

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
 Data File : BG043035.D
 Acq On : 4 Oct 2019 19:33
 Operator : JU
 Sample : K5168-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 05 04:52:01 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	67890	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	246165	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	174983	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	412793	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	446929	20.00	ng	-0.02
87) Perylene-d12	24.92	264	526326	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	435598	114.51	ng	0.00
7) Phenol-d6	7.24	99	615614	112.37	ng	0.00
23) Nitrobenzene-d5	9.22	82	380120	75.05	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	361474	120.13	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	860278	71.27	ng	-0.02
79) Terphenyl-d14	20.03	244	1497081	71.38	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	54551	34.394	ng	91
3) Pyridine	3.94	79	140842	31.572	ng	92
4) n-Nitrosodimethylamine	3.86	42	85957	40.069	ng	# 86
6) Aniline	7.39	93	241271	36.485	ng	99
8) 2-Chlorophenol	7.64	128	186792	47.083	ng	97
9) Benzaldehyde	7.20	77	115127	34.391	ng	93
10) Phenol	7.27	94	256771	51.087	ng	94
11) bis(2-Chloroethyl)ether	7.48	93	160053	41.157	ng	93
12) 1,3-Dichlorobenzene	7.95	146	207981	41.095	ng	98
13) 1,4-Dichlorobenzene	8.10	146	210650	41.753	ng	98
14) 1,2-Dichlorobenzene	8.42	146	202813	42.224	ng	92
15) Benzyl Alcohol	8.30	79	186292	45.231	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	261359	34.996	ng	99
17) 2-Methylphenol	8.51	107	158831	45.163	ng	97
18) Hexachloroethane	9.15	117	75510	39.741	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	149643	41.600	ng	95
20) 3+4-Methylphenols	8.83	107	221765	46.014	ng	96
22) Acetophenone	8.88	105	282814	44.570	ng	# 94
24) Nitrobenzene	9.26	77	222195	45.995	ng	95
25) Isophorone	9.79	82	410192	46.109	ng	99
26) 2-Nitrophenol	9.97	139	108748	52.881	ng	95
27) 2,4-Dimethylphenol	10.04	122	175165	55.464	ng	100
28) bis(2-Chloroethoxy)methane	10.27	93	227131	45.000	ng	96
29) 2,4-Dichlorophenol	10.51	162	206300	52.523	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	230556	45.454	ng	98
31) Naphthalene	10.91	128	571949	47.199	ng	100
32) Benzoic acid	10.19	122	115993	47.321	ng	97
33) 4-Chloroaniline	11.02	127	148699	28.279	ng	95
34) Hexachlorobutadiene	11.21	225	164218	43.239	ng	96
35) Caprolactam	11.80	113	34433	24.859	ng	90
36) 4-Chloro-3-methylphenol	12.15	107	213896	50.085	ng	95
37) 2-Methylnaphthalene	12.52	142	438944	47.482	ng	97
38) 1-Methylnaphthalene	12.74	142	410616	46.942	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	291342	44.282	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	424838	101.345	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	189479	49.205	ng	96
44) 2,4,5-Trichlorophenol	13.19	196	209051	52.698	ng	98
46) 1,1'-Biphenyl	13.52	154	588370	44.339	ng	98
47) 2-Chloronaphthalene	13.56	162	465401	46.779	ng	98
48) 2-Nitroaniline	13.76	65	147642	44.625	ng	94
49) Acenaphthylene	14.40	152	741954	48.738	ng	99
50) Dimethylphthalate	14.14	163	741667	56.569	ng	99
51) 2,6-Dinitrotoluene	14.25	165	141835	50.800	ng	94
52) Acenaphthene	14.74	154	446164	43.785	ng	98
53) 3-Nitroaniline	14.59	138	93831	32.519	ng	97
54) 2,4-Dinitrophenol	14.79	184	173669	100.069	ng	93
55) Dibenzofuran	15.08	168	715020	47.435	ng	99
56) 4-Nitrophenol	14.90	139	221220	100.622	ng	97
57) 2,4-Dinitrotoluene	15.04	165	198490	48.546	ng	95
58) Fluorene	15.73	166	602128	46.788	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	205631	48.684	ng	98
60) Diethylphthalate	15.50	149	599255	44.912	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	355869	46.108	ng	98
62) 4-Nitroaniline	15.75	138	142072	45.146	ng	98
63) Azobenzene	16.01	77	540285	44.476	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	122093	52.269	ng	94
66) n-Nitrosodiphenylamine	15.93	169	530488	48.681	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	247704	47.811	ng	95
68) Hexachlorobenzene	16.73	284	269907	46.789	ng	98
69) Atrazine	16.88	200	207534	45.227	ng	94
70) Pentachlorophenol	17.08	266	347879	104.511	ng	100
71) Phenanthrene	17.47	178	976379	48.449	ng	98
72) Anthracene	17.56	178	983087	48.864	ng	100
73) Carbazole	17.82	167	891708	47.796	ng	99
74) Di-n-butylphthalate	18.38	149	1022663	45.943	ng	99
75) Fluoranthene	19.47	202	1303309	48.894	ng	100
77) Benzidine	19.65	184	699950	62.548	ng	100
78) Pyrene	19.83	202	1316445	49.350	ng	98
80) Butylbenzylphthalate	20.72	149	482280	47.631	ng	96
81) Benzo(a)anthracene	21.67	228	1315558	47.241	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	360179	32.977	ng	97
83) Chrysene	21.74	228	1271245	47.041	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	691575	48.000	ng	98
85) Di-n-octyl phthalate	22.79	149	1173702	49.818	ng	96
86) Indeno(1,2,3-cd)pyrene	28.58	276	1675969	49.817	ng	# 95
88) Benzo(b)fluoranthene	23.89	252	1413606	47.467	ng	100
89) Benzo(k)fluoranthene	23.96	252	1391357	47.226	ng	98
90) Benzo(a)pyrene	24.77	252	1397406	49.735	ng	99
91) Dibenzo(a,h)anthracene	28.64	278	1402365	48.674	ng	99
92) Benzo(g,h,i)perylene	29.73	276	1403126	50.263	ng	99

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

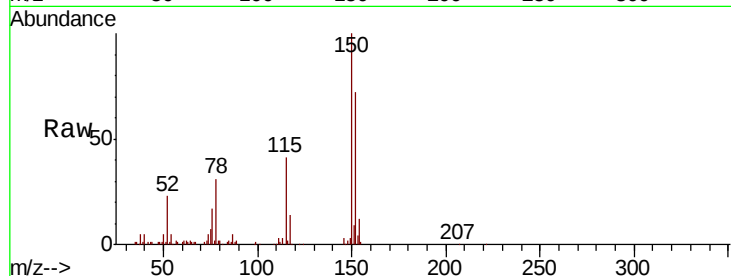


#1

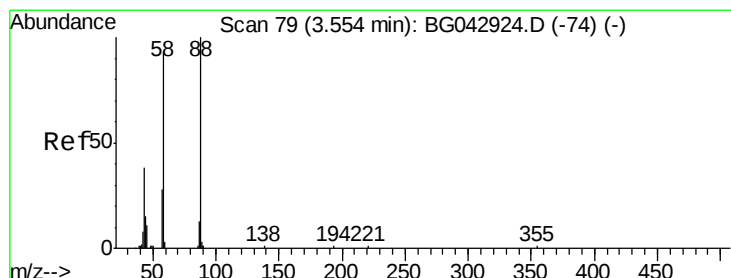
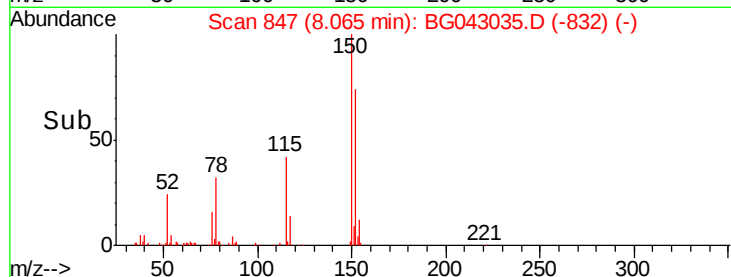
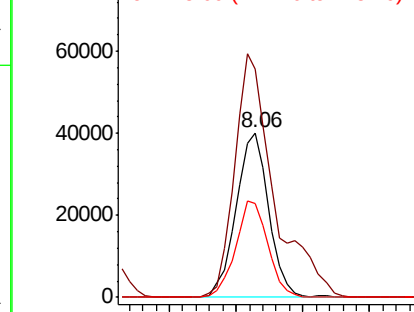
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 67890
Ion Ratio Lower Upper
152 100
150 138.9 115.0 172.4
115 57.0 47.0 70.6



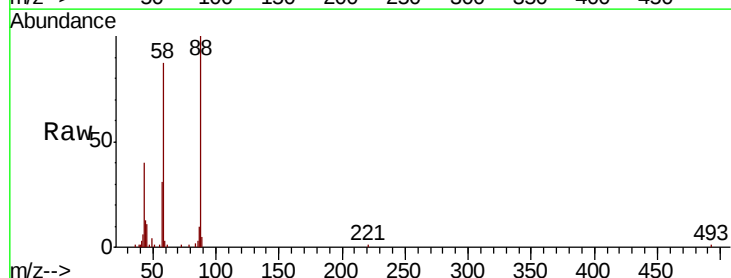
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



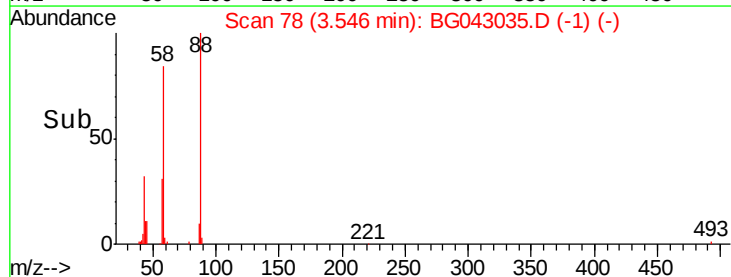
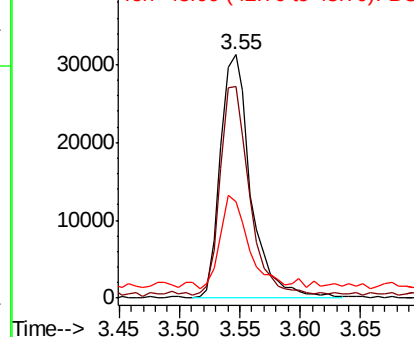
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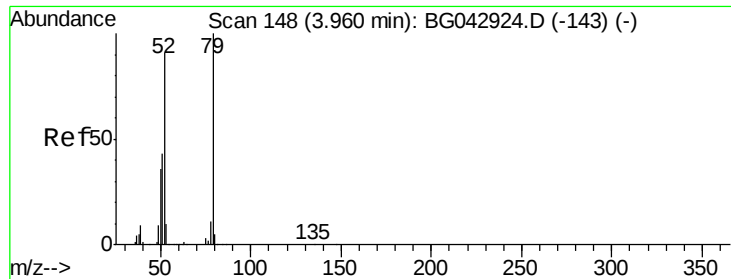
1,4-Dioxane
Concen: 34.394 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

Tgt Ion: 88 Resp: 54551
Ion Ratio Lower Upper
88 100
58 81.8 74.3 111.5
43 35.7 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: 31.572 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Instrument :

BNA_G

ClientSampleId :

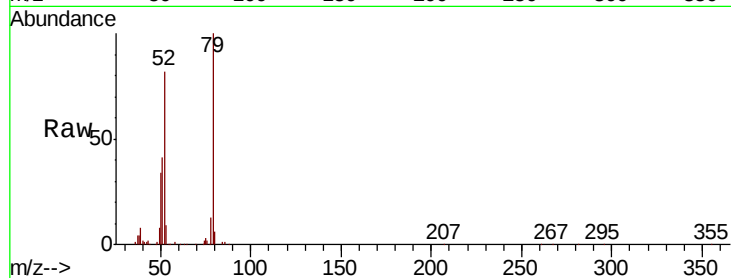
Tot Ion: 79 Resp: 140842

Ion Ratio Lower Upper

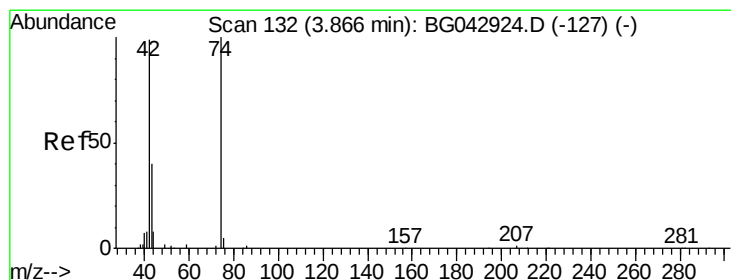
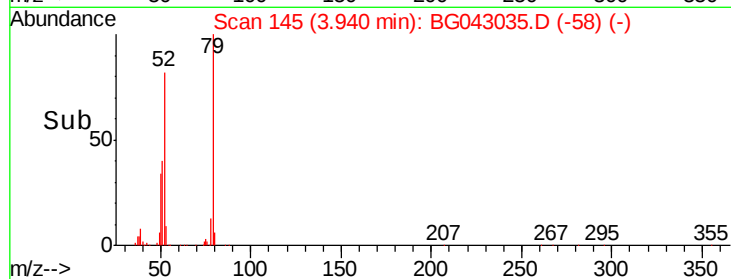
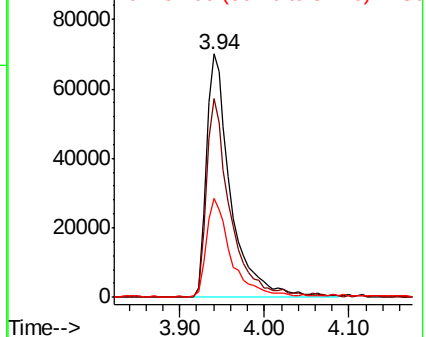
79 100

52 81.6 73.0 109.4

51 40.6 35.1 52.7



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



#4

n-Nitrosodimethylamine

Concen: 40.069 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

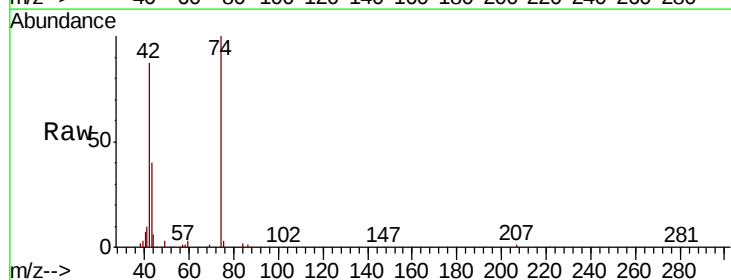
Tgt Ion: 42 Resp: 85957

Ion Ratio Lower Upper

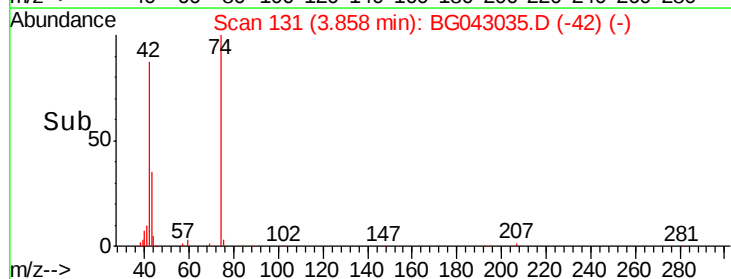
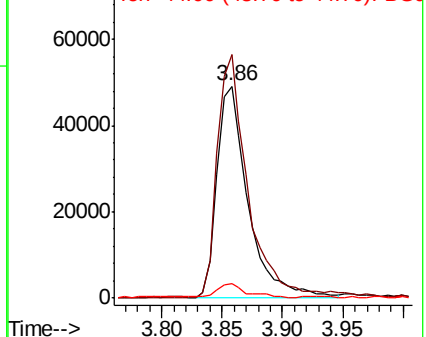
42 100

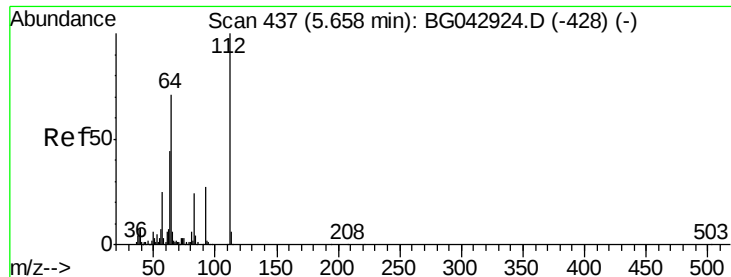
74 115.0 80.5 120.7

44 6.7 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 114.505 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Instrument :

BNA_G

ClientSampleId :

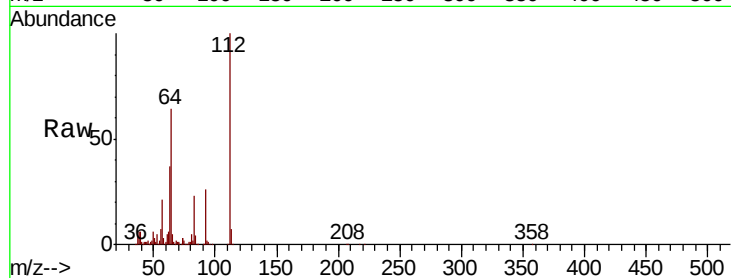
Tot Ion:112 Resp: 435598

Ion Ratio Lower Upper

112 100

64 64.0 56.6 84.8

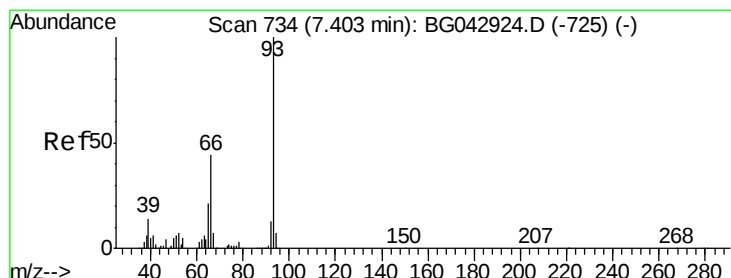
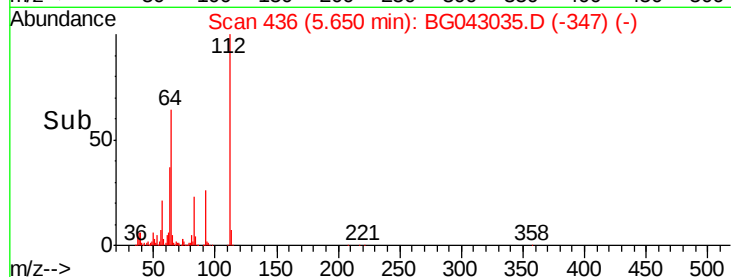
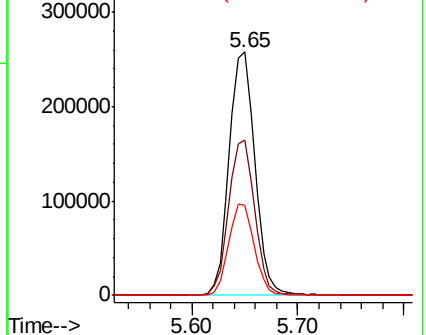
63 37.0 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.485 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

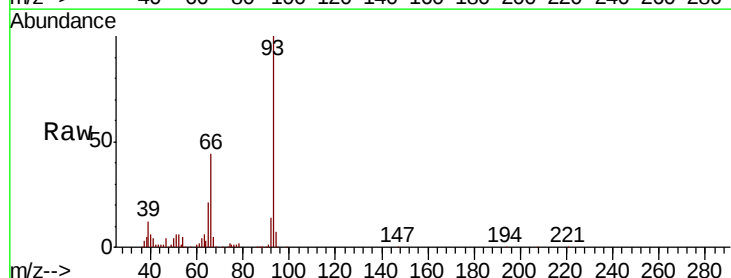
Tgt Ion: 93 Resp: 241271

Ion Ratio Lower Upper

93 100

66 44.4 35.0 52.6

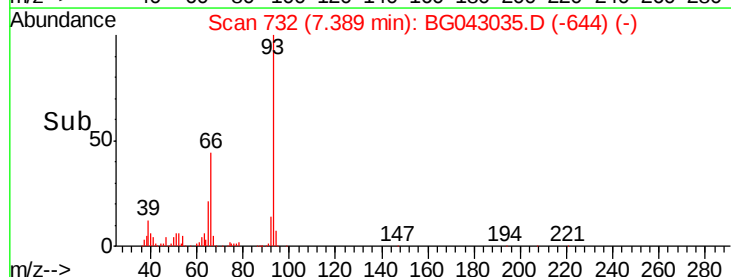
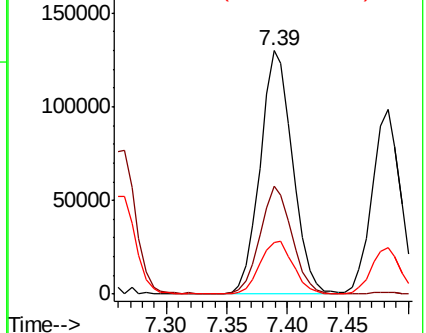
65 21.4 17.4 26.0



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: 112.375 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

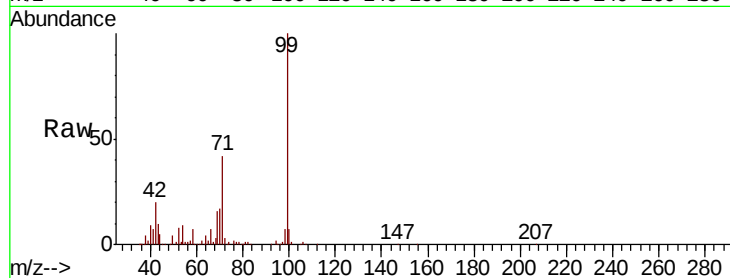
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 615614

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.2	25.8
71	41.8	33.1	49.7

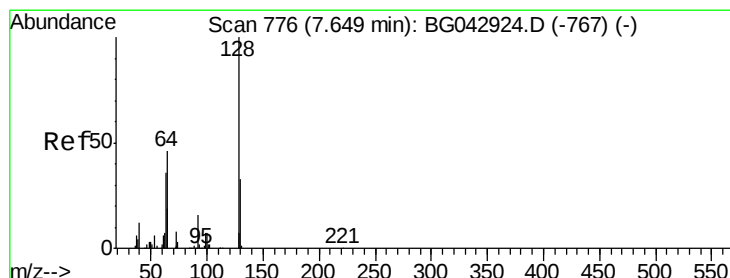
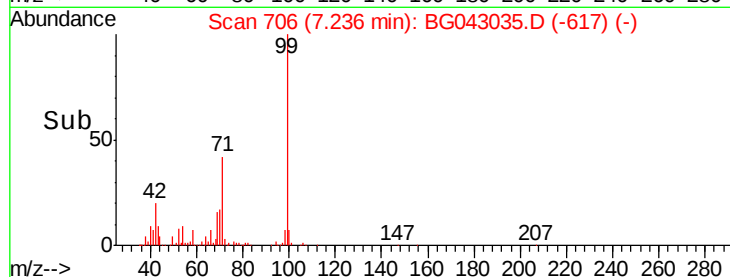
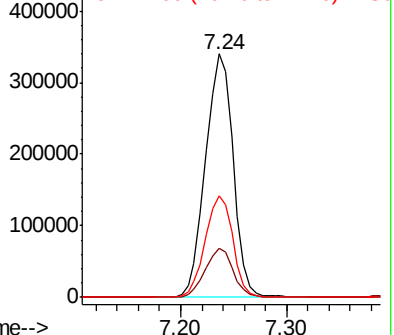


Abundance

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: 47.083 ng

RT: 7.64 min Scan# 774

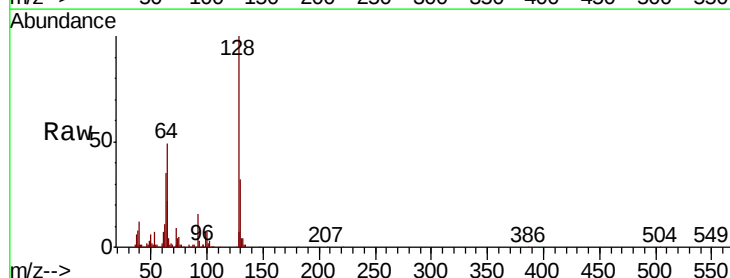
Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Tgt Ion: 128 Resp: 186792

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.5	52.5
64	49.4	32.8	72.8

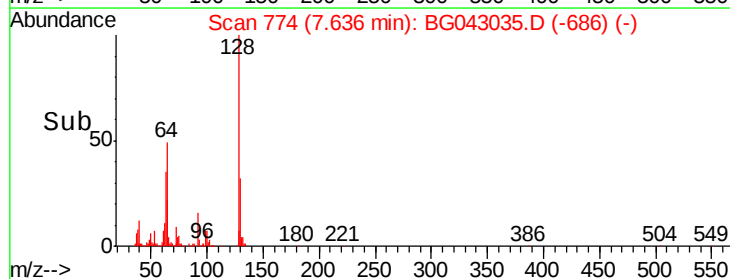
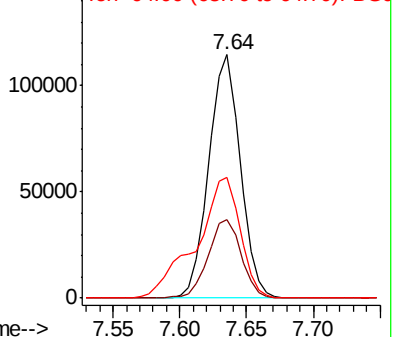


Abundance

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: 34.391 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Instrument :

BNA_G

ClientSampled :

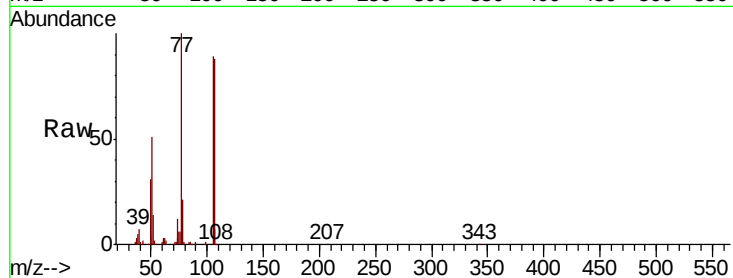
Tot Ion: 77 Resp: 115127

Ion Ratio Lower Upper

77 100

105 89.0 64.6 104.6

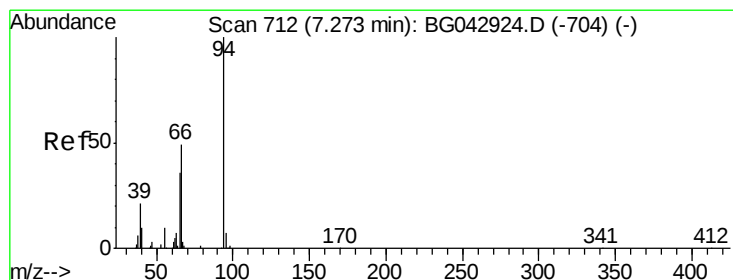
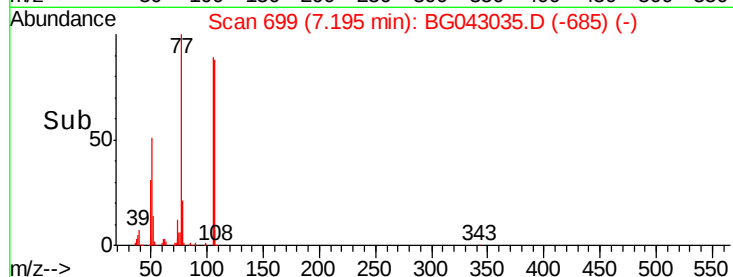
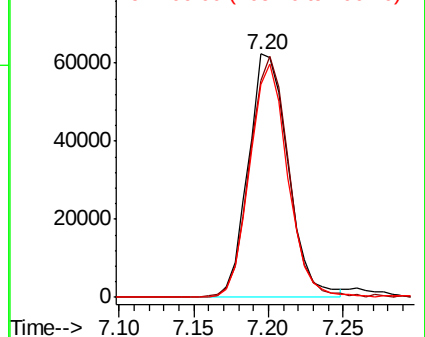
106 87.5 59.4 99.4



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: 51.087 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

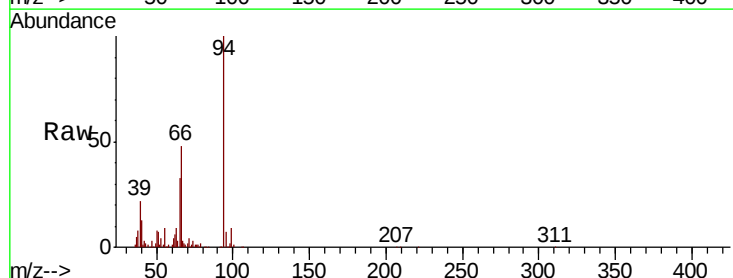
Tgt Ion: 94 Resp: 256771

Ion Ratio Lower Upper

94 100

65 32.8 16.6 56.6

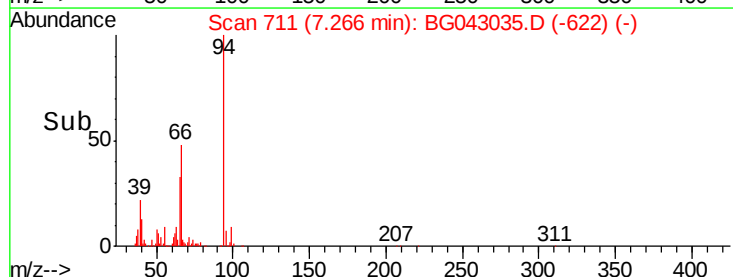
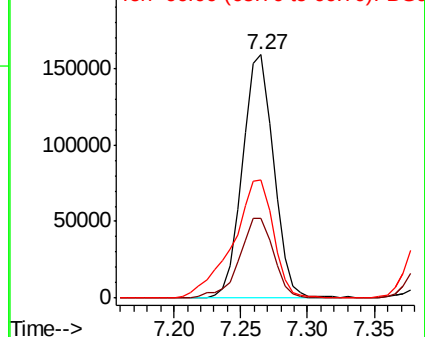
66 48.4 32.4 72.4

