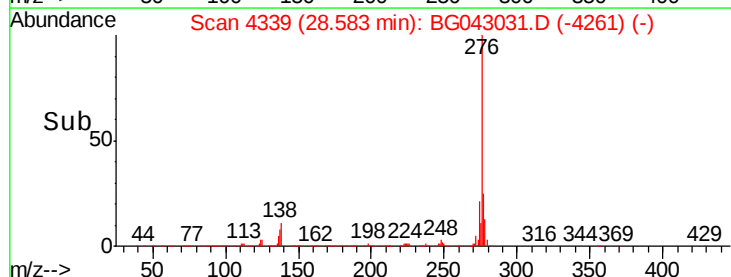
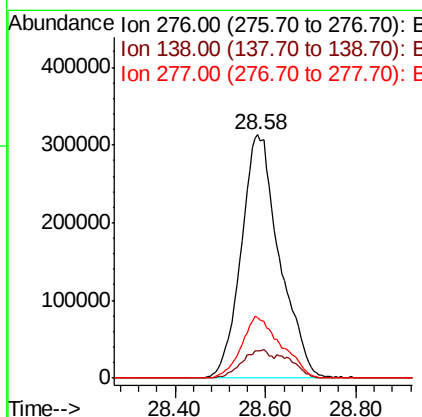
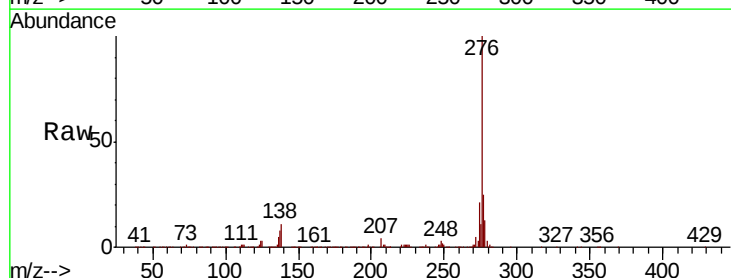
Instrument :
BNA_G
ClientSampleId :
PB123594BS

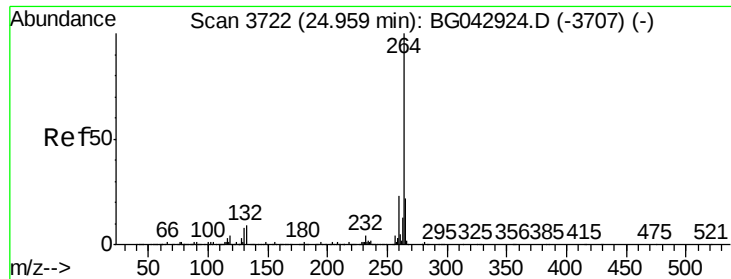
Tot Ion:149 Resp: 1292945
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 9.6 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.520 ng
RT: 28.58 min Scan# 4339
Delta R.T. -0.07 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion:276 Resp: 1825306
Ion Ratio Lower Upper
276 100
138 8.9 7.0 10.6
277 26.4 20.9 31.3



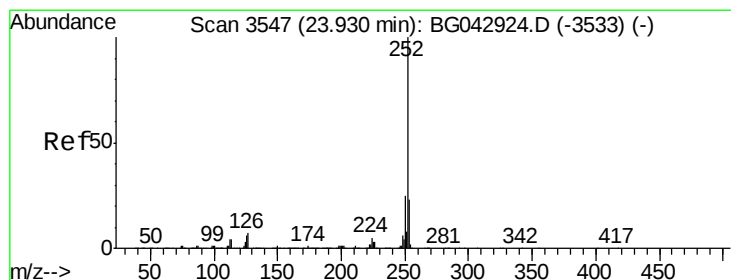
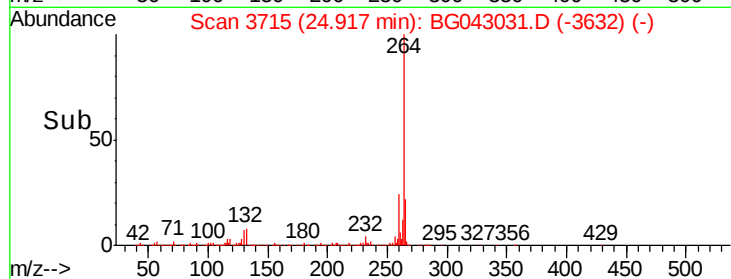
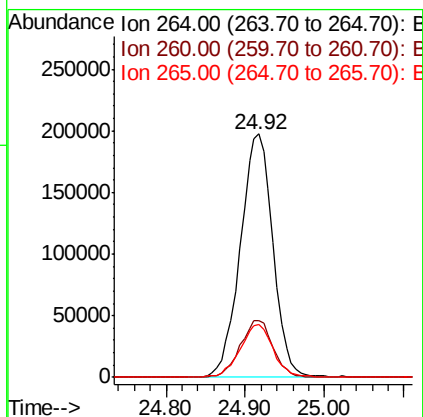
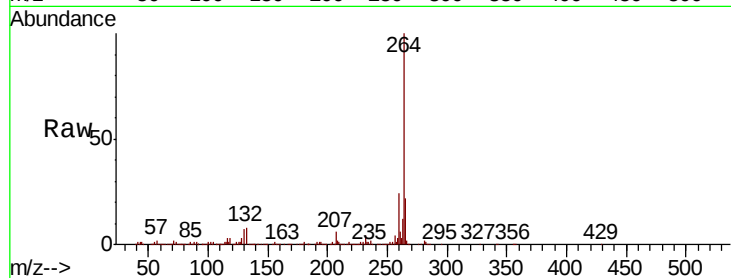


