

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
 Data File : BG043093.D
 Acq On : 8 Oct 2019 19:56
 Operator : JU
 Sample : PB123740BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 09 01:10:34 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	8.05	152	48453	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	187383	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	138816	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	330237	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	356685	20.00	ng	-0.02
87) Perylene-d12	24.90	264	404213	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	330532	121.74	ng	-0.01
7) Phenol-d6	7.23	99	450653	115.26	ng	-0.01
23) Nitrobenzene-d5	9.22	82	226763	58.82	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	286426	119.99	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	596676	62.31	ng	-0.02
79) Terphenyl-d14	20.03	244	1181086	70.56	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	44194	39.041	ng	87
3) Pyridine	3.93	79	110393	34.673	ng	89
4) n-Nitrosodimethylamine	3.85	42	59881	39.111	ng	84
6) Aniline	7.39	93	146191	30.975	ng	98
8) 2-Chlorophenol	7.62	128	128425	45.357	ng	97
9) Benzaldehyde	7.20	77	81060	33.928	ng	90
10) Phenol	7.26	94	160803	44.828	ng	93
11) bis(2-Chloroethyl)ether	7.48	93	116115	41.836	ng	94
12) 1,3-Dichlorobenzene	7.95	146	141125	39.071	ng	96
13) 1,4-Dichlorobenzene	8.09	146	143359	39.814	ng	98
14) 1,2-Dichlorobenzene	8.41	146	140161	40.887	ng	97
15) Benzyl Alcohol	8.29	79	117744	40.056	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	162220	30.434	ng	94
17) 2-Methylphenol	8.51	107	113154	45.082	ng	97
18) Hexachloroethane	9.15	117	52300	38.567	ng	99
19) n-Nitroso-di-n-propylamine	8.86	70	100043	38.968	ng	90
20) 3+4-Methylphenols	8.84	107	152911	44.455	ng	95
22) Acetophenone	8.88	105	190668	39.475	ng	94
24) Nitrobenzene	9.26	77	148704	40.439	ng	98
25) Isophorone	9.78	82	275126	40.628	ng	97
26) 2-Nitrophenol	9.97	139	75574	48.277	ng	99
27) 2,4-Dimethylphenol	10.03	122	122063	50.774	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	152532	39.700	ng	100
29) 2,4-Dichlorophenol	10.52	162	138694	46.388	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	154148	39.924	ng	98
31) Naphthalene	10.91	128	392740	42.577	ng	99
32) Benzoic acid	10.16	122	46535	27.785	ng	94
33) 4-Chloroaniline	11.03	127	59830	14.948	ng	95
34) Hexachlorobutadiene	11.20	225	111478	38.560	ng	99
35) Caprolactam	11.79	113	45966	43.595	ng	# 69
36) 4-Chloro-3-methylphenol	12.14	107	148741	45.754	ng	96
37) 2-Methylnaphthalene	12.51	142	300377	42.686	ng	97
38) 1-Methylnaphthalene	12.73	142	287719	43.211	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	193599	37.092	ng	97

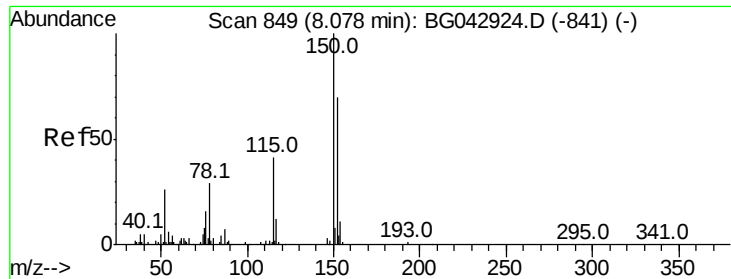
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	268158	80.636	nq	95
43) 2,4,6-Trichlorophenol	13.12	196	132360	43.327	nq	95
44) 2,4,5-Trichlorophenol	13.19	196	141985	45.117	nq	96
46) 1,1'-Biphenyl	13.51	154	404249	38.401	nq	99
47) 2-Chloronaphthalene	13.56	162	319679	40.504	nq	98
48) 2-Nitroaniline	13.76	65	102407	39.017	nq	88
49) Acenaphthylene	14.40	152	513953	42.557	nq	99
50) Dimethylphthalate	14.13	163	421785	40.552	nq	98
51) 2,6-Dinitrotoluene	14.25	165	97101	43.839	nq	93
52) Acenaphthene	14.74	154	310771	38.444	nq	99
53) 3-Nitroaniline	14.58	138	65695	28.700	nq	97
54) 2,4-Dinitrophenol	14.78	184	46423	33.719	nq	91
55) Dibenzofuran	15.07	168	503366	42.094	nq	99
56) 4-Nitrophenol	14.90	139	151811	87.042	nq	99
57) 2,4-Dinitrotoluene	15.03	165	137123	42.275	nq	95
58) Fluorene	15.72	166	417038	40.849	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	140982	42.074	nq	# 99
60) Diethylphthalate	15.49	149	418989	39.583	nq	99
61) 4-Chlorophenyl-phenylether	15.72	204	243044	39.695	nq	99
62) 4-Nitroaniline	15.74	138	95289	38.169	nq	97
63) Azobenzene	16.01	77	375979	39.014	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	53073	28.401	nq	98
66) n-Nitrosodiphenylamine	15.93	169	380846	43.686	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	170662	41.175	nq	98
68) Hexachlorobenzene	16.73	284	194073	42.053	nq	98
69) Atrazine	16.88	200	165076	44.967	nq	97
70) Pentachlorophenol	17.07	266	184753	69.380	nq	98
71) Phenanthrene	17.46	178	678875	42.108	nq	98
72) Anthracene	17.55	178	704778	43.788	nq	98
73) Carbazole	17.82	167	644610	43.189	nq	99
74) Di-n-butylphthalate	18.38	149	736204	41.342	nq	100
75) Fluoranthene	19.47	202	899301	42.172	nq	98
77) Benzidine	19.65	184	535459	59.955	nq	99
78) Pyrene	19.83	202	923848	43.395	nq	99
80) Butylbenzylphthalate	20.72	149	338682	41.912	nq	98
81) Benzo(a)anthracene	21.67	228	944293	42.488	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	252551	28.973	nq	100
83) Chrysene	21.74	228	905744	41.996	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	489789	42.596	nq	98
85) Di-n-octyl phthalate	22.78	149	823239	43.783	nq	96
86) Indeno(1,2,3-cd)pyrene	28.56	276	1167401	43.479	nq	100
88) Benzo(b)fluoranthene	23.88	252	971875	42.493	nq	100
89) Benzo(k)fluoranthene	23.95	252	981859	43.395	nq	98
90) Benzo(a)pyrene	24.76	252	903390	41.866	nq	98
91) Dibenzo(a,h)anthracene	28.64	278	993135	44.884	nq	99
92) Benzo(g,h,i)perylene	29.72	276	976675	45.556	nq	98

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

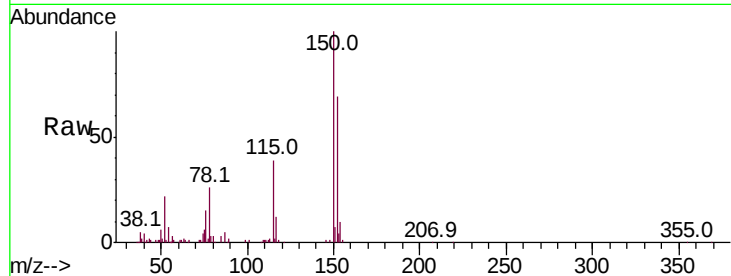


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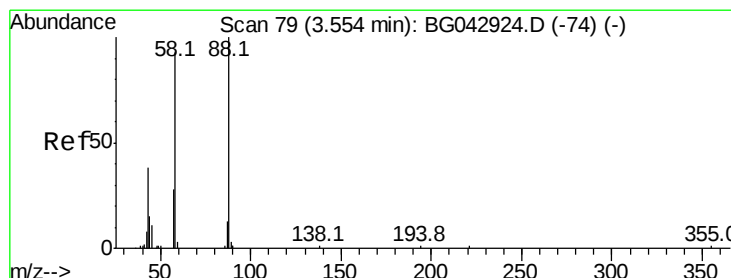
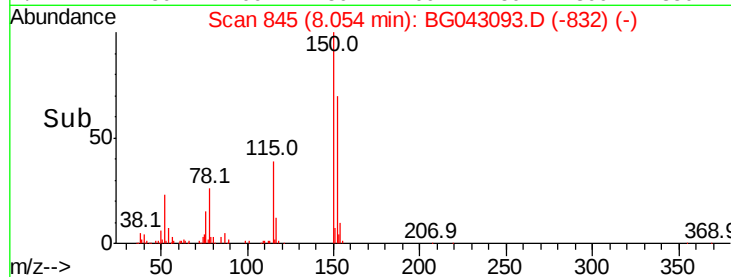
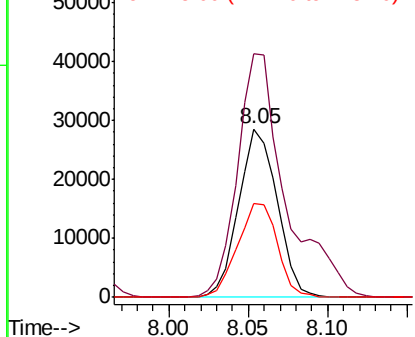
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.3	115.0	172.4
115	55.7	47.0	70.6



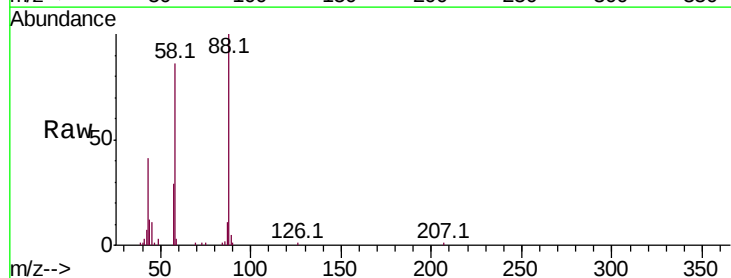
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



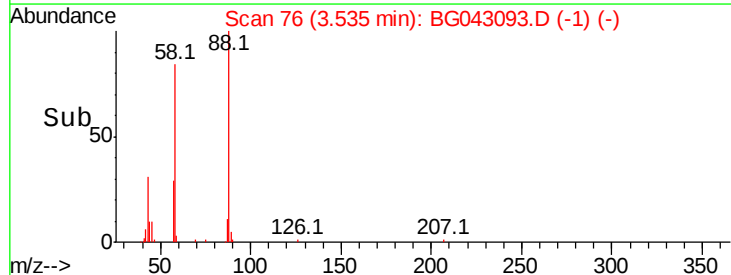
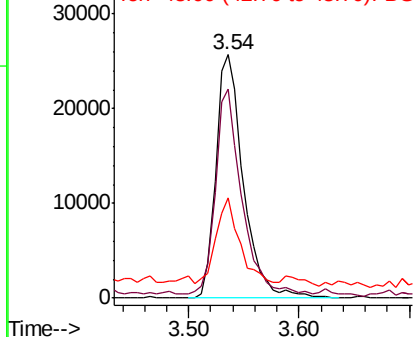
#2

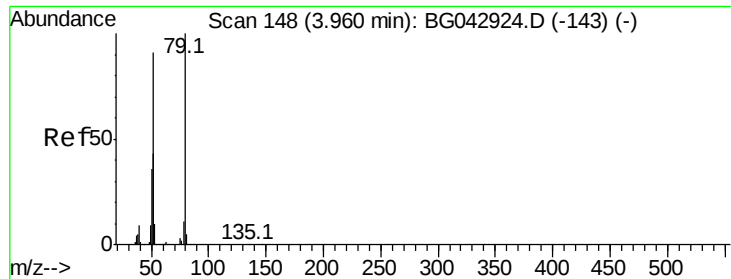
1,4-Dioxane
Concen: 39.041 ng
RT: 3.54 min Scan# 76
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.3	74.3	111.5
43	30.2	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: 34.673 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

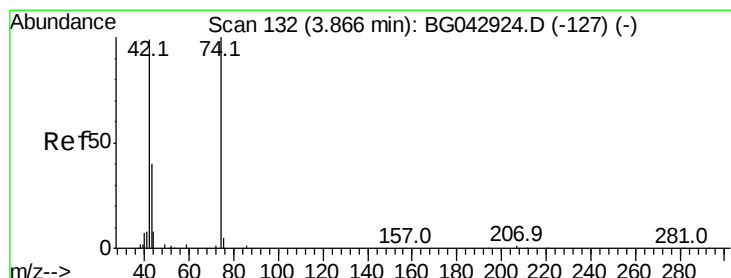
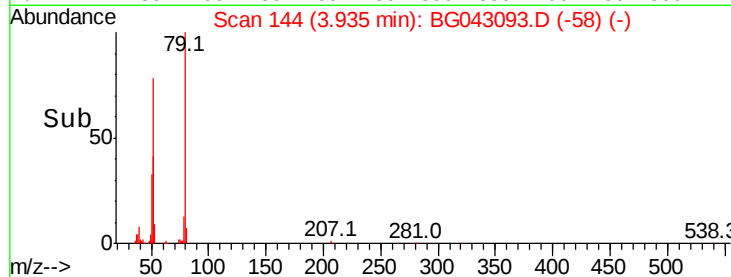
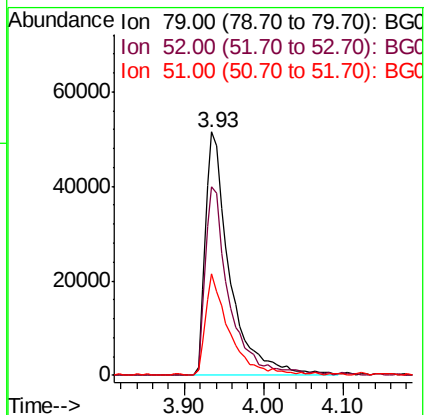
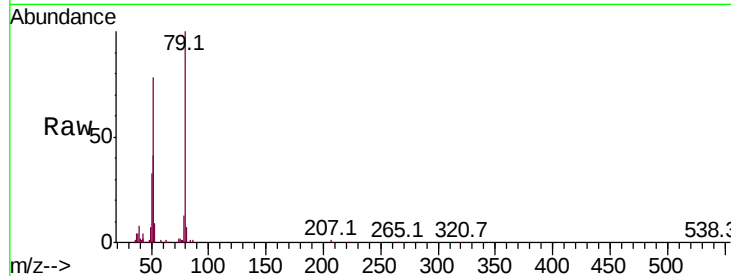
Tot Ion: 79 Resp: 110393

Ion Ratio Lower Upper

79 100

52 77.5 73.0 109.4

51 41.5 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 39.111 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

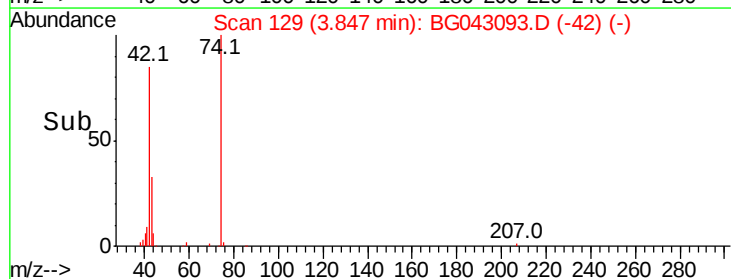
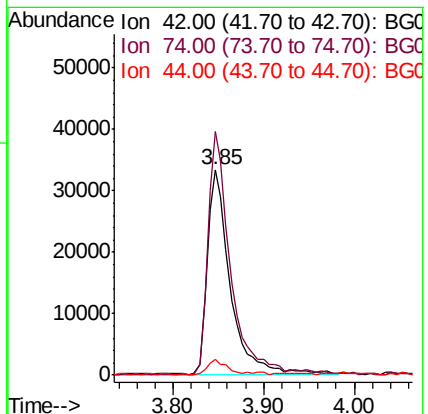
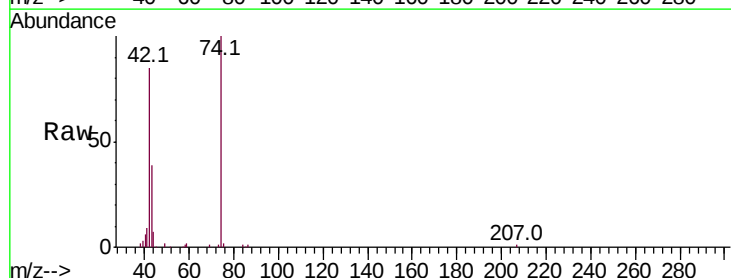
Tgt Ion: 42 Resp: 59881

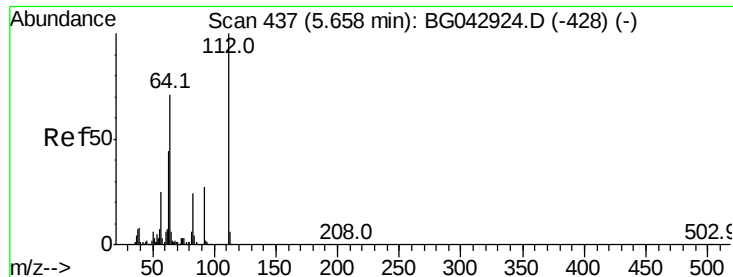
Ion Ratio Lower Upper

42 100

74 118.3 80.5 120.7

44 7.8 6.9 10.3





#5

2-Fluorophenol

Concen: 121.742 ng

RT: 5.64 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampled :

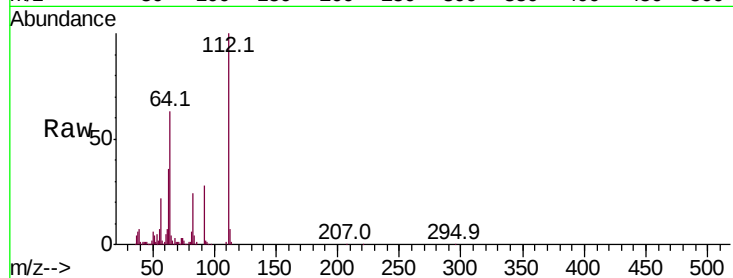
Tot Ion:112 Resp: 330532

Ion Ratio Lower Upper

112 100

64 63.3 56.6 84.8

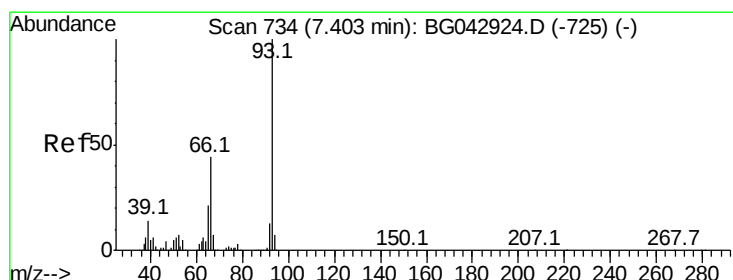
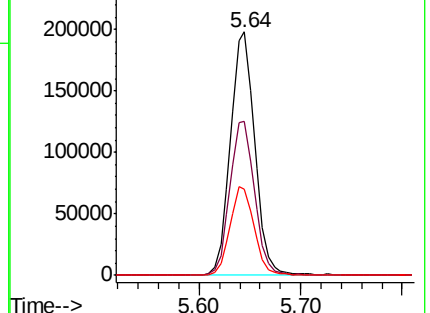
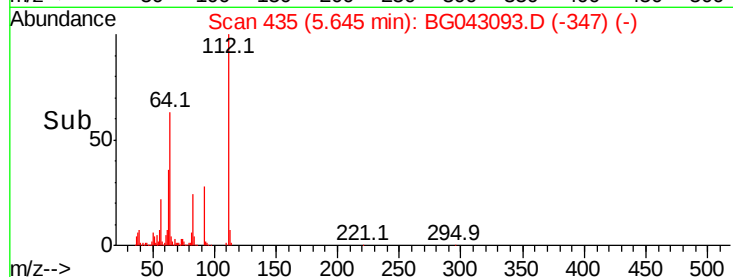
63 35.5 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.975 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

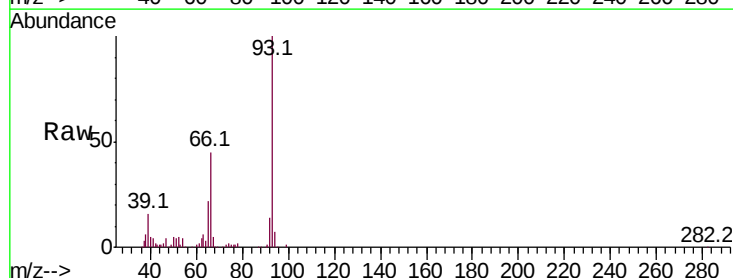
Tgt Ion: 93 Resp: 146191

Ion Ratio Lower Upper

93 100

66 45.3 35.0 52.6

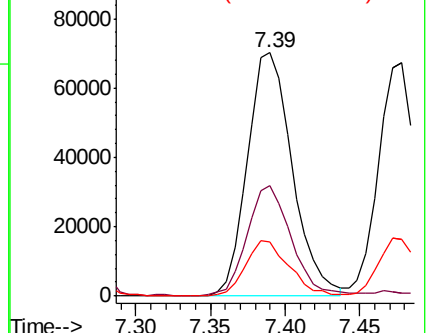
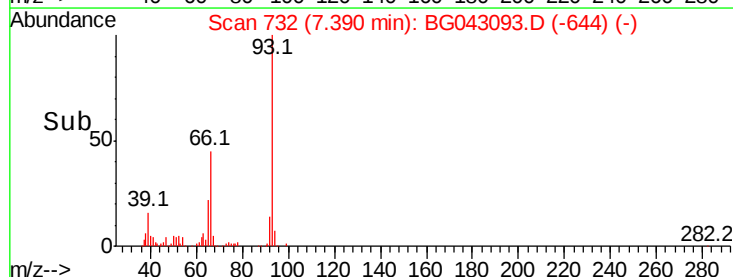
65 22.2 17.4 26.0

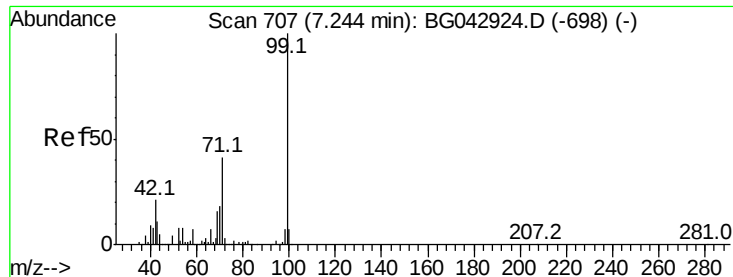


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.262 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

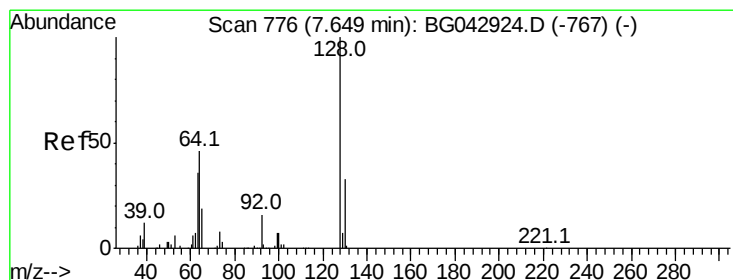
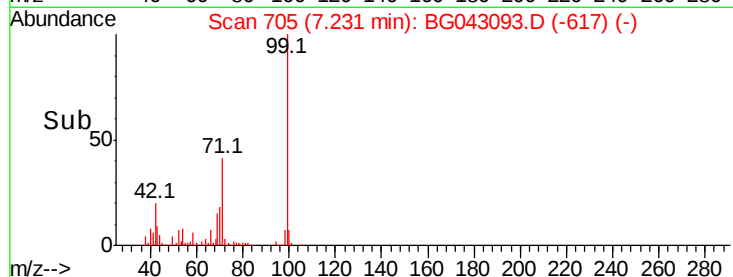
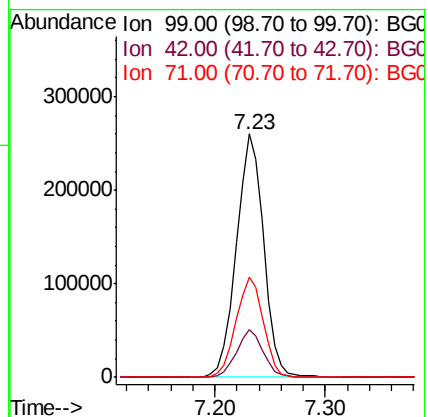
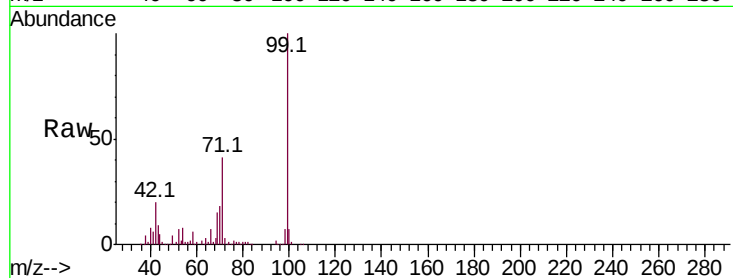
Tot Ion: 99 Resp: 450653

Ion Ratio Lower Upper

99 100

42 19.6 17.2 25.8

71 41.3 33.1 49.7



#8

2-Chlorophenol

Concen: 45.357 ng

RT: 7.62 min Scan# 772

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

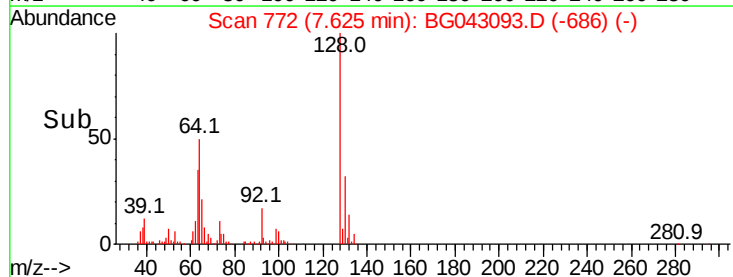
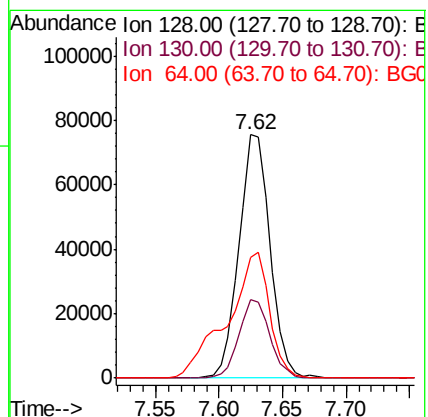
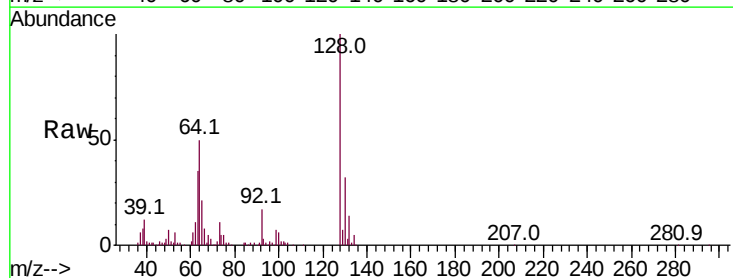
Tgt Ion: 128 Resp: 128425

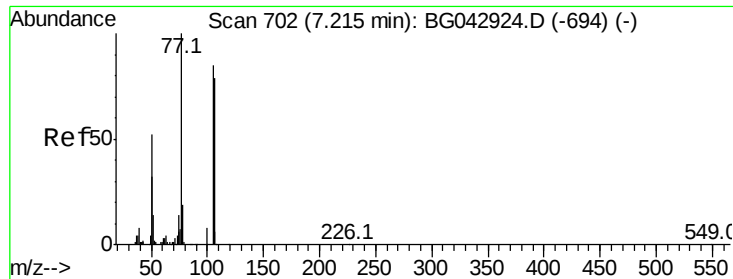
Ion Ratio Lower Upper

128 100

130 32.0 12.5 52.5

64 49.7 32.8 72.8





#9

Benzaldehyde

Concen: 33.928 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampled :

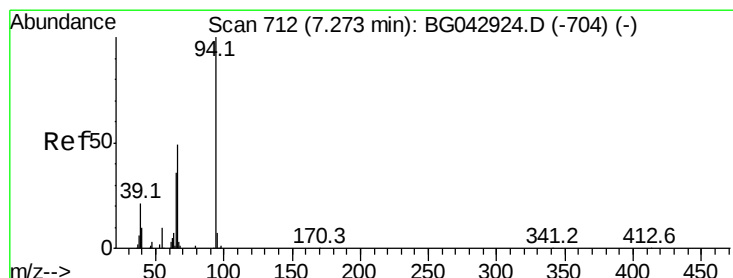
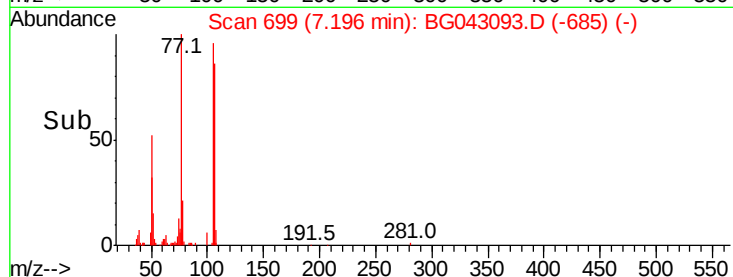
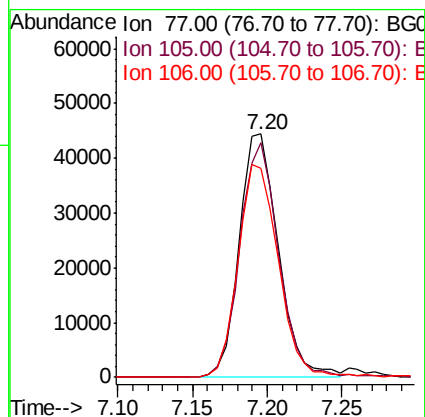
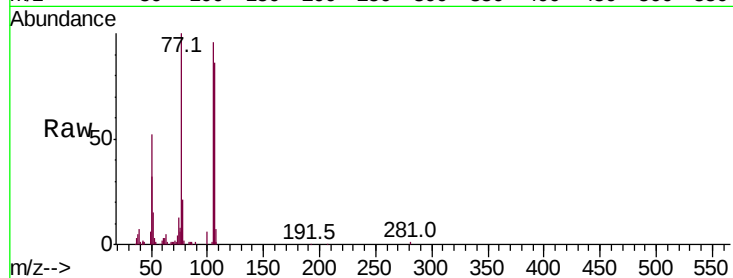
Tot Ion: 77 Resp: 81060