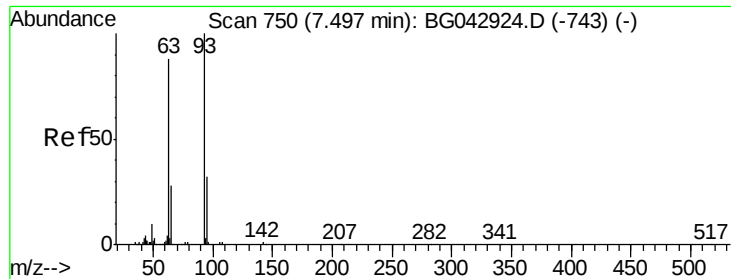


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

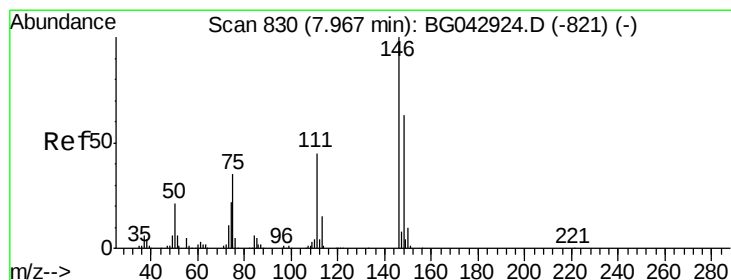
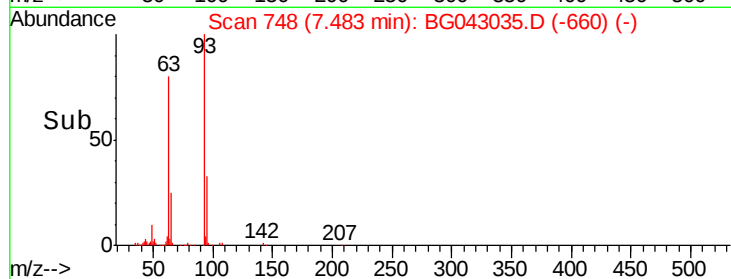
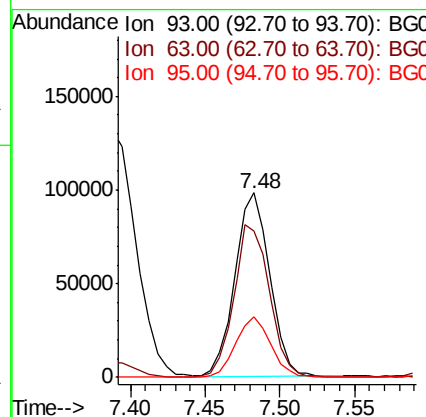
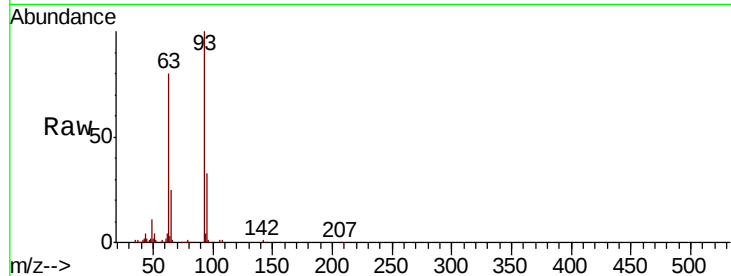




#11
 bis(2-Chloroethyl)ether
 Concen: 41.157 ng
 RT: 7.48 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BG043035.D
 Acq: 4 Oct 2019 19:33

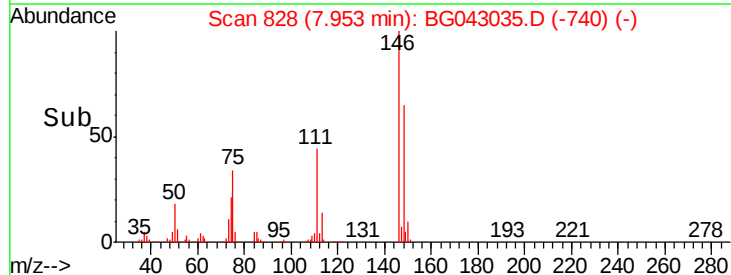
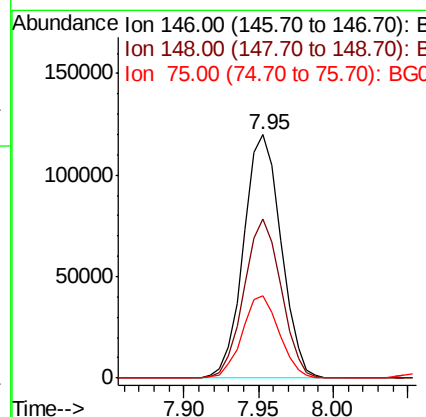
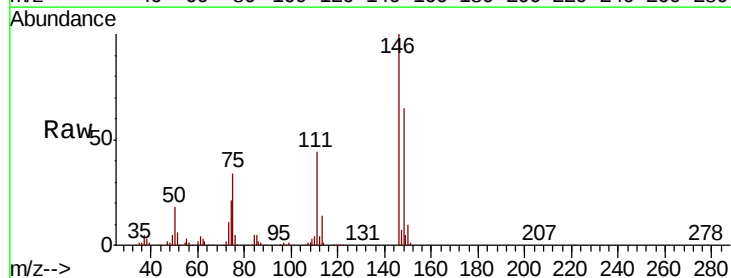
Instrument :
 BNA_G
 ClientSampleId :

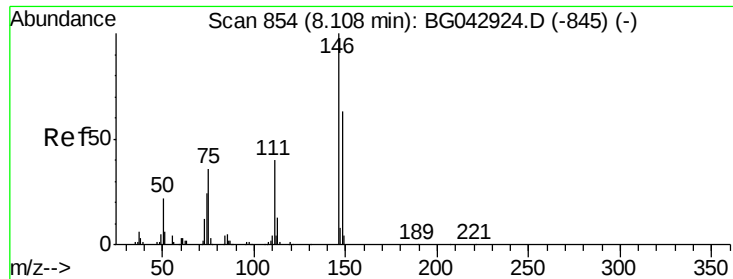
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.6	67.4	107.4
95	33.1	11.9	51.9



#12
 1,3-Dichlorobenzene
 Concen: 41.095 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BG043035.D
 Acq: 4 Oct 2019 19:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.7	76.1
75	33.7	27.7	41.5

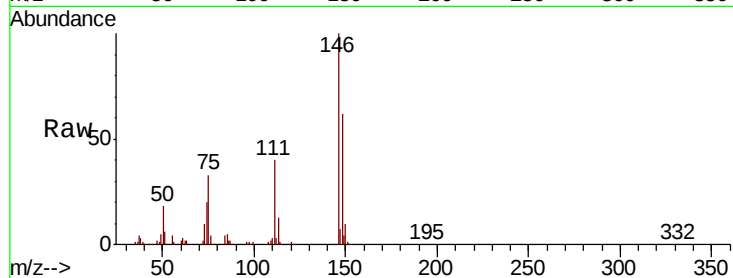




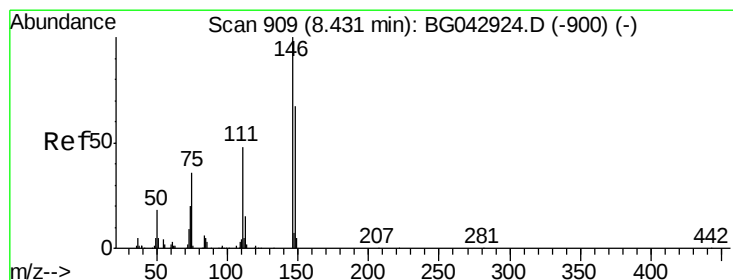
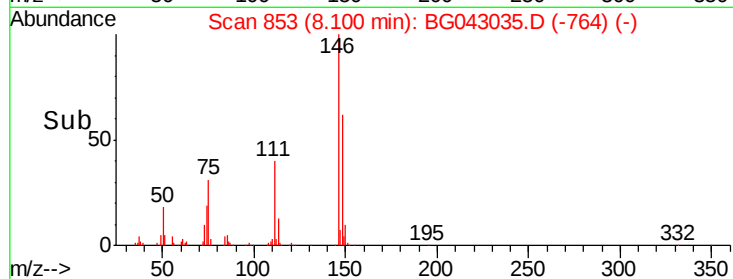
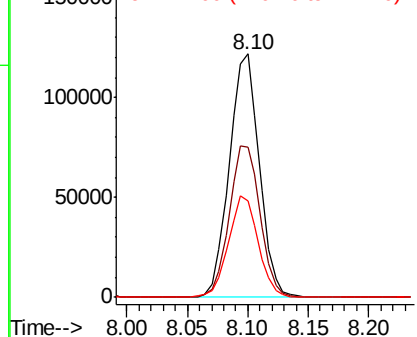
#13
 1,4-Dichlorobenzene
 Concen: 41.753 ng
 RT: 8.10 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BG043035.D
 Acq: 4 Oct 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 210650
 Ion Ratio Lower Upper
 146 100
 148 61.8 50.9 76.3
 111 39.6 31.8 47.8

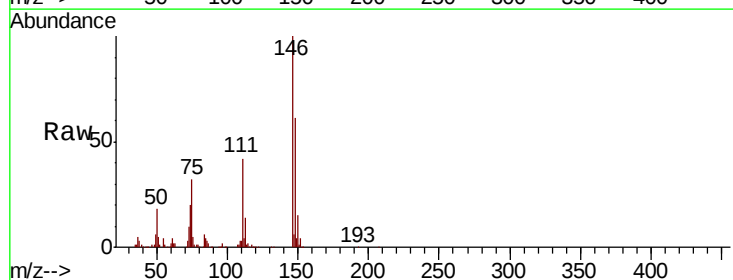


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

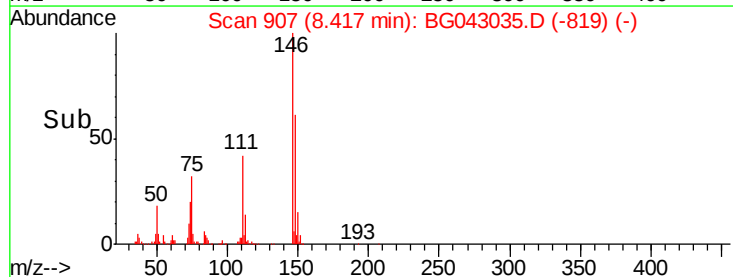
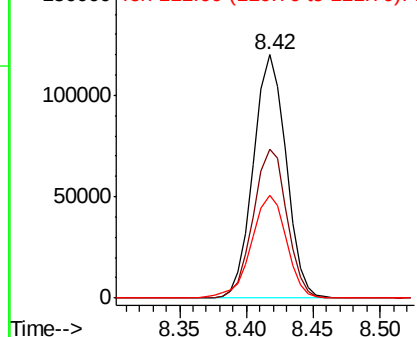


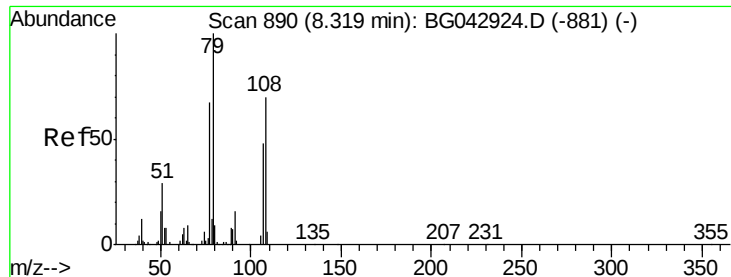
#14
 1,2-Dichlorobenzene
 Concen: 42.224 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BG043035.D
 Acq: 4 Oct 2019 19:33

Tgt Ion:146 Resp: 202813
 Ion Ratio Lower Upper
 146 100
 148 61.0 53.4 80.2
 111 42.5 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

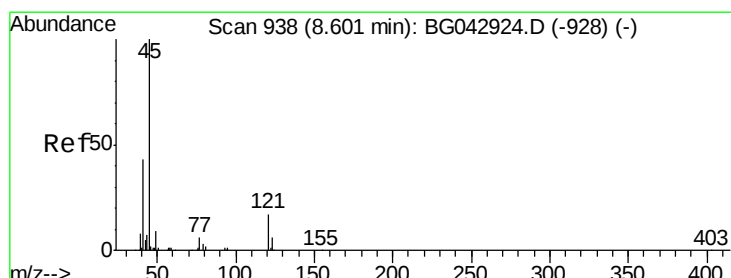
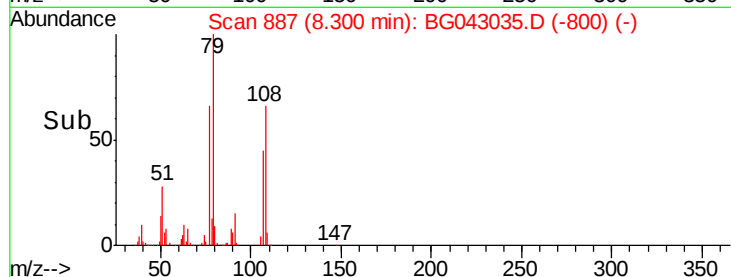
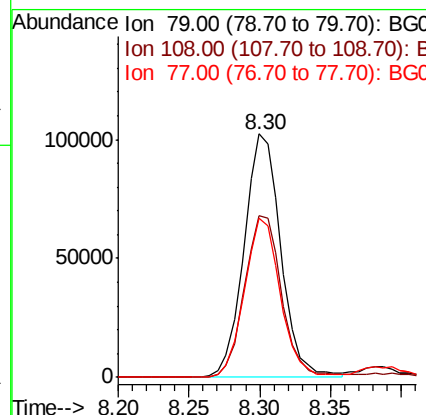
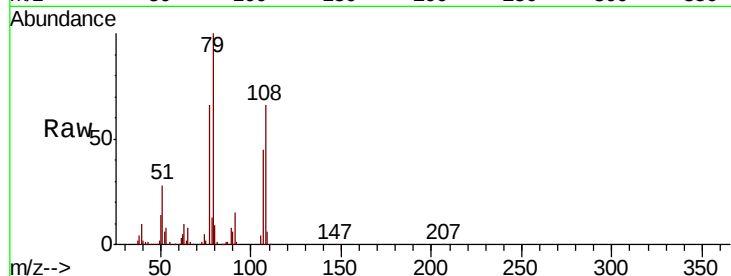




#15
Benzyl Alcohol
Concen: 45.231 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

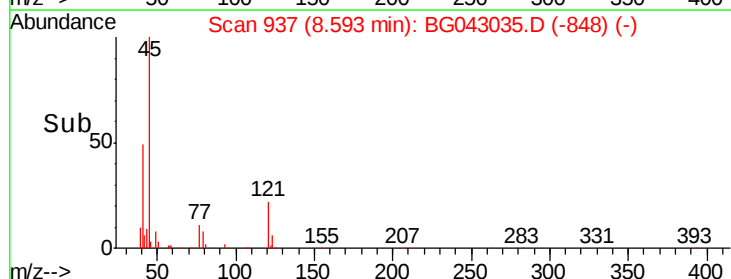
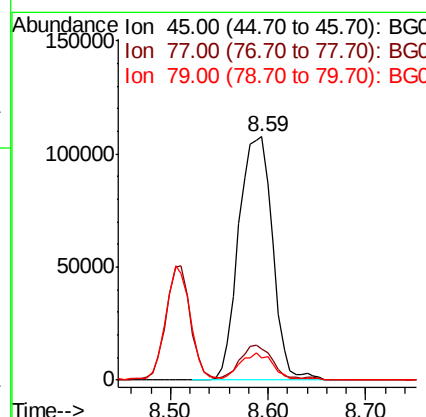
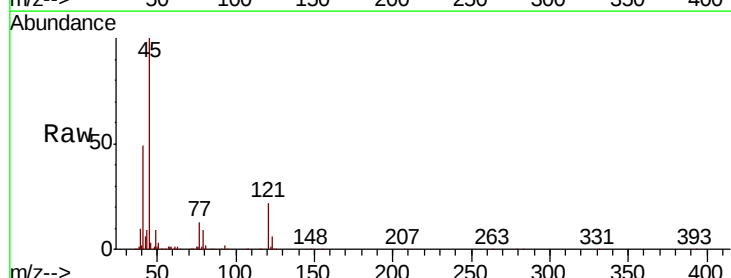
Instrument :
BNA_G
ClientSampled :

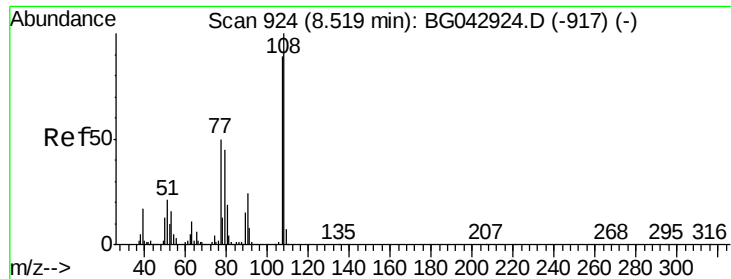
Tot Ion	Ratio	Lower	Upper
79	100		
108	66.4	55.7	83.5
77	65.6	53.3	79.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.996 ng
RT: 8.59 min Scan# 937
Delta R.T. -0.01 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.7	0.0	32.8
79	8.9	0.0	29.4

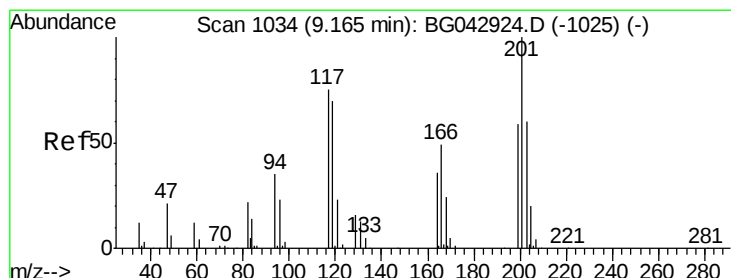
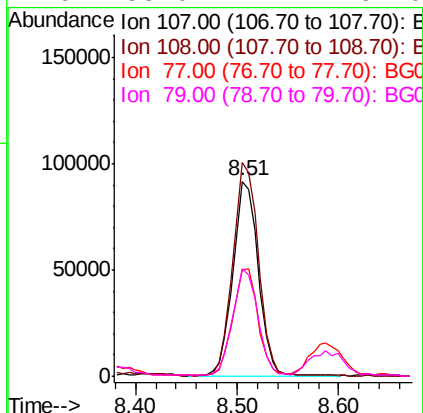
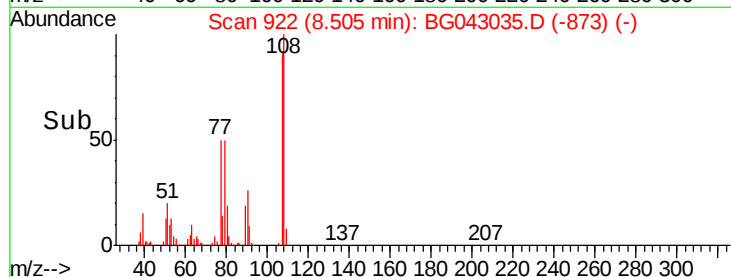
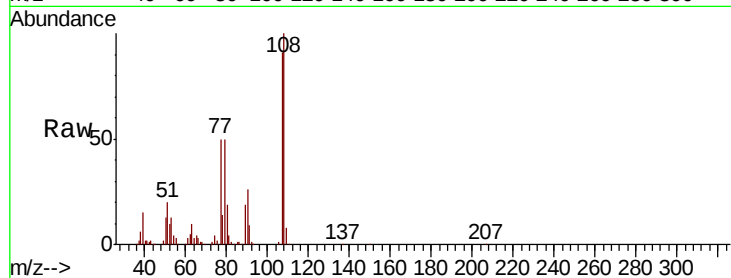




#17
2-Methylphenol
Concen: 45.163 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

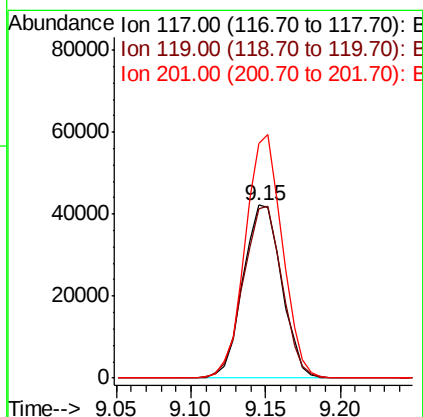
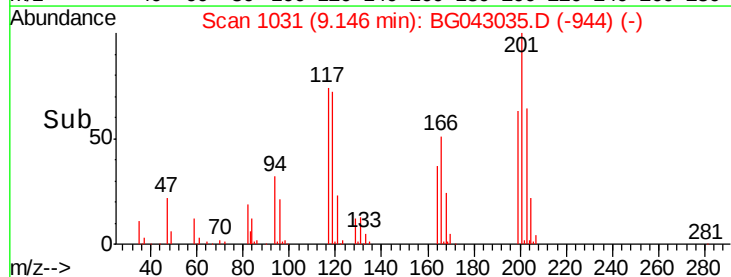
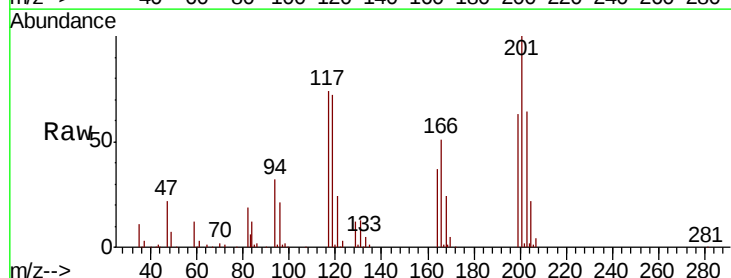
Instrument :
BNA_G
ClientSampleId :

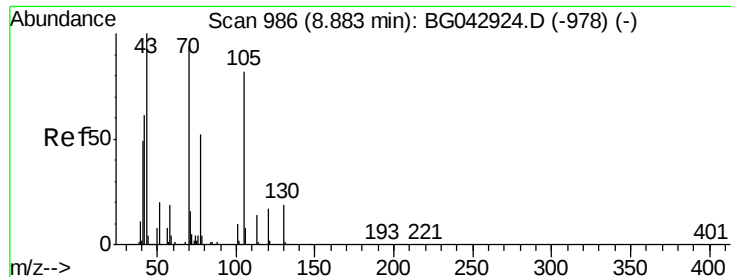
Tot Ion:	107	Resp:	158831
Ion	Ratio	Lower	Upper
107	100		
108	109.6	89.9	134.9
77	54.5	45.4	68.2
79	55.0	41.4	62.0



#18
Hexachloroethane
Concen: 39.741 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

Tgt Ion:	117	Resp:	75510
Ion	Ratio	Lower	Upper
117	100		
119	98.0	74.6	111.8
201	137.7	106.0	159.0

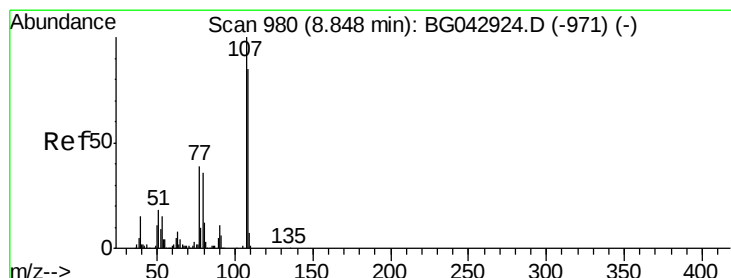
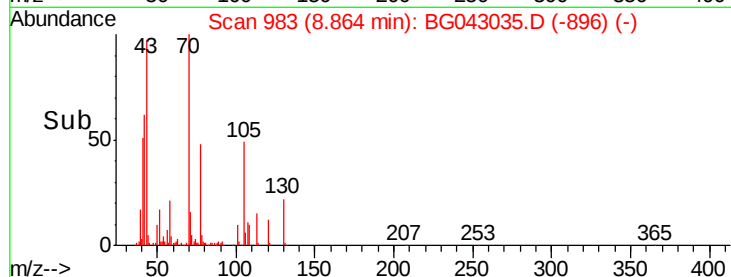
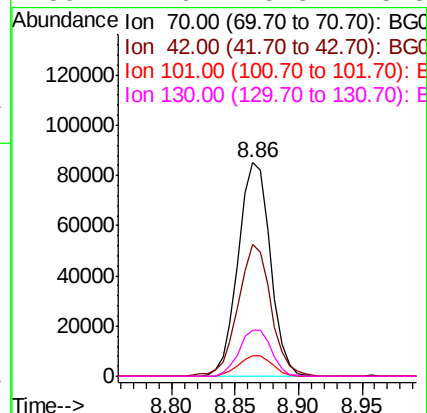
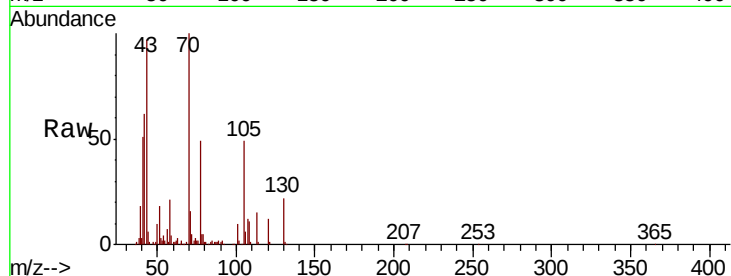




#19
n-Nitroso-di-n-propylamine
Concen: 41.600 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.02 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

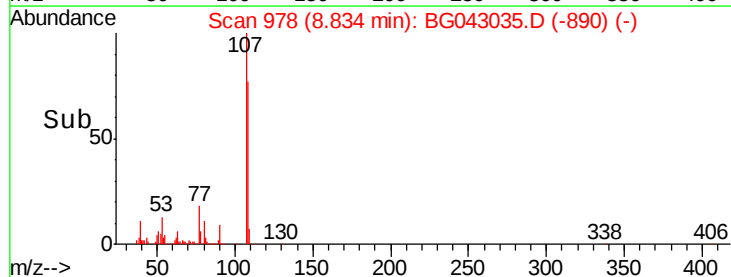
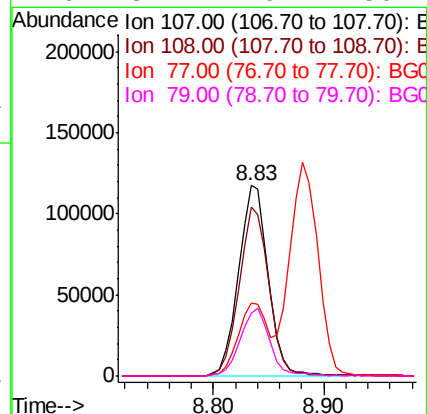
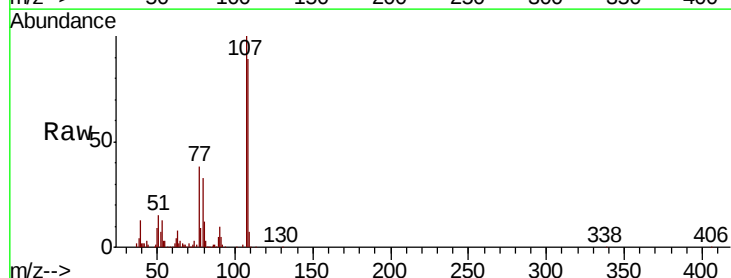
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 149643
Ion Ratio Lower Upper
70 100
42 61.8 52.6 79.0
101 9.8 8.7 13.1
130 21.9 15.8 23.8



#20
3+4-Methylphenols
Concen: 46.014 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

Tgt Ion: 107 Resp: 221765
Ion Ratio Lower Upper
107 100
108 88.8 64.9 104.9
77 38.3 19.4 59.4
79 32.7 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 246165

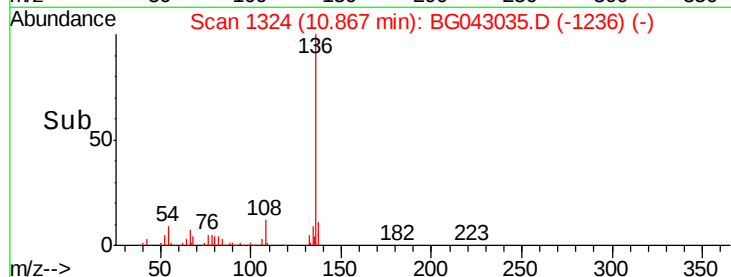
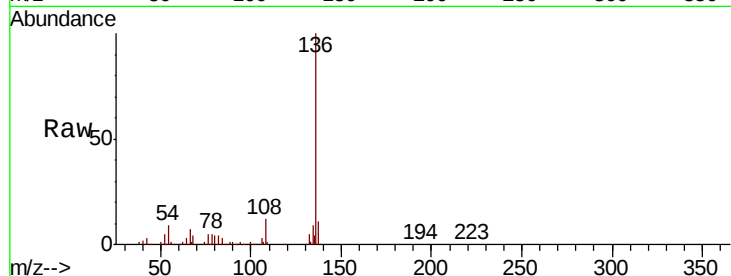
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 9.0 7.4 11.2

68 4.3 3.6 5.4

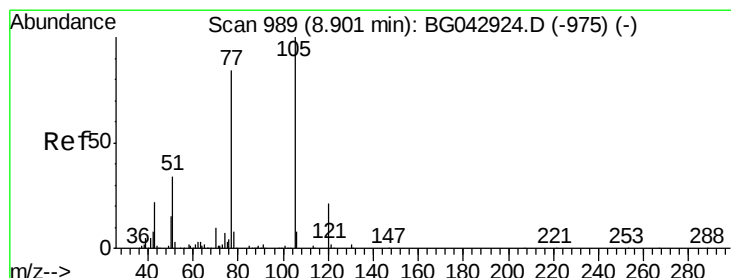
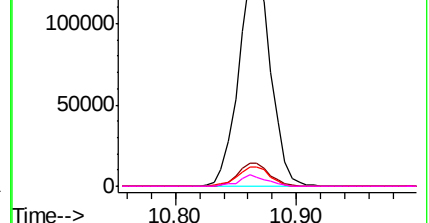


