

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044502.D
 Acq On : 19 Feb 2020 23:21
 Operator : CG/JU
 Sample : L1575-07MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-A-DMS

Quant Time: Feb 20 08:11:23 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	61785	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	247450	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	160803	20.00	ng	-0.01
64) Phenanthrene-d10	17.27	188	379089	20.00	ng	-0.02
76) Chrysene-d12	21.52	240	382636	20.00	ng	-0.01
87) Perylene-d12	24.60	264	413898	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	445381	127.22	ng	0.00
7) Phenol-d6	7.07	99	581390	123.67	ng	0.00
23) Nitrobenzene-d5	9.05	82	343990	78.48	ng	-0.01
42) 2,4,6-Tribromophenol	16.02	330	257743	136.54	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	774921	80.70	ng	-0.01
79) Terphenyl-d14	19.89	244	1356894	72.94	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	67607	42.982	ng	98
3) Pyridine	3.74	79	175369	41.848	ng	99
4) n-Nitrosodimethylamine	3.66	42	84701	48.369	ng	99
6) Aniline	7.21	93	141511	24.251	ng	99
8) 2-Chlorophenol	7.46	128	203321	52.844	ng	99
9) Benzaldehyde	7.02	77	85462	31.919	ng	96
10) Phenol	7.09	94	248048	53.314	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	184220	46.314	ng	96
12) 1,3-Dichlorobenzene	7.78	146	216986	47.234	ng	99
13) 1,4-Dichlorobenzene	7.93	146	217528	47.809	ng	99
14) 1,2-Dichlorobenzene	8.24	146	205847	47.865	ng	98
15) Benzyl Alcohol	8.13	79	165035	49.585	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.42	45	236867	43.997	ng	98
17) 2-Methylphenol	8.34	107	165722	49.924	ng	99
18) Hexachloroethane	8.97	117	79153	46.360	ng	96
19) n-Nitroso-di-n-propylamine	8.70	70	139921	44.659	ng	99
20) 3+4-Methylphenols	8.67	107	229107	50.080	ng	98
22) Acetophenone	8.71	105	268142	44.544	ng	# 99
24) Nitrobenzene	9.09	77	202470	47.318	ng	99
25) Isophorone	9.61	82	392572	48.054	ng	100
26) 2-Nitrophenol	9.80	139	116627	52.528	ng	99
27) 2,4-Dimethylphenol	9.87	122	186637	59.549	ng	98
28) bis(2-Chloroethoxy)methane	10.10	93	242850	44.561	ng	99
29) 2,4-Dichlorophenol	10.35	162	197106	52.010	ng	99
30) 1,2,4-Trichlorobenzene	10.56	180	202438	46.586	ng	100
31) Naphthalene	10.74	128	580620	48.363	ng	100
33) 4-Chloroaniline	10.85	127	116054	21.255	ng	99
34) Hexachlorobutadiene	11.03	225	119884	44.835	ng	97
35) Caprolactam	11.62	113	87651	63.138	ng	94
36) 4-Chloro-3-methylphenol	11.99	107	212873	53.575	ng	99
37) 2-Methylnaphthalene	12.35	142	428510	48.073	ng	100
38) 1-Methylnaphthalene	12.57	142	405530	48.255	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	214430	44.579	ng	99
41) Hexachlorocyclopentadiene	12.71	237	226723	98.231	ng	99

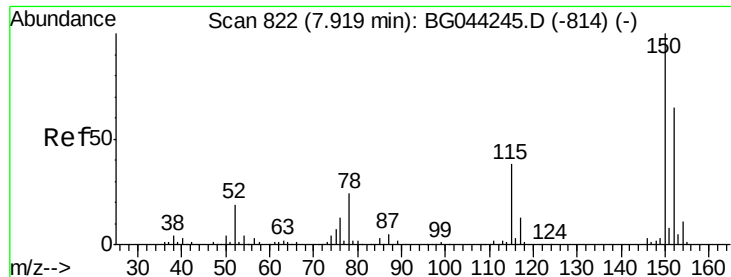
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.97	196	162181	52.162	ng	98
44) 2,4,5-Trichlorophenol	13.04	196	177479	55.887	ng	98
46) 1,1'-Biphenyl	13.36	154	545401	47.022	ng	99
47) 2-Chloronaphthalene	13.40	162	426368	46.195	ng	99
48) 2-Nitroaniline	13.61	65	130587	47.941	ng	99
49) Acenaphthylene	14.25	152	689590	50.939	ng	99
50) Dimethylphthalate	13.99	163	589963	51.039	ng	99
51) 2,6-Dinitrotoluene	14.10	165	128878	50.006	ng	99
52) Acenaphthene	14.59	154	417455	47.575	ng	99
53) 3-Nitroaniline	14.43	138	69049	24.216	ng	99
54) 2,4-Dinitrophenol	14.65	184	57777	41.852	ng	99
55) Dibenzofuran	14.93	168	660879	49.745	ng	99
56) 4-Nitrophenol	14.76	139	247899	118.690	ng	98
57) 2,4-Dinitrotoluene	14.89	165	181936	50.367	ng	99
58) Fluorene	15.58	166	530190	50.668	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	171744	59.873	ng	98
60) Diethylphthalate	15.35	149	577584	50.148	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	275598	48.575	ng	98
62) 4-Nitroaniline	15.60	138	141800	49.769	ng	99
63) Azobenzene	15.86	77	508907	50.415	ng	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	92984	44.435	ng	99
66) n-Nitrosodiphenylamine	15.79	169	504418	47.480	ng	99
67) 4-Bromophenyl-phenylether	16.47	248	188645	45.675	ng	97
68) Hexachlorobenzene	16.59	284	205555	44.424	ng	99
69) Atrazine	16.74	200	205655	56.478	ng	98
70) Pentachlorophenol	16.93	266	163525	70.284	ng	98
71) Phenanthrene	17.32	178	894619	48.735	ng	99
72) Anthracene	17.41	178	925701	51.007	ng	98
73) Carbazole	17.68	167	861859	51.513	ng	99
74) Di-n-butylphthalate	18.24	149	1060047	51.271	ng	99
75) Fluoranthene	19.33	202	1109278	52.237	ng	99
77) Benzidine	19.51	184	394681	37.187	ng	98
78) Pyrene	19.69	202	1110949	45.210	ng	98
80) Butylbenzylphthalate	20.58	149	507447	45.315	ng	99
81) Benzo(a)anthracene	21.50	228	1098528	46.583	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	224645	24.545	ng	99
83) Chrysene	21.57	228	1057646	46.399	ng	99
84) Bis(2-ethylhexyl)phthalate	21.42	149	713639	46.300	ng	100
85) Di-n-octyl phthalate	22.58	149	1263151	47.365	ng	99
86) Indeno(1,2,3-cd)pyrene	28.10	276	1383363	46.517	ng	100
88) Benzo(b)fluoranthene	23.63	252	1166466	48.908	ng	99
89) Benzo(k)fluoranthene	23.70	252	1155659	49.716	ng	99
90) Benzo(a)pyrene	24.46	252	1089760	48.326	ng	99
91) Dibenzo(a,h)anthracene	28.15	278	1141898	51.167	ng	99
92) Benzo(g,h,i)perylene	29.18	276	1167603	52.263	ng	97

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

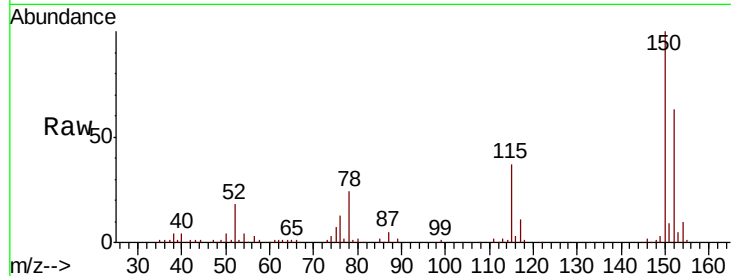


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Instrument :
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 TP-A-DMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	122.6	183.8
115	59.3	46.0	69.0

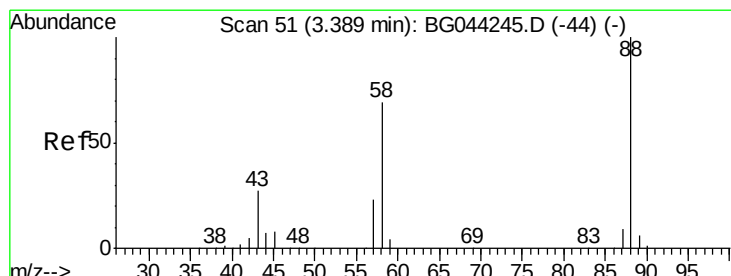
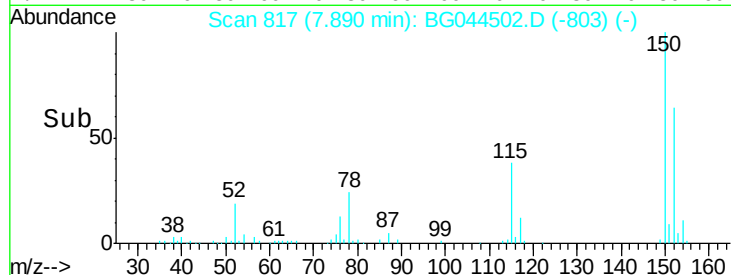
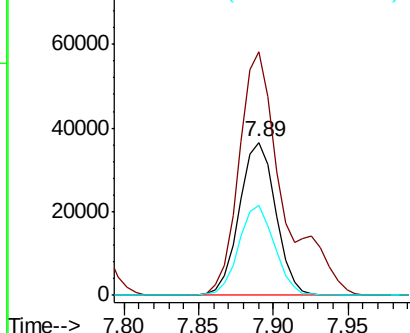


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

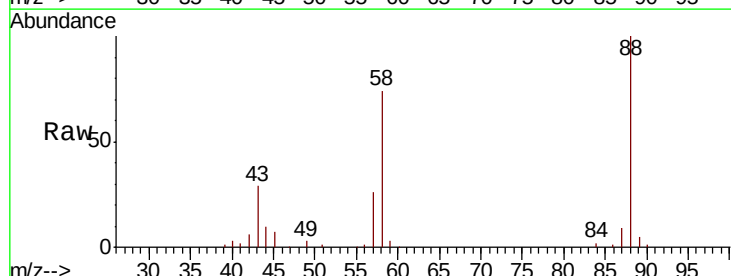
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 42.982 ng
 RT: 3.35 min Scan# 44
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	55.8	83.6
43	25.1	21.6	32.4

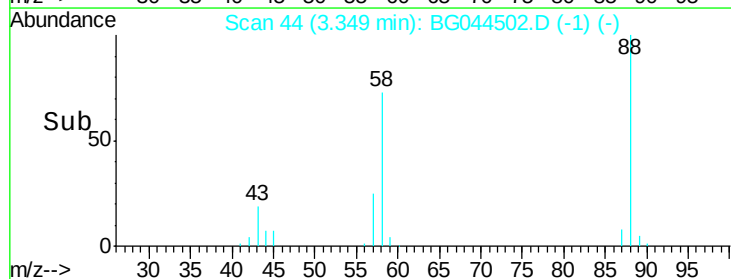
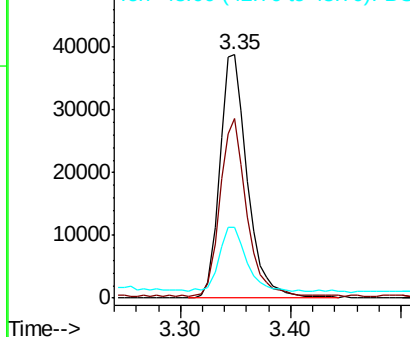


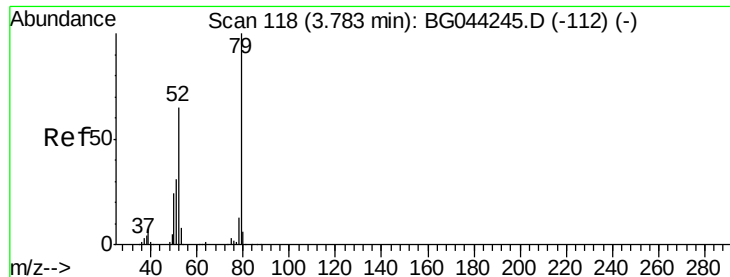
Abundance

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: 41.848 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

TP-A-DMS

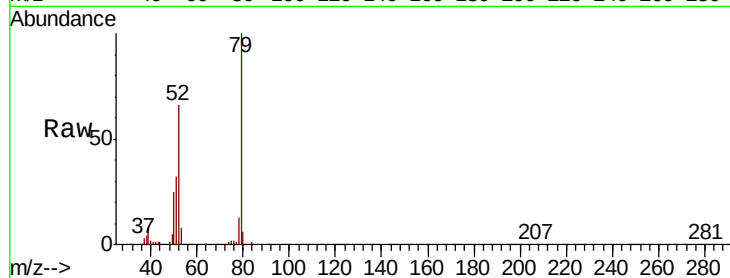
Tot Ion: 79 Resp: 175369

Ion Ratio Lower Upper

79 100

52 65.8 51.9 77.9

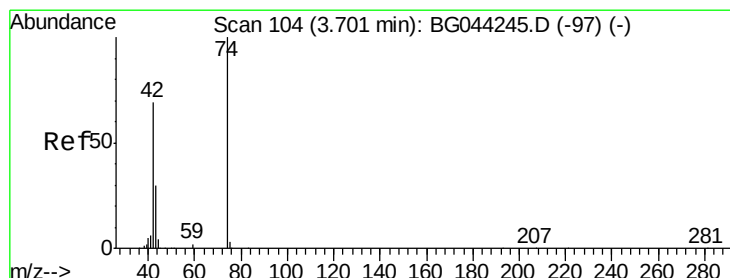
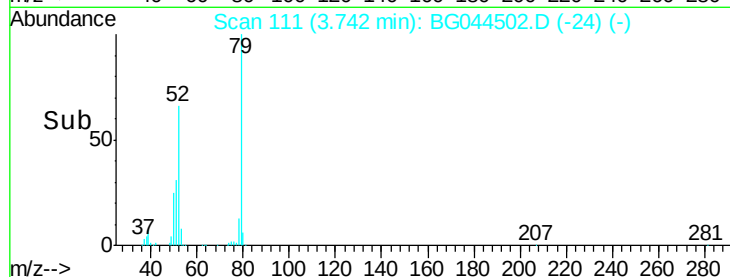
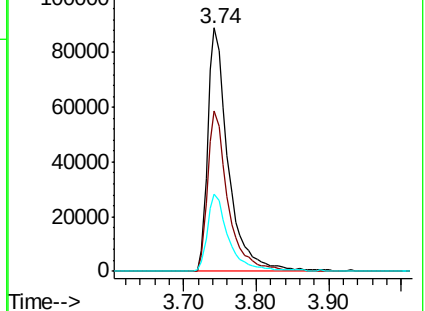
51 31.9 25.3 37.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 48.369 ng

RT: 3.66 min Scan# 97

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

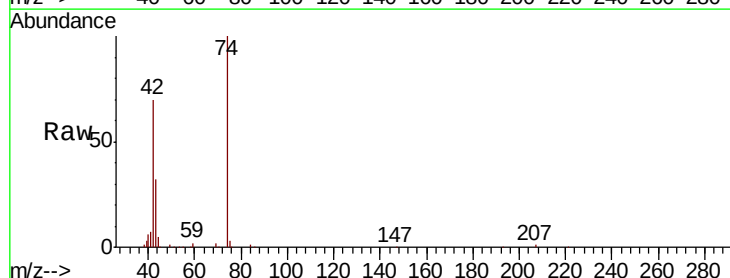
Tgt Ion: 42 Resp: 84701

Ion Ratio Lower Upper

42 100

74 142.6 115.1 172.7

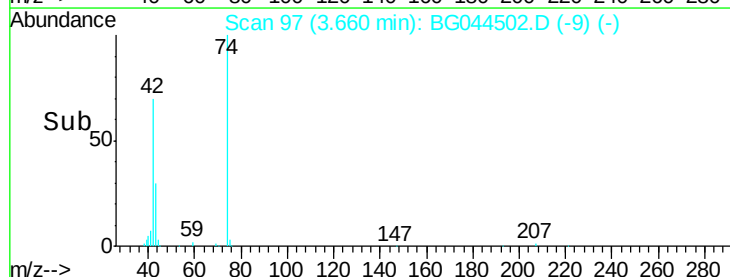
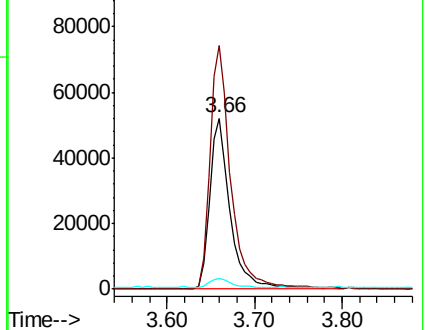
44 6.6 5.6 8.4

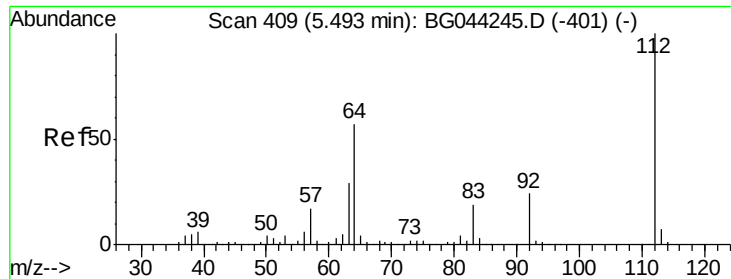


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 127.220 ng

RT: 5.47 min Scan# 405

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

TP-A-DMS

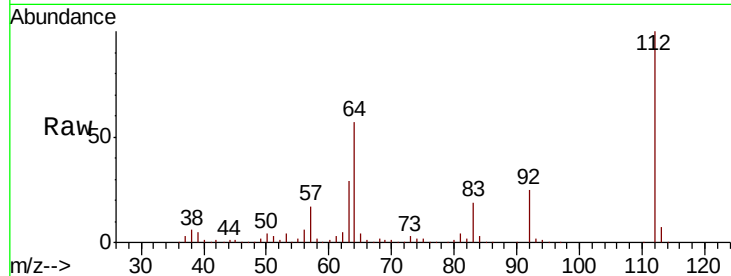
Tot Ion:112 Resp: 445381

Ion Ratio Lower Upper

112 100

64 57.0 45.4 68.2

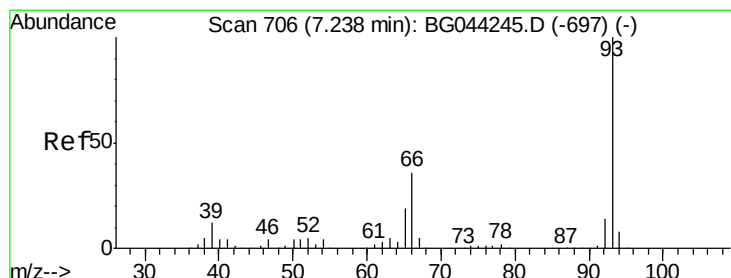
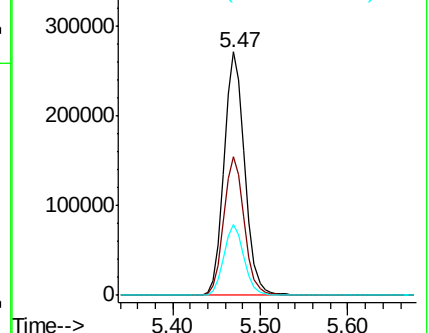
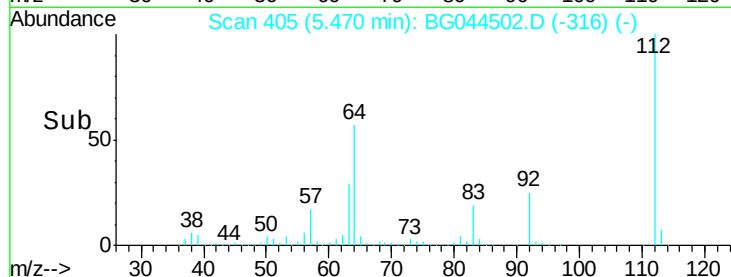
63 29.2 22.9 34.3



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: 24.251 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

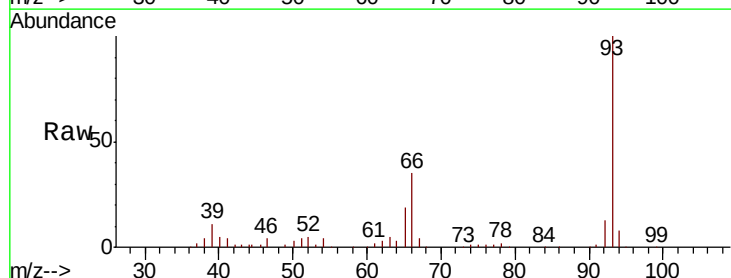
Tgt Ion: 93 Resp: 141511

Ion Ratio Lower Upper

93 100

66 35.1 28.7 43.1

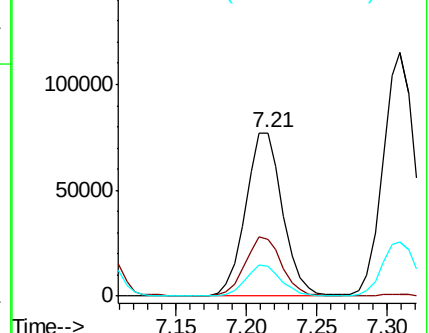
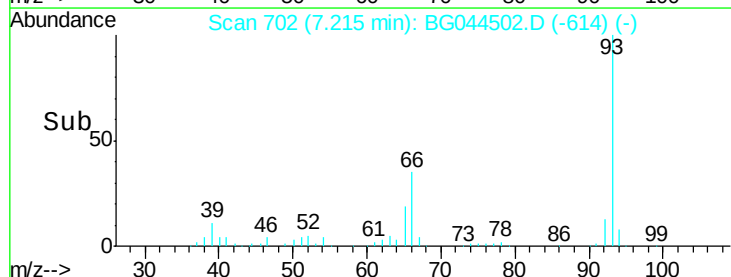
65 18.7 15.4 23.0

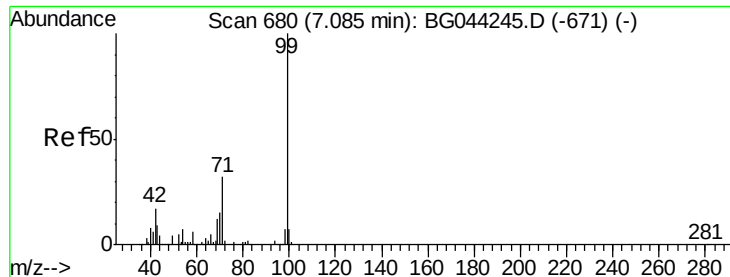


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.670 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

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ClientSampleId :

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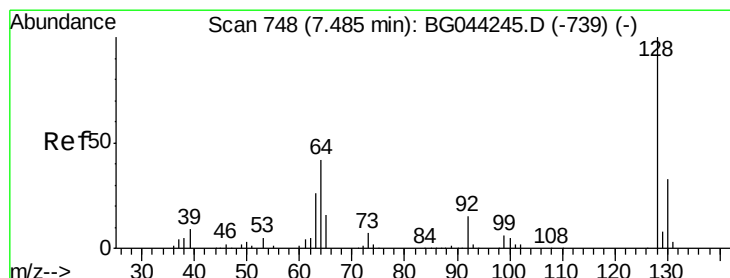
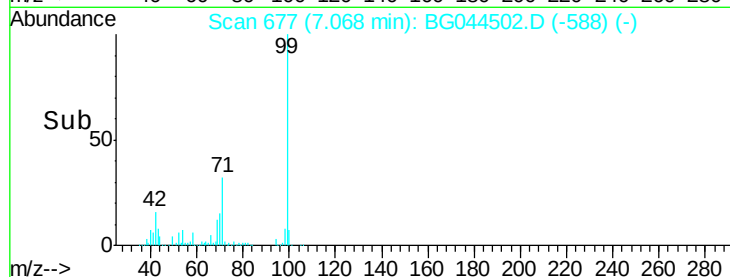
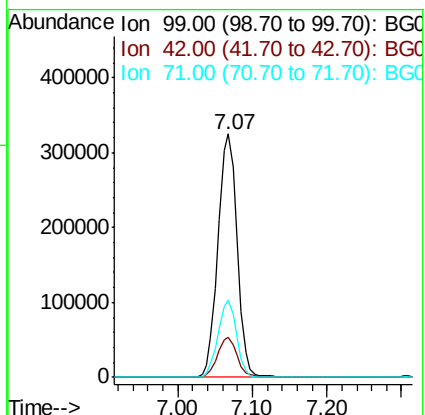
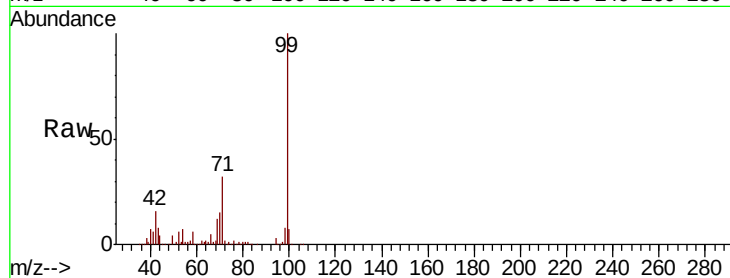
Tot Ion: 99 Resp: 581390

Ion Ratio Lower Upper

99 100

42 16.4 13.8 20.6

71 31.5 25.5 38.3



#8

2-Chlorophenol

Concen: 52.844 ng

RT: 7.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

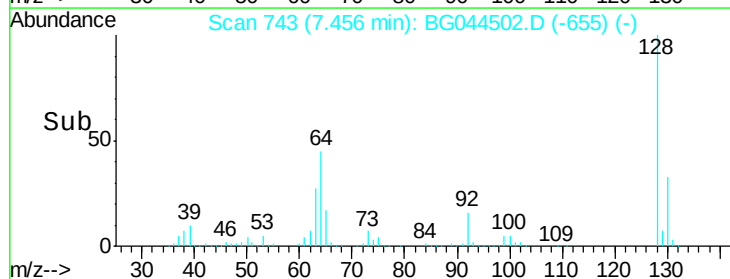
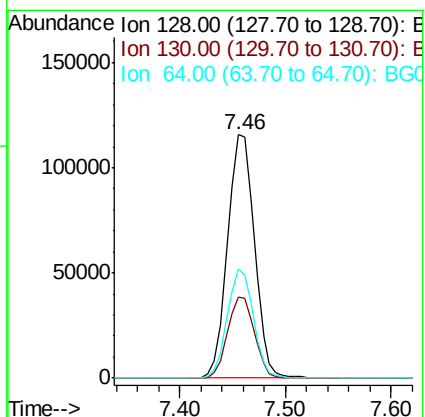
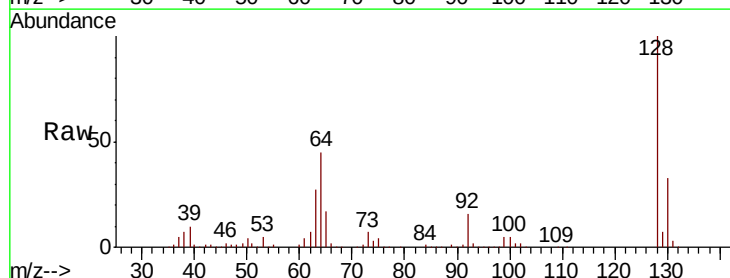
Tgt Ion: 128 Resp: 203321

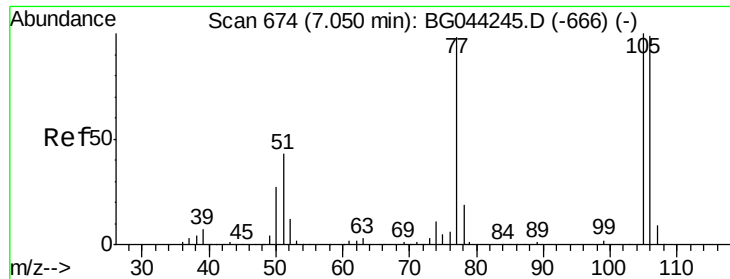
Ion Ratio Lower Upper

128 100

130 33.1 12.5 52.5

64 44.7 24.2 64.2





#9

Benzaldehyde

Concen: 31.919 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

TP-A-DMS

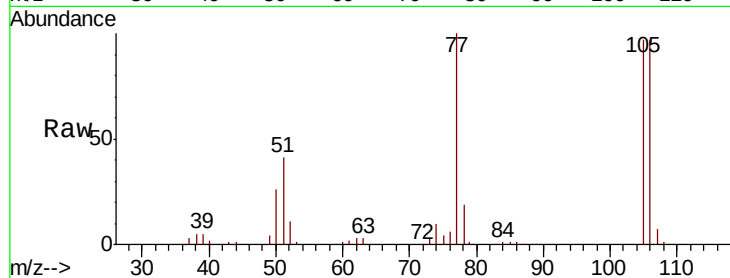
Tot Ion: 77 Resp: 85462

Ion Ratio Lower Upper

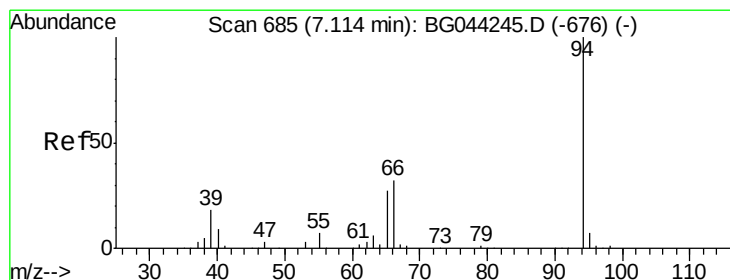
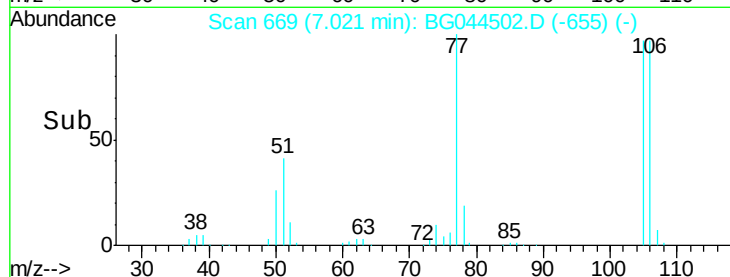
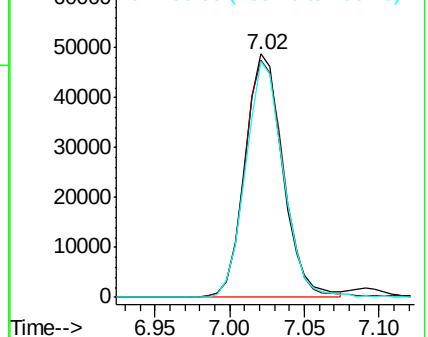
77 100

