

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044593.D
 Acq On : 26 Feb 2020 1:52
 Operator : CG/JU
 Sample : L1603-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 26 05:05:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	61224	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	245695	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	163337	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	379668	20.00	ng	0.00
76) Chrysene-d12	21.50	240	381005	20.00	ng	0.00
87) Perylene-d12	24.57	264	405880	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	509392	133.49	ng	0.00
7) Phenol-d6	7.05	99	618577	118.43	ng	0.00
23) Nitrobenzene-d5	9.03	82	434456	91.10	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	321777	138.94	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	987961	86.62	ng	0.00
79) Terphenyl-d14	19.88	244	1752420	87.07	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	66978	40.224	ng	# 39
3) Pyridine	3.74	79	154478	33.248	ng	98
4) n-Nitrosodimethylamine	3.64	42	84746	48.024	ng	95
6) Aniline	7.20	93	59035	9.283	ng	96
8) 2-Chlorophenol	7.44	128	210746	50.594	ng	97
9) Benzaldehyde	7.01	77	45025	14.660	ng	97
10) Phenol	7.08	94	219717	43.408	ng	98
11) bis(2-Chloroethyl)ether	7.29	93	195202	45.874	ng	95
12) 1,3-Dichlorobenzene	7.76	146	224732	45.235	ng	98
13) 1,4-Dichlorobenzene	7.91	146	226102	45.284	ng	99
14) 1,2-Dichlorobenzene	8.23	146	212664	44.788	ng	97
15) Benzyl Alcohol	8.11	79	171414	48.661	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	253172	44.271	ng	99
17) 2-Methylphenol	8.33	107	171856	47.527	ng	97
18) Hexachloroethane	8.95	117	80902	44.337	ng	95
19) n-Nitroso-di-n-propylamine	8.68	70	153207	45.633	ng	98
20) 3+4-Methylphenols	8.65	107	232910	47.047	ng	99
22) Acetophenone	8.70	105	292210	47.371	ng	99
24) Nitrobenzene	9.07	77	217476	47.069	ng	100
25) Isophorone	9.60	82	423628	47.483	ng	99
26) 2-Nitrophenol	9.79	139	120003	47.891	ng	98
27) 2,4-Dimethylphenol	9.85	122	191868	54.535	ng	99
28) bis(2-Chloroethoxy)methane	10.08	93	265659	45.028	ng	98
29) 2,4-Dichlorophenol	10.33	162	207702	49.379	ng	98
30) 1,2,4-Trichlorobenzene	10.54	180	215036	44.204	ng	99
31) Naphthalene	10.72	128	623394	46.499	ng	99
32) Benzoic acid	10.02	122	67044	49.849	ng	98
33) 4-Chloroaniline	10.85	127	11742	1.989	ng	# 94
34) Hexachlorobutadiene	11.02	225	131722	43.117	ng	98
35) Caprolactam	11.61	113	32056	21.288	ng	97
36) 4-Chloro-3-methylphenol	11.97	107	220427	50.910	ng	97
37) 2-Methylnaphthalene	12.34	142	463002	46.729	ng	98
38) 1-Methylnaphthalene	12.56	142	440990	46.840	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	236719	43.049	ng	99

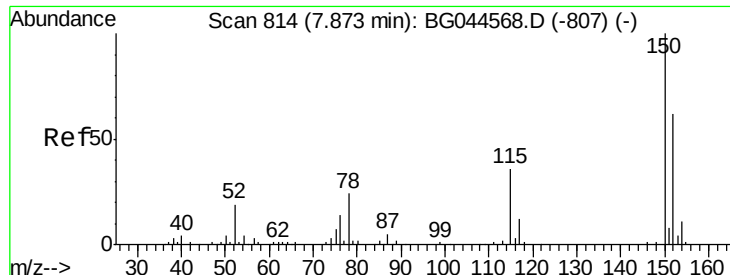
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044593.D
 Acq On : 26 Feb 2020 1:52
 Operator : CG/JU
 Sample : L1603-01MSD
 Misc :
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Quant Time: Feb 26 05:05:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	245453	92.187	ng	99
43) 2,4,6-Trichlorophenol	12.95	196	169445	47.459	ng	100
44) 2,4,5-Trichlorophenol	13.03	196	185068	50.459	ng	98
46) 1,1'-Biphenyl	13.35	154	595440	44.052	ng	98
47) 2-Chloronaphthalene	13.39	162	462552	43.640	ng	99
48) 2-Nitroaniline	13.59	65	134779	45.808	ng	98
49) Acenaphthylene	14.24	152	738693	47.213	ng	100
50) Dimethylphthalate	13.98	163	616837	46.789	ng	99
51) 2,6-Dinitrotoluene	14.09	165	141196	48.562	ng	97
52) Acenaphthene	14.58	154	459041	46.026	ng	99
53) 3-Nitroaniline	14.42	138	20400	6.506	ng	98
54) 2,4-Dinitrophenol	14.63	184	161008	91.428	ng	97
55) Dibenzofuran	14.92	168	721241	47.171	ng	98
56) 4-Nitrophenol	14.75	139	232501	107.790	ng	97
57) 2,4-Dinitrotoluene	14.88	165	196976	48.187	ng	99
58) Fluorene	15.56	166	580715	47.901	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.15	232	164724	48.771	ng	96
60) Diethylphthalate	15.34	149	621661	47.591	ng	100
61) 4-Chlorophenyl-phenylether	15.56	204	304391	46.178	ng	99
62) 4-Nitroaniline	15.59	138	122428	38.992	ng	99
63) Azobenzene	15.85	77	540156	48.589	ng	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	121893	51.850	ng	98
66) n-Nitrosodiphenylamine	15.78	169	543495	45.892	ng	100
67) 4-Bromophenyl-phenylether	16.45	248	207596	44.050	ng	98
68) Hexachlorobenzene	16.57	284	227604	42.716	ng	98
69) Atrazine	16.73	200	200565	45.810	ng	99
70) Pentachlorophenol	16.92	266	259098	97.613	ng	98
71) Phenanthrene	17.30	178	967253	46.016	ng	99
72) Anthracene	17.39	178	978987	47.261	ng	98
73) Carbazole	17.66	167	905167	48.006	ng	99
74) Di-n-butylphthalate	18.23	149	1112793	47.098	ng	98
75) Fluoranthene	19.31	202	1185303	47.635	ng	99
77) Benzidine	19.51	184	99959	7.659	ng	99
78) Pyrene	19.68	202	1201542	43.444	ng	98
80) Butylbenzylphthalate	20.57	149	529837	43.796	ng	98
81) Benzo(a)anthracene	21.49	228	1170330	43.704	ng	99
82) 3,3'-Dichlorobenzidine	21.40	252	201316	19.030	ng	99
83) Chrysene	21.55	228	1130260	43.655	ng	98
84) Bis(2-ethylhexyl)phthalate	21.40	149	743298	44.590	ng	98
85) Di-n-octyl phthalate	22.56	149	1300699	44.350	ng	99
86) Indeno(1,2,3-cd)pyrene	28.06	276	1457783	43.873	ng	99
88) Benzo(b)fluoranthene	23.60	252	1235623	46.302	ng	99
89) Benzo(k)fluoranthene	23.67	252	1248442	48.216	ng	100
90) Benzo(a)pyrene	24.43	252	1146574	45.730	ng	99
91) Dibenzo(a,h)anthracene	28.11	278	1205395	48.611	ng	98
92) Benzo(g,h,i)perylene	29.13	276	1218791	49.058	ng	99

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

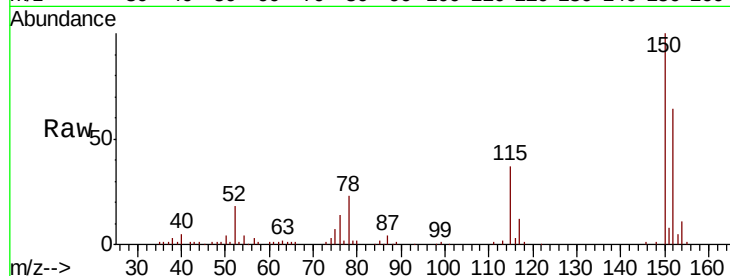


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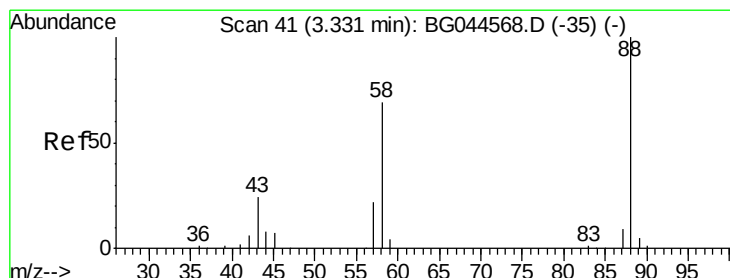
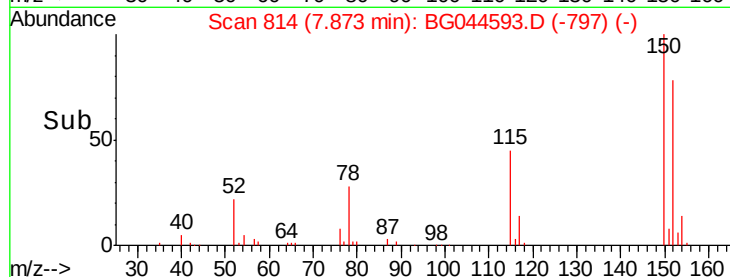
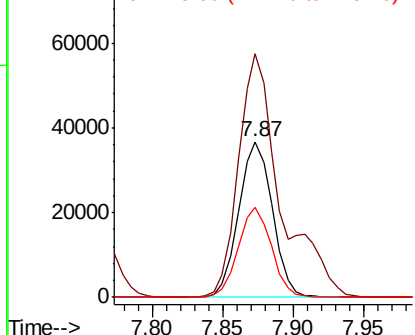
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61224
Ion Ratio Lower Upper
152 100
150 156.8 128.9 193.3
115 58.1 47.0 70.4



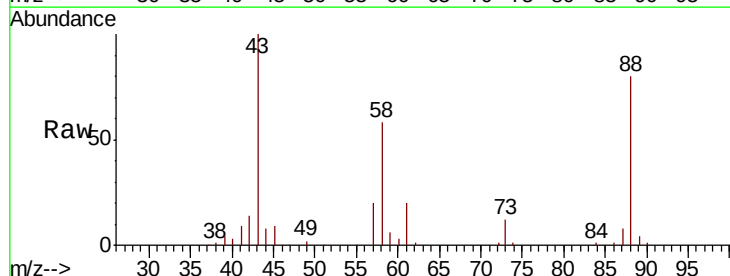
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



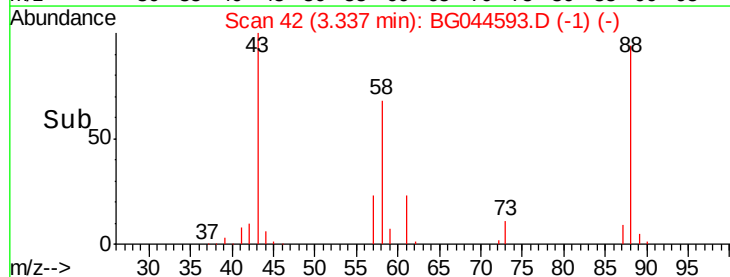
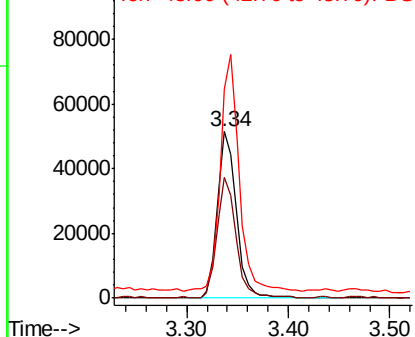
#2

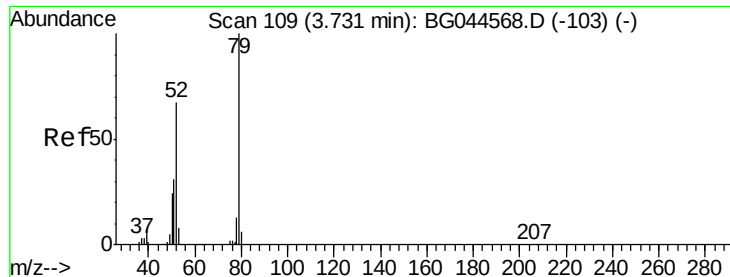
1,4-Dioxane
Concen: 40.224 ng
RT: 3.34 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Tgt Ion: 88 Resp: 66978
Ion Ratio Lower Upper
88 100
58 70.8 55.8 83.8
43 138.9 20.6 31.0#



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: 33.248 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

Instrument :

BNA_G

ClientSampleId :

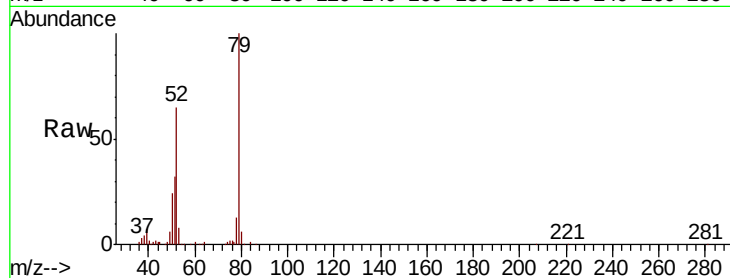
Tot Ion: 79 Resp: 154478

Ion Ratio Lower Upper

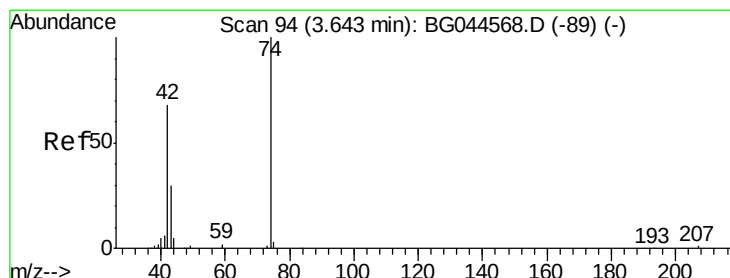
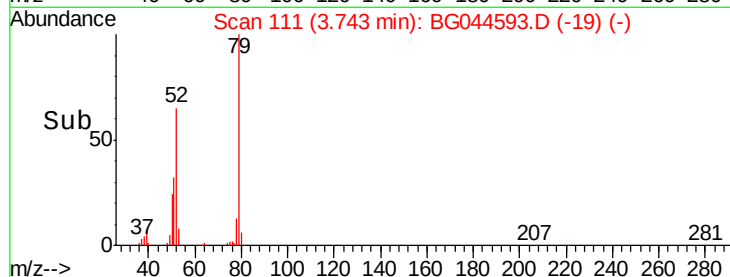
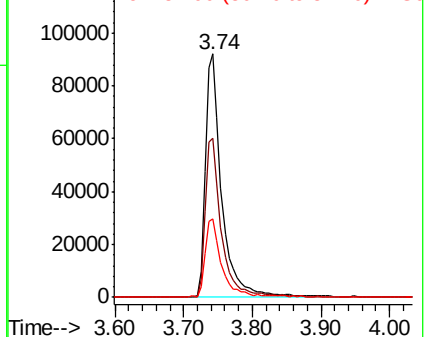
79 100

52 65.4 53.7 80.5

51 32.2 25.4 38.0



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



#4

n-Nitrosodimethylamine

Concen: 48.024 ng

RT: 3.64 min Scan# 94

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

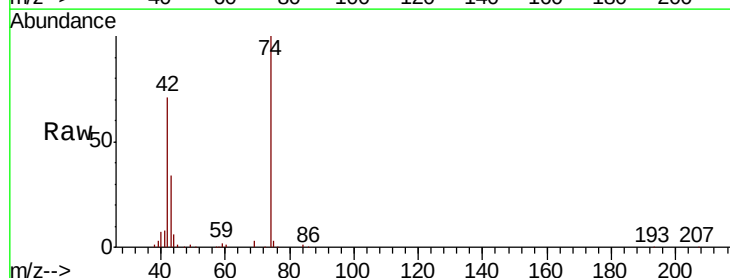
Tgt Ion: 42 Resp: 84746

Ion Ratio Lower Upper

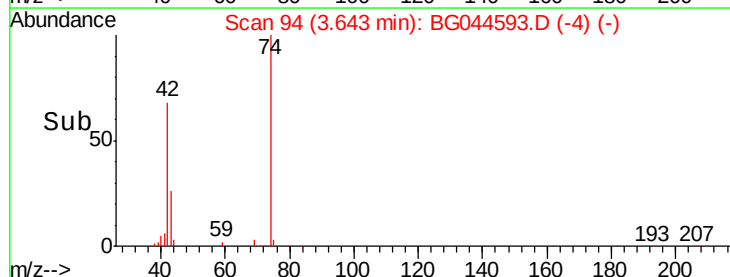
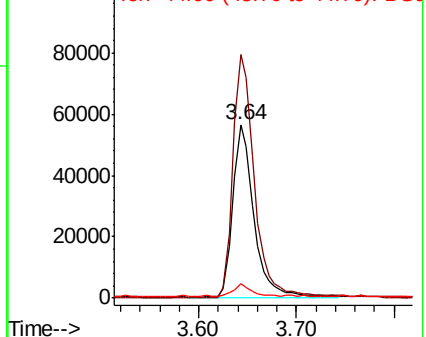
42 100

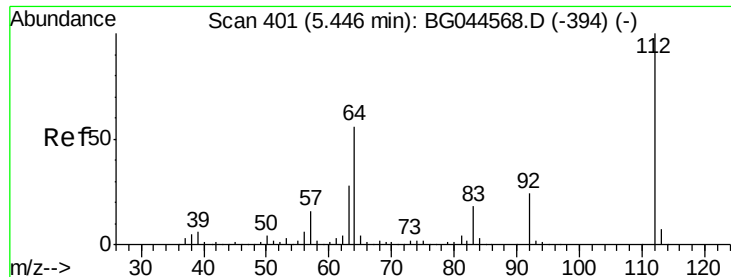
74 140.6 117.6 176.4

44 8.4 6.3 9.5



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





#5

2-Fluorophenol

Concen: 133.494 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.01 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

Instrument :

BNA_G

ClientSampleId :

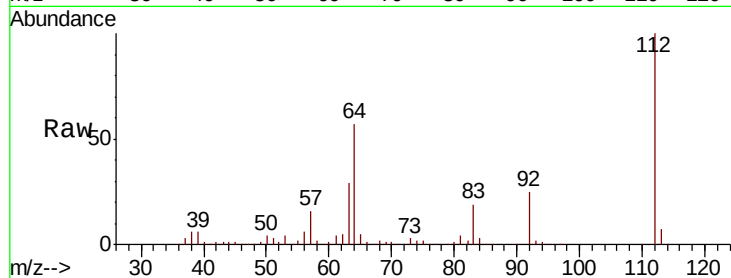
Tot Ion:112 Resp: 509392

Ion Ratio Lower Upper

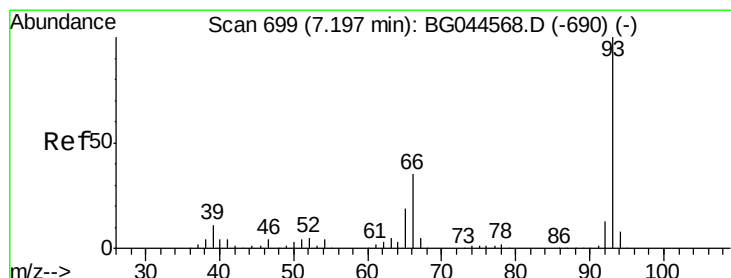
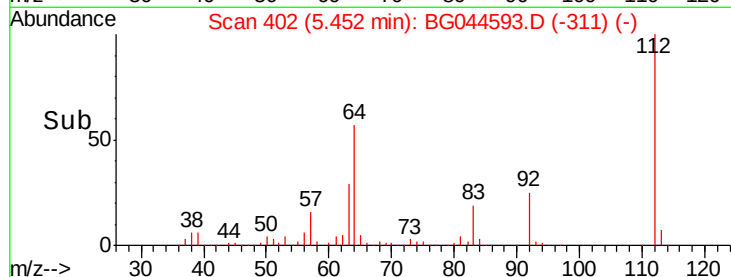
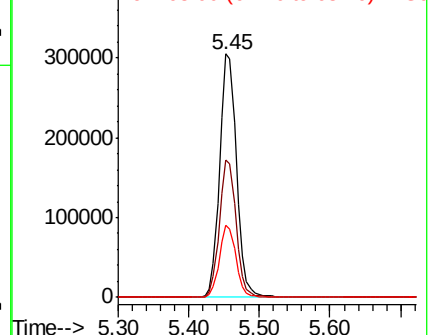
112 100

64 56.6 44.8 67.2

63 29.5 22.3 33.5



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: 9.283 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

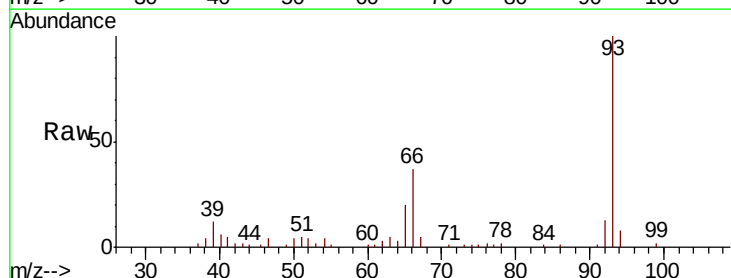
Tgt Ion: 93 Resp: 59035

Ion Ratio Lower Upper

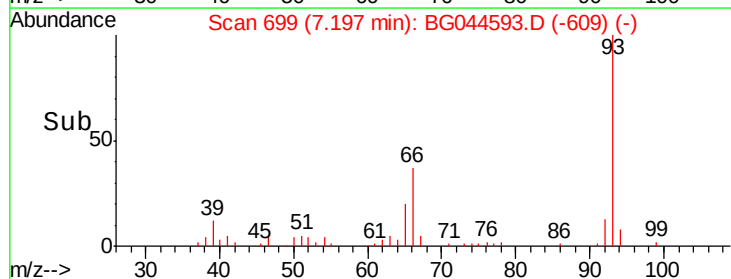
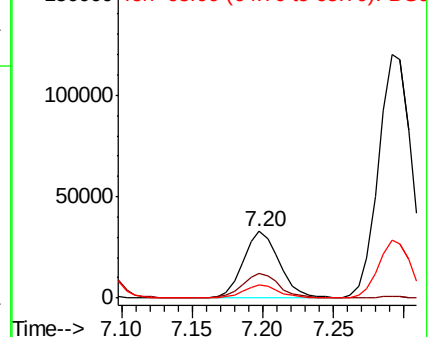
93 100

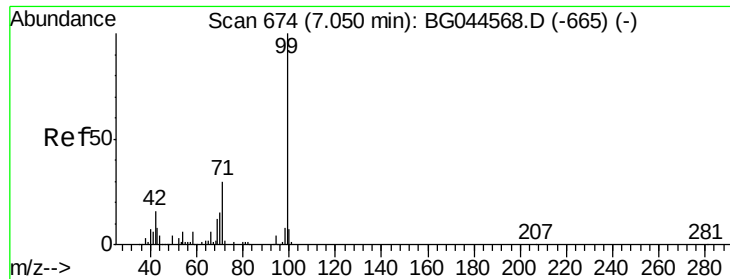
66 37.4 27.8 41.8

65 19.5 14.9 22.3



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: 118.430 ng

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

Instrument :

BNA_G

ClientSampleId :

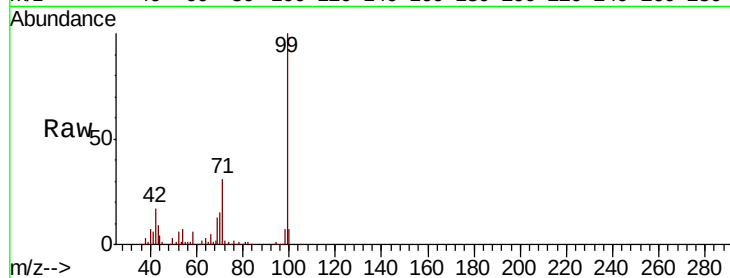
Tot Ion: 99 Resp: 618577

Ion Ratio Lower Upper

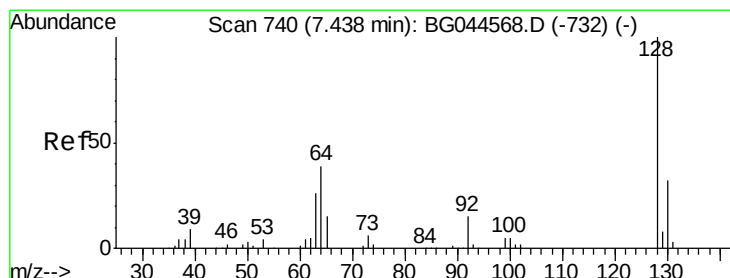
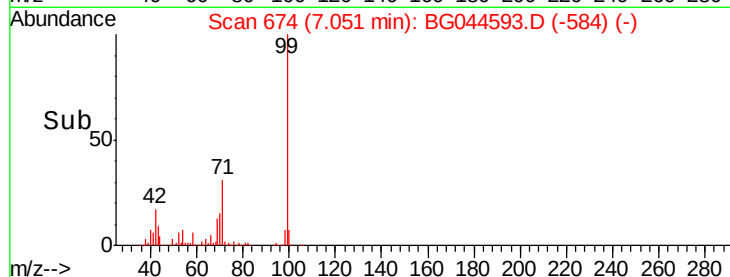
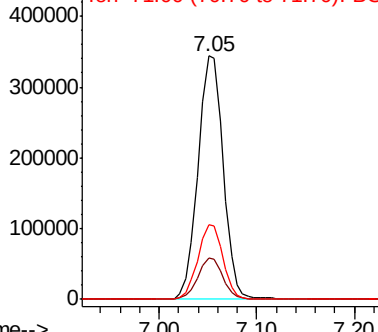
99 100

42 16.8 12.8 19.2

71 30.8 24.4 36.6



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



#8

2-Chlorophenol

Concen: 50.594 ng

RT: 7.44 min Scan# 741

Delta R.T. 0.01 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

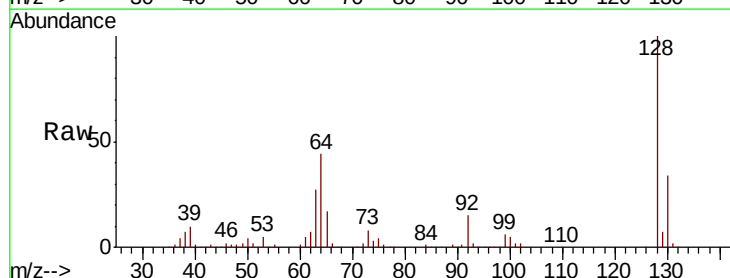
Tgt Ion: 128 Resp: 210746

Ion Ratio Lower Upper

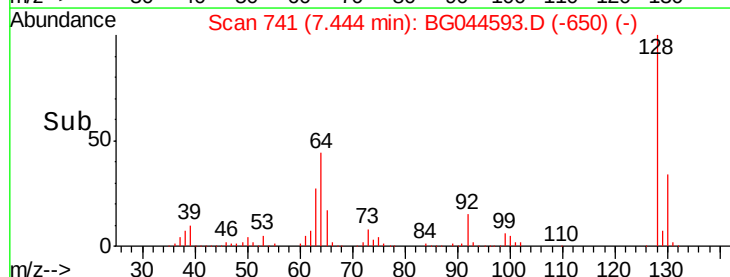
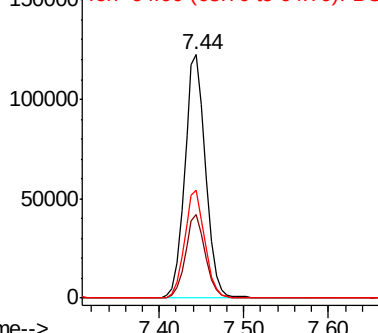
128 100

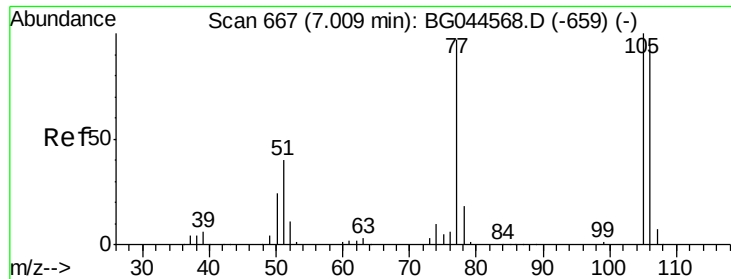
130 34.2 12.3 52.3

64 44.5 22.5 62.5



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 14.660 ng

RT: 7.01 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

Instrument :

BNA_G

ClientSampled :

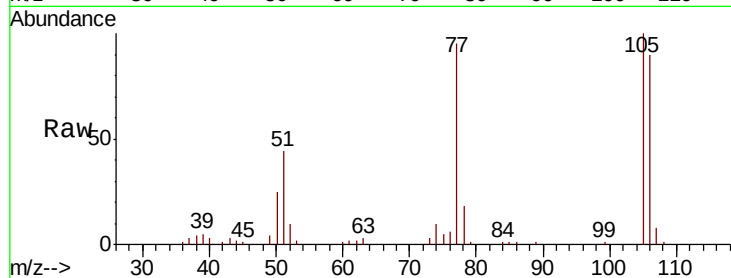
Tot Ion: 77 Resp: 45025

Ion Ratio Lower Upper

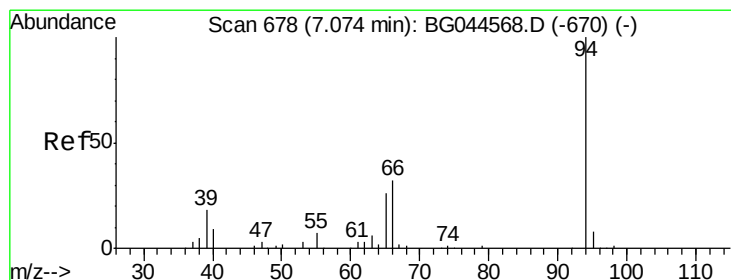
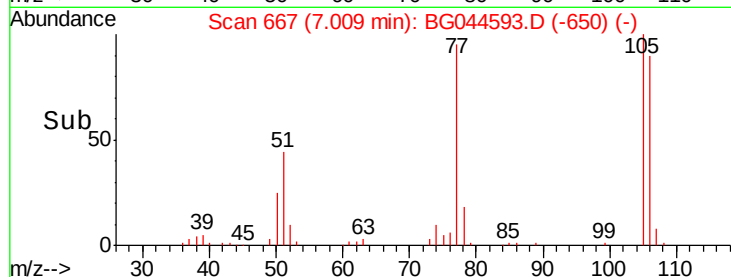
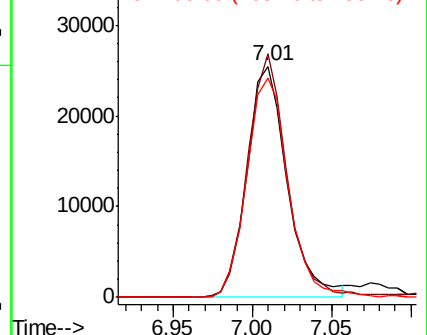
77 100