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 44.570 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.02 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Tgt Ion:105 Resp: 282814

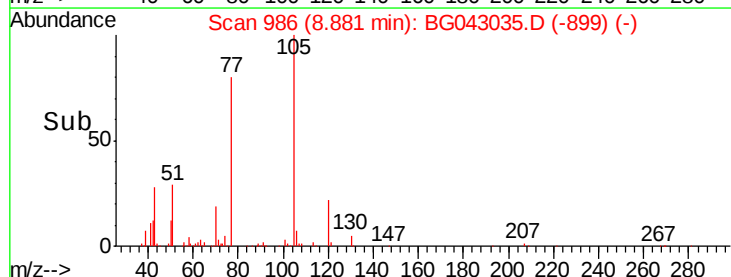
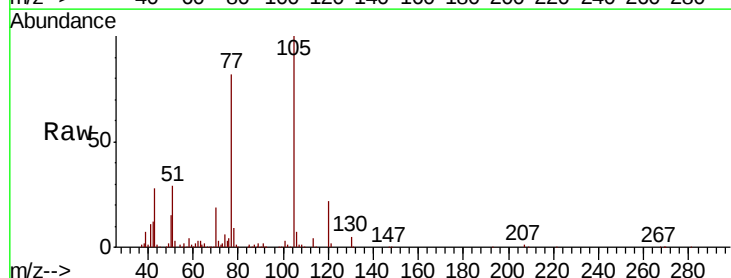
Ion Ratio Lower Upper

105 100

71 2.8 1.2 1.8#

51 29.1 27.2 40.8

120 22.5 16.9 25.3

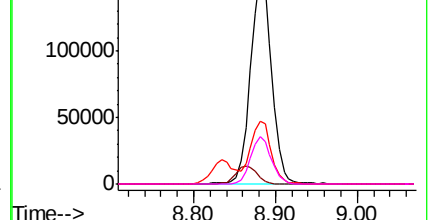


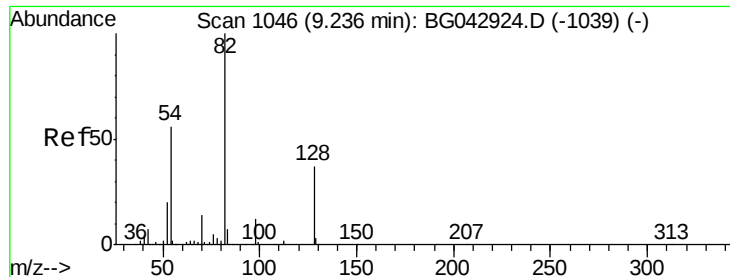
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

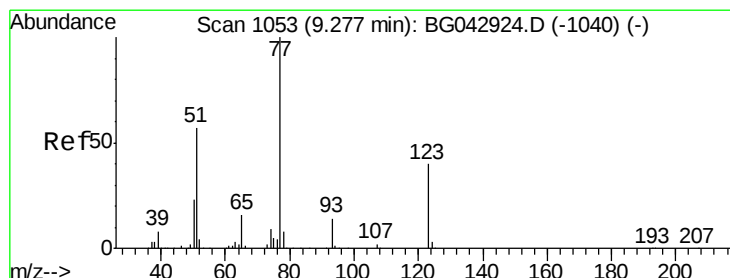
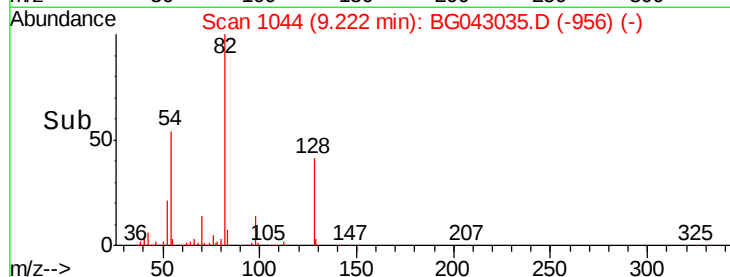
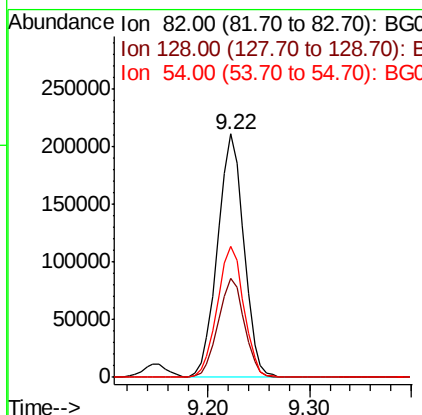
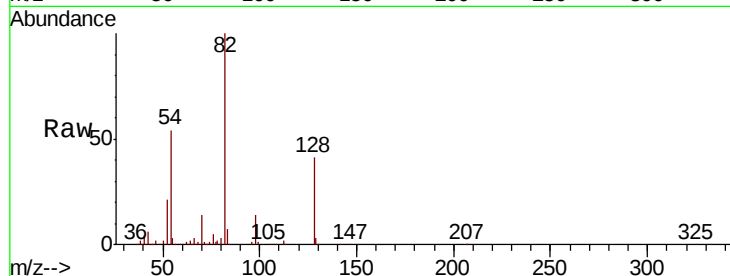




#23
Nitrobenzene-d5
Concen: 75.055 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

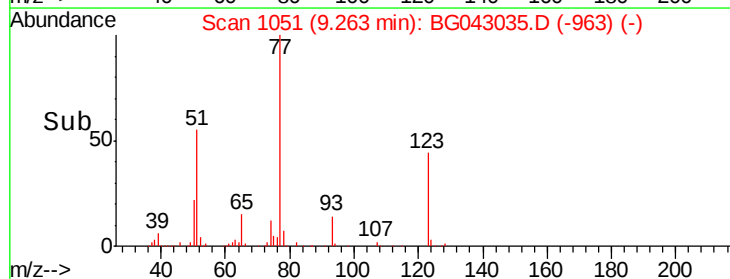
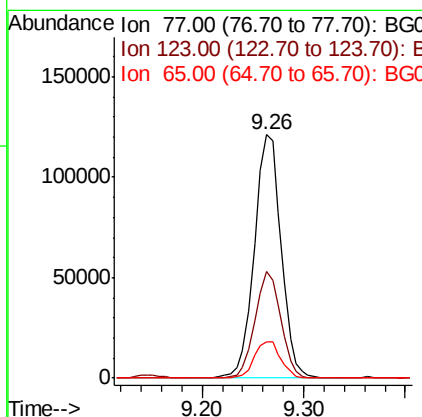
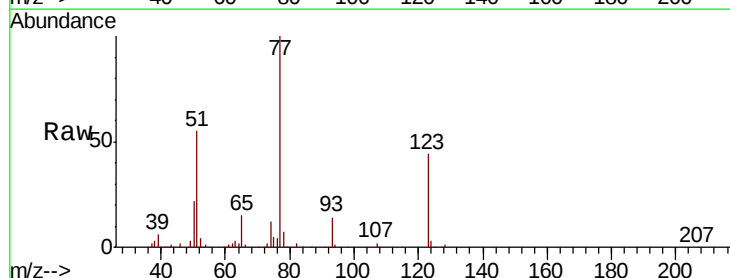
Instrument :
BNA_G
ClientSampleId :

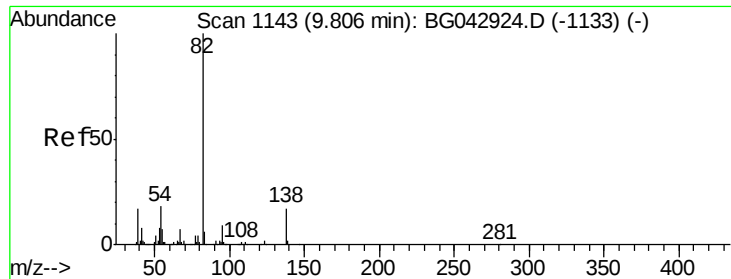
Tot Ion	82	Resp	380120
Ion Ratio	Lower	Upper	
82	100		
128	40.8	29.5	44.3
54	53.6	44.6	67.0



#24
Nitrobenzene
Concen: 45.995 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

Tgt Ion	77	Resp	222195
Ion Ratio	Lower	Upper	
77	100		
123	43.9	31.9	47.9
65	14.7	12.4	18.6





#25

Isophorone

Concen: 46.109 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Instrument :

BNA_G

ClientSampleId :

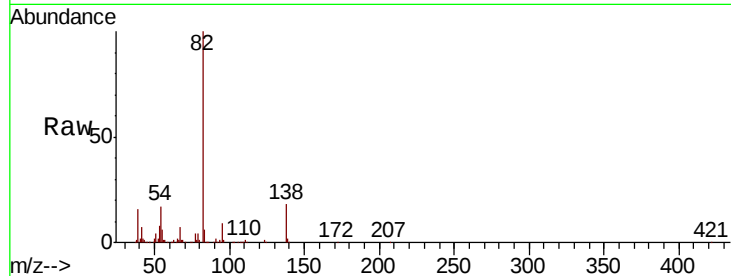
Tot Ion: 82 Resp: 410192

Ion Ratio Lower Upper

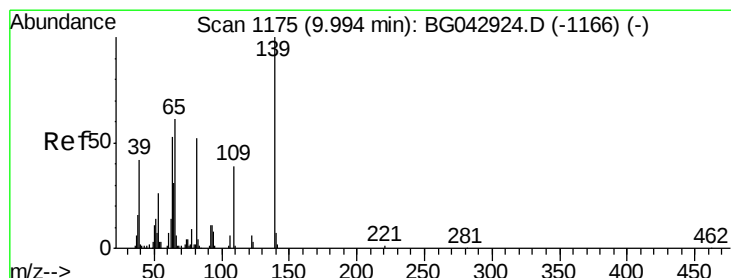
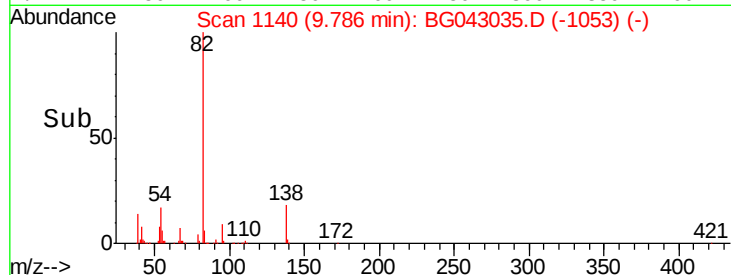
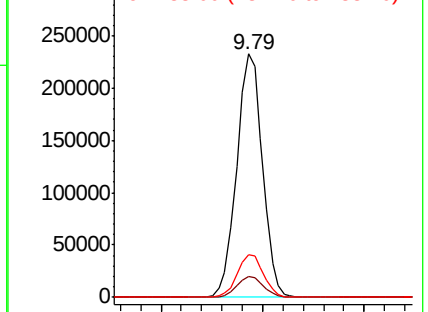
82 100

95 8.7 7.0 10.4

138 17.7 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: 52.881 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

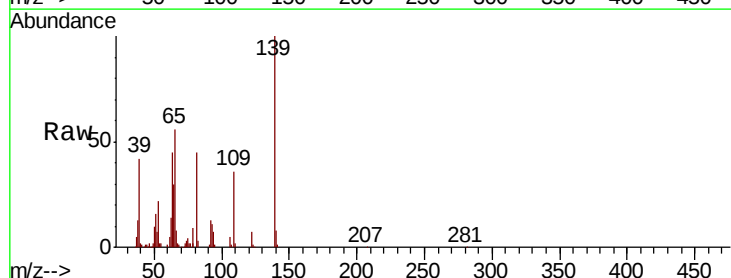
Tgt Ion: 139 Resp: 108748

Ion Ratio Lower Upper

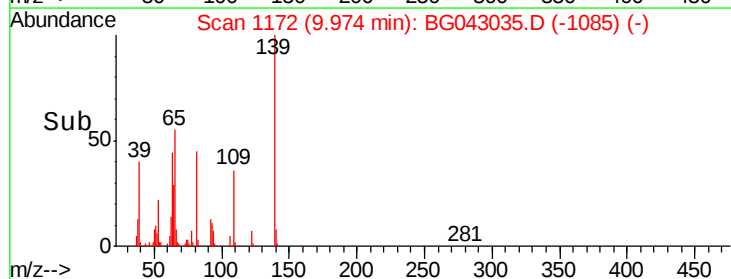
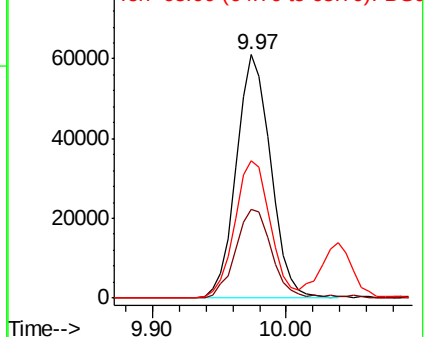
139 100

109 36.2 31.0 46.6

65 56.3 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: 55.464 ng

RT: 10.04 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Instrument :

BNA_G

ClientSampleId :

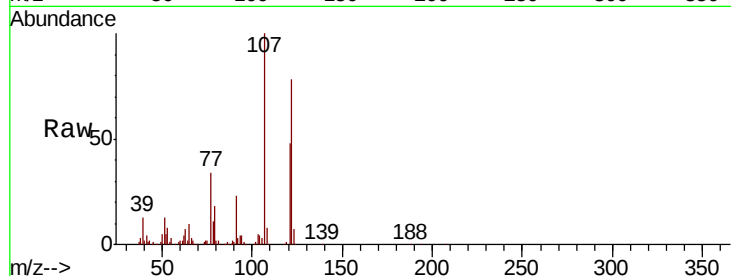
Tot Ion:122 Resp: 175165

Ion Ratio Lower Upper

122 100

107 127.8 102.2 153.2

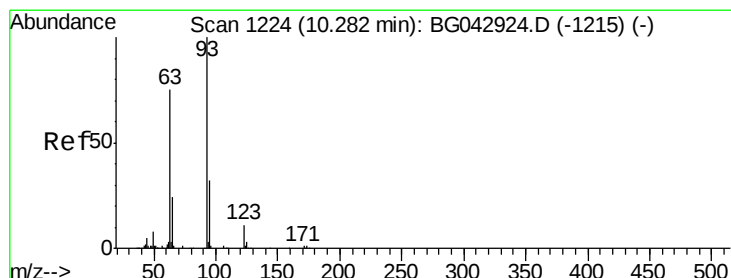
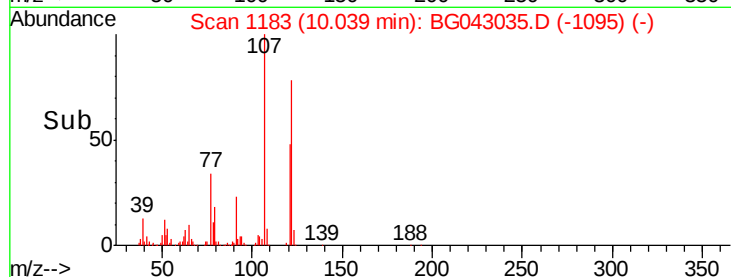
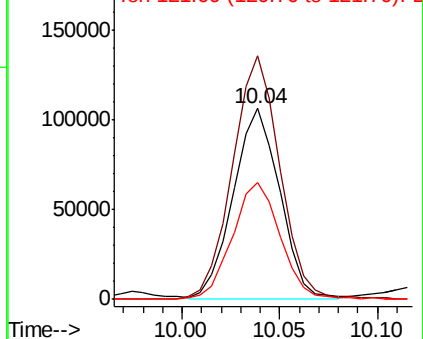
121 61.7 48.5 72.7



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: 45.000 ng

RT: 10.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

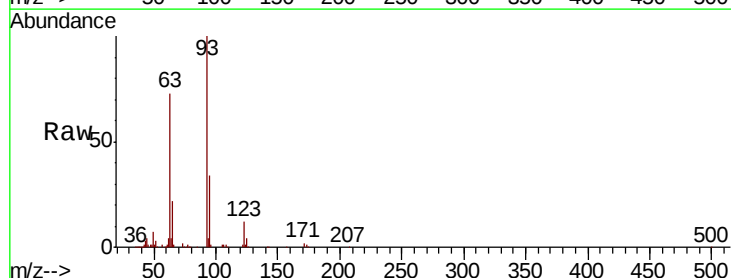
Tgt Ion: 93 Resp: 227131

Ion Ratio Lower Upper

93 100

95 34.4 25.4 38.0

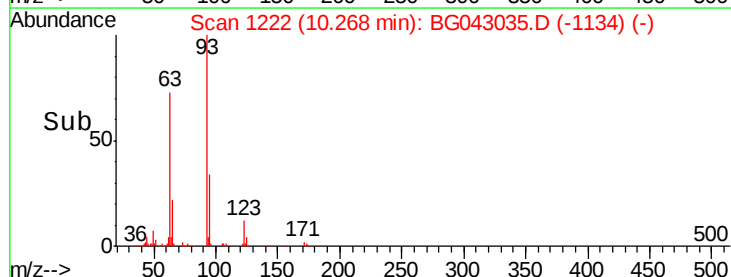
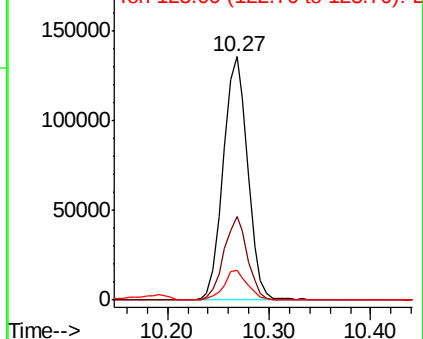
123 12.2 9.3 13.9

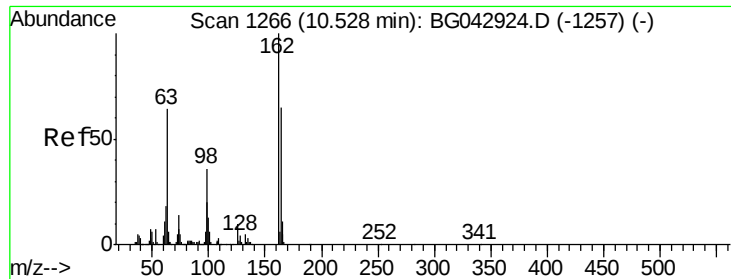


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

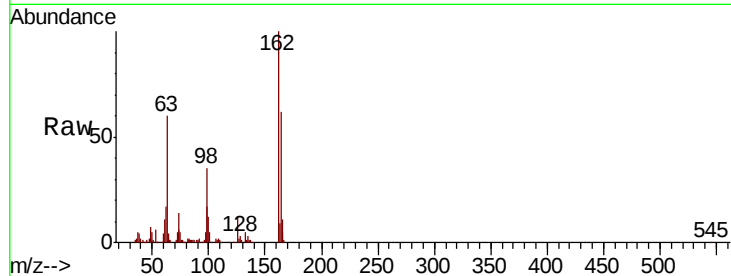




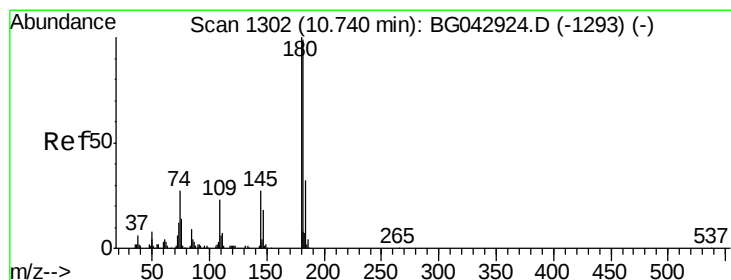
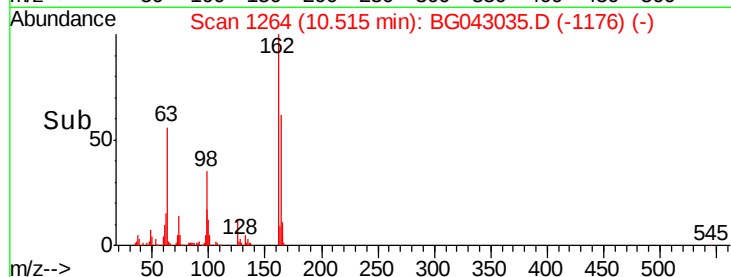
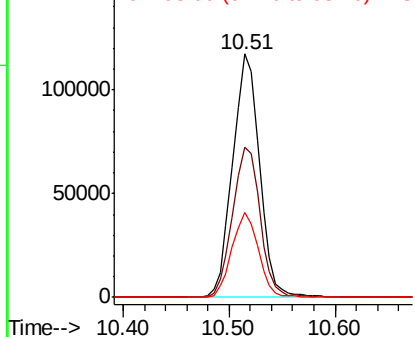
#29
 2,4-Dichlorophenol
 Concen: 52.523 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG043035.D
 Acq: 4 Oct 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	162	Resp:	206300
Ion	Ratio	Lower	Upper
162	100		
164	61.7	44.7	84.7
98	35.1	16.0	56.0

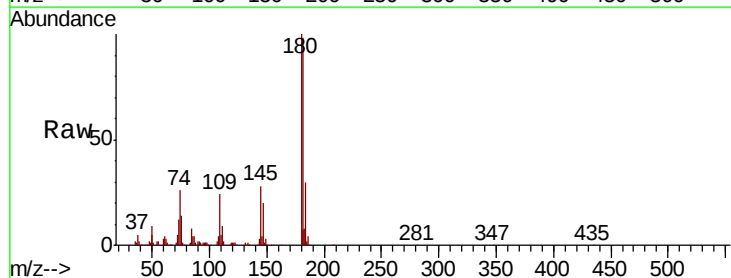


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

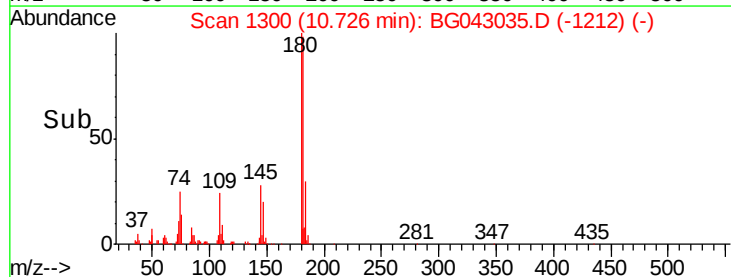
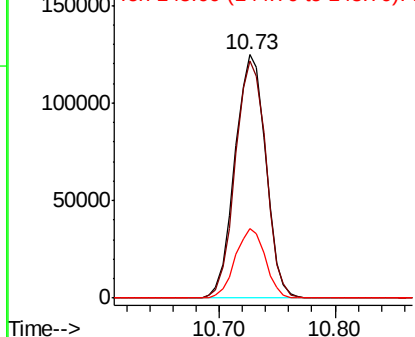


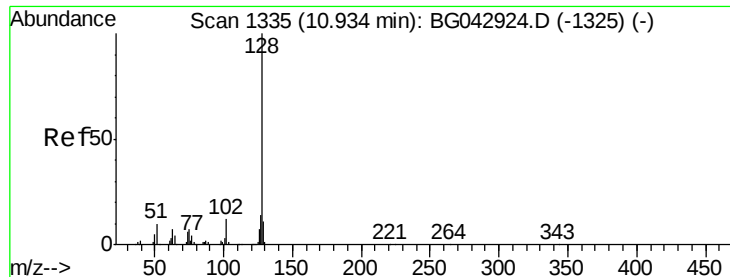
#30
 1,2,4-Trichlorobenzene
 Concen: 45.454 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG043035.D
 Acq: 4 Oct 2019 19:33

Tgt Ion:	180	Resp:	230556
Ion	Ratio	Lower	Upper
180	100		
182	97.5	79.3	118.9
145	28.4	22.0	33.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

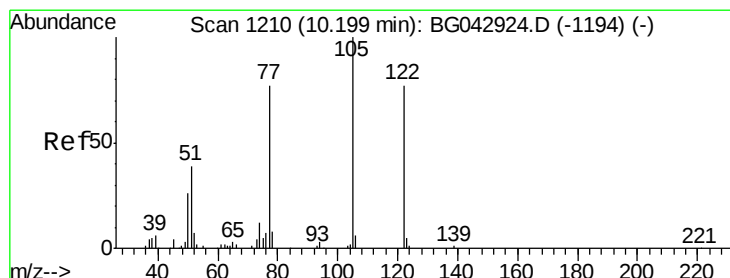
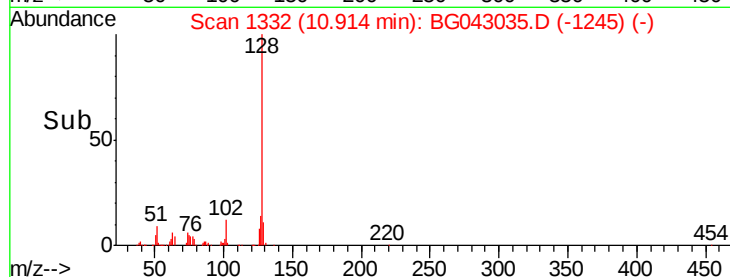
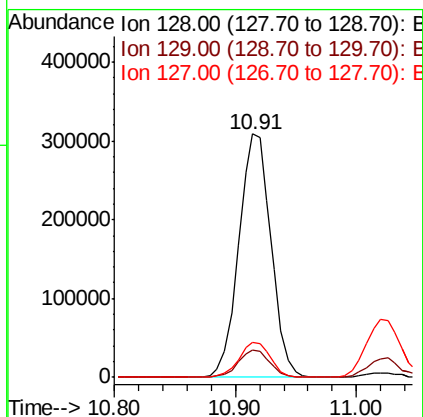
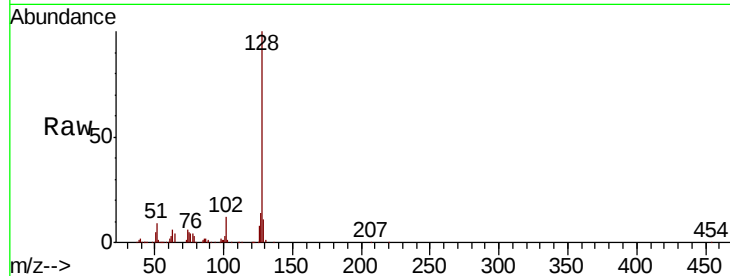




#31
Naphthalene
Concen: 47.199 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

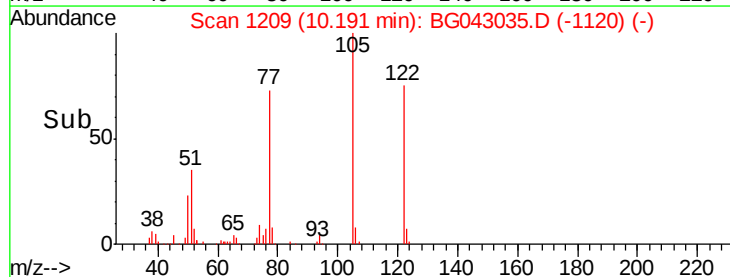
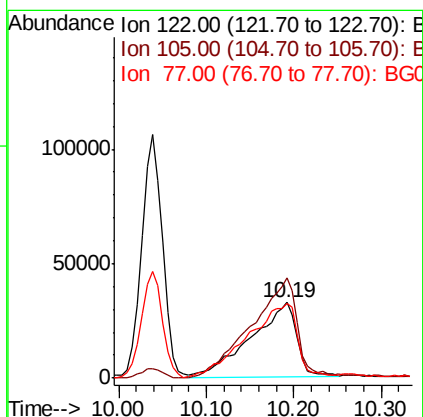
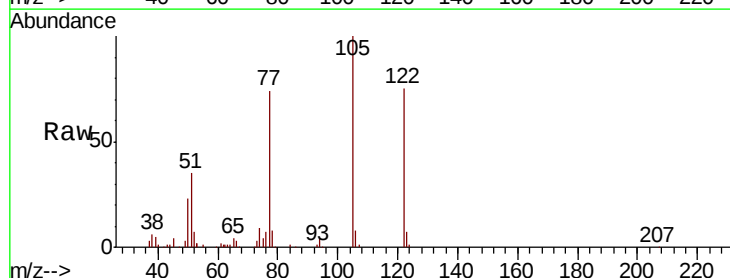
Instrument :
BNA_G
ClientSampleId :

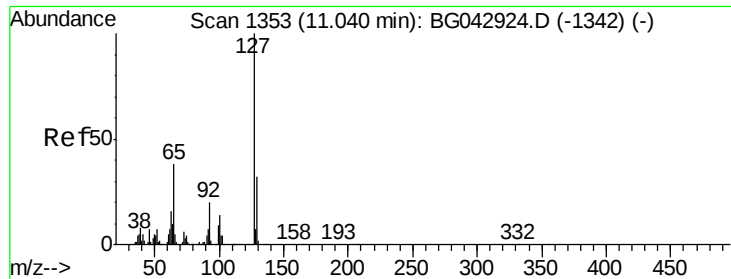
Tot Ion:128 Resp: 571949
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 14.3 11.3 16.9



#32
Benzoic acid
Concen: 47.321 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

Tgt Ion:122 Resp: 115993
Ion Ratio Lower Upper
122 100
105 132.8 107.5 147.5
77 97.9 79.8 119.8

