

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 :

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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	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

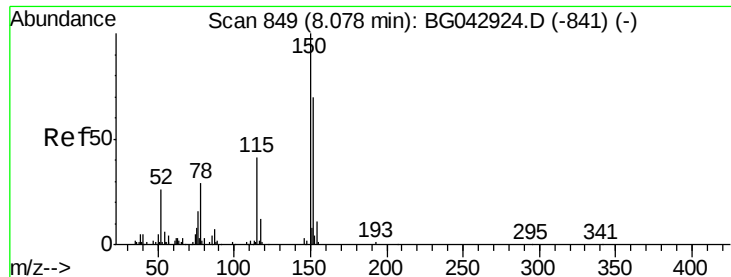
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
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 Response via : Initial Calibration

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

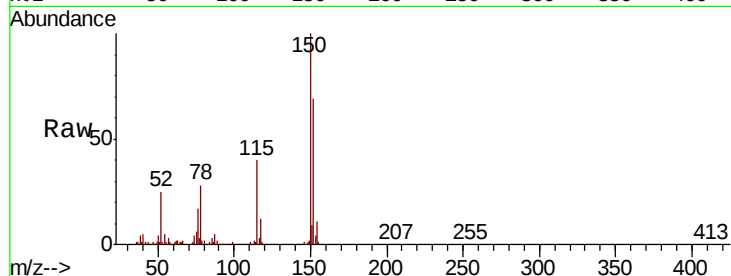


#1

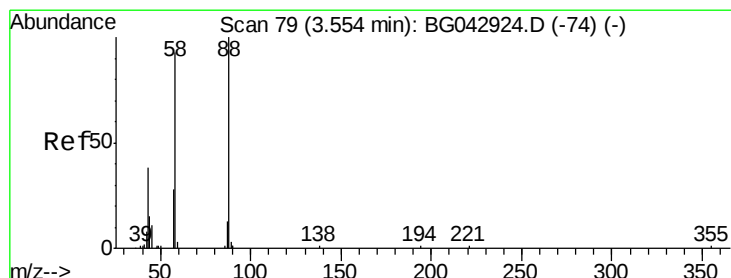
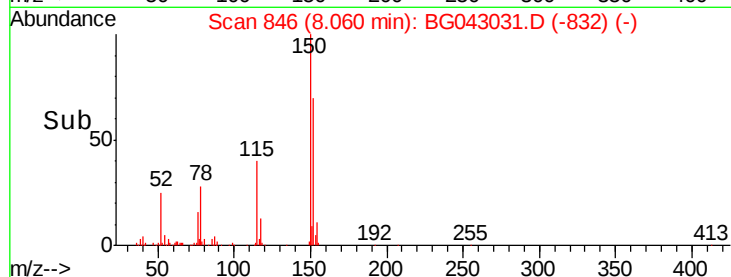
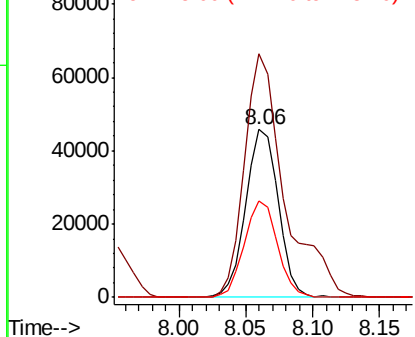
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :

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



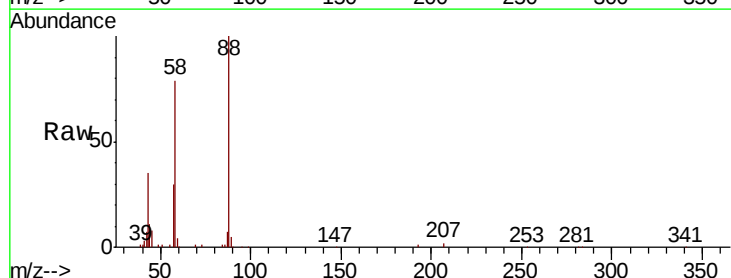
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



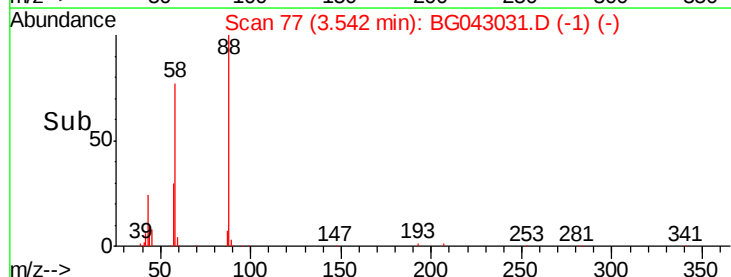
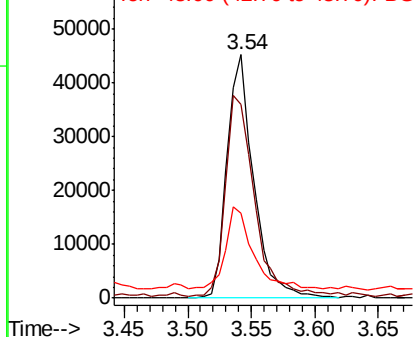
#2

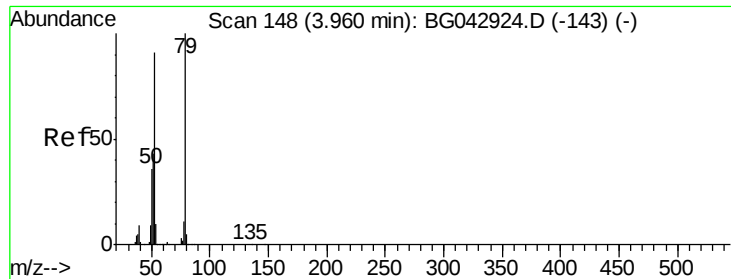
1,4-Dioxane
Concen: 36.398 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

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 :

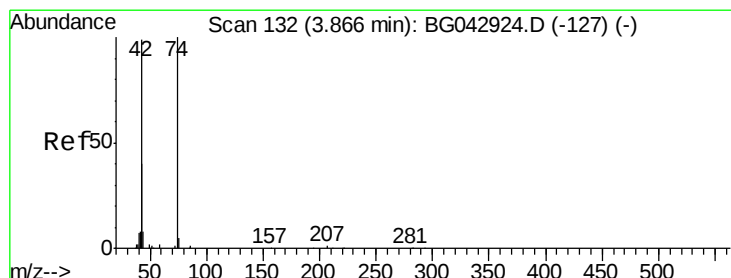
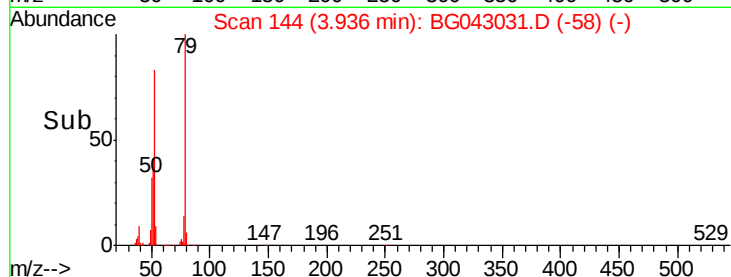
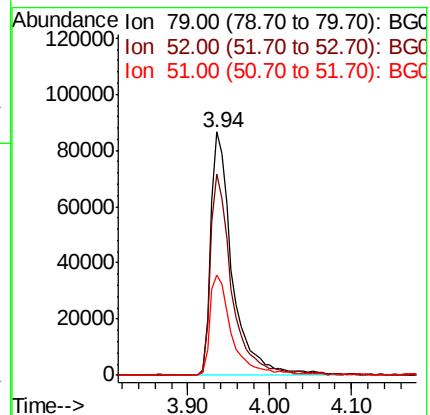
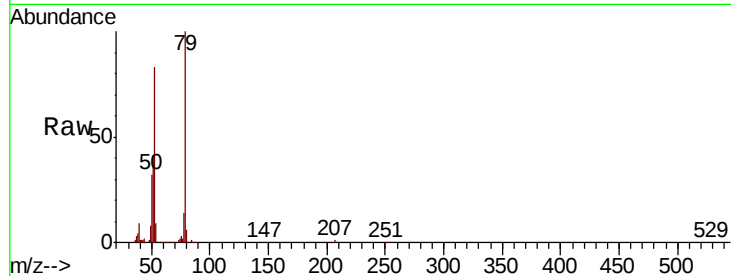
Tot Ion: 79 Resp: 159254

Ion Ratio Lower Upper

79 100

52 82.6 73.0 109.4

51 41.4 35.1 52.7



#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

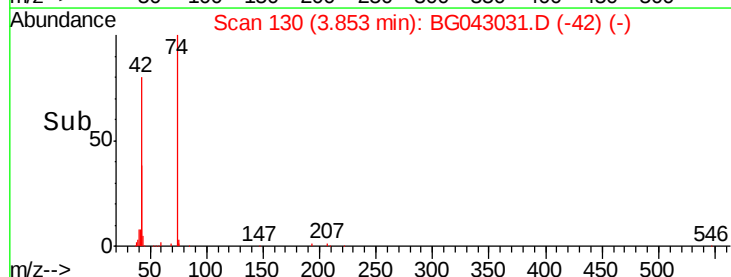
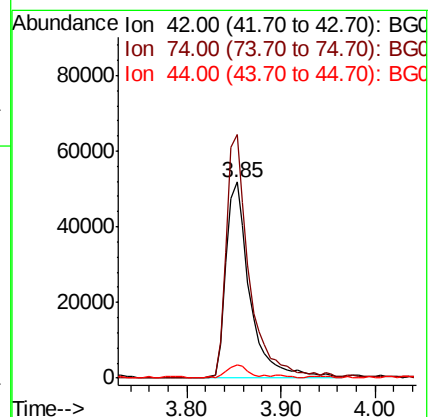
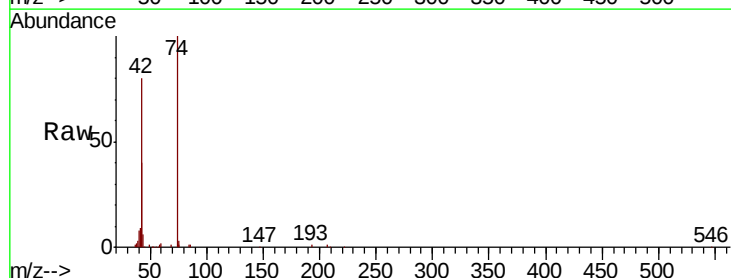
Tgt Ion: 42 Resp: 92286

Ion Ratio Lower Upper

42 100

74 124.4 80.5 120.7#

44 7.0 6.9 10.3





#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 :

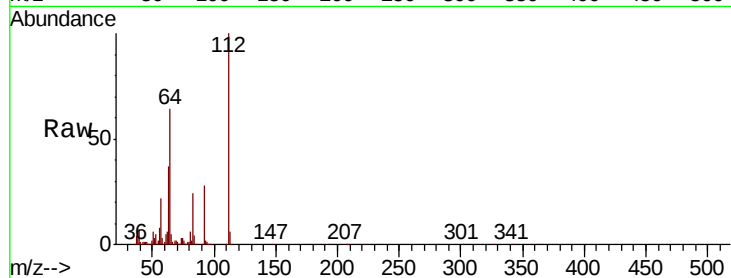
Tot Ion:112 Resp: 495049

Ion Ratio Lower Upper

112 100

64 64.3 56.6 84.8

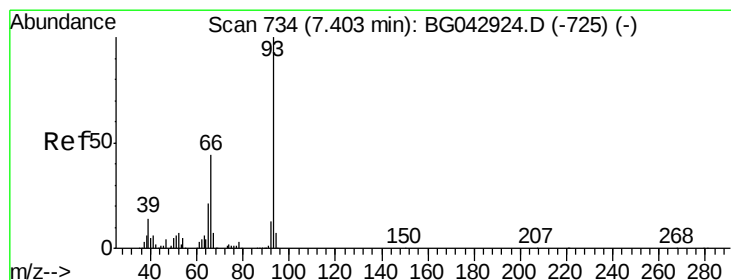
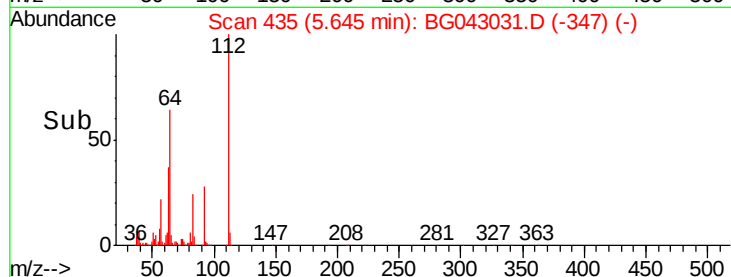
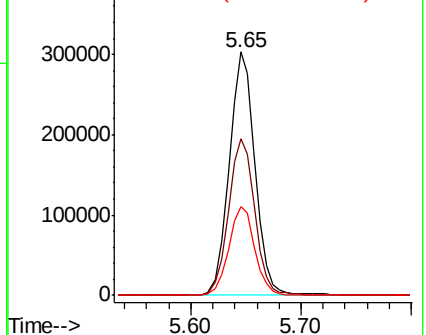
63 36.6 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

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

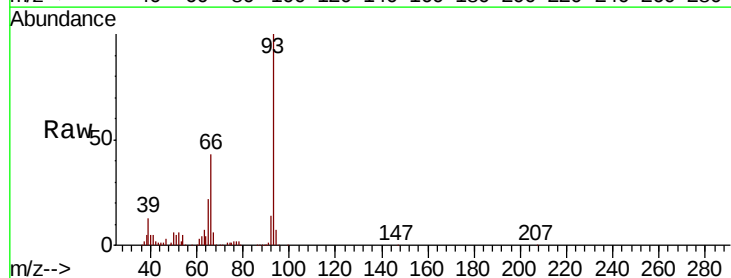
Tgt Ion: 93 Resp: 260785

Ion Ratio Lower Upper

93 100

66 42.5 35.0 52.6

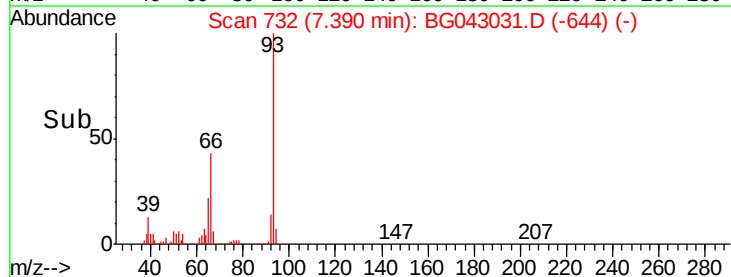
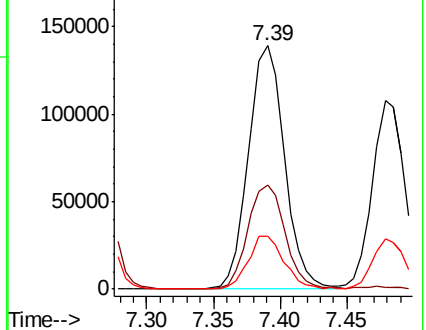
65 22.0 17.4 26.0

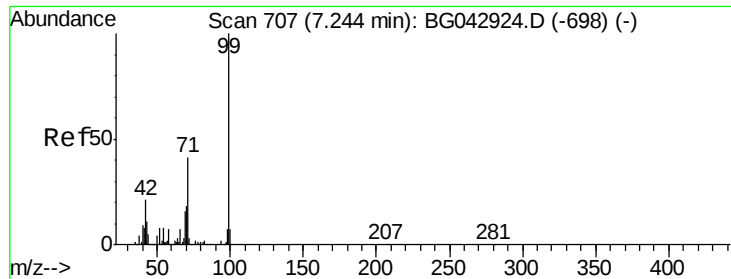


Abundance Ion 93.00 (92.70 to 93.70): BGC

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

ClientSampled :

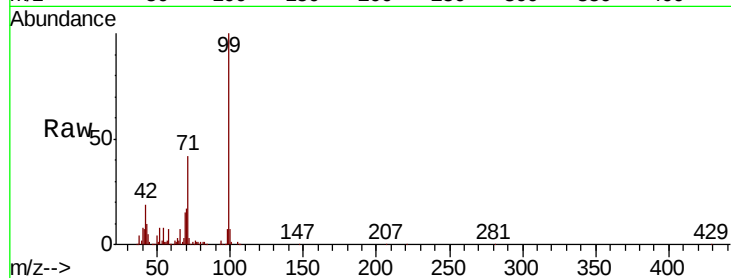
Tot Ion: 99 Resp: 671683

Ion Ratio Lower Upper

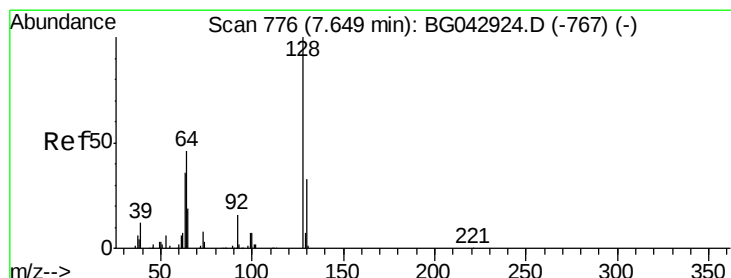
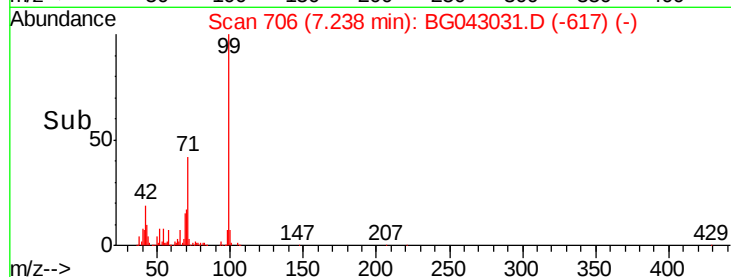
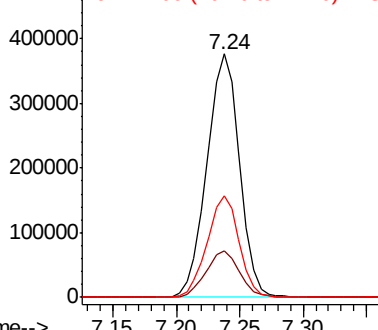
99 100

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

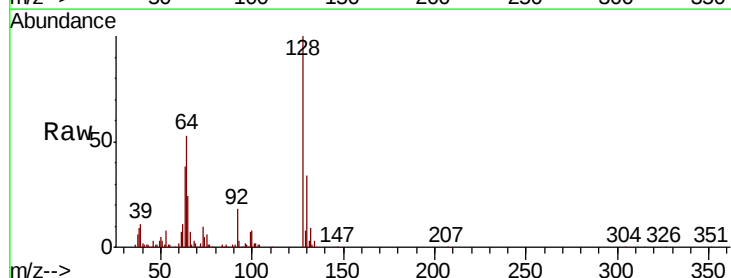
Tgt Ion:128 Resp: 209435

Ion Ratio Lower Upper

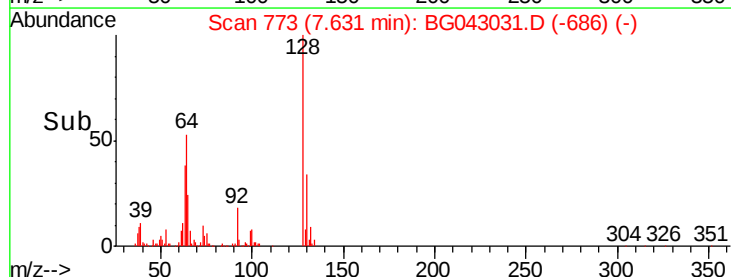
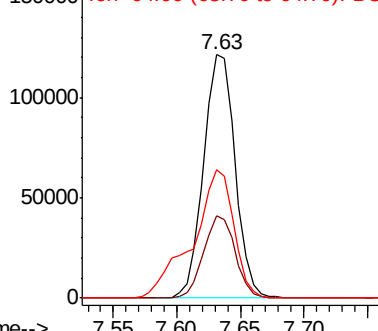
128 100

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 :

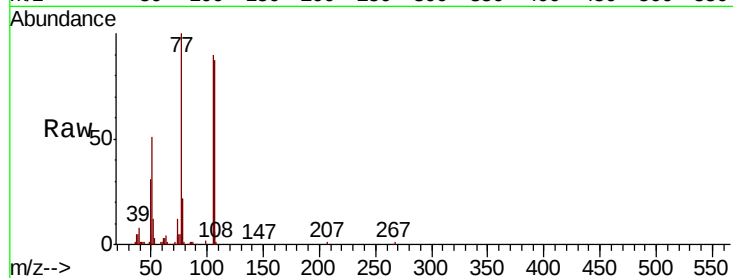
Tot Ion: 77 Resp: 106687

Ion Ratio Lower Upper

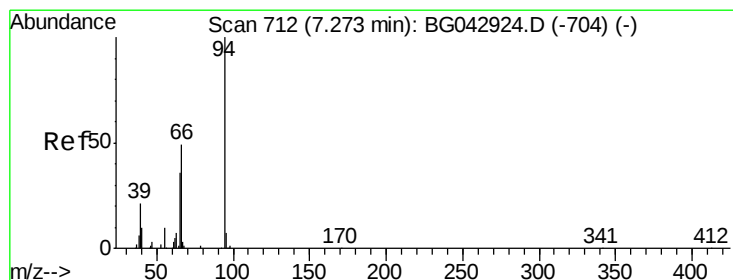
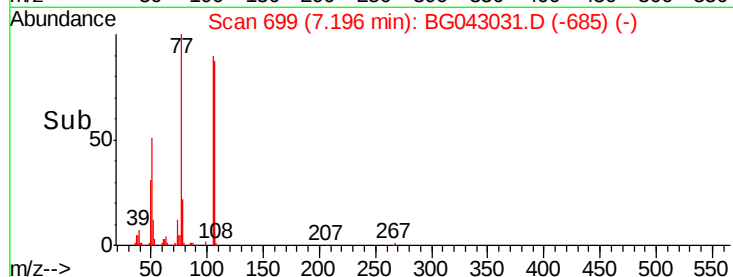
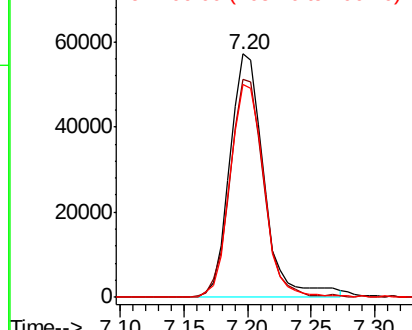
77 100

105 89.6 64.6 104.6

106 87.3 59.4 99.4



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



#10

Phenol

Concen: 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

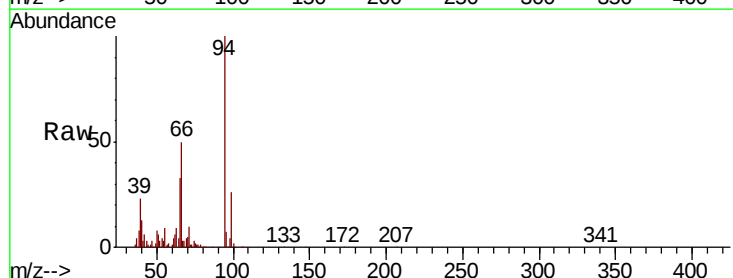
Tgt Ion: 94 Resp: 262933

Ion Ratio Lower Upper

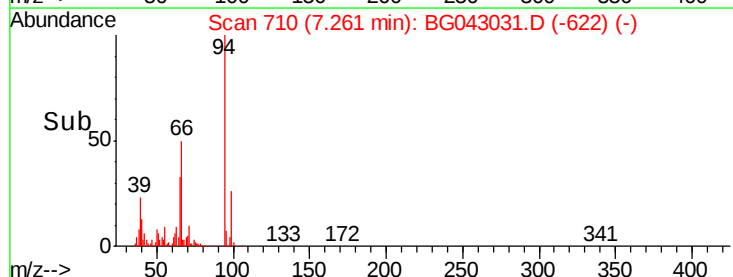
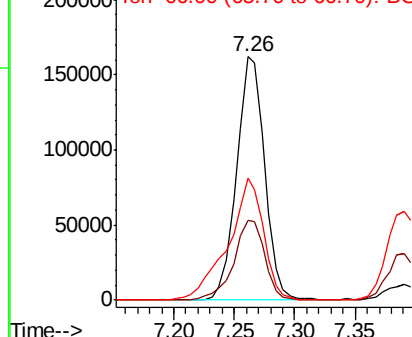
94 100

65 32.9 16.6 56.6

66 49.9 32.4 72.4



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

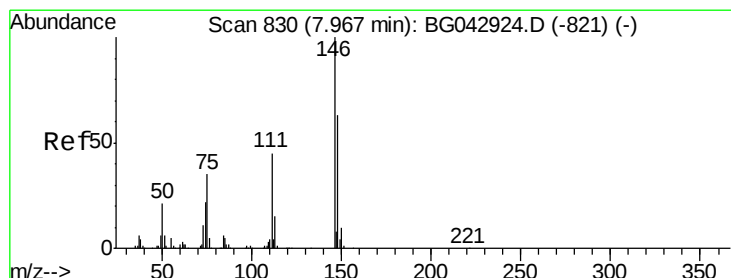
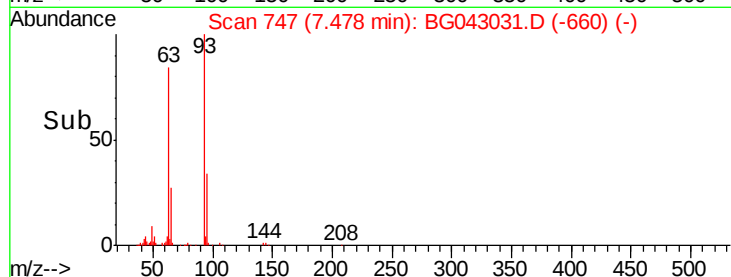
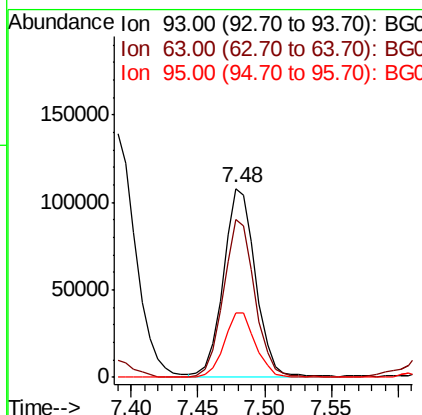
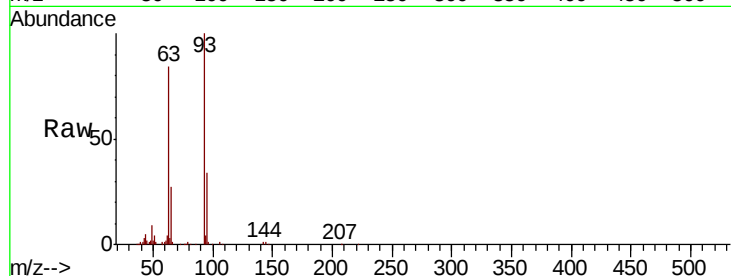




#11
bis(2-Chloroethyl)ether
Concen: 40.634 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