105 105.5 83.6 123.6

106 94.8 78.2 118.2



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



#10

Phenol

Concen: 43.408 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

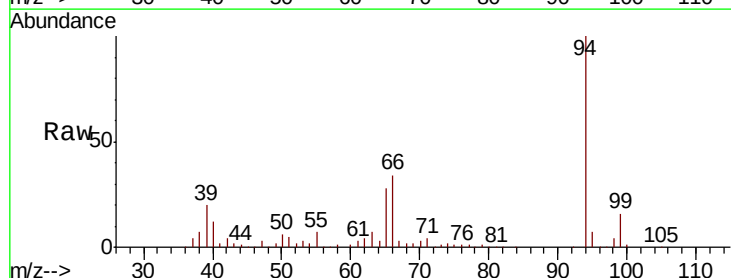
Tgt Ion: 94 Resp: 219717

Ion Ratio Lower Upper

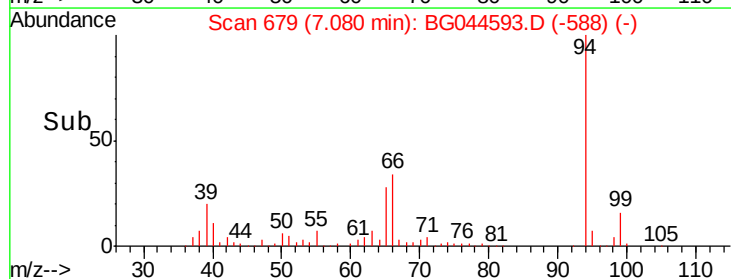
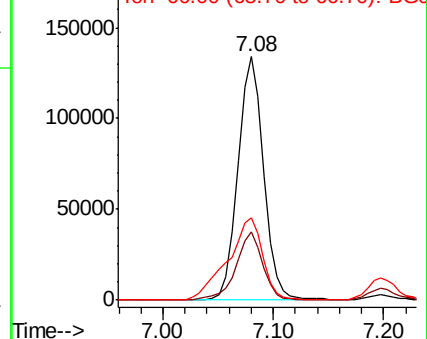
94 100

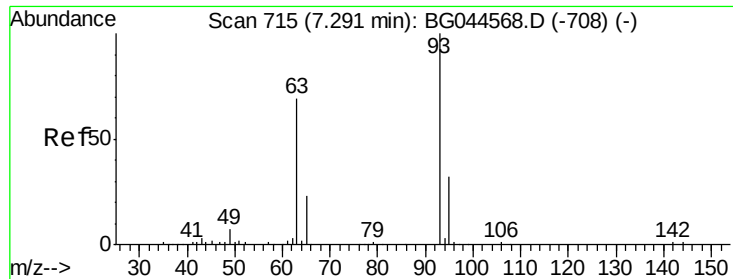
65 27.8 6.4 46.4

66 33.6 13.9 53.9



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

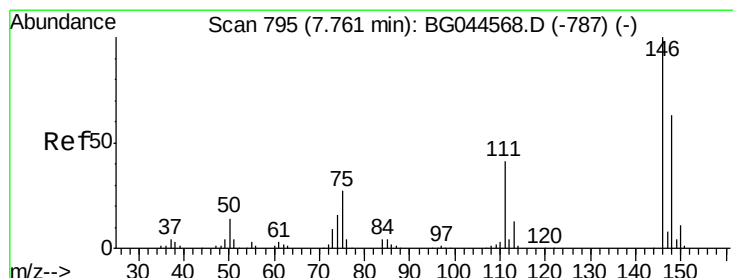
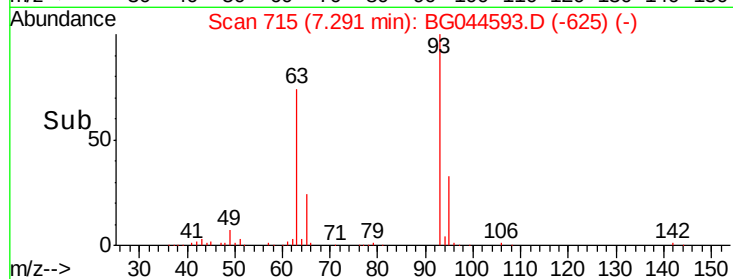
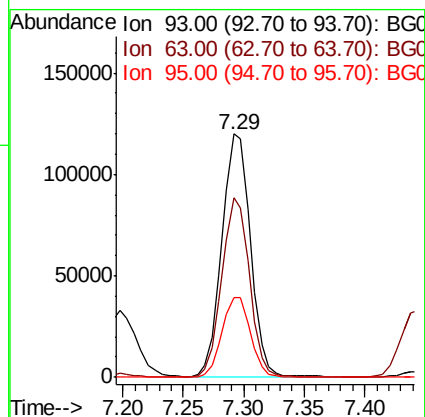
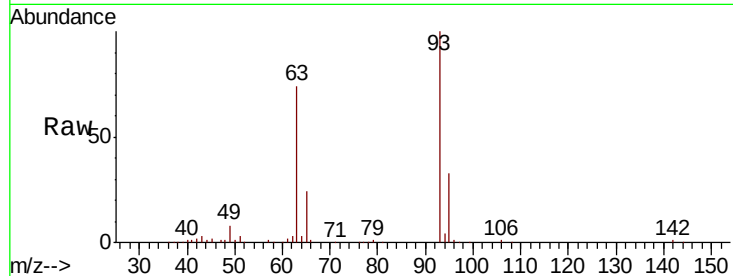




#11
bis(2-Chloroethyl)ether
Concen: 45.874 ng
RT: 7.29 min Scan# 715
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

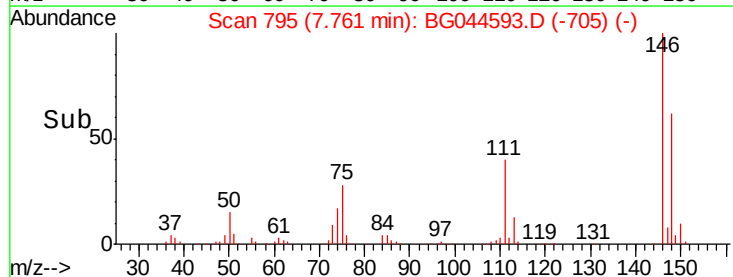
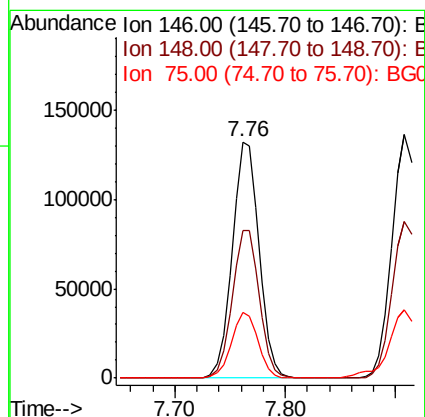
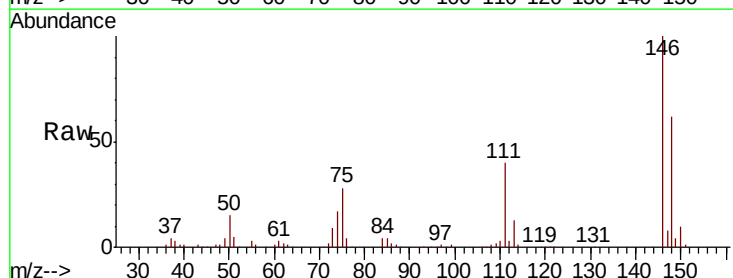
Instrument :
BNA_G
ClientSampleId :

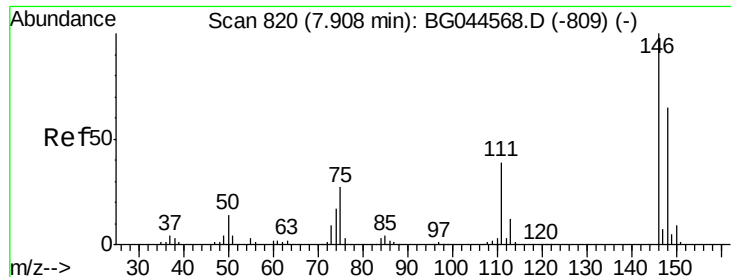
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.7	48.9	88.9
95	32.9	11.3	51.3



#12
1,3-Dichlorobenzene
Concen: 45.235 ng
RT: 7.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.6	75.8
75	28.0	21.4	32.0

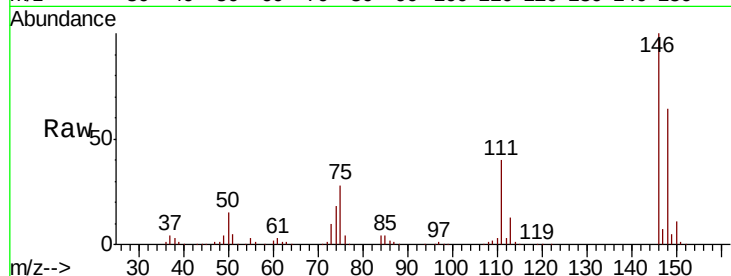




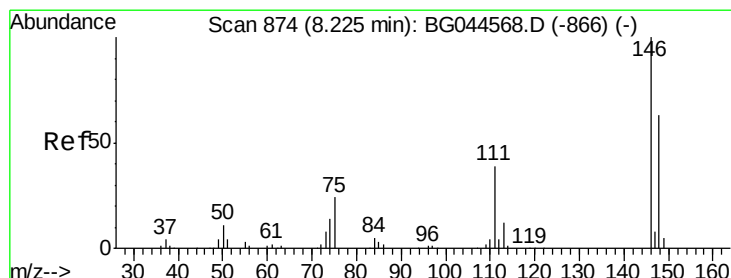
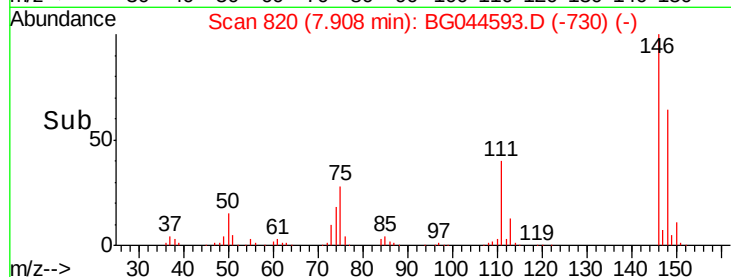
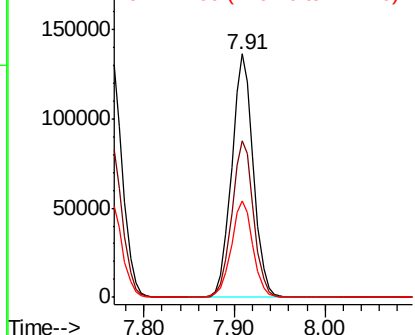
#13
 1,4-Dichlorobenzene
 Concen: 45.284 ng
 RT: 7.91 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BG044593.D
 Acq: 26 Feb 2020 1:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 226102
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.9 77.9
 111 39.7 30.8 46.2

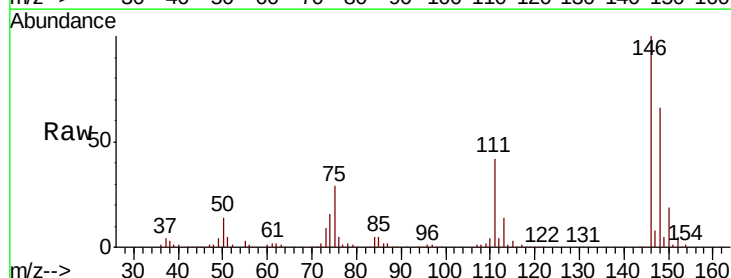


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

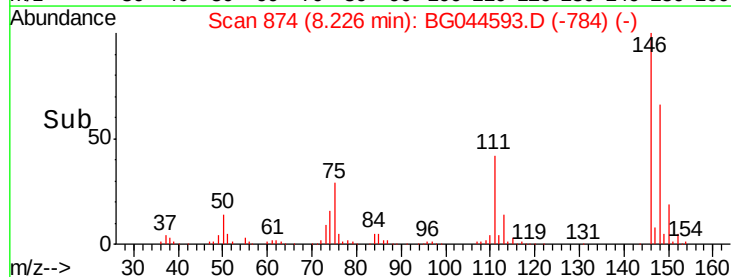
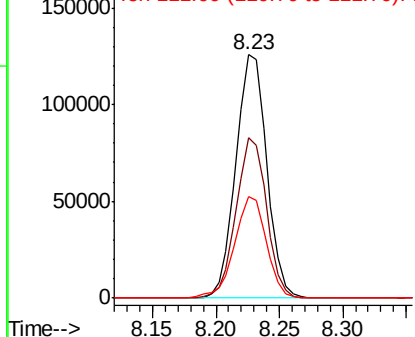


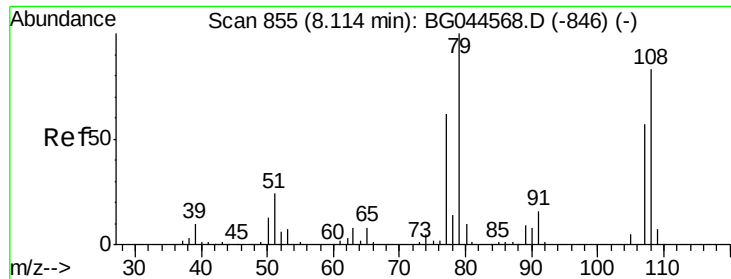
#14
 1,2-Dichlorobenzene
 Concen: 44.788 ng
 RT: 8.23 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BG044593.D
 Acq: 26 Feb 2020 1:52

Tgt Ion:146 Resp: 212664
 Ion Ratio Lower Upper
 146 100
 148 65.9 50.7 76.1
 111 41.8 31.8 47.6



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: 48.661 ng

RT: 8.11 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

Instrument :

BNA_G

ClientSampleId :

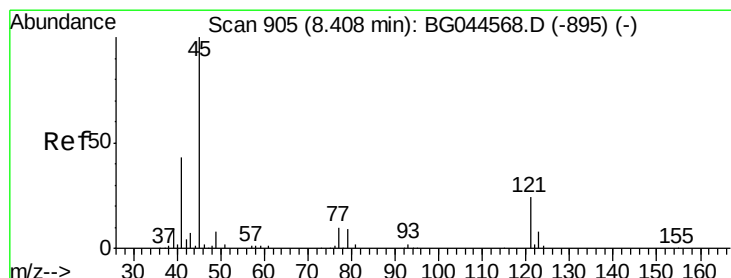
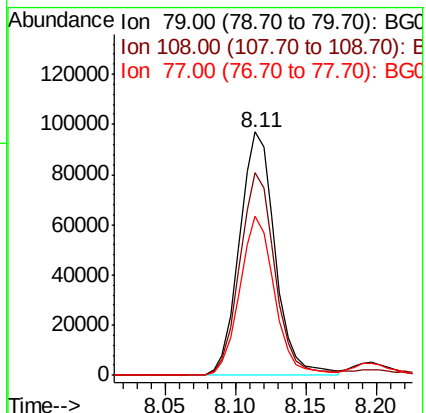
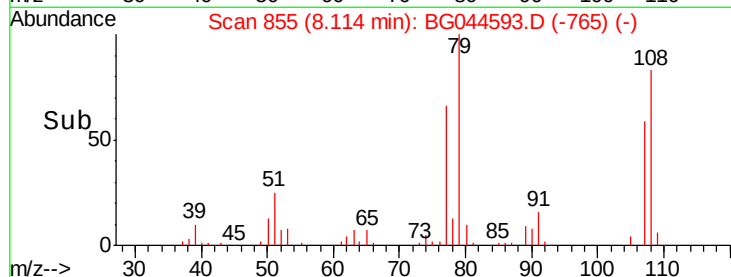
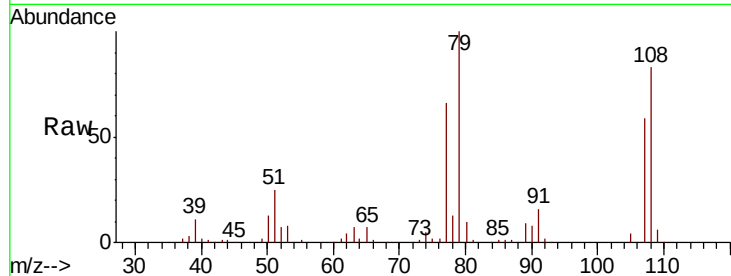
Tot Ion: 79 Resp: 171414

Ion Ratio Lower Upper

79 100

108 83.2 66.0 99.0

77 65.6 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.271 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

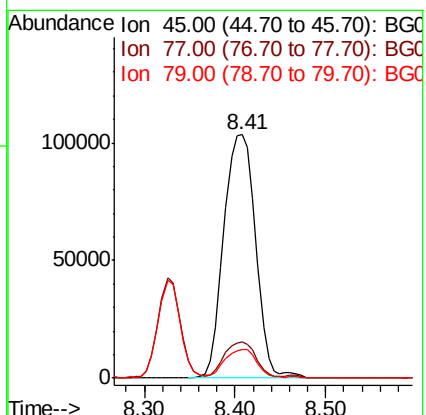
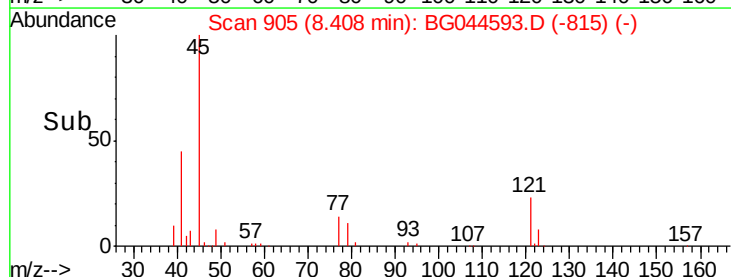
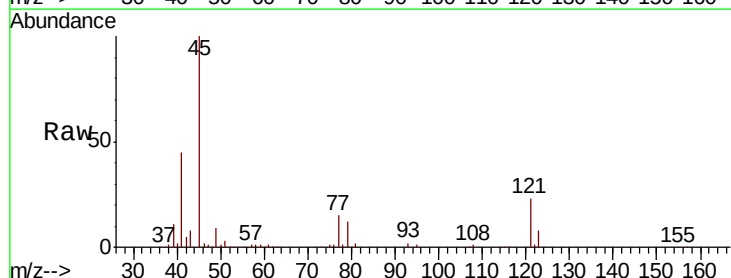
Tgt Ion: 45 Resp: 253172

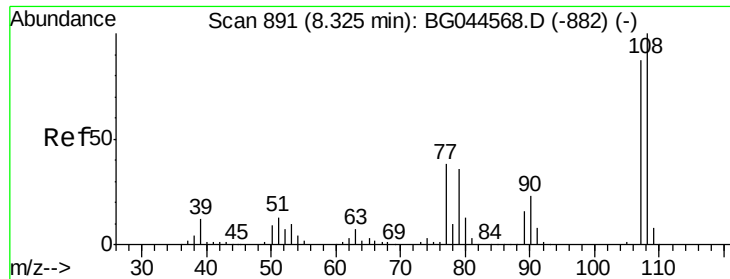
Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.4

79 11.8 0.0 32.3





#17

2-Methylphenol

Concen: 47.527 ng

RT: 8.33 min Scan# 891

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 171856

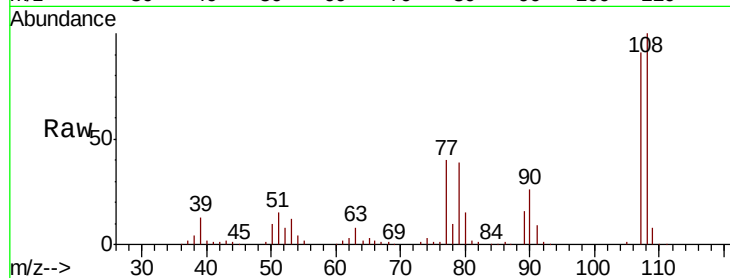
Ion Ratio Lower Upper

107 100

108 109.7 91.7 137.5

77 43.8 35.1 52.7

79 43.0 33.2 49.8

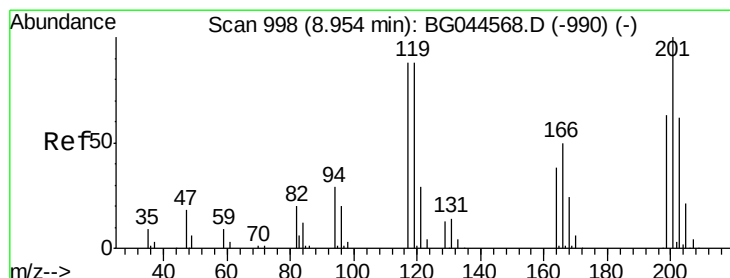
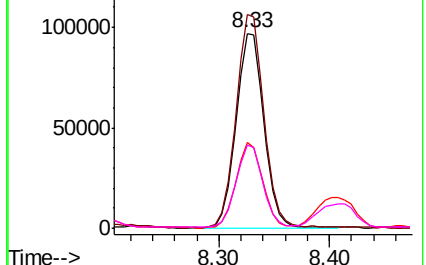
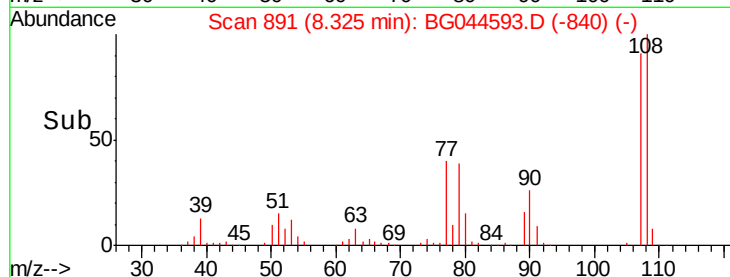


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 44.337 ng

RT: 8.95 min Scan# 998

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

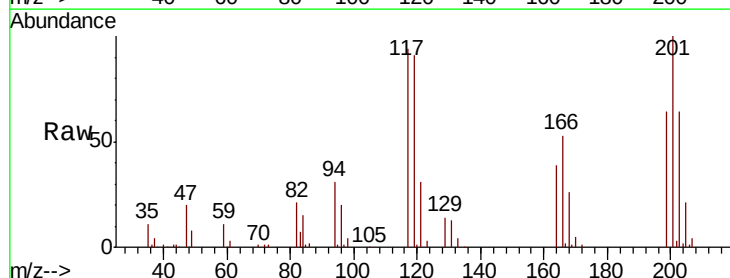
Tgt Ion:117 Resp: 80902

Ion Ratio Lower Upper

117 100

119 97.2 80.0 120.0

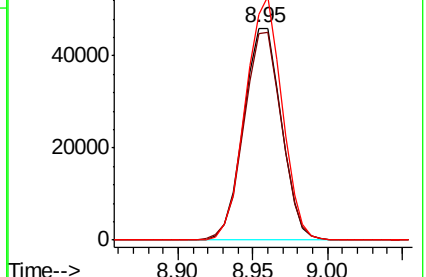
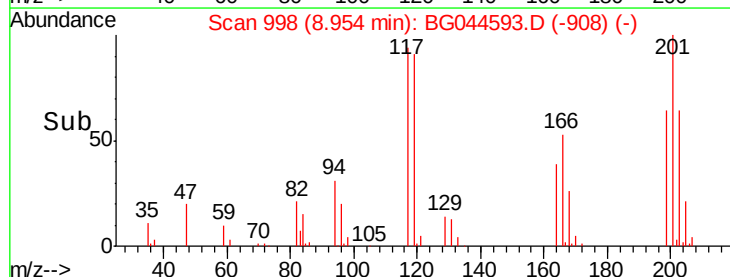
201 106.5 90.5 135.7

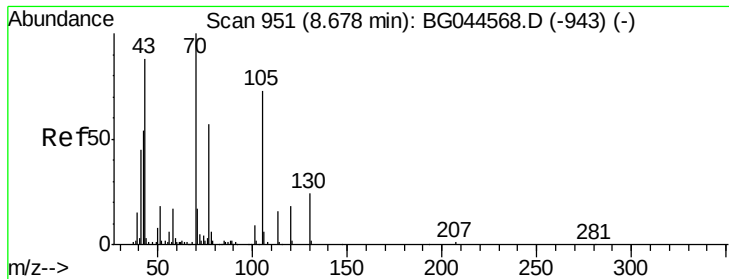


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

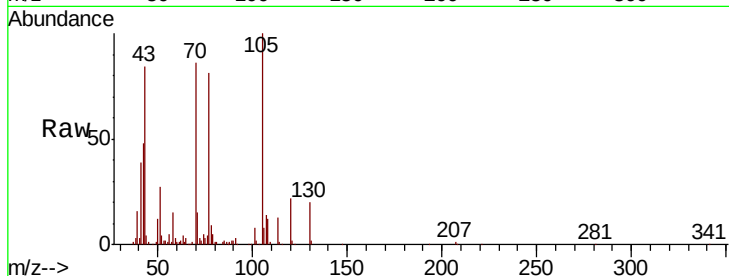




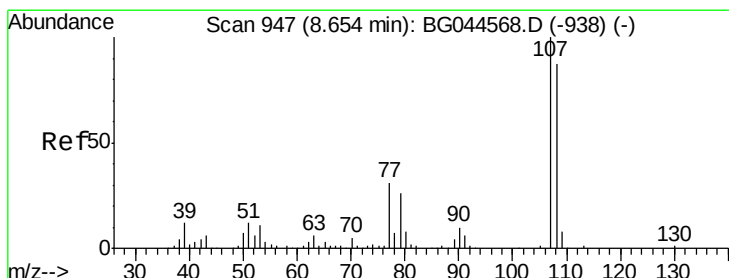
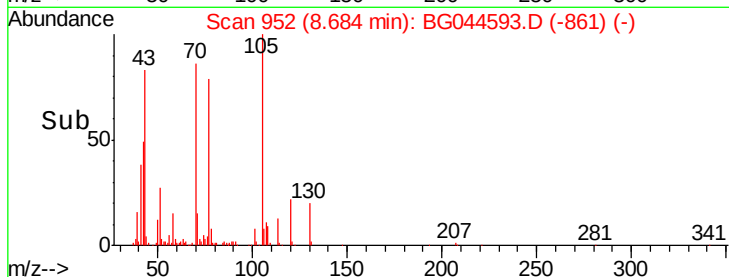
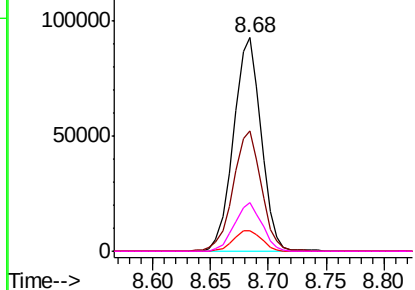
#19
n-Nitroso-di-n-propylamine
Concen: 45.633 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.01 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	153207
Ion	Ratio	Lower	Upper
70	100		
42	56.4	43.4	65.0
101	9.6	7.5	11.3
130	22.9	18.9	28.3

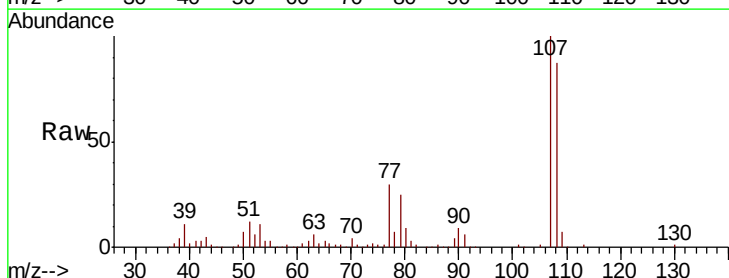


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

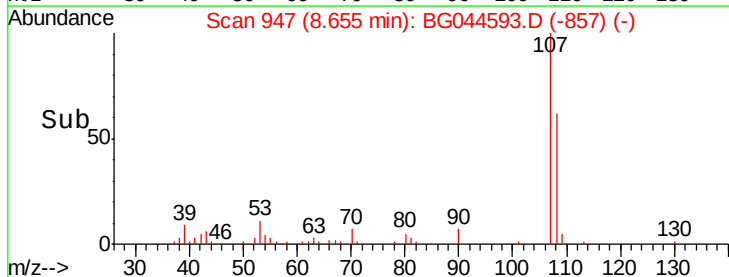
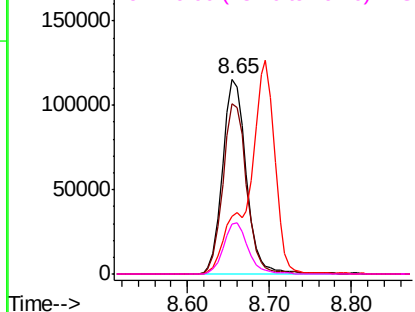


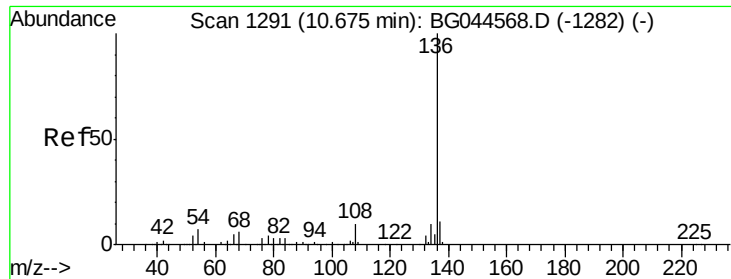
#20
3+4-Methylphenols
Concen: 47.047 ng
RT: 8.65 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Tgt Ion:	107	Resp:	232910
Ion	Ratio	Lower	Upper
107	100		
108	87.1	67.5	107.5
77	29.7	11.3	51.3
79	25.4	6.4	46.4



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

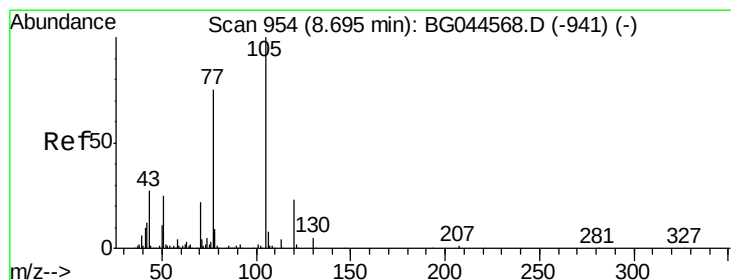
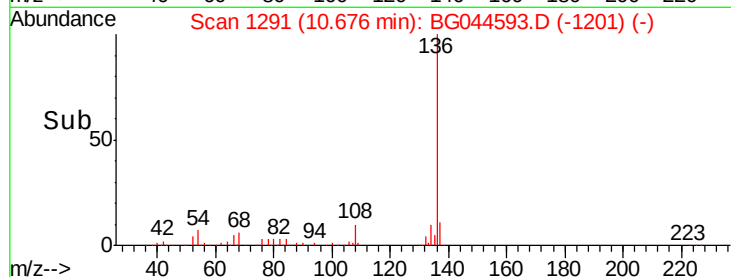
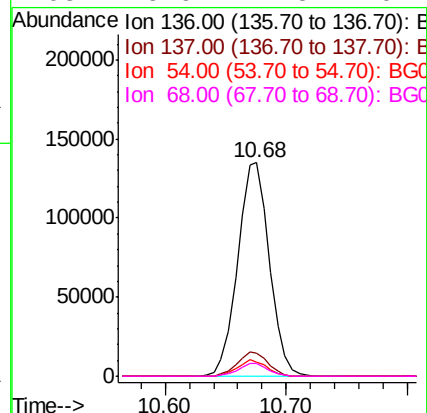
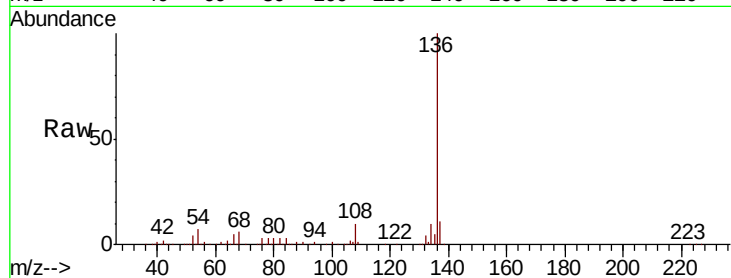




