

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022820\
 Data File : BG044621.D
 Acq On : 28 Feb 2020 16:28
 Operator : CG/JU
 Sample : L1161-07
 Misc : LOD-MDL-WTR-5PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 02 07:43:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 07:39:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	54233	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	208654	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	139548	20.00	ng	0.00
64) Phenanthrene-d10	17.25	188	322415	20.00	ng	0.00
76) Chrysene-d12	21.50	240	317655	20.00	ng	0.00
87) Perylene-d12	24.56	264	351742	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	481891	142.57	ng	0.00
7) Phenol-d6	7.04	99	612942	132.48	ng	0.00
23) Nitrobenzene-d5	9.02	82	387670	95.72	ng	0.00
42) 2,4,6-Tribromophenol	16.00	330	293873	148.52	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	952330	97.72	ng	0.00
79) Terphenyl-d14	19.87	244	1593285	94.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	7666	5.197	ng	89
3) Pyridine	3.74	79	13607	3.306	ng	# 85
4) n-Nitrosodimethylamine	3.65	42	6895	4.411	ng	# 99
6) Aniline	7.19	93	24695	4.384	ng	98
8) 2-Chlorophenol	7.43	128	16435	4.454	ng	92
9) Benzaldehyde	7.00	77	15347	5.641	ng	98
10) Phenol	7.07	94	19121	4.265	ng	82
11) bis(2-Chloroethyl)ether	7.29	93	16919	4.489	ng	97
12) 1,3-Dichlorobenzene	7.76	146	19308	4.387	ng	98
13) 1,4-Dichlorobenzene	7.90	146	19314	4.367	ng	97
14) 1,2-Dichlorobenzene	8.22	146	18404	4.376	ng	96
15) Benzyl Alcohol	8.11	79	11038	3.537	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.39	45	20839	4.114	ng	99
17) 2-Methylphenol	8.32	107	12975	4.051	ng	93
18) Hexachloroethane	8.95	117	7043	4.357	ng	90
19) n-Nitroso-di-n-propylamine	8.67	70	12538	4.216	ng	95
20) 3+4-Methylphenols	8.65	107	16292	3.715	ng	97
22) Acetophenone	8.69	105	24932	4.759	ng	# 97
24) Nitrobenzene	9.07	77	18855	4.805	ng	93
25) Isophorone	9.59	82	34235	4.519	ng	# 97
26) 2-Nitrophenol	9.79	139	7768	3.650	ng	92
27) 2,4-Dimethylphenol	9.85	122	13995	4.684	ng	98
28) bis(2-Chloroethoxy)methane	10.08	93	20850	4.161	ng	97
29) 2,4-Dichlorophenol	10.34	162	13023	3.646	ng	89
30) 1,2,4-Trichlorobenzene	10.53	180	18186	4.402	ng	96
31) Naphthalene	10.71	128	54515	4.788	ng	99
32) Benzoic acid	9.85	122	13995	12.068	ng	# 15
33) 4-Chloroaniline	10.84	127	18062	3.602	ng	96
34) Hexachlorobutadiene	11.01	225	11142	4.295	ng	94
35) Caprolactam	11.59	113	5175	4.047	ng	93
36) 4-Chloro-3-methylphenol	11.97	107	14768	4.016	ng	92
37) 2-Methylnaphthalene	12.33	142	39084	4.645	ng	98
38) 1-Methylnaphthalene	12.55	142	38316	4.792	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	21489	4.574	ng	100

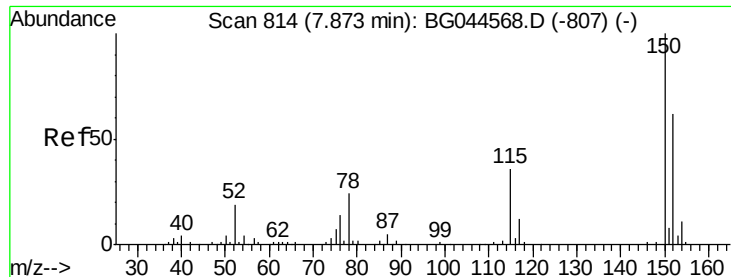
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022820\
 Data File : BG044621.D
 Acq On : 28 Feb 2020 16:28
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 07:39:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.95	196	11073	3.630	ng	97
44) 2,4,5-Trichlorophenol	13.03	196	12937	4.129	ng	92
46) 1,1'-Biphenyl	13.34	154	53552	4.637	ng	98
47) 2-Chloronaphthalene	13.38	162	38962	4.303	ng	97
48) 2-Nitroaniline	13.60	65	8450	3.362	ng	81
49) Acenaphthylene	14.23	152	62699	4.690	ng	100
50) Dimethylphthalate	13.96	163	53623	4.761	ng	97
51) 2,6-Dinitrotoluene	14.08	165	10249	4.126	ng	# 87
52) Acenaphthene	14.57	154	38927	4.568	ng	99
53) 3-Nitroaniline	14.43	138	8734	3.260	ng	97
55) Dibenzofuran	14.91	168	65544	5.017	ng	96
57) 2,4-Dinitrotoluene	14.88	165	13406	3.839	ng	# 92
58) Fluorene	15.56	166	51081	4.932	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.15	232	11366	3.939	ng	# 99
60) Diethylphthalate	15.33	149	52963	4.746	ng	97
61) 4-Chlorophenyl-phenylether	15.56	204	26565	4.717	ng	97
62) 4-Nitroaniline	15.59	138	8086	3.014	ng	90
63) Azobenzene	15.84	77	46161	4.860	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	4116	2.062	ng	91
66) n-Nitrosodiphenylamine	15.77	169	45538	4.528	ng	98
67) 4-Bromophenyl-phenylether	16.45	248	17167	4.290	ng	95
68) Hexachlorobenzene	16.57	284	19363	4.279	ng	96
69) Atrazine	16.72	200	17570	4.726	ng	97
71) Phenanthrene	17.29	178	86659	4.855	ng	97
72) Anthracene	17.39	178	86937	4.942	ng	97
73) Carbazole	17.66	167	70565	4.407	ng	98
74) Di-n-butylphthalate	18.22	149	88900	4.431	ng	99
75) Fluoranthene	19.31	202	101738	4.815	ng	98
77) Benzidine	19.49	184	37777	3.472	ng	95
78) Pyrene	19.67	202	108219	4.693	ng	98
80) Butylbenzylphthalate	20.56	149	36994	3.668	ng	98
81) Benzo(a)anthracene	21.48	228	102824	4.606	ng	97
82) 3,3'-Dichlorobenzidine	21.41	252	37798	4.285	ng	97
83) Chrysene	21.54	228	100142	4.639	ng	95
84) Bis(2-ethylhexyl)phthalate	21.40	149	55929	4.024	ng	97
85) Di-n-octyl phthalate	22.56	149	92147	3.769	ng	99
86) Indeno(1,2,3-cd)pyrene	28.04	276	108867	3.930	ng	# 88
88) Benzo(b)fluoranthene	23.60	252	99224	4.291	ng	97
89) Benzo(k)fluoranthene	23.66	252	102151	4.552	ng	99
90) Benzo(a)pyrene	24.42	252	89271	4.108	ng	97
91) Dibenzo(a,h)anthracene	28.09	278	89918	4.184	ng	95
92) Benzo(g,h,i)perylene	29.10	276	94946	4.410	ng	96

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

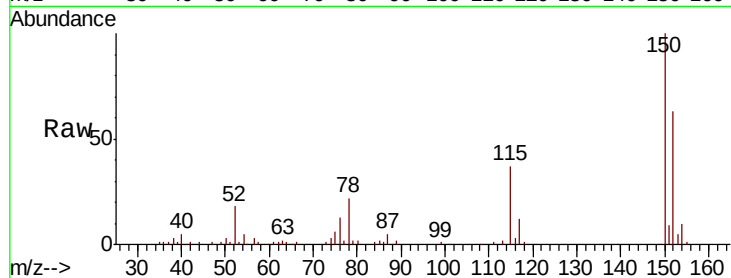


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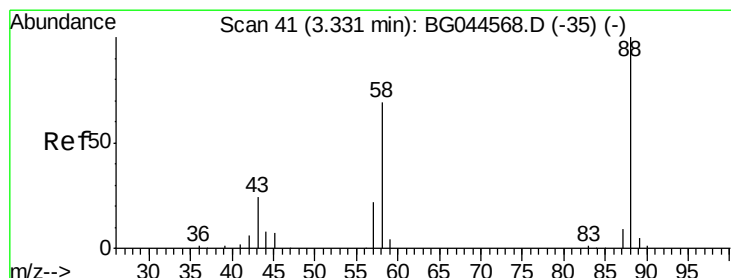
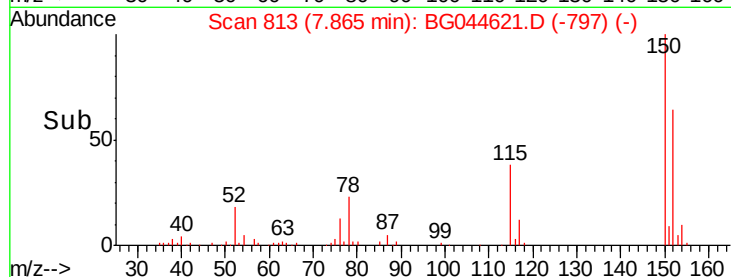
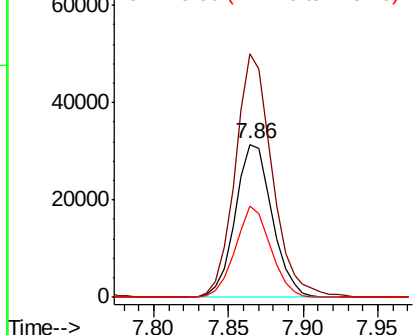
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.86 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54233
Ion Ratio Lower Upper
152 100
150 158.9 128.9 193.3
115 59.6 47.0 70.4



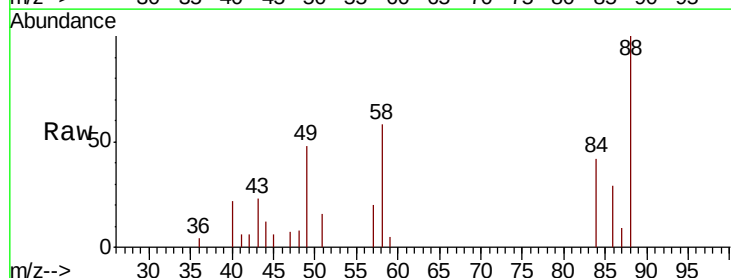
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



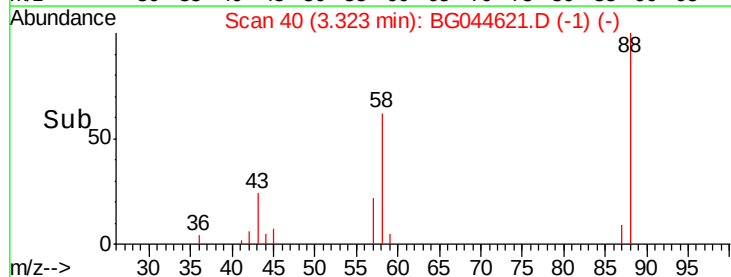
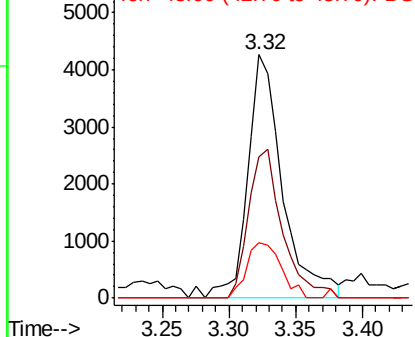
#2

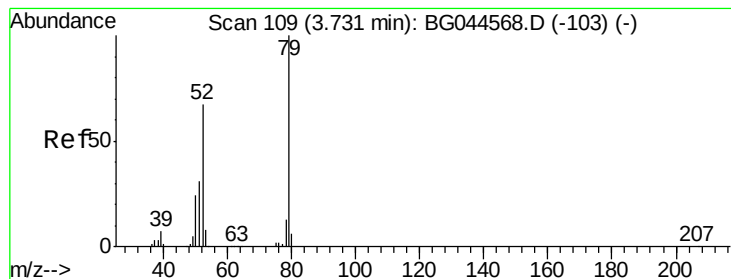
1,4-Dioxane
Concen: 5.197 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Tgt Ion: 88 Resp: 7666
Ion Ratio Lower Upper
88 100
58 59.3 55.8 83.8
43 22.5 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: 3.306 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Instrument :

BNA_G

ClientSampleId :

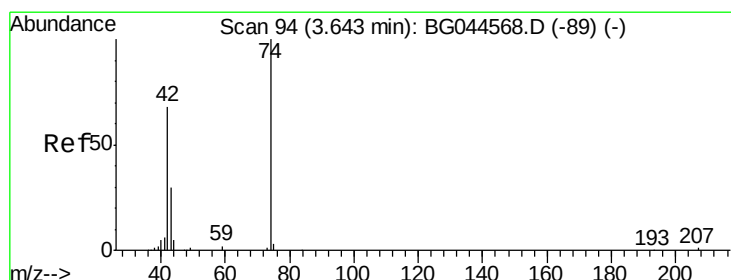
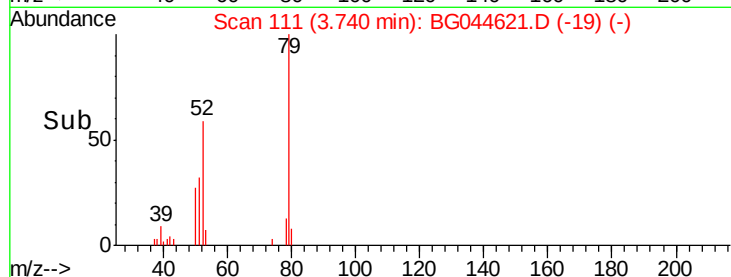
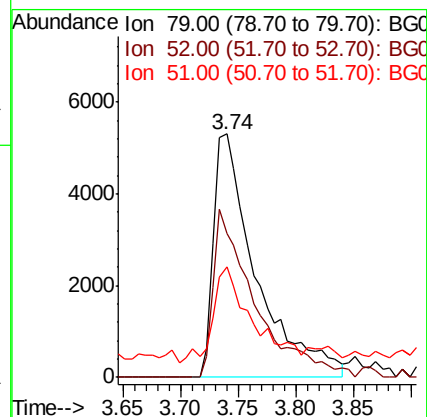
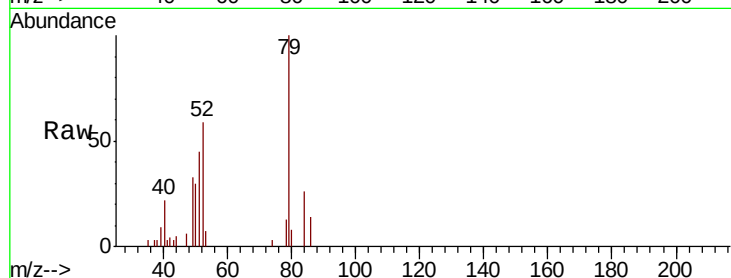
Tot Ion: 79 Resp: 13607

Ion Ratio Lower Upper

79 100

52 59.0 53.7 80.5

51 45.4 25.4 38.0#



#4

n-Nitrosodimethylamine

Concen: 4.411 ng

RT: 3.65 min Scan# 95

Delta R.T. 0.00 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

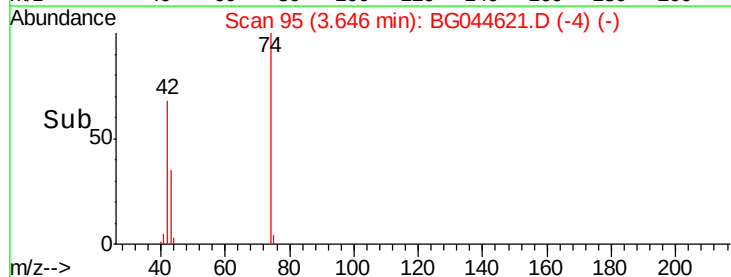
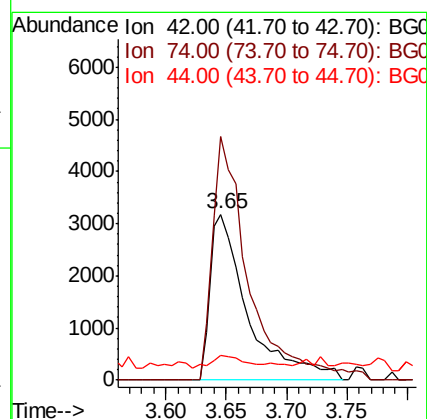
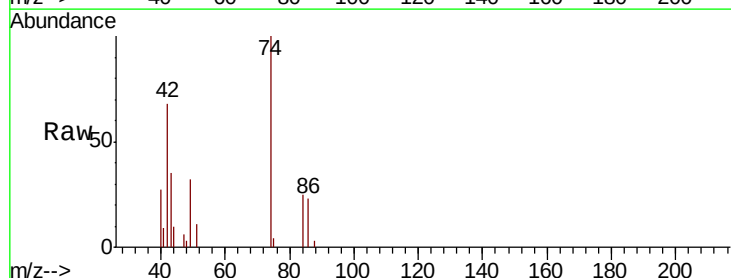
Tgt Ion: 42 Resp: 6895

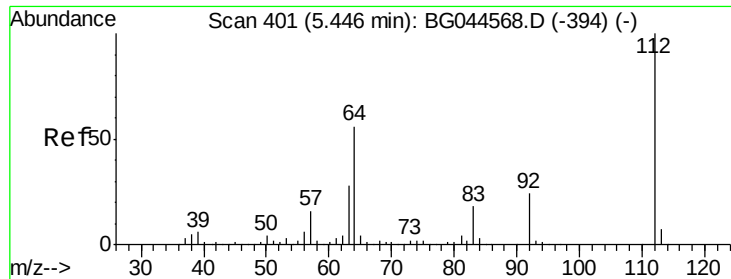
Ion Ratio Lower Upper

42 100

74 146.8 117.6 176.4

44 15.2 6.3 9.5#





#5

2-Fluorophenol

Concen: 142.566 ng

RT: 5.44 min Scan# 401

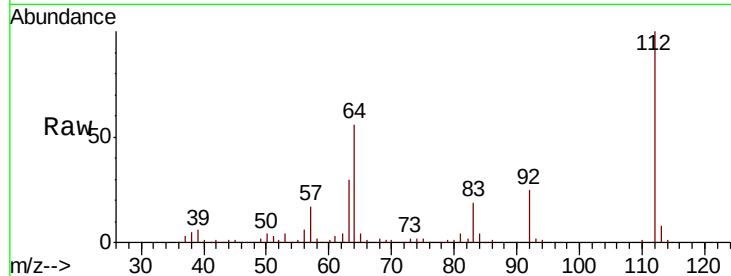
Delta R.T. -0.00 min

Lab File: BG044621.D

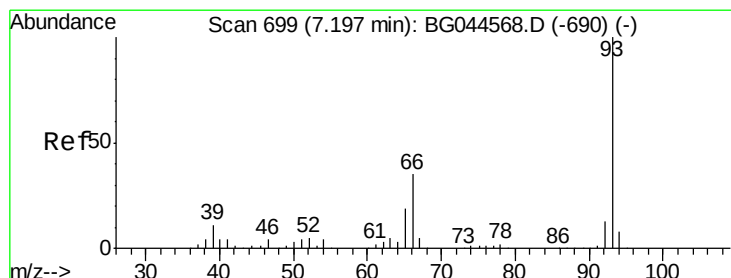
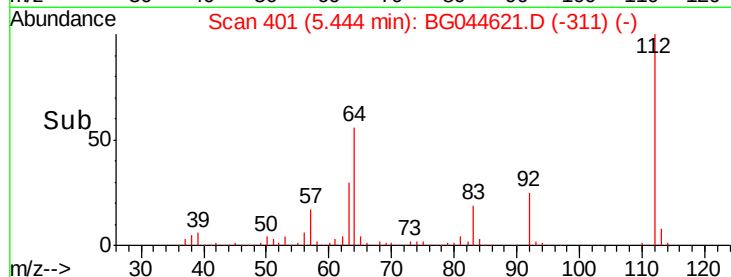
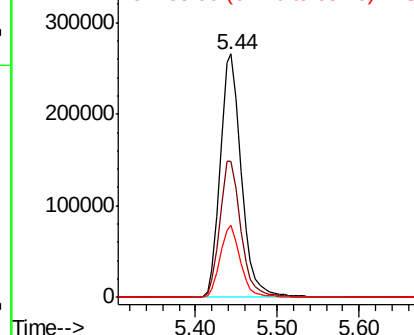
Acq: 28 Feb 2020 16:28

Instrument :
BNA_G
ClientSampled :

Tot Ion:	112	Resp:	481891
Ion	Ratio	Lower	Upper
112	100		
64	55.8	44.8	67.2
63	29.6	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: 4.384 ng

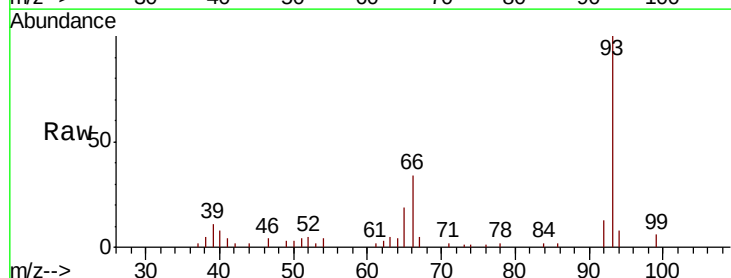
RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

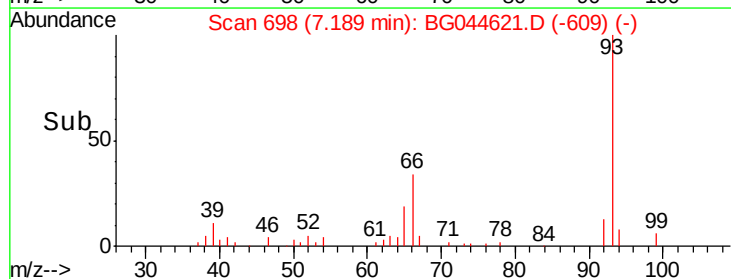
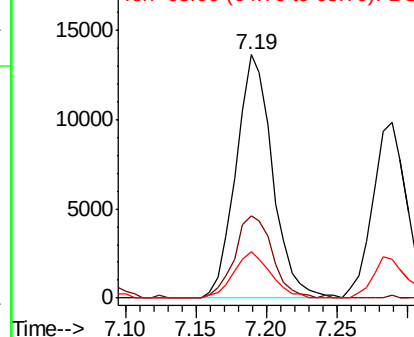
Lab File: BG044621.D

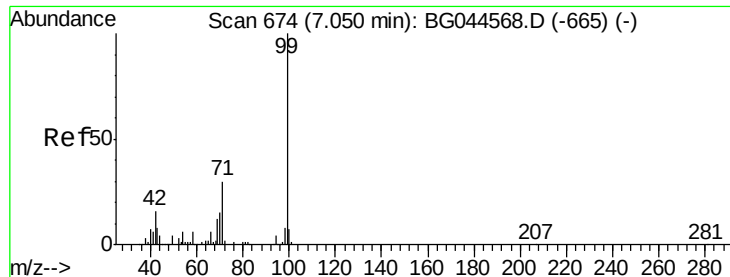
Acq: 28 Feb 2020 16:28

Tgt Ion:	93	Resp:	24695
Ion	Ratio	Lower	Upper
93	100		
66	33.7	27.8	41.8
65	19.2	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: 132.478 ng

RT: 7.04 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Instrument :

BNA_G

ClientSampled :

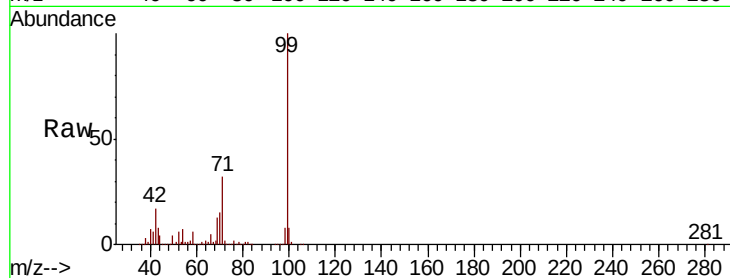
Tot Ion: 99 Resp: 612942

Ion Ratio Lower Upper

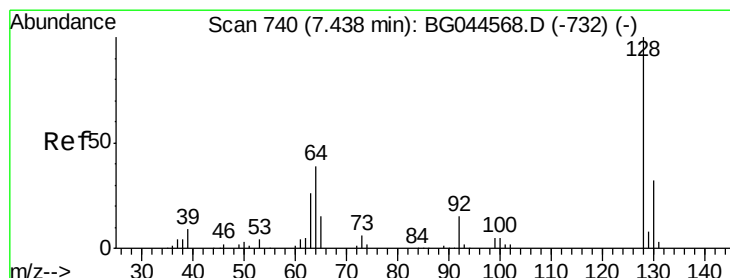
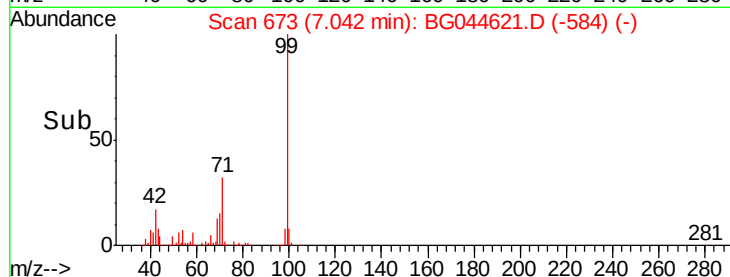
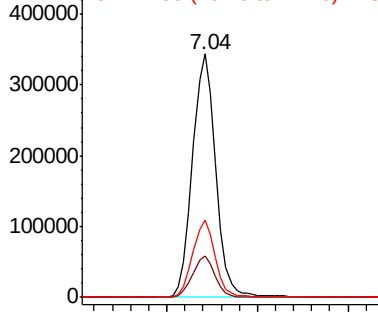
99 100

42 16.9 12.8 19.2

71 31.9 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: 4.454 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

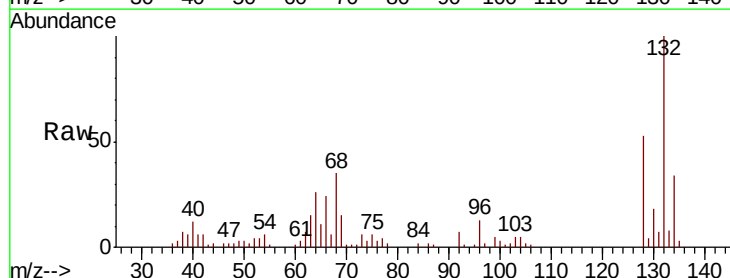
Tgt Ion: 128 Resp: 16435

Ion Ratio Lower Upper

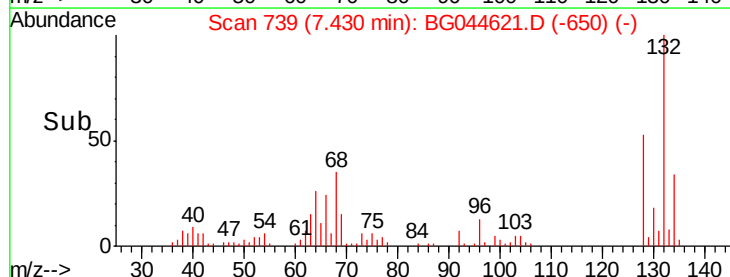
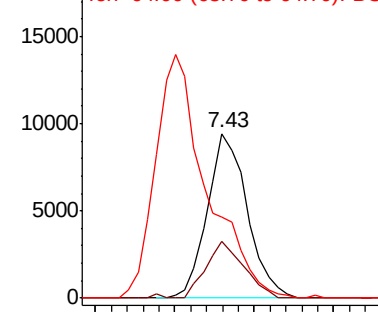
128 100

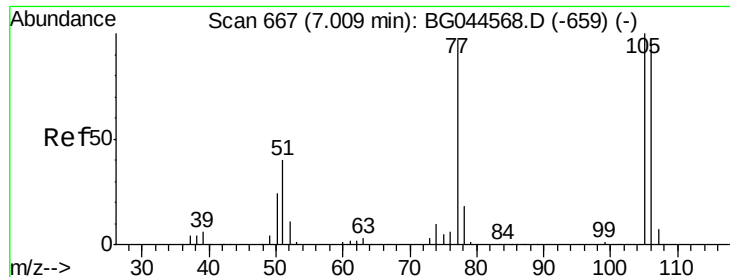
130 34.4 12.3 52.3

64 49.1 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: 5.641 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Instrument :

BNA_G

ClientSampled :

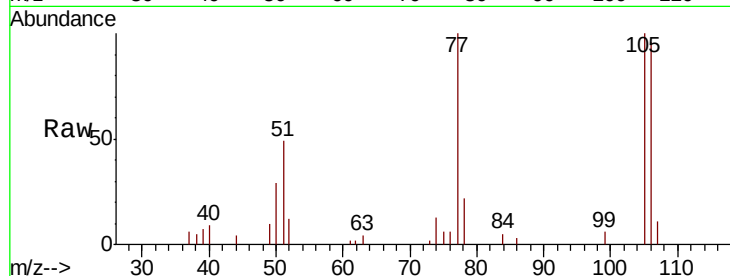
Tot Ion: 77 Resp: 15347

Ion Ratio Lower Upper

77 100

105 100.3 83.6 123.6

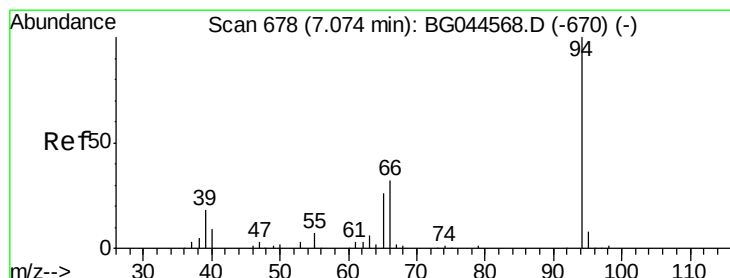
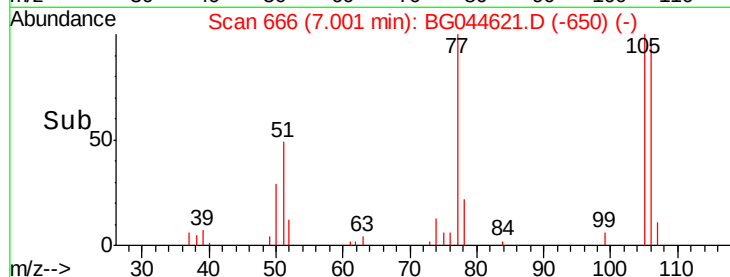
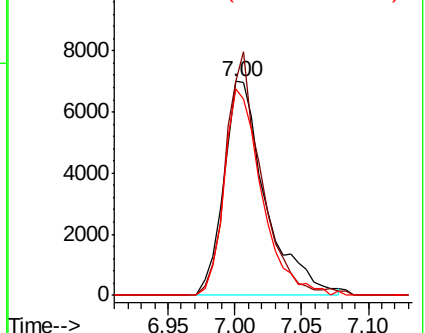
106 96.8 78.2 118.2