Ion Ratio Lower Upper

77 100

105 96.3 64.6 104.6

106 85.7 59.4 99.4



#10

Phenol

Concen: 44.828 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

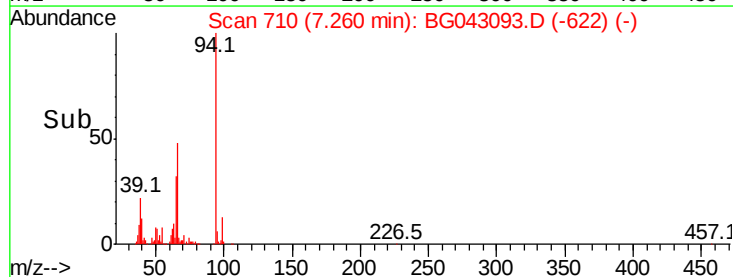
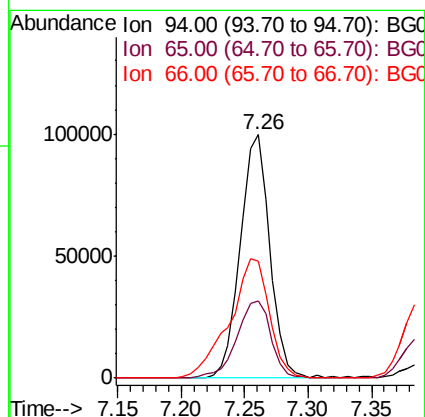
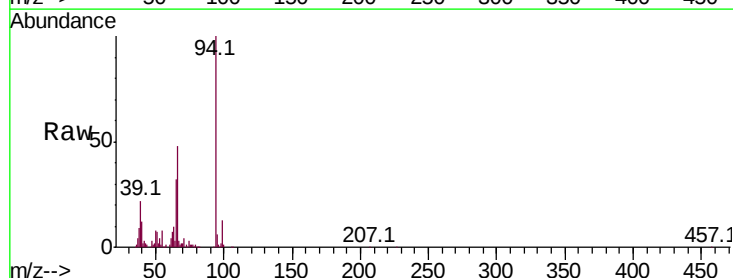
Tgt Ion: 94 Resp: 160803

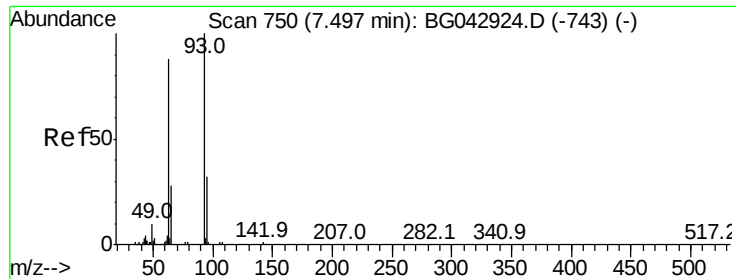
Ion Ratio Lower Upper

94 100

65 31.7 16.6 56.6

66 47.9 32.4 72.4

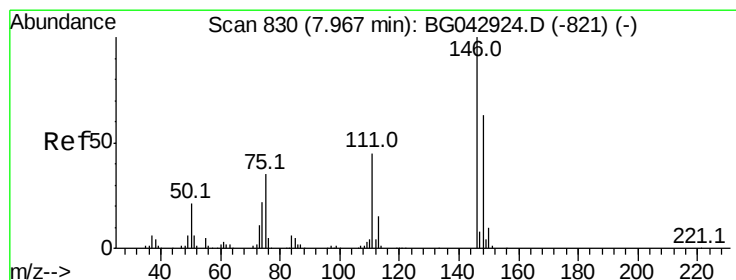
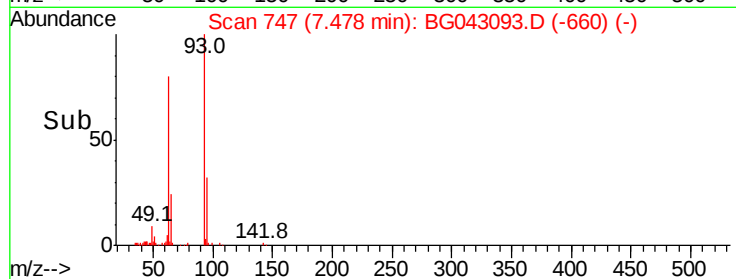
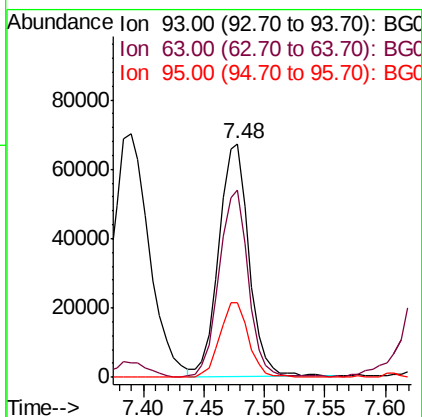
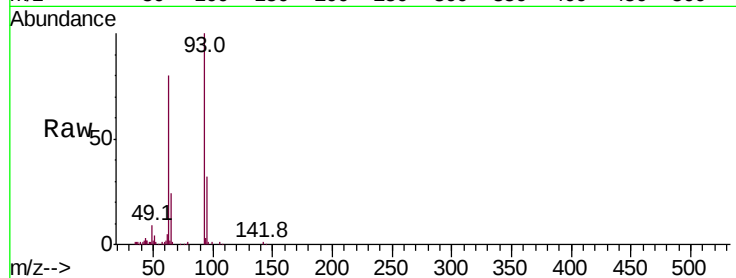




#11
bis(2-Chloroethyl)ether
Concen: 41.836 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

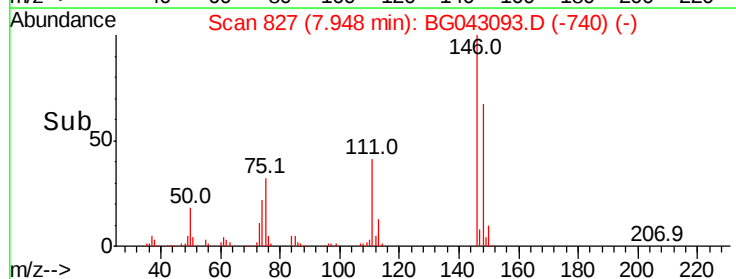
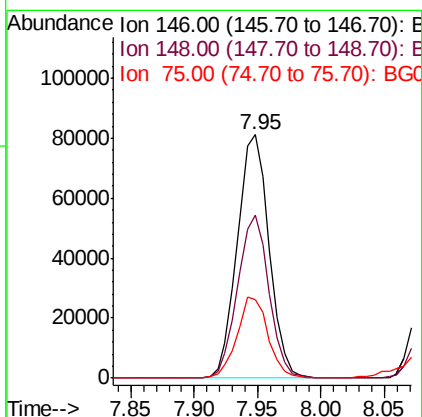
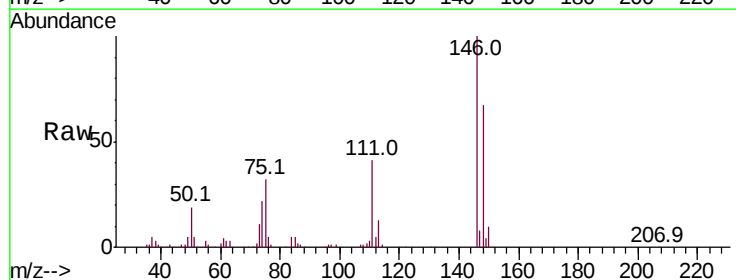
Instrument :
BNA_G
ClientSampleId :

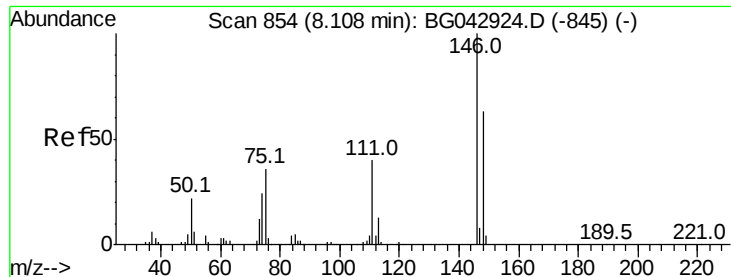
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.2	67.4	107.4
95	32.1	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 39.071 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	50.7	76.1
75	32.3	27.7	41.5





#13

1,4-Dichlorobenzene

Concen: 39.814 ng

RT: 8.09 min Scan# 852

Delta R.T. -0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampled :

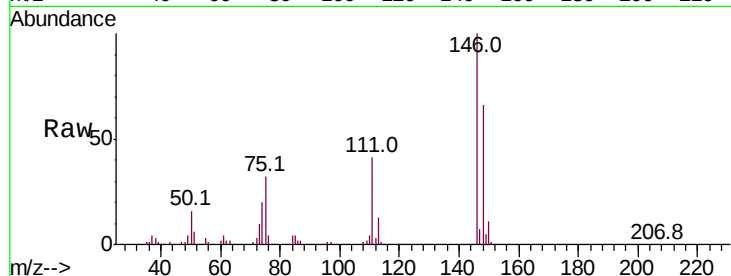
Tot Ion:146 Resp: 143359

Ion Ratio Lower Upper

146 100

148 65.5 50.9 76.3

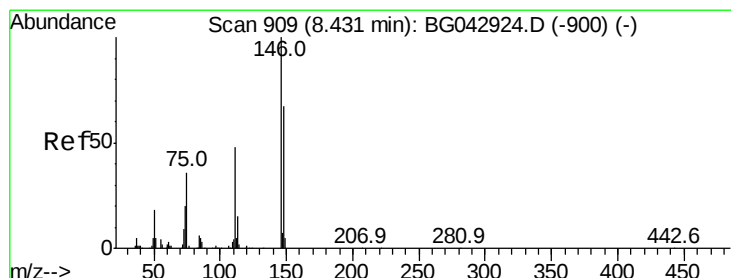
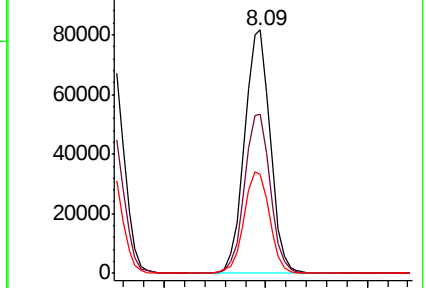
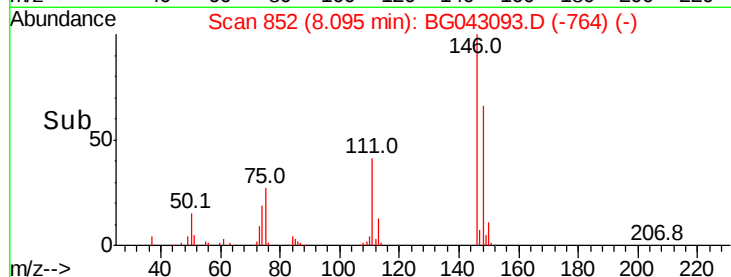
111 40.7 31.8 47.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.887 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

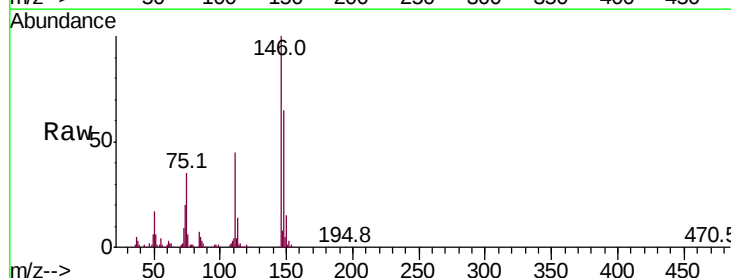
Tgt Ion:146 Resp: 140161

Ion Ratio Lower Upper

146 100

148 65.4 53.4 80.2

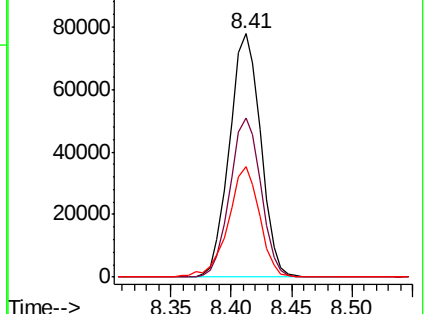
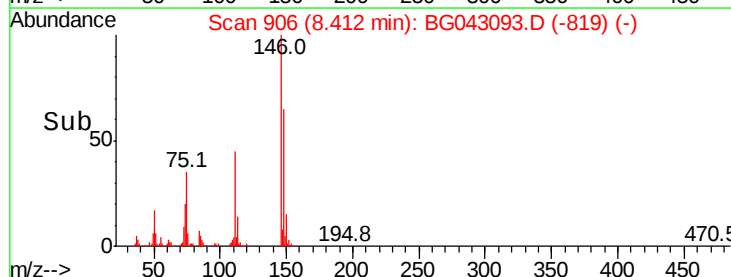
111 45.2 38.5 57.7

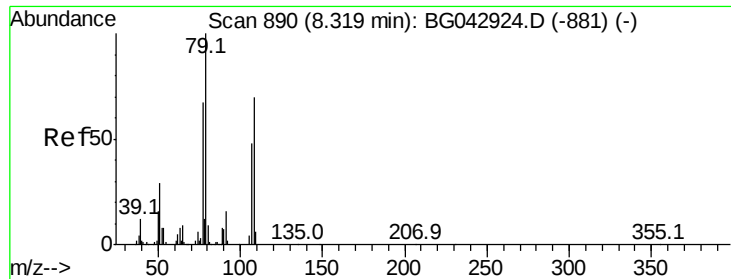


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.056 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

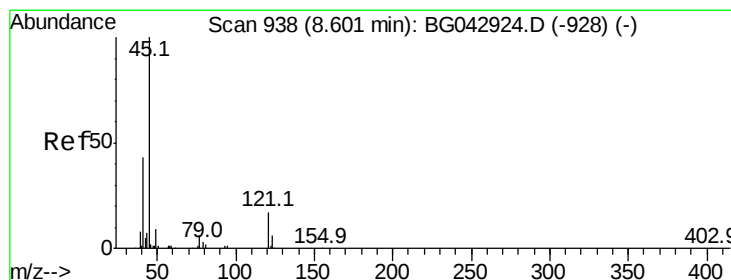
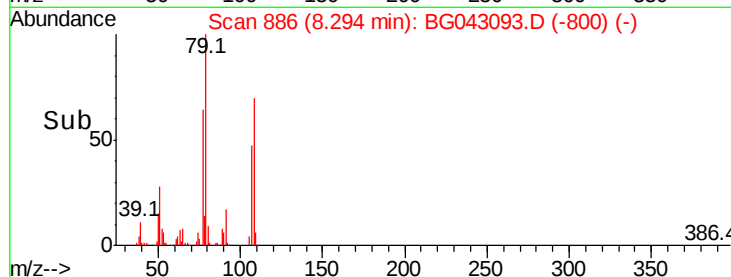
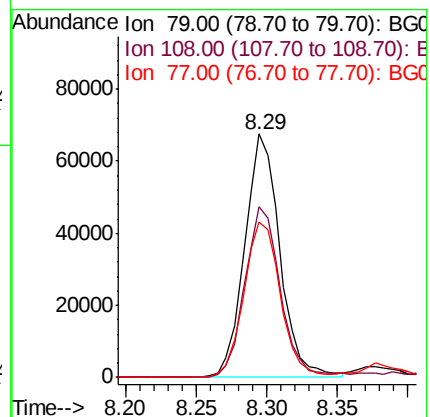
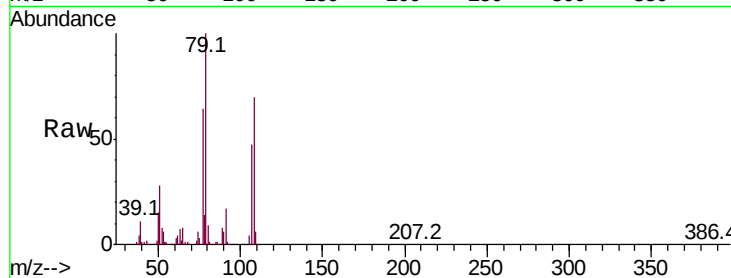
Tot Ion: 79 Resp: 117744

Ion Ratio Lower Upper

79 100

108 70.0 55.7 83.5

77 63.8 53.3 79.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.434 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

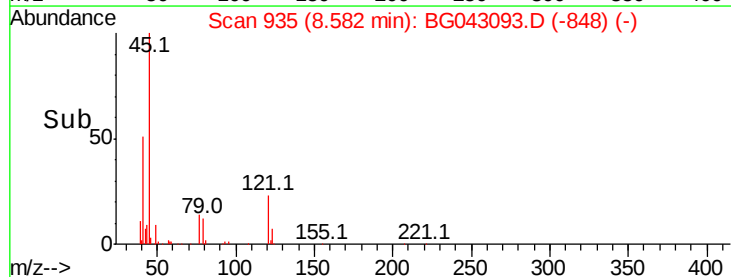
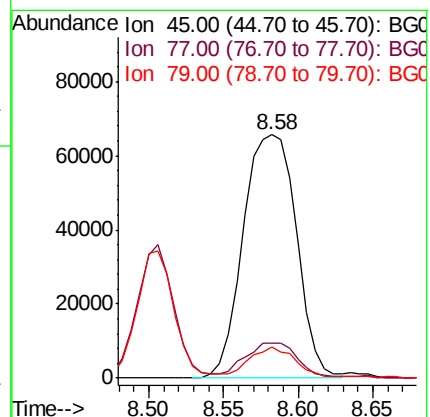
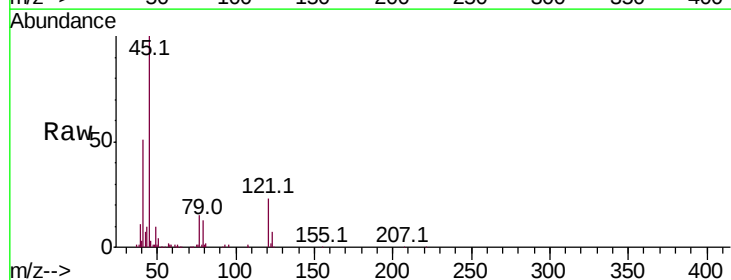
Tgt Ion: 45 Resp: 162220

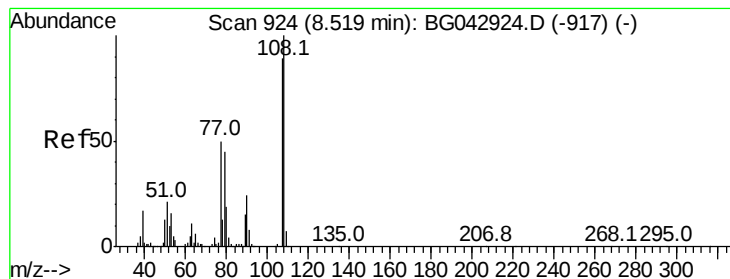
Ion Ratio Lower Upper

45 100

77 14.5 0.0 32.8

79 12.7 0.0 29.4





#17

2-Methylphenol

Concen: 45.082 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 113154

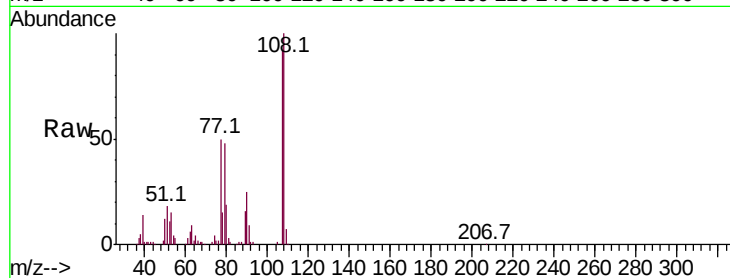
Ion Ratio Lower Upper

107 100

108 108.8 89.9 134.9

77 54.6 45.4 68.2

79 52.4 41.4 62.0

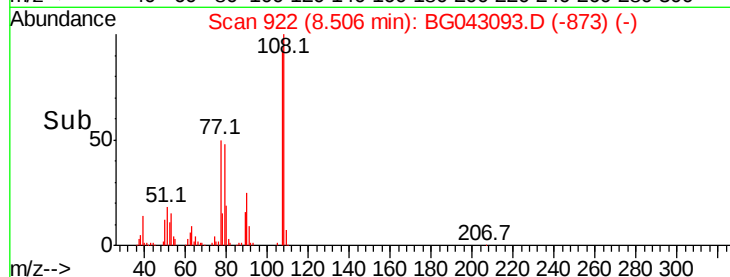


Abundance Ion 107.00 (106.70 to 107.70): E

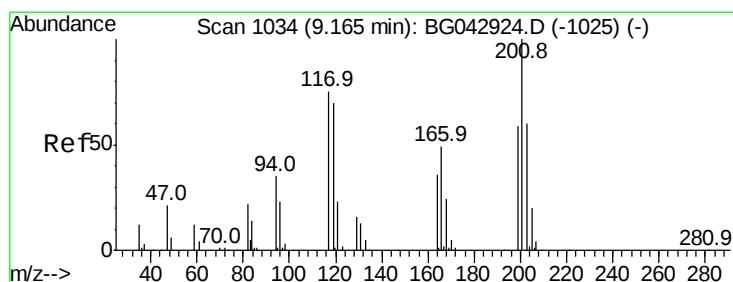
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 38.567 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

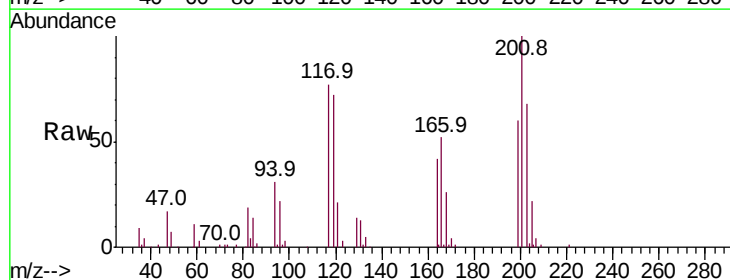
Tgt Ion:117 Resp: 52300

Ion Ratio Lower Upper

117 100

119 93.4 74.6 111.8

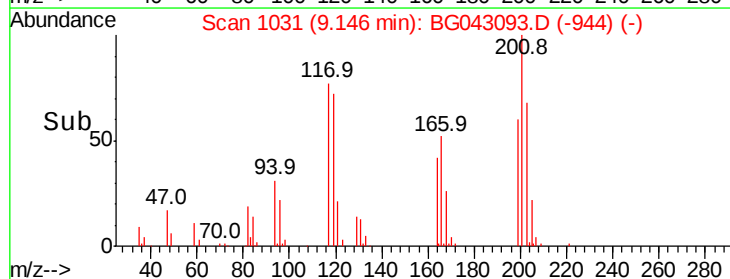
201 129.7 106.0 159.0



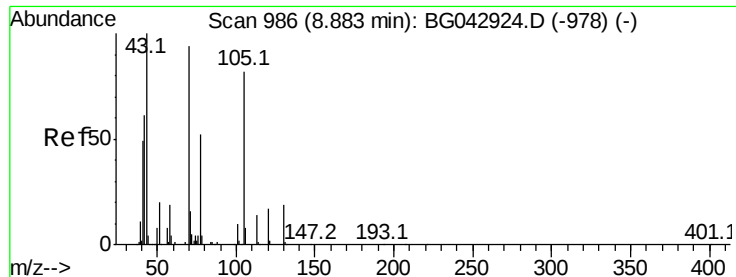
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



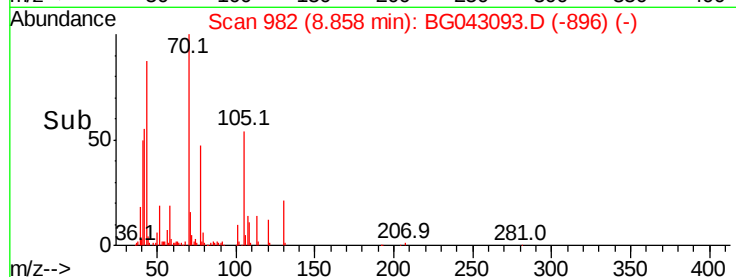
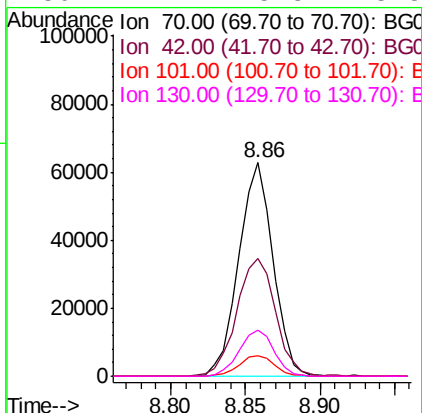
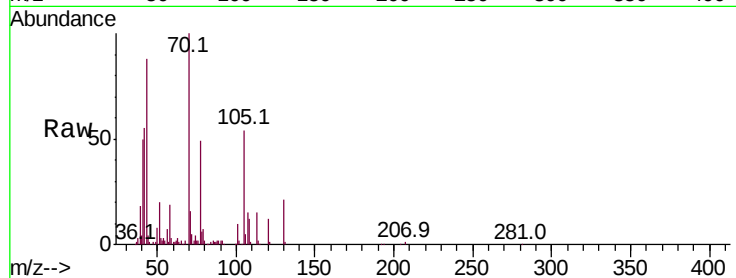
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 38.968 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

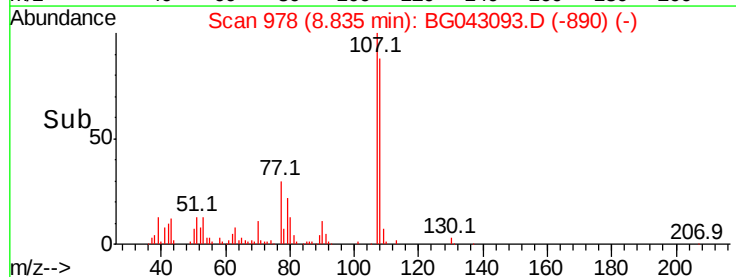
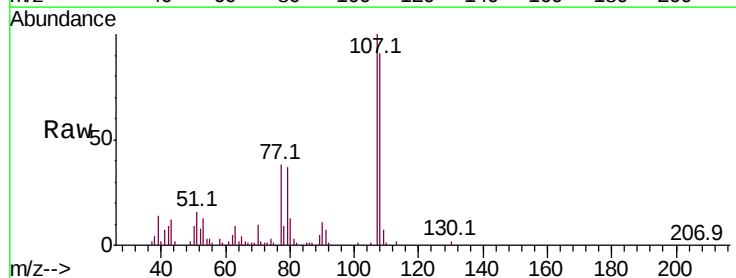
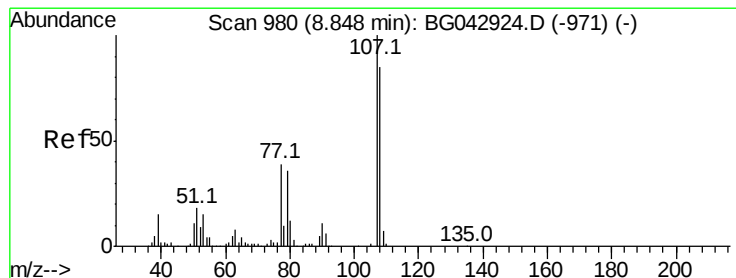
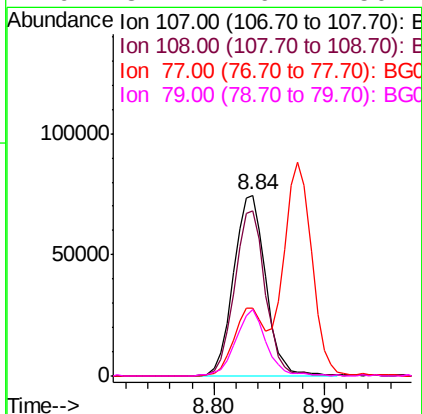
Instrument :
BNA_G
ClientSampleId :

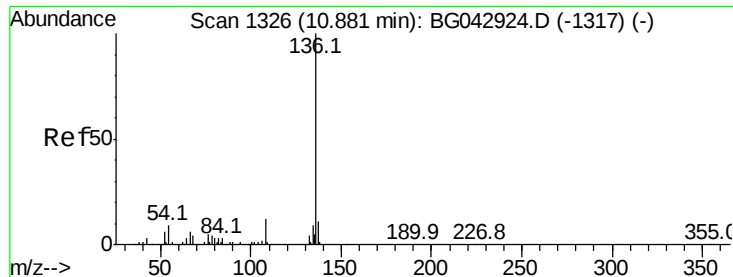
Tot Ion: 70 Resp: 100043
Ion Ratio Lower Upper
70 100
42 55.4 52.6 79.0
101 9.6 8.7 13.1
130 21.4 15.8 23.8



#20
3+4-Methylphenols
Concen: 44.455 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion:107 Resp: 152911
Ion Ratio Lower Upper
107 100
108 91.4 64.9 104.9
77 37.8 19.4 59.4
79 37.1 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG043093.D

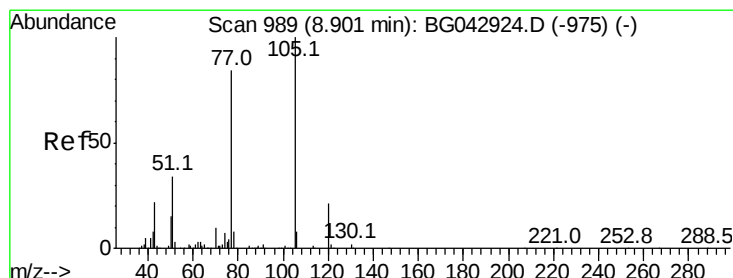
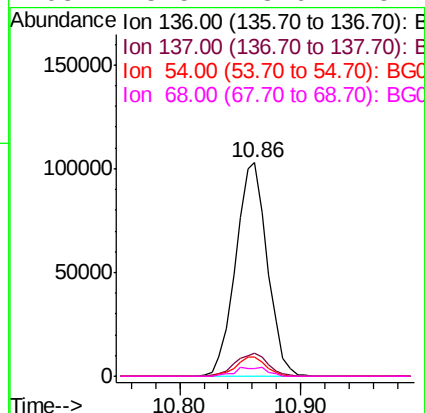
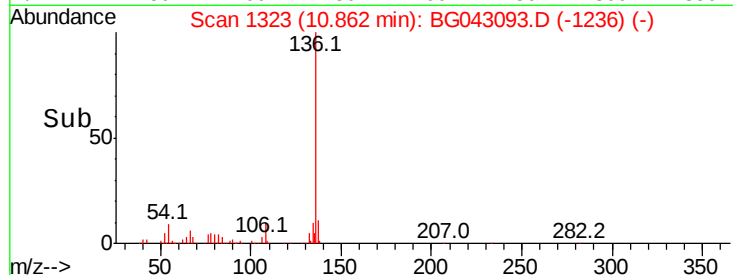
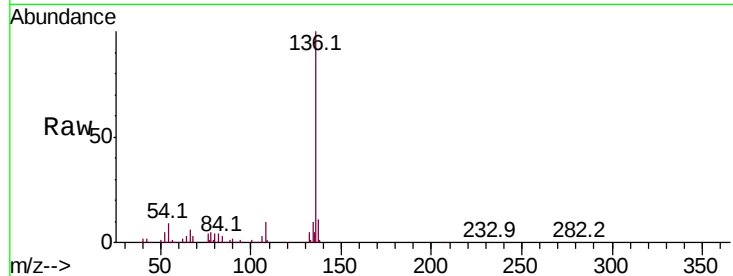
Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136	Resp:	187383
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	8.7	7.4 11.2
68	3.5	3.6 5.4#