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

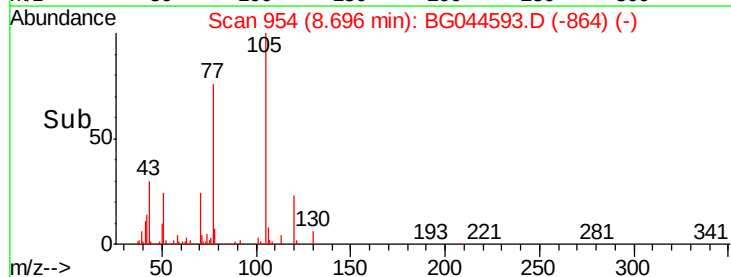
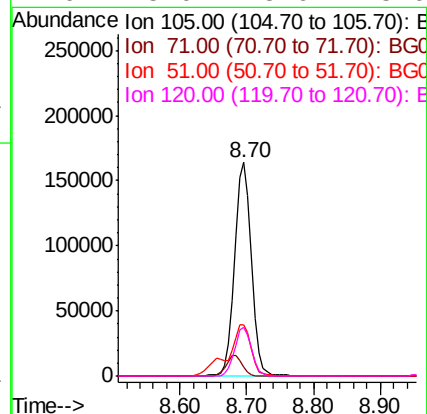
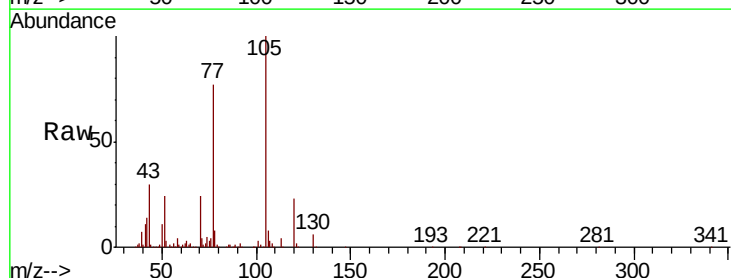
Instrument :
BNA_G
ClientSampleId :

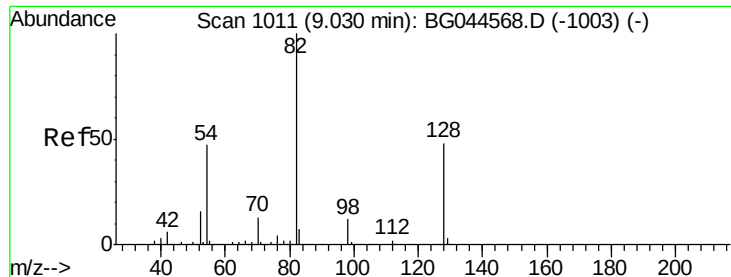
Tot Ion:	136	Resp:	245695
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.9	5.7	8.5
68	5.9	4.5	6.7



#22
Acetophenone
Concen: 47.371 ng
RT: 8.70 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Tgt Ion:	105	Resp:	292210
Ion	Ratio	Lower	Upper
105	100		
71	4.0	2.8	4.2
51	24.1	19.9	29.9
120	23.0	18.6	28.0

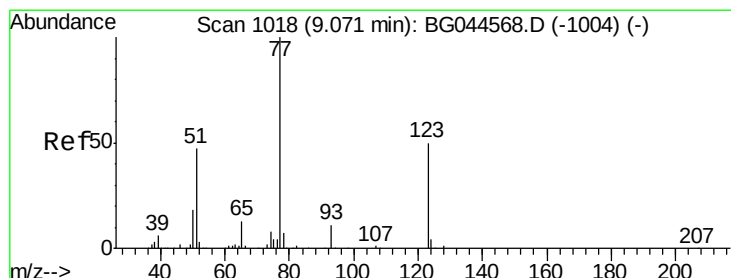
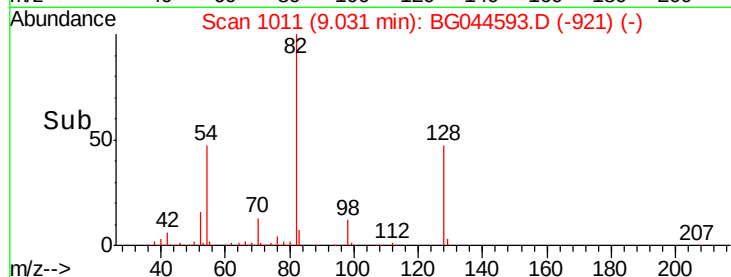
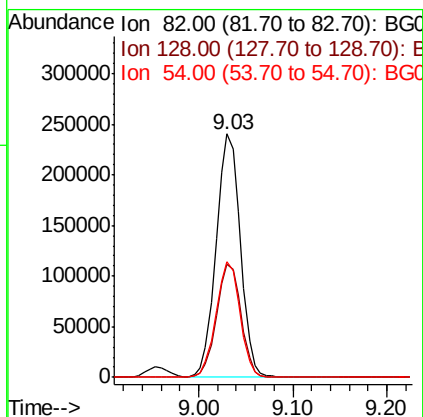
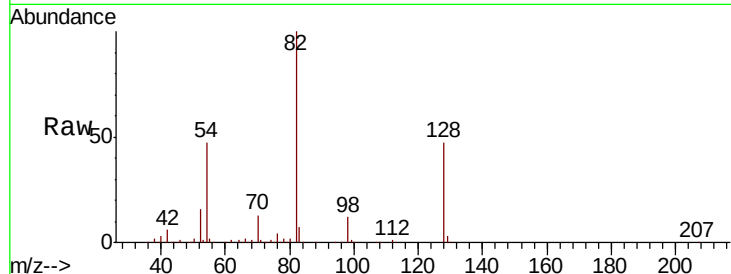




#23
 Nitrobenzene-d5
 Concen: 91.099 ng
 RT: 9.03 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BG044593.D
 Acq: 26 Feb 2020 1:52

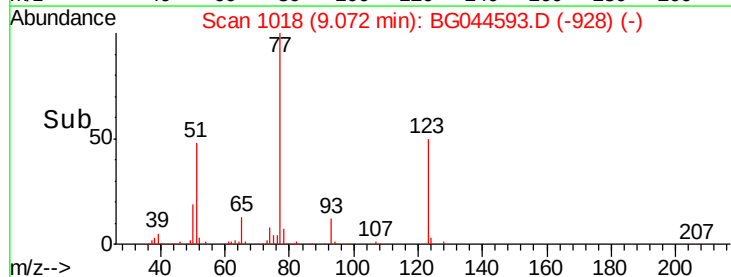
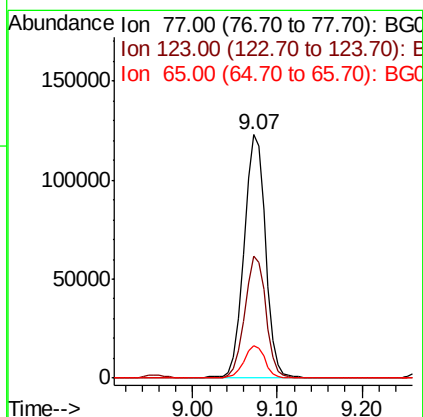
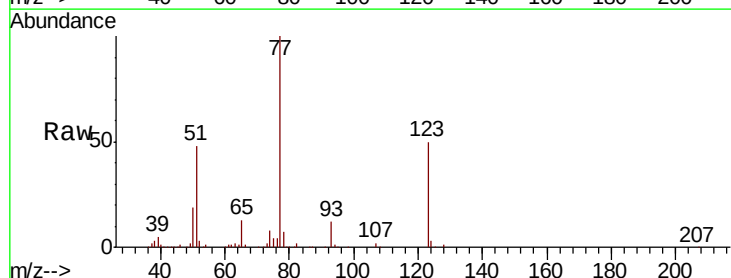
Instrument :
 BNA_G
 ClientSampleId :

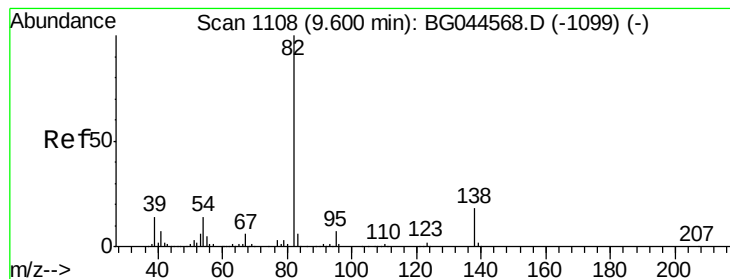
Tot Ion	82	Resp	434456
Ion Ratio	Lower	Upper	
82	100		
128	46.5	38.1	57.1
54	47.2	37.5	56.3



#24
 Nitrobenzene
 Concen: 47.069 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BG044593.D
 Acq: 26 Feb 2020 1:52

Tgt Ion	77	Resp	217476
Ion Ratio	Lower	Upper	
77	100		
123	49.9	40.1	60.1
65	13.4	10.4	15.6





#25

Isophorone

Concen: 47.483 ng

RT: 9.60 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

Instrument :

BNA_G

ClientSampleId :

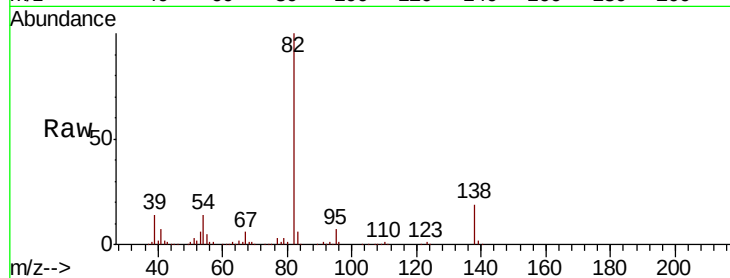
Tot Ion: 82 Resp: 423628

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

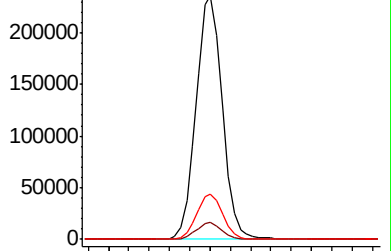
138 18.8 14.7 22.1



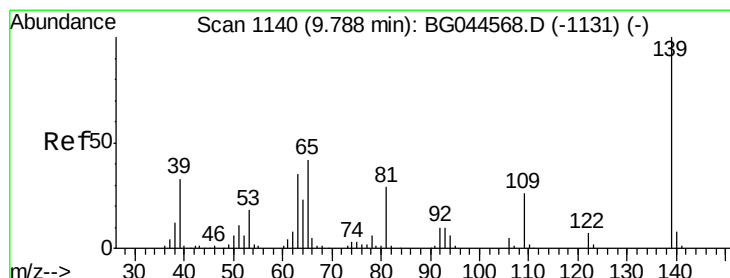
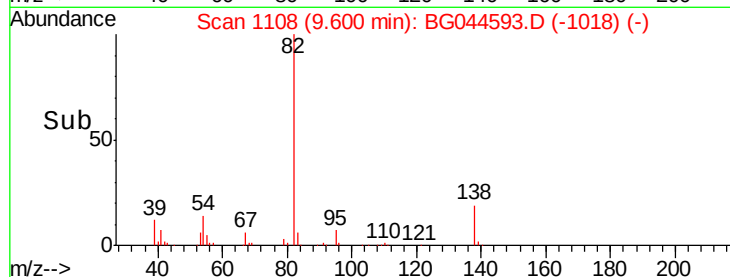
Abundance Ion 82.00 (81.70 to 82.70): BG044568.D (-1099) (-)

Ion 95.00 (94.70 to 95.70): BG044568.D (-1099) (-)

Ion 138.00 (137.70 to 138.70): BG044568.D (-1099) (-)



Time-->



#26

2-Nitrophenol

Concen: 47.891 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

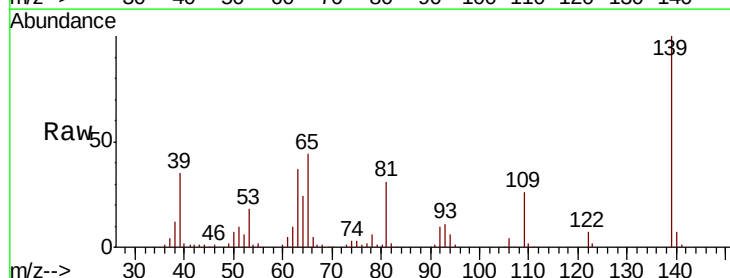
Tgt Ion: 139 Resp: 120003

Ion Ratio Lower Upper

139 100

109 26.3 20.6 31.0

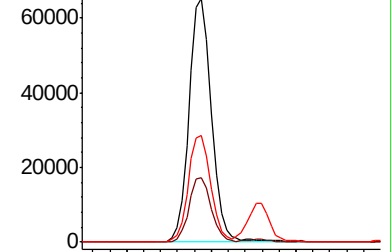
65 43.8 33.3 49.9



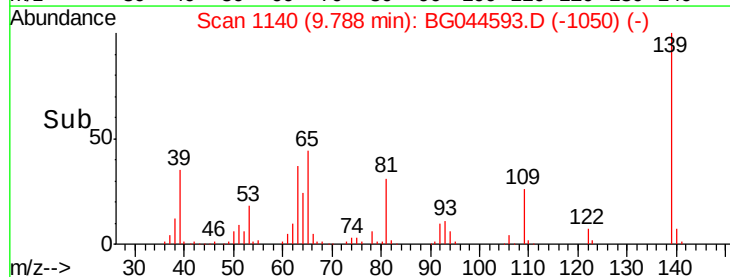
Abundance Ion 139.00 (138.70 to 139.70): BG044568.D (-1131) (-)

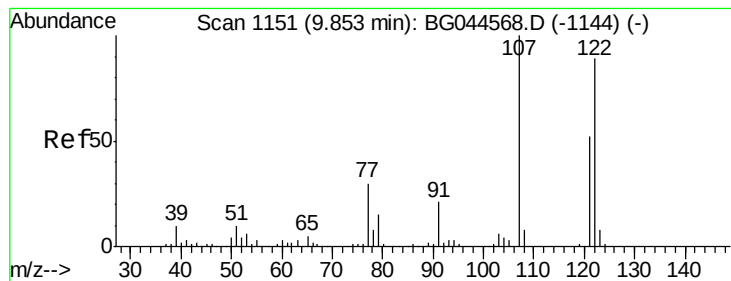
Ion 109.00 (108.70 to 109.70): BG044568.D (-1131) (-)

Ion 65.00 (64.70 to 65.70): BG044568.D (-1131) (-)



Time-->





#27

2,4-Dimethylphenol

Concen: 54.535 ng

RT: 9.85 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

Instrument :

BNA_G

ClientSampleId :

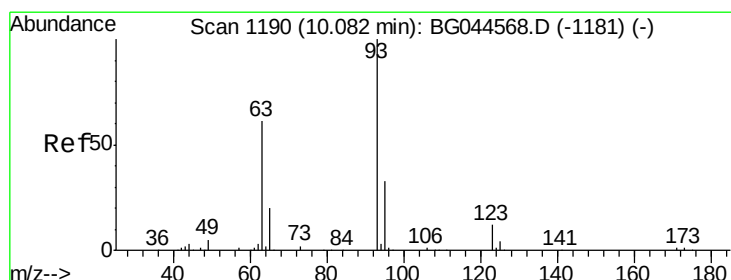
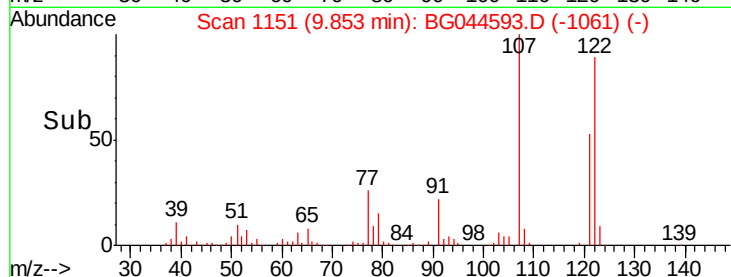
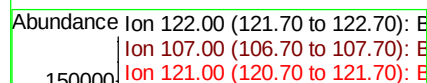
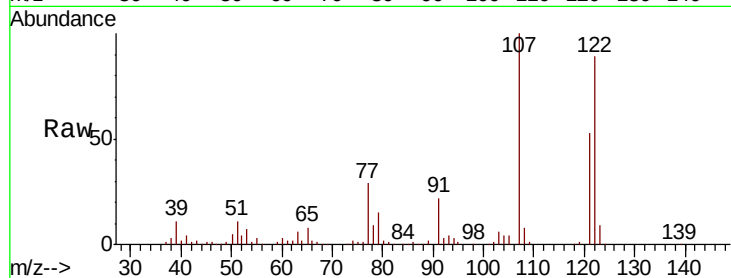
Tot Ion:122 Resp: 191868

Ion Ratio Lower Upper

122 100

107 112.3 89.4 134.0

121 60.0 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 45.028 ng

RT: 10.08 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

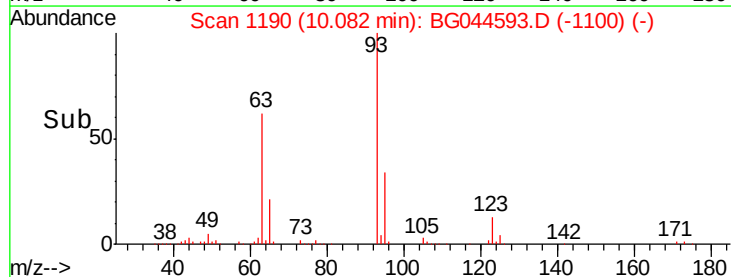
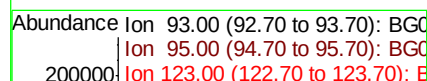
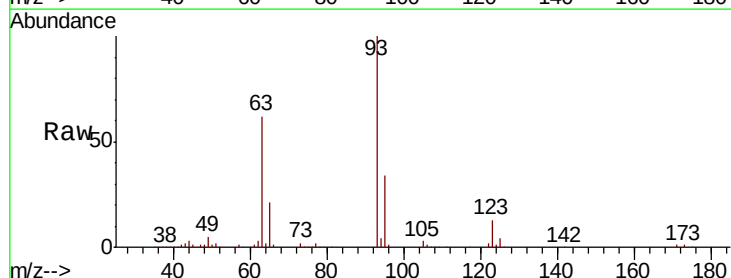
Tgt Ion: 93 Resp: 265659

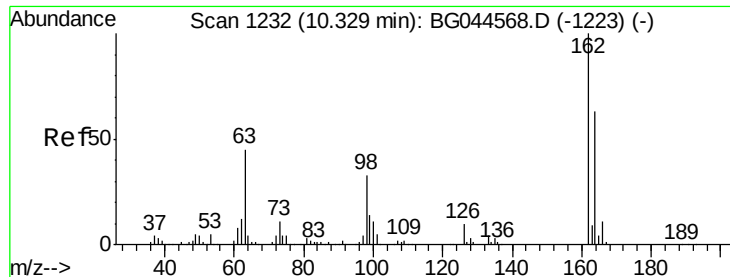
Ion Ratio Lower Upper

93 100

95 34.1 26.5 39.7

123 12.9 9.7 14.5

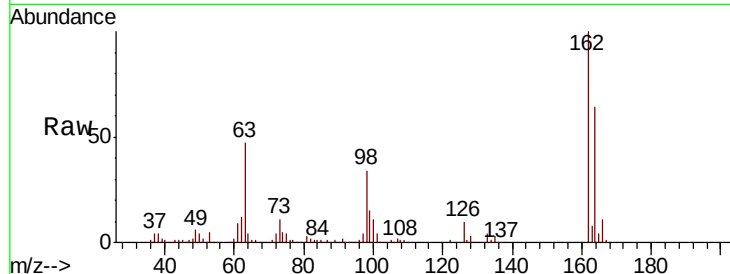




#29
 2,4-Dichlorophenol
 Concen: 49.379 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BG044593.D
 Acq: 26 Feb 2020 1:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.2	83.2
98	34.4	13.2	53.2

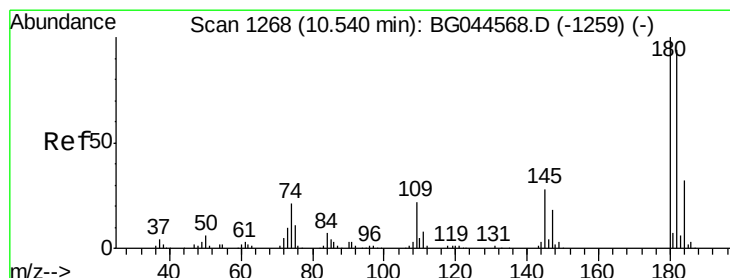
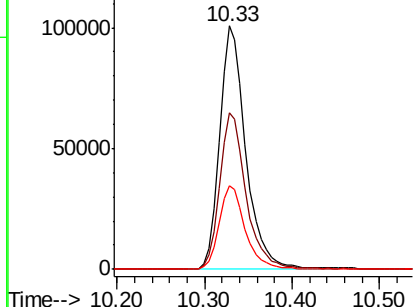
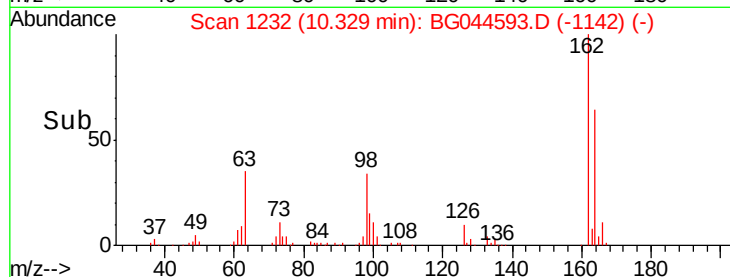


Abundance

Ion 162.00 (161.70 to 162.70): E

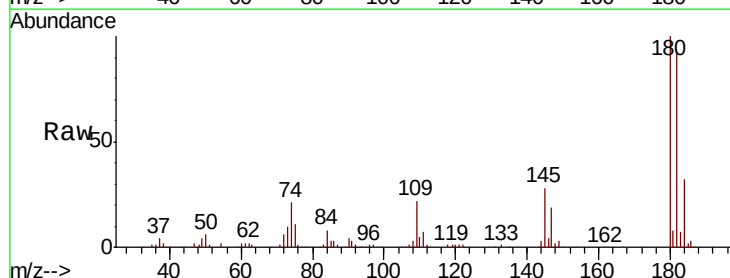
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 44.204 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BG044593.D
 Acq: 26 Feb 2020 1:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	75.6	113.4
145	27.8	22.2	33.2

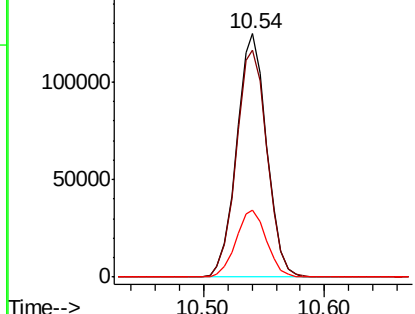
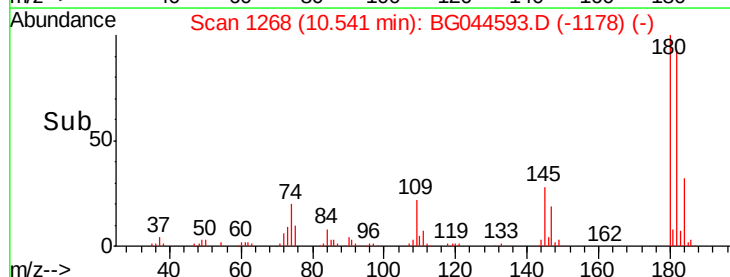


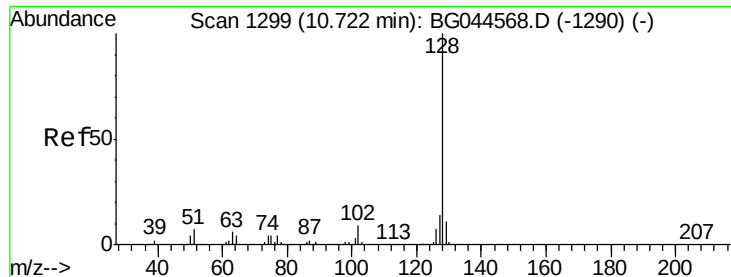
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

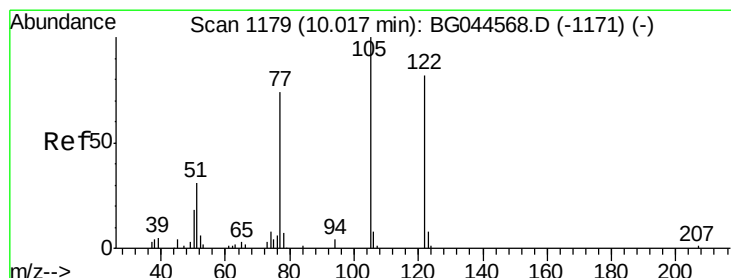
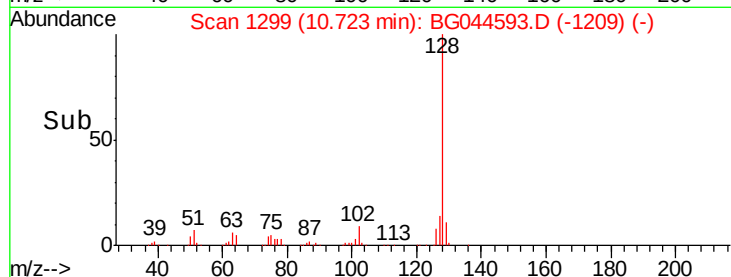
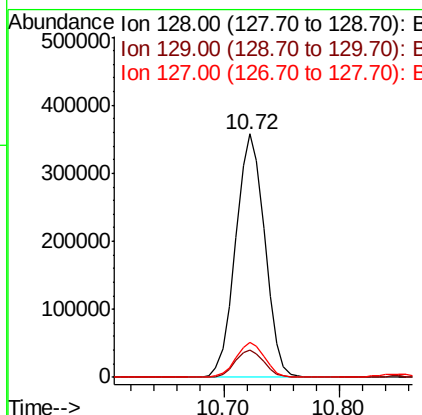
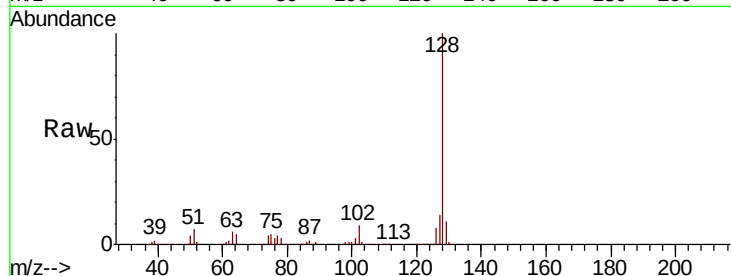




#31
Naphthalene
Concen: 46.499 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

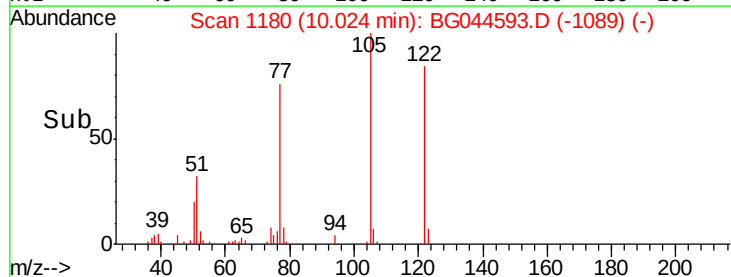
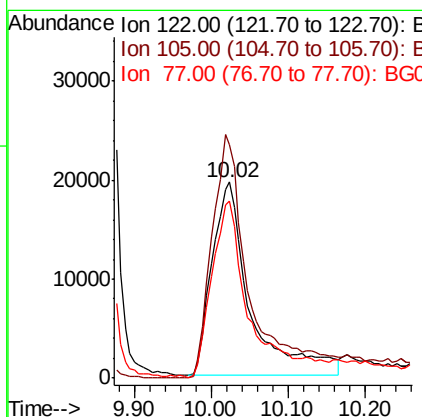
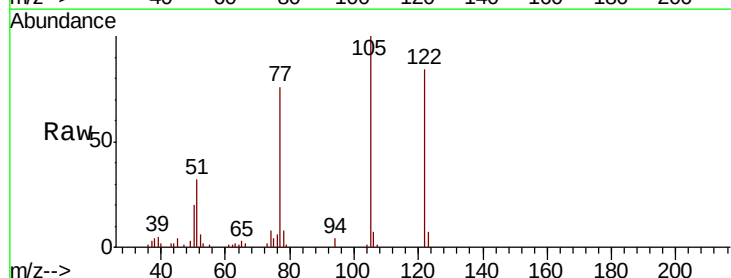
Instrument :
BNA_G
ClientSampled :

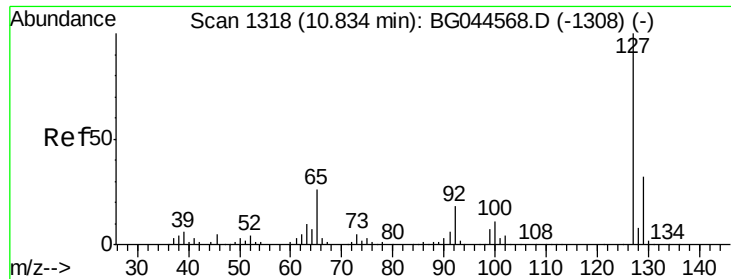
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	14.3	11.0	16.4



#32
Benzoic acid
Concen: 49.849 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.3	101.4	141.4
77	90.8	69.8	109.8

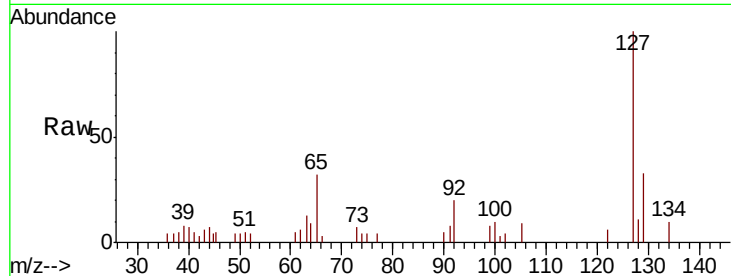




#33
4-Chloroaniline
Concen: 1.989 ng
RT: 10.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	11742
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	31.9	20.7	31.1#
92	19.6	14.2	21.2



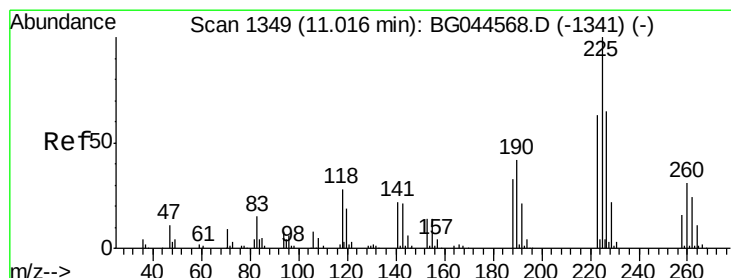
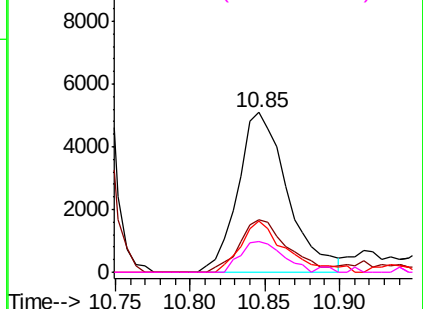
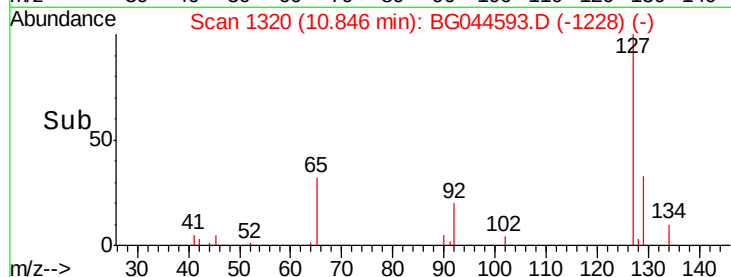
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