105 97.3 82.0 122.0

106 96.7 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: 53.314 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

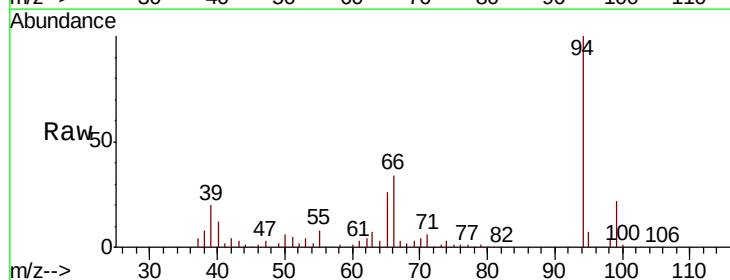
Tgt Ion: 94 Resp: 248048

Ion Ratio Lower Upper

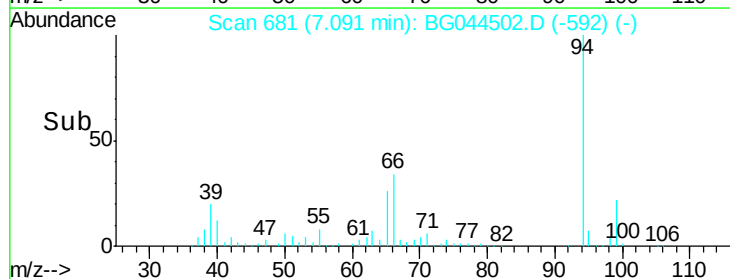
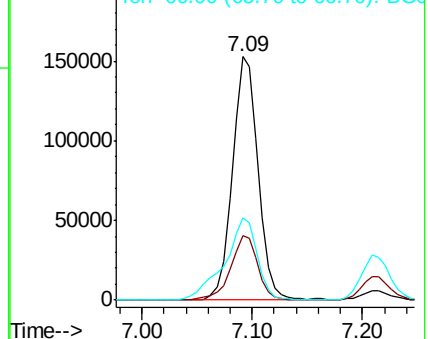
94 100

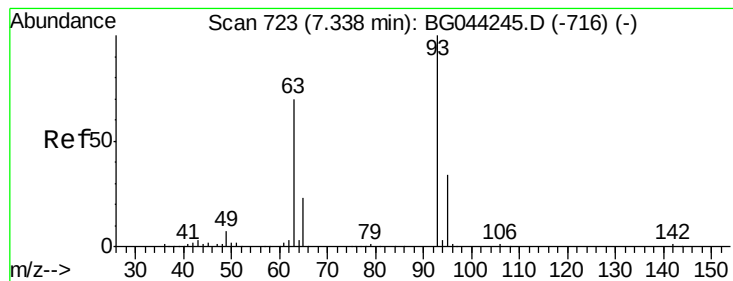
65 26.4 7.0 47.0

66 33.7 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: 46.314 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

TP-A-DMS

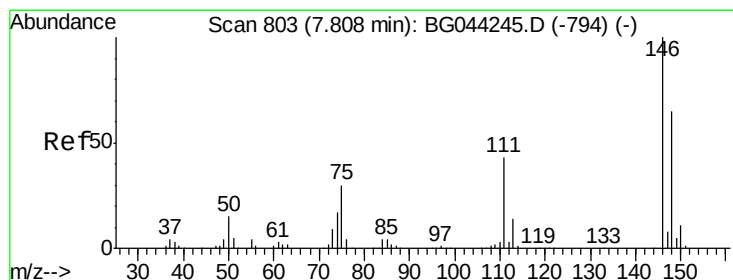
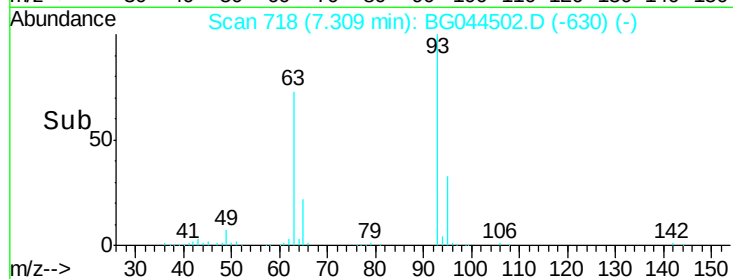
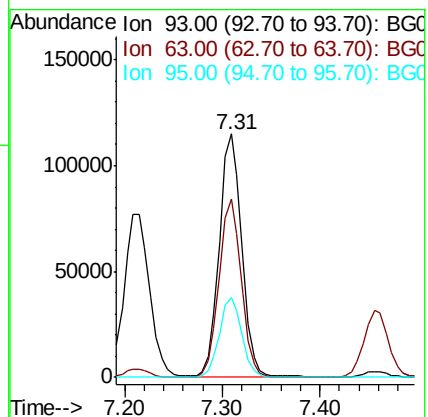
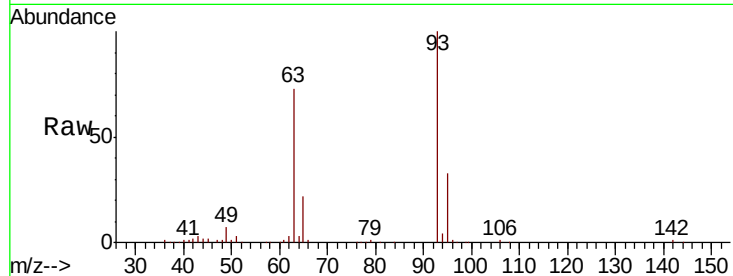
Tot Ion: 93 Resp: 184220

Ion Ratio Lower Upper

93 100

63 73.4 49.2 89.2

95 32.6 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 47.234 ng

RT: 7.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

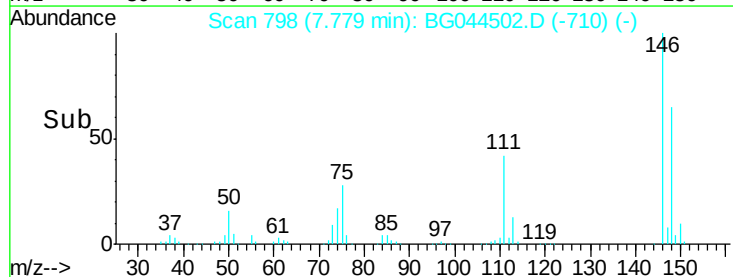
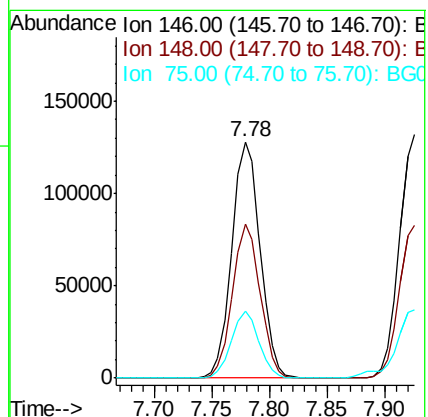
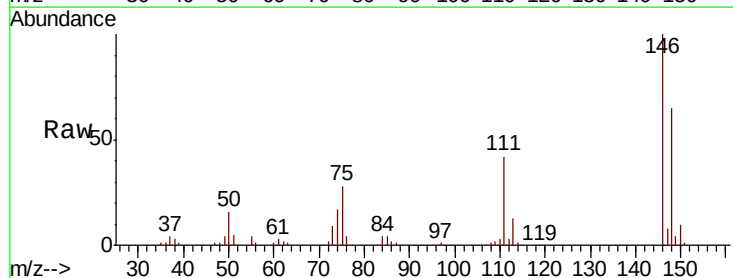
Tgt Ion: 146 Resp: 216986

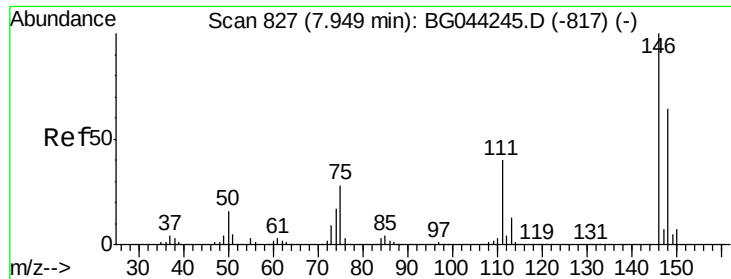
Ion Ratio Lower Upper

146 100

148 65.3 51.8 77.8

75 28.3 23.7 35.5

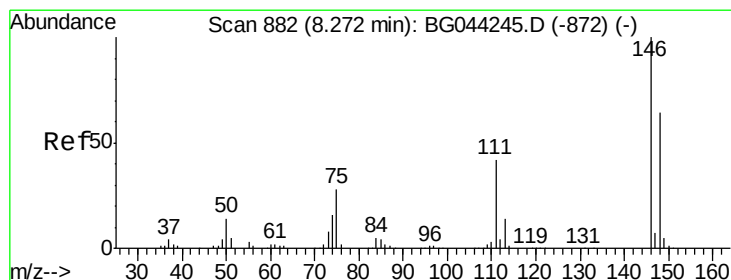
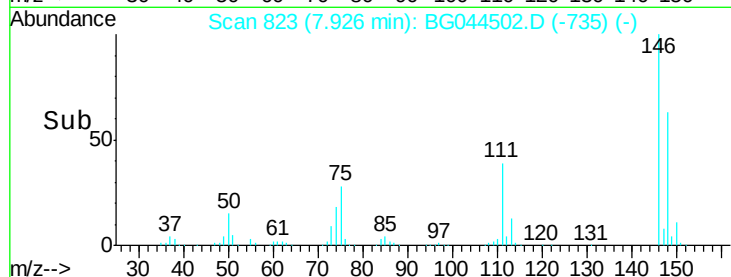
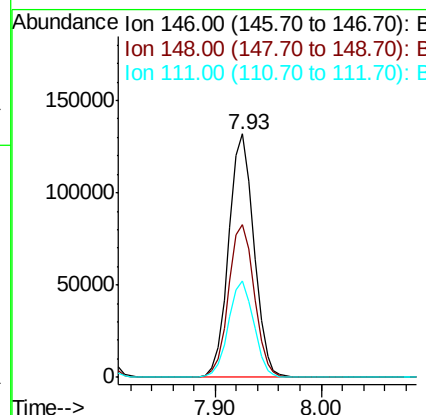
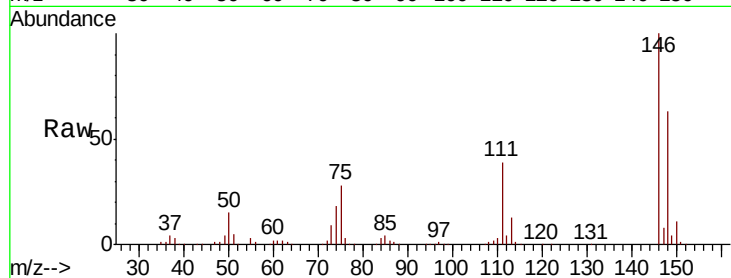




#13
 1,4-Dichlorobenzene
 Concen: 47.809 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

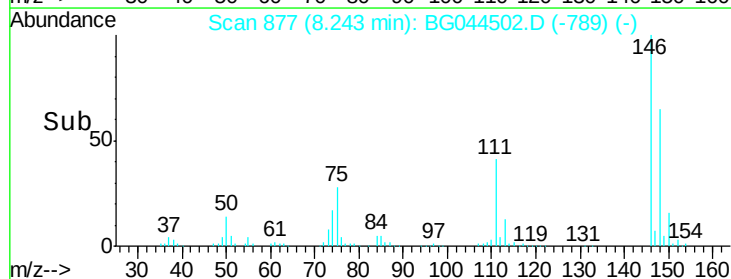
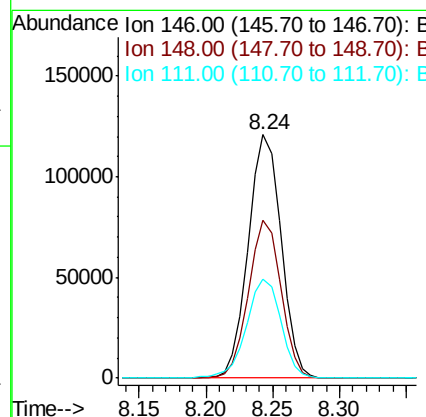
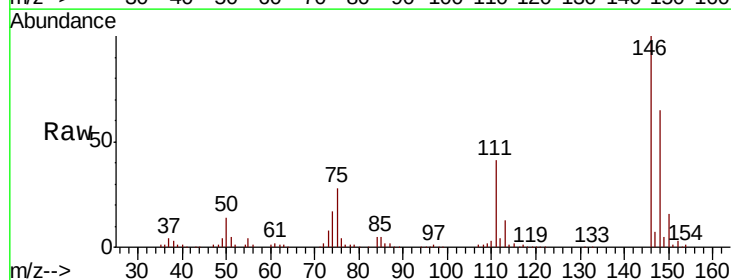
Instrument :
 BNA_G
 ClientSampleId :
 TP-A-DMS

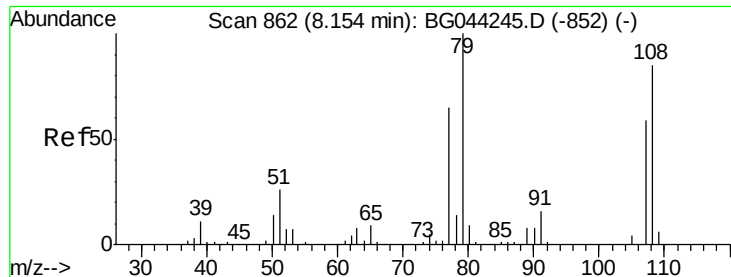
Tot Ion:146 Resp: 217528
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.4 77.0
 111 39.4 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 47.865 ng
 RT: 8.24 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Tgt Ion:146 Resp: 205847
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.2 76.8
 111 40.8 34.0 51.0

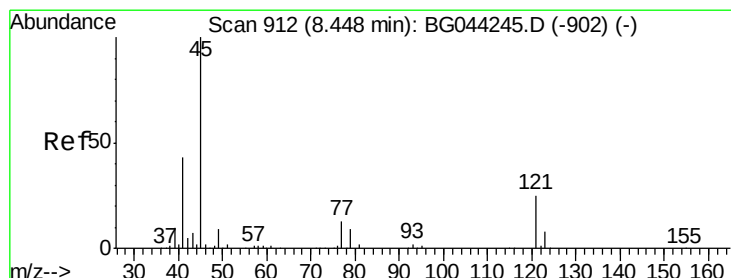
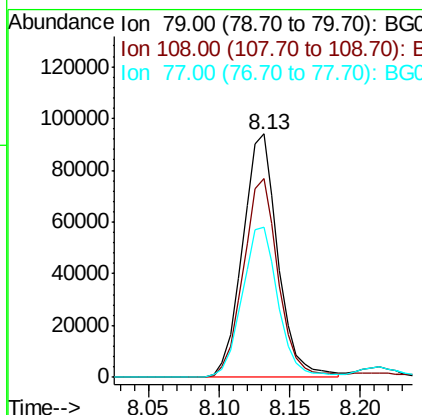
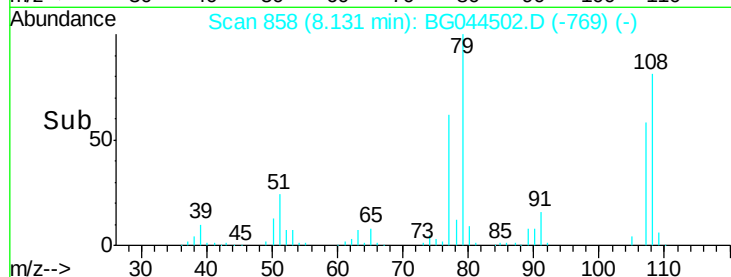
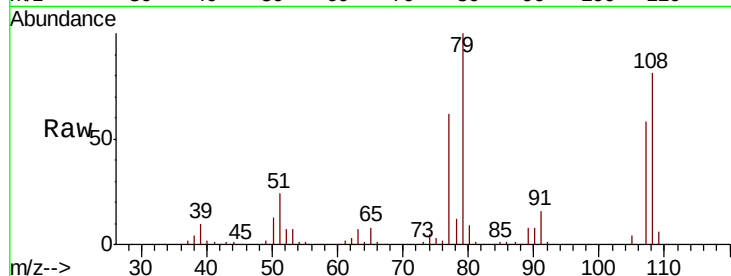




#15
Benzyl Alcohol
Concen: 49.585 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

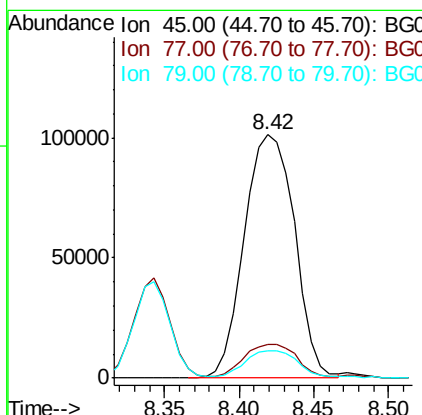
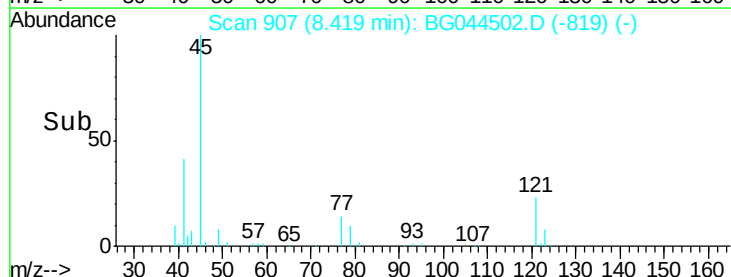
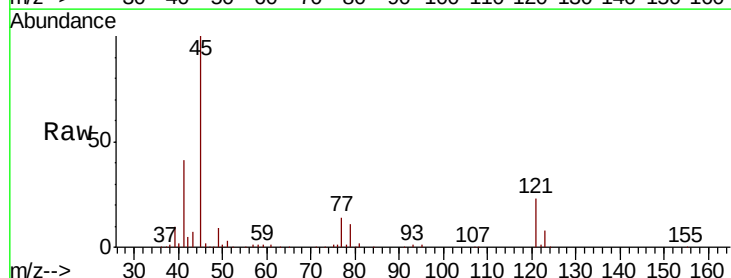
Instrument :
BNA_G
ClientSampleId :
TP-A-DMS

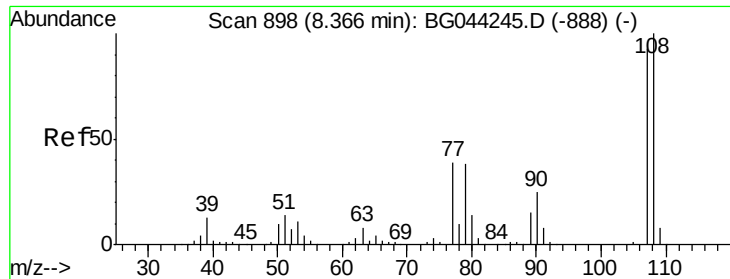
Tot Ion: 79 Resp: 165035
Ion Ratio Lower Upper
79 100
108 81.4 68.3 102.5
77 61.6 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.997 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion: 45 Resp: 236867
Ion Ratio Lower Upper
45 100
77 14.1 0.0 35.2
79 11.0 0.0 31.1





#17

2-Methylphenol

Concen: 49.924 ng

RT: 8.34 min Scan# 894

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

TP-A-DMS

Tot Ion:107 Resp: 165722

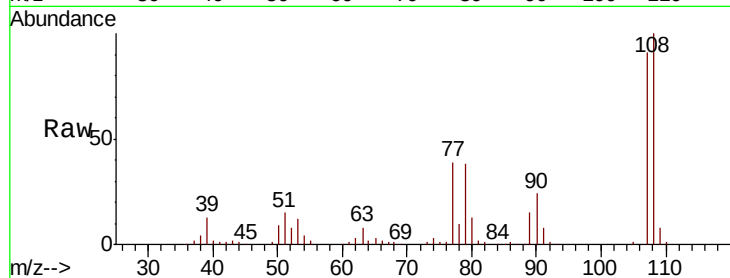
Ion Ratio Lower Upper

107 100

108 109.4 86.4 129.6

77 43.0 34.0 51.0

79 41.5 32.9 49.3

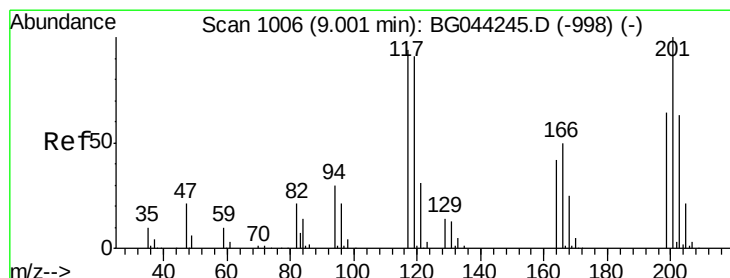
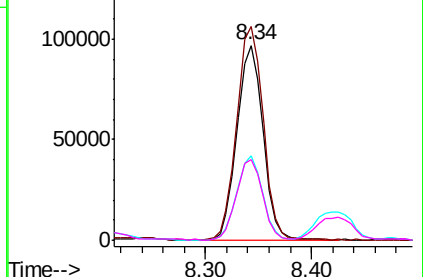
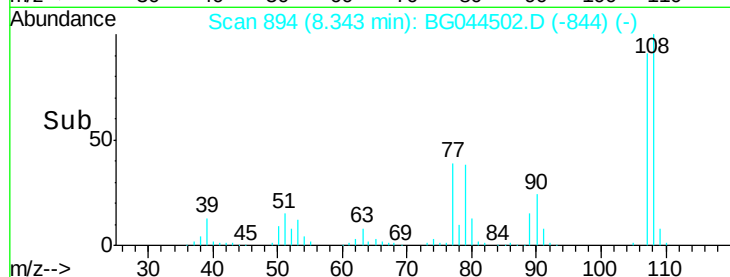


Abundance Ion 107.00 (106.70 to 107.70): E

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: 46.360 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

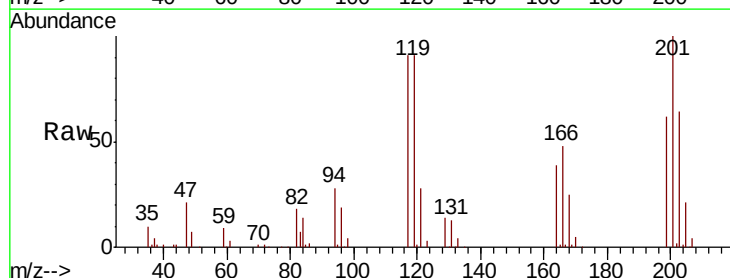
Tgt Ion:117 Resp: 79153

Ion Ratio Lower Upper

117 100

119 100.8 77.5 116.3

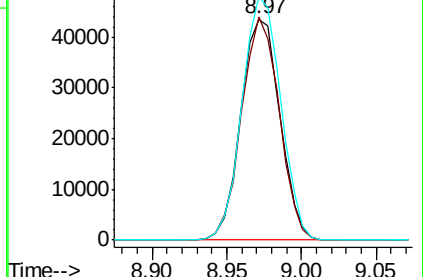
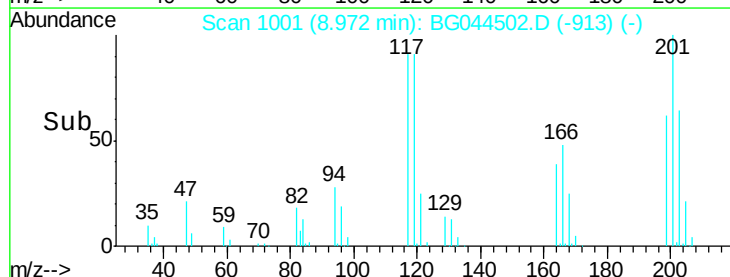
201 110.2 84.9 127.3

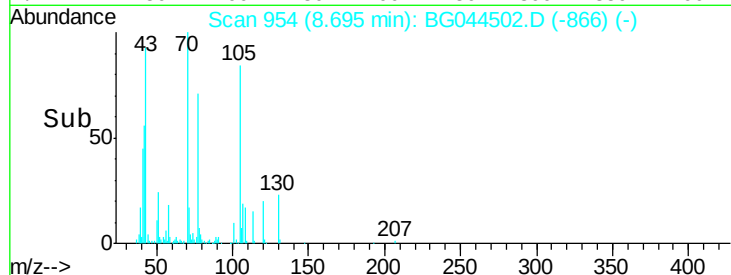
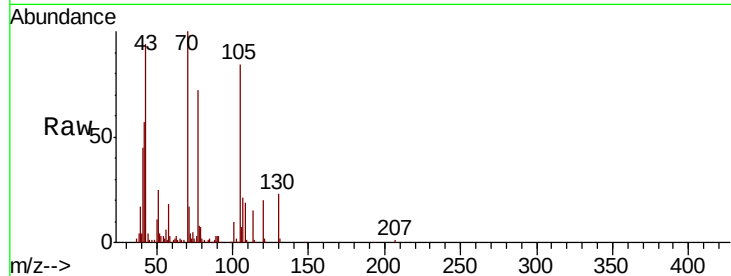
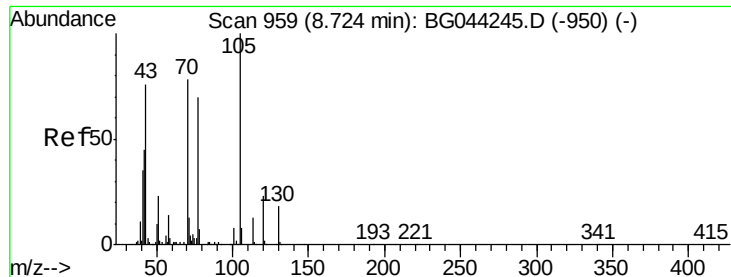


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

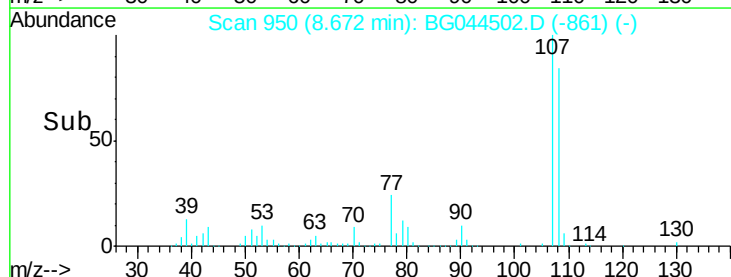
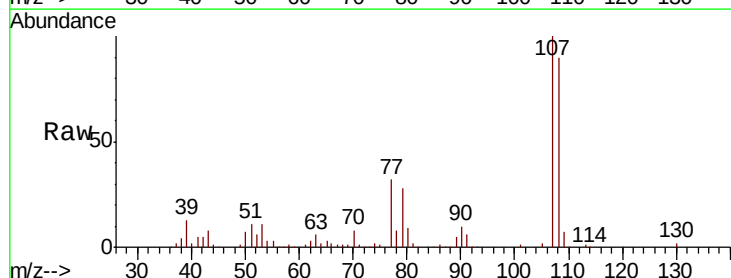
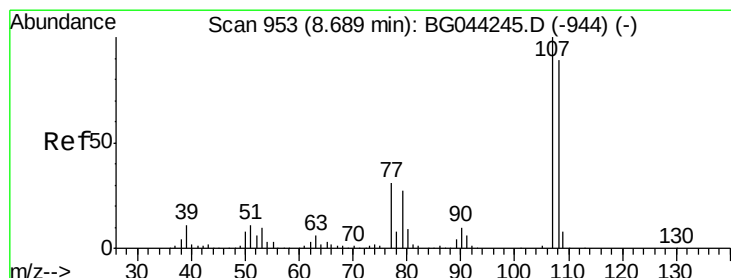
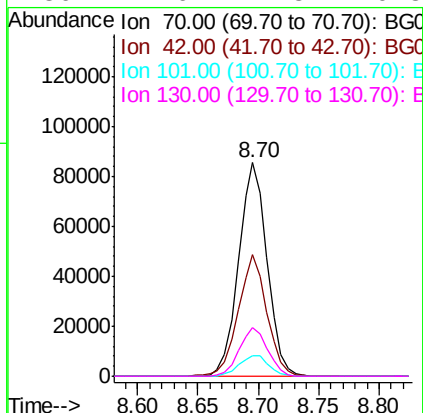




#19
n-Nitroso-di-n-propylamine
Concen: 44.659 ng
RT: 8.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

