

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021720\
 Data File : BG044450.D
 Acq On : 17 Feb 2020 17:01
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 18 06:04:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	74626	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	295182	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	184248	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	398234	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	371010	20.00	ng	-0.02
87) Perylene-d12	24.60	264	412808	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	362469	85.72	ng	-0.01
7) Phenol-d6	7.07	99	475237	83.69	ng	-0.01
23) Nitrobenzene-d5	9.05	82	436553	83.49	ng	-0.01
42) 2,4,6-Tribromophenol	16.02	330	182800	84.51	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	975562	88.66	ng	-0.01
79) Terphenyl-d14	19.89	244	1400006	77.62	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	80393	42.316	ng	100
3) Pyridine	3.76	79	227355	44.918	ng	98
4) n-Nitrosodimethylamine	3.67	42	83949	39.690	ng	95
6) Aniline	7.21	93	289488	41.073	ng	99
8) 2-Chlorophenol	7.46	128	192534	41.430	ng	99
9) Benzaldehyde	7.02	77	126203	39.025	ng	96
10) Phenol	7.09	94	233391	41.532	ng	100
11) bis(2-Chloroethyl)ether	7.31	93	194455	40.475	ng	96
12) 1,3-Dichlorobenzene	7.78	146	231809	41.778	ng	96
13) 1,4-Dichlorobenzene	7.93	146	232294	42.270	ng	99
14) 1,2-Dichlorobenzene	8.25	146	217280	41.830	ng	97
15) Benzyl Alcohol	8.13	79	163320	40.627	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.42	45	265825	40.880	ng	99
17) 2-Methylphenol	8.34	107	163682	40.824	ng	98
18) Hexachloroethane	8.97	117	83950	40.709	ng	95
19) n-Nitroso-di-n-propylamine	8.70	70	151104	39.930	ng	97
20) 3+4-Methylphenols	8.67	107	225364	40.785	ng	99
22) Acetophenone	8.71	105	299002	41.639	ng	100
24) Nitrobenzene	9.09	77	211799	41.494	ng	99
25) Isophorone	9.61	82	402580	41.310	ng	99
26) 2-Nitrophenol	9.80	139	114136	43.093	ng	99
27) 2,4-Dimethylphenol	9.87	122	157934	42.243	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	267043	41.077	ng	99
29) 2,4-Dichlorophenol	10.34	162	189997	42.028	ng	98
30) 1,2,4-Trichlorobenzene	10.56	180	218432	42.138	ng	99
31) Naphthalene	10.74	128	601706	42.015	ng	99
32) Benzoic acid	10.03	122	65016	32.777	ng	97
33) 4-Chloroaniline	10.85	127	269189	41.329	ng	98
34) Hexachlorobutadiene	11.04	225	135310	42.421	ng	98
35) Caprolactam	11.61	113	67994	41.058	ng	98
36) 4-Chloro-3-methylphenol	11.98	107	193300	40.782	ng	99
37) 2-Methylnaphthalene	12.35	142	441021	41.476	ng	99
38) 1-Methylnaphthalene	12.57	142	417808	41.677	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	238822	43.332	ng	99

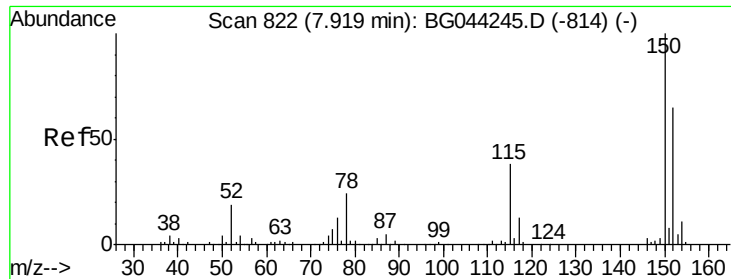
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021720\
 Data File : BG044450.D
 Acq On : 17 Feb 2020 17:01
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: Feb 18 06:04:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	87053	32.918	ng	98
43) 2,4,6-Trichlorophenol	12.96	196	153707	43.146	ng	97
44) 2,4,5-Trichlorophenol	13.04	196	156830	43.100	ng	99
46) 1,1'-Biphenyl	13.36	154	573093	43.122	ng	98
47) 2-Chloronaphthalene	13.40	162	452457	42.783	ng	98
48) 2-Nitroaniline	13.60	65	128892	41.298	ng	99
49) Acenaphthylene	14.25	152	669109	43.136	ng	99
50) Dimethylphthalate	13.99	163	557258	42.075	ng	99
51) 2,6-Dinitrotoluene	14.10	165	122261	41.402	ng	98
52) Acenaphthene	14.60	154	424130	42.185	ng	98
53) 3-Nitroaniline	14.43	138	134189	41.073	ng	100
54) 2,4-Dinitrophenol	14.64	184	57628	37.420	ng	98
55) Dibenzofuran	14.93	168	651005	42.766	ng	98
56) 4-Nitrophenol	14.75	139	95900	40.073	ng	97
57) 2,4-Dinitrotoluene	14.89	165	172614	41.705	ng	97
58) Fluorene	15.58	166	515248	42.975	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	136426	41.508	ng	100
60) Diethylphthalate	15.36	149	548934	41.596	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	274485	42.223	ng	99
62) 4-Nitroaniline	15.60	138	135550	41.521	ng	97
63) Azobenzene	15.87	77	474843	41.054	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	92447	42.055	ng	99
66) n-Nitrosodiphenylamine	15.78	169	465111	41.676	ng	99
67) 4-Bromophenyl-phenylether	16.47	248	180655	41.638	ng	98
68) Hexachlorobenzene	16.59	284	203544	41.875	ng	99
69) Atrazine	16.74	200	149029	38.960	ng	98
70) Pentachlorophenol	16.94	266	88697	37.809	ng	95
71) Phenanthrene	17.32	178	827813	42.928	ng	98
72) Anthracene	17.41	178	816916	42.848	ng	98
73) Carbazole	17.68	167	754113	42.906	ng	98
74) Di-n-butylphthalate	18.24	149	934317	43.017	ng	99
75) Fluoranthene	19.33	202	961240	43.090	ng	99
77) Benzidine	19.50	184	415684	40.393	ng	98
78) Pyrene	19.69	202	971185	40.761	ng	97
80) Butylbenzylphthalate	20.58	149	439110	40.441	ng	99
81) Benzo(a)anthracene	21.50	228	944736	41.317	ng	98
82) 3,3'-Dichlorobenzidine	21.42	252	369486	41.635	ng	99
83) Chrysene	21.57	228	909177	41.136	ng	97
84) Bis(2-ethylhexyl)phthalate	21.42	149	606353	40.572	ng	98
85) Di-n-octyl phthalate	22.58	149	1077377	41.665	ng	99
86) Indeno(1,2,3-cd)pyrene	28.08	276	1163219	40.340	ng	99
88) Benzo(b)fluoranthene	23.62	252	1019467	42.857	ng	98
89) Benzo(k)fluoranthene	23.69	252	979410	42.245	ng	99
90) Benzo(a)pyrene	24.45	252	955066	42.465	ng	100
91) Dibenzo(a,h)anthracene	28.14	278	950938	42.723	ng	100
92) Benzo(g,h,i)perylene	29.17	276	942710	42.308	ng	98

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

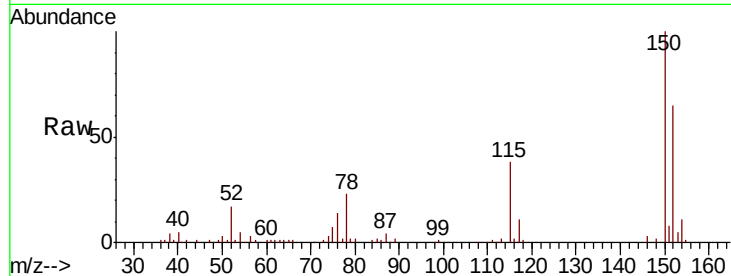


#1

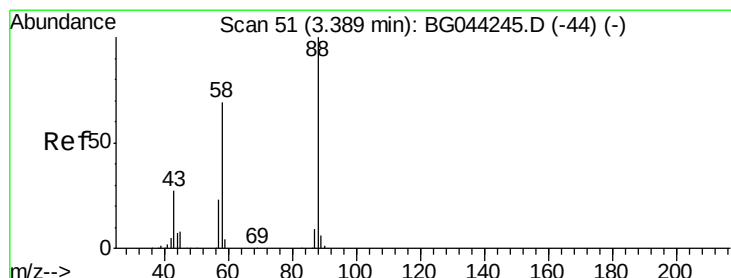
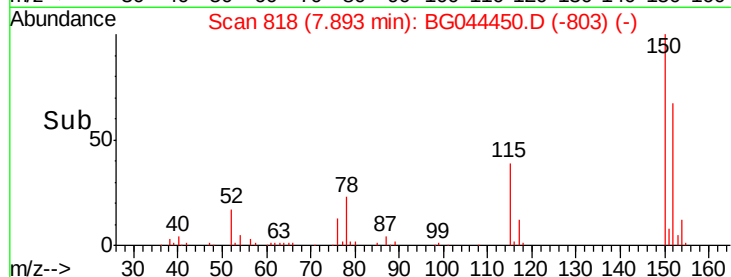
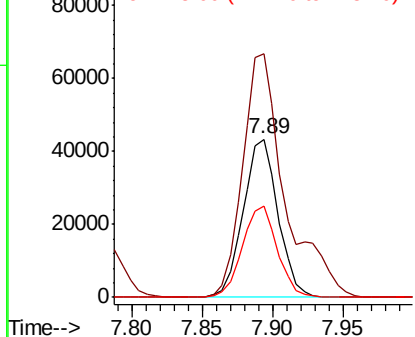
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 74626
Ion Ratio Lower Upper
152 100
150 153.7 122.6 183.8
115 57.8 46.0 69.0



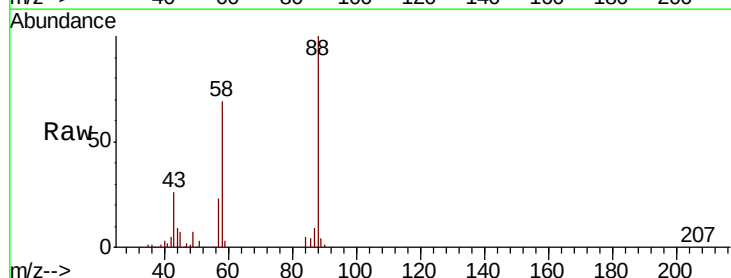
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



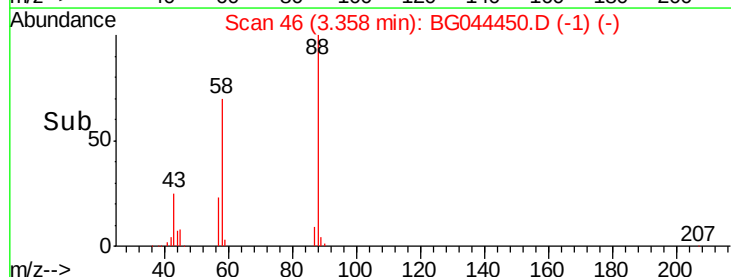
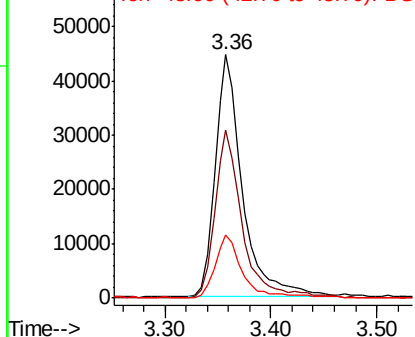
#2

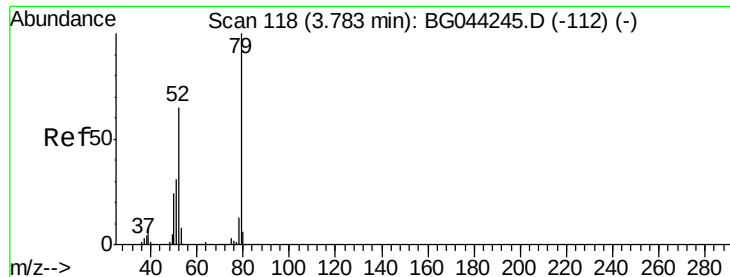
1,4-Dioxane
Concen: 42.316 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Tgt Ion: 88 Resp: 80393
Ion Ratio Lower Upper
88 100
58 69.7 55.8 83.6
43 27.0 21.6 32.4



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: 44.918 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

Instrument :

BNA_G

ClientSampleId :

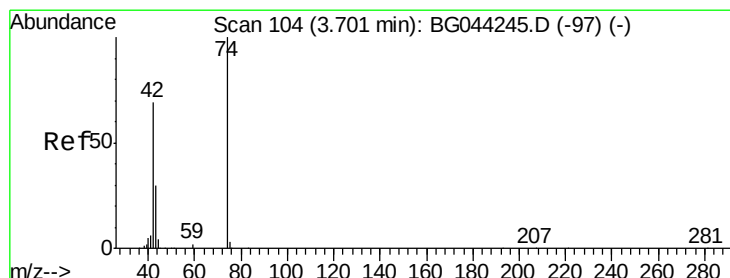
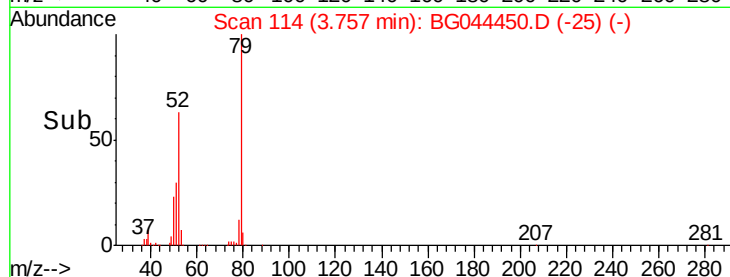
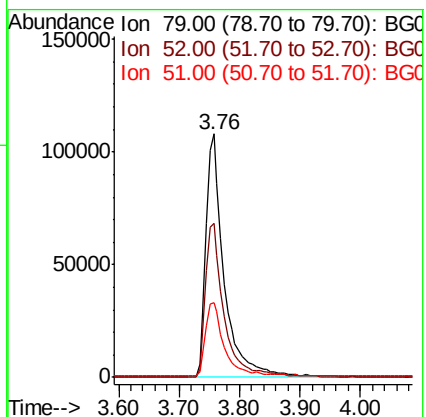
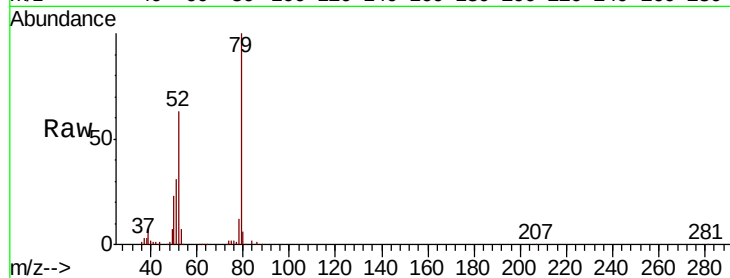
Tot Ion: 79 Resp: 227355

Ion Ratio Lower Upper

79 100

52 63.1 51.9 77.9

51 30.9 25.3 37.9



#4

n-Nitrosodimethylamine

Concen: 39.690 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

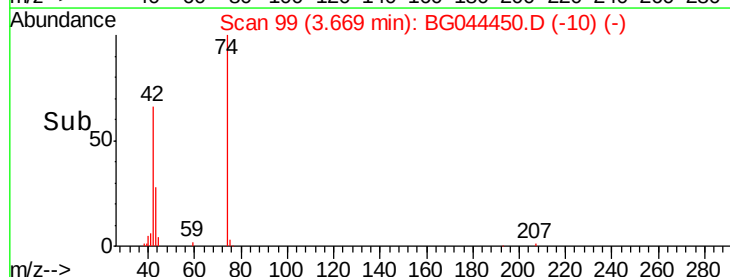
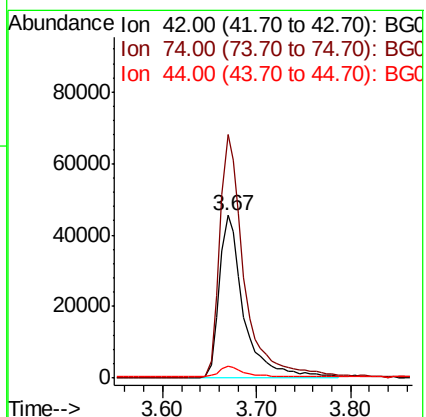
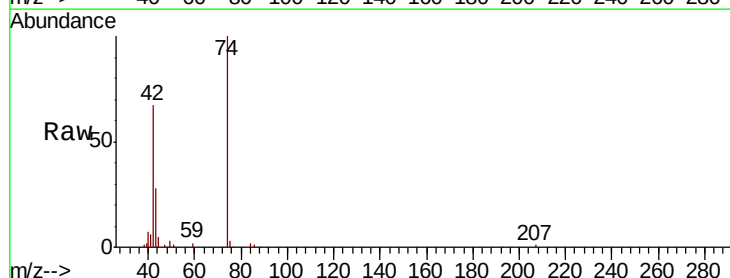
Tgt Ion: 42 Resp: 83949

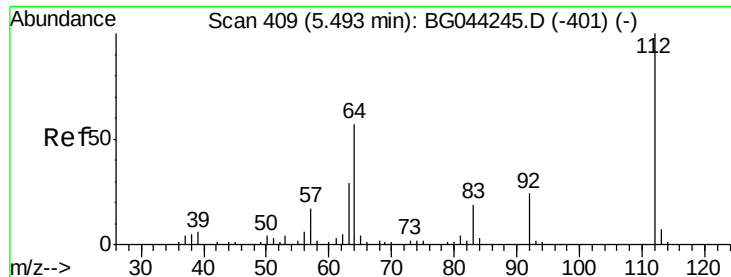
Ion Ratio Lower Upper

42 100

74 149.8 115.1 172.7

44 7.5 5.6 8.4





#5

2-Fluorophenol

Concen: 85.721 ng

RT: 5.47 min Scan# 405

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

Instrument :

BNA_G

ClientSampled :

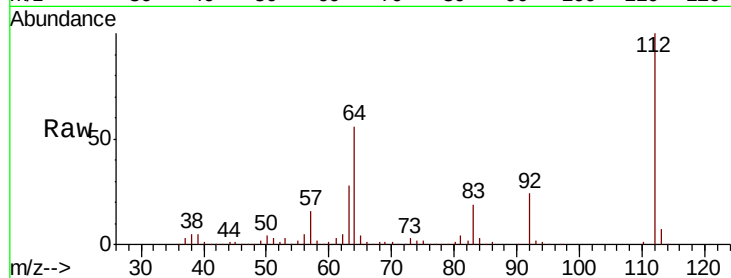
Tot Ion: 112 Resp: 362469

Ion Ratio Lower Upper

112 100

64 56.1 45.4 68.2

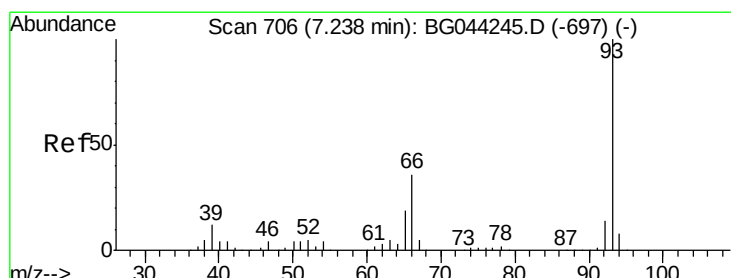
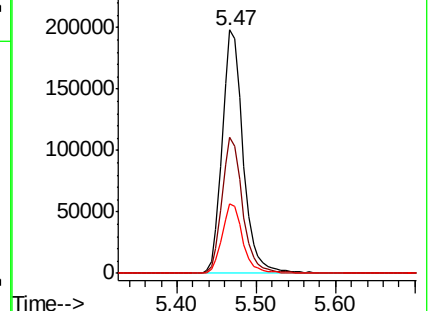
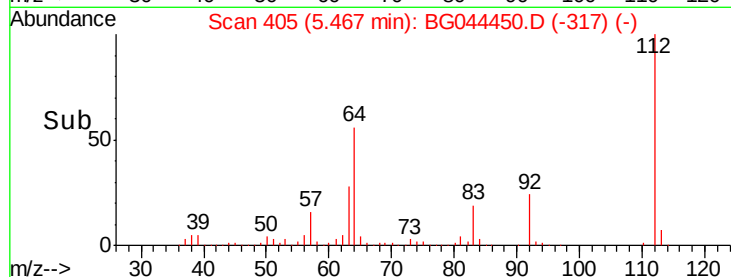
63 28.4 22.9 34.3



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: 41.073 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

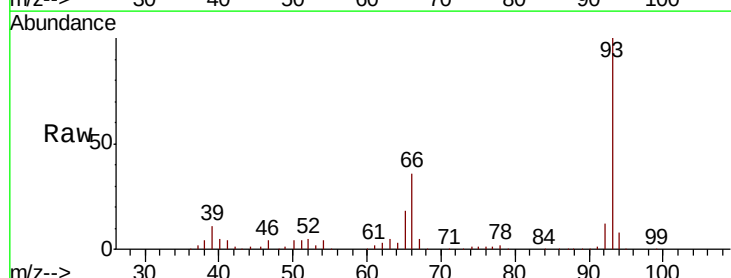
Tgt Ion: 93 Resp: 289488

Ion Ratio Lower Upper

93 100

66 35.8 28.7 43.1

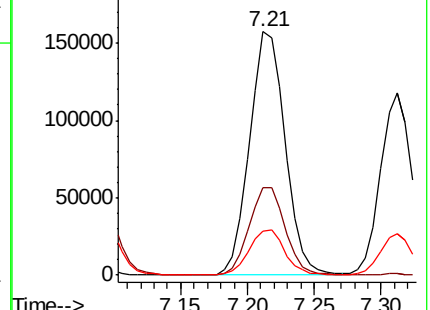
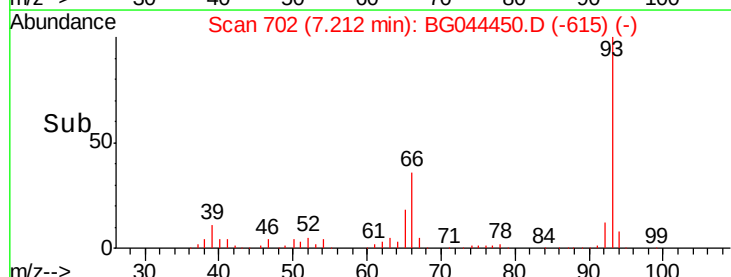
65 17.9 15.4 23.0

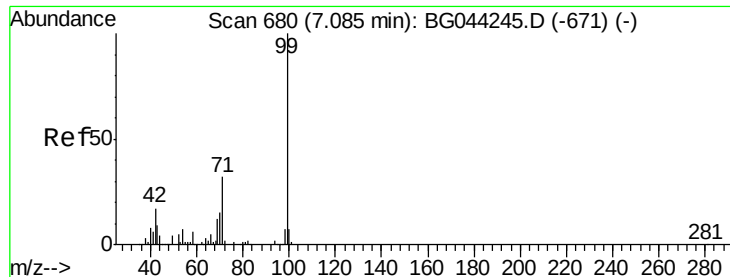


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.695 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

Instrument :

BNA_G

ClientSampleId :

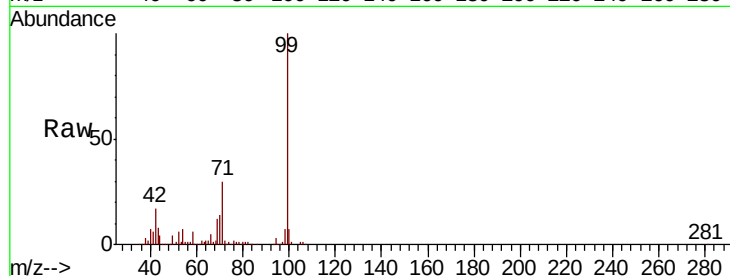
Tot Ion: 99 Resp: 475237

Ion Ratio Lower Upper

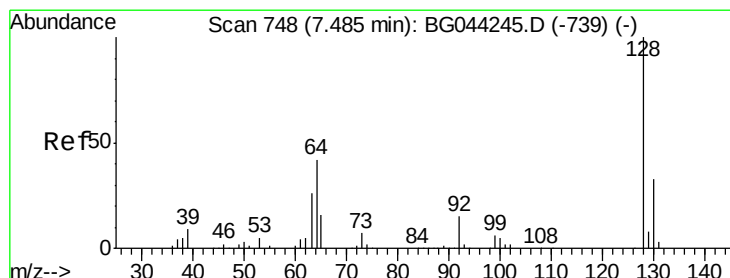
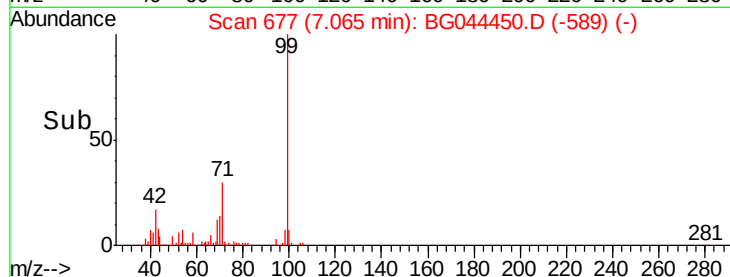
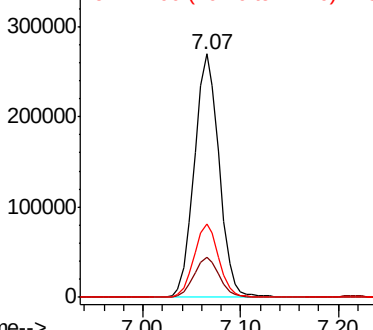
99 100

42 16.6 13.8 20.6

71 30.2 25.5 38.3



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: 41.430 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

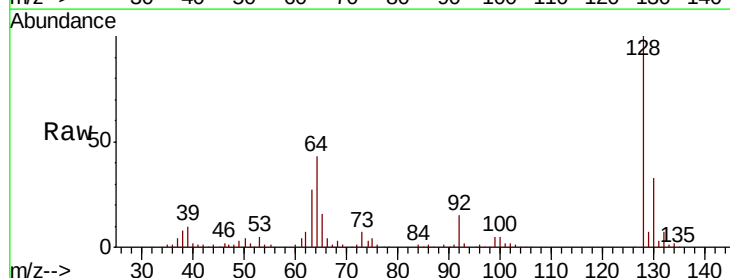
Tgt Ion: 128 Resp: 192534

Ion Ratio Lower Upper

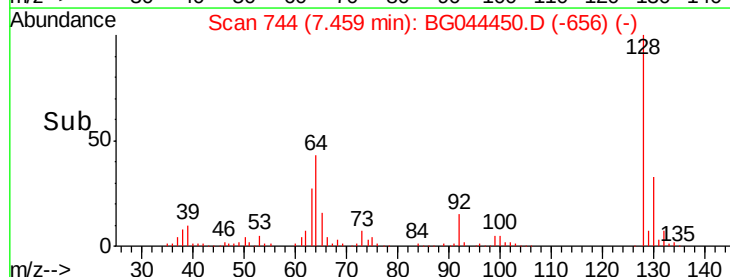
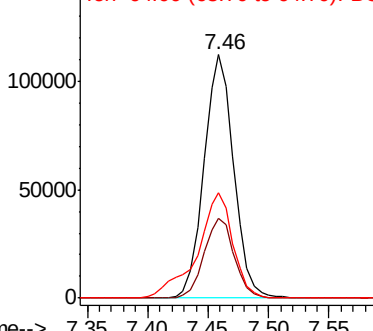
128 100

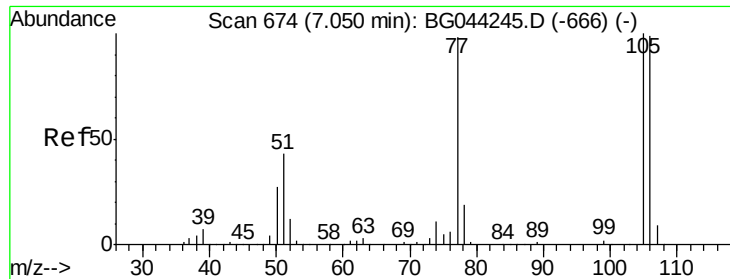
130 32.9 12.5 52.5

64 43.5 24.2 64.2



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: 39.025 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

Instrument :

BNA_G

ClientSampled :

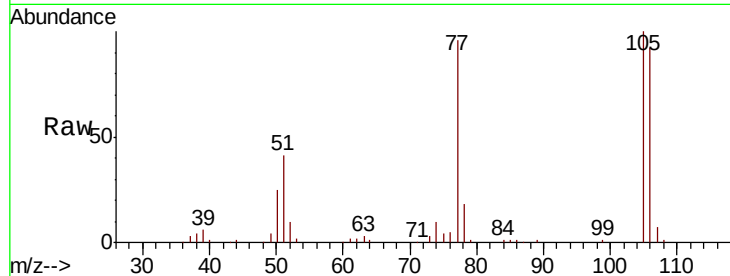
Tot Ion: 77 Resp: 126203

Ion Ratio Lower Upper

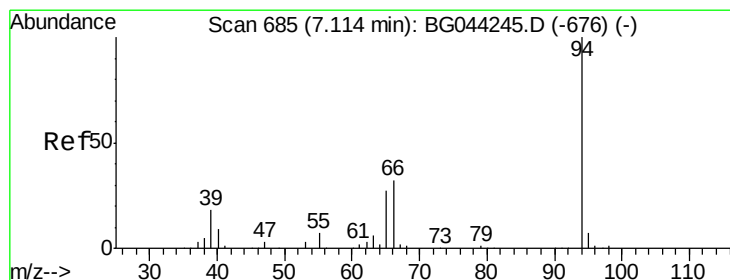
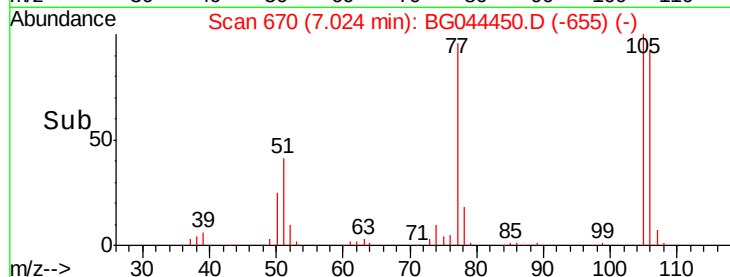
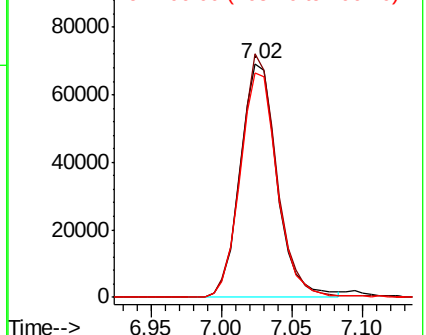
77 100

105 104.1 82.0 122.0

106 95.6 80.7 120.7



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: 41.532 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