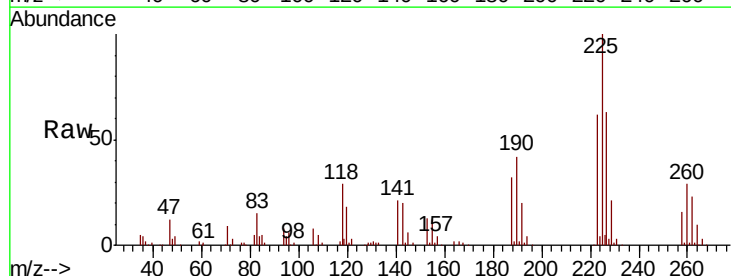
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 43.117 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Tgt Ion:	225	Resp:	131722
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.6	76.0
227	63.0	52.1	78.1

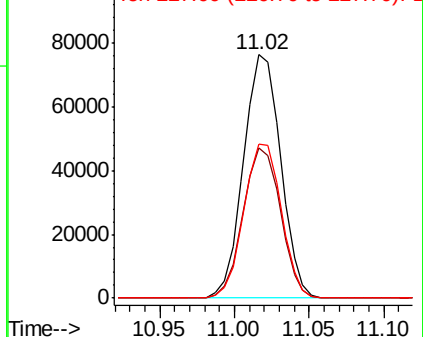
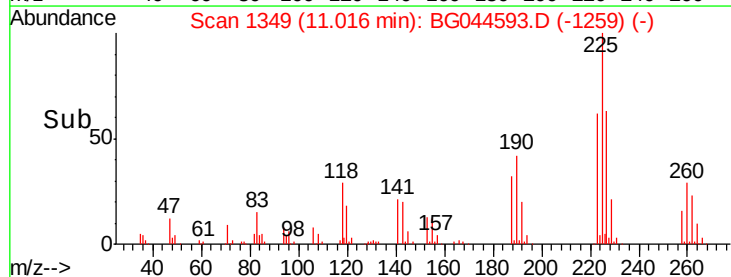


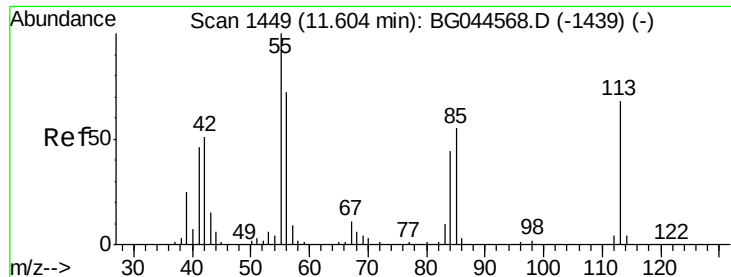
Abundance

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: 21.288 ng

RT: 11.61 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

Instrument :

BNA_G

ClientSampleId :

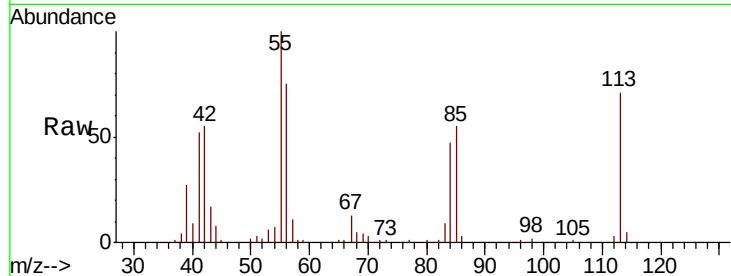
Tot Ion:113 Resp: 32056

Ion Ratio Lower Upper

113 100

55 141.6 127.8 167.8

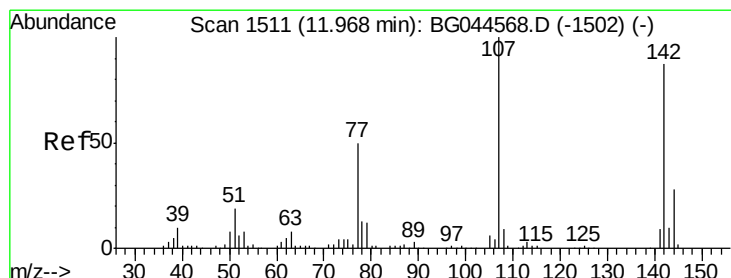
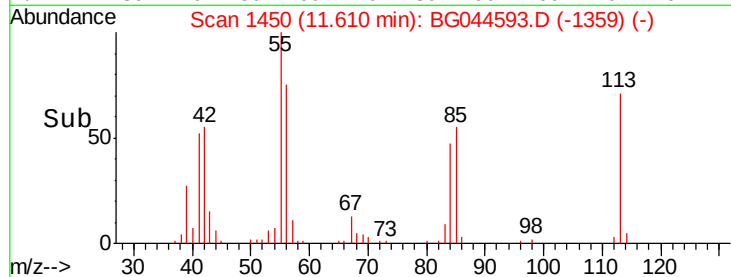
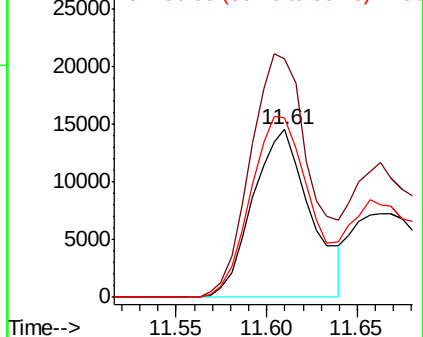
56 106.8 86.9 126.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 50.910 ng

RT: 11.97 min Scan# 1512

Delta R.T. 0.01 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

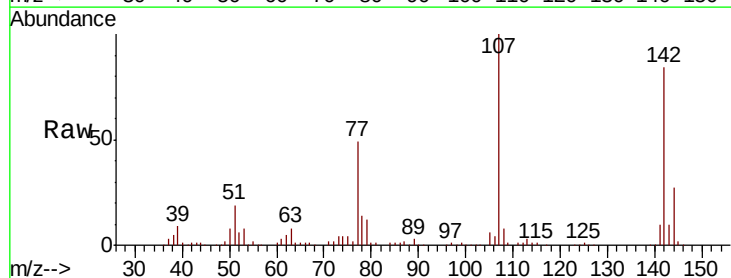
Tgt Ion:107 Resp: 220427

Ion Ratio Lower Upper

107 100

144 26.9 22.3 33.5

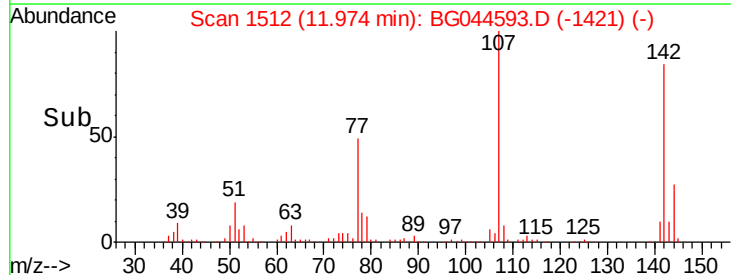
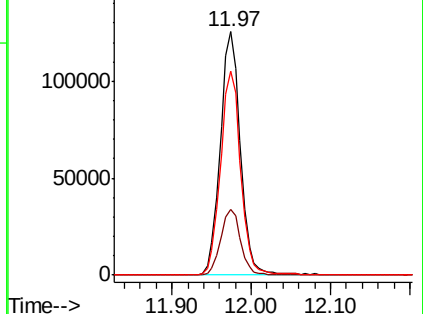
142 84.0 69.3 103.9

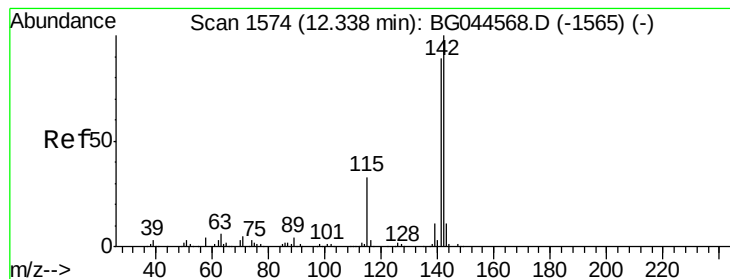


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.729 ng

RT: 12.34 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

Instrument :

BNA_G

ClientSampleId :

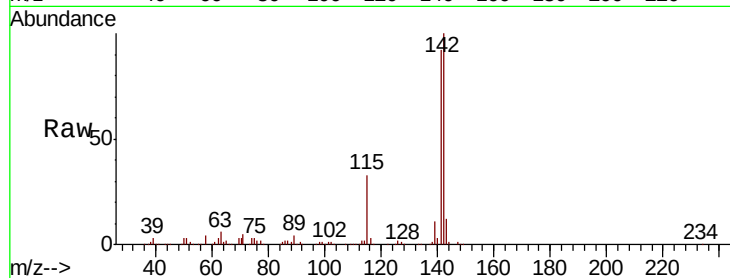
Tot Ion:142 Resp: 463002

Ion Ratio Lower Upper

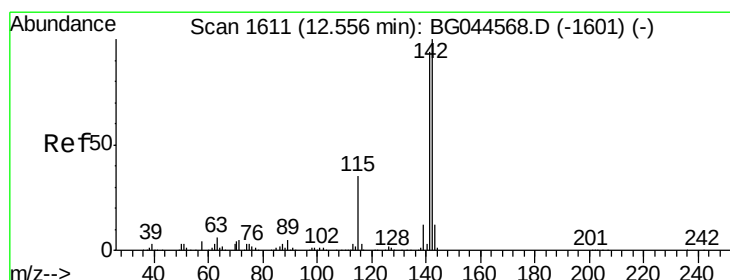
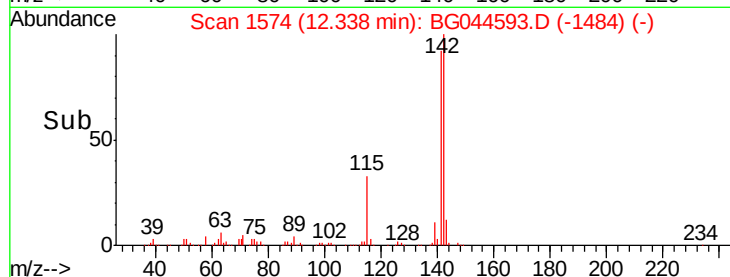
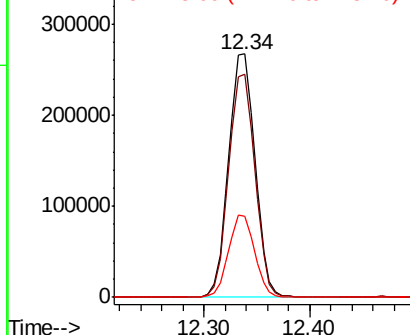
142 100

141 91.6 71.3 106.9

115 33.2 26.2 39.2



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



#38

1-Methylnaphthalene

Concen: 46.840 ng

RT: 12.56 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

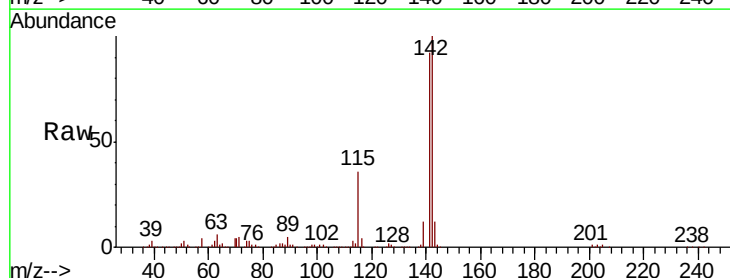
Tgt Ion:142 Resp: 440990

Ion Ratio Lower Upper

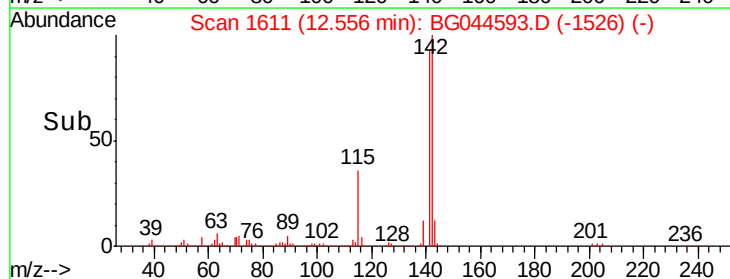
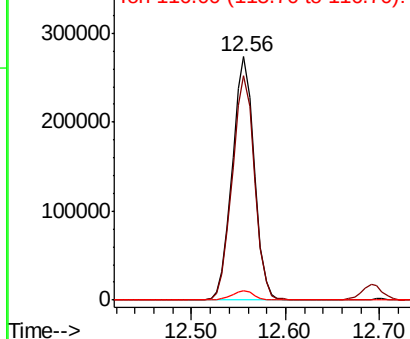
142 100

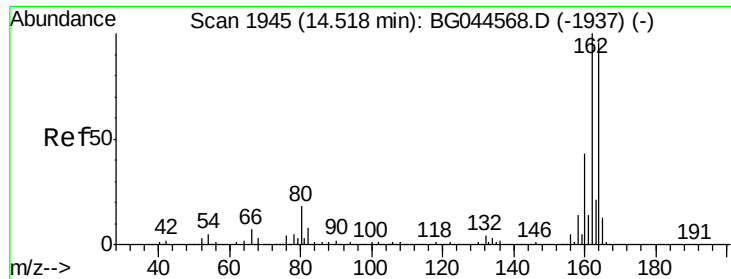
141 92.4 75.1 112.7

116 3.7 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

Instrument :

BNA_G

ClientSampled :

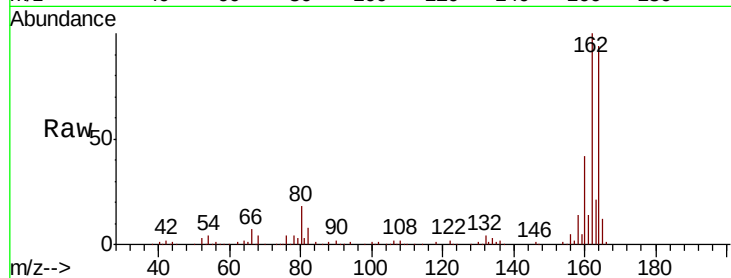
Tot Ion:164 Resp: 163337

Ion Ratio Lower Upper

164 100

162 106.0 83.6 125.4

160 44.1 36.2 54.4

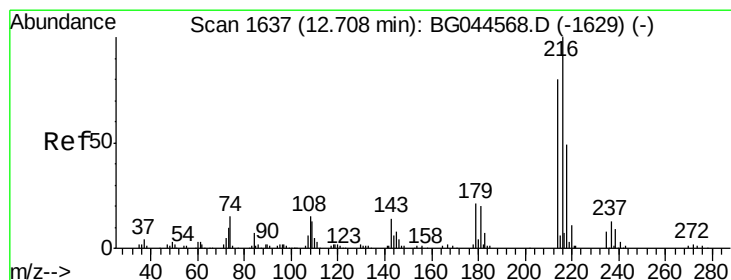
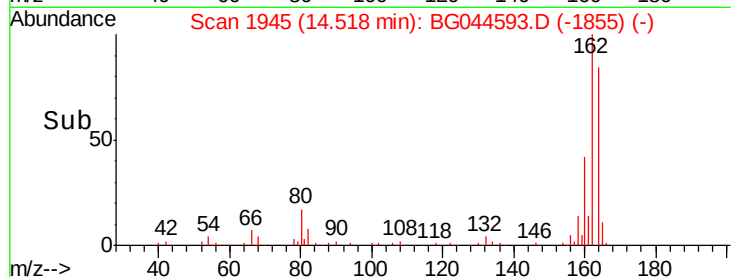
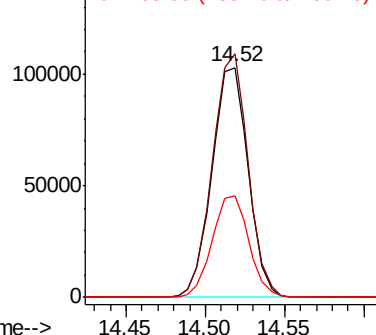


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.049 ng

RT: 12.71 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

Tgt Ion:216 Resp: 236719

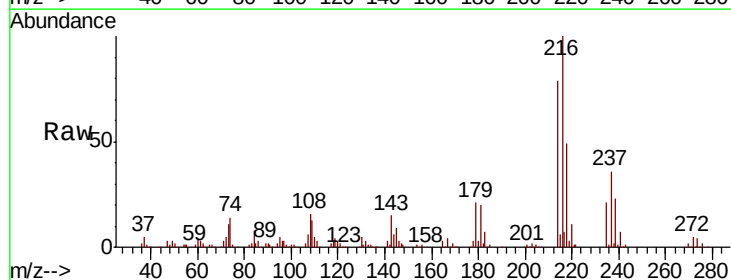
Ion Ratio Lower Upper

216 100

214 78.9 63.3 94.9

179 20.4 16.2 24.2

108 18.1 12.6 18.8



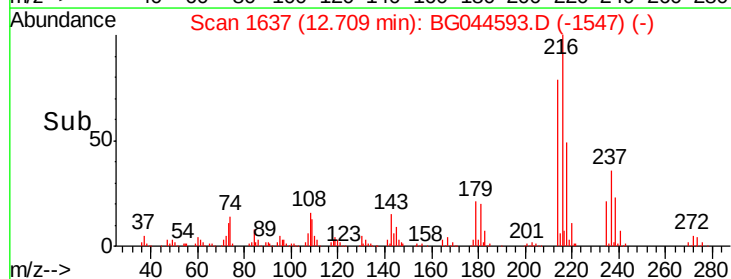
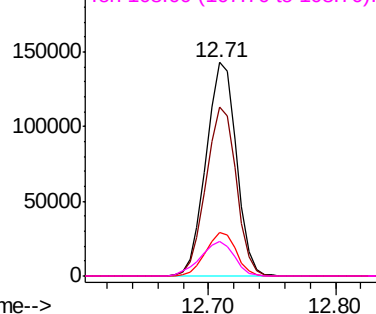
Abundance

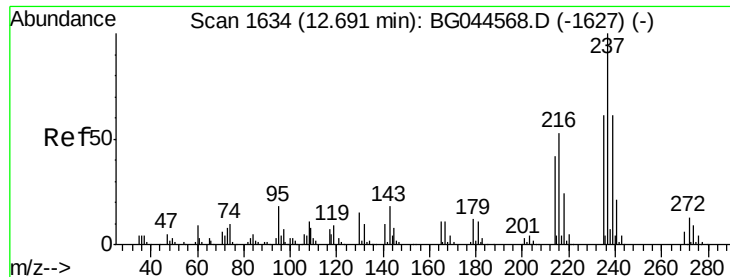
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 92.187 ng

RT: 12.69 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

Instrument :

BNA_G

ClientSampleId :

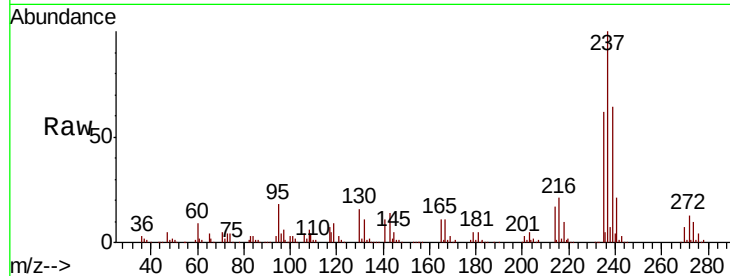
Tot Ion:237 Resp: 245453

Ion Ratio Lower Upper

237 100

235 61.8 40.7 80.7

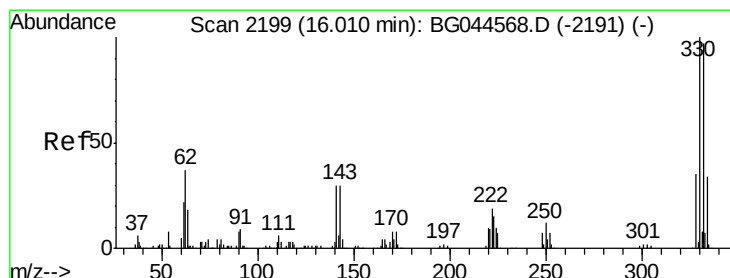
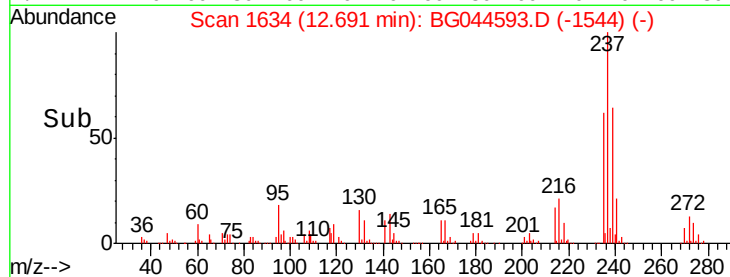
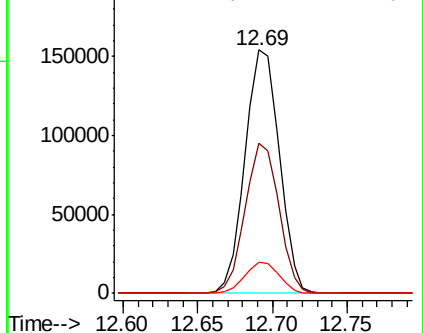
272 12.7 0.0 32.7



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: 138.937 ng

RT: 16.01 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

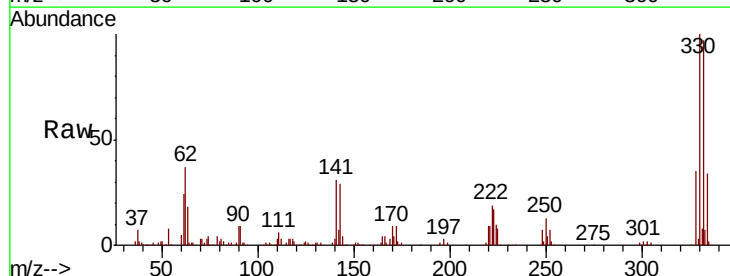
Tgt Ion:330 Resp: 321777

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

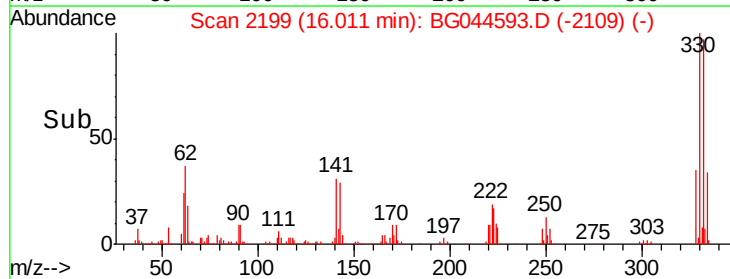
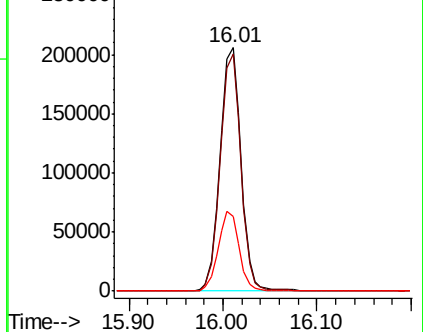
141 32.6 26.1 39.1

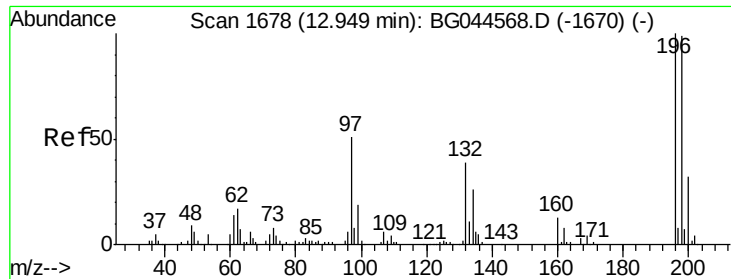


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

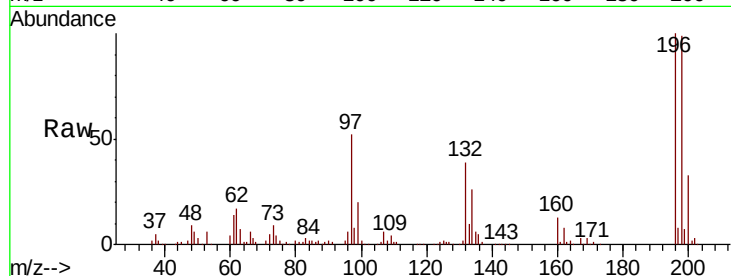




#43
 2,4,6-Trichlorophenol
 Concen: 47.459 ng
 RT: 12.95 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BG044593.D
 Acq: 26 Feb 2020 1:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	169445
Ion Ratio	Lower	Upper	
196	100		
198	99.4	79.2	118.8
200	32.5	25.7	38.5

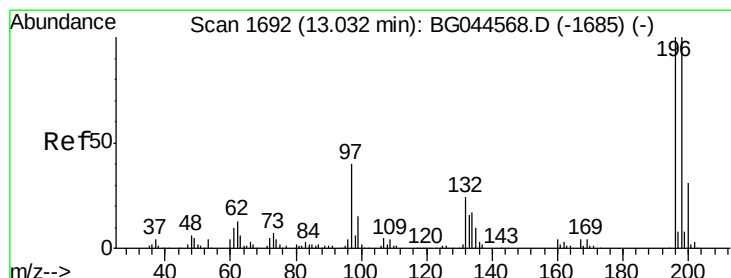
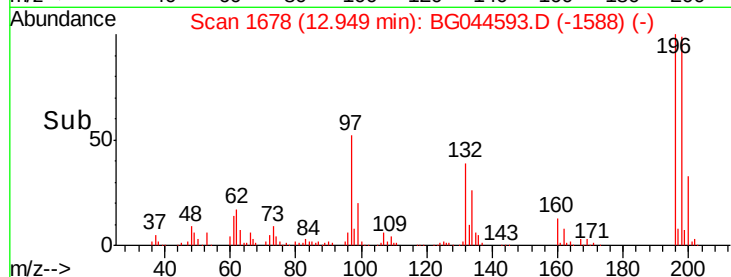
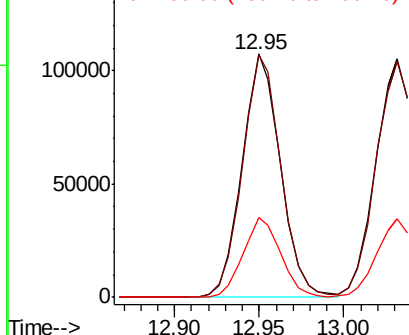


Abundance

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: 50.459 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG044593.D
 Acq: 26 Feb 2020 1:52

Tgt Ion	196	Resp	185068
Ion Ratio	Lower	Upper	
196	100		
198	98.8	79.3	118.9
97	45.5	32.3	48.5
132	24.2	19.1	28.7

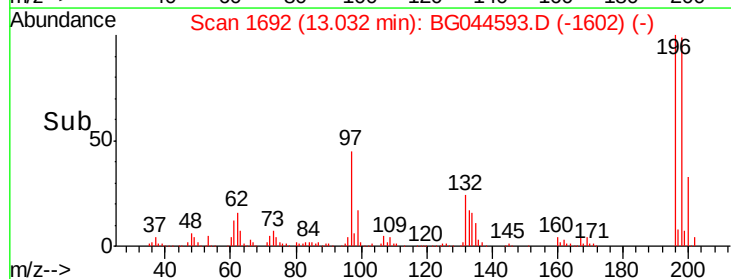
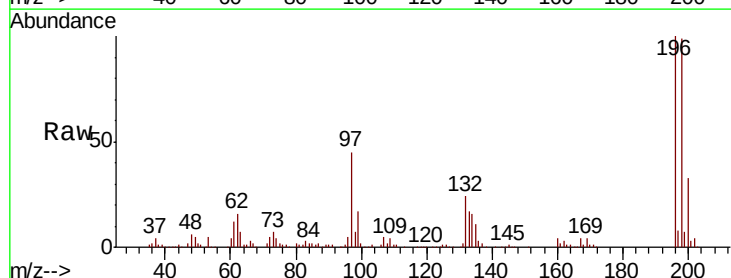
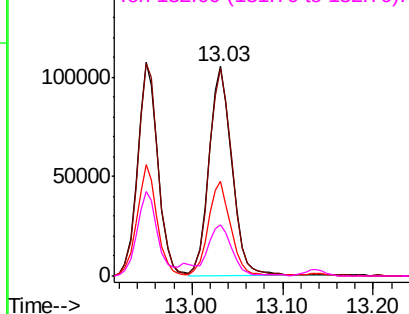
Abundance

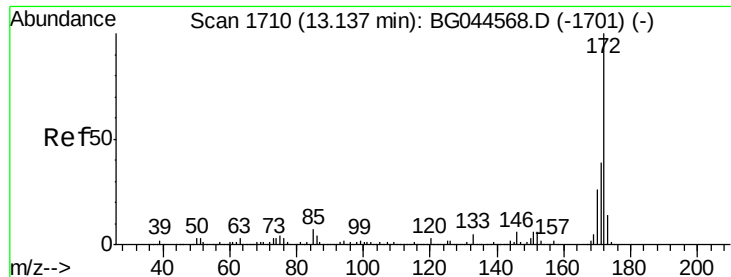
Ion 196.00 (195.70 to 196.70): E

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

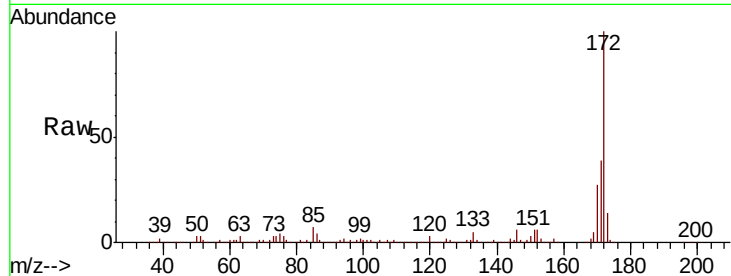




#45
2-Fluorobiphenyl
Concen: 86.615 ng
RT: 13.14 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.3	46.9
170	26.5	21.0	31.4