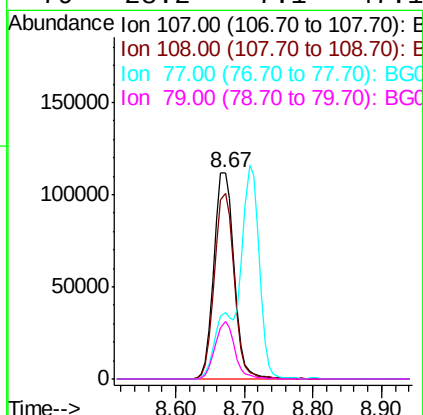
Instrument :
BNA_G
ClientSampleId :
TP-A-DMS

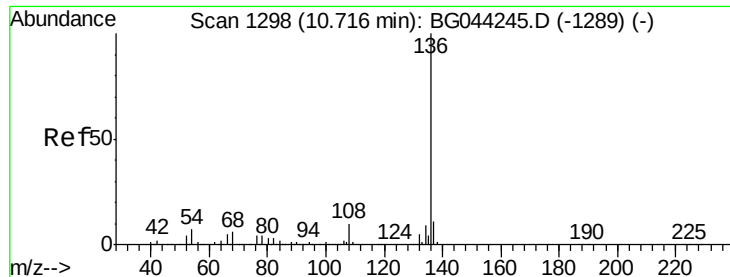
Tot Ion:	70	Resp:	139921
Ion	Ratio	Lower	Upper
70	100		
42	56.7	46.2	69.2
101	9.7	8.4	12.6
130	22.6	17.8	26.8



#20
3+4-Methylphenols
Concen: 50.080 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion:	107	Resp:	229107
Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.5	108.5
77	32.5	10.9	50.9
79	28.2	7.1	47.1

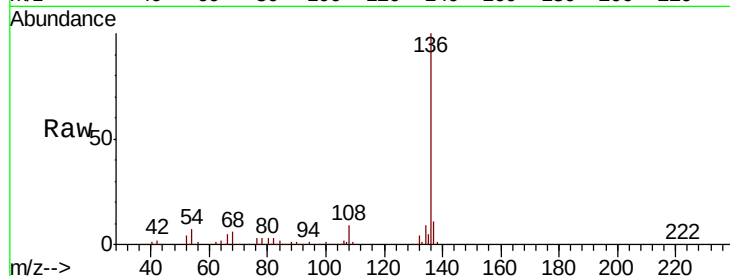




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Instrument :
BNA_G
ClientSampleId :
TP-A-DMS

Tot Ion:136	Resp:	247450
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.8	13.2
54 6.6	5.8	8.8
68 5.7	4.6	6.8



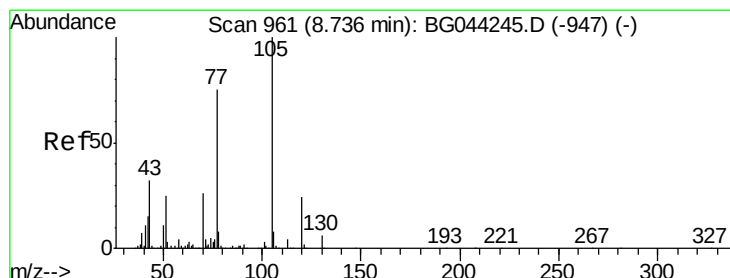
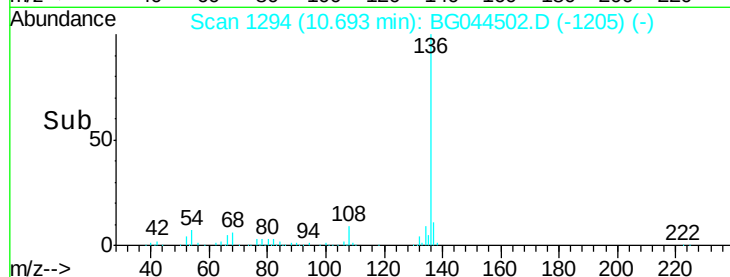
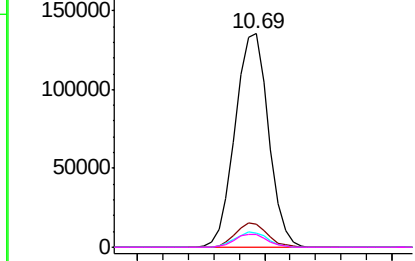
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

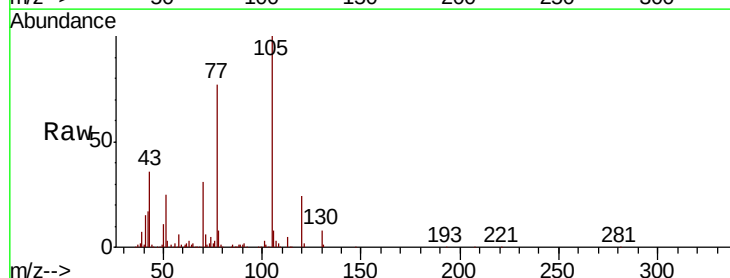
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 44.544 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt	Ion:105	Resp:	268142
Ion	Ratio	Lower	Upper
105	100		
71	5.6	3.4	5.0#
51	24.8	20.2	30.4
120	23.9	19.1	28.7



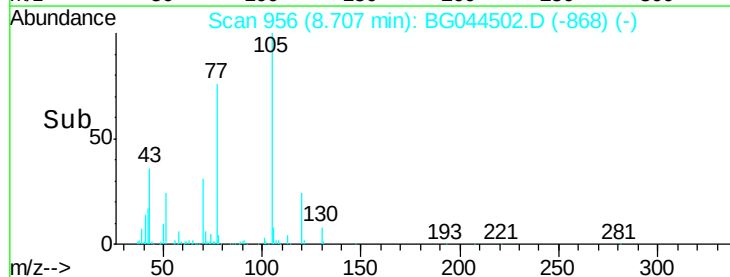
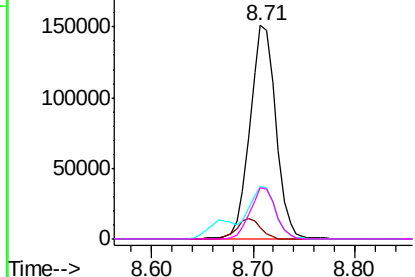
Abundance

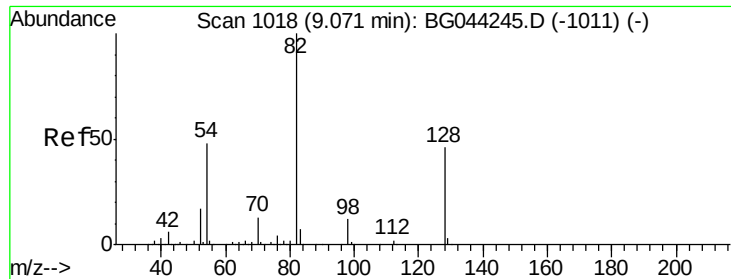
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

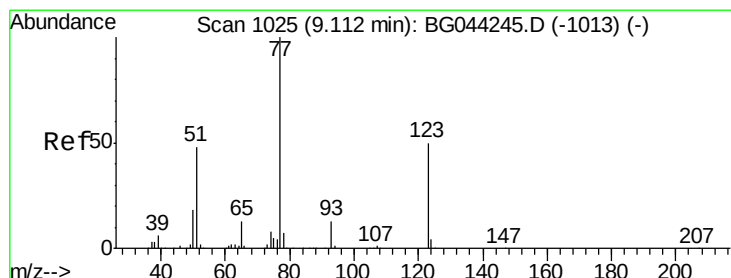
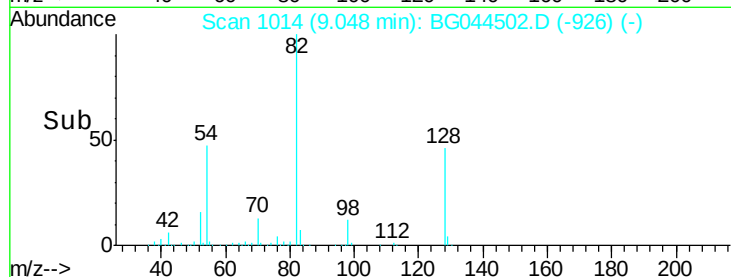
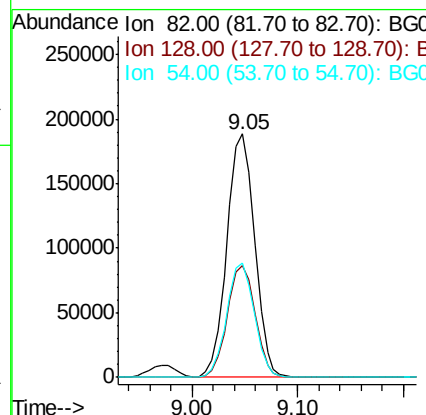
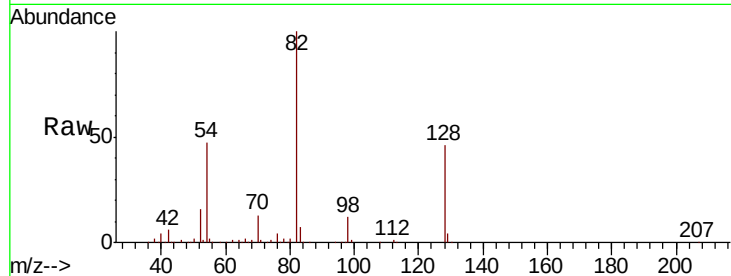




#23
 Nitrobenzene-d5
 Concen: 78.482 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

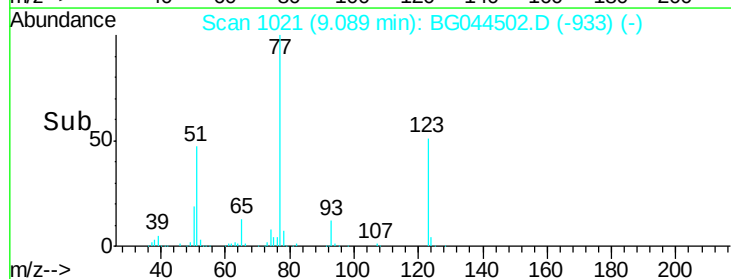
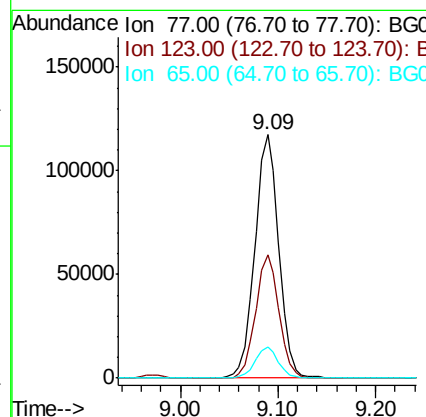
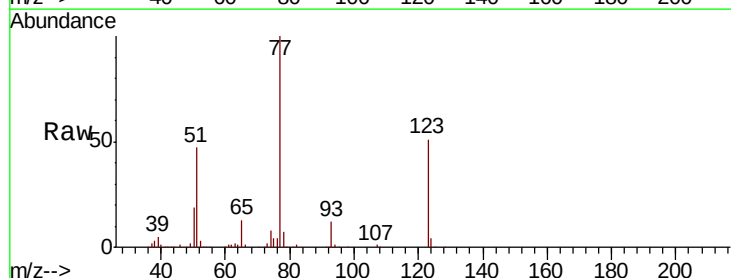
Instrument :
 BNA_G
 ClientSampleID :
 TP-A-DMS

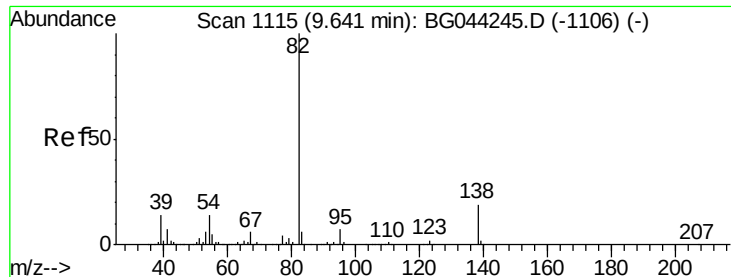
Tot Ion	82	Resp	343990
Ion Ratio	Lower	Upper	
82	100		
128	46.1	36.5	54.7
54	46.8	38.6	58.0



#24
 Nitrobenzene
 Concen: 47.318 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Tgt Ion	77	Resp	202470
Ion Ratio	Lower	Upper	
77	100		
123	50.6	39.9	59.9
65	12.6	10.4	15.6





#25

Isophorone

Concen: 48.054 ng

RT: 9.61 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

TP-A-DMS

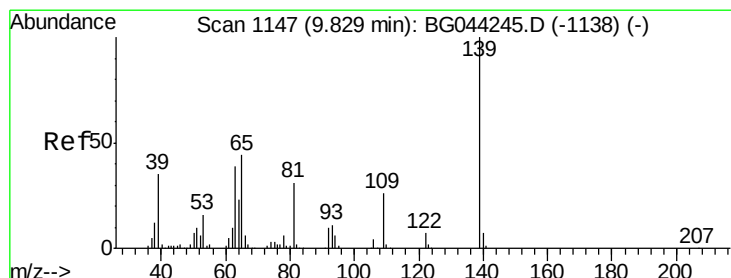
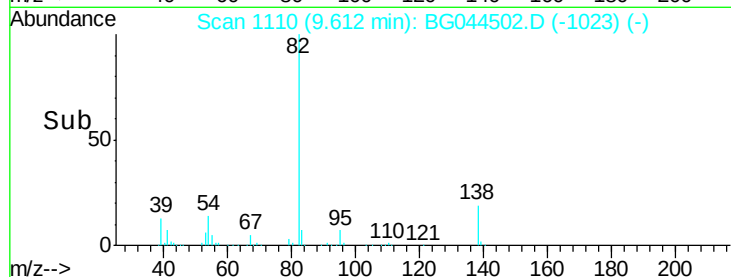
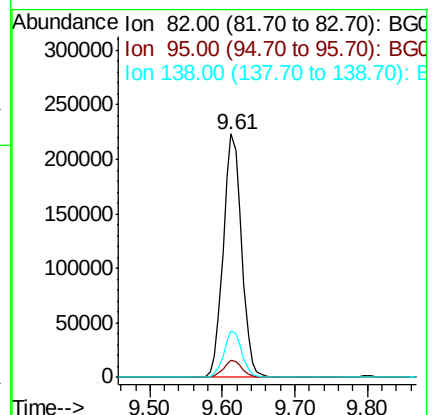
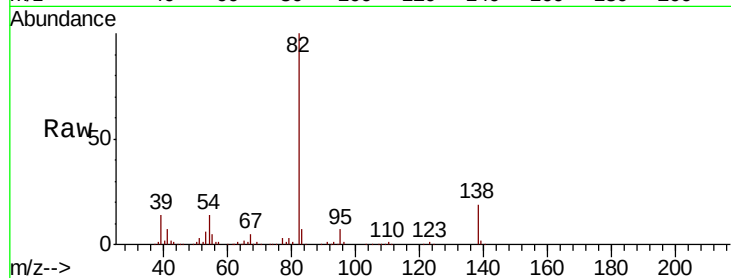
Tot Ion: 82 Resp: 392572

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

138 18.9 15.0 22.4



#26

2-Nitrophenol

Concen: 52.528 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

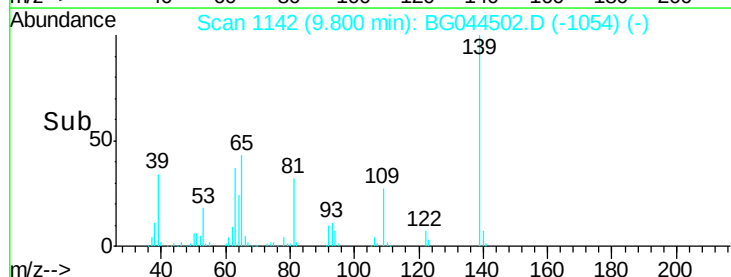
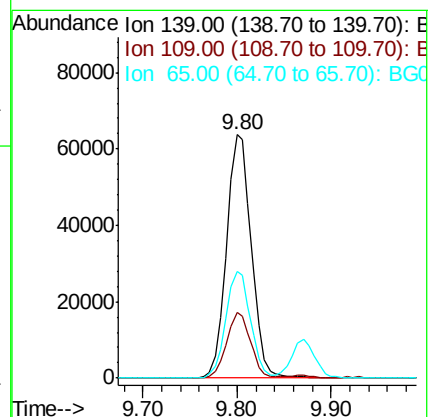
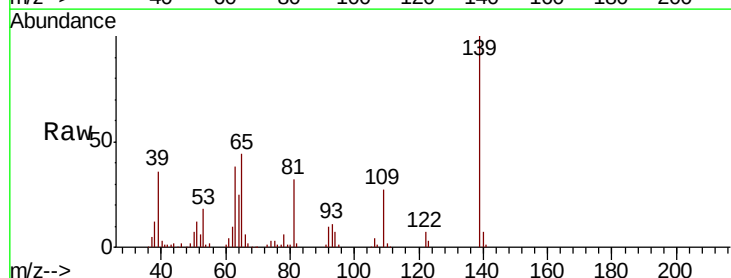
Tgt Ion: 139 Resp: 116627

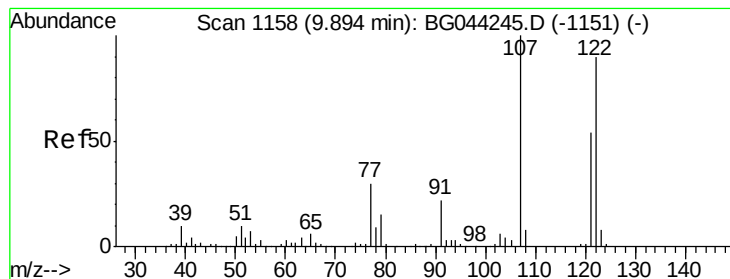
Ion Ratio Lower Upper

139 100

109 27.0 21.0 31.4

65 43.9 35.0 52.4





#27

2,4-Dimethylphenol

Concen: 59.549 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

TP-A-DMS

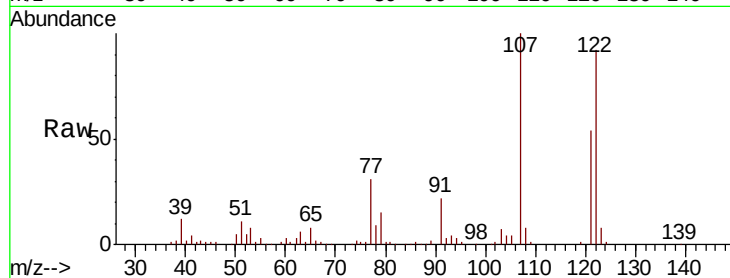
Tot Ion:122 Resp: 186637

Ion Ratio Lower Upper

122 100

107 109.2 88.8 133.2

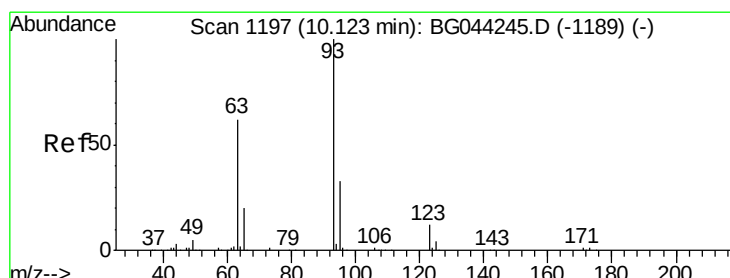
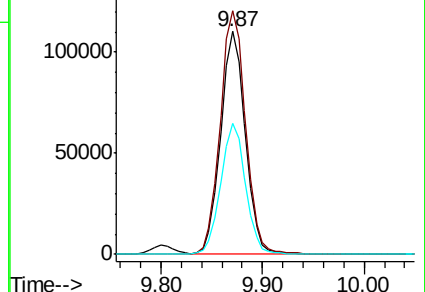
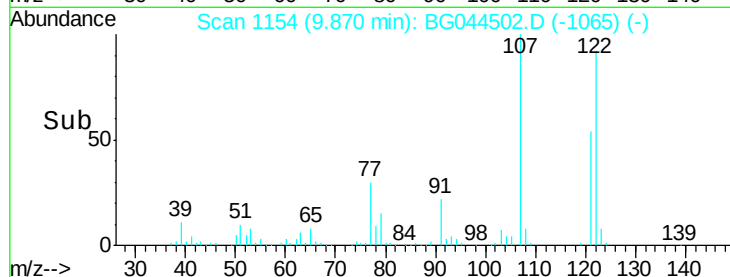
121 58.6 48.3 72.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.561 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

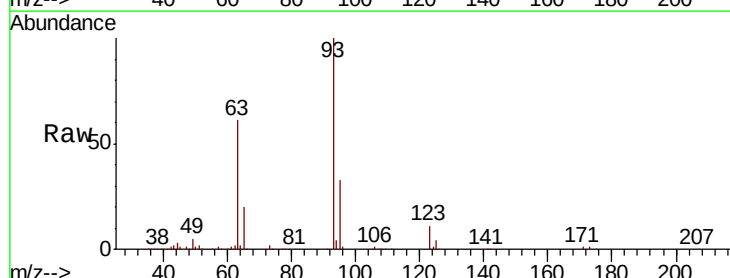
Tgt Ion: 93 Resp: 242850

Ion Ratio Lower Upper

93 100

95 33.3 26.6 40.0

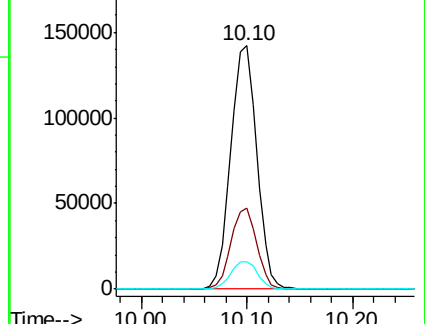
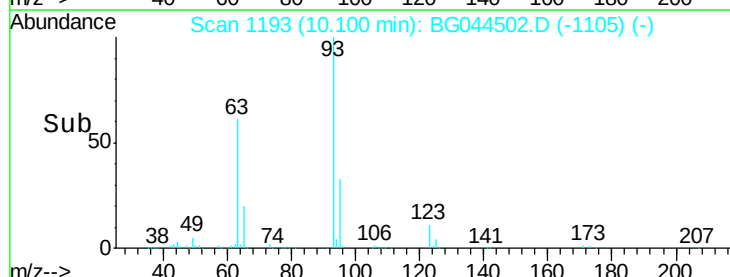
123 11.3 10.0 15.0

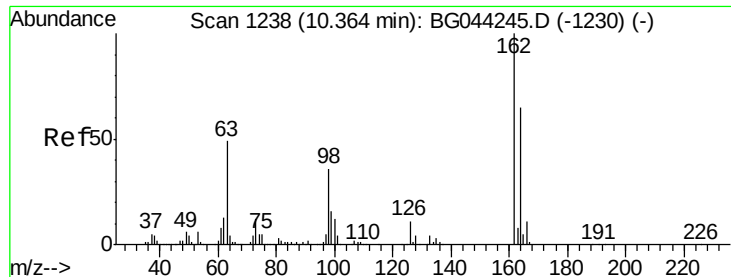


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

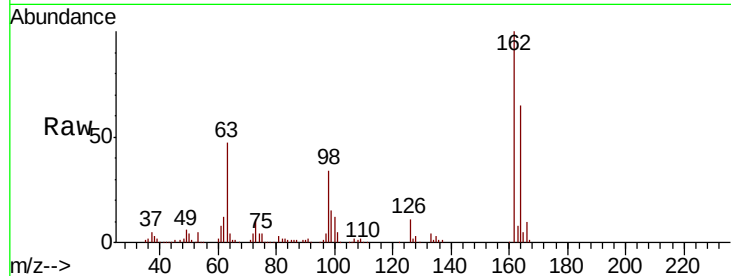




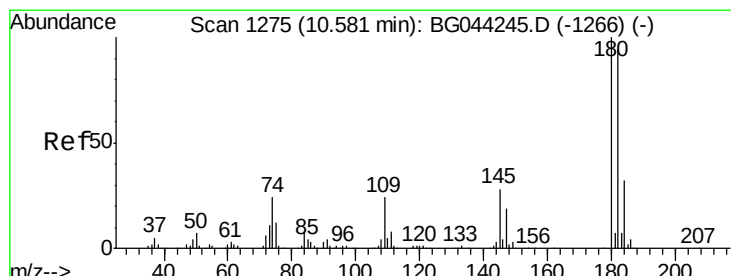
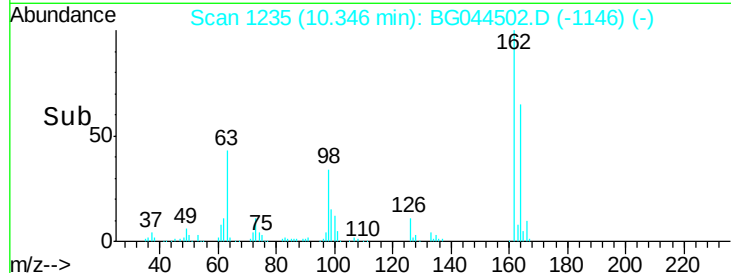
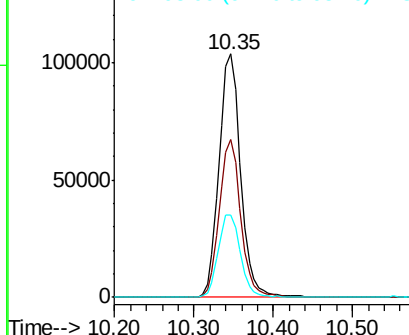
#29
2,4-Dichlorophenol
Concen: 52.010 ng
RT: 10.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Instrument :
BNA_G
ClientSampled :
TP-A-DMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.7	84.7
98	33.7	15.8	55.8

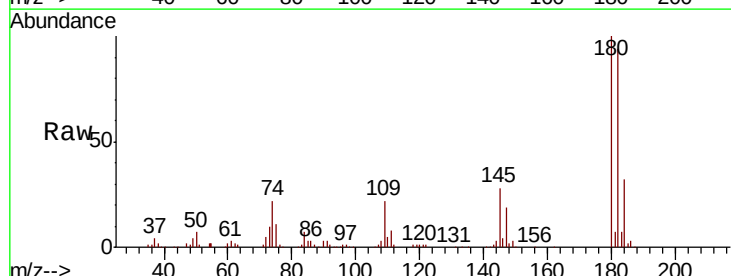


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

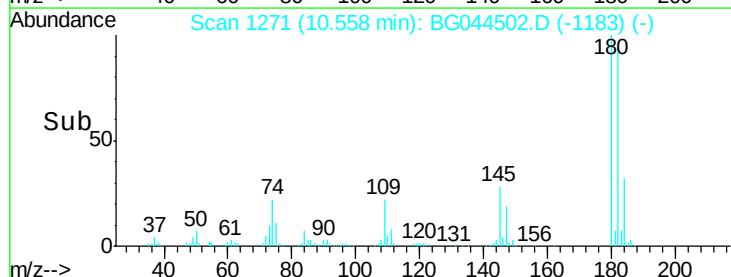
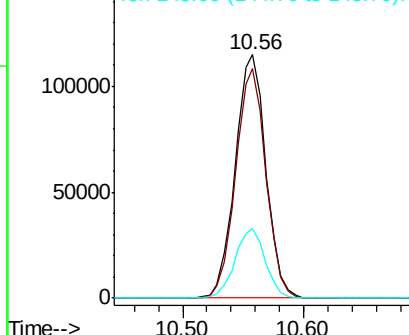


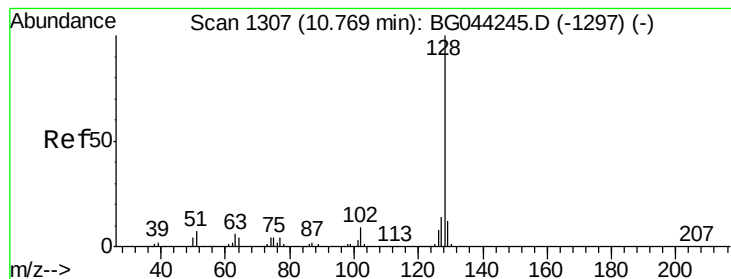
#30
1,2,4-Trichlorobenzene
Concen: 46.586 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.5	113.3
145	28.3	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: 48.363 ng

RT: 10.74 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

TP-A-DMS

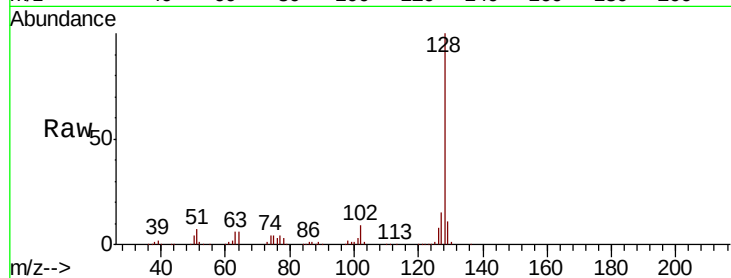
Tot Ion:128 Resp: 580620

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

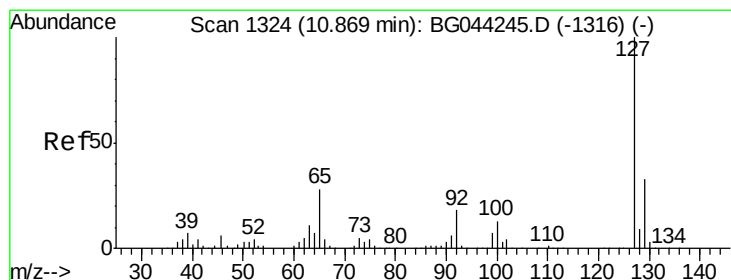
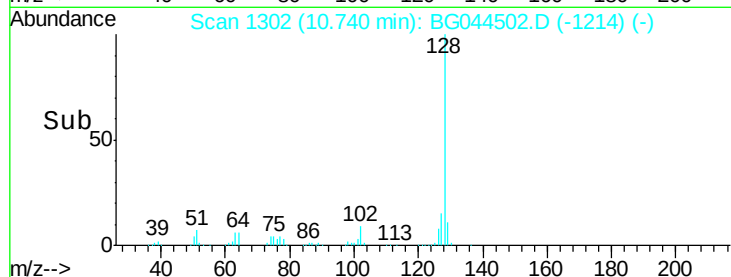
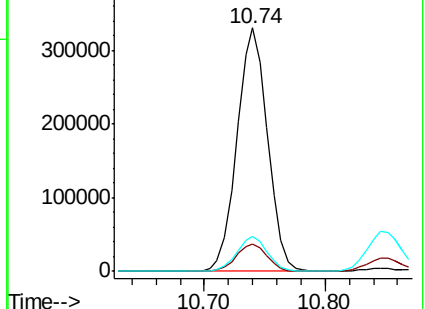
127 14.6 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 21.255 ng