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.04 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion:264 Resp: 562735

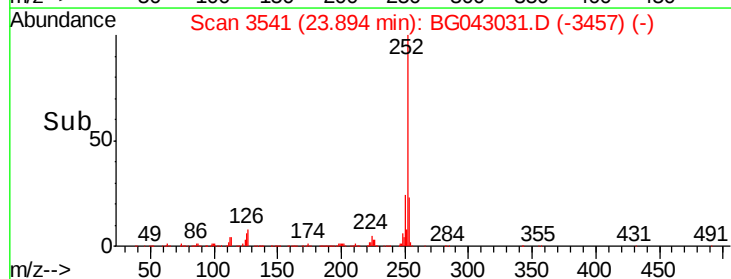
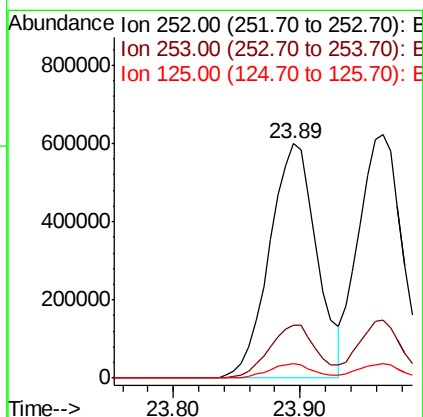
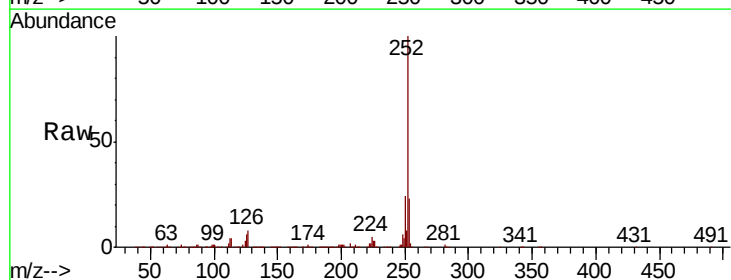
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.0	17.7	26.5

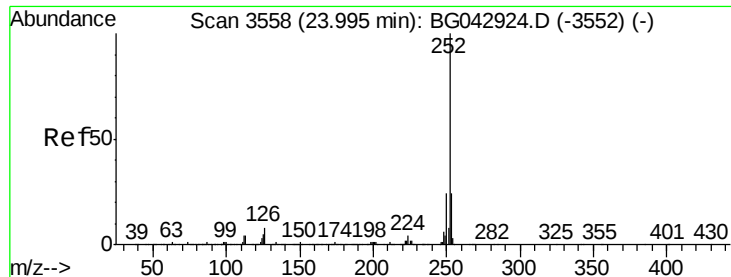


#88
Benzo(b)fluoranthene
Concen: 48.741 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.04 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion:252 Resp: 1551960

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	6.1	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 46.998 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.03 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

ClientSampleId :