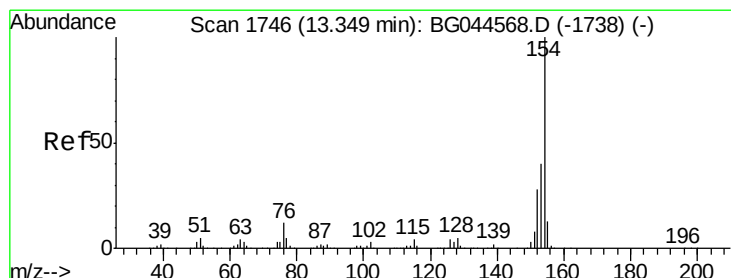
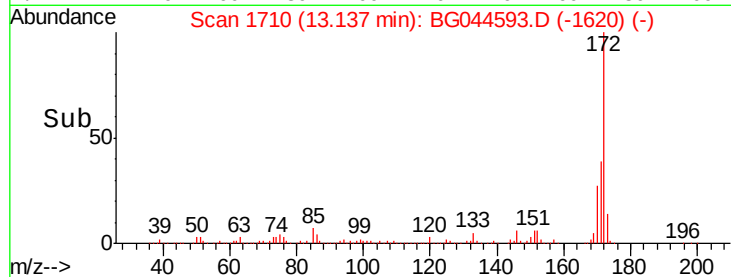
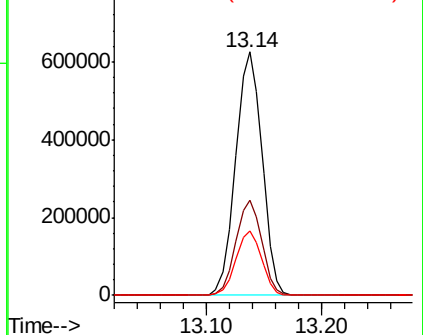


Abundance

Ion 172.00 (171.70 to 172.70): E

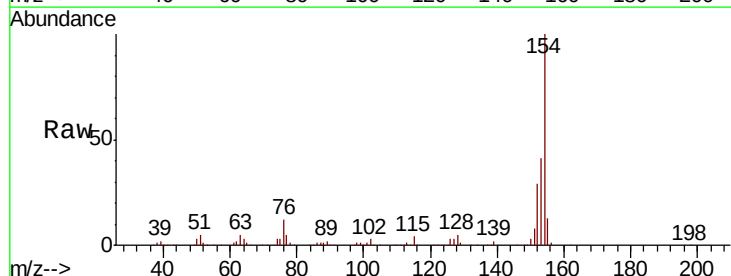
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.052 ng
RT: 13.35 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.2	60.2
76	11.8	0.0	31.8

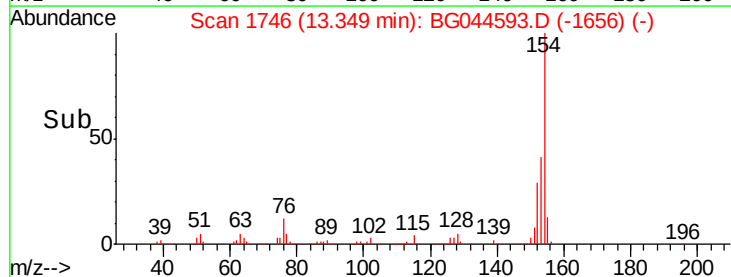
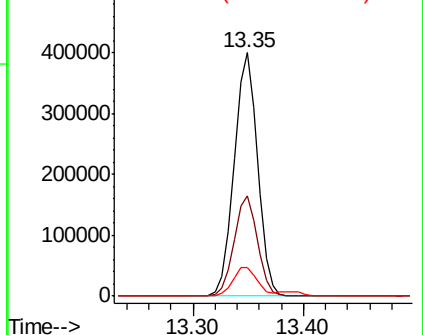


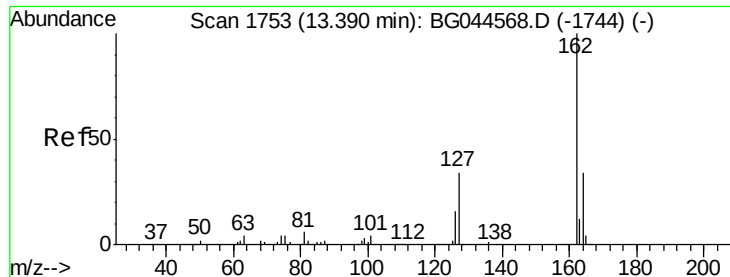
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

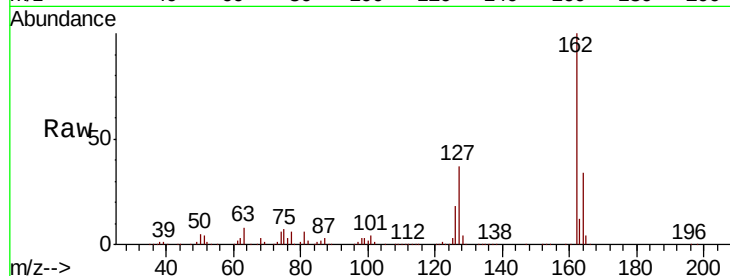




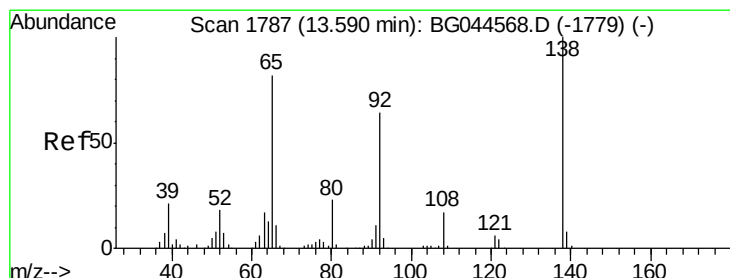
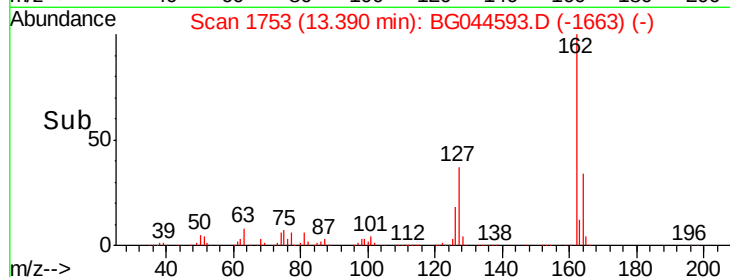
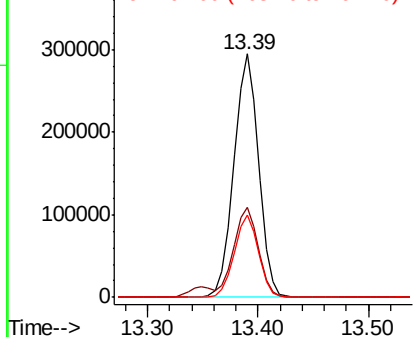
#47
2-Chloronaphthalene
Concen: 43.640 ng
RT: 13.39 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	28.7	43.1
164	33.7	27.3	40.9

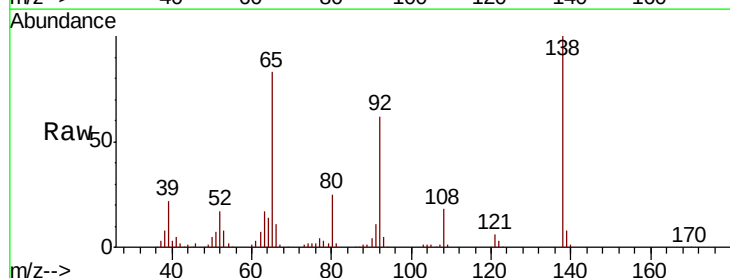


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

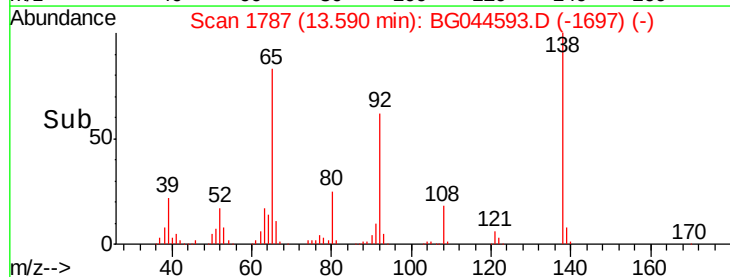
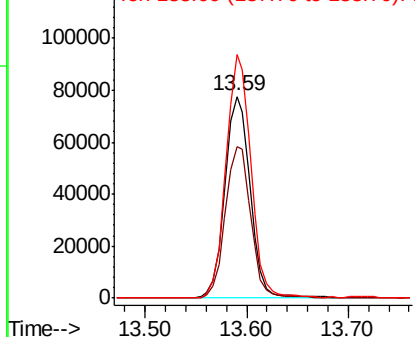


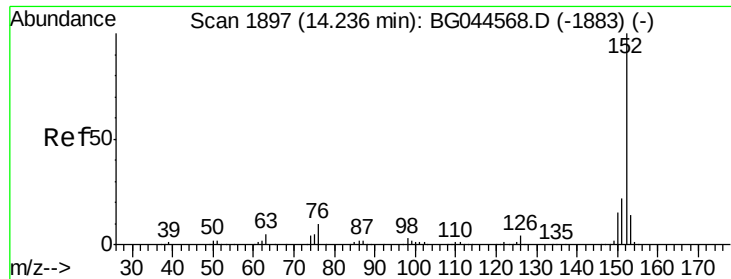
#48
2-Nitroaniline
Concen: 45.808 ng
RT: 13.59 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.0	62.2	93.2
138	120.9	97.6	146.4



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





#49

Acenaphthylene

Concen: 47.213 ng

RT: 14.24 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

Instrument :

BNA_G

ClientSampleId :

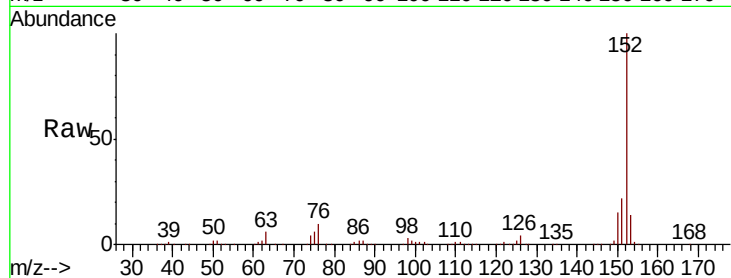
Tot Ion:152 Resp: 738693

Ion Ratio Lower Upper

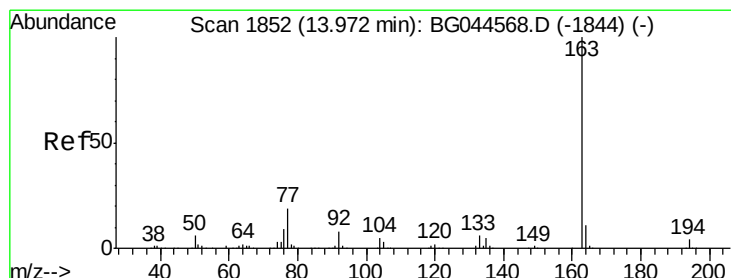
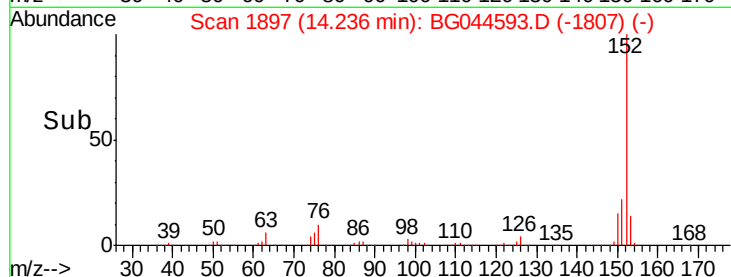
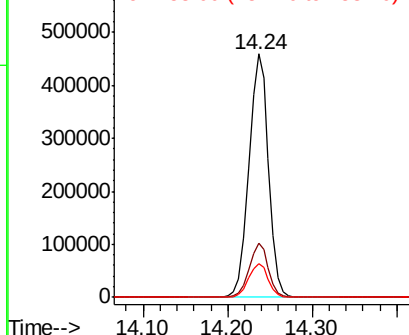
152 100

151 22.3 17.7 26.5

153 14.0 11.3 16.9



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



#50

Dimethylphthalate

Concen: 46.789 ng

RT: 13.98 min Scan# 1853

Delta R.T. 0.01 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

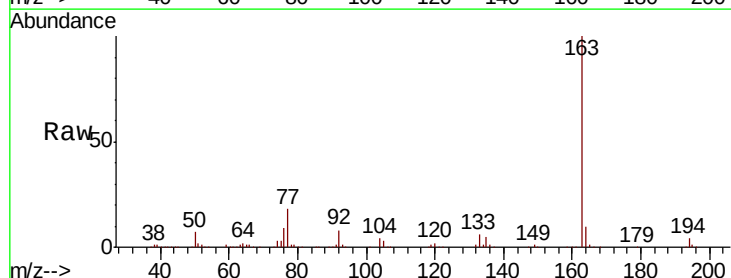
Tgt Ion:163 Resp: 616837

Ion Ratio Lower Upper

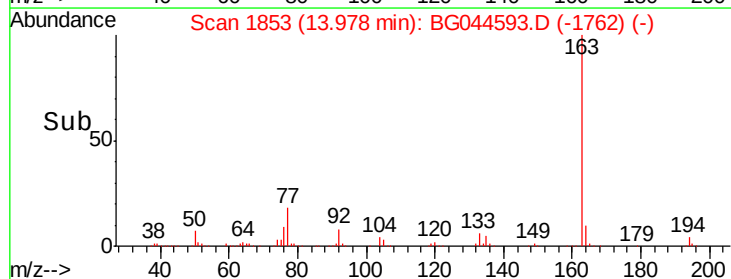
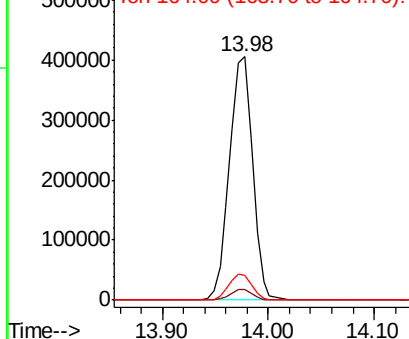
163 100

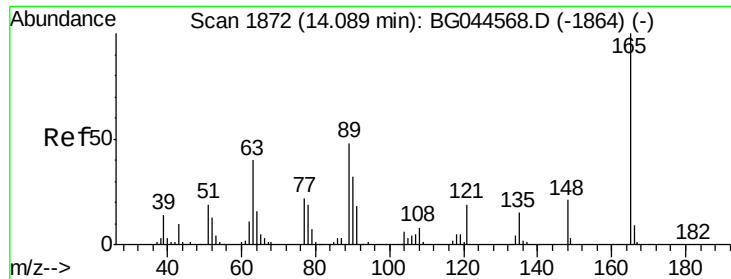
194 4.4 3.4 5.0

164 10.3 8.7 13.1



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

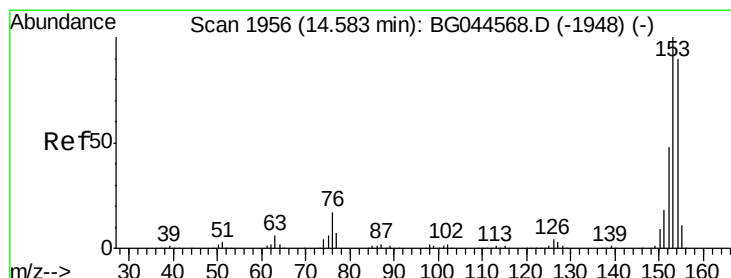
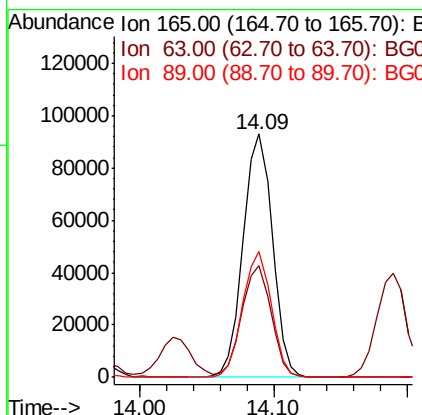
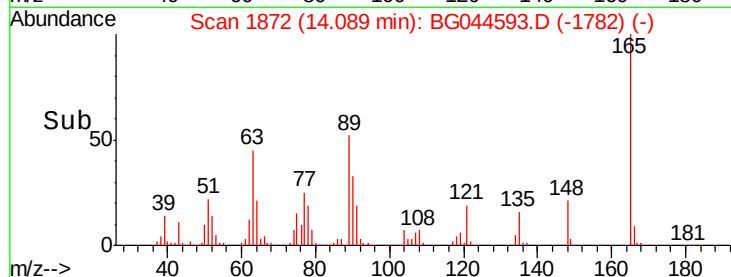
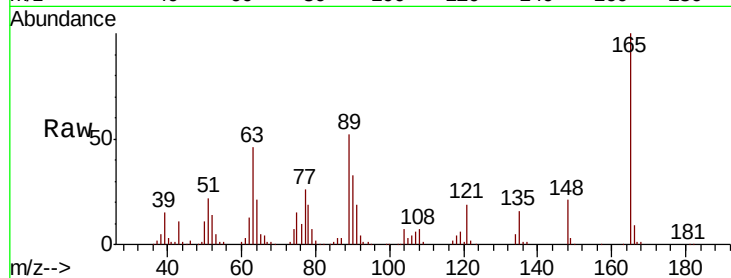




#51
 2,6-Dinitrotoluene
 Concen: 48.562 ng
 RT: 14.09 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: BG044593.D
 Acq: 26 Feb 2020 1:52

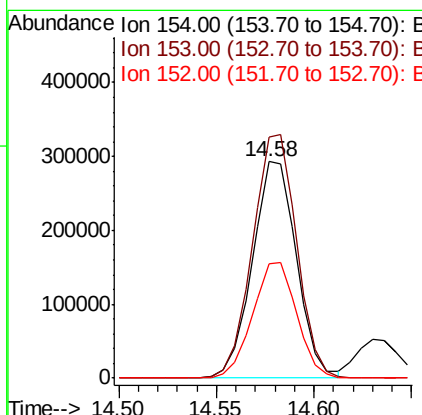
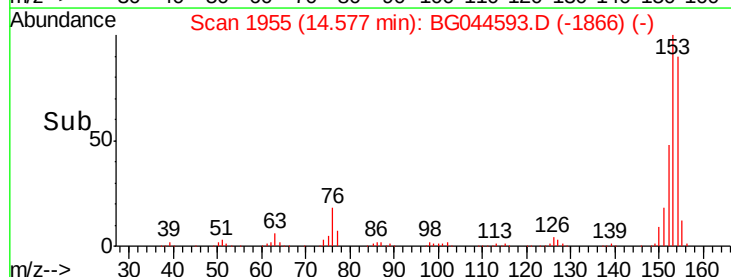
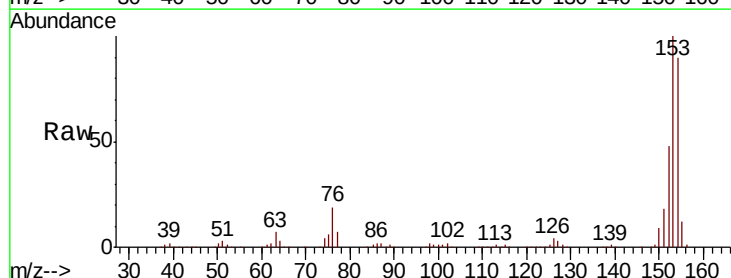
Instrument :
 BNA_G
 ClientSampleId :

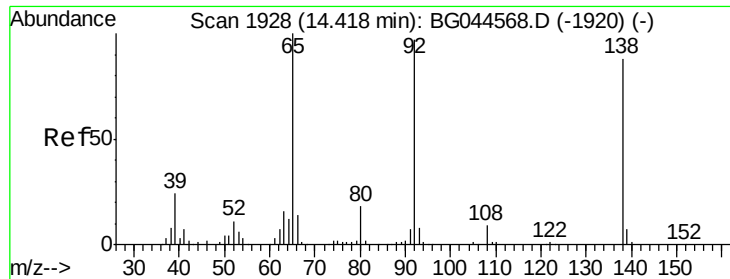
Tot Ion:165 Resp: 141196
 Ion Ratio Lower Upper
 165 100
 63 45.9 35.8 53.6
 89 51.6 38.7 58.1



#52
 Acenaphthene
 Concen: 46.026 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BG044593.D
 Acq: 26 Feb 2020 1:52

Tgt Ion:154 Resp: 459041
 Ion Ratio Lower Upper
 154 100
 153 111.1 89.4 134.0
 152 52.9 43.0 64.4

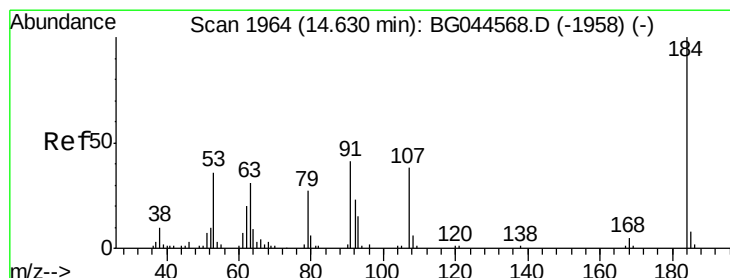
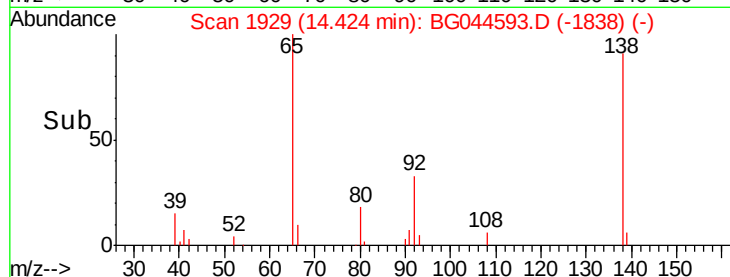
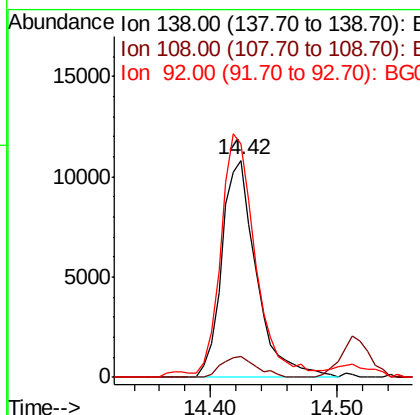
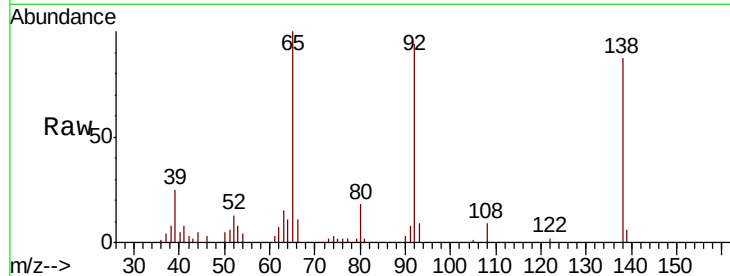




#53
3-Nitroaniline
Concen: 6.506 ng
RT: 14.42 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

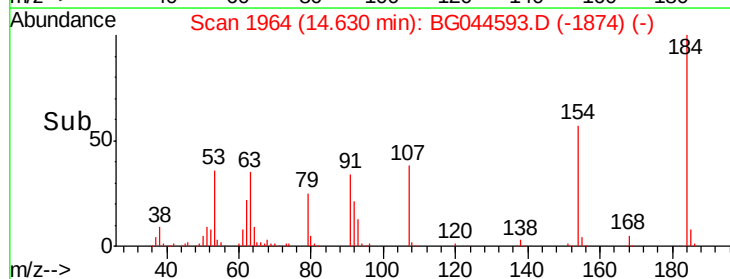
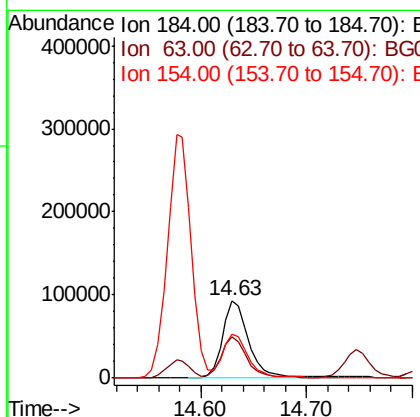
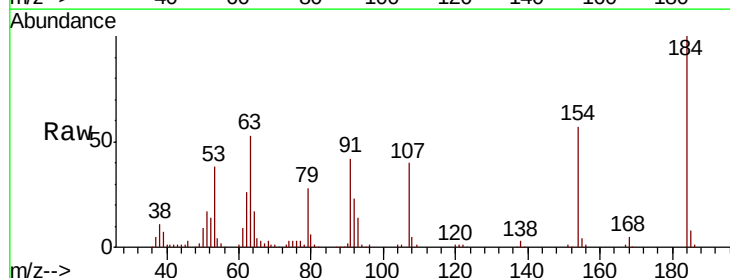
Instrument :
BNA_G
ClientSampleId :

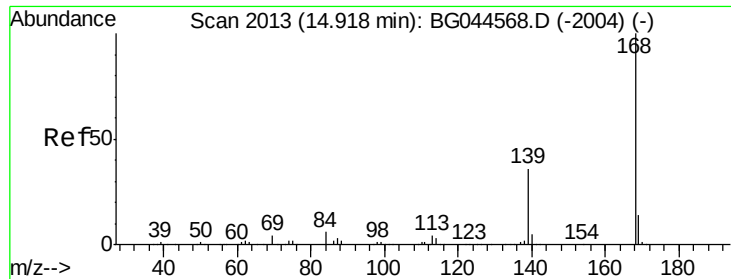
Tot Ion:138 Resp: 20400
Ion Ratio Lower Upper
138 100
108 9.8 7.9 11.9
92 107.6 87.4 131.2



#54
2,4-Dinitrophenol
Concen: 91.428 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Tgt Ion:184 Resp: 161008
Ion Ratio Lower Upper
184 100
63 53.5 42.1 63.1
154 57.4 43.4 65.2

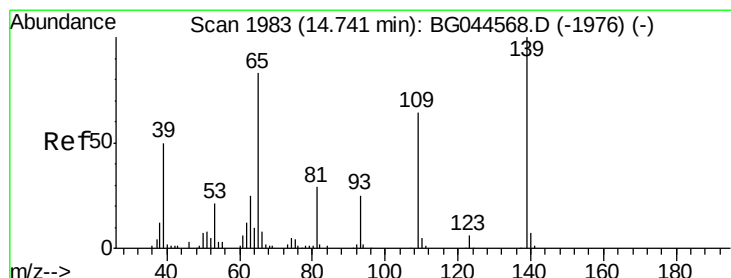
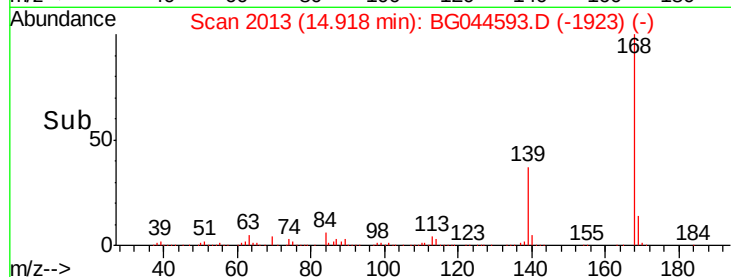
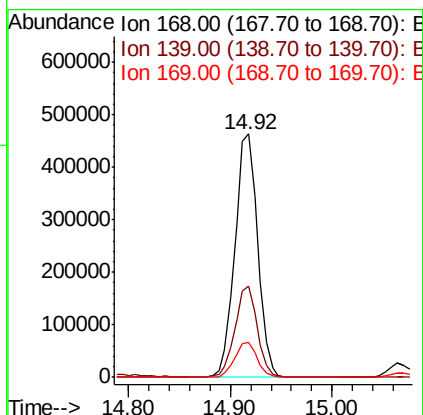
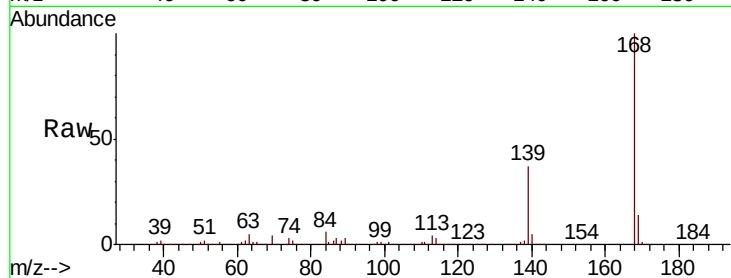




#55
Dibenzofuran
Concen: 47.171 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

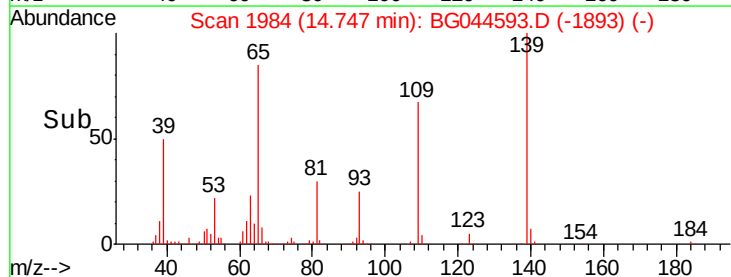
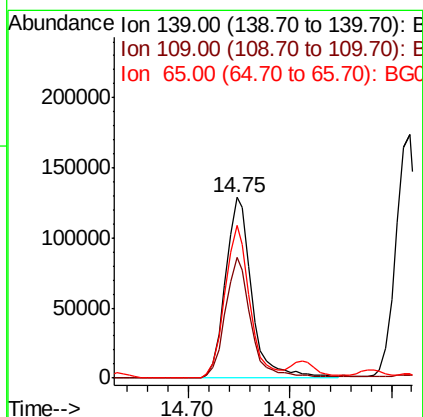
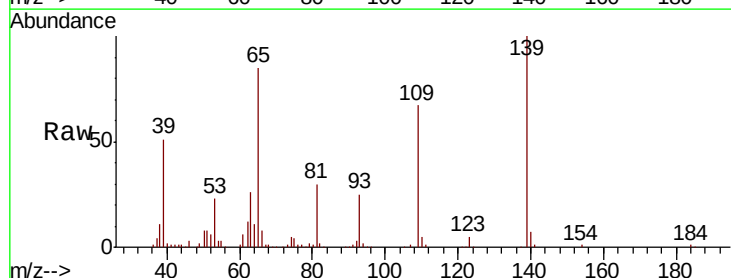
Instrument :
BNA_G
ClientSampleId :

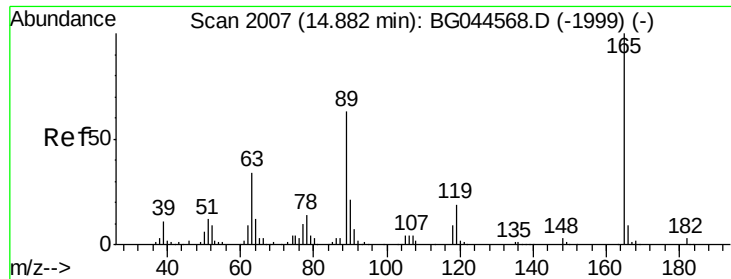
Tot Ion:168 Resp: 721241
Ion Ratio Lower Upper
168 100
139 37.5 29.2 43.8
169 14.4 11.0 16.6



#56
4-Nitrophenol
Concen: 107.790 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Tgt Ion:139 Resp: 232501
Ion Ratio Lower Upper
139 100
109 67.1 43.8 83.8
65 84.8 63.6 103.6