RT: 10.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Tgt Ion:127 Resp: 116054

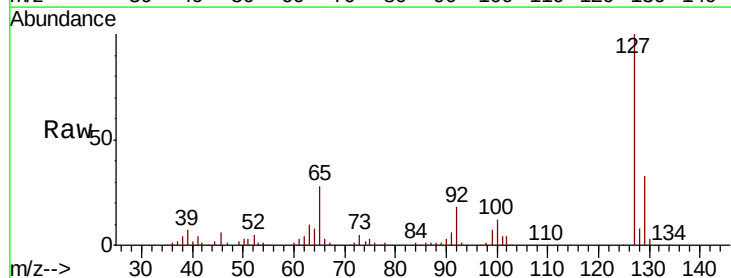
Ion Ratio Lower Upper

127 100

129 32.6 26.6 40.0

65 28.1 22.5 33.7

92 18.1 14.1 21.1

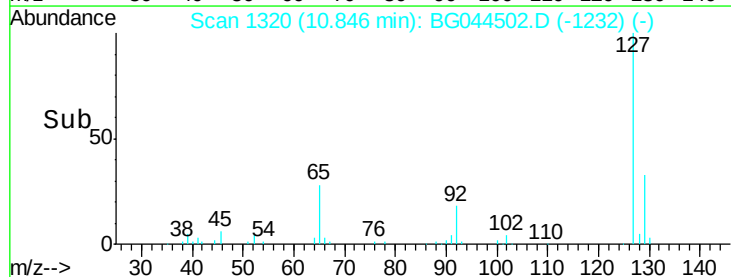
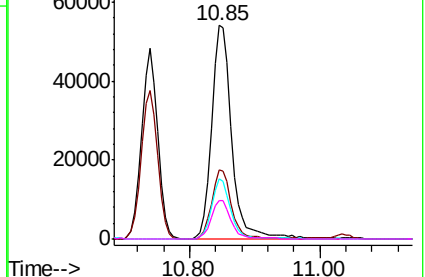


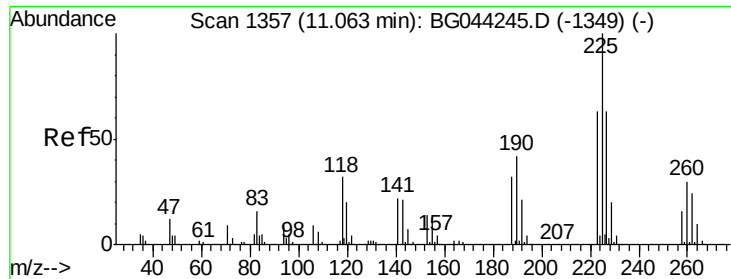
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#34

Hexachlorobutadiene

Concen: 44.835 ng

RT: 11.03 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

TP-A-DMS

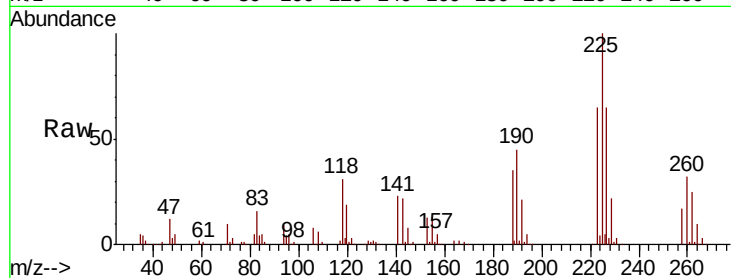
Tot Ion:225 Resp: 119884

Ion Ratio Lower Upper

225 100

223 65.4 50.2 75.4

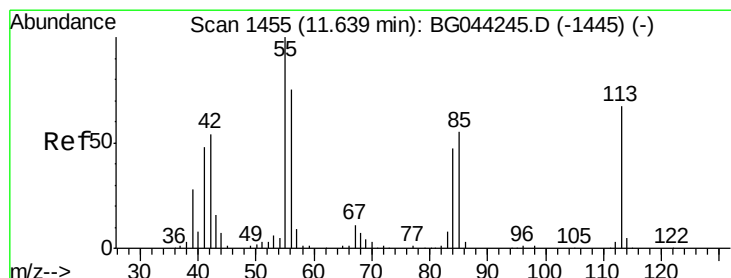
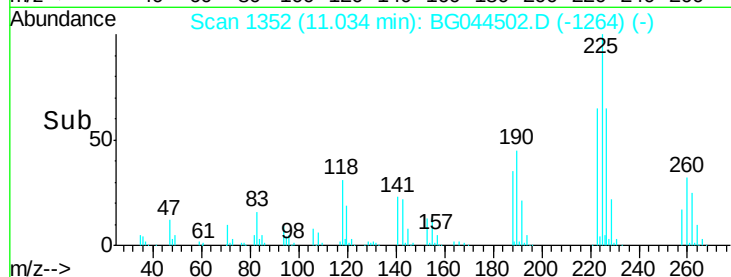
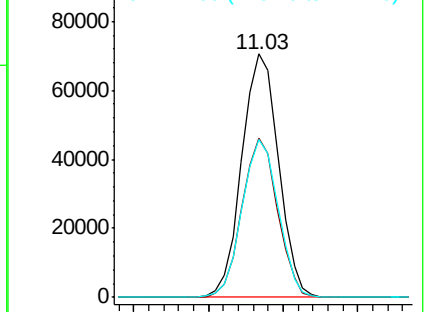
227 64.8 50.8 76.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 63.138 ng

RT: 11.62 min Scan# 1451

Delta R.T. -0.02 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

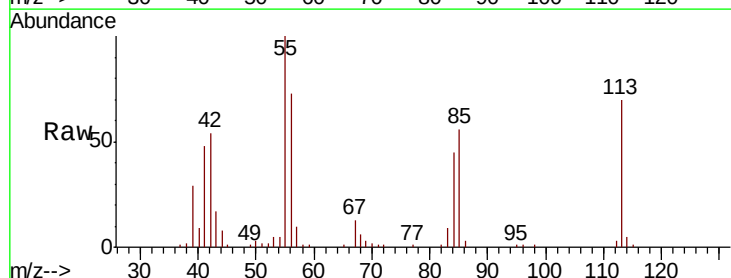
Tgt Ion:113 Resp: 87651

Ion Ratio Lower Upper

113 100

55 143.7 129.9 169.9

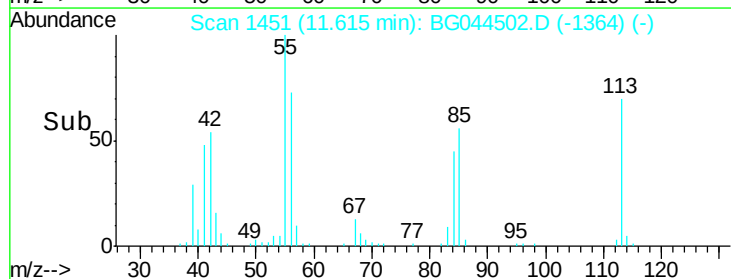
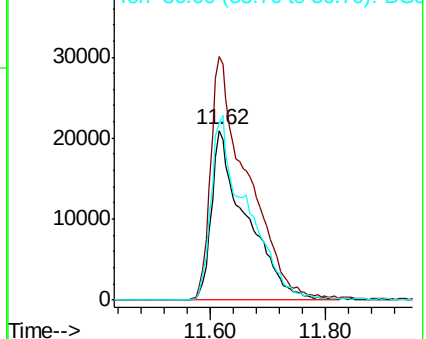
56 104.4 92.5 132.5

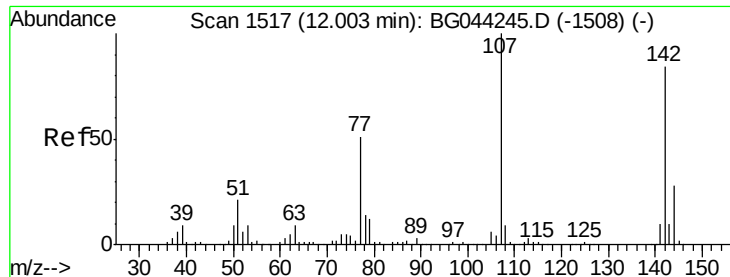


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

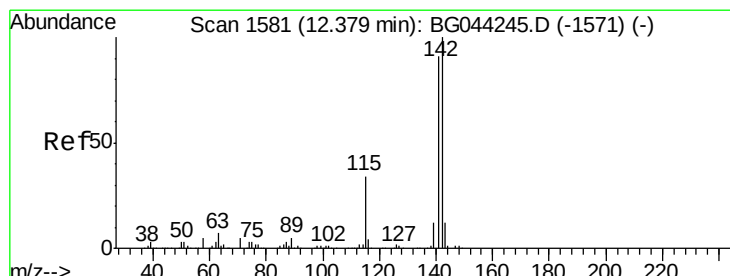
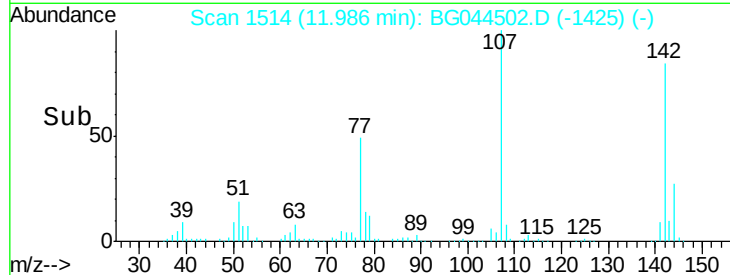
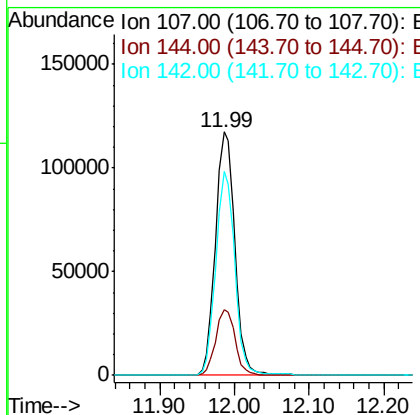
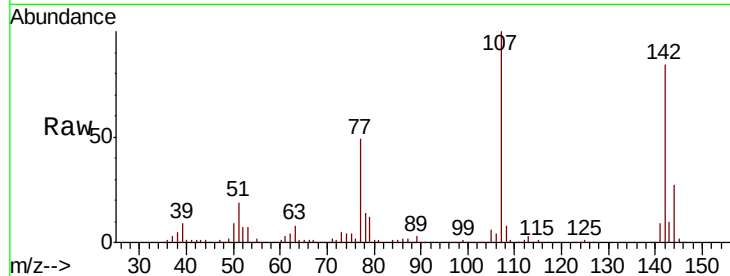




#36
 4-Chloro-3-methylphenol
 Concen: 53.575 ng
 RT: 11.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

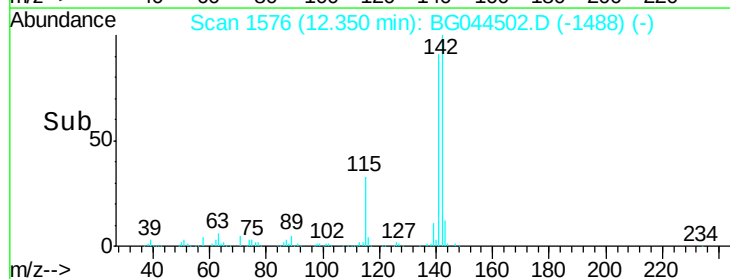
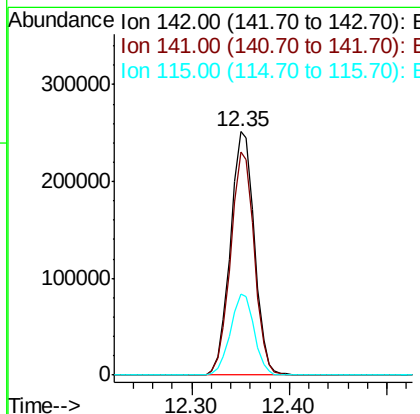
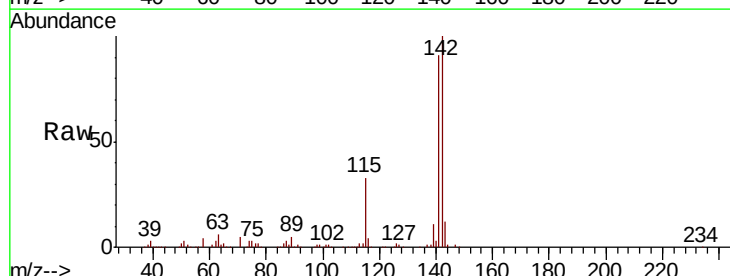
Instrument :
 BNA_G
 ClientSampleId :
 TP-A-DMS

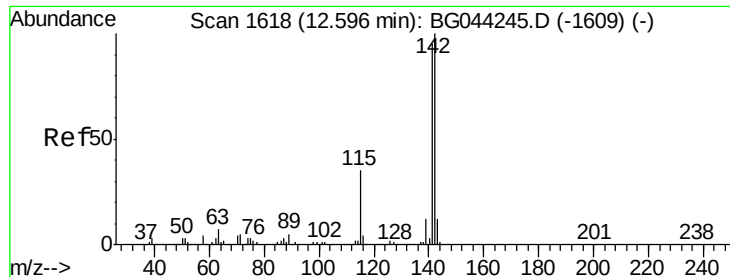
Tot Ion:107 Resp: 212873
 Ion Ratio Lower Upper
 107 100
 144 27.0 22.2 33.4
 142 83.6 67.4 101.0



#37
 2-Methylnaphthalene
 Concen: 48.073 ng
 RT: 12.35 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Tgt Ion:142 Resp: 428510
 Ion Ratio Lower Upper
 142 100
 141 91.4 73.2 109.8
 115 33.5 27.1 40.7

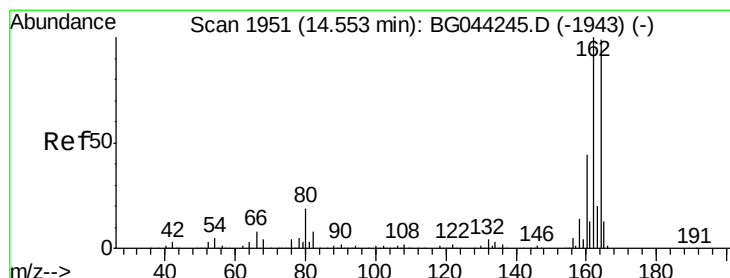
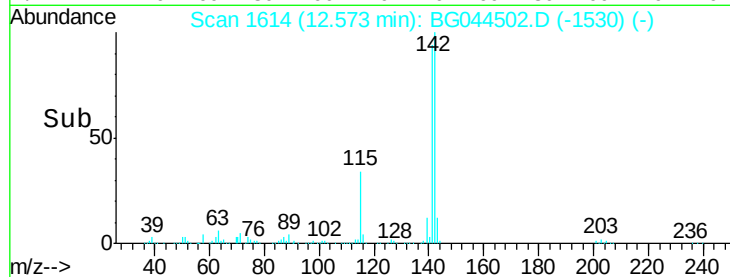
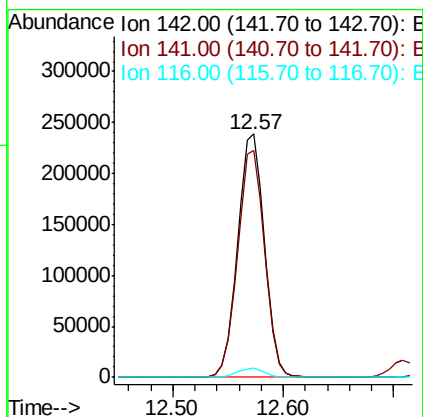
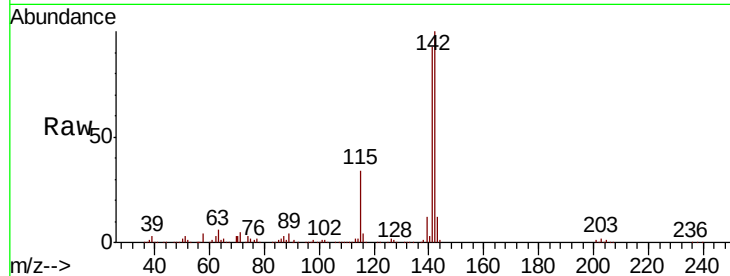




#38
1-Methylnaphthalene
Concen: 48.255 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

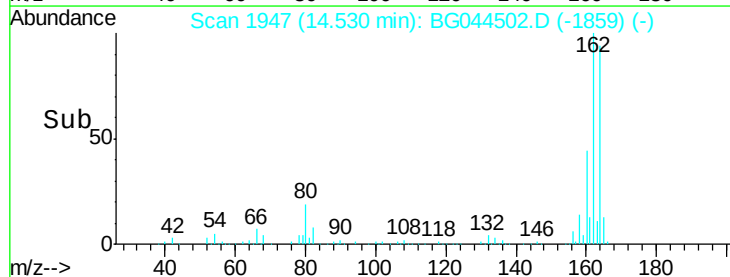
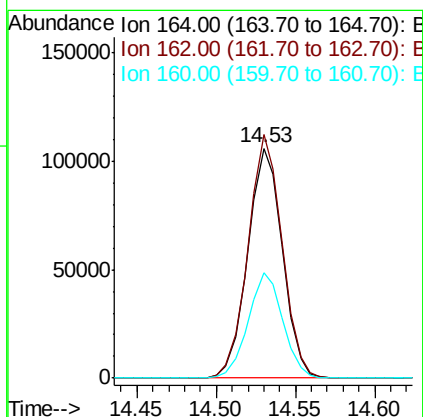
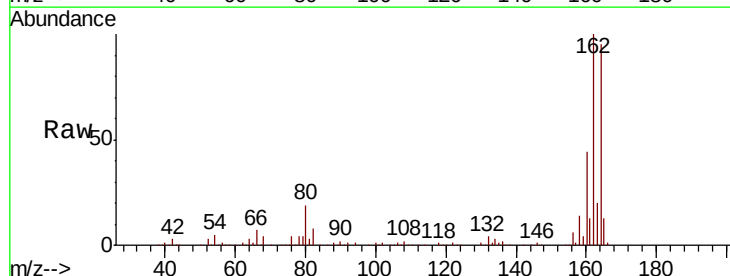
Instrument :
BNA_G
ClientSampleId :
TP-A-DMS

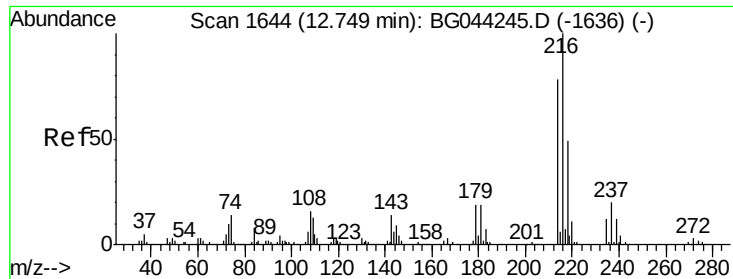
Tot Ion:142 Resp: 405530
Ion Ratio Lower Upper
142 100
141 93.4 75.8 113.6
116 3.8 3.1 4.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion:164 Resp: 160803
Ion Ratio Lower Upper
164 100
162 105.8 80.7 121.1
160 46.0 35.3 52.9





#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.579 ng

RT: 12.73 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

TP-A-DMS

Tot Ion:216 Resp: 214430

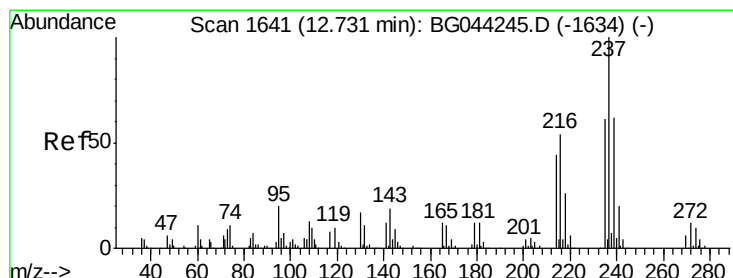
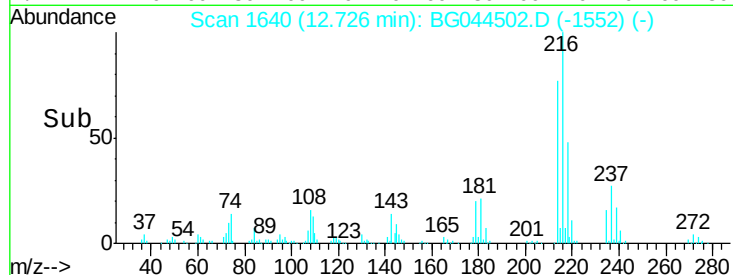
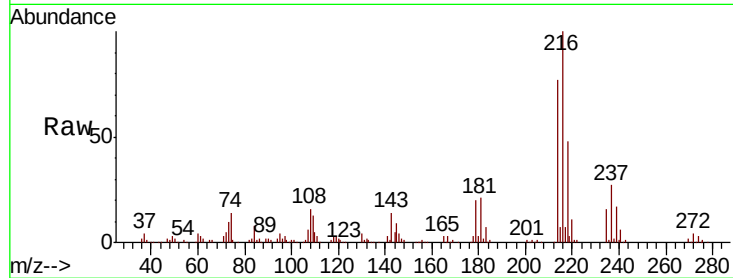
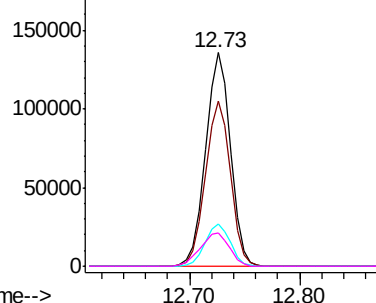
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.6
179	20.1	16.2	24.4
108	18.3	13.5	20.3

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: 98.231 ng

RT: 12.71 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

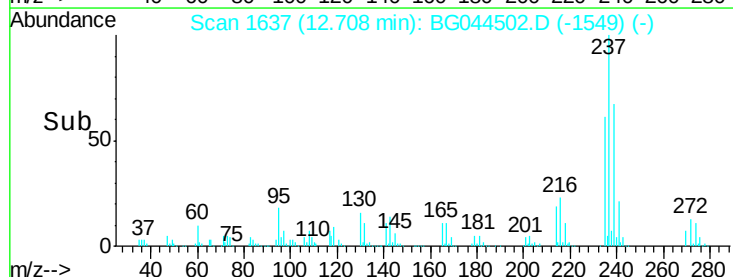
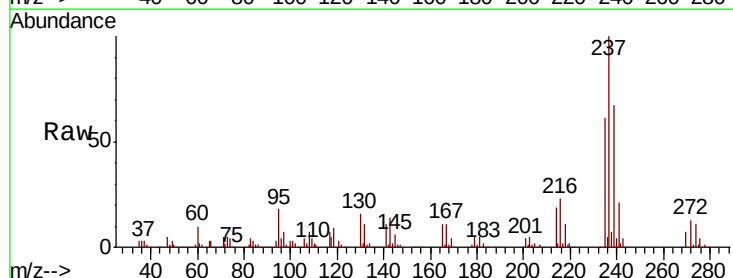
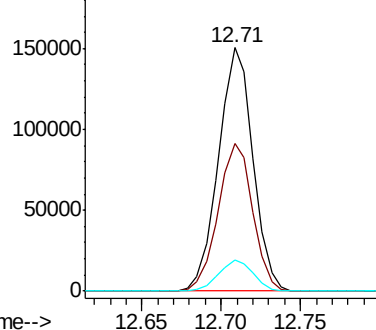
Tgt Ion:237 Resp: 226723

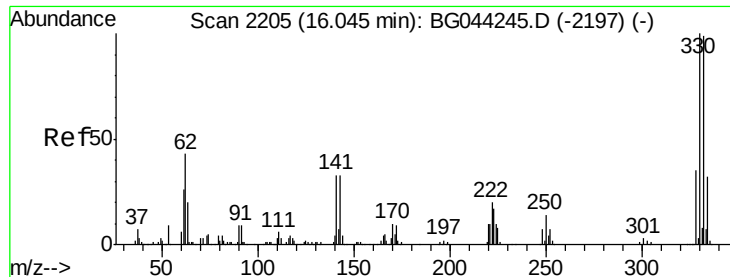
Ion	Ratio	Lower	Upper
237	100		
235	60.7	41.2	81.2
272	13.0	0.0	32.4

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: 136.536 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

TP-A-DMS

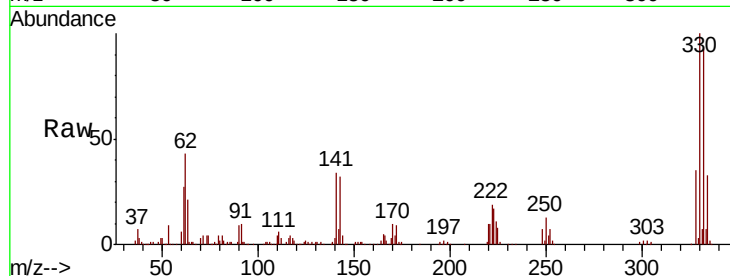
Tot Ion:330 Resp: 257743

Ion Ratio Lower Upper

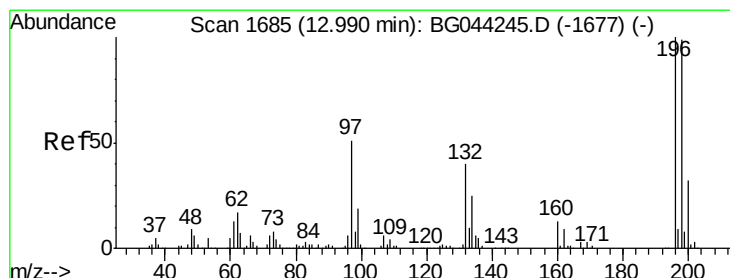
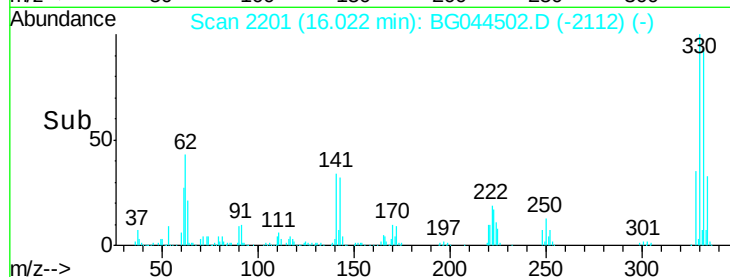
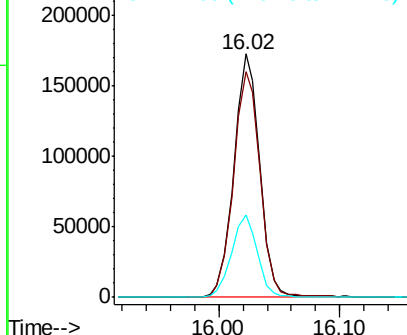
330 100

332 96.0 77.2 115.8

141 33.9 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: 52.162 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

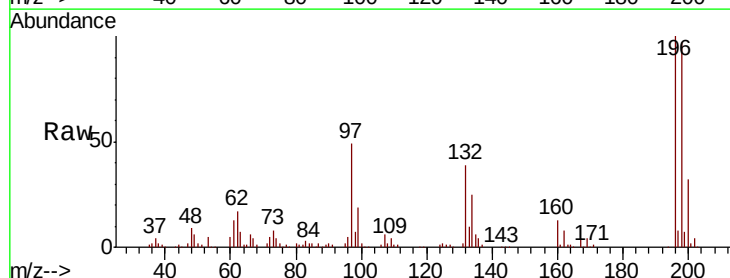
Tgt Ion:196 Resp: 162181

Ion Ratio Lower Upper

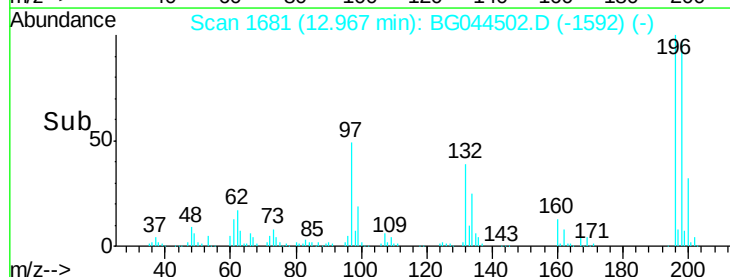
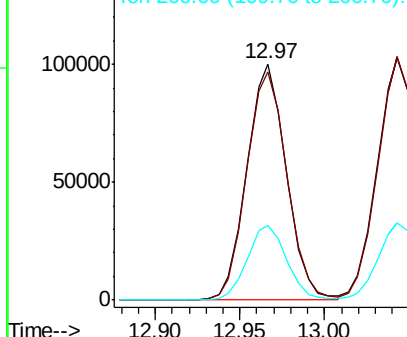
196 100