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: 4.265 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

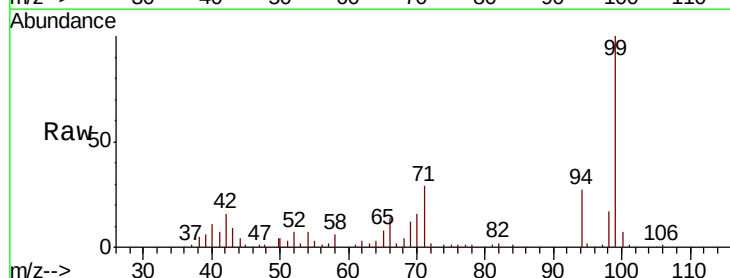
Tgt Ion: 94 Resp: 19121

Ion Ratio Lower Upper

94 100

65 29.3 6.4 46.4

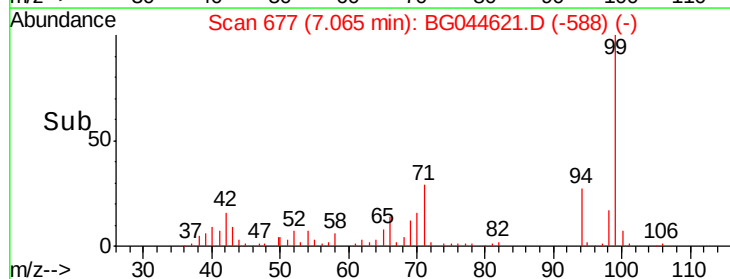
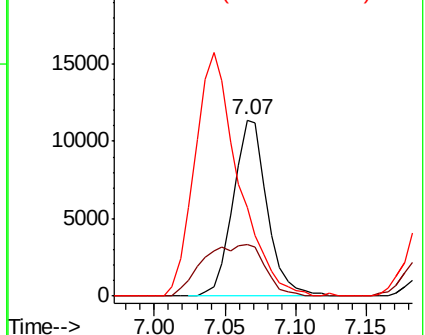
66 50.1 13.9 53.9

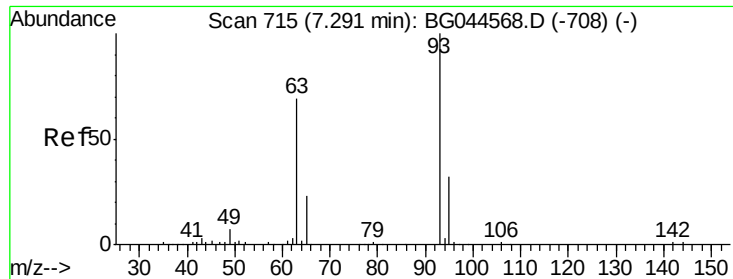


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 4.489 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Instrument :

BNA_G

ClientSampleId :

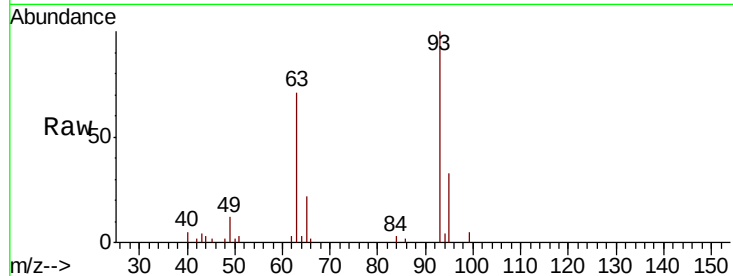
Tot Ion: 93 Resp: 16919

Ion Ratio Lower Upper

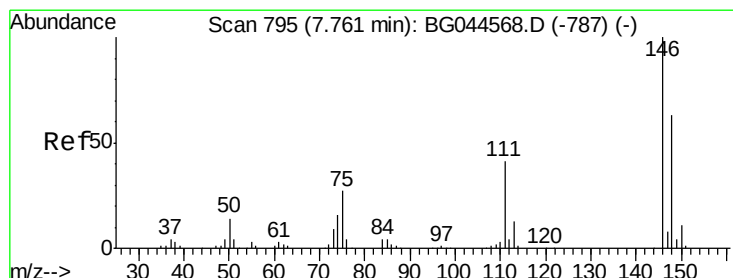
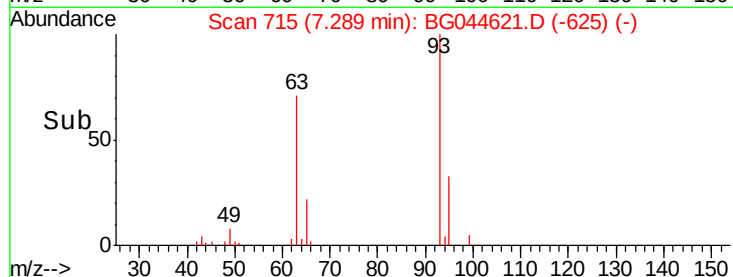
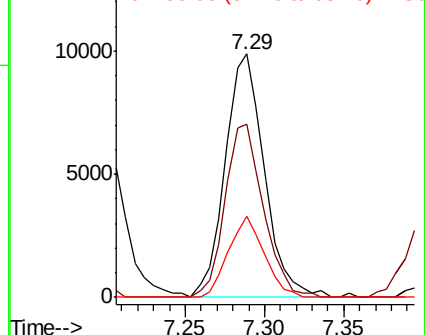
93 100

63 70.9 48.9 88.9

95 33.2 11.3 51.3



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



#12

1,3-Dichlorobenzene

Concen: 4.387 ng

RT: 7.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

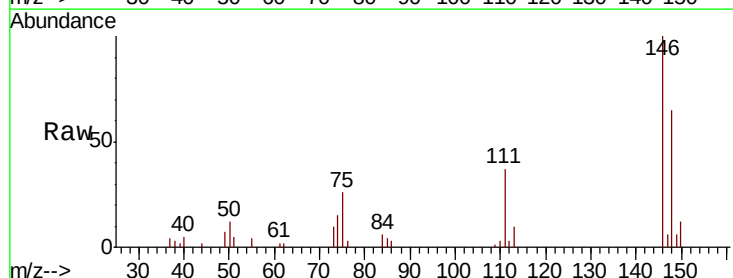
Tgt Ion: 146 Resp: 19308

Ion Ratio Lower Upper

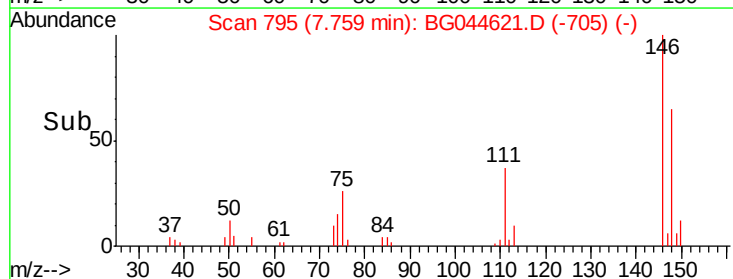
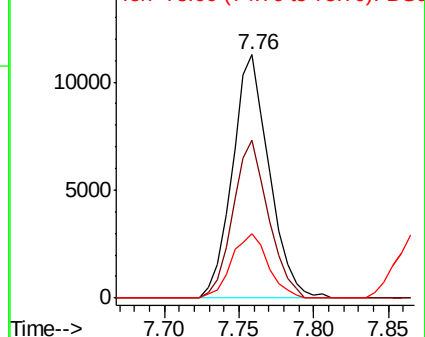
146 100

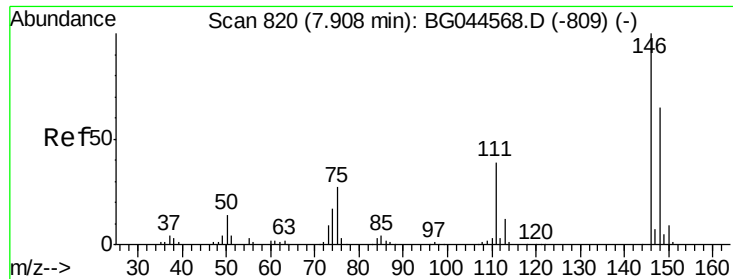
148 65.0 50.6 75.8

75 26.5 21.4 32.0



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

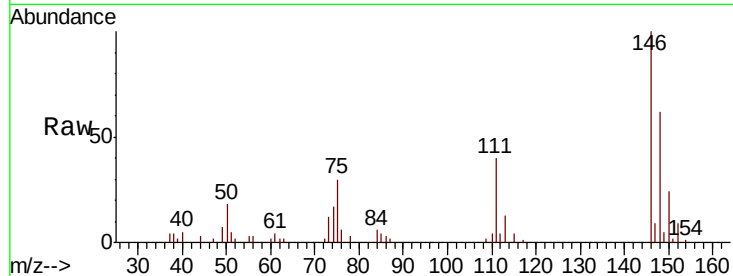




#13
 1,4-Dichlorobenzene
 Concen: 4.367 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG044621.D
 Acq: 28 Feb 2020 16:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.6	51.9	77.9
111	39.7	30.8	46.2

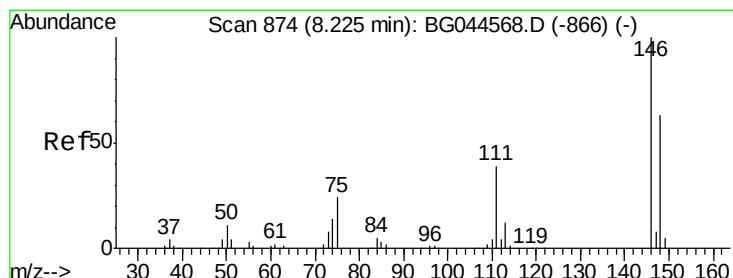
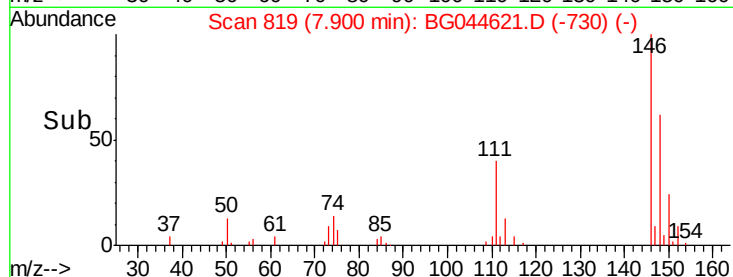
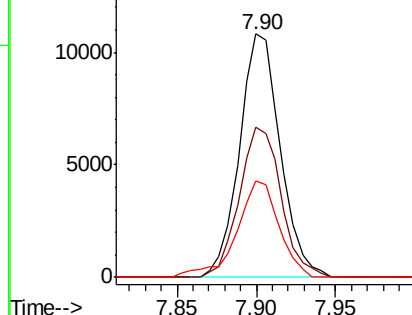


Abundance

Ion 146.00 (145.70 to 146.70): E

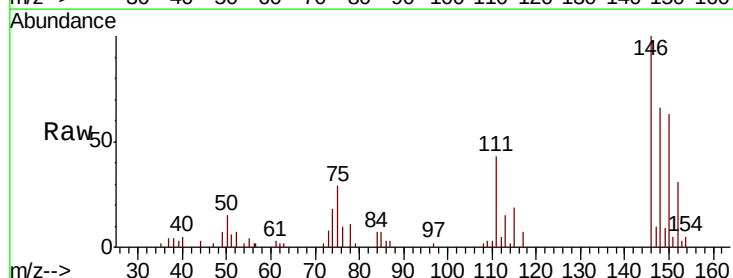
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 4.376 ng
 RT: 8.22 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG044621.D
 Acq: 28 Feb 2020 16:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.7	76.1
111	43.0	31.8	47.6

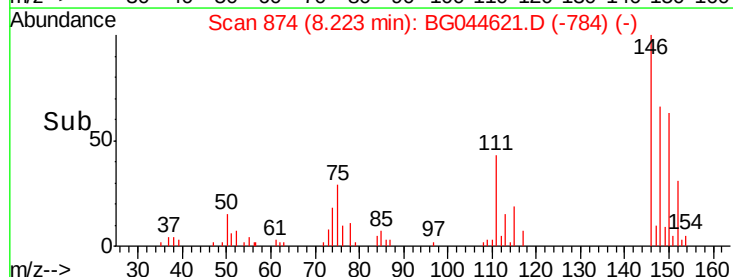
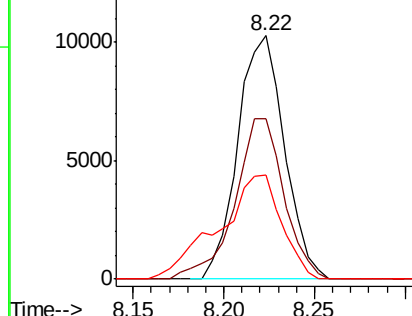


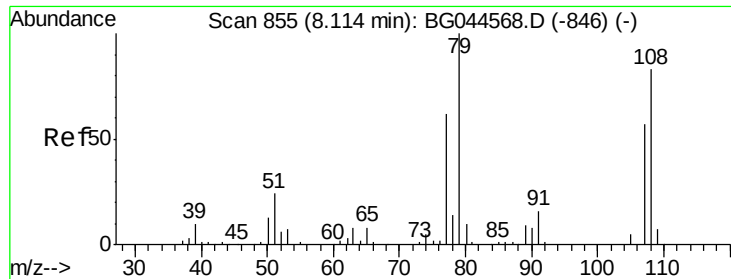
Abundance

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: 3.537 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Instrument :

BNA_G

ClientSampled :

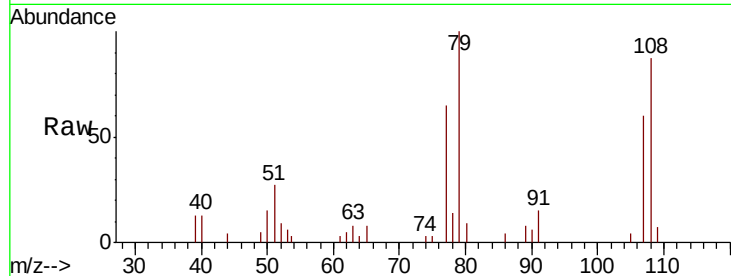
Tot Ion: 79 Resp: 11038

Ion Ratio Lower Upper

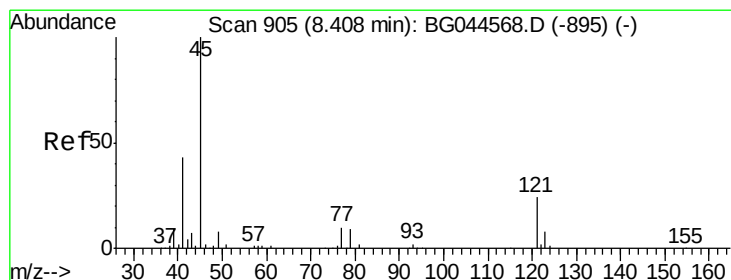
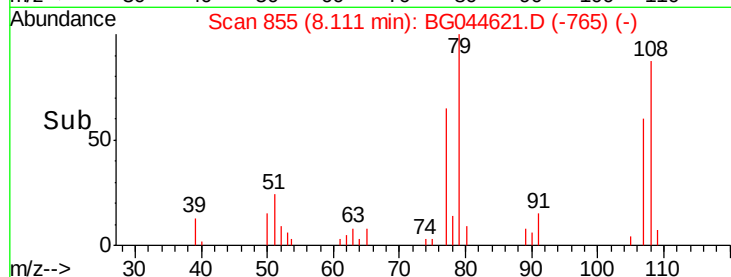
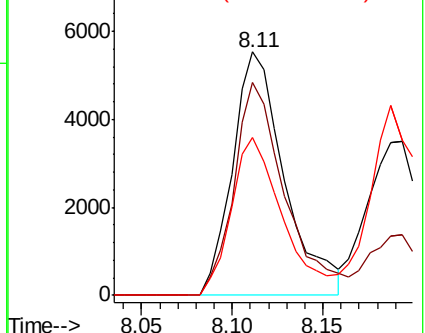
79 100

108 87.4 66.0 99.0

77 64.9 49.6 74.4



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 4.114 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

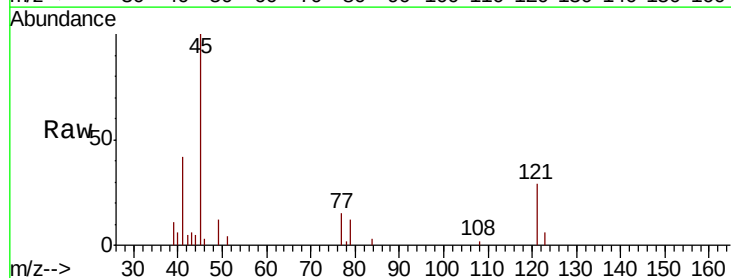
Tgt Ion: 45 Resp: 20839

Ion Ratio Lower Upper

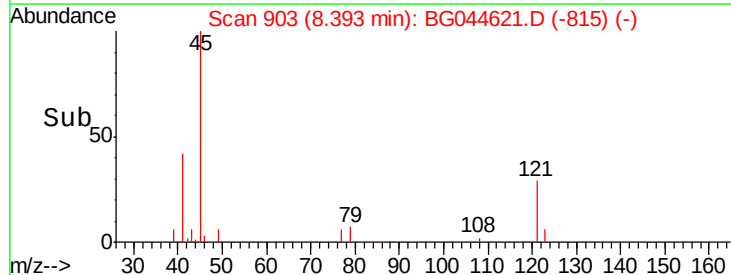
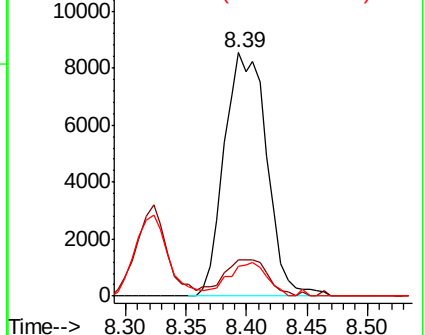
45 100

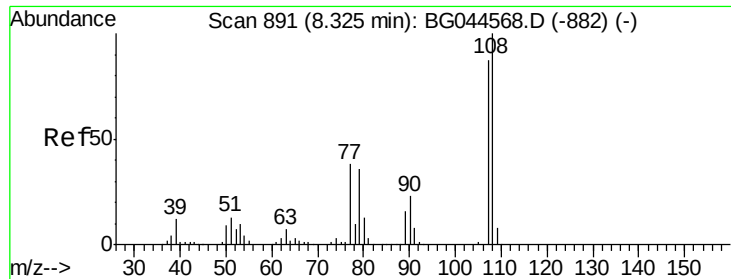
77 14.8 0.0 34.4

79 12.3 0.0 32.3



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

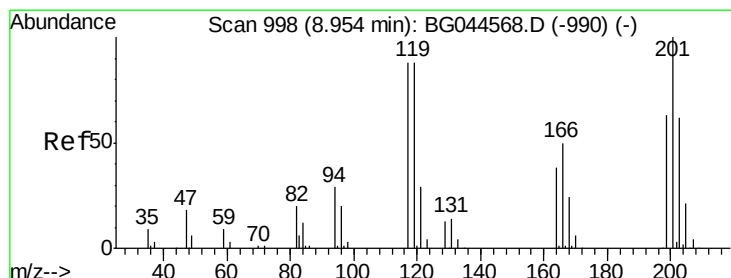
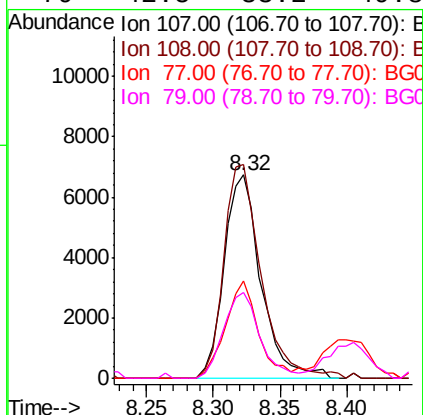
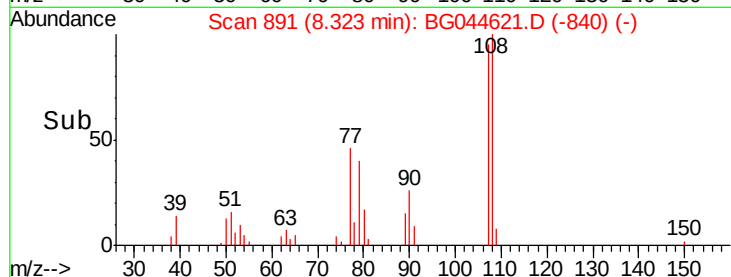
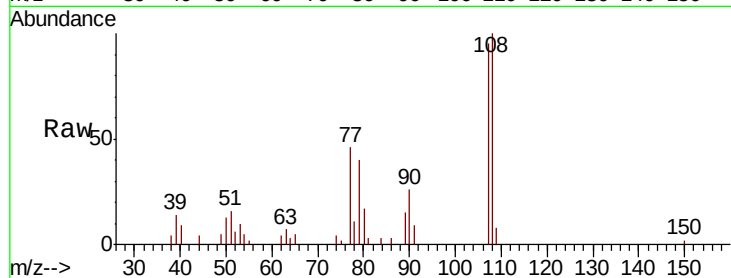




#17
2-Methylphenol
Concen: 4.051 ng
RT: 8.32 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

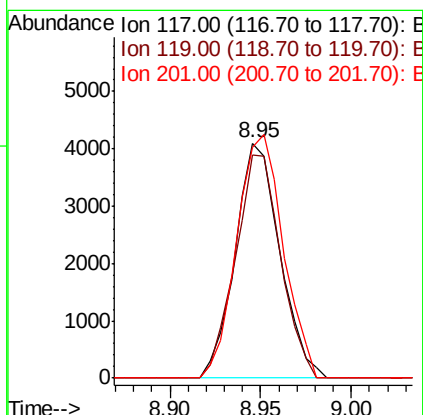
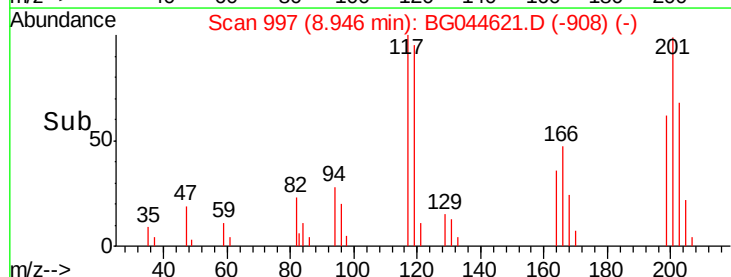
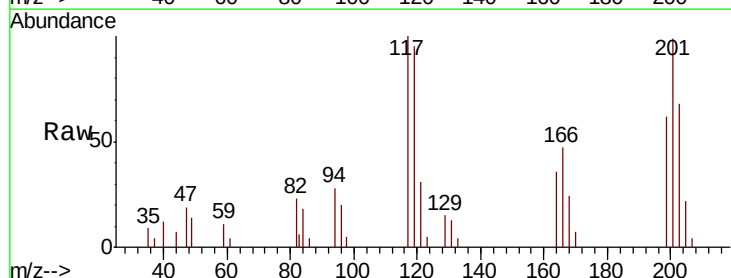
Instrument :
BNA_G
ClientSampleId :

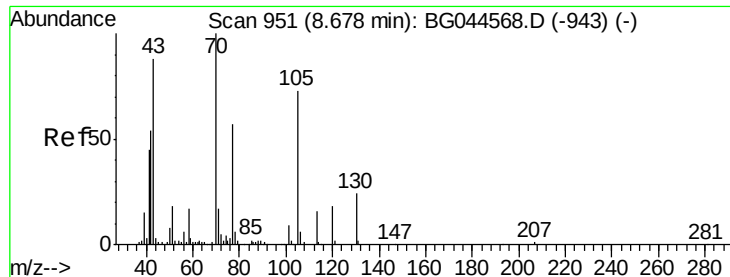
Tot Ion:	107	Resp:	12975
Ion	Ratio	Lower	Upper
107	100		
108	105.2	91.7	137.5
77	47.9	35.1	52.7
79	42.5	33.2	49.8



#18
Hexachloroethane
Concen: 4.357 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Tgt Ion:	117	Resp:	7043
Ion	Ratio	Lower	Upper
117	100		
119	95.0	80.0	120.0
201	98.6	90.5	135.7

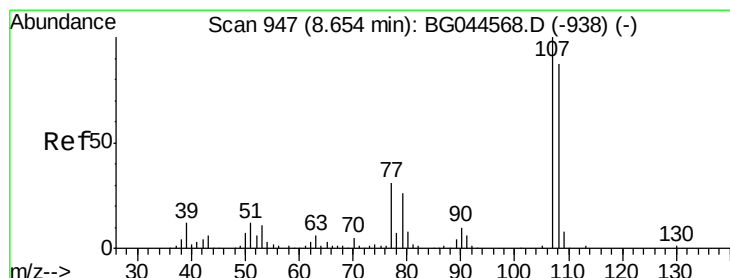
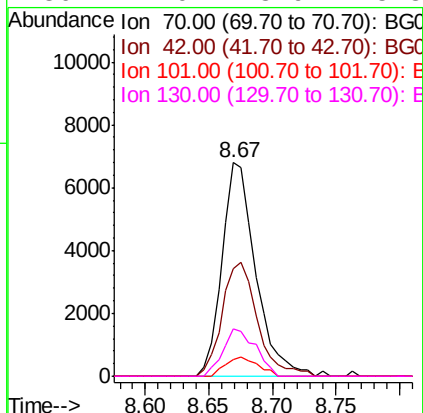
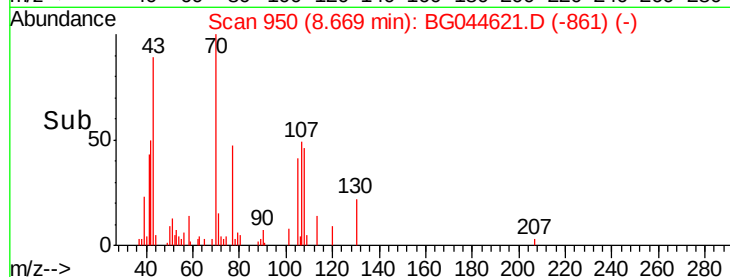
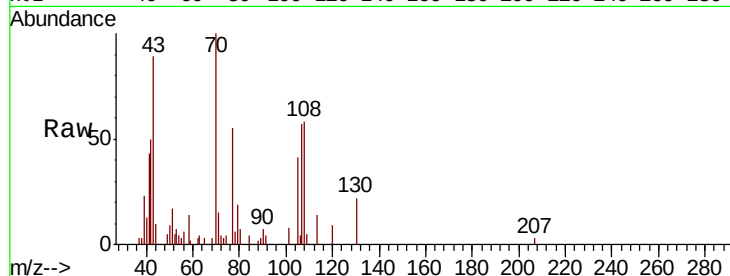




#19
n-Nitroso-di-n-propylamine
Concen: 4.216 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

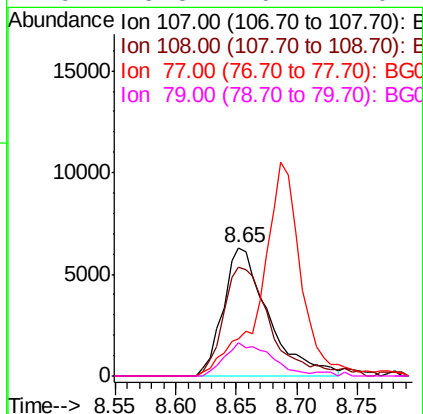
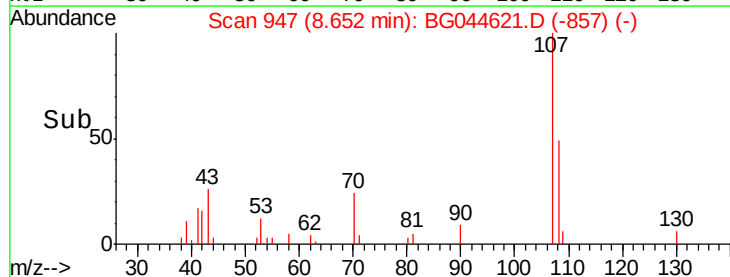
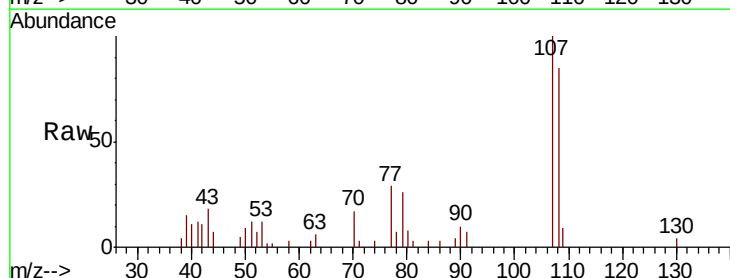
Instrument :
BNA_G
ClientSampled :

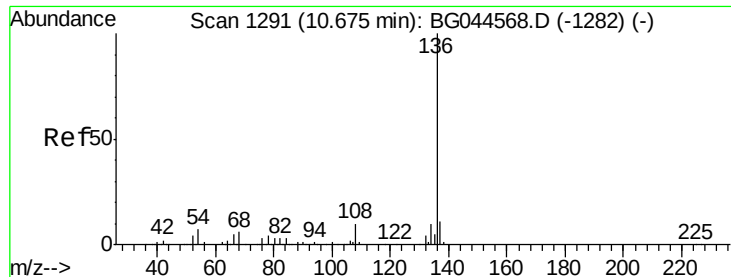
Tot Ion:	70	Resp:	12538
Ion	Ratio	Lower	Upper
70	100		
42	50.5	43.4	65.0
101	8.0	7.5	11.3
130	22.0	18.9	28.3