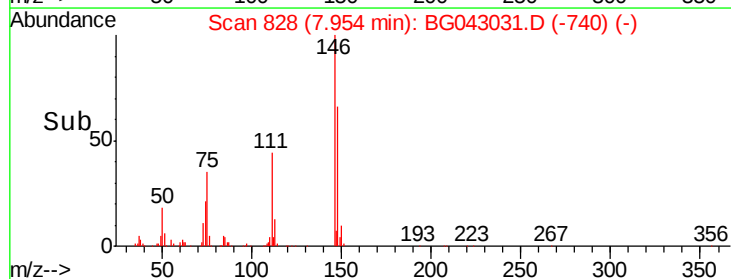
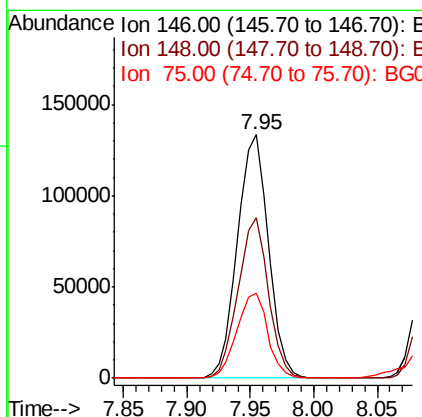
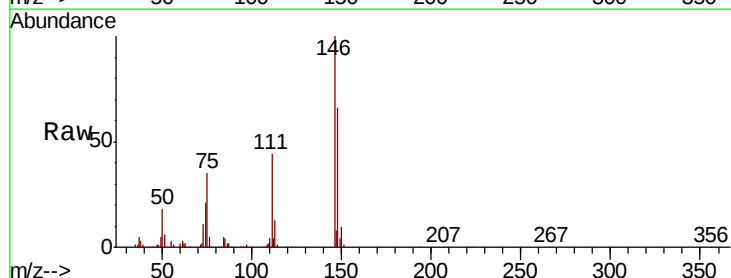
Instrument :
BNA_G
ClientSampleId :

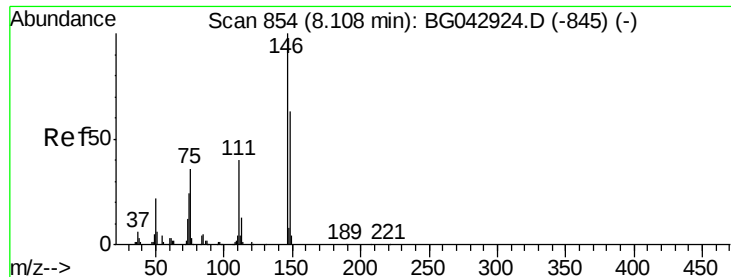
Tot Ion: 93 Resp: 179864
Ion Ratio Lower Upper
93 100
63 83.9 67.4 107.4
95 34.4 11.9 51.9



#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

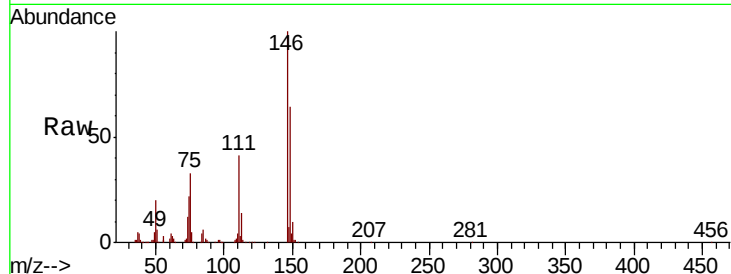




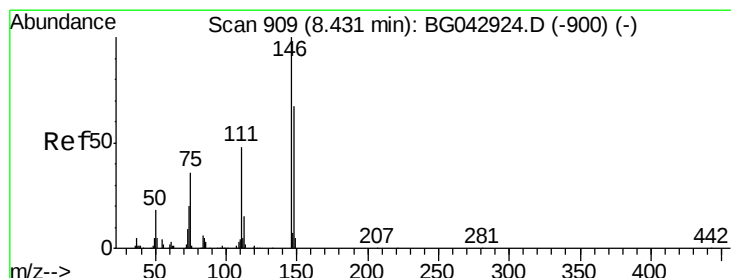
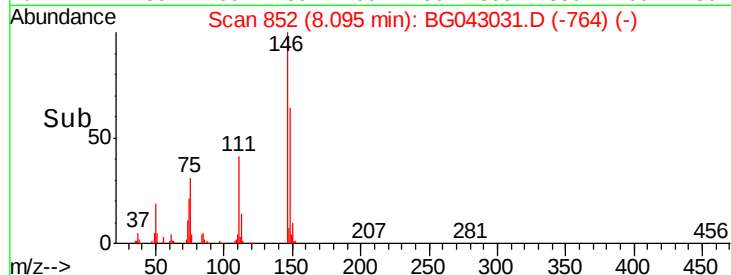
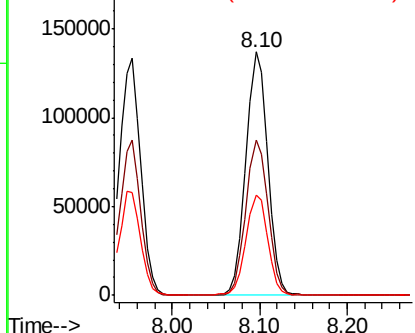
#13
 1,4-Dichlorobenzene
 Concen: 40.100 ng
 RT: 8.10 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Instrument :
 BNA_G
 ClientSampled :

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

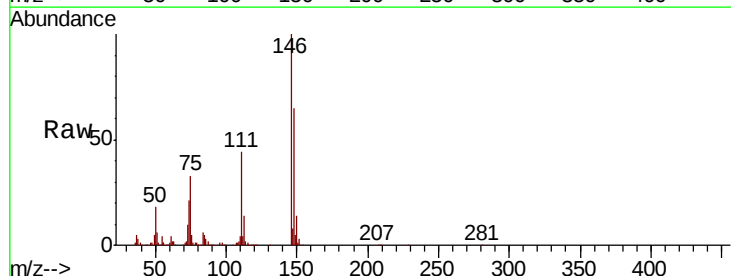


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

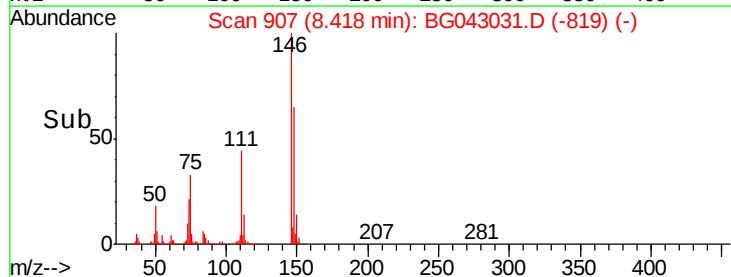
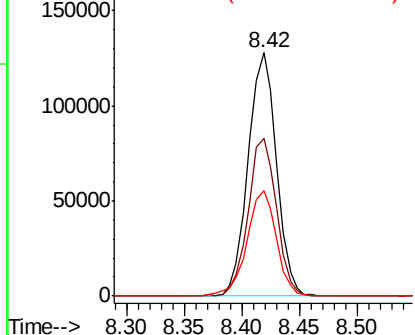


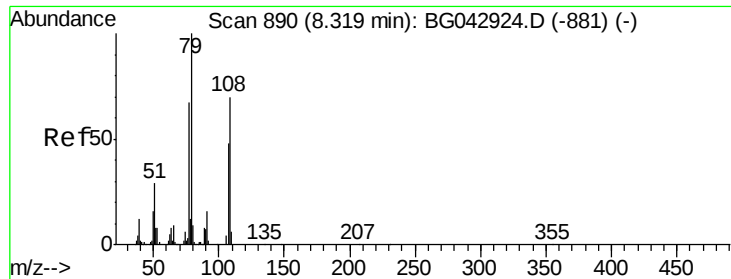
#14
 1,2-Dichlorobenzene
 Concen: 40.082 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

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



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 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 :

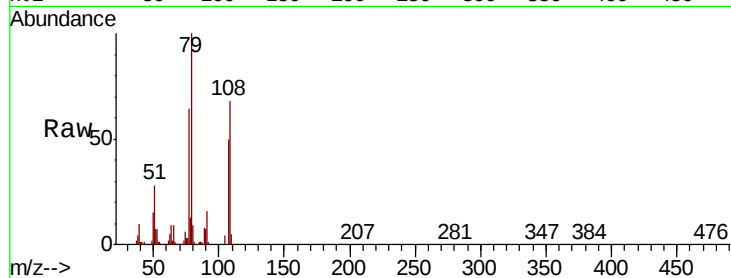
Tot Ion: 79 Resp: 203254

Ion Ratio Lower Upper

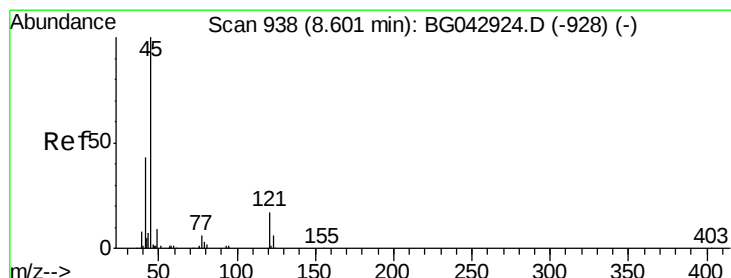
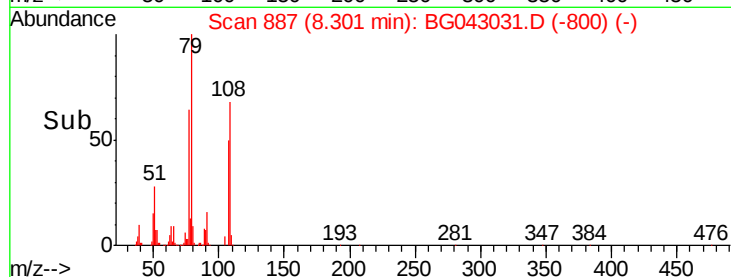
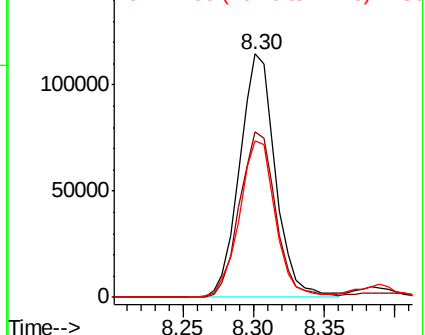
79 100

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

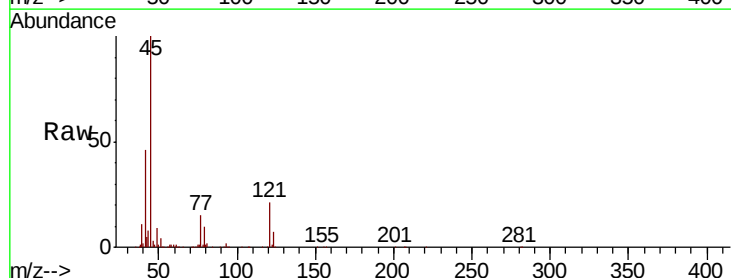
Tgt Ion: 45 Resp: 283761

Ion Ratio Lower Upper

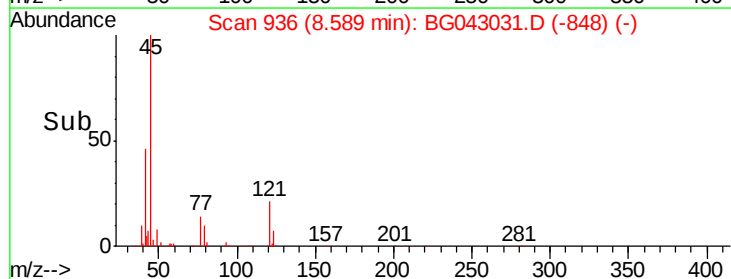
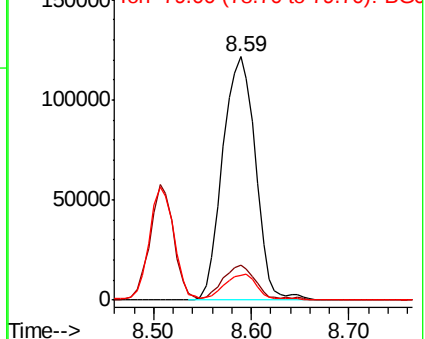
45 100

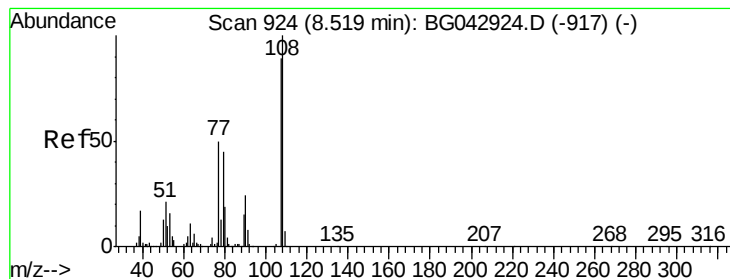
77 14.6 0.0 32.8

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 :

Tot Ion:107 Resp: 180705

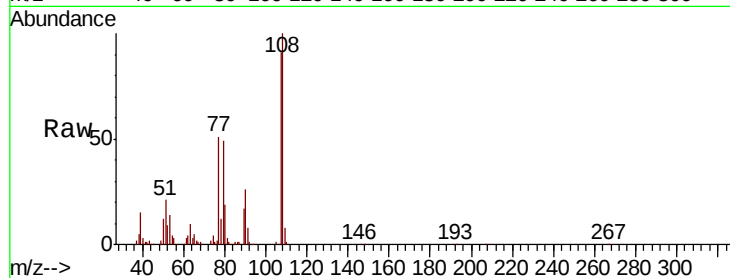
Ion Ratio Lower Upper

107 100

108 109.7 89.9 134.9

77 55.6 45.4 68.2

79 54.3 41.4 62.0

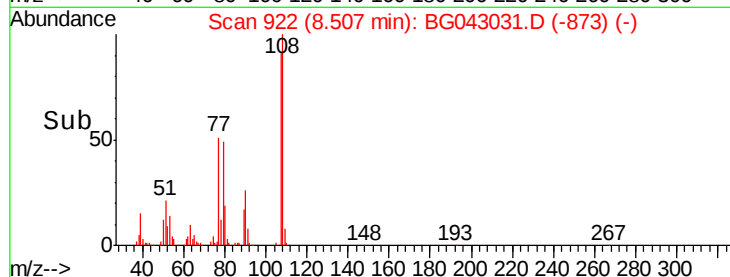


Abundance Ion 107.00 (106.70 to 107.70): E

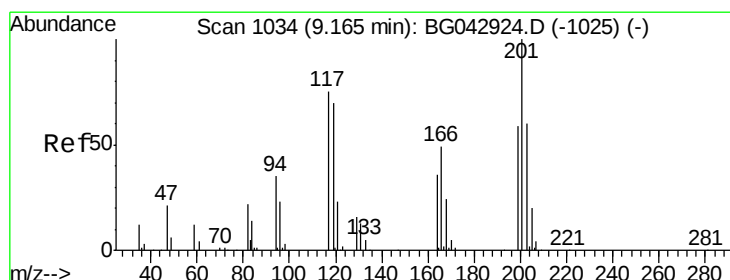
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



Time-->



#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

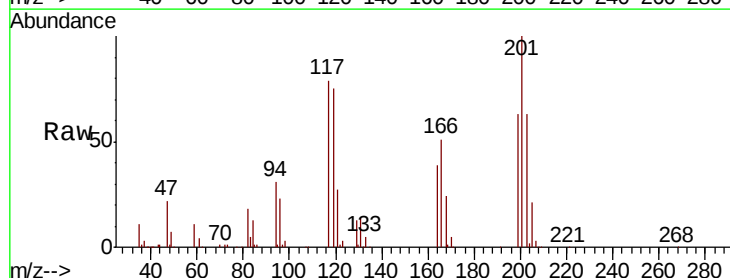
Tgt Ion:117 Resp: 84564

Ion Ratio Lower Upper

117 100

119 95.2 74.6 111.8

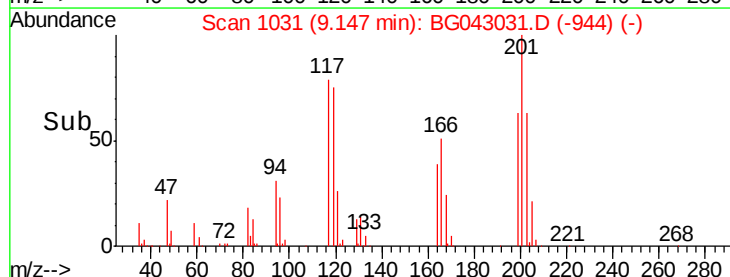
201 127.2 106.0 159.0



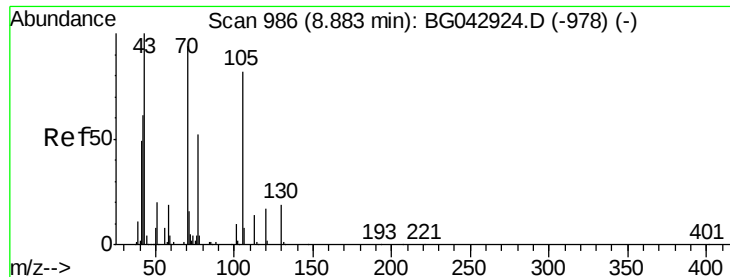
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



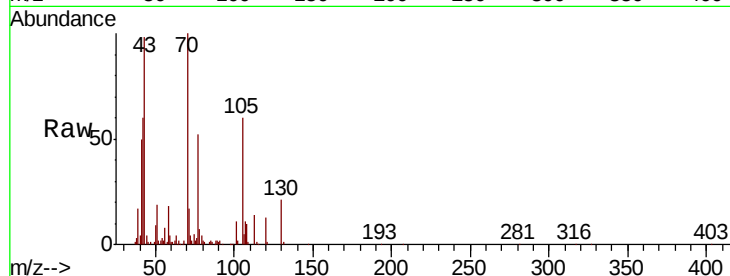
Time-->



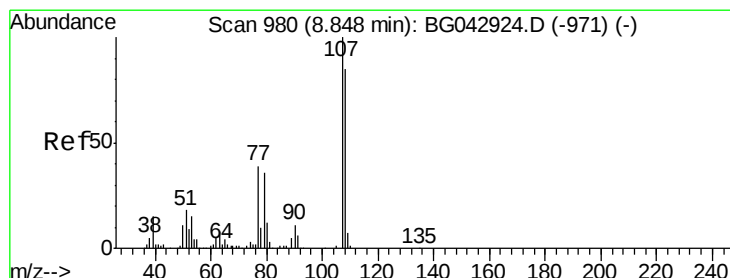
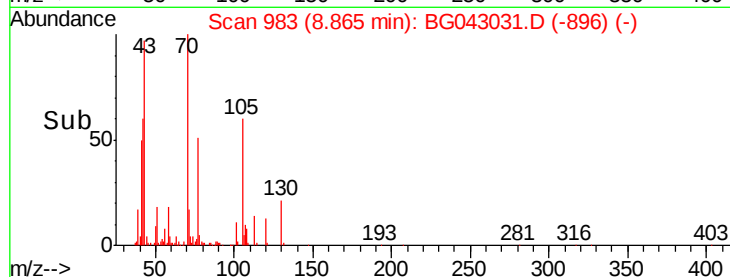
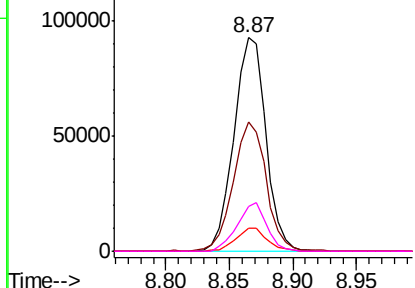
#19
n-Nitroso-di-n-propylamine
Concen: 39.472 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampled :

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

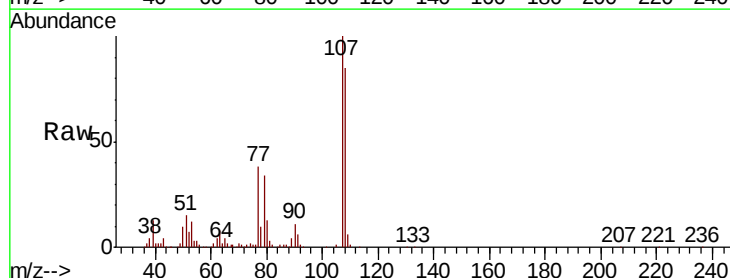


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

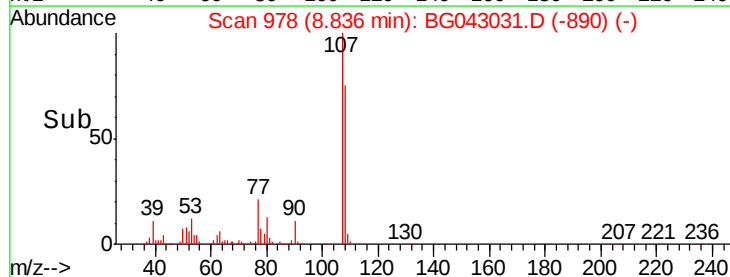
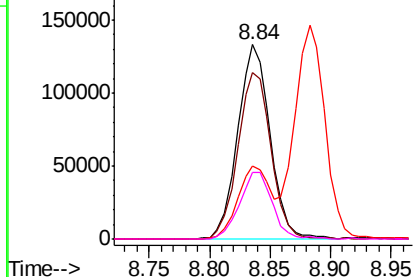


#20
3+4-Methylphenols
Concen: 45.426 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

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

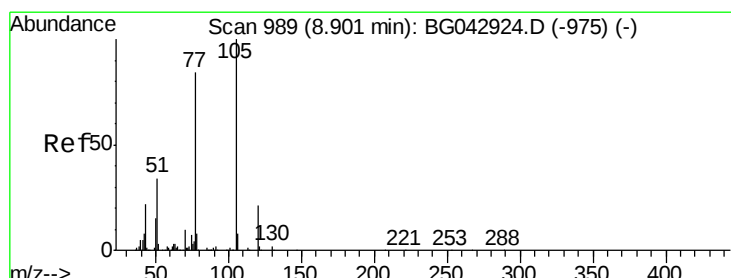
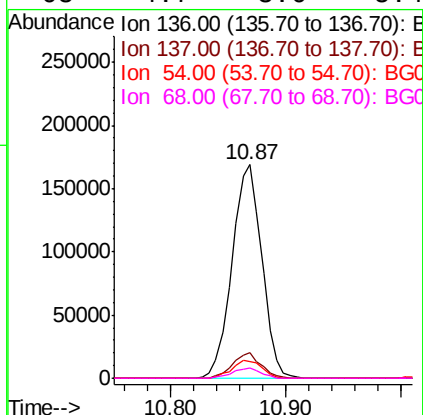
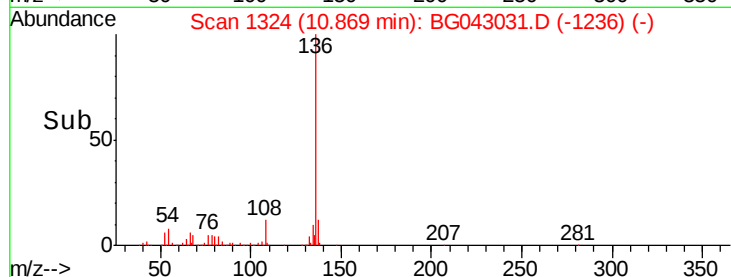
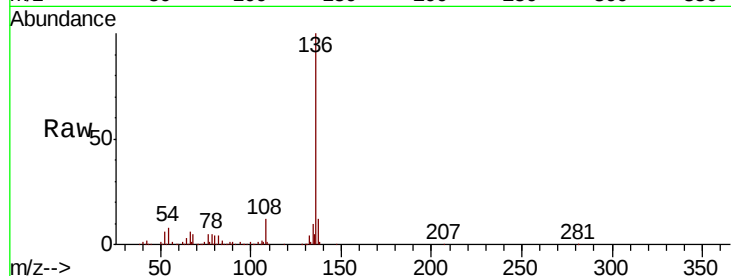




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

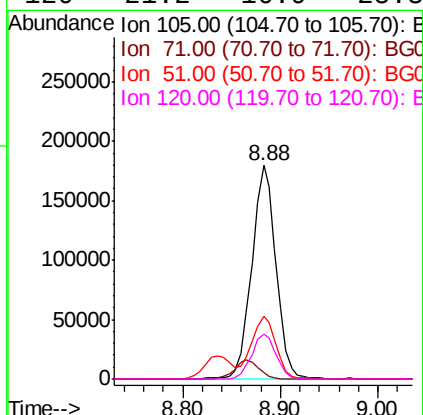
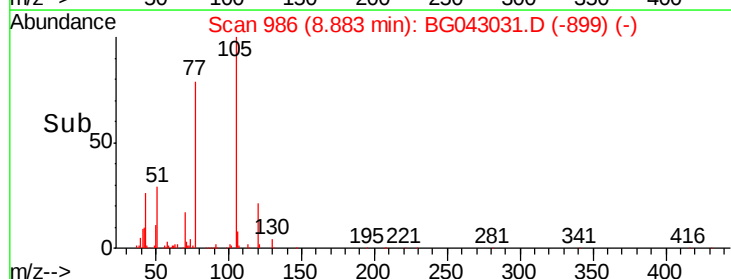
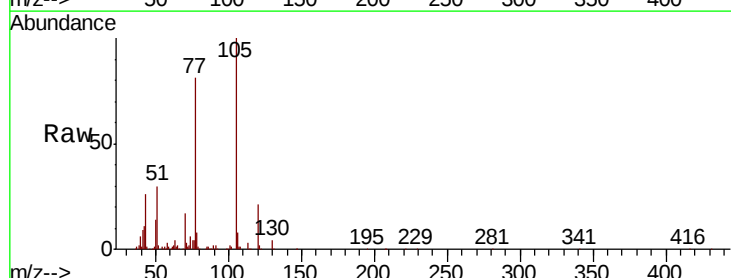
Instrument :
BNA_G
ClientSampleId :

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: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

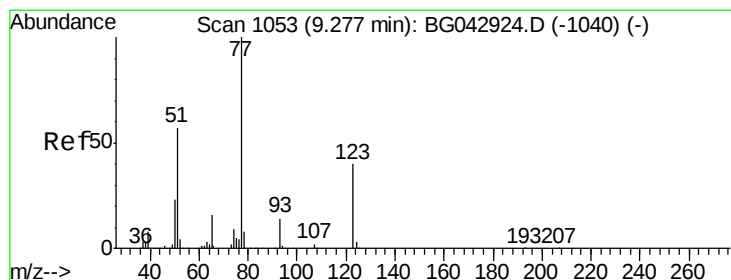
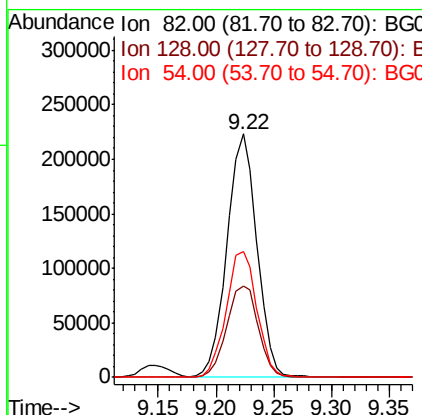
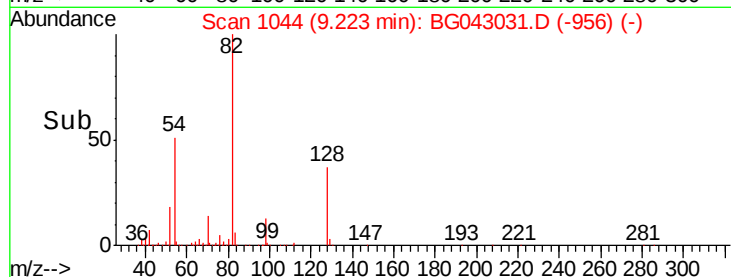
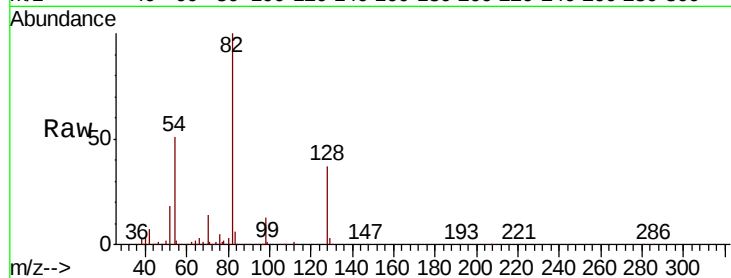