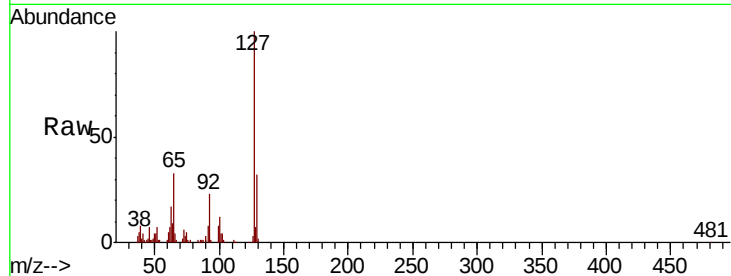




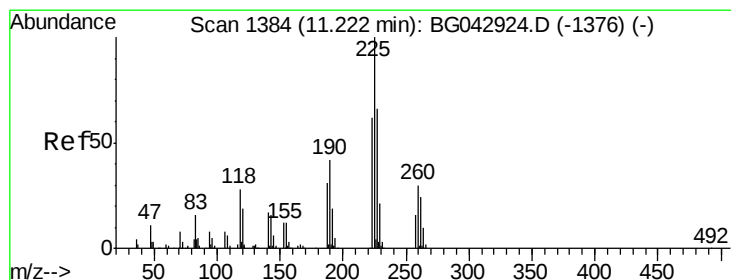
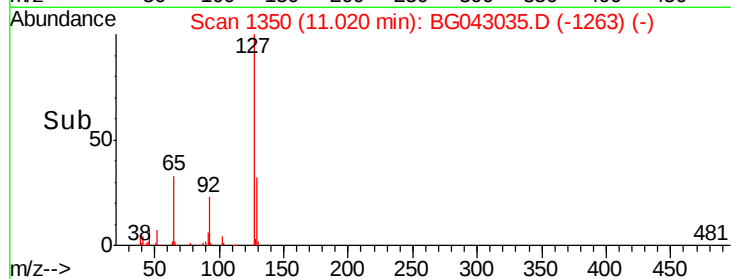
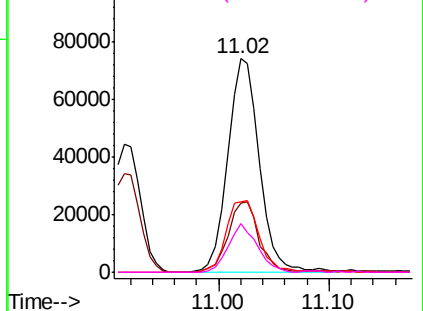
#33
4-Chloroaniline
Concen: 28.279 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	148699
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	33.2	30.6	45.8
92	23.0	16.2	24.4

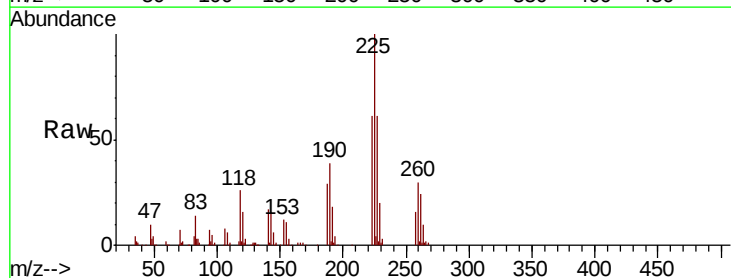


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

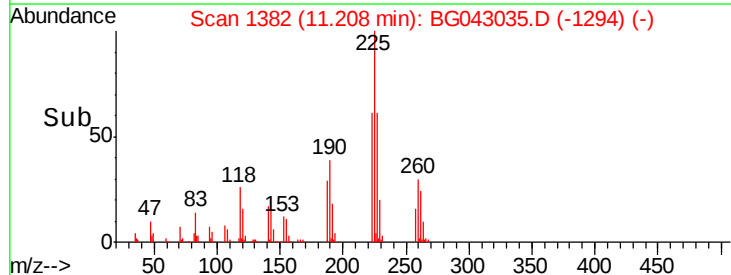
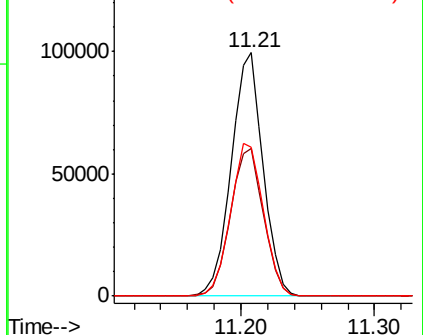


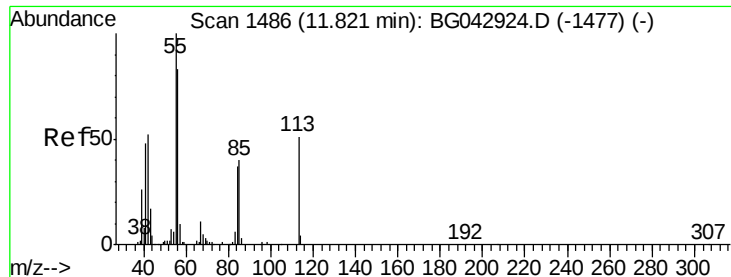
#34
Hexachlorobutadiene
Concen: 43.239 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

Tgt Ion:	225	Resp:	164218
Ion	Ratio	Lower	Upper
225	100		
223	60.5	49.3	73.9
227	61.2	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: 24.859 ng

RT: 11.80 min Scan# 1482

Delta R.T. -0.03 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Instrument :

BNA_G

ClientSampled :

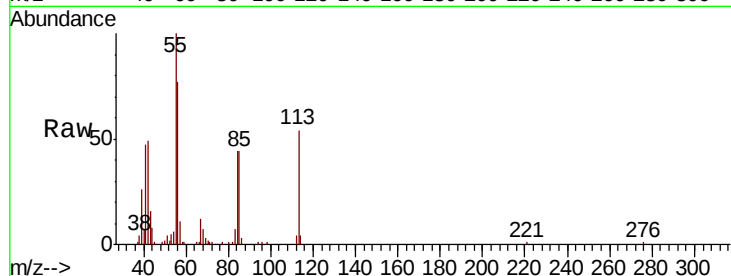
Tot Ion:113 Resp: 34433

Ion Ratio Lower Upper

113 100

55 186.1 175.5 215.5

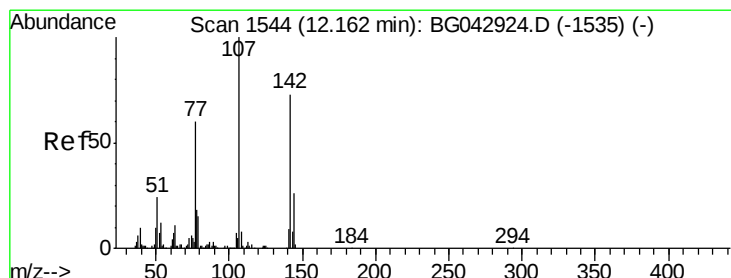
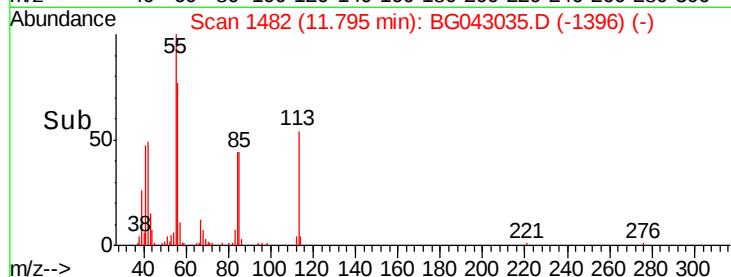
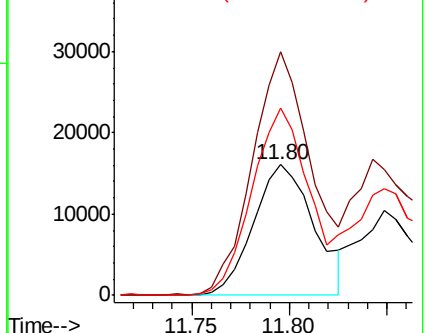
56 143.0 142.3 182.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 50.085 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

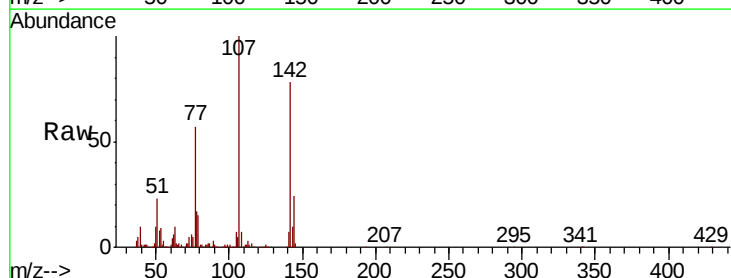
Tgt Ion:107 Resp: 213896

Ion Ratio Lower Upper

107 100

144 24.1 20.7 31.1

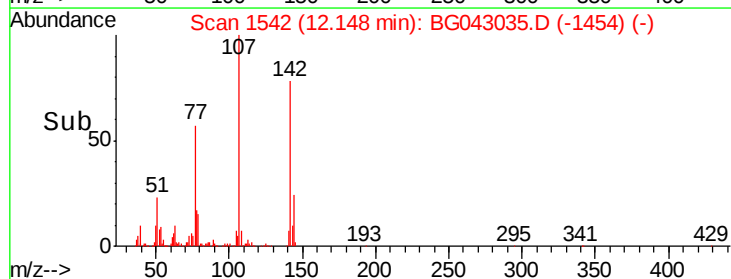
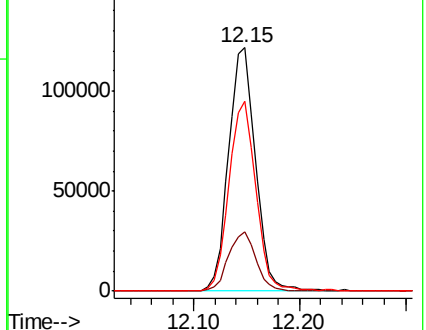
142 77.7 58.6 87.8

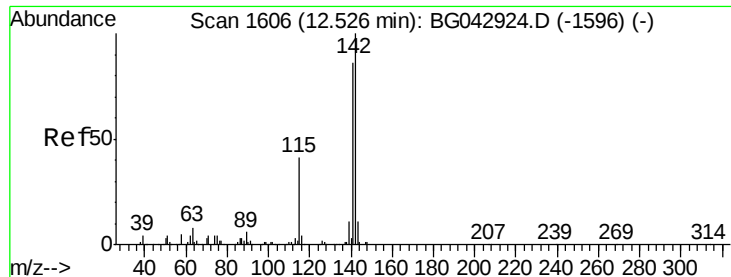


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

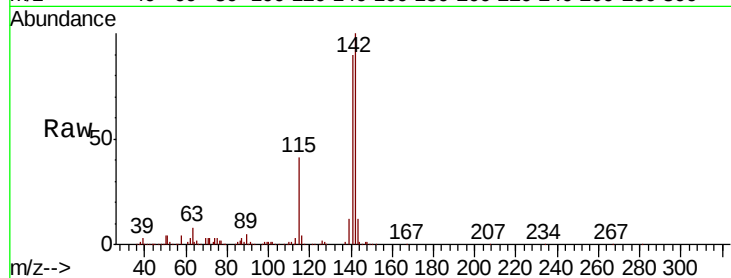




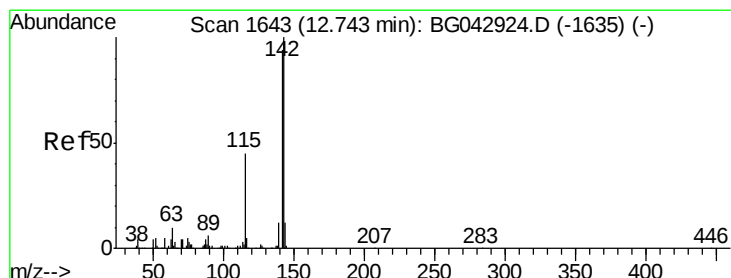
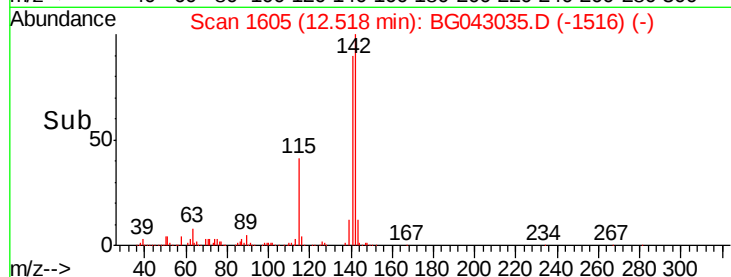
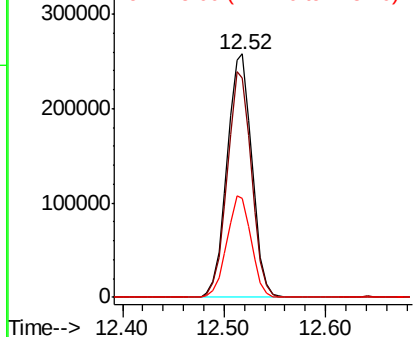
#37
2-Methylnaphthalene
Concen: 47.482 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	69.0	103.4
115	40.8	32.8	49.2

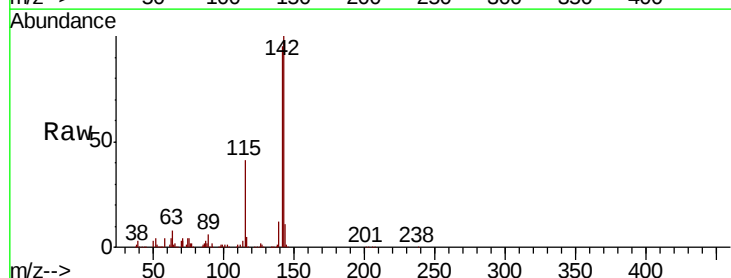


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

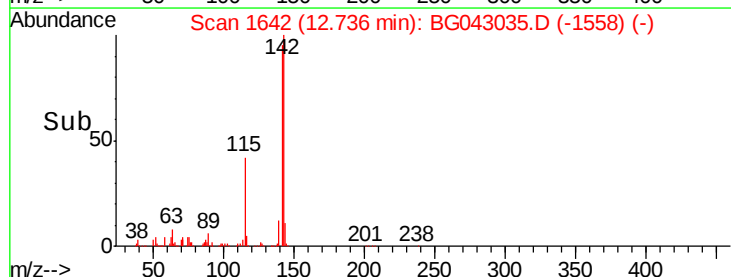
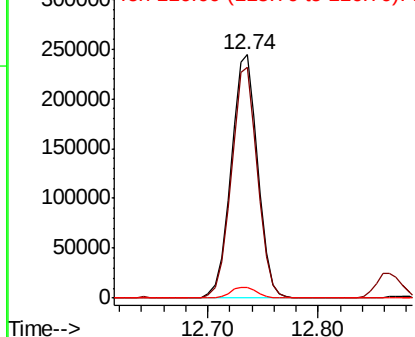


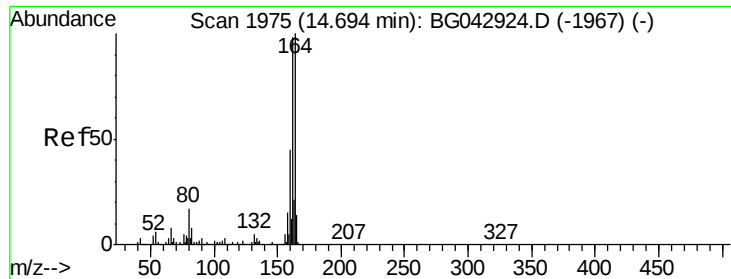
#38
1-Methylnaphthalene
Concen: 46.942 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	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

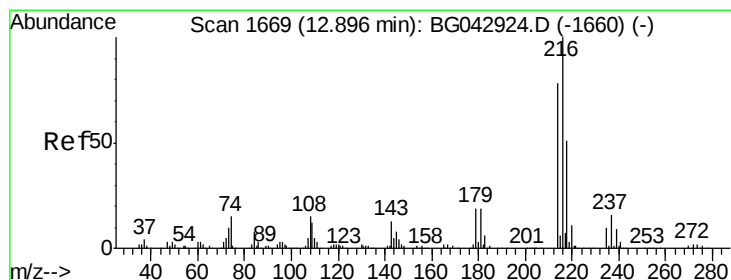
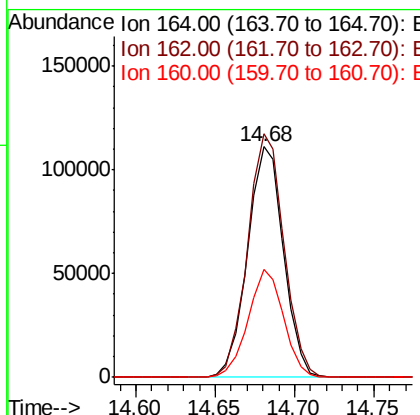
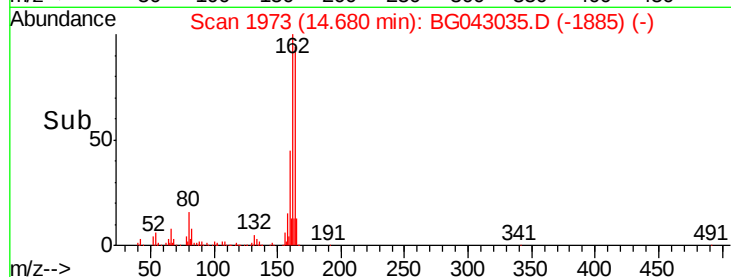
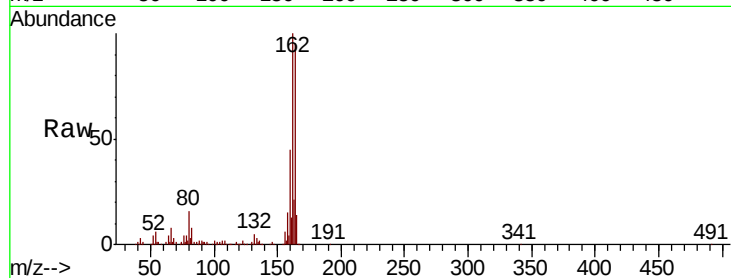




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

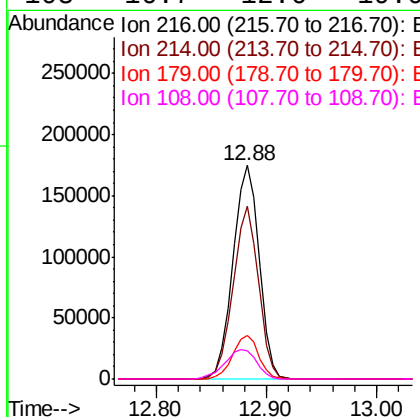
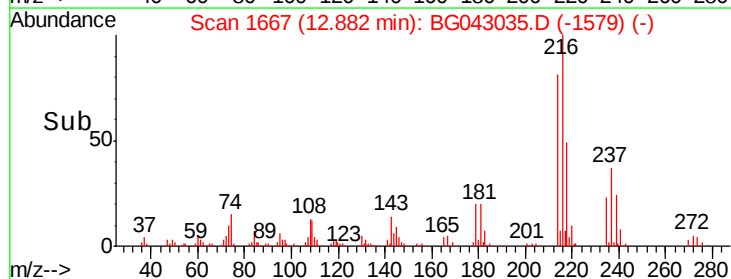
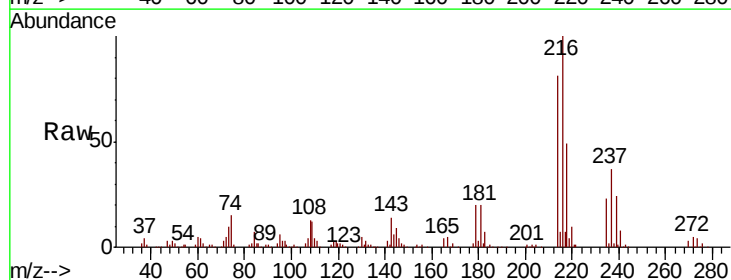
Instrument :
BNA_G
ClientSampleId :

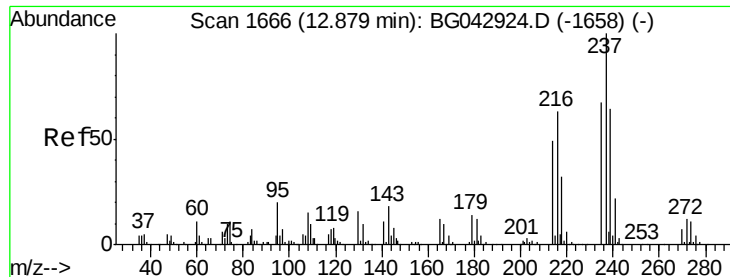
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.6	78.5	117.7
160	47.0	35.9	53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.282 ng
RT: 12.88 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.4	93.6
179	20.0	15.4	23.2
108	16.7	12.6	19.0





#41

Hexachlorocyclopentadiene

Concen: 101.345 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Instrument :

BNA_G

ClientSampleId :

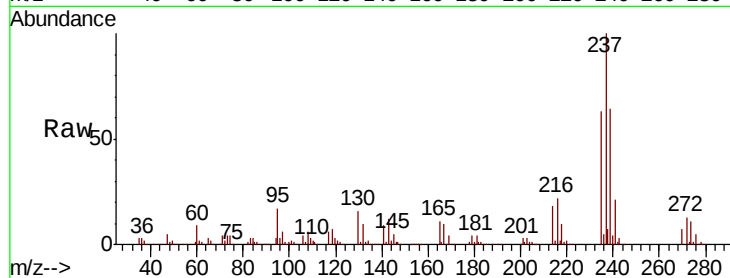
Tot Ion:237 Resp: 424838

Ion Ratio Lower Upper

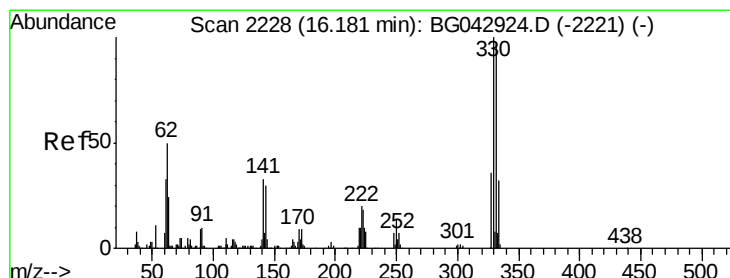
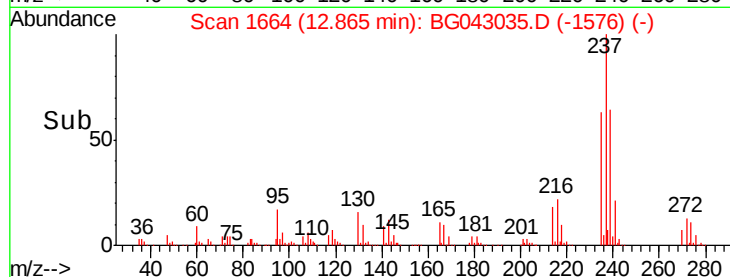
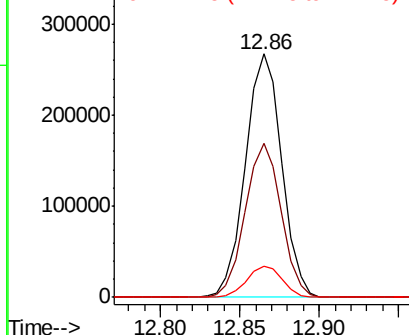
237 100

235 63.1 46.7 86.7

272 13.0 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: 120.133 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

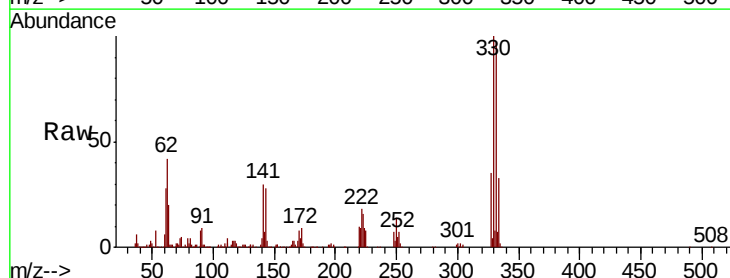
Tgt Ion:330 Resp: 361474

Ion Ratio Lower Upper

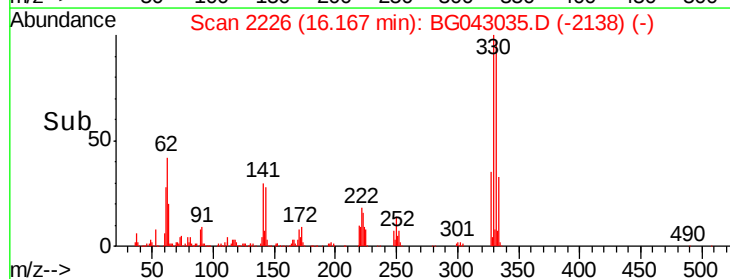
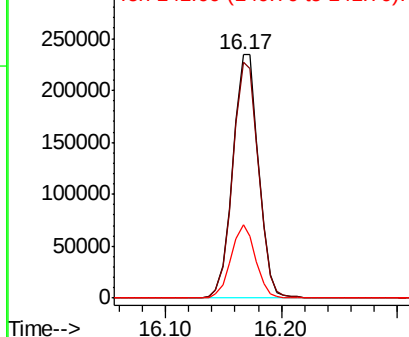
330 100

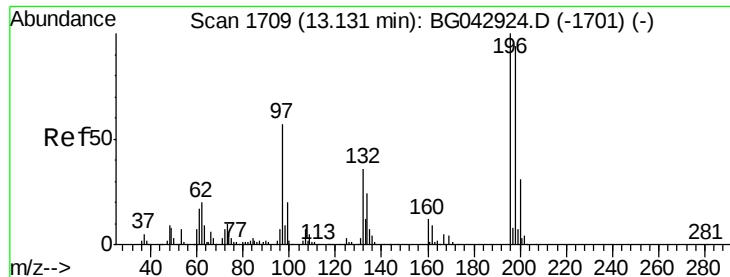
332 96.8 78.2 117.2

141 28.9 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

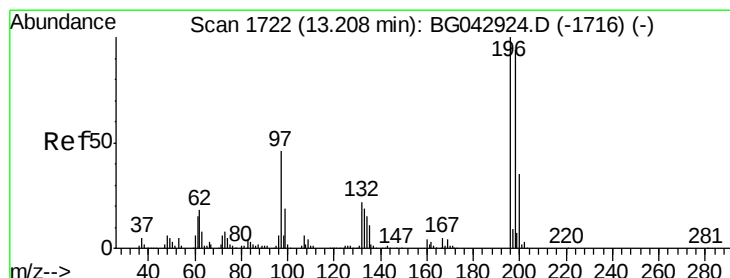
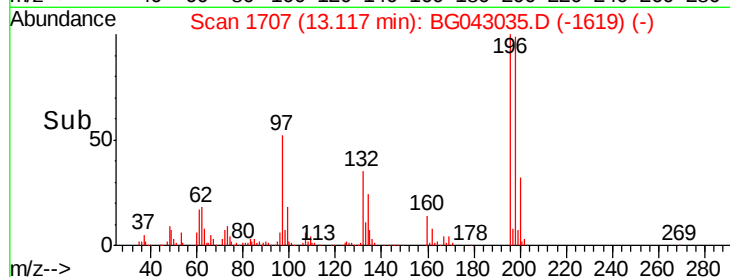
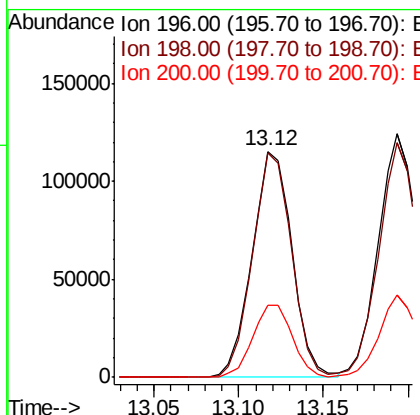
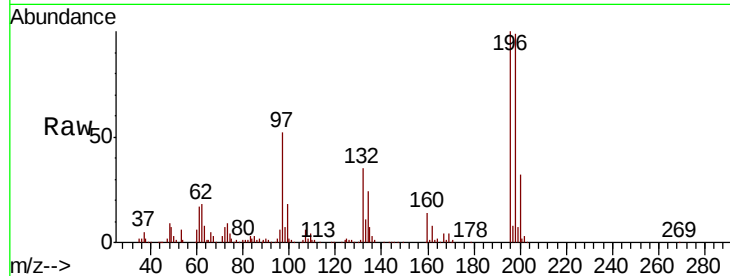




#43
 2,4,6-Trichlorophenol
 Concen: 49.205 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG043035.D
 Acq: 4 Oct 2019 19:33

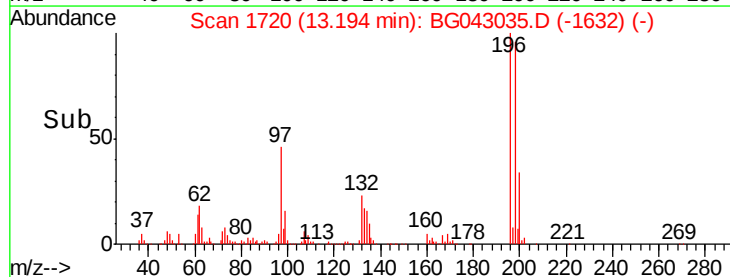
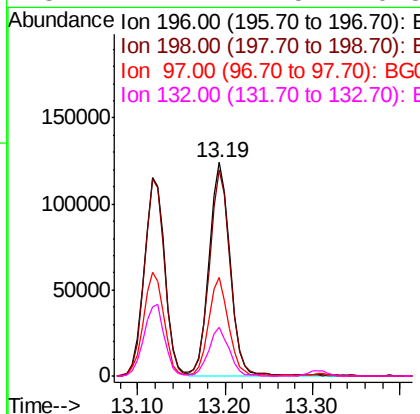
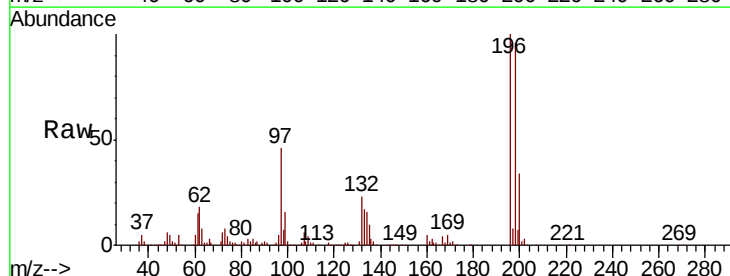
Instrument :
 BNA_G
 ClientSampleId :