#20
3+4-Methylphenols
Concen: 3.715 ng
RT: 8.65 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Tgt Ion:	107	Resp:	16292
Ion	Ratio	Lower	Upper
107	100		
108	85.4	67.5	107.5
77	28.6	11.3	51.3
79	25.8	6.4	46.4

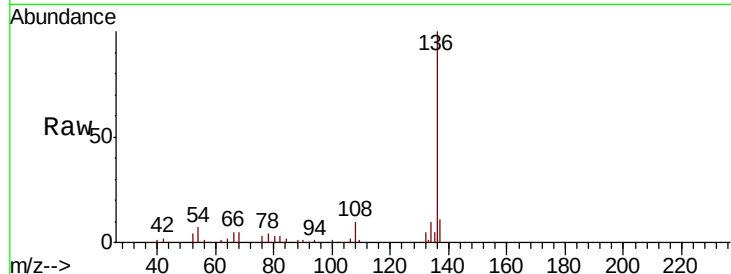




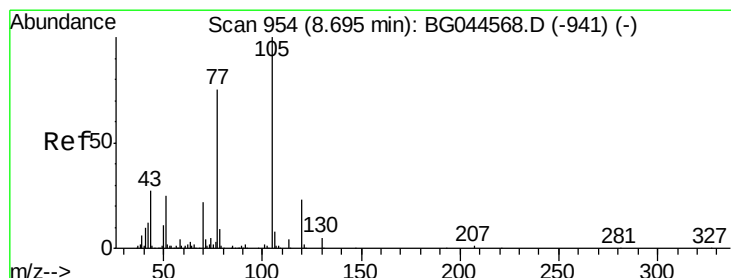
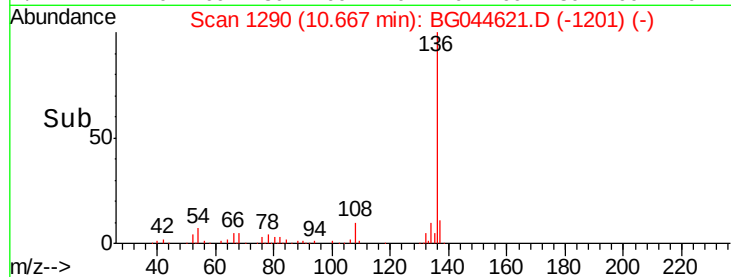
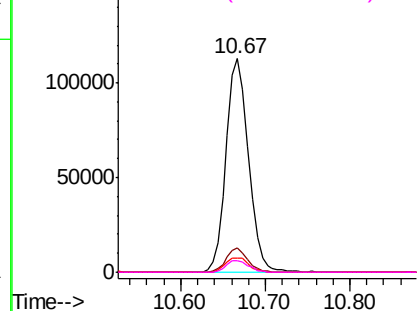
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	208654
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.8 13.2
54	6.7	5.7 8.5
68	5.5	4.5 6.7

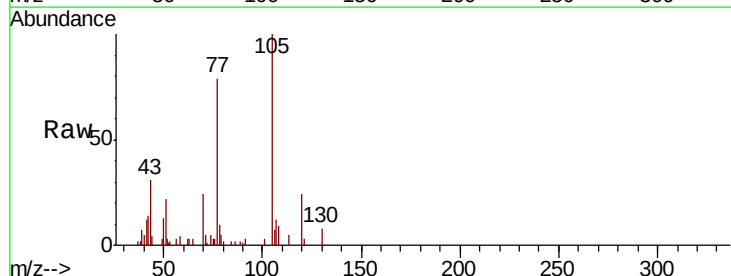


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

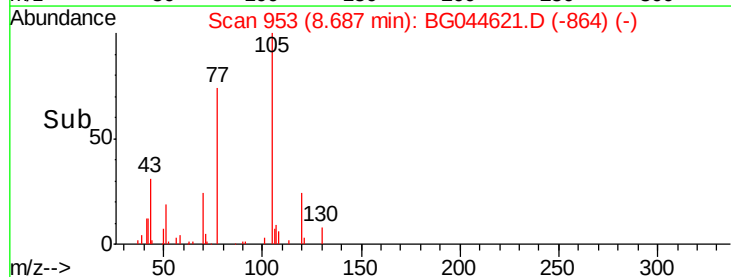
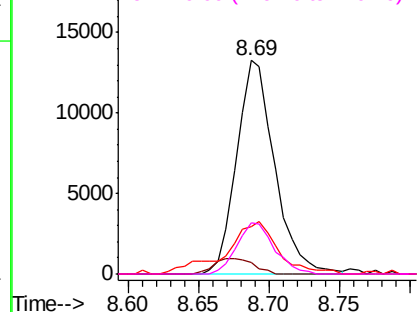


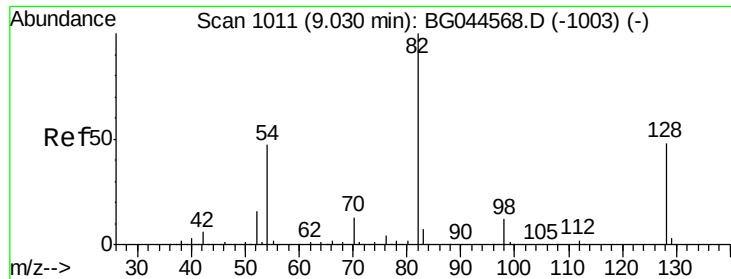
#22
Acetophenone
Concen: 4.759 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Tgt Ion:105	Resp:	24932
Ion Ratio	Lower	Upper
105	100	
71	5.3	2.8 4.2#
51	22.3	19.9 29.9
120	23.7	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

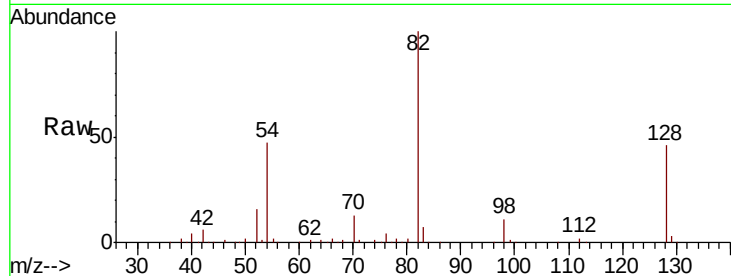




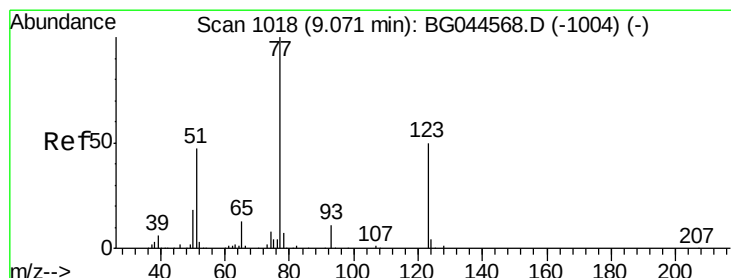
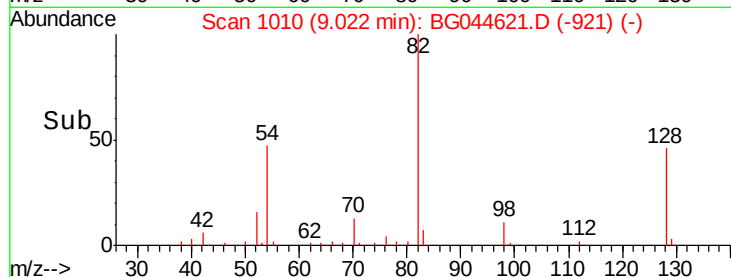
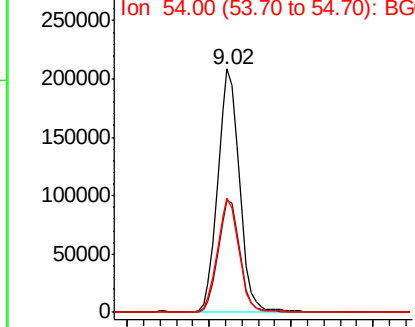
#23
 Nitrobenzene-d5
 Concen: 95.719 ng
 RT: 9.02 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG044621.D
 Acq: 28 Feb 2020 16:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 387670
 Ion Ratio Lower Upper
 82 100
 128 46.1 38.1 57.1
 54 47.1 37.5 56.3

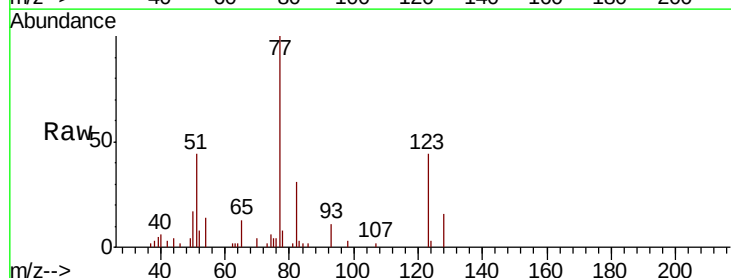


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

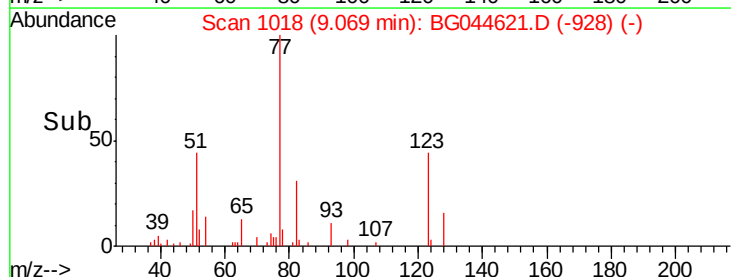
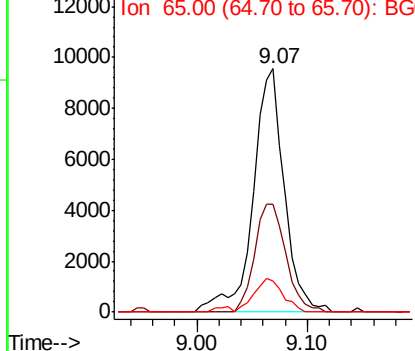


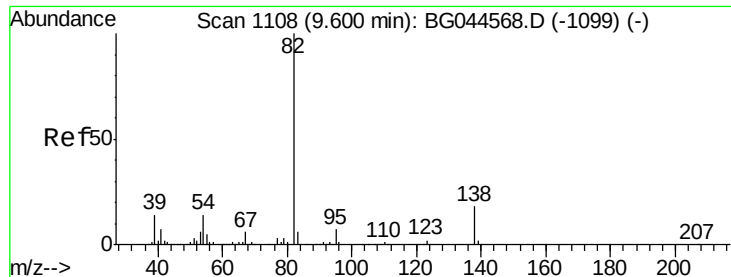
#24
 Nitrobenzene
 Concen: 4.805 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG044621.D
 Acq: 28 Feb 2020 16:28

Tgt Ion: 77 Resp: 18855
 Ion Ratio Lower Upper
 77 100
 123 44.4 40.1 60.1
 65 12.6 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 4.519 ng

RT: 9.59 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Instrument :

BNA_G

ClientSampleId :

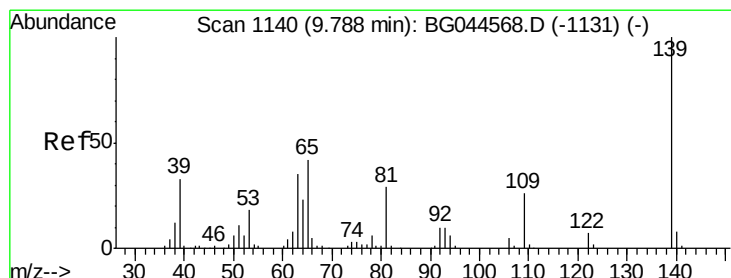
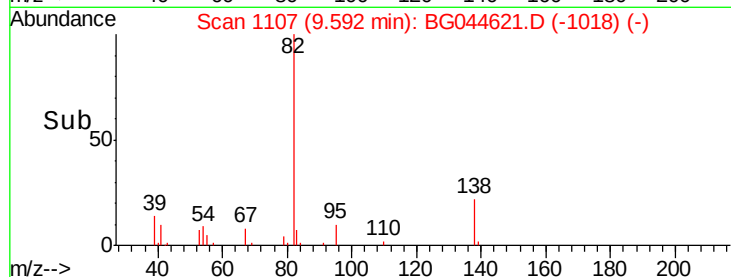
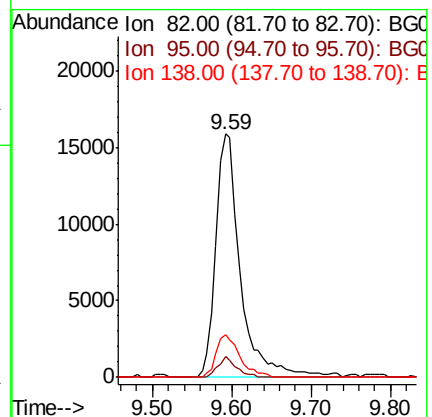
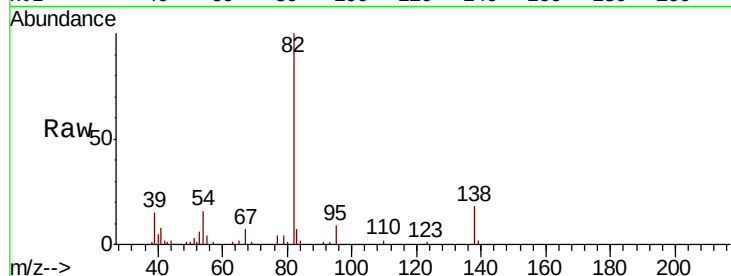
Tot Ion: 82 Resp: 34235

Ion Ratio Lower Upper

82 100

95 8.5 5.6 8.4#

138 17.6 14.7 22.1



#26

2-Nitrophenol

Concen: 3.650 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

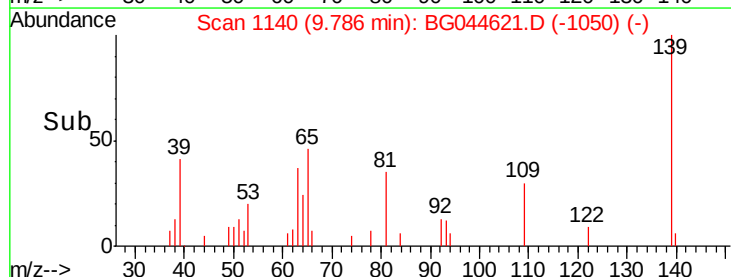
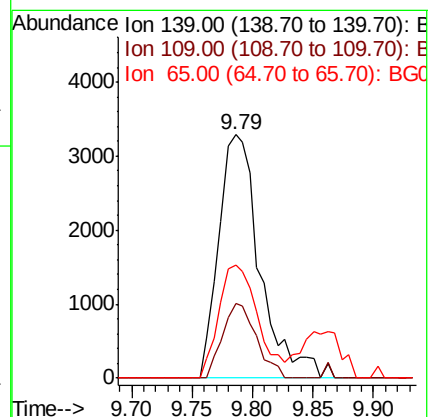
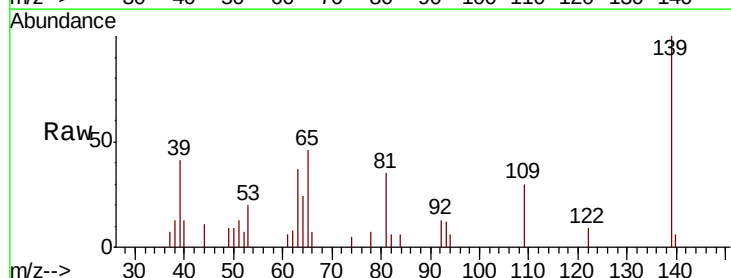
Tgt Ion: 139 Resp: 7768

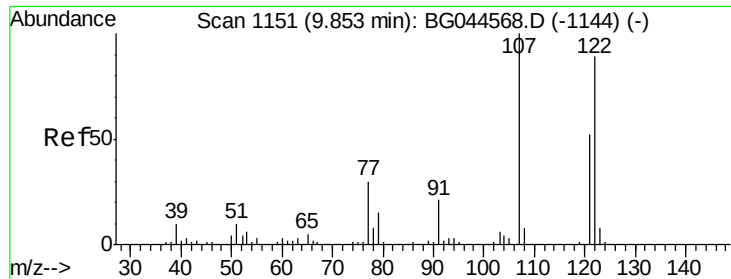
Ion Ratio Lower Upper

139 100

109 30.4 20.6 31.0

65 46.4 33.3 49.9

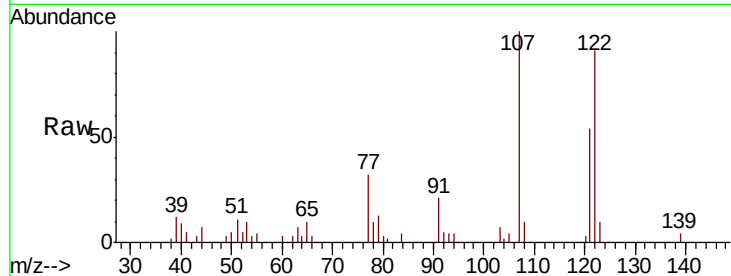




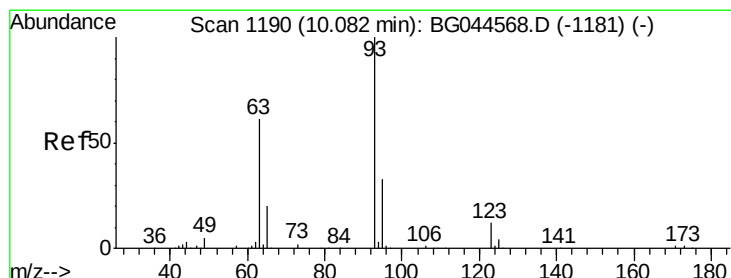
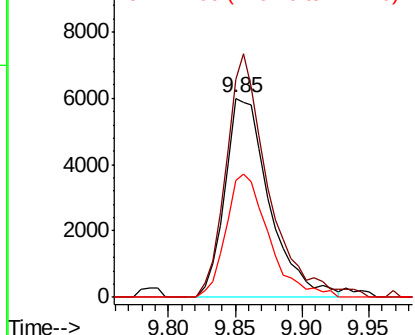
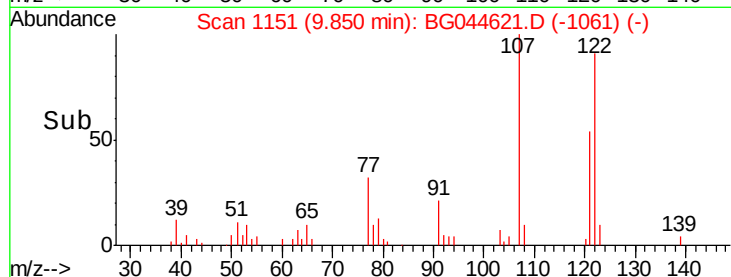
#27
 2,4-Dimethylphenol
 Concen: 4.684 ng
 RT: 9.85 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BG044621.D
 Acq: 28 Feb 2020 16:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 13995
 Ion Ratio Lower Upper
 122 100
 107 109.5 89.4 134.0
 121 58.9 46.5 69.7

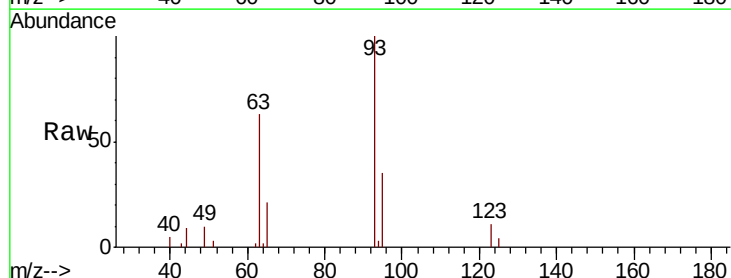


Abundance Ion 122.00 (121.70 to 122.70): E
 10000 Ion 107.00 (106.70 to 107.70): E
 8000 Ion 121.00 (120.70 to 121.70): E

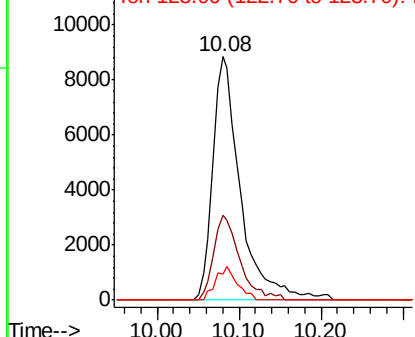
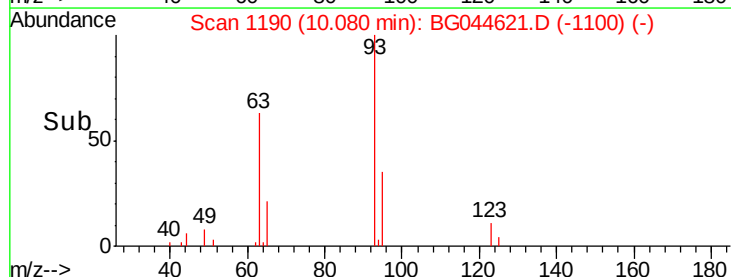


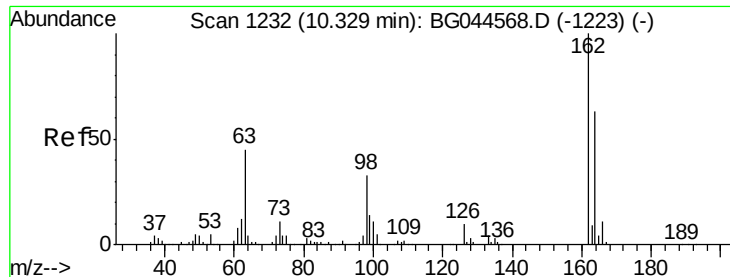
#28
 bis(2-Chloroethoxy)methane
 Concen: 4.161 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BG044621.D
 Acq: 28 Feb 2020 16:28

Tgt Ion: 93 Resp: 20850
 Ion Ratio Lower Upper
 93 100
 95 35.0 26.5 39.7
 123 10.7 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
 12000 Ion 95.00 (94.70 to 95.70): BGC
 10000 Ion 123.00 (122.70 to 123.70): E

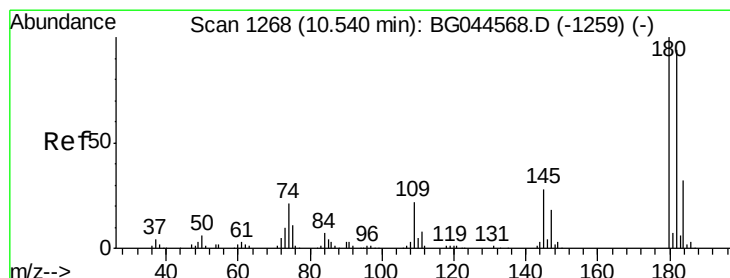
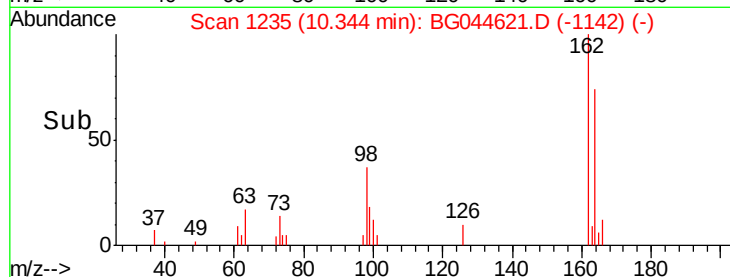
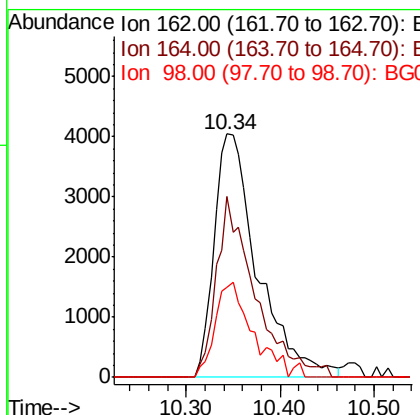
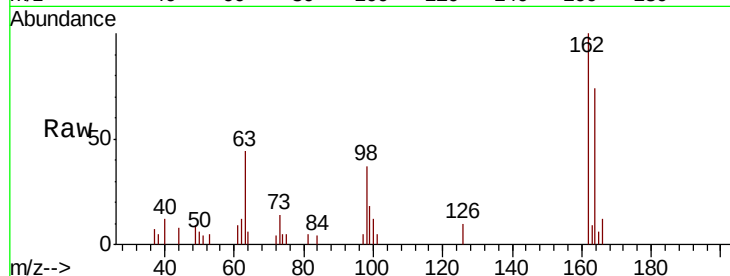




#29
 2,4-Dichlorophenol
 Concen: 3.646 ng
 RT: 10.34 min Scan# 1235
 Delta R.T. 0.02 min
 Lab File: BG044621.D
 Acq: 28 Feb 2020 16:28

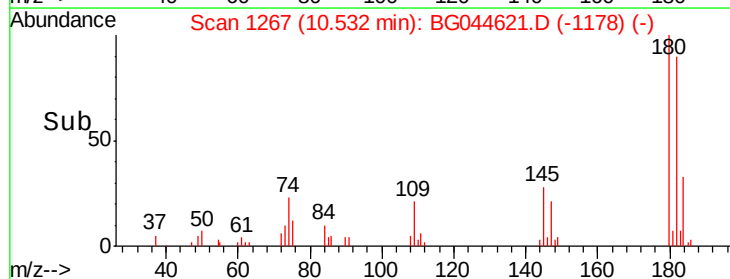
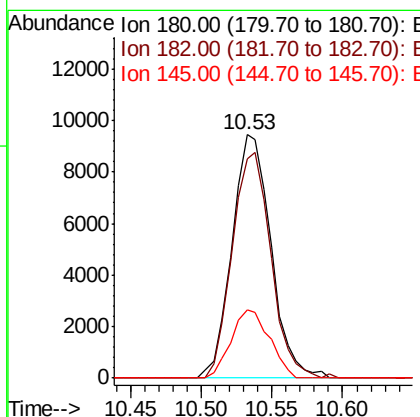
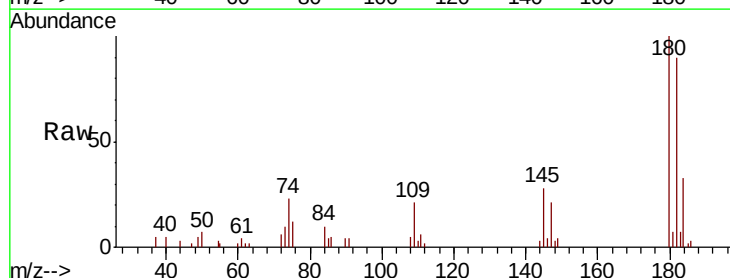
Instrument :
 BNA_G
 ClientSampled :

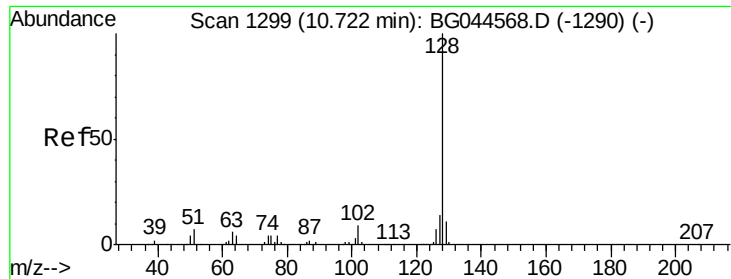
Tot Ion:162 Resp: 13023
 Ion Ratio Lower Upper
 162 100
 164 74.2 43.2 83.2
 98 36.8 13.2 53.2



#30
 1,2,4-Trichlorobenzene
 Concen: 4.402 ng
 RT: 10.53 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BG044621.D
 Acq: 28 Feb 2020 16:28

Tgt Ion:180 Resp: 18186
 Ion Ratio Lower Upper
 180 100
 182 90.0 75.6 113.4
 145 28.1 22.2 33.2

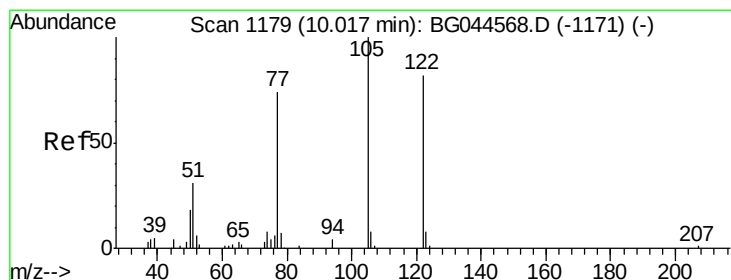
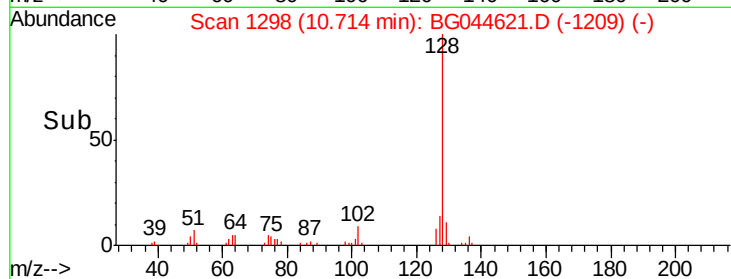
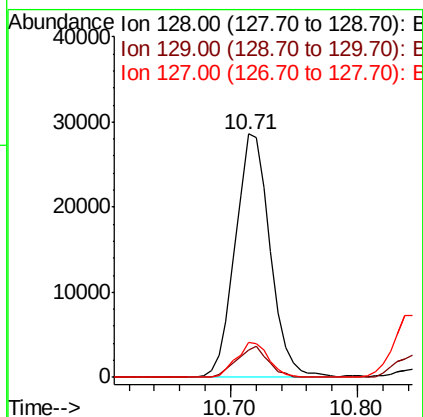
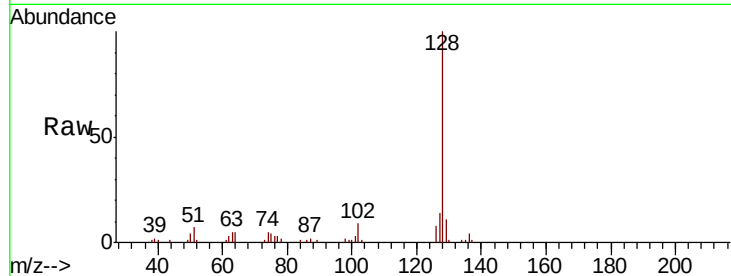