#22

Acetophenone

Concen: 39.475 ng

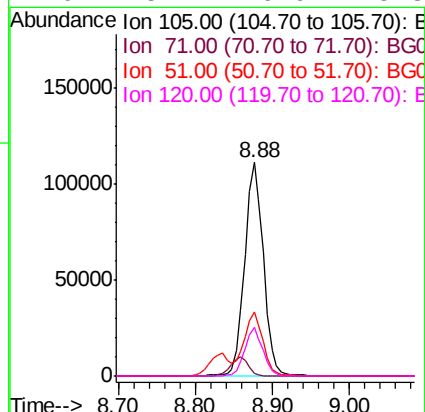
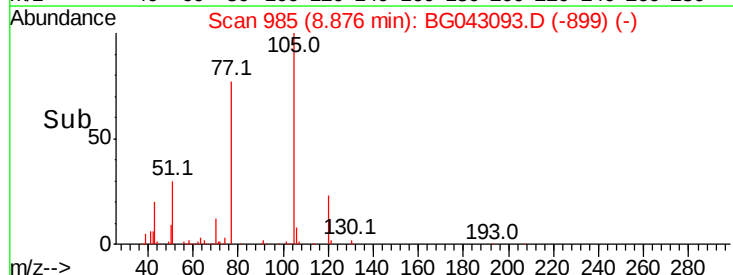
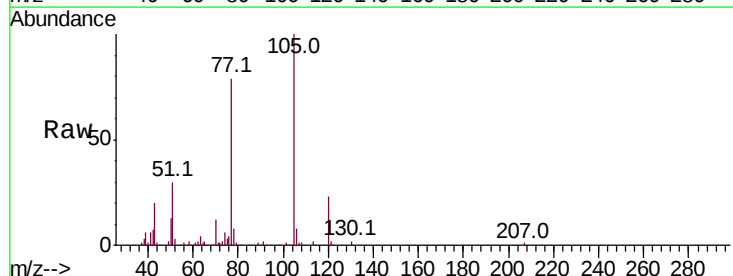
RT: 8.88 min Scan# 985

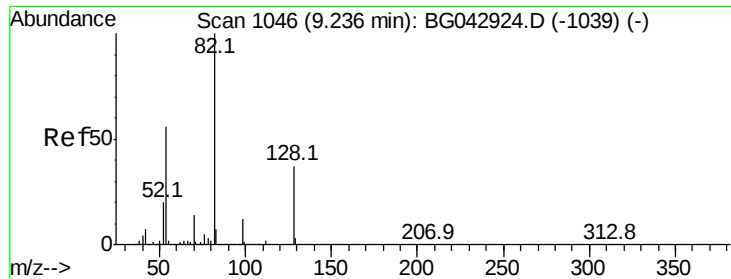
Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Tgt Ion:105	Resp:	190668
Ion Ratio	Lower	Upper
105	100	
71	1.3	1.2 1.8
51	29.7	27.2 40.8
120	23.1	16.9 25.3

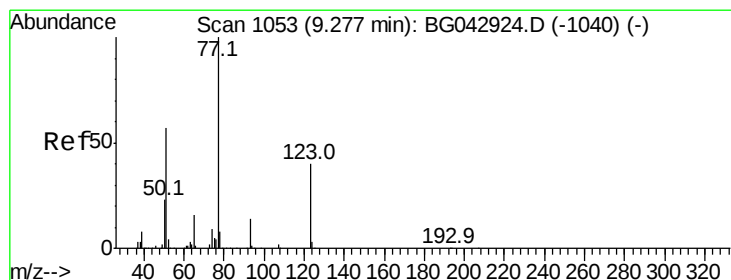
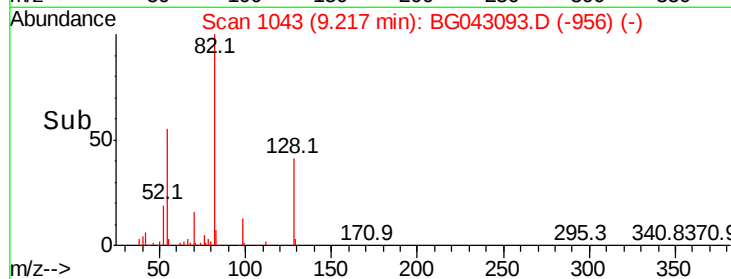
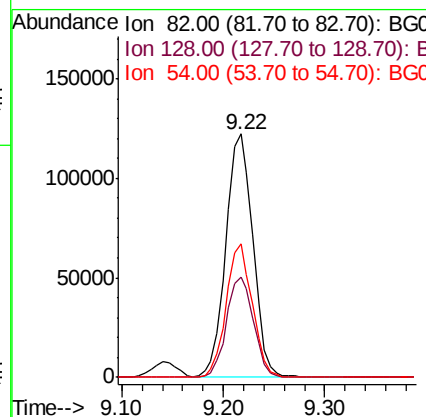
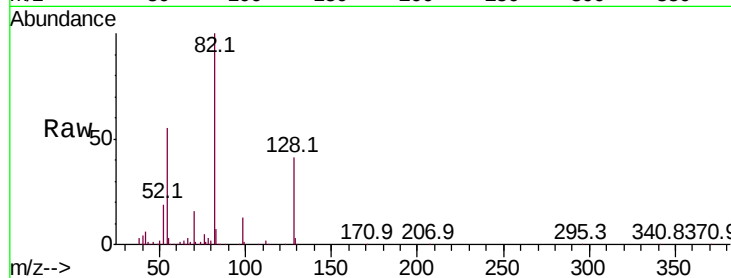




#23
Nitrobenzene-d5
Concen: 58.820 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

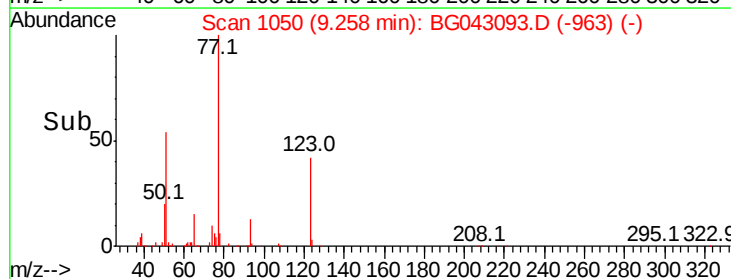
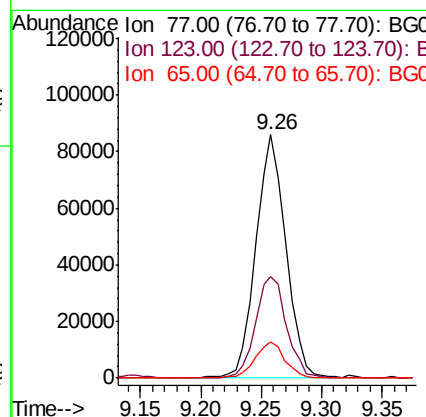
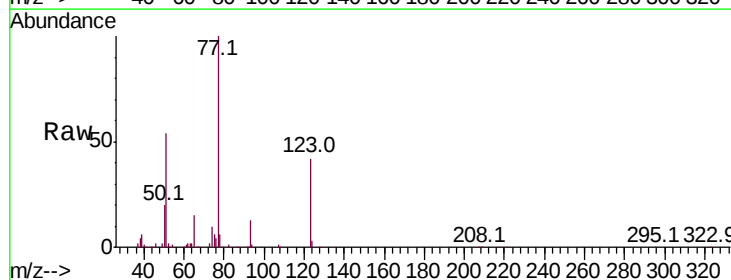
Instrument :
BNA_G
ClientSampleId :

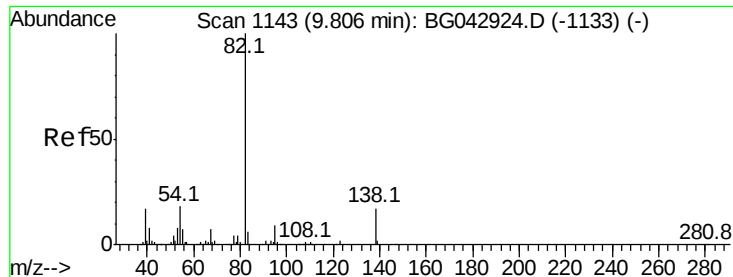
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	29.5	44.3
54	54.6	44.6	67.0



#24
Nitrobenzene
Concen: 40.439 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.6	31.9	47.9
65	15.1	12.4	18.6





#25

Isophorone

Concen: 40.628 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

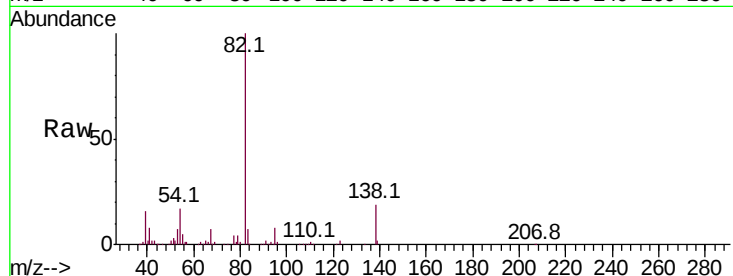
Tot Ion: 82 Resp: 275126

Ion Ratio Lower Upper

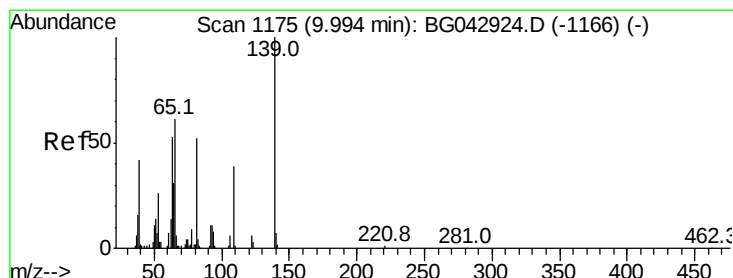
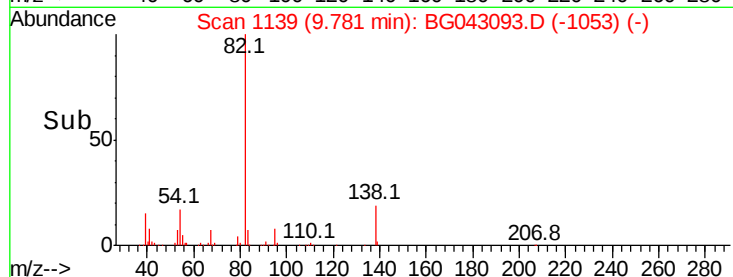
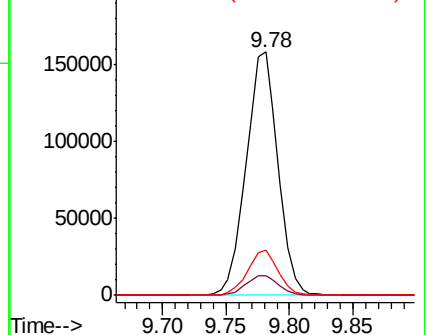
82 100

95 8.1 7.0 10.4

138 18.8 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: 48.277 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

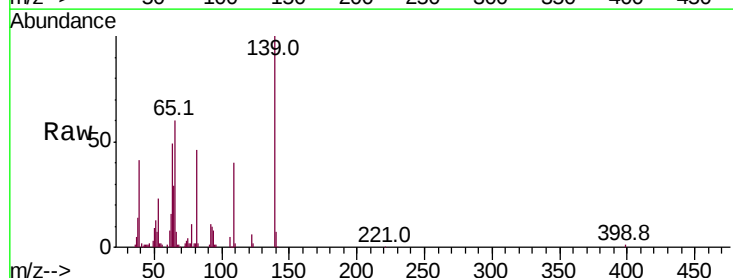
Tgt Ion: 139 Resp: 75574

Ion Ratio Lower Upper

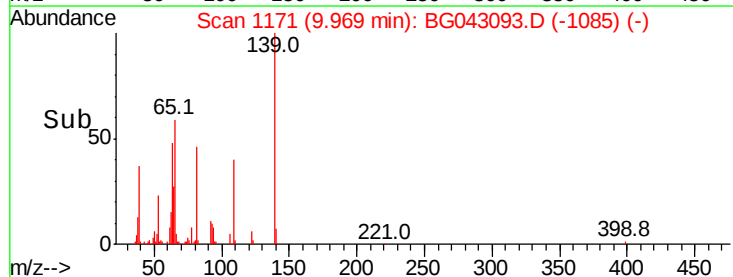
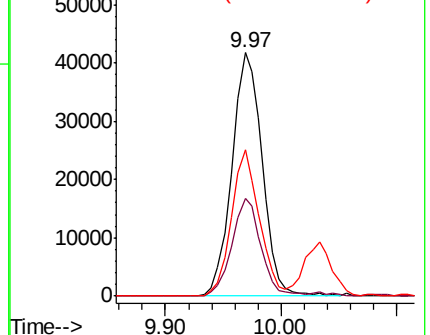
139 100

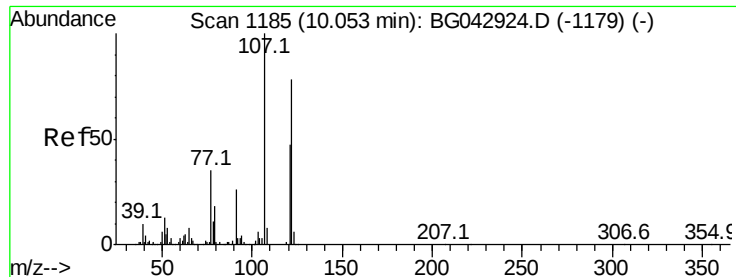
109 40.2 31.0 46.6

65 60.3 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: 50.774 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampled :

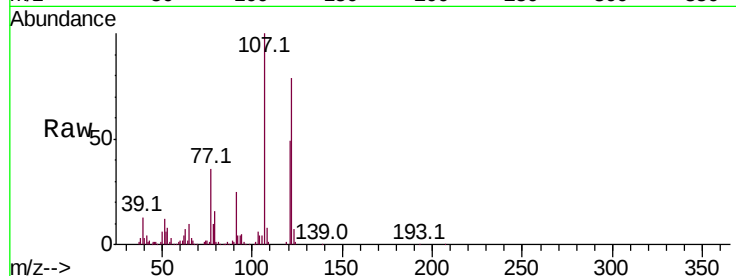
Tot Ion:122 Resp: 122063

Ion Ratio Lower Upper

122 100

107 126.9 102.2 153.2

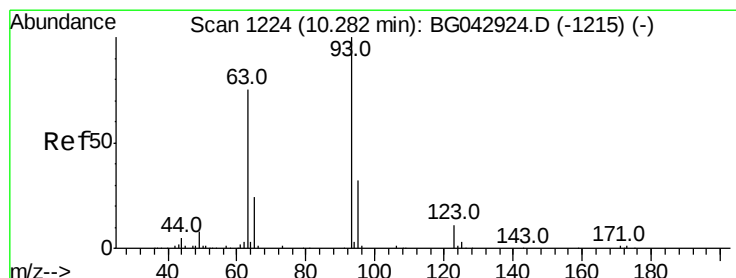
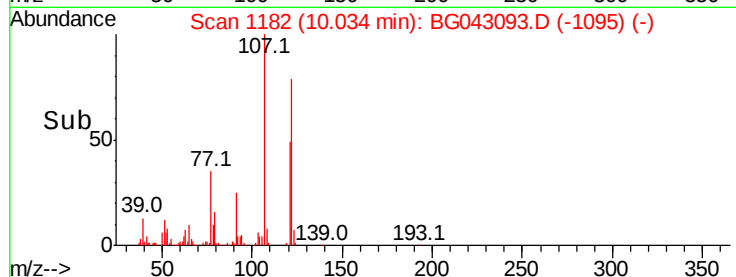
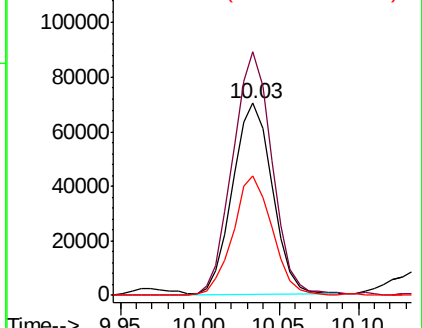
121 62.0 48.5 72.7



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: 39.700 ng

RT: 10.26 min Scan# 1221

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

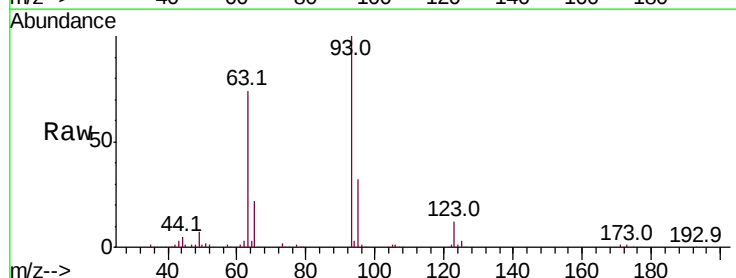
Tgt Ion: 93 Resp: 152532

Ion Ratio Lower Upper

93 100

95 32.0 25.4 38.0

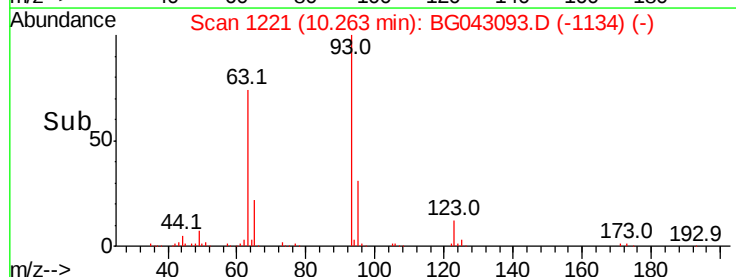
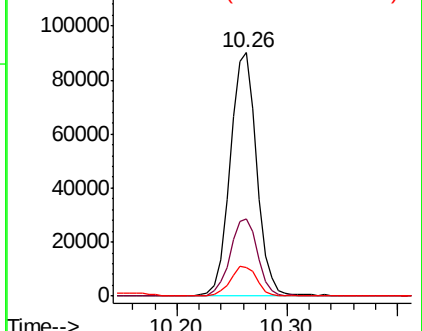
123 11.6 9.3 13.9

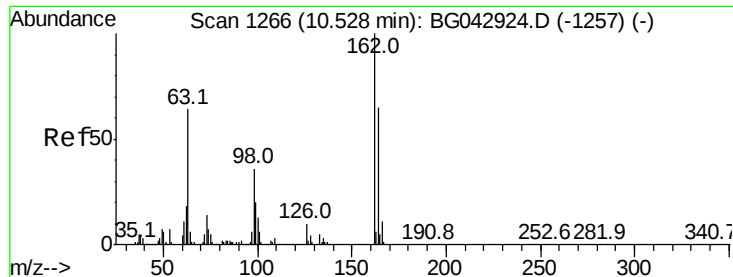


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

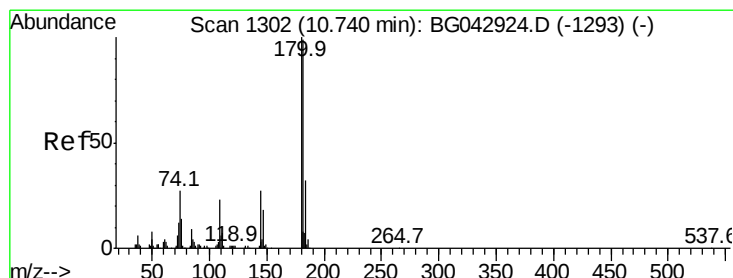
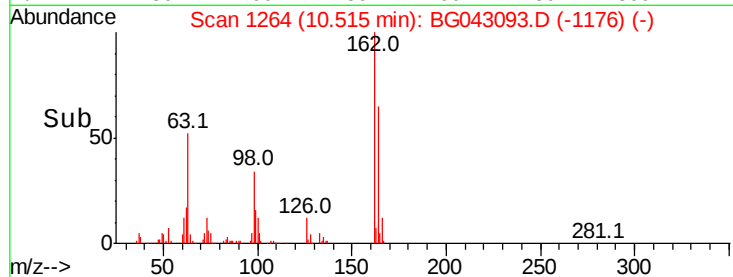
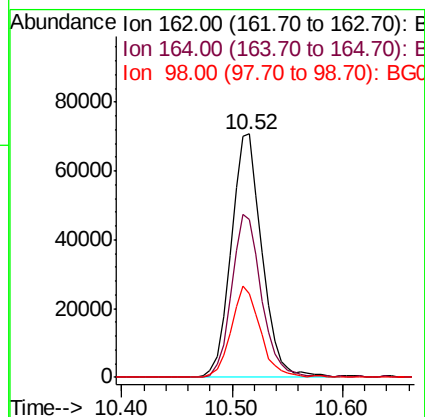
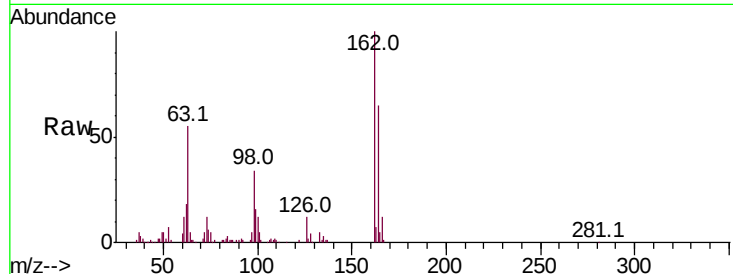




#29
 2,4-Dichlorophenol
 Concen: 46.388 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

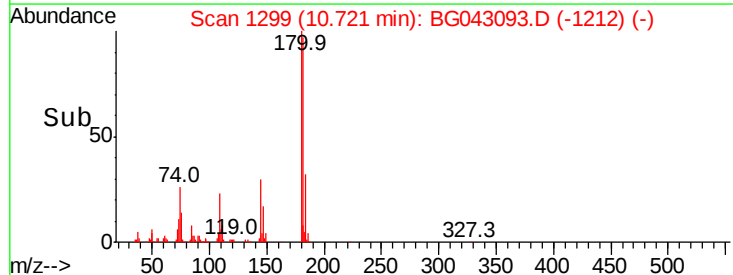
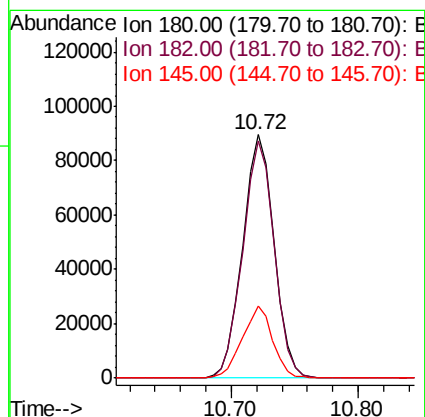
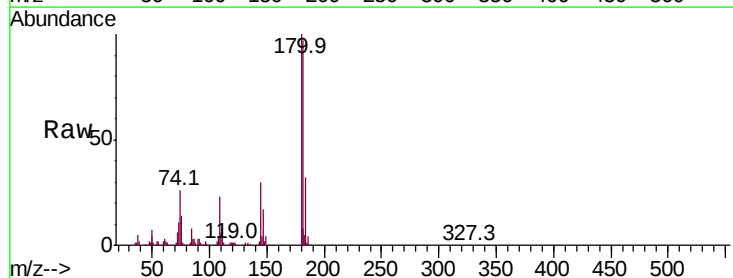
Instrument :
 BNA_G
 ClientSampled :

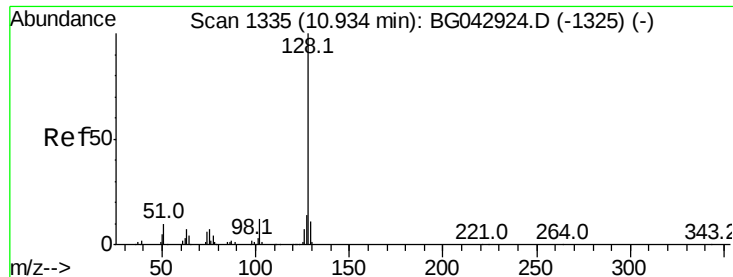
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.7	84.7
98	34.1	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.924 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	79.3	118.9
145	29.5	22.0	33.0

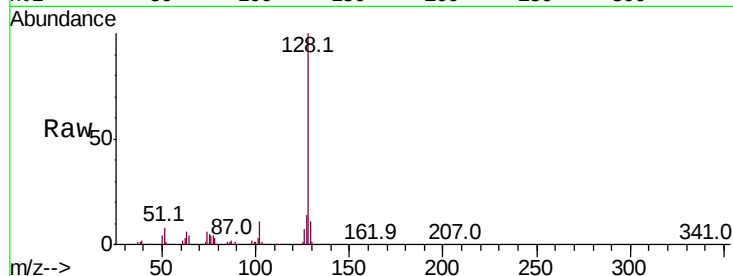




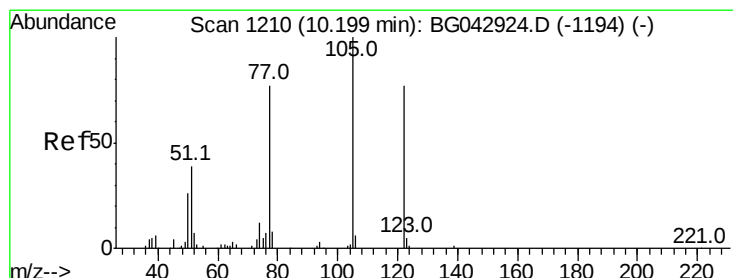
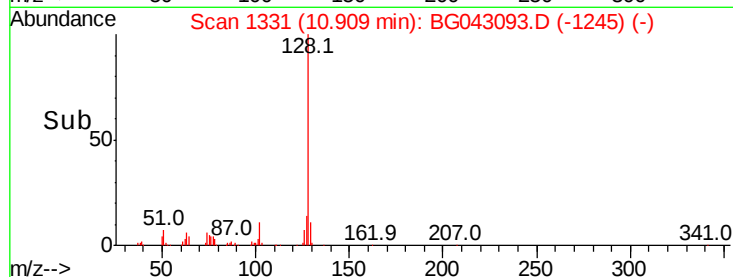
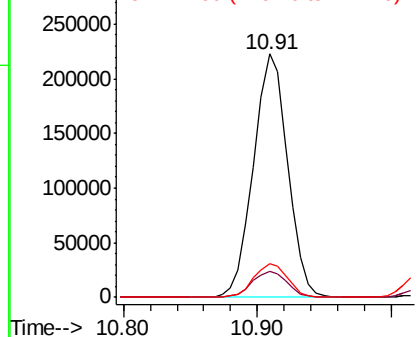
#31
Naphthalene
Concen: 42.577 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 392740
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 14.0 11.3 16.9

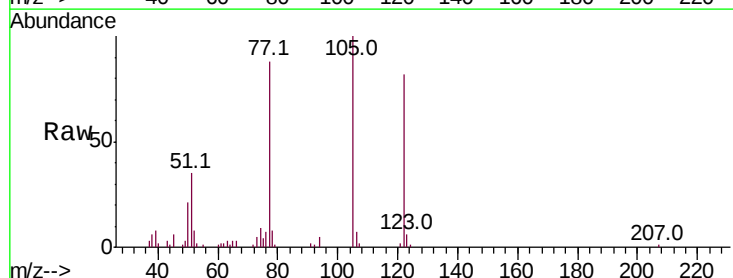


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

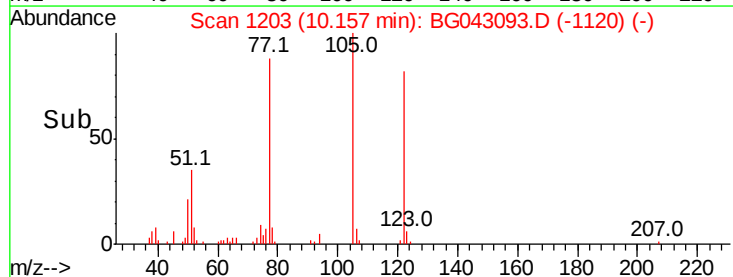
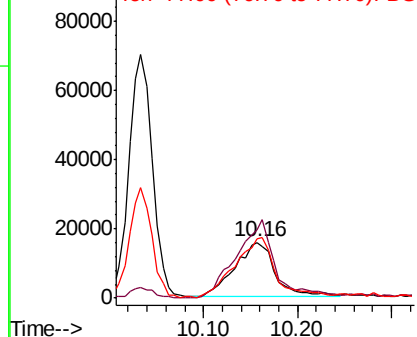


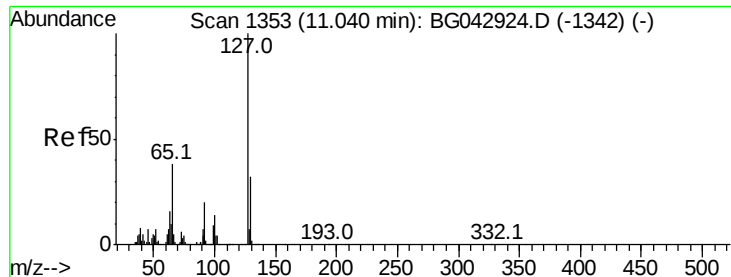
#32
Benzoic acid
Concen: 27.785 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion:122 Resp: 46535
Ion Ratio Lower Upper
122 100
105 122.2 107.5 147.5
77 107.6 79.8 119.8



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

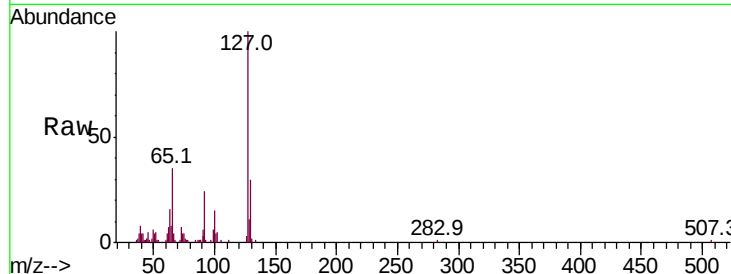




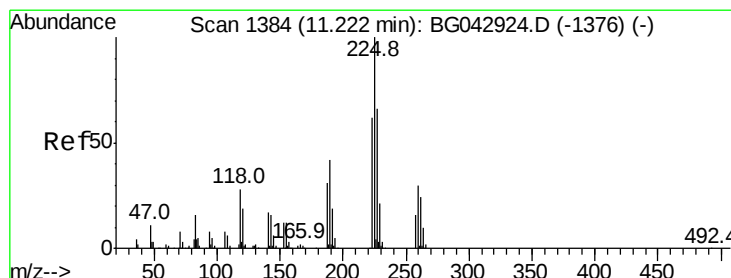
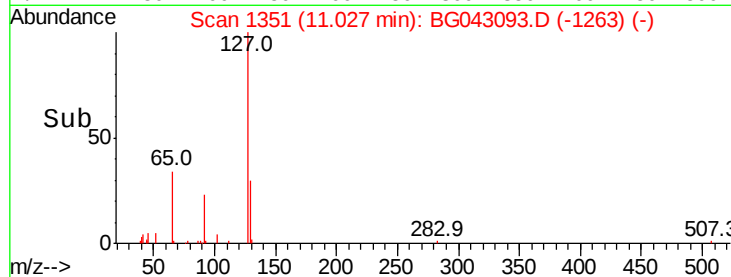
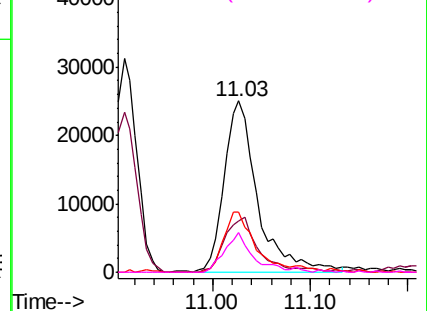
#33
4-Chloroaniline
Concen: 14.948 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	59830	
Ion Ratio	Lower	Upper	
127 100			
129 30.3	26.2	39.2	
65 35.2	30.6	45.8	
92 23.5	16.2	24.4	