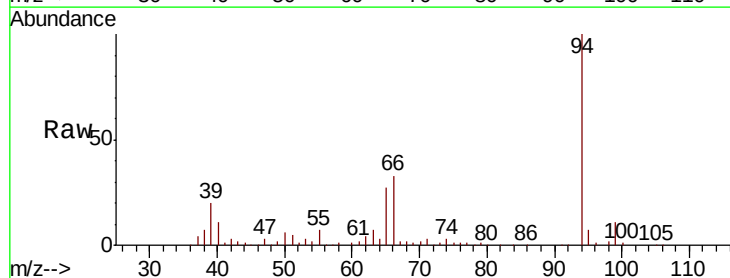
Tgt Ion: 94 Resp: 233391

Ion Ratio Lower Upper

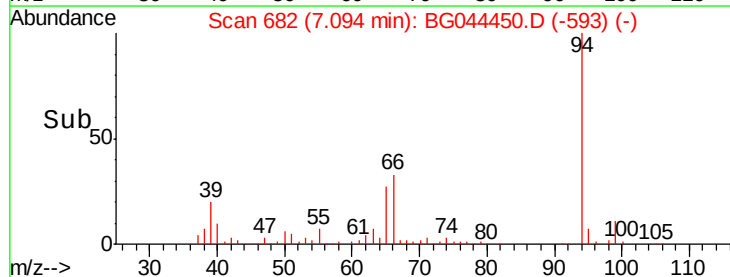
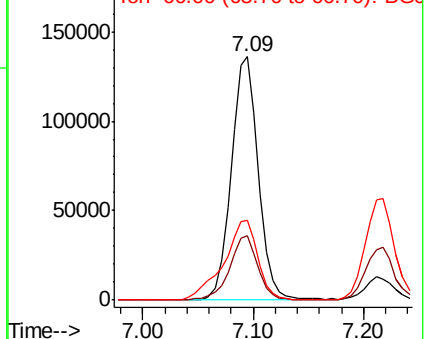
94 100

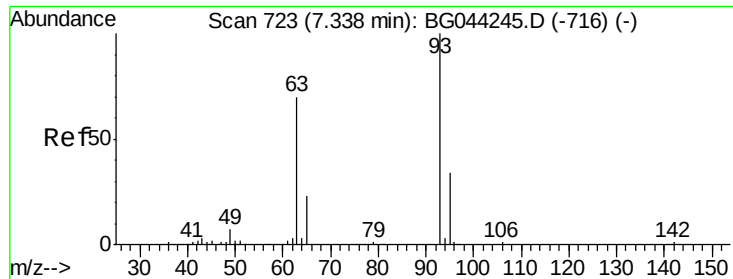
65 26.6 7.0 47.0

66 32.8 12.7 52.7



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

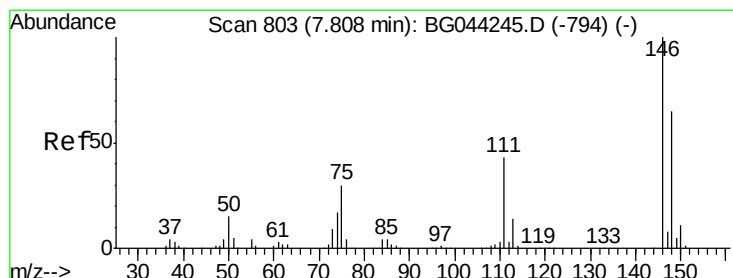
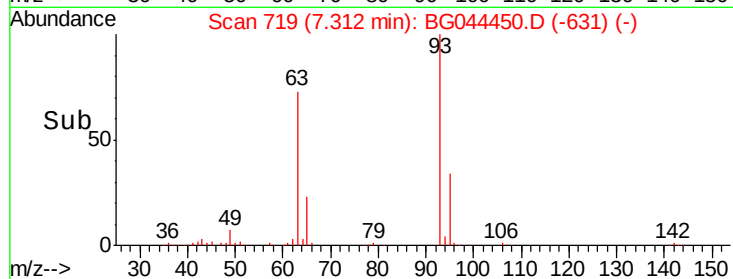
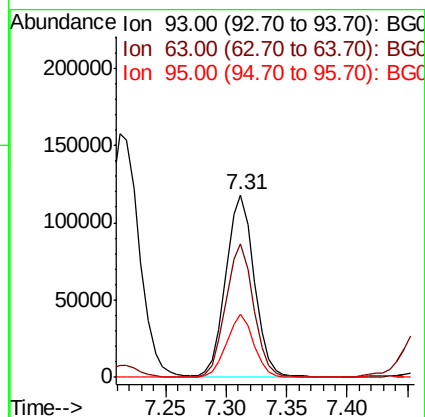
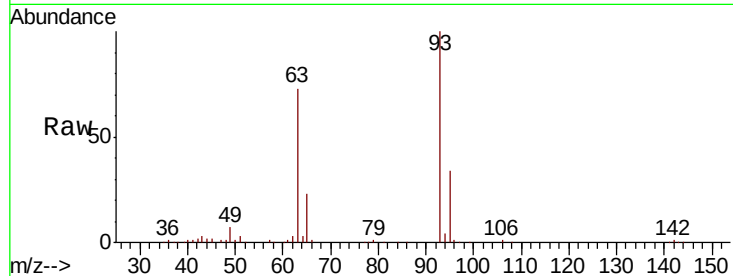




#11
 bis(2-Chloroethyl)ether
 Concen: 40.475 ng
 RT: 7.31 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

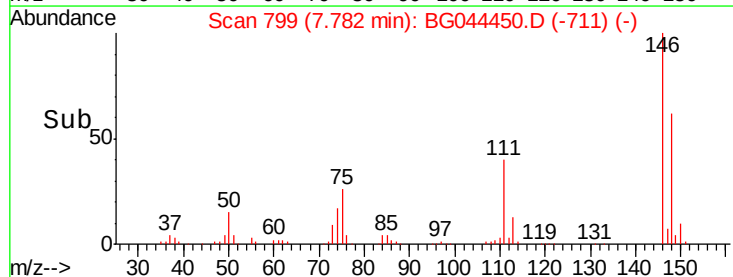
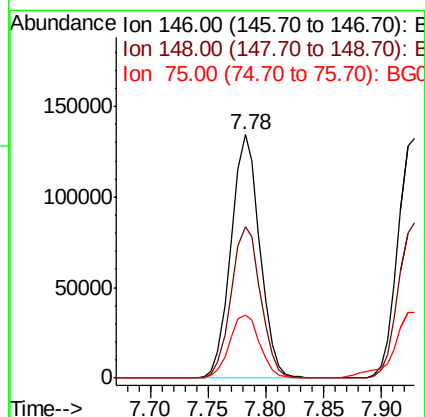
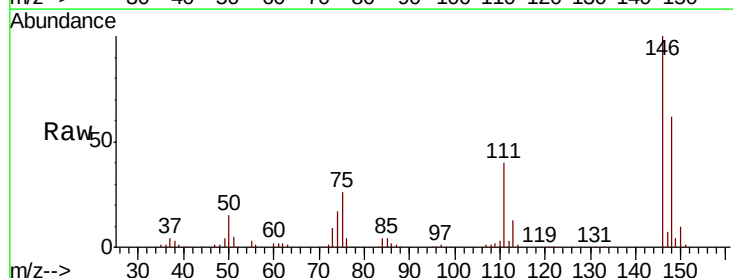
Instrument :
 BNA_G
 ClientSampled :

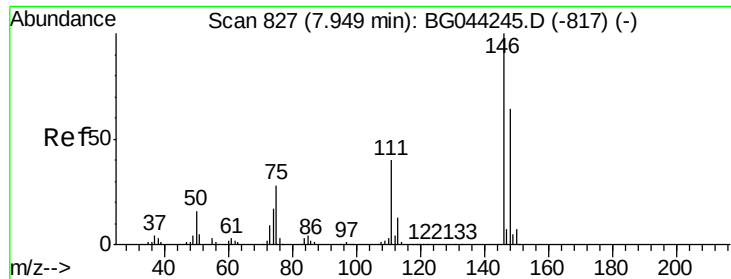
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.3	49.2	89.2
95	34.3	13.6	53.6



#12
 1,3-Dichlorobenzene
 Concen: 41.778 ng
 RT: 7.78 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.8	77.8
75	26.1	23.7	35.5

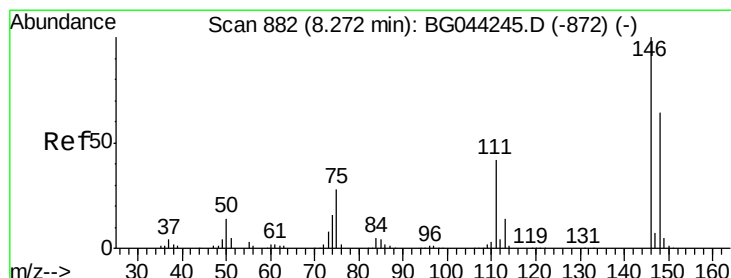
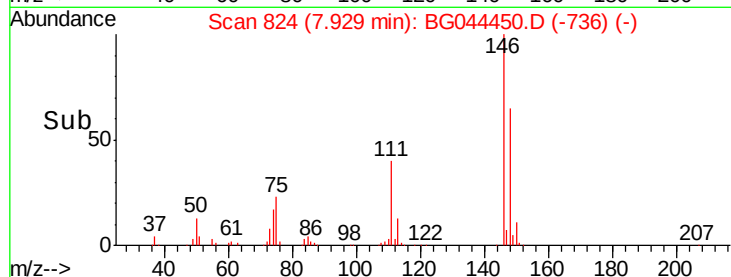
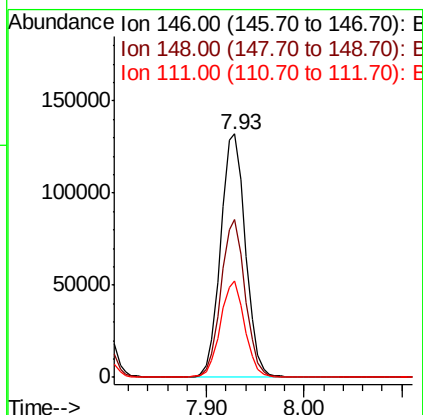
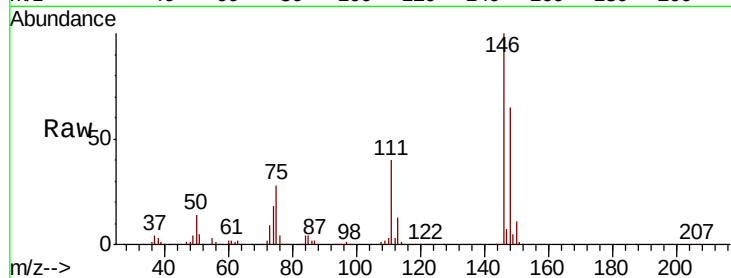




#13
 1,4-Dichlorobenzene
 Concen: 42.270 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

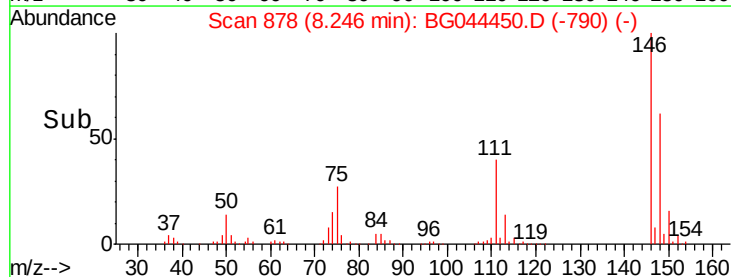
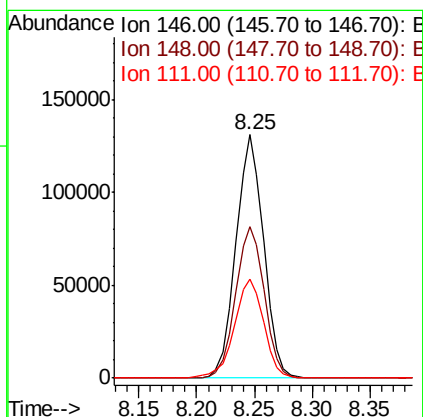
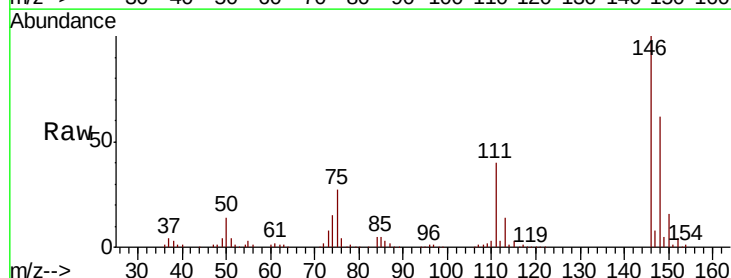
Instrument :
 BNA_G
 ClientSampleId :

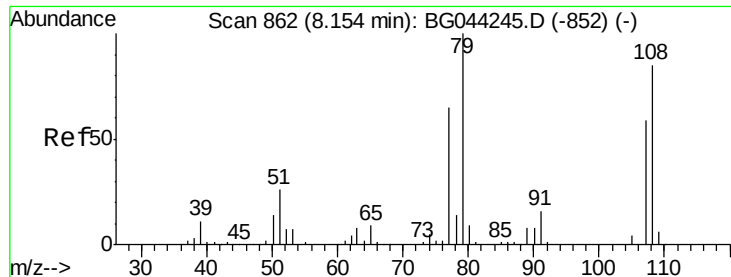
Tot Ion:146 Resp: 232294
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.0
 111 39.5 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 41.830 ng
 RT: 8.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

Tgt Ion:146 Resp: 217280
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.2 76.8
 111 40.4 34.0 51.0





#15

Benzyl Alcohol

Concen: 40.627 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

Instrument :

BNA_G

ClientSampled :

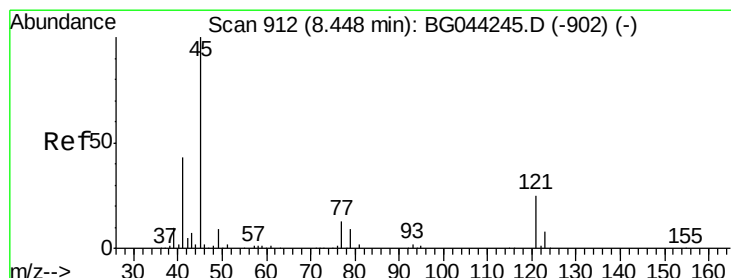
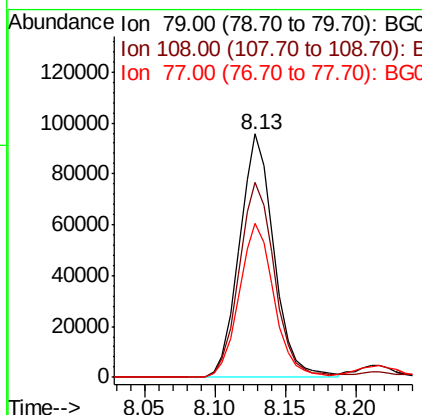
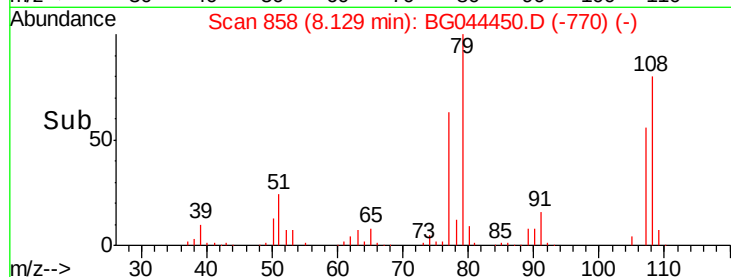
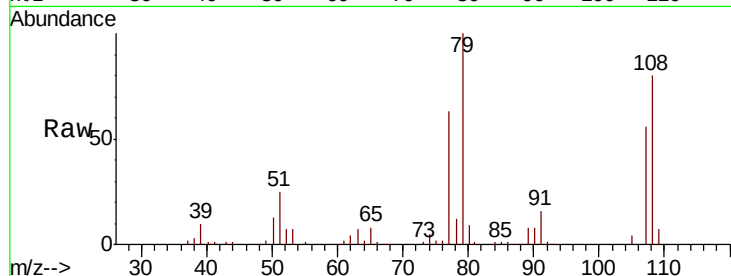
Tot Ion: 79 Resp: 163320

Ion Ratio Lower Upper

79 100

108 80.1 68.3 102.5

77 63.2 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.880 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

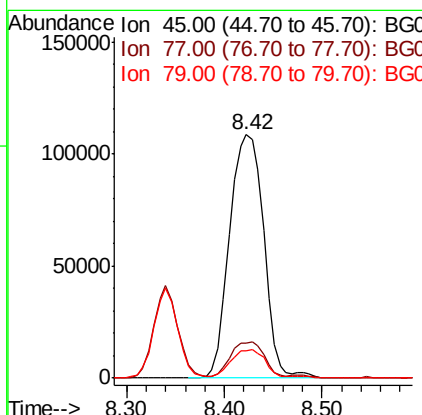
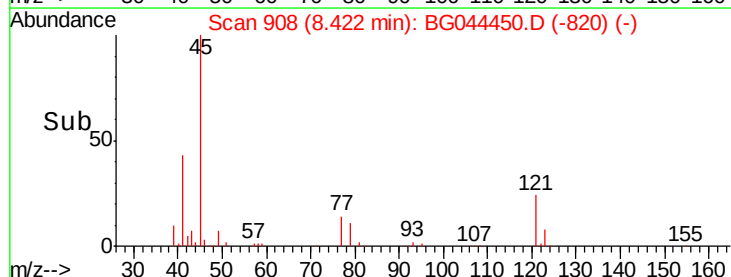
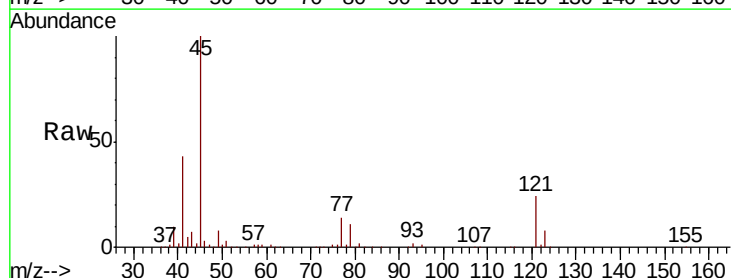
Tgt Ion: 45 Resp: 265825

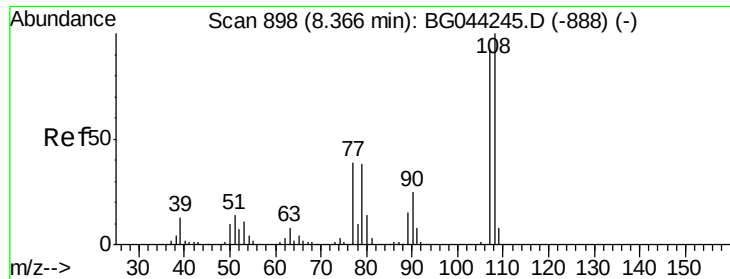
Ion Ratio Lower Upper

45 100

77 14.4 0.0 35.2

79 11.2 0.0 31.1

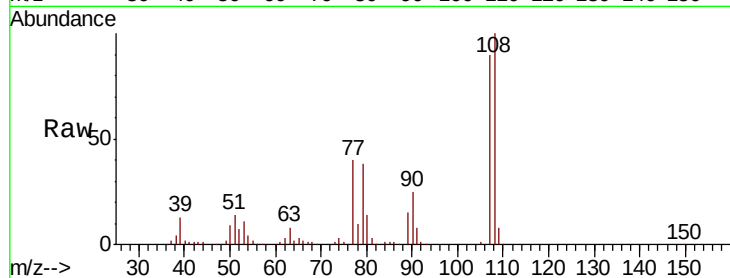




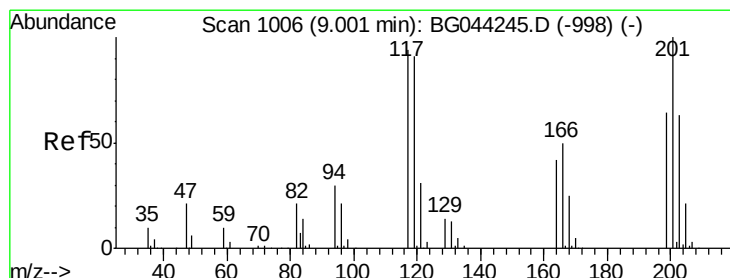
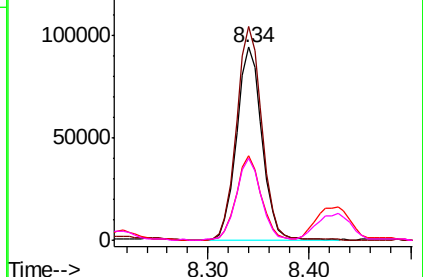
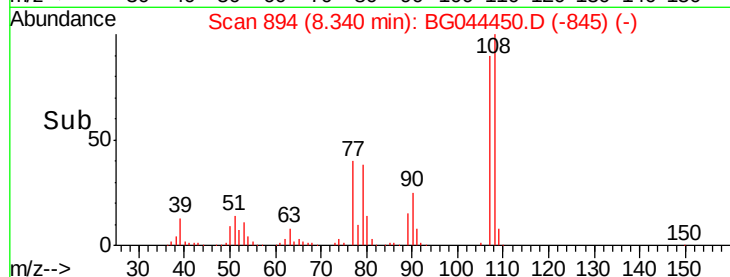
#17
2-Methylphenol
Concen: 40.824 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 163682
Ion Ratio Lower Upper
107 100
108 110.6 86.4 129.6
77 43.7 34.0 51.0
79 42.3 32.9 49.3

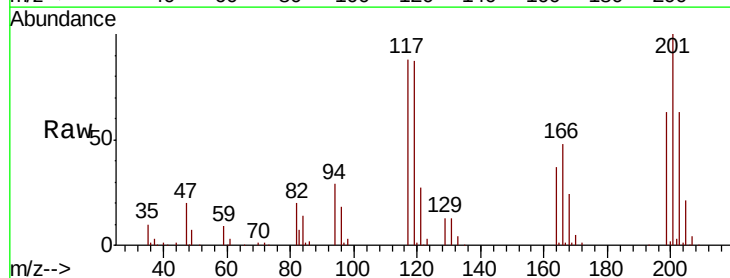


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

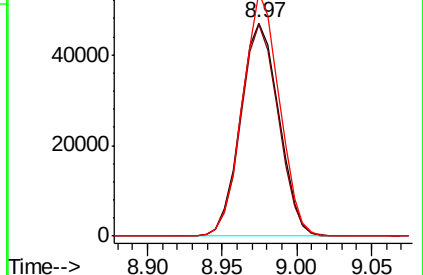
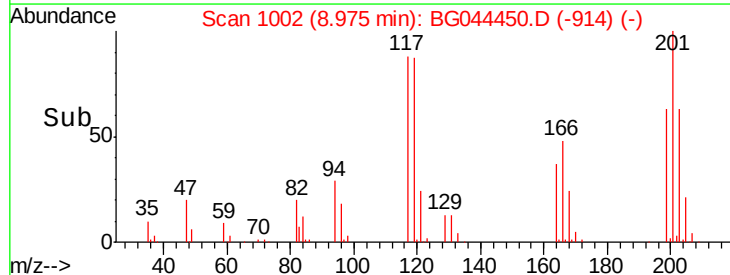


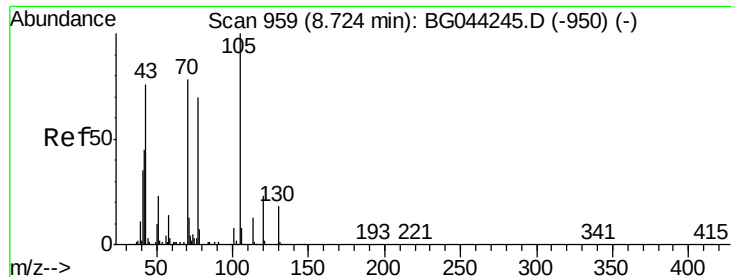
#18
Hexachloroethane
Concen: 40.709 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Tgt Ion:117 Resp: 83950
Ion Ratio Lower Upper
117 100
119 98.9 77.5 116.3
201 114.1 84.9 127.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

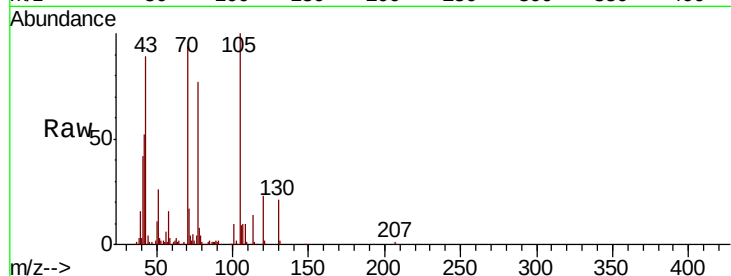




#19
n-Nitroso-di-n-propylamine
Concen: 39.930 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	151104
Ion	Ratio	Lower	Upper
70	100		
42	55.1	46.2	69.2
101	10.4	8.4	12.6
130	22.8	17.8	26.8



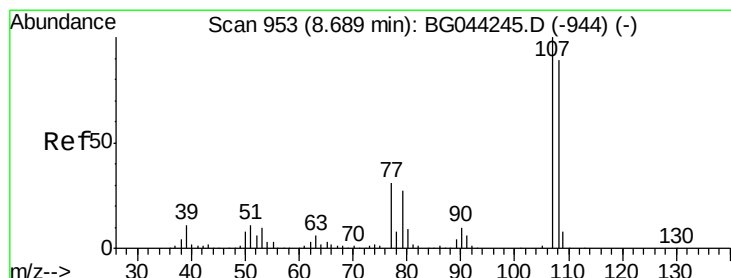
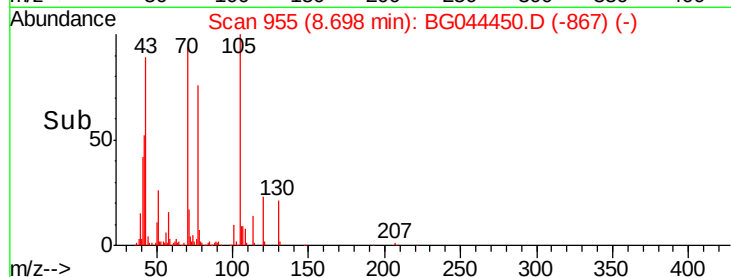
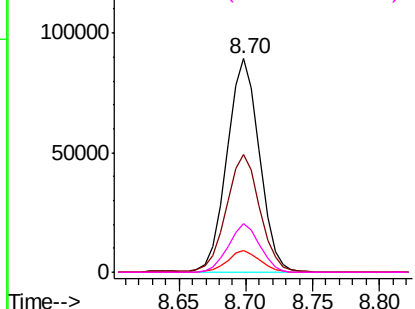
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

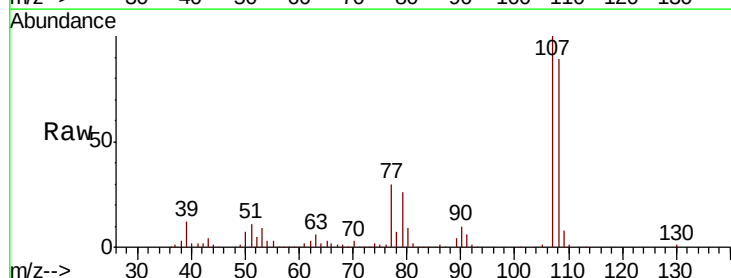
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 40.785 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Tgt Ion:	107	Resp:	225364
Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.5	108.5
77	29.9	10.9	50.9
79	26.0	7.1	47.1



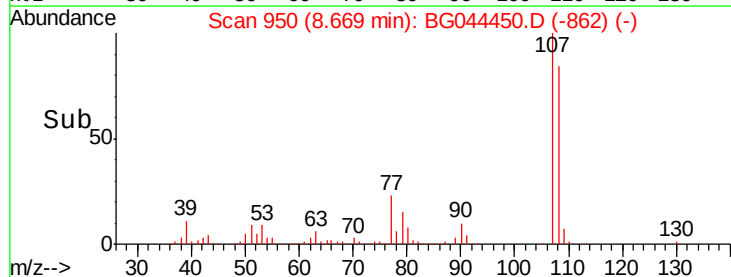
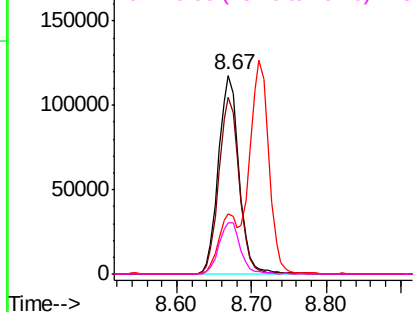
Abundance

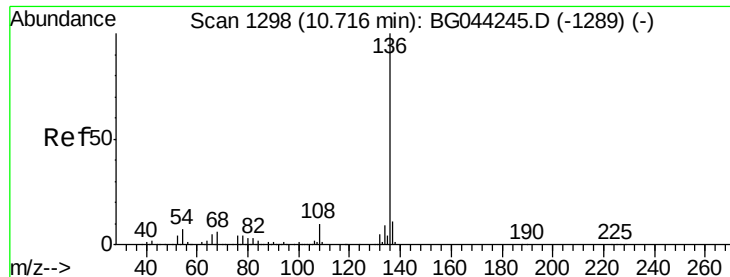
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

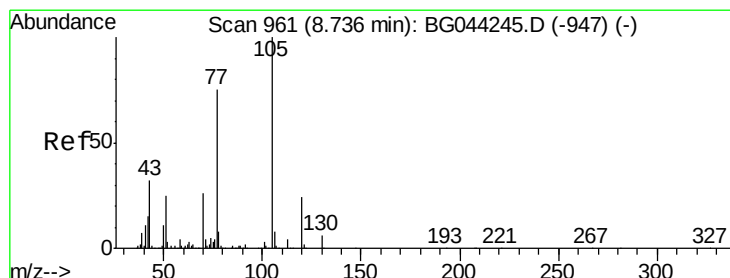
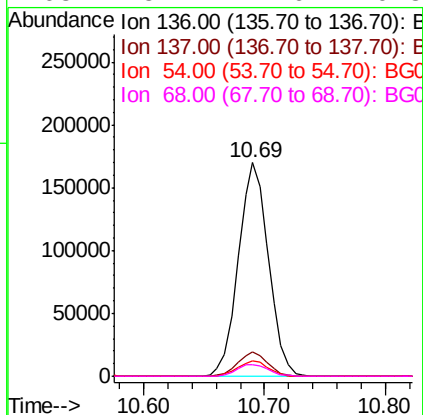
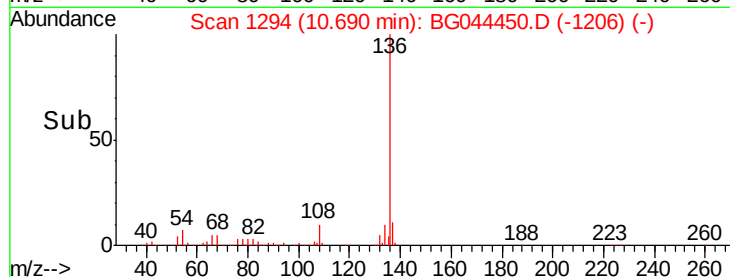
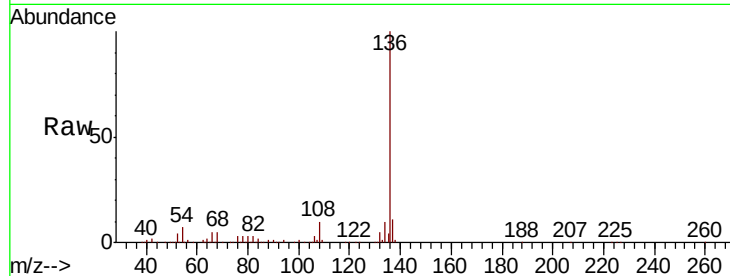