#31
Naphthalene
Concen: 4.788 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

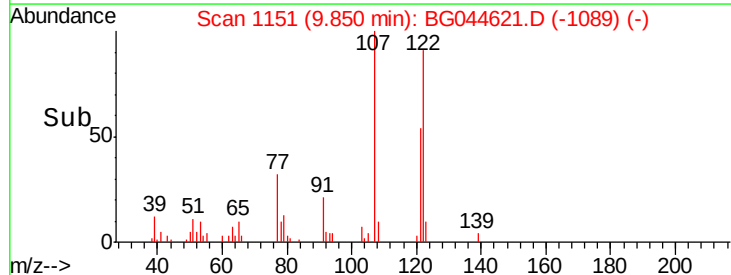
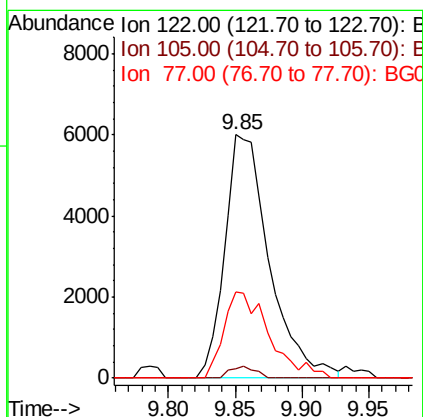
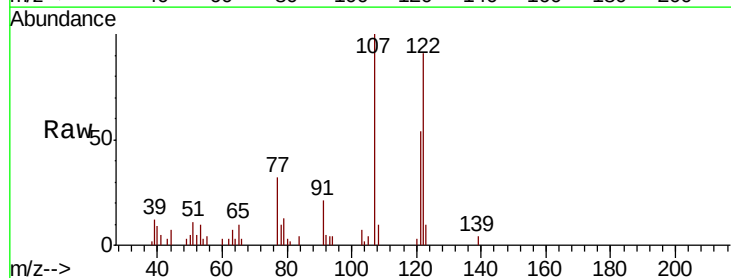
Instrument :
BNA_G
ClientSampleId :

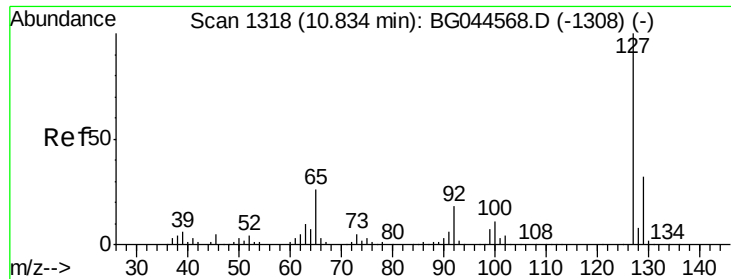
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	14.3	11.0	16.4



#32
Benzoic acid
Concen: 12.068 ng
RT: 9.85 min Scan# 1151
Delta R.T. -0.17 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	4.0	101.4	141.4#
77	35.4	69.8	109.8#

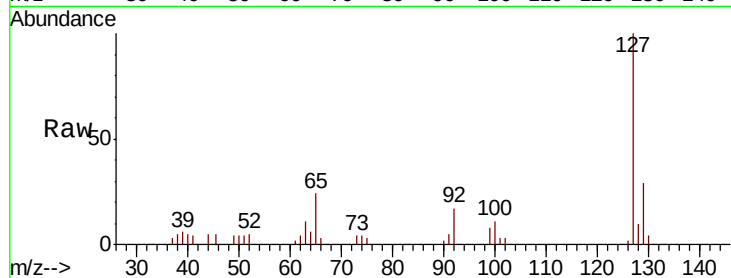




#33
4-Chloroaniline
Concen: 3.602 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.1	25.9	38.9
65	24.4	20.7	31.1
92	17.0	14.2	21.2



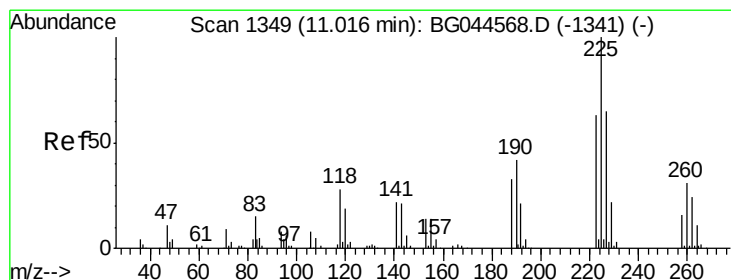
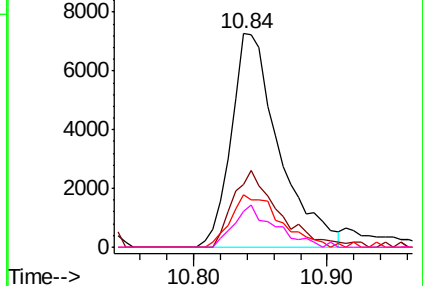
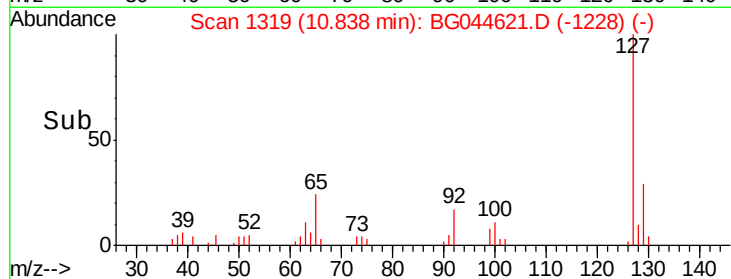
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

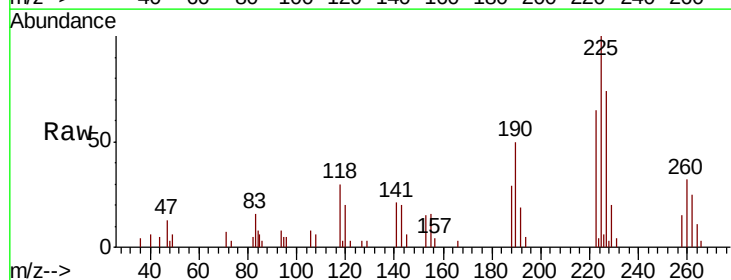
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 4.295 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	76.0
227	72.5	52.1	78.1

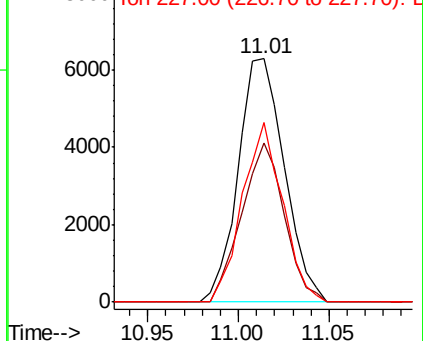
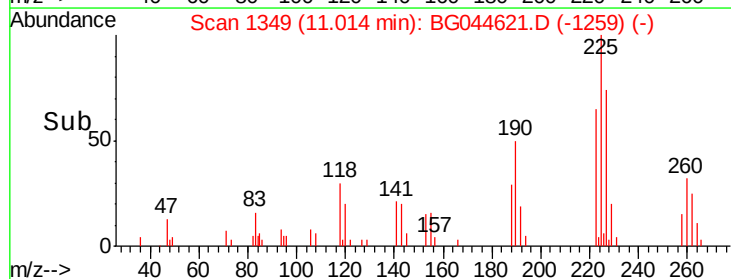


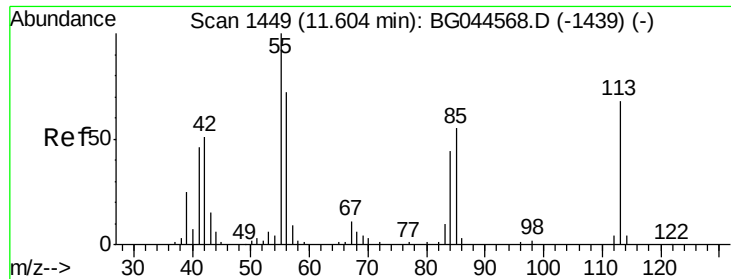
Abundance

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: 4.047 ng

RT: 11.59 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Instrument :

BNA_G

ClientSampleId :

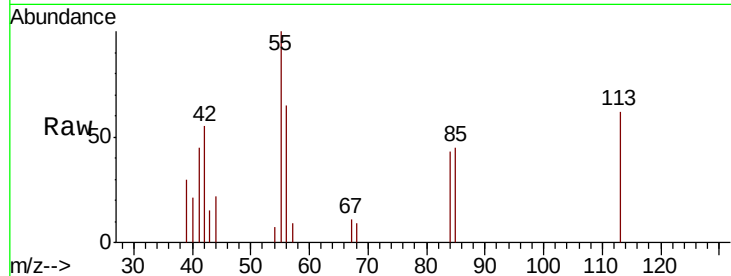
Tot Ion:113 Resp: 5175

Ion Ratio Lower Upper

113 100

55 162.3 127.8 167.8

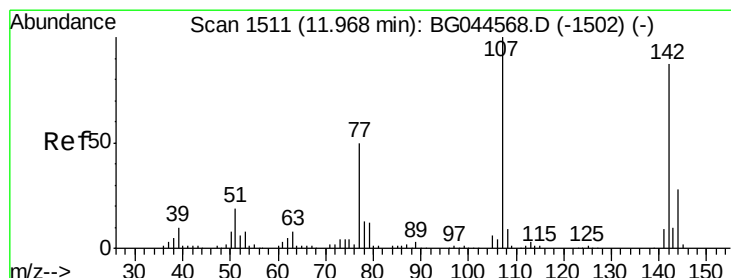
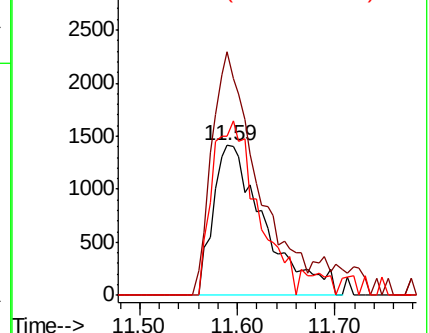
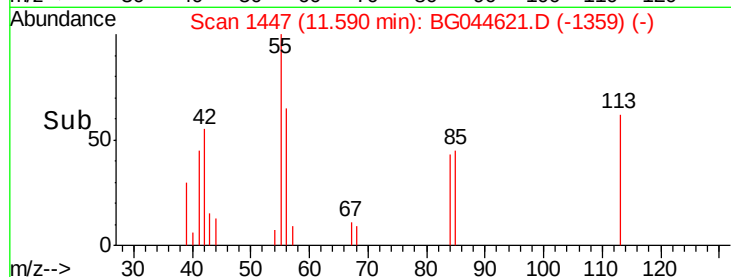
56 106.3 86.9 126.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 4.016 ng

RT: 11.97 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

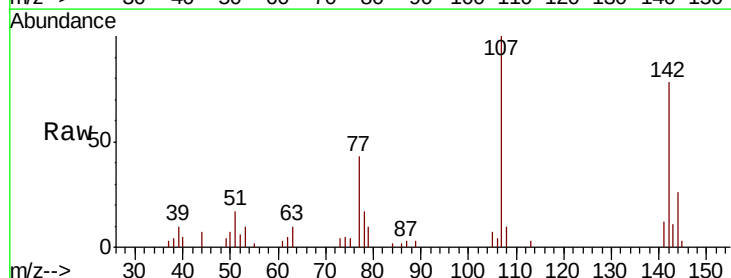
Tgt Ion:107 Resp: 14768

Ion Ratio Lower Upper

107 100

144 25.5 22.3 33.5

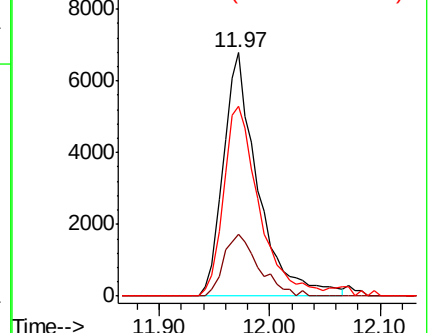
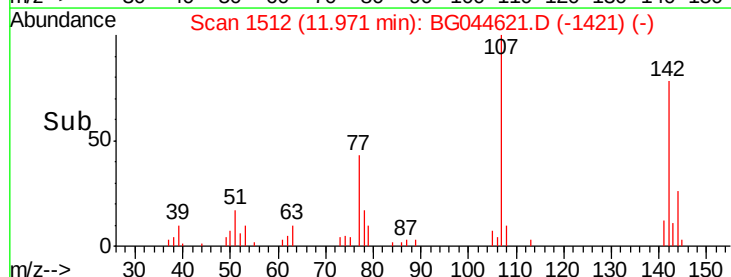
142 78.0 69.3 103.9

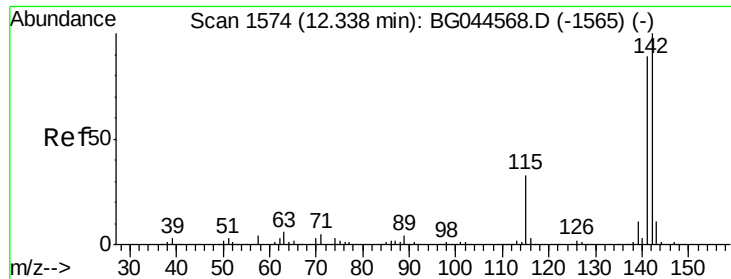


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

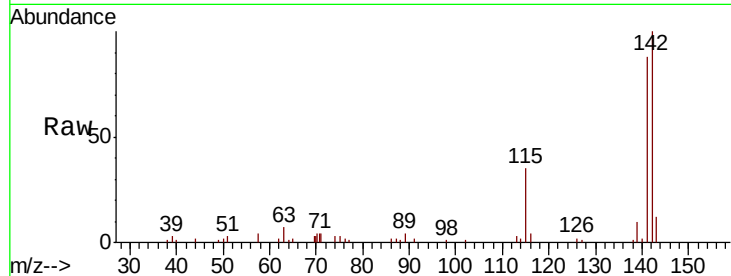




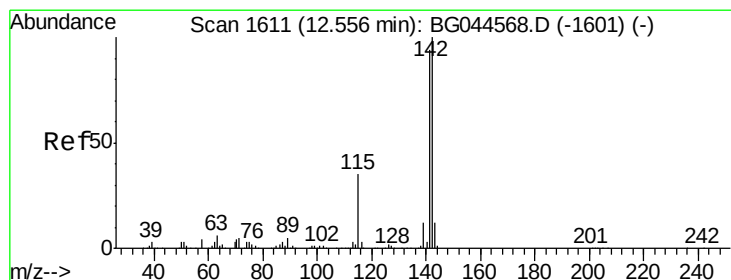
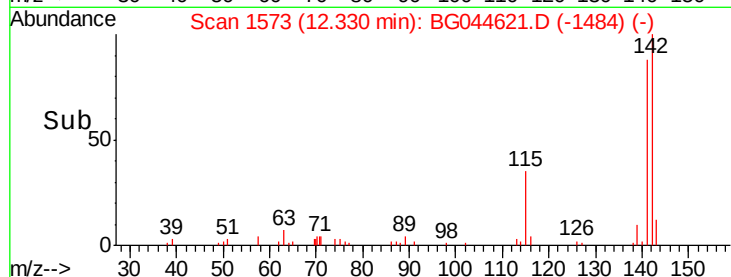
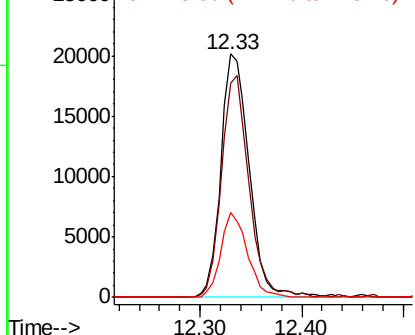
#37
2-Methylnaphthalene
Concen: 4.645 ng
RT: 12.33 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Instrument :
BNA_G
ClientSampled :

Tot Ion:142 Resp: 39084
Ion Ratio Lower Upper
142 100
141 88.0 71.3 106.9
115 35.0 26.2 39.2

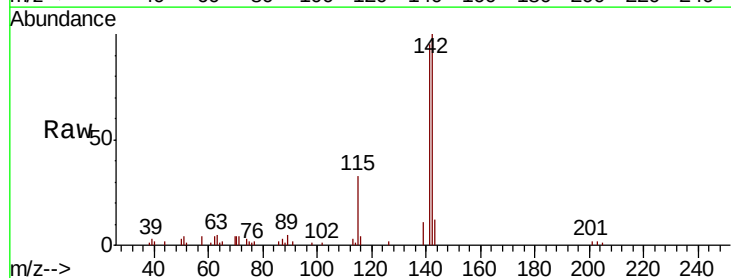


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

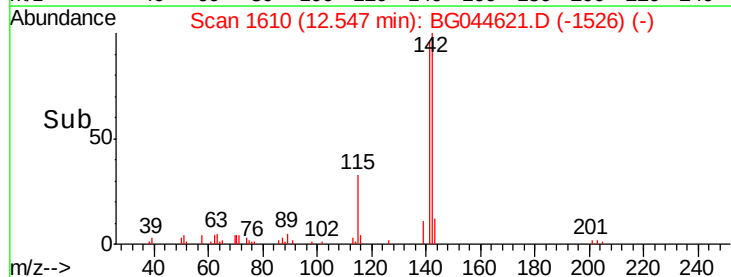
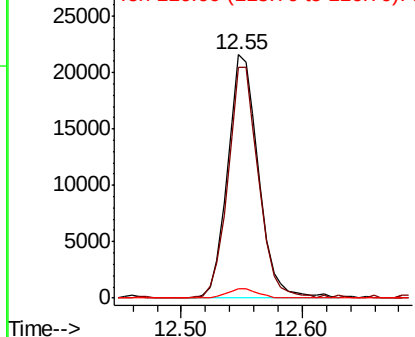


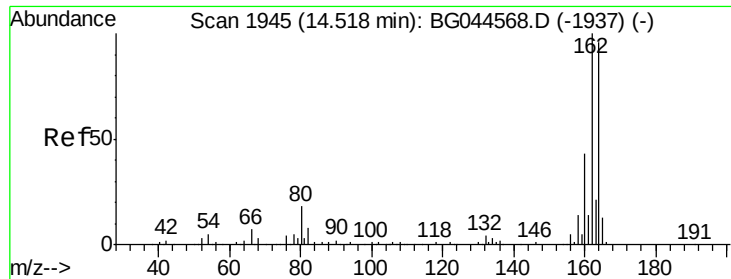
#38
1-Methylnaphthalene
Concen: 4.792 ng
RT: 12.55 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Tgt Ion:142 Resp: 38316
Ion Ratio Lower Upper
142 100
141 94.6 75.1 112.7
116 4.0 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: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Instrument :

BNA_G

ClientSampleId :

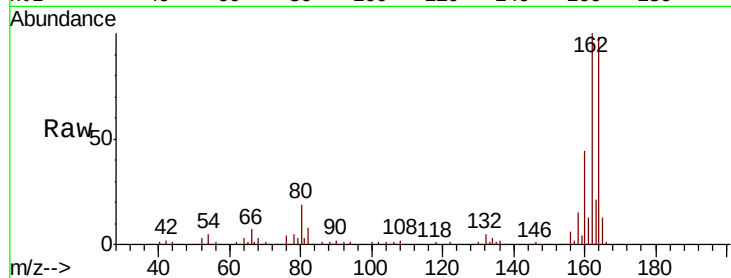
Tot Ion:164 Resp: 139548

Ion Ratio Lower Upper

164 100

162 102.4 83.6 125.4

160 45.1 36.2 54.4

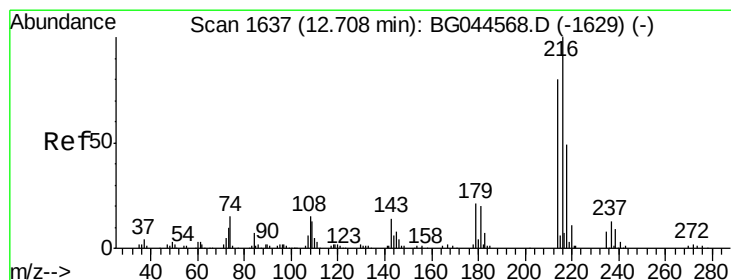
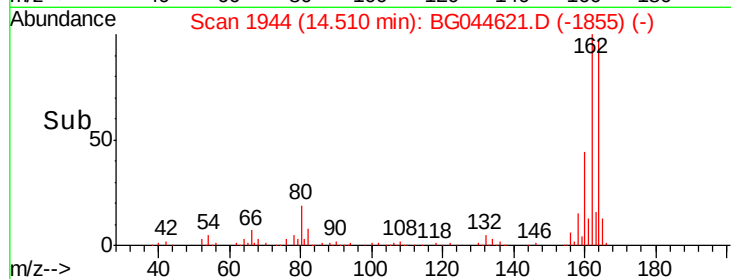
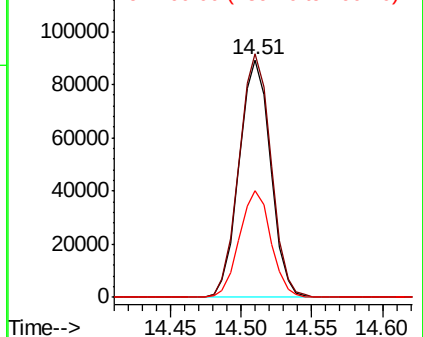


Abundance

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: 4.574 ng

RT: 12.71 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Tgt Ion:216 Resp: 21489

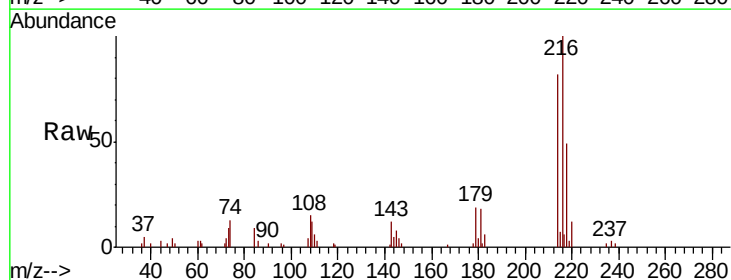
Ion Ratio Lower Upper

216 100

214 79.2 63.3 94.9

179 20.3 16.2 24.2

108 14.8 12.6 18.8



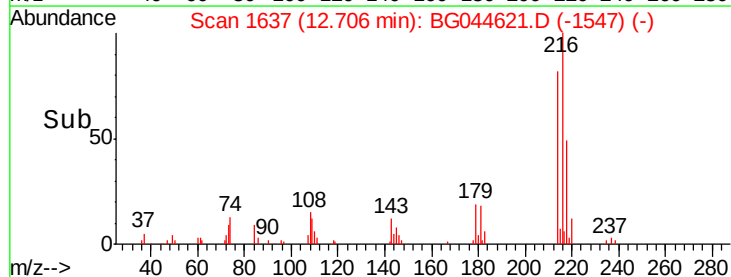
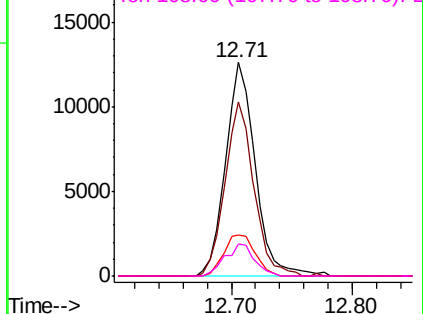
Abundance

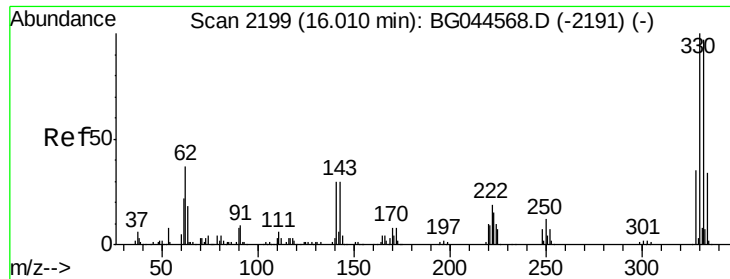
Ion 216.00 (215.70 to 216.70): E

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

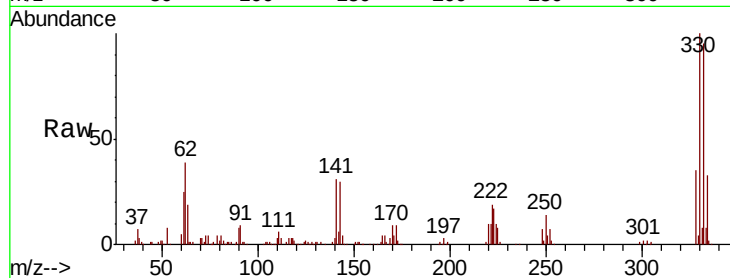




#42
 2,4,6-Tribromophenol
 Concen: 148.520 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG044621.D
 Acq: 28 Feb 2020 16:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	32.9	26.1	39.1

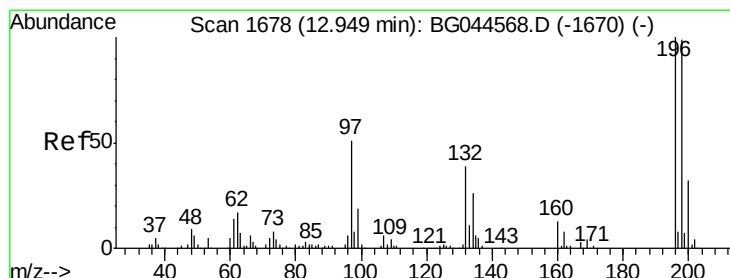
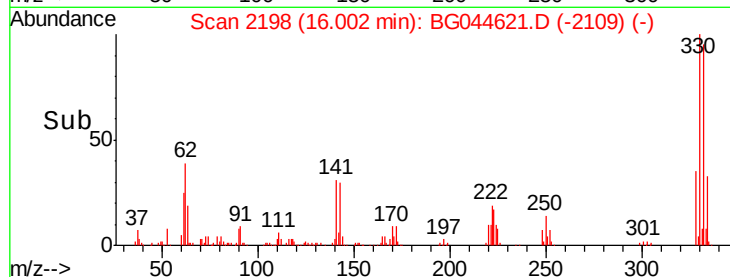
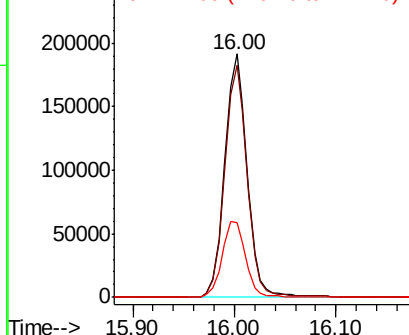


Abundance

Ion 329.80 (329.50 to 330.50): E

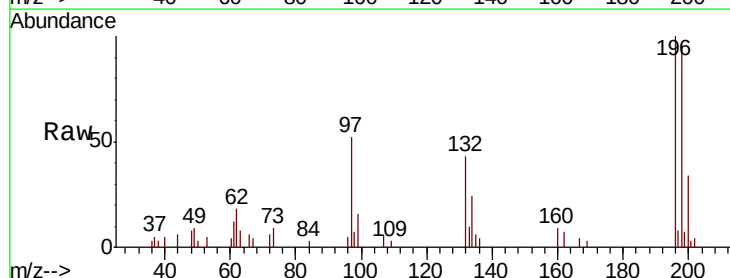
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 3.630 ng
 RT: 12.95 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG044621.D
 Acq: 28 Feb 2020 16:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	79.2	118.8
200	33.6	25.7	38.5

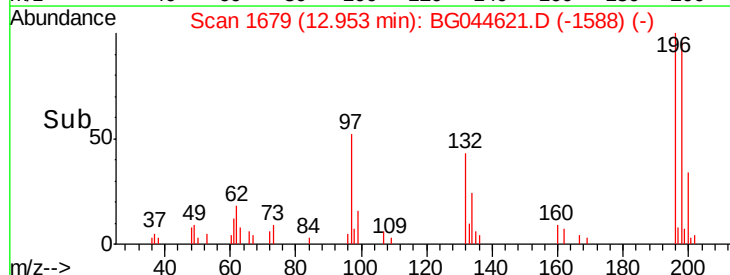
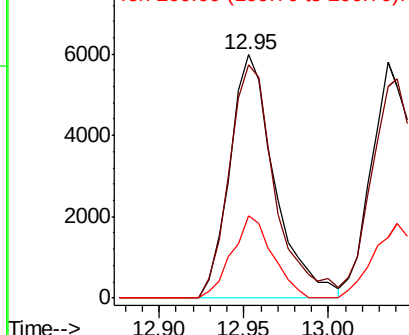


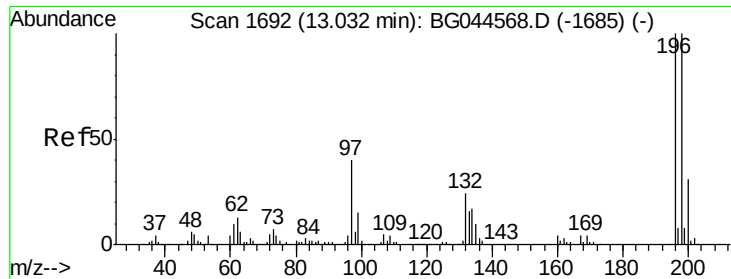
Abundance

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: 4.129 ng

RT: 13.03 min Scan# 1693

Delta R.T. 0.00 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

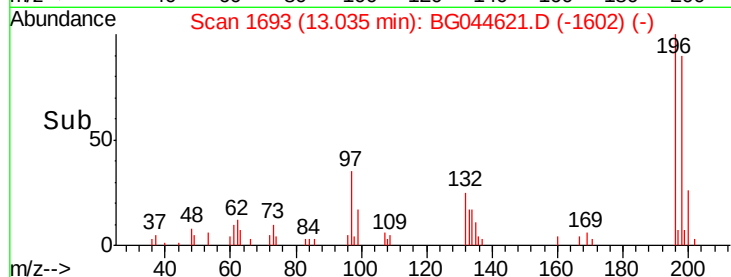
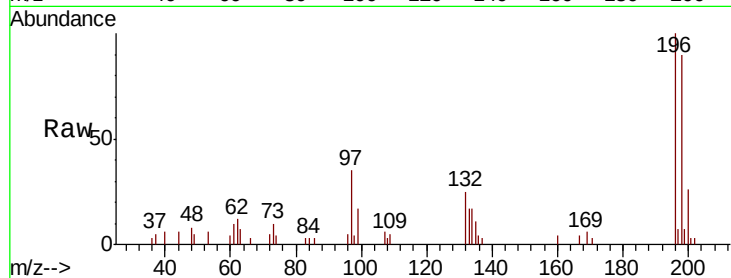
Instrument :