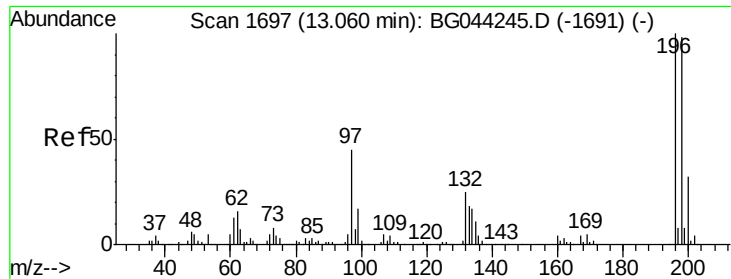
198 96.8 79.3 118.9

200 31.8 25.7 38.5



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

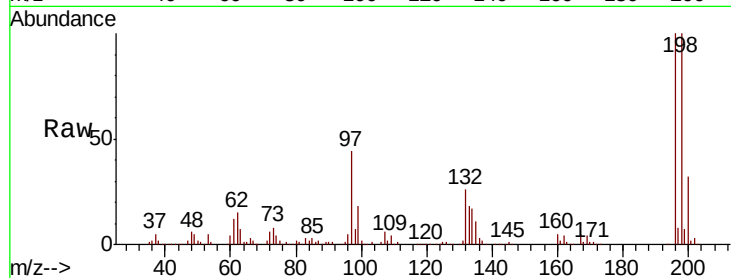




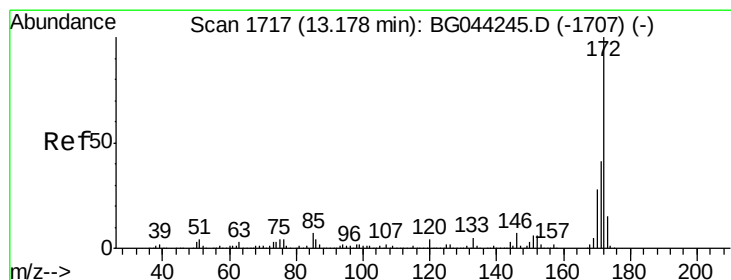
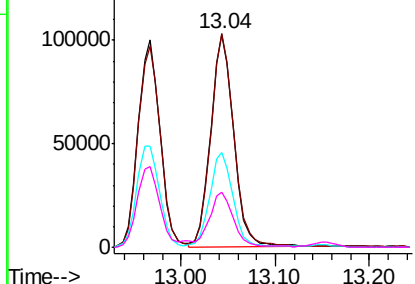
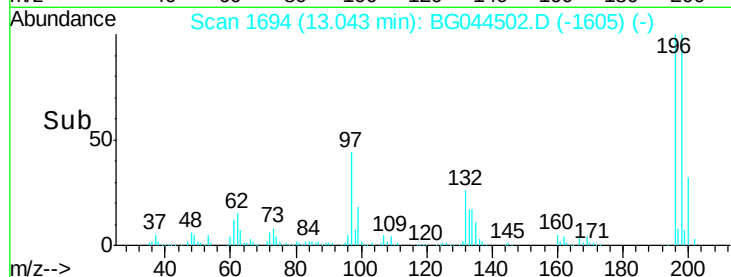
#44
 2,4,5-Trichlorophenol
 Concen: 55.887 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Instrument :
 BNA_G
 ClientSampleId :
 TP-A-DMS

Tot Ion:196 Resp: 177479
 Ion Ratio Lower Upper
 196 100
 198 100.4 78.2 117.2
 97 44.4 36.2 54.4
 132 26.0 20.2 30.4

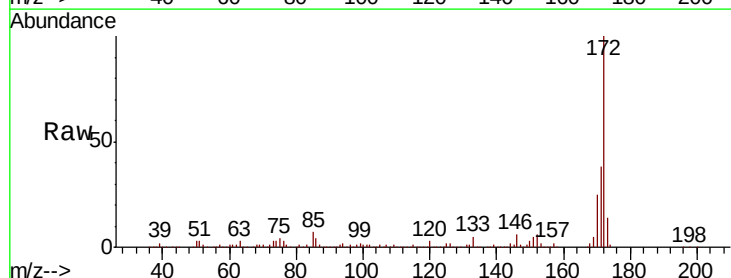


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

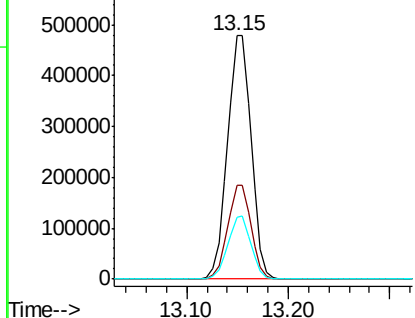
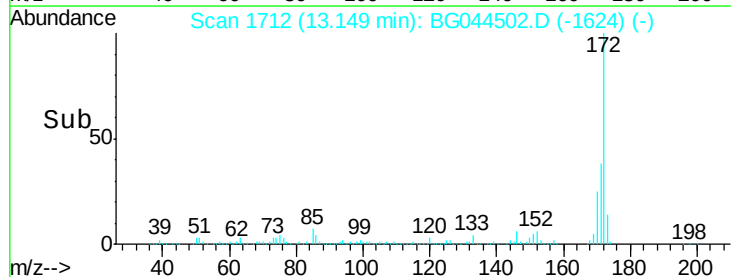


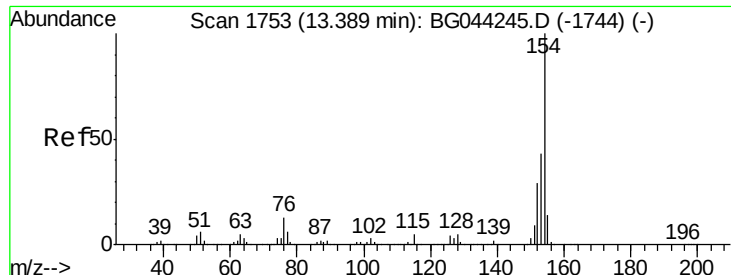
#45
 2-Fluorobiphenyl
 Concen: 80.698 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Tgt Ion:172 Resp: 774921
 Ion Ratio Lower Upper
 172 100
 171 38.4 32.9 49.3
 170 25.4 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

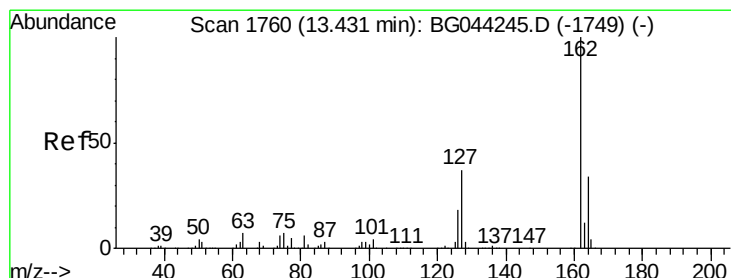
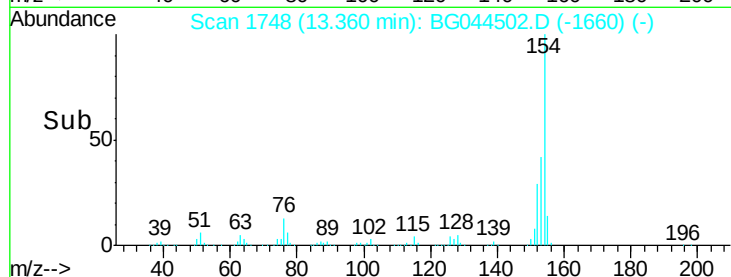
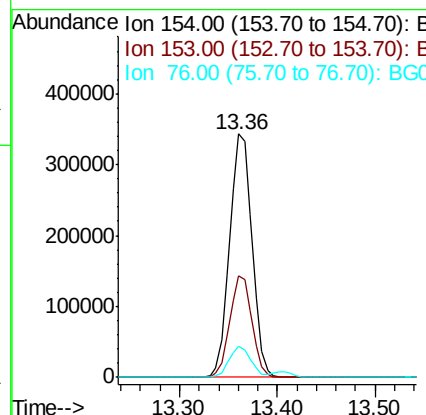
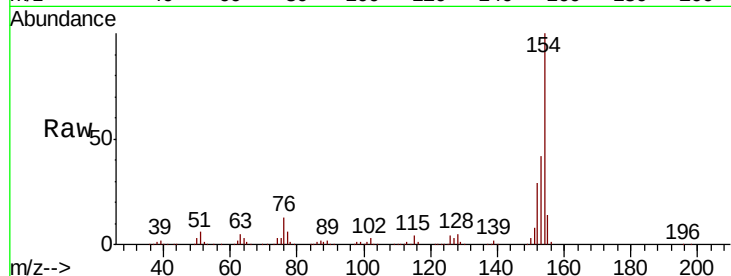




#46
 1,1'-Biphenyl
 Concen: 47.022 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

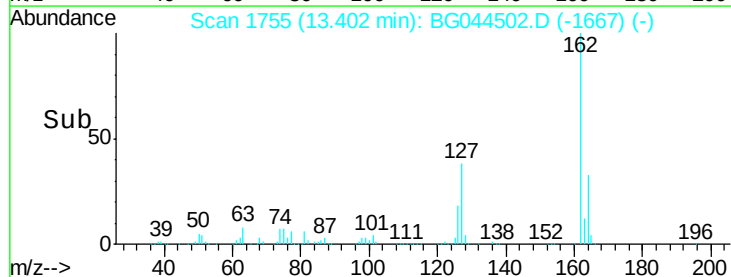
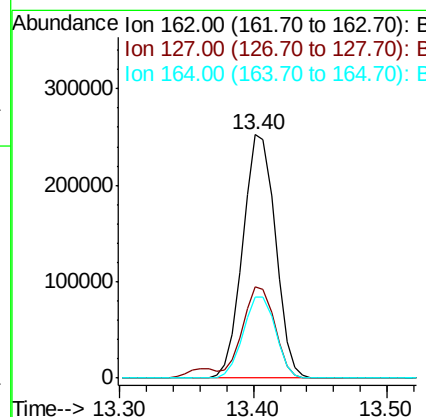
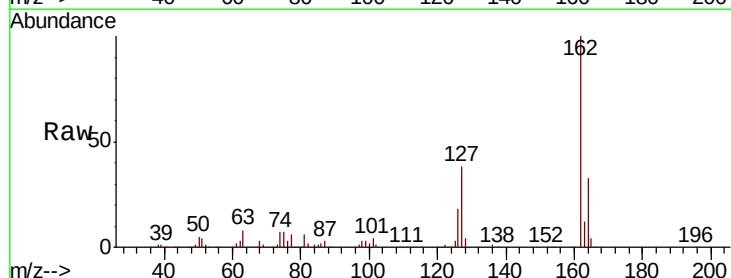
Instrument :
 BNA_G
 ClientSampleId :
 TP-A-DMS

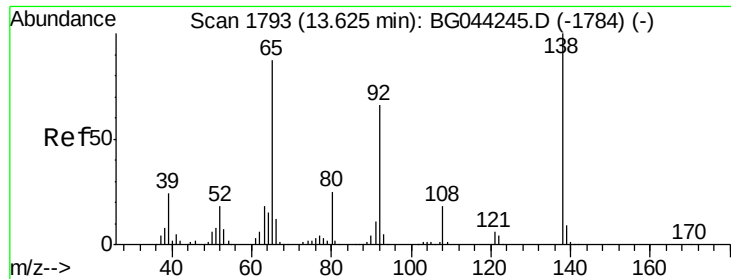
Tot Ion:	154	Resp:	545401
Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.7	62.7
76	12.6	0.0	32.9



#47
 2-Chloronaphthalene
 Concen: 46.195 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Tgt Ion:	162	Resp:	426368
Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.0	45.0
164	33.3	27.2	40.8

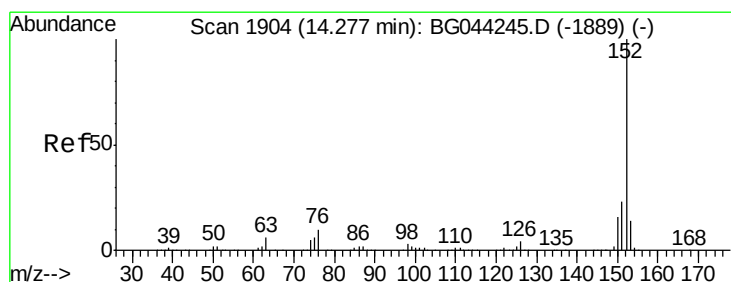
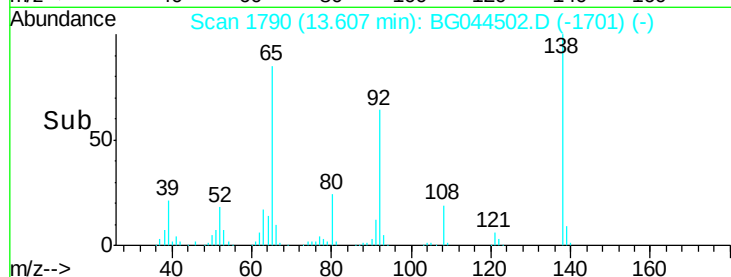
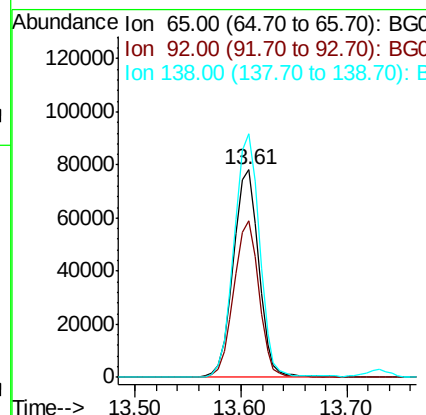
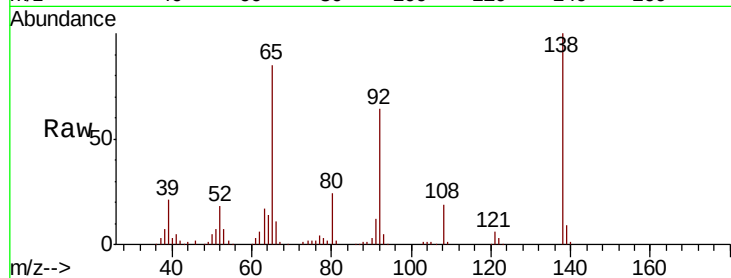




#48
2-Nitroaniline
Concen: 47.941 ng
RT: 13.61 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

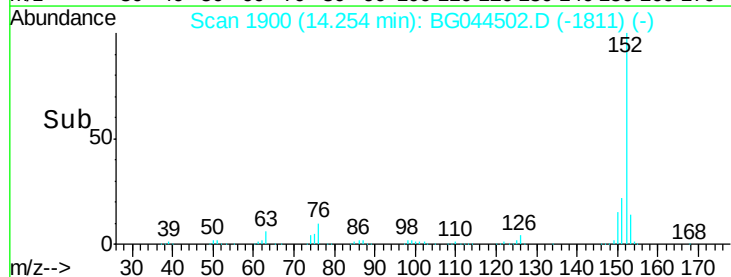
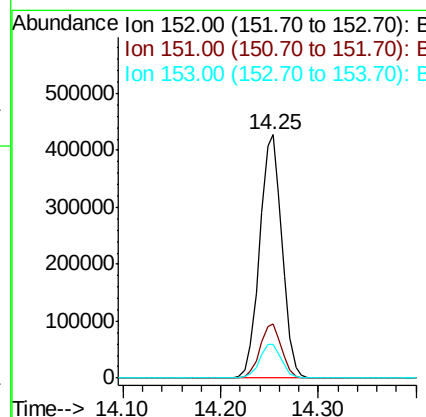
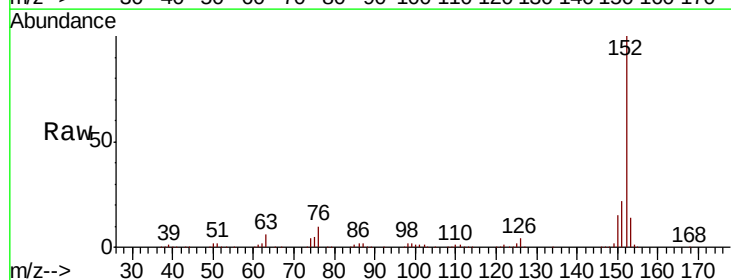
Instrument :
BNA_G
ClientSampleId :
TP-A-DMS

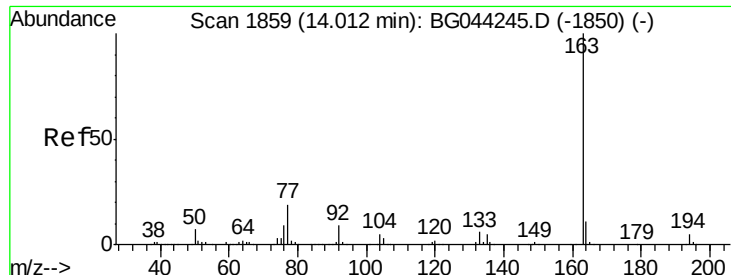
Tot Ion: 65 Resp: 130587
Ion Ratio Lower Upper
65 100
92 75.5 60.3 90.5
138 117.2 91.9 137.9



#49
Acenaphthylene
Concen: 50.939 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion: 152 Resp: 689590
Ion Ratio Lower Upper
152 100
151 22.0 18.1 27.1
153 13.7 11.5 17.3





#50

Dimethylphthalate

Concen: 51.039 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

TP-A-DMS

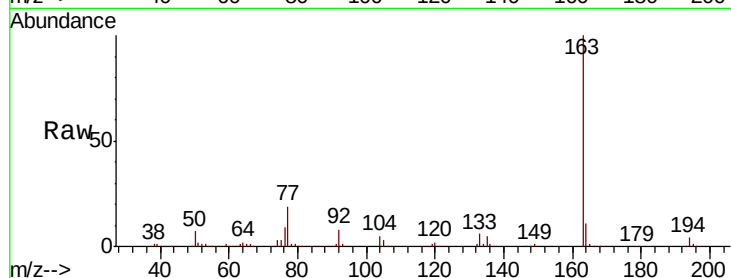
Tot Ion:163 Resp: 589963

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

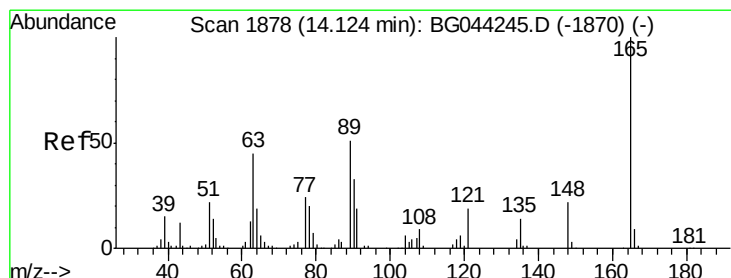
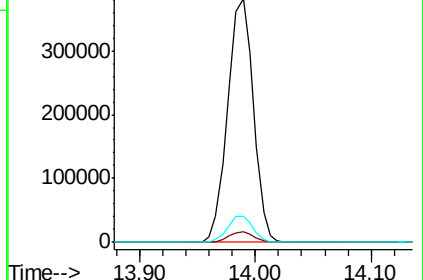
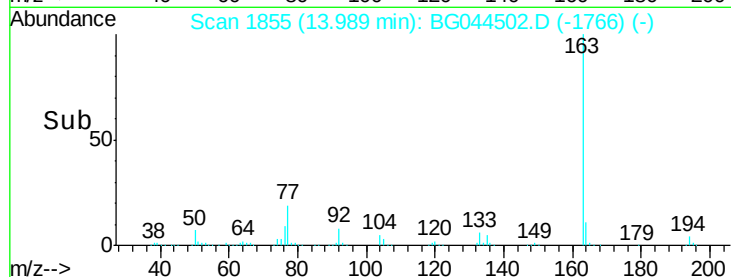
164 10.5 8.7 13.1



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: 50.006 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

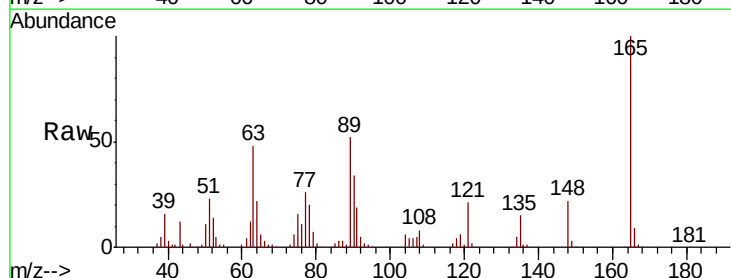
Tgt Ion:165 Resp: 128878

Ion Ratio Lower Upper

165 100

63 48.3 38.7 58.1

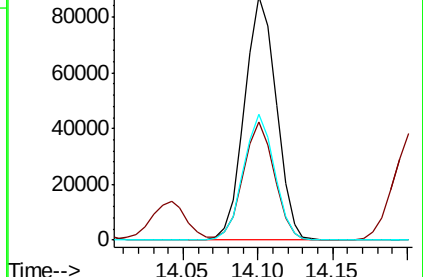
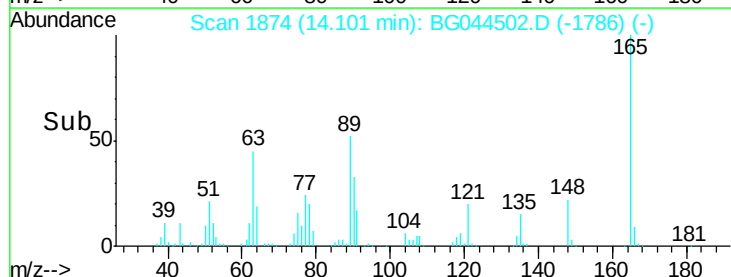
89 51.9 40.4 60.6

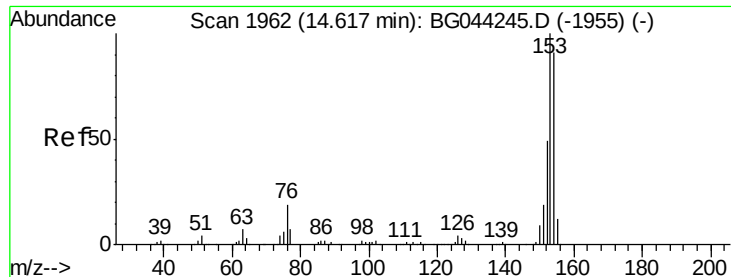


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#52

Acenaphthene

Concen: 47.575 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

TP-A-DMS

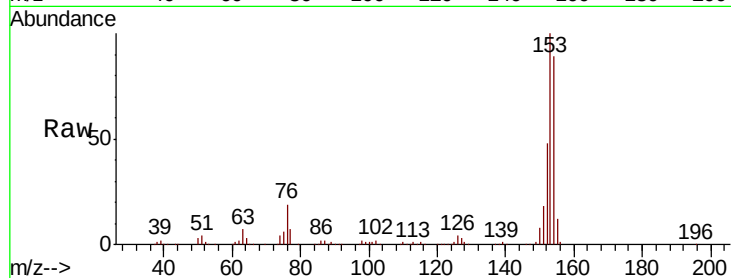
Tot Ion:154 Resp: 417455

Ion Ratio Lower Upper

154 100

153 112.0 87.9 131.9

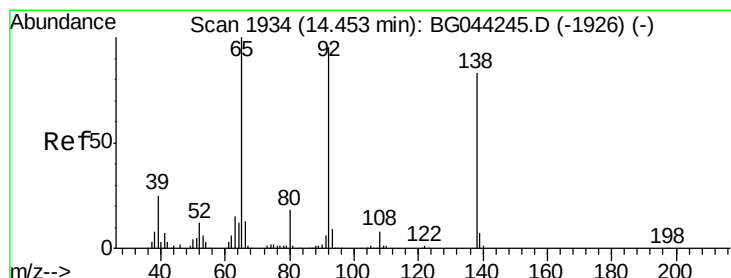
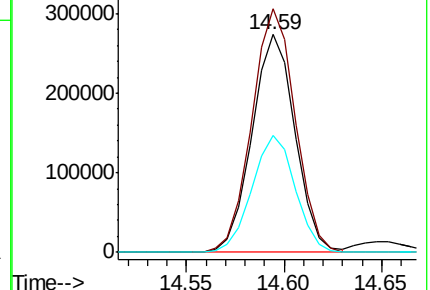
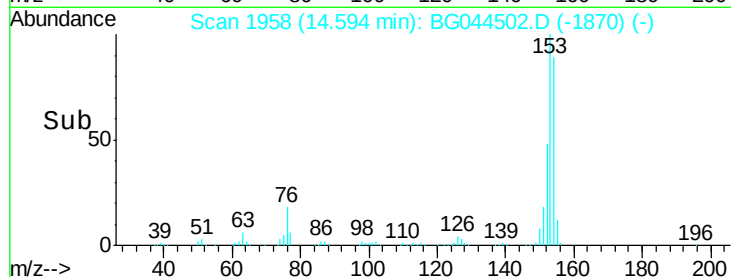
152 54.0 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 24.216 ng

RT: 14.43 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

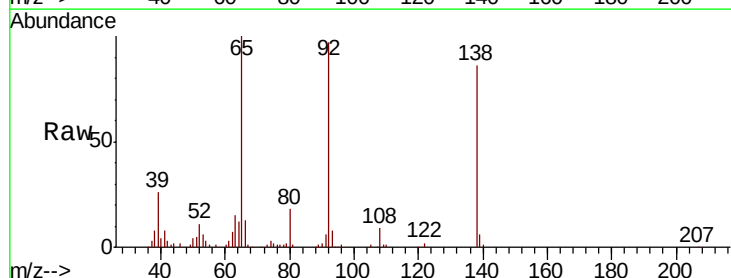
Tgt Ion:138 Resp: 69049

Ion Ratio Lower Upper

138 100

108 10.1 7.9 11.9

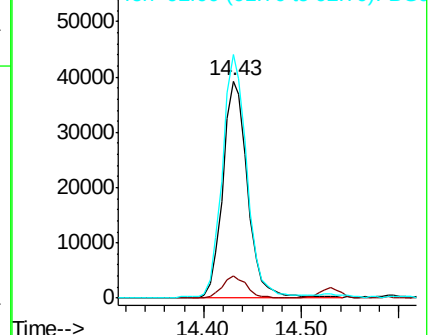
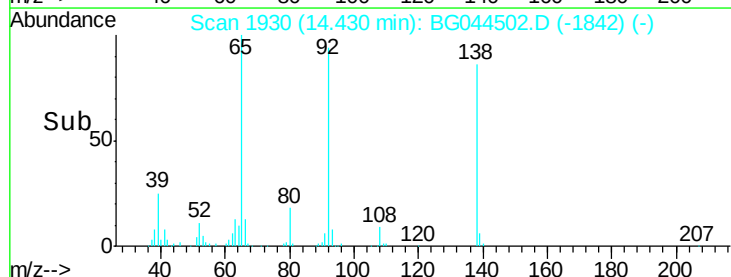
92 112.1 91.0 136.4

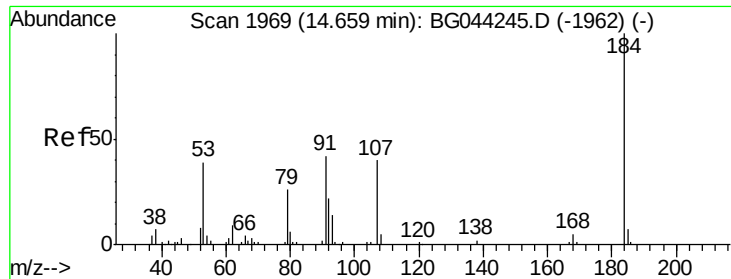


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

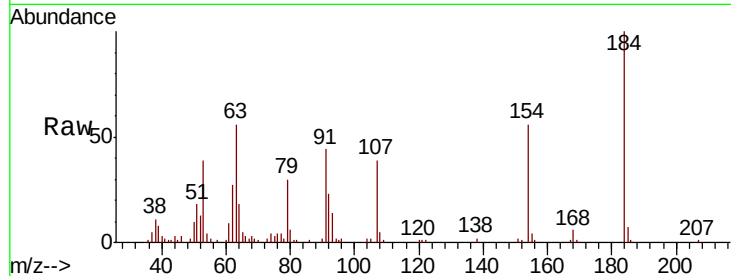




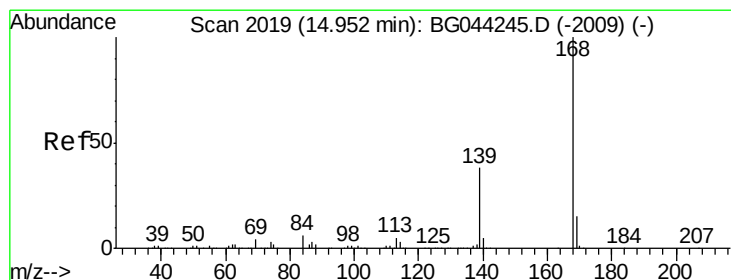
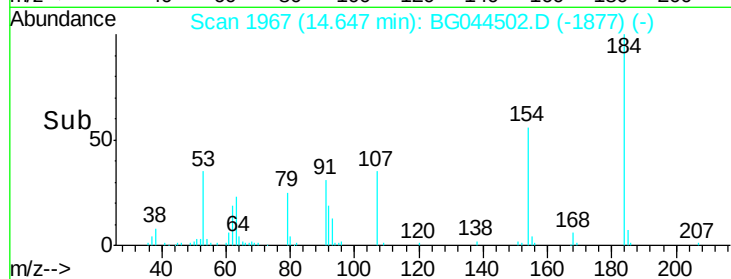
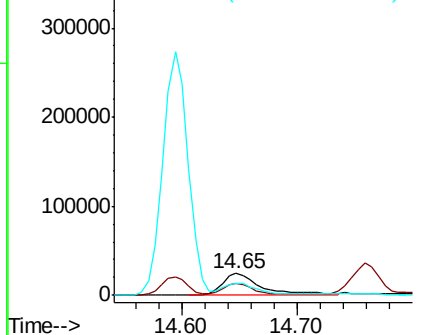
#54
2,4-Dinitrophenol
Concen: 41.852 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Instrument :
BNA_G
ClientSampleId :
TP-A-DMS