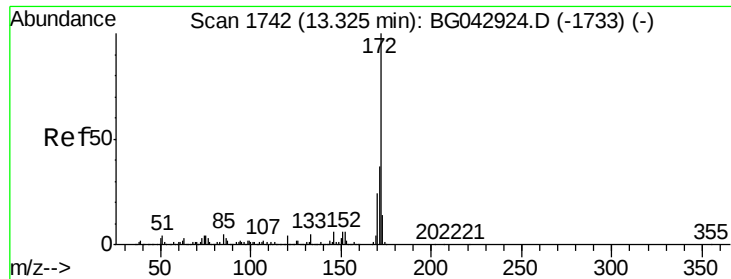
Tot Ion	196	Resp	189479
Ion Ratio	Lower	Upper	
196	100		
198	99.5	75.5	113.3
200	31.8	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 52.698 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG043035.D
 Acq: 4 Oct 2019 19:33

Tgt Ion	196	Resp	209051
Ion Ratio	Lower	Upper	
196	100		
198	96.4	75.1	112.7
97	46.5	37.0	55.4
132	22.7	17.5	26.3

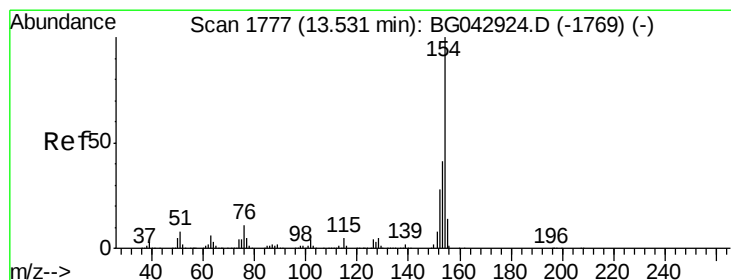
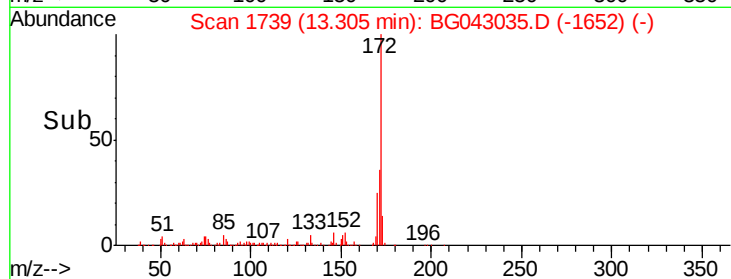
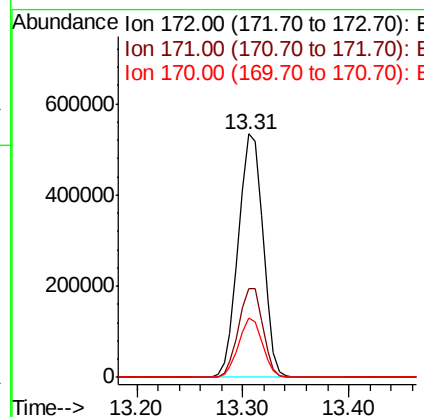
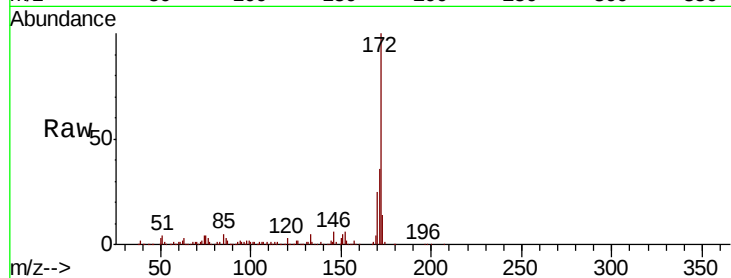




#45
 2-Fluorobiphenyl
 Concen: 71.272 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG043035.D
 Acq: 4 Oct 2019 19:33

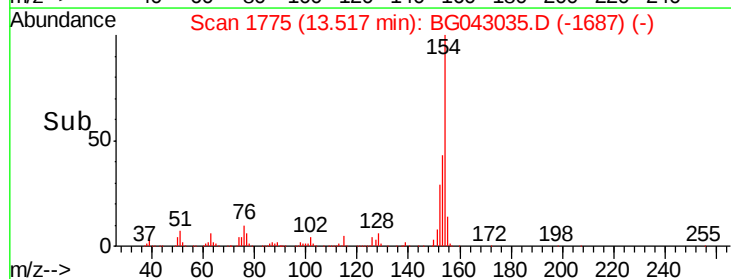
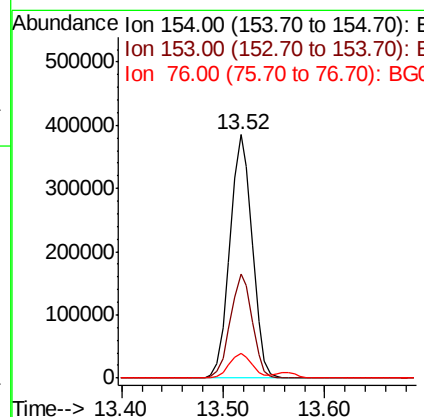
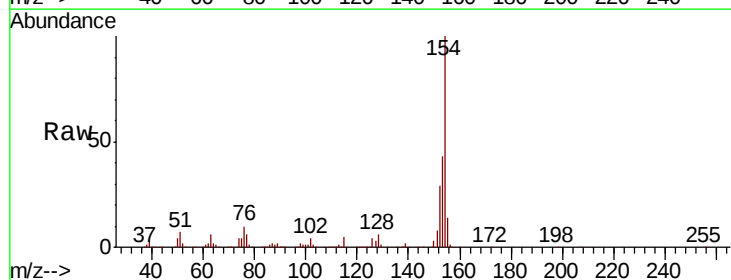
Instrument :
 BNA_G
 ClientSampleId :

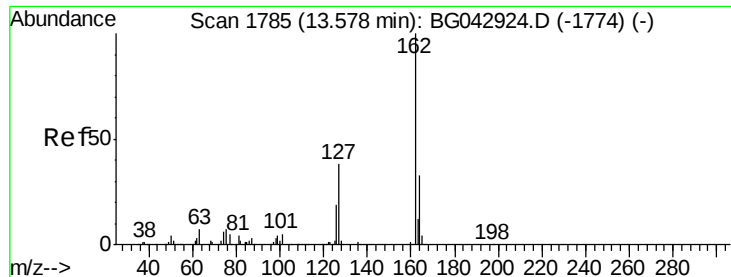
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.6	19.6	29.4



#46
 1,1'-Biphenyl
 Concen: 44.339 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG043035.D
 Acq: 4 Oct 2019 19:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	21.4	61.4
76	10.4	0.0	31.3

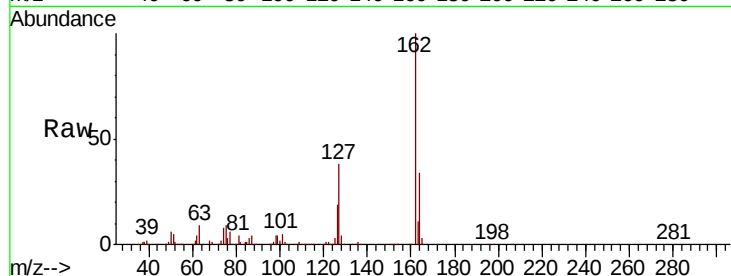




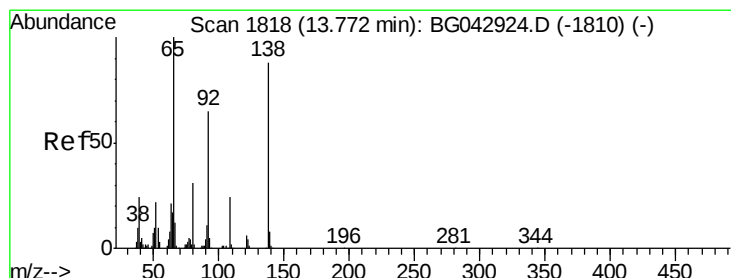
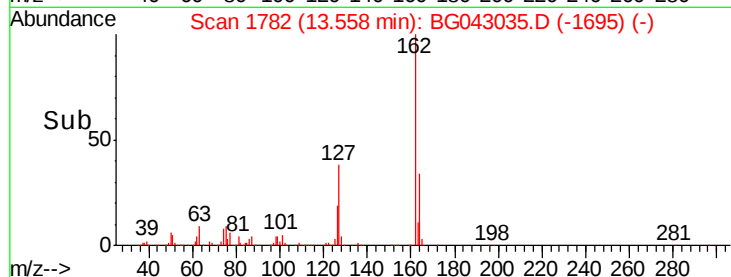
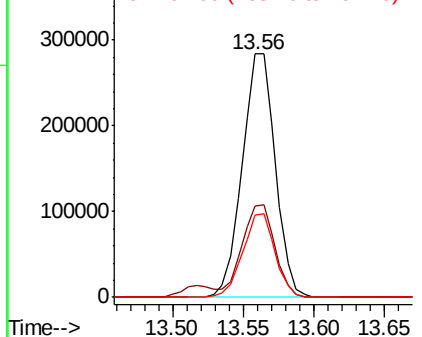
#47
 2-Chloronaphthalene
 Concen: 46.779 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.02 min
 Lab File: BG043035.D
 Acq: 4 Oct 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	31.0	46.6
164	33.8	26.2	39.2

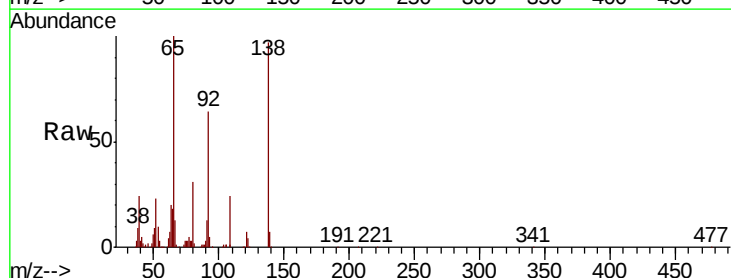


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

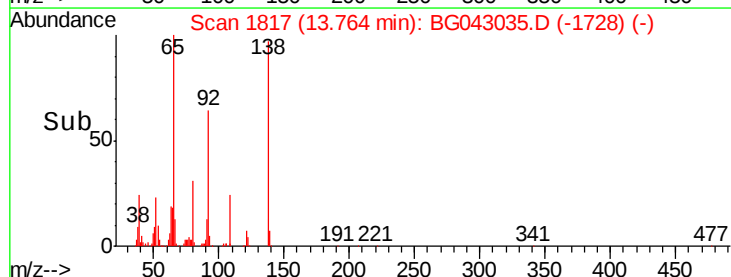
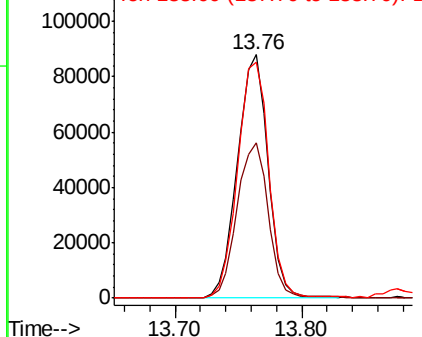


#48
 2-Nitroaniline
 Concen: 44.625 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BG043035.D
 Acq: 4 Oct 2019 19:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.9	52.0	78.0
138	97.1	70.4	105.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.738 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

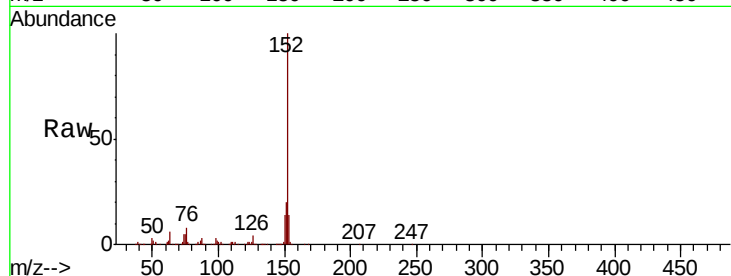
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 741954

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	13.8	11.3	16.9

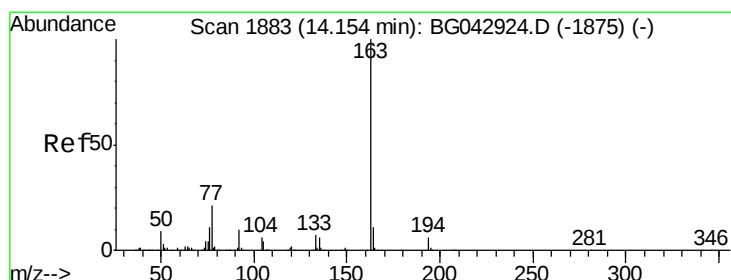
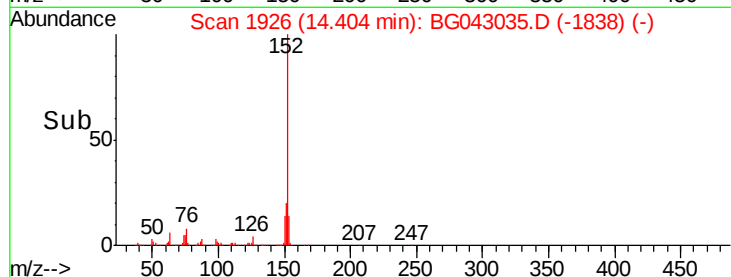
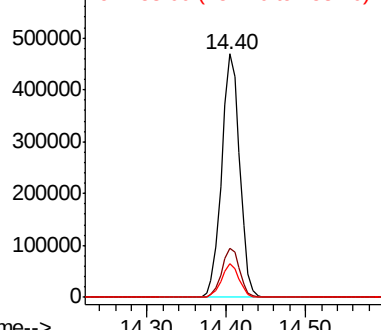


Abundance

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: 56.569 ng

RT: 14.14 min Scan# 1881

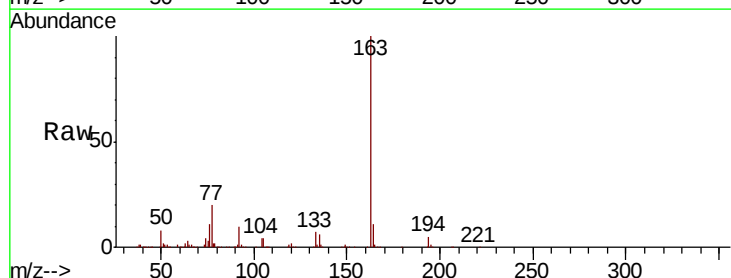
Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Tgt Ion:163 Resp: 741667

Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.4	6.6
164	10.5	8.6	12.8

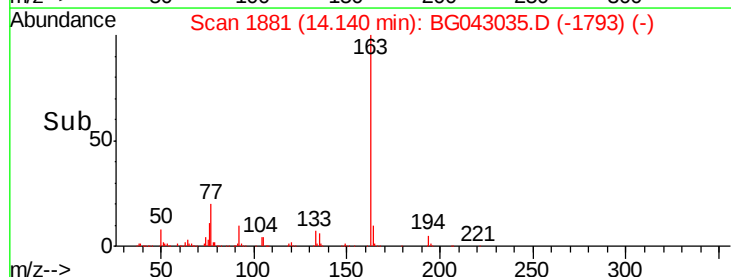
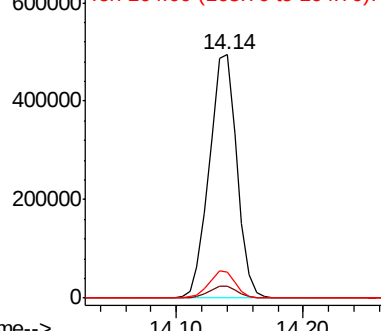


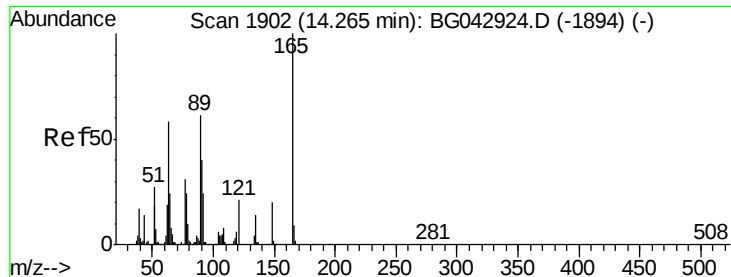
Abundance

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

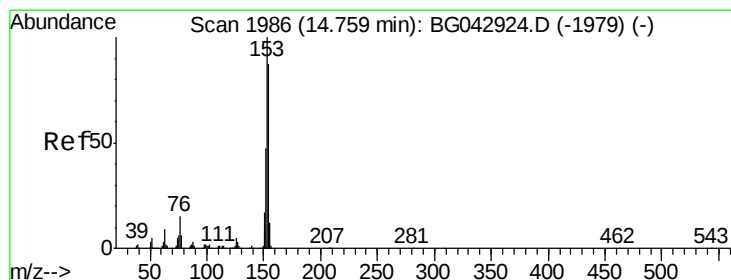
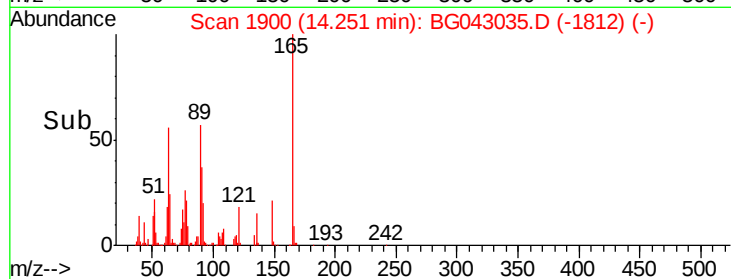
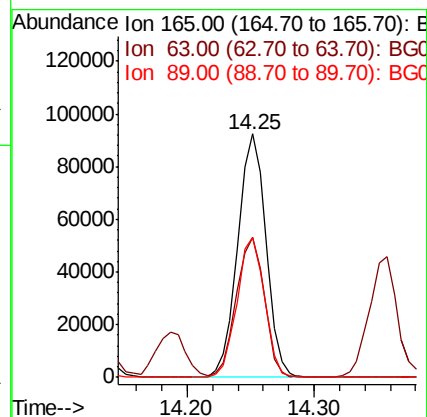
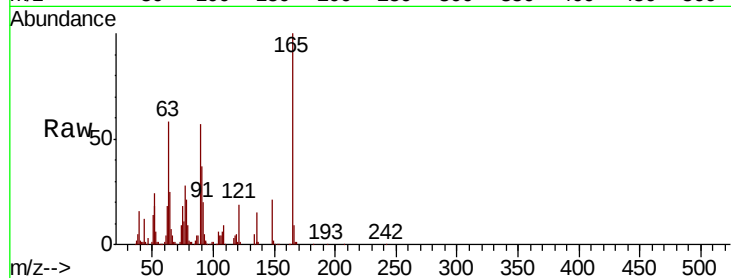




#51
 2,6-Dinitrotoluene
 Concen: 50.800 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG043035.D
 Acq: 4 Oct 2019 19:33

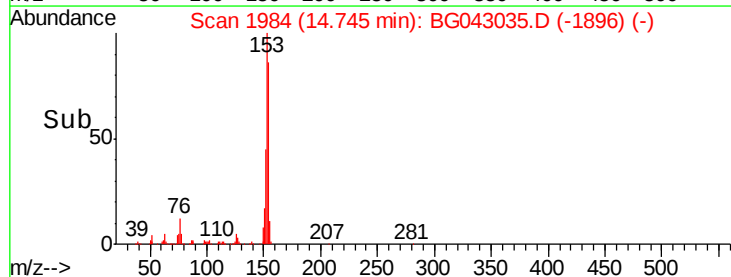
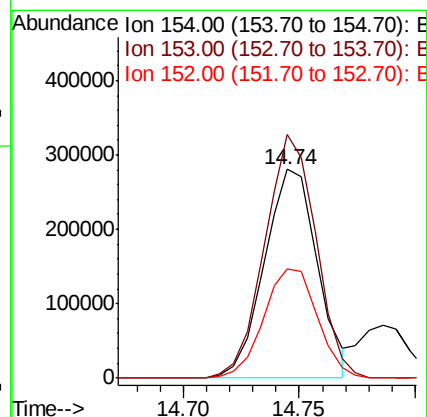
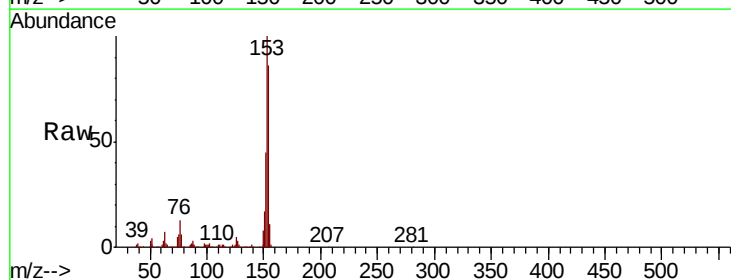
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.6	50.3	75.5
89	57.5	48.9	73.3



#52
 Acenaphthene
 Concen: 43.785 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BG043035.D
 Acq: 4 Oct 2019 19:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.6	91.4	137.0
152	52.3	42.8	64.2





#53

3-Nitroaniline

Concen: 32.519 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Instrument :

BNA_G

ClientSampleId :

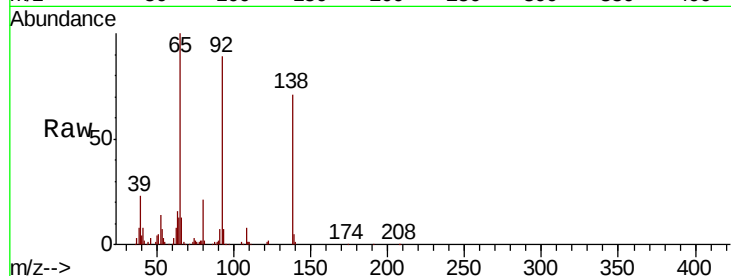
Tot Ion:138 Resp: 93831

Ion Ratio Lower Upper

138 100

108 11.7 7.9 11.9

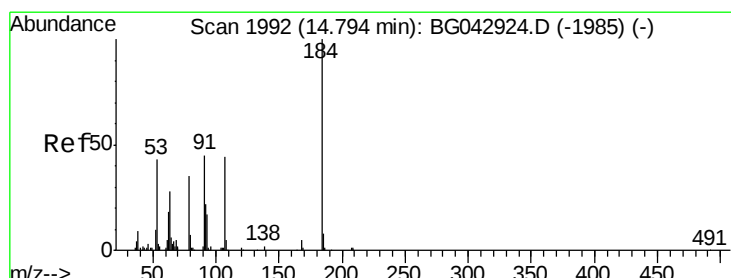
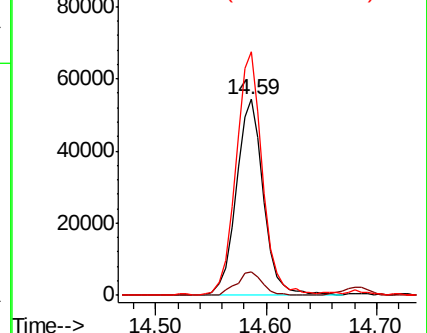
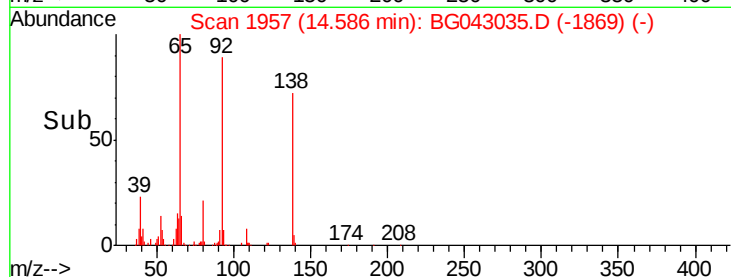
92 124.4 97.0 145.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 100.069 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

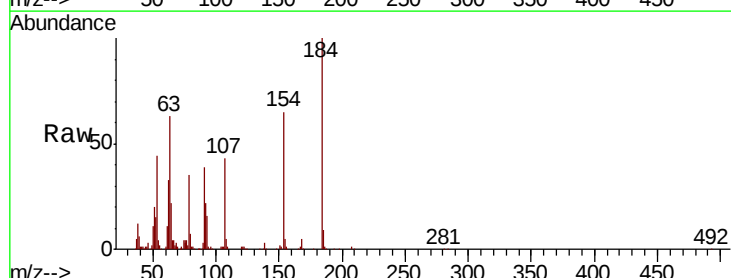
Tgt Ion:184 Resp: 173669

Ion Ratio Lower Upper

184 100

63 63.2 55.0 82.6

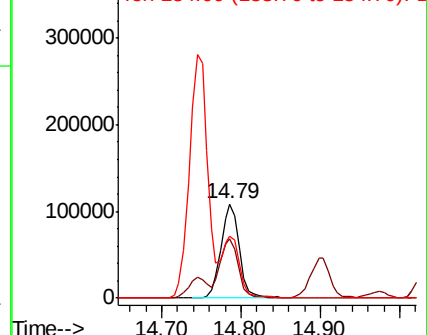
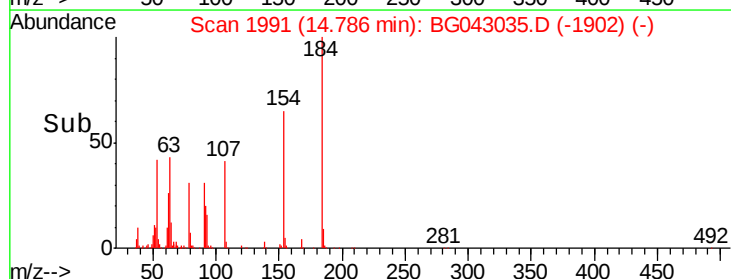
154 65.5 56.5 84.7

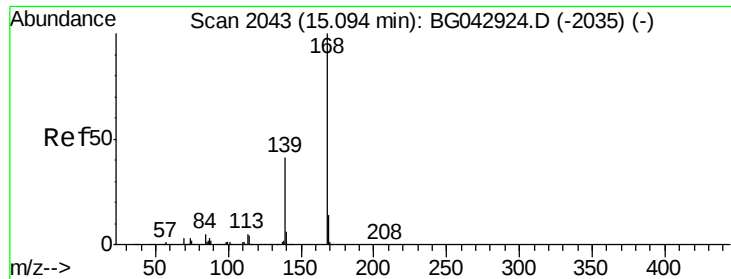


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

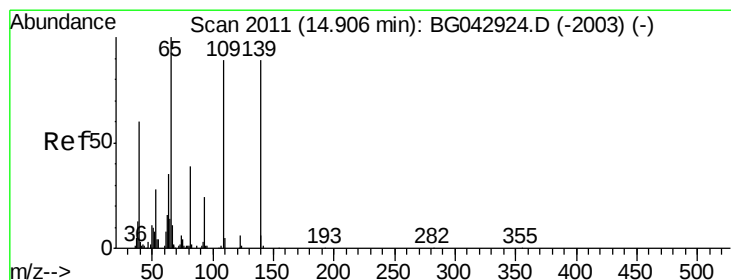
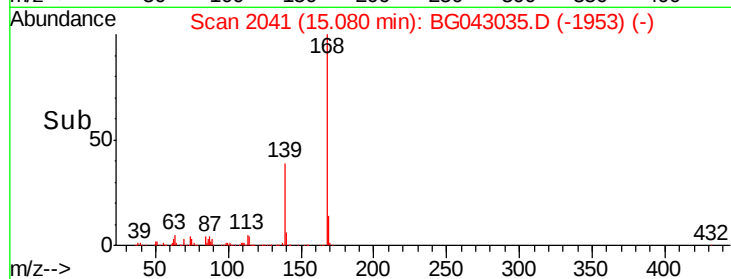
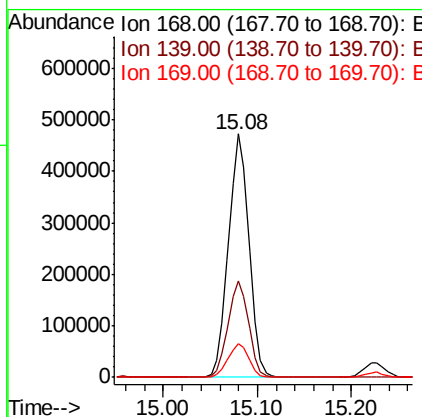
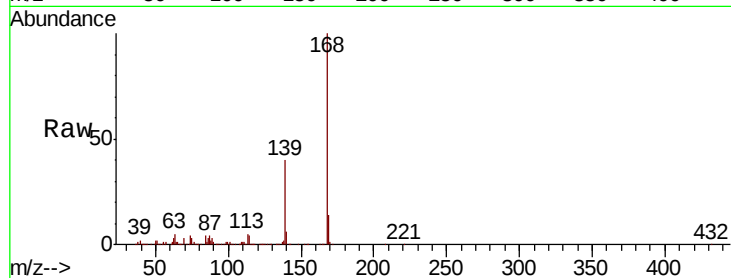




#55
Dibenzofuran
Concen: 47.435 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

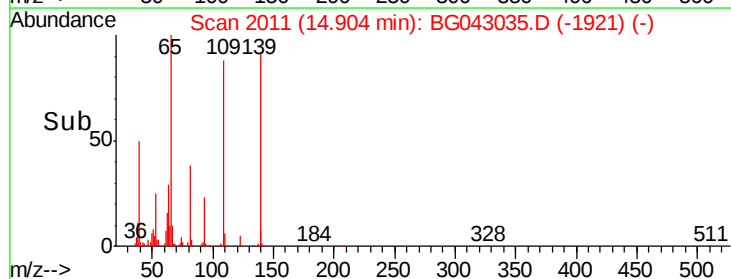
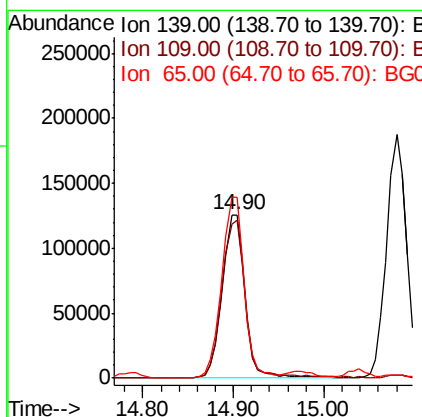
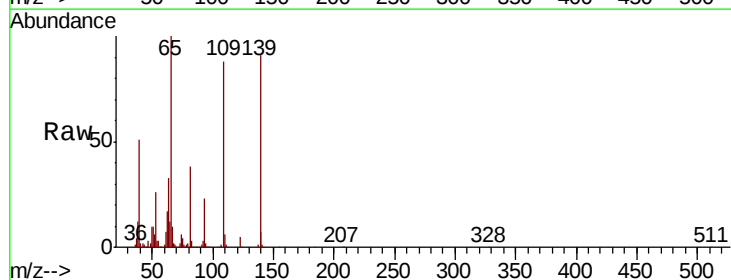
Instrument :
BNA_G
ClientSampleId :