#23
 Nitrobenzene-d5
 Concen: 64.401 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

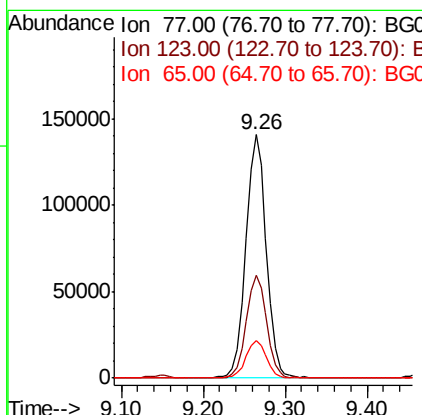
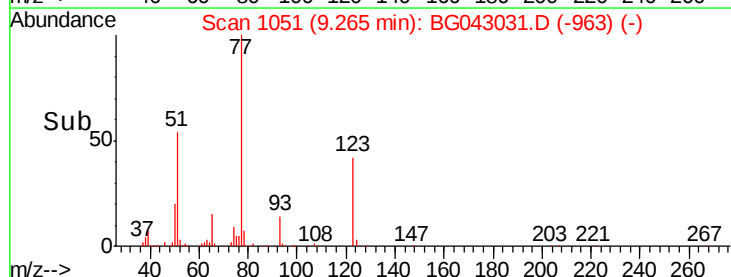
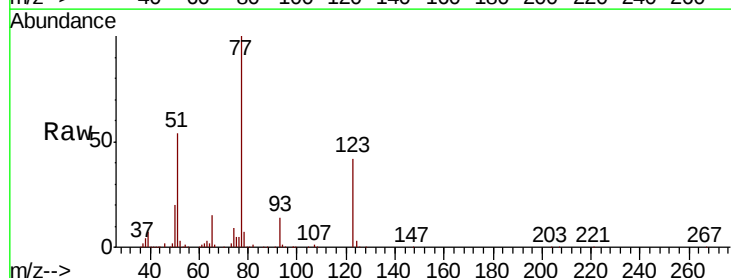
Instrument :
 BNA_G
 ClientSampleID :

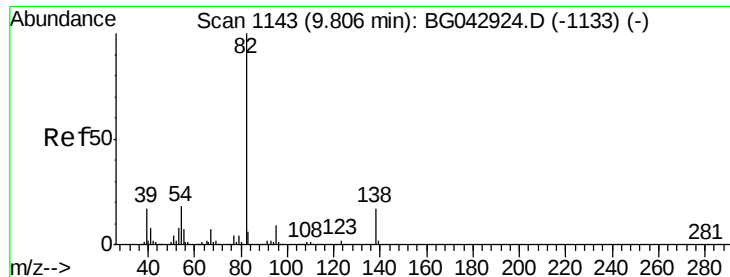
Tot Ion	82	Resp	398748
Ion Ratio	Lower	Upper	
82	100		
128	37.5	29.5	44.3
54	51.5	44.6	67.0



#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	77	Resp	244256
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 :

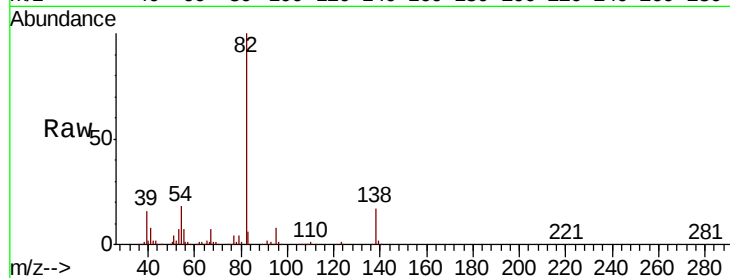
Tot Ion: 82 Resp: 449233

Ion Ratio Lower Upper

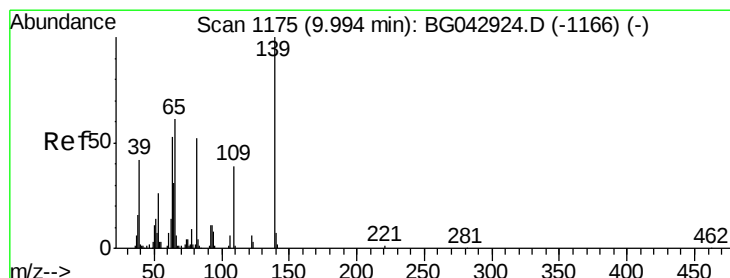
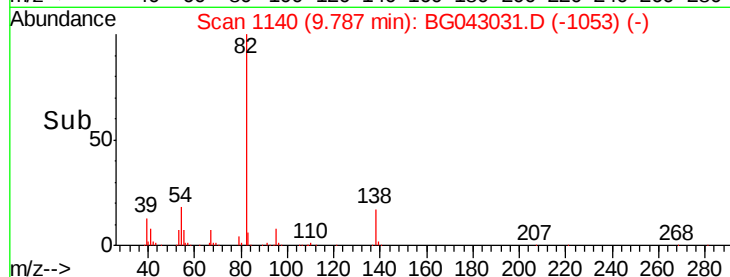
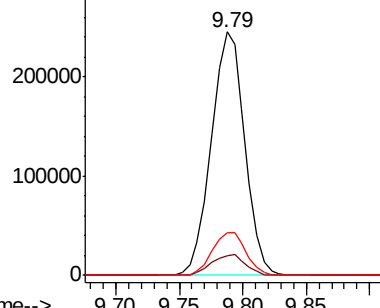
82 100

95 8.1 7.0 10.4

138 17.4 13.8 20.6



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



#26

2-Nitrophenol

Concen: 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

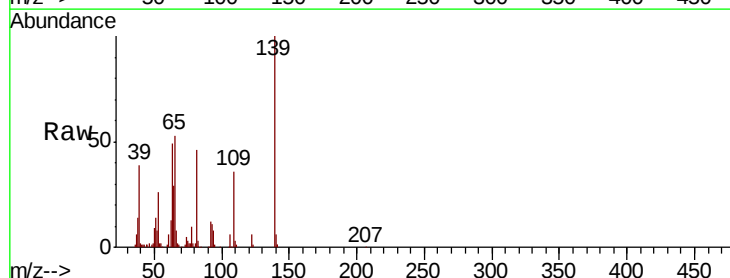
Tgt Ion: 139 Resp: 118856

Ion Ratio Lower Upper

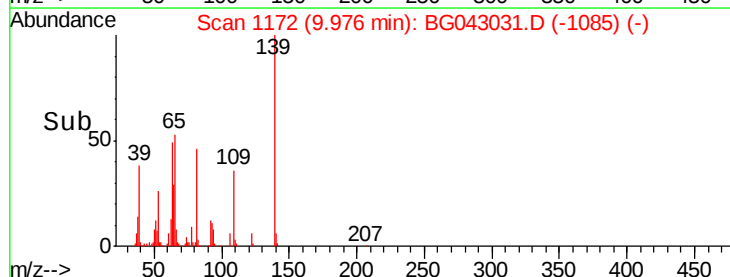
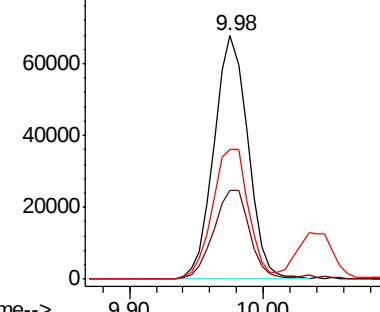
139 100

109 36.3 31.0 46.6

65 53.0 48.4 72.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 50.939 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 :

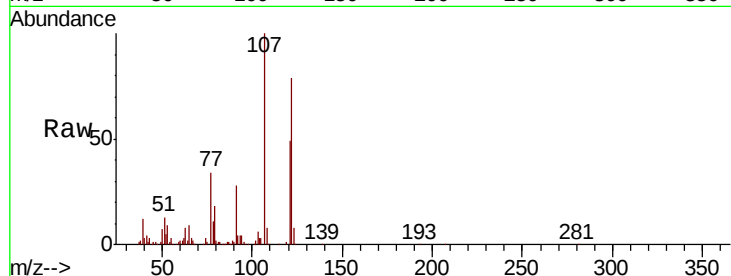
Tot Ion:122 Resp: 196678

Ion Ratio Lower Upper

122 100

107 126.9 102.2 153.2

121 62.2 48.5 72.7

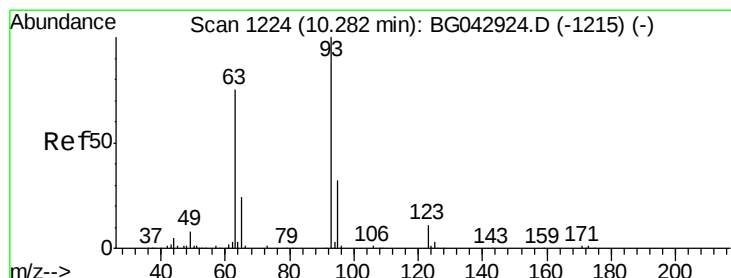
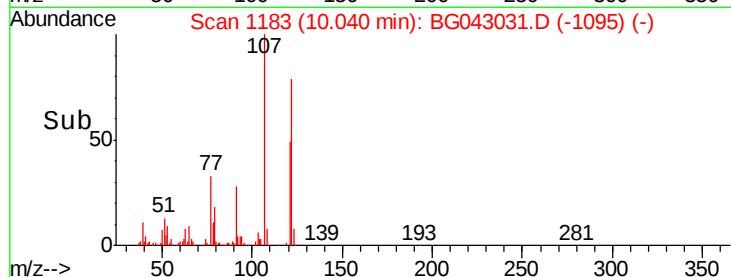
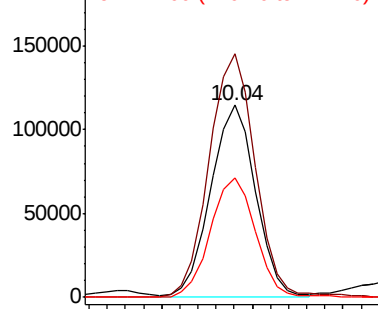


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 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

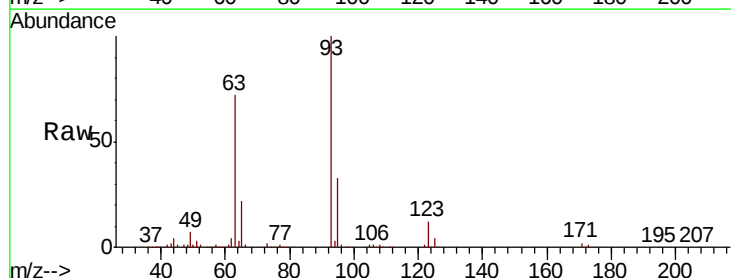
Tgt Ion: 93 Resp: 251439

Ion Ratio Lower Upper

93 100

95 33.3 25.4 38.0

123 11.5 9.3 13.9

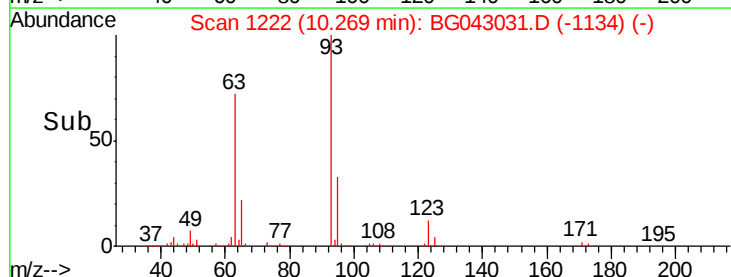
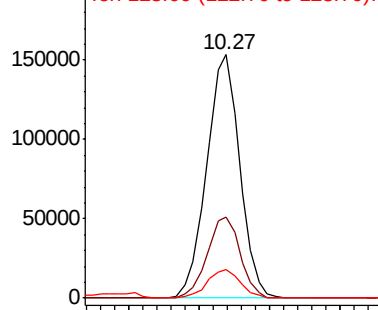


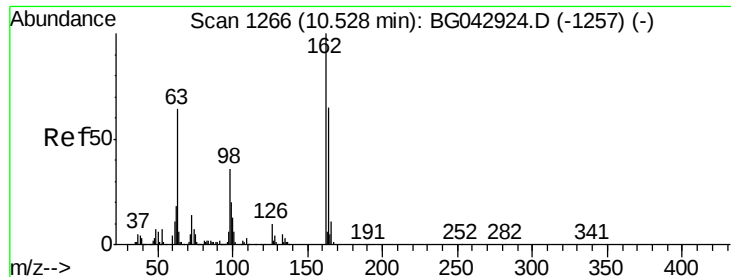
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

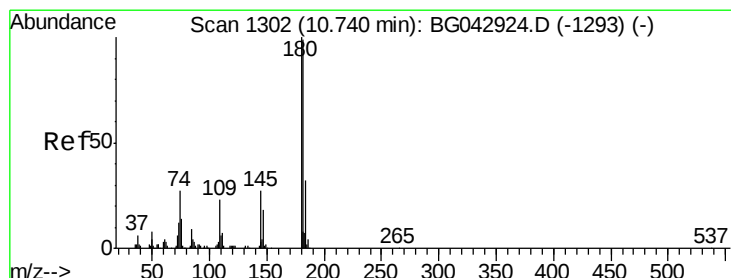
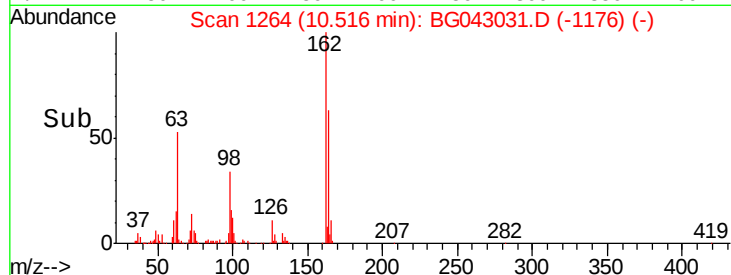
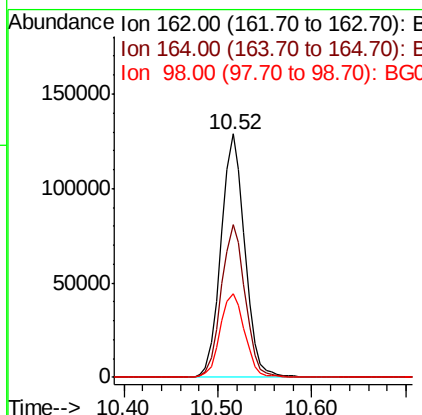
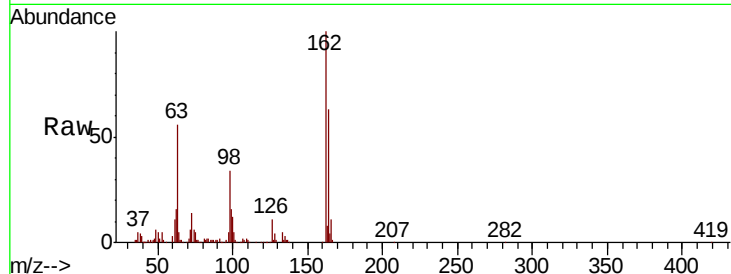




#29
 2,4-Dichlorophenol
 Concen: 47.359 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

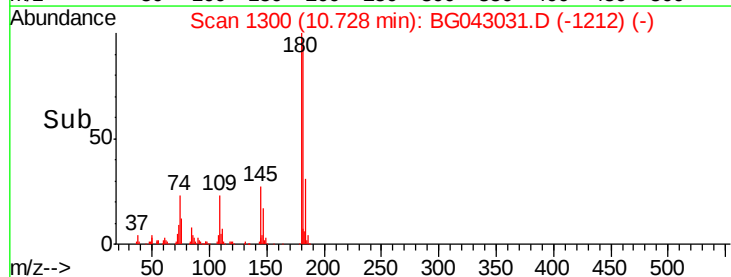
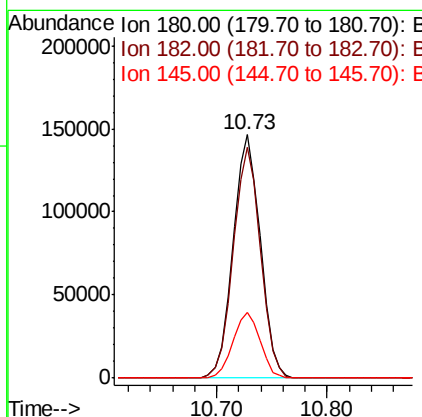
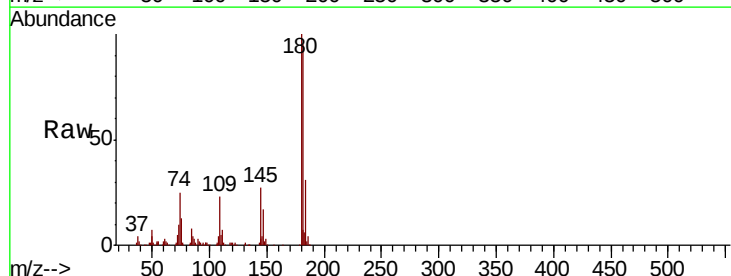
Instrument :
 BNA_G
 ClientSampleId :

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

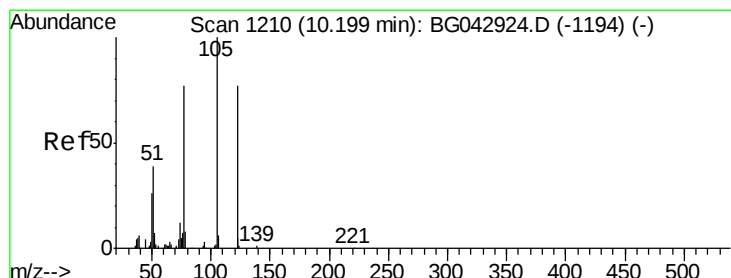
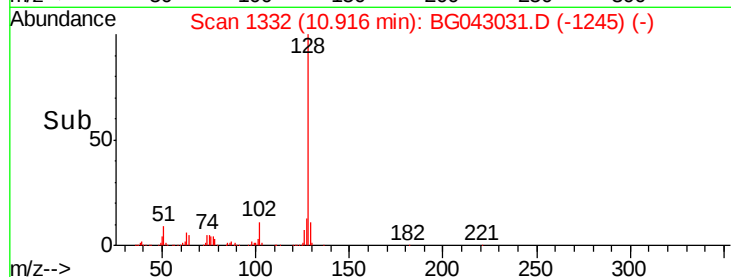
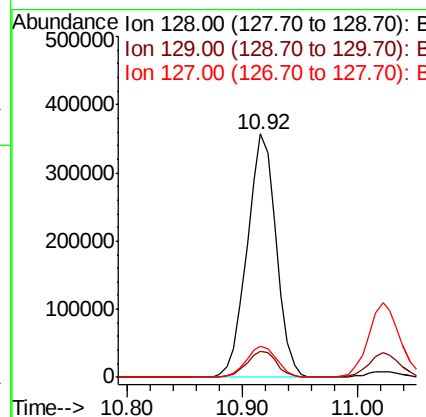
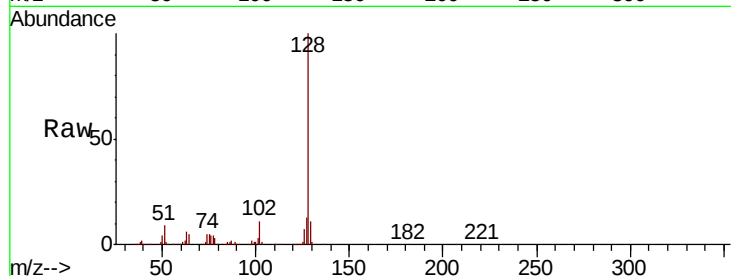




#31
Naphthalene
Concen: 42.131 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

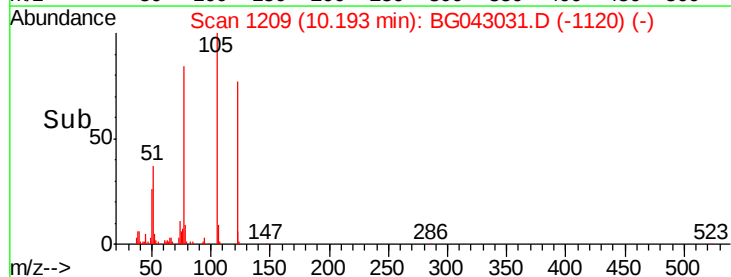
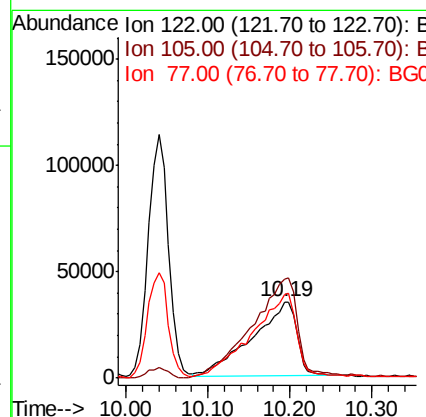
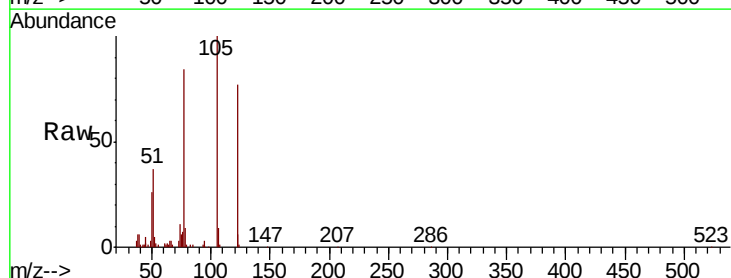
Instrument :
BNA_G
ClientSampleId :

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

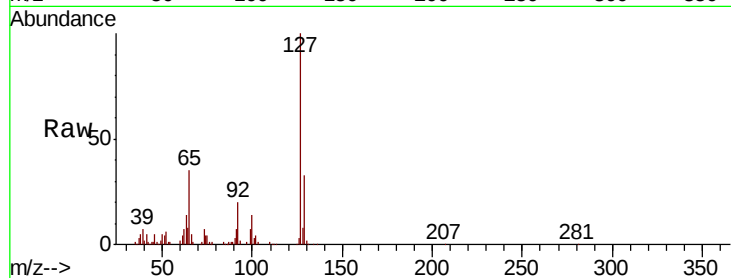




#33
4-Chloroaniline
Concen: 32.787 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :

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



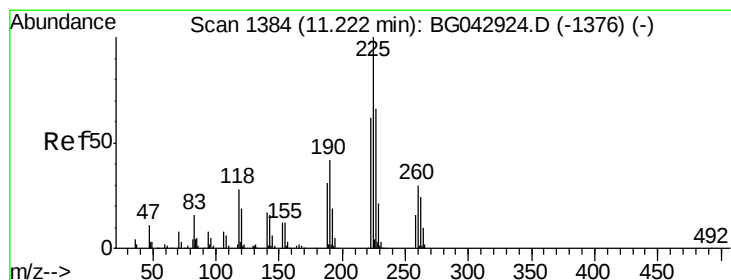
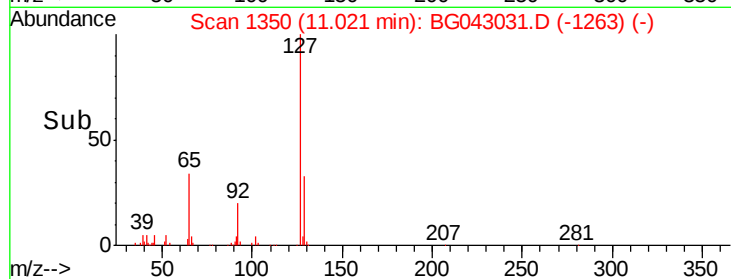
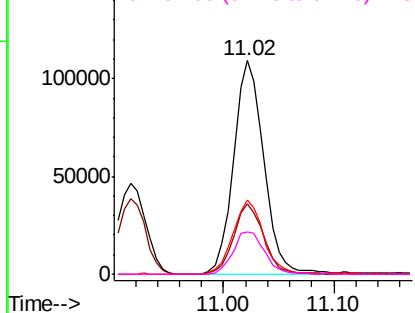
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

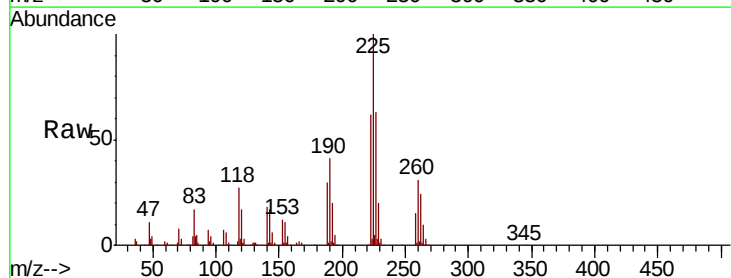
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#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

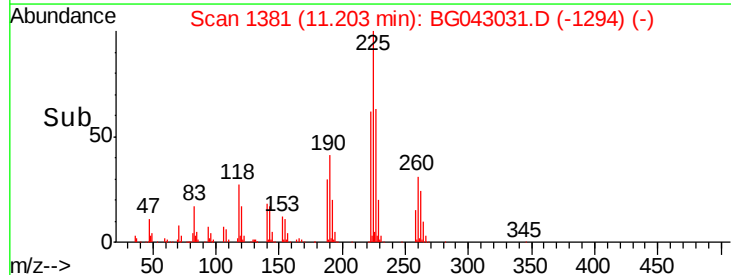
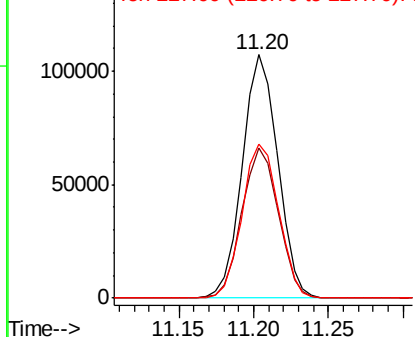


Abundance

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

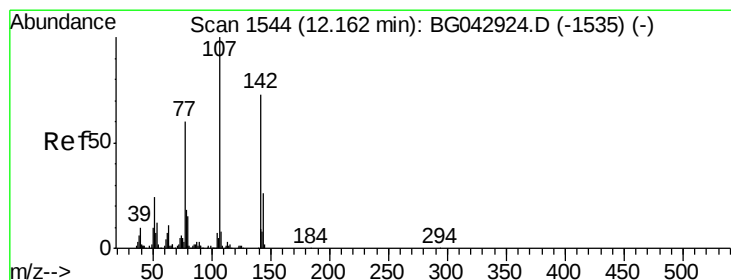
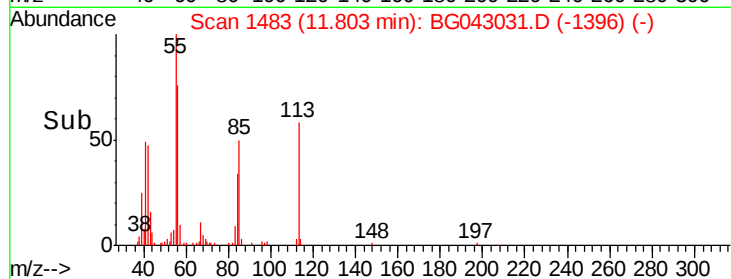
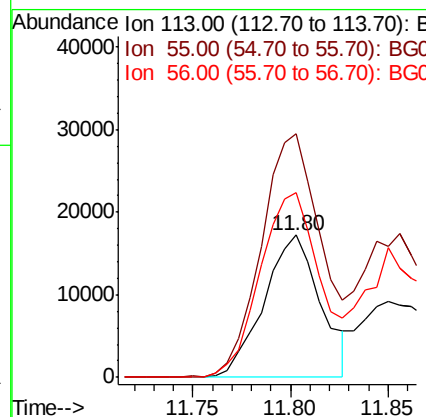
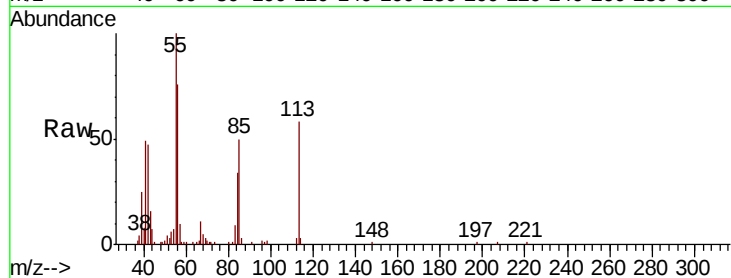