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

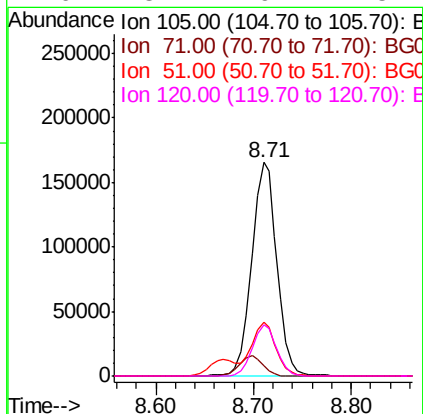
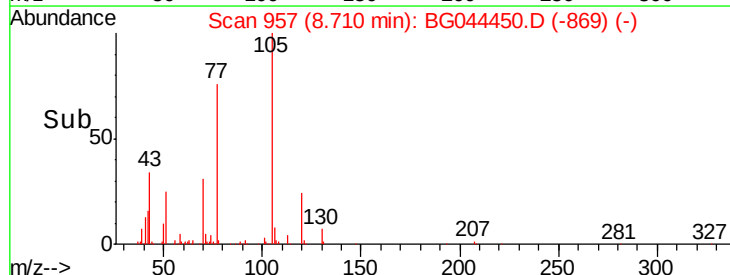
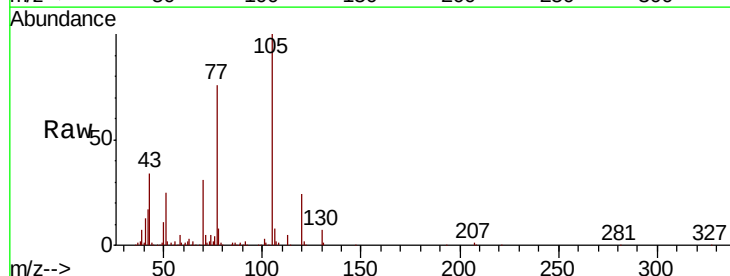
Instrument :
BNA_G
ClientSampleId :

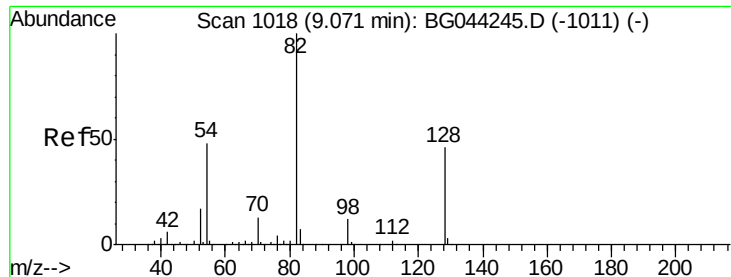
Tot Ion:	136	Resp:	295182
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.0	5.8	8.8
68	5.4	4.6	6.8



#22
Acetophenone
Concen: 41.639 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Tgt Ion:	105	Resp:	299002
Ion	Ratio	Lower	Upper
105	100		
71	4.8	3.4	5.0
51	25.4	20.2	30.4
120	23.7	19.1	28.7

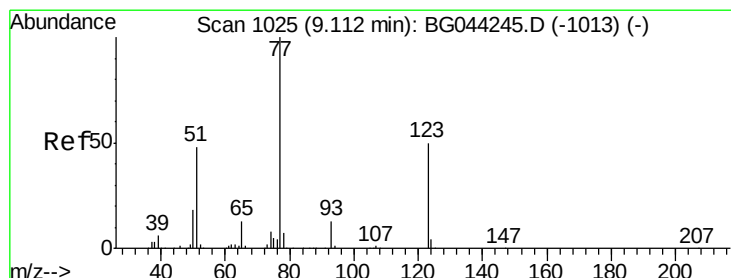
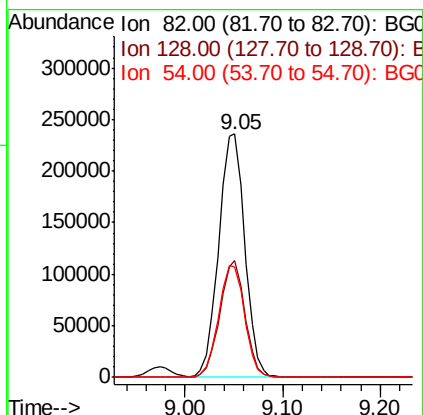
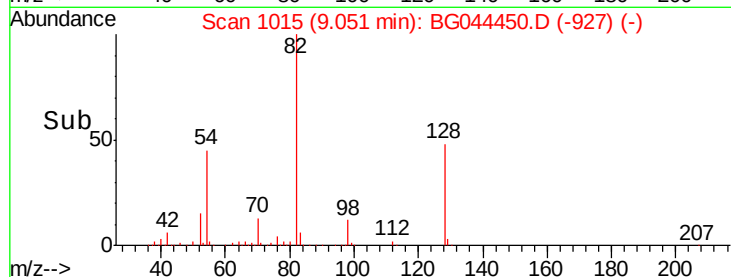
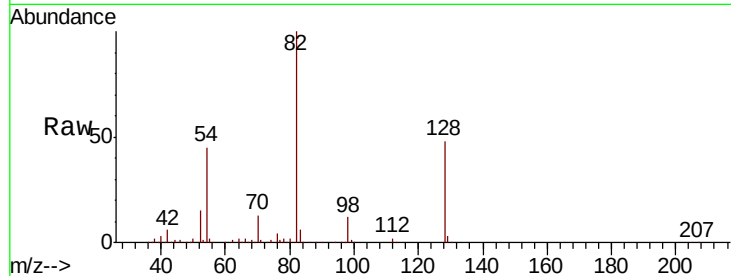




#23
Nitrobenzene-d5
Concen: 83.495 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

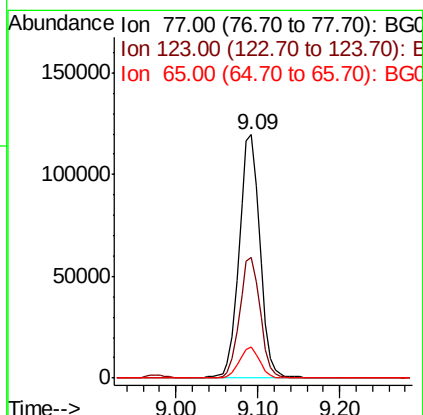
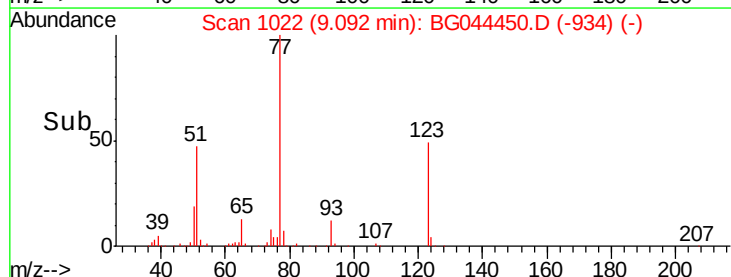
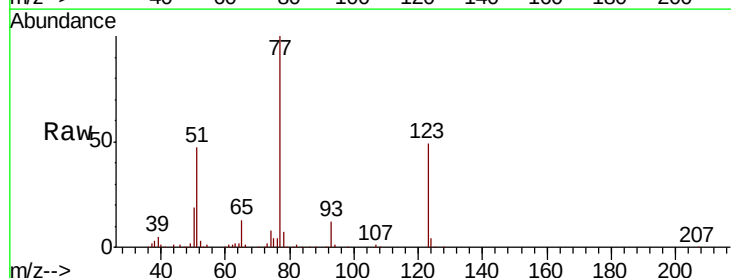
Instrument :
BNA_G
ClientSampleId :

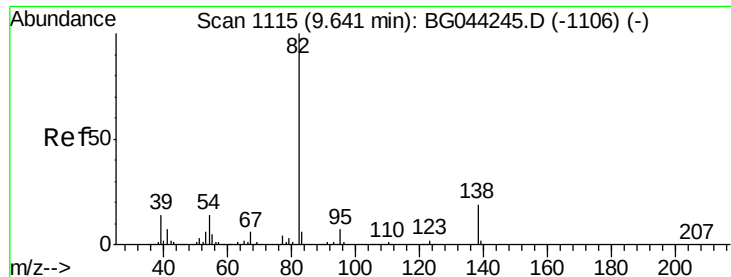
Tot Ion	82	Resp	436553
Ion Ratio	100	Lower	Upper
128	47.9	36.5	54.7
54	45.2	38.6	58.0



#24
Nitrobenzene
Concen: 41.494 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Tgt Ion	77	Resp	211799
Ion Ratio	100	Lower	Upper
123	49.3	39.9	59.9
65	12.8	10.4	15.6

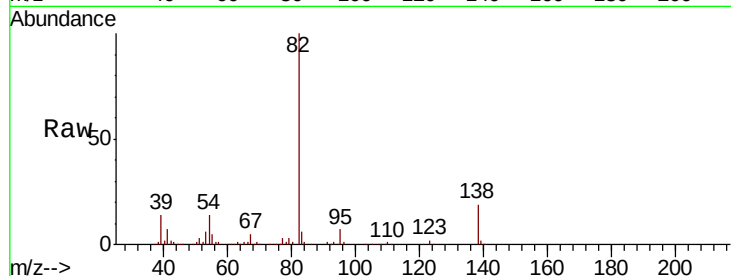




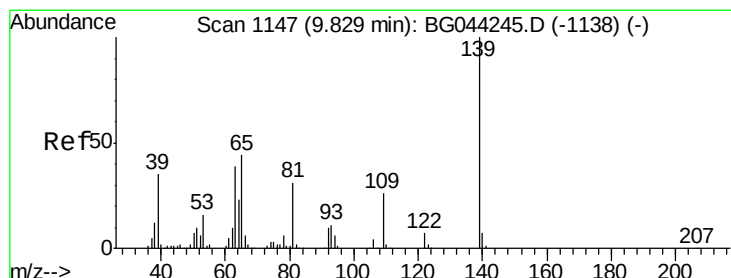
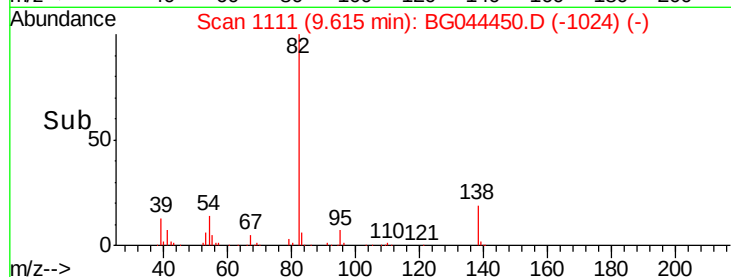
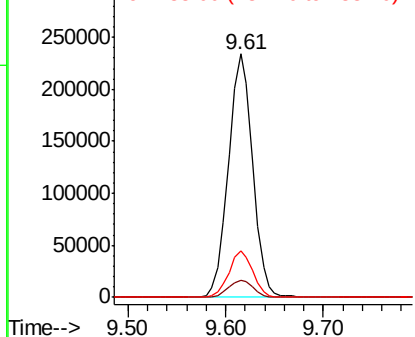
#25
Isophorone
Concen: 41.310 ng
RT: 9.61 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 402580
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 19.1 15.0 22.4

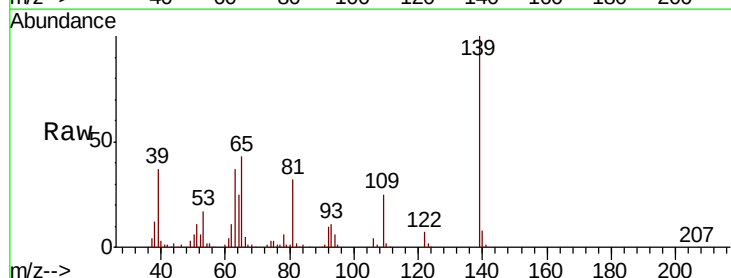


Abundance Ion 82.00 (81.70 to 82.70): BG044450.D (-1106) (-)
Ion 95.00 (94.70 to 95.70): BG044450.D (-1106) (-)
Ion 138.00 (137.70 to 138.70): BG044450.D (-1106) (-)

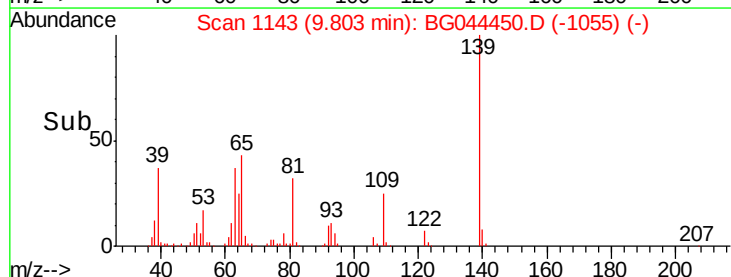
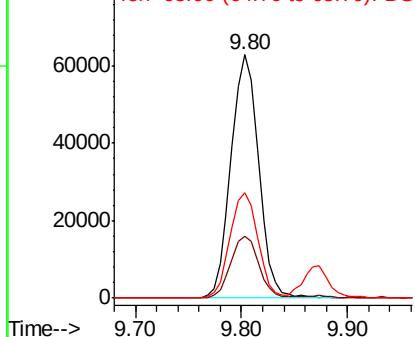


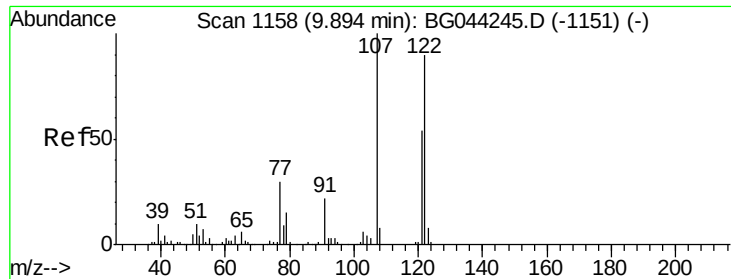
#26
2-Nitrophenol
Concen: 43.093 ng
RT: 9.80 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Tgt Ion: 139 Resp: 114136
Ion Ratio Lower Upper
139 100
109 25.4 21.0 31.4
65 43.1 35.0 52.4



Abundance Ion 139.00 (138.70 to 139.70): BG044450.D (-1138) (-)
Ion 109.00 (108.70 to 109.70): BG044450.D (-1138) (-)
Ion 65.00 (64.70 to 65.70): BG044450.D (-1138) (-)

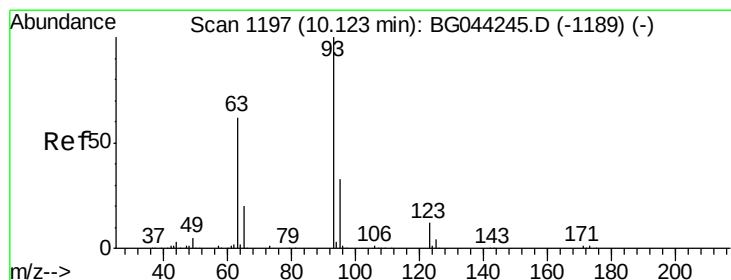
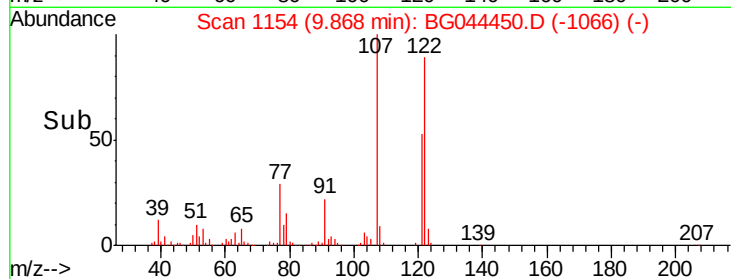
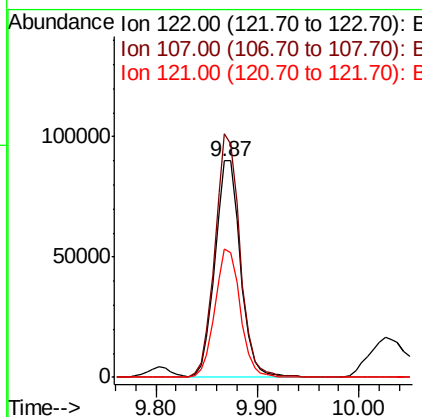
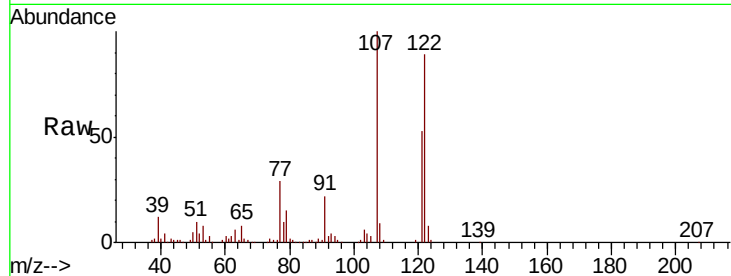




#27
 2,4-Dimethylphenol
 Concen: 42.243 ng
 RT: 9.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

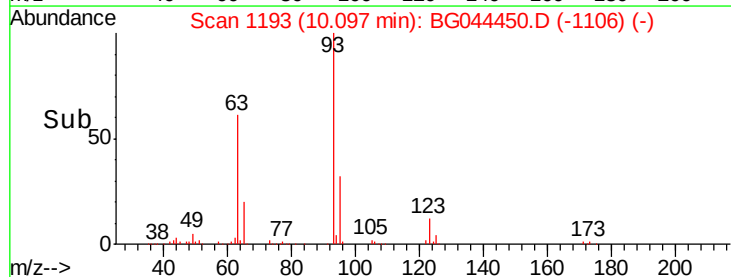
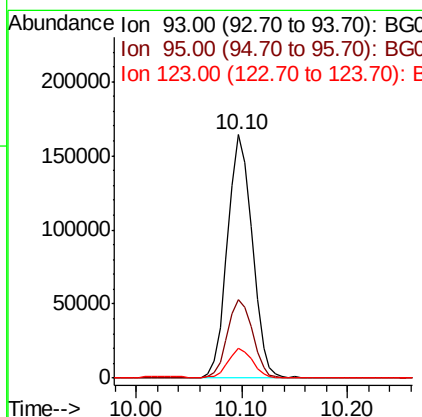
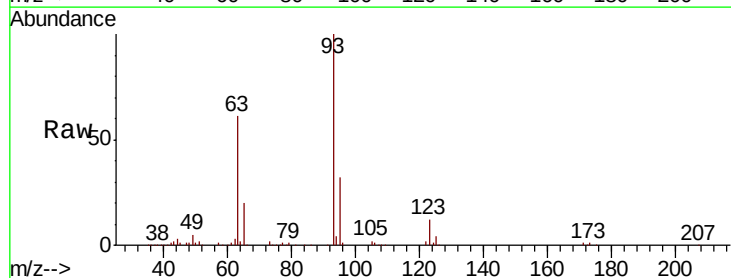
Instrument :
 BNA_G
 ClientSampled :

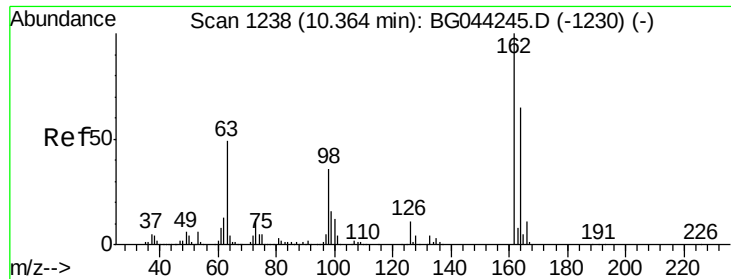
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.4	88.8	133.2
121	59.1	48.3	72.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.077 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.6	40.0
123	12.2	10.0	15.0

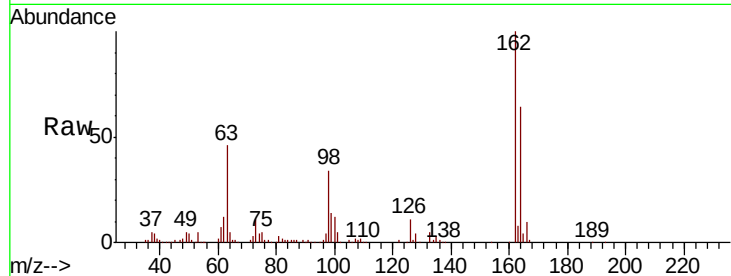




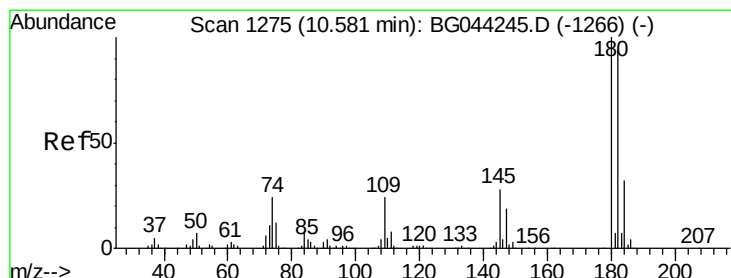
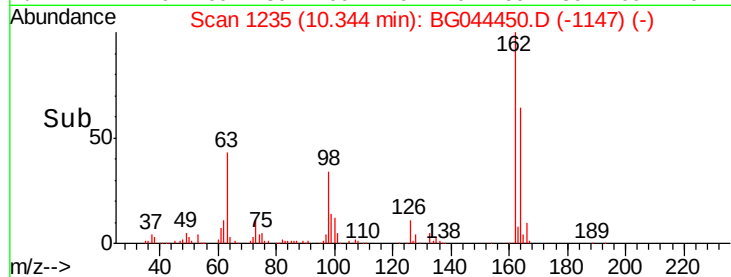
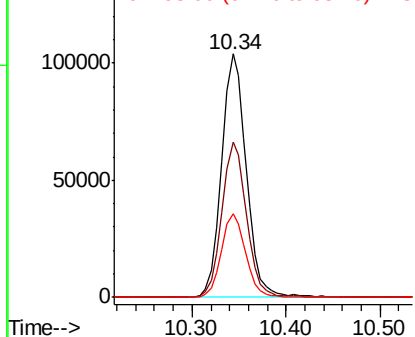
#29
 2,4-Dichlorophenol
 Concen: 42.028 ng
 RT: 10.34 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.7	84.7
98	34.5	15.8	55.8

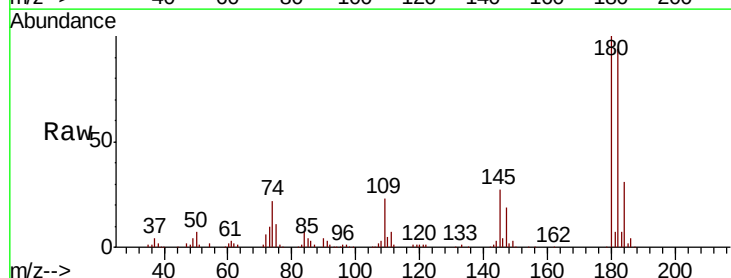


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

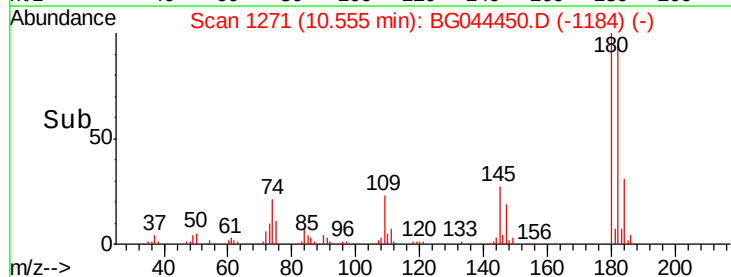
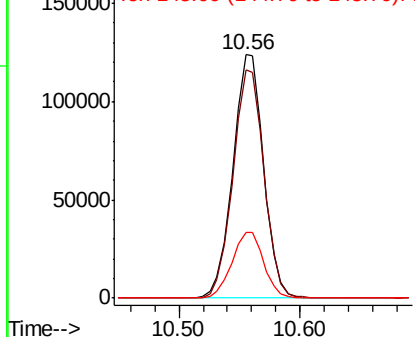


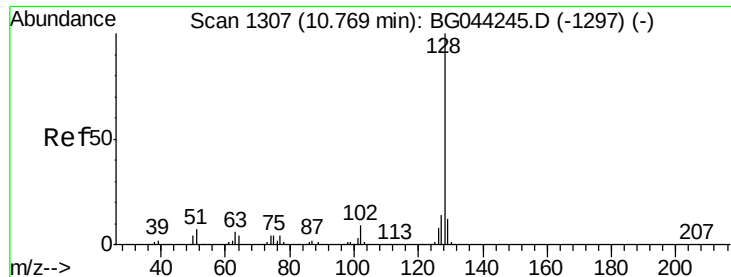
#30
 1,2,4-Trichlorobenzene
 Concen: 42.138 ng
 RT: 10.56 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.5	113.3
145	27.1	22.6	34.0



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

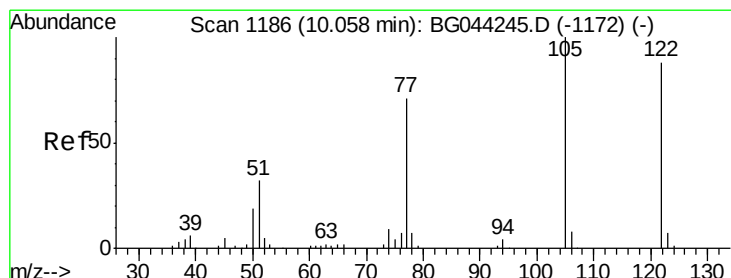
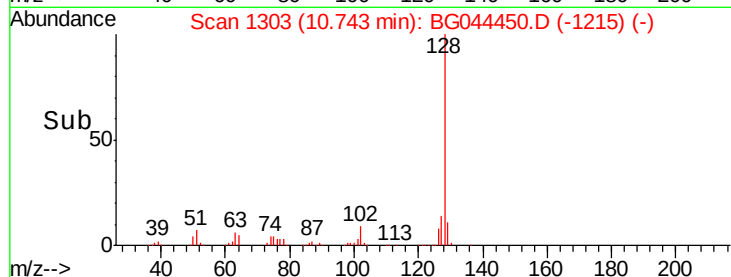
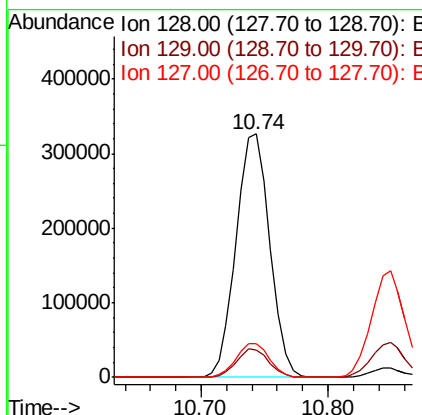
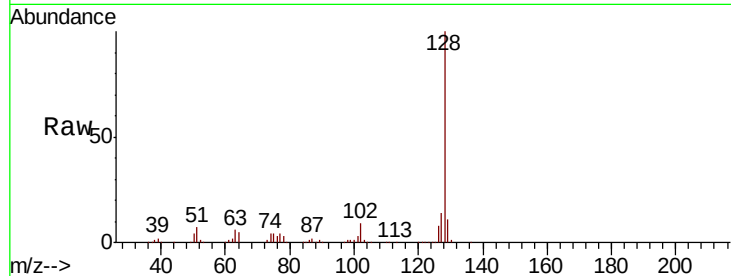




#31
Naphthalene
Concen: 42.015 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

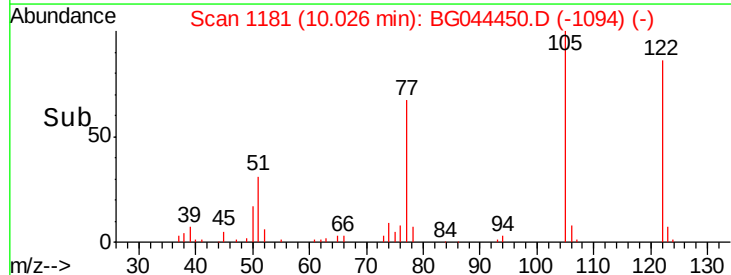
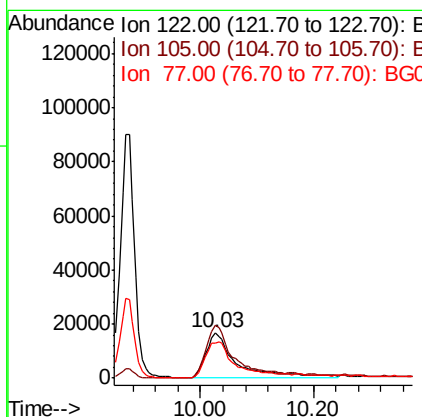
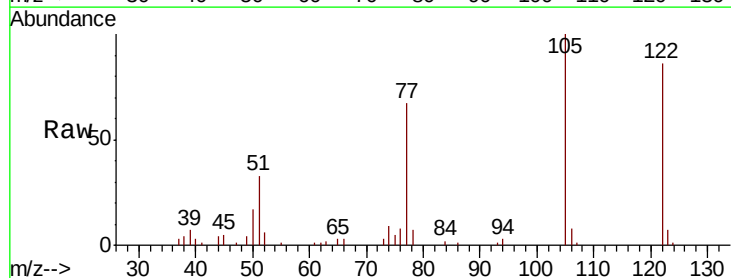
Instrument :
BNA_G
ClientSampleId :

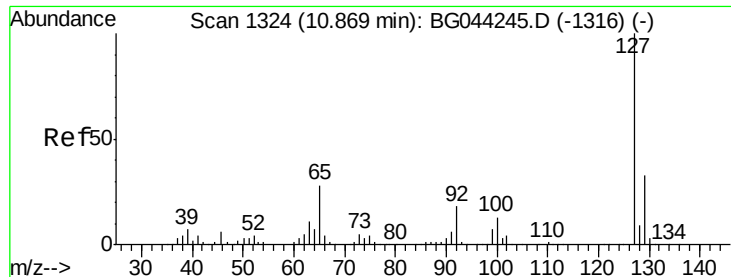
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	14.1	11.6	17.4



#32
Benzoic acid
Concen: 32.777 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.6	93.5	133.5
77	78.3	61.0	101.0