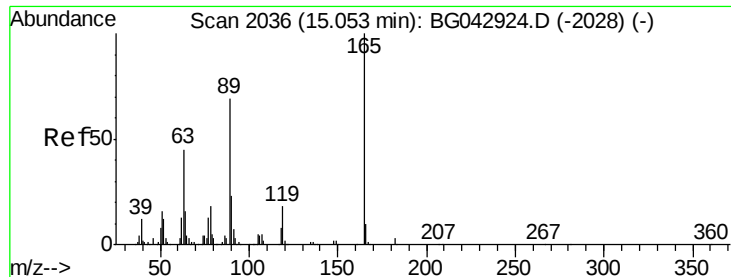
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	32.6	48.8
169	14.0	11.2	16.8



#56
4-Nitrophenol
Concen: 100.622 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.5	79.4	119.4
65	110.2	92.5	132.5





#57

2,4-Dinitrotoluene

Concen: 48.546 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 198490

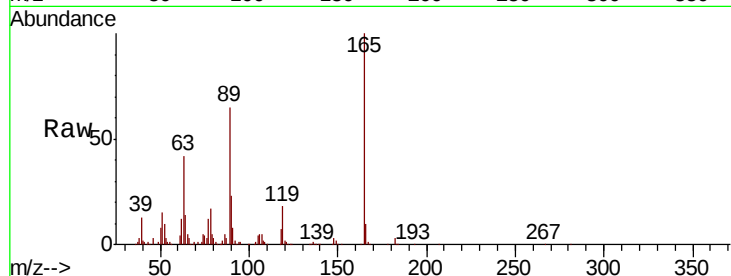
Ion Ratio Lower Upper

165 100

63 41.7 36.5 54.7

89 65.3 55.5 83.3

182 2.9 2.4 3.6

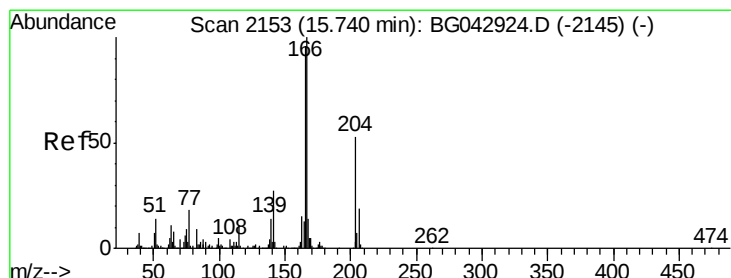
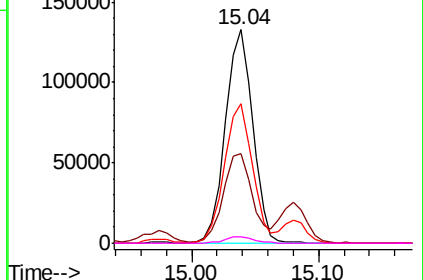
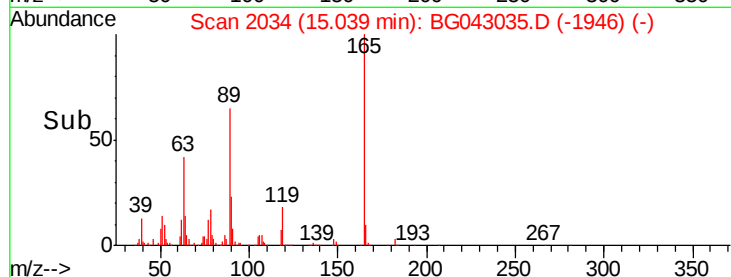


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 46.788 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

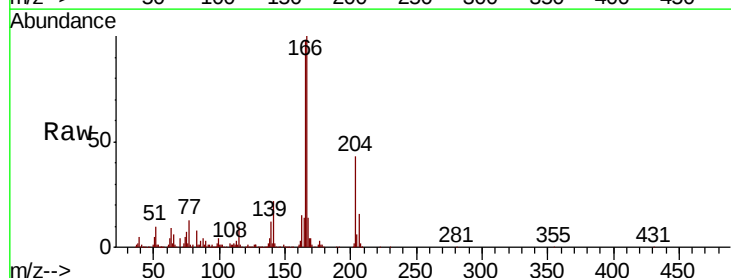
Tgt Ion:166 Resp: 602128

Ion Ratio Lower Upper

166 100

165 97.9 77.1 115.7

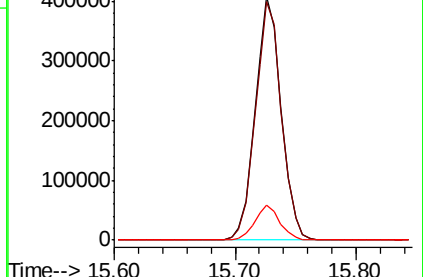
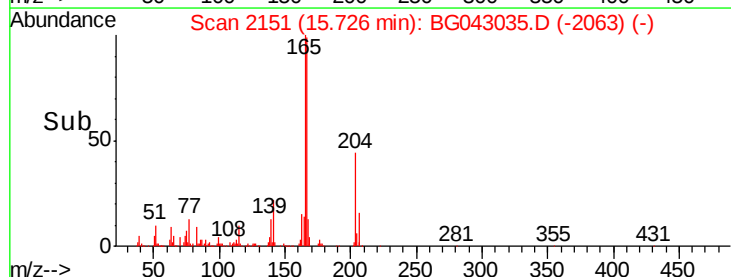
167 14.1 11.0 16.6

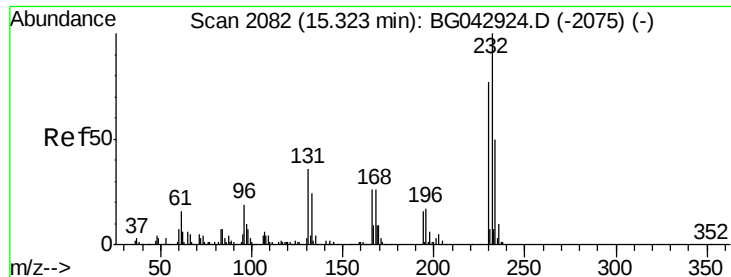


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

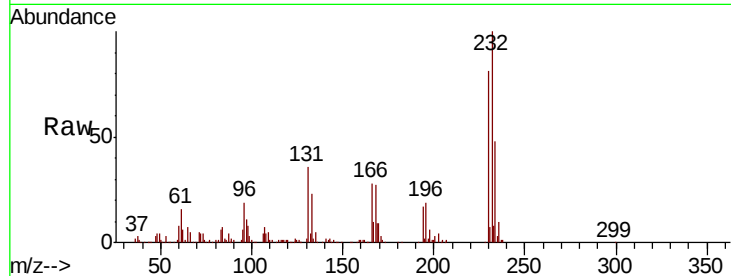




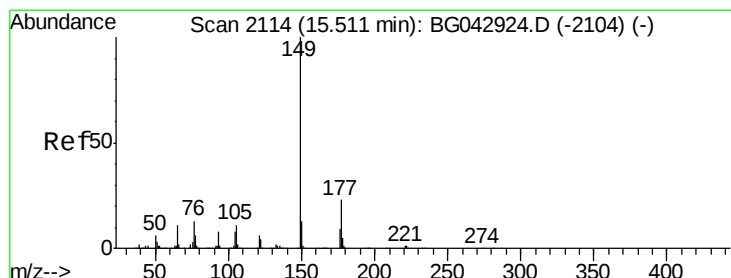
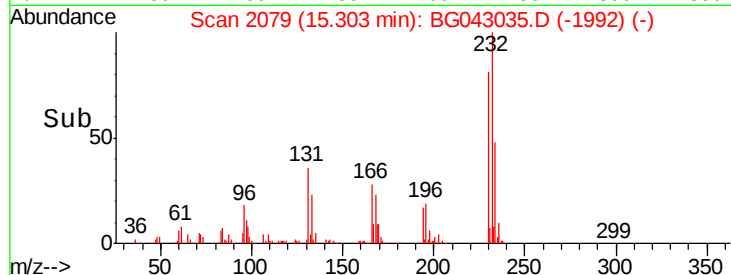
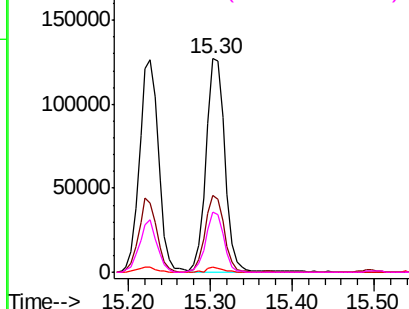
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.684 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG043035.D
 Acq: 4 Oct 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	205631
Ion Ratio	Lower	Upper
232	100	
131	35.3	29.6 44.4
130	2.0	1.9 2.9
166	26.2	21.8 32.8

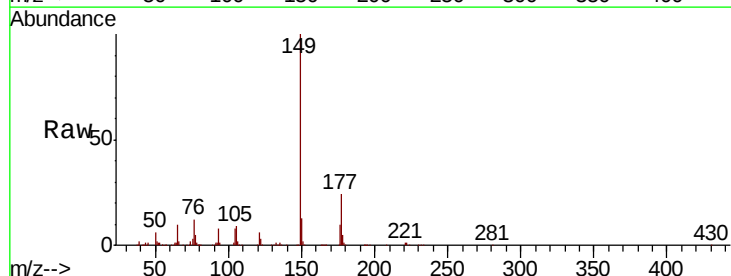


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

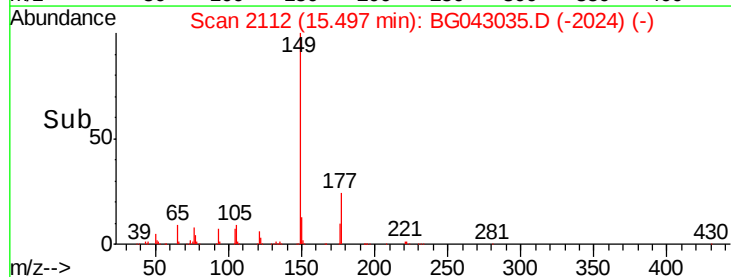
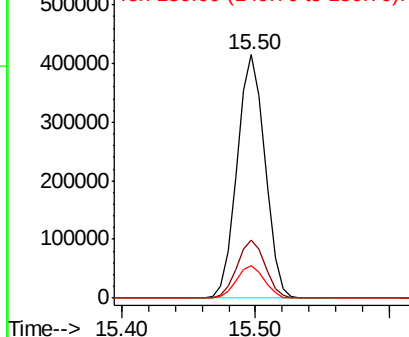


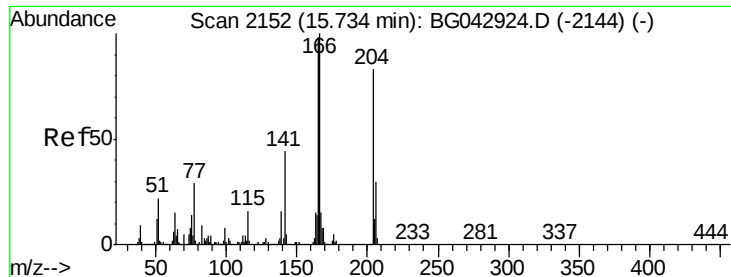
#60
 Diethylphthalate
 Concen: 44.912 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG043035.D
 Acq: 4 Oct 2019 19:33

Tgt Ion:149	Resp:	599255
Ion Ratio	Lower	Upper
149	100	
177	23.9	18.8 28.2
150	13.4	10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

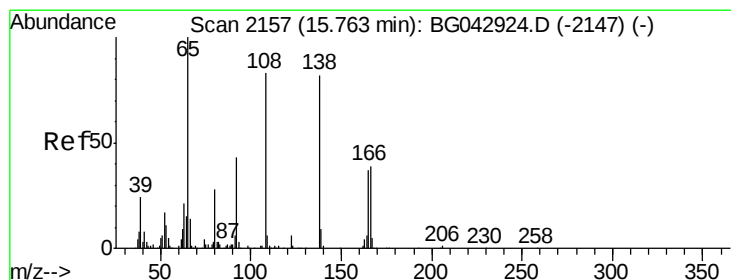
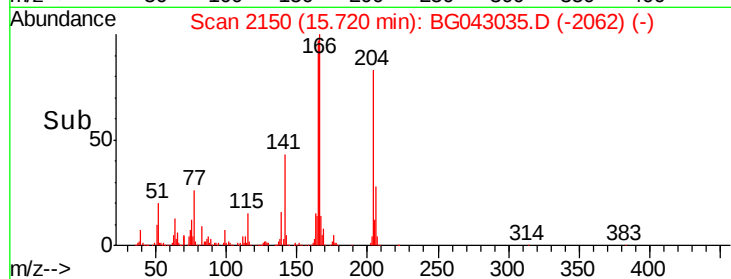
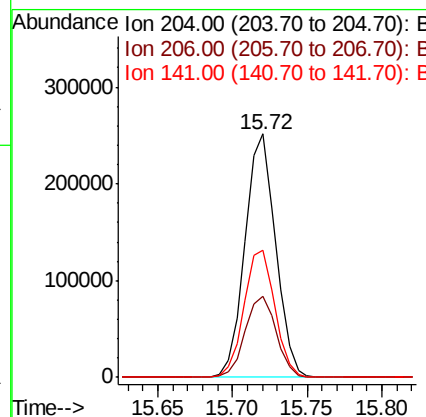
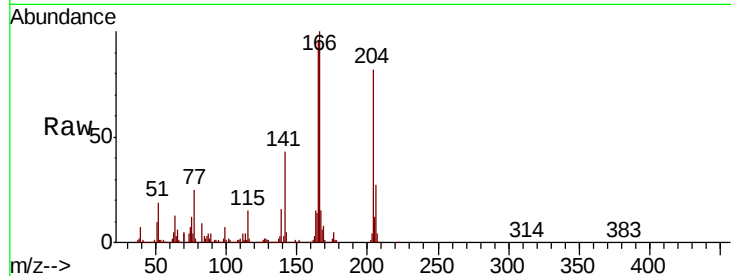




#61
4-Chlorophenyl-phenylether
Concen: 46.108 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

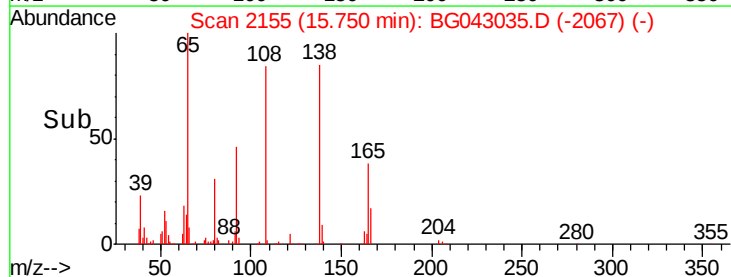
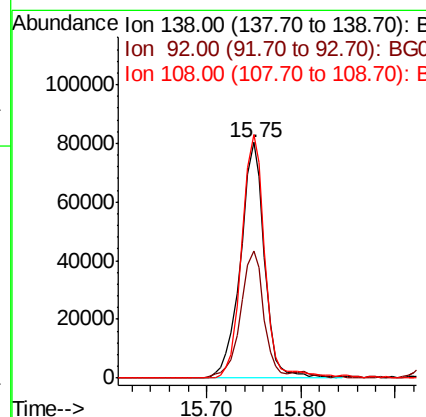
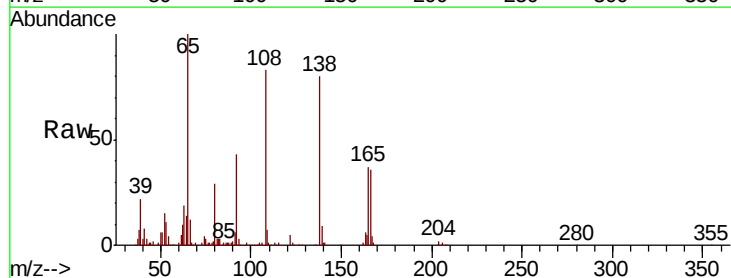
Instrument :
BNA_G
ClientSampleId :

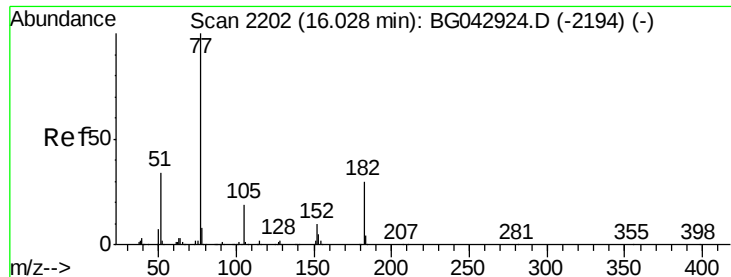
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	28.5	42.7
141	52.1	42.4	63.6



#62
4-Nitroaniline
Concen: 45.146 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.2	32.9	72.9
108	103.4	81.3	121.3

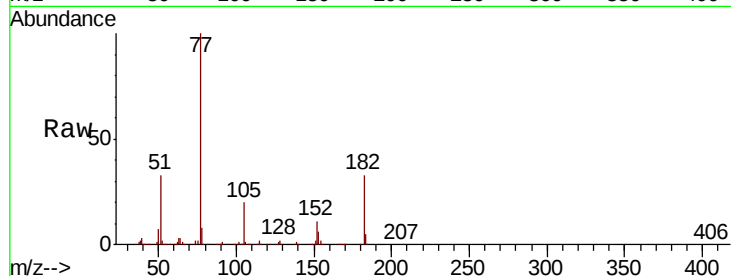




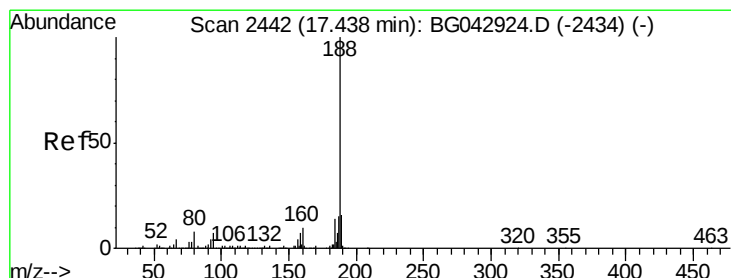
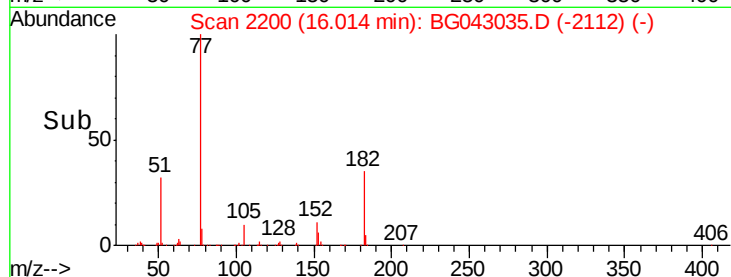
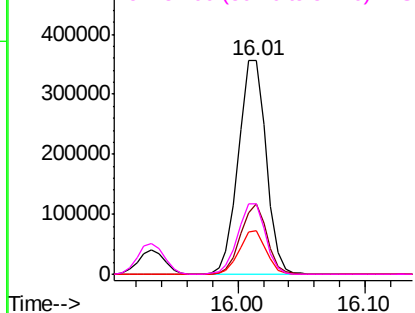
#63
Azobenzene
Concen: 44.476 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:	77	Resp:	540285
Ion	Ratio	Lower	Upper
77	100		
182	33.2	10.2	50.2
105	20.3	0.0	39.1
51	33.1	13.9	53.9

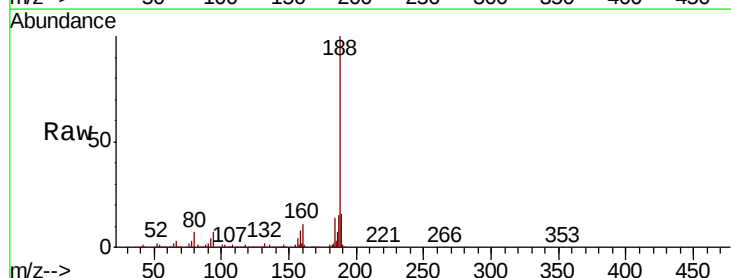


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

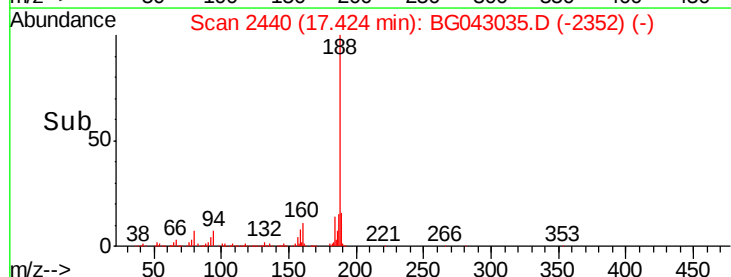
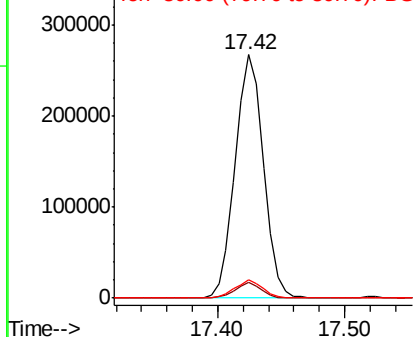


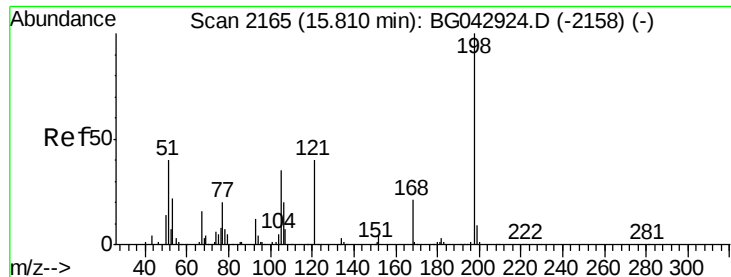
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

Tgt Ion:	188	Resp:	412793
Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.7	8.5
80	7.3	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: 52.269 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

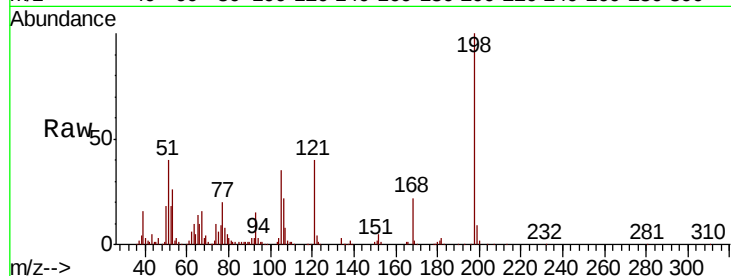
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 122093

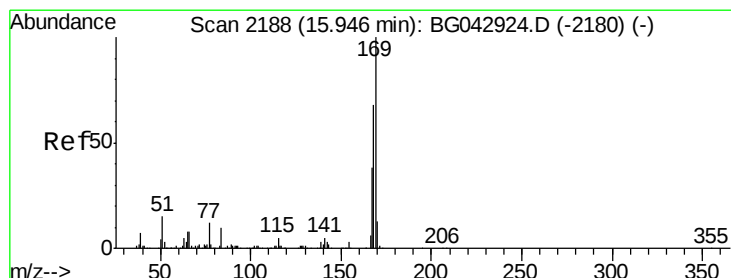
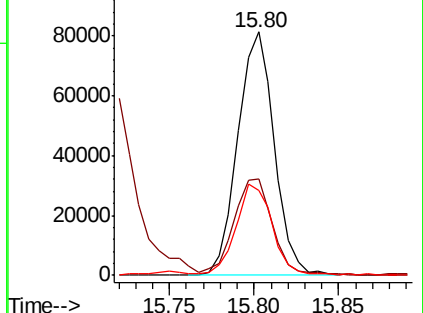
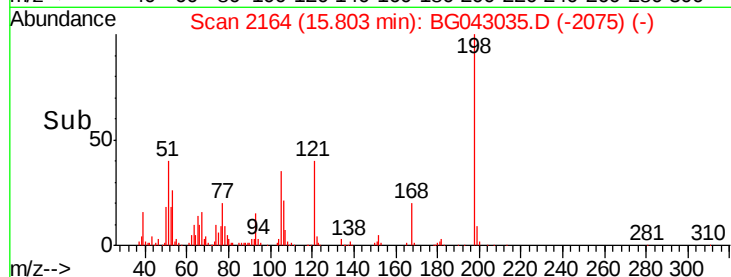
Ion	Ratio	Lower	Upper
198	100		
51	39.8	25.3	65.3
105	34.9	16.6	56.6



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: 48.681 ng

RT: 15.93 min Scan# 2186

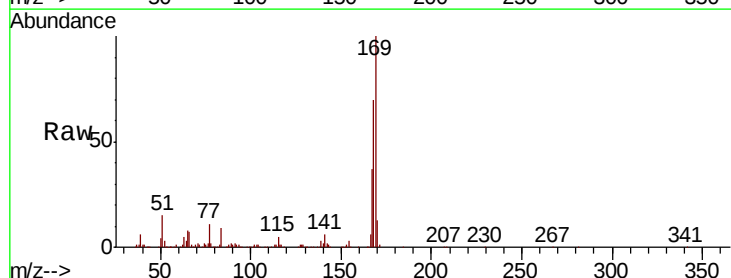
Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Tgt Ion:169 Resp: 530488

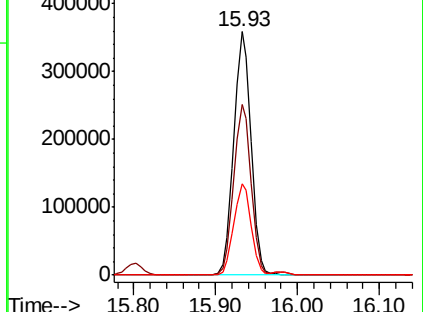
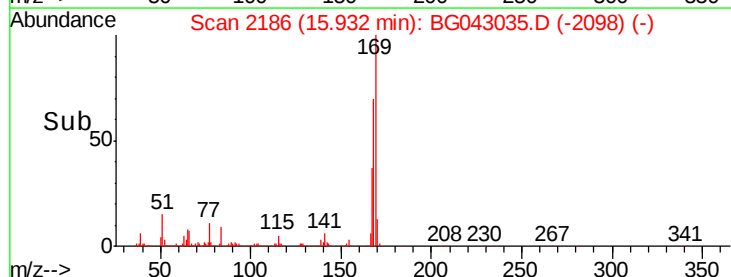
Ion	Ratio	Lower	Upper
169	100		
168	70.0	54.8	82.2
167	37.5	30.6	46.0



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

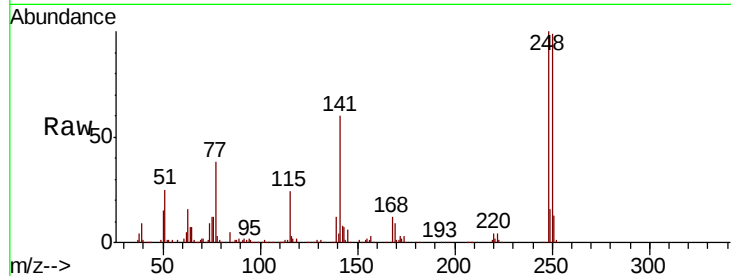




#67
4-Bromophenyl-phenylether
Concen: 47.811 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	75.8	113.8
141	59.8	51.1	76.7

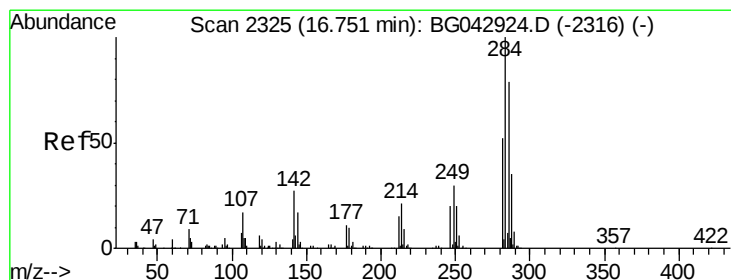
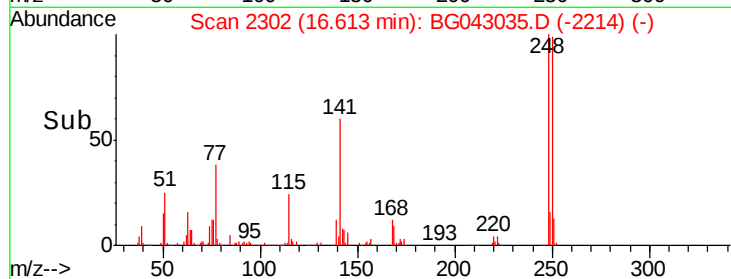
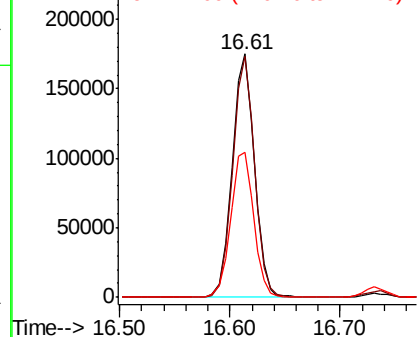