#35
 Caprolactam
 Concen: 20.354 ng
 RT: 11.80 min Scan# 1483
 Delta R.T. -0.02 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

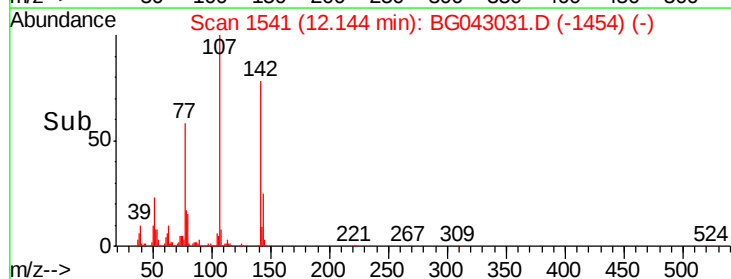
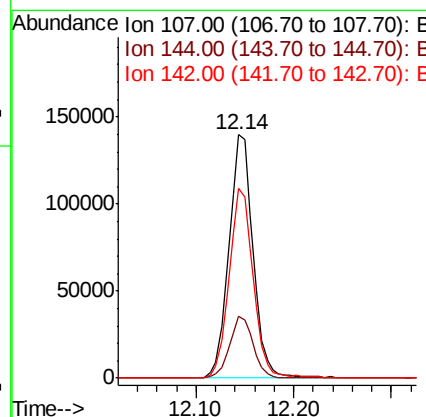
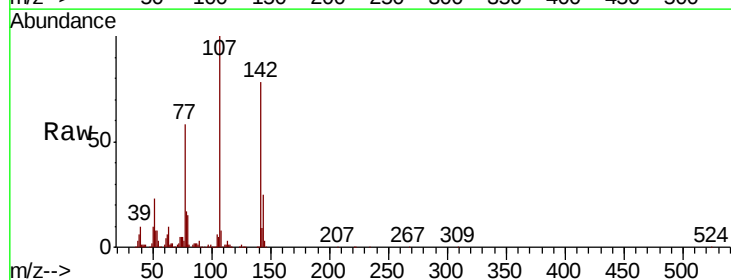
Instrument :
 BNA_G
 ClientSampleId :

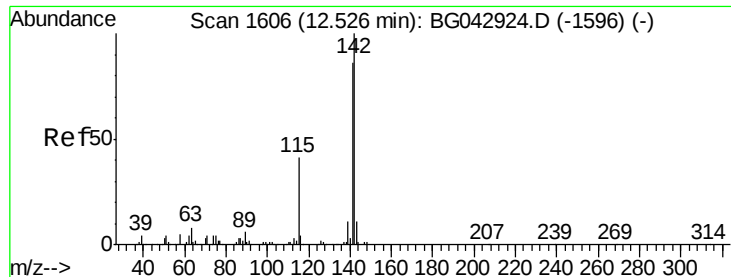
Tot Ion:113 Resp: 34467
 Ion Ratio Lower Upper
 113 100
 55 171.5 175.5 215.5#
 56 129.9 142.3 182.3#



#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

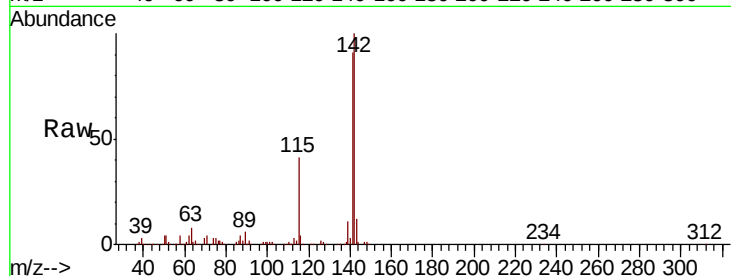




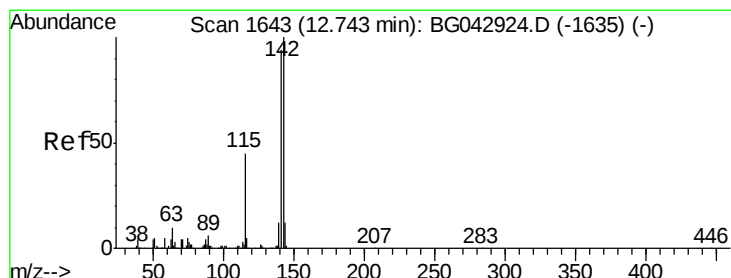
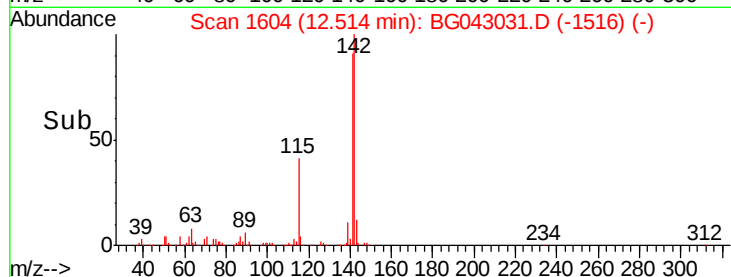
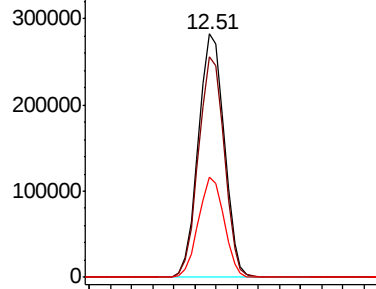
#37
2-Methylnaphthalene
Concen: 42.461 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	69.0	103.4
115	40.9	32.8	49.2

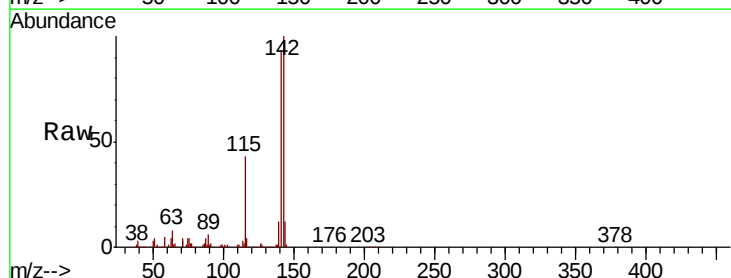


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

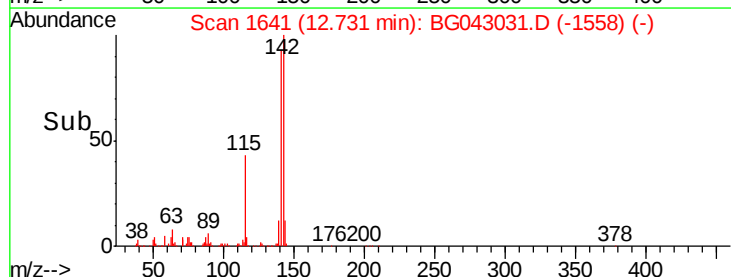
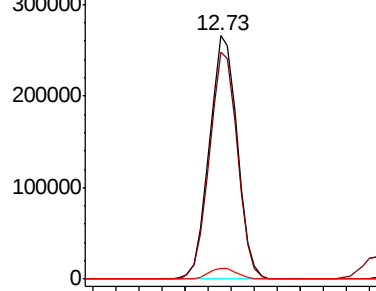


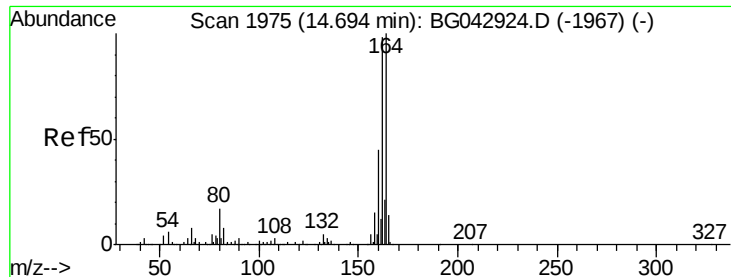
#38
1-Methylnaphthalene
Concen: 41.736 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	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 :

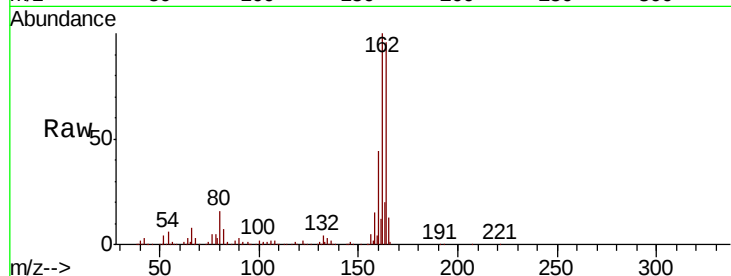
Tot Ion:164 Resp: 211330

Ion Ratio Lower Upper

164 100

162 104.6 78.5 117.7

160 45.6 35.9 53.9

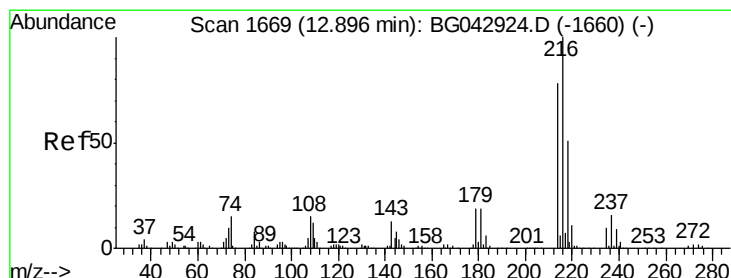
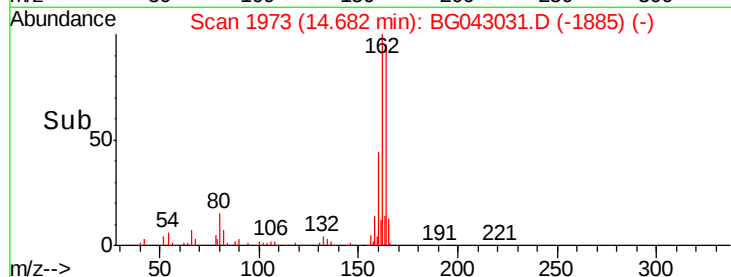
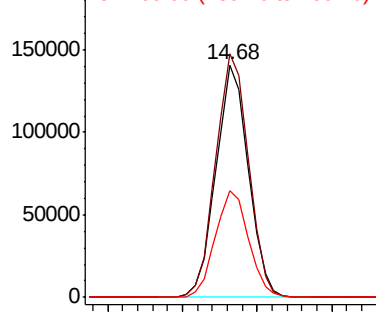


Abundance

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

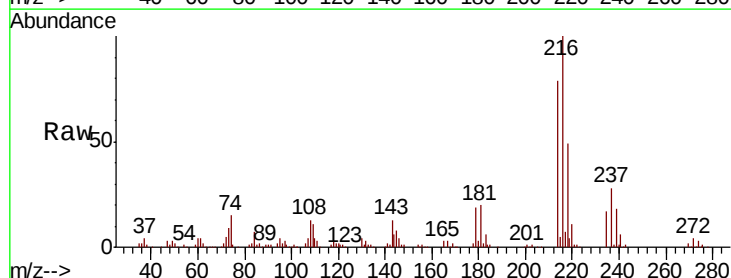
Ion Ratio Lower Upper

216 100

214 78.9 62.4 93.6

179 20.0 15.4 23.2

108 16.7 12.6 19.0



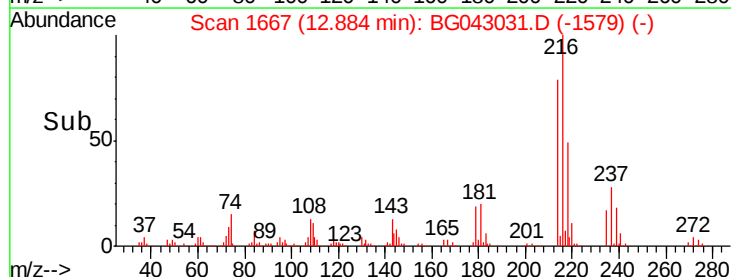
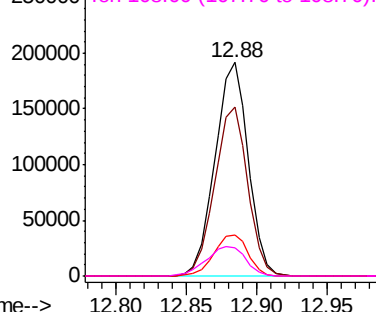
Abundance

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

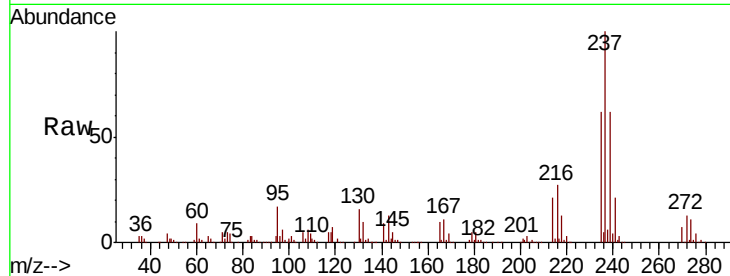




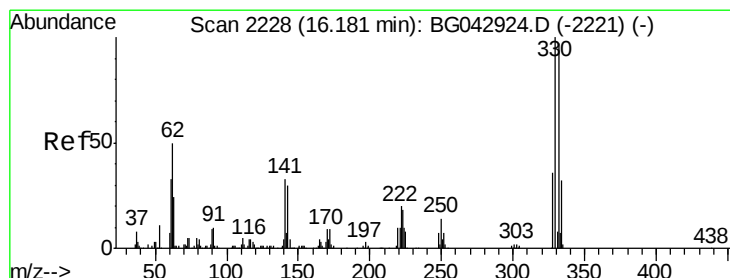
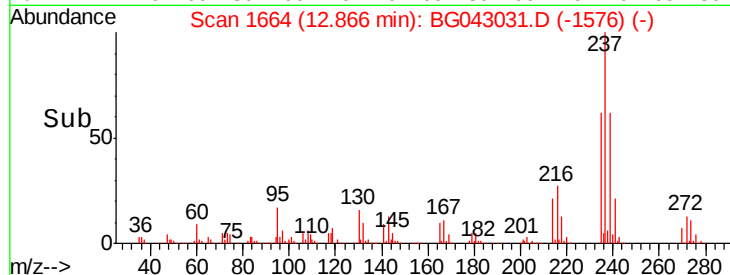
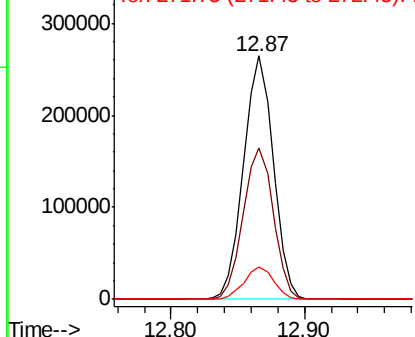
#41
Hexachlorocyclopentadiene
Concen: 80.367 ng
RT: 12.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :

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

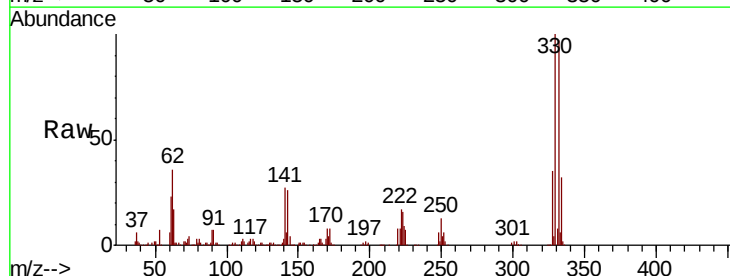


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

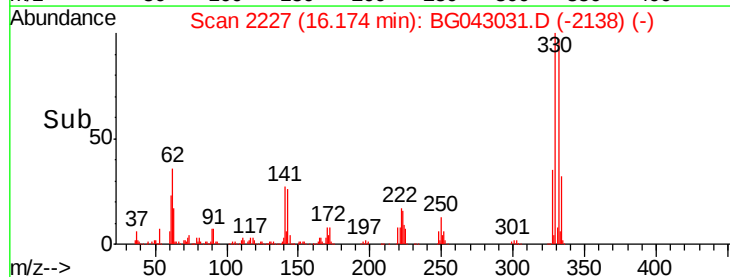
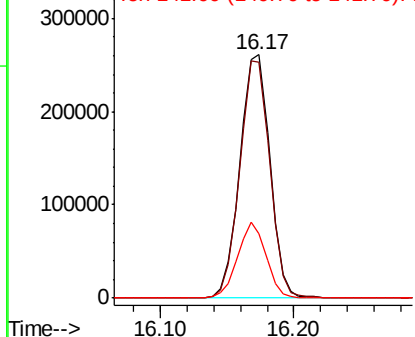


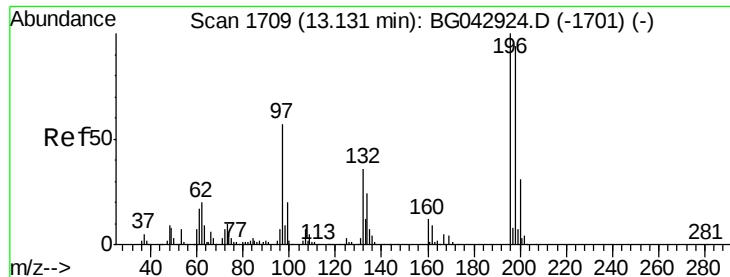
#42
2,4,6-Tribromophenol
Concen: 111.532 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

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

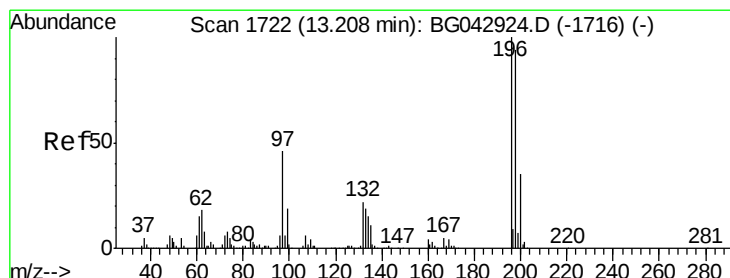
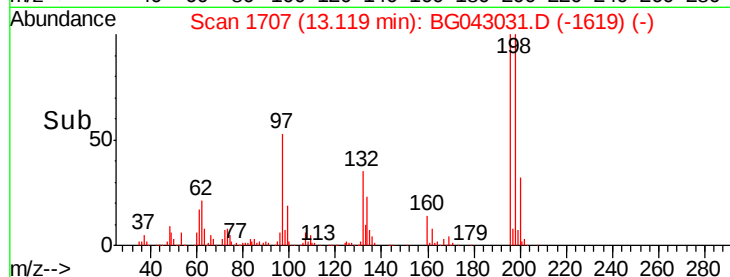
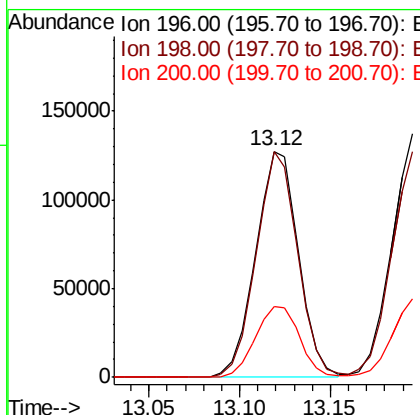
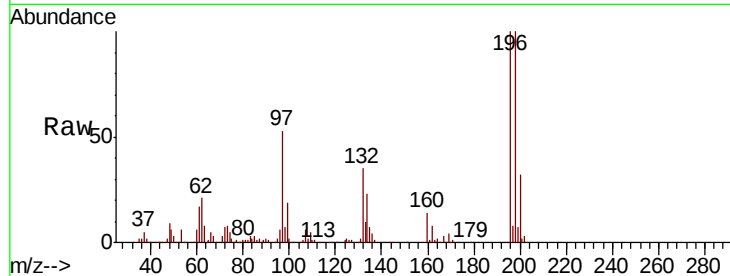




#43
 2,4,6-Trichlorophenol
 Concen: 44.776 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

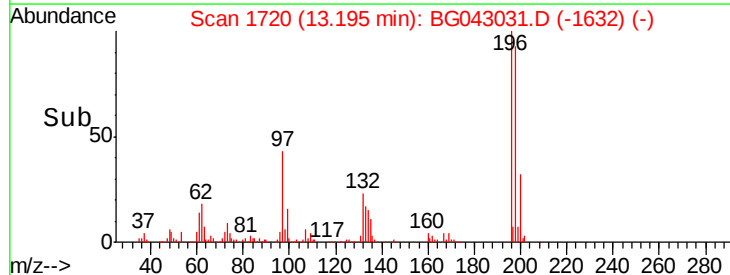
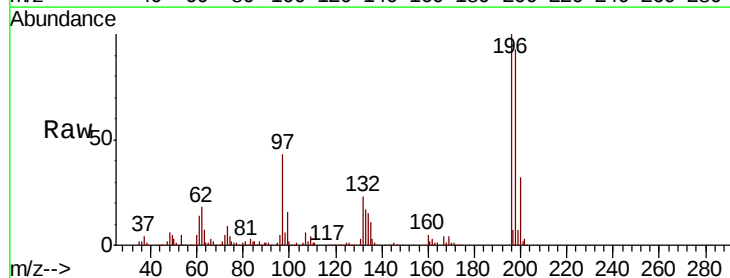
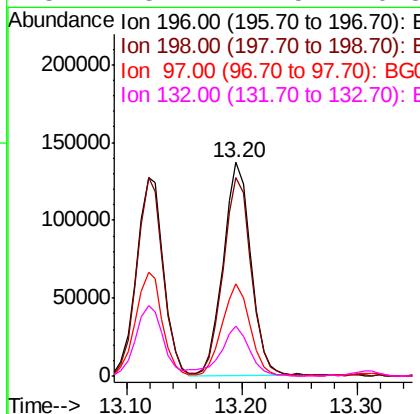
Instrument :
 BNA_G
 ClientSampleId :

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

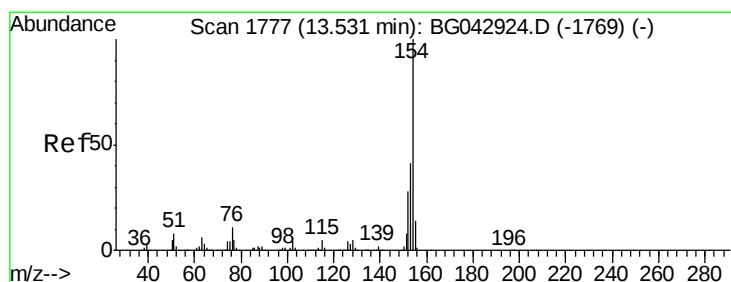
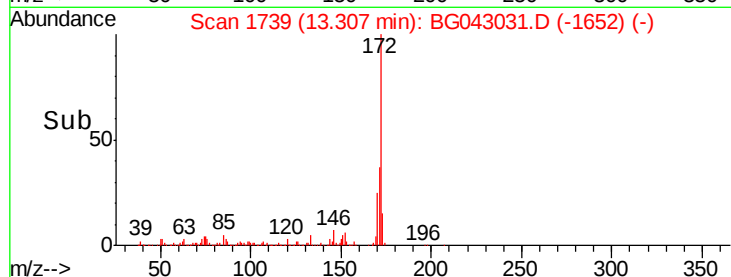
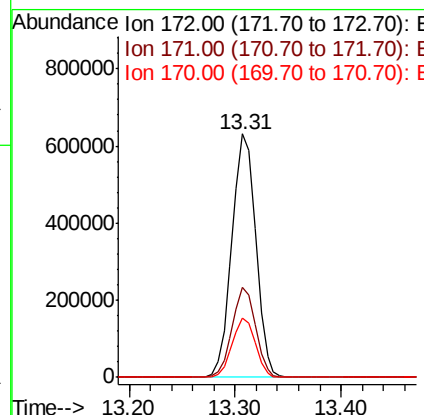
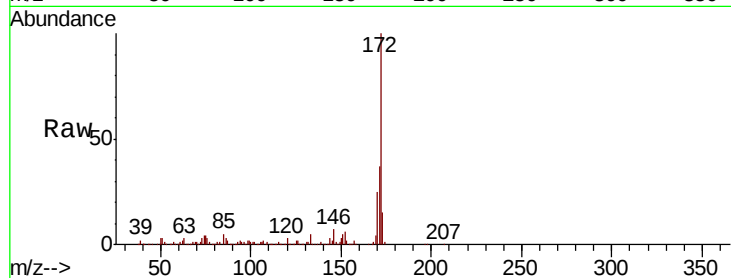




#45
2-Fluorobiphenyl
Concen: 67.658 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

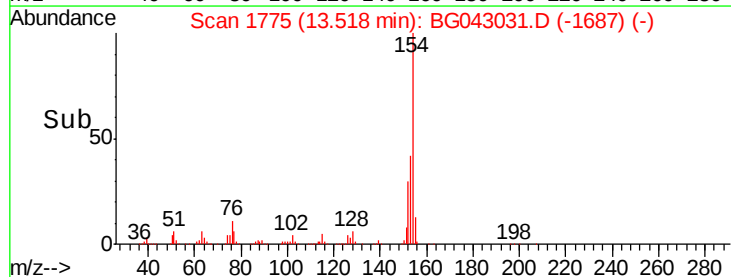
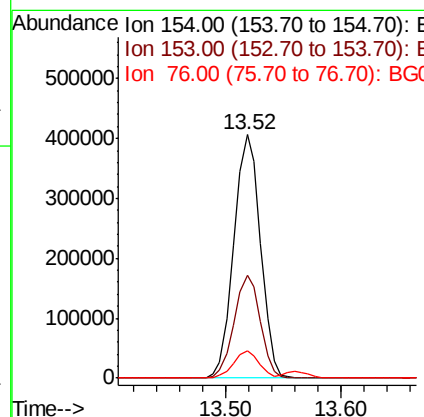
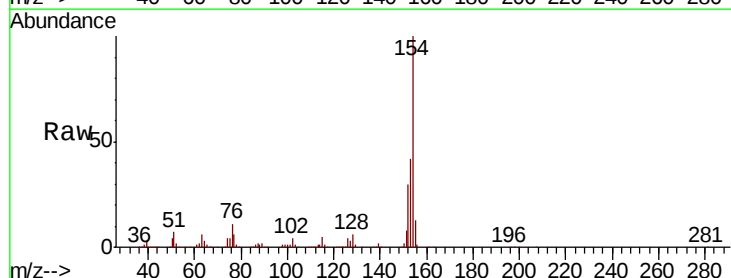
Instrument :
BNA_G
ClientSampleId :