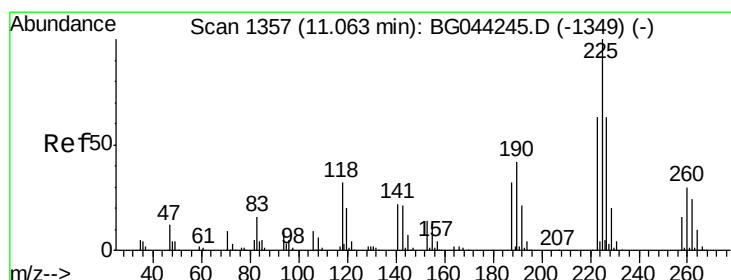
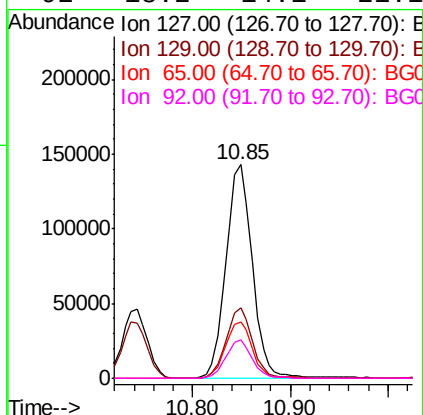
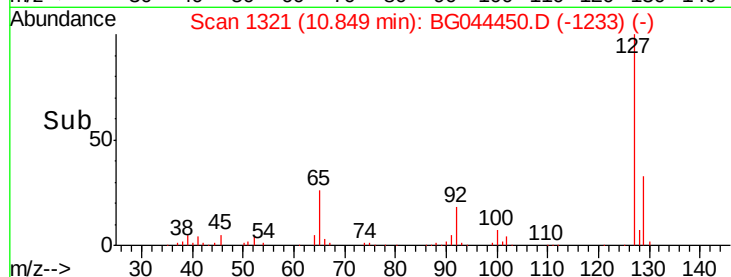
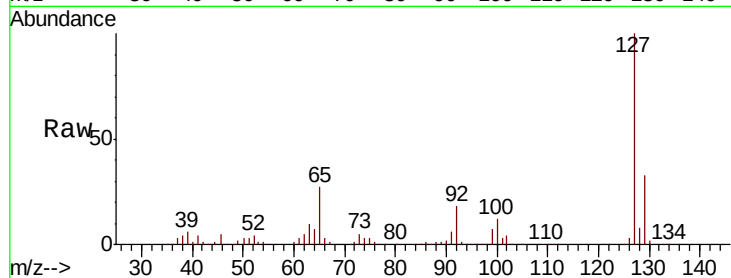




#33
4-Chloroaniline
Concen: 41.329 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

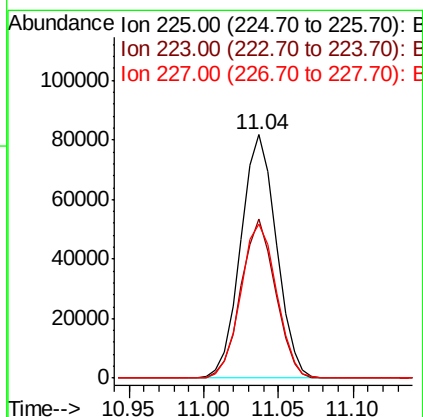
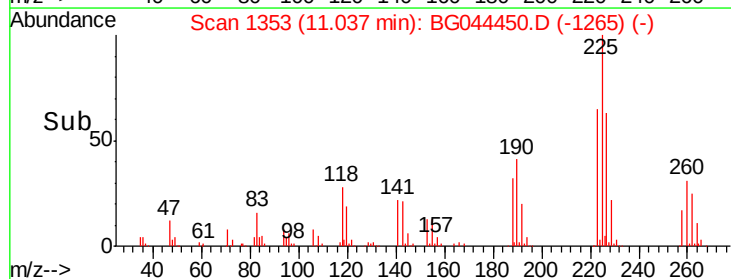
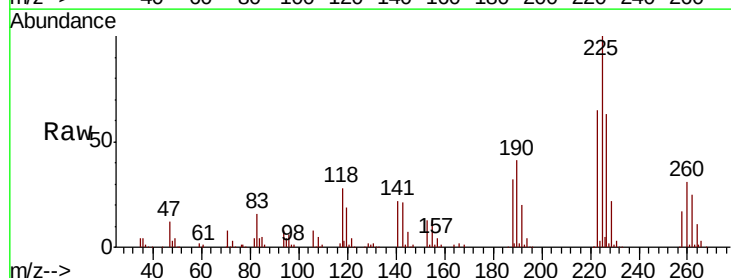
Instrument :
BNA_G
ClientSampleId :

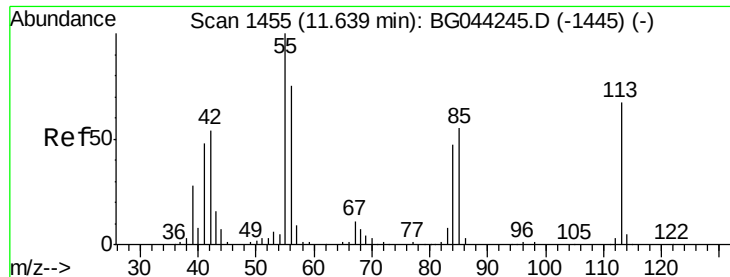
Tot Ion:	127	Resp:	269189
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	40.0
65	26.6	22.5	33.7
92	18.2	14.1	21.1



#34
Hexachlorobutadiene
Concen: 42.421 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Tgt Ion:	225	Resp:	135310
Ion	Ratio	Lower	Upper
225	100		
223	65.4	50.2	75.4
227	63.3	50.8	76.2

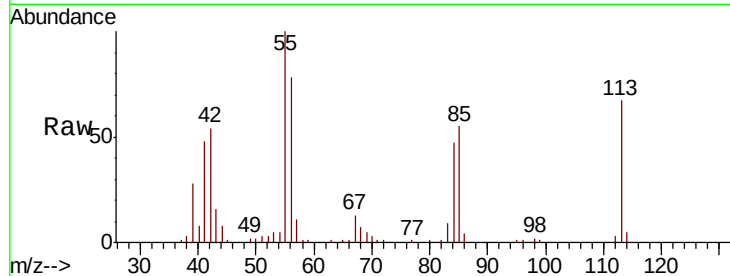




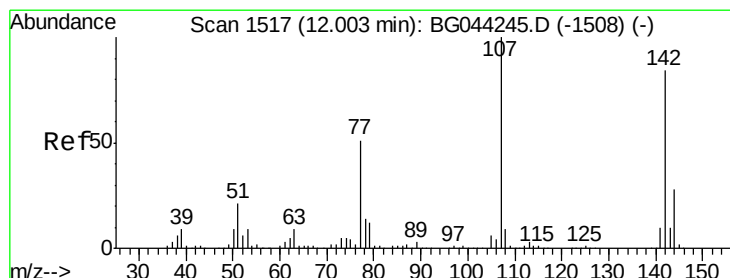
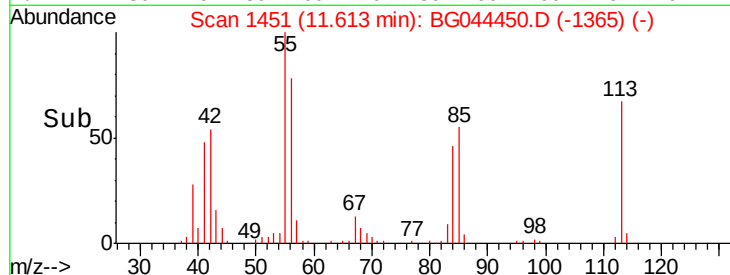
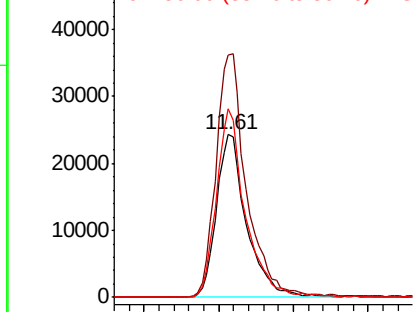
#35
Caprolactam
Concen: 41.058 ng
RT: 11.61 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:113 Resp: 67994
Ion Ratio Lower Upper
113 100
55 149.1 129.9 169.9
56 115.9 92.5 132.5

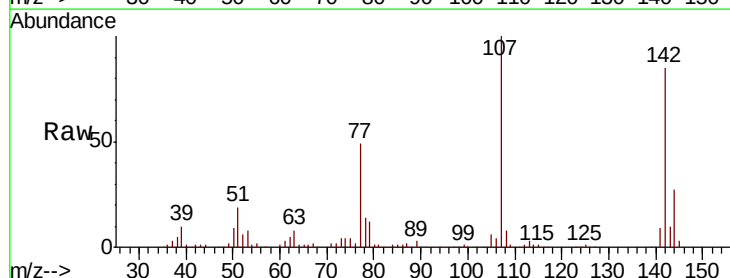


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

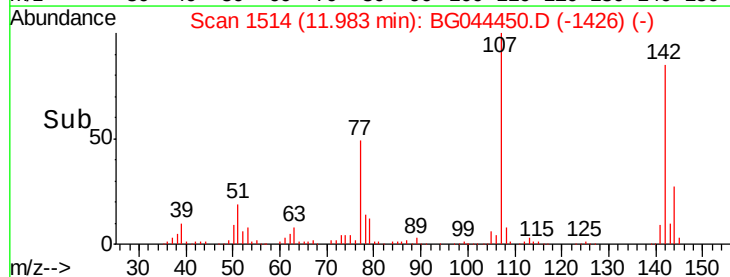
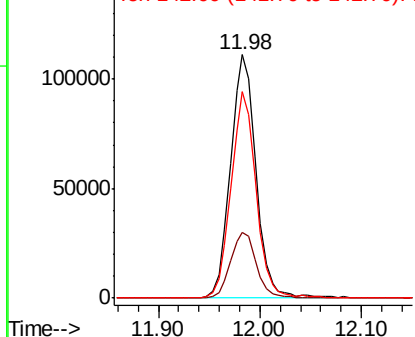


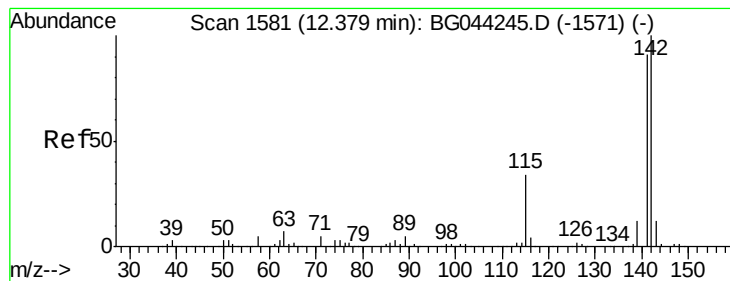
#36
4-Chloro-3-methylphenol
Concen: 40.782 ng
RT: 11.98 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Tgt Ion:107 Resp: 193300
Ion Ratio Lower Upper
107 100
144 27.1 22.2 33.4
142 84.7 67.4 101.0



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: 41.476 ng

RT: 12.35 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

Instrument :

BNA_G

ClientSampleId :

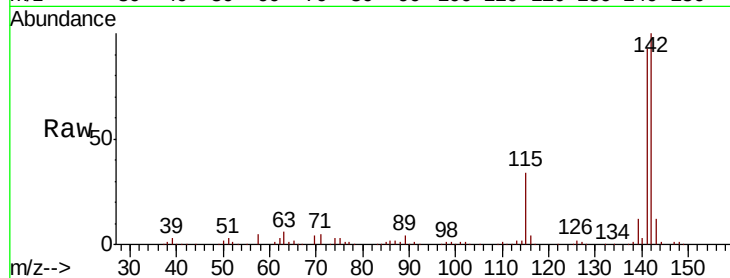
Tot Ion:142 Resp: 441021

Ion Ratio Lower Upper

142 100

141 92.8 73.2 109.8

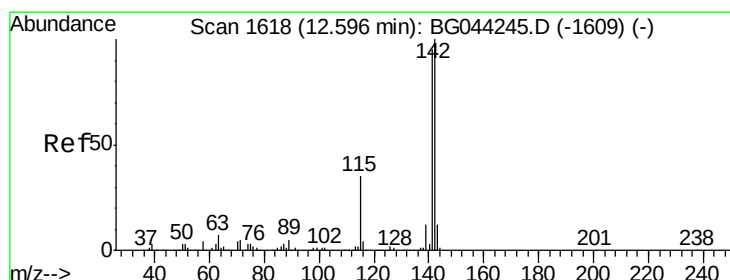
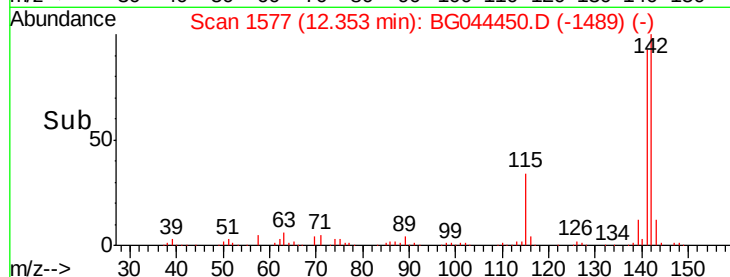
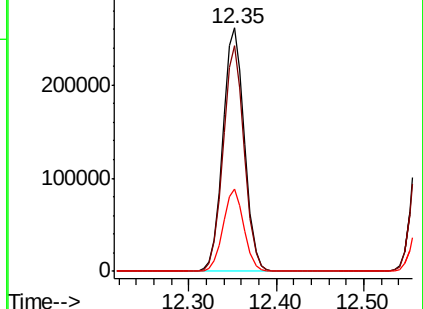
115 33.6 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.677 ng

RT: 12.57 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

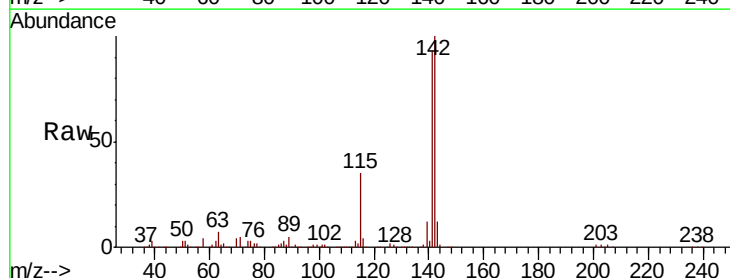
Tgt Ion:142 Resp: 417808

Ion Ratio Lower Upper

142 100

141 93.1 75.8 113.6

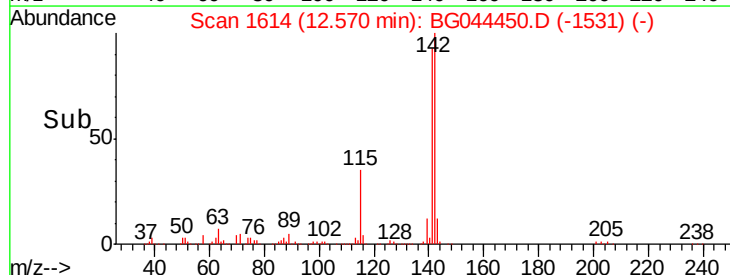
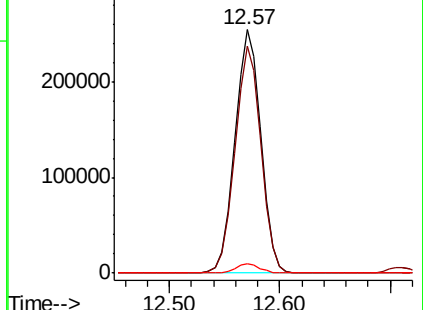
116 4.0 3.1 4.7

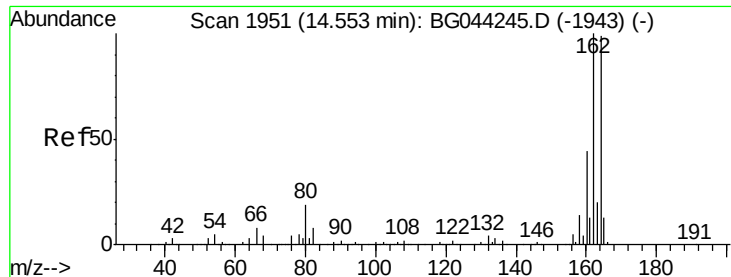


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.53 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

Instrument :

BNA_G

ClientSampleId :

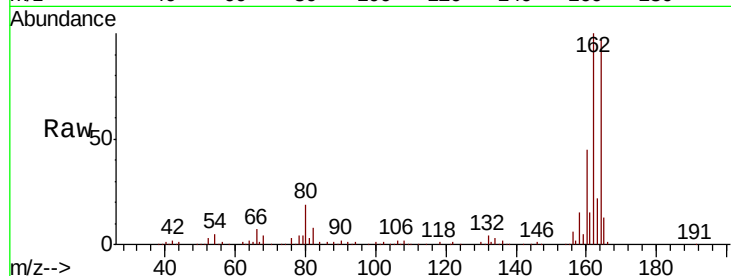
Tot Ion:164 Resp: 184248

Ion Ratio Lower Upper

164 100

162 103.1 80.7 121.1

160 46.2 35.3 52.9

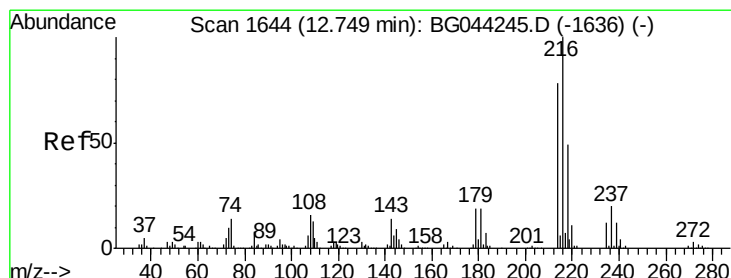
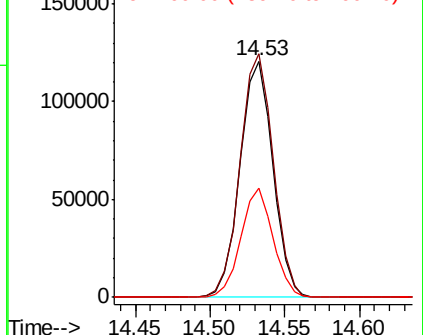
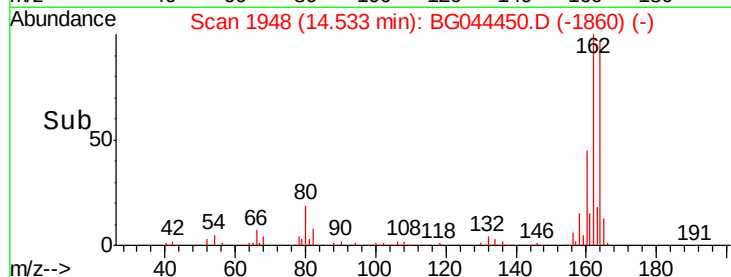


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.332 ng

RT: 12.72 min Scan# 1640

Delta R.T. -0.02 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

Tgt Ion:216 Resp: 238822

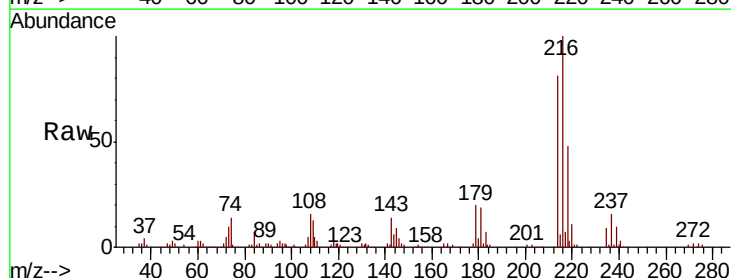
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.6

179 20.2 16.2 24.4

108 16.3 13.5 20.3



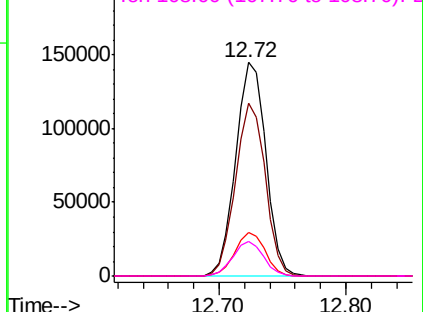
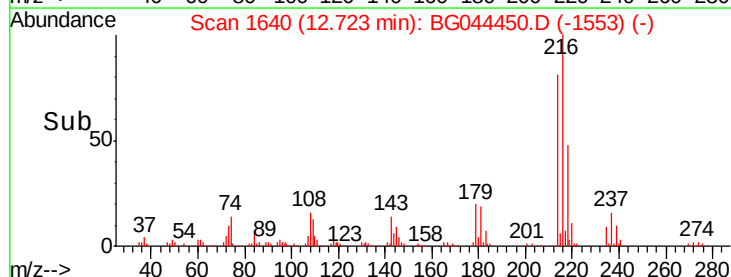
Abundance

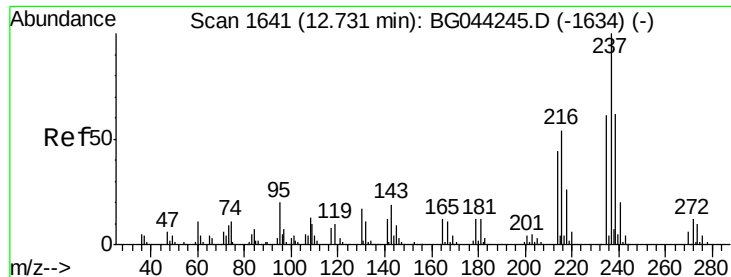
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 32.918 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

Instrument :

BNA_G

ClientSampleId :

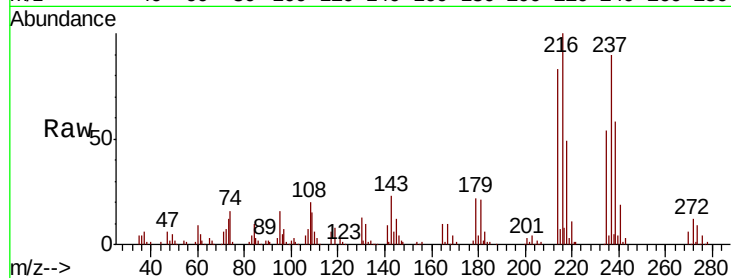
Tot Ion:237 Resp: 87053

Ion Ratio Lower Upper

237 100

235 59.3 41.2 81.2

272 12.8 0.0 32.4

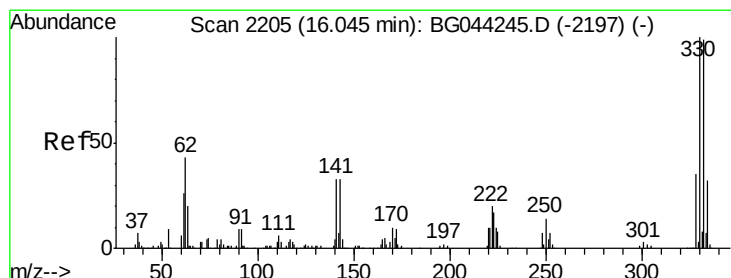
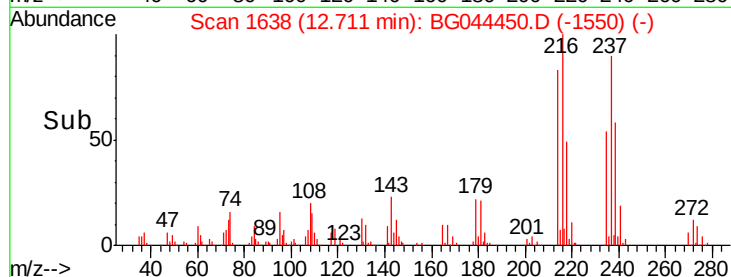
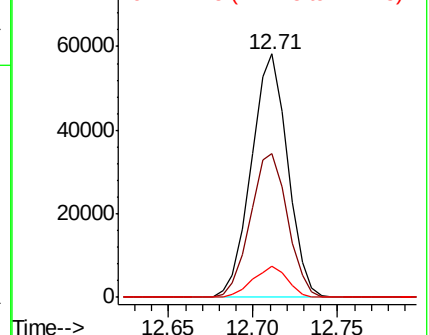


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 84.514 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

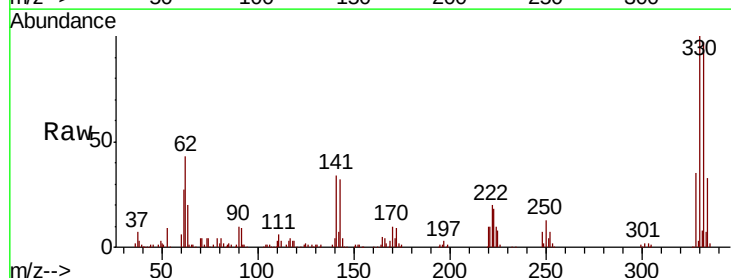
Tgt Ion:330 Resp: 182800

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

141 34.0 28.3 42.5

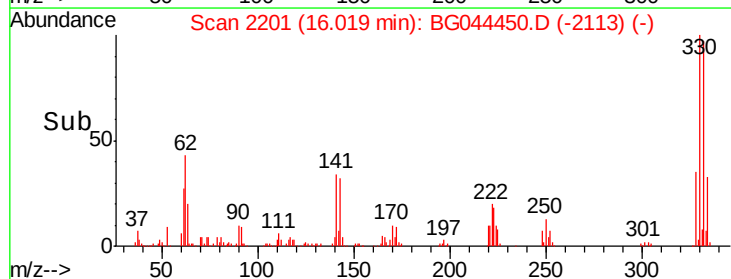
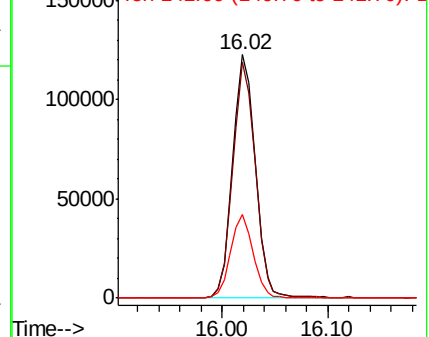


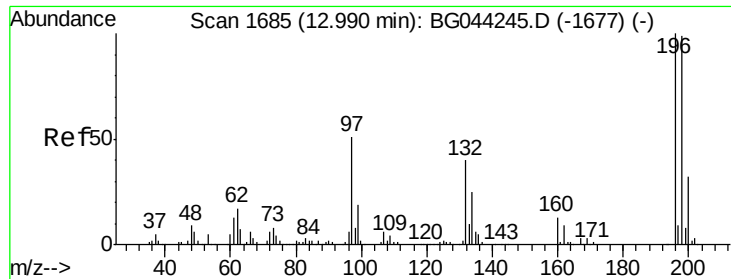
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

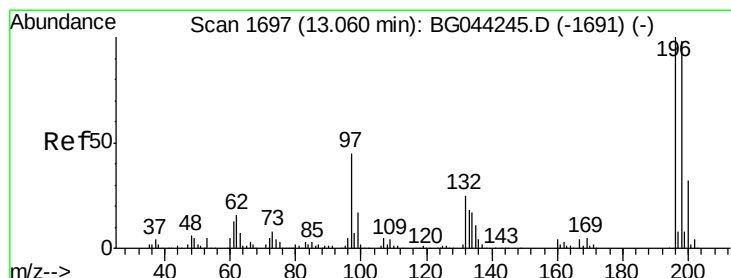
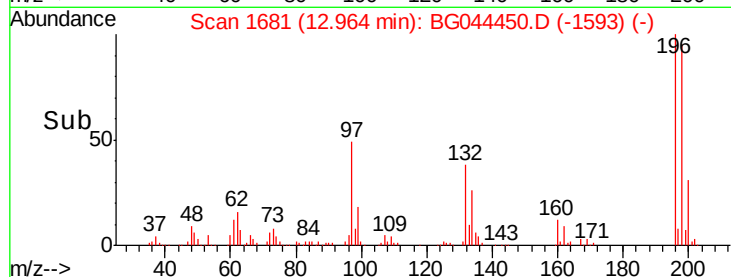
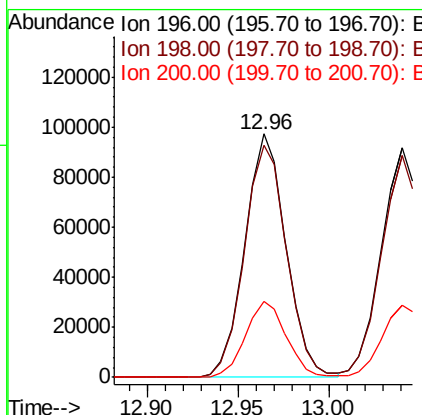
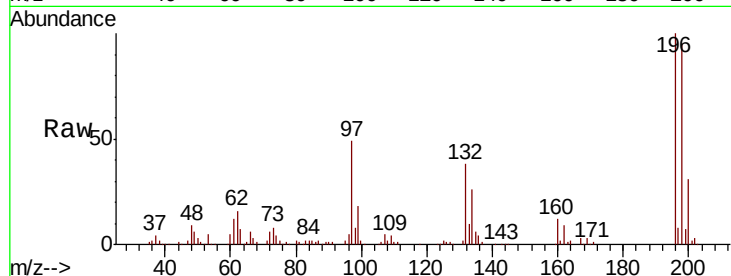




#43
 2,4,6-Trichlorophenol
 Concen: 43.146 ng
 RT: 12.96 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

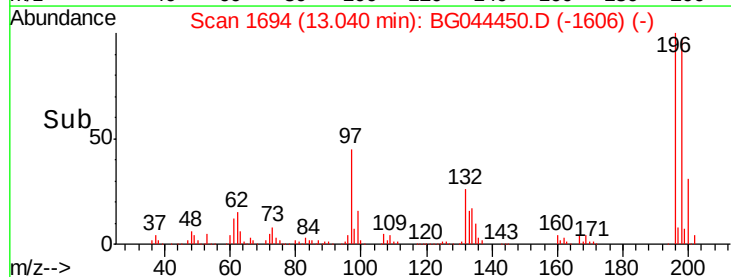
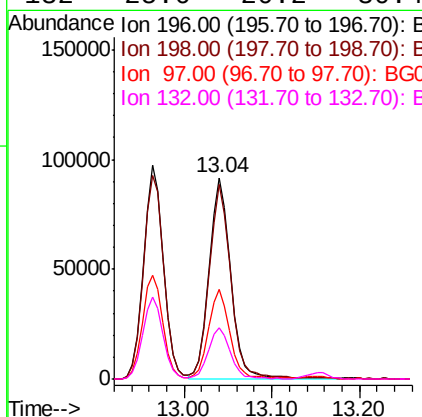
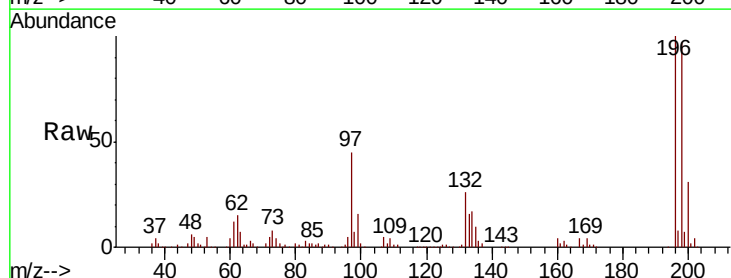
Instrument :
 BNA_G
 ClientSampleId :

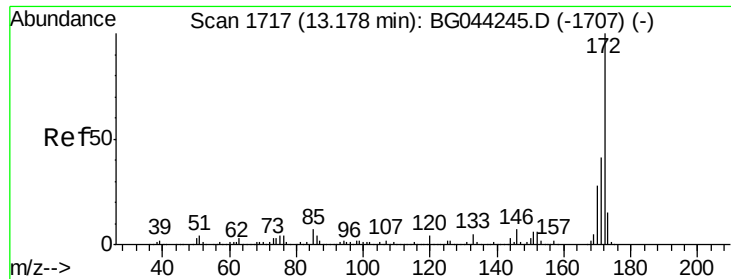
Tot Ion	196	Resp	153707
Ion	Ratio	Lower	Upper
196	100		
198	95.4	79.3	118.9
200	31.4	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 43.100 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