Abundance

Ion 248.00 (247.70 to 248.70): E

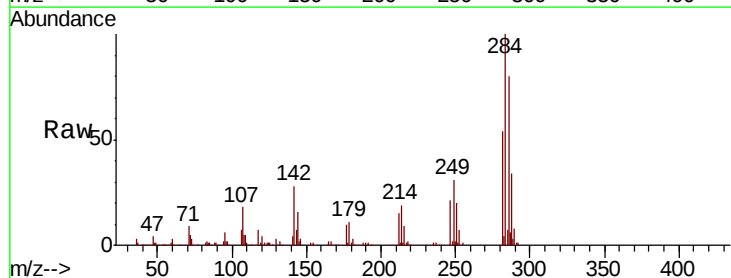
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 46.789 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.3	21.6	32.4
249	31.4	24.1	36.1

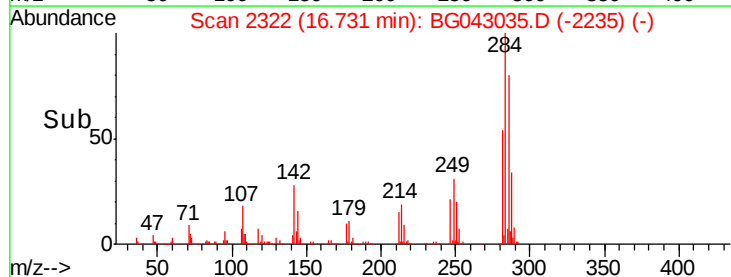
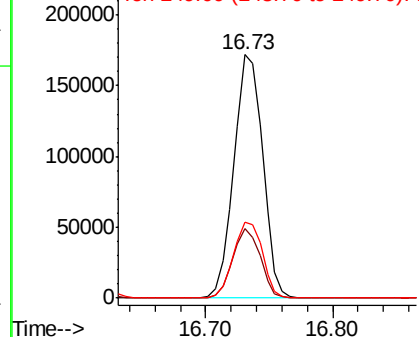


Abundance

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: 45.227 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.02 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Instrument :

BNA_G

ClientSampleId :

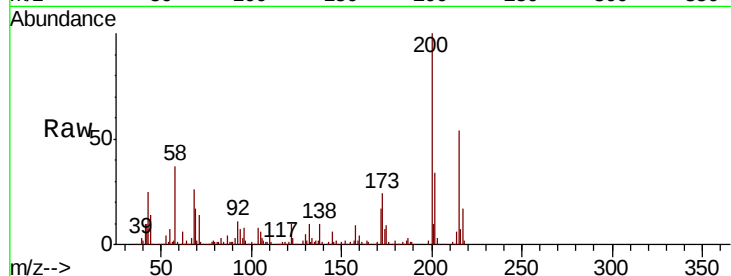
Tot Ion:200 Resp: 207534

Ion Ratio Lower Upper

200 100

173 24.2 4.0 44.0

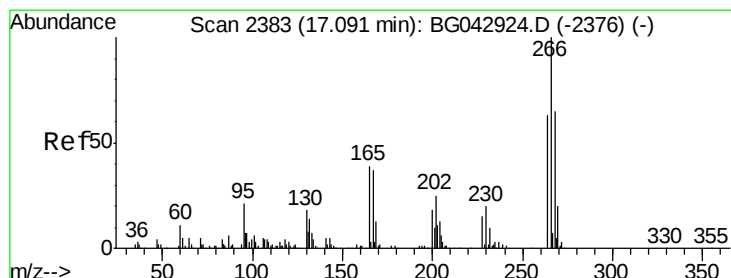
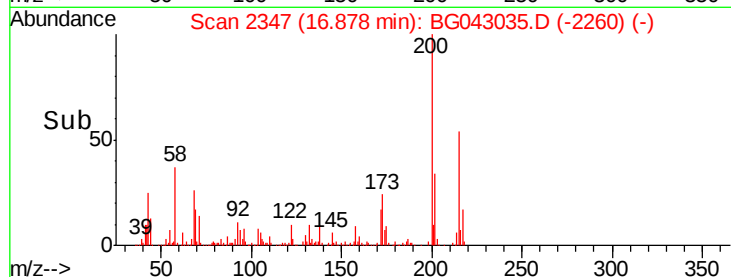
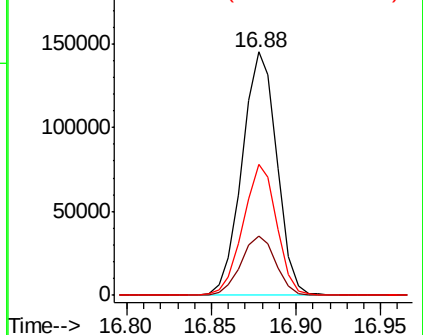
215 53.5 27.4 67.4



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: 104.511 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

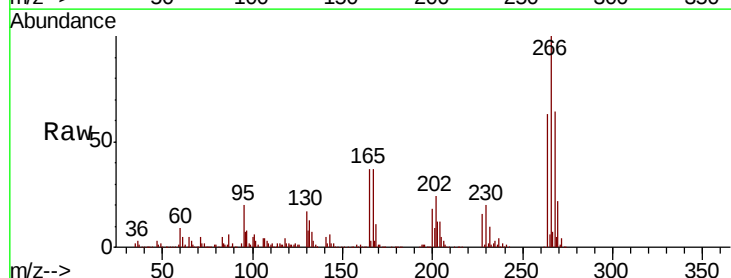
Tgt Ion:266 Resp: 347879

Ion Ratio Lower Upper

266 100

268 64.5 52.2 78.2

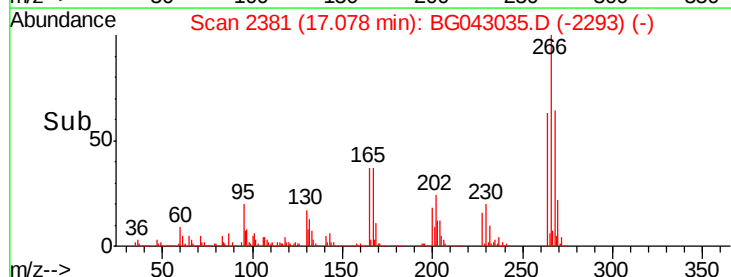
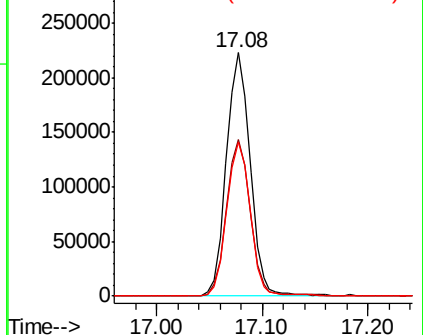
264 63.4 50.7 76.1



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

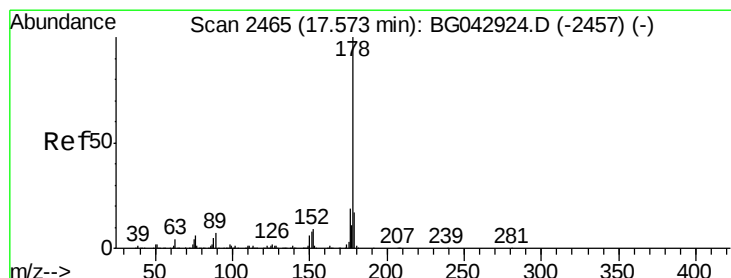
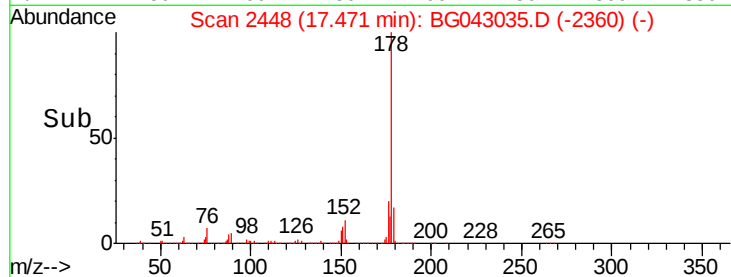
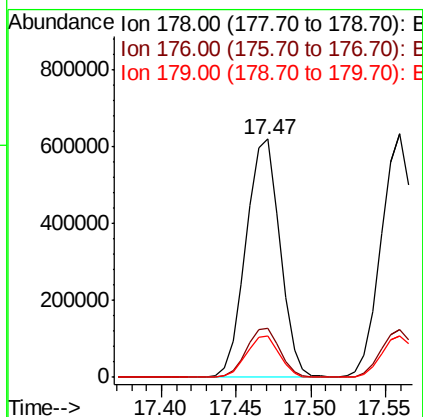
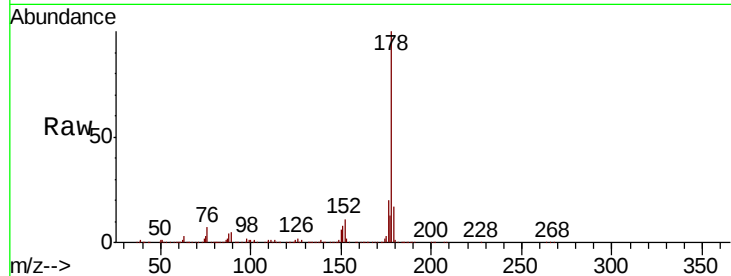




#71
Phenanthrene
Concen: 48.449 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

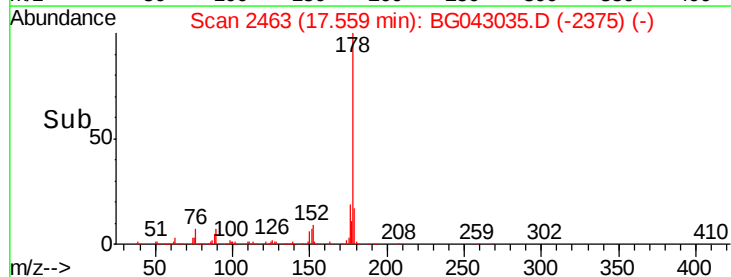
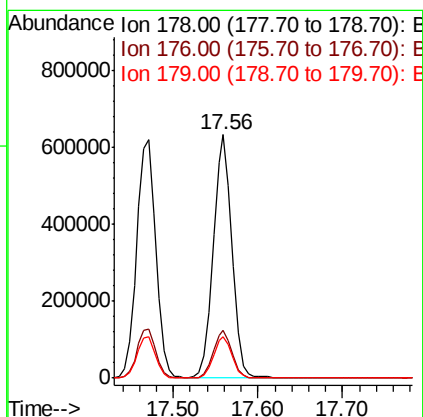
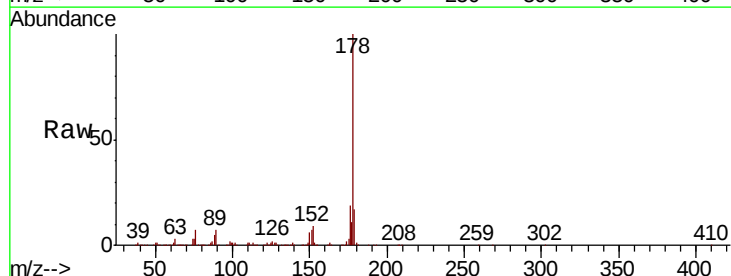
Instrument :
BNA_G
ClientSampleId :

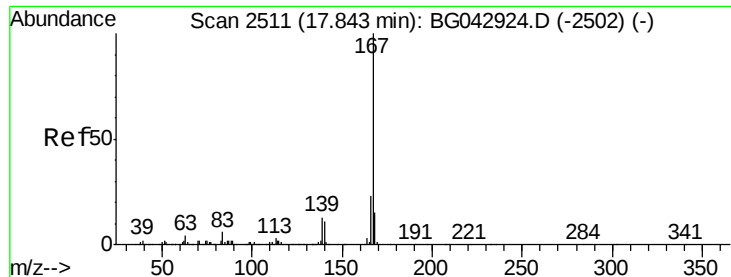
Tot Ion:178 Resp: 976379
Ion Ratio Lower Upper
178 100
176 20.4 15.1 22.7
179 17.3 14.1 21.1



#72
Anthracene
Concen: 48.864 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

Tgt Ion:178 Resp: 983087
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 17.0 13.5 20.3





#73

Carbazole

Concen: 47.796 ng

RT: 17.82 min Scan# 2508

Delta R.T. -0.02 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Instrument :

BNA_G

ClientSampleId :

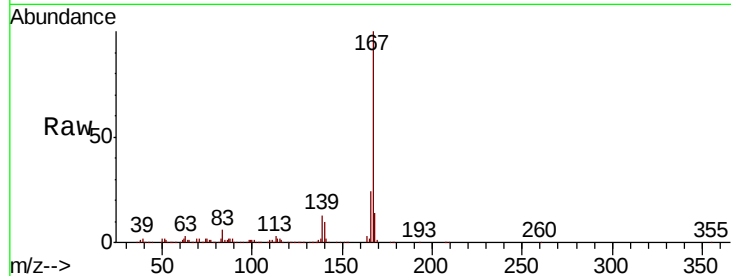
Tot Ion:167 Resp: 891708

Ion Ratio Lower Upper

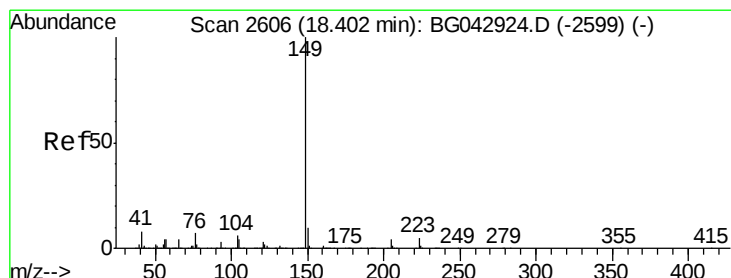
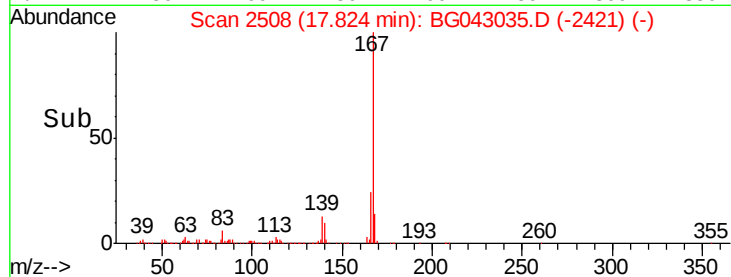
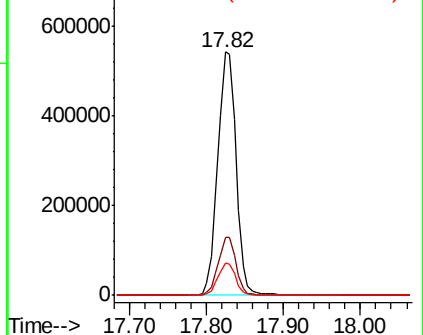
167 100

166 23.6 18.6 28.0

139 13.2 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: 45.943 ng

RT: 18.38 min Scan# 2603

Delta R.T. -0.02 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

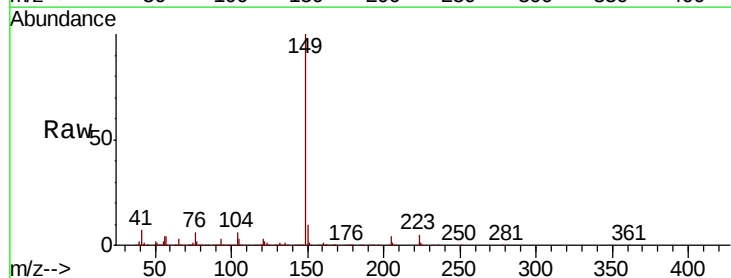
Tgt Ion:149 Resp: 1022663

Ion Ratio Lower Upper

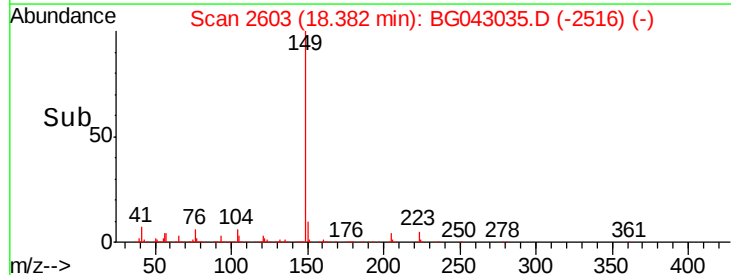
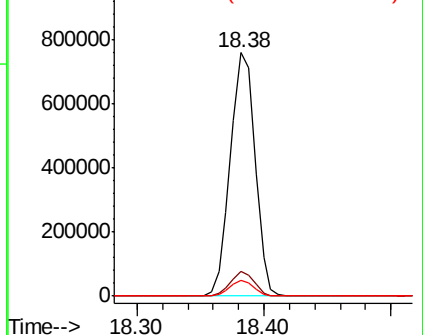
149 100

150 10.4 7.7 11.5

104 6.3 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: 48.894 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Instrument :

BNA_G

ClientSampleId :

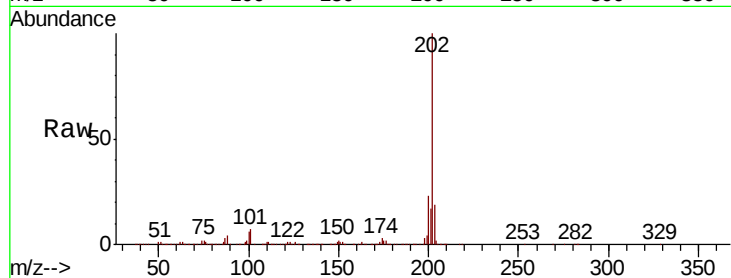
Tot Ion:202 Resp: 1303309

Ion Ratio Lower Upper

202 100

101 7.0 0.0 27.3

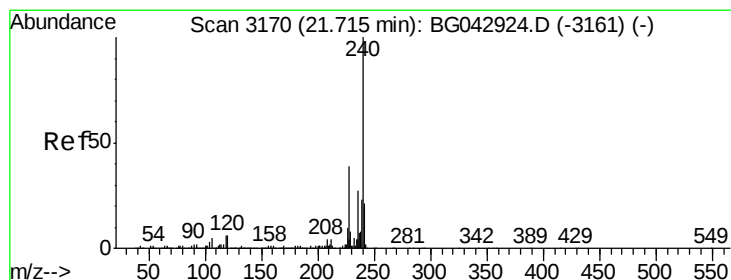
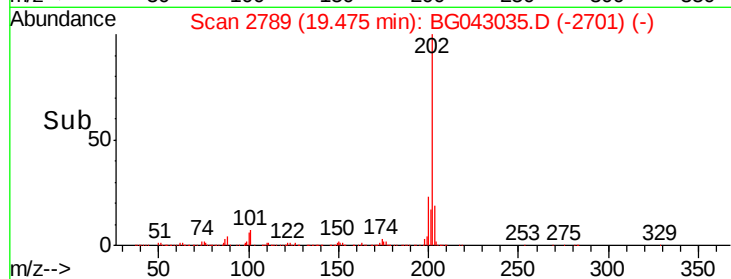
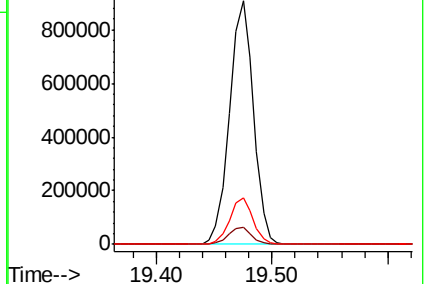
203 19.3 0.0 39.5



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: BG043035.D

Acq: 4 Oct 2019 19:33

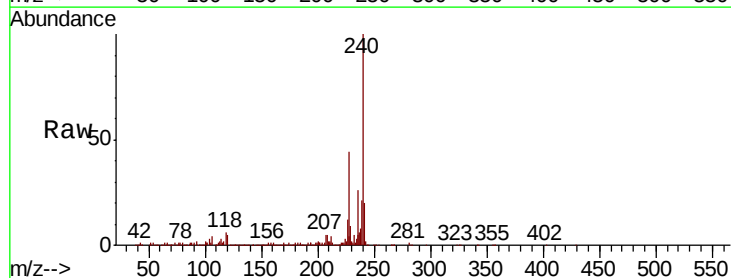
Tgt Ion:240 Resp: 446929

Ion Ratio Lower Upper

240 100

120 5.2 4.8 7.2

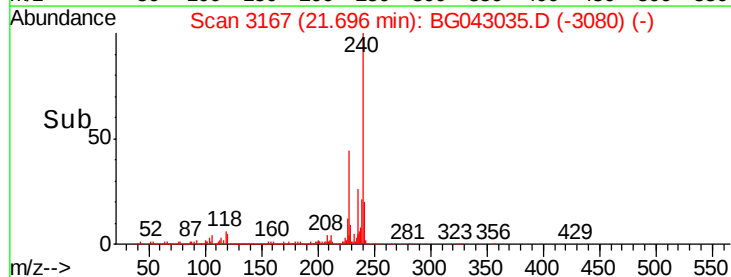
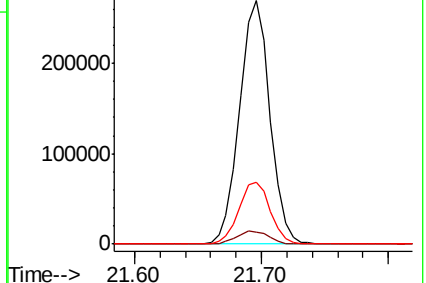
236 25.5 21.4 32.0



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: 62.548 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Instrument :

BNA_G

ClientSampleId :

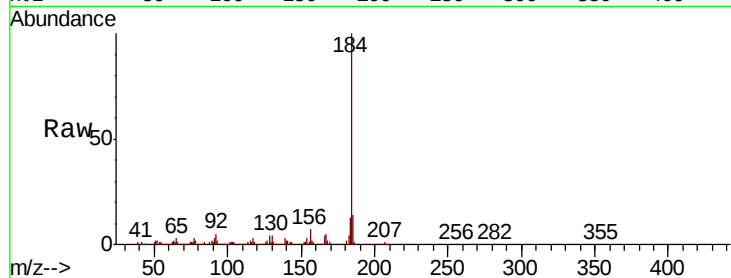
Tot Ion:184 Resp: 699950

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.8

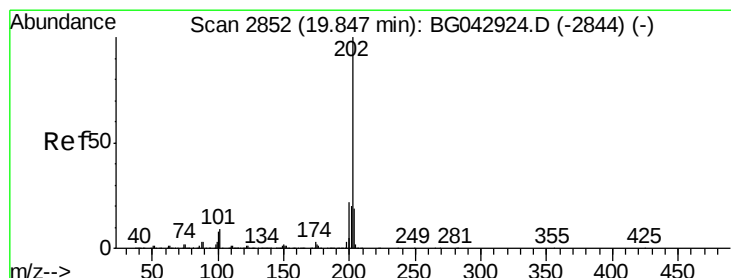
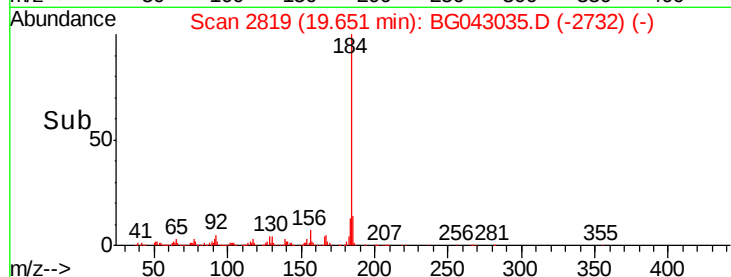
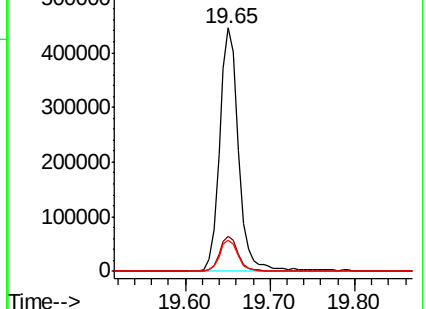
183 12.6 10.1 15.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.350 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

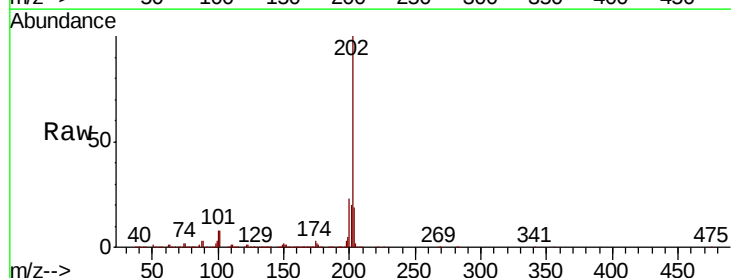
Tgt Ion:202 Resp: 1316445

Ion Ratio Lower Upper

202 100

200 23.0 17.6 26.4

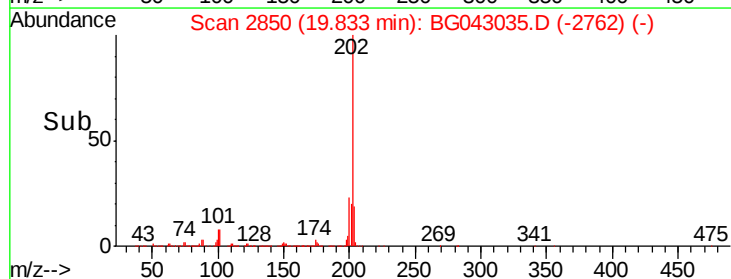
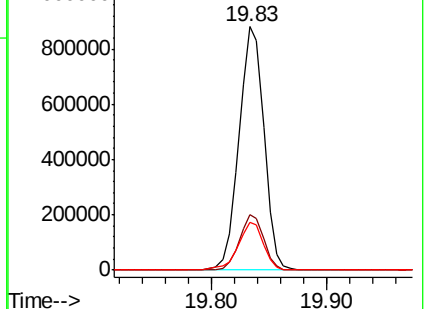
203 19.4 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.378 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

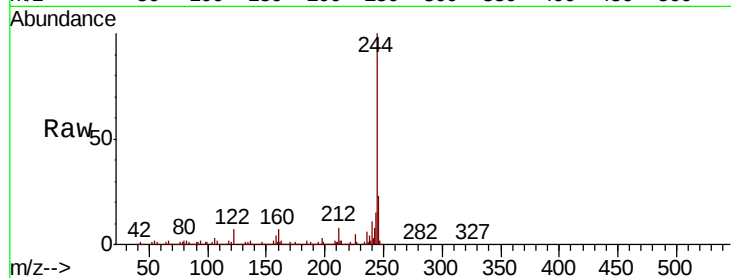
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1497081

Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.4	11.0
122	7.1	7.0	10.4

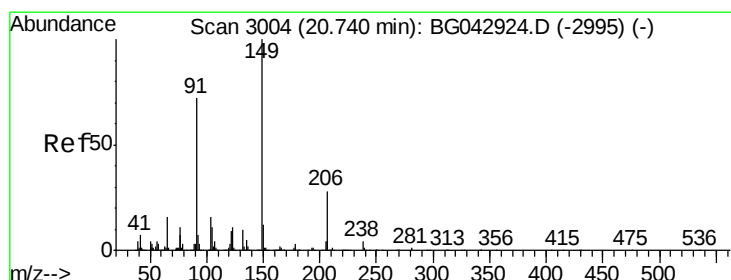
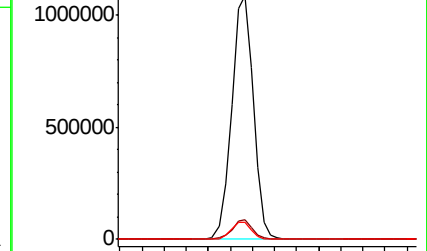
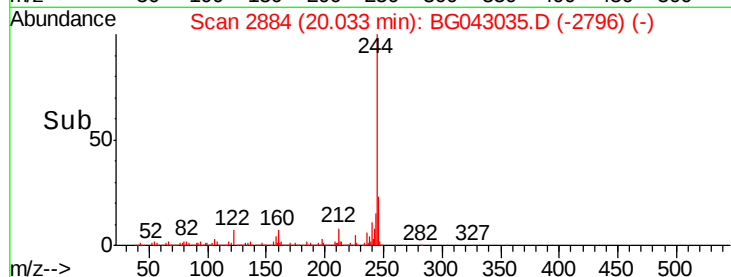


Abundance

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: 47.631 ng

RT: 20.72 min Scan# 3001

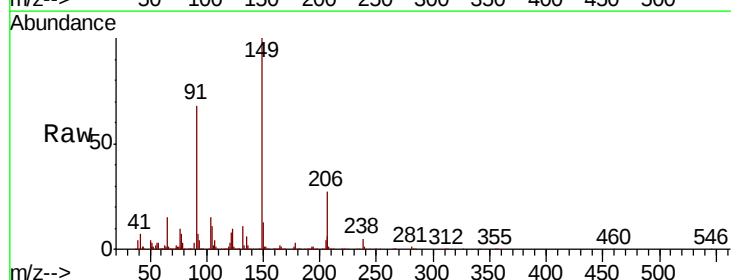
Delta R.T. -0.02 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Tgt Ion:149 Resp: 482280

Ion	Ratio	Lower	Upper
149	100		
91	68.2	57.7	86.5
206	26.6	22.6	33.8

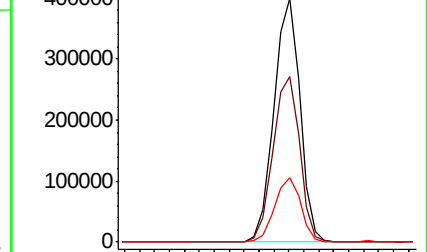
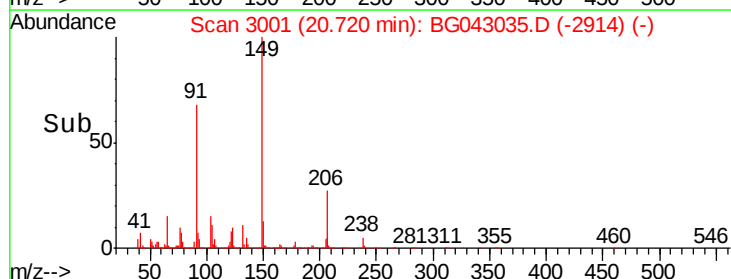