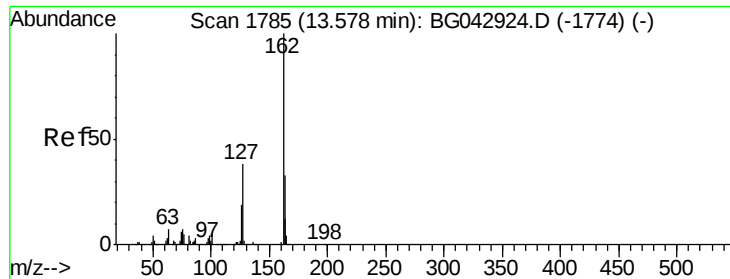
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.5	19.6	29.4



#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

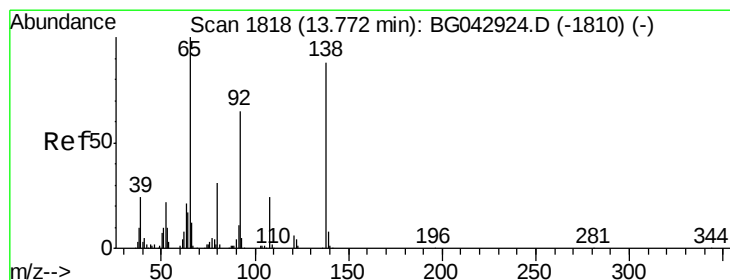
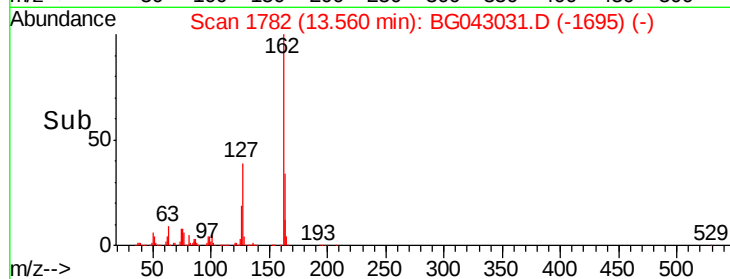
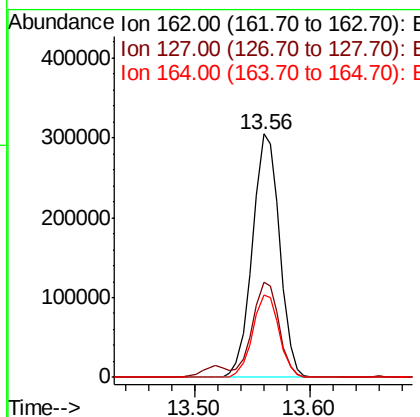
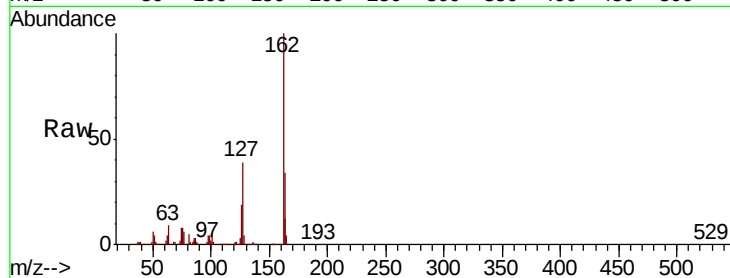




#47
2-Chloronaphthalene
Concen: 41.614 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

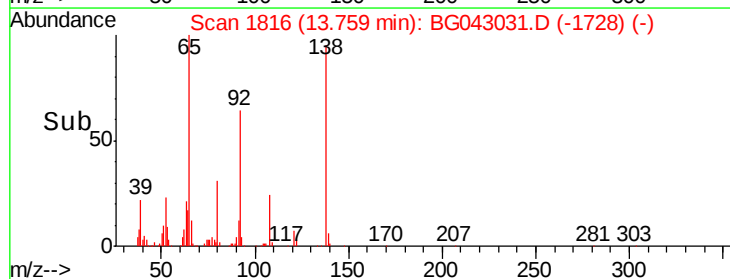
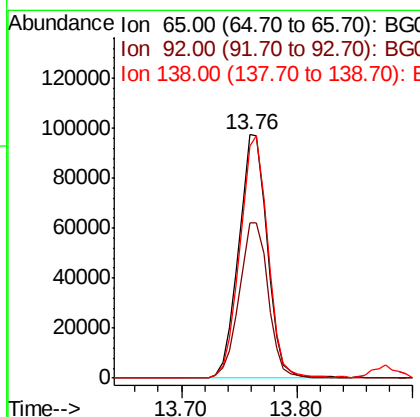
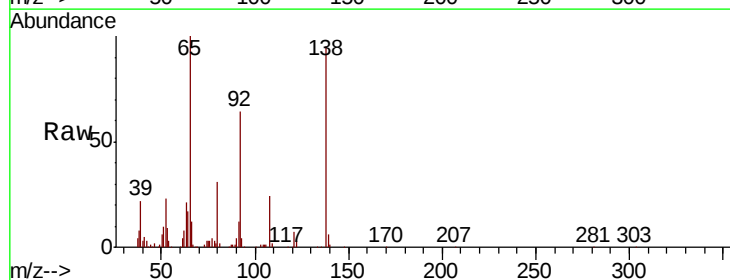
Instrument :
BNA_G
ClientSampleId :

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 :

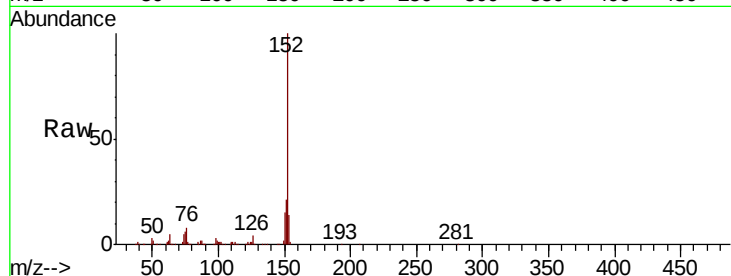
Tot Ion:152 Resp: 797926

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2

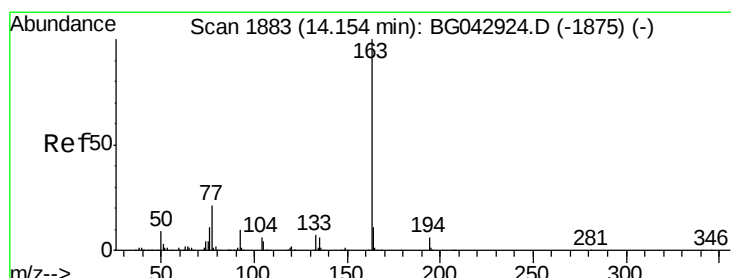
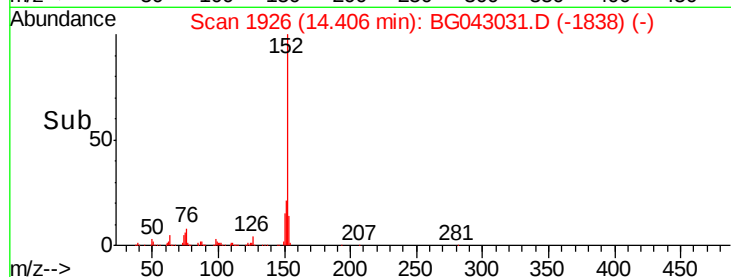
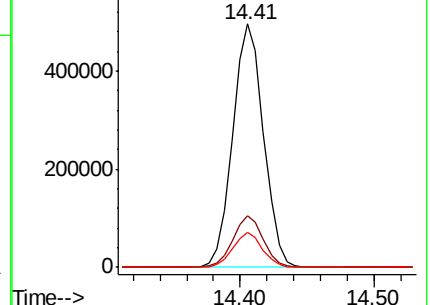
153 14.2 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 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

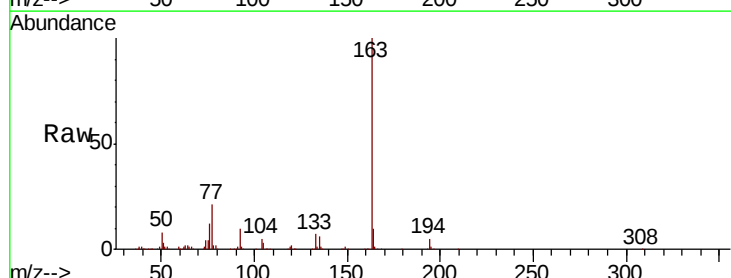
Tgt Ion:163 Resp: 666108

Ion Ratio Lower Upper

163 100

194 4.8 4.4 6.6

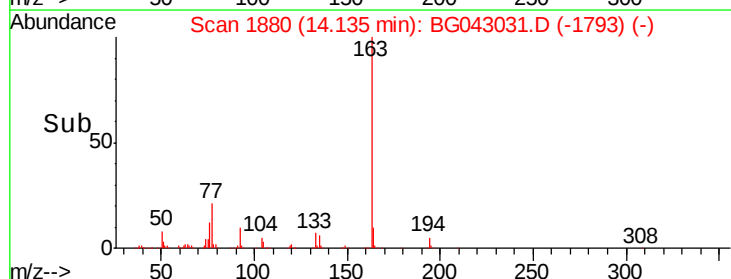
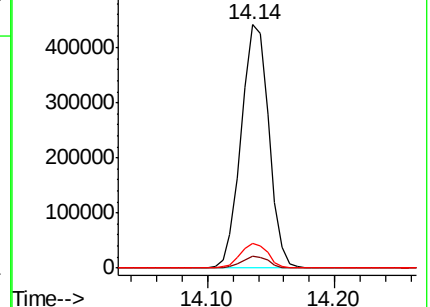
164 10.1 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

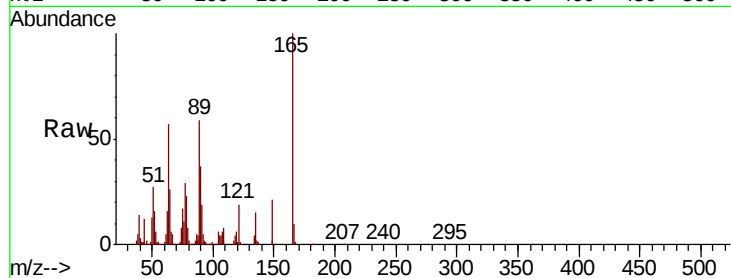




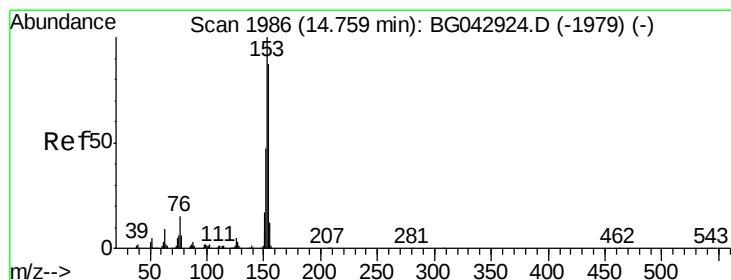
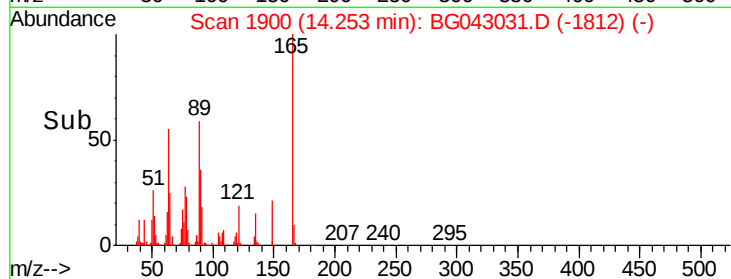
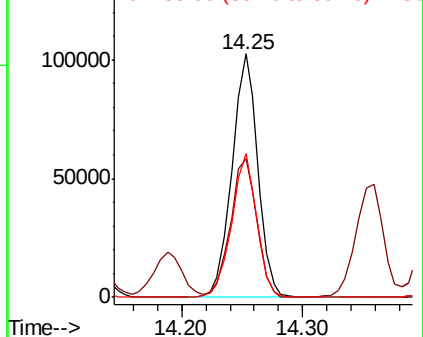
#51
 2,6-Dinitrotoluene
 Concen: 45.027 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Instrument :
 BNA_G
 ClientSampleId :

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

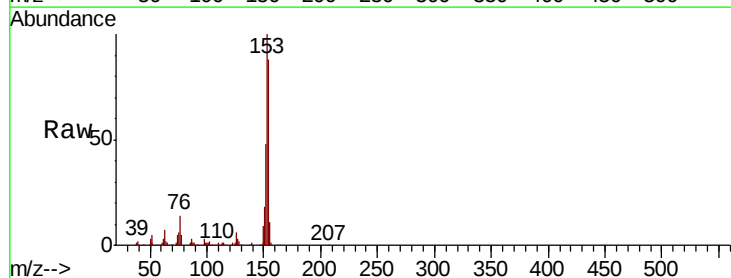


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

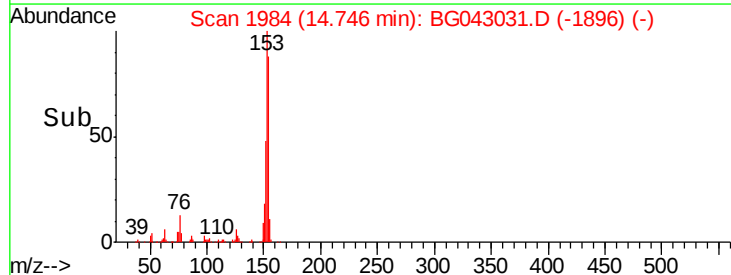
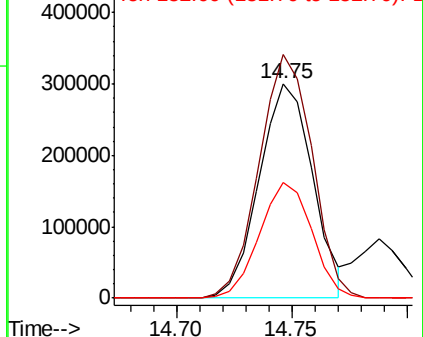


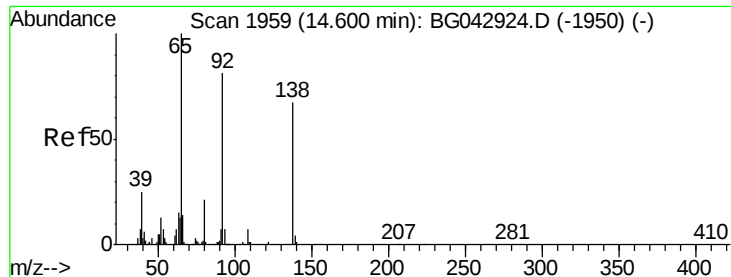
#52
 Acenaphthene
 Concen: 39.202 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

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 :

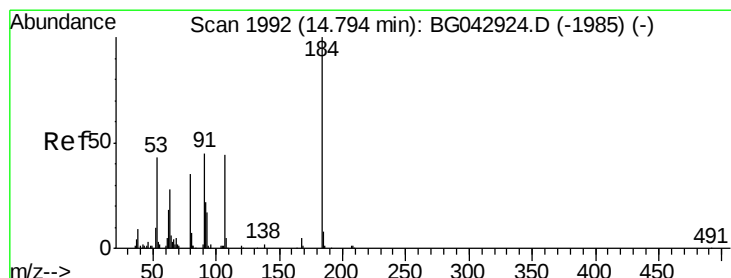
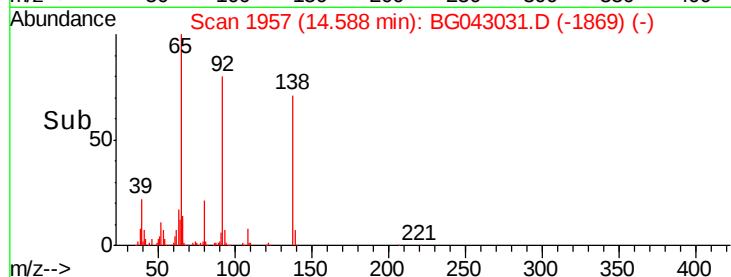
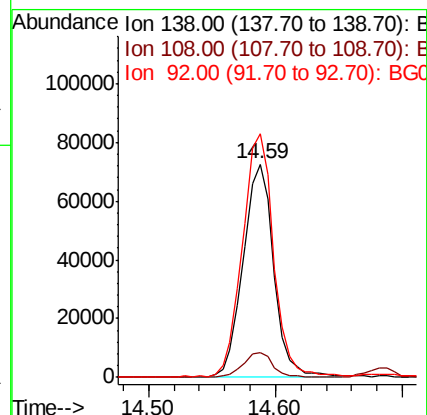
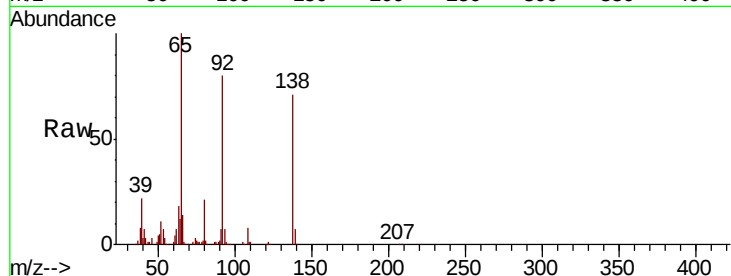
Tot Ion:138 Resp: 121559

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

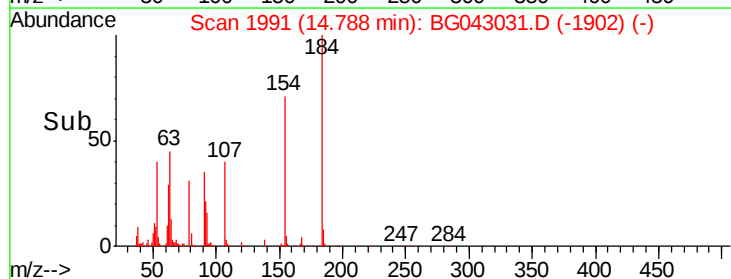
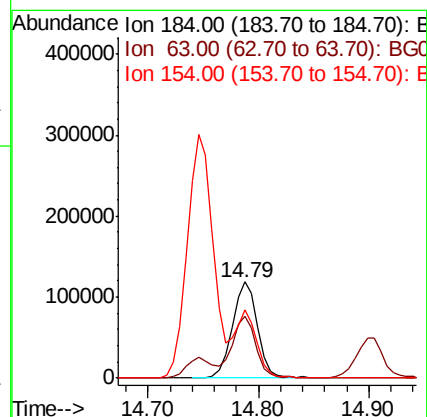
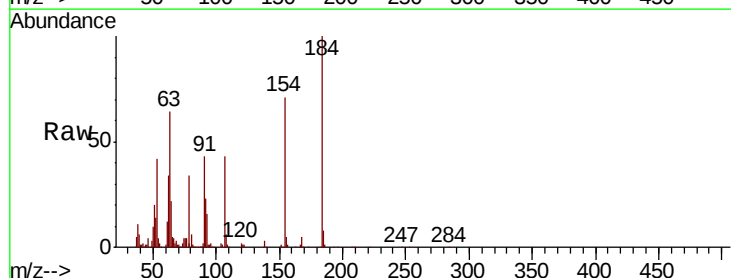
Tgt Ion:184 Resp: 189272

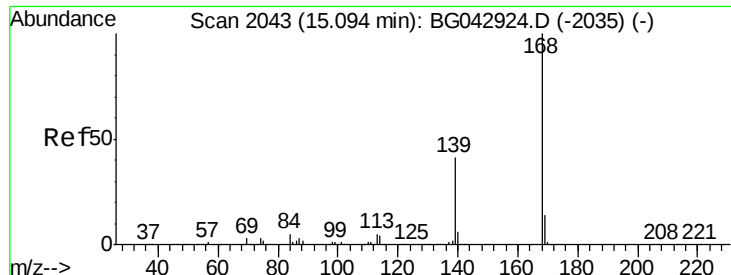
Ion Ratio Lower Upper

184 100

63 64.3 55.0 82.6

154 70.6 56.5 84.7

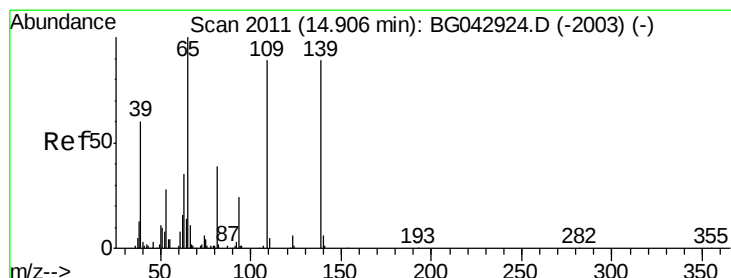
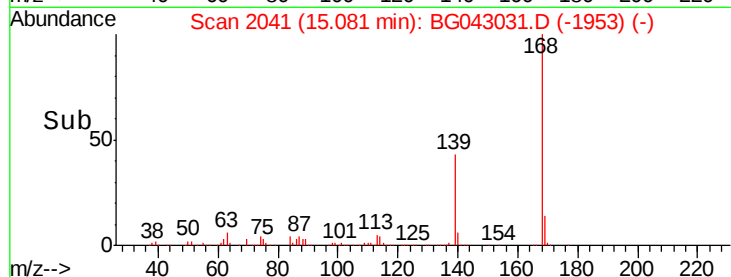
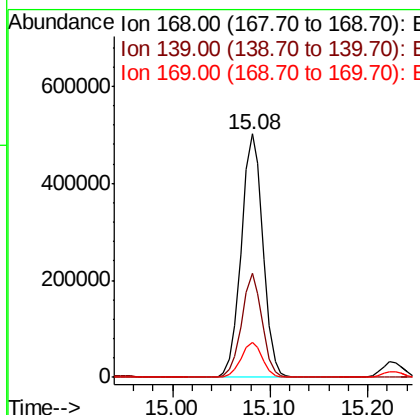
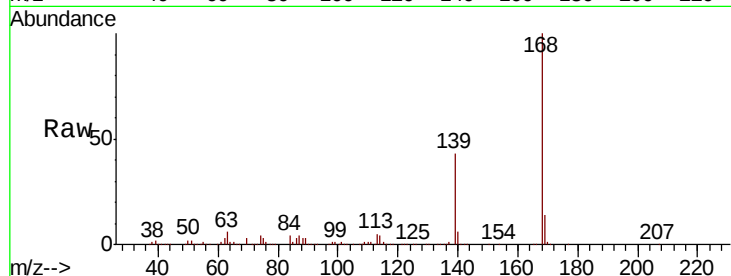




#55
Dibenzofuran
Concen: 42.190 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

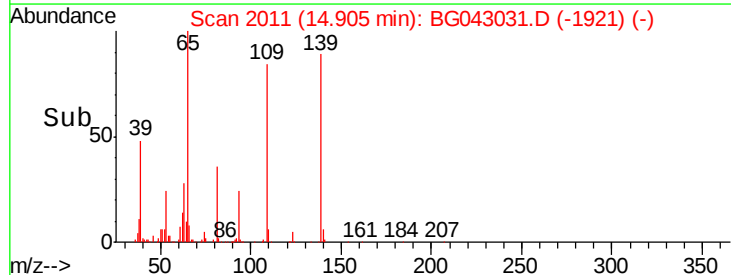
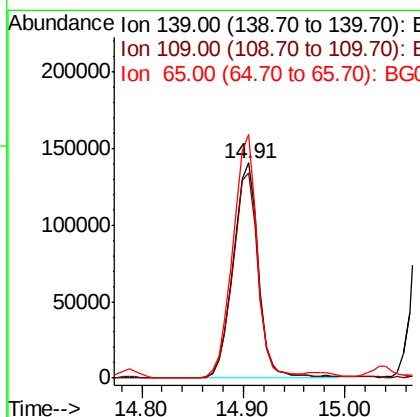
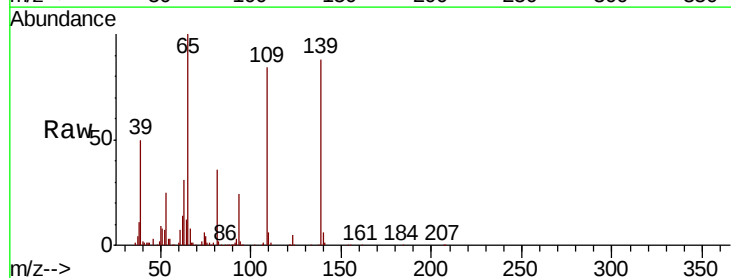
Instrument :
BNA_G
ClientSampleId :

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

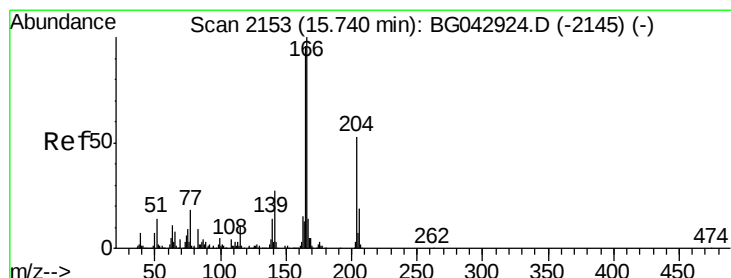
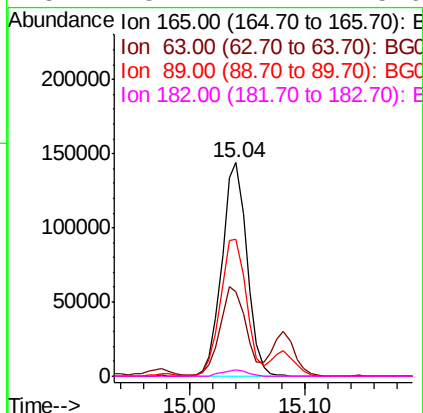
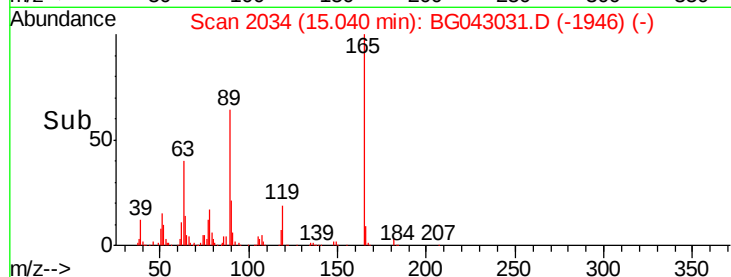
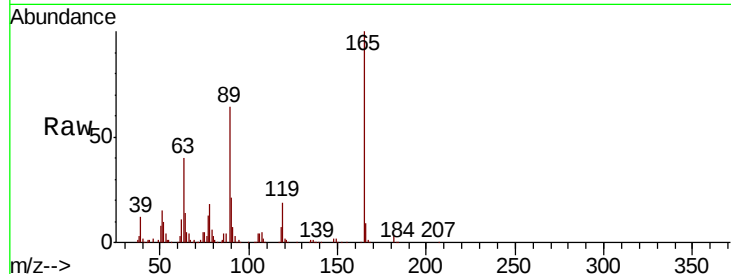




#57
 2,4-Dinitrotoluene
 Concen: 43.978 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