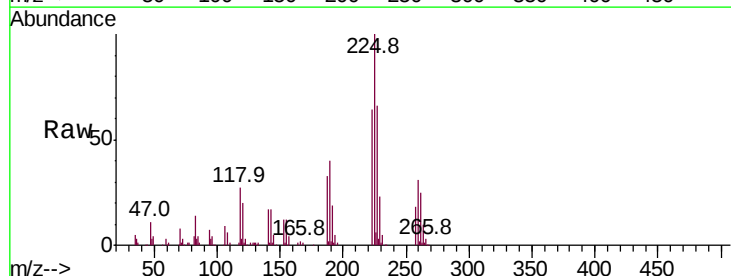


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

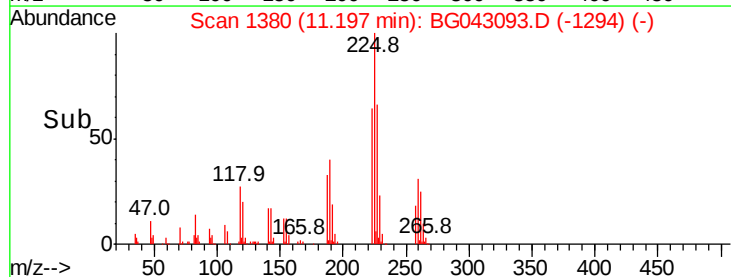
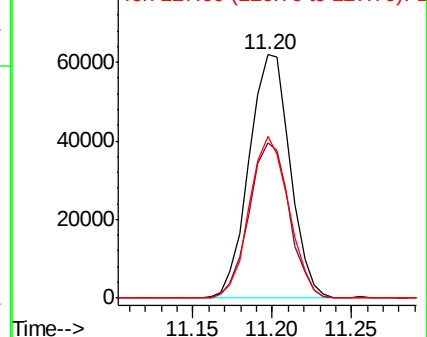


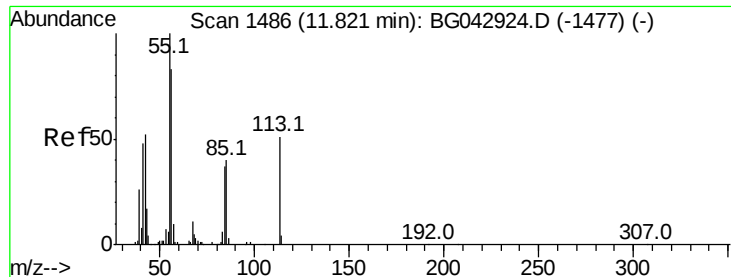
#34
Hexachlorobutadiene
Concen: 38.560 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt	Ion:225	Resp:	111478
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.3	73.9
227	66.3	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

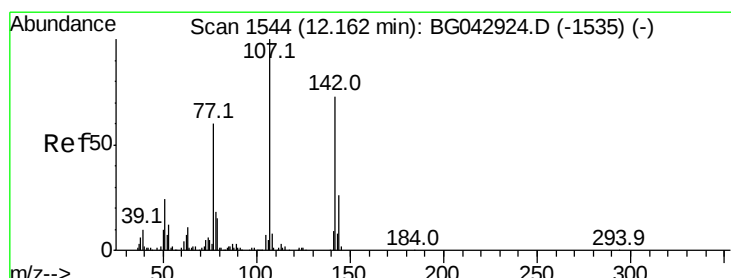
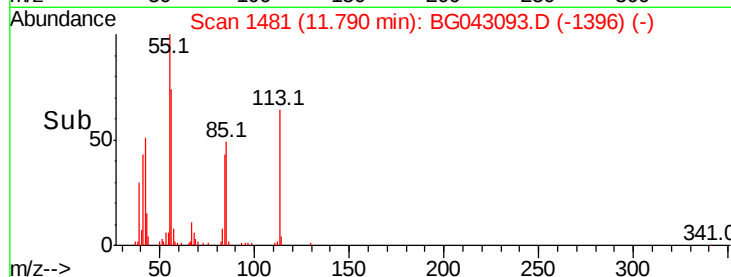
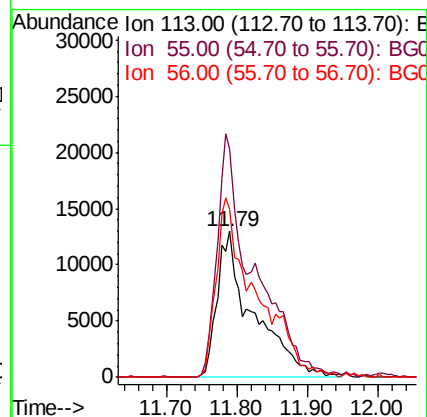
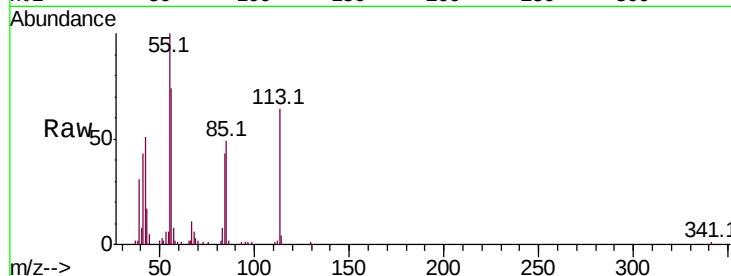




#35
 Caprolactam
 Concen: 43.595 ng
 RT: 11.79 min Scan# 1481
 Delta R.T. -0.03 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

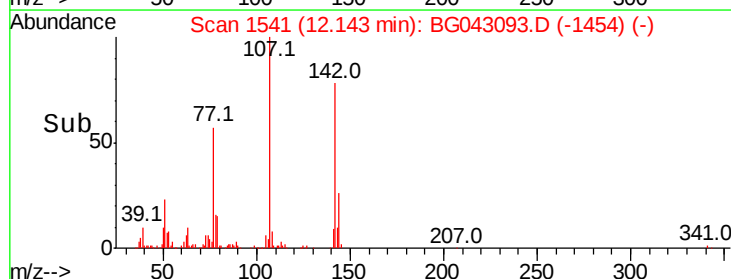
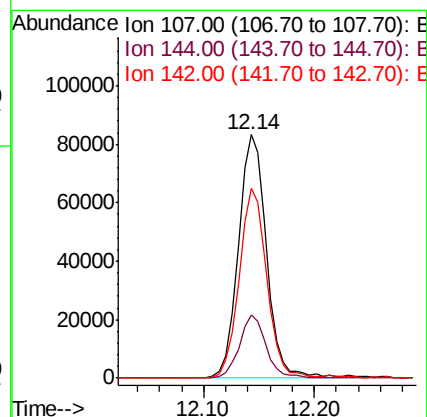
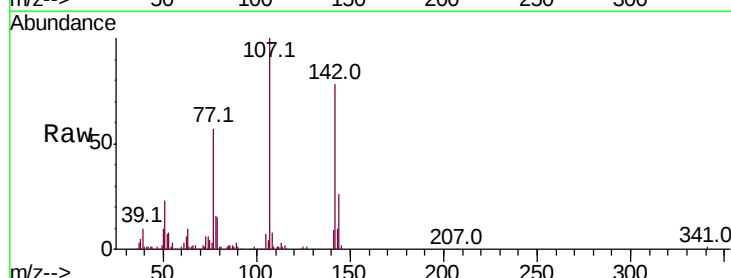
Instrument :
 BNA_G
 ClientSampleId :

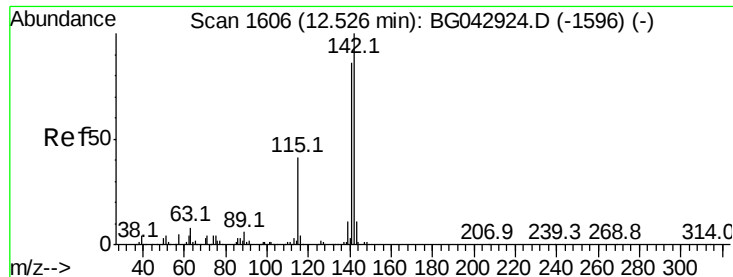
Tot Ion:113 Resp: 45966
 Ion Ratio Lower Upper
 113 100
 55 156.1 175.5 215.5#
 56 115.0 142.3 182.3#



#36
 4-Chloro-3-methylphenol
 Concen: 45.754 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. -0.02 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

Tgt Ion:107 Resp: 148741
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.7 31.1
 142 78.0 58.6 87.8

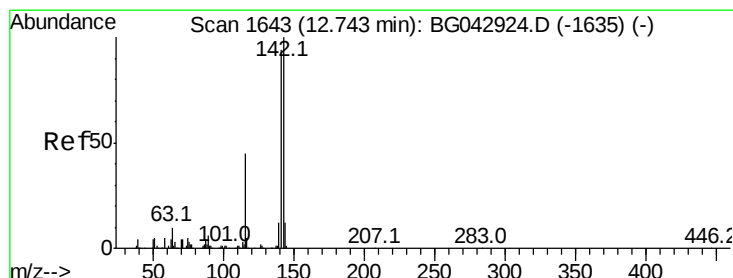
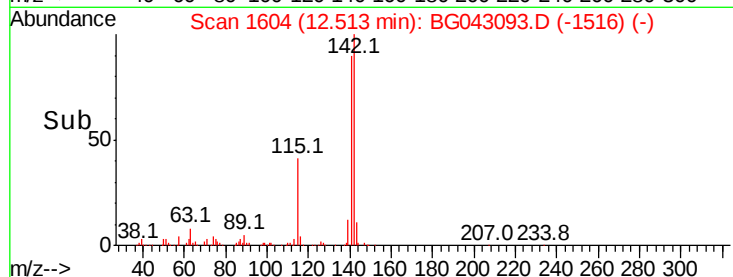
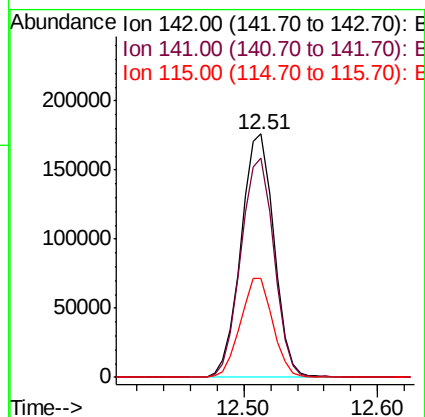
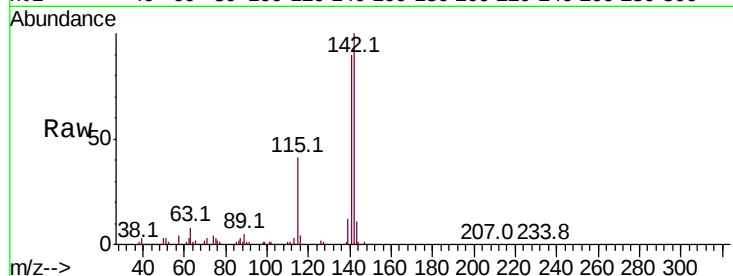




#37
 2-Methylnaphthalene
 Concen: 42.686 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

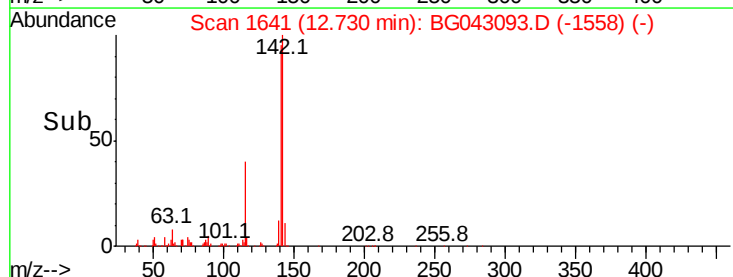
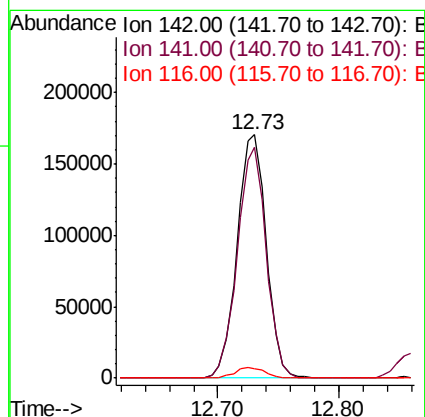
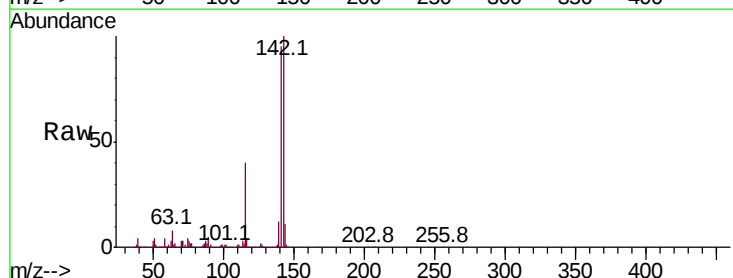
Instrument :
 BNA_G
 ClientSampleId :

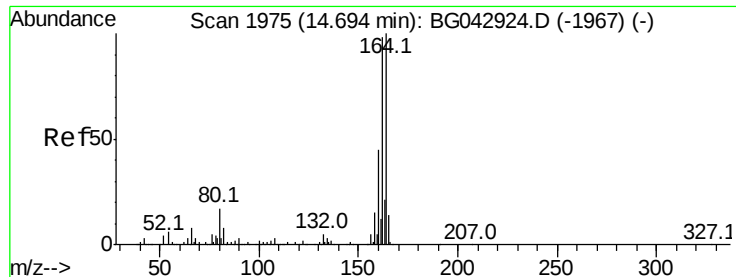
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	69.0	103.4
115	40.6	32.8	49.2



#38
 1-Methylnaphthalene
 Concen: 43.211 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	74.9	112.3
116	3.8	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

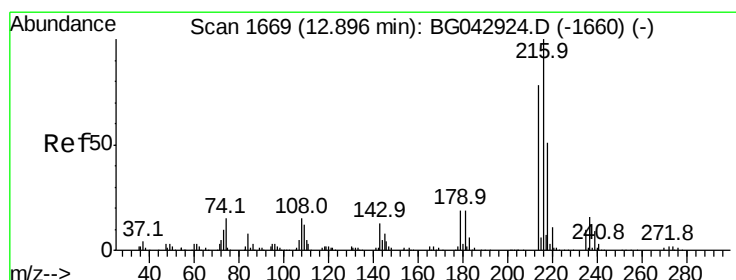
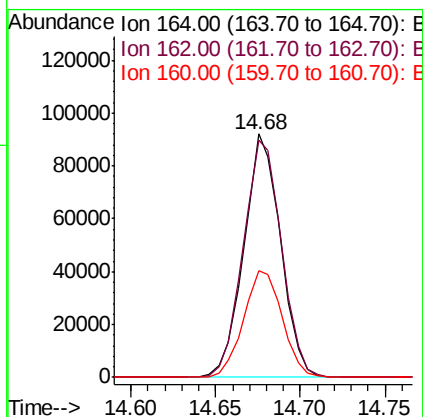
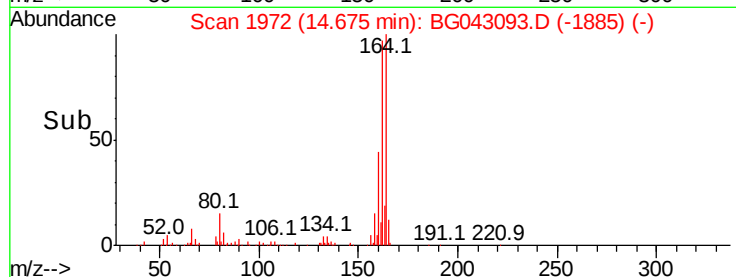
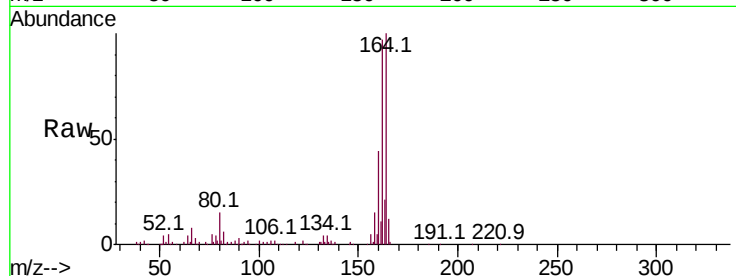
Tot Ion:164 Resp: 138816

Ion Ratio Lower Upper

164 100

162 97.2 78.5 117.7

160 43.9 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.092 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Tgt Ion:216 Resp: 193599

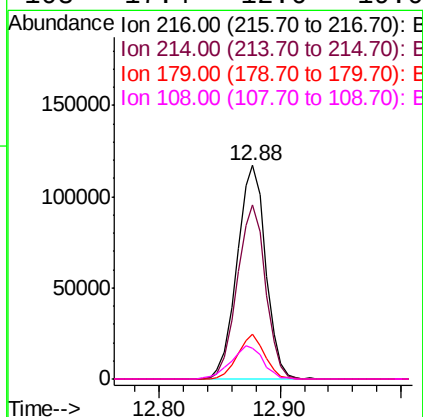
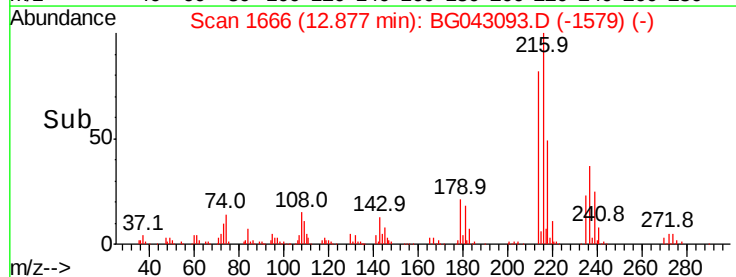
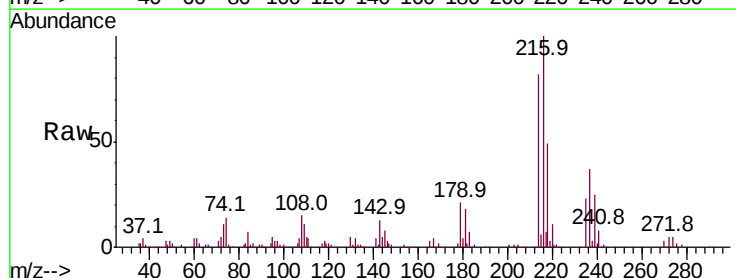
Ion Ratio Lower Upper

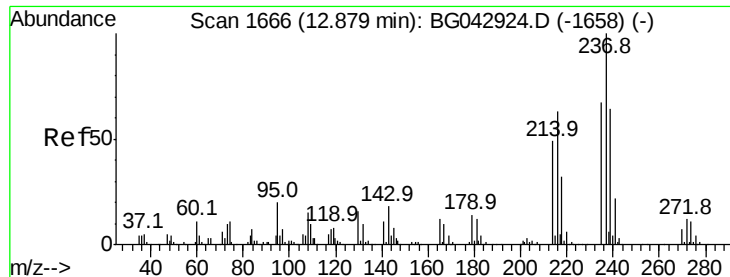
216 100

214 80.9 62.4 93.6

179 19.6 15.4 23.2

108 17.4 12.6 19.0

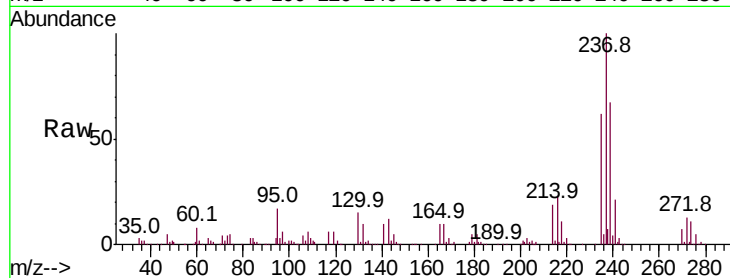




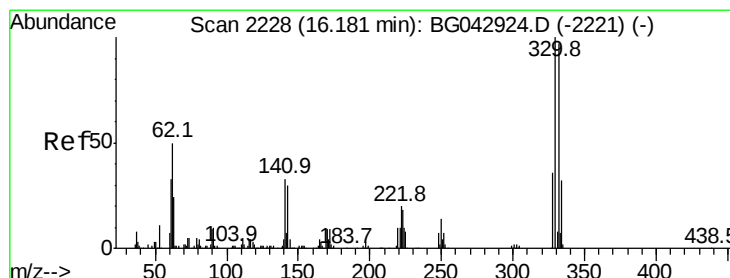
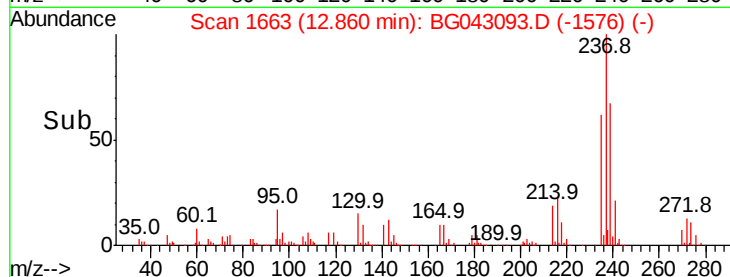
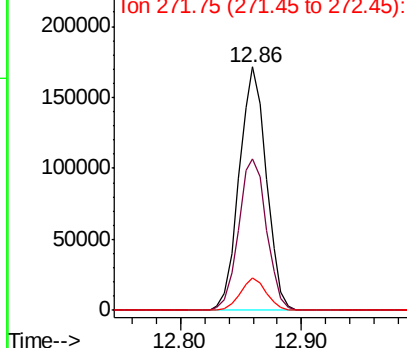
#41
Hexachlorocyclopentadiene
Concen: 80.636 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 268158
Ion Ratio Lower Upper
237 100
235 62.3 46.7 86.7
272 13.3 0.0 32.3

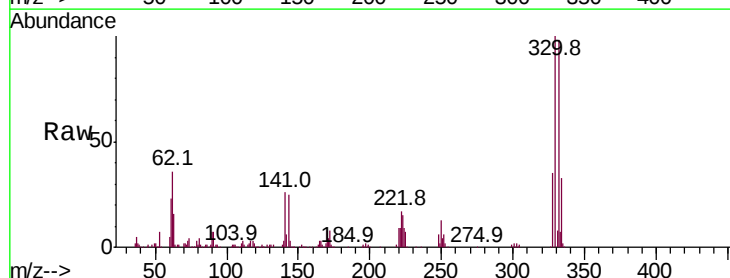


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

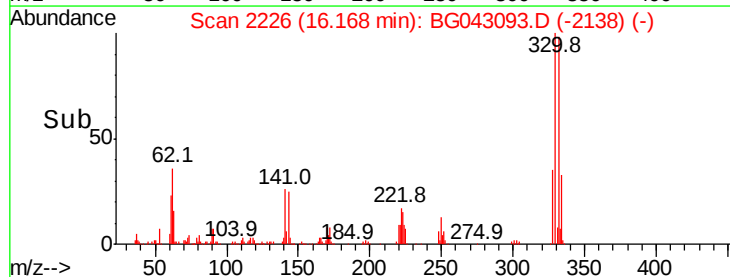
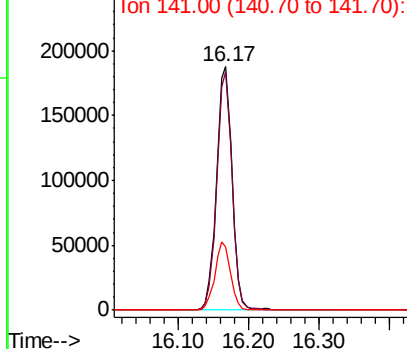


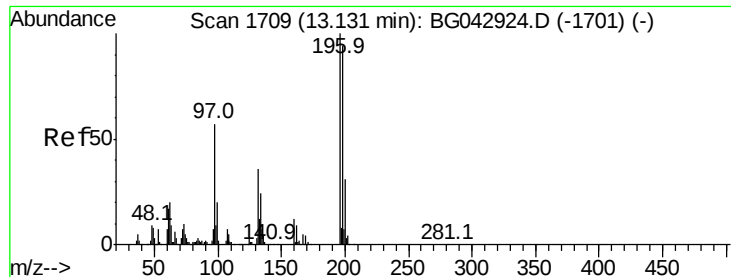
#42
2,4,6-Tribromophenol
Concen: 119.993 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion:330 Resp: 286426
Ion Ratio Lower Upper
330 100
332 96.0 78.2 117.2
141 28.1 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: 43.327 ng

RT: 13.12 min Scan# 1707

Delta R.T. -0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

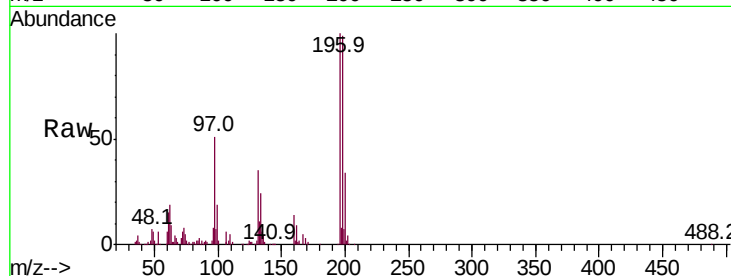
Tot Ion:196 Resp: 132360

Ion Ratio Lower Upper

196 100

198 99.0 75.5 113.3

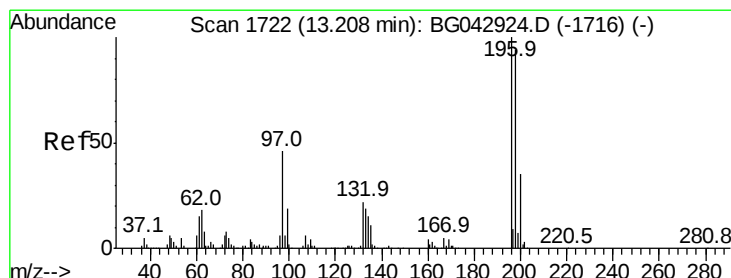
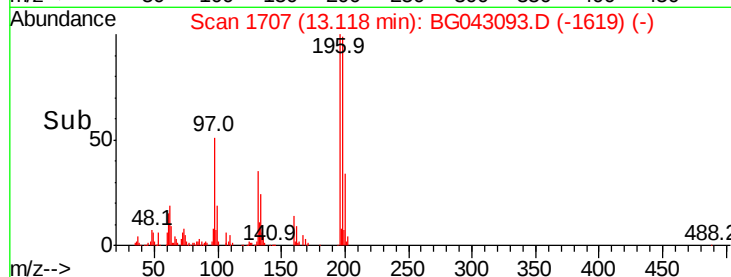
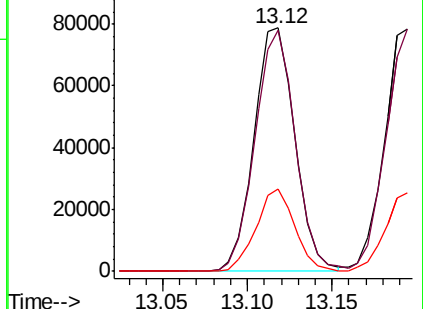
200 33.8 24.9 37.3



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 45.117 ng

RT: 13.19 min Scan# 1720

Delta R.T. -0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Tgt Ion:196 Resp: 141985

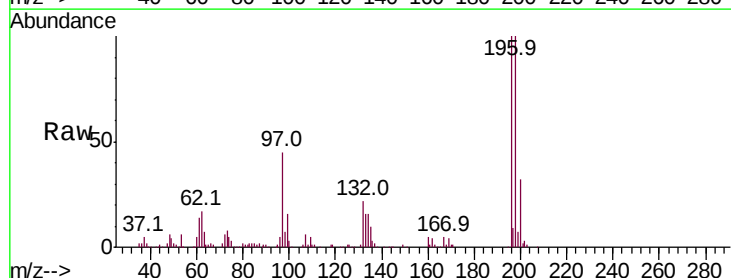
Ion Ratio Lower Upper

196 100

198 100.1 75.1 112.7

97 45.1 37.0 55.4

132 21.9 17.5 26.3

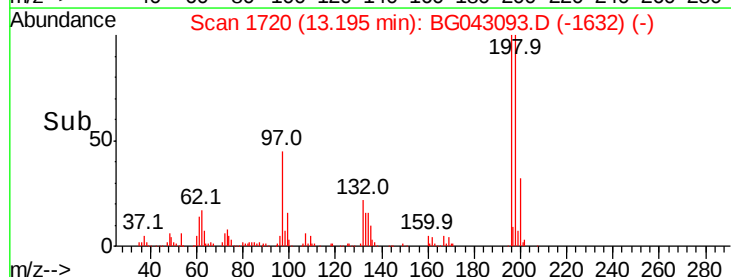
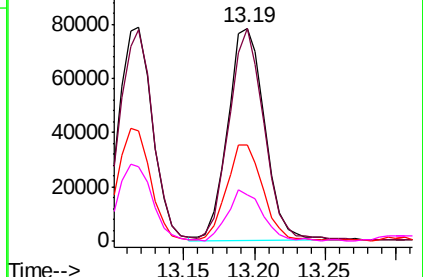


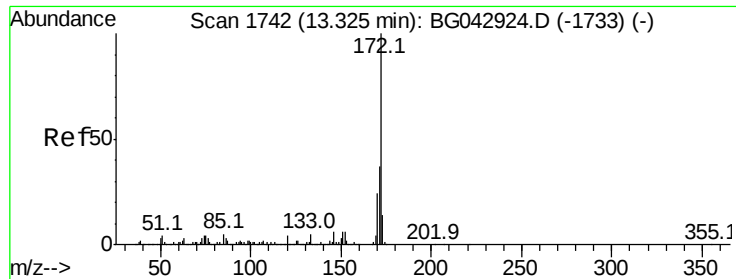
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

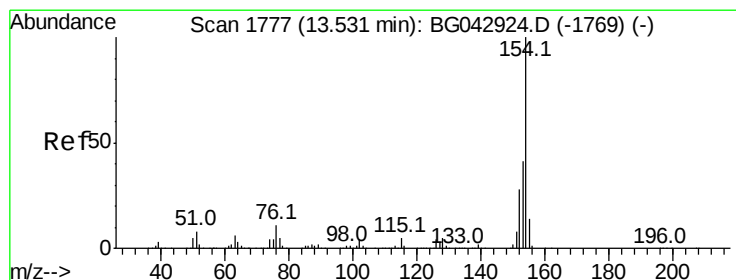
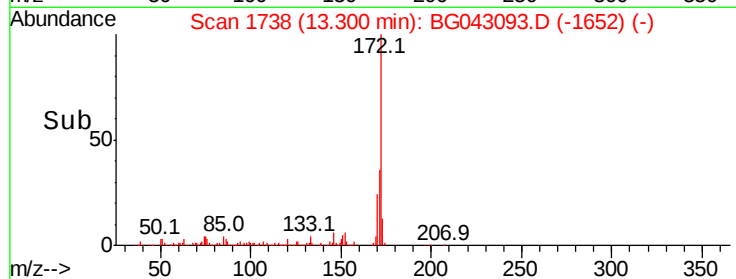
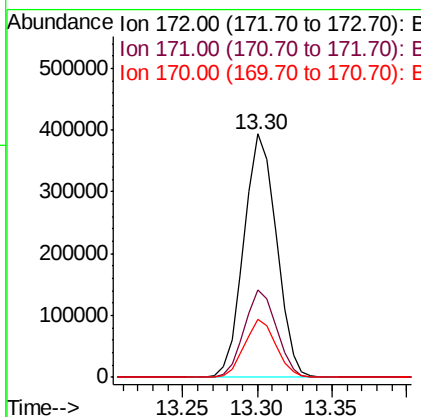
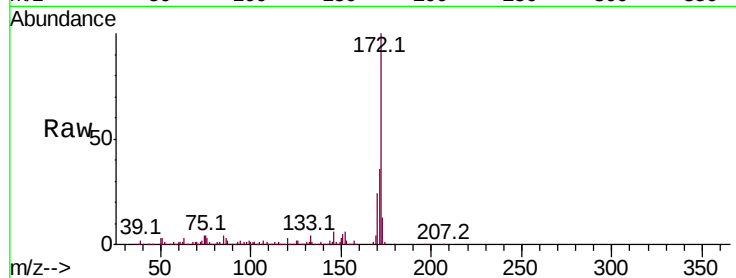