BNA_G

ClientSampleId :

Tot Ion:196 Resp: 12937

Ion	Ratio	Lower	Upper
196	100		
198	89.7	79.3	118.9
97	35.1	32.3	48.5
132	25.5	19.1	28.7

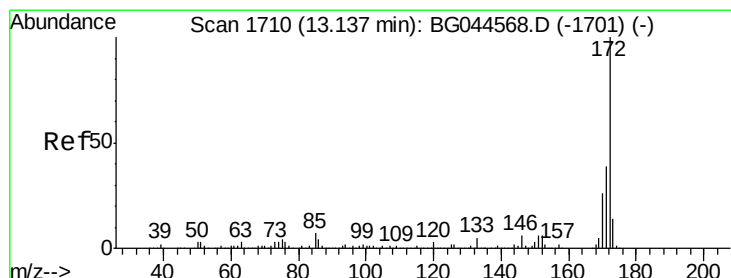
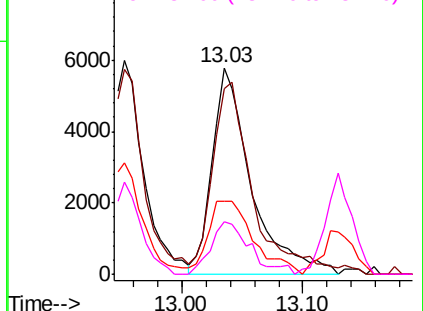


Abundance Ion 196.00 (195.70 to 196.70): E

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: 97.725 ng

RT: 13.13 min Scan# 1709

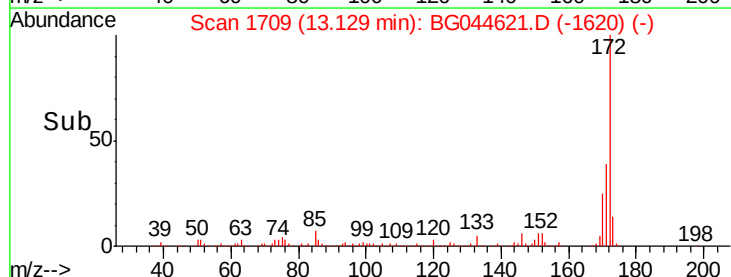
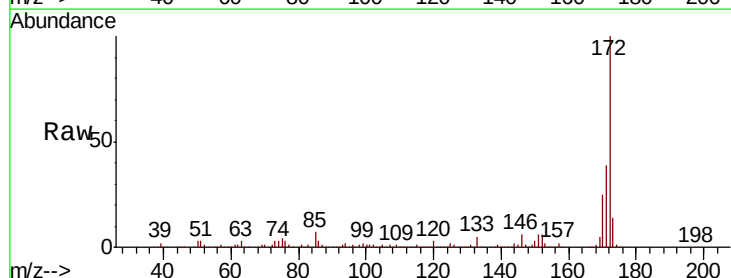
Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Tgt Ion:172 Resp: 952330

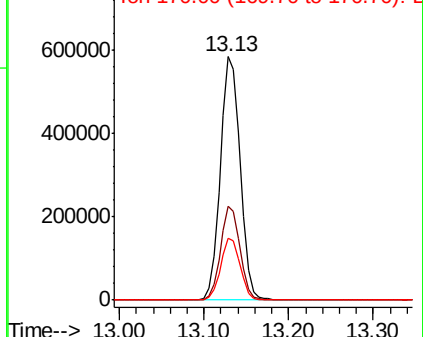
Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.3	46.9
170	25.5	21.0	31.4

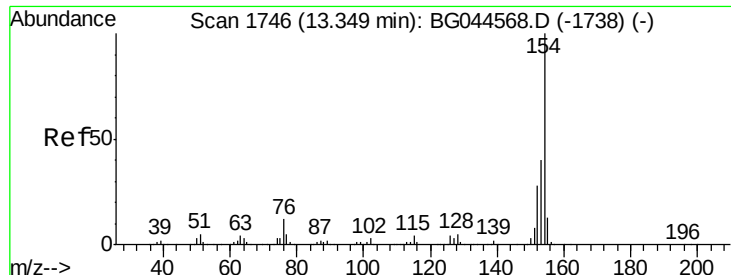


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

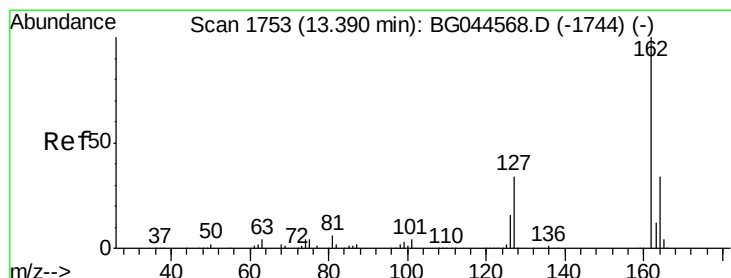
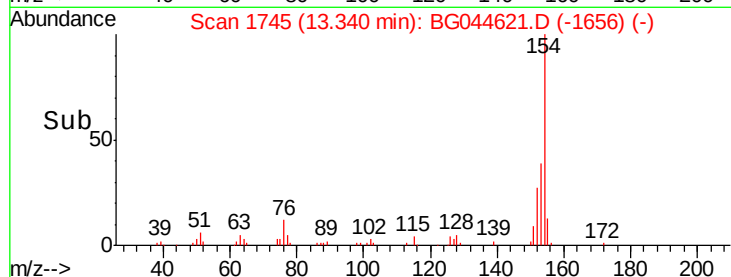
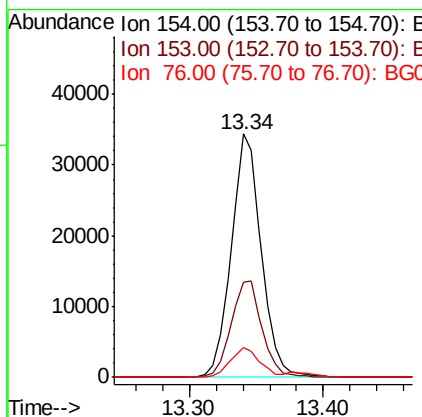
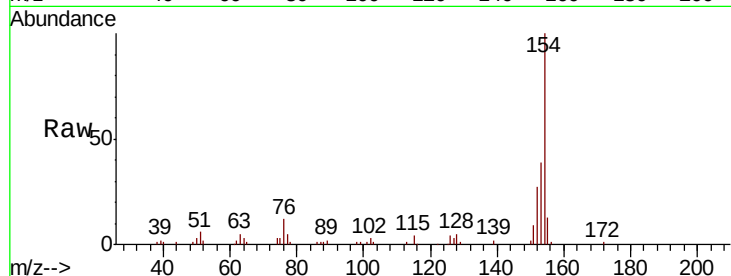




#46
 1,1'-Biphenyl
 Concen: 4.637 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG044621.D
 Acq: 28 Feb 2020 16:28

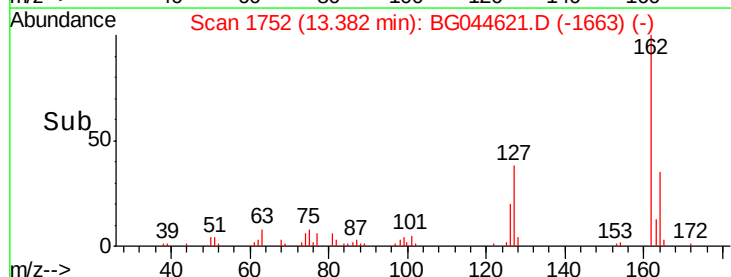
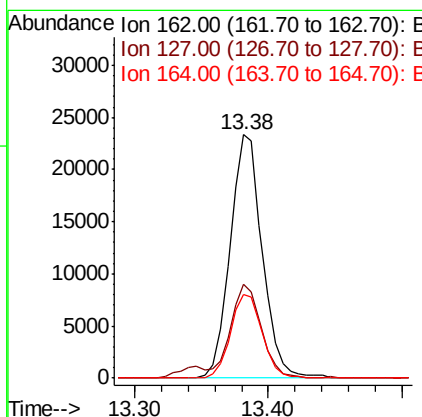
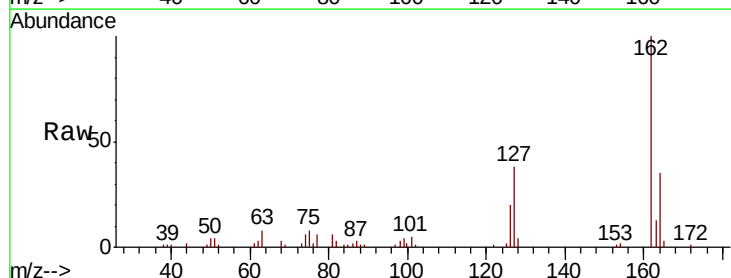
Instrument :
 BNA_G
 ClientSampleId :

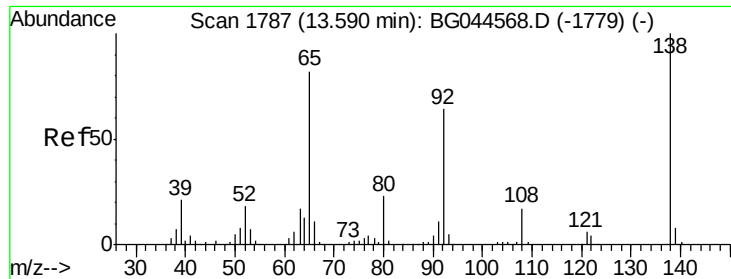
Tot Ion:154 Resp: 53552
 Ion Ratio Lower Upper
 154 100
 153 39.0 20.2 60.2
 76 12.1 0.0 31.8



#47
 2-Chloronaphthalene
 Concen: 4.303 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG044621.D
 Acq: 28 Feb 2020 16:28

Tgt Ion:162 Resp: 38962
 Ion Ratio Lower Upper
 162 100
 127 38.4 28.7 43.1
 164 34.6 27.3 40.9

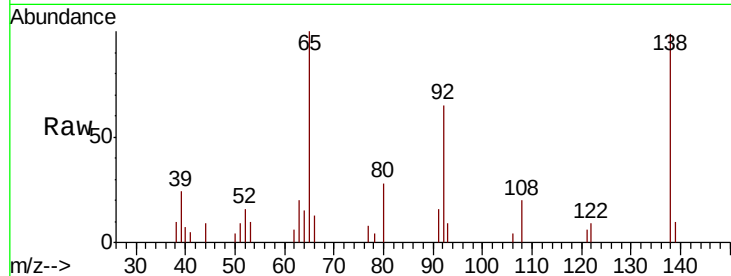




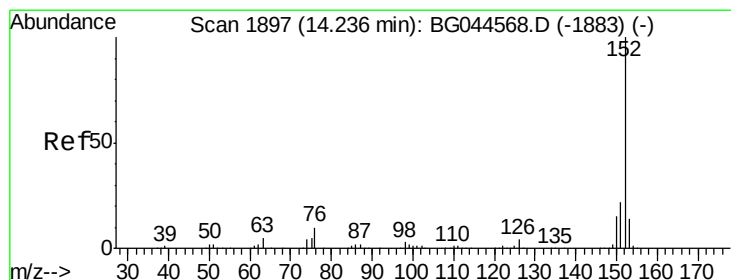
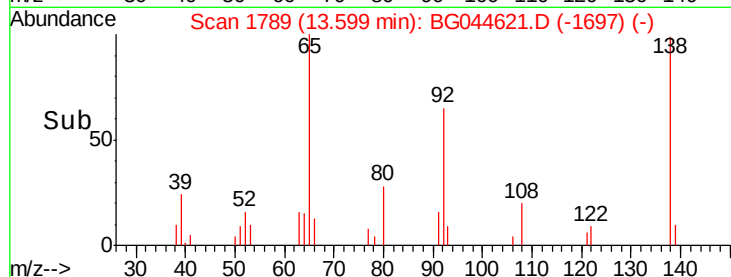
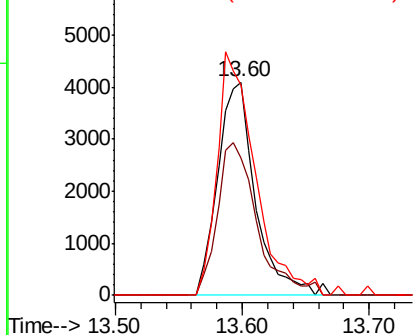
#48
2-Nitroaniline
Concen: 3.362 ng
RT: 13.60 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 8450
Ion Ratio Lower Upper
65 100
92 64.6 62.2 93.2
138 98.6 97.6 146.4

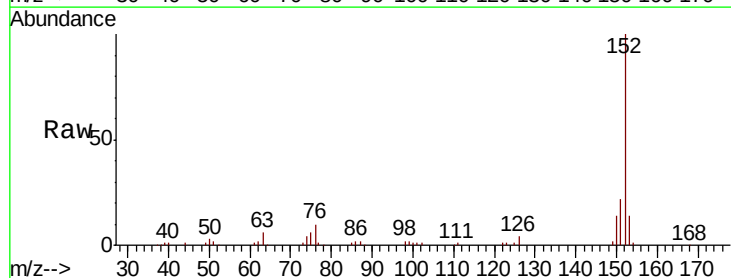


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

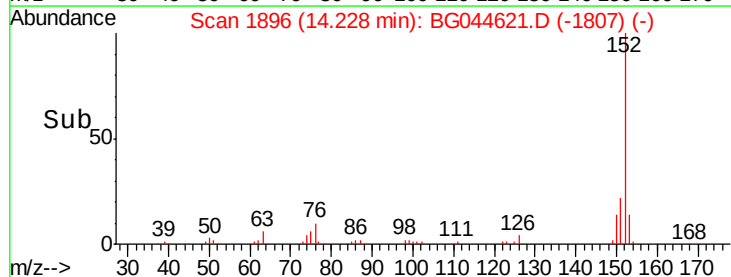
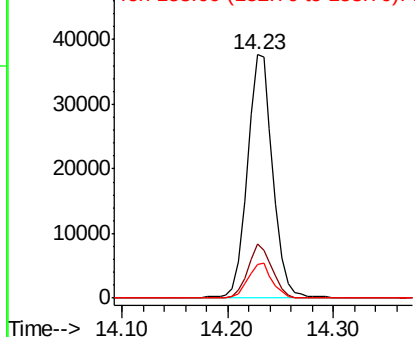


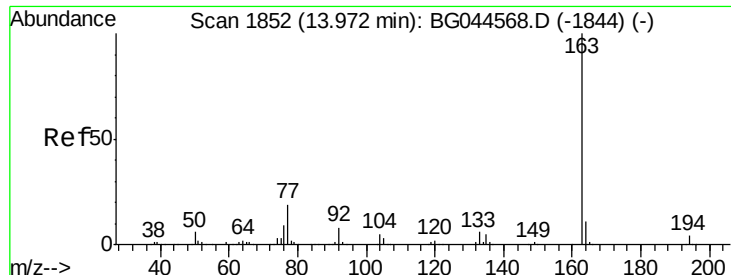
#49
Acenaphthylene
Concen: 4.690 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Tgt Ion: 152 Resp: 62699
Ion Ratio Lower Upper
152 100
151 22.3 17.7 26.5
153 13.9 11.3 16.9



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





#50

Dimethylphthalate

Concen: 4.761 ng

RT: 13.96 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Instrument :

BNA_G

ClientSampleId :

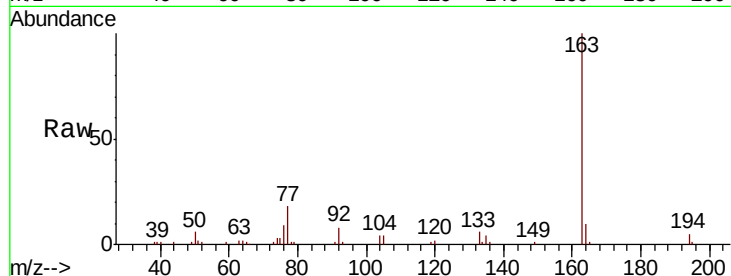
Tot Ion:163 Resp: 53623

Ion Ratio Lower Upper

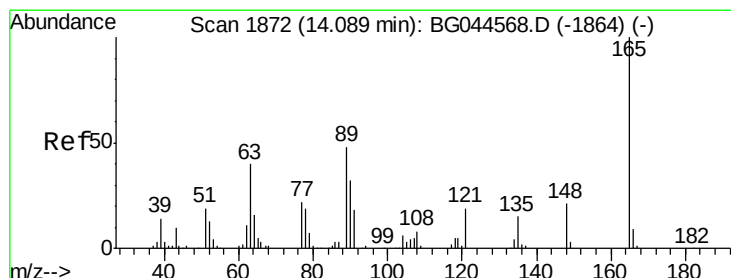
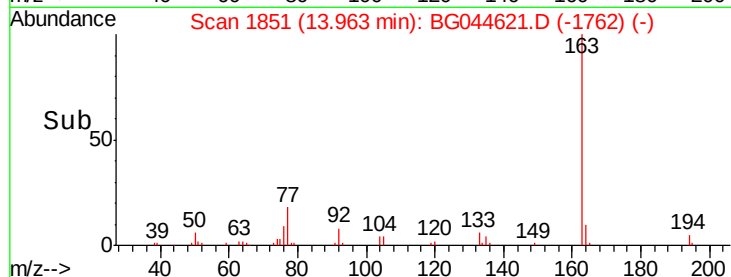
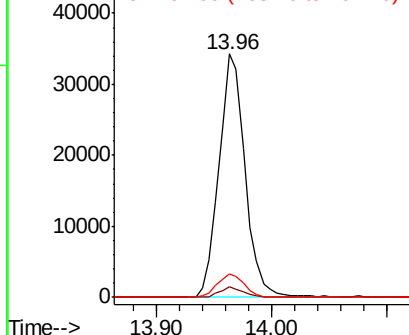
163 100

194 4.6 3.4 5.0

164 9.7 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: 4.126 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

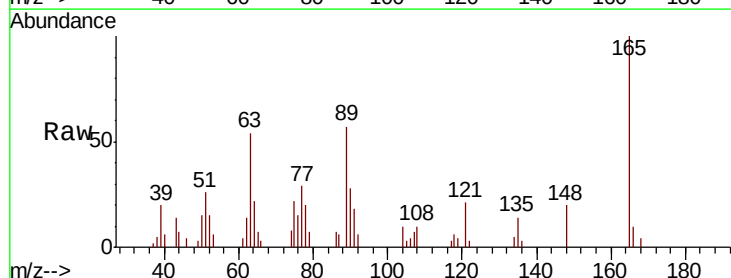
Tgt Ion:165 Resp: 10249

Ion Ratio Lower Upper

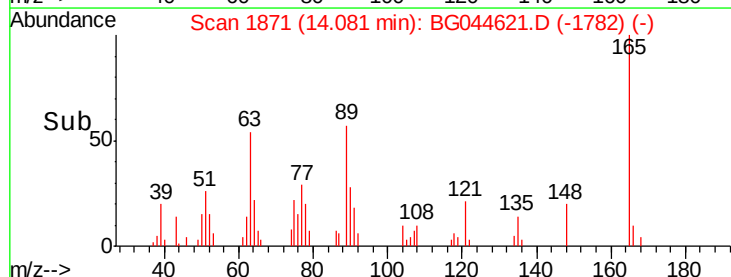
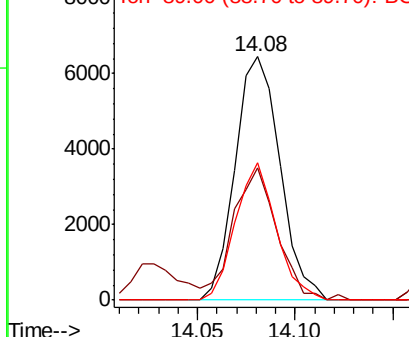
165 100

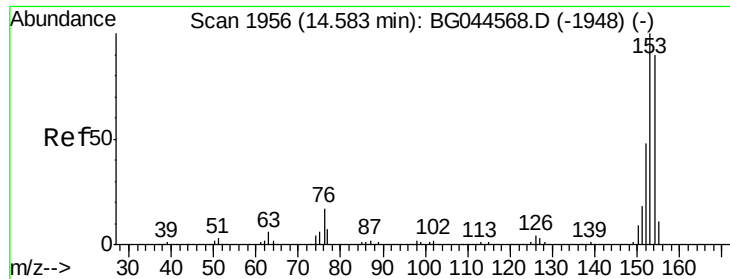
63 54.1 35.8 53.6#

89 56.7 38.7 58.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





#52

Acenaphthene

Concen: 4.568 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Instrument :

BNA_G

ClientSampleId :

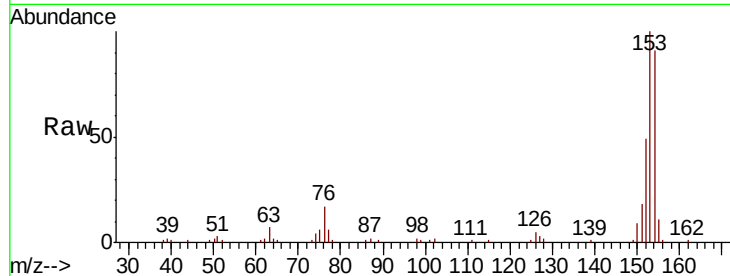
Tot Ion:154 Resp: 38927

Ion Ratio Lower Upper

154 100

153 109.7 89.4 134.0

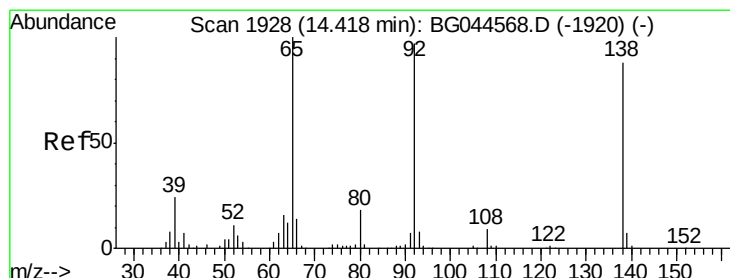
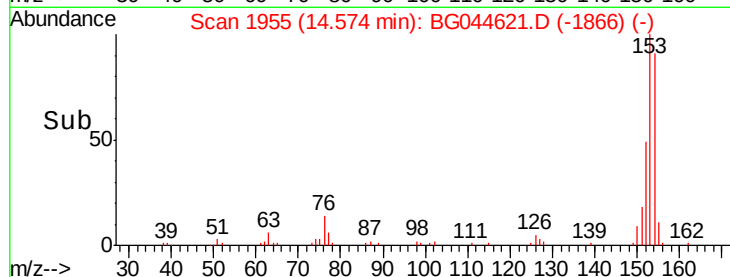
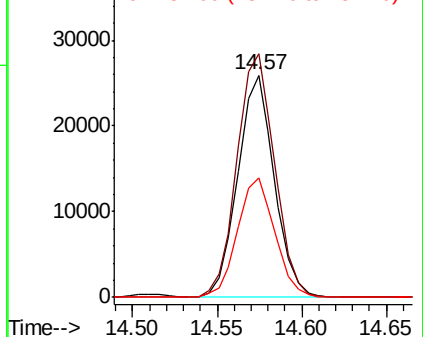
152 53.6 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 3.260 ng

RT: 14.43 min Scan# 1930

Delta R.T. 0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

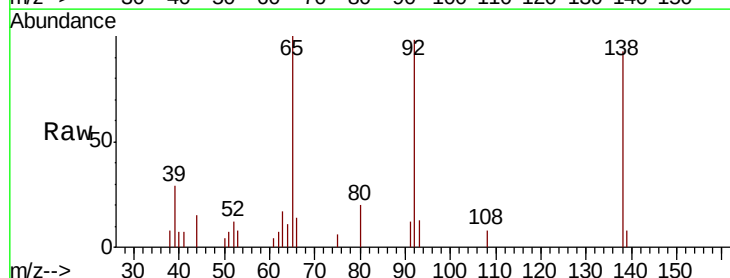
Tgt Ion:138 Resp: 8734

Ion Ratio Lower Upper

138 100

108 9.0 7.9 11.9

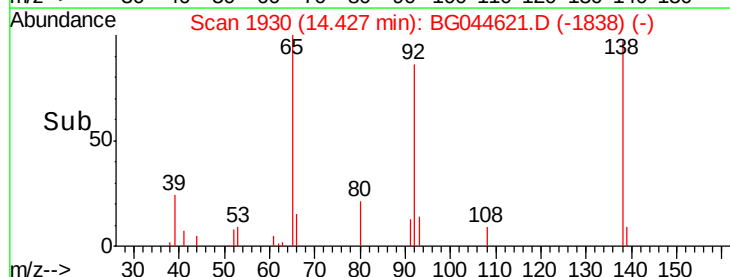
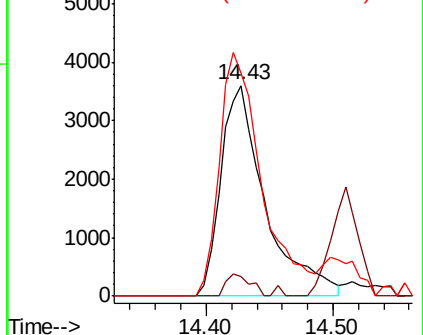
92 106.0 87.4 131.2

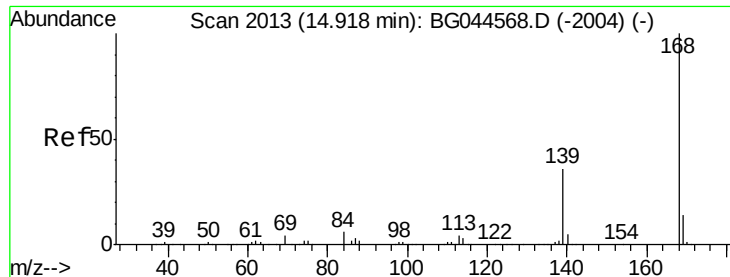


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

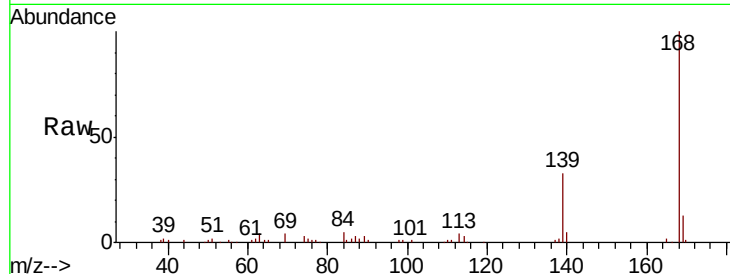




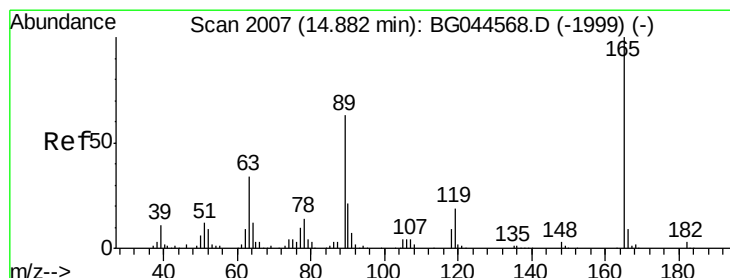
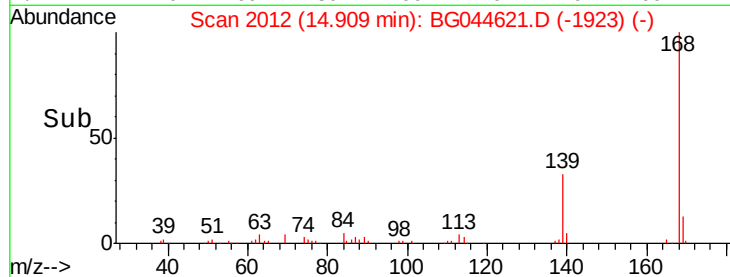
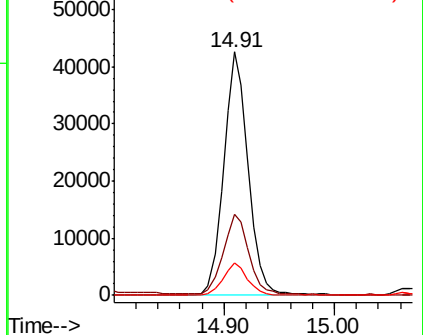
#55
Dibenzenofuran
Concen: 5.017 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 65544
Ion Ratio Lower Upper
168 100
139 33.4 29.2 43.8
169 13.5 11.0 16.6

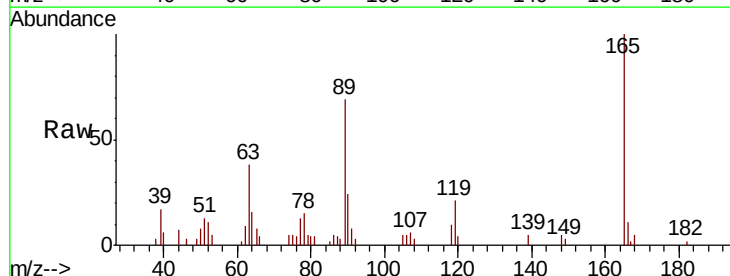


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

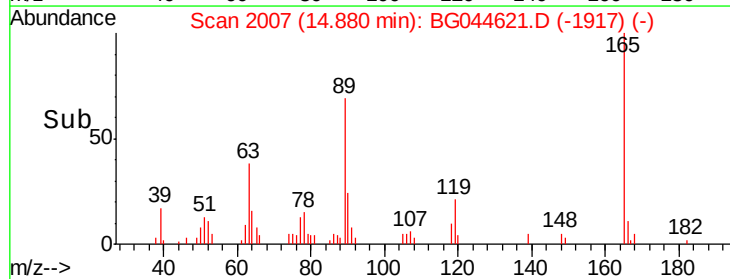
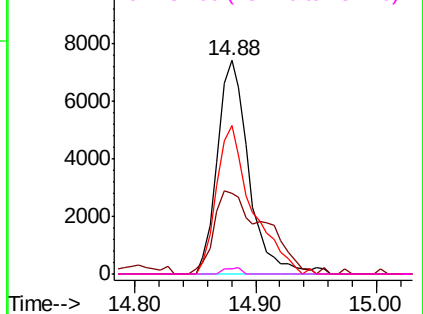