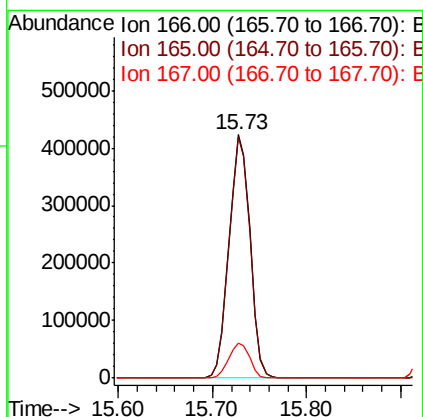
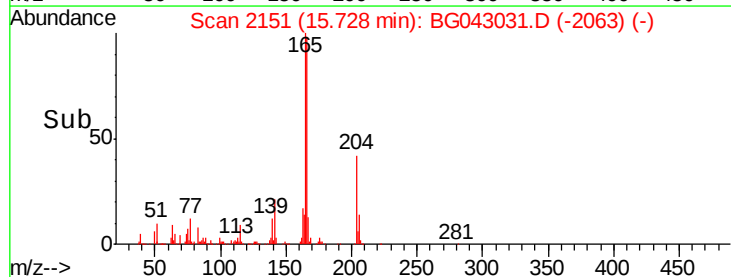
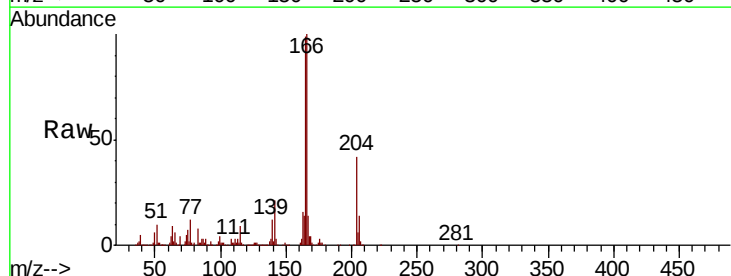
Instrument :
 BNA_G
 ClientSampleId :

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



#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

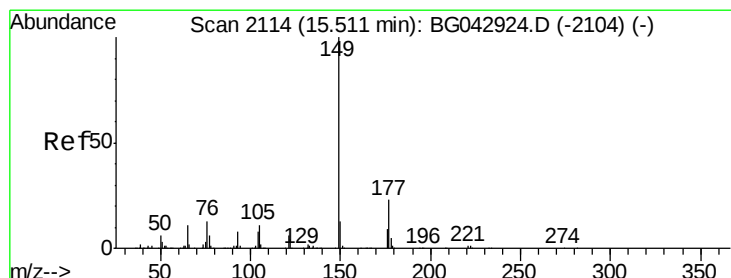
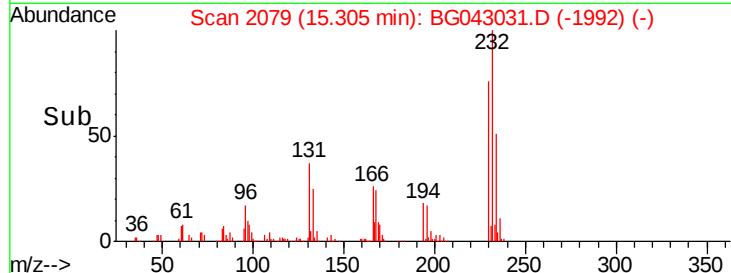
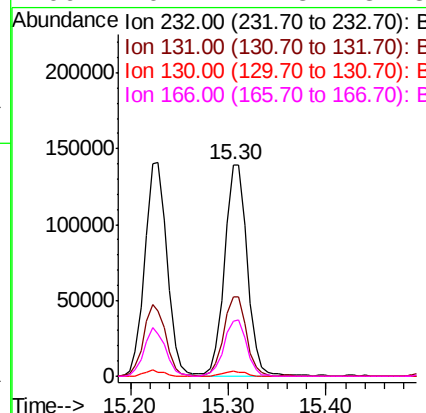
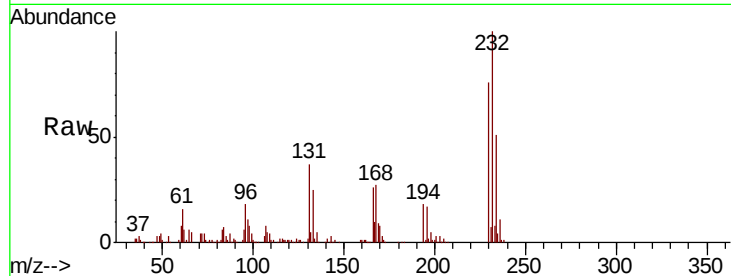




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.846 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

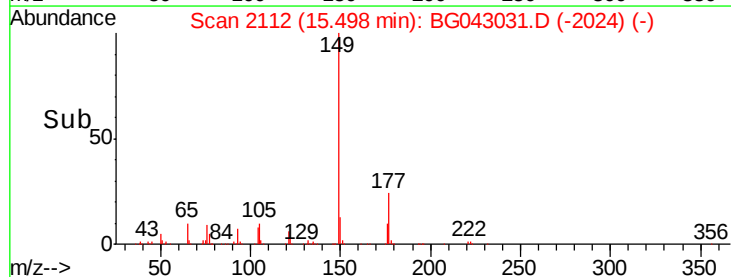
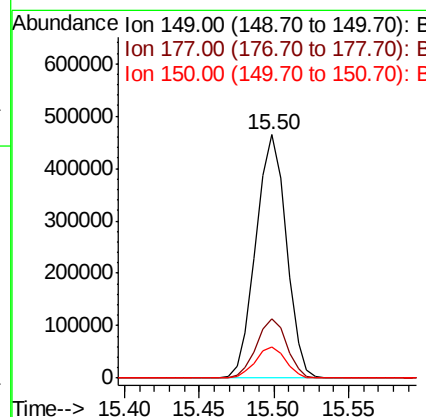
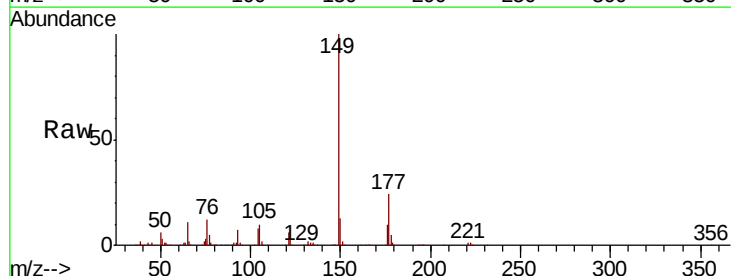
Instrument :
 BNA_G
 ClientSampleId :

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

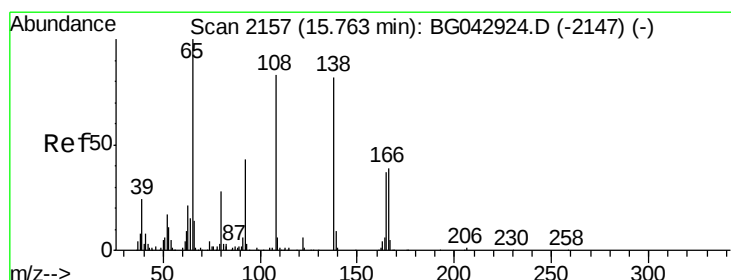
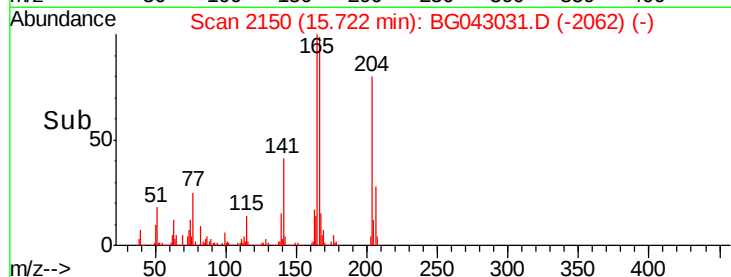
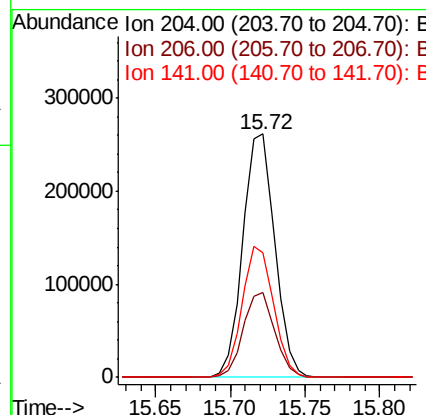
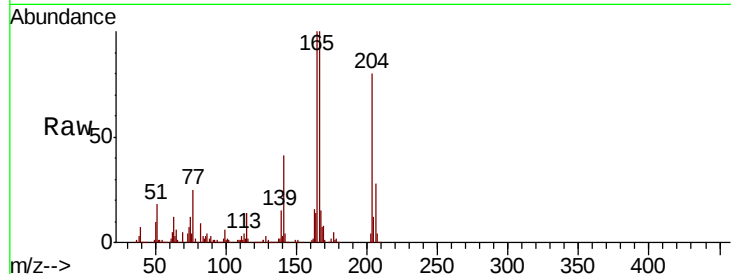




#61
4-Chlorophenyl-phenylether
Concen: 41.596 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

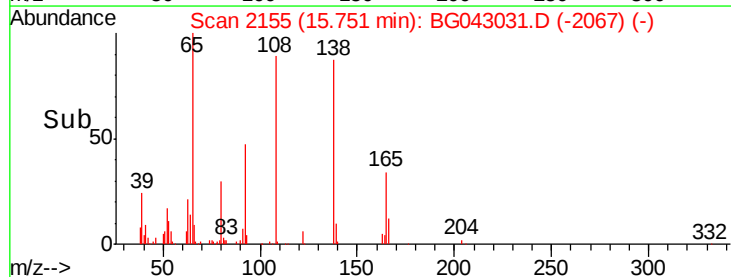
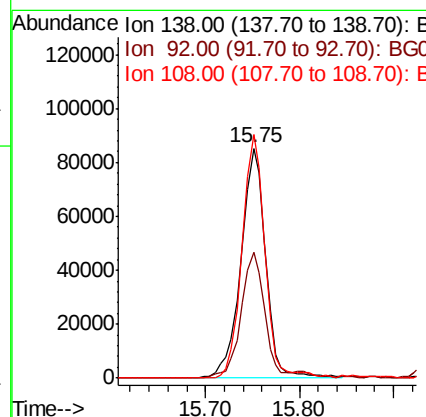
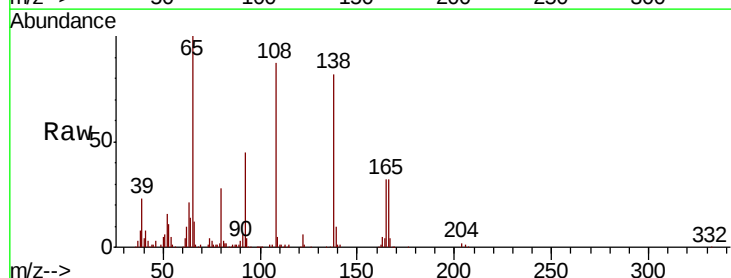
Instrument :
BNA_G
ClientSampleId :

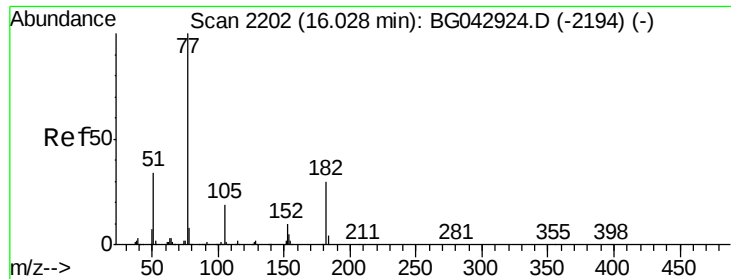
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	28.5	42.7
141	51.4	42.4	63.6



#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 :

Tot Ion: 77 Resp: 586455

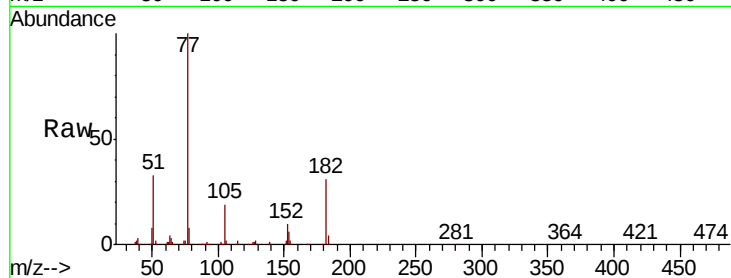
Ion Ratio Lower Upper

77 100

182 30.5 10.2 50.2

105 19.0 0.0 39.1

51 32.7 13.9 53.9

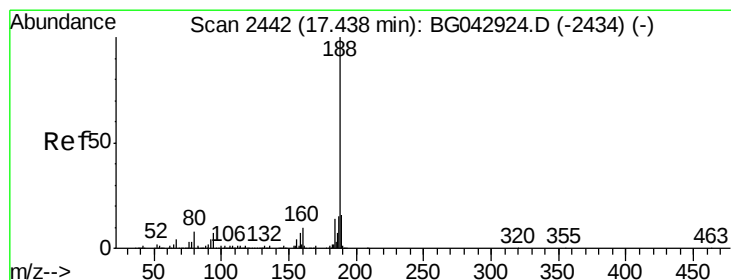
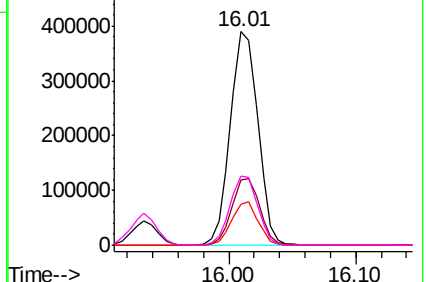
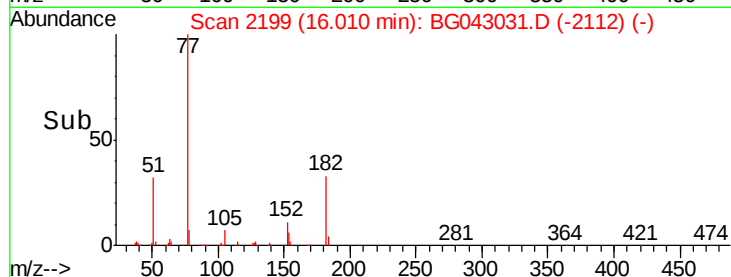


Abundance Ion 77.00 (76.70 to 77.70): BGC

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

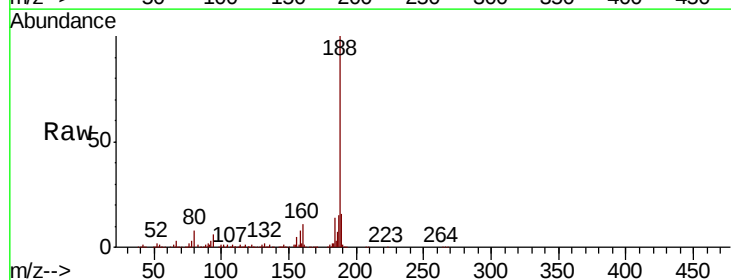
Tgt Ion: 188 Resp: 498251

Ion Ratio Lower Upper

188 100

94 6.3 5.7 8.5

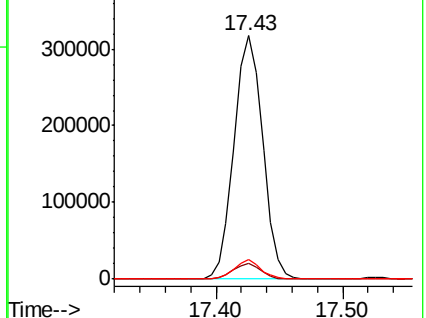
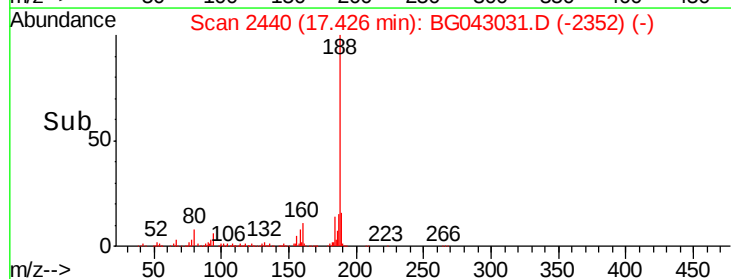
80 8.0 6.5 9.7

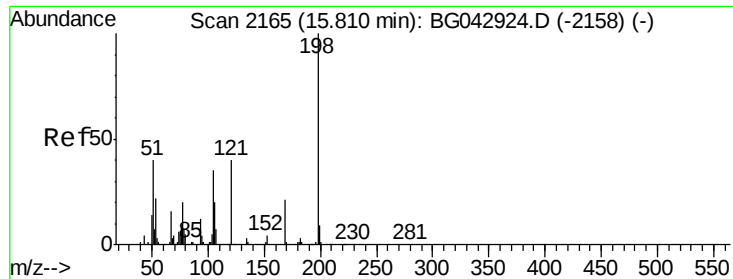


Abundance Ion 188.00 (187.70 to 188.70): BGC

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

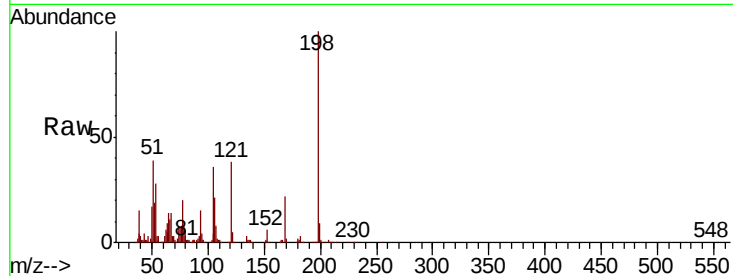
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 134579

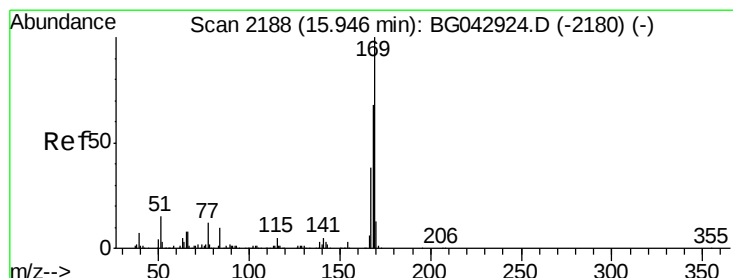
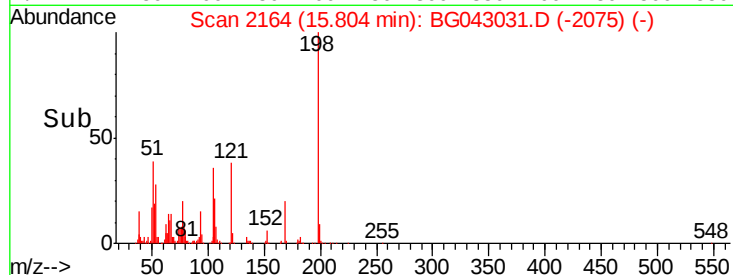
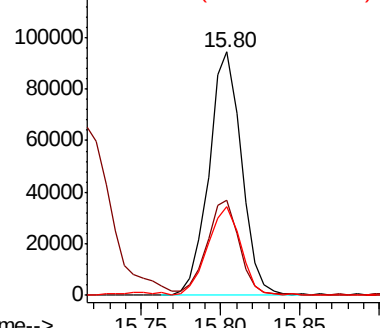
Ion	Ratio	Lower	Upper
198	100		
51	39.3	25.3	65.3
105	36.2	16.6	56.6



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



#66

n-Nitrosodiphenylamine

Concen: 44.809 ng

RT: 15.93 min Scan# 2186

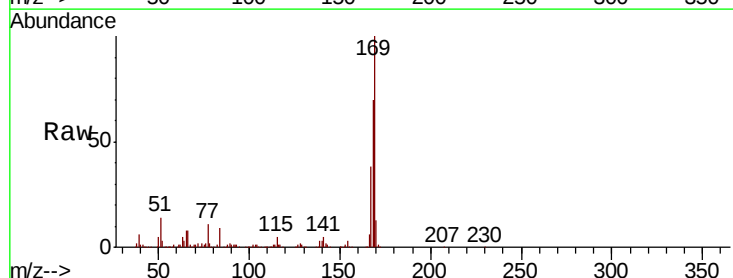
Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Tgt Ion:169 Resp: 589383

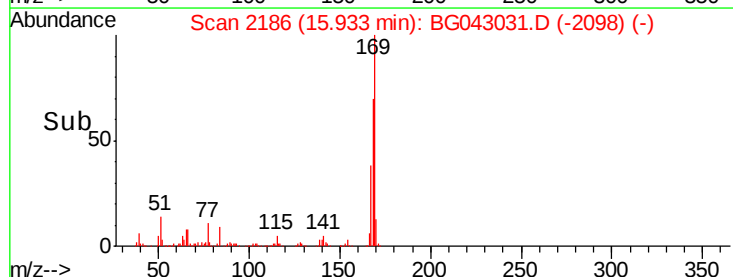
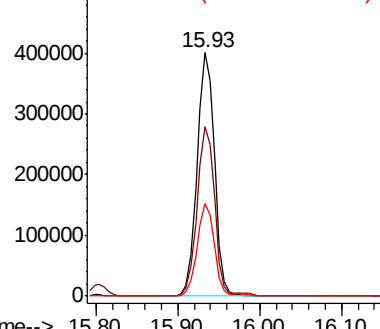
Ion	Ratio	Lower	Upper
169	100		
168	69.5	54.8	82.2
167	37.9	30.6	46.0



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

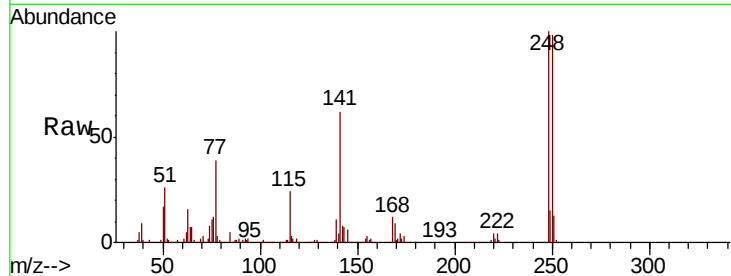




#67
4-Bromophenyl-phenylether
Concen: 42.685 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampled :

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

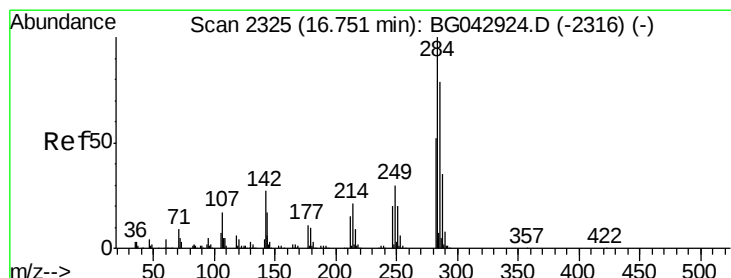
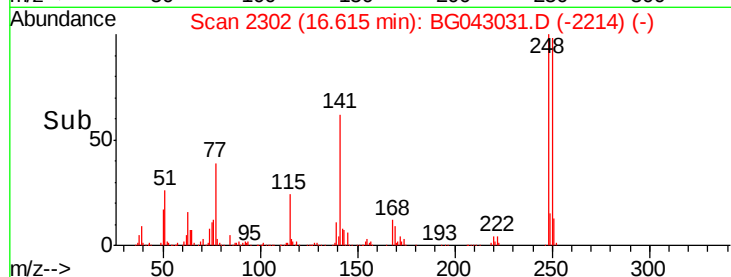
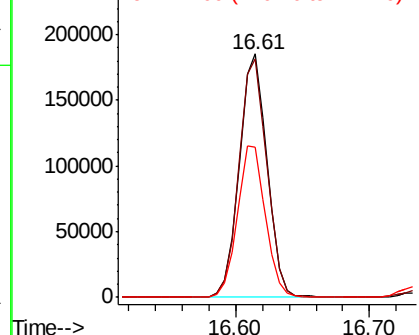


Abundance

Ion 248.00 (247.70 to 248.70): E

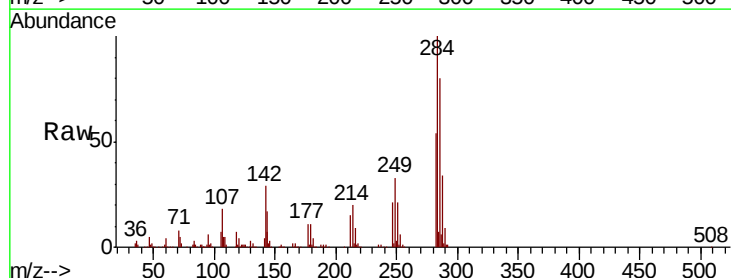
Ion 250.00 (249.70 to 250.70): E

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	Ratio	Lower	Upper
284	100		
142	28.7	21.6	32.4
249	32.6	24.1	36.1

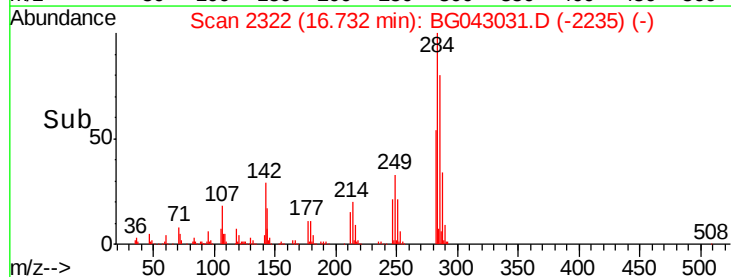
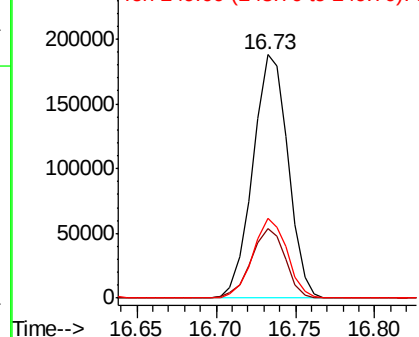


Abundance

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

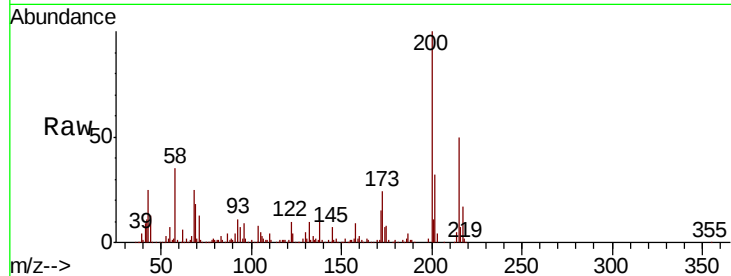




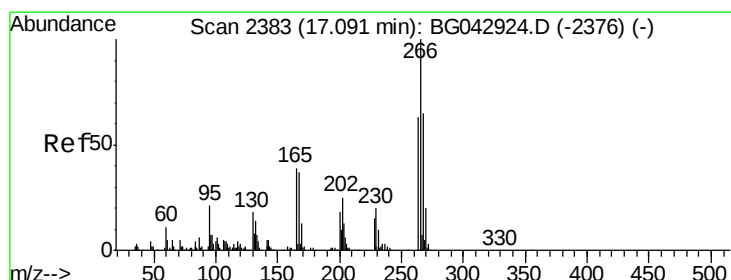
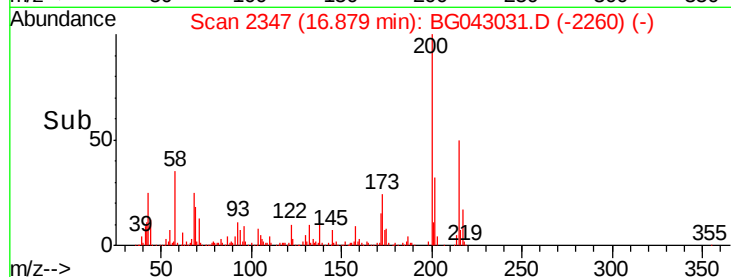
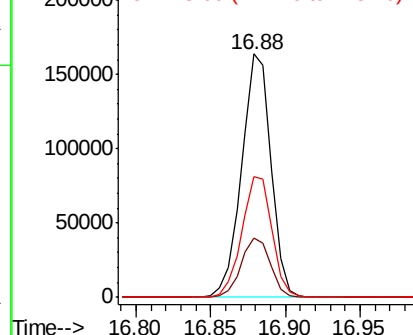
#69
Atrazine
Concen: 40.392 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :

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

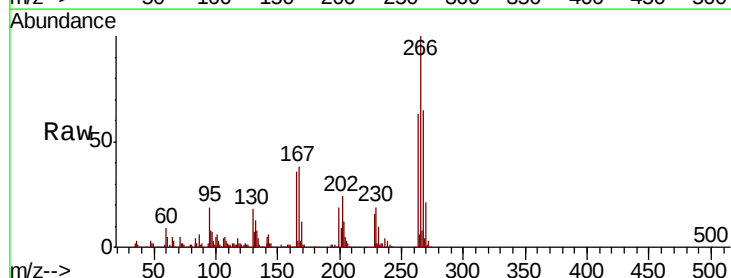


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

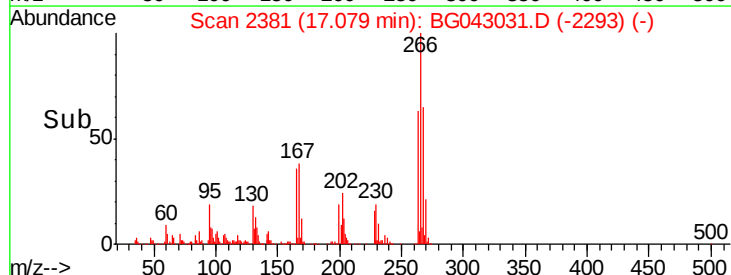
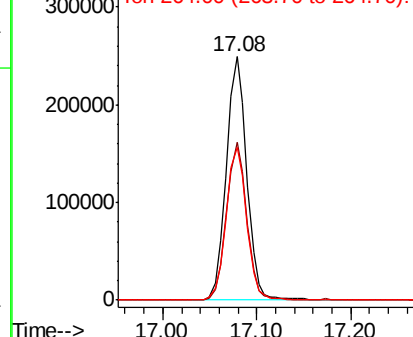


#70
Pentachlorophenol
Concen: 94.482 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

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

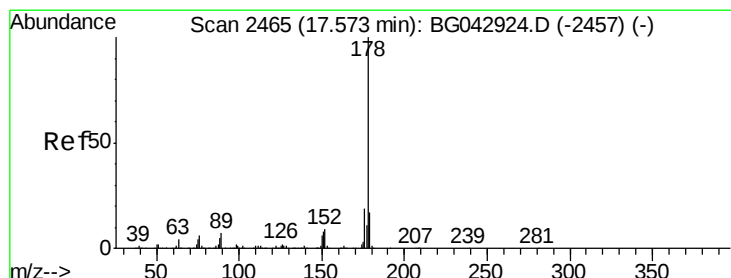
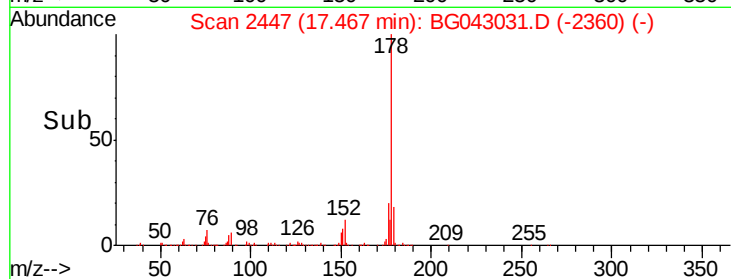
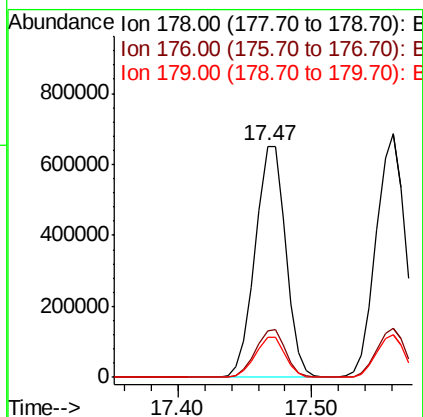
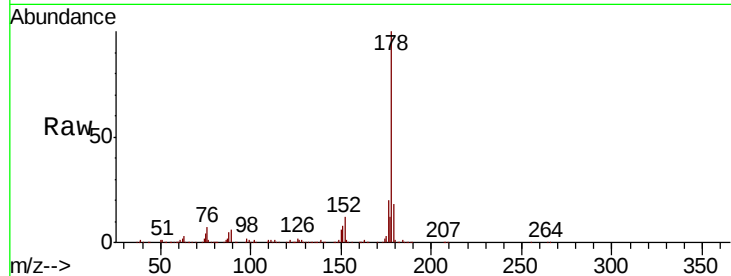




#71
Phenanthrene
Concen: 42.360 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

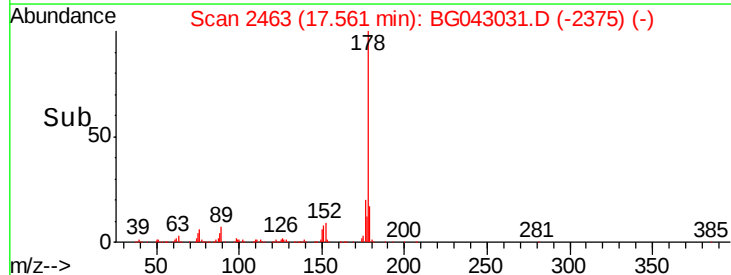
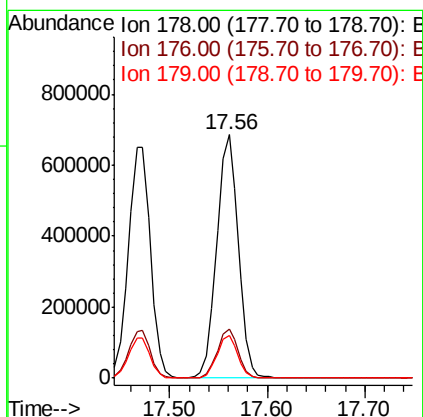
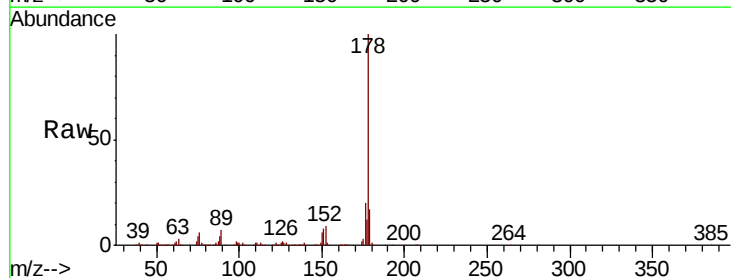
Instrument :
BNA_G
ClientSampleId :

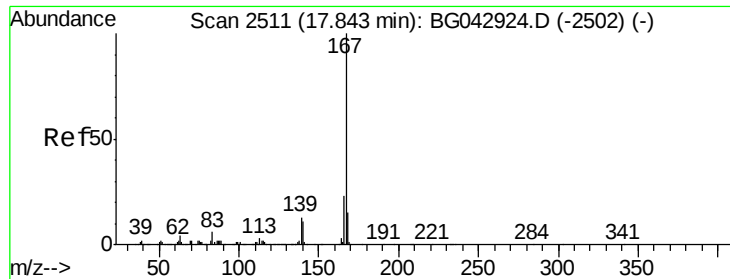
Tot Ion:178 Resp: 1030395
Ion Ratio Lower Upper
178 100
176 20.1 15.1 22.7
179 17.6 14.1 21.1



#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

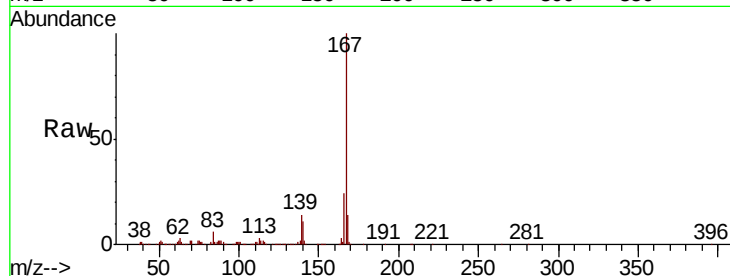




#73
 Carbazole
 Concen: 43.027 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Instrument :
 BNA_G
 ClientSampleId :

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

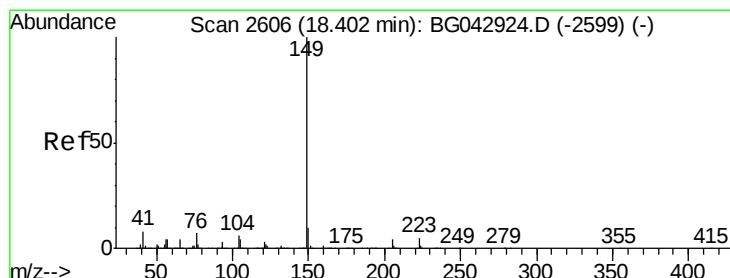
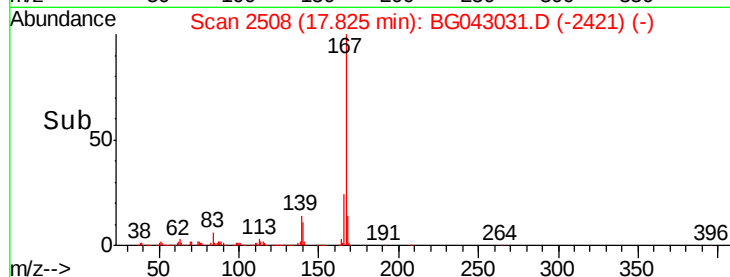
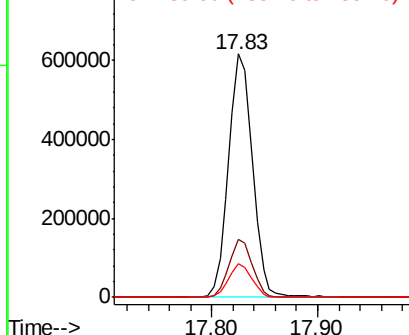


Abundance

Ion 167.00 (166.70 to 167.70): E

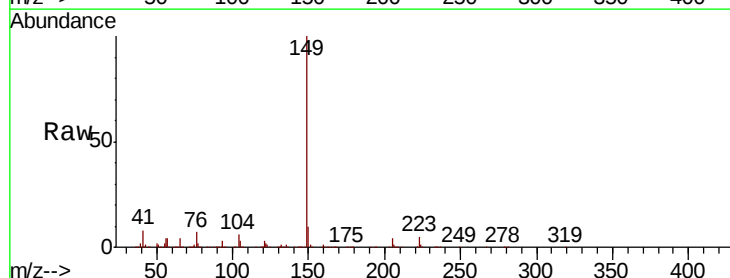
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 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

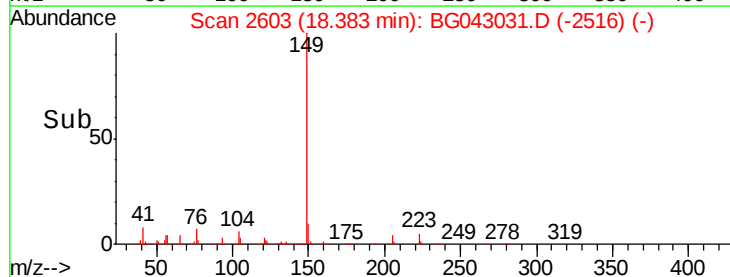
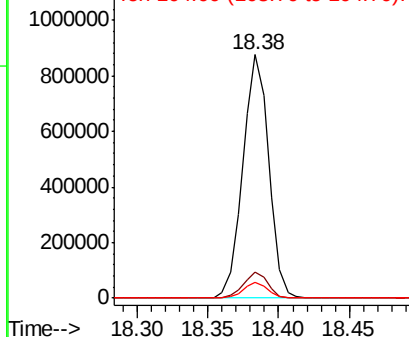


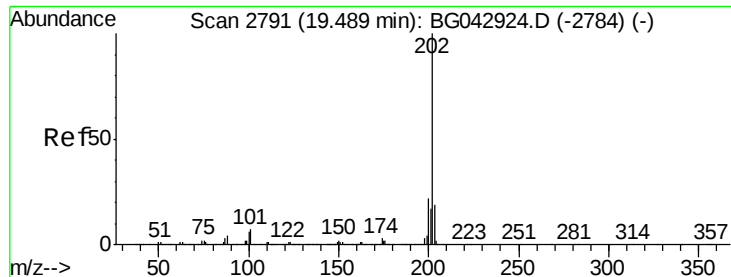
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 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 :

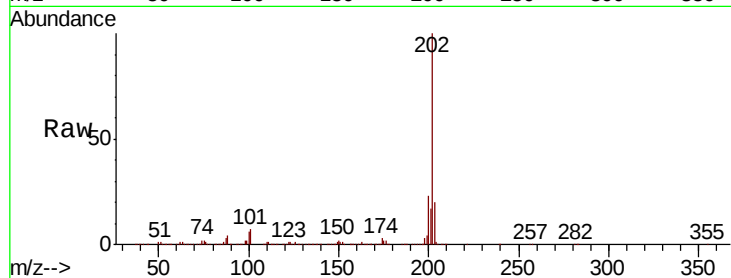
Tot Ion:202 Resp: 1353101

Ion Ratio Lower Upper

202 100

101 7.0 0.0 27.3

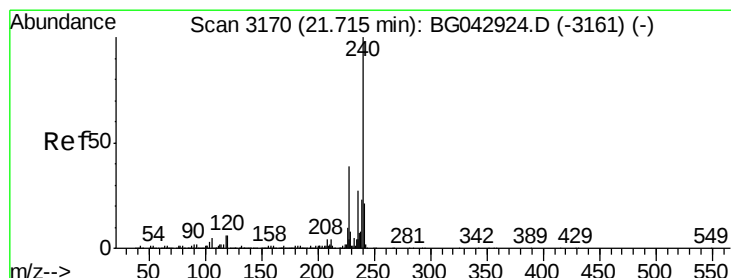
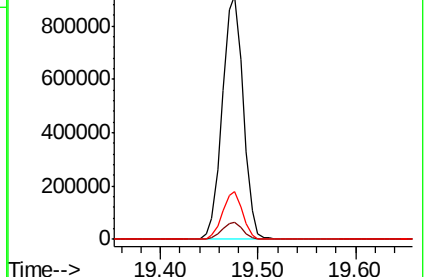
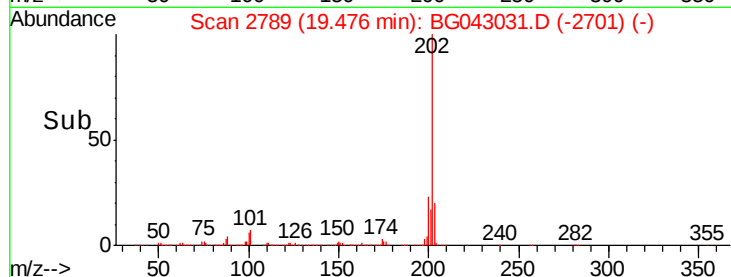
203 19.5 0.0 39.5



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

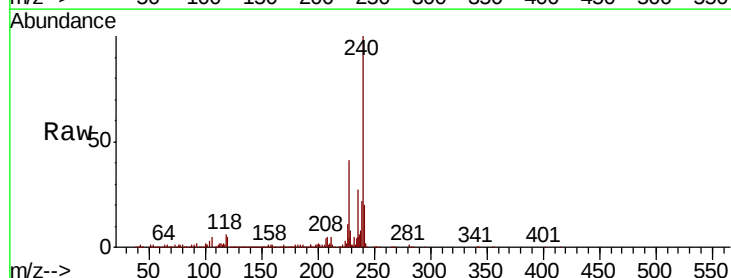
Tgt Ion:240 Resp: 557181

Ion Ratio Lower Upper

240 100

120 4.9 4.8 7.2

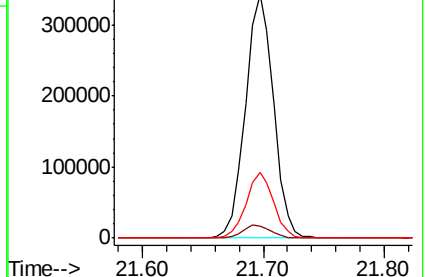
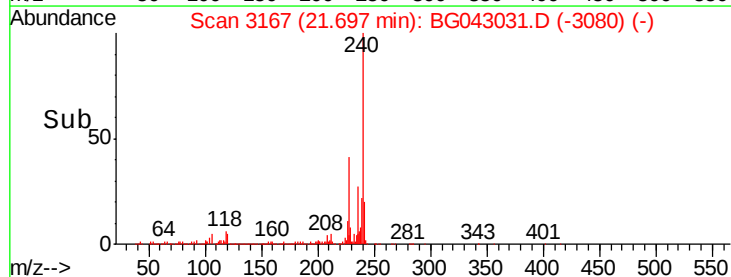
236 26.7 21.4 32.0



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

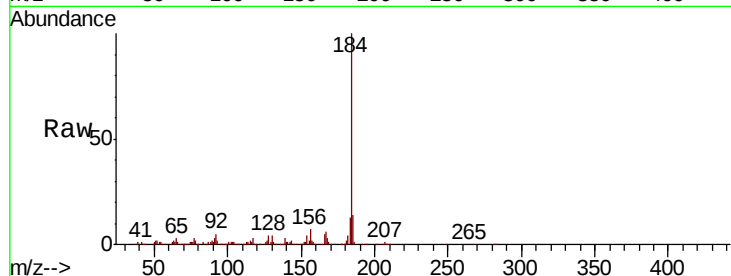
Instrument :

BNA_G

ClientSampleId :

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

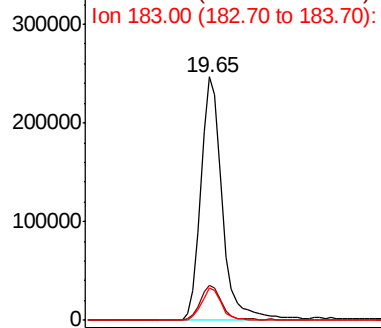


Abundance

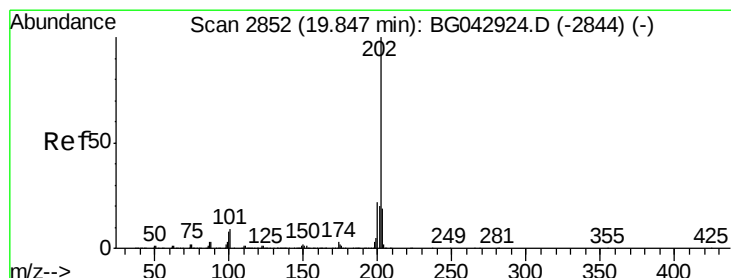
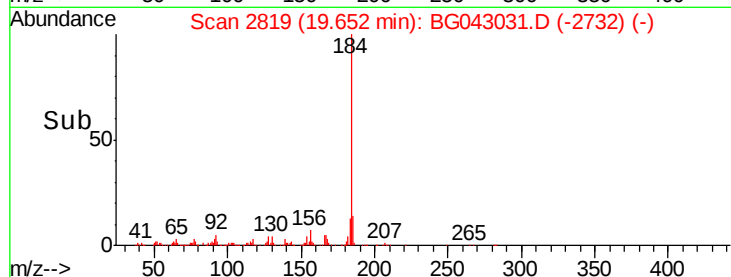
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 41.549 ng

RT: 19.83 min Scan# 2850

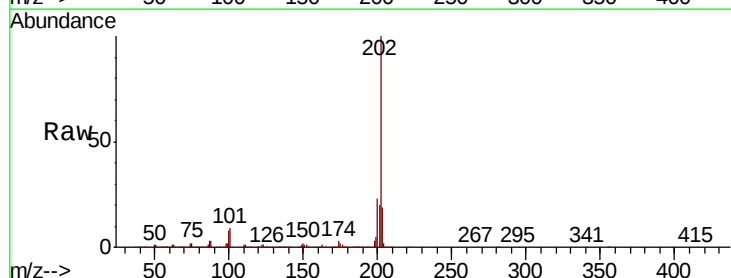
Delta R.T. -0.01 min

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

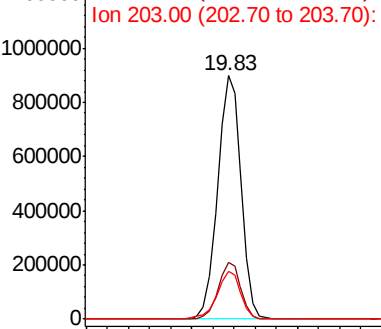


Abundance

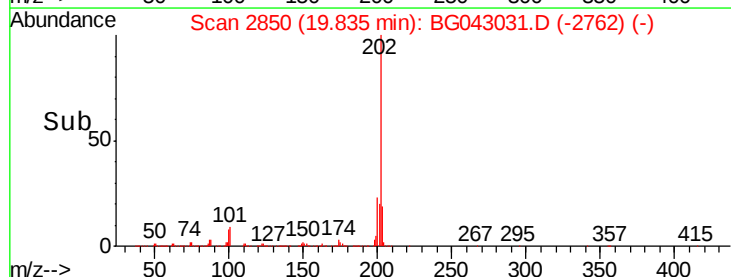
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#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 :

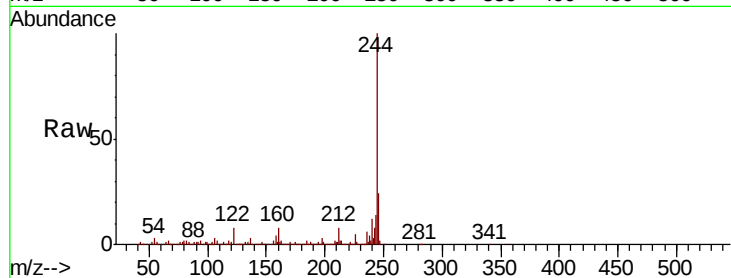
Tot Ion:244 Resp: 1796989

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.0

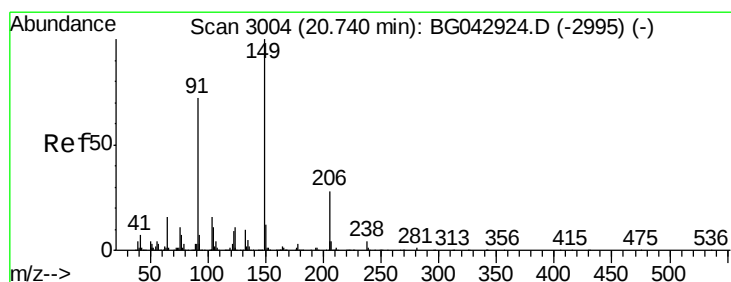
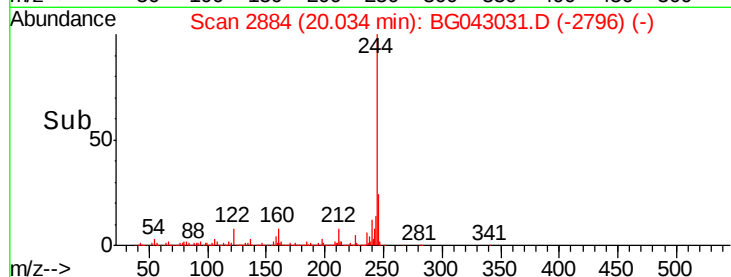
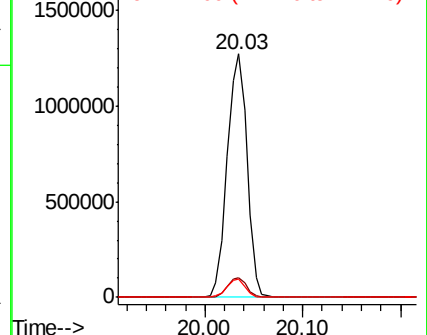
122 7.8 7.0 10.4



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

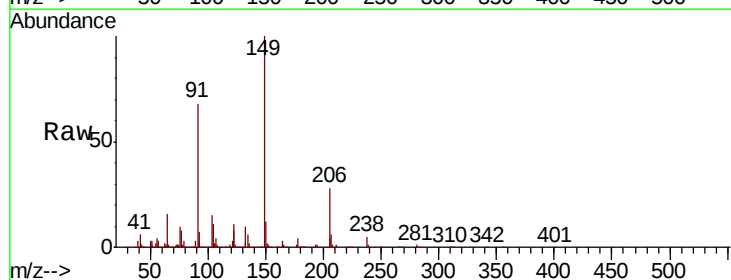
Tgt Ion:149 Resp: 534425

Ion Ratio Lower Upper

149 100

91 68.1 57.7 86.5

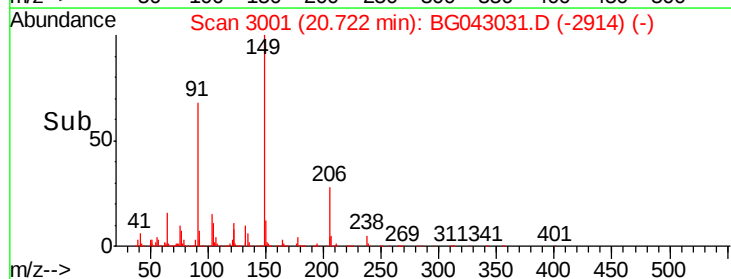
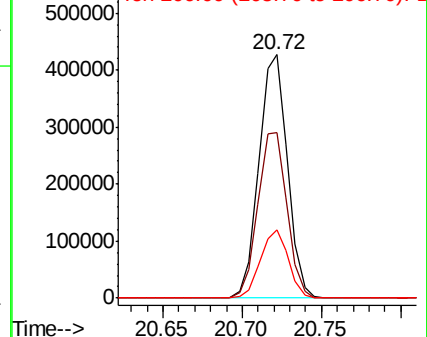
206 27.9 22.6 33.8

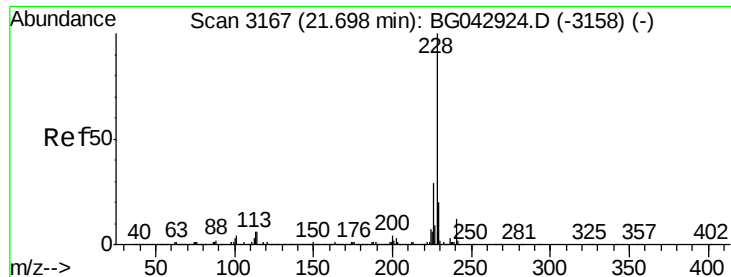


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

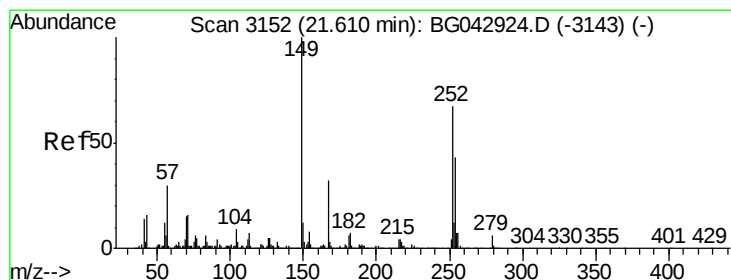
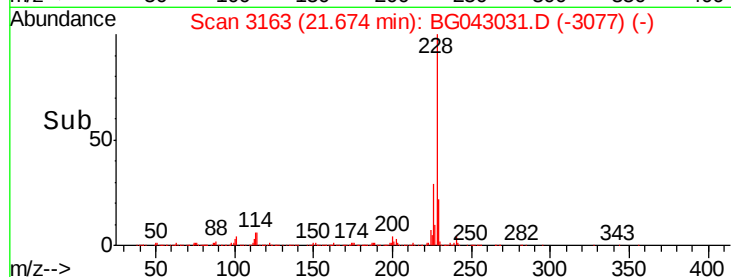
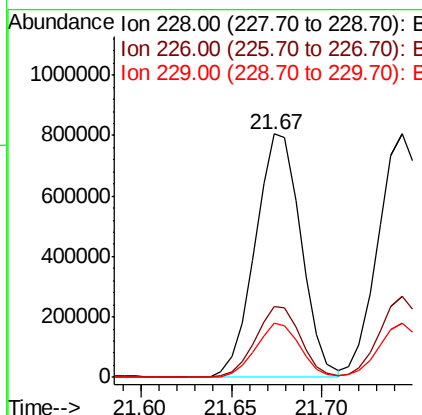
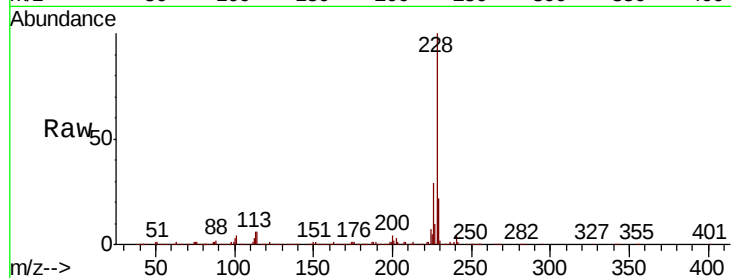