PB123594BS

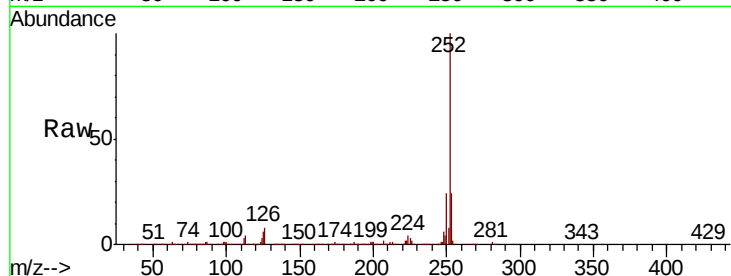
Tot Ion:252 Resp: 1480426

Ion Ratio Lower Upper

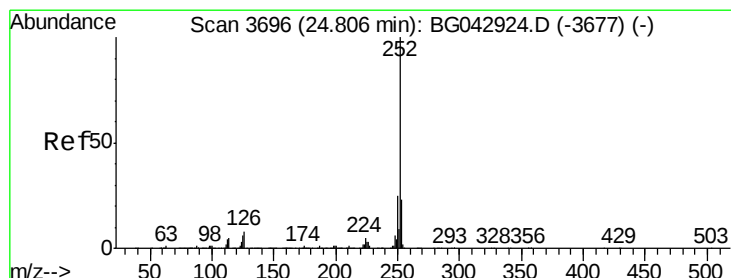
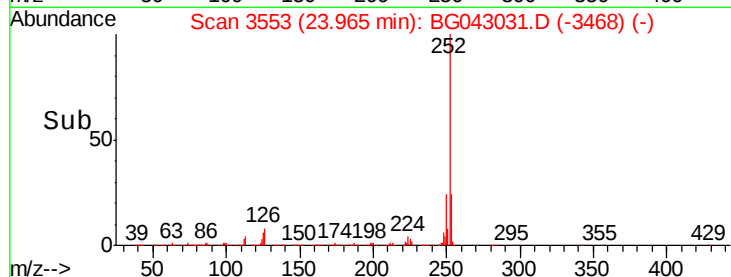
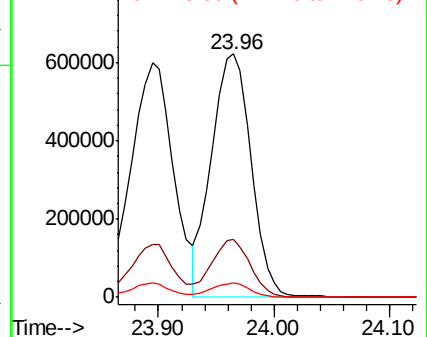
252 100

253 23.7 18.9 28.3

125 6.2 4.5 6.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 49.680 ng

RT: 24.76 min Scan# 3689

Delta R.T. -0.04 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

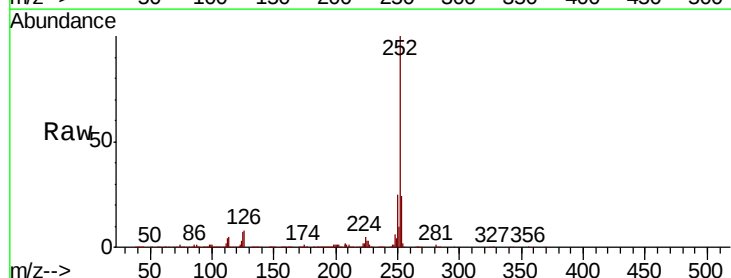
Tgt Ion:252 Resp: 1492421

Ion Ratio Lower Upper

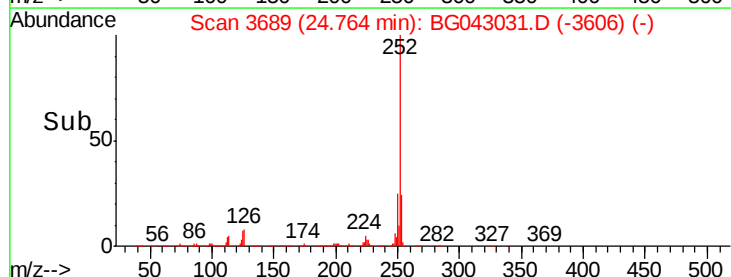
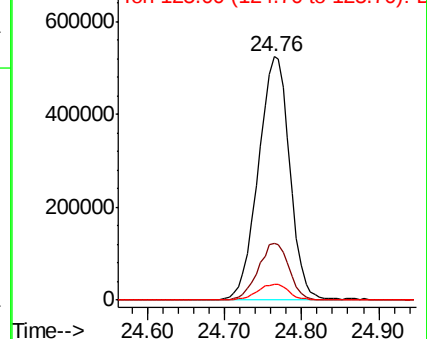
252 100