Tgt Ion	196	Resp	156830
Ion	Ratio	Lower	Upper
196	100		
198	96.6	78.2	117.2
97	44.7	36.2	54.4
132	25.6	20.2	30.4

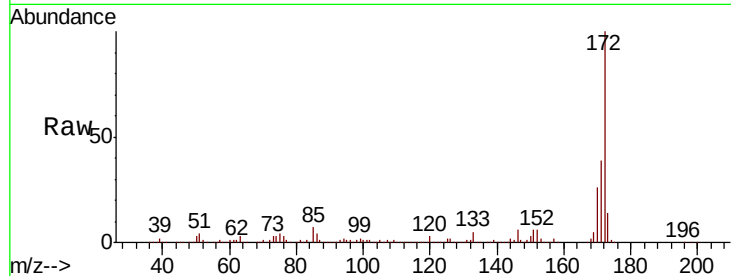




#45
2-Fluorobiphenyl
Concen: 88.665 ng
RT: 13.15 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	32.9	49.3
170	26.1	22.0	33.0

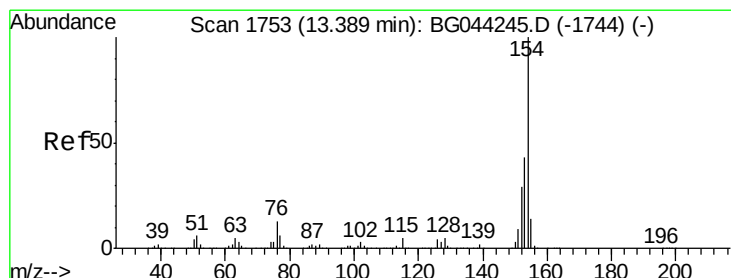
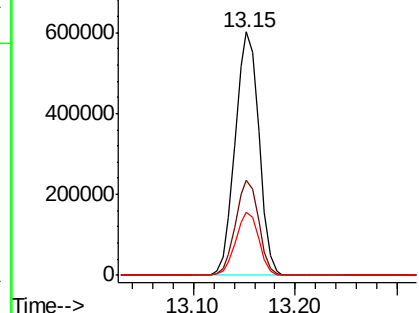
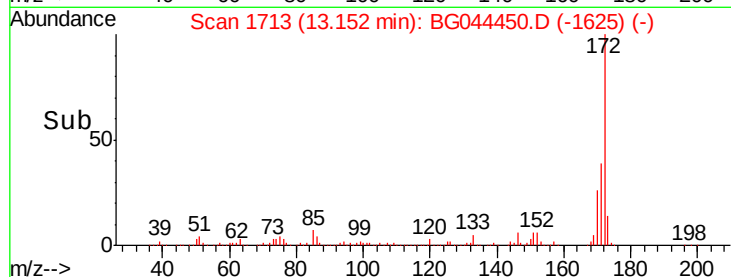


Abundance

Ion 172.00 (171.70 to 172.70): E

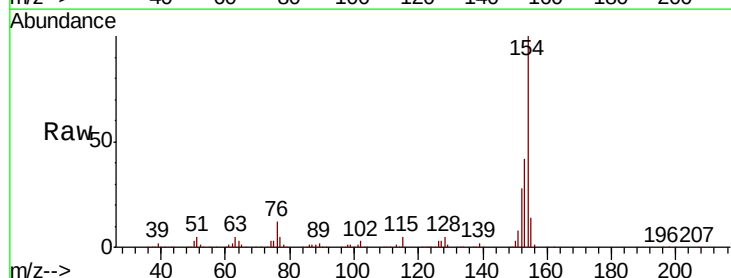
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.122 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.7	62.7
76	12.3	0.0	32.9

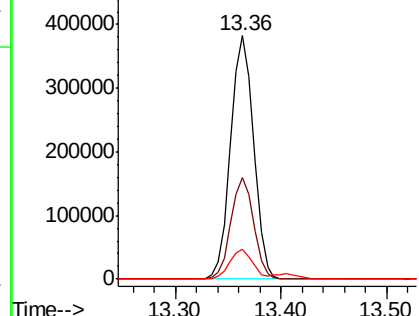
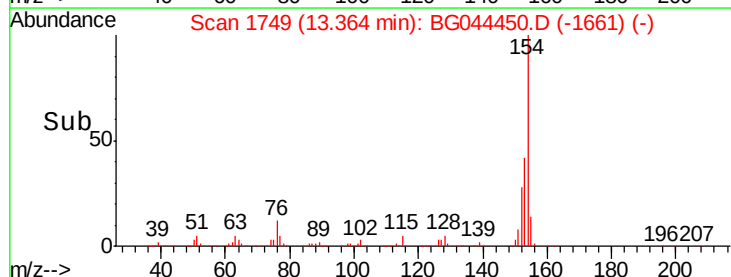


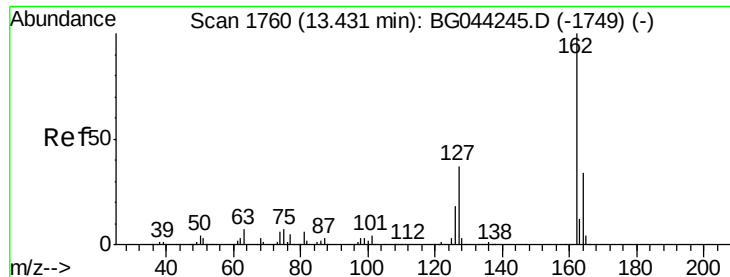
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

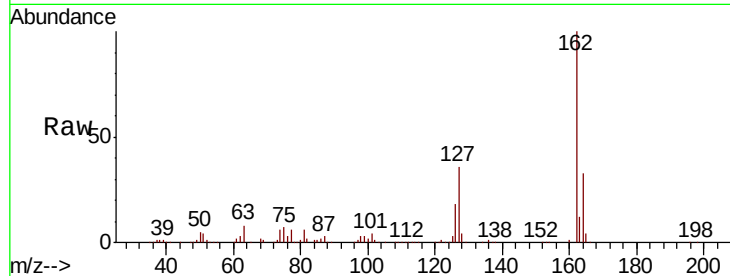




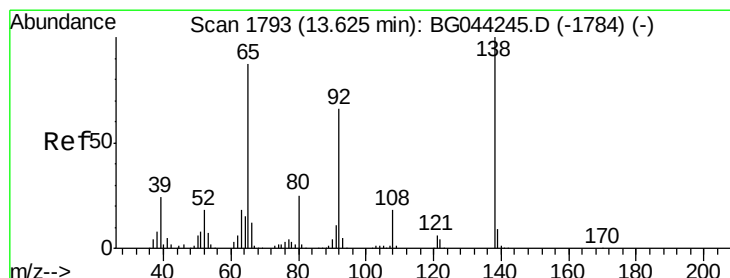
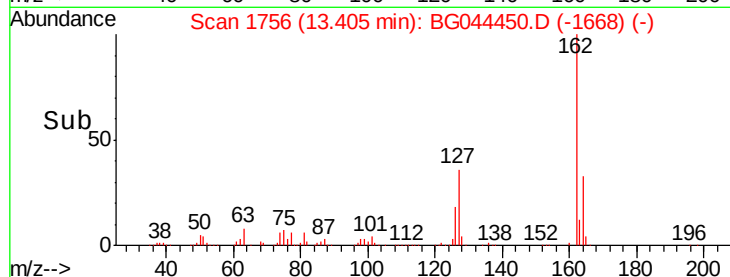
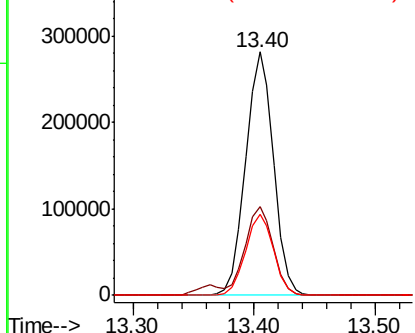
#47
2-Chloronaphthalene
Concen: 42.783 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.3	30.0	45.0
164	33.2	27.2	40.8

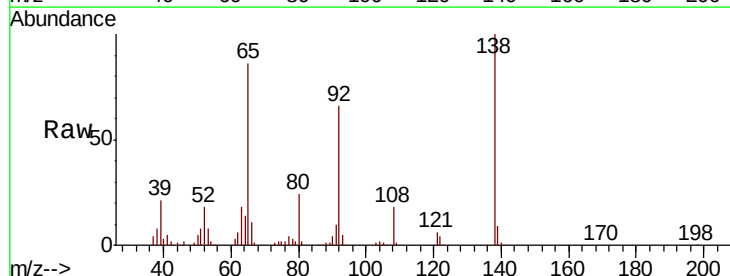


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

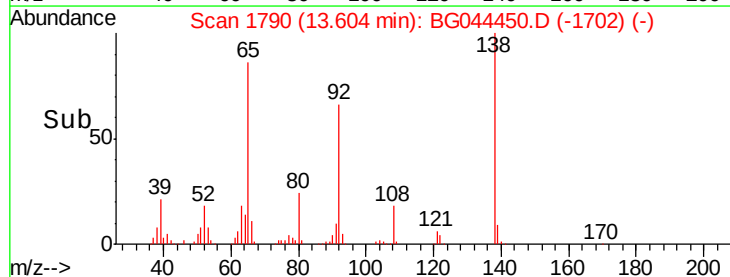
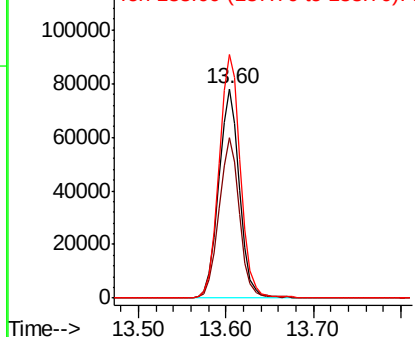


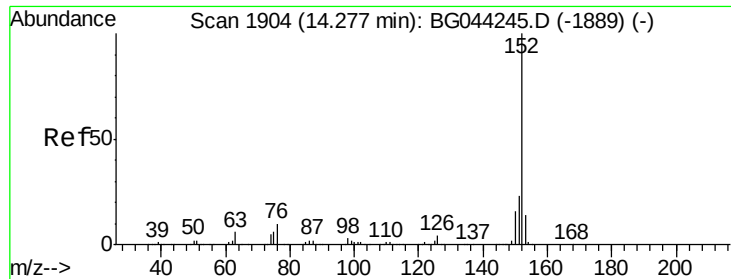
#48
2-Nitroaniline
Concen: 41.298 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.8	60.3	90.5
138	116.2	91.9	137.9



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





#49

Acenaphthylene

Concen: 43.136 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

Instrument :

BNA_G

ClientSampleId :

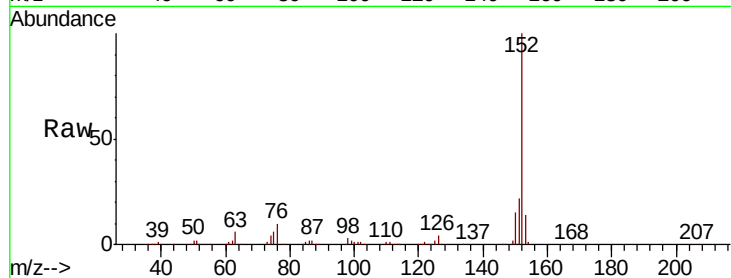
Tot Ion:152 Resp: 669109

Ion Ratio Lower Upper

152 100

151 22.1 18.1 27.1

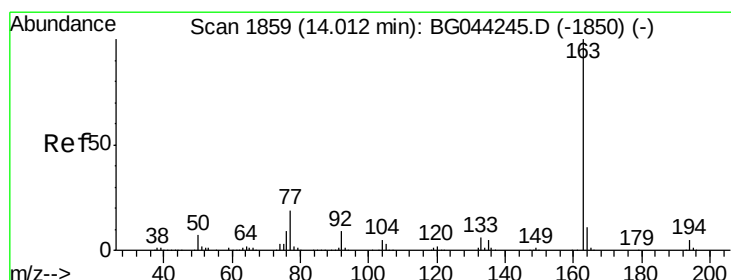
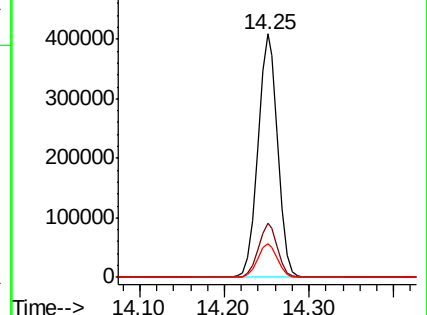
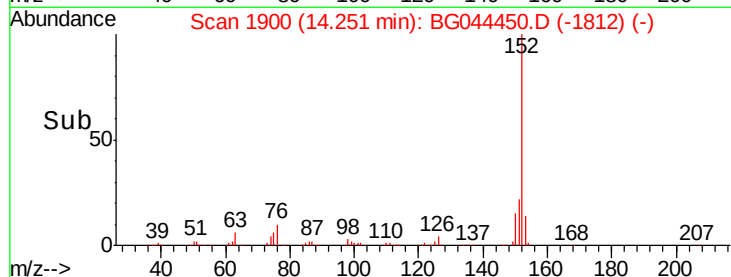
153 14.0 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.075 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

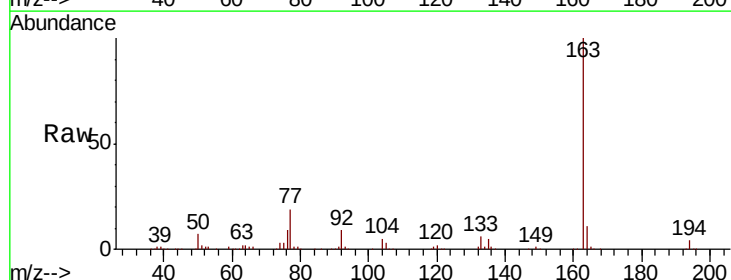
Tgt Ion:163 Resp: 557258

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

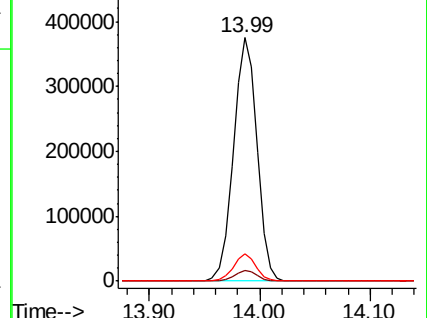
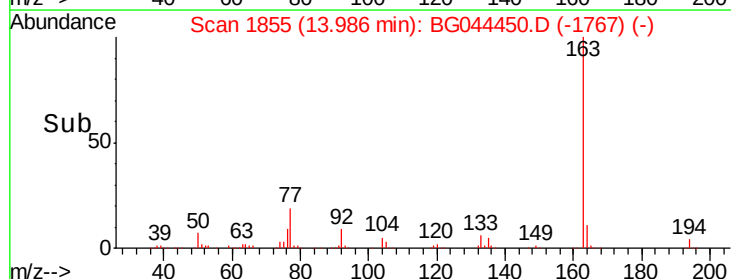
164 11.2 8.7 13.1

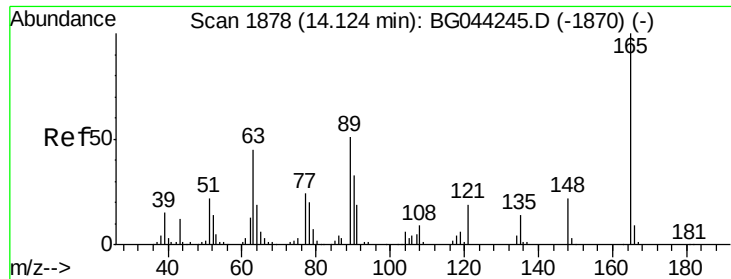


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

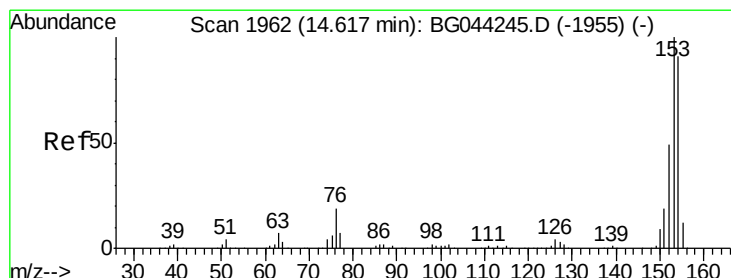
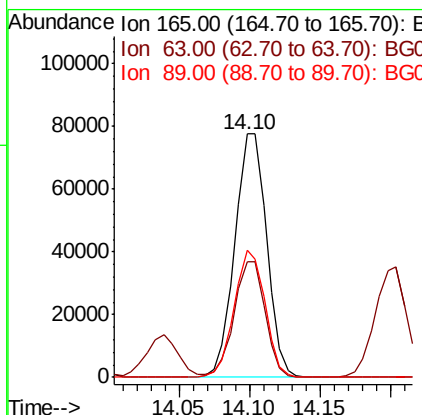
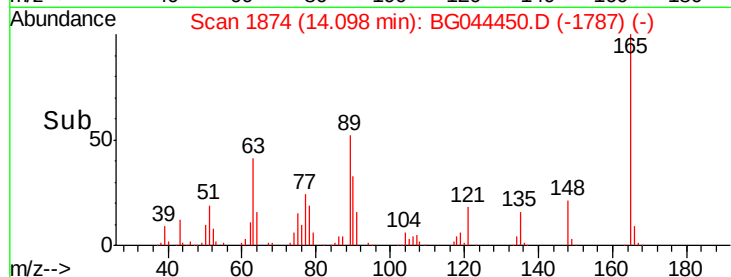
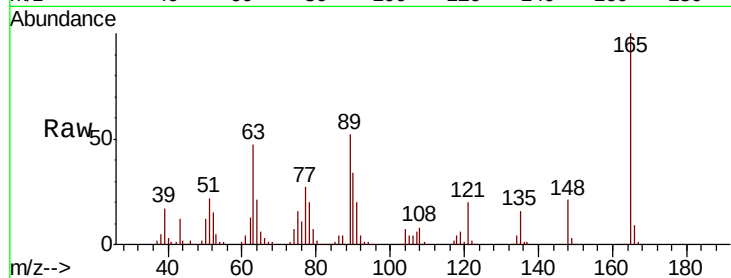




#51
 2,6-Dinitrotoluene
 Concen: 41.402 ng
 RT: 14.10 min Scan# 1874
 Delta R.T. -0.02 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

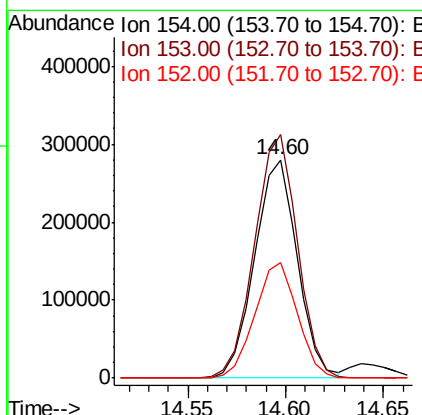
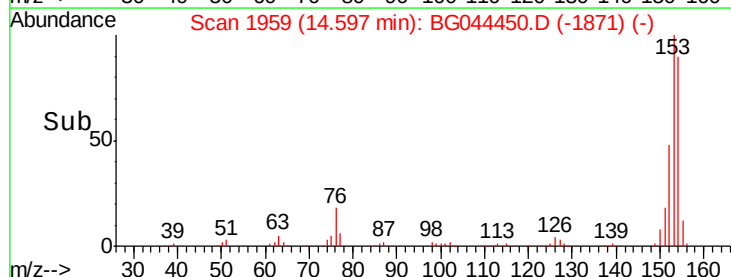
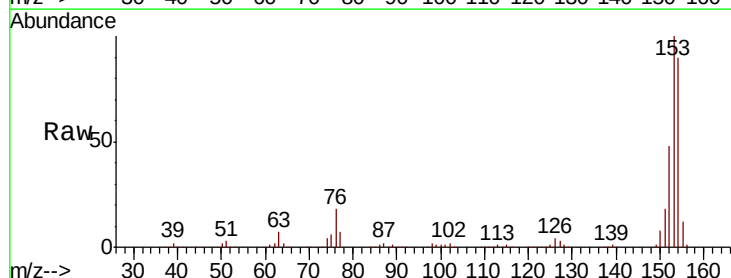
Instrument :
 BNA_G
 ClientSampled :

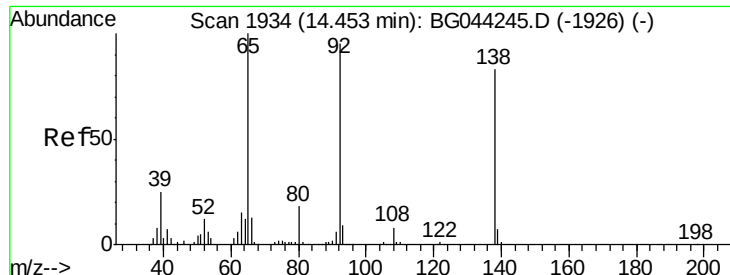
Tot Ion:165 Resp: 122261
 Ion Ratio Lower Upper
 165 100
 63 47.5 38.7 58.1
 89 52.2 40.4 60.6



#52
 Acenaphthene
 Concen: 42.185 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

Tgt Ion:154 Resp: 424130
 Ion Ratio Lower Upper
 154 100
 153 111.6 87.9 131.9
 152 53.0 43.1 64.7

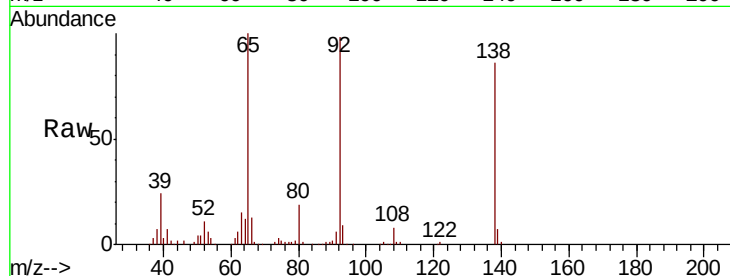




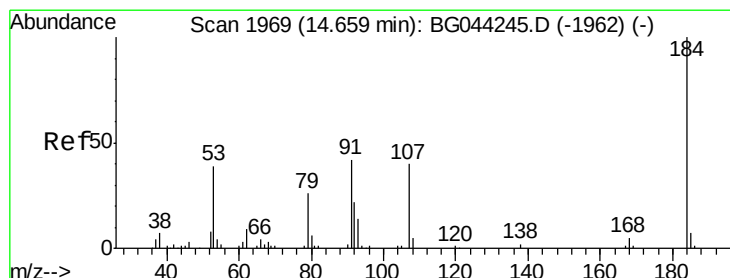
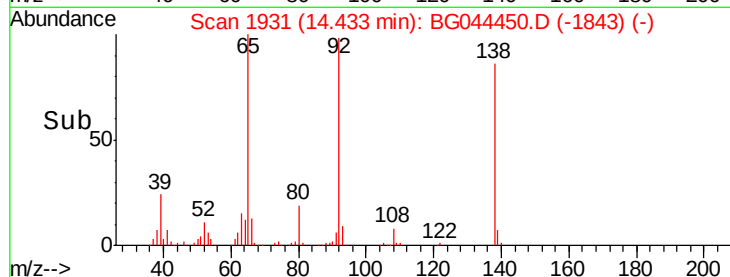
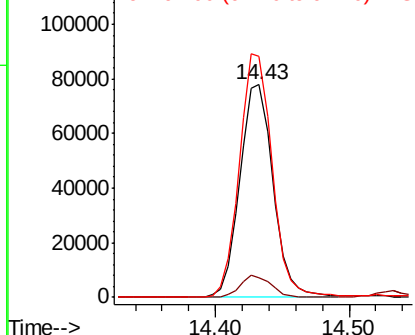
#53
 3-Nitroaniline
 Concen: 41.073 ng
 RT: 14.43 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 134189
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.9 11.9
 92 113.7 91.0 136.4

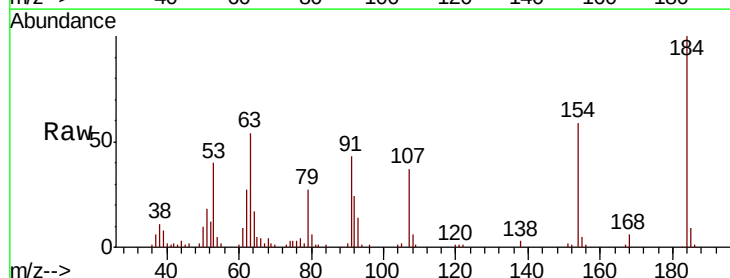


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

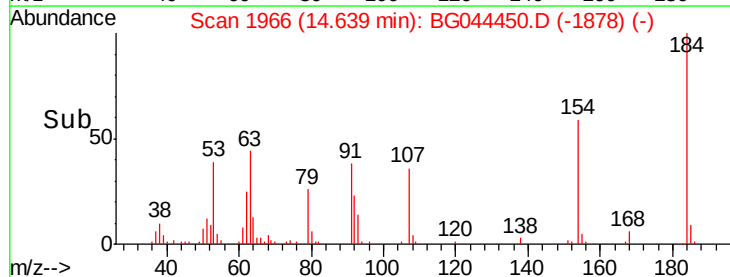
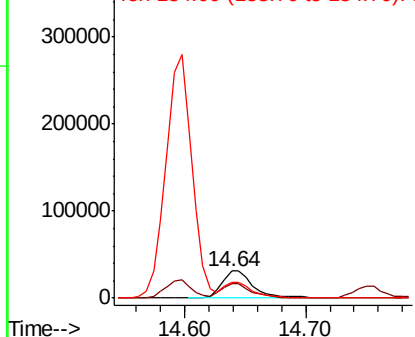


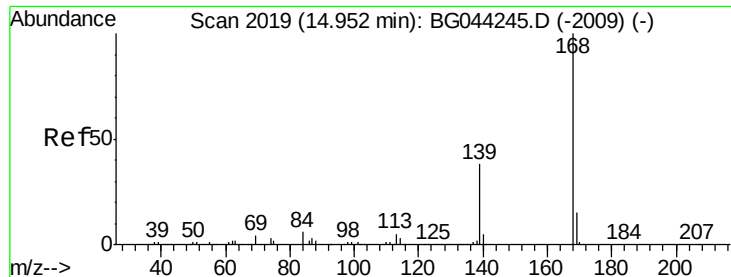
#54
 2,4-Dinitrophenol
 Concen: 37.420 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

Tgt Ion:184 Resp: 57628
 Ion Ratio Lower Upper
 184 100
 63 54.0 44.1 66.1
 154 58.9 45.4 68.0



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

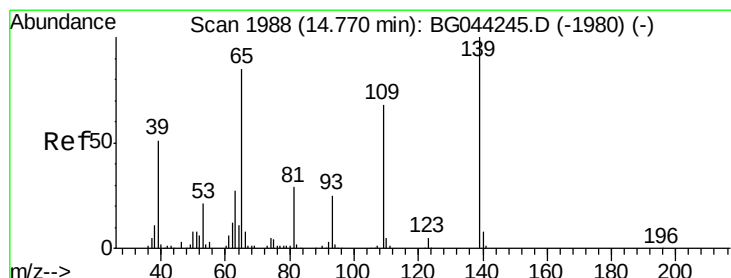
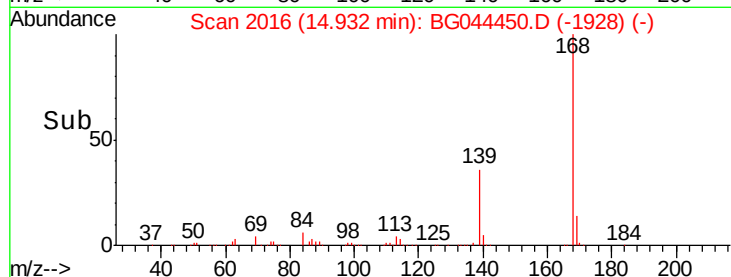
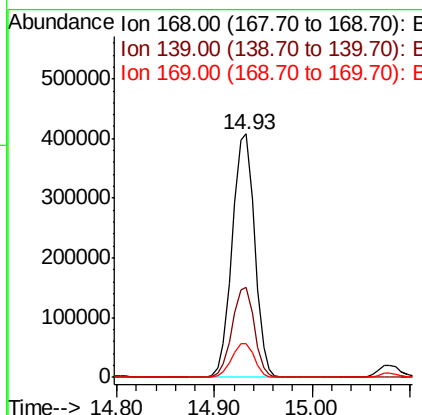
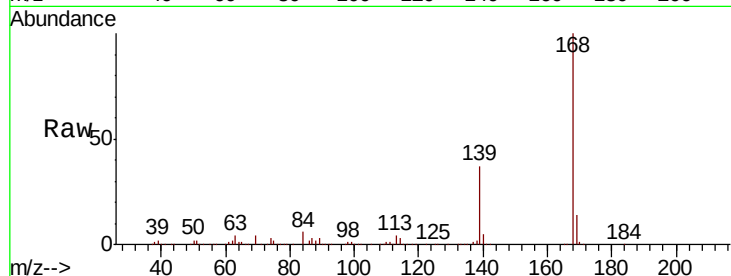




#55
Dibenzenofuran
Concen: 42.766 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

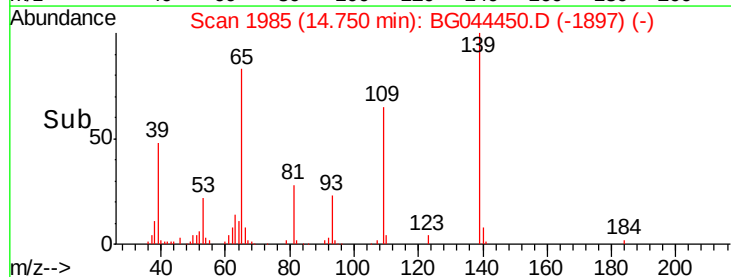
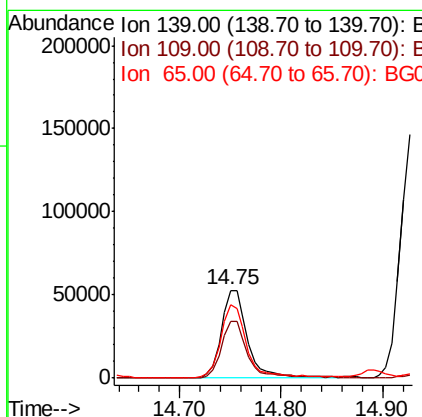
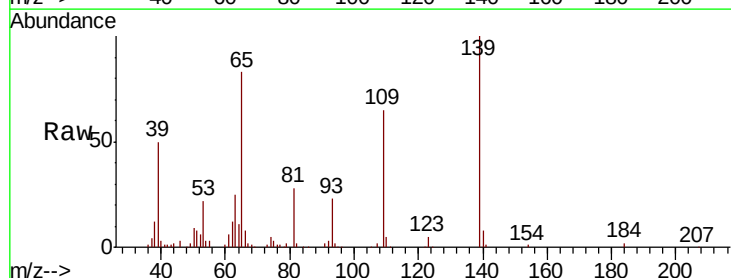
Instrument :
BNA_G
ClientSampled :