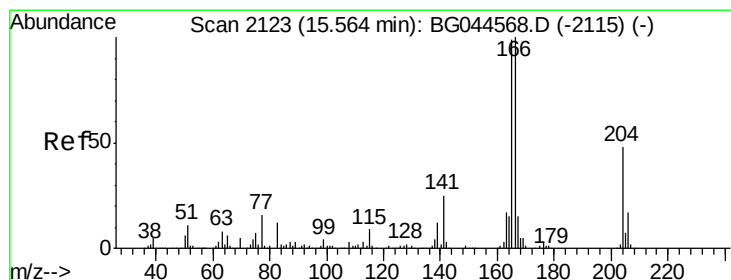
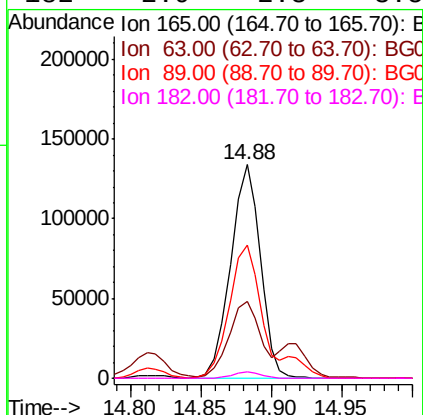
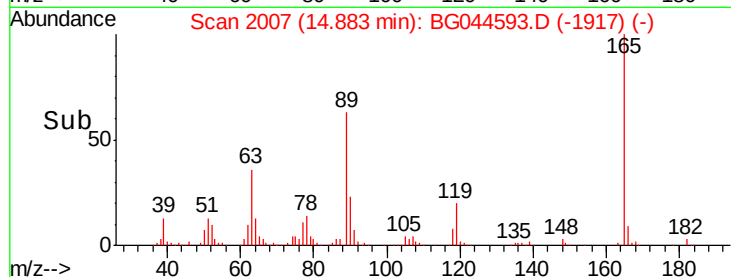
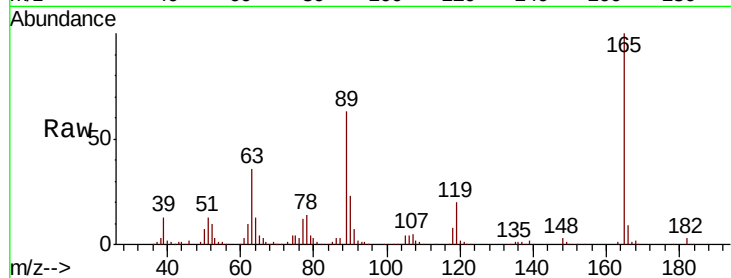




#57
 2,4-Dinitrotoluene
 Concen: 48.187 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BG044593.D
 Acq: 26 Feb 2020 1:52

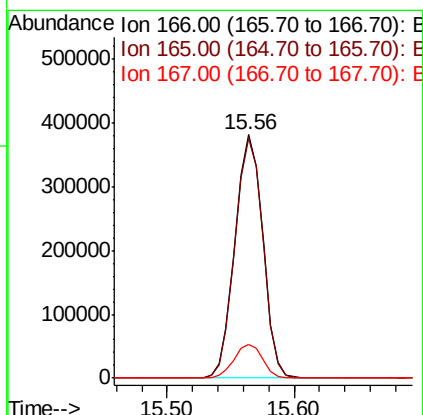
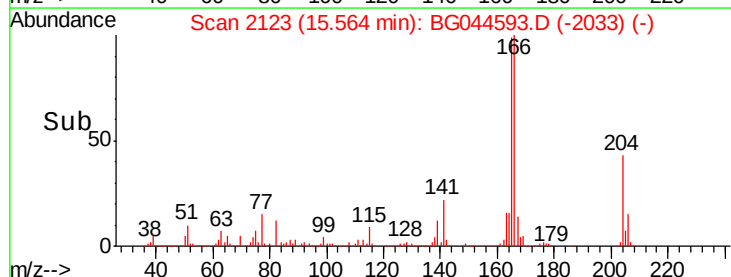
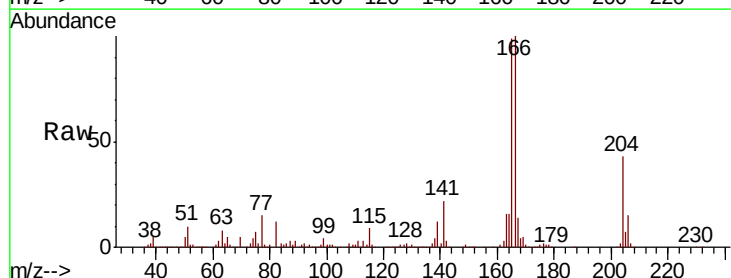
Instrument :
 BNA_G
 ClientSampleId :

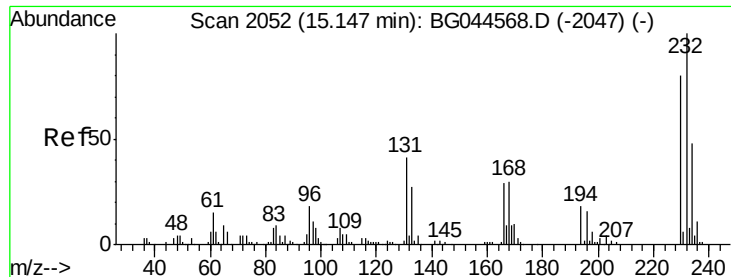
Tot Ion	Ratio	Lower	Upper
165	100		
63	36.2	27.5	41.3
89	62.5	50.0	75.0
182	2.9	2.3	3.5



#58
 Fluorene
 Concen: 47.901 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: BG044593.D
 Acq: 26 Feb 2020 1:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.2	118.8
167	13.7	11.7	17.5

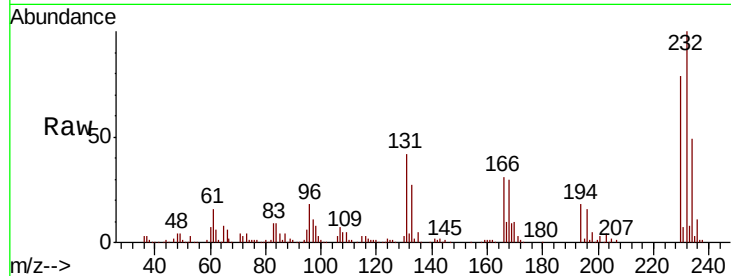




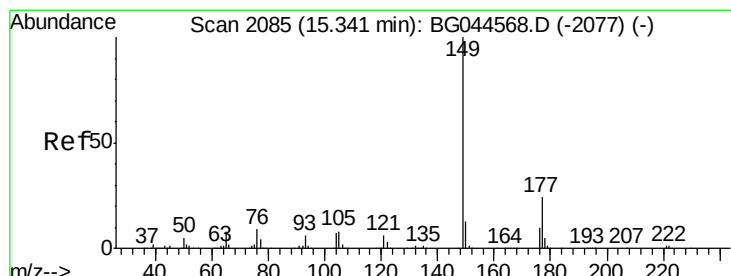
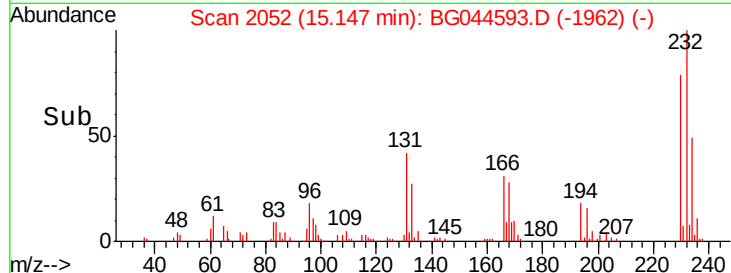
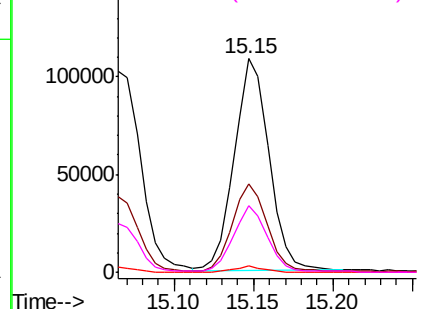
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.771 ng
RT: 15.15 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232	Resp:	164724
Ion Ratio	Lower	Upper
232	100	
131	42.5	31.8 47.6
130	2.5	1.8 2.6
166	30.6	22.7 34.1

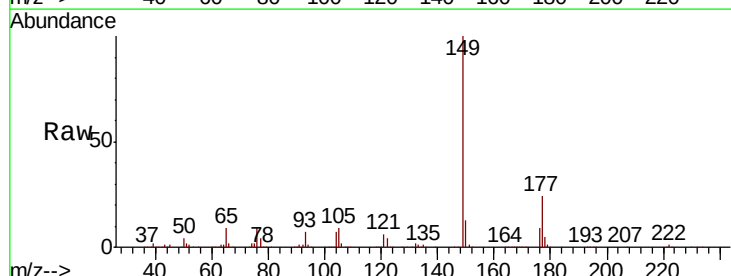


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

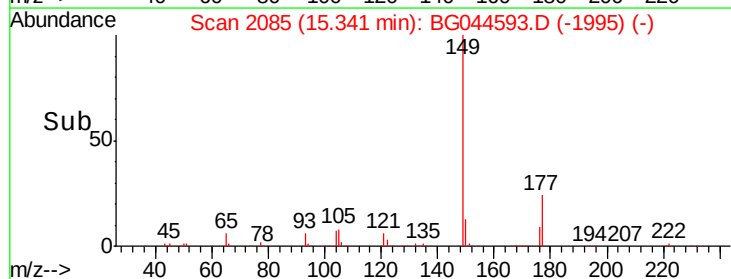
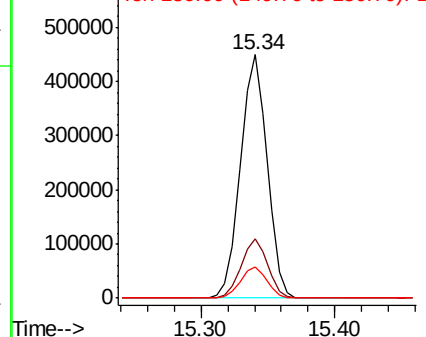


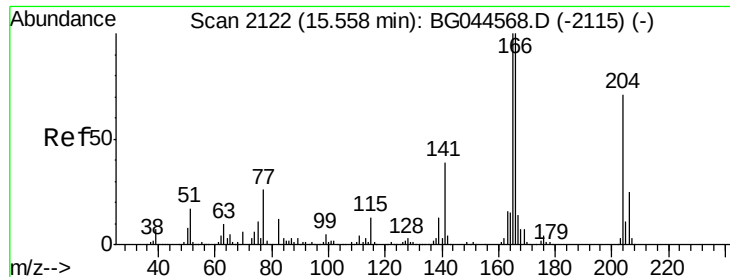
#60
Diethylphthalate
Concen: 47.591 ng
RT: 15.34 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Tgt Ion:149	Resp:	621661
Ion Ratio	Lower	Upper
149	100	
177	24.1	19.2 28.8
150	12.6	10.2 15.4



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

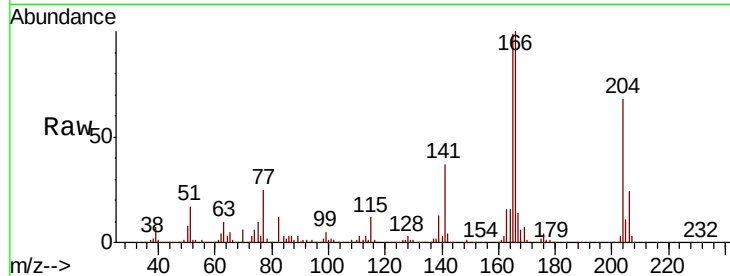




#61
4-Chlorophenyl-phenylether
Concen: 46.178 ng
RT: 15.56 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.3	27.8	41.8
141	54.0	43.8	65.8

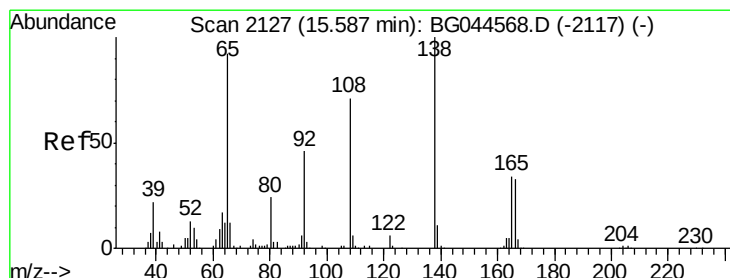
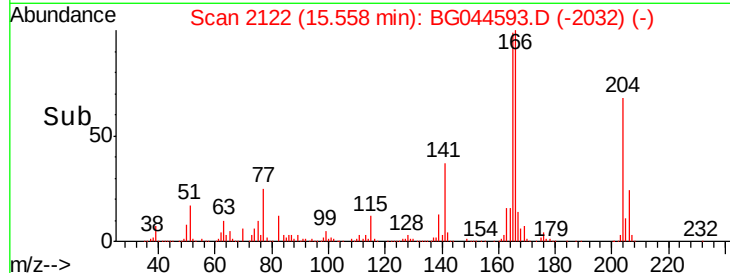
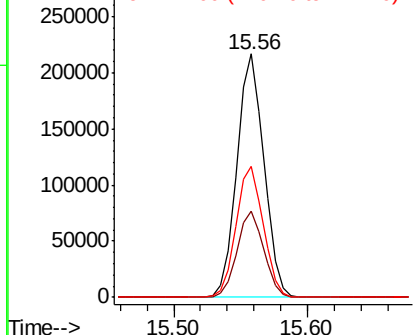


Abundance

Ion 204.00 (203.70 to 204.70): E

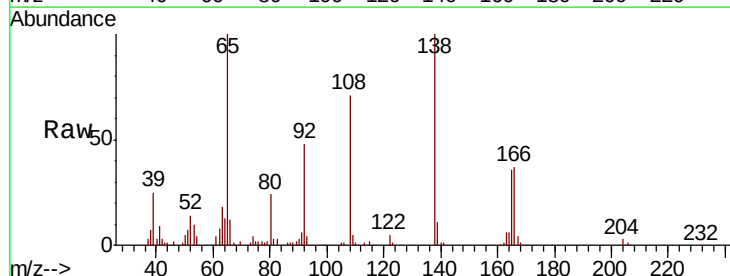
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.992 ng
RT: 15.59 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	26.4	66.4
108	70.5	50.5	90.5

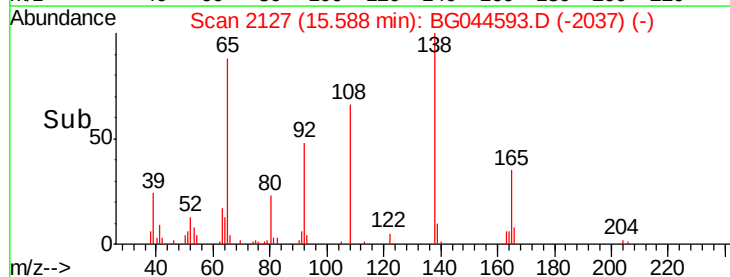
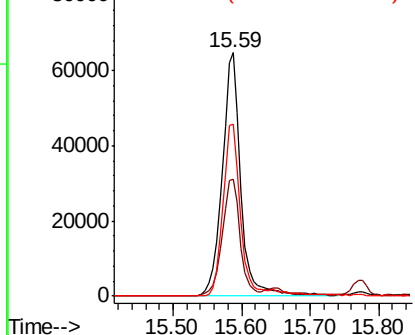


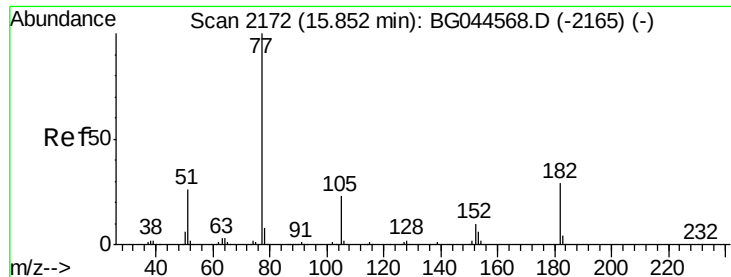
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 48.589 ng

RT: 15.85 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 540156

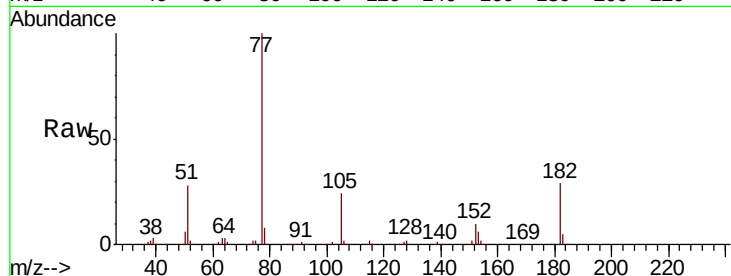
Ion Ratio Lower Upper

77 100

182 29.3 9.4 49.4

105 23.7 3.4 43.4

51 28.0 6.4 46.4

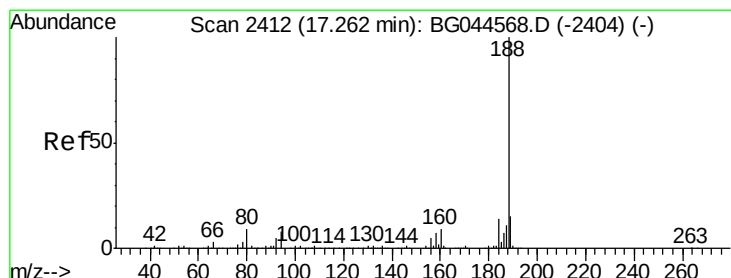
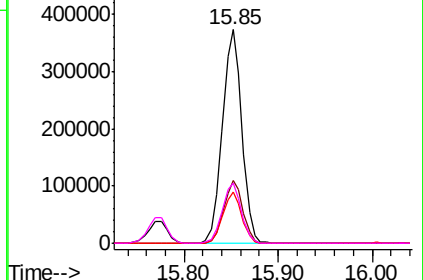
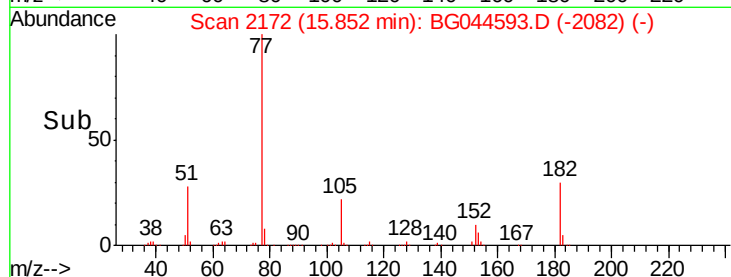


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

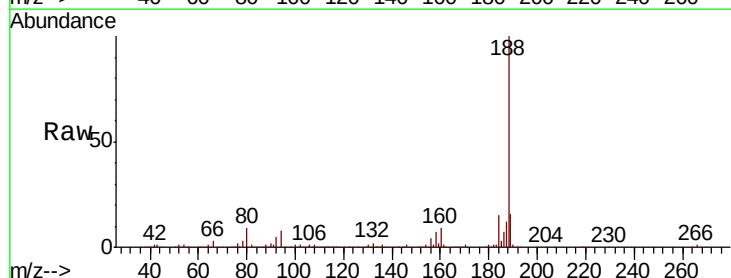
Tgt Ion: 188 Resp: 379668

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

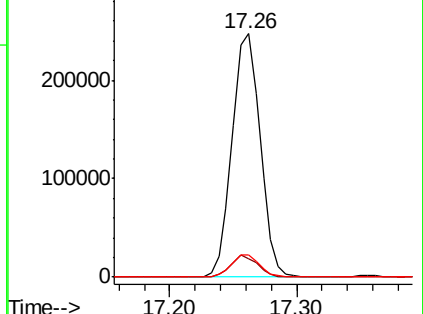
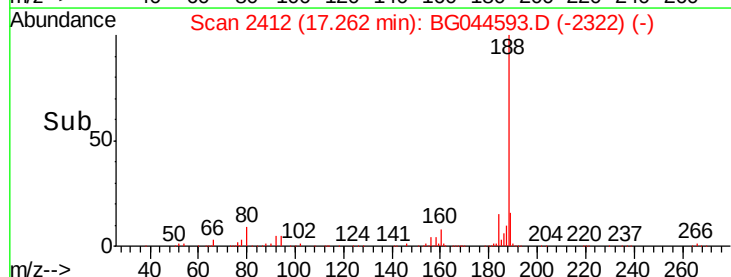
80 8.9 7.6 11.4

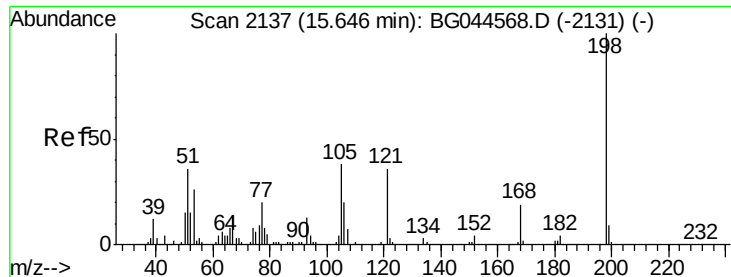


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

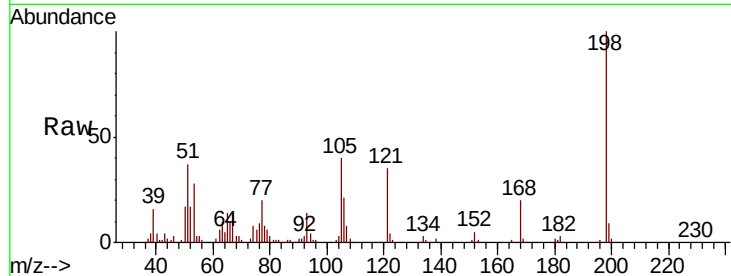




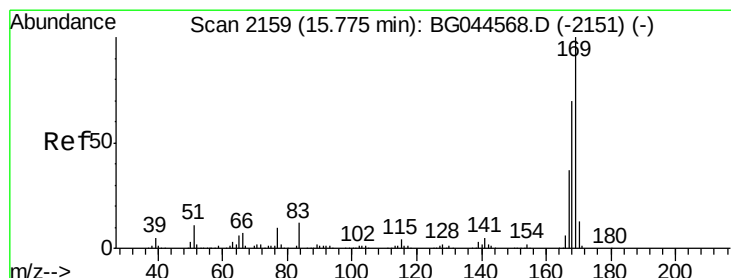
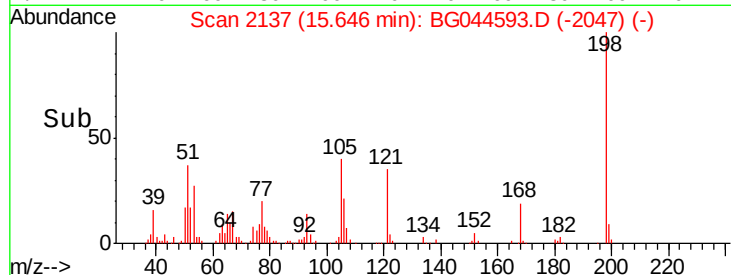
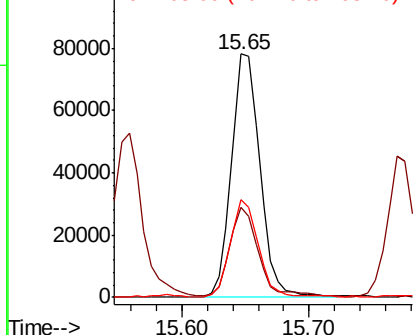
#65
4,6-Dinitro-2-methylphenol
Concen: 51.850 ng
RT: 15.65 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.2	17.0	57.0
105	40.0	18.4	58.4

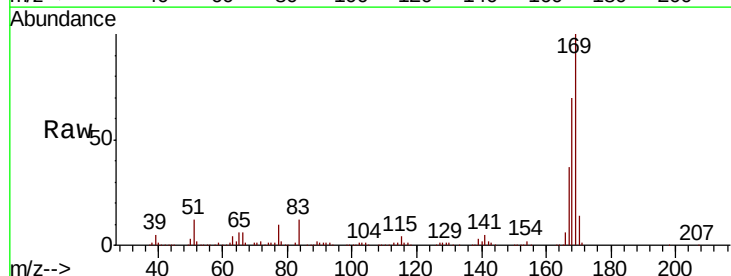


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

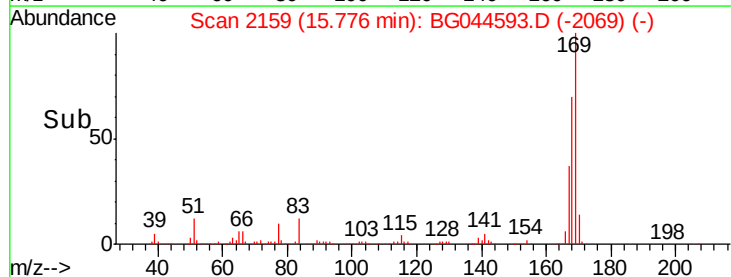
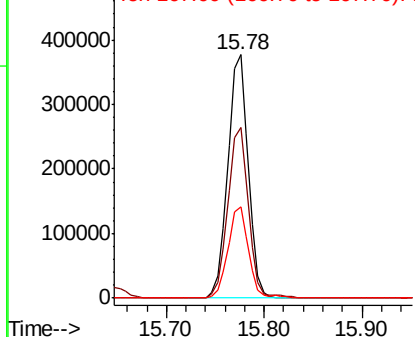


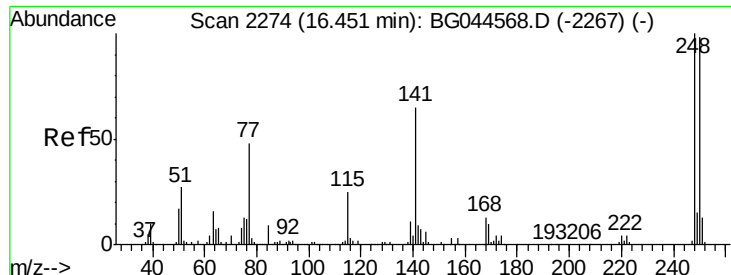
#66
n-Nitrosodiphenylamine
Concen: 45.892 ng
RT: 15.78 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.2	56.1	84.1
167	37.4	29.4	44.0



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

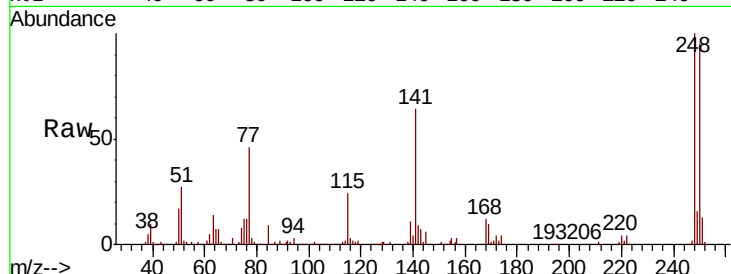




#67
4-Bromophenyl-phenylether
Concen: 44.050 ng
RT: 16.45 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	78.7	118.1
141	64.5	52.3	78.5

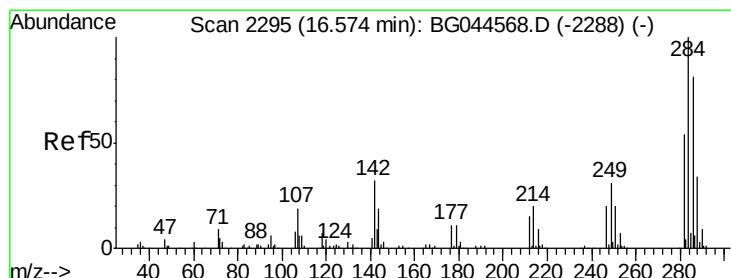
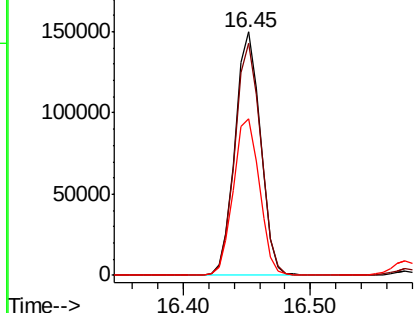
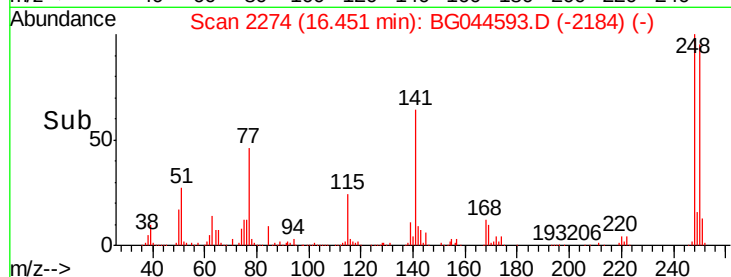


Abundance

Ion 248.00 (247.70 to 248.70): E

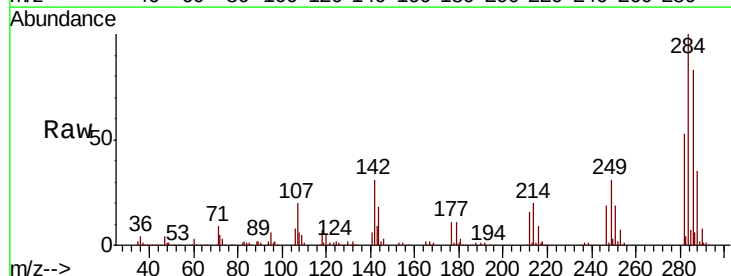
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.716 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	25.6	38.4
249	31.5	24.6	36.8

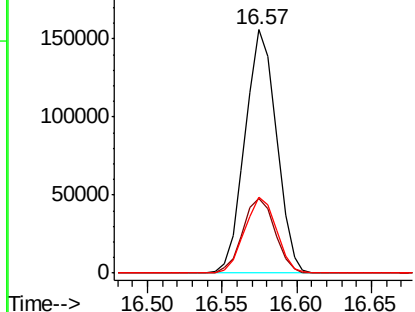
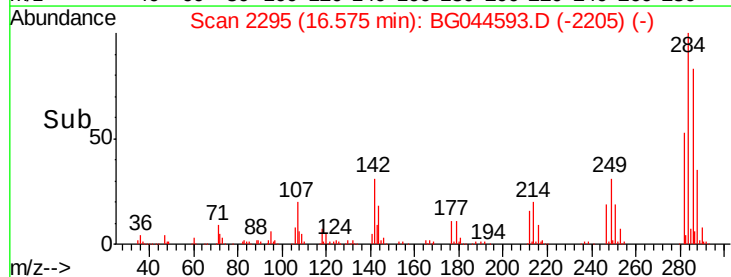


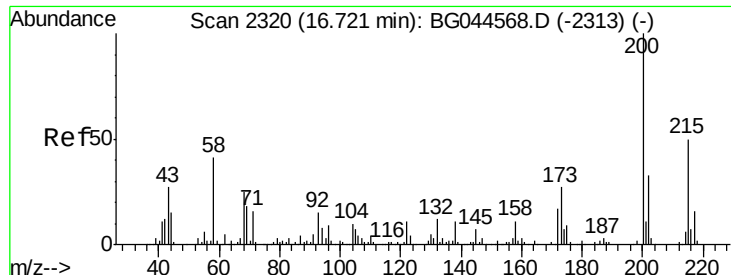
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 45.810 ng

RT: 16.73 min Scan# 2321

Delta R.T. 0.01 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

Instrument :

BNA_G

ClientSampleId :