Tot Ion:184 Resp: 57777
Ion Ratio Lower Upper
184 100
63 56.0 44.1 66.1
154 56.4 45.4 68.0

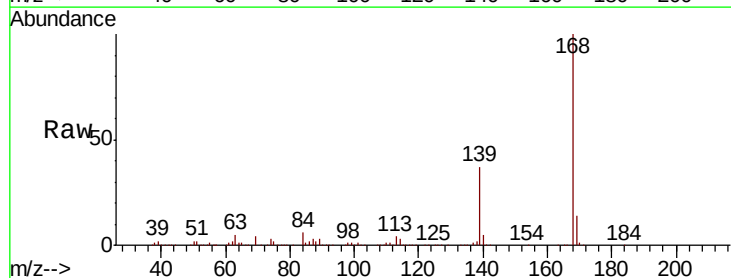


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

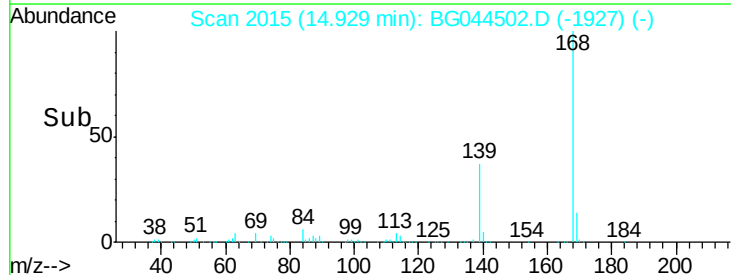
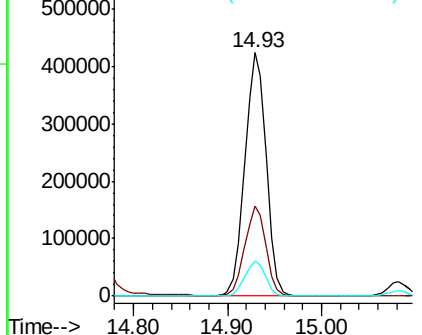


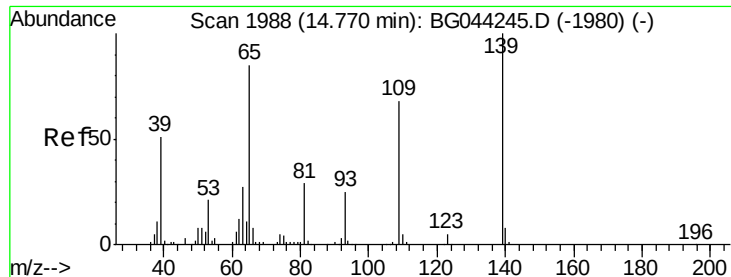
#55
Dibenzofuran
Concen: 49.745 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion:168 Resp: 660879
Ion Ratio Lower Upper
168 100
139 37.1 30.5 45.7
169 14.4 11.7 17.5



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

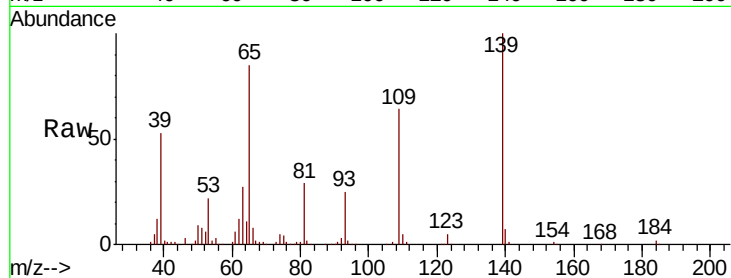




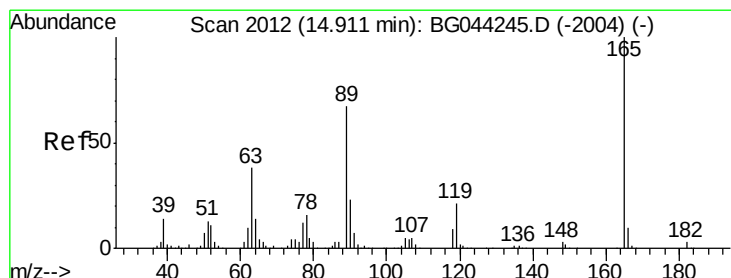
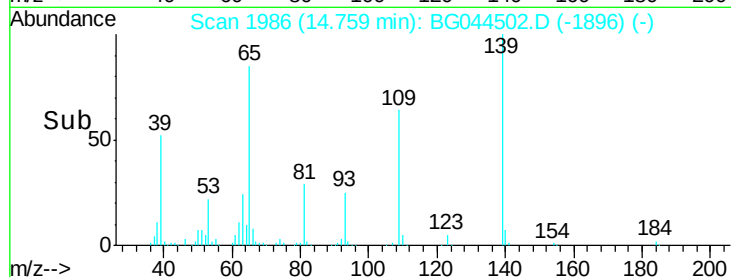
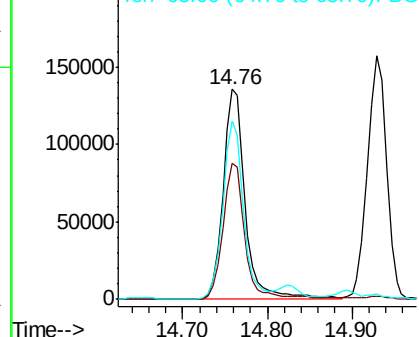
#56
4-Nitrophenol
Concen: 118.690 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Instrument :
BNA_G
ClientSampleId :
TP-A-DMS

Tot Ion:139 Resp: 247899
Ion Ratio Lower Upper
139 100
109 64.5 47.5 87.5
65 85.2 64.9 104.9

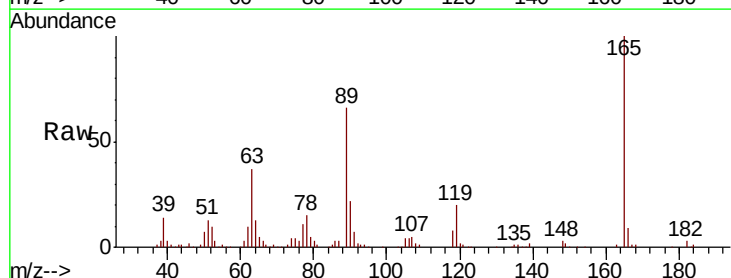


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

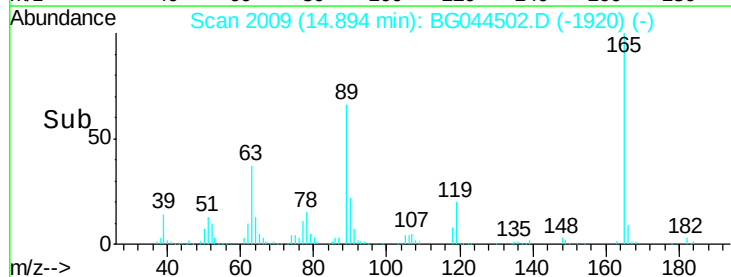
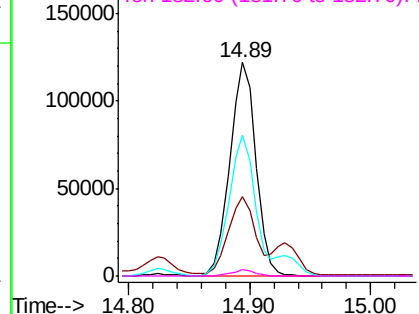


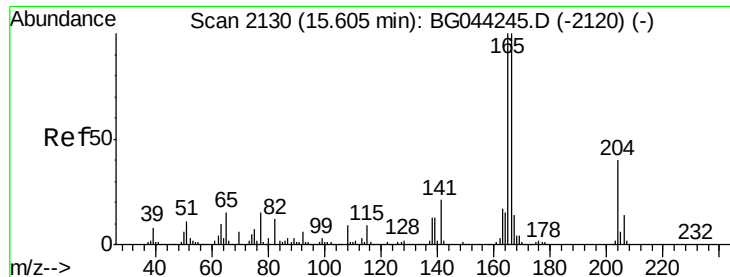
#57
2,4-Dinitrotoluene
Concen: 50.367 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion:165 Resp: 181936
Ion Ratio Lower Upper
165 100
63 37.1 30.3 45.5
89 66.1 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

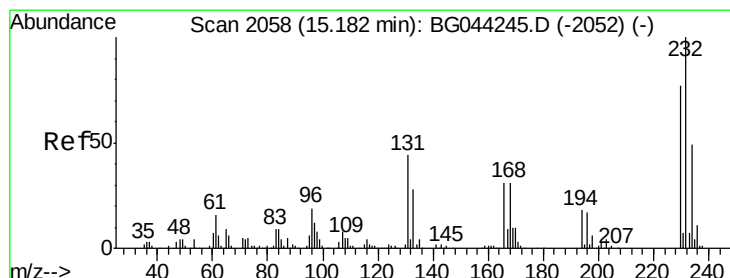
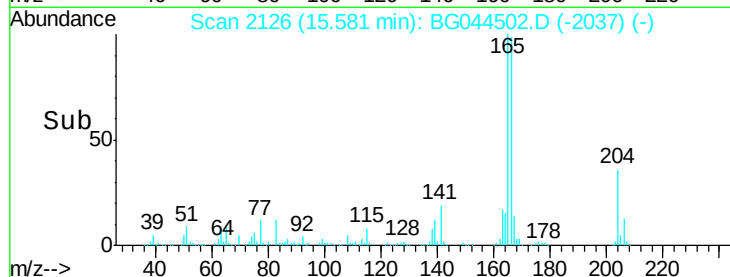
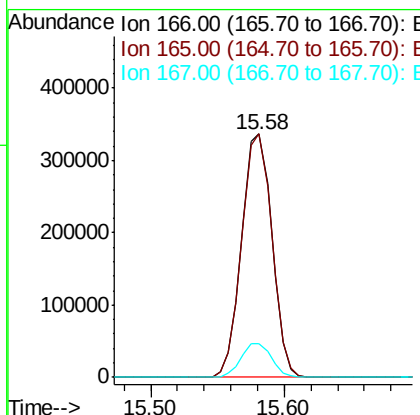
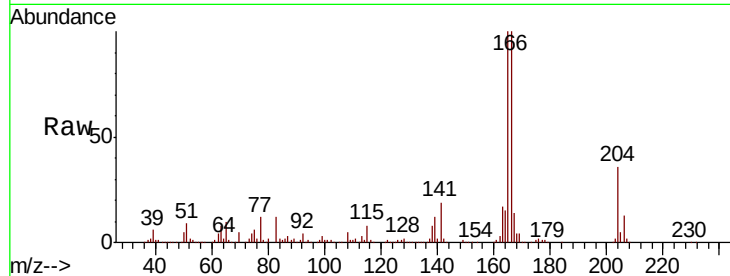




#58
 Fluorene
 Concen: 50.668 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

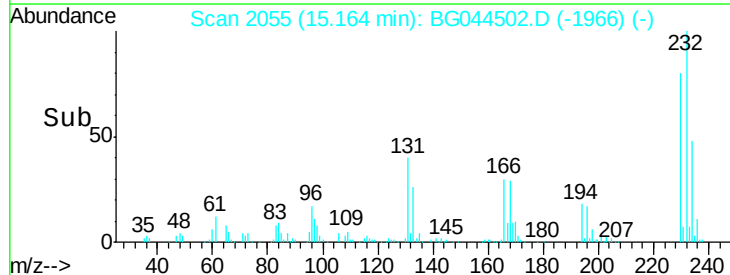
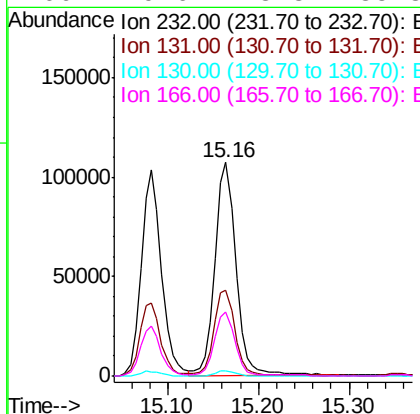
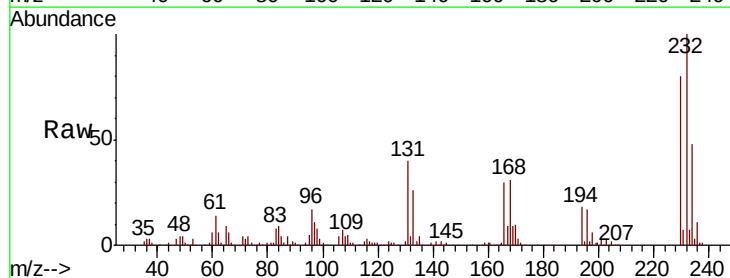
Instrument :
 BNA_G
 ClientSampleId :
 TP-A-DMS

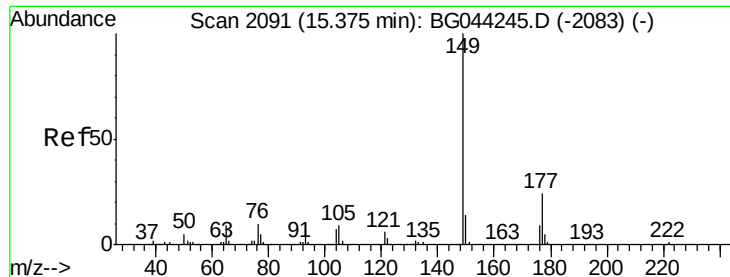
Tot Ion:166 Resp: 530190
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.9 119.9
 167 14.0 11.4 17.0



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 59.873 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Tgt Ion:232 Resp: 171744
 Ion Ratio Lower Upper
 232 100
 131 40.6 34.2 51.4
 130 2.3 1.8 2.8
 166 29.6 23.8 35.8





#60

Diethylphthalate

Concen: 50.148 ng

RT: 15.35 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampled :

TP-A-DMS

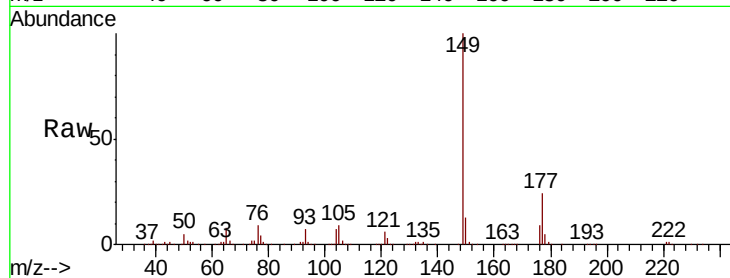
Tot Ion:149 Resp: 577584

Ion Ratio Lower Upper

149 100

177 24.4 19.4 29.0

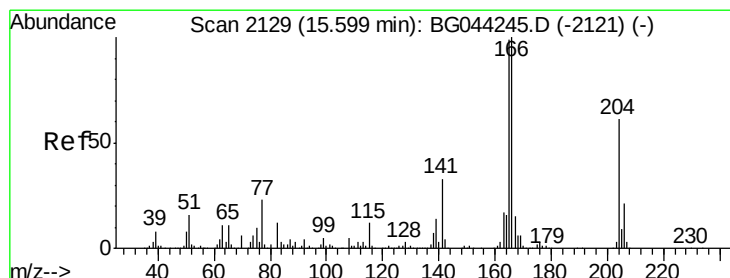
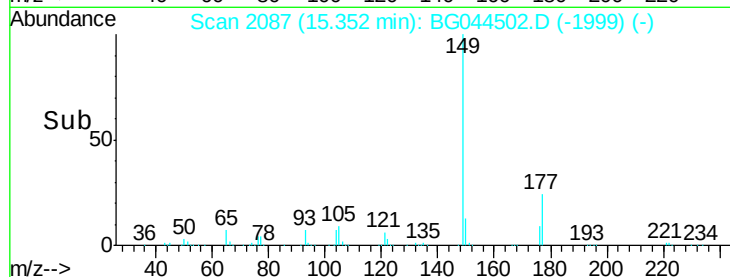
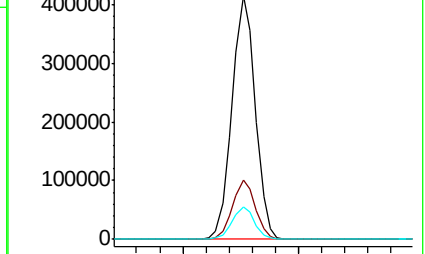
150 13.2 10.9 16.3



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: 48.575 ng

RT: 15.57 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

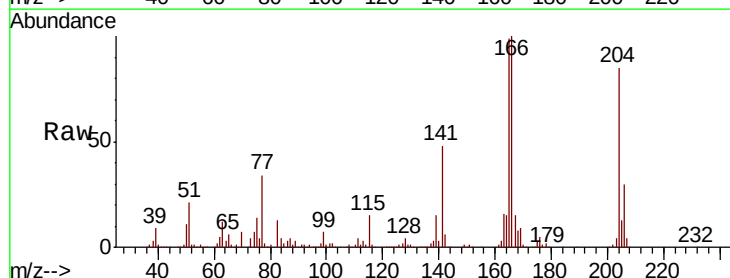
Tgt Ion:204 Resp: 275598

Ion Ratio Lower Upper

204 100

206 35.0 27.6 41.4

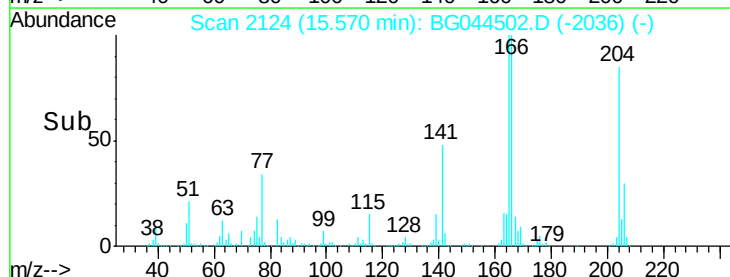
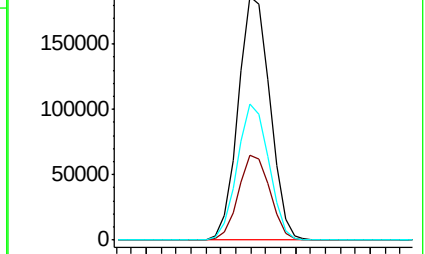
141 56.1 43.4 65.0

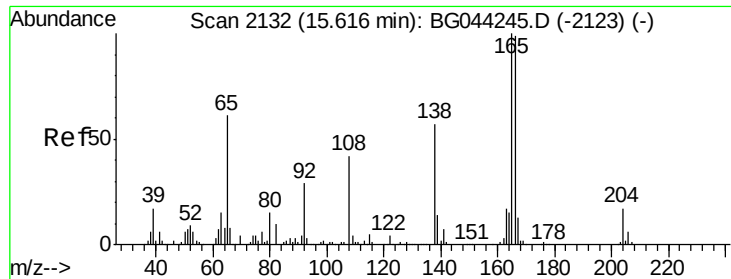


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 49.769 ng

RT: 15.60 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

TP-A-DMS

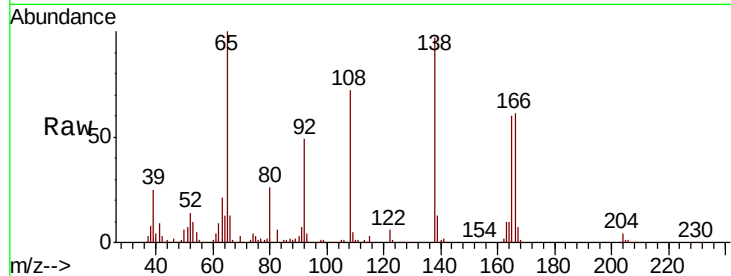
Tot Ion:138 Resp: 141800

Ion Ratio Lower Upper

138 100

92 50.7 31.3 71.3

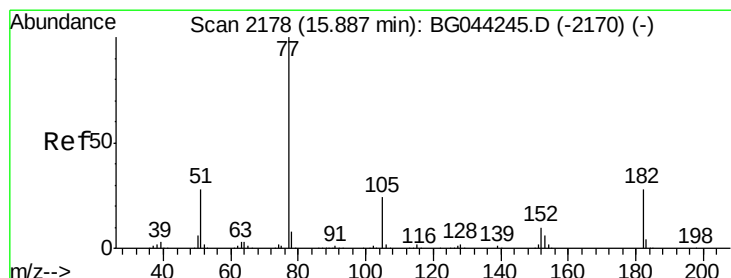
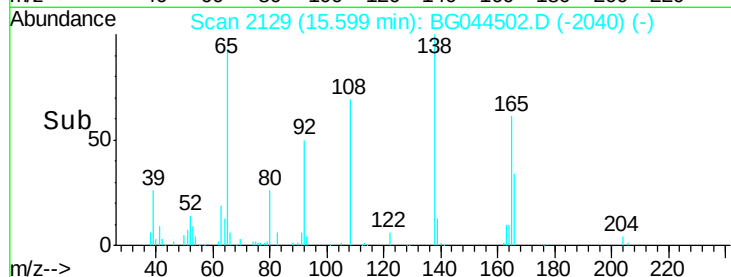
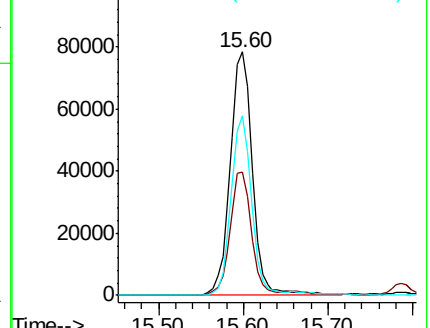
108 73.7 52.6 92.6



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: 50.415 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Tgt Ion: 77 Resp: 508907

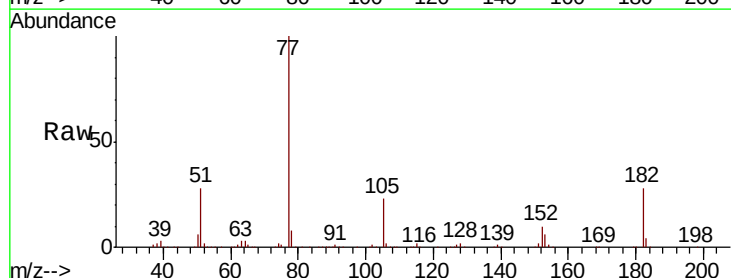
Ion Ratio Lower Upper

77 100

182 28.1 8.2 48.2

105 22.6 3.6 43.6

51 27.8 8.3 48.3

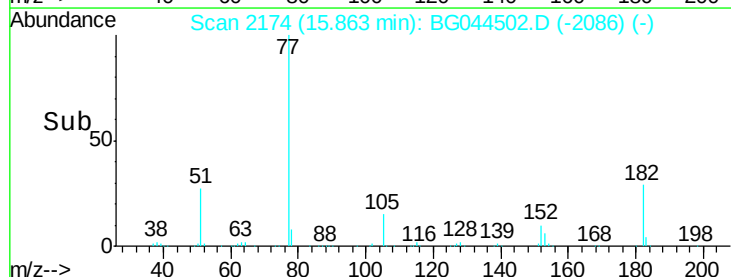
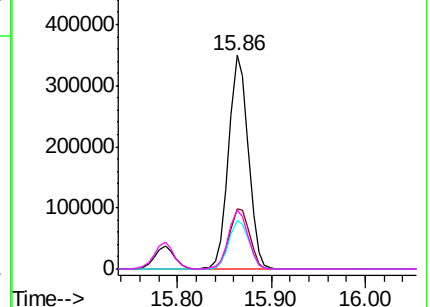


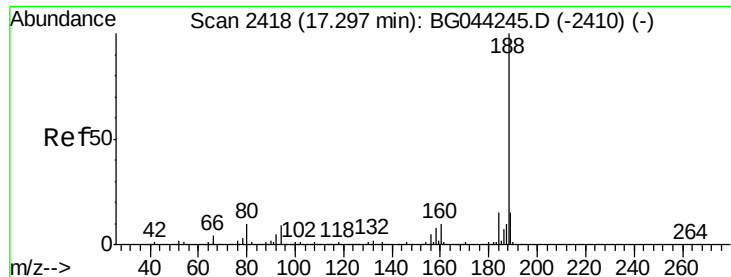
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG

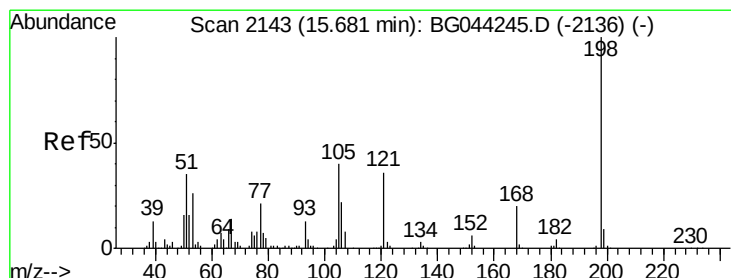
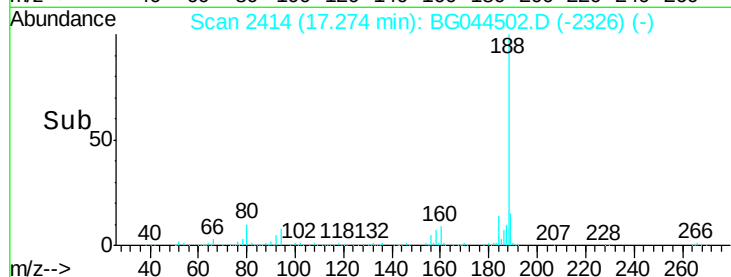
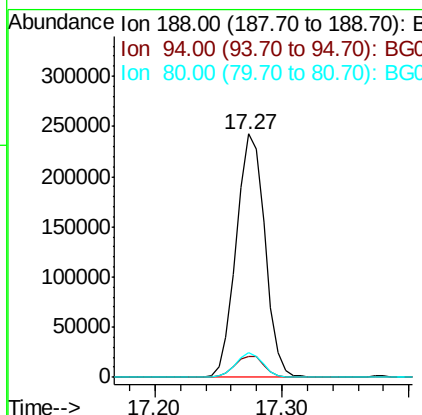
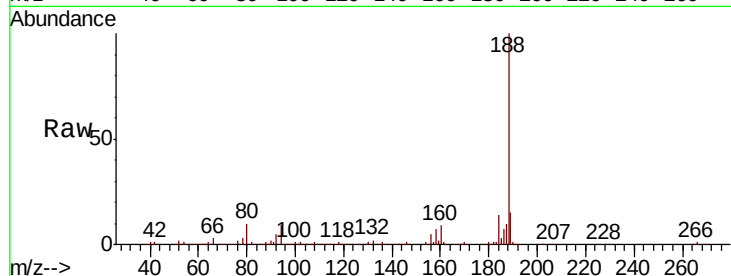




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.27 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

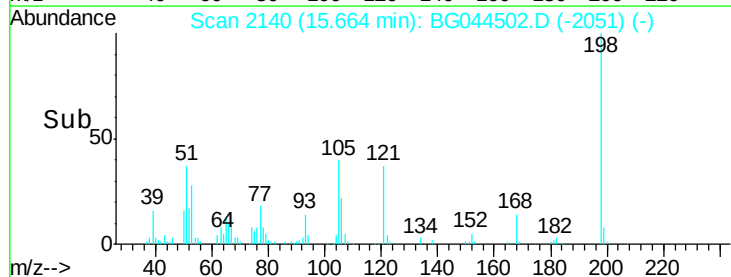
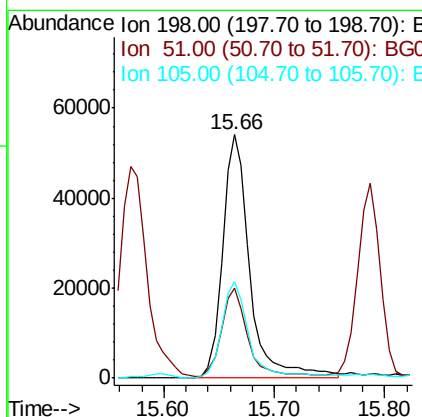
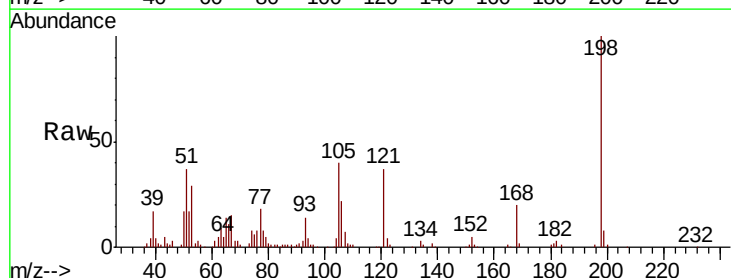
Instrument :
 BNA_G
 ClientSampleId :
 TP-A-DMS