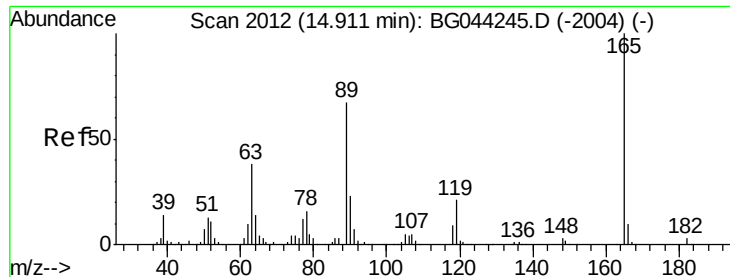
Tot Ion:168 Resp: 651005
Ion Ratio Lower Upper
168 100
139 36.8 30.5 45.7
169 14.0 11.7 17.5



#56
4-Nitrophenol
Concen: 40.073 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Tgt Ion:139 Resp: 95900
Ion Ratio Lower Upper
139 100
109 65.0 47.5 87.5
65 83.0 64.9 104.9

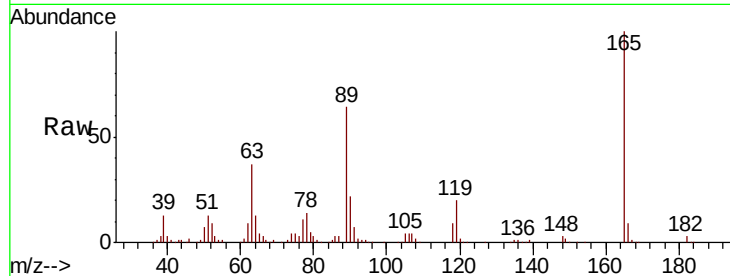




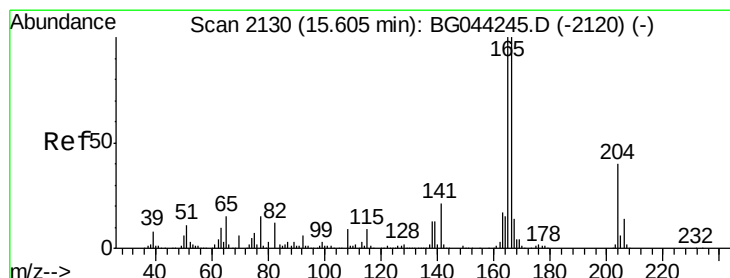
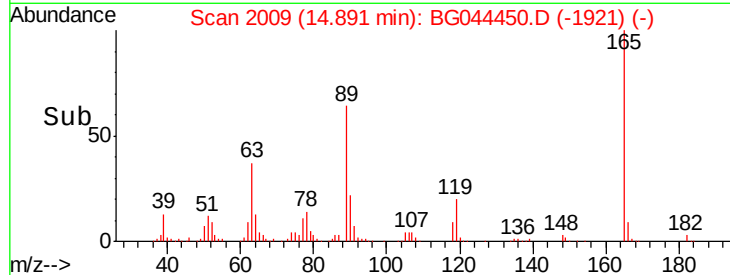
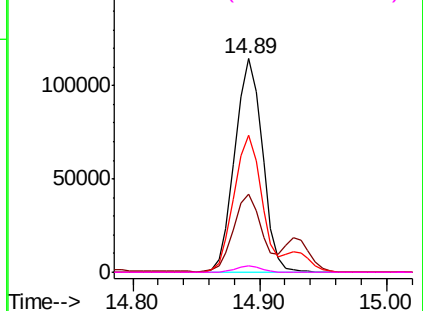
#57
2,4-Dinitrotoluene
Concen: 41.705 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.7	30.3	45.5
89	64.1	53.4	80.2
182	2.8	2.1	3.1

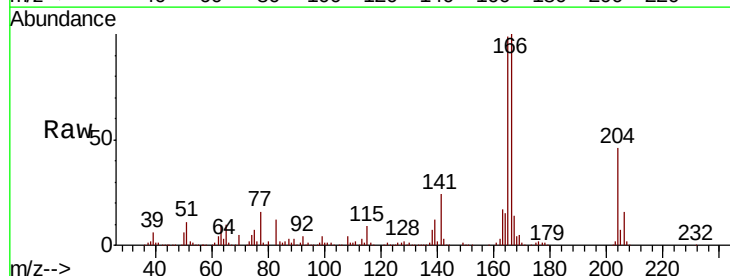


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

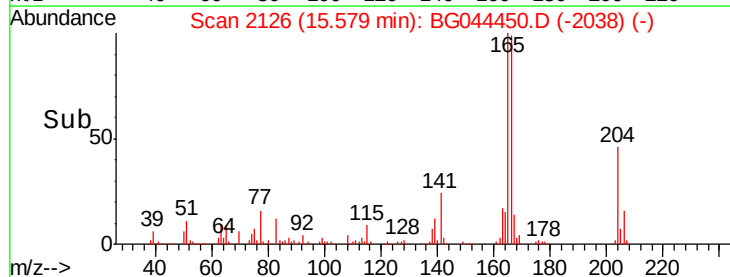
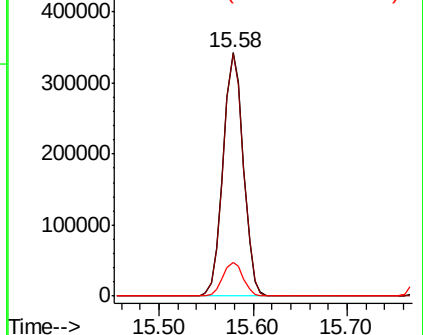


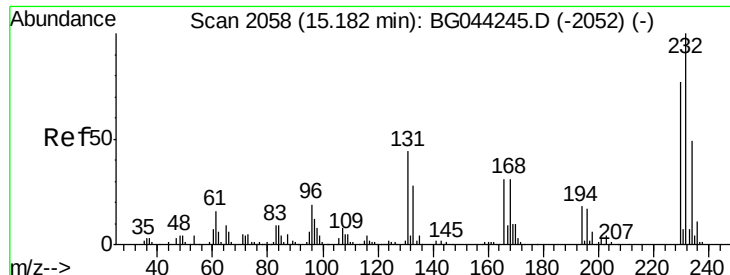
#58
Fluorene
Concen: 42.975 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.9	119.9
167	14.1	11.4	17.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.508 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 136426

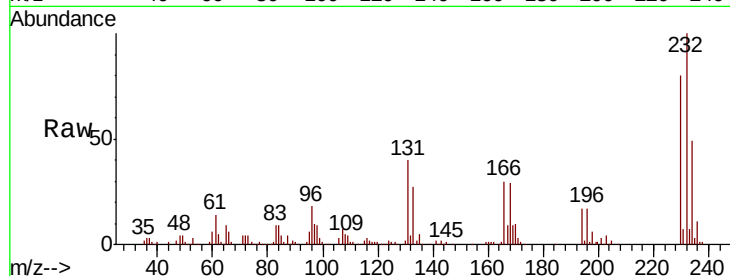
Ion Ratio Lower Upper

232 100

131 43.2 34.2 51.4

130 2.3 1.8 2.8

166 29.9 23.8 35.8

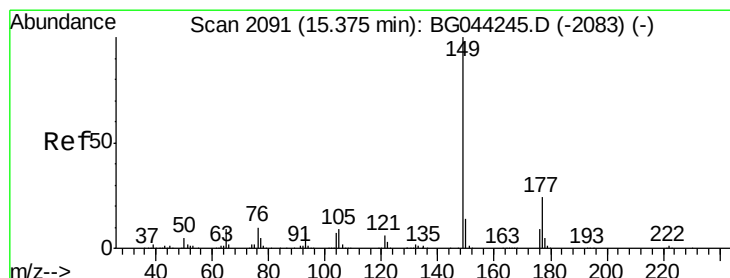
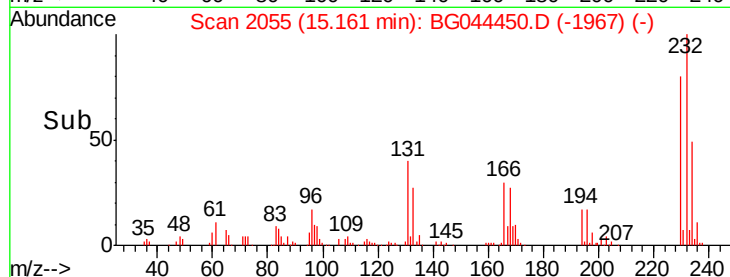
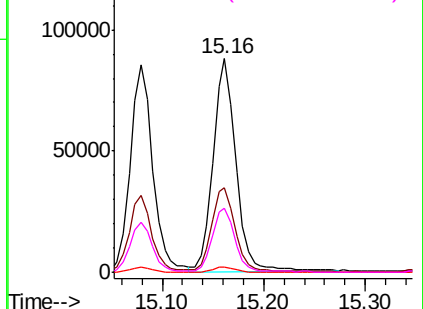


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.596 ng

RT: 15.36 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

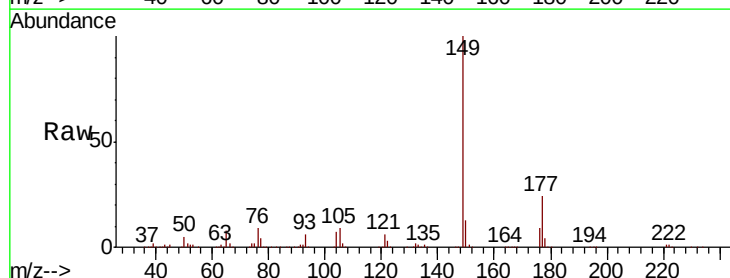
Tgt Ion:149 Resp: 548934

Ion Ratio Lower Upper

149 100

177 23.6 19.4 29.0

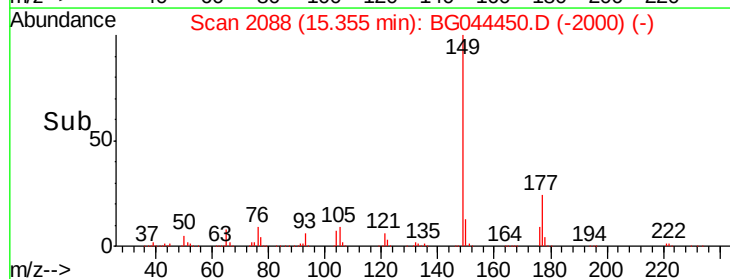
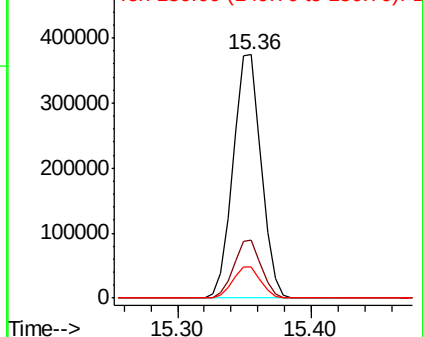
150 12.9 10.9 16.3

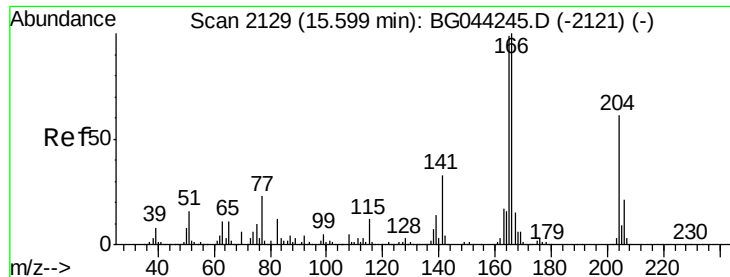


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

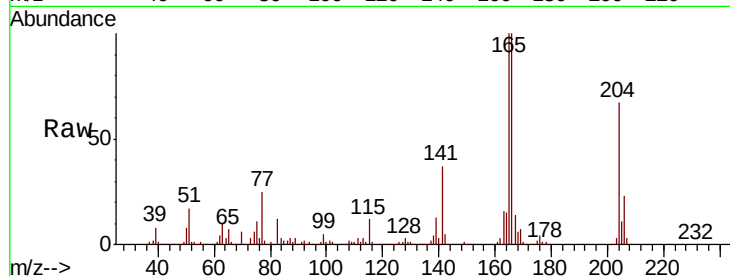




#61
 4-Chlorophenyl-phenylether
 Concen: 42.223 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.6	41.4
141	55.0	43.4	65.0

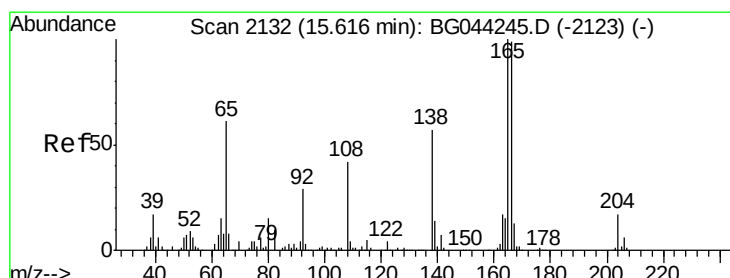
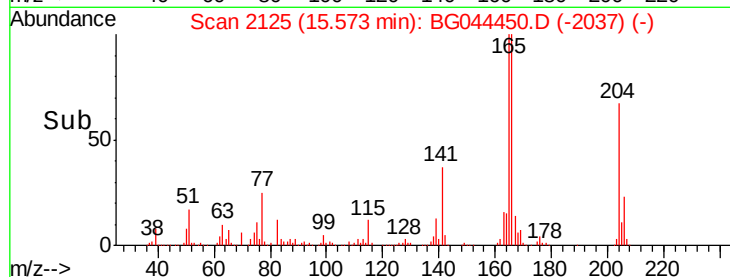
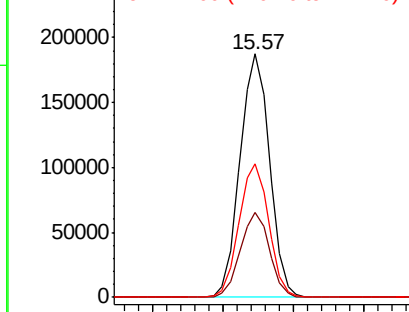


Abundance

Ion 204.00 (203.70 to 204.70): E

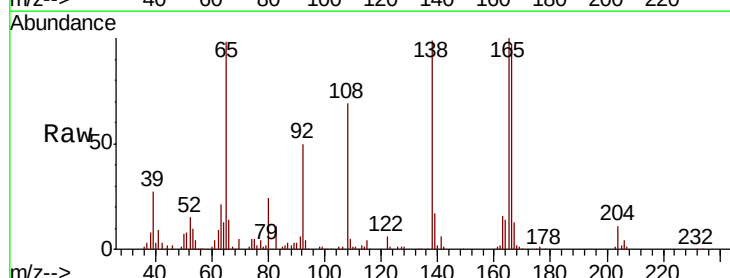
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 41.521 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	31.3	71.3
108	69.8	52.6	92.6

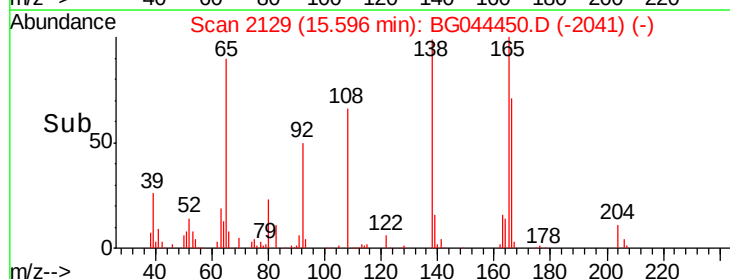
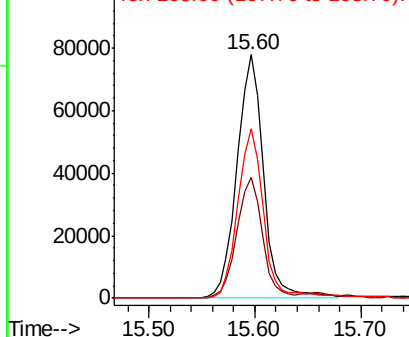


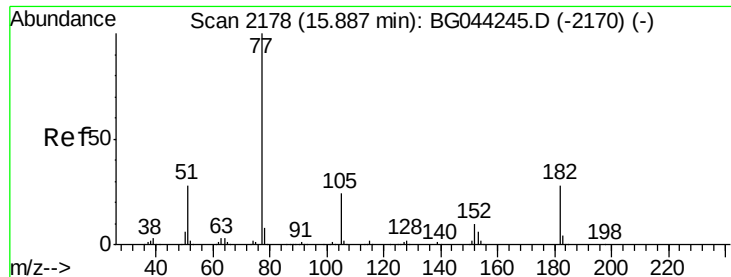
Abundance

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: 41.054 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 474843

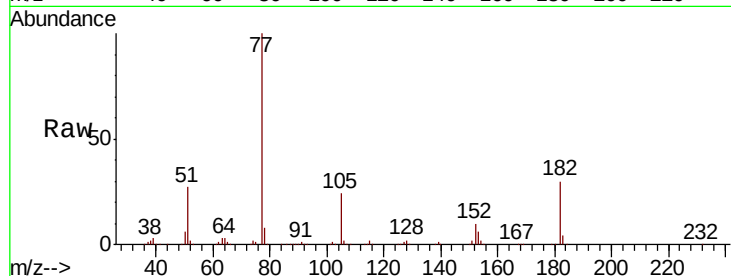
Ion Ratio Lower Upper

77 100

182 29.7 8.2 48.2

105 23.7 3.6 43.6

51 26.8 8.3 48.3

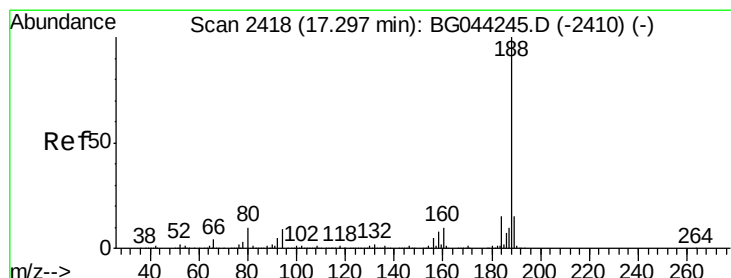
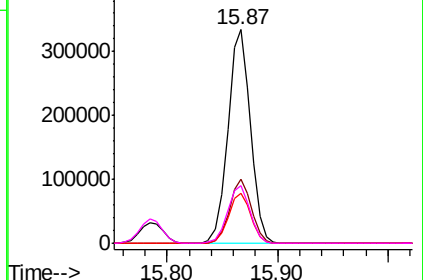
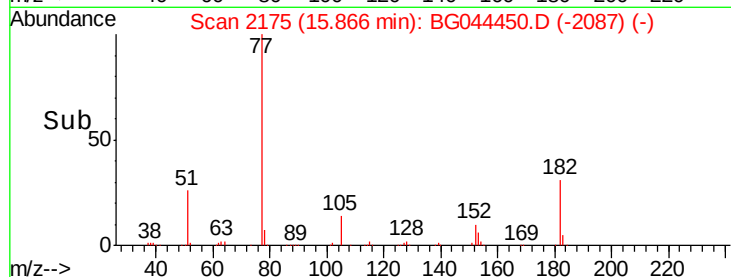


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.28 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

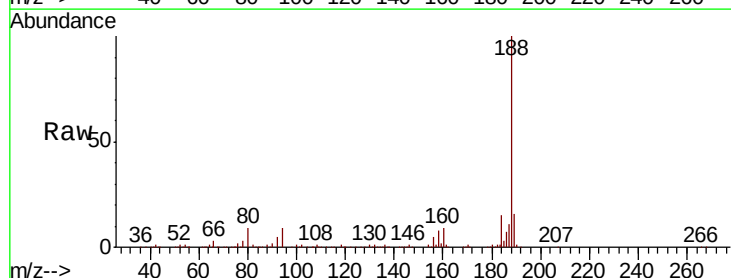
Tgt Ion: 188 Resp: 398234

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

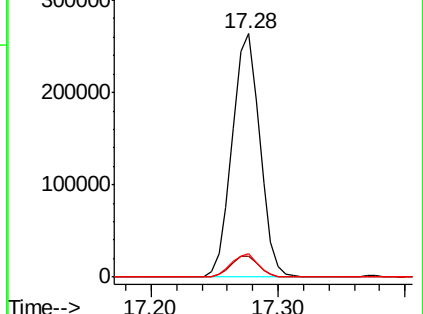
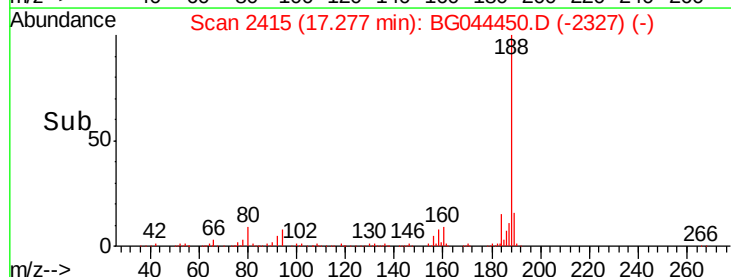
80 9.4 7.7 11.5

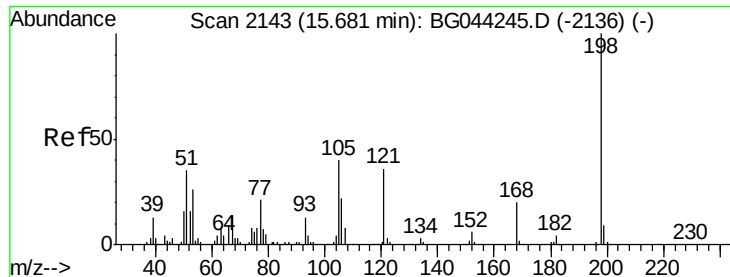


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

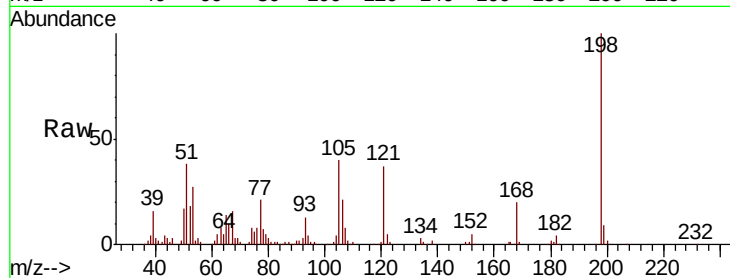




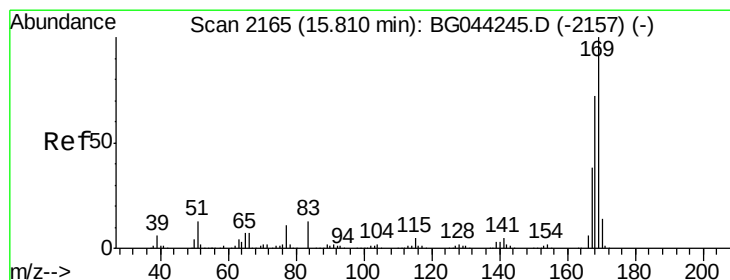
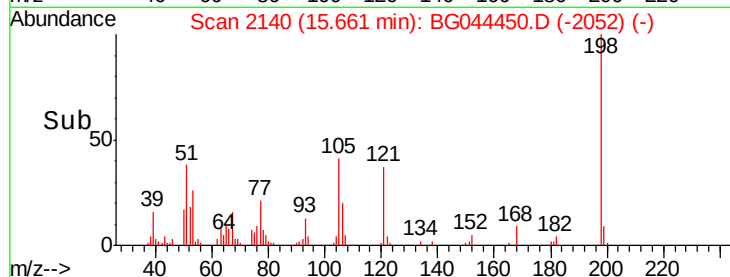
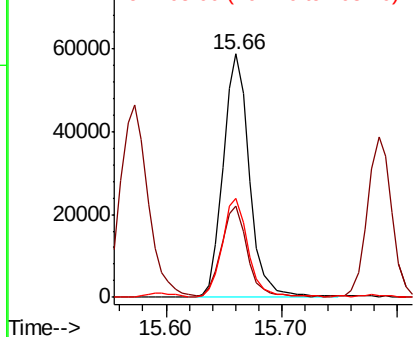
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.055 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.6	16.6	56.6
105	40.5	20.6	60.6

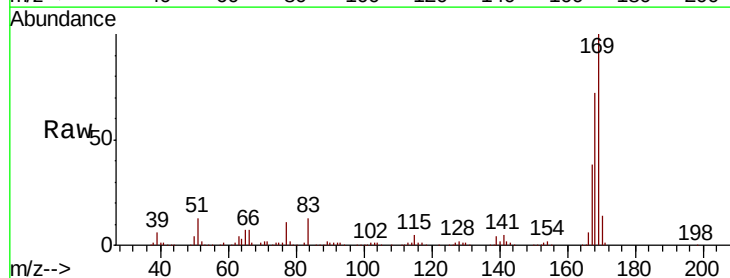


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

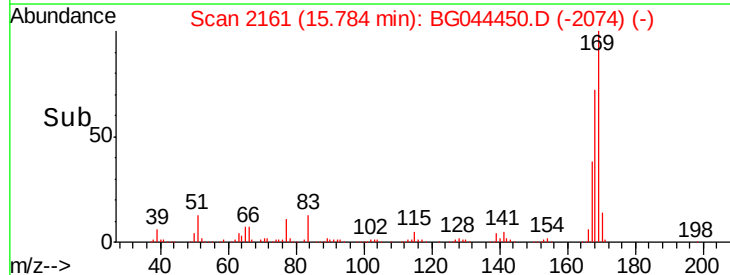
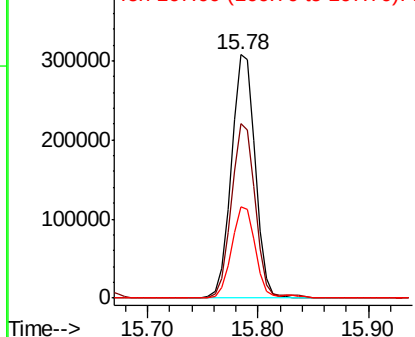


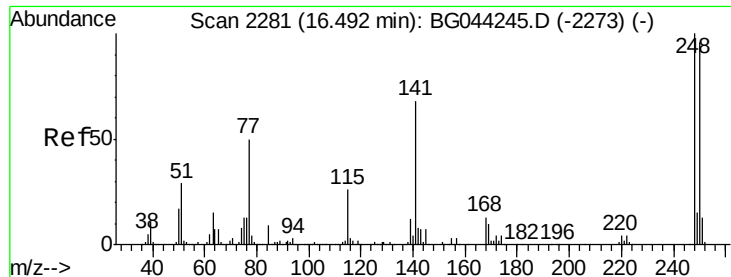
#66
 n-Nitrosodiphenylamine
 Concen: 41.676 ng
 RT: 15.78 min Scan# 2161
 Delta R.T. -0.02 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.6	57.9	86.9
167	37.6	30.7	46.1



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

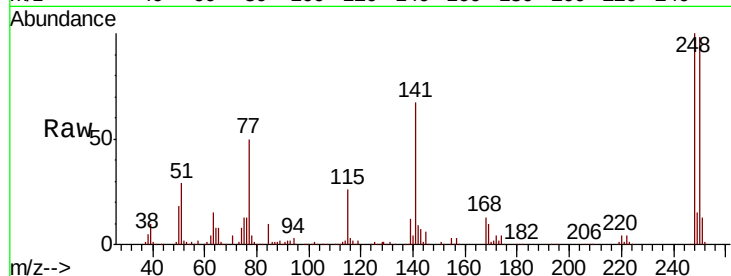




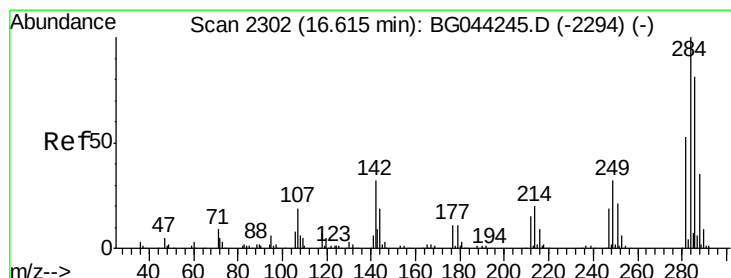
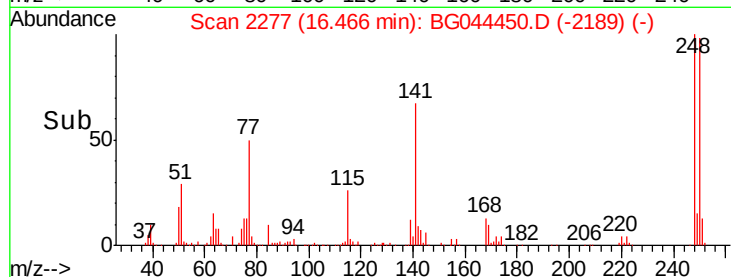
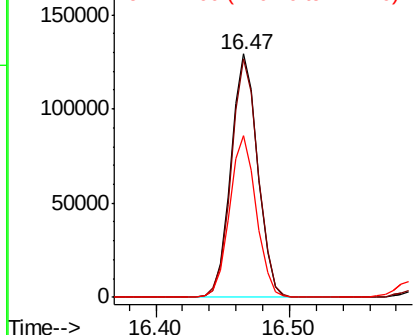
#67
 4-Bromophenyl-phenylether
 Concen: 41.638 ng
 RT: 16.47 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 180655
 Ion Ratio Lower Upper
 248 100
 250 97.9 76.6 114.8
 141 66.6 54.7 82.1

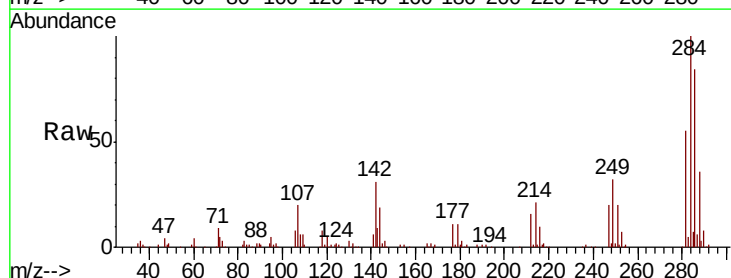


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

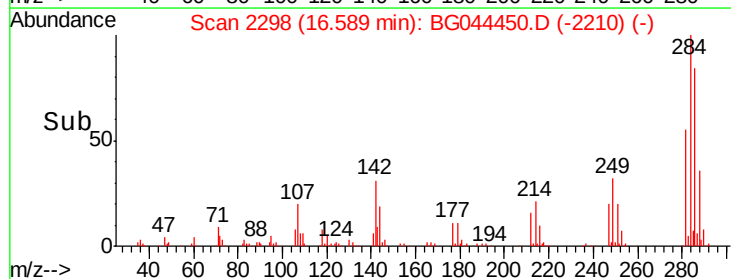
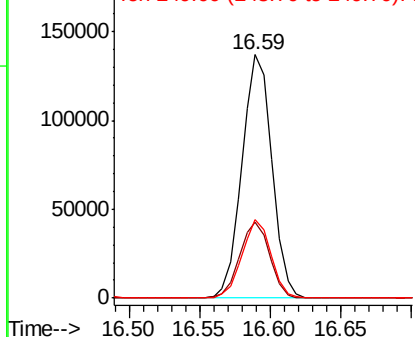