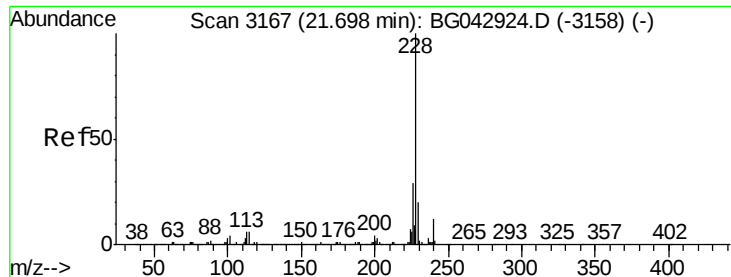
Abundance

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: 47.241 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

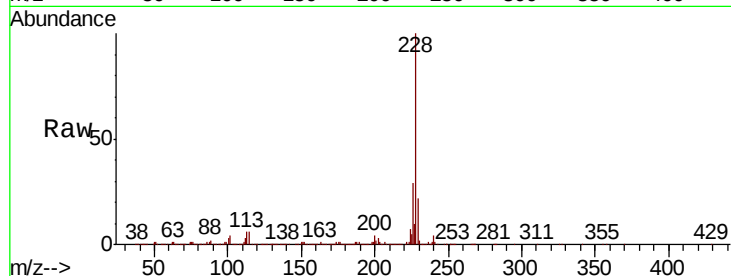
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1315558

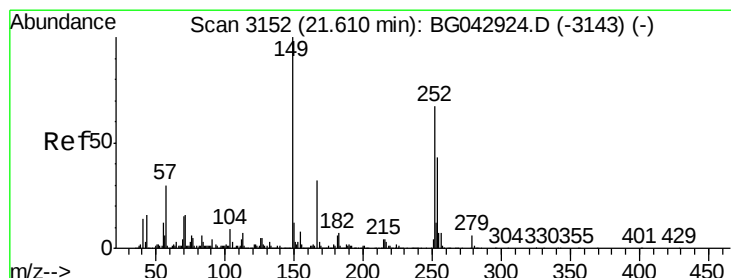
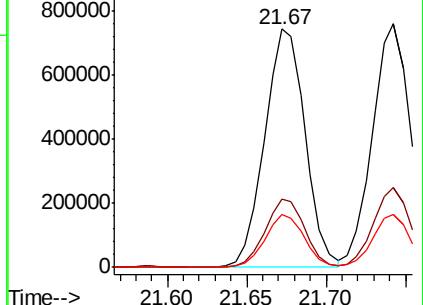
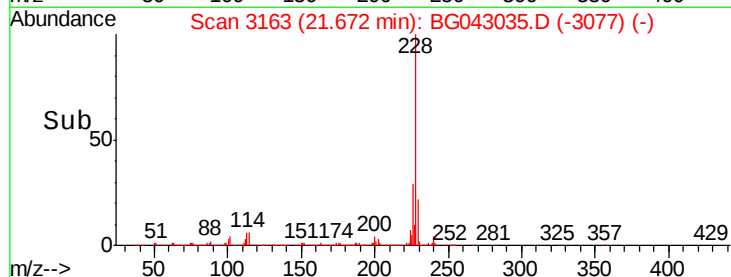
Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.4
229	22.0	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.977 ng

RT: 21.59 min Scan# 3149

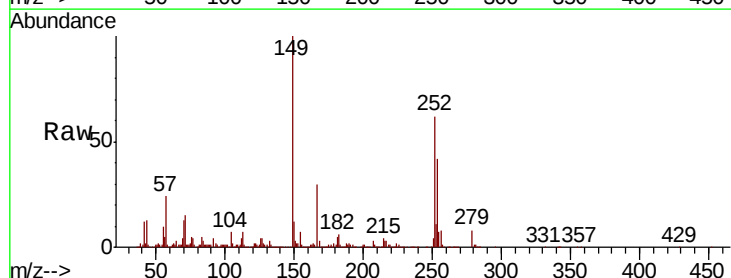
Delta R.T. -0.02 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Tgt Ion:252 Resp: 360179

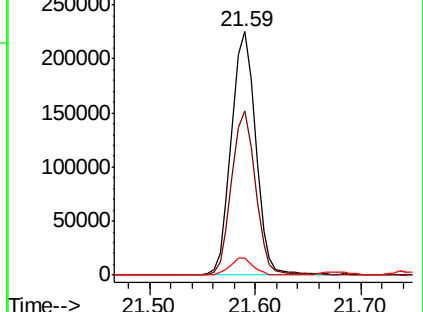
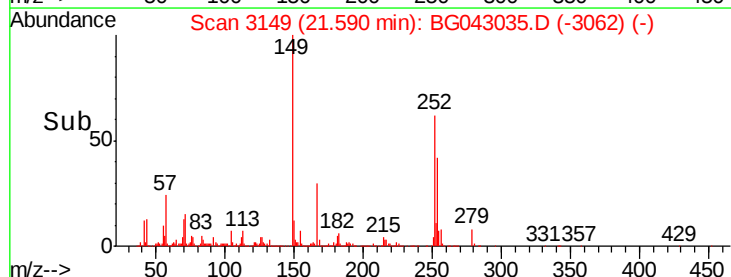
Ion	Ratio	Lower	Upper
252	100		
254	67.3	51.9	77.9
126	6.9	6.1	9.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

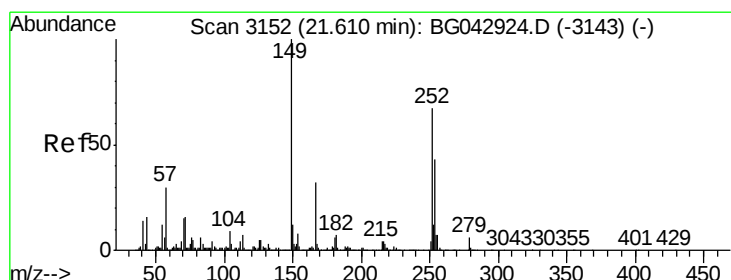
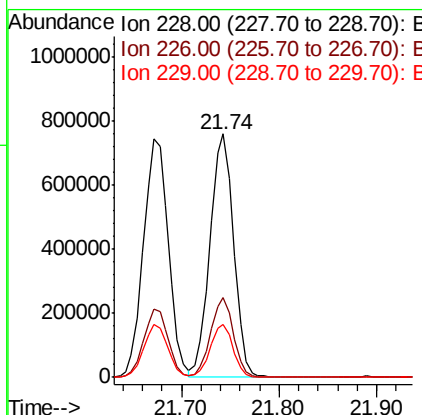
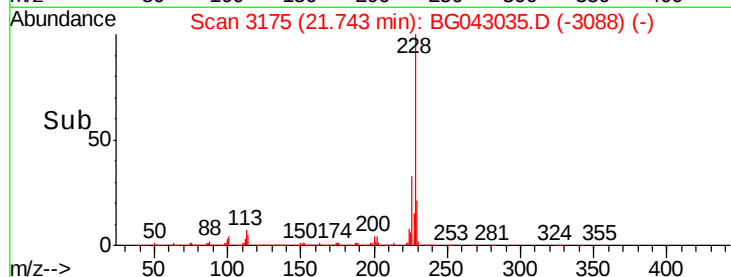
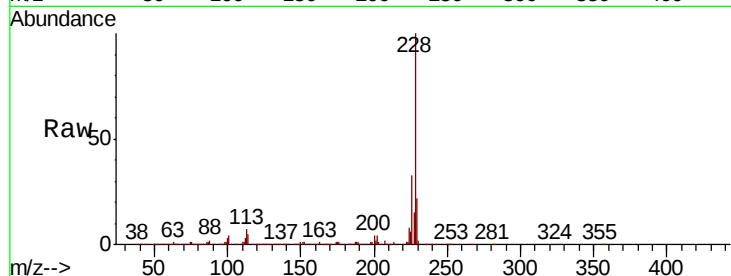




#83
 Chrysene
 Concen: 47.041 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.02 min
 Lab File: BG043035.D
 Acq: 4 Oct 2019 19:33

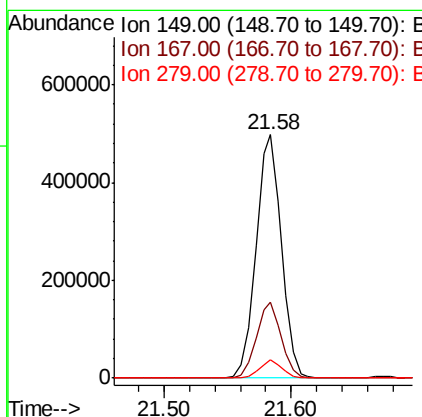
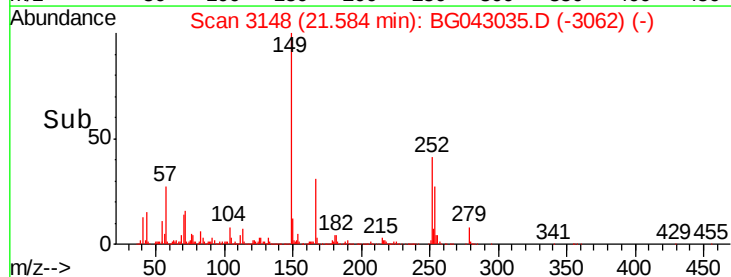
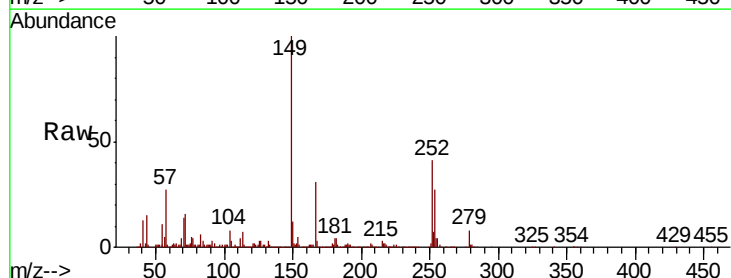
Instrument :
 BNA_G
 ClientSampleId :

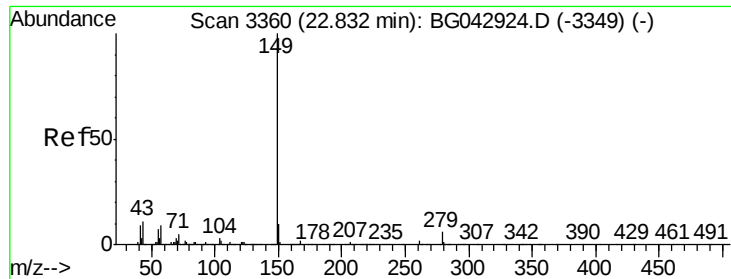
Tot Ion:228 Resp: 1271245
 Ion Ratio Lower Upper
 228 100
 226 32.7 25.6 38.4
 229 21.5 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.000 ng
 RT: 21.58 min Scan# 3148
 Delta R.T. -0.03 min
 Lab File: BG043035.D
 Acq: 4 Oct 2019 19:33

Tgt Ion:149 Resp: 691575
 Ion Ratio Lower Upper
 149 100
 167 31.1 25.4 38.2
 279 7.6 5.1 7.7





#85

Di-n-octyl phthalate

Concen: 49.818 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.04 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Instrument :

BNA_G

ClientSampleId :

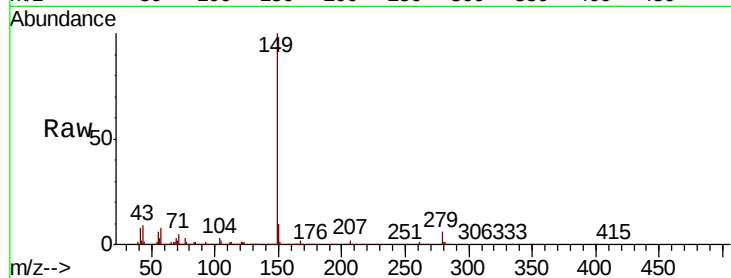
Tot Ion:149 Resp: 1173702

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

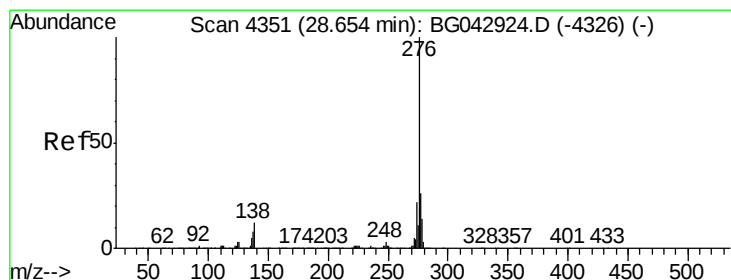
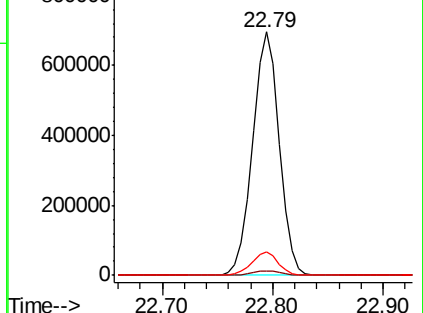
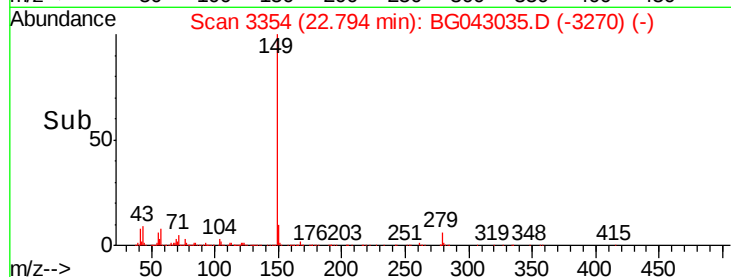
43 9.3 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.817 ng

RT: 28.58 min Scan# 4339

Delta R.T. -0.07 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

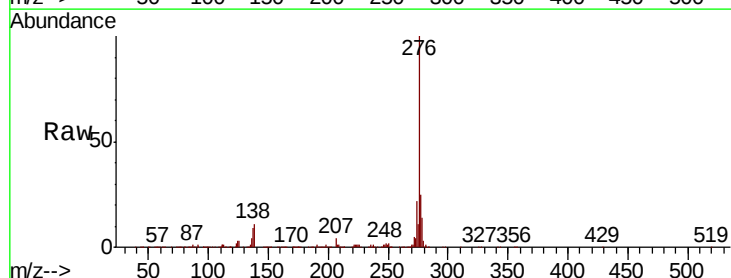
Tgt Ion:276 Resp: 1675969

Ion Ratio Lower Upper

276 100

138 14.6 7.0 10.6#

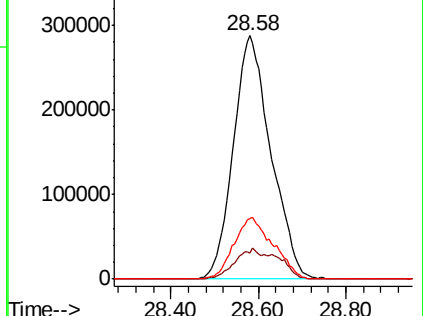
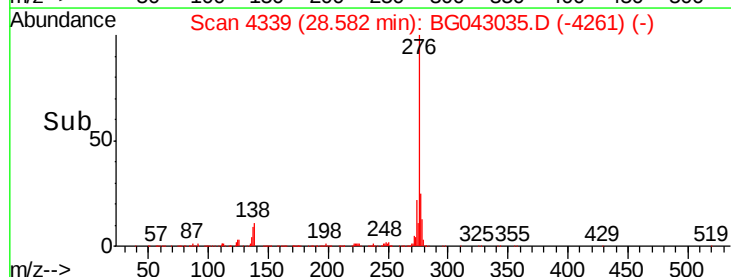
277 26.5 20.9 31.3

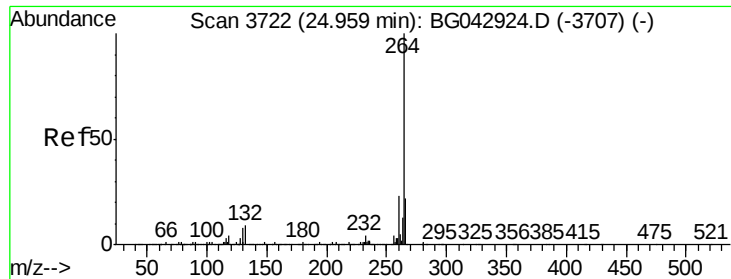


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3715

Delta R.T. -0.04 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Instrument :

BNA_G

ClientSampled :

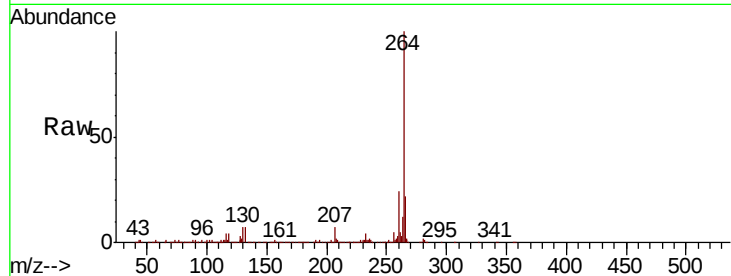
Tot Ion:264 Resp: 526326

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.1 17.7 26.5

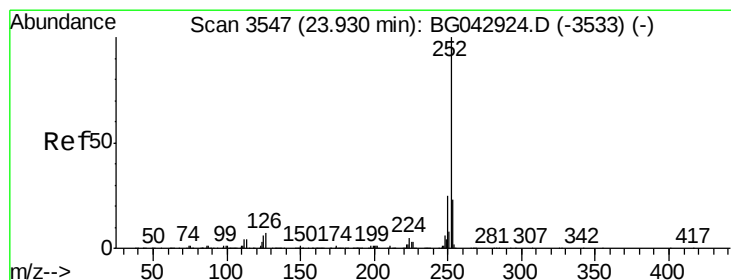
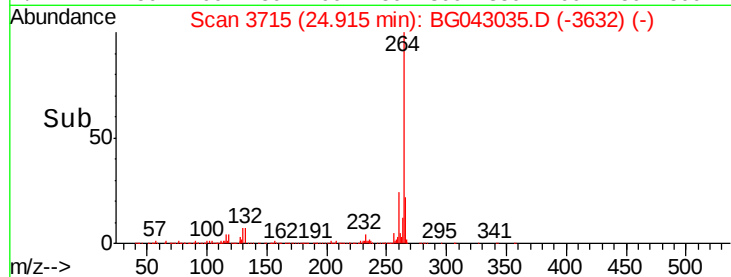
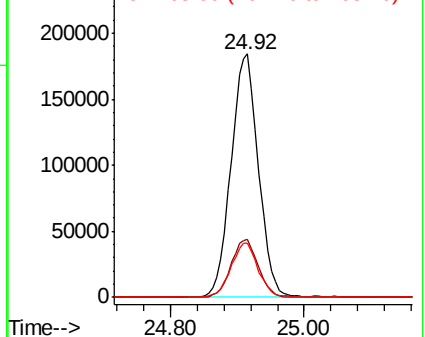


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.467 ng

RT: 23.89 min Scan# 3541

Delta R.T. -0.04 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

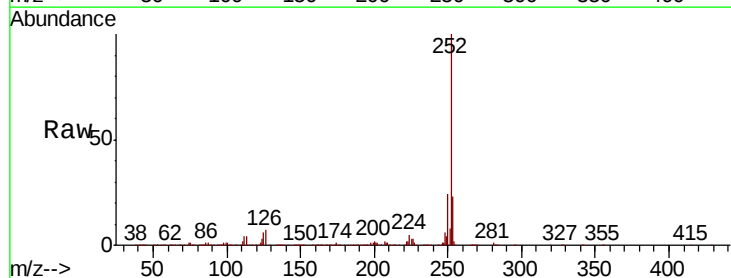
Tgt Ion:252 Resp: 1413606

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

125 5.9 4.6 7.0

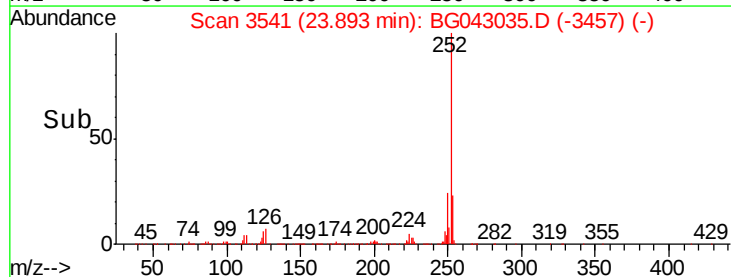
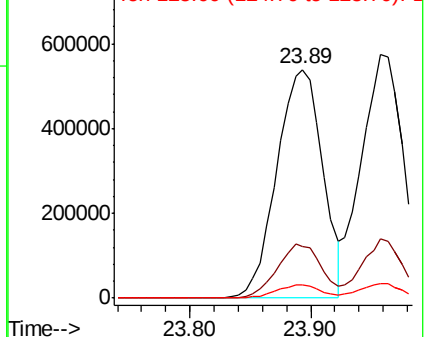


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

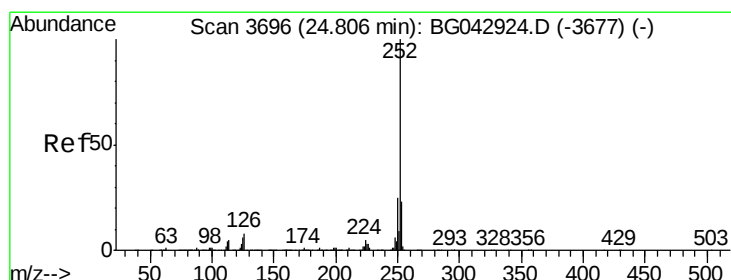
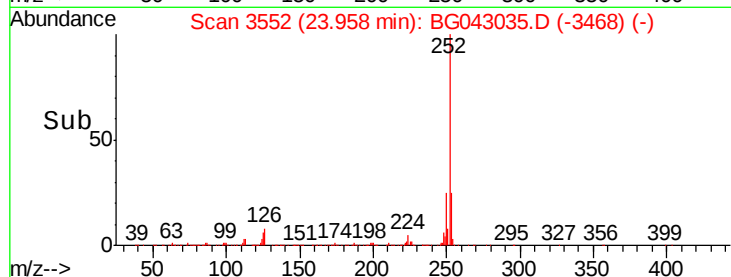
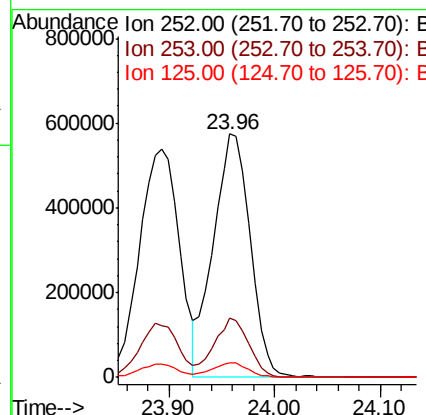
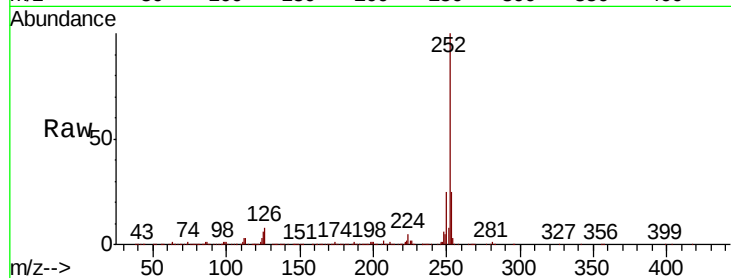




#89
Benzo(k)fluoranthene
Concen: 47.226 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.04 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

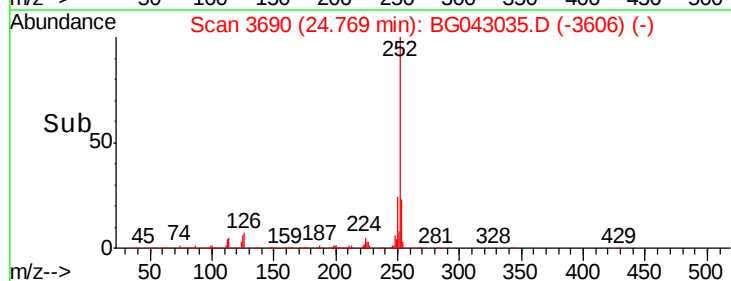
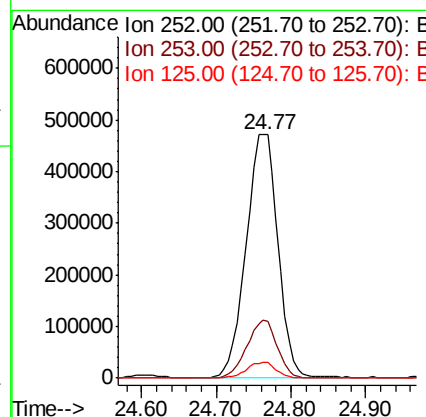
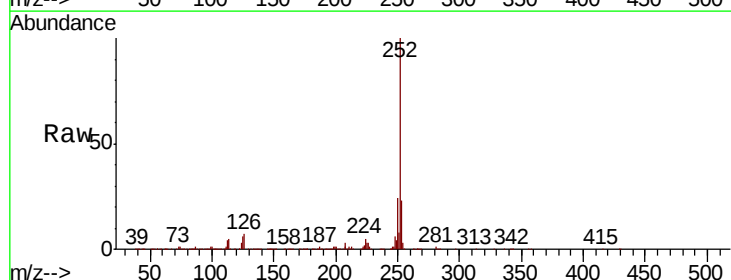
Instrument :
BNA_G
ClientSampleId :

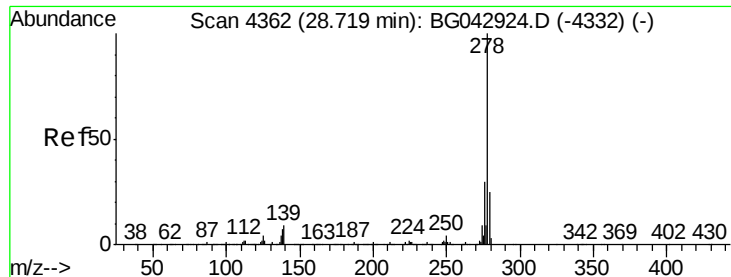
Tot Ion:252 Resp: 1391357
Ion Ratio Lower Upper
252 100
253 24.5 18.9 28.3
125 5.7 4.5 6.7



#90
Benzo(a)pyrene
Concen: 49.735 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.04 min
Lab File: BG043035.D
Acq: 4 Oct 2019 19:33

Tgt Ion:252 Resp: 1397406
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.4
125 6.4 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 48.674 ng

RT: 28.64 min Scan# 4349

Delta R.T. -0.08 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

Instrument :

BNA_G

ClientSampleId :

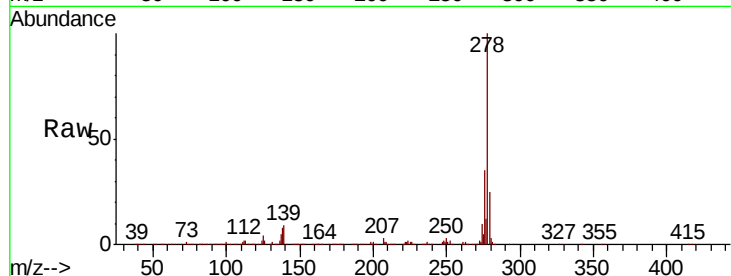
Tot Ion:278 Resp: 1402365

Ion Ratio Lower Upper

278 100

139 9.1 6.8 10.2

279 24.5 20.1 30.1

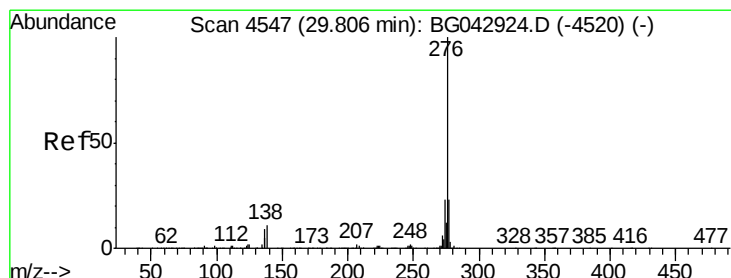
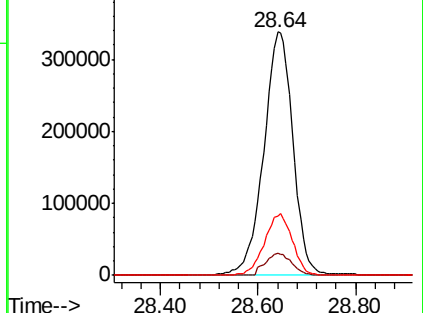
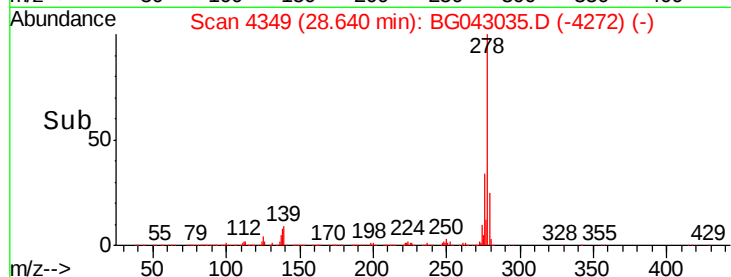


Abundance

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: 50.263 ng

RT: 29.73 min Scan# 4535

Delta R.T. -0.07 min

Lab File: BG043035.D

Acq: 4 Oct 2019 19:33

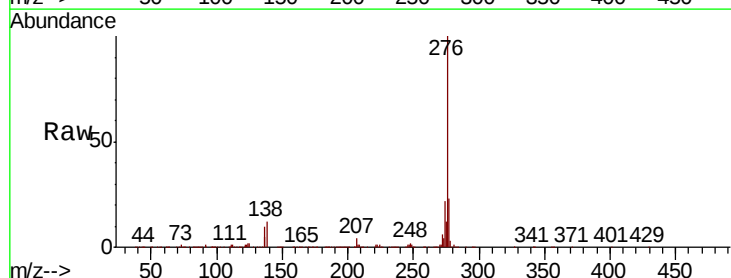
Tgt Ion:276 Resp: 1403126

Ion Ratio Lower Upper

276 100

277 23.0 18.4 27.6

138 12.4 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