#45
2-Fluorobiphenyl
Concen: 62.313 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

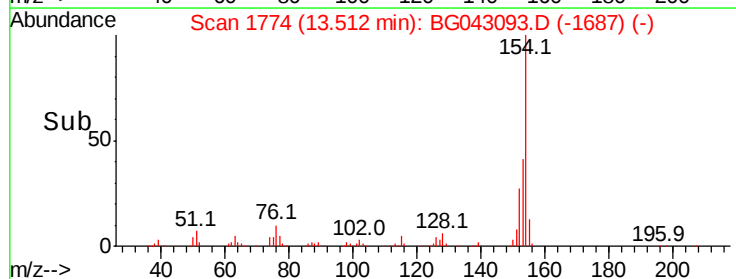
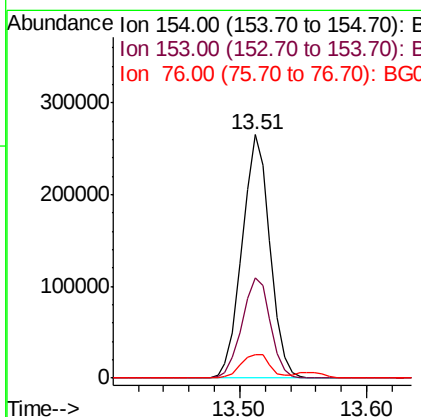
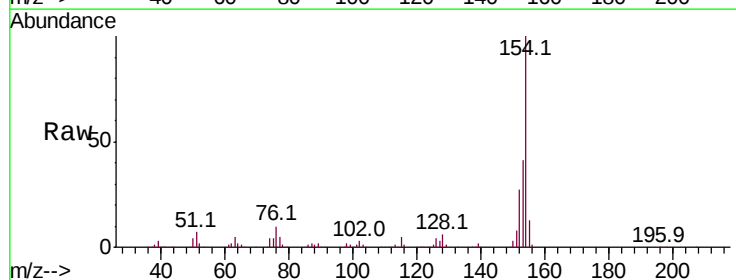
Instrument :
BNA_G
ClientSampled :

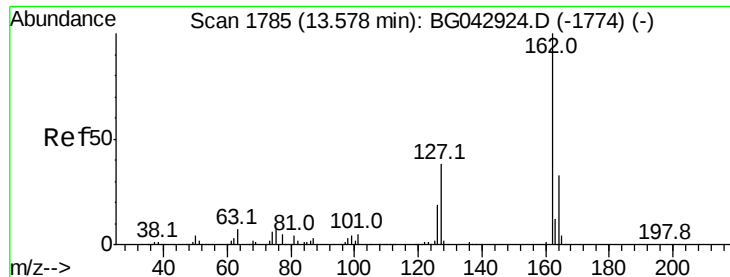
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.6	19.6	29.4



#46
1,1'-Biphenyl
Concen: 38.401 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.4	61.4
76	9.8	0.0	31.3

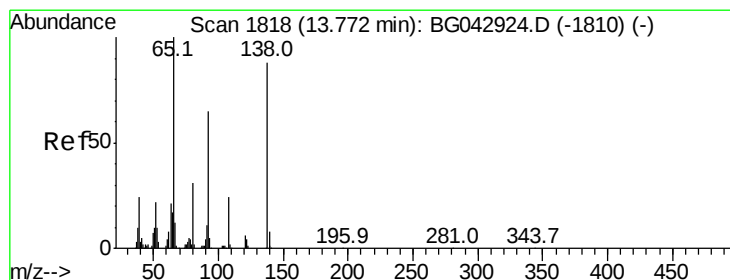
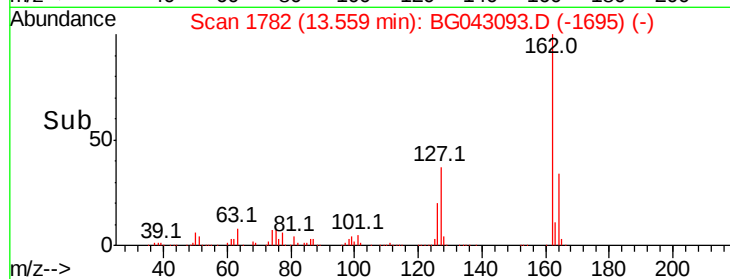
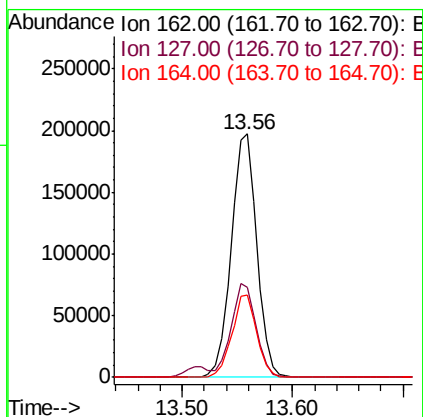
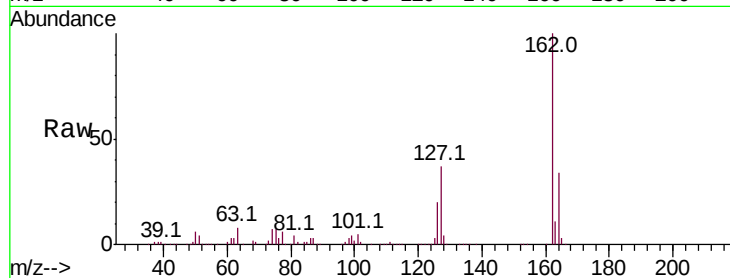




#47
2-Chloronaphthalene
Concen: 40.504 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

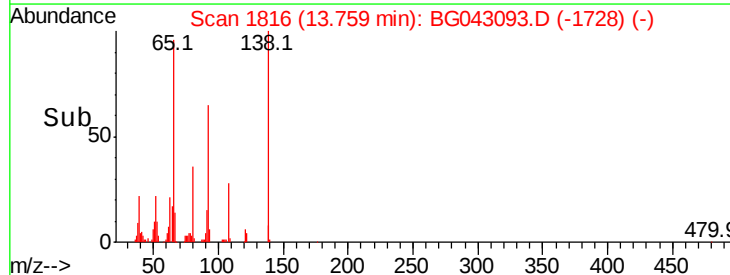
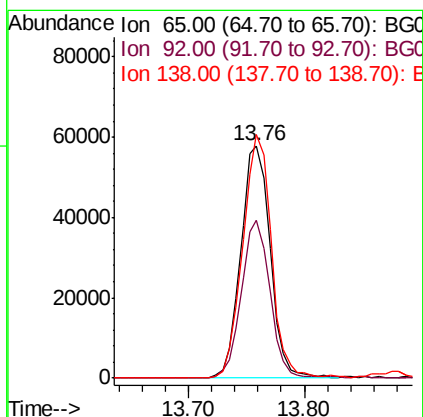
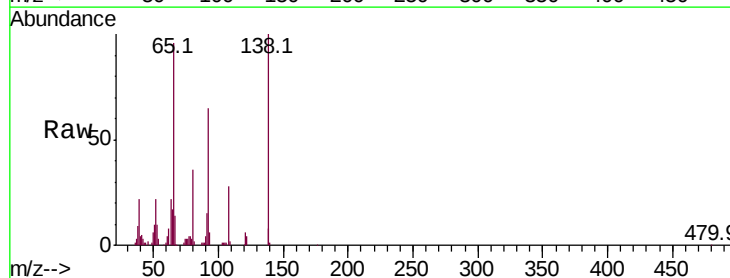
Instrument :
BNA_G
ClientSampleId :

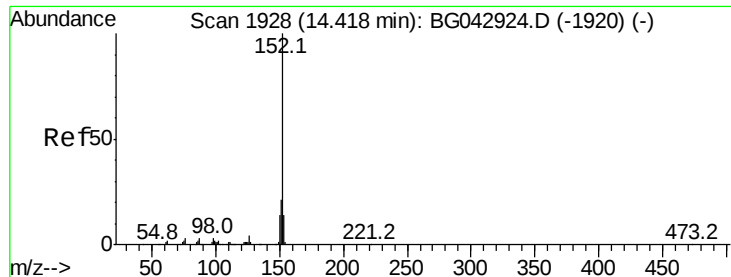
Tot Ion:162 Resp: 319679
Ion Ratio Lower Upper
162 100
127 37.0 31.0 46.6
164 33.6 26.2 39.2



#48
2-Nitroaniline
Concen: 39.017 ng
RT: 13.76 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion: 65 Resp: 102407
Ion Ratio Lower Upper
65 100
92 67.9 52.0 78.0
138 104.6 70.4 105.6





#49

Acenaphthylene

Concen: 42.557 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

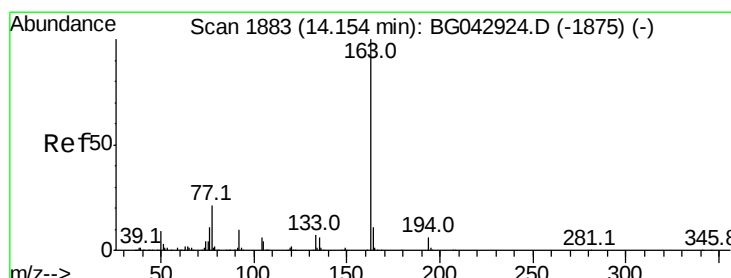
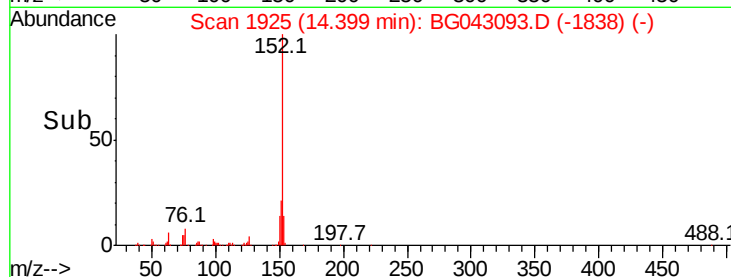
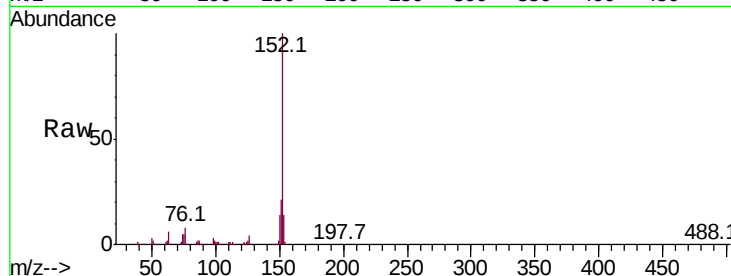
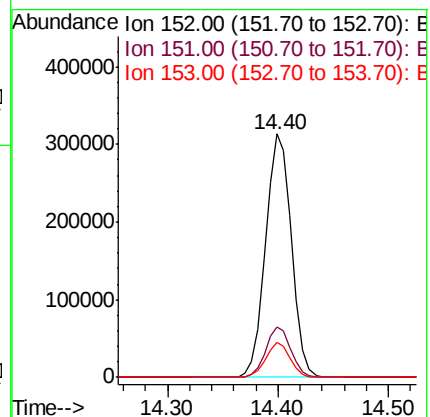
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 513953

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	14.3	11.3	16.9



#50

Dimethylphthalate

Concen: 40.552 ng

RT: 14.13 min Scan# 1879

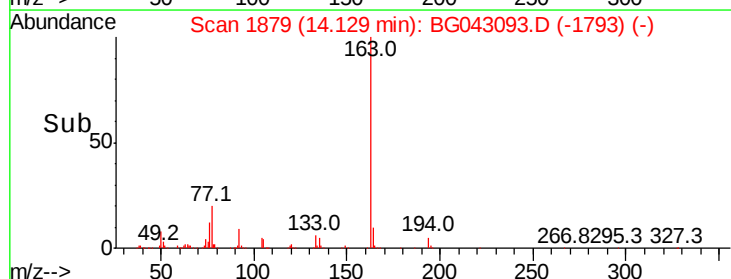
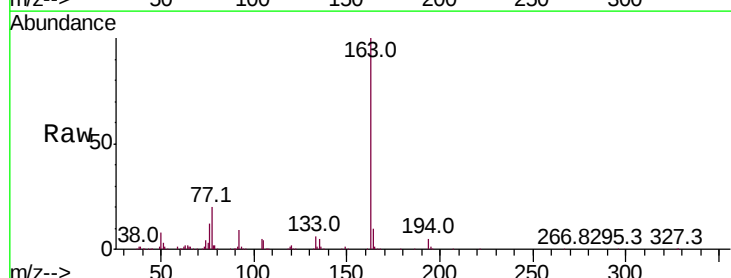
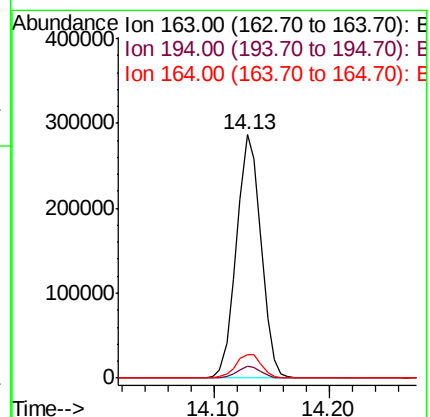
Delta R.T. -0.02 min

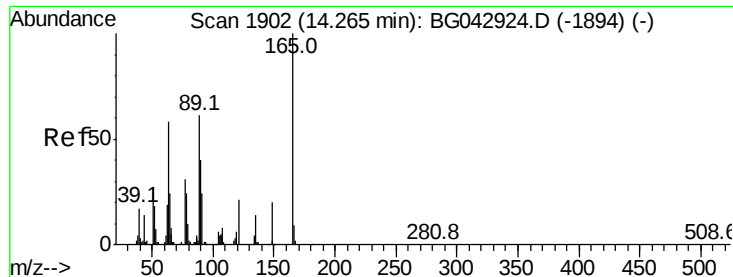
Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Tgt Ion:163 Resp: 421785

Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.4	6.6
164	9.9	8.6	12.8

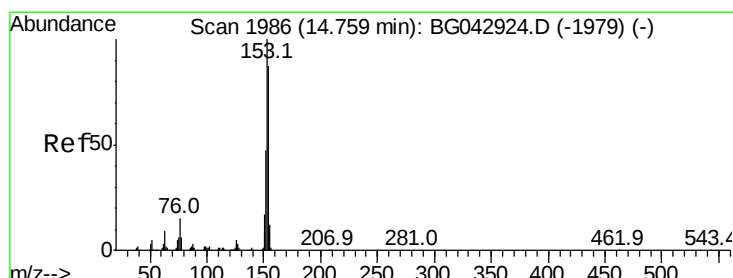
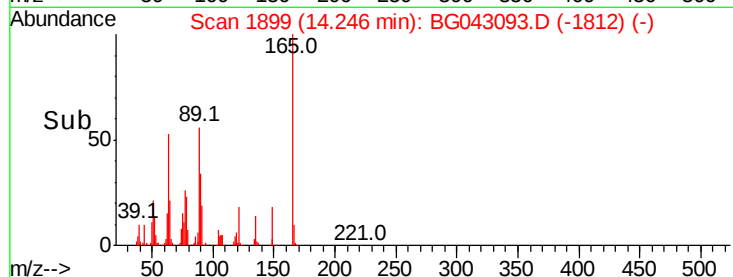
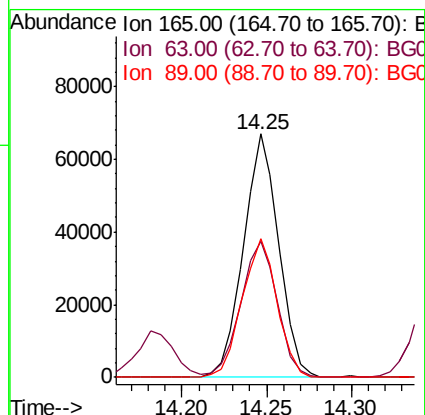
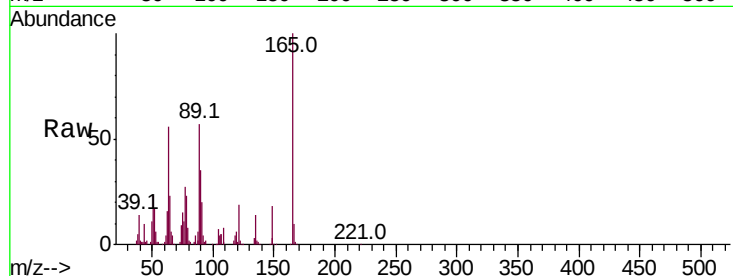




#51
2,6-Dinitrotoluene
Concen: 43.839 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

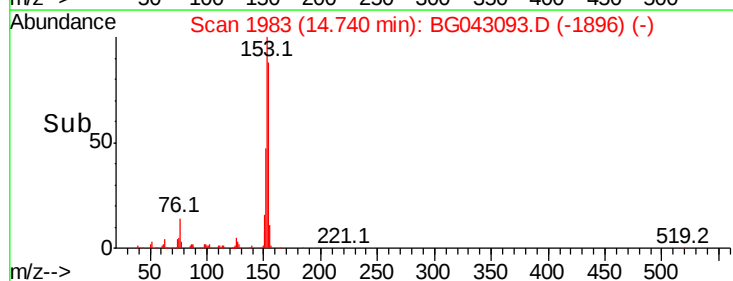
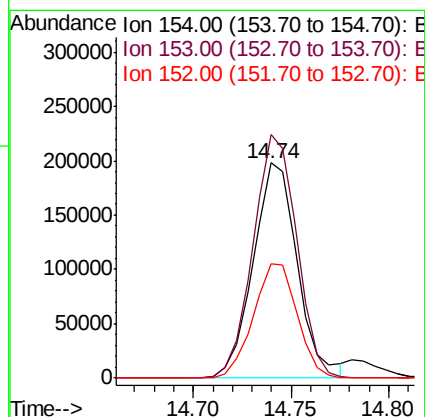
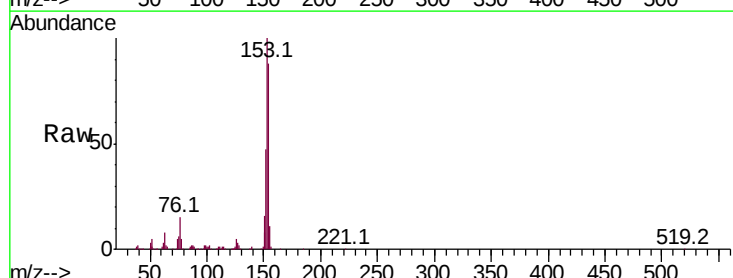
Instrument :
BNA_G
ClientSampled :

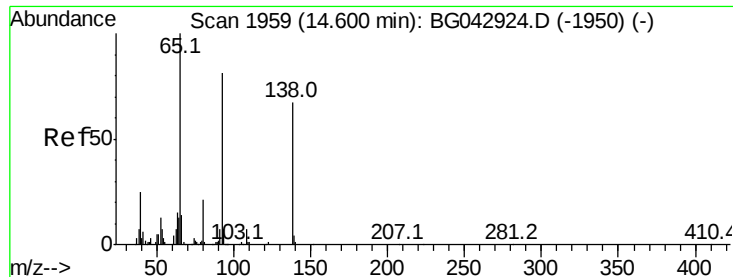
Tot Ion:165 Resp: 97101
Ion Ratio Lower Upper
165 100
63 56.0 50.3 75.5
89 56.7 48.9 73.3



#52
Acenaphthene
Concen: 38.444 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion:154 Resp: 310771
Ion Ratio Lower Upper
154 100
153 113.1 91.4 137.0
152 53.3 42.8 64.2

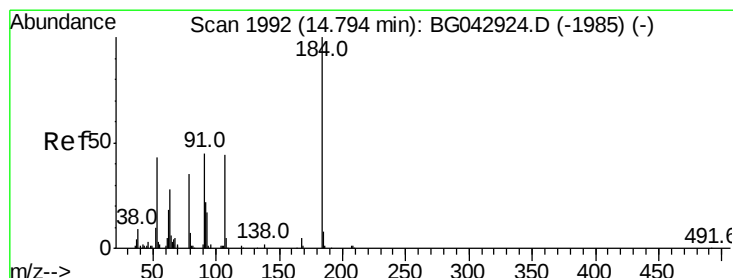
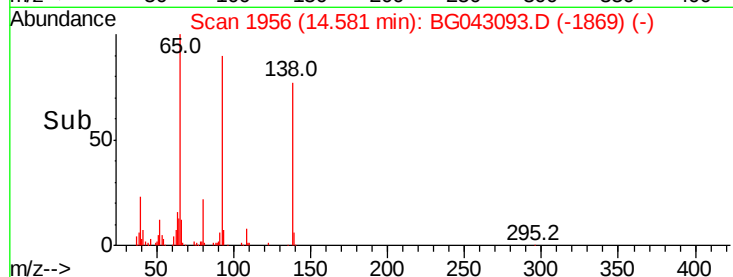
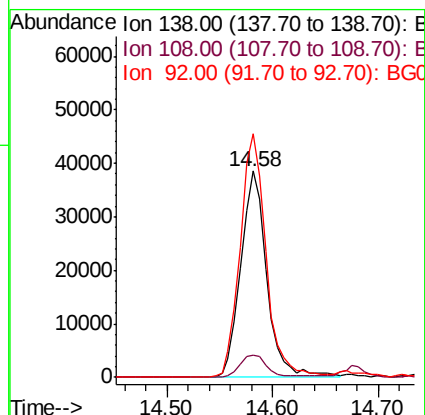
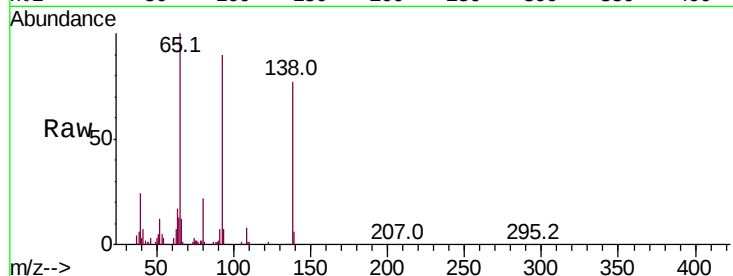




#53
 3-Nitroaniline
 Concen: 28.700 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.02 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

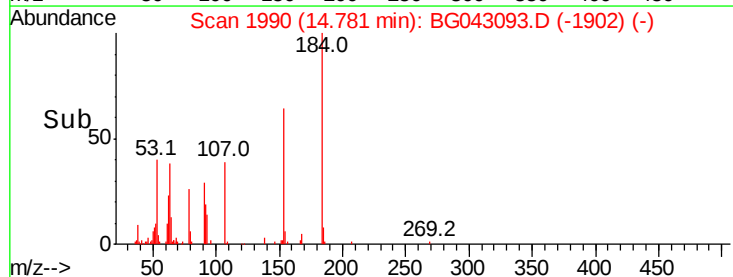
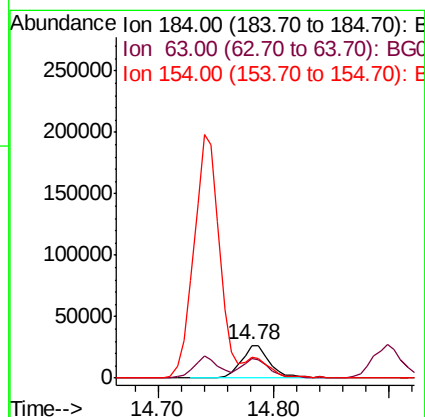
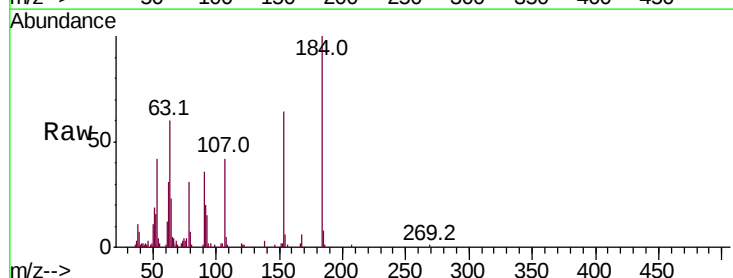
Instrument :
 BNA_G
 ClientSampleId :

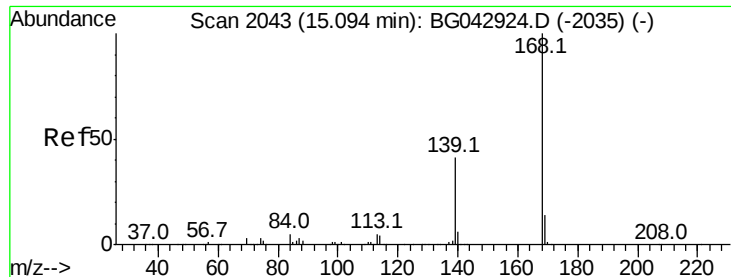
Tot Ion:138 Resp: 65695
 Ion Ratio Lower Upper
 138 100
 108 10.7 7.9 11.9
 92 118.0 97.0 145.6



#54
 2,4-Dinitrophenol
 Concen: 33.719 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

Tgt Ion:184 Resp: 46423
 Ion Ratio Lower Upper
 184 100
 63 60.1 55.0 82.6
 154 64.0 56.5 84.7

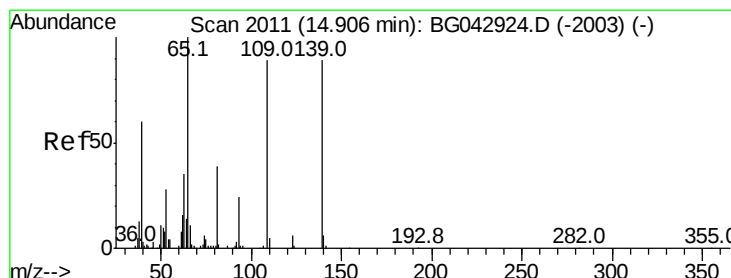
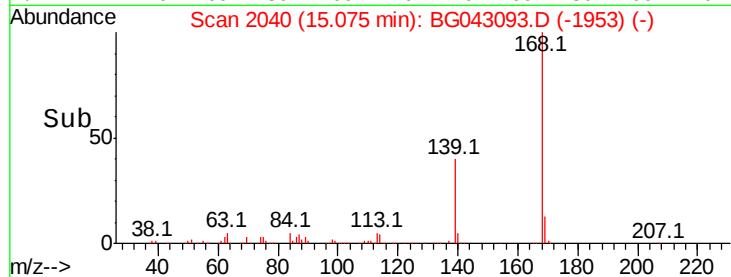
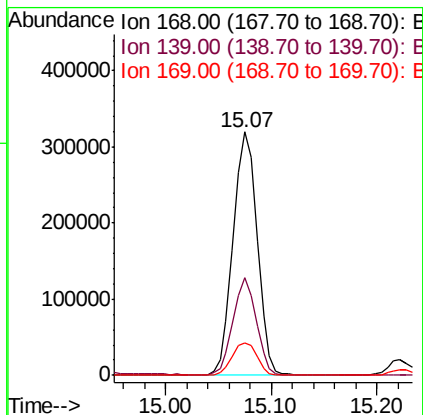
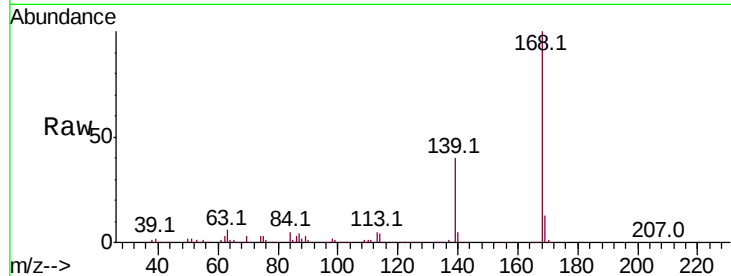




#55
Dibenzofuran
Concen: 42.094 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

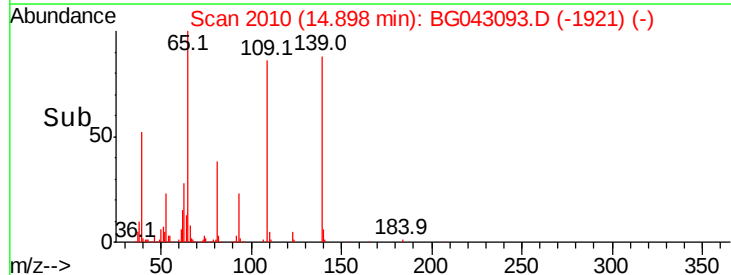
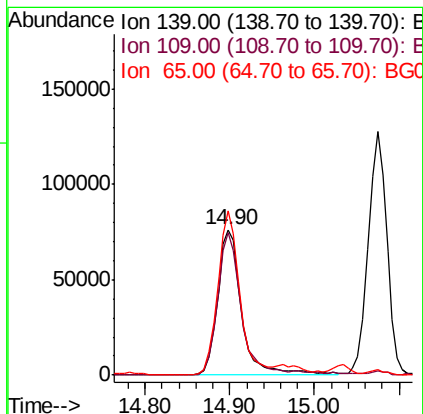
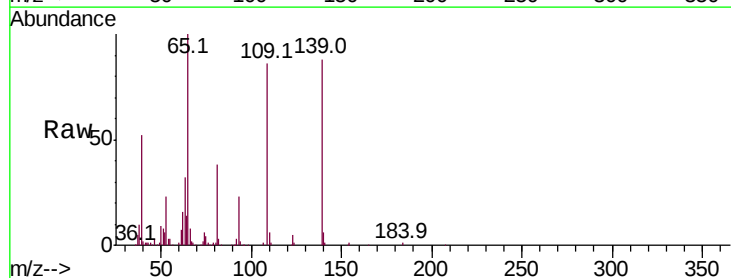
Instrument :
BNA_G
ClientSampleId :

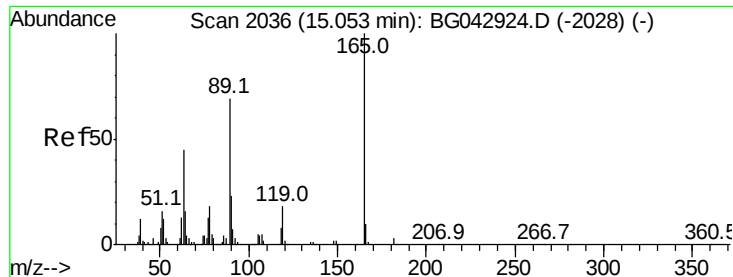
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	32.6	48.8
169	13.2	11.2	16.8