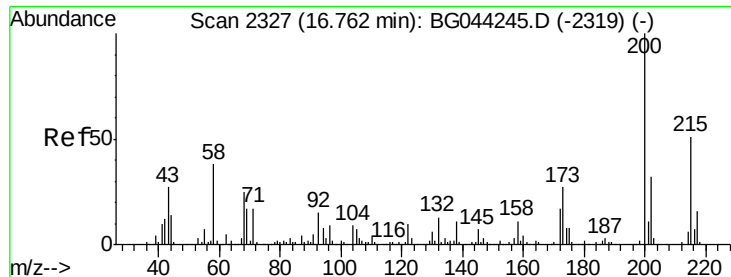
#68
 Hexachlorobenzene
 Concen: 41.875 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

Tgt Ion:284 Resp: 203544
 Ion Ratio Lower Upper
 284 100
 142 31.0 25.3 37.9
 249 32.0 25.5 38.3



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: 38.960 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

Instrument :

BNA_G

ClientSampleId :

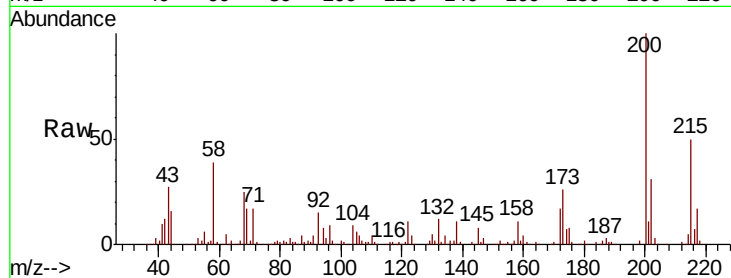
Tot Ion:200 Resp: 149029

Ion Ratio Lower Upper

200 100

173 25.8 6.6 46.6

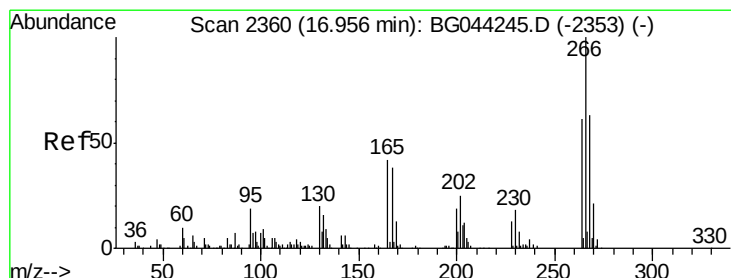
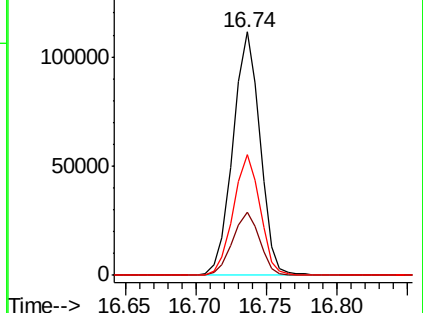
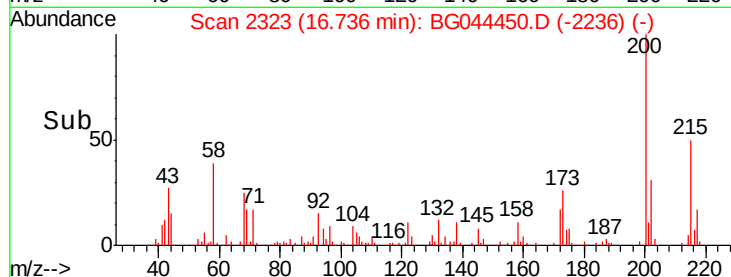
215 49.7 31.0 71.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 37.809 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

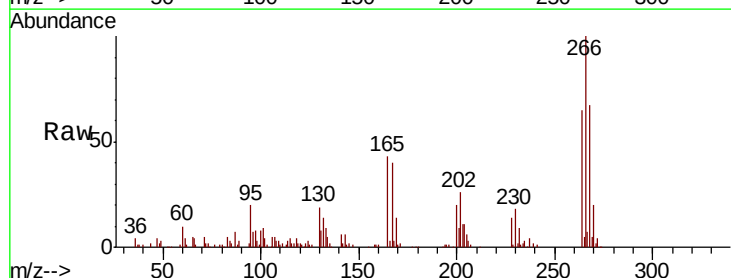
Tgt Ion:266 Resp: 88697

Ion Ratio Lower Upper

266 100

268 66.7 50.6 75.8

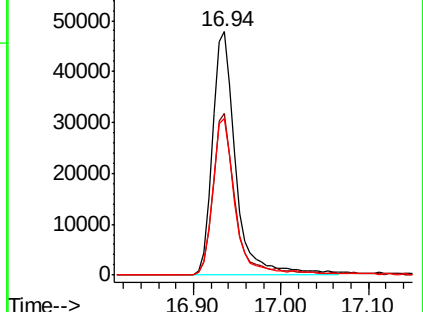
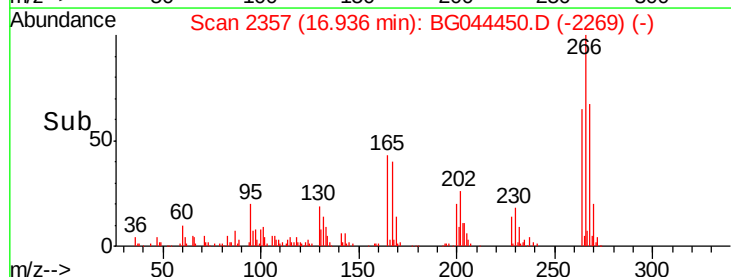
264 64.6 48.7 73.1

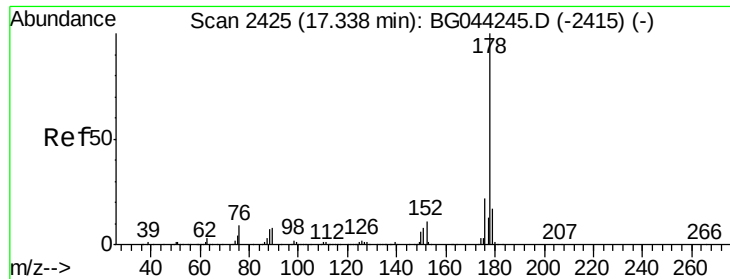


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

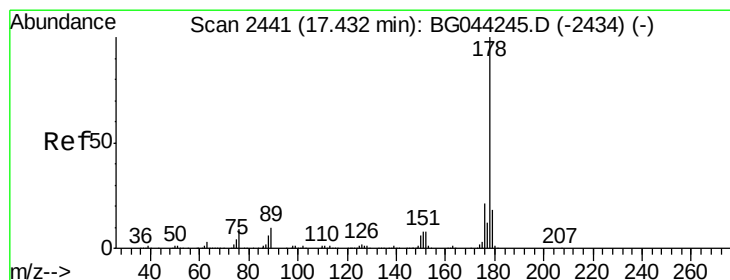
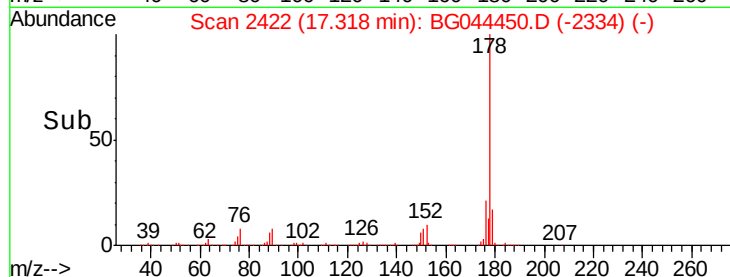
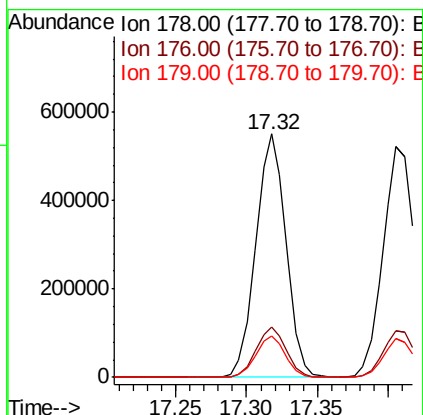
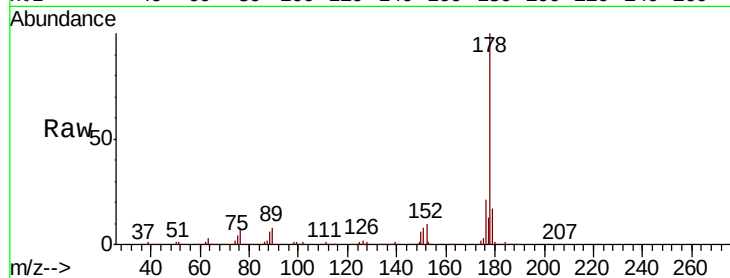




#71
Phenanthrene
Concen: 42.928 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

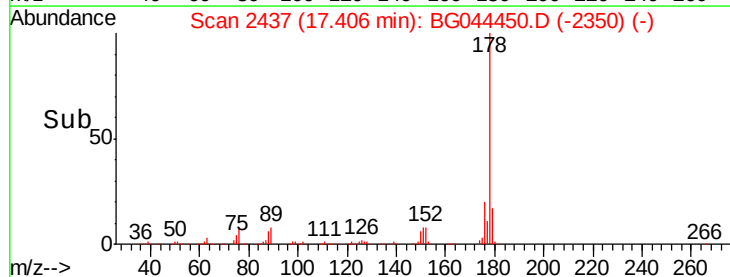
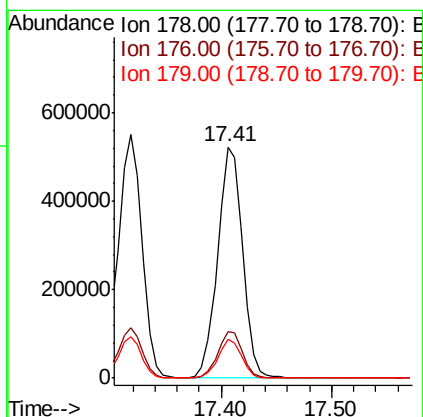
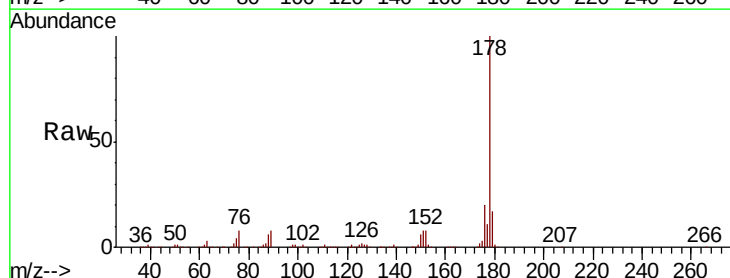
Instrument :
BNA_G
ClientSampleId :

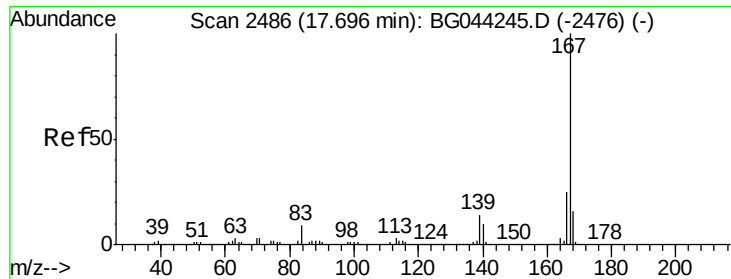
Tot Ion:178 Resp: 827813
Ion Ratio Lower Upper
178 100
176 20.5 17.7 26.5
179 16.9 13.7 20.5



#72
Anthracene
Concen: 42.848 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.02 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Tgt Ion:178 Resp: 816916
Ion Ratio Lower Upper
178 100
176 20.4 17.0 25.4
179 16.7 14.4 21.6





#73

Carbazole

Concen: 42.906 ng

RT: 17.68 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

Instrument :

BNA_G

ClientSampleId :

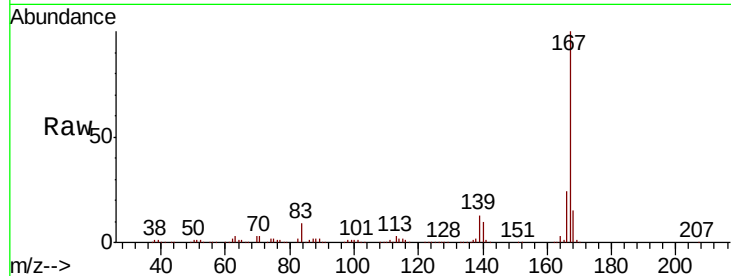
Tot Ion:167 Resp: 754113

Ion Ratio Lower Upper

167 100

166 23.8 19.8 29.6

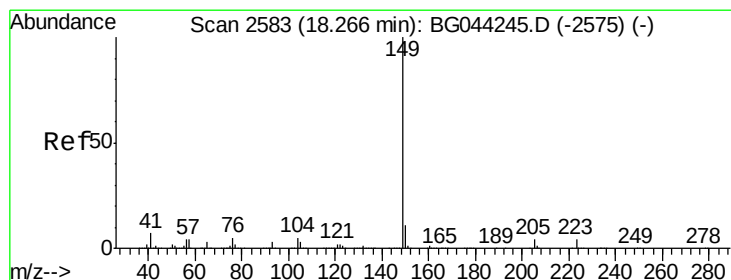
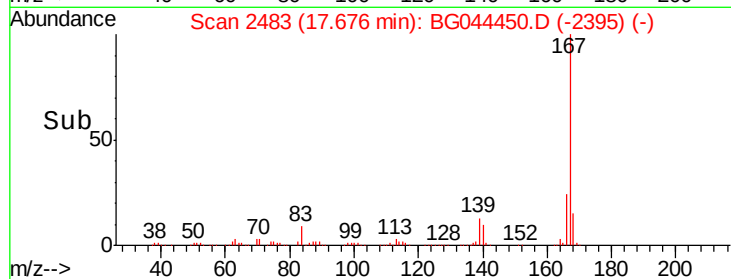
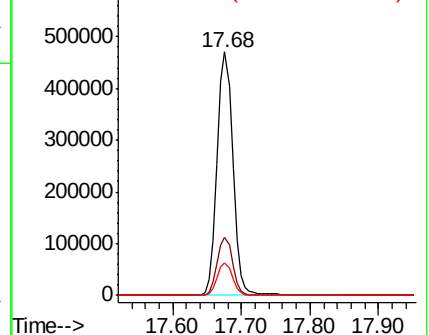
139 13.3 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.017 ng

RT: 18.24 min Scan# 2579

Delta R.T. -0.02 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

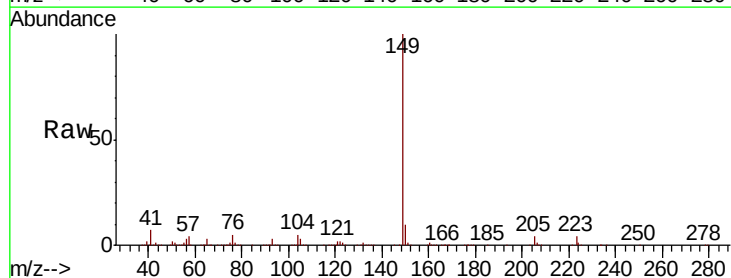
Tgt Ion:149 Resp: 934317

Ion Ratio Lower Upper

149 100

150 10.4 8.7 13.1

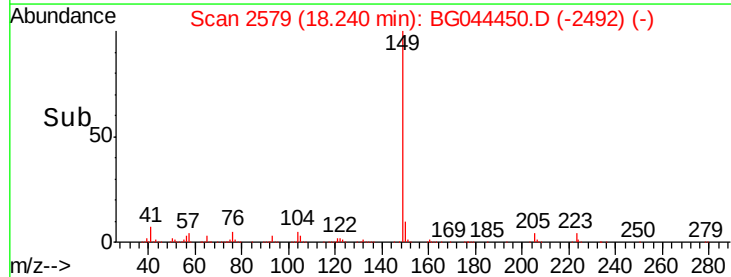
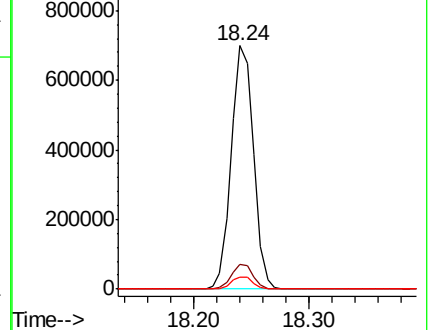
104 5.0 4.3 6.5

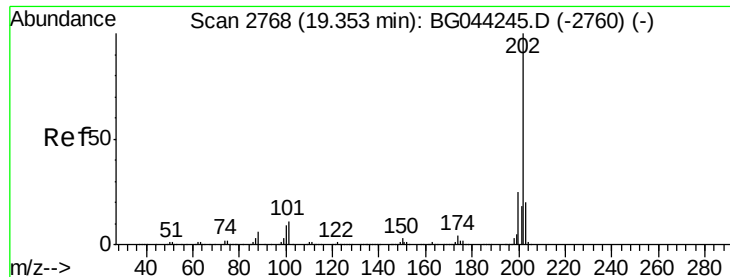


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.090 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

Instrument :

BNA_G

ClientSampleId :

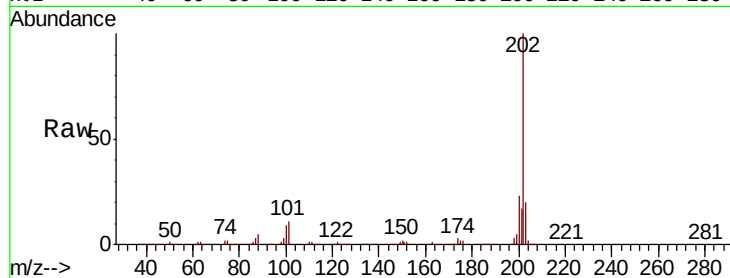
Tot Ion:202 Resp: 961240

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.3

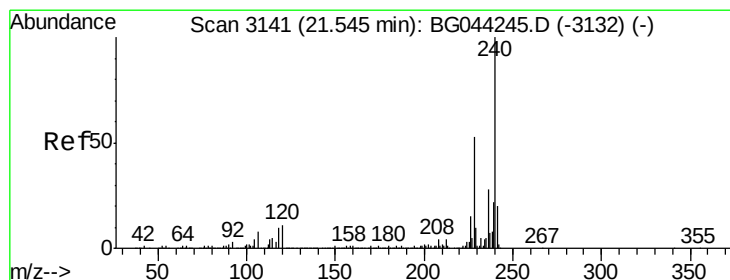
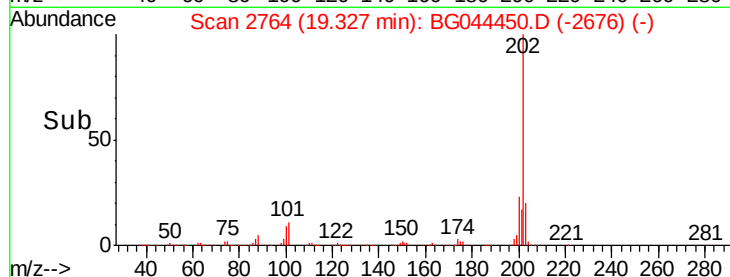
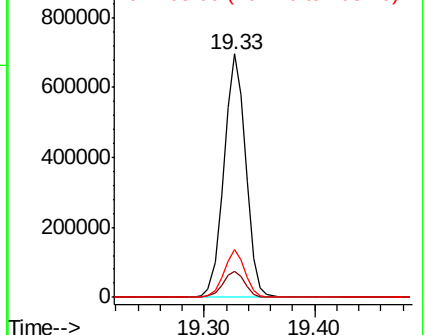
203 19.7 0.0 39.9



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: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

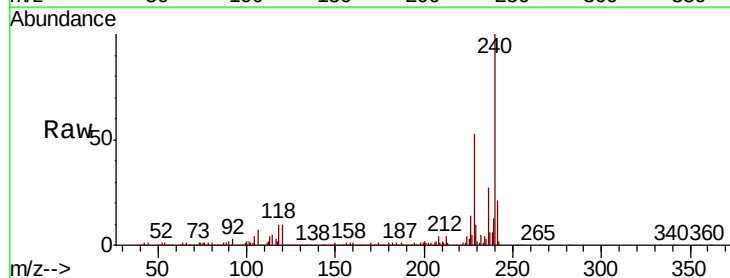
Tgt Ion:240 Resp: 371010

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

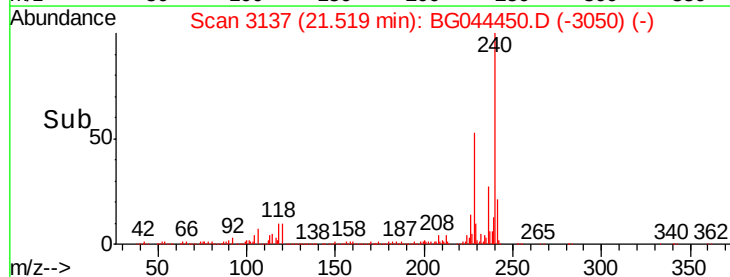
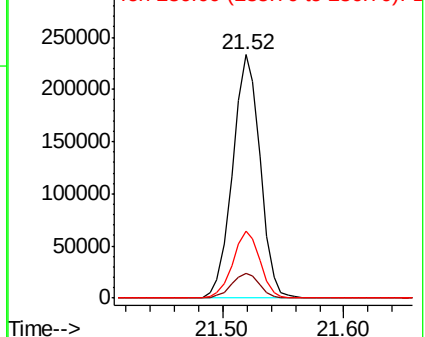
236 27.4 22.1 33.1

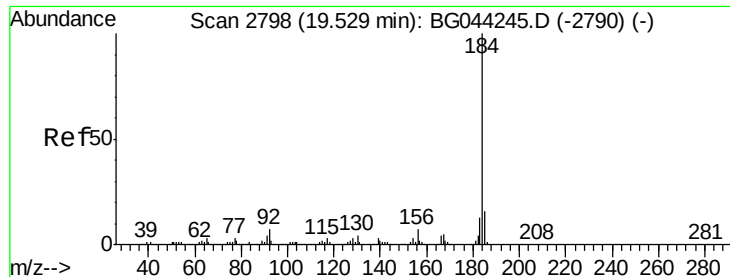


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.393 ng

RT: 19.50 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

Instrument :

BNA_G

ClientSampleId :

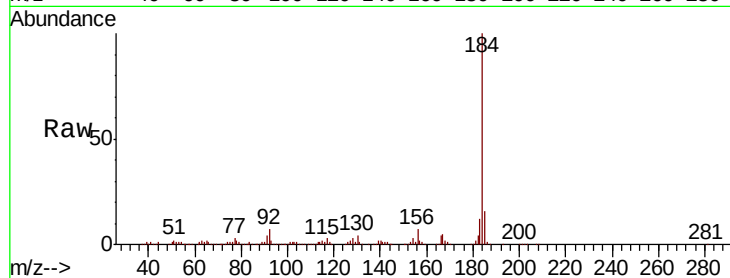
Tot Ion:184 Resp: 415684

Ion Ratio Lower Upper

184 100

185 15.7 12.9 19.3

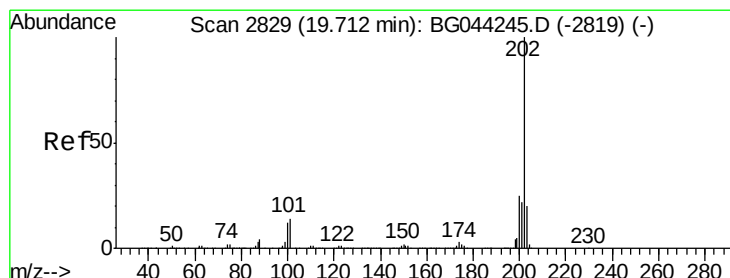
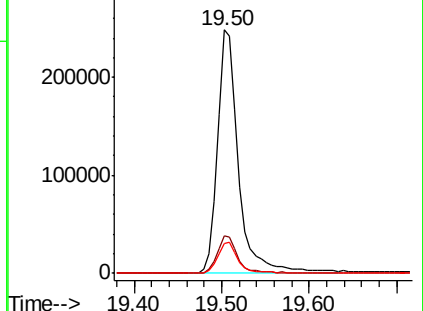
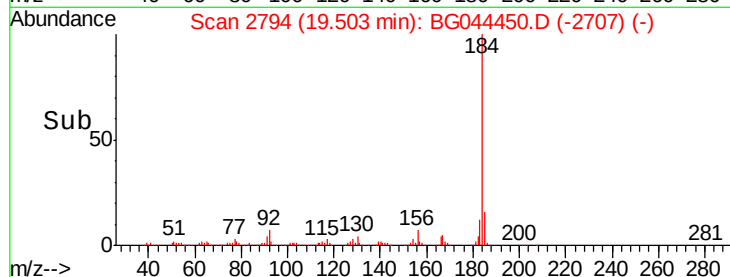
183 12.4 10.8 16.2



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: 40.761 ng

RT: 19.69 min Scan# 2825

Delta R.T. -0.02 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

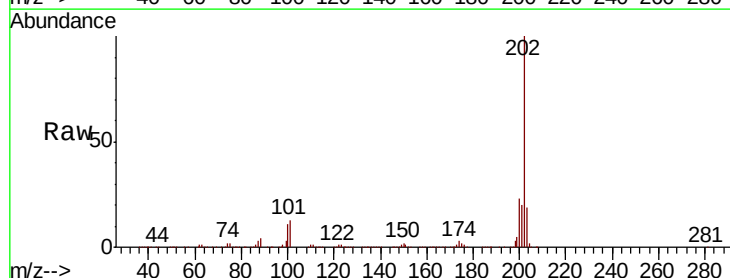
Tgt Ion:202 Resp: 971185

Ion Ratio Lower Upper

202 100

200 23.2 20.0 30.0

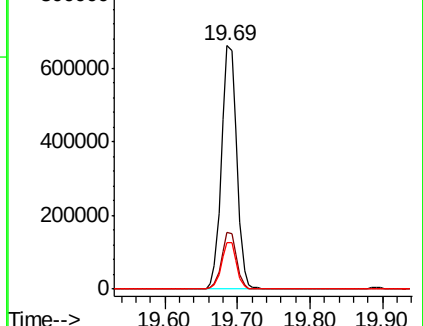
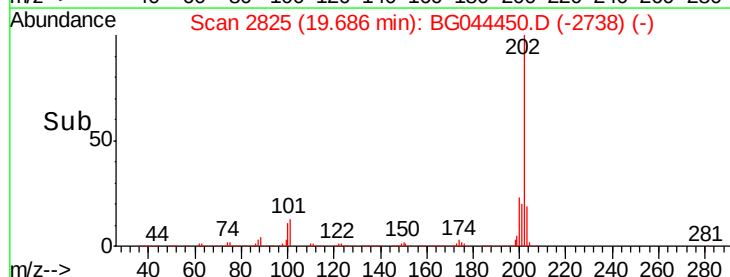
203 19.3 16.2 24.2

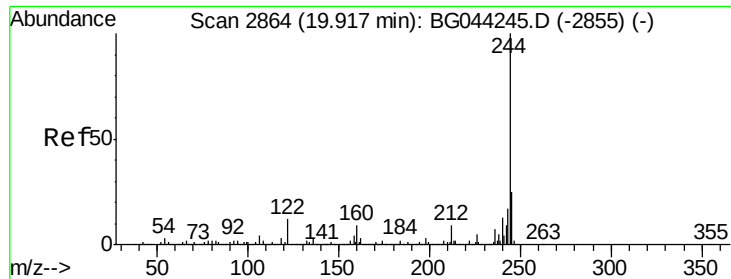


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.616 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

Instrument :

BNA_G

ClientSampled :

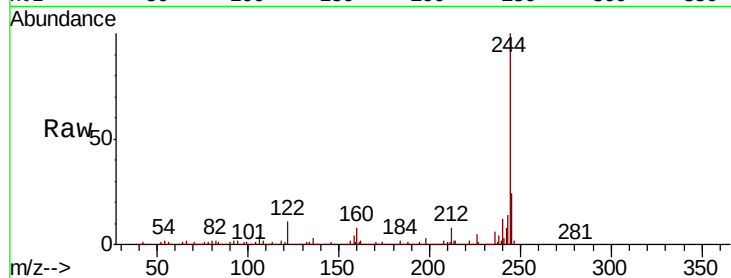
Tot Ion:244 Resp: 1400006

Ion Ratio Lower Upper

244 100

212 8.4 7.4 11.2

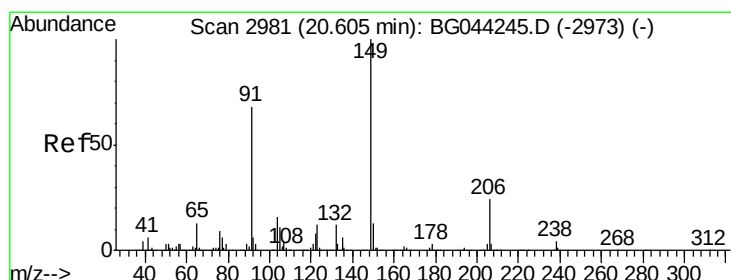
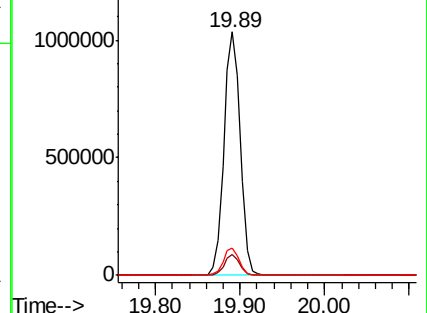
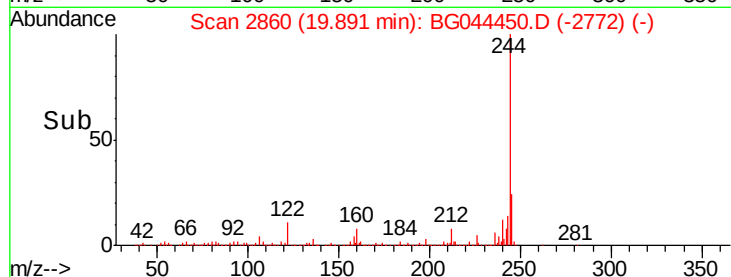
122 11.4 9.8 14.6



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: 40.441 ng

RT: 20.58 min Scan# 2977

Delta R.T. -0.02 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

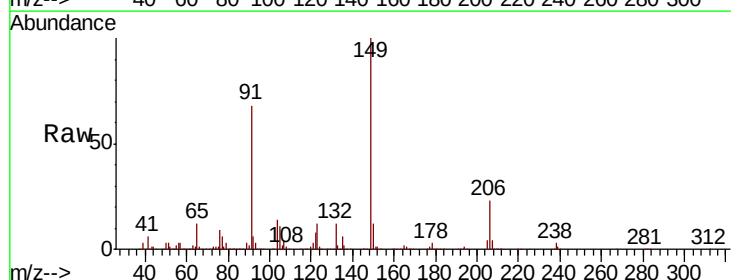
Tgt Ion:149 Resp: 439110

Ion Ratio Lower Upper

149 100

91 68.4 54.5 81.7

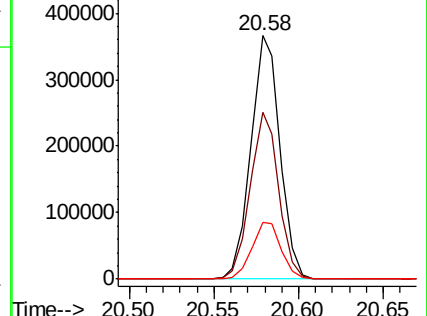
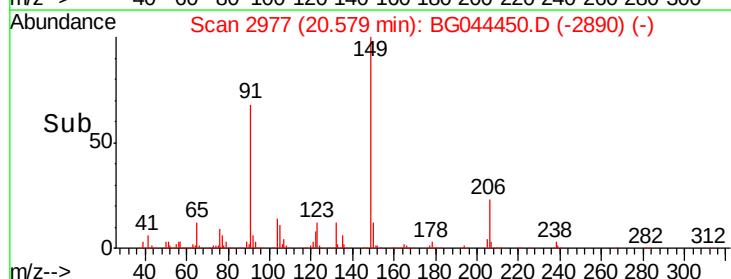
206 23.0 19.1 28.7