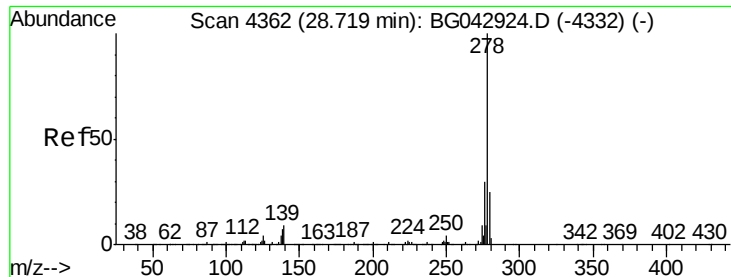
253 23.5 18.2 27.4

125 6.6 5.0 7.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

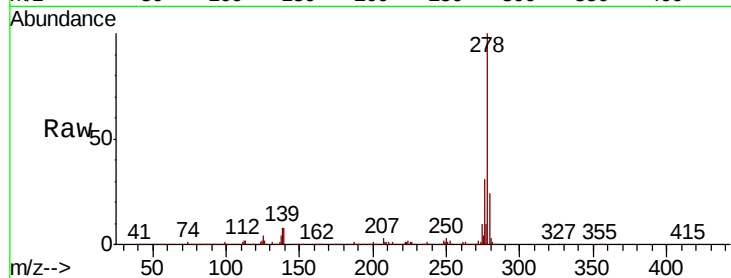




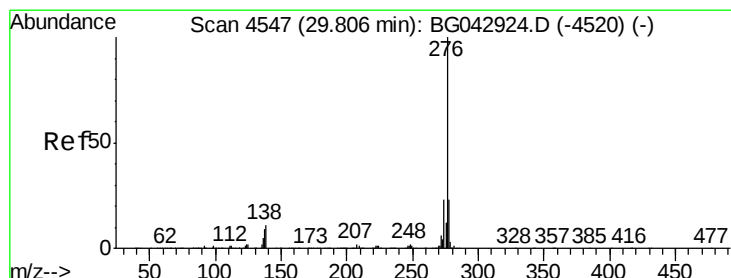
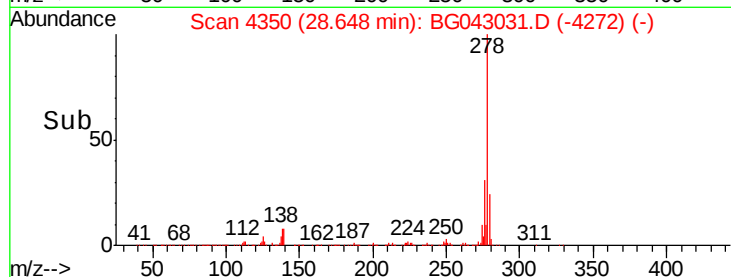
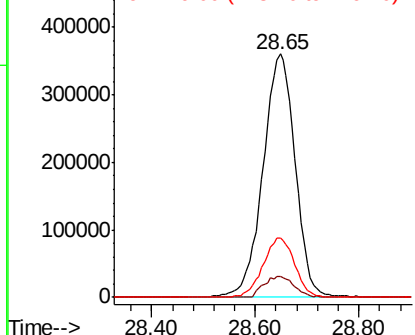
#91
Dibenzo(a,h)anthracene
Concen: 50.330 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.07 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion:278 Resp: 1550386
Ion Ratio Lower Upper
278 100
139 8.5 6.8 10.2
279 24.1 20.1 30.1

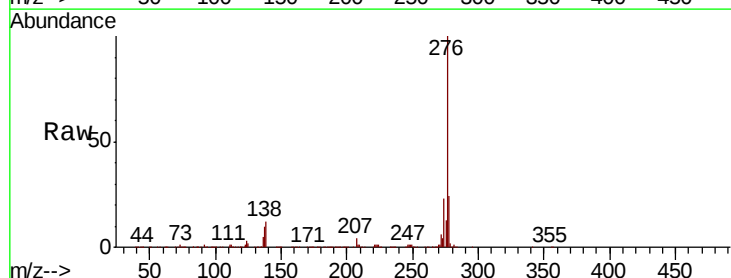


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.330 ng
RT: 29.73 min Scan# 4535
Delta R.T. -0.07 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion:276 Resp: 1532047
Ion Ratio Lower Upper
276 100
277 23.5 18.4 27.6
138 12.1 8.6 12.8



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