#81
Benzo(a)anthracene
Concen: 40.822 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

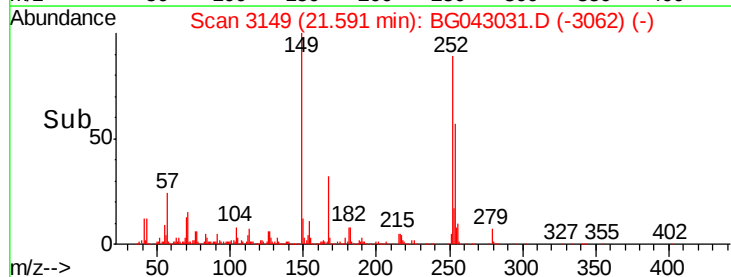
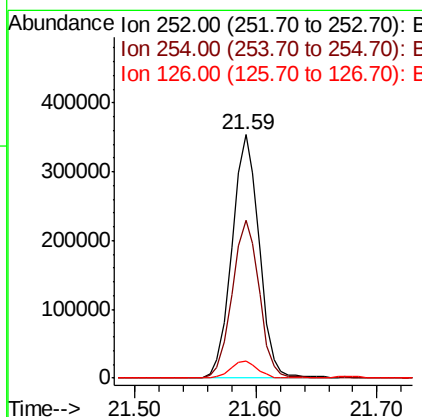
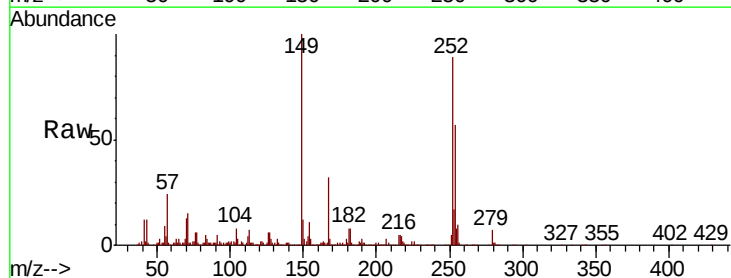
Instrument :
BNA_G
ClientSampleId :

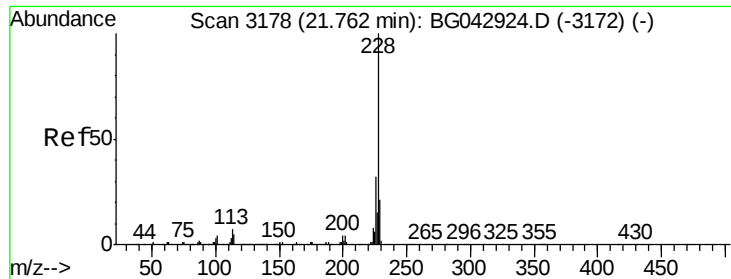
Tot Ion:228 Resp: 1417238
Ion Ratio Lower Upper
228 100
226 29.1 23.0 34.4
229 22.1 16.3 24.5



#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

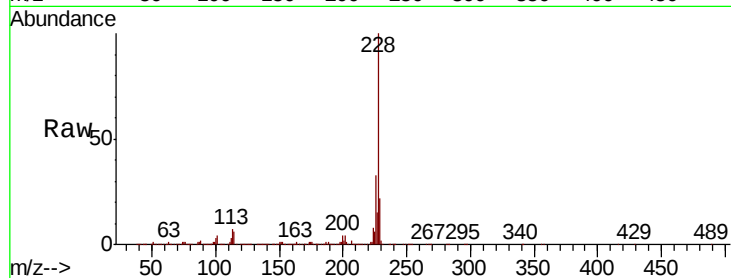
Instrument :

BNA_G

ClientSampled :

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

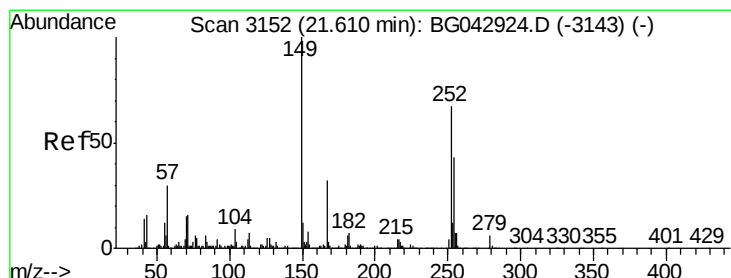
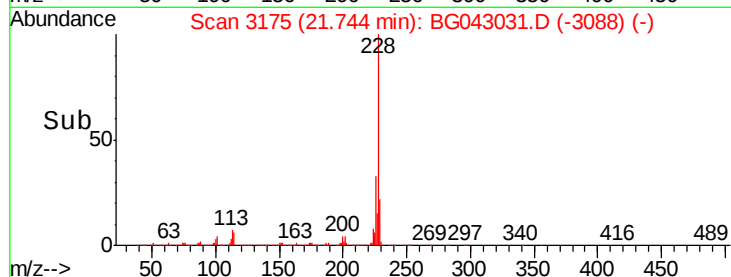
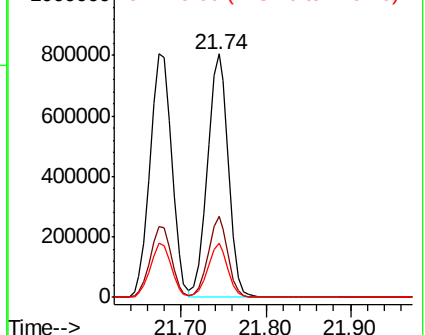


Abundance

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

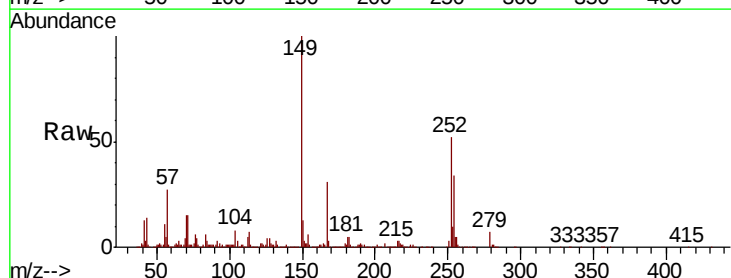
Delta R.T. -0.02 min

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

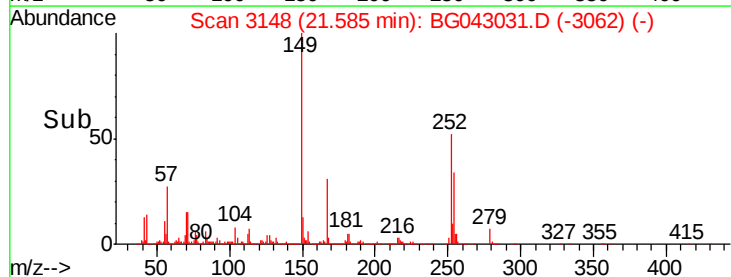
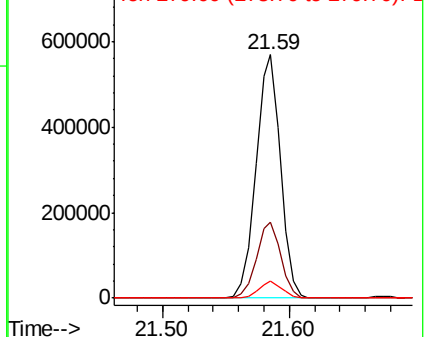


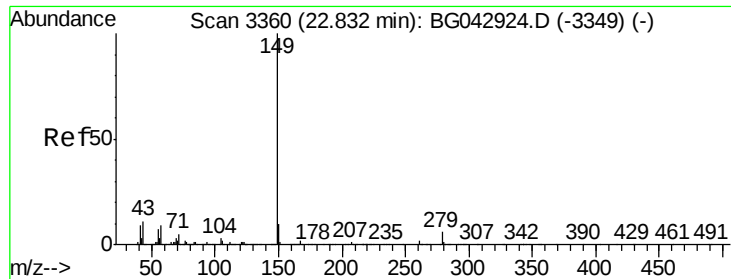
Abundance

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 :

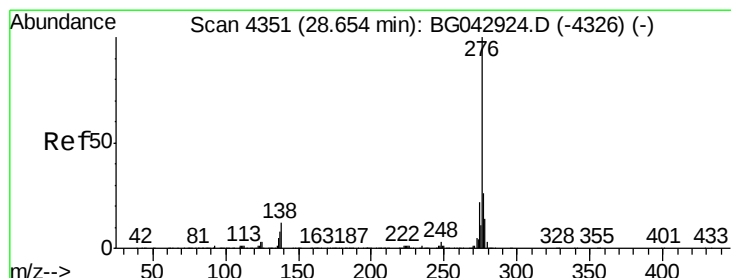
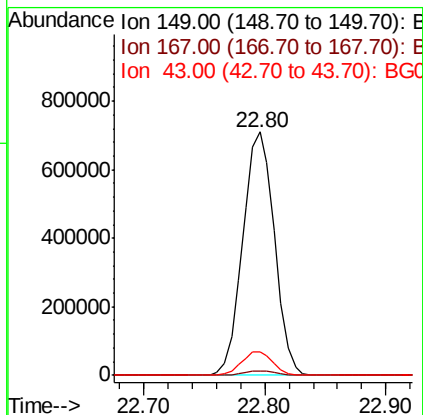
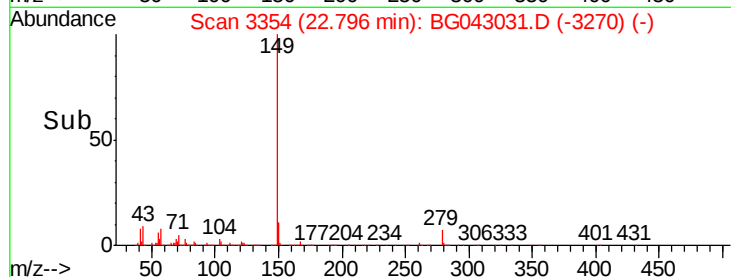
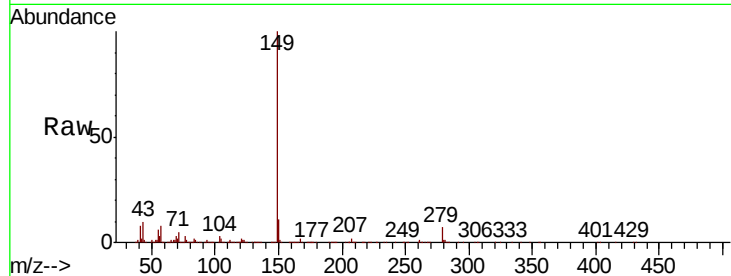
Tot Ion:149 Resp: 1292945

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

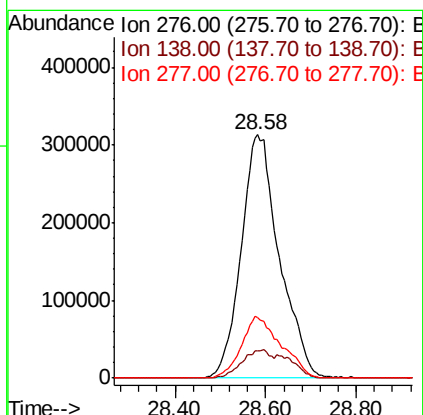
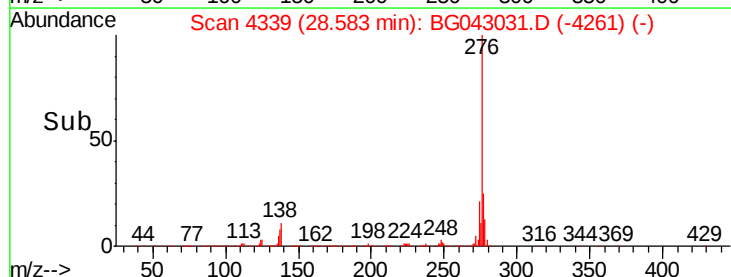
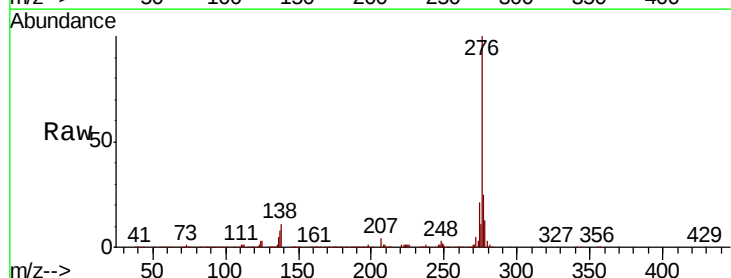
Tgt Ion:276 Resp: 1825306

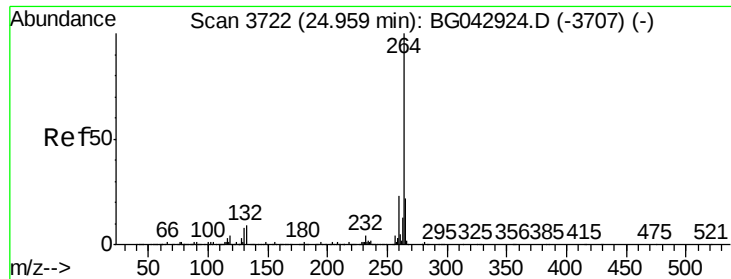
Ion Ratio Lower Upper

276 100

138 8.9 7.0 10.6

277 26.4 20.9 31.3

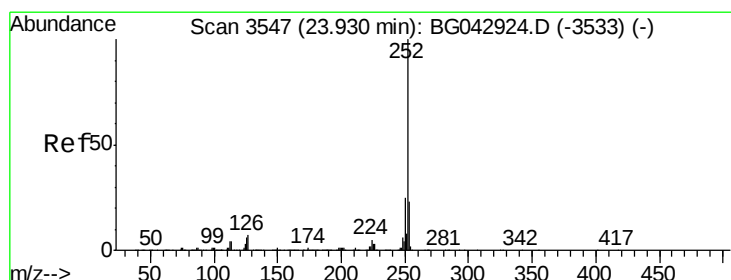
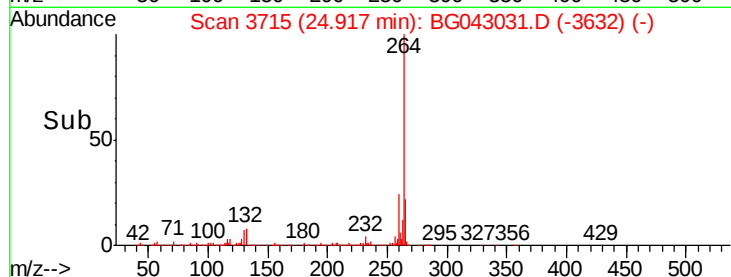
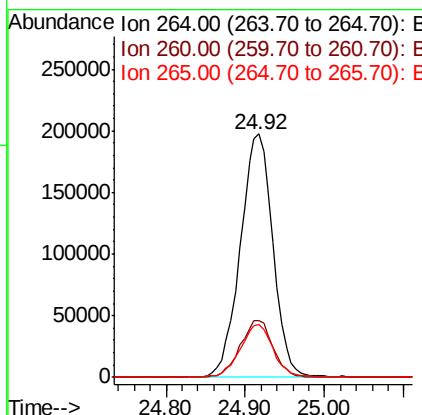
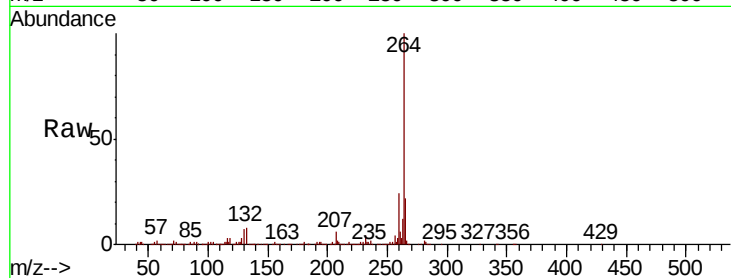




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.04 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

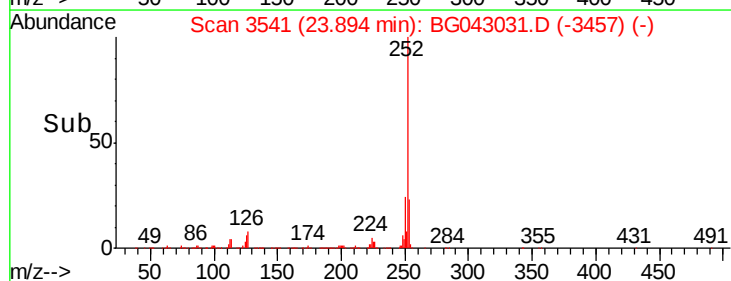
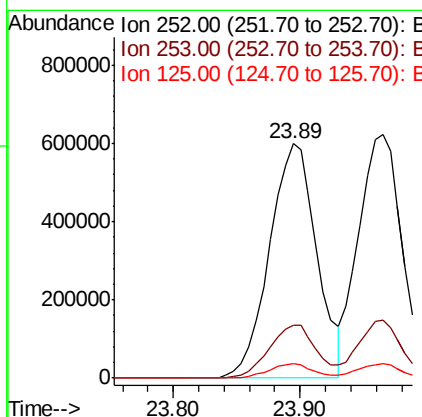
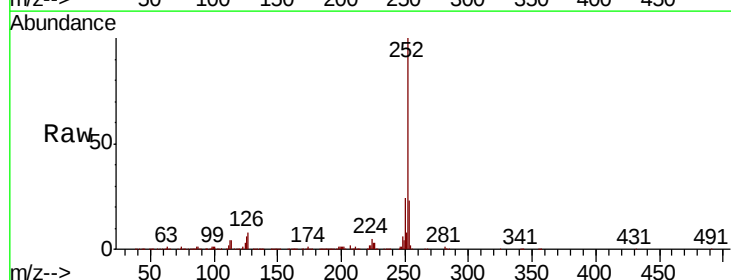
Instrument :
BNA_G
ClientSampleId :

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

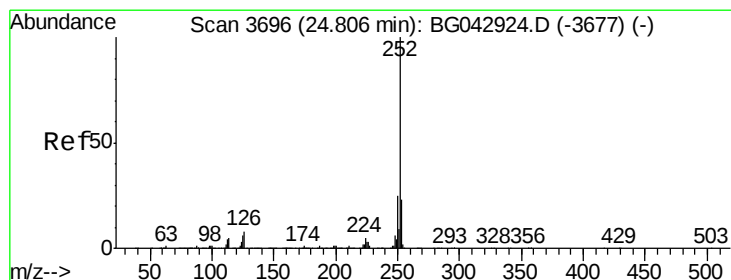
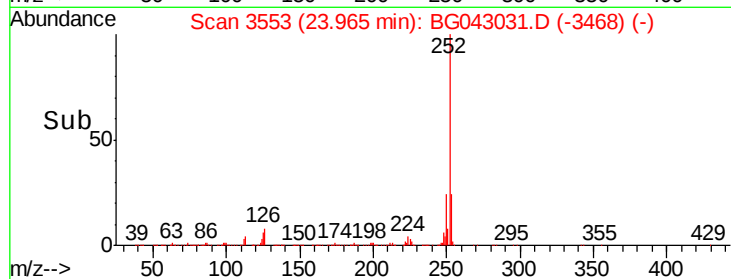
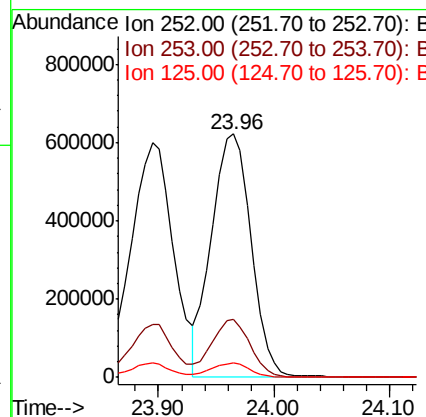
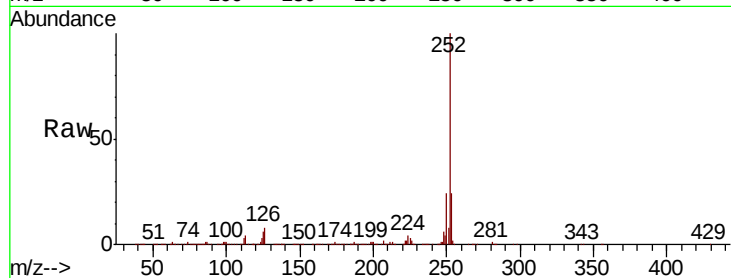




#89
Benzo(k)fluoranthene
Concen: 46.998 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.03 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

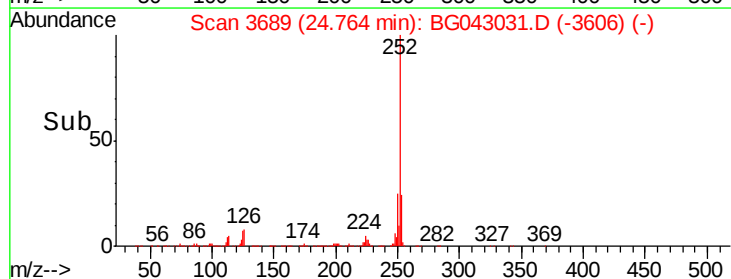
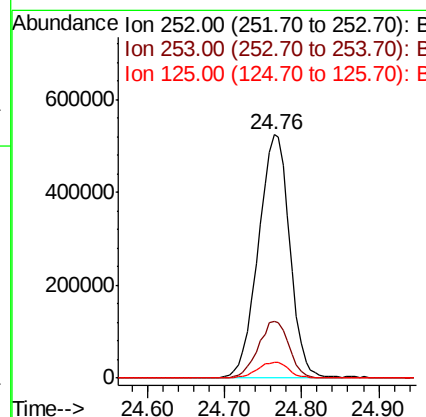
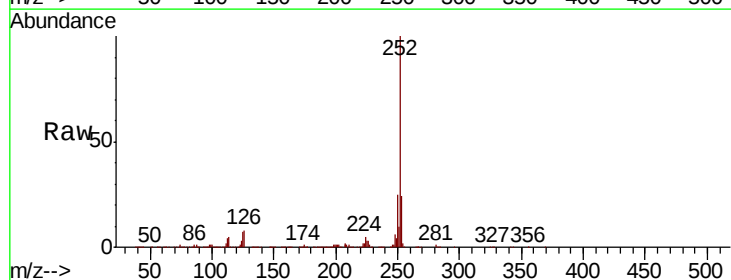
Instrument :
BNA_G
ClientSampleId :

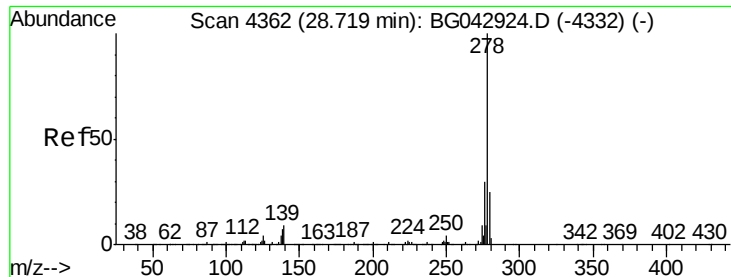
Tot Ion:252 Resp: 1480426
Ion Ratio Lower Upper
252 100
253 23.7 18.9 28.3
125 6.2 4.5 6.7



#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

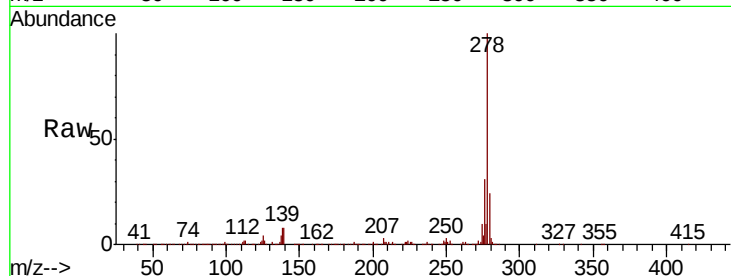




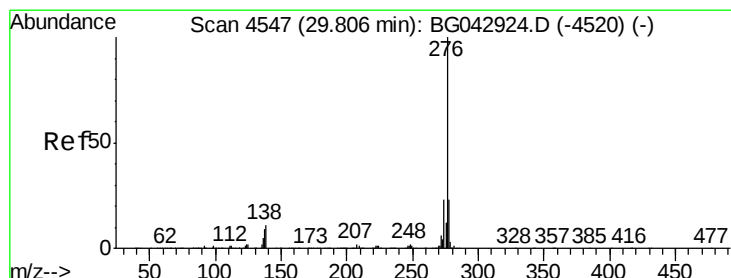
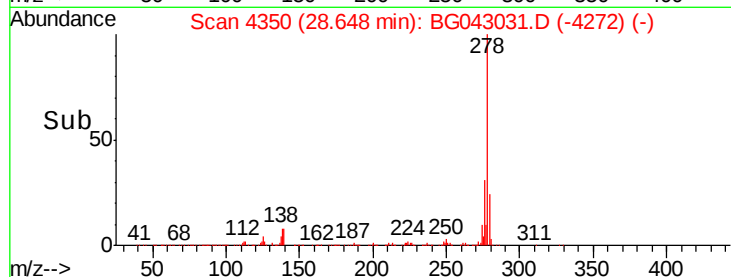
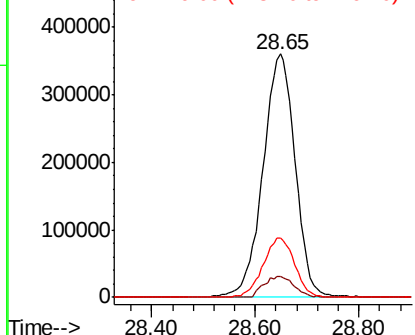
#91
Dibenzo(a,h)anthracene
Concen: 50.330 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.07 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :

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

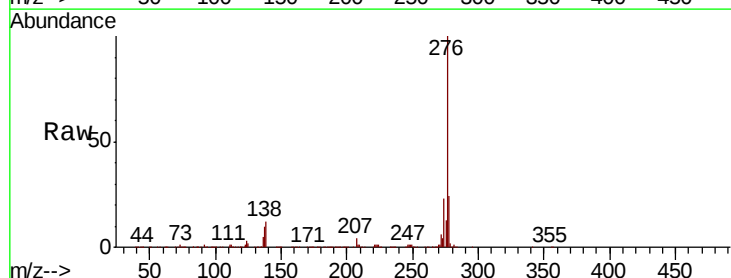


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#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