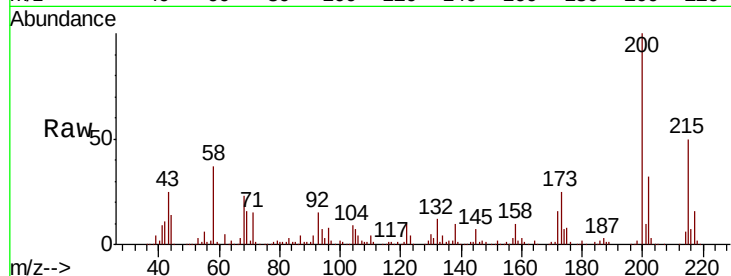
Tot Ion:200 Resp: 200565

Ion Ratio Lower Upper

200 100

173 25.4 6.6 46.6

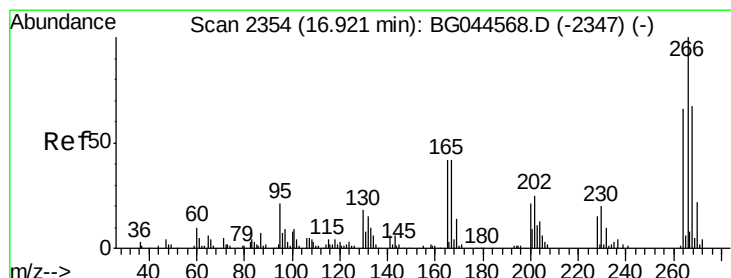
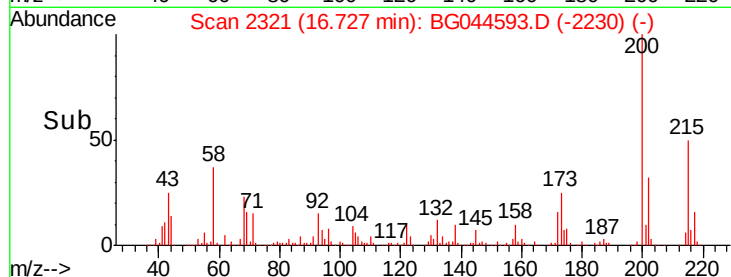
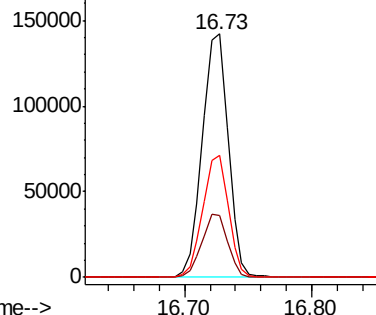
215 50.0 30.3 70.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 97.613 ng

RT: 16.92 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

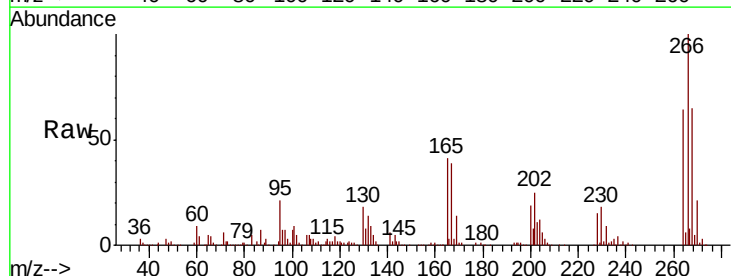
Tgt Ion:266 Resp: 259098

Ion Ratio Lower Upper

266 100

268 65.4 53.4 80.0

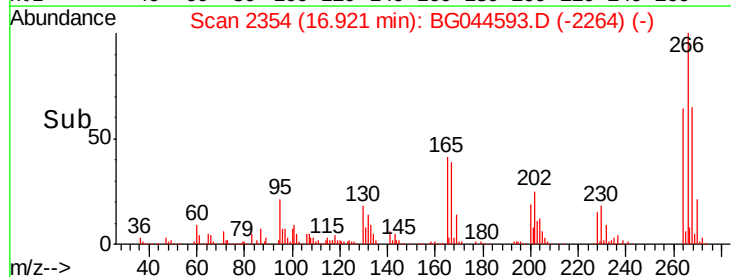
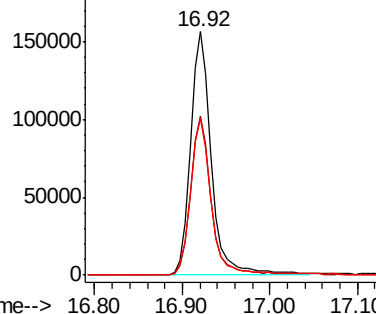
264 64.1 53.0 79.4

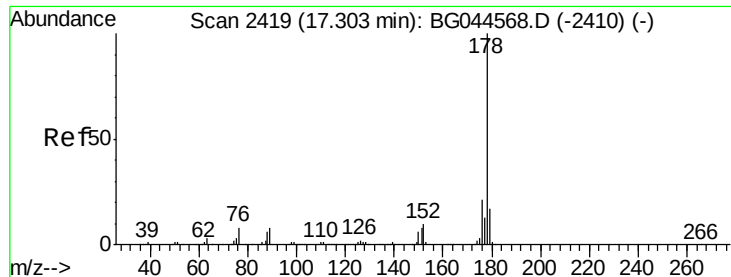


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

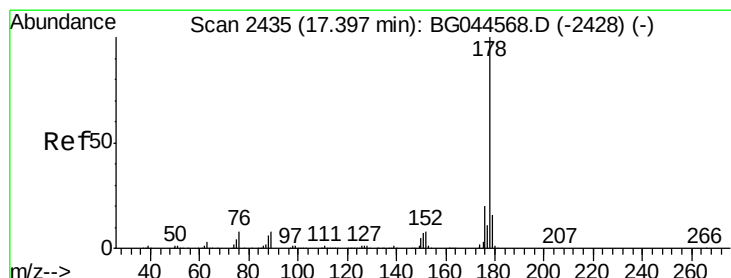
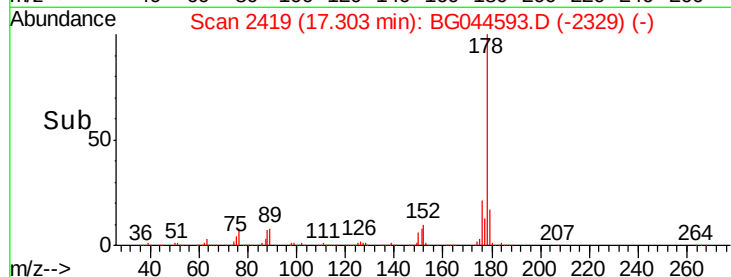
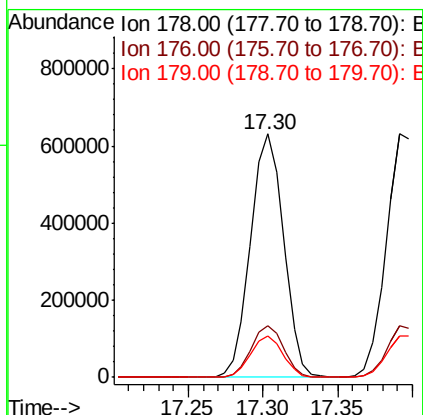
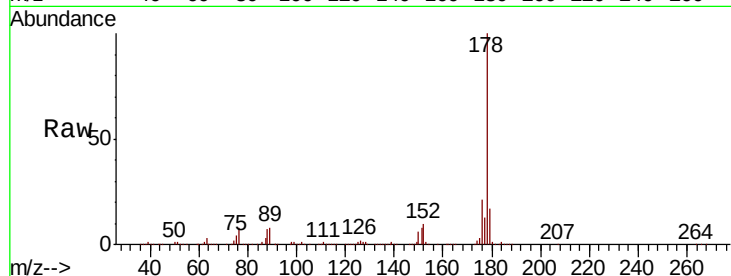




#71
Phenanthrene
Concen: 46.016 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

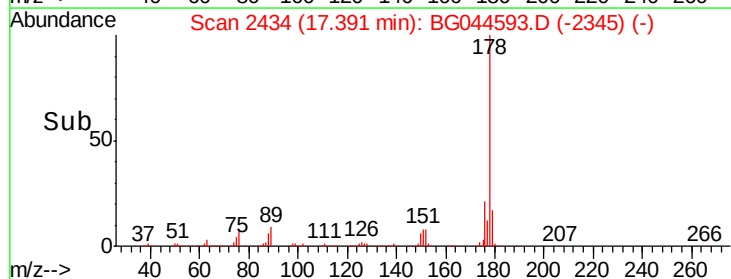
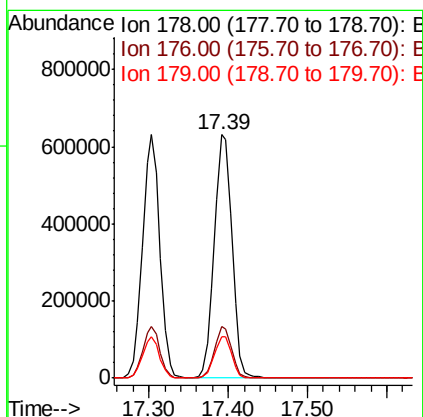
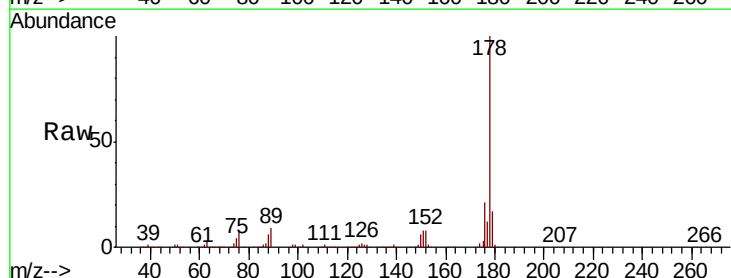
Instrument :
BNA_G
ClientSampleId :

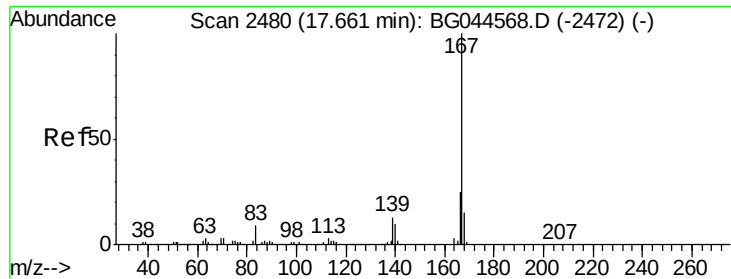
Tot Ion:178 Resp: 967253
Ion Ratio Lower Upper
178 100
176 21.1 16.6 25.0
179 17.1 13.3 19.9



#72
Anthracene
Concen: 47.261 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Tgt Ion:178 Resp: 978987
Ion Ratio Lower Upper
178 100
176 21.0 15.9 23.9
179 17.1 13.1 19.7





#73

Carbazole

Concen: 48.006 ng

RT: 17.66 min Scan# 2480

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

Instrument :

BNA_G

ClientSampleId :

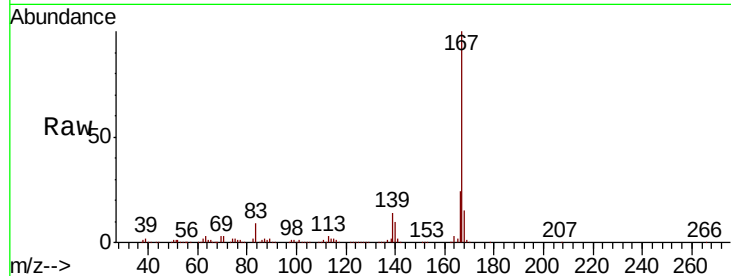
Tot Ion:167 Resp: 905167

Ion Ratio Lower Upper

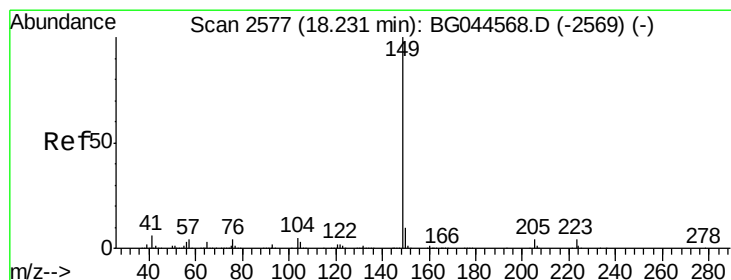
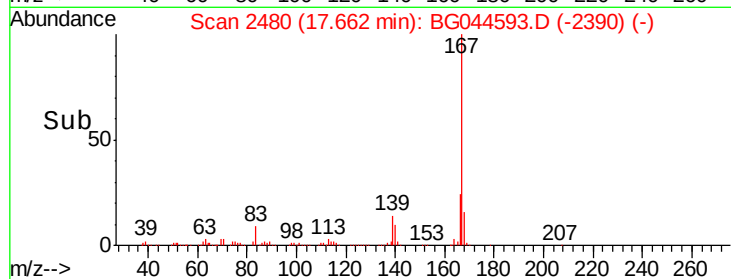
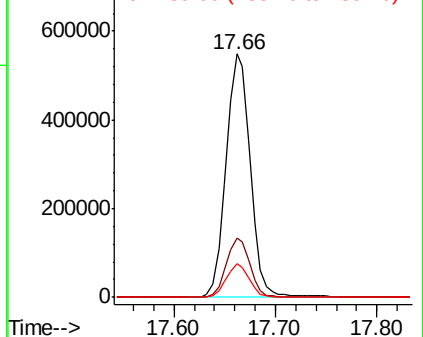
167 100

166 24.3 19.7 29.5

139 13.8 10.6 15.8



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: 47.098 ng

RT: 18.23 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

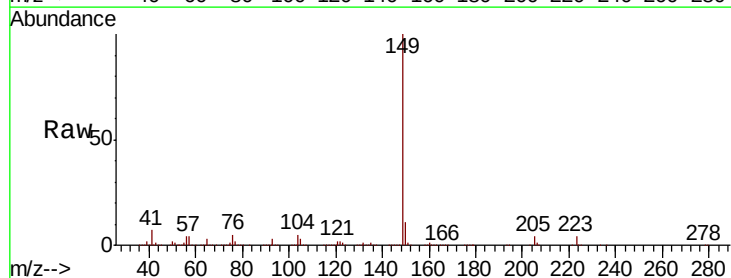
Tgt Ion:149 Resp: 1112793

Ion Ratio Lower Upper

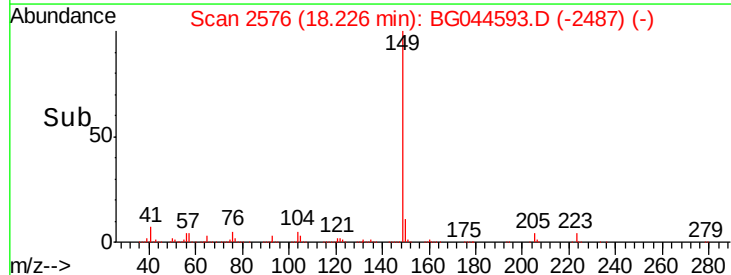
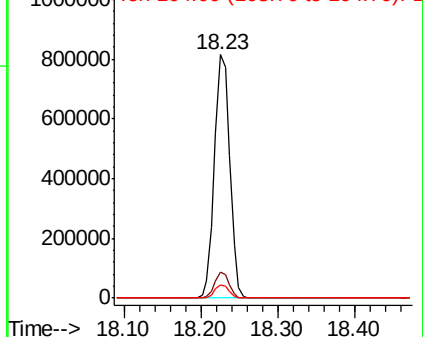
149 100

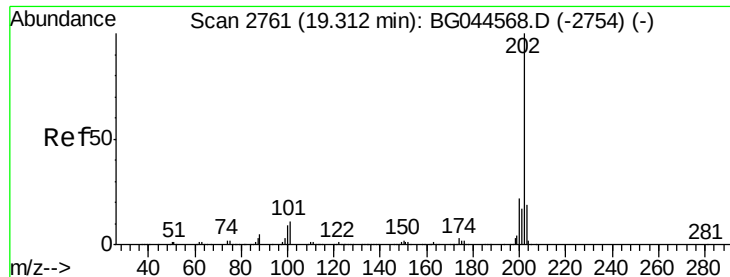
150 10.5 7.8 11.8

104 5.2 4.0 6.0



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: 47.635 ng

RT: 19.31 min Scan# 2761

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

Instrument :

BNA_G

ClientSampleId :

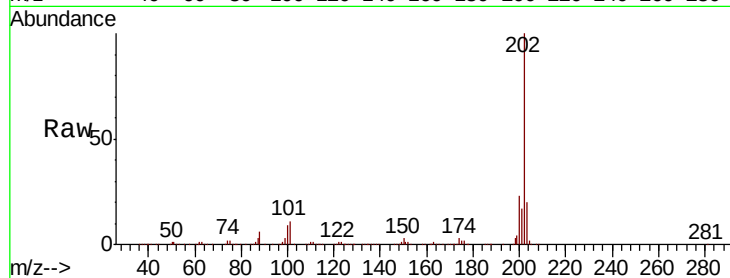
Tot Ion:202 Resp: 1185303

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.0

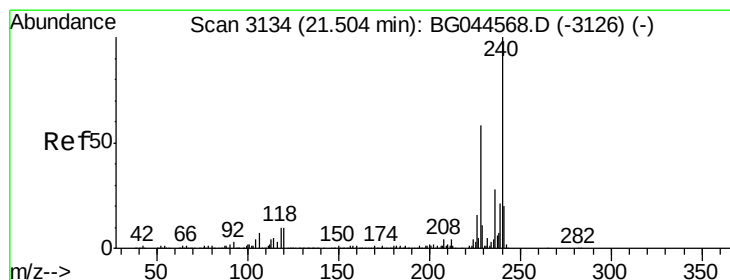
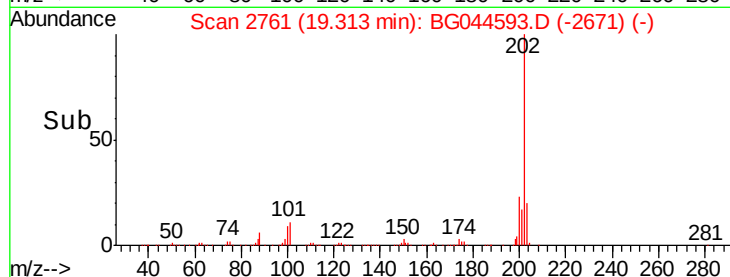
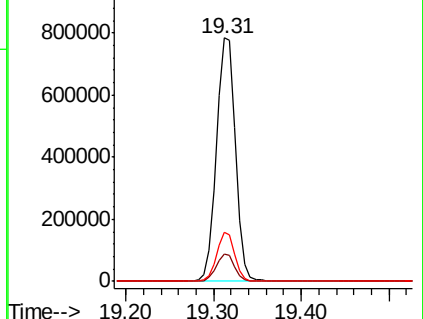
203 19.9 0.0 39.2



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: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

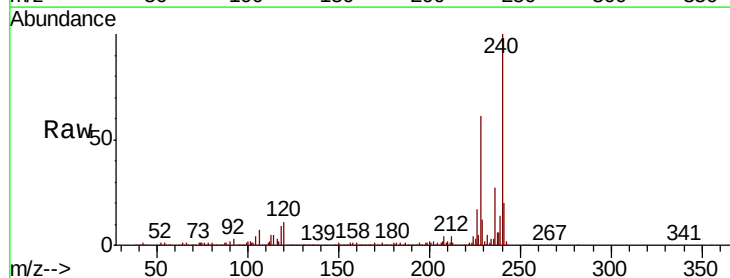
Tgt Ion:240 Resp: 381005

Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

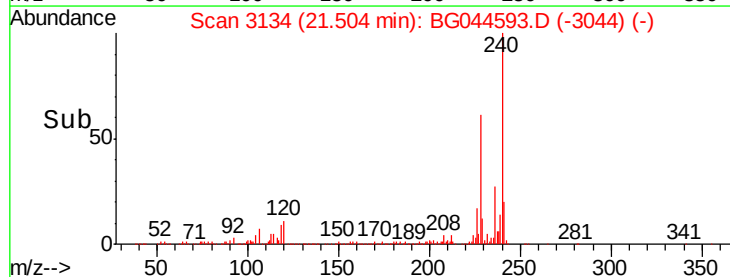
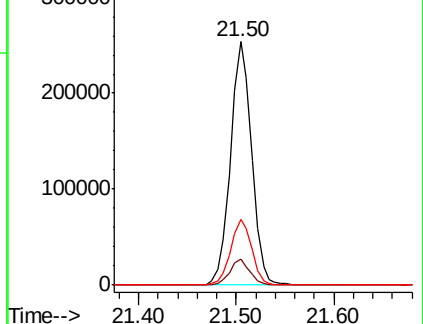
236 27.0 22.3 33.5

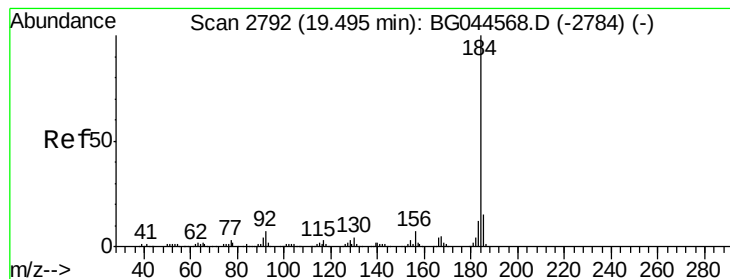


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.659 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.02 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

Instrument :

BNA_G

ClientSampled :

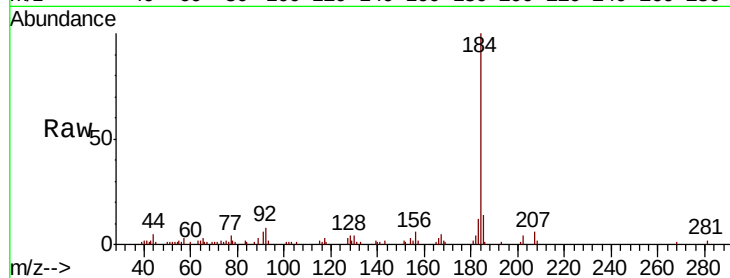
Tot Ion:184 Resp: 99959

Ion Ratio Lower Upper

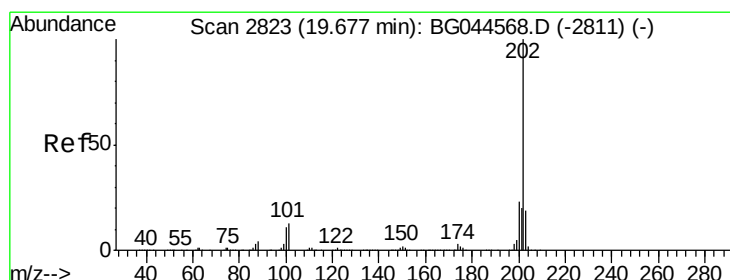
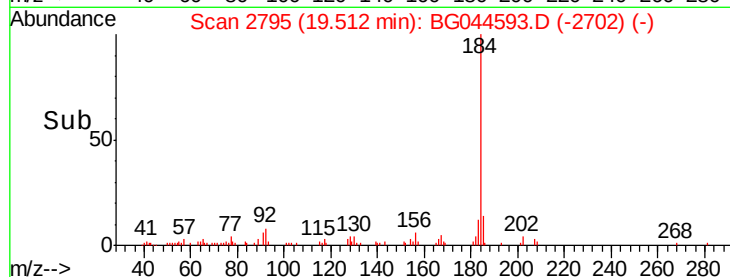
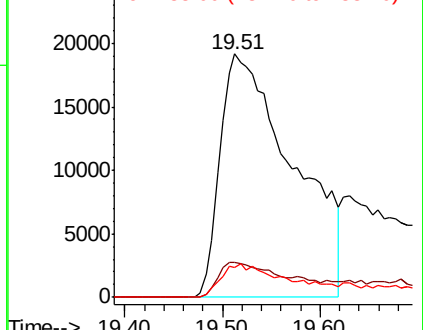
184 100

185 14.4 12.2 18.4

183 12.3 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.444 ng

RT: 19.68 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

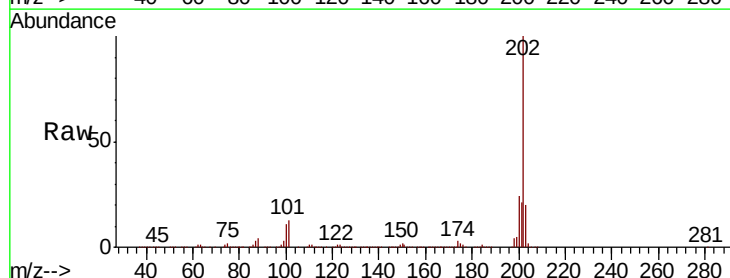
Tgt Ion:202 Resp: 1201542

Ion Ratio Lower Upper

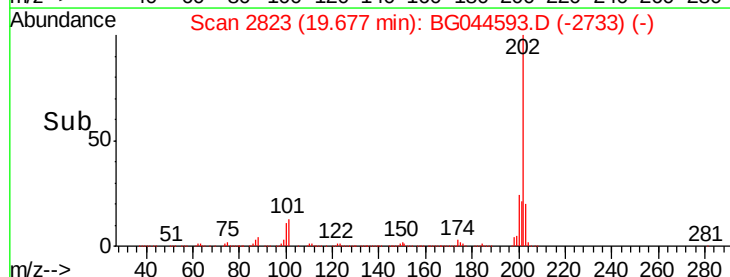
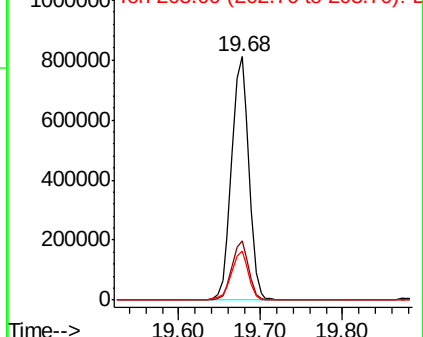
202 100

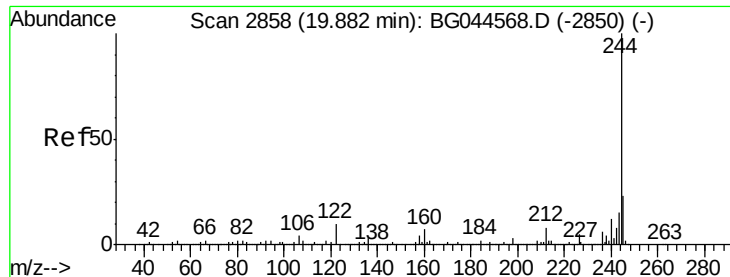
200 24.2 18.6 28.0

203 20.3 15.3 22.9



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





#79

Terphenyl-d14

Concen: 87.071 ng

RT: 19.88 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

Instrument :

BNA_G

ClientSampleId :

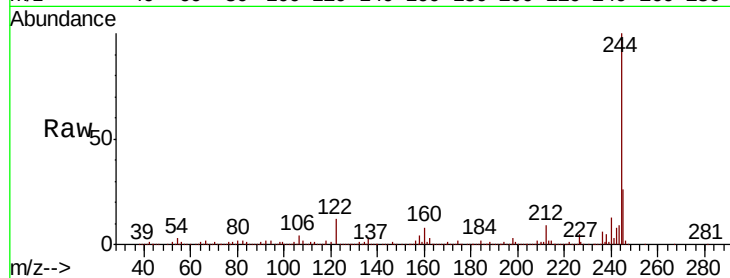
Tot Ion:244 Resp: 1752420

Ion Ratio Lower Upper

244 100

212 9.0 6.5 9.7

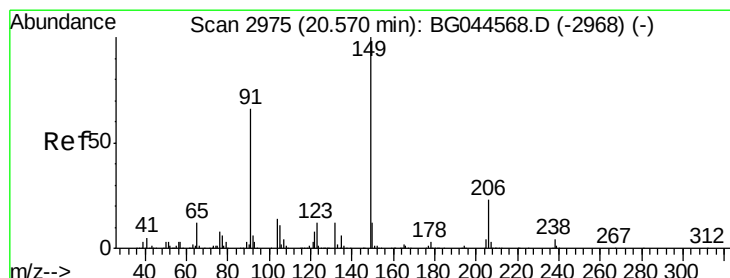
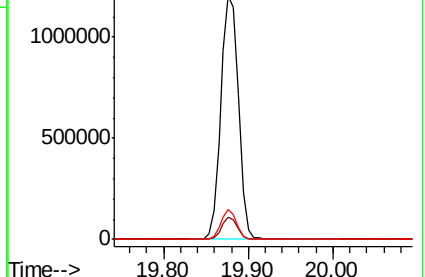
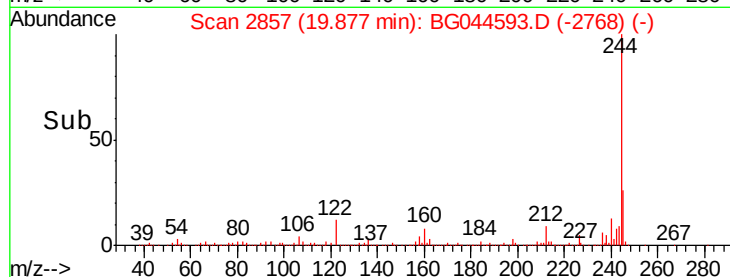
122 12.1 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.796 ng

RT: 20.57 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

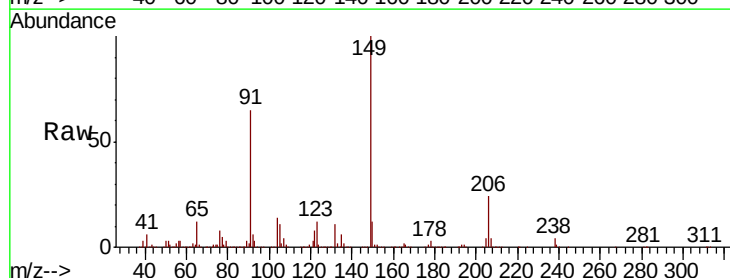
Tgt Ion:149 Resp: 529837

Ion Ratio Lower Upper

149 100

91 64.8 52.7 79.1

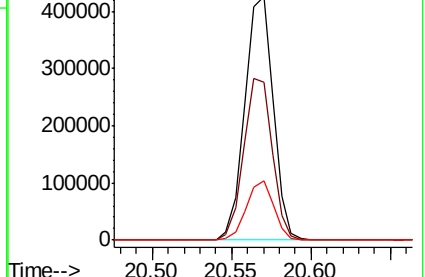
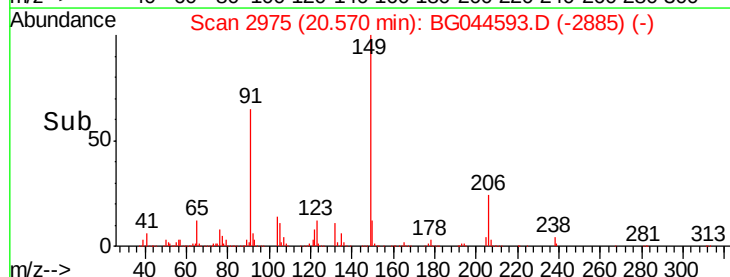
206 24.2 18.6 28.0