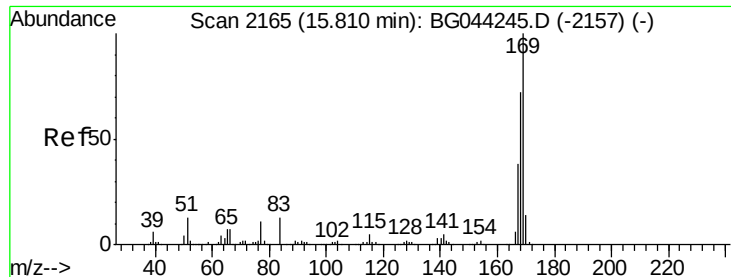
Tot Ion:188 Resp: 379089
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.4 11.2
 80 9.9 7.7 11.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.435 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Tgt Ion:198 Resp: 92984
 Ion Ratio Lower Upper
 198 100
 51 37.2 16.6 56.6
 105 39.8 20.6 60.6

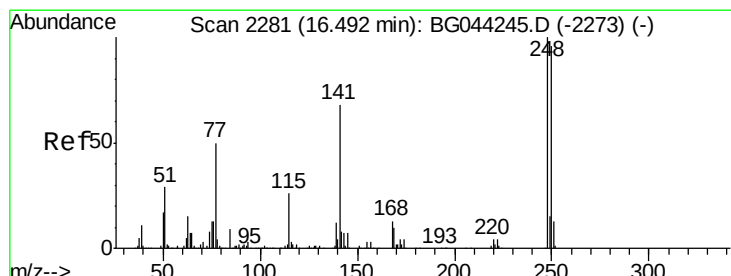
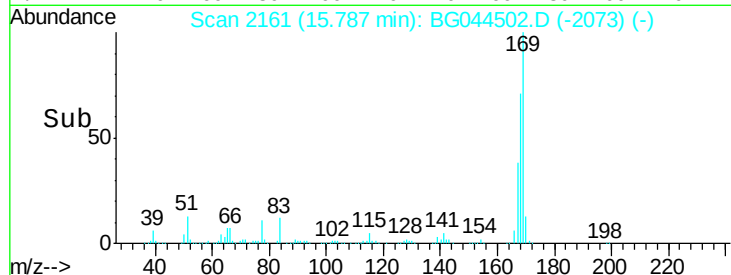
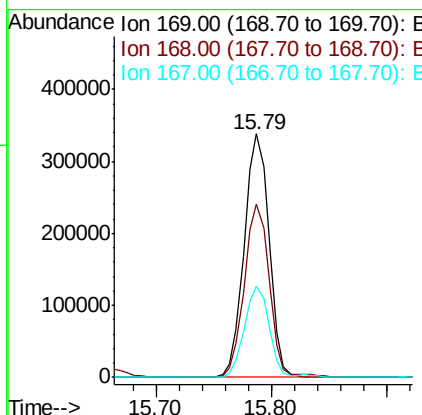
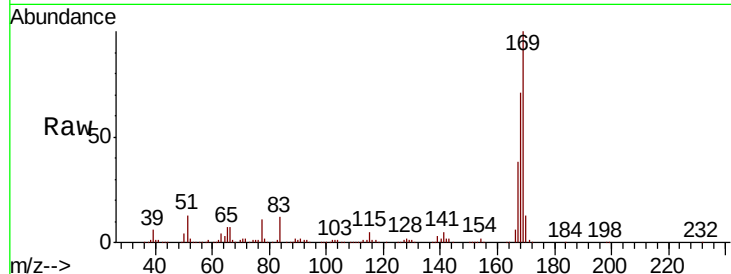




#66
 n-Nitrosodiphenylamine
 Concen: 47.480 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

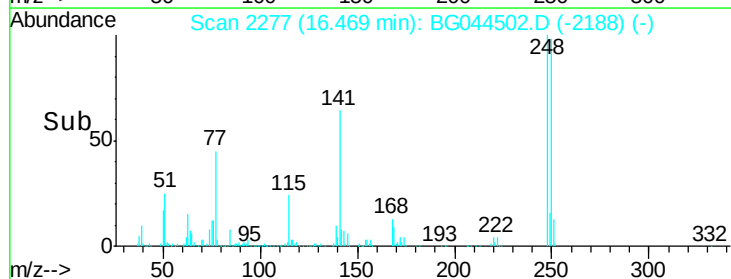
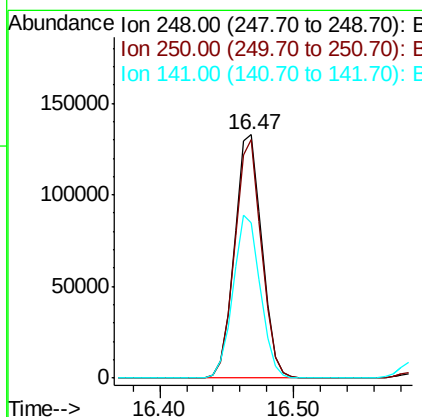
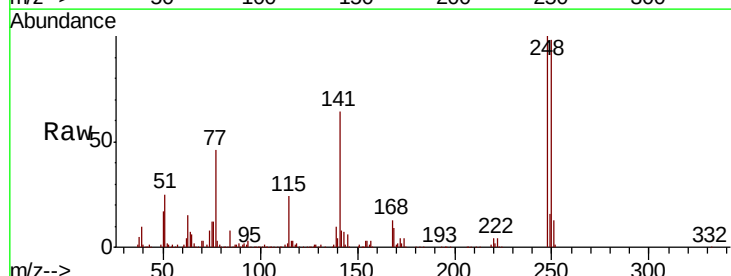
Instrument :
 BNA_G
 ClientSampleId :
 TP-A-DMS

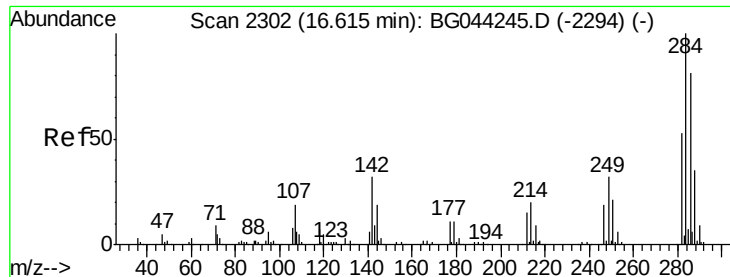
Tot Ion	169	Resp	504418
Ion Ratio	100		
Lower	57.9		
Upper	86.9		
168	71.2		
167	37.6		



#67
 4-Bromophenyl-phenylether
 Concen: 45.675 ng
 RT: 16.47 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Tgt Ion	248	Resp	188645
Ion Ratio	100		
Lower	76.6		
Upper	114.8		
250	97.8		
141	64.0		





#68

Hexachlorobenzene

Concen: 44.424 ng

RT: 16.59 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

TP-A-DMS

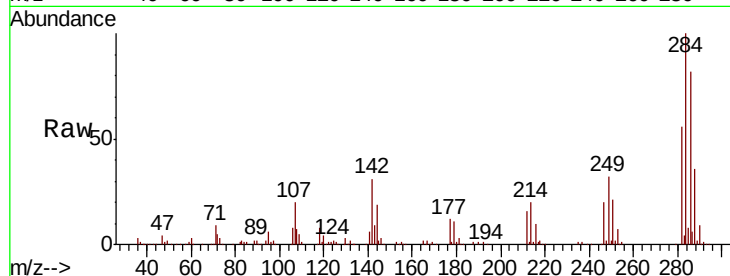
Tot Ion:284 Resp: 205555

Ion Ratio Lower Upper

284 100

142 30.7 25.3 37.9

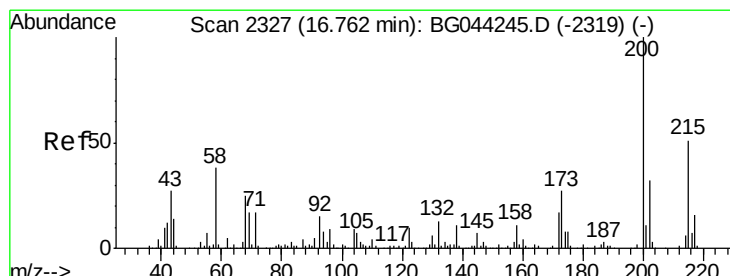
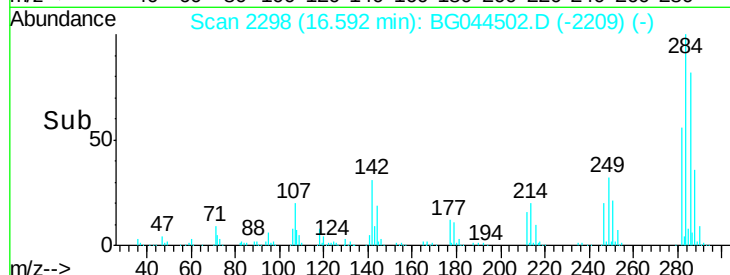
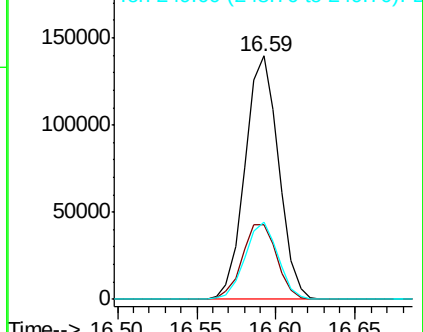
249 31.8 25.5 38.3



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: 56.478 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

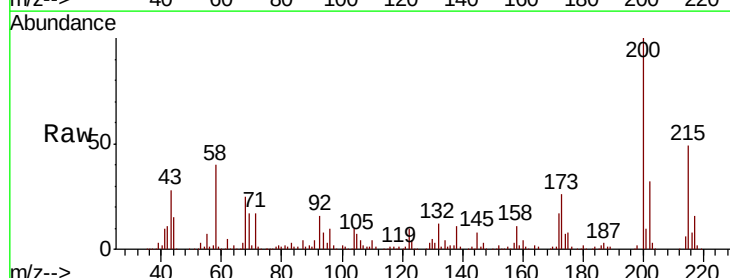
Tgt Ion:200 Resp: 205655

Ion Ratio Lower Upper

200 100

173 25.9 6.6 46.6

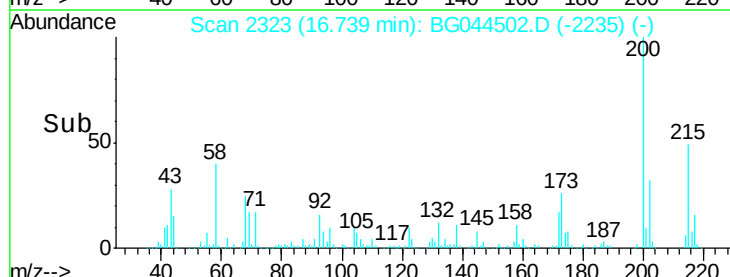
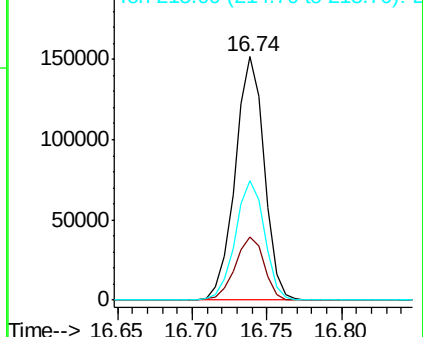
215 49.0 31.0 71.0

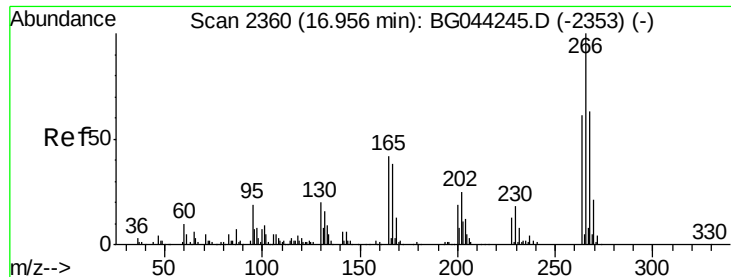


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

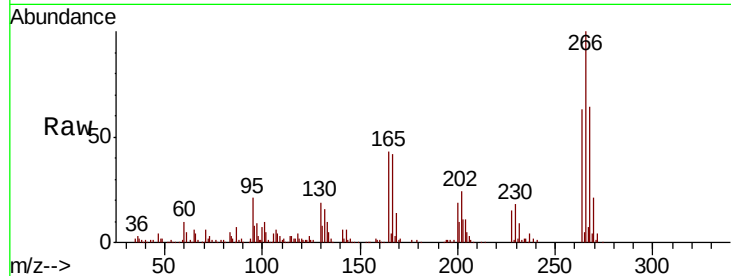




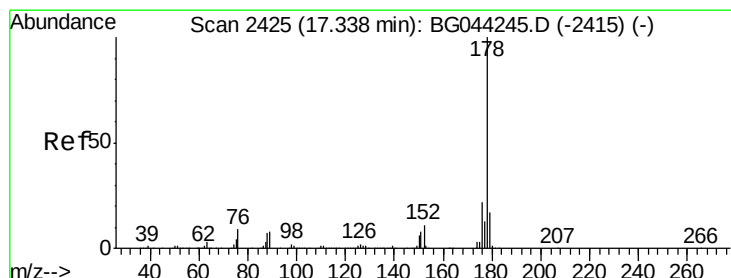
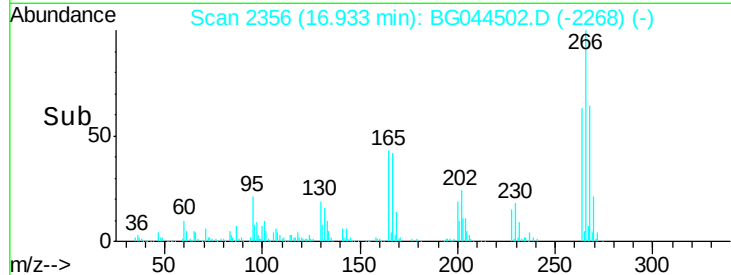
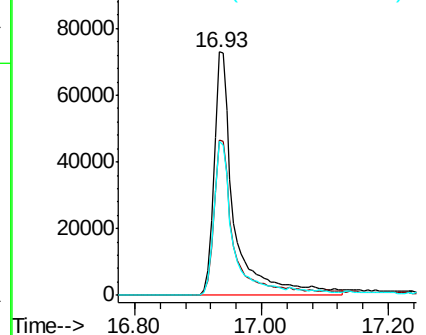
#70
 Pentachlorophenol
 Concen: 70.284 ng
 RT: 16.93 min Scan# 2356
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Instrument :
 BNA_G
 ClientSampleID :
 TP-A-DMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	50.6	75.8
264	63.2	48.7	73.1

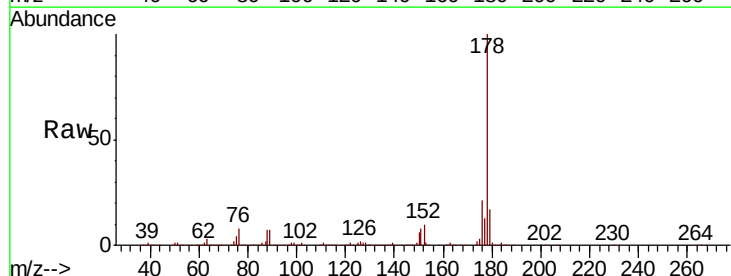


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

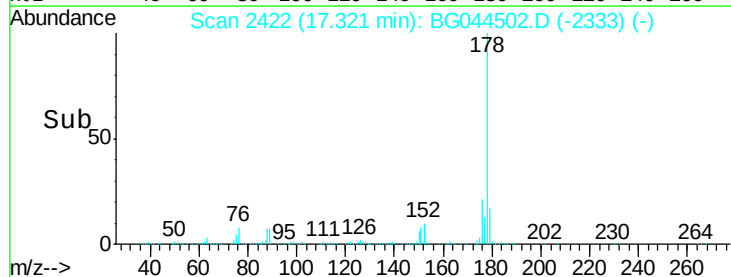
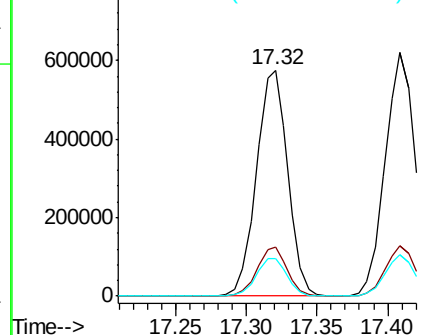


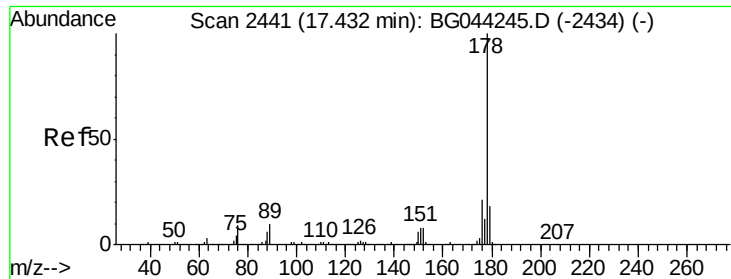
#71
 Phenanthrene
 Concen: 48.735 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.5	17.7	26.5
179	16.6	13.7	20.5



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 51.007 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

TP-A-DMS

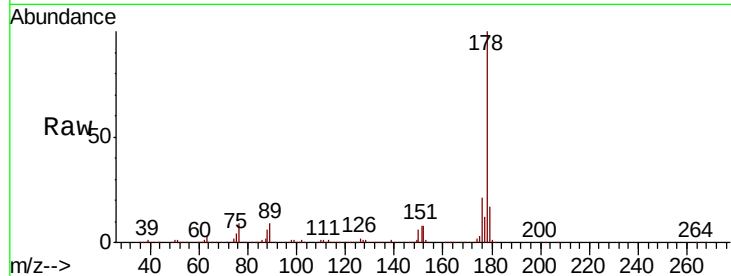
Tot Ion:178 Resp: 925701

Ion Ratio Lower Upper

178 100

176 20.8 17.0 25.4

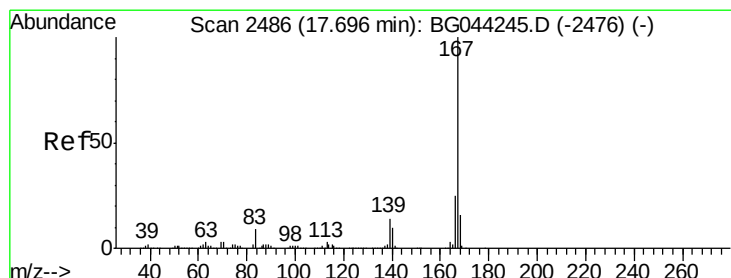
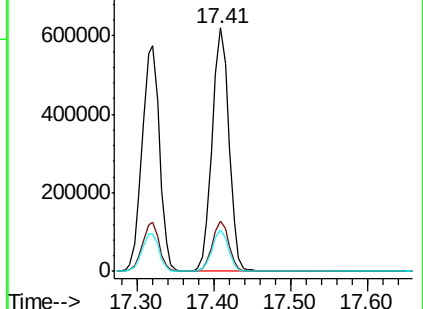
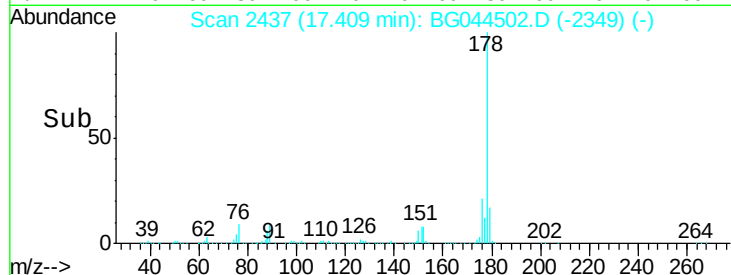
179 16.9 14.4 21.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 51.513 ng

RT: 17.68 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

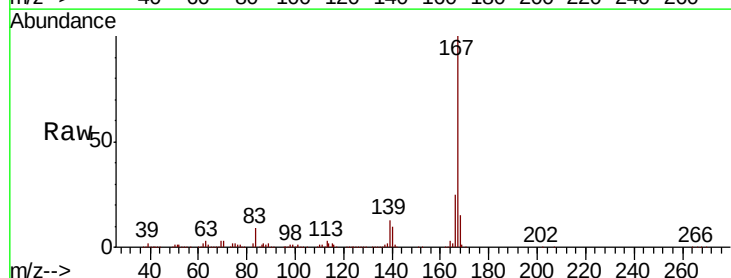
Tgt Ion:167 Resp: 861859

Ion Ratio Lower Upper

167 100

166 24.8 19.8 29.6

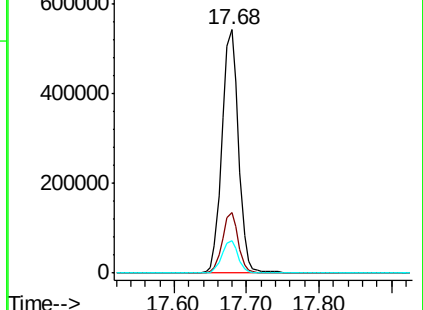
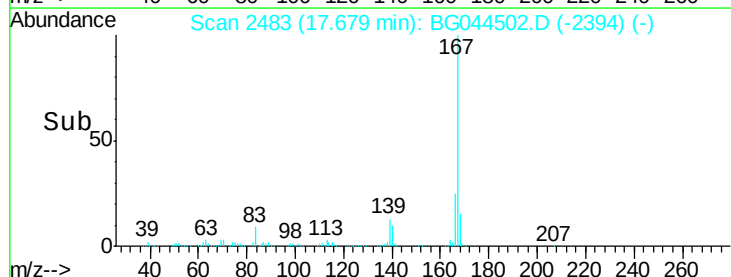
139 13.3 11.1 16.7

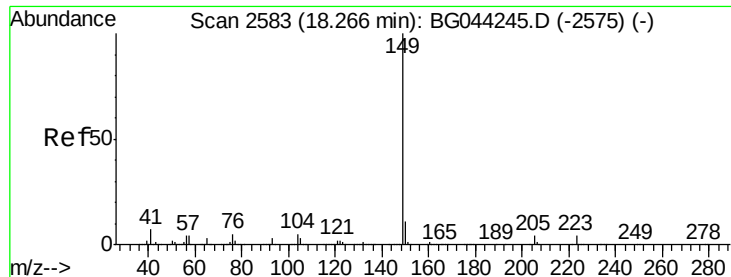


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 51.271 ng

RT: 18.24 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

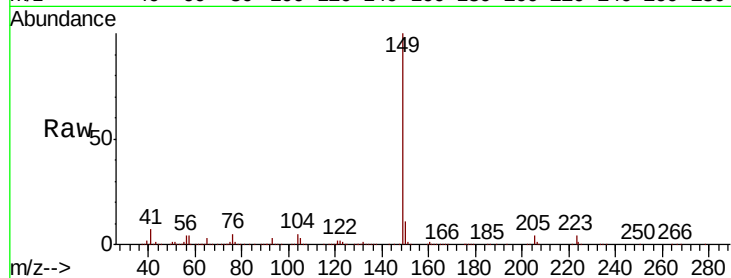
BNA_G

ClientSampleId :

TP-A-DMS

Tot Ion:149 Resp: 1060047

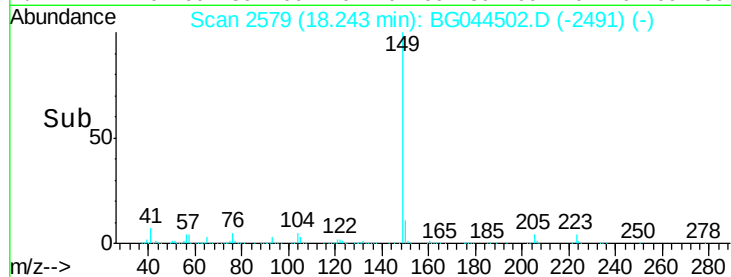
Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.7	13.1
104	5.3	4.3	6.5



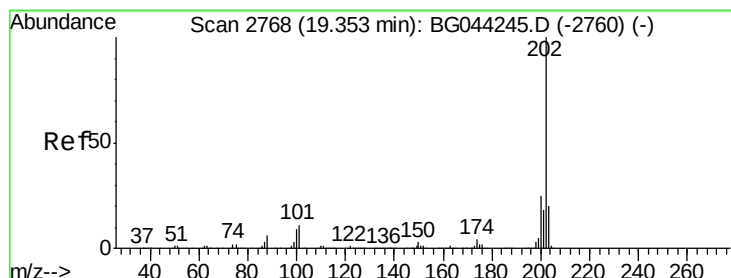
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#75

Fluoranthene

Concen: 52.237 ng

RT: 19.33 min Scan# 2764

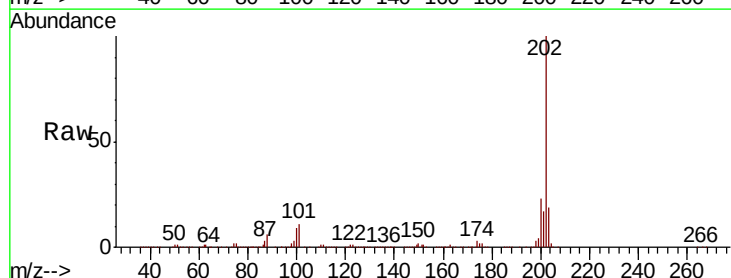
Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Tgt Ion:202 Resp: 1109278

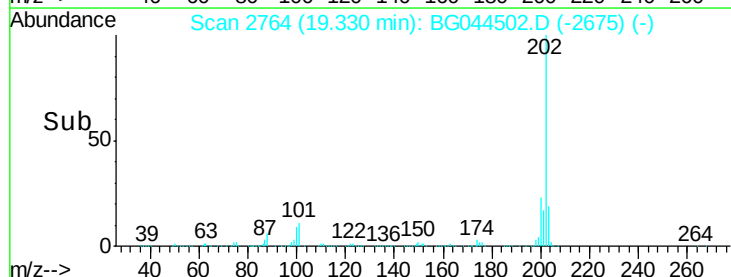
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.3
203	19.5	0.0	39.9



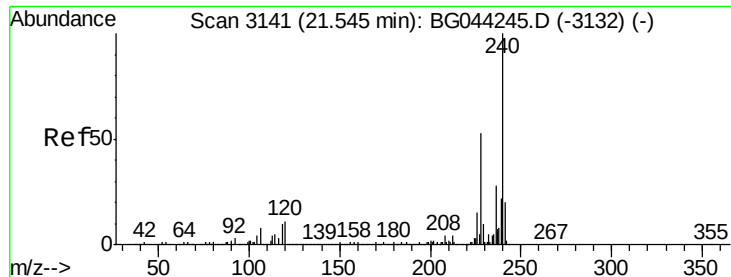
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



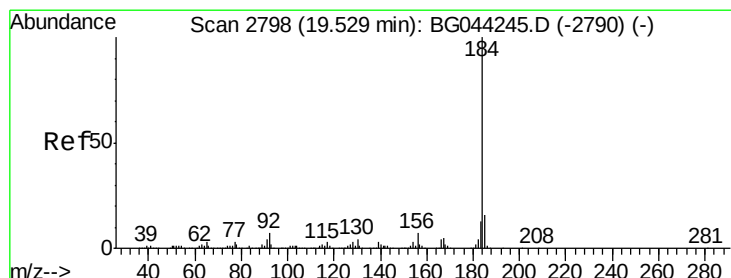
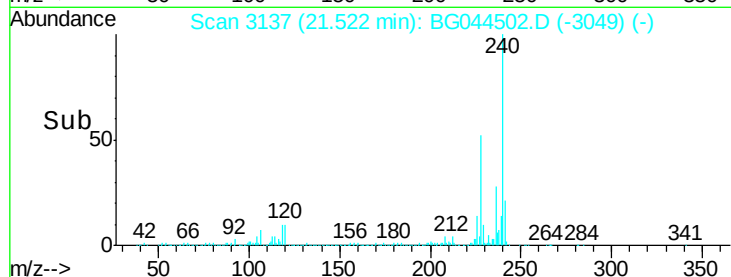
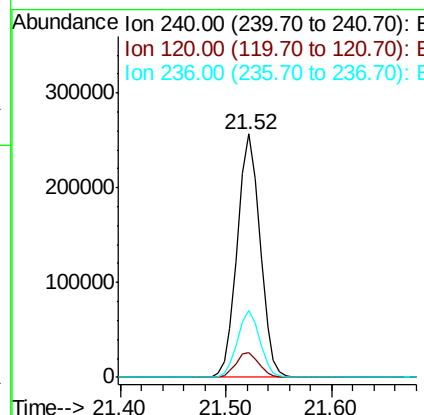
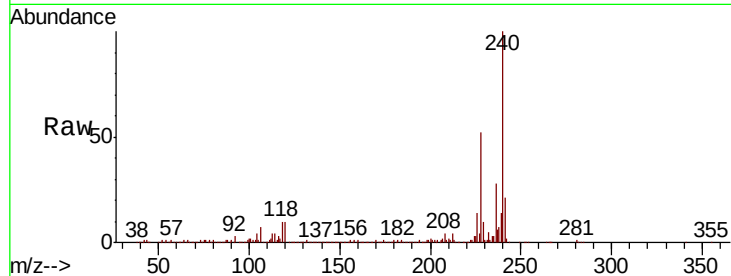
Time-->