#56
4-Nitrophenol
Concen: 87.042 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.6	79.4	119.4
65	113.2	92.5	132.5

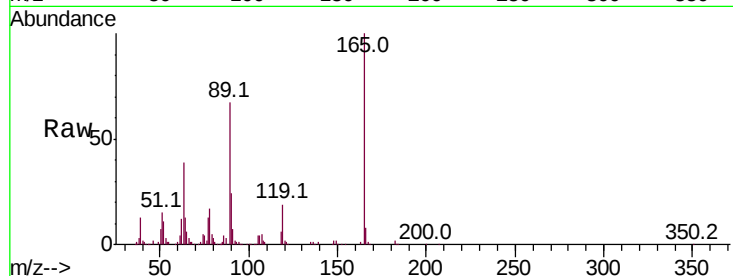




#57
2,4-Dinitrotoluene
Concen: 42.275 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.3	36.5	54.7
89	67.1	55.5	83.3
182	2.5	2.4	3.6

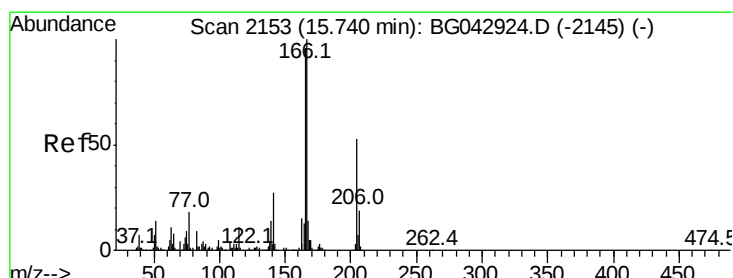
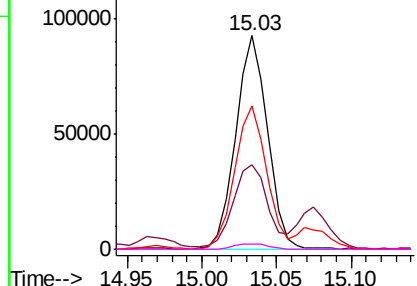
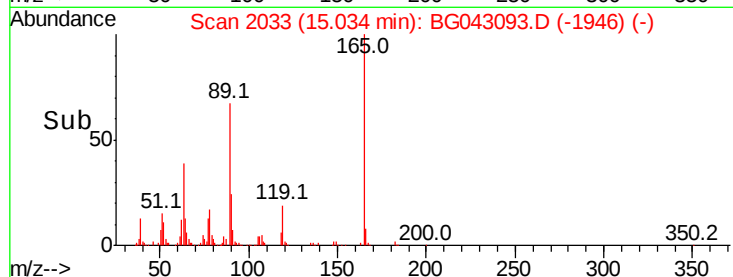


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

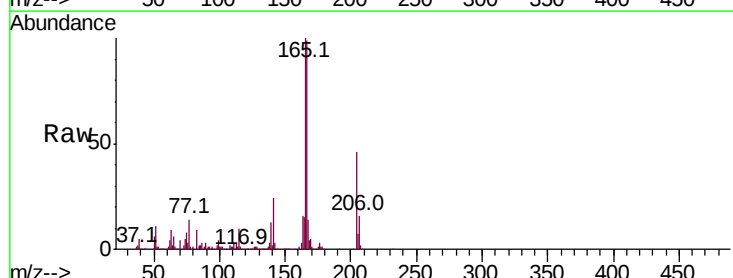
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.849 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

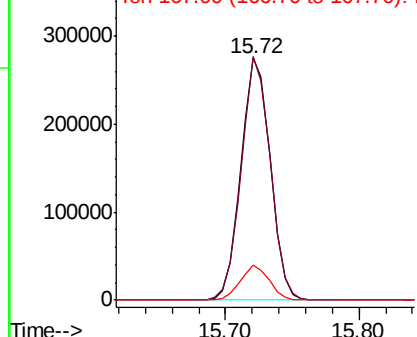
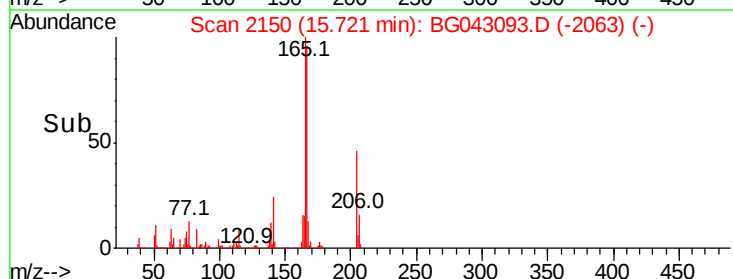
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	77.1	115.7
167	14.4	11.0	16.6

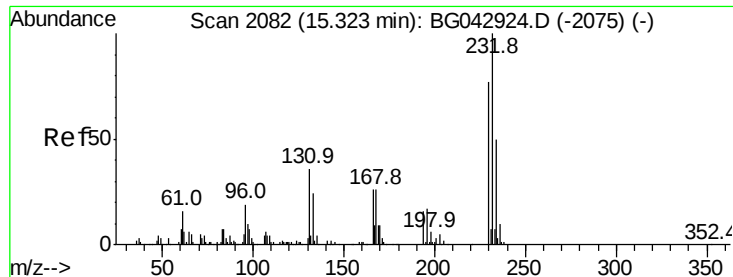


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

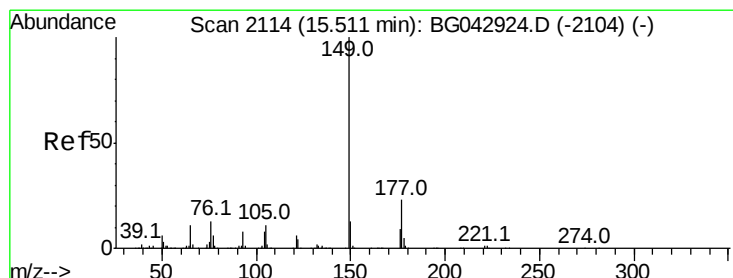
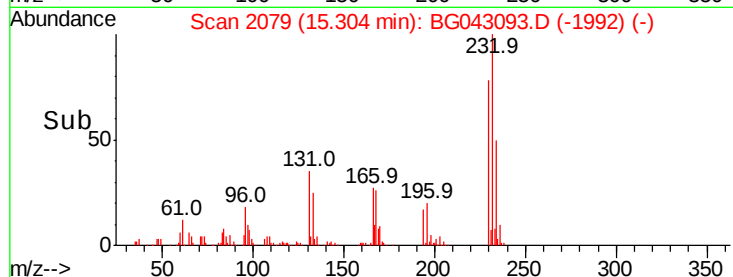
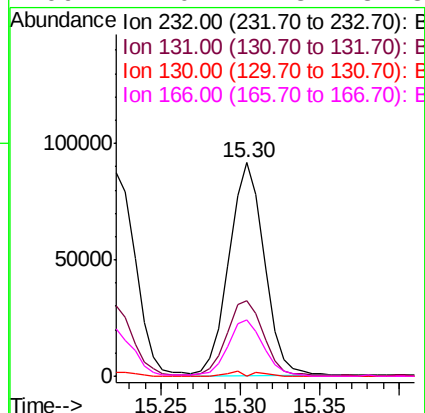
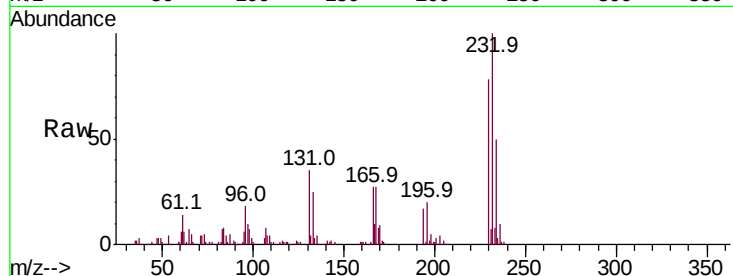




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.074 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

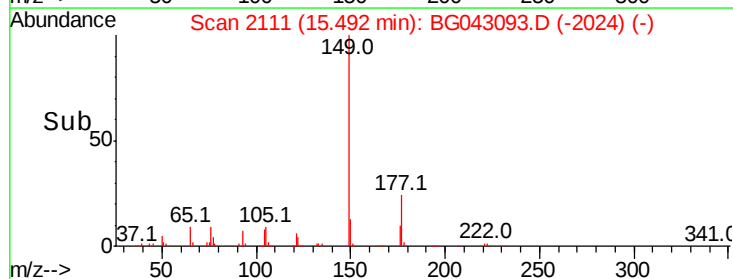
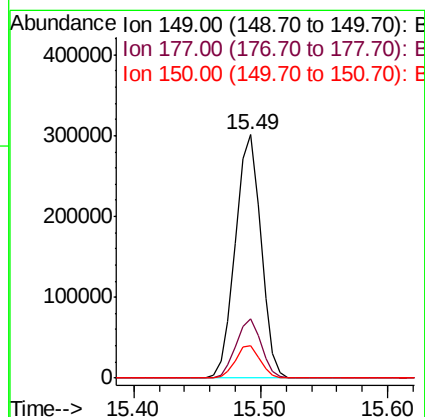
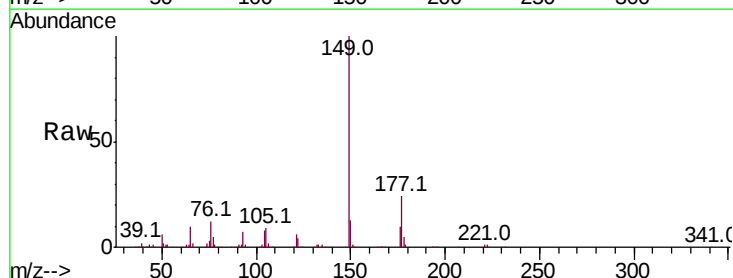
Instrument :
 BNA_G
 ClientSampleId :

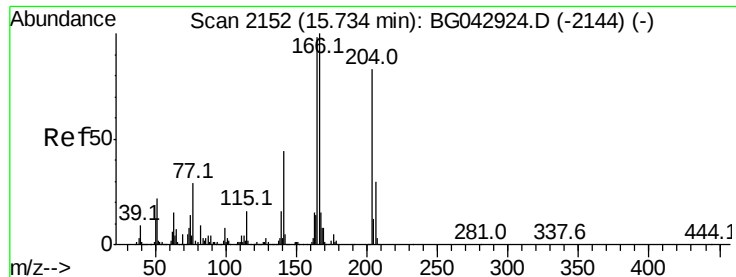
Tot Ion:	232	Resp:	140982
Ion	Ratio	Lower	Upper
232	100		
131	37.2	29.6	44.4
130	1.0	1.9	2.9#
166	27.0	21.8	32.8



#60
 Diethylphthalate
 Concen: 39.583 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.02 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

Tgt Ion:	149	Resp:	418989
Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.8	28.2
150	13.2	10.6	15.8

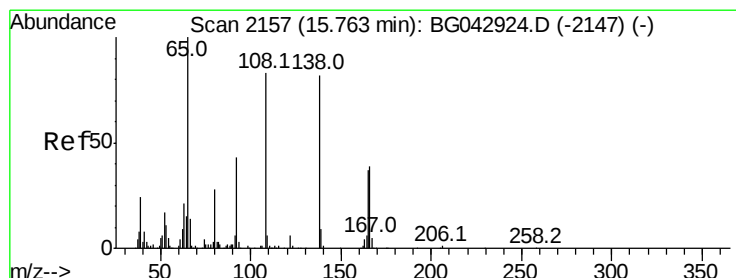
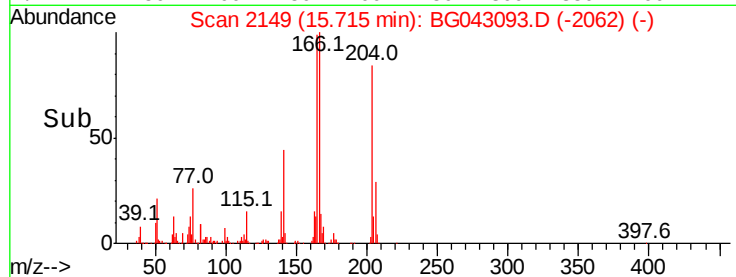
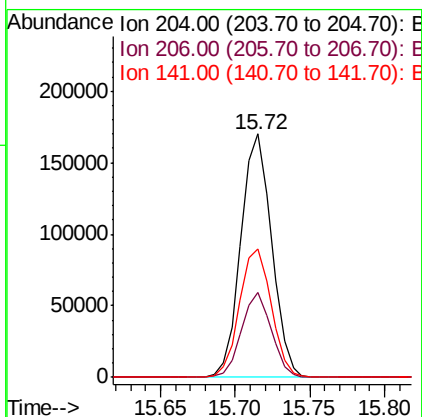
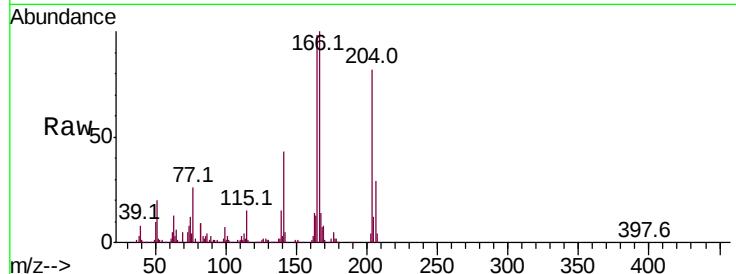




#61
4-Chlorophenyl-phenylether
Concen: 39.695 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

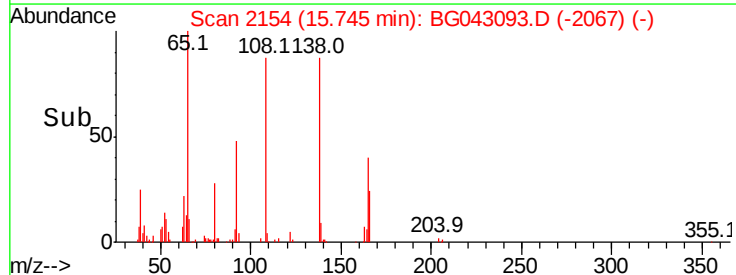
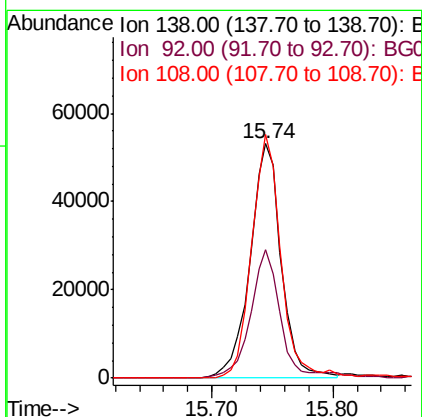
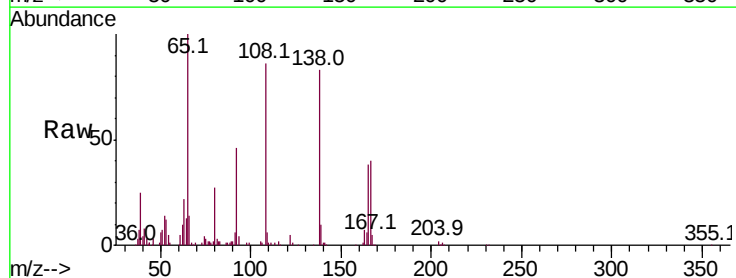
Instrument :
BNA_G
ClientSampled :

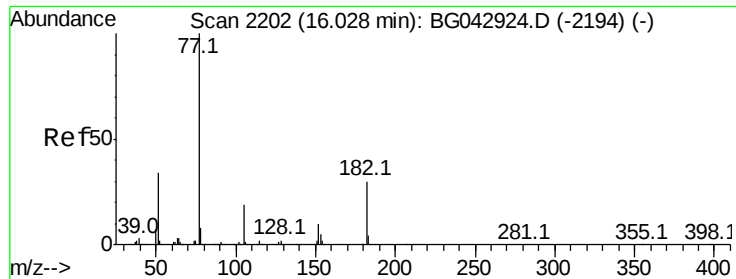
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	28.5	42.7
141	52.6	42.4	63.6



#62
4-Nitroaniline
Concen: 38.169 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.0	32.9	72.9
108	104.0	81.3	121.3

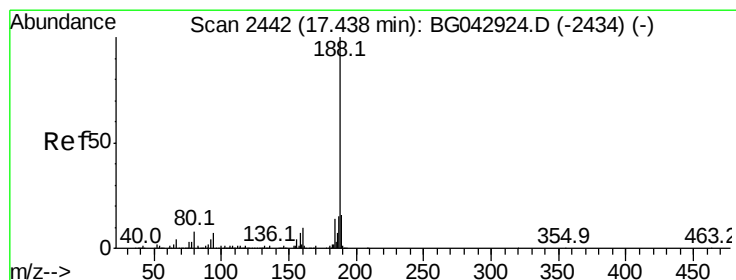
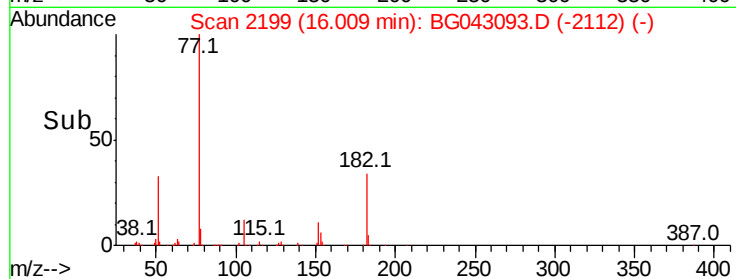
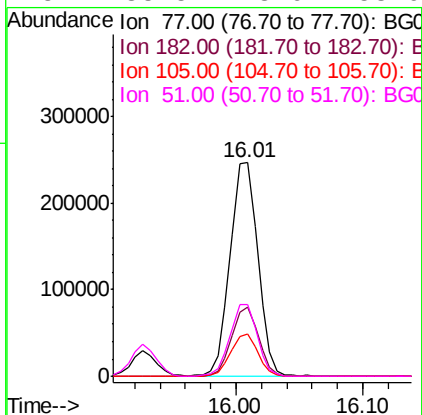
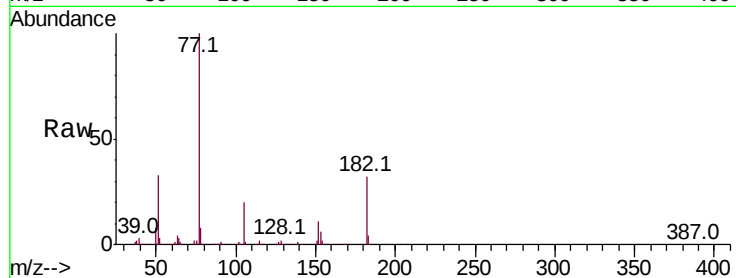




#63
Azobenzene
Concen: 39.014 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

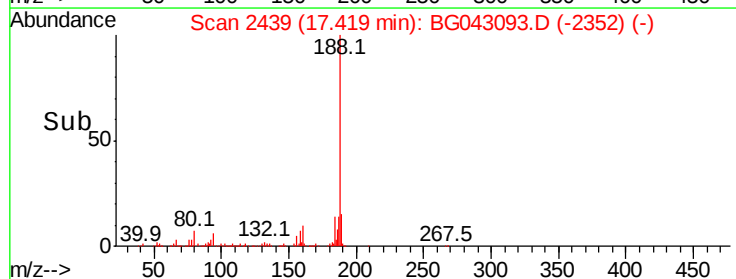
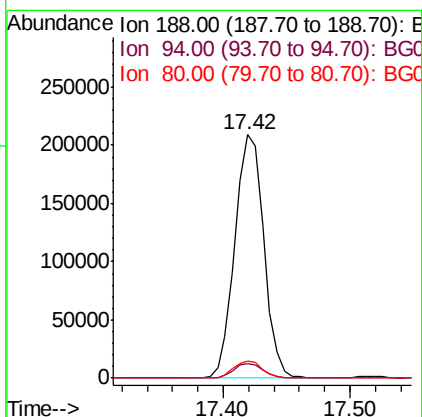
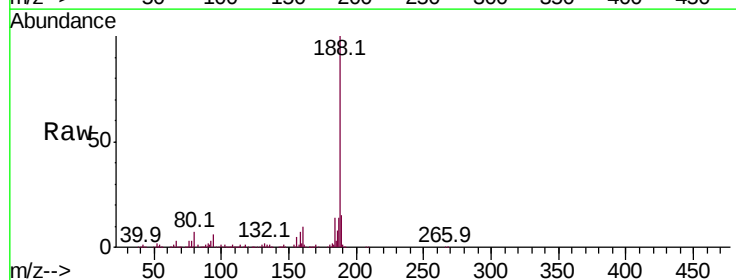
Instrument :
BNA_G
ClientSampleId :

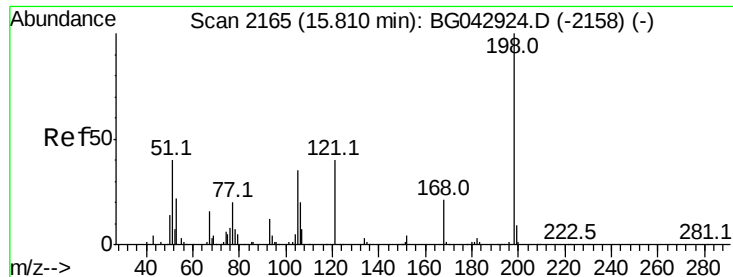
Tot Ion:	77	Resp:	375979
Ion	Ratio	Lower	Upper
77	100		
182	32.5	10.2	50.2
105	20.1	0.0	39.1
51	33.5	13.9	53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion:	188	Resp:	330237
Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.7	8.5
80	6.9	6.5	9.7





#65

4,6-Dinitro-2-methylphenol

Concen: 28.401 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

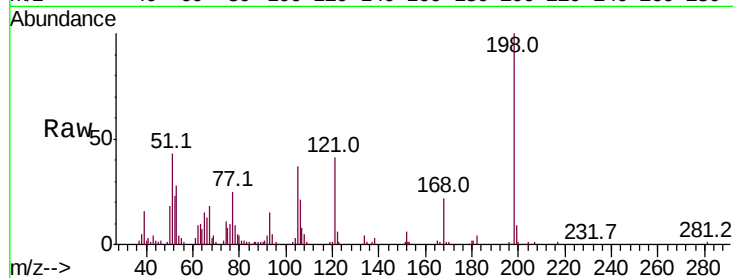
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 53073

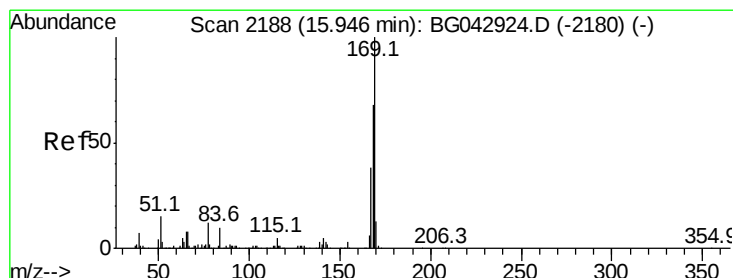
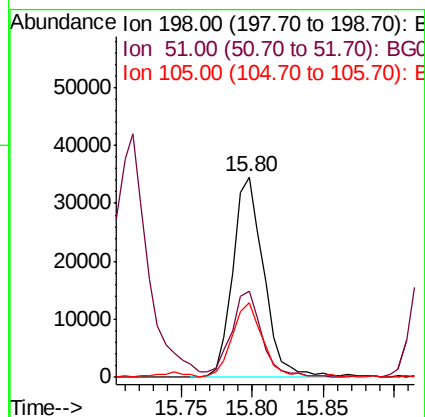
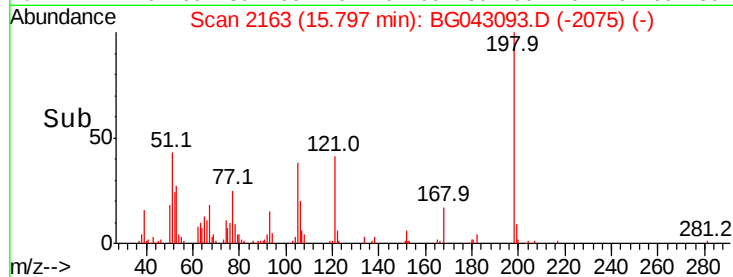
Ion	Ratio	Lower	Upper
198	100		
51	43.2	25.3	65.3
105	37.3	16.6	56.6



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: 43.686 ng

RT: 15.93 min Scan# 2185

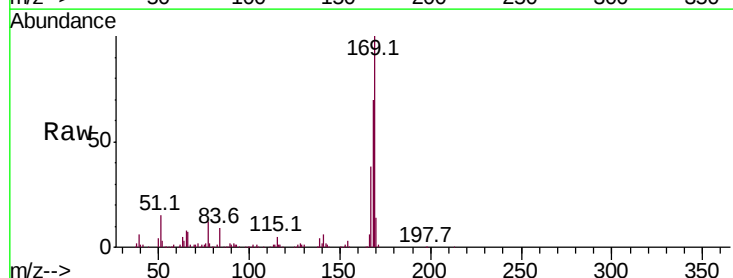
Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Tgt Ion:169 Resp: 380846

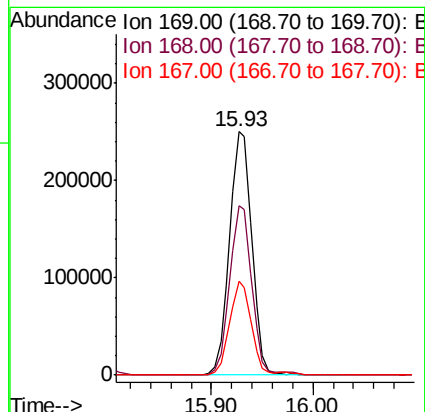
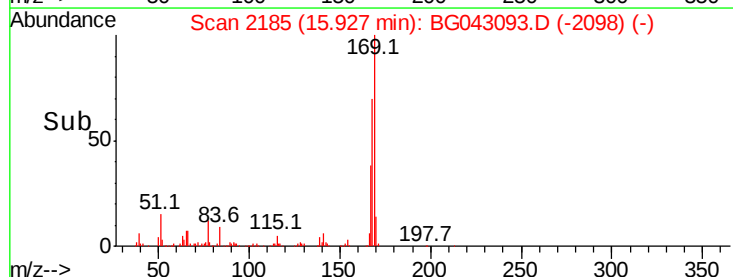
Ion	Ratio	Lower	Upper
169	100		
168	69.6	54.8	82.2
167	38.4	30.6	46.0

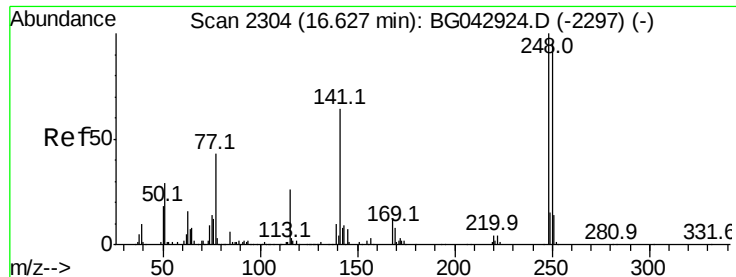


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

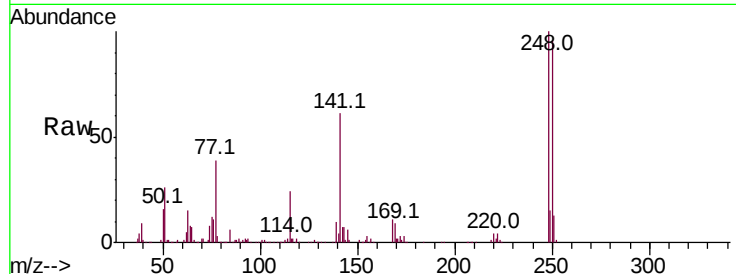




#67
4-Bromophenyl-phenylether
Concen: 41.175 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	75.8	113.8
141	61.0	51.1	76.7

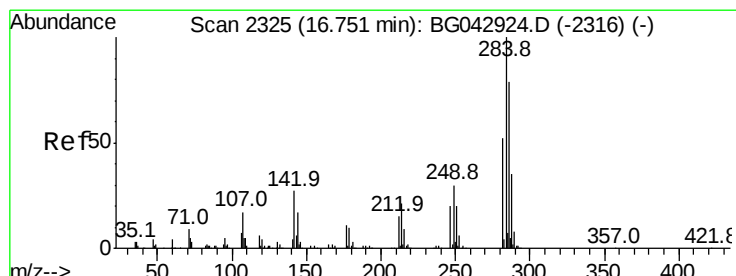
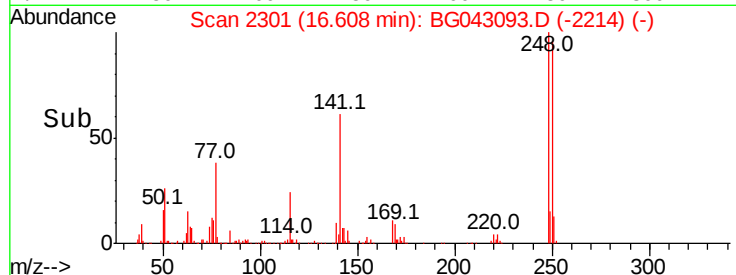
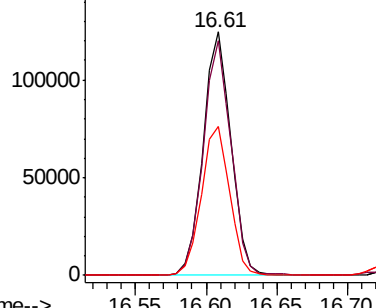


Abundance

Ion 248.00 (247.70 to 248.70): E

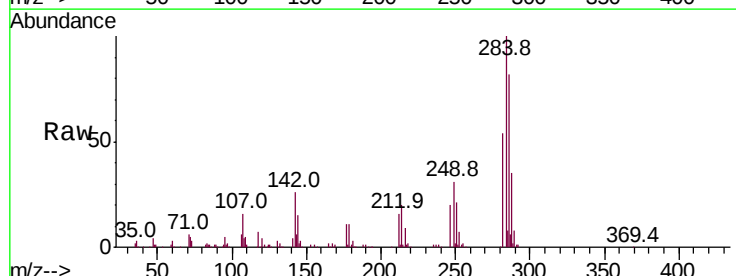
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.053 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.9	21.6	32.4
249	30.8	24.1	36.1

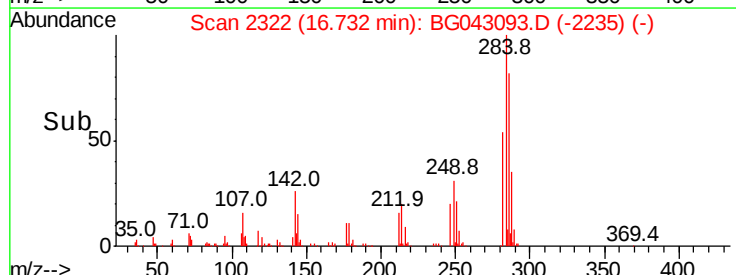
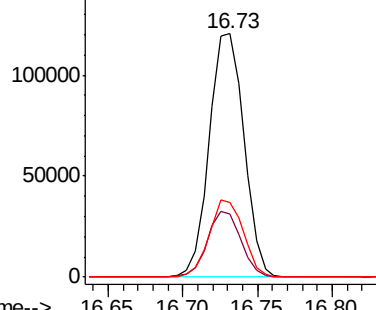