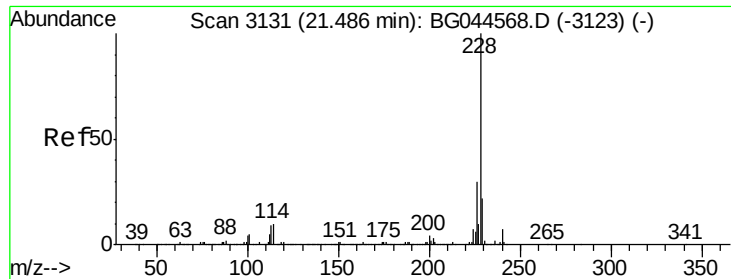


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

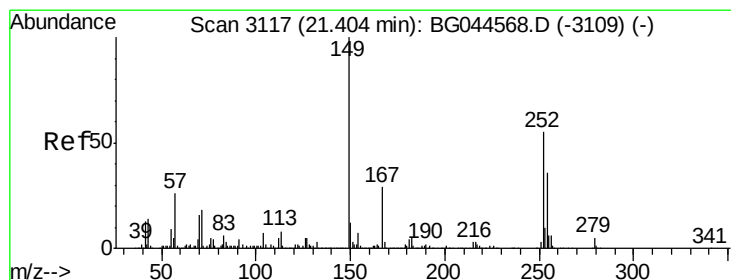
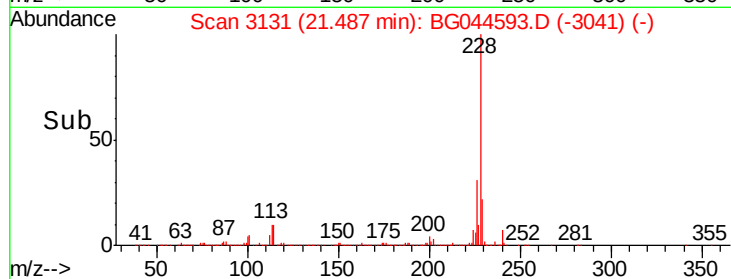
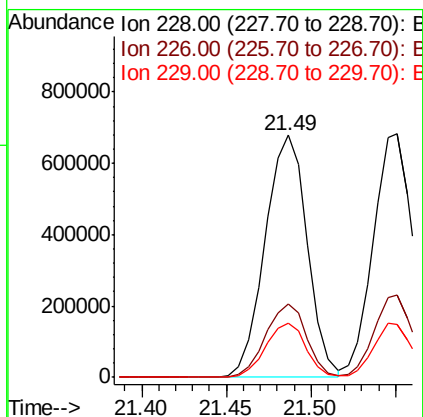
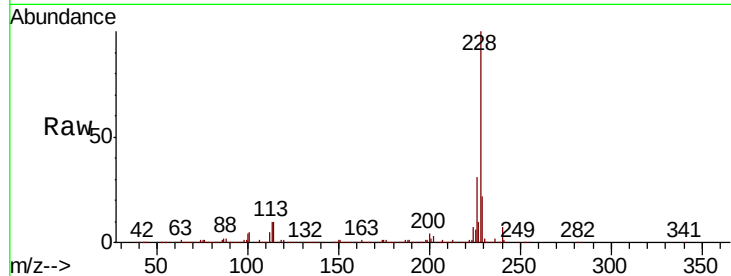




#81
Benzo(a)anthracene
Concen: 43.704 ng
RT: 21.49 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

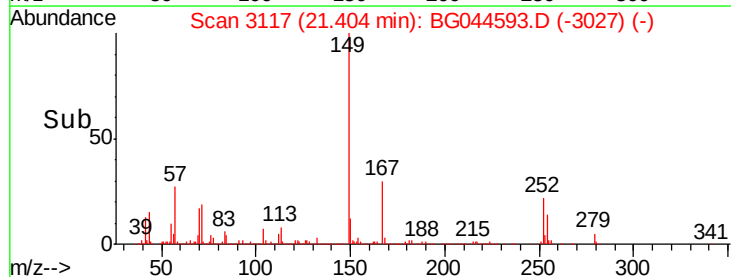
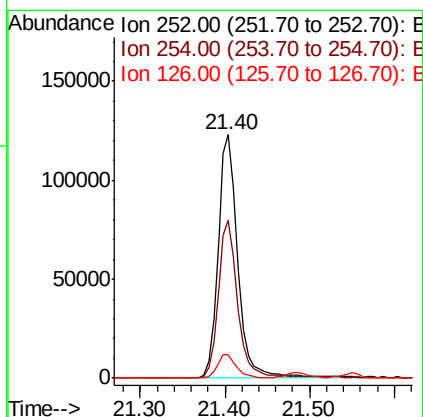
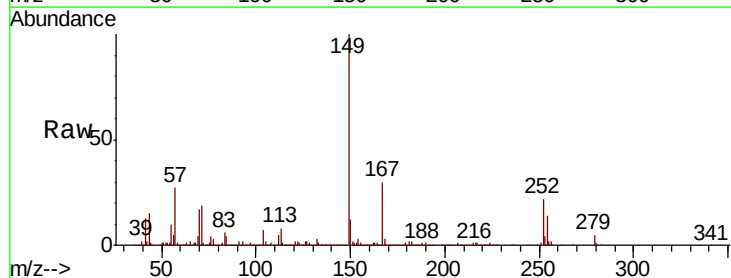
Instrument :
BNA_G
ClientSampled :

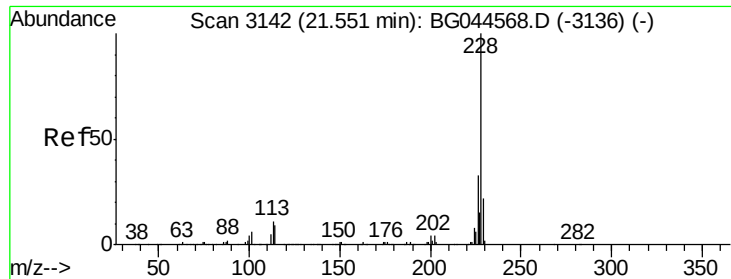
Tot Ion:228 Resp: 1170330
Ion Ratio Lower Upper
228 100
226 30.6 23.8 35.8
229 22.3 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 19.030 ng
RT: 21.40 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Tgt Ion:252 Resp: 201316
Ion Ratio Lower Upper
252 100
254 65.0 51.5 77.3
126 9.5 7.8 11.6

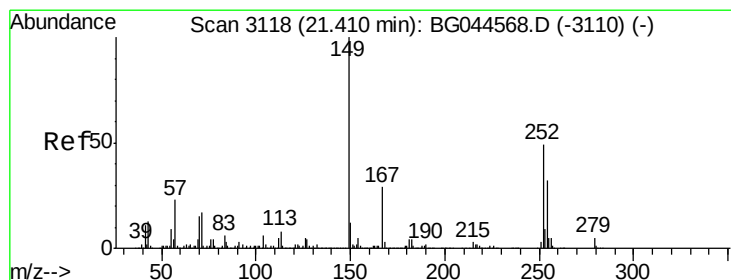
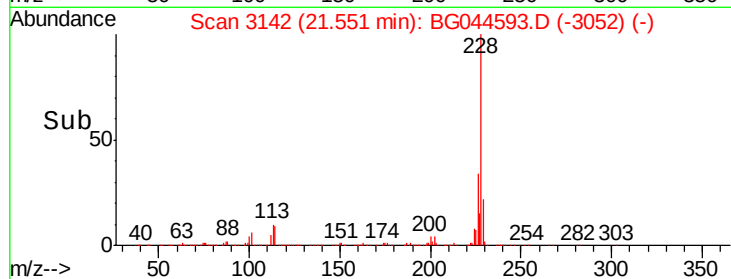
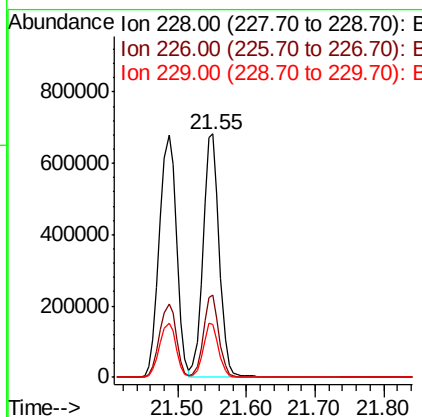
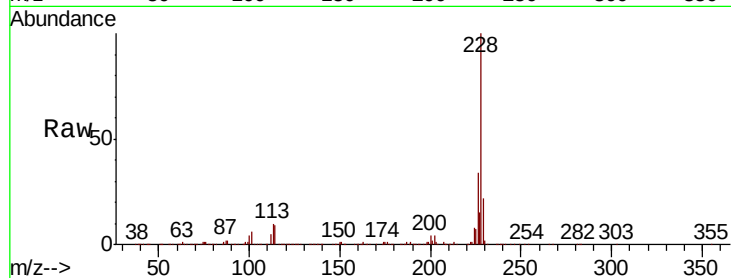




#83
 Chrysene
 Concen: 43.655 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG044593.D
 Acq: 26 Feb 2020 1:52

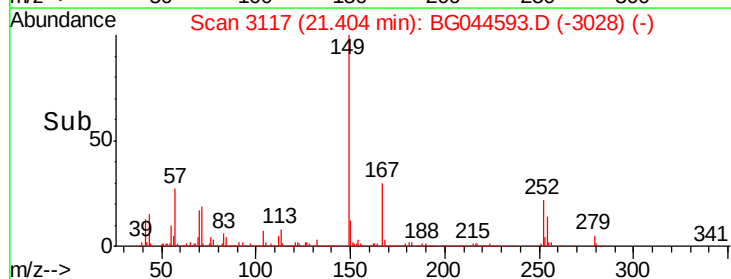
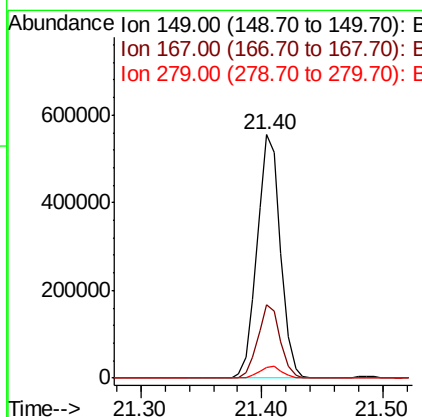
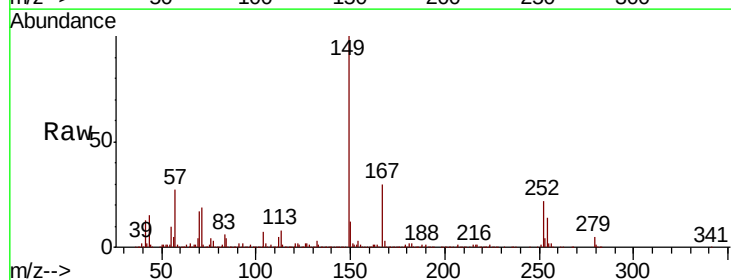
Instrument :
 BNA_G
 ClientSampleId :

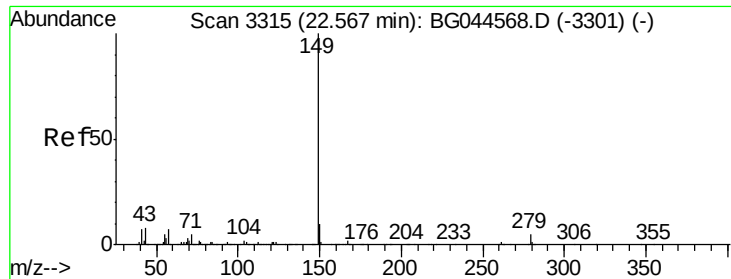
Tot Ion:228 Resp: 1130260
 Ion Ratio Lower Upper
 228 100
 226 34.0 26.1 39.1
 229 21.9 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.590 ng
 RT: 21.40 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG044593.D
 Acq: 26 Feb 2020 1:52

Tgt Ion:149 Resp: 743298
 Ion Ratio Lower Upper
 149 100
 167 30.2 23.4 35.0
 279 4.5 4.2 6.4

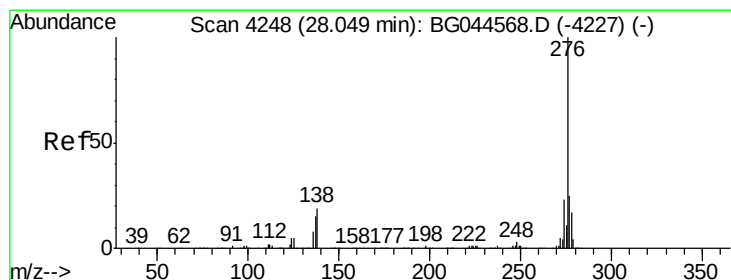
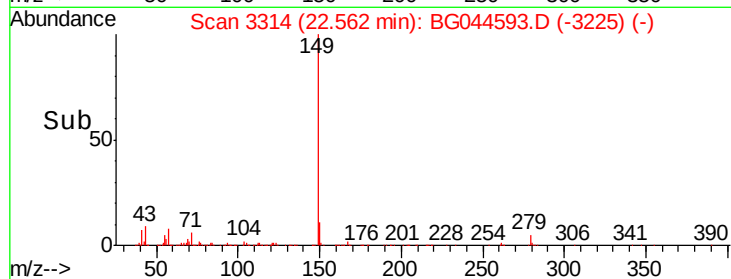
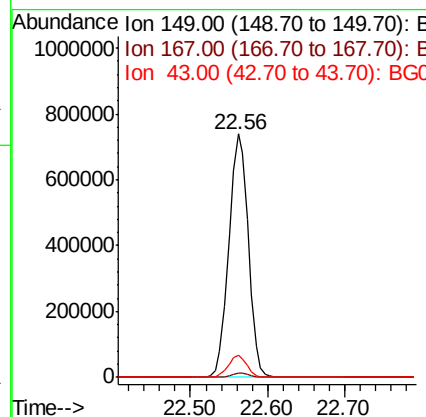
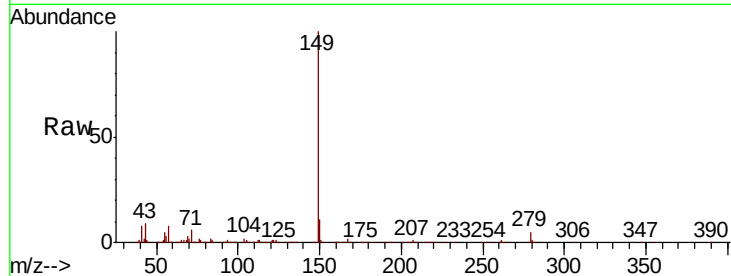




#85
Di-n-octyl phthalate
Concen: 44.350 ng
RT: 22.56 min Scan# 3314
Delta R.T. -0.01 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

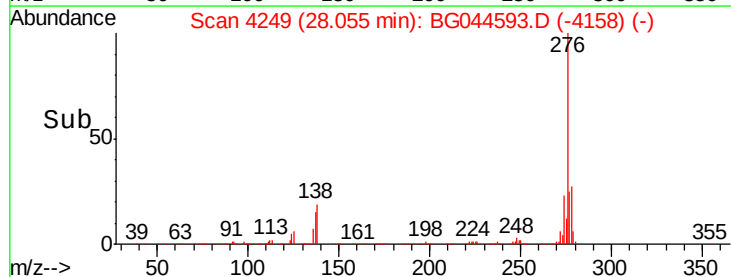
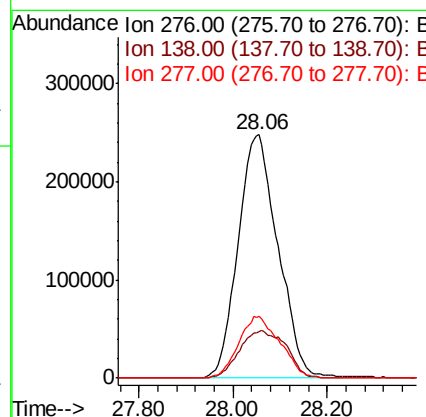
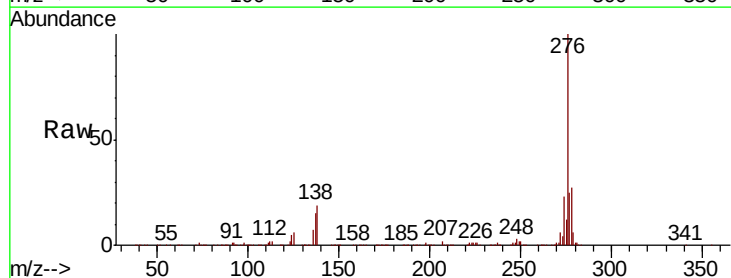
Instrument :
BNA_G
ClientSampled :

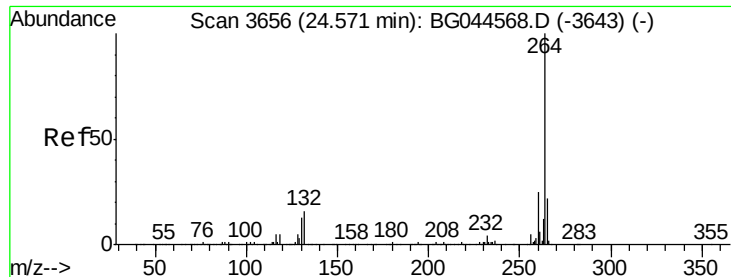
Tot Ion:149 Resp: 1300699
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.8 6.6 10.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.873 ng
RT: 28.06 min Scan# 4249
Delta R.T. 0.01 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Tgt Ion:276 Resp: 1457783
Ion Ratio Lower Upper
276 100
138 23.0 18.2 27.4
277 26.4 20.7 31.1

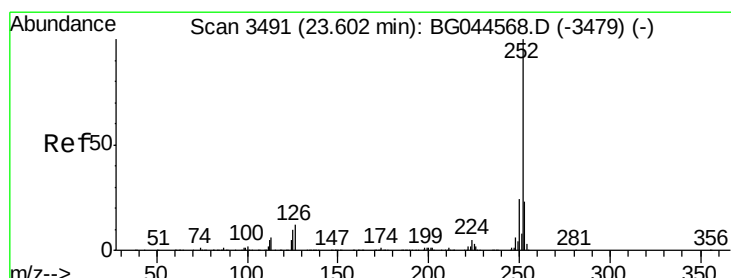
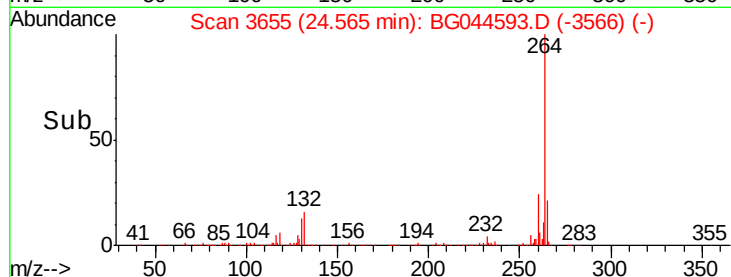
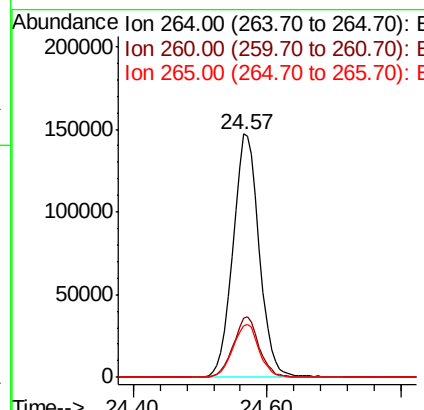
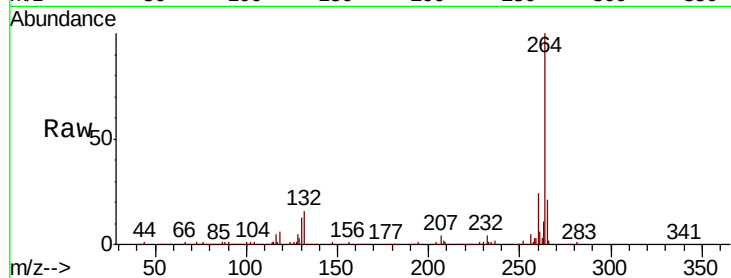




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.57 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

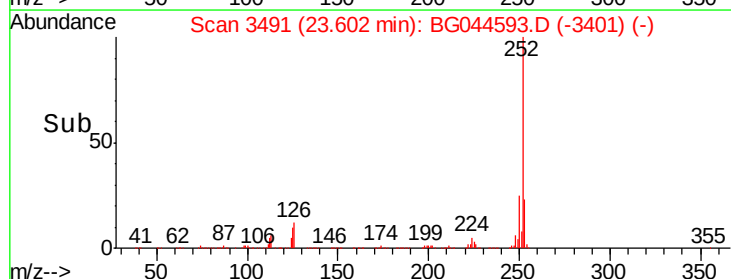
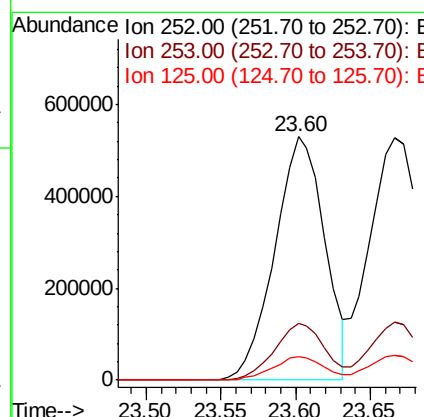
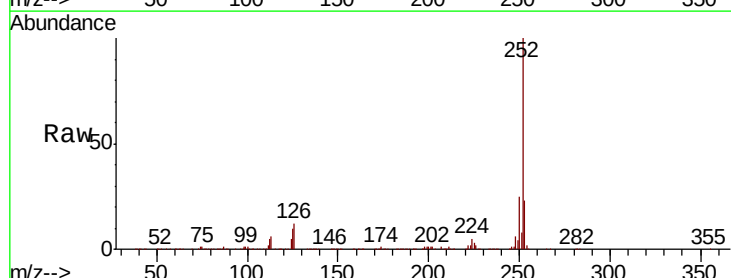
Instrument :
BNA_G
ClientSampleId :

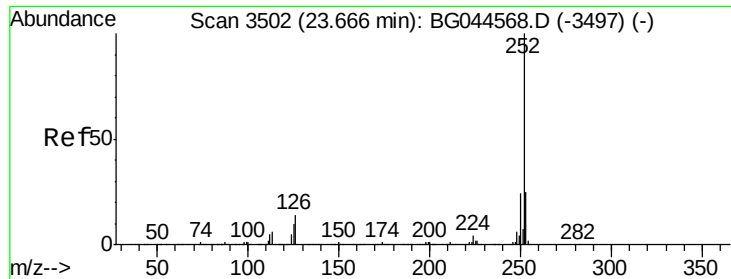
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.4	17.8	26.8



#88
Benzo(b)fluoranthene
Concen: 46.302 ng
RT: 23.60 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	9.8	7.9	11.9

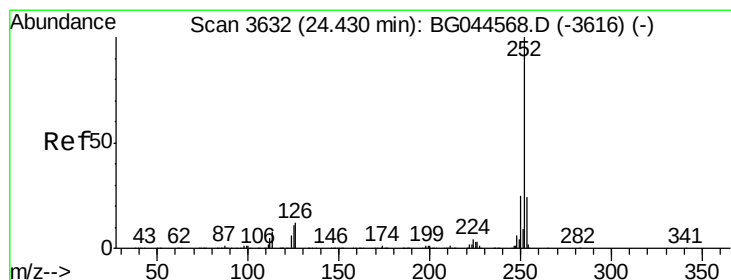
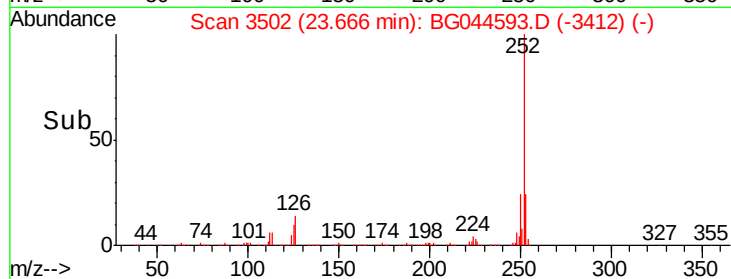
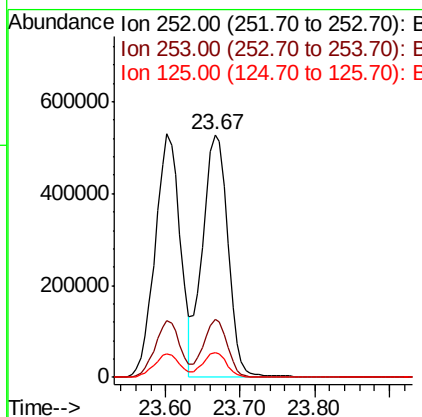
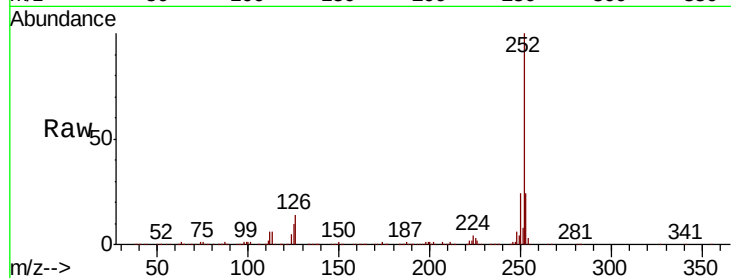




#89
Benzo(k)fluoranthene
Concen: 48.216 ng
RT: 23.67 min Scan# 3502
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

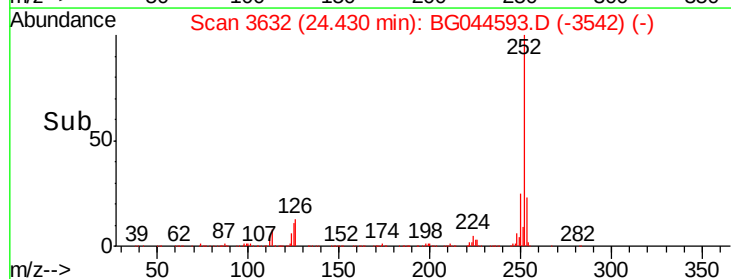
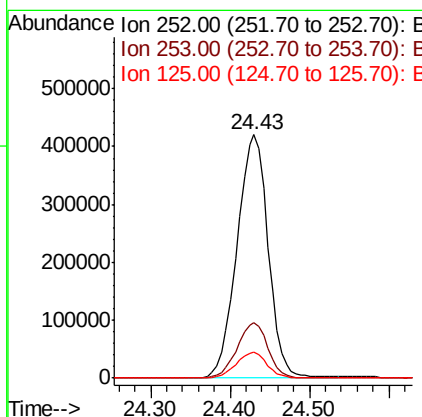
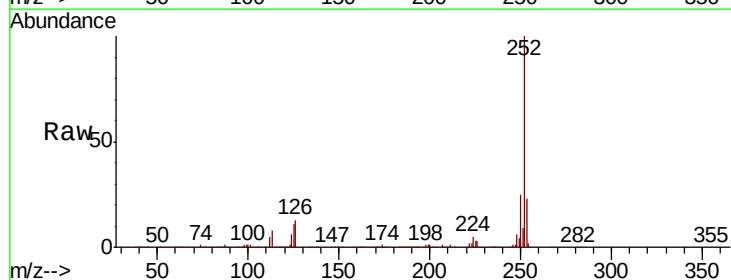
Instrument :
BNA_G
ClientSampleId :

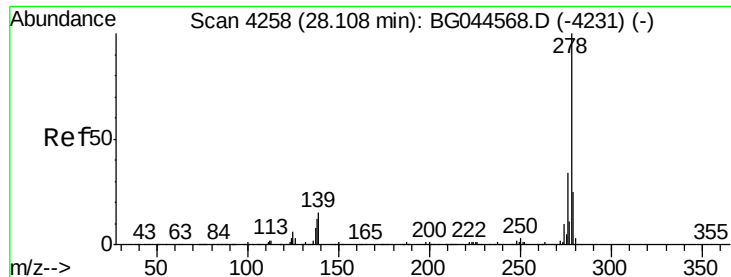
Tot Ion:252 Resp: 1248442
Ion Ratio Lower Upper
252 100
253 23.7 19.0 28.6
125 10.1 7.8 11.8



#90
Benzo(a)pyrene
Concen: 45.730 ng
RT: 24.43 min Scan# 3632
Delta R.T. 0.00 min
Lab File: BG044593.D
Acq: 26 Feb 2020 1:52

Tgt Ion:252 Resp: 1146574
Ion Ratio Lower Upper
252 100
253 22.9 19.0 28.4
125 10.6 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 48.611 ng

RT: 28.11 min Scan# 4258

Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

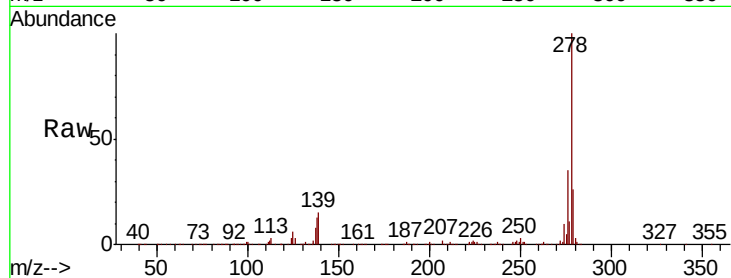
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1205395

Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.7	17.5
279	25.7	19.8	29.6

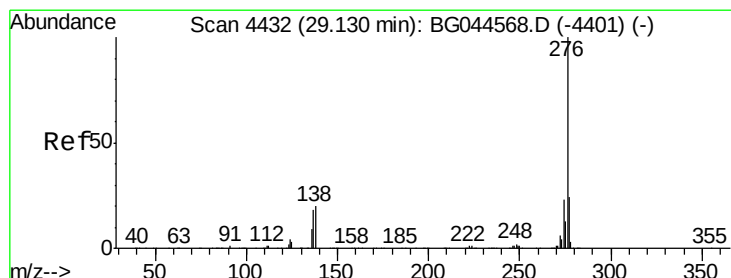
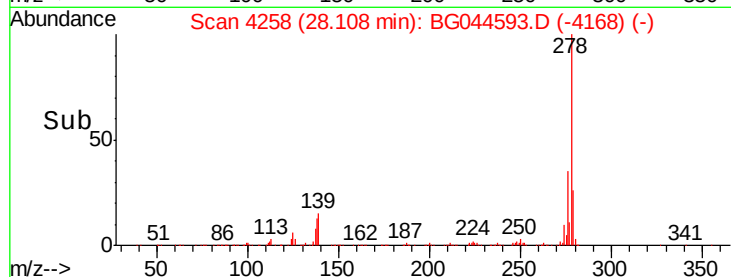
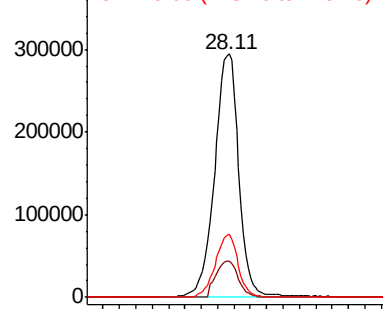


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.058 ng

RT: 29.13 min Scan# 4432

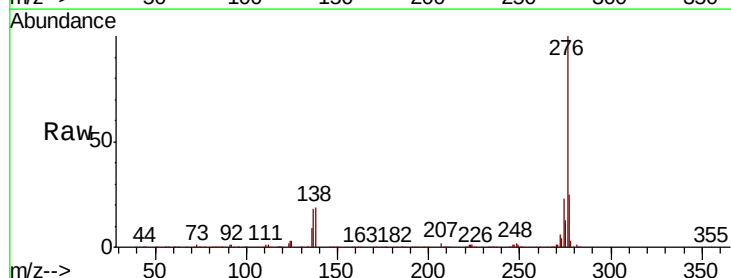
Delta R.T. 0.00 min

Lab File: BG044593.D

Acq: 26 Feb 2020 1:52

Tgt Ion:276 Resp: 1218791

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.5	29.3
138	19.5	16.1	24.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