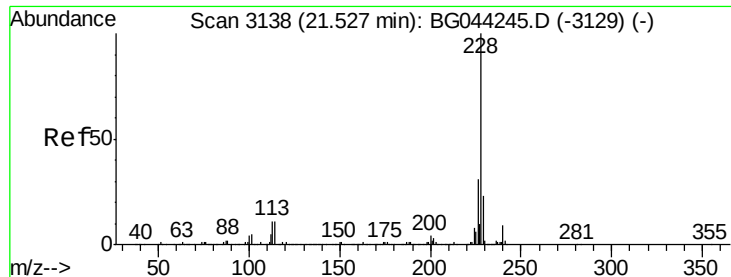


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.317 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

Instrument :

BNA_G

ClientSampleId :

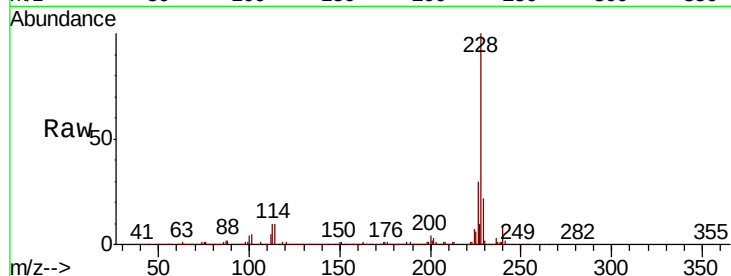
Tot Ion:228 Resp: 944736

Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

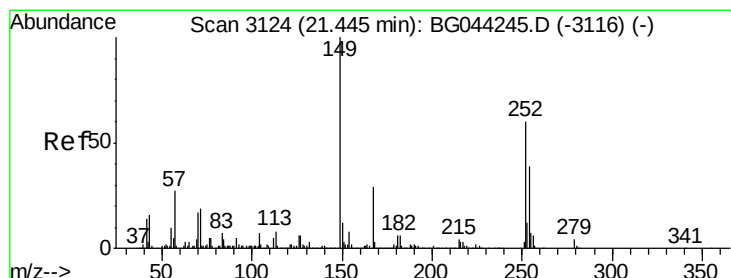
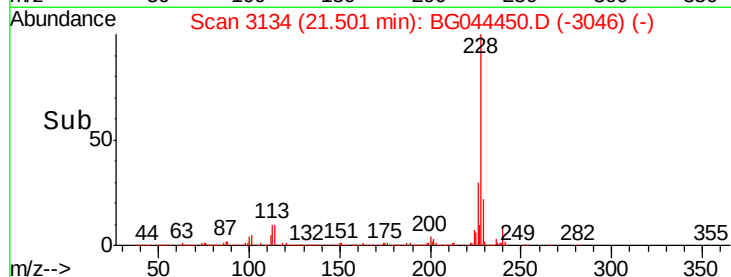
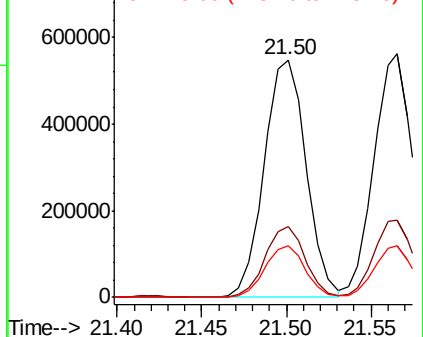
229 21.9 18.2 27.4



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: 41.635 ng

RT: 21.42 min Scan# 3120

Delta R.T. -0.02 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

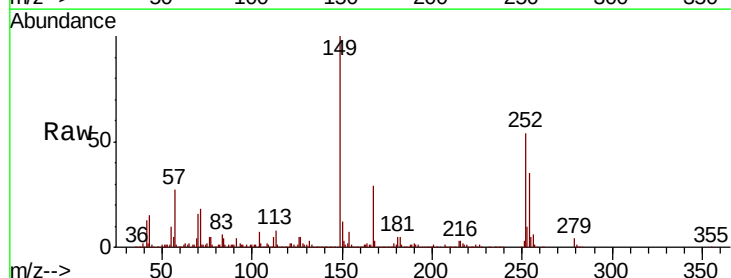
Tgt Ion:252 Resp: 369486

Ion Ratio Lower Upper

252 100

254 64.9 52.6 78.8

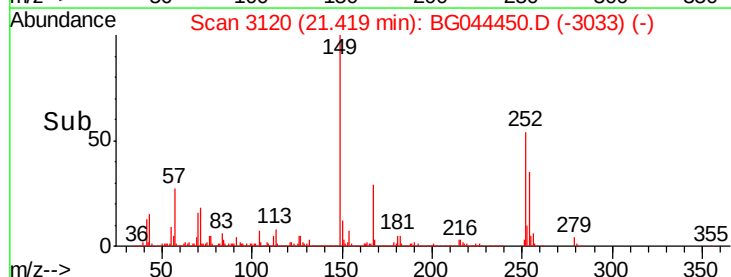
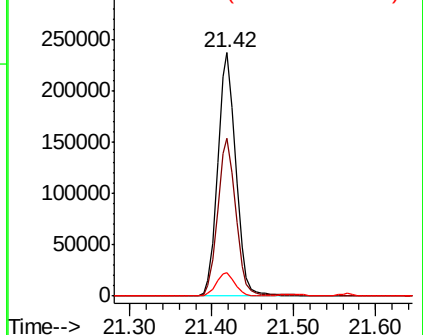
126 9.6 8.2 12.4

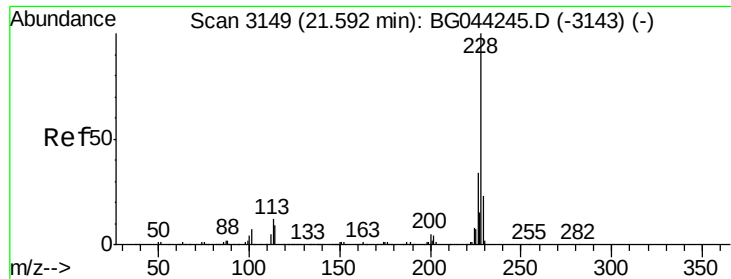


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

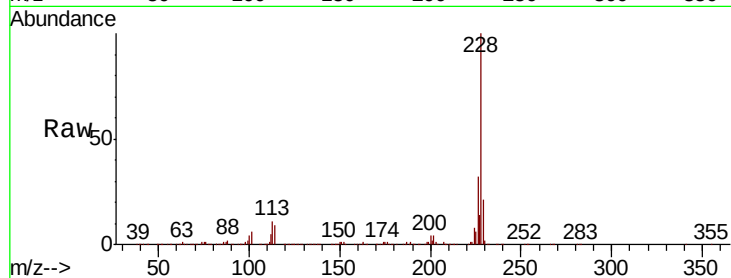




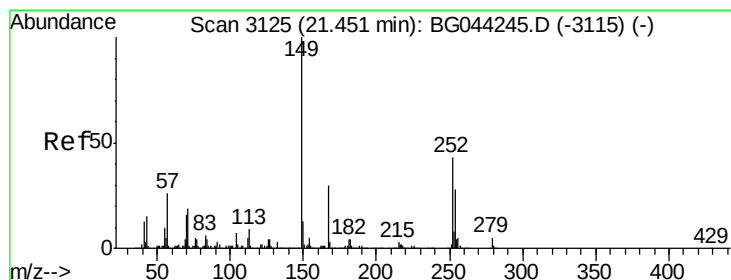
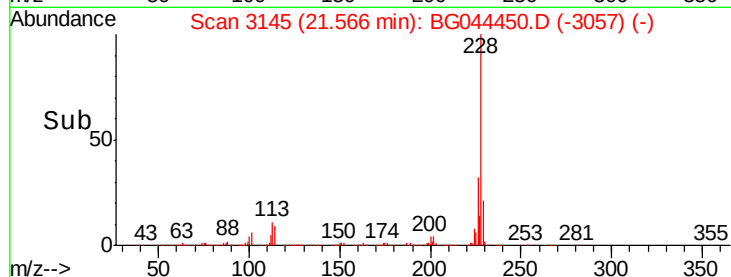
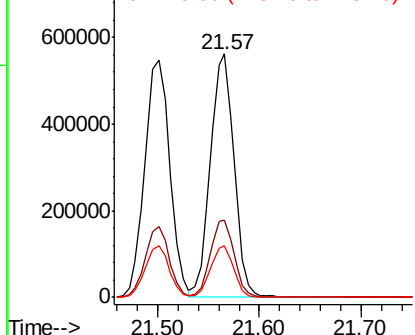
#83
 Chrysene
 Concen: 41.136 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 909177
 Ion Ratio Lower Upper
 228 100
 226 31.8 27.1 40.7
 229 21.0 17.9 26.9

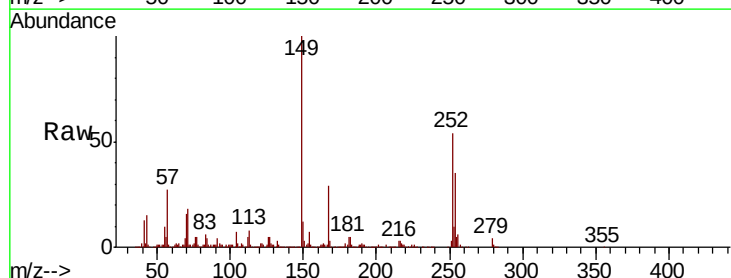


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

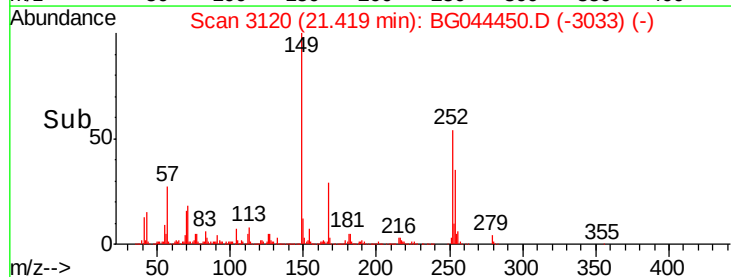
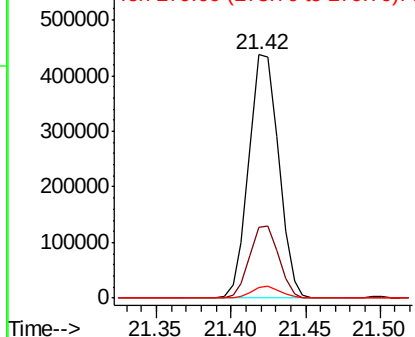


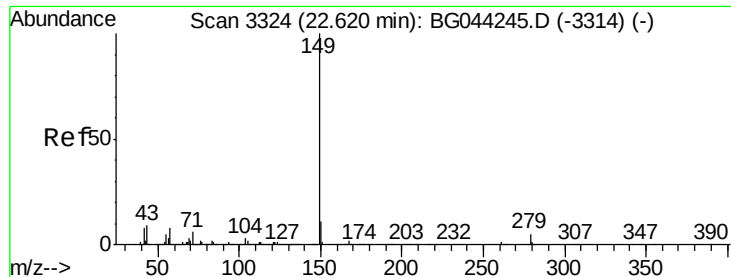
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.572 ng
 RT: 21.42 min Scan# 3120
 Delta R.T. -0.02 min
 Lab File: BG044450.D
 Acq: 17 Feb 2020 17:01

Tgt Ion:149 Resp: 606353
 Ion Ratio Lower Upper
 149 100
 167 29.2 24.0 36.0
 279 4.3 3.8 5.8



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: 41.665 ng

RT: 22.58 min Scan# 3318

Delta R.T. -0.02 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

Instrument :

BNA_G

ClientSampleId :

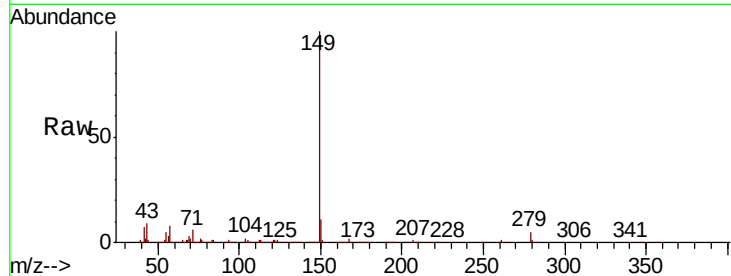
Tot Ion:149 Resp: 1077377

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.8 7.4 11.0

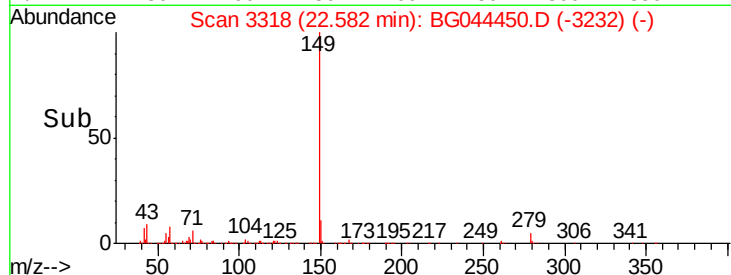


Abundance Ion 149.00 (148.70 to 149.70): E

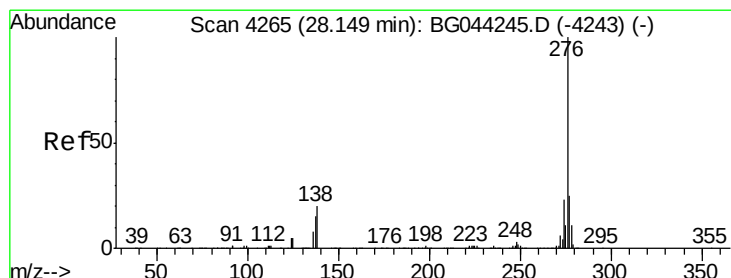
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.58



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.340 ng

RT: 28.08 min Scan# 4254

Delta R.T. -0.04 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

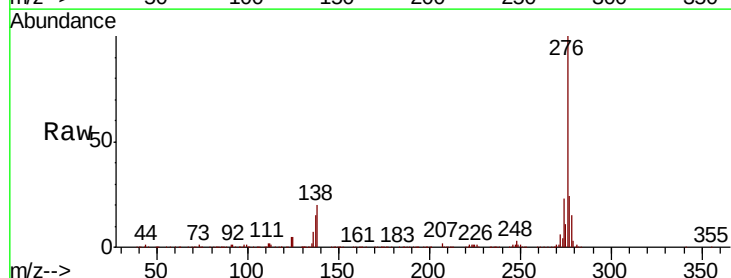
Tgt Ion:276 Resp: 1163219

Ion Ratio Lower Upper

276 100

138 23.7 19.4 29.0

277 26.1 21.0 31.6

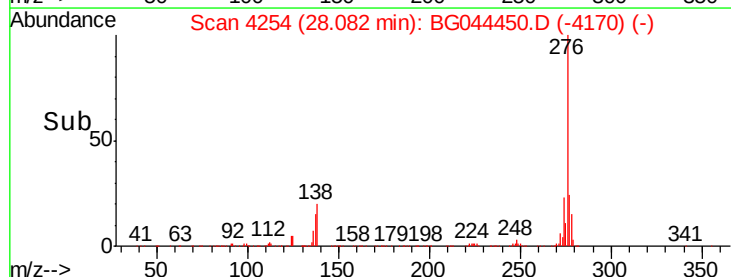


Abundance Ion 276.00 (275.70 to 276.70): E

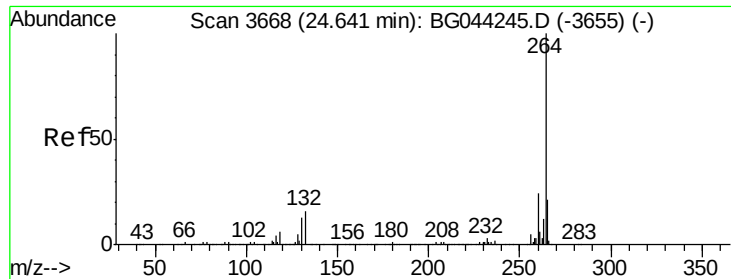
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.08



Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.60 min Scan# 3661

Delta R.T. -0.02 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

Instrument :

BNA_G

ClientSampleId :

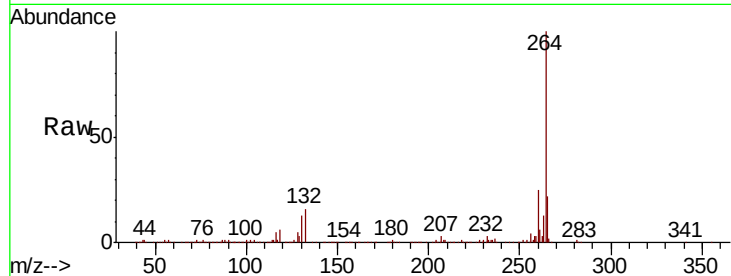
Tot Ion:264 Resp: 412808

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 21.7 16.7 25.1

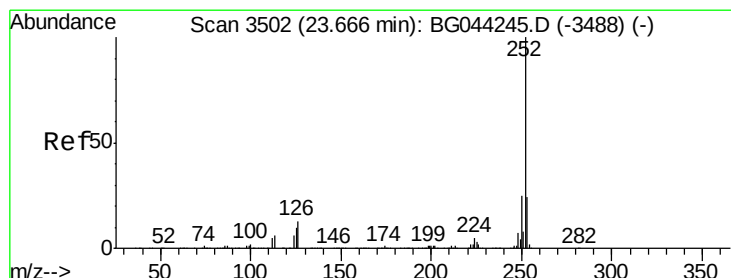
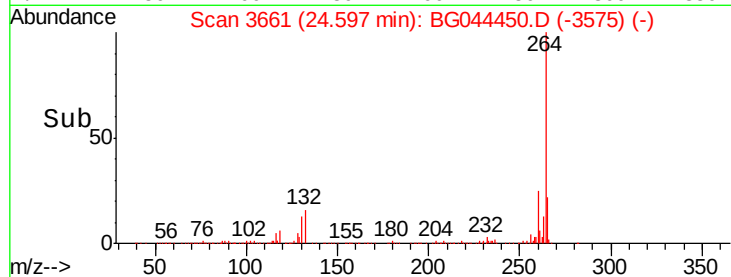
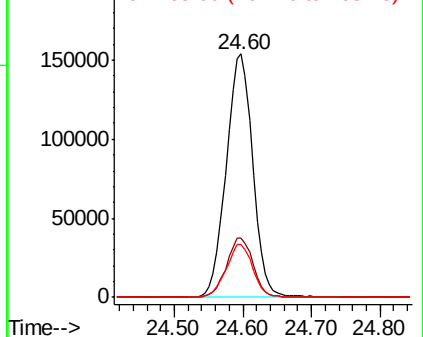


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.857 ng

RT: 23.62 min Scan# 3495

Delta R.T. -0.02 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

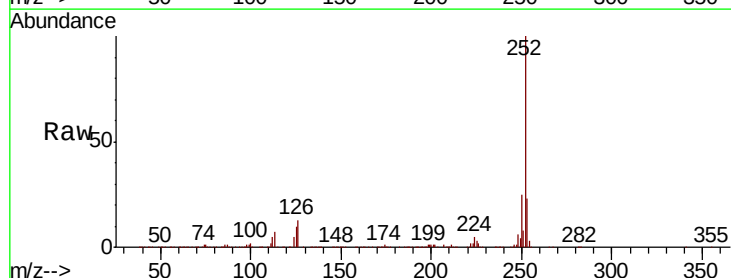
Tgt Ion:252 Resp: 1019467

Ion Ratio Lower Upper

252 100

253 23.3 19.2 28.8

125 9.8 8.4 12.6

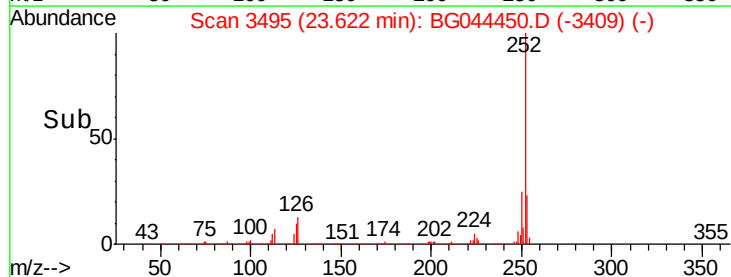
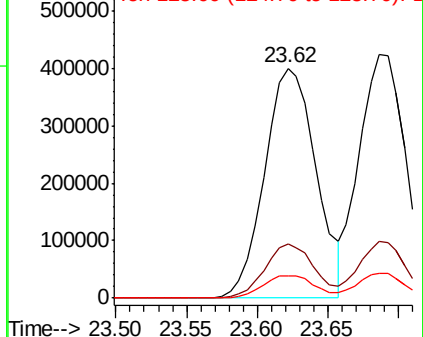


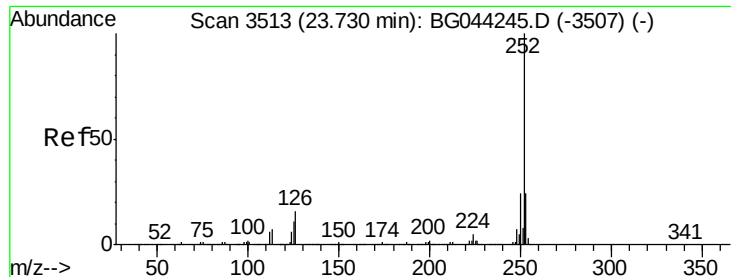
Abundance

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

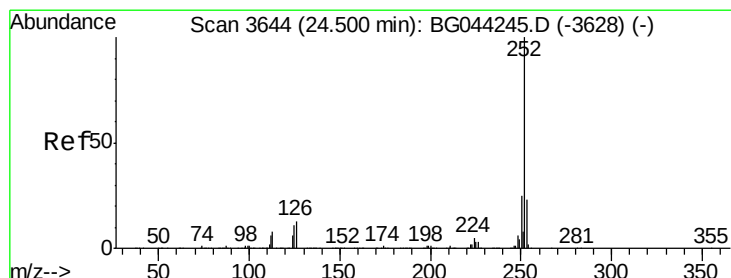
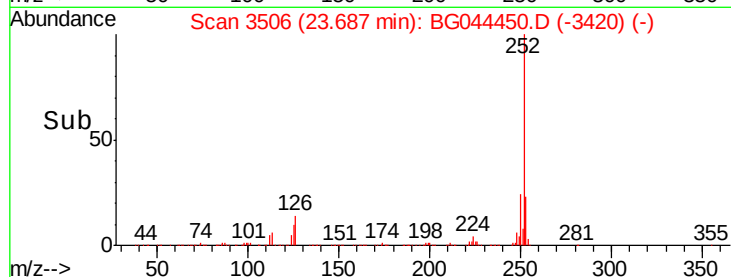
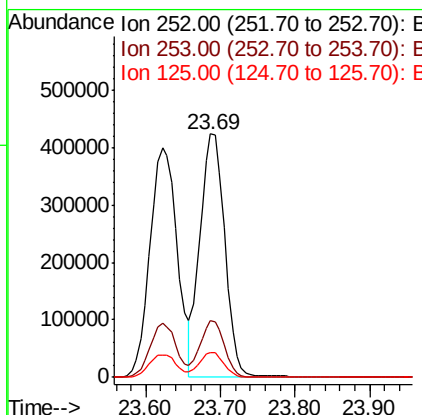
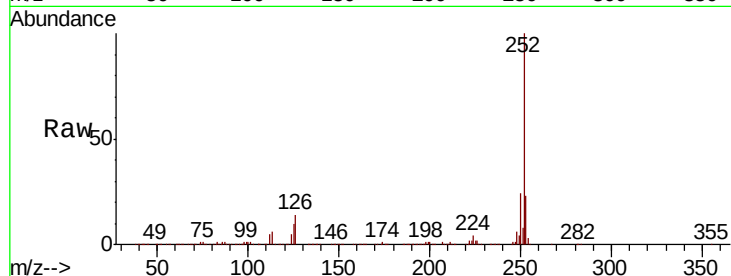




#89
Benzo(k)fluoranthene
Concen: 42.245 ng
RT: 23.69 min Scan# 3506
Delta R.T. -0.02 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

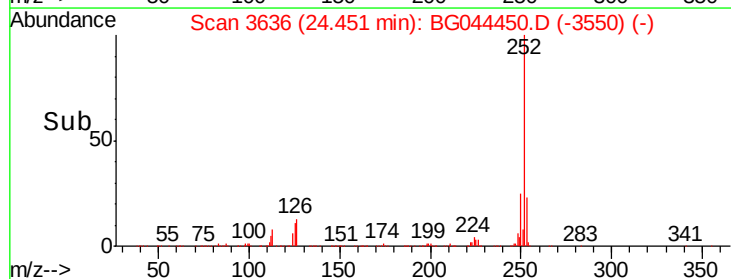
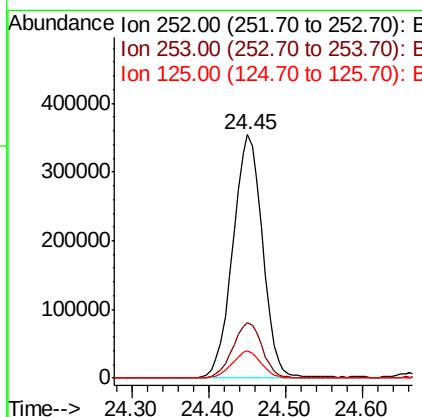
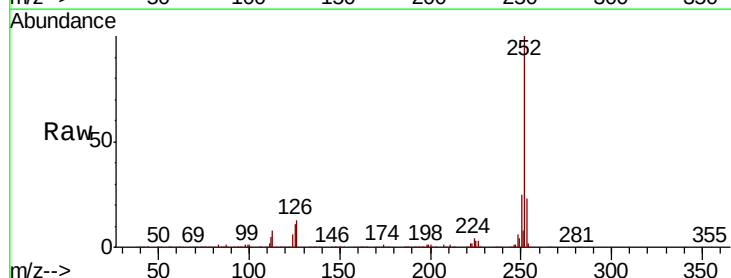
Instrument :
BNA_G
ClientSampled :

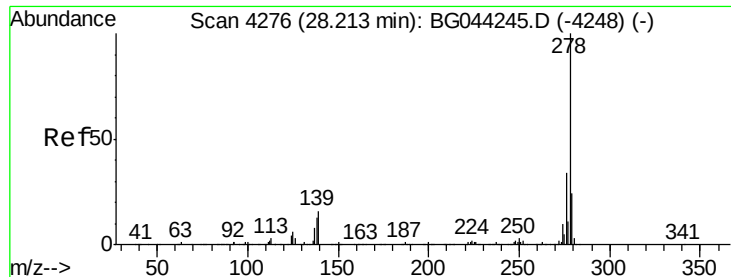
Tot Ion:252 Resp: 979410
Ion Ratio Lower Upper
252 100
253 23.2 19.1 28.7
125 10.3 8.6 12.8



#90
Benzo(a)pyrene
Concen: 42.465 ng
RT: 24.45 min Scan# 3636
Delta R.T. -0.02 min
Lab File: BG044450.D
Acq: 17 Feb 2020 17:01

Tgt Ion:252 Resp: 955066
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 11.1 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 42.723 ng

RT: 28.14 min Scan# 4264

Delta R.T. -0.04 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

Instrument :

BNA_G

ClientSampleId :

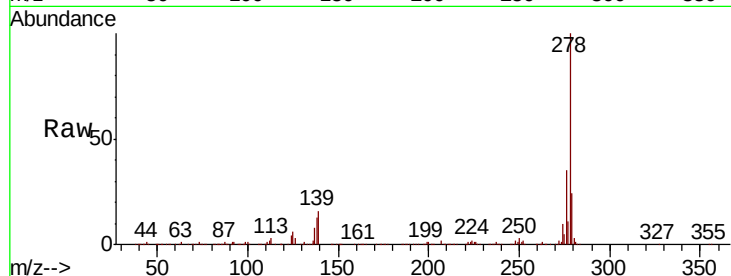
Tot Ion:278 Resp: 950938

Ion Ratio Lower Upper

278 100

139 15.6 12.7 19.1

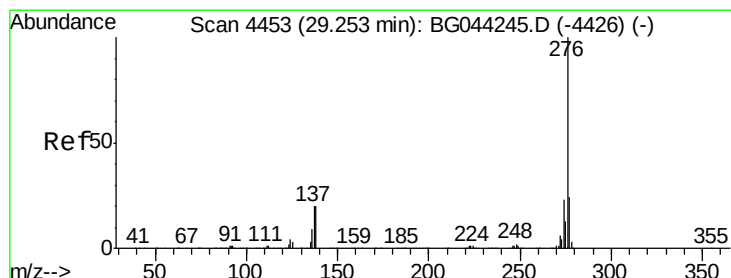
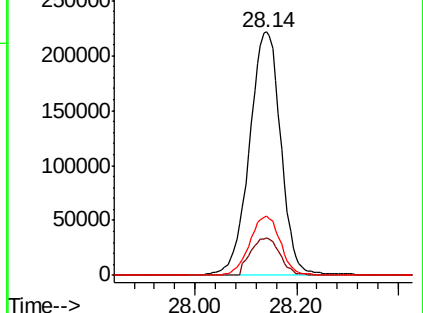
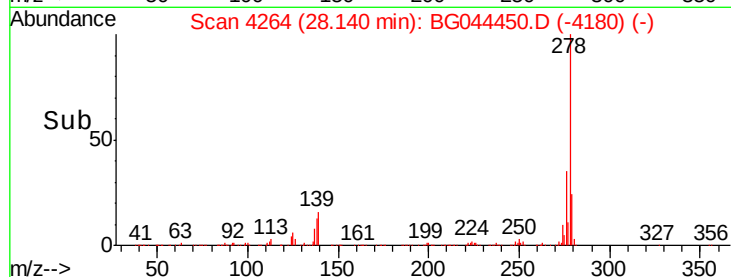
279 24.1 19.3 28.9



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: 42.308 ng

RT: 29.17 min Scan# 4439

Delta R.T. -0.04 min

Lab File: BG044450.D

Acq: 17 Feb 2020 17:01

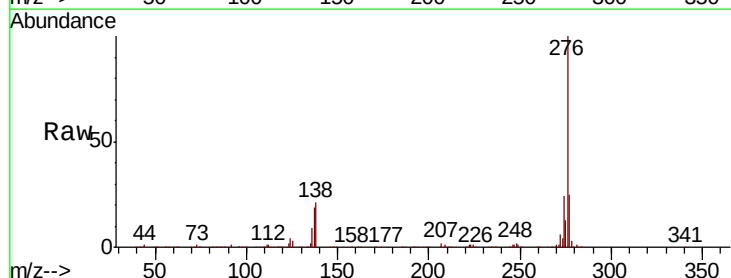
Tgt Ion:276 Resp: 942710

Ion Ratio Lower Upper

276 100

277 24.6 18.8 28.2

138 20.6 16.2 24.2



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