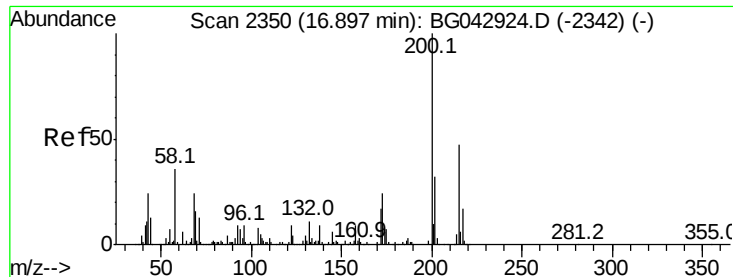
Abundance

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

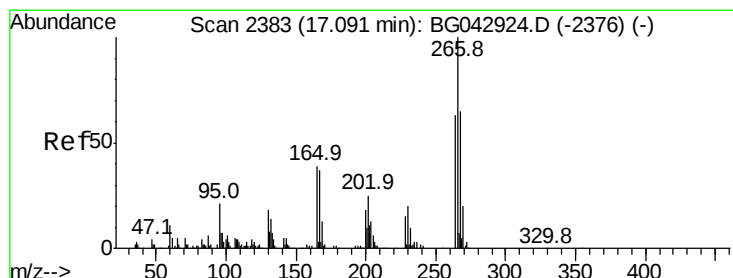
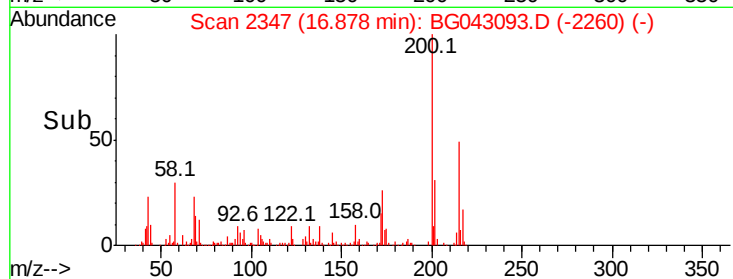
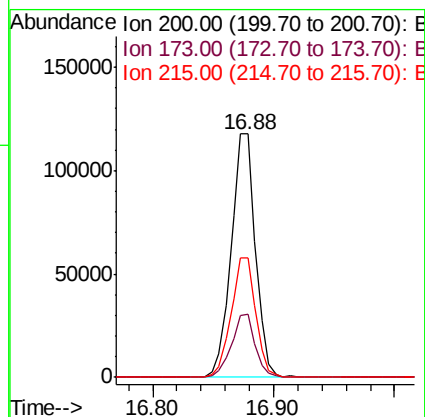
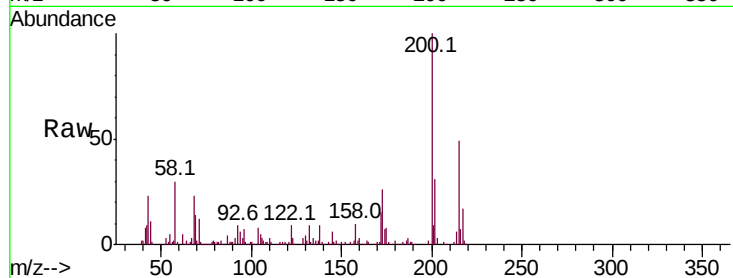




#69
 Atrazine
 Concen: 44.967 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. -0.02 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

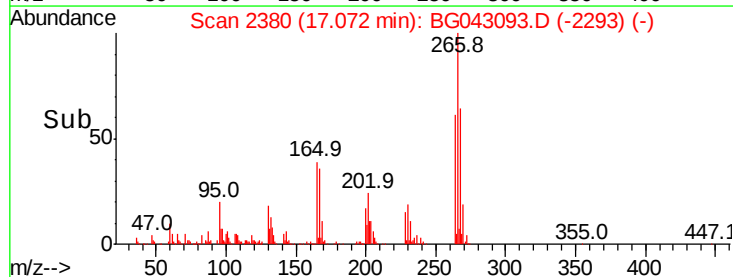
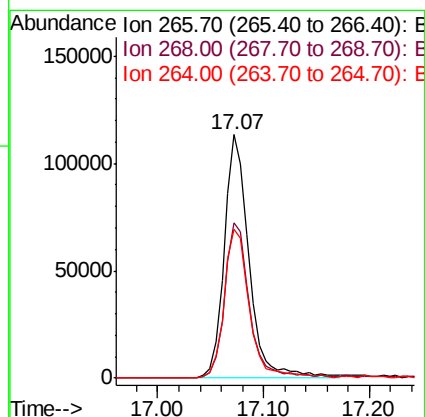
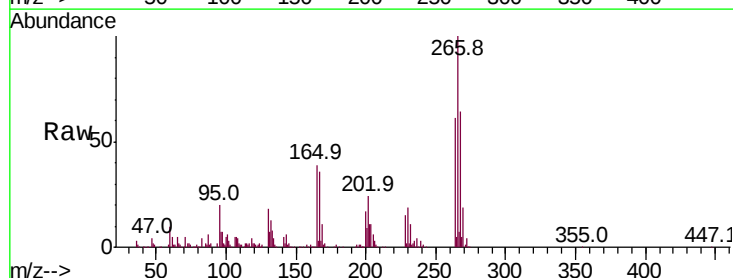
Instrument :
 BNA_G
 ClientSampleId :

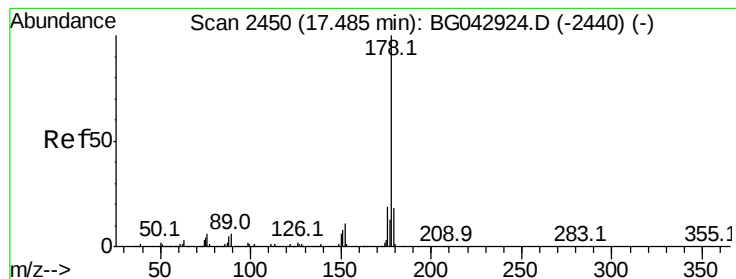
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	4.0	44.0
215	49.0	27.4	67.4



#70
 Pentachlorophenol
 Concen: 69.380 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.02 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	52.2	78.2
264	61.0	50.7	76.1





#71

Phenanthrene

Concen: 42.108 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

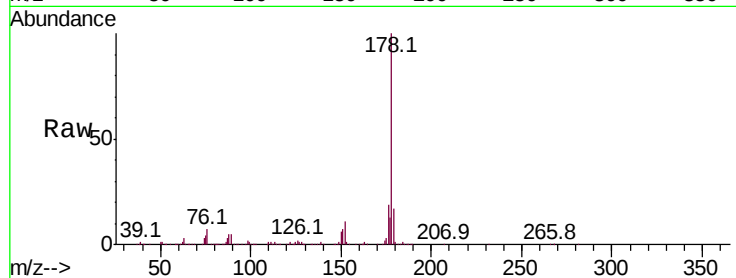
Tot Ion:178 Resp: 678875

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

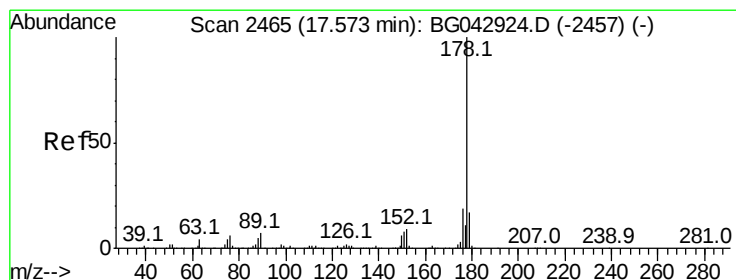
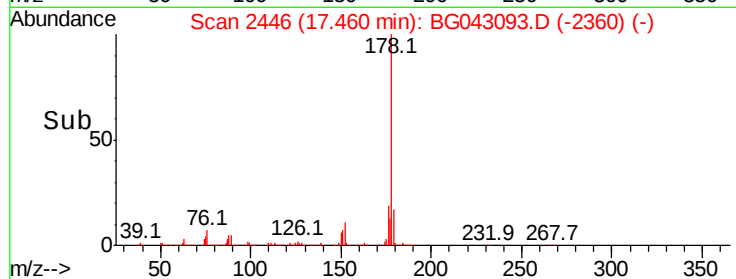
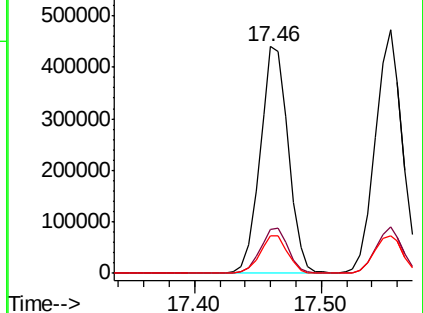
179 16.8 14.1 21.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.788 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

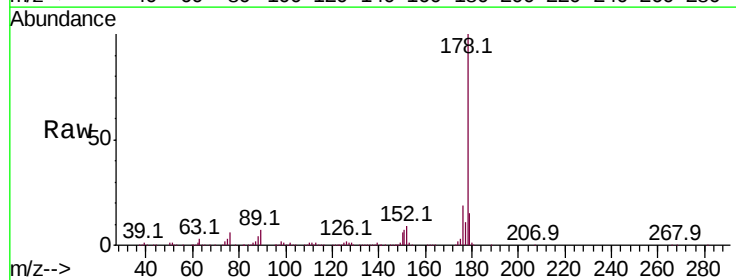
Tgt Ion:178 Resp: 704778

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

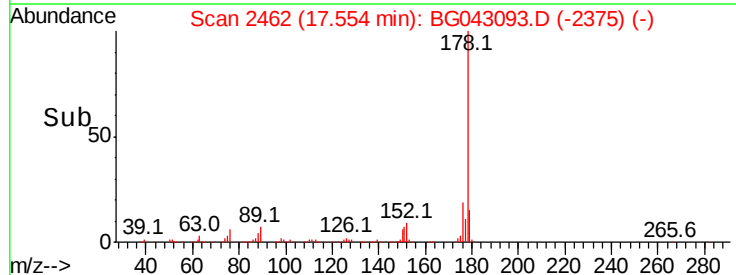
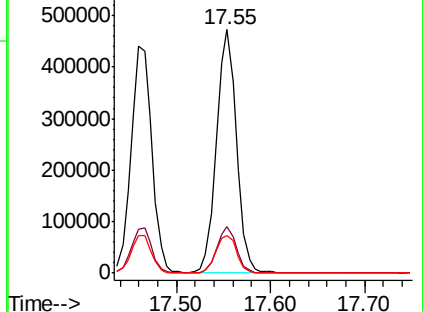
179 15.4 13.5 20.3

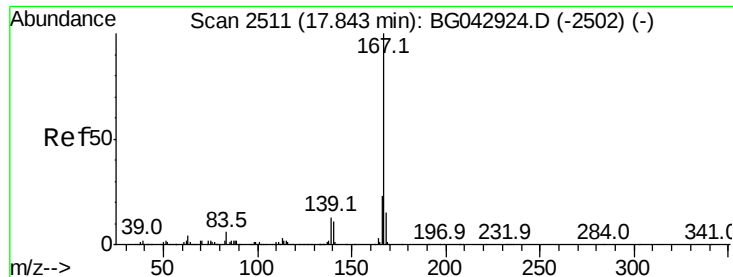


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.189 ng

RT: 17.82 min Scan# 2508

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampled :

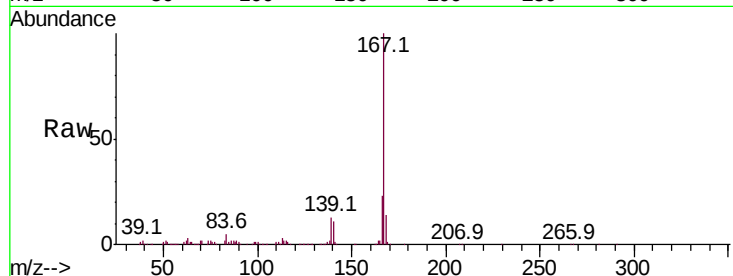
Tot Ion:167 Resp: 644610

Ion Ratio Lower Upper

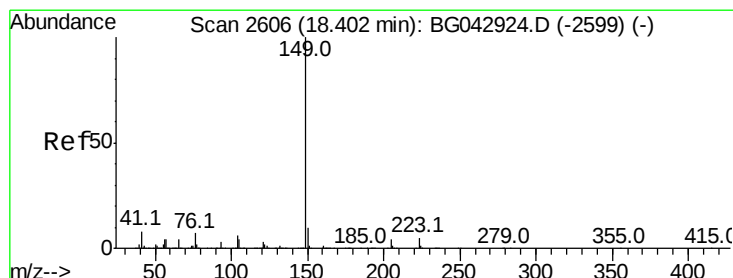
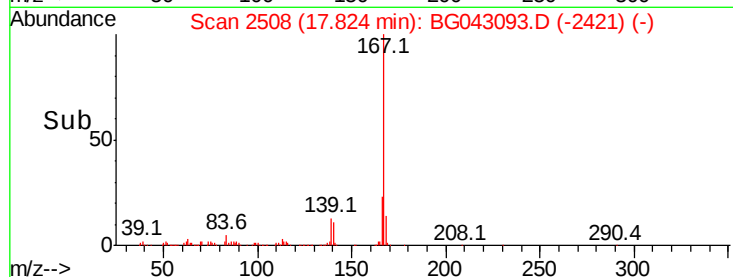
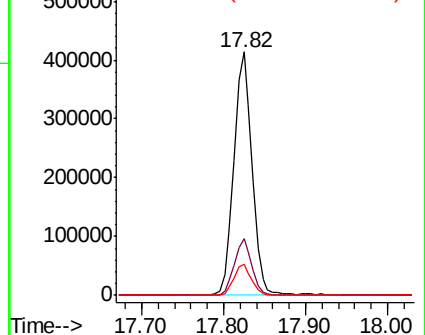
167 100

166 23.2 18.6 28.0

139 12.6 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.342 ng

RT: 18.38 min Scan# 2602

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

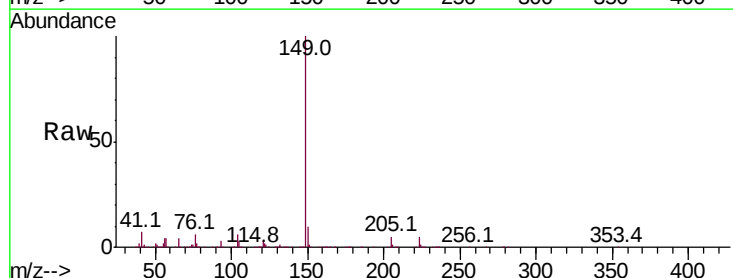
Tgt Ion:149 Resp: 736204

Ion Ratio Lower Upper

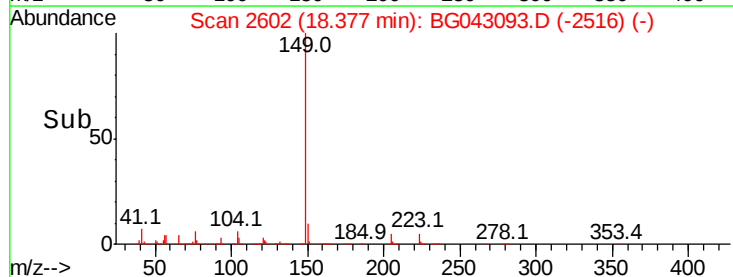
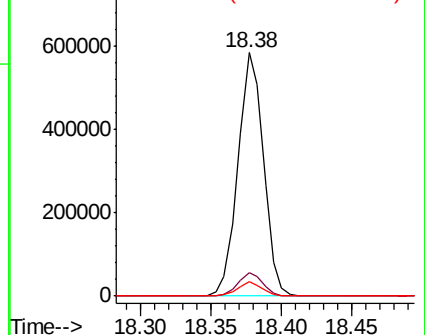
149 100

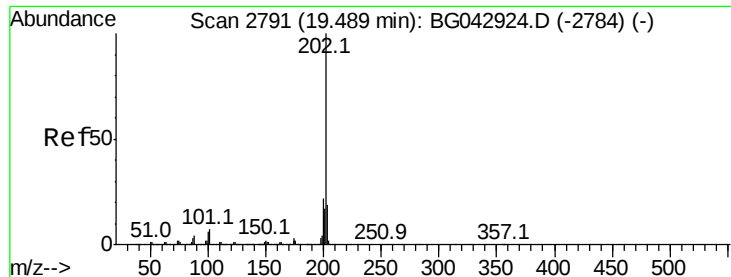
150 9.5 7.7 11.5

104 6.0 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.172 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

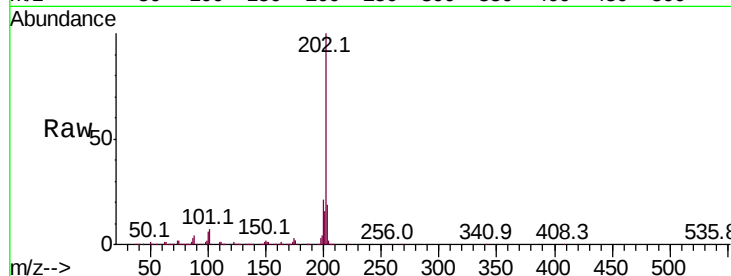
Tot Ion:202 Resp: 899301

Ion Ratio Lower Upper

202 100

101 6.7 0.0 27.3

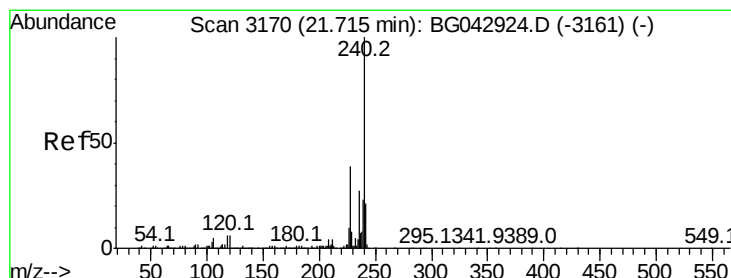
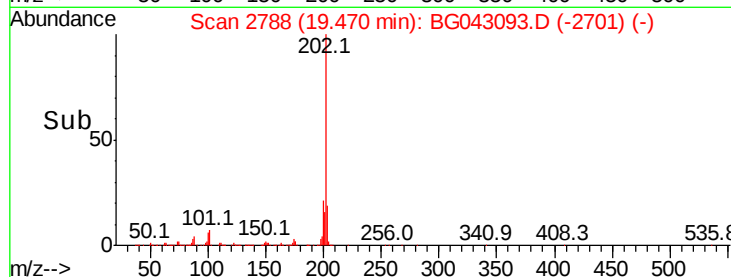
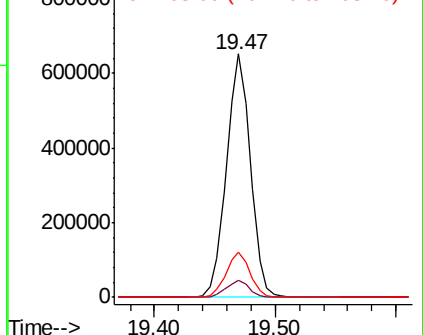
203 18.8 0.0 39.5



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: 21.69 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

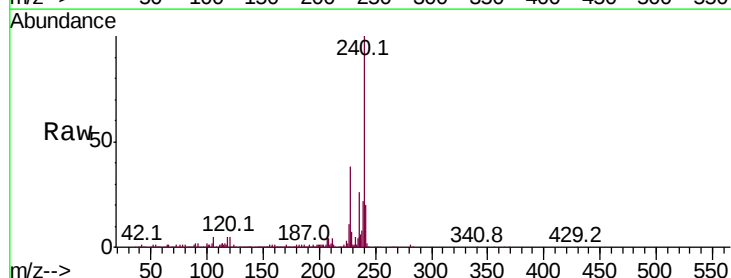
Tgt Ion:240 Resp: 356685

Ion Ratio Lower Upper

240 100

120 5.1 4.8 7.2

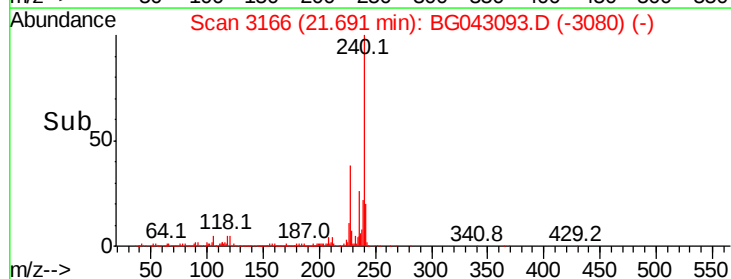
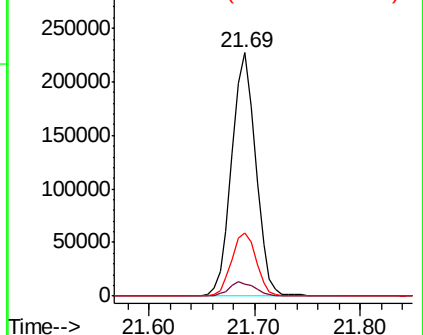
236 26.0 21.4 32.0

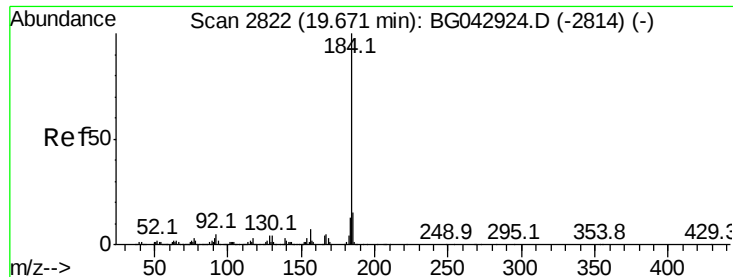


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

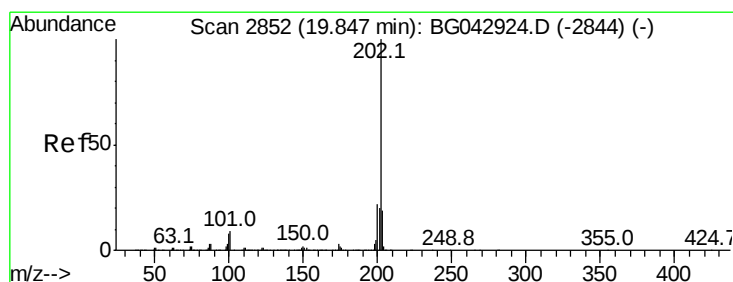
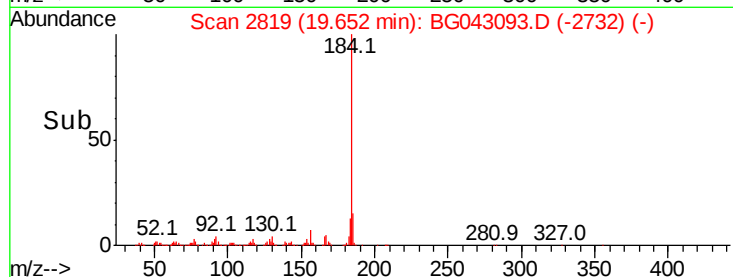
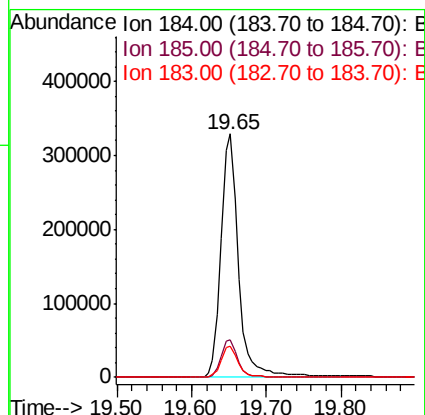
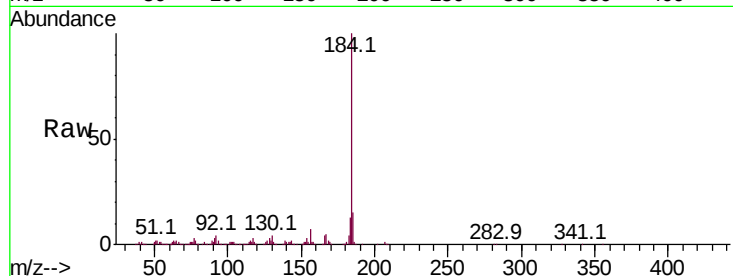




#77
Benzidine
Concen: 59.955 ng
RT: 19.65 min Scan# 2819
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

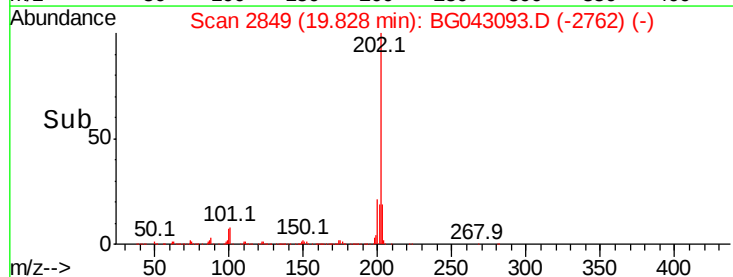
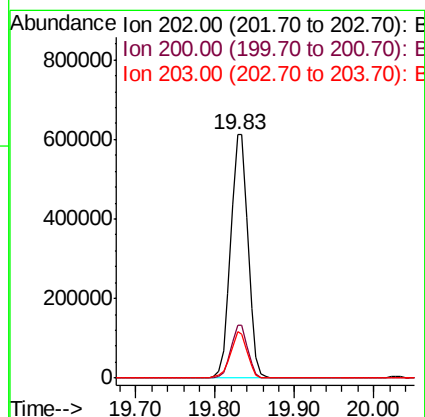
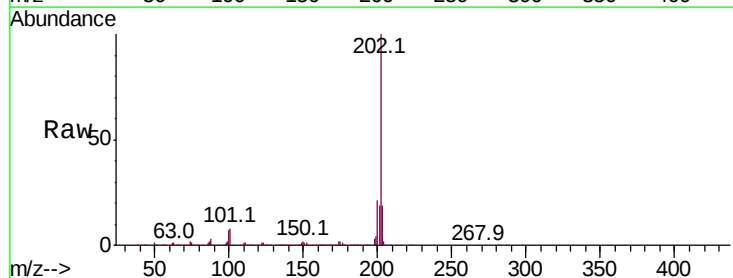
Instrument :
BNA_G
ClientSampleId :

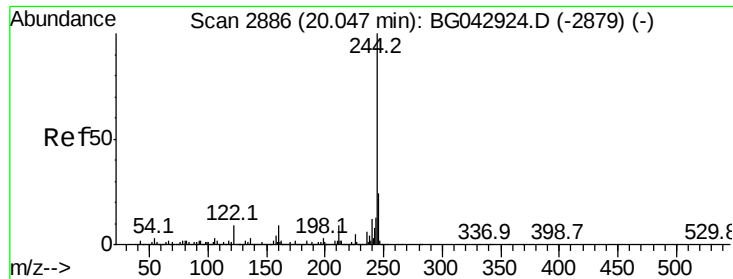
Tot Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.8	17.8
183	12.9	10.1	15.1



#78
Pyrene
Concen: 43.395 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	19.0	15.2	22.8





#79

Terphenyl-d14

Concen: 70.560 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

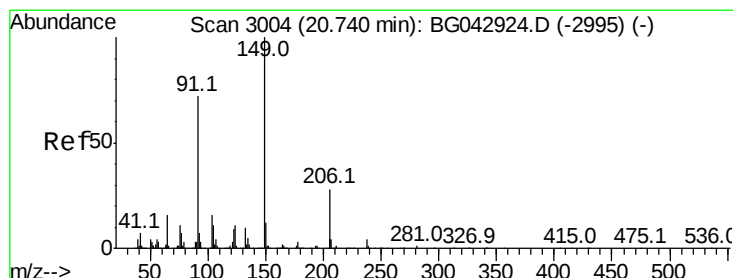
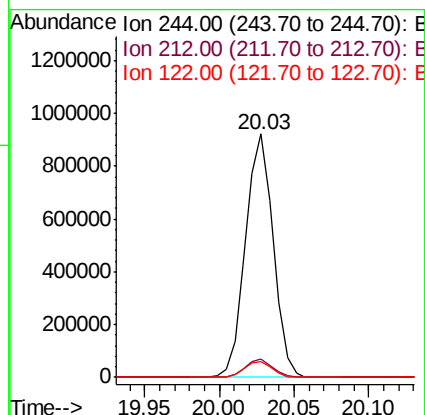
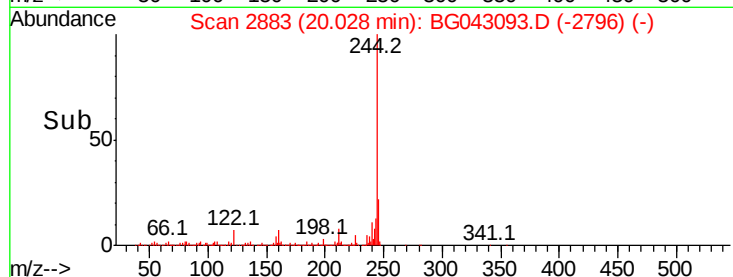
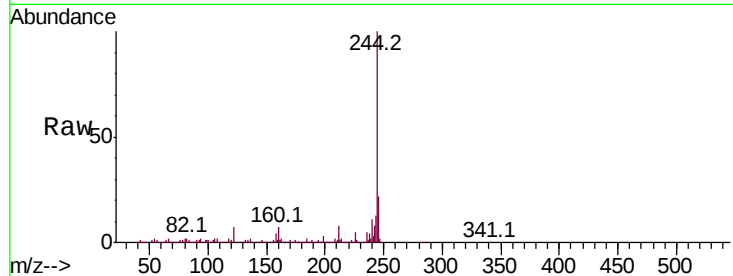
Tot Ion:244 Resp: 1181086

Ion Ratio Lower Upper

244 100

212 7.6 7.4 11.0

122 6.6 7.0 10.4#



#80

Butylbenzylphthalate

Concen: 41.912 ng

RT: 20.72 min Scan# 3000

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

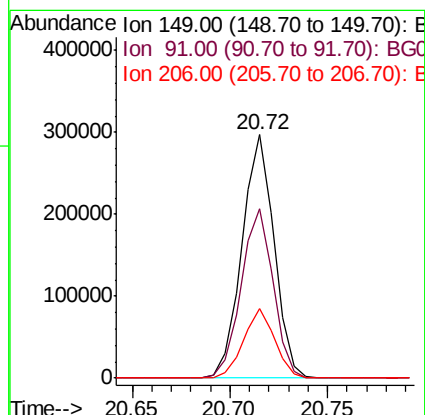
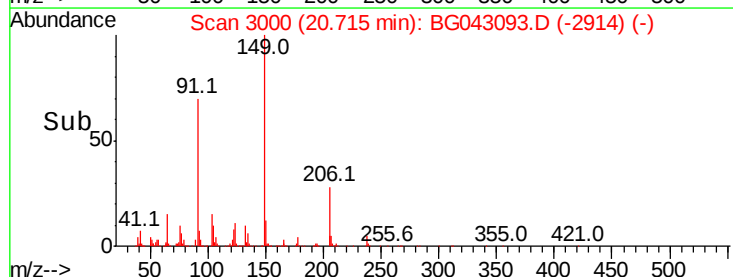
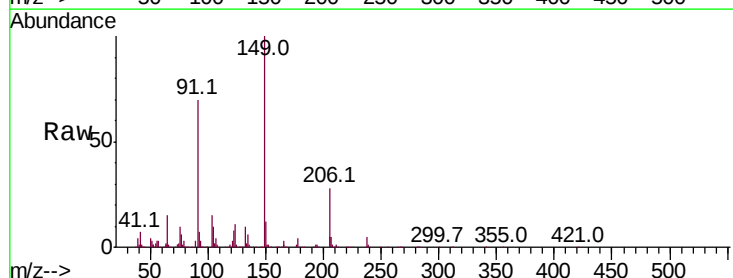
Tgt Ion:149 Resp: 338682