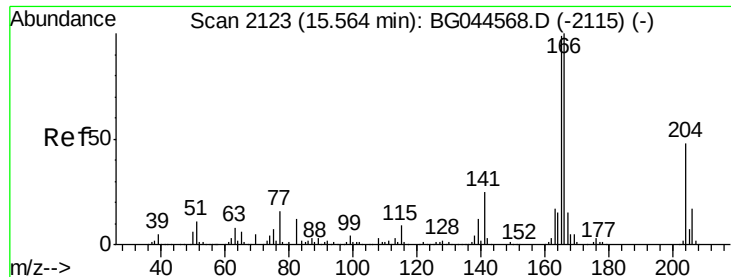
#57
2,4-Dinitrotoluene
Concen: 3.839 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Tgt Ion:165 Resp: 13406
Ion Ratio Lower Upper
165 100
63 37.7 27.5 41.3
89 69.4 50.0 75.0
182 2.2 2.3 3.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

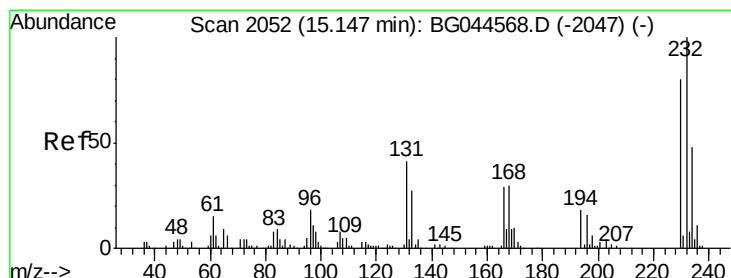
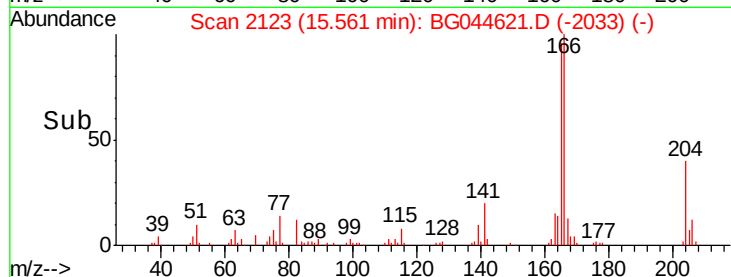
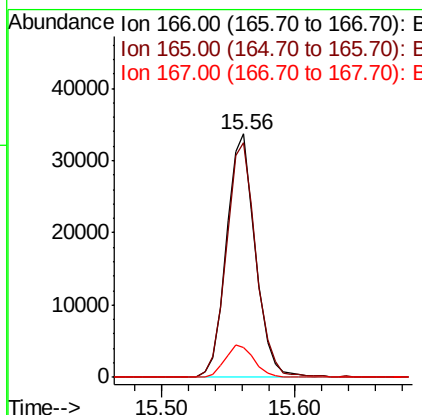
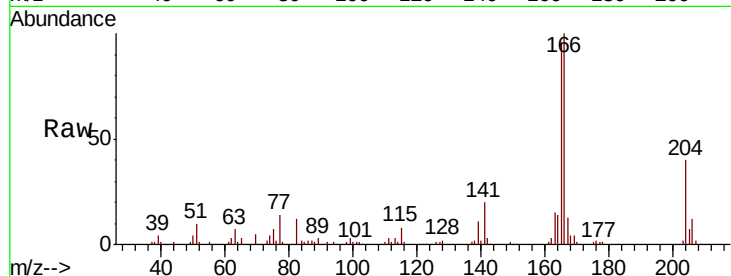




#58
 Fluorene
 Concen: 4.932 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BG044621.D
 Acq: 28 Feb 2020 16:28

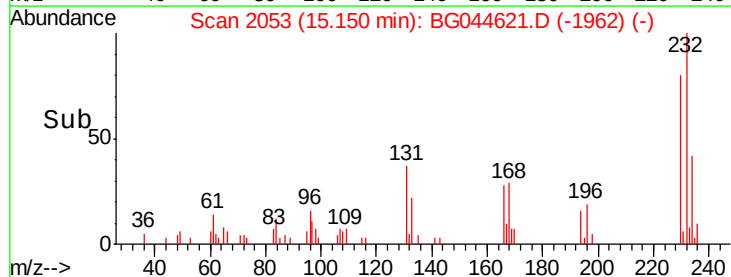
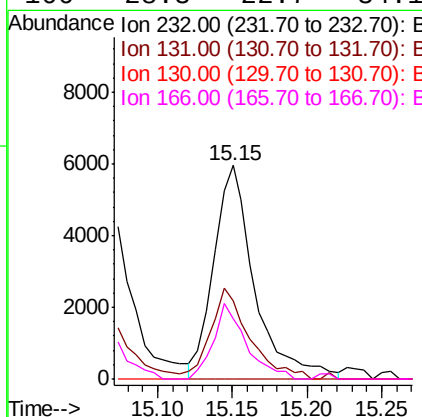
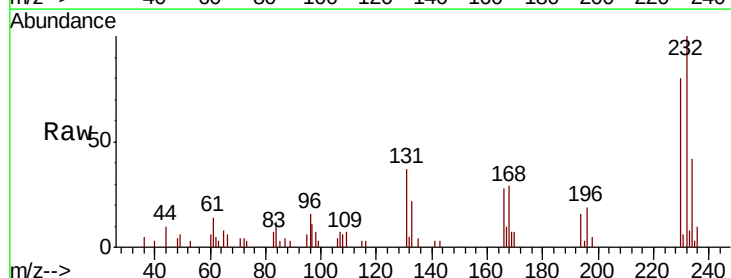
Instrument :
 BNA_G
 ClientSampleId :

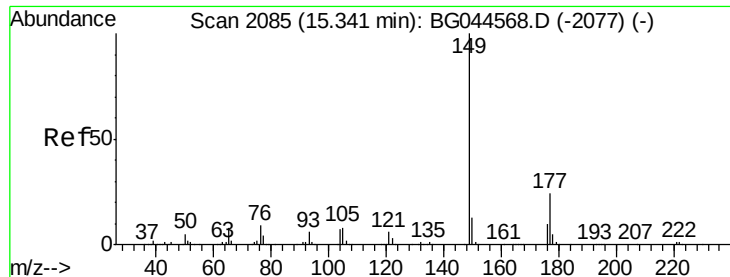
Tot Ion:166 Resp: 51081
 Ion Ratio Lower Upper
 166 100
 165 96.1 79.2 118.8
 167 12.5 11.7 17.5



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 3.939 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. 0.00 min
 Lab File: BG044621.D
 Acq: 28 Feb 2020 16:28

Tgt Ion:232 Resp: 11366
 Ion Ratio Lower Upper
 232 100
 131 40.6 31.8 47.6
 130 0.0 1.8 2.6#
 166 28.3 22.7 34.1

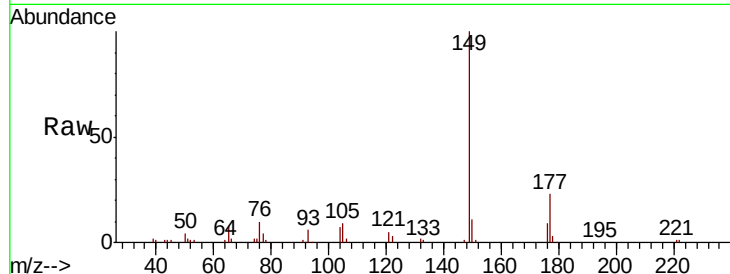




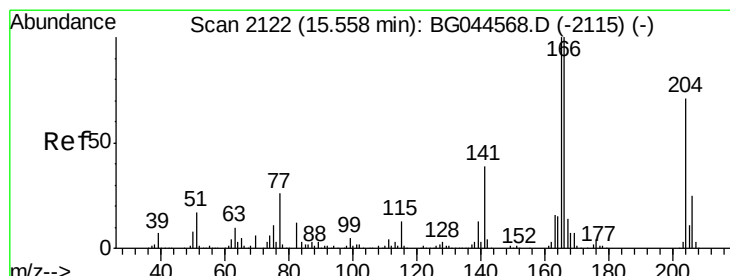
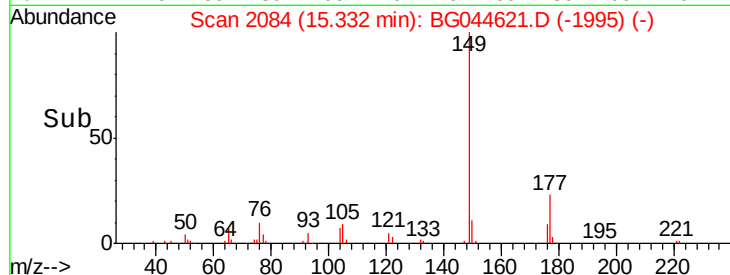
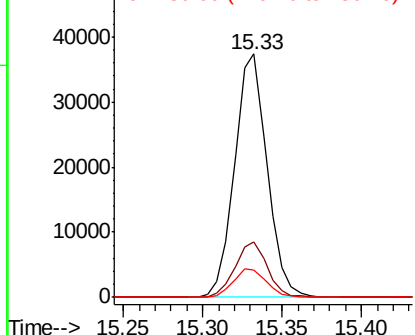
#60
Diethylphthalate
Concen: 4.746 ng
RT: 15.33 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 52963
Ion Ratio Lower Upper
149 100
177 23.0 19.2 28.8
150 11.2 10.2 15.4

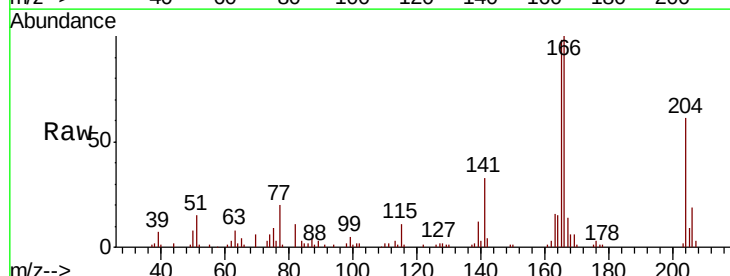


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

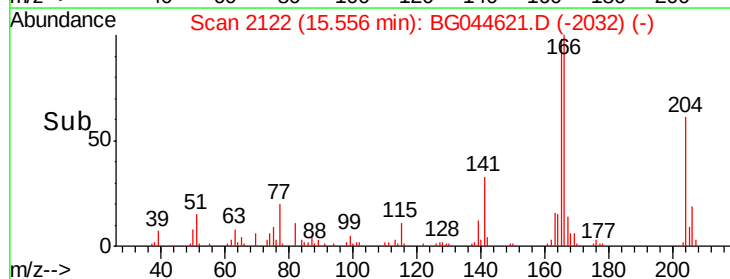
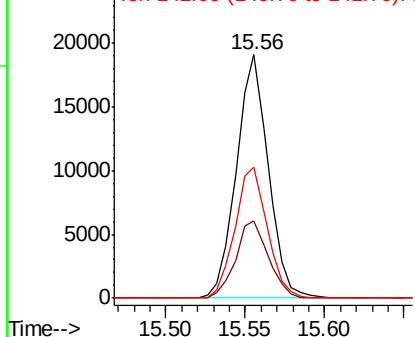


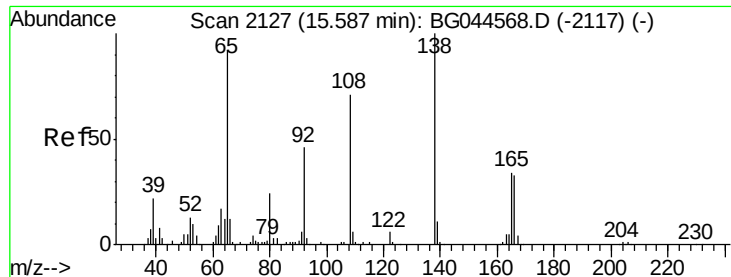
#61
4-Chlorophenyl-phenylether
Concen: 4.717 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Tgt Ion:204 Resp: 26565
Ion Ratio Lower Upper
204 100
206 31.7 27.8 41.8
141 53.8 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: 3.014 ng

RT: 15.59 min Scan# 2128

Delta R.T. 0.00 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Instrument :

BNA_G

ClientSampled :

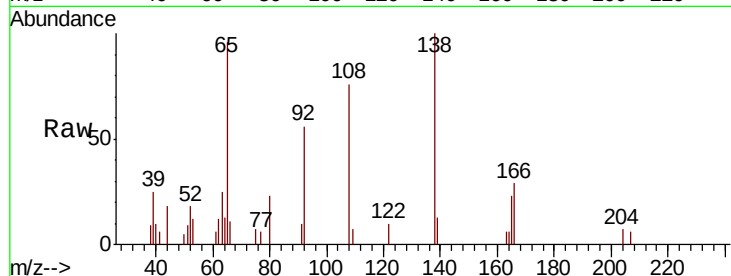
Tot Ion:138 Resp: 8086

Ion Ratio Lower Upper

138 100

92 55.9 26.4 66.4

108 75.9 50.5 90.5

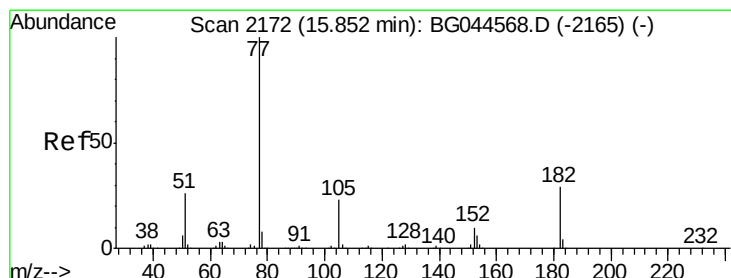
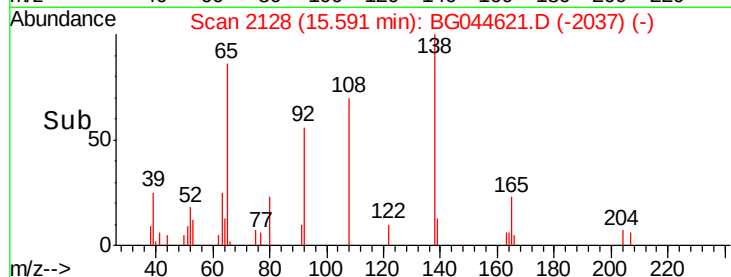
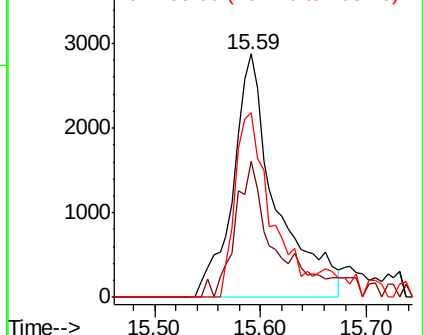


Abundance

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: 4.860 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Tgt Ion: 77 Resp: 46161

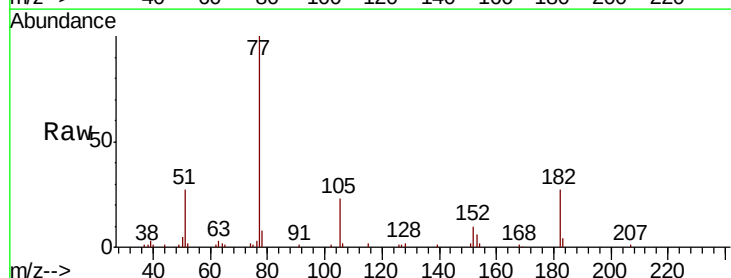
Ion Ratio Lower Upper

77 100

182 26.5 9.4 49.4

105 23.4 3.4 43.4

51 26.9 6.4 46.4



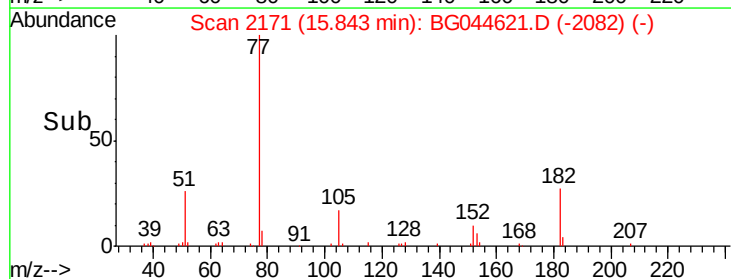
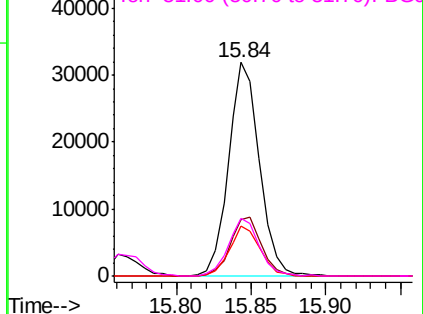
Abundance

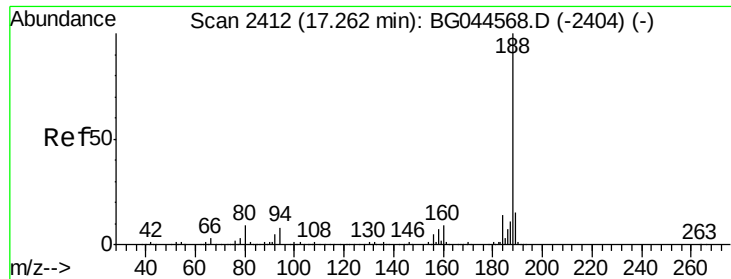
Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.25 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Instrument :

BNA_G

ClientSampleId :

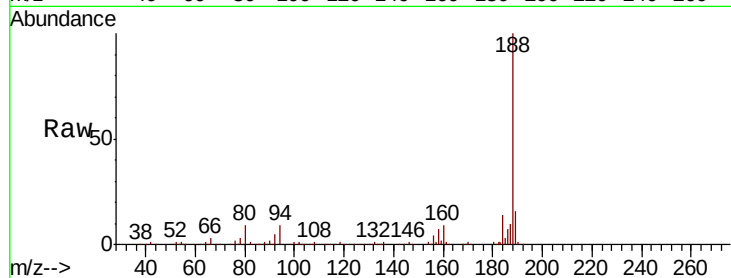
Tot Ion:188 Resp: 322415

Ion Ratio Lower Upper

188 100

94 8.7 6.7 10.1

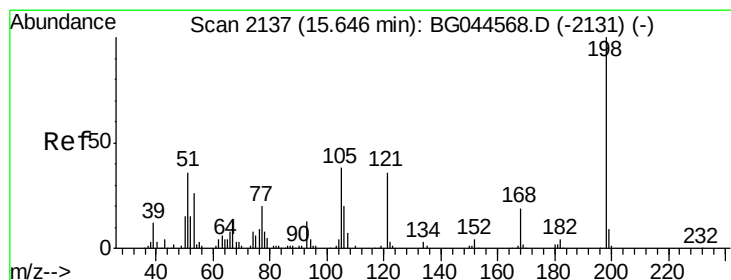
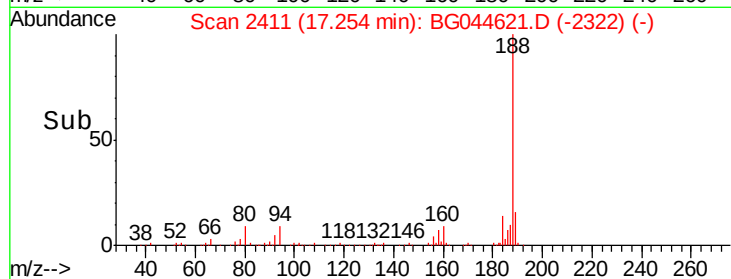
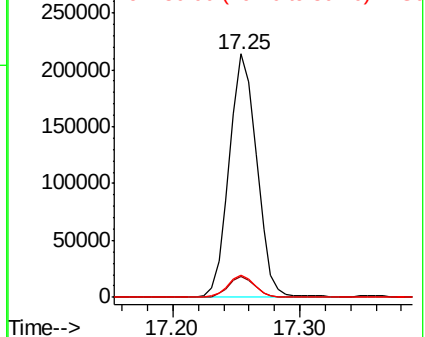
80 9.1 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 2.062 ng

RT: 15.66 min Scan# 2140

Delta R.T. 0.02 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

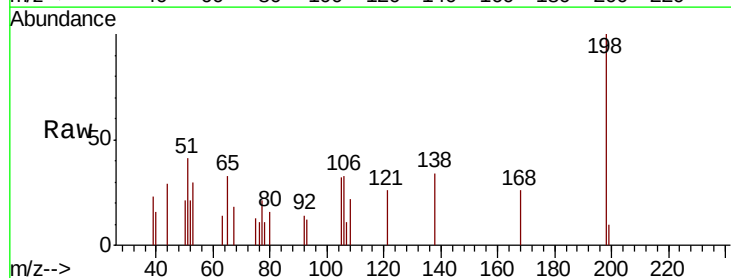
Tgt Ion:198 Resp: 4116

Ion Ratio Lower Upper

198 100

51 41.4 17.0 57.0

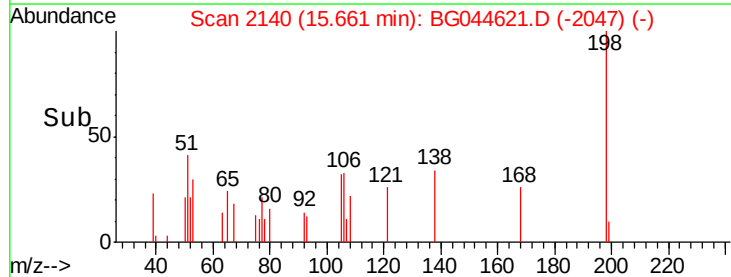
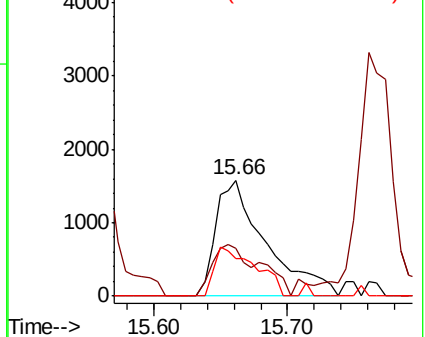
105 32.2 18.4 58.4

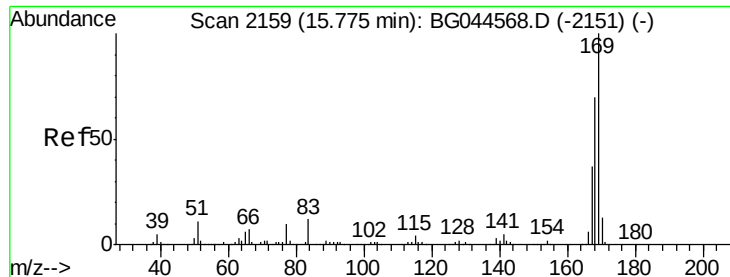


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

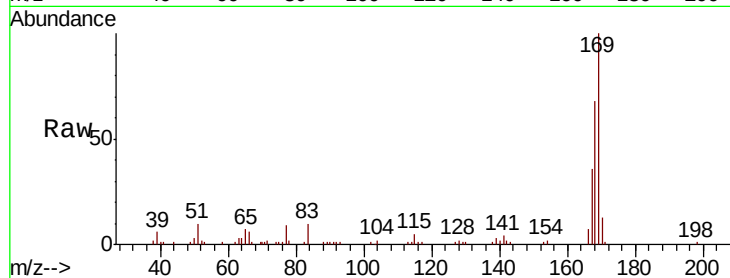




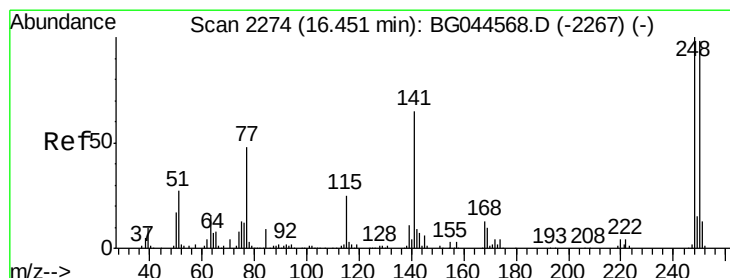
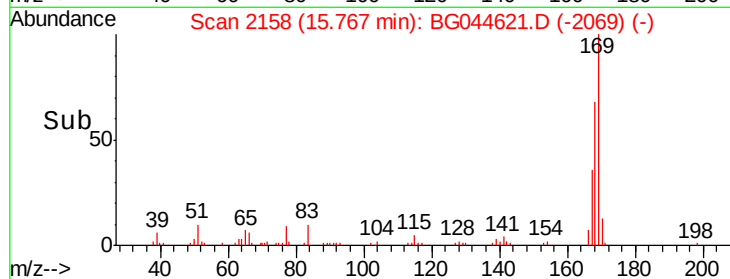
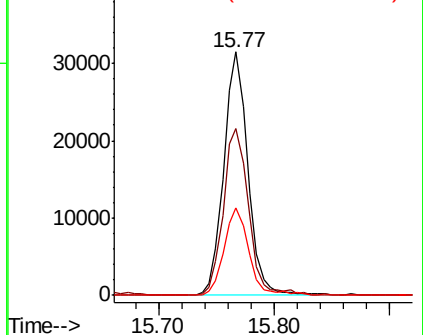
#66
 n-Nitrosodiphenylamine
 Concen: 4.528 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG044621.D
 Acq: 28 Feb 2020 16:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 45538
 Ion Ratio Lower Upper
 169 100
 168 68.4 56.1 84.1
 167 36.1 29.4 44.0

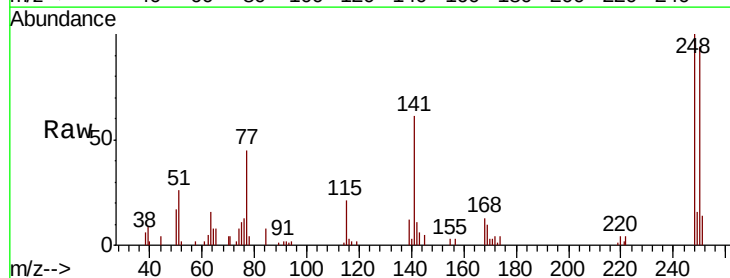


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

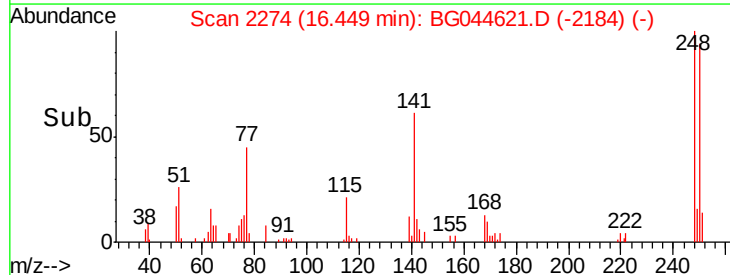
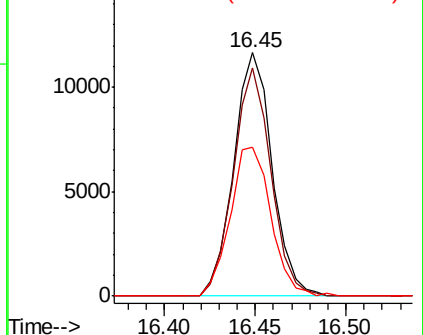


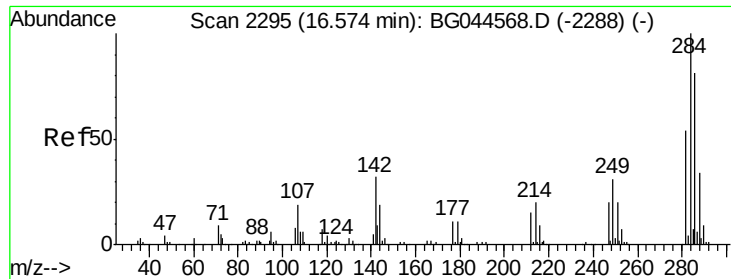
#67
 4-Bromophenyl-phenylether
 Concen: 4.290 ng
 RT: 16.45 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BG044621.D
 Acq: 28 Feb 2020 16:28

Tgt Ion:248 Resp: 17167
 Ion Ratio Lower Upper
 248 100
 250 93.6 78.7 118.1
 141 61.1 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: 4.279 ng

RT: 16.57 min Scan# 2295

Delta R.T. -0.00 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Instrument :

BNA_G

ClientSampleId :

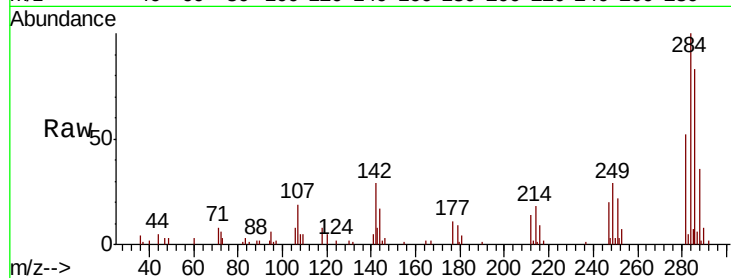
Tot Ion:284 Resp: 19363

Ion Ratio Lower Upper

284 100

142 29.5 25.6 38.4

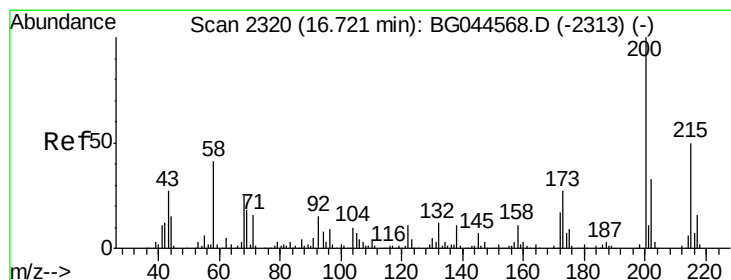
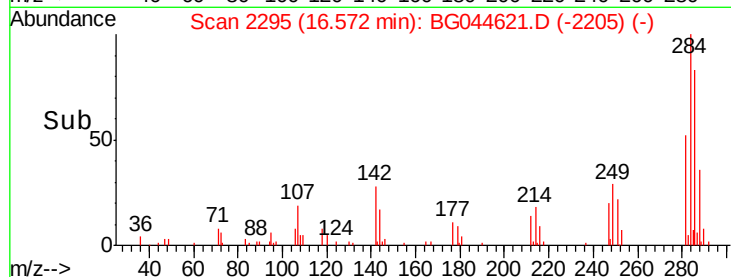
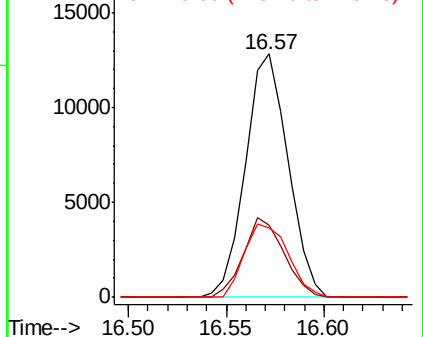
249 28.6 24.6 36.8



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: 4.726 ng

RT: 16.72 min Scan# 2320

Delta R.T. -0.00 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

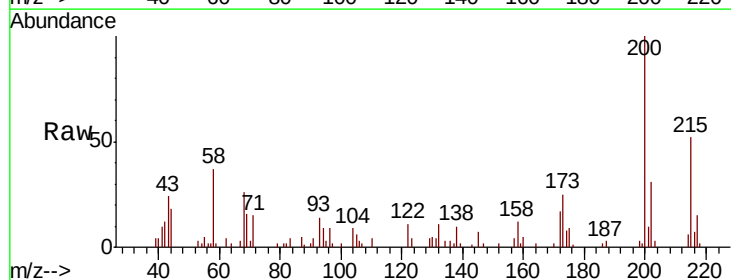
Tgt Ion:200 Resp: 17570

Ion Ratio Lower Upper

200 100

173 24.5 6.6 46.6

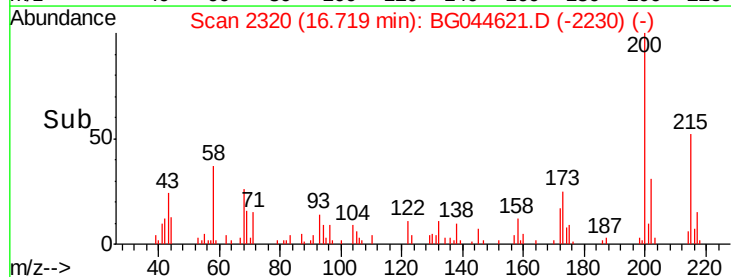
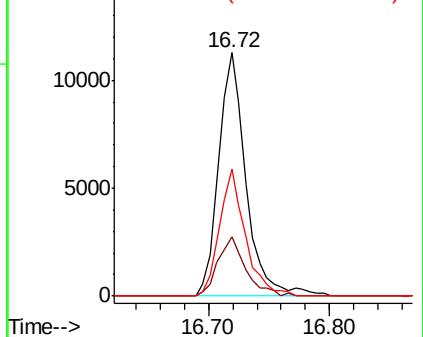
215 52.0 30.3 70.3

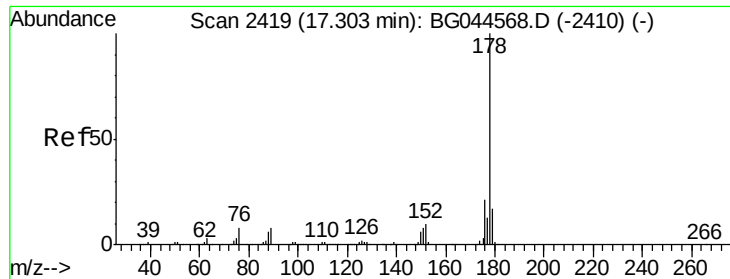


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#71

Phenanthrene

Concen: 4.855 ng

RT: 17.29 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Instrument :

BNA_G

ClientSampleId :

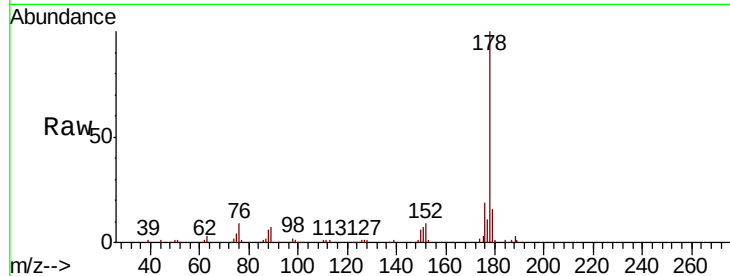
Tot Ion:178 Resp: 86659

Ion Ratio Lower Upper

178 100

176 19.1 16.6 25.0

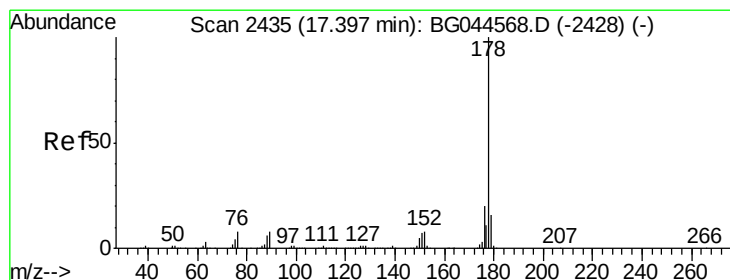
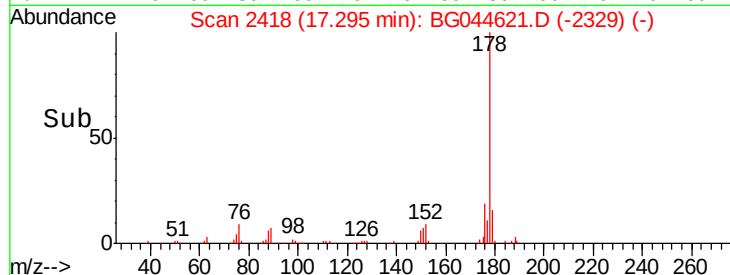
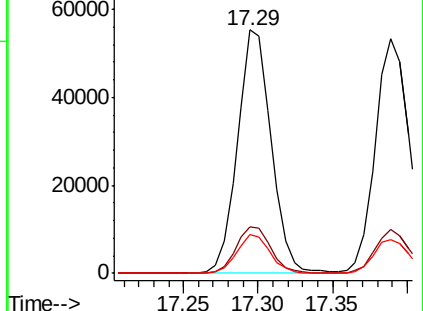
179 15.8 13.3 19.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 4.942 ng

RT: 17.39 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

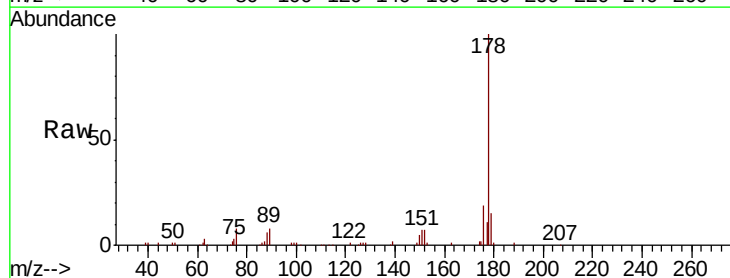
Tgt Ion:178 Resp: 86937

Ion Ratio Lower Upper

178 100

176 18.8 15.9 23.9

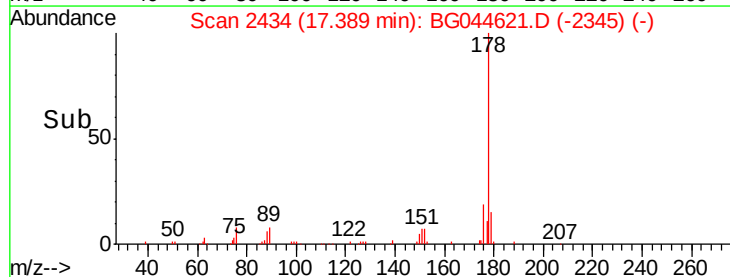
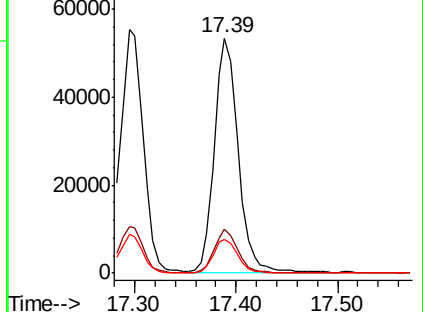
179 14.5 13.1 19.7

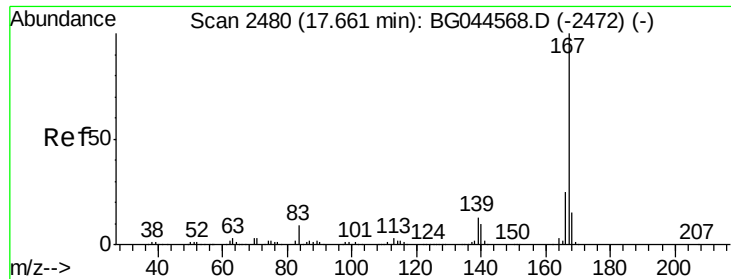


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

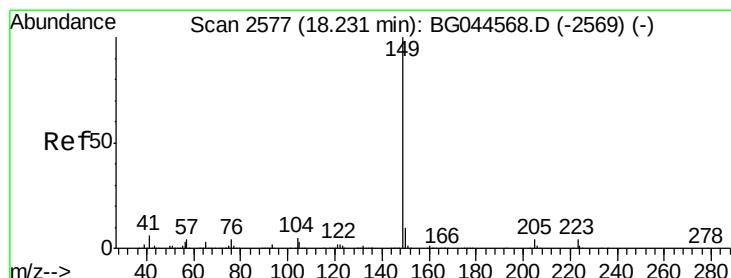
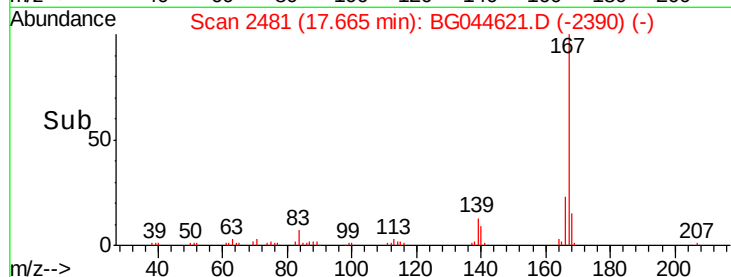
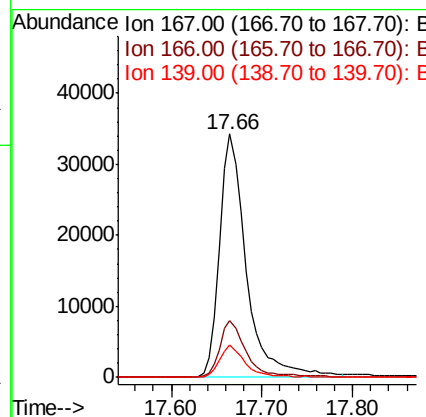
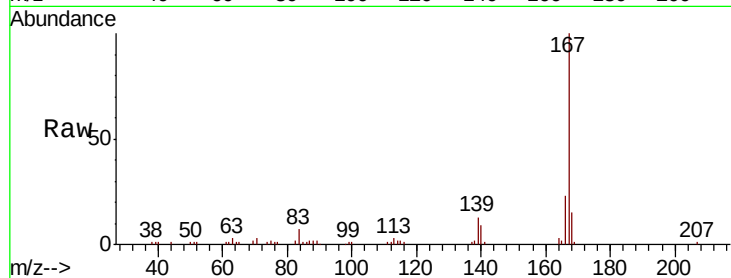




#73
 Carbazole
 Concen: 4.407 ng
 RT: 17.66 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG044621.D
 Acq: 28 Feb 2020 16:28

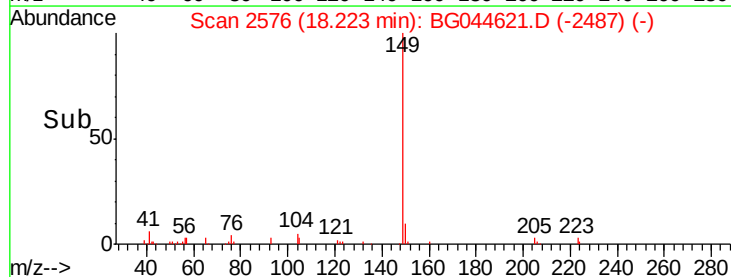
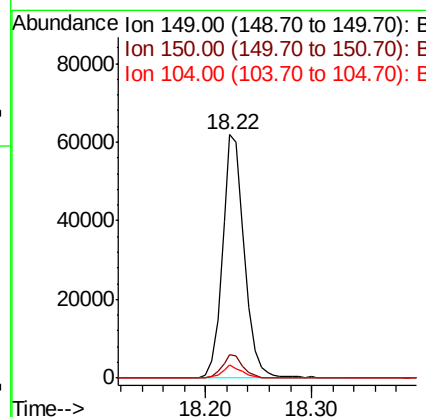
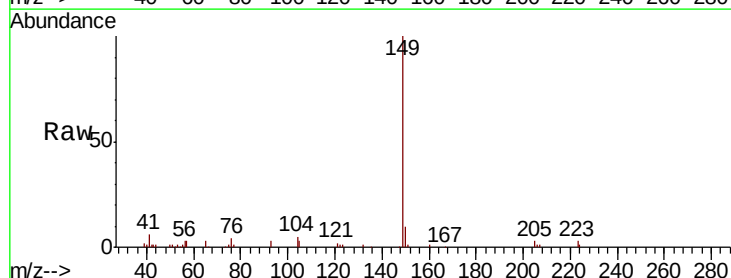
Instrument :
 BNA_G
 ClientSampleId :

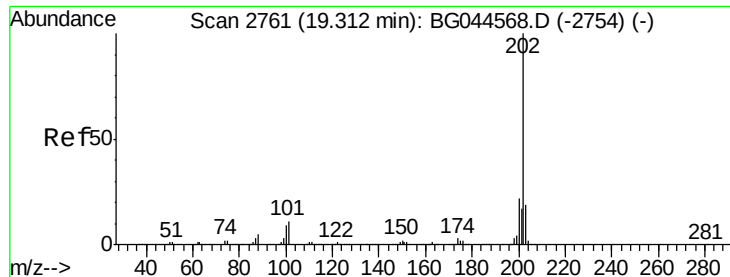
Tot Ion:167 Resp: 70565
 Ion Ratio Lower Upper
 167 100
 166 23.2 19.7 29.5
 139 13.3 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 4.431 ng
 RT: 18.22 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG044621.D
 Acq: 28 Feb 2020 16:28

Tgt Ion:149 Resp: 88900
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 5.2 4.0 6.0





#75

Fluoranthene

Concen: 4.815 ng

RT: 19.31 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Instrument :

BNA_G

ClientSampleId :

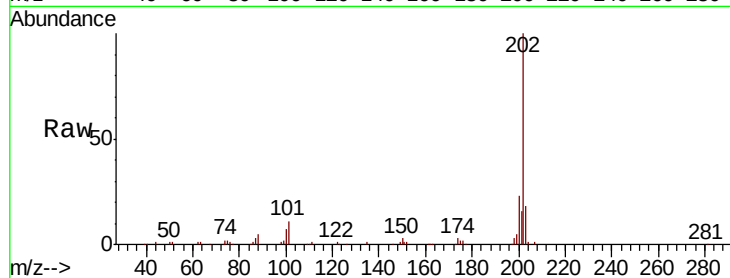
Tot Ion:202 Resp: 101738

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.0

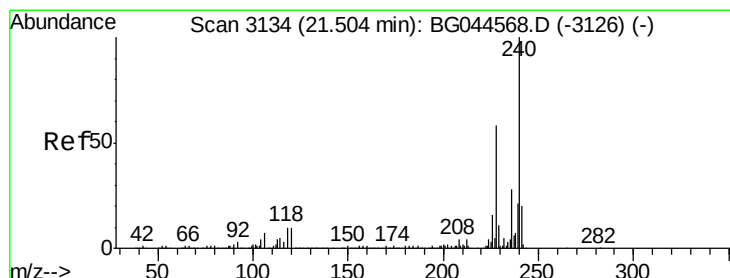
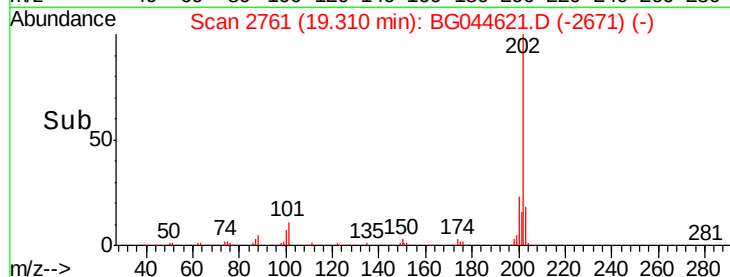
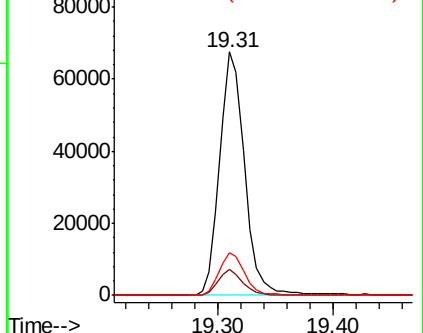
203 17.8 0.0 39.2



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# 3133

Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

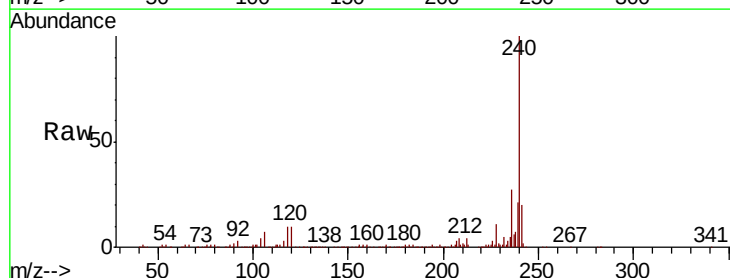
Tgt Ion:240 Resp: 317655

Ion Ratio Lower Upper

240 100

120 9.9 8.3 12.5

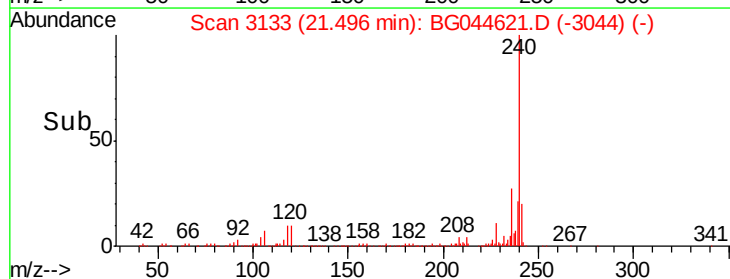
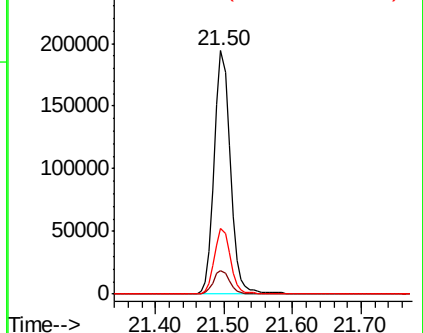
236 27.0 22.3 33.5

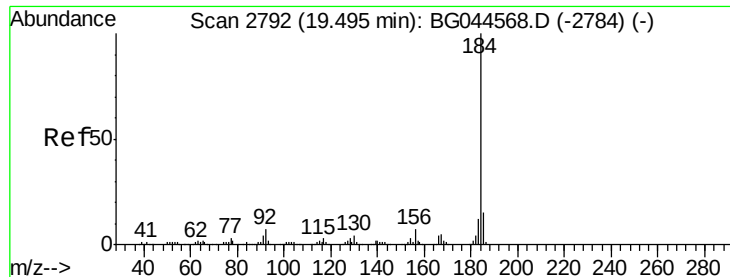


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.472 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Instrument :

BNA_G

ClientSampleId :

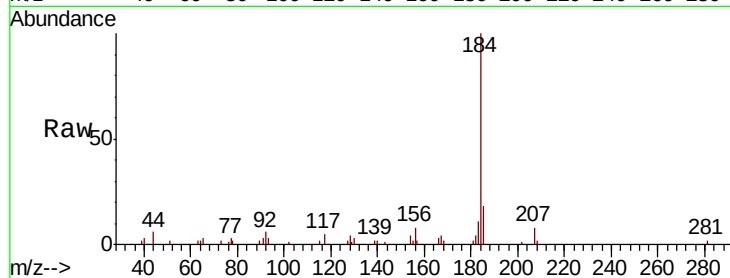
Tot Ion:184 Resp: 37777

Ion Ratio Lower Upper

184 100

185 17.7 12.2 18.4

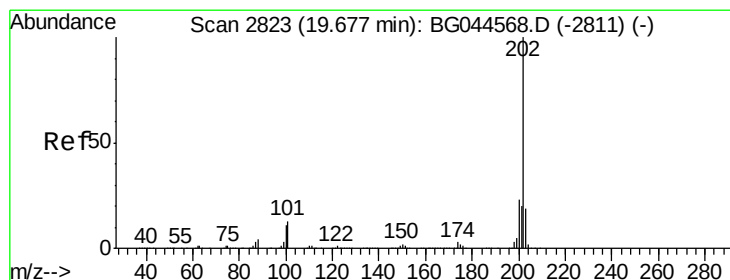
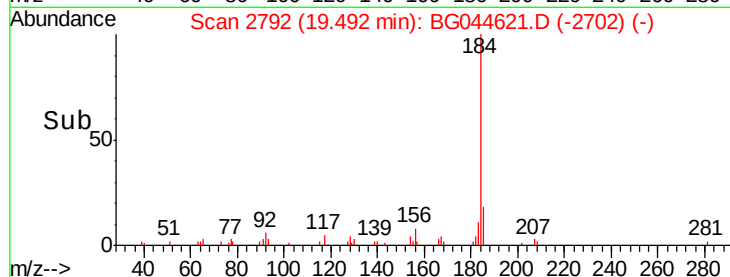
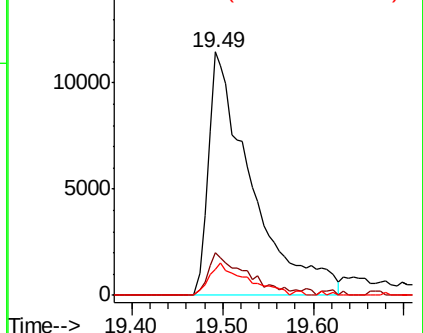
183 10.9 9.9 14.9



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: 4.693 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

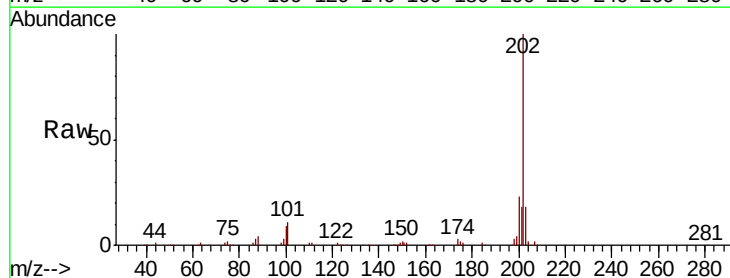
Tgt Ion:202 Resp: 108219

Ion Ratio Lower Upper

202 100

200 22.6 18.6 28.0

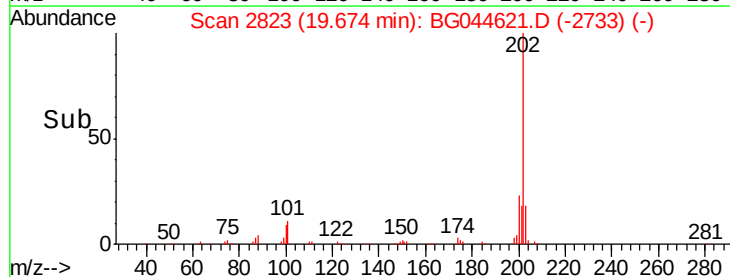
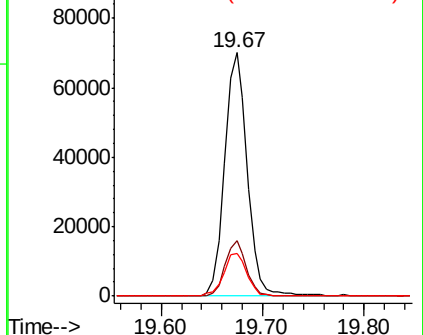
203 17.5 15.3 22.9

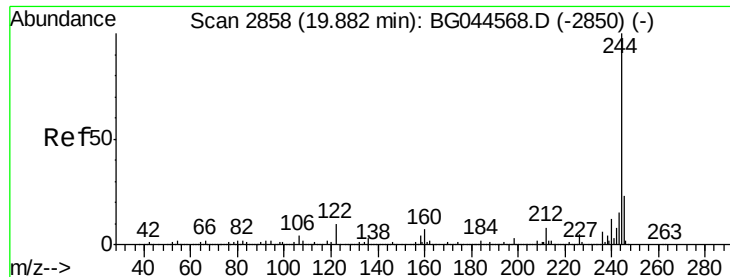


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.952 ng

RT: 19.87 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

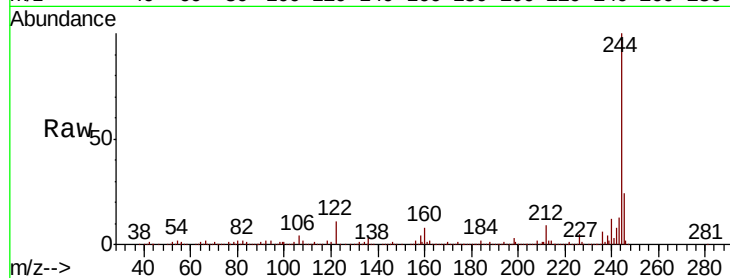
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1593285

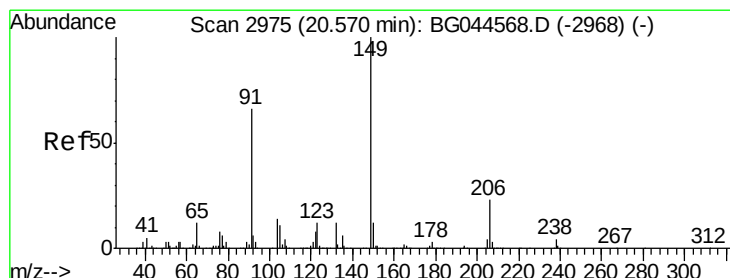
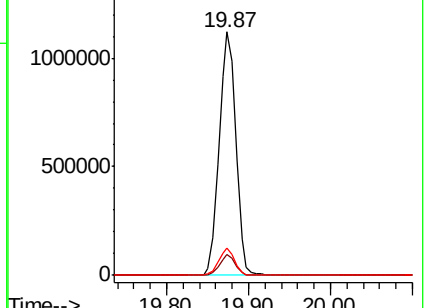
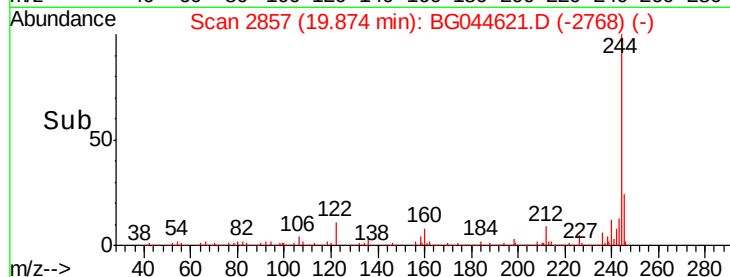
Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.0	8.2	12.4



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: 3.668 ng

RT: 20.56 min Scan# 2974

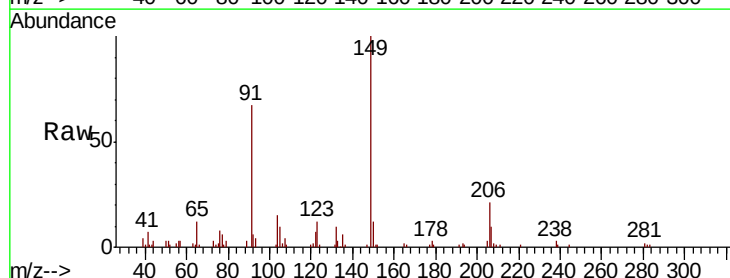
Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Tgt Ion:149 Resp: 36994

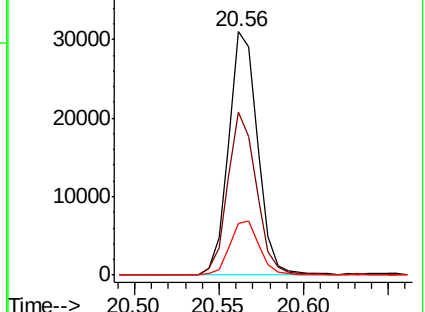
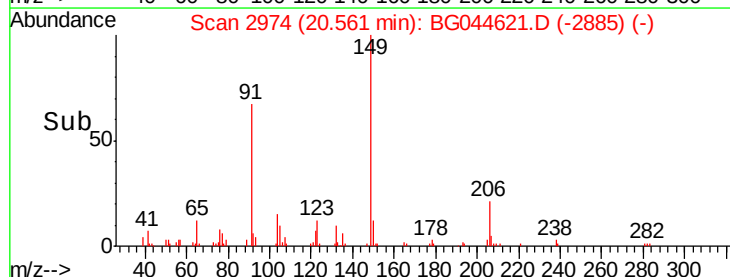
Ion	Ratio	Lower	Upper
149	100		
91	67.1	52.7	79.1
206	21.2	18.6	28.0

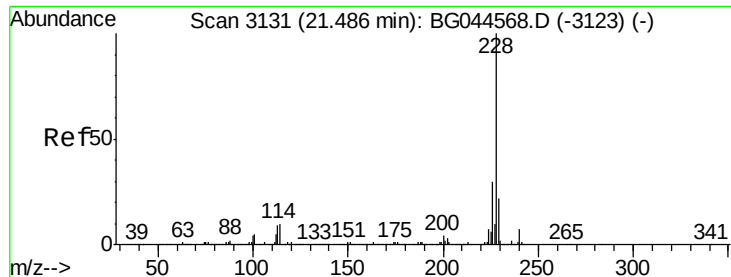


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 4.606 ng

RT: 21.48 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Instrument :

BNA_G

ClientSampleId :