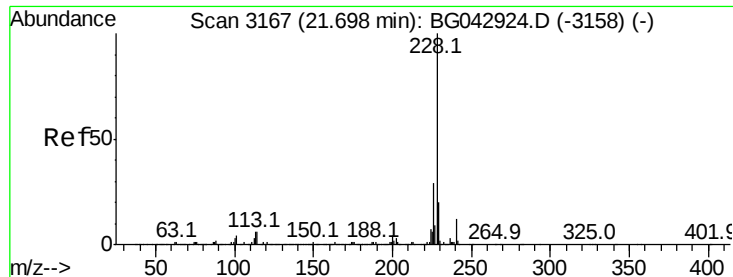
Ion Ratio Lower Upper

149 100

91 69.7 57.7 86.5

206 28.3 22.6 33.8





#81

Benzo(a)anthracene

Concen: 42.488 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.03 min

Lab File: BG043093.D

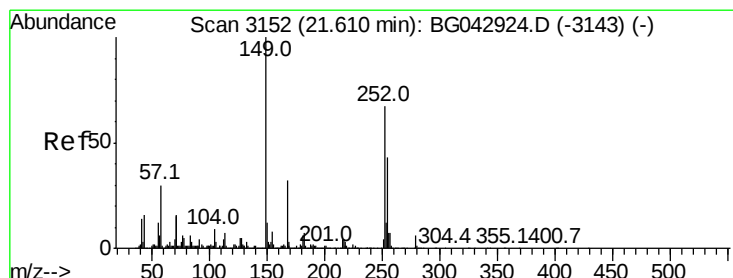
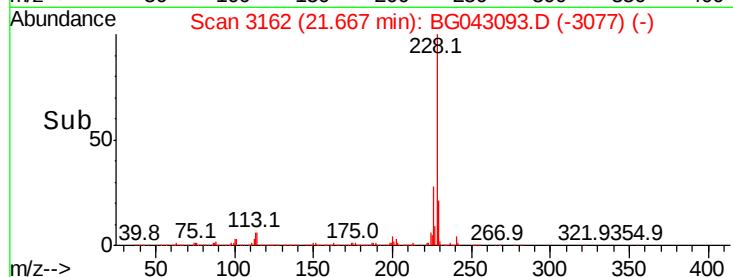
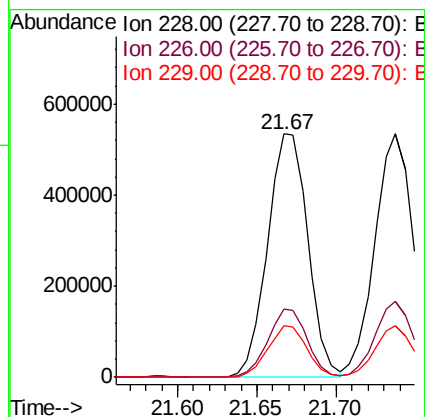
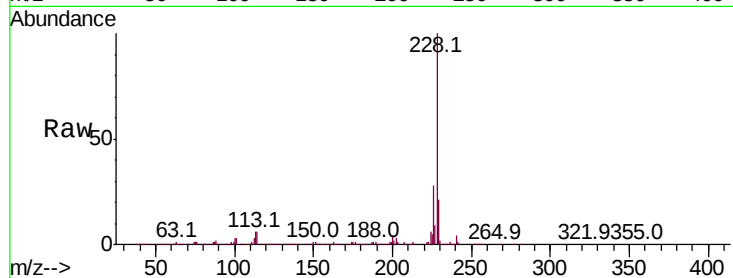
Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

Tot	Ion:228	Resp:	944293
Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.0	34.4
229	21.2	16.3	24.5



#82

3,3'-Dichlorobenzidine

Concen: 28.973 ng

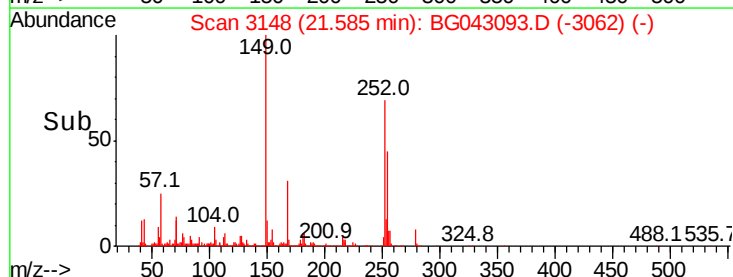
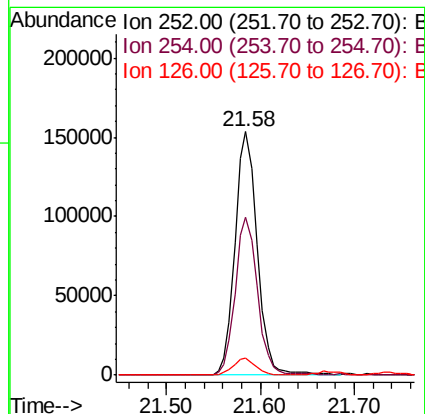
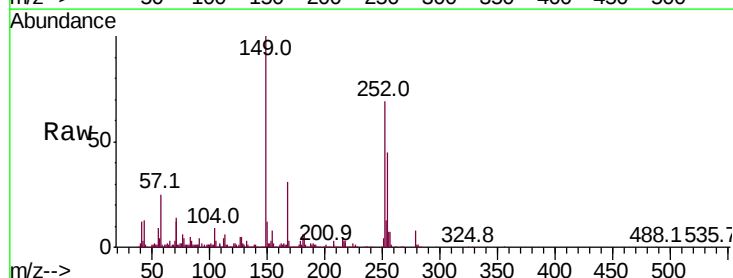
RT: 21.58 min Scan# 3148

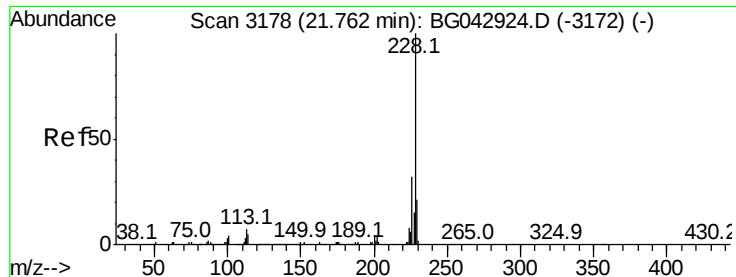
Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Tgt	Ion:252	Resp:	252551
Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	7.0	6.1	9.1





#83

Chrysene

Concen: 41.996 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.02 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

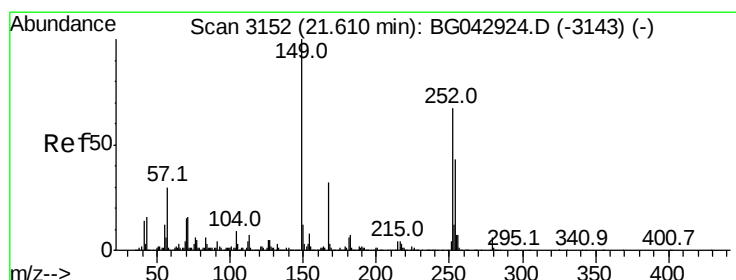
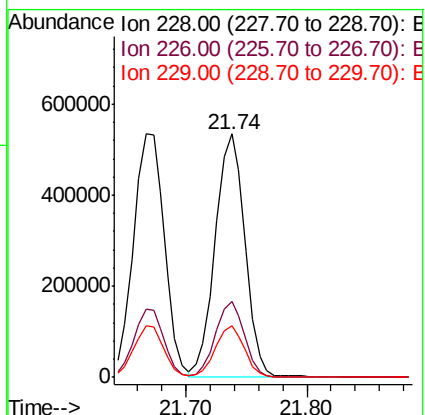
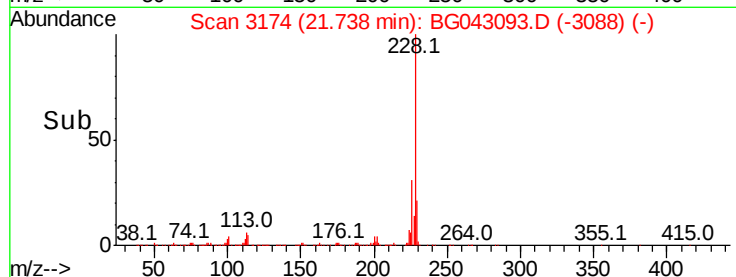
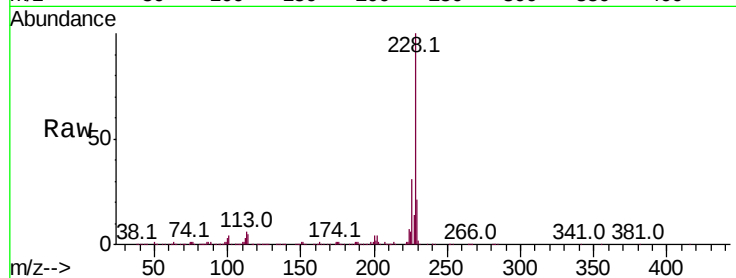
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 905744

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.6	38.4
229	21.2	16.9	25.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.596 ng

RT: 21.58 min Scan# 3147

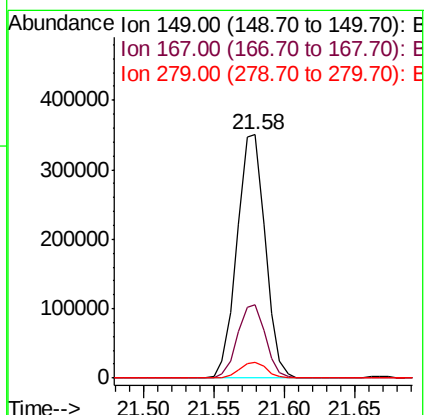
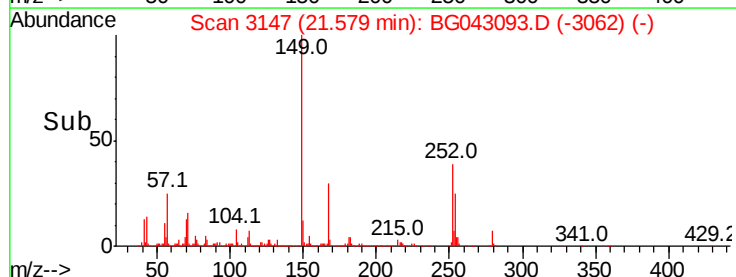
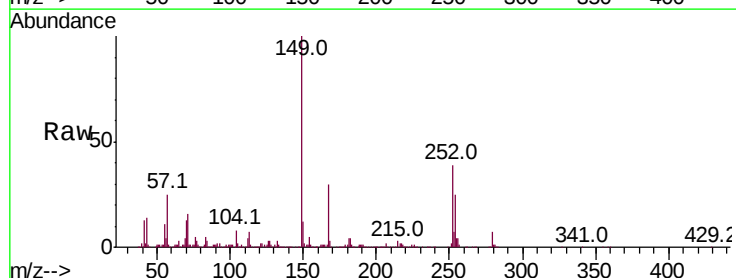
Delta R.T. -0.03 min

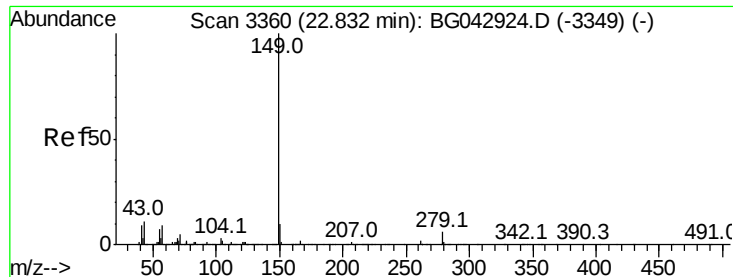
Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Tgt Ion:149 Resp: 489789

Ion	Ratio	Lower	Upper
149	100		
167	30.3	25.4	38.2
279	6.7	5.1	7.7





#85

Di-n-octyl phthalate

Concen: 43.783 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.05 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

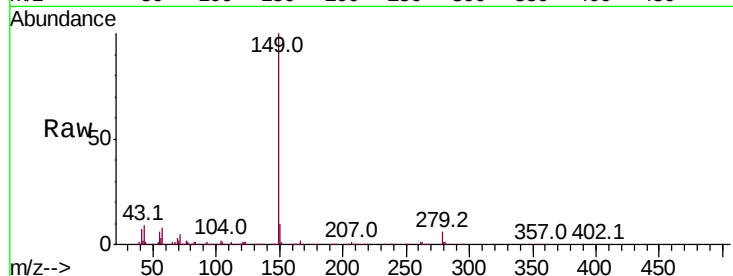
Tot Ion:149 Resp: 823239

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

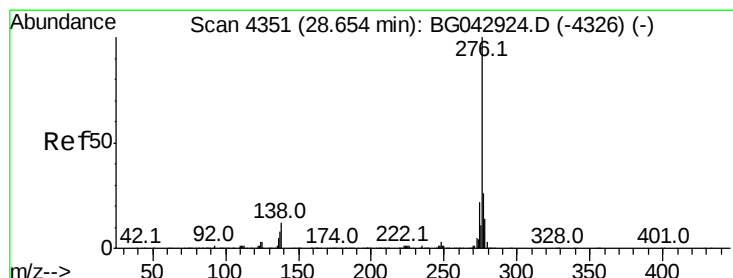
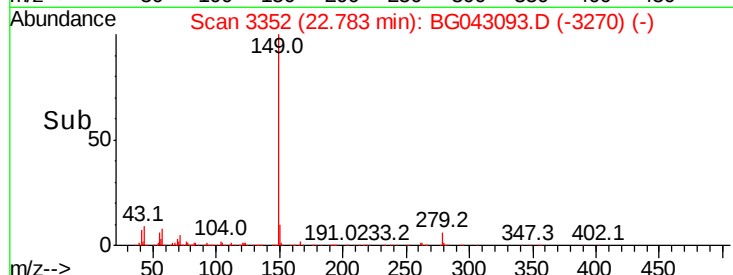
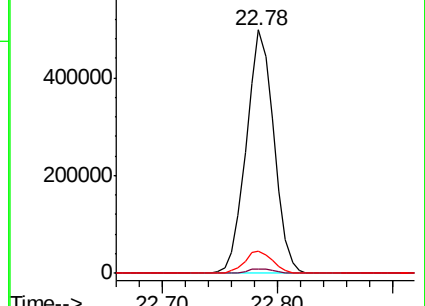
43 9.3 8.7 13.1



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: 43.479 ng

RT: 28.56 min Scan# 4336

Delta R.T. -0.09 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

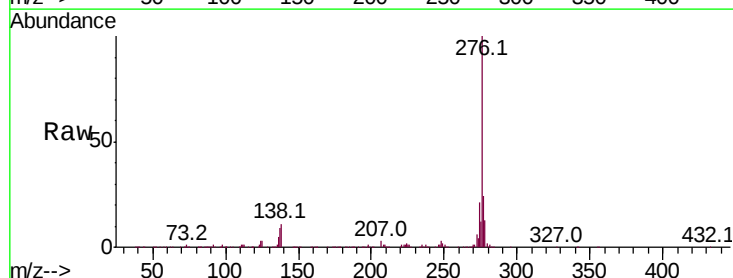
Tgt Ion:276 Resp: 1167401

Ion Ratio Lower Upper

276 100

138 9.0 7.0 10.6

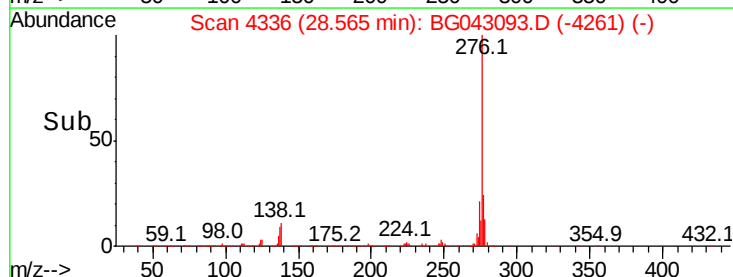
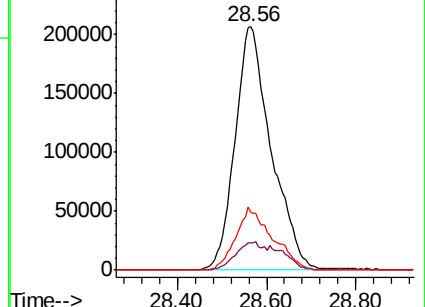
277 26.1 20.9 31.3

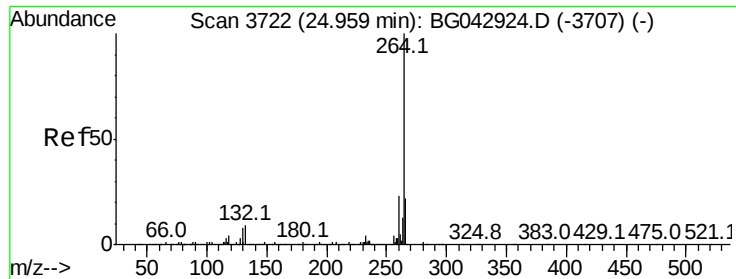


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.90 min Scan# 3712

Delta R.T. -0.06 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

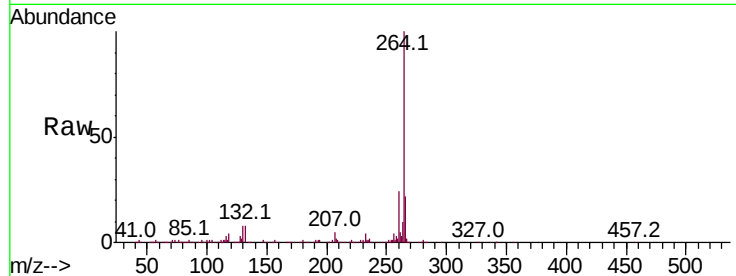
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 404213

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.9	17.7	26.5

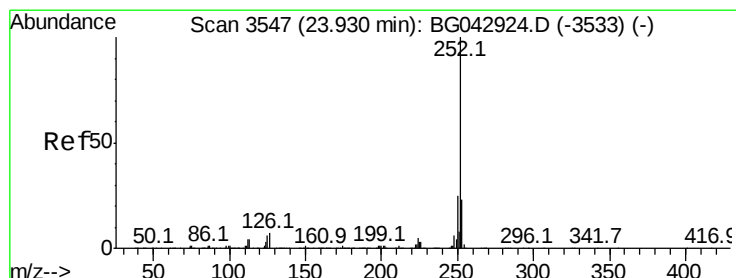
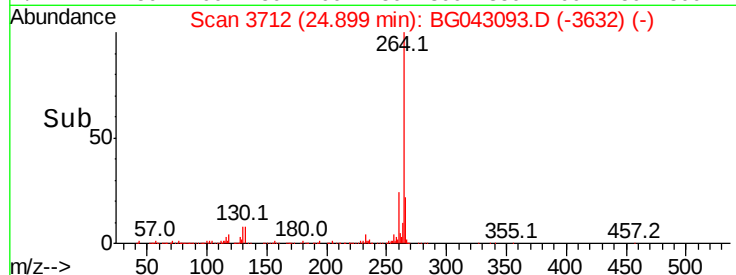
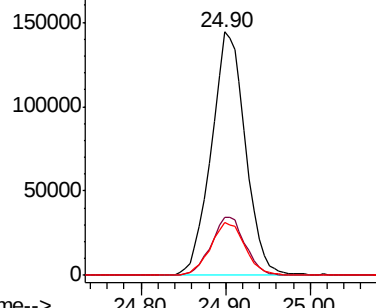


Abundance

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: 42.493 ng

RT: 23.88 min Scan# 3539

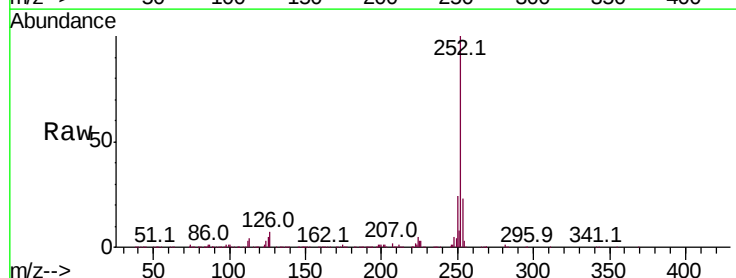
Delta R.T. -0.05 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Tgt Ion:252 Resp: 971875

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	5.4	4.6	7.0

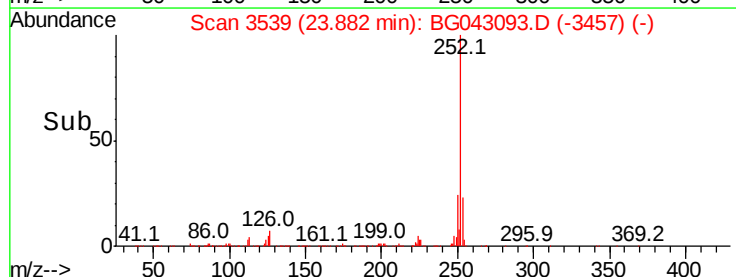
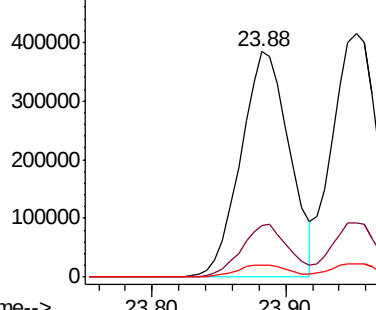


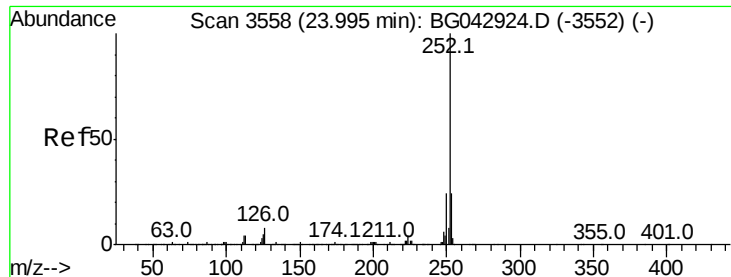
Abundance

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

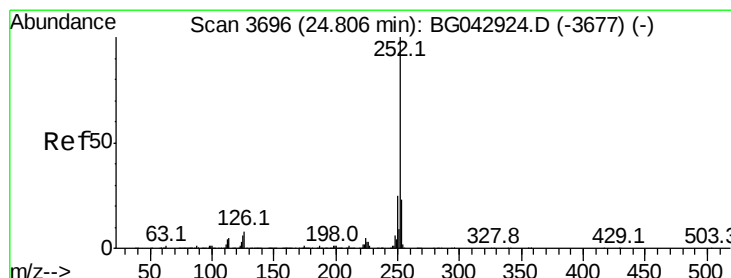
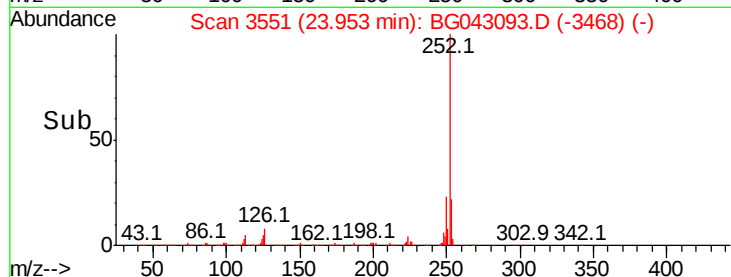
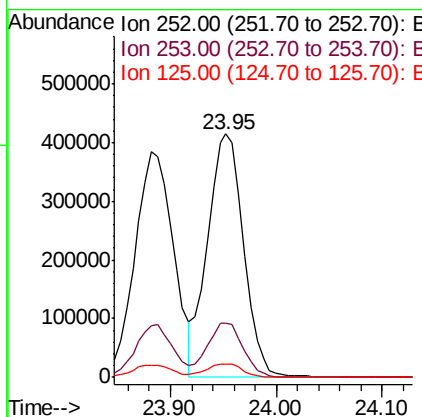
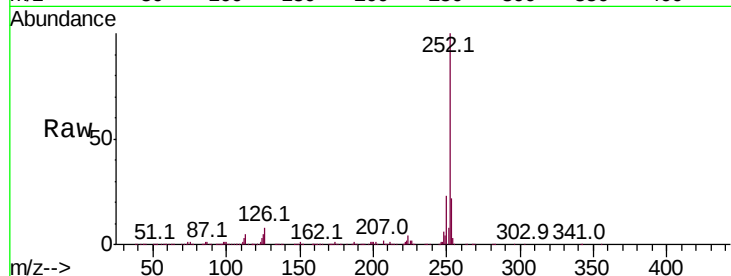




#89
Benzo(k)fluoranthene
Concen: 43.395 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.04 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

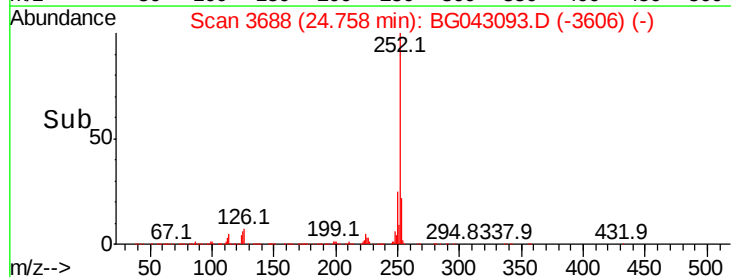
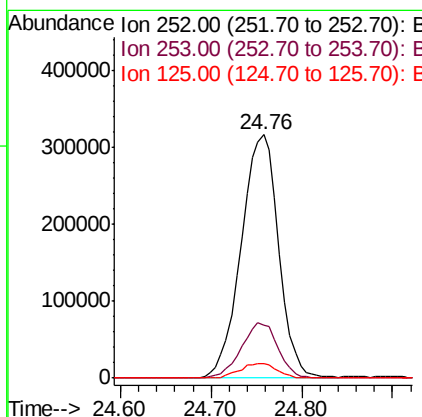
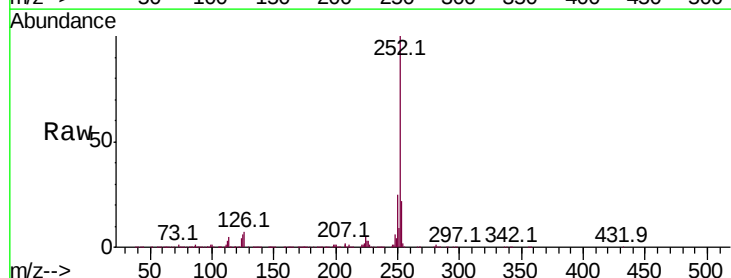
Instrument :
BNA_G
ClientSampled :

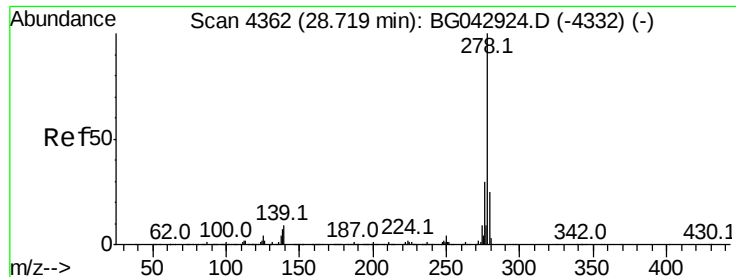
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.9	28.3
125	5.4	4.5	6.7



#90
Benzo(a)pyrene
Concen: 41.866 ng
RT: 24.76 min Scan# 3688
Delta R.T. -0.05 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	6.0	5.0	7.6

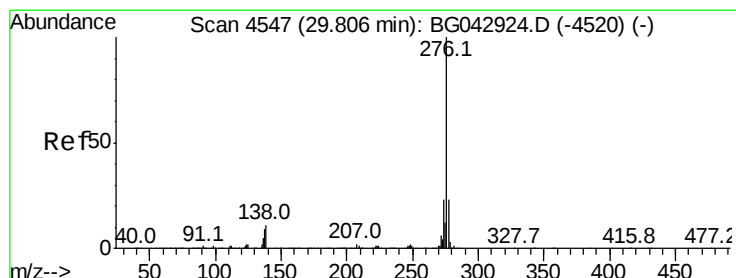
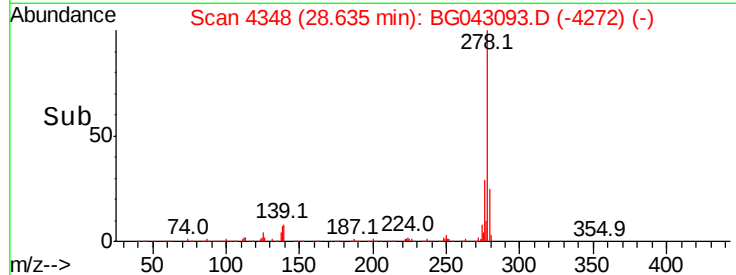
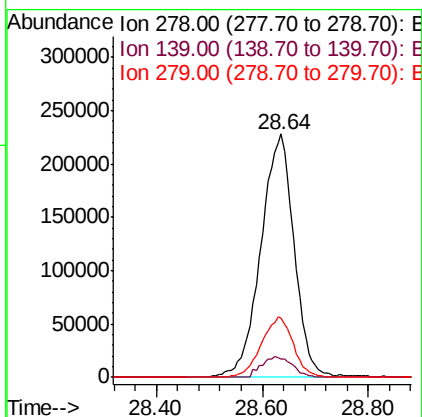
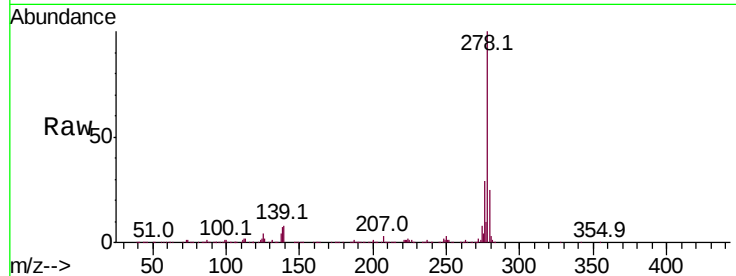




#91
Dibenzo(a,h)anthracene
Concen: 44.884 ng
RT: 28.64 min Scan# 4348
Delta R.T. -0.08 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.7	6.8	10.2
279	24.5	20.1	30.1



#92
Benzo(g,h,i)perylene
Concen: 45.556 ng
RT: 29.72 min Scan# 4532
Delta R.T. -0.09 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.4	27.6
138	11.8	8.6	12.8