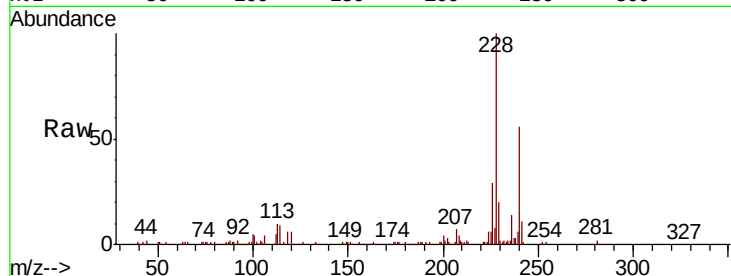
Tot Ion:228 Resp: 102824

Ion Ratio Lower Upper

228 100

226 28.6 23.8 35.8

229 19.7 17.2 25.8

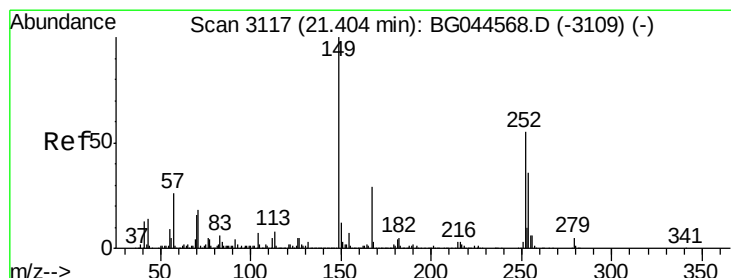
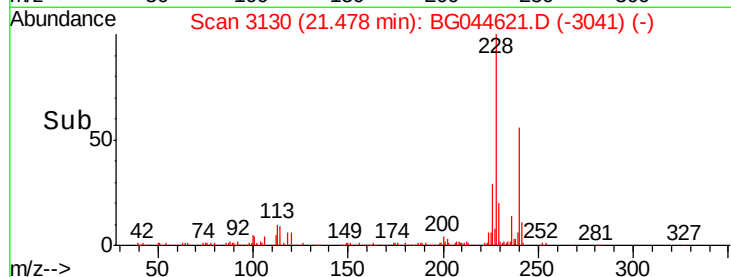
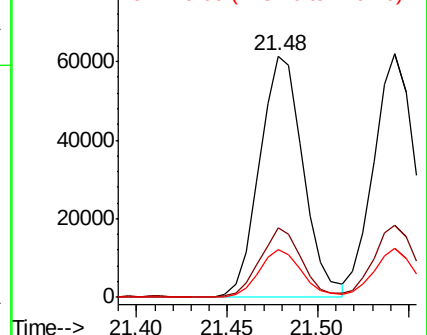


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 4.285 ng

RT: 21.41 min Scan# 3118

Delta R.T. 0.00 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

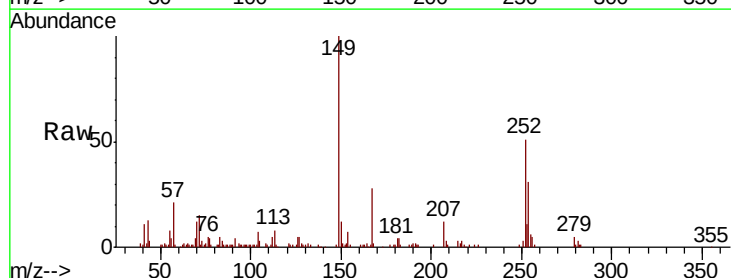
Tgt Ion:252 Resp: 37798

Ion Ratio Lower Upper

252 100

254 61.9 51.5 77.3

126 10.1 7.8 11.6

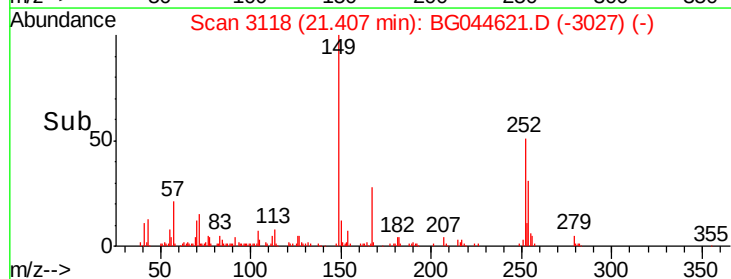
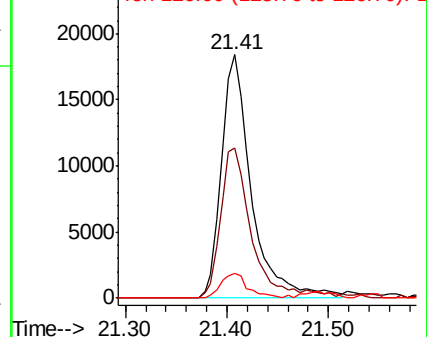


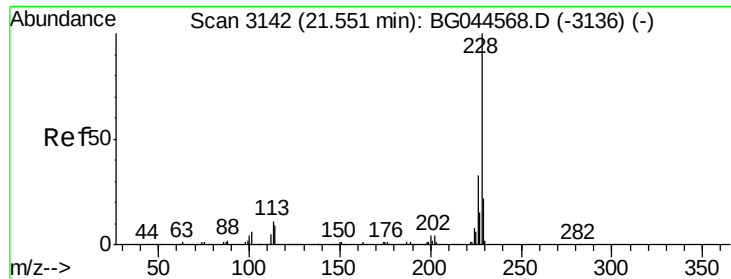
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

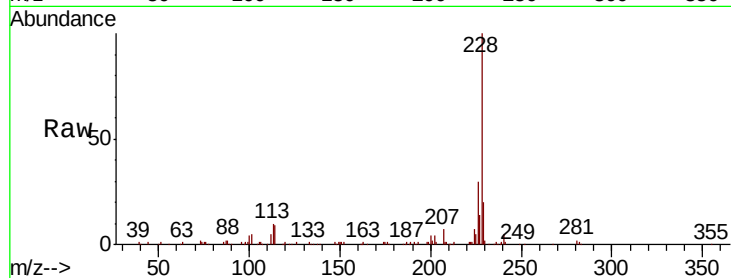




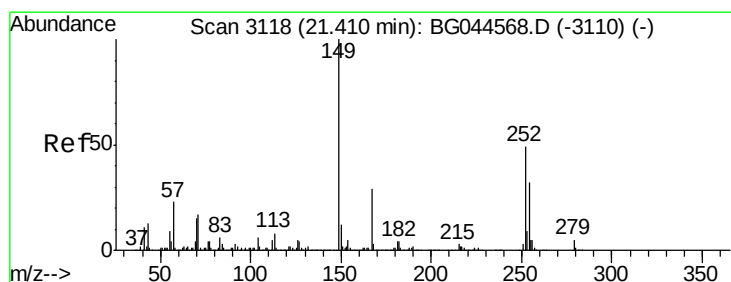
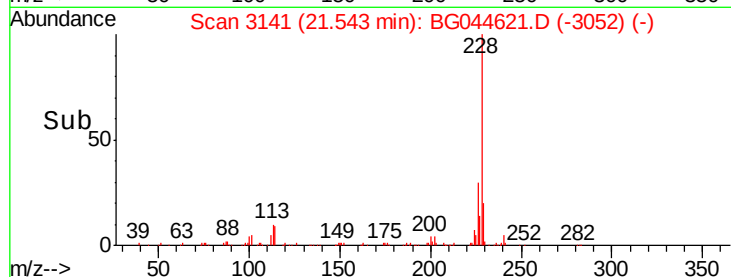
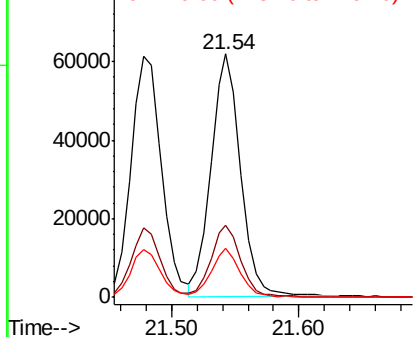
#83
Chrysene
Concen: 4.639 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Instrument :
BNA_G
ClientSampled :

Tot Ion:228 Resp: 100142
Ion Ratio Lower Upper
228 100
226 29.6 26.1 39.1
229 20.0 17.2 25.8

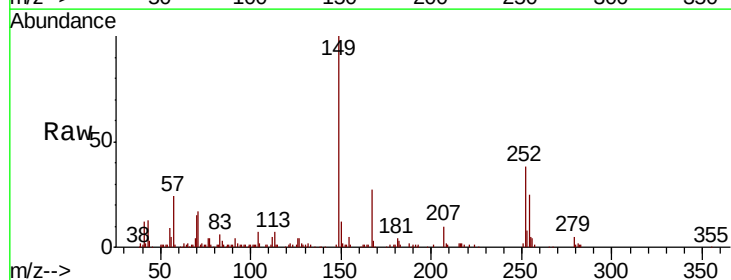


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

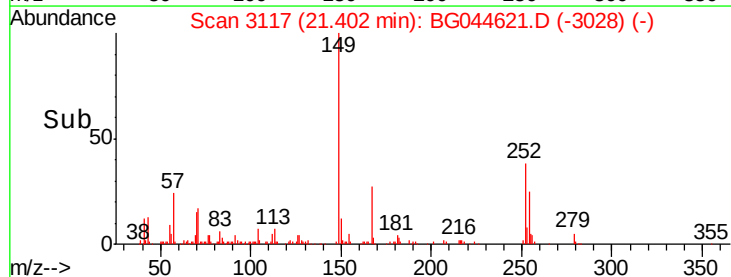
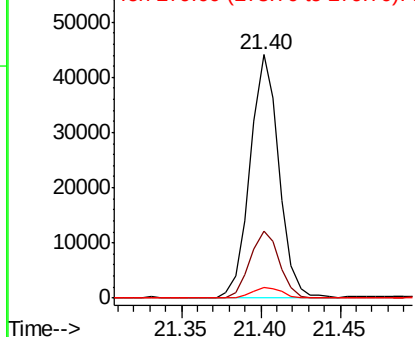


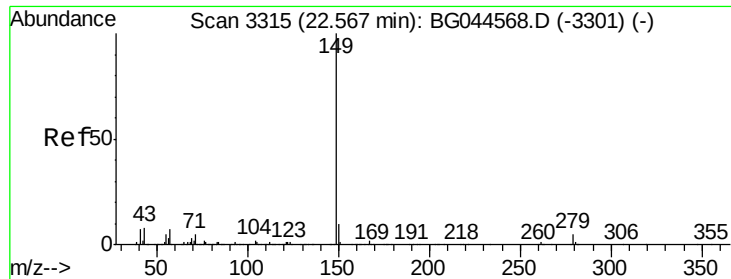
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.024 ng
RT: 21.40 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Tgt Ion:149 Resp: 55929
Ion Ratio Lower Upper
149 100
167 27.4 23.4 35.0
279 4.5 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 3.769 ng

RT: 22.56 min Scan# 3314

Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Instrument :

BNA_G

ClientSampleId :

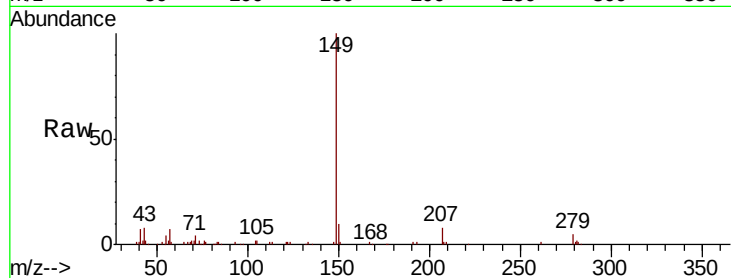
Tot Ion:149 Resp: 92147

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

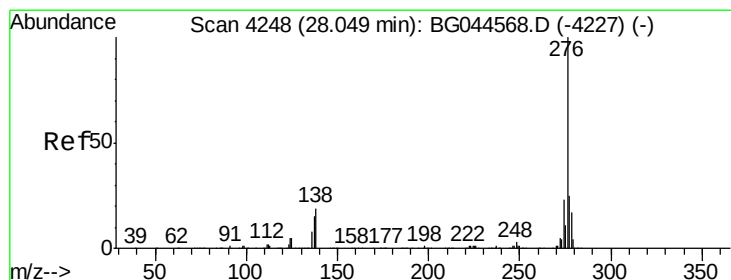
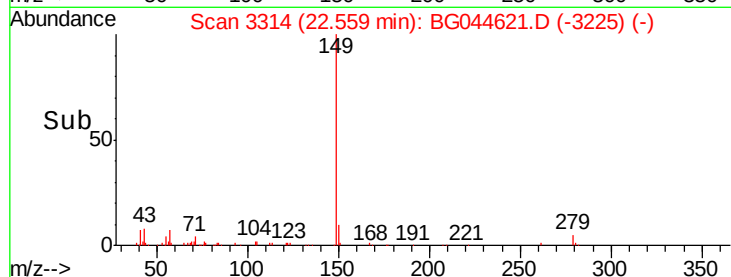
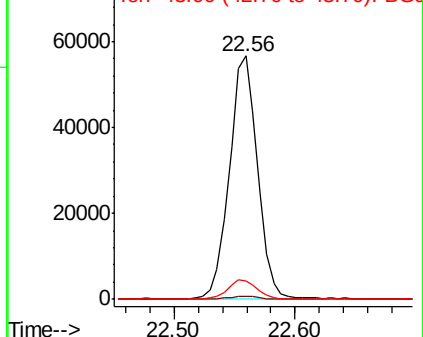
43 8.6 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 3.930 ng

RT: 28.04 min Scan# 4246

Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

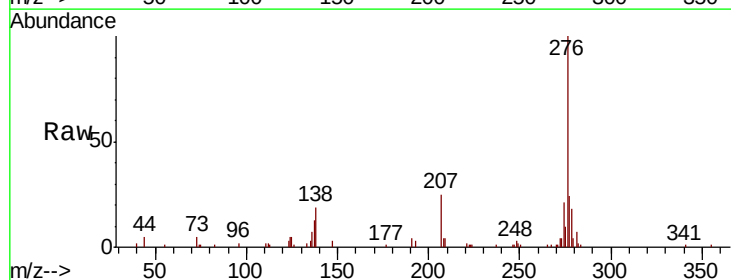
Tgt Ion:276 Resp: 108867

Ion Ratio Lower Upper

276 100

138 10.3 18.2 27.4#

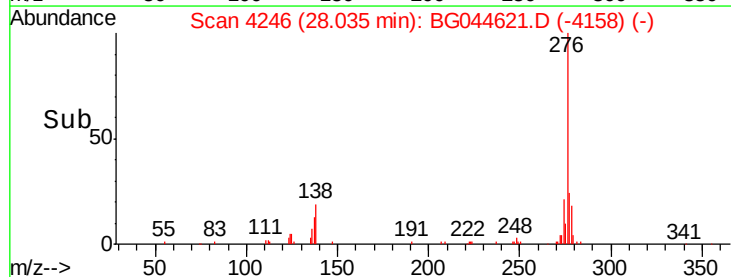
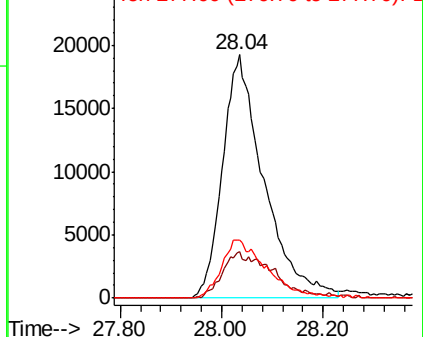
277 25.9 20.7 31.1

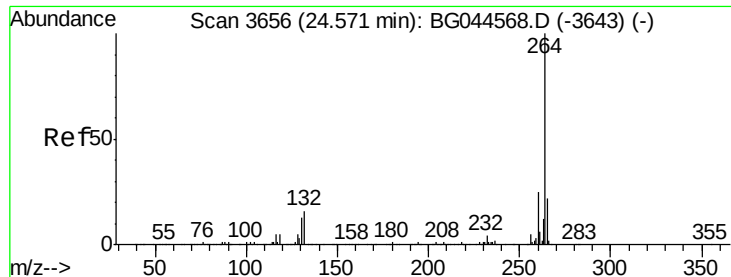


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.56 min Scan# 3655

Delta R.T. -0.01 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

Instrument :

BNA_G

ClientSampleId :

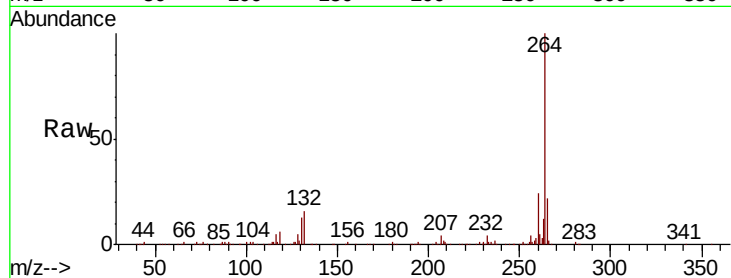
Tot Ion:264 Resp: 351742

Ion Ratio Lower Upper

264 100

260 24.0 19.7 29.5

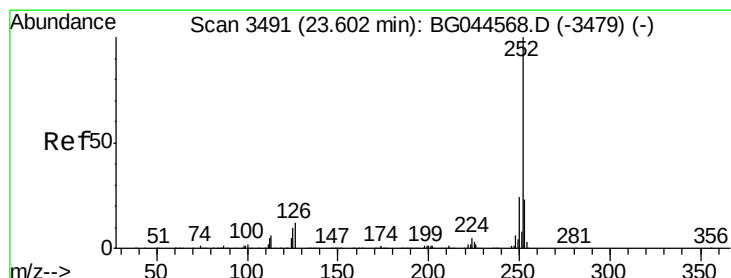
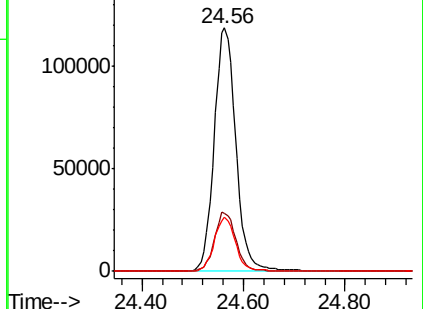
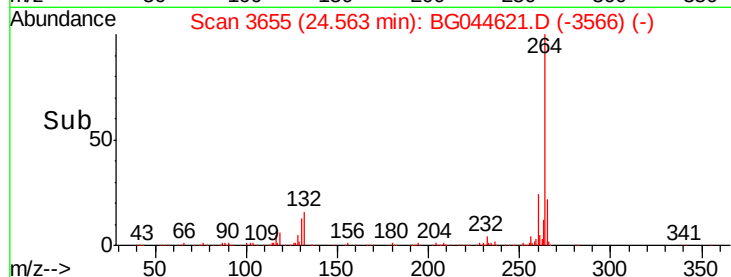
265 22.4 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 4.291 ng

RT: 23.60 min Scan# 3491

Delta R.T. -0.00 min

Lab File: BG044621.D

Acq: 28 Feb 2020 16:28

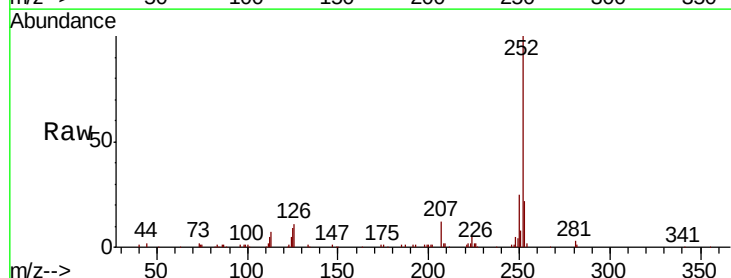
Tgt Ion:252 Resp: 99224

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

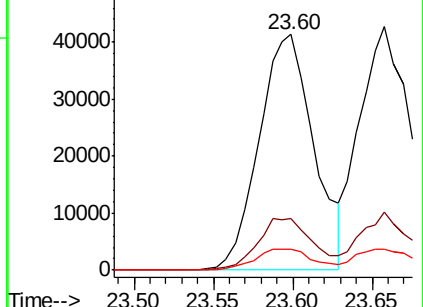
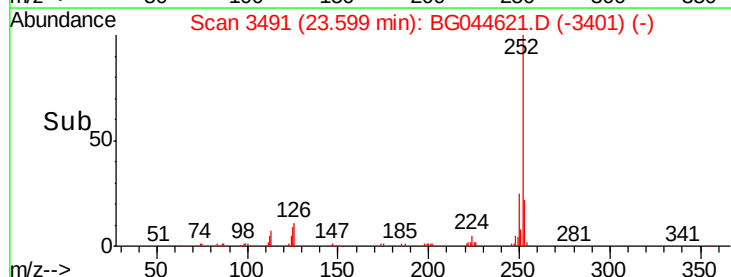
125 8.9 7.9 11.9

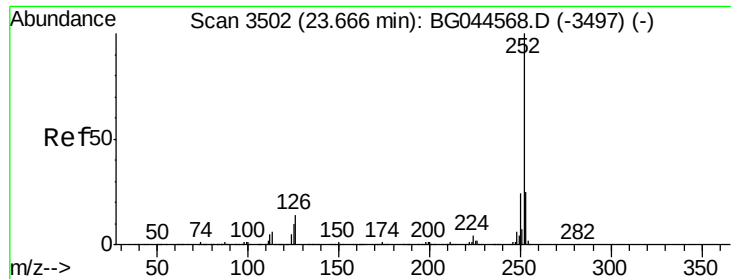


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

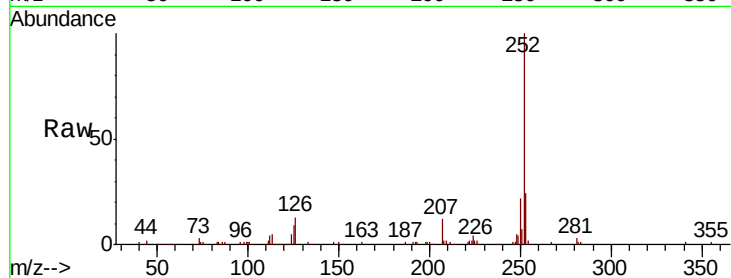




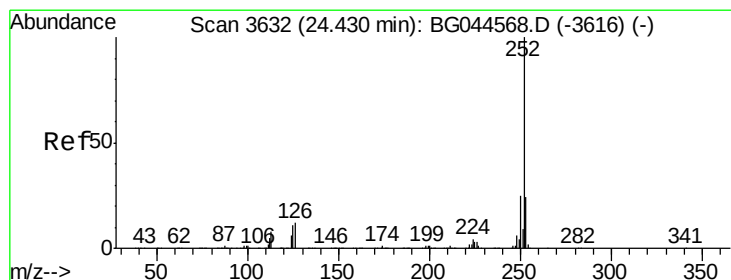
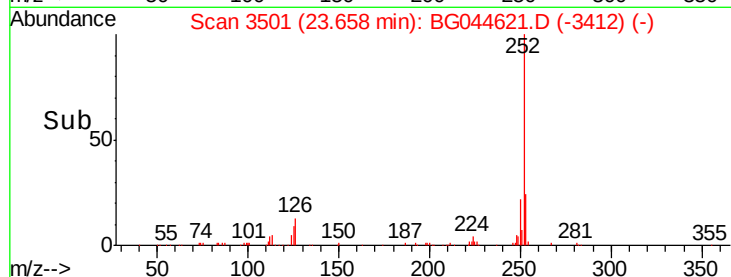
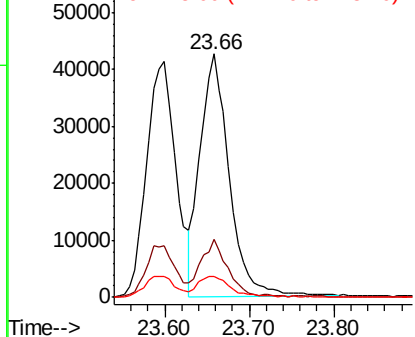
#89
Benzo(k)fluoranthene
Concen: 4.552 ng
RT: 23.66 min Scan# 3501
Delta R.T. -0.01 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 102151
Ion Ratio Lower Upper
252 100
253 23.7 19.0 28.6
125 8.5 7.8 11.8

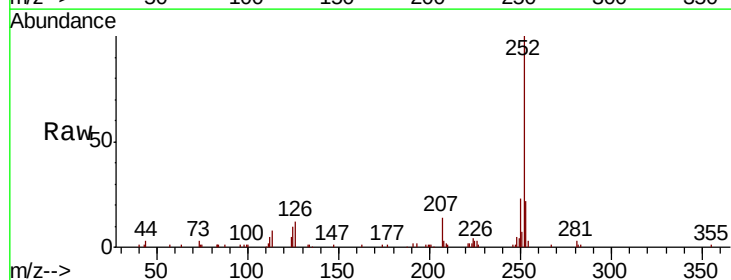


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

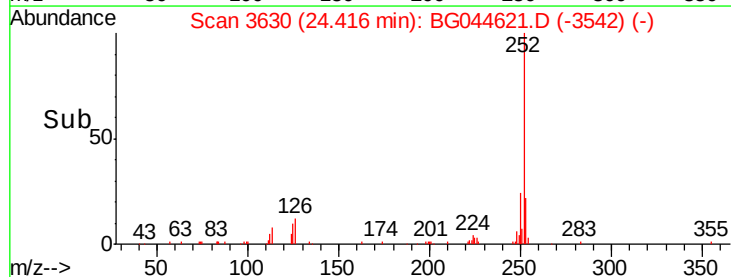
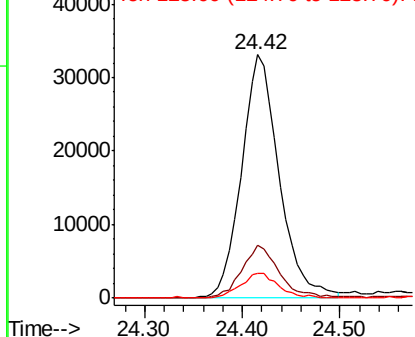


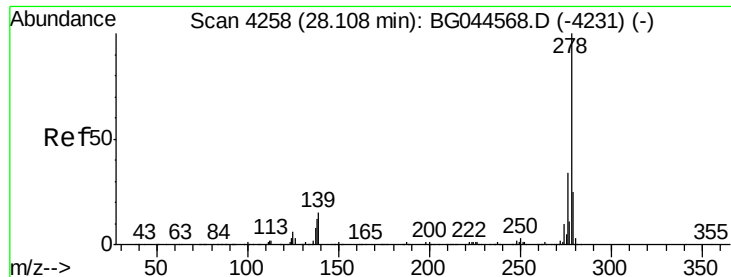
#90
Benzo(a)pyrene
Concen: 4.108 ng
RT: 24.42 min Scan# 3630
Delta R.T. -0.01 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Tgt Ion:252 Resp: 89271
Ion Ratio Lower Upper
252 100
253 21.9 19.0 28.4
125 10.1 8.5 12.7



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

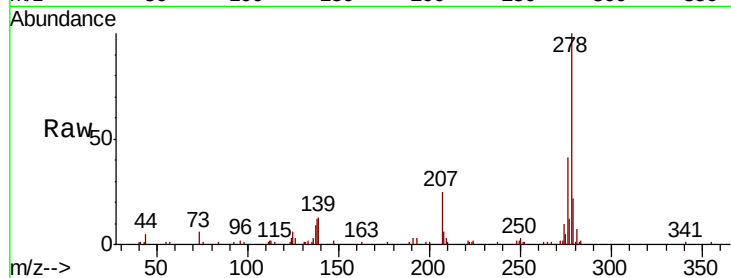




#91
Dibenzo(a,h)anthracene
Concen: 4.184 ng
RT: 28.09 min Scan# 4256
Delta R.T. -0.01 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.7	17.5
279	22.0	19.8	29.6

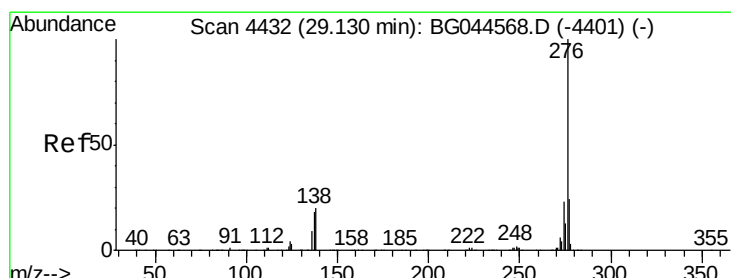
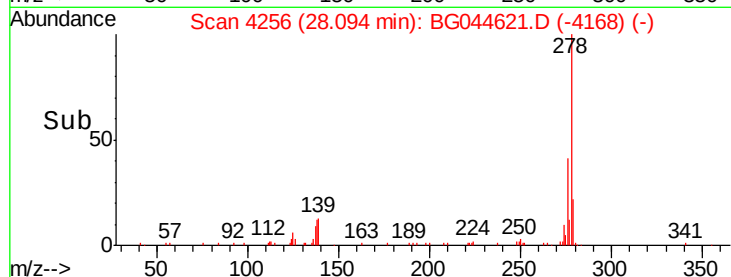
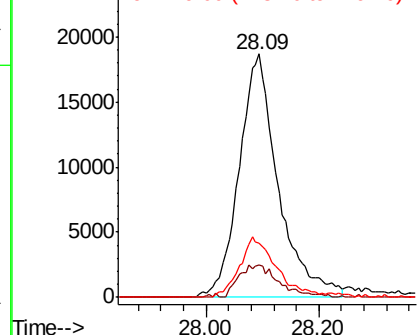


Abundance

Ion 278.00 (277.70 to 278.70): E

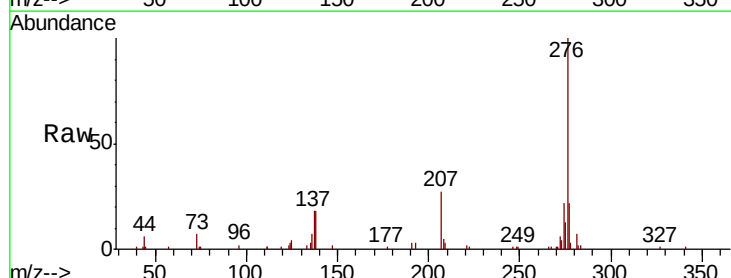
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 4.410 ng
RT: 29.10 min Scan# 4428
Delta R.T. -0.03 min
Lab File: BG044621.D
Acq: 28 Feb 2020 16:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.5	29.3
138	17.9	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