#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

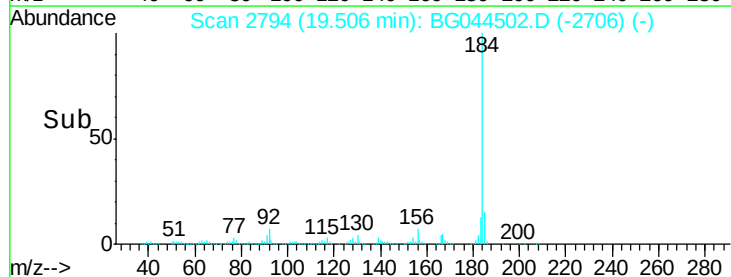
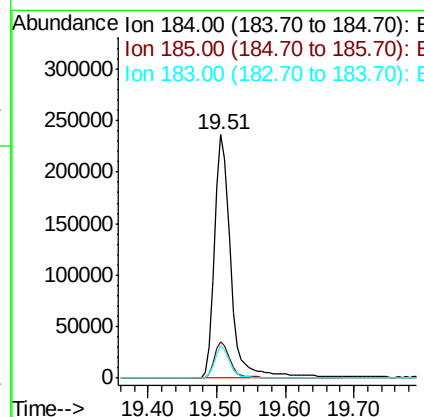
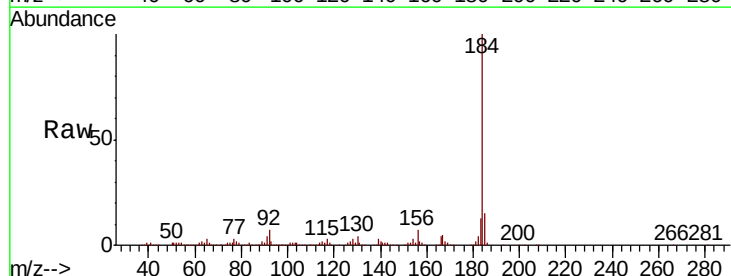
Instrument :
 BNA_G
 ClientSampleId :
 TP-A-DMS

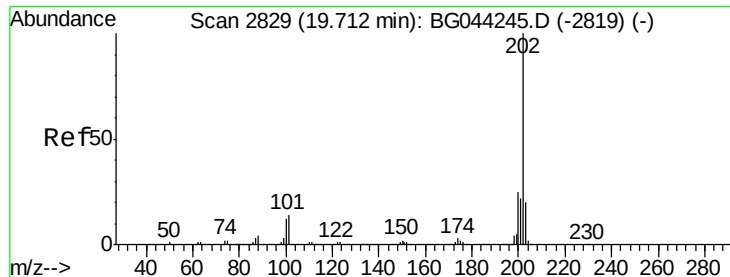
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.4	12.6
236	27.6	22.1	33.1



#77
 Benzidine
 Concen: 37.187 ng
 RT: 19.51 min Scan# 2794
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.9	19.3
183	13.4	10.8	16.2

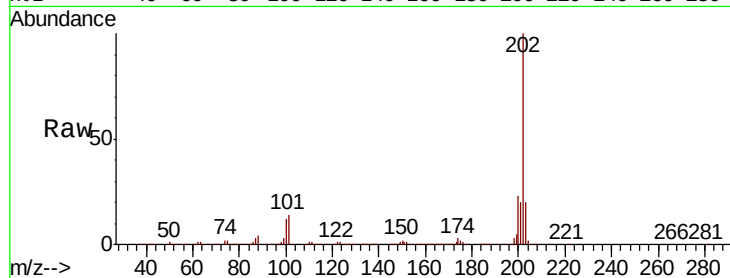




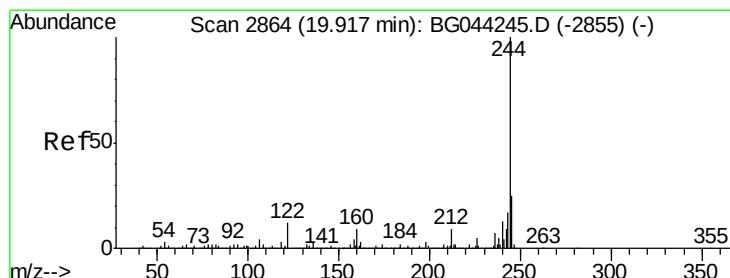
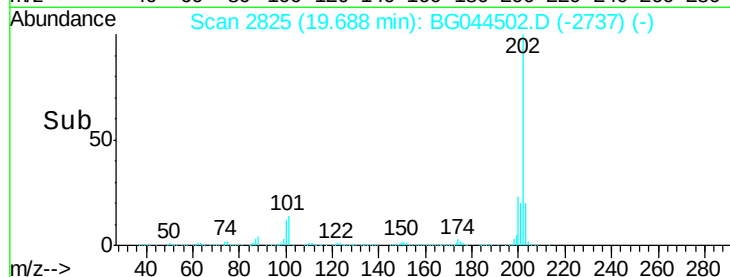
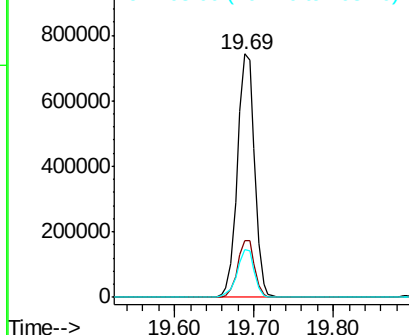
#78
Pvrene
Concen: 45.210 ng
RT: 19.69 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Instrument :
BNA_G
ClientSampleId :
TP-A-DMS

Tot Ion:202 Resp: 1110949
Ion Ratio Lower Upper
202 100
200 23.4 20.0 30.0
203 19.6 16.2 24.2

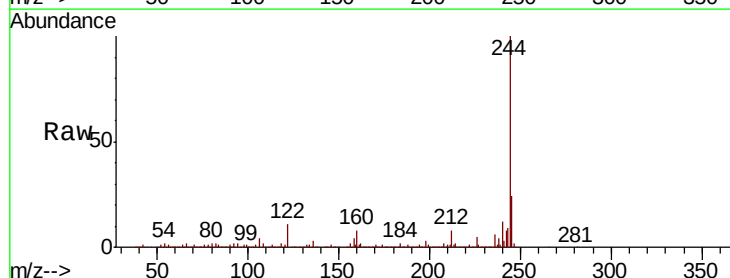


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

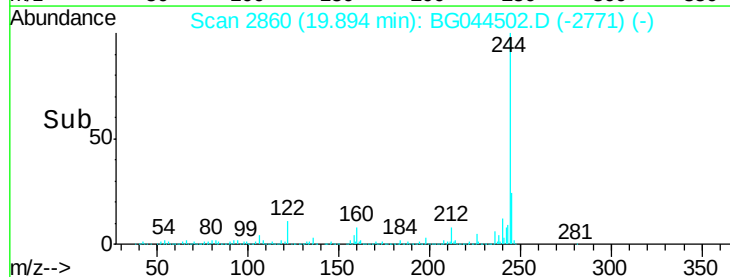
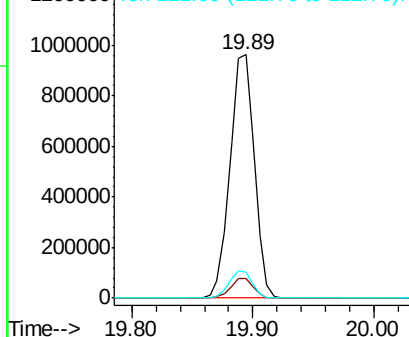


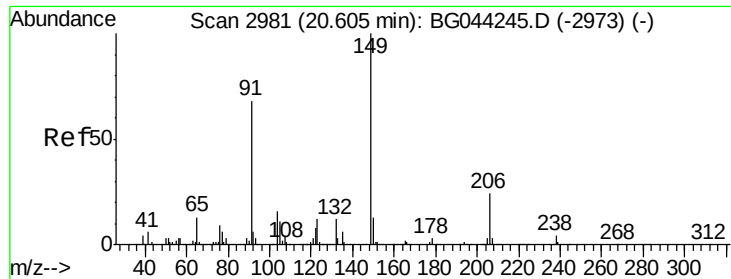
#79
Terphenyl-d14
Concen: 72.940 ng
RT: 19.89 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion:244 Resp: 1356894
Ion Ratio Lower Upper
244 100
212 8.2 7.4 11.2
122 10.6 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

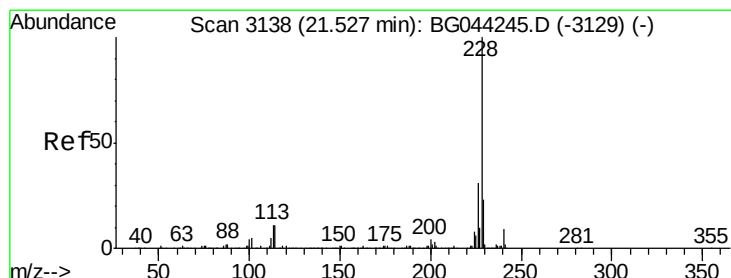
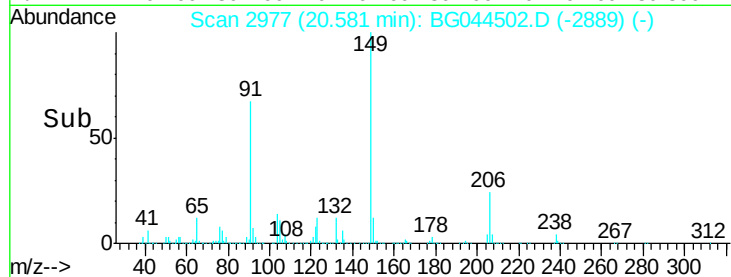
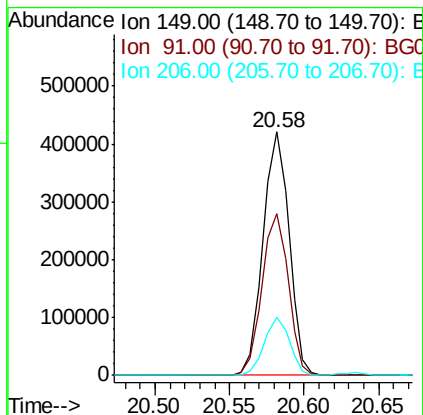
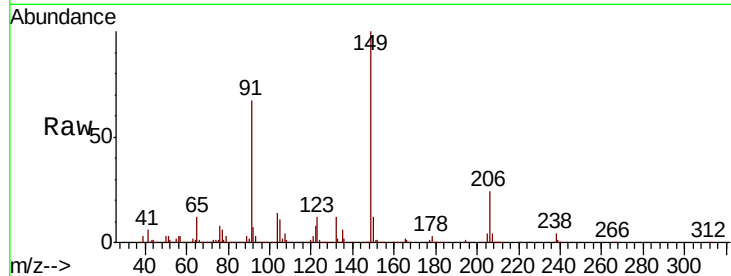




#80
Butylbenzylphthalate
Concen: 45.315 ng
RT: 20.58 min Scan# 2977
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

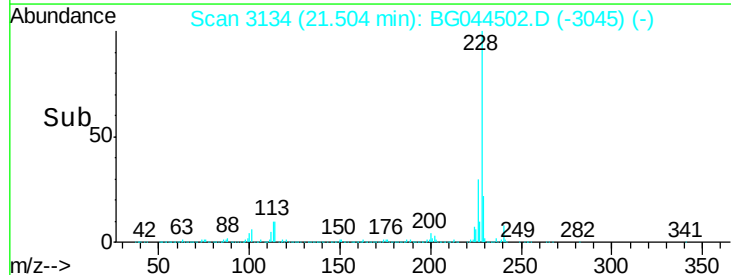
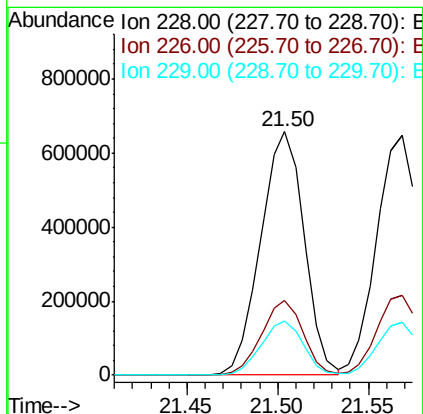
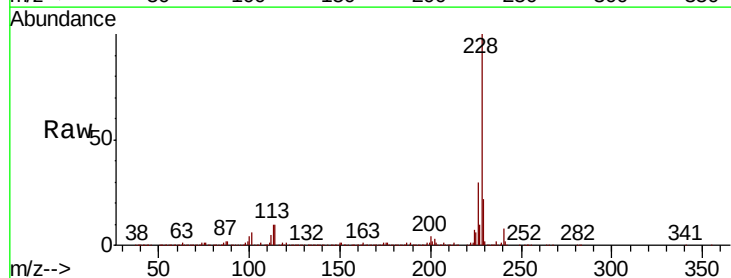
Instrument :
BNA_G
ClientSampleId :
TP-A-DMS

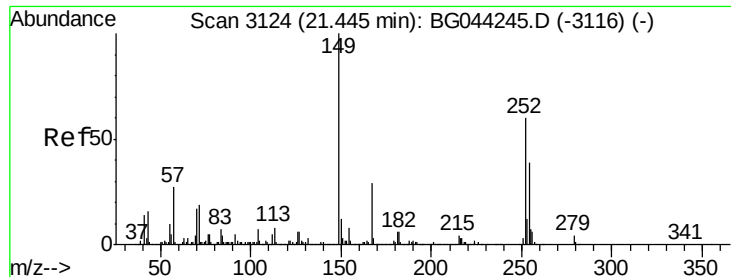
Tot Ion:149 Resp: 507447
Ion Ratio Lower Upper
149 100
91 66.7 54.5 81.7
206 23.7 19.1 28.7



#81
Benzo(a)anthracene
Concen: 46.583 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion:228 Resp: 1098528
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 22.2 18.2 27.4

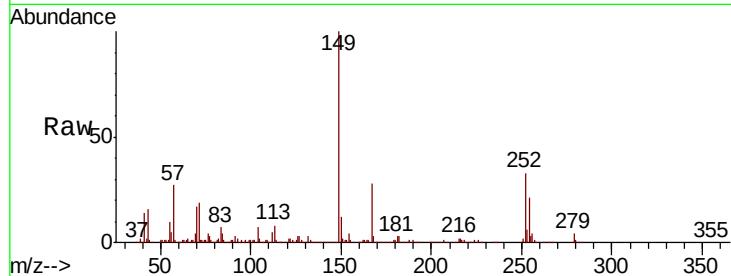




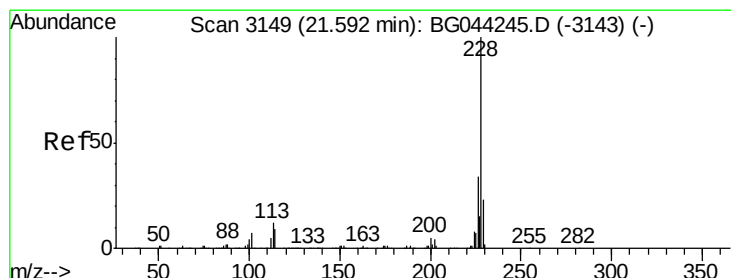
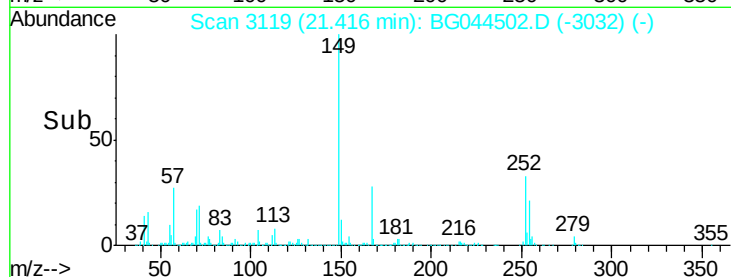
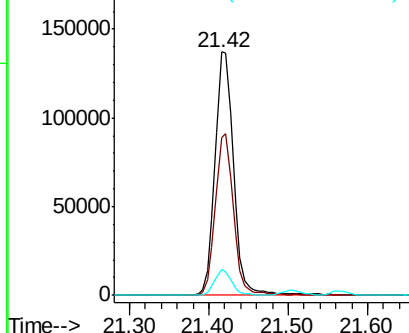
#82
 3,3'-Dichlorobenzidine
 Concen: 24.545 ng
 RT: 21.42 min Scan# 3119
 Delta R.T. -0.02 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Instrument :
 BNA_G
 ClientSampleId :
 TP-A-DMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.6	78.8
126	10.4	8.2	12.4

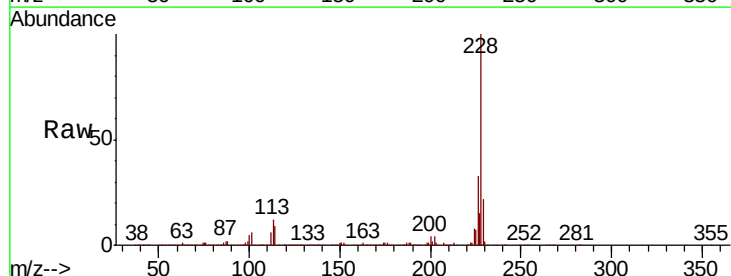


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

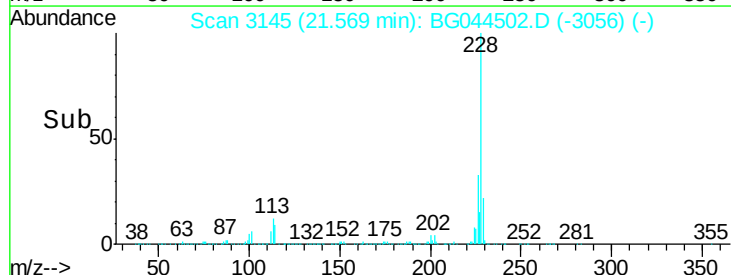
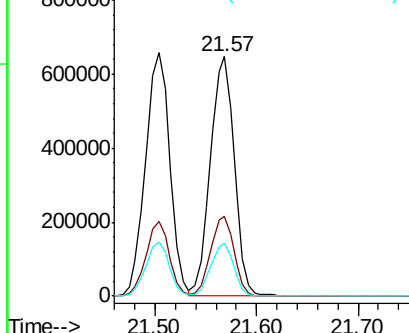


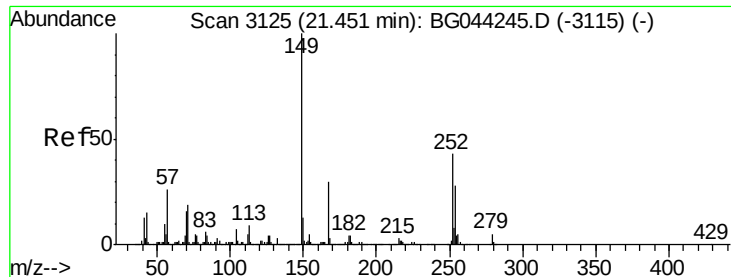
#83
 Chrysene
 Concen: 46.399 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	27.1	40.7
229	22.1	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: 46.300 ng

RT: 21.42 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

TP-A-DMS

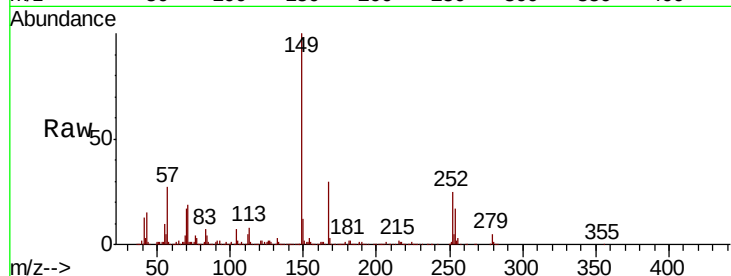
Tot Ion:149 Resp: 713639

Ion Ratio Lower Upper

149 100

167 30.1 24.0 36.0

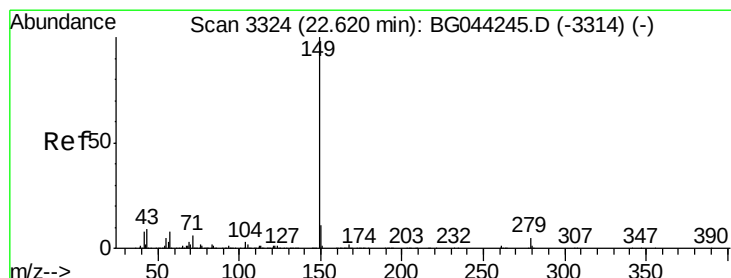
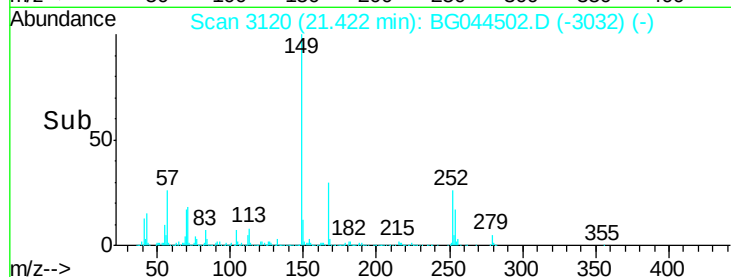
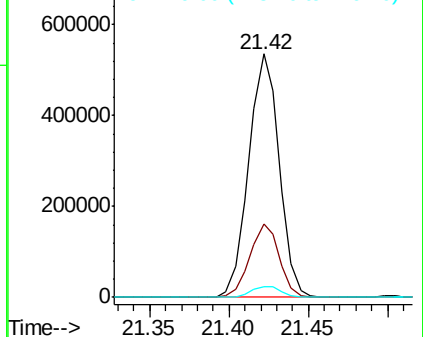
279 4.6 3.8 5.8



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: 47.365 ng

RT: 22.58 min Scan# 3318

Delta R.T. -0.02 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

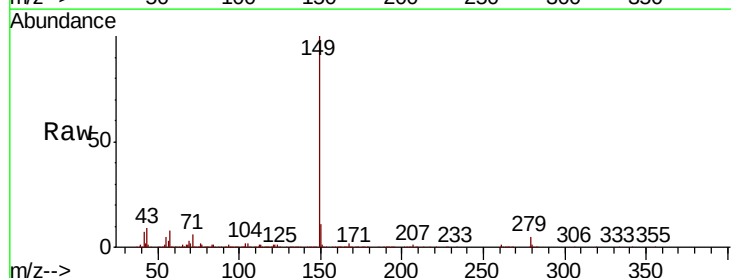
Tgt Ion:149 Resp: 1263151

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

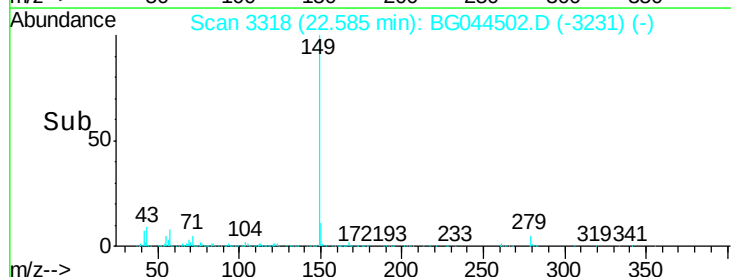
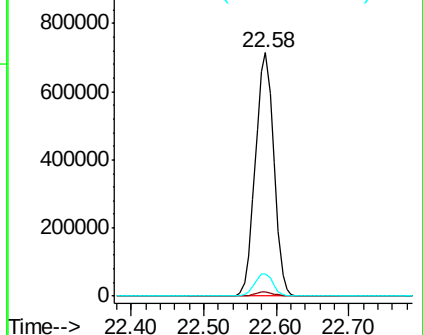
43 8.9 7.4 11.0

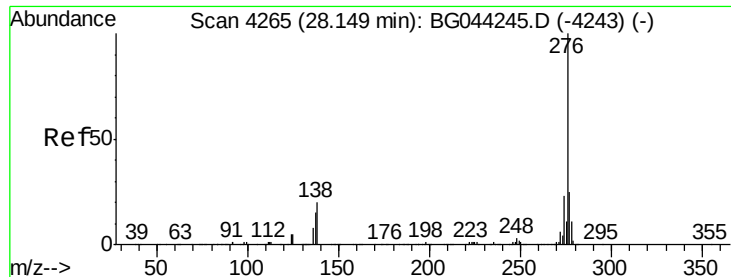


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

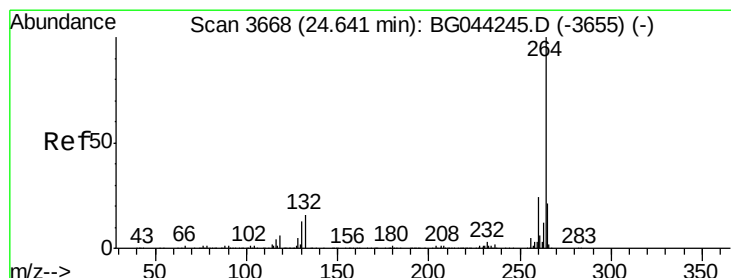
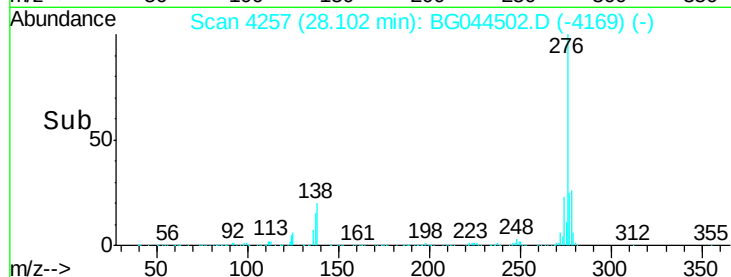
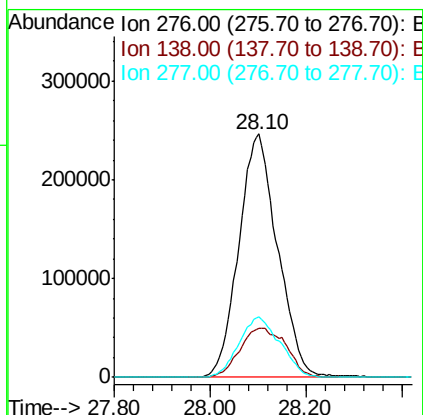
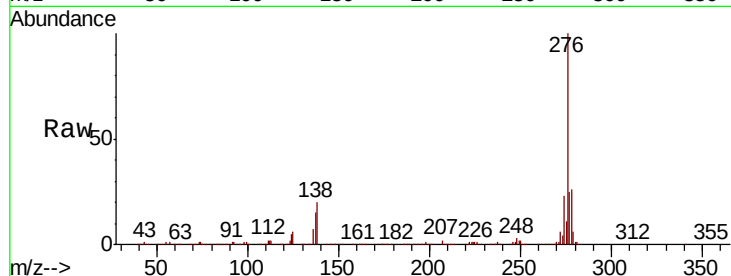




#86
Indeno(1,2,3-cd)pyrene
Concen: 46.517 ng
RT: 28.10 min Scan# 4257
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

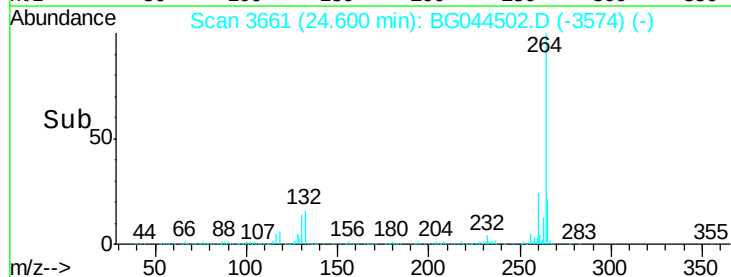
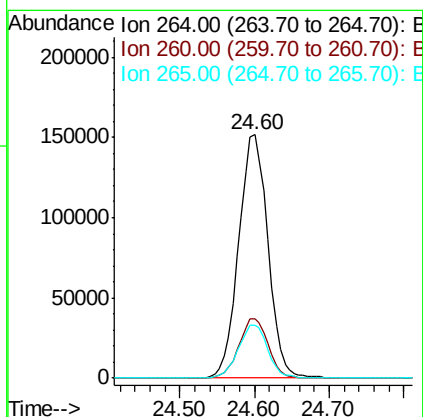
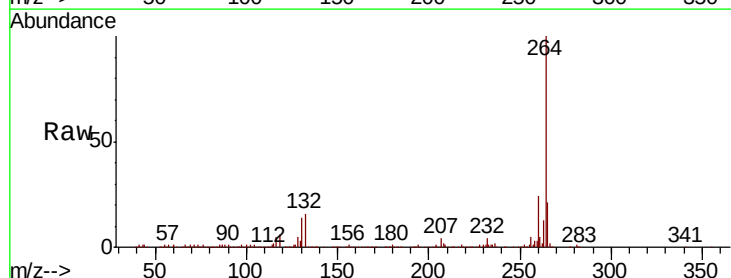
Instrument :
BNA_G
ClientSampleId :
TP-A-DMS

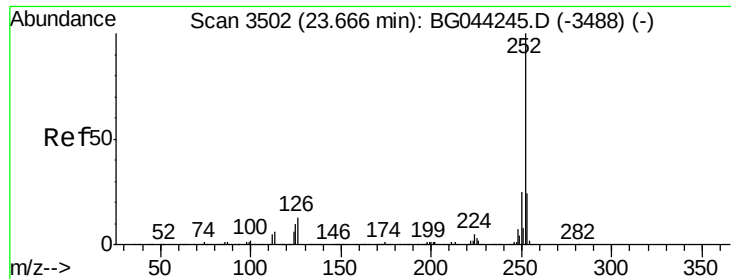
Tot Ion:276 Resp: 1383363
Ion Ratio Lower Upper
276 100
138 24.2 19.4 29.0
277 26.3 21.0 31.6



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.02 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion:264 Resp: 413898
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 21.5 16.7 25.1

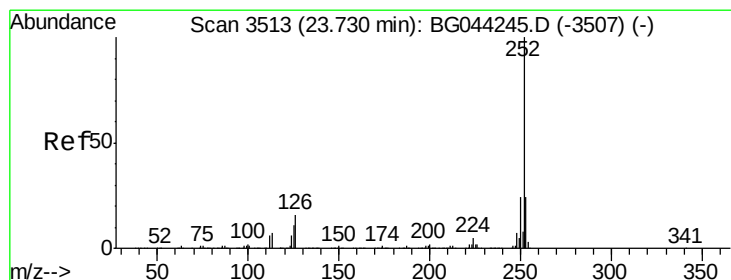
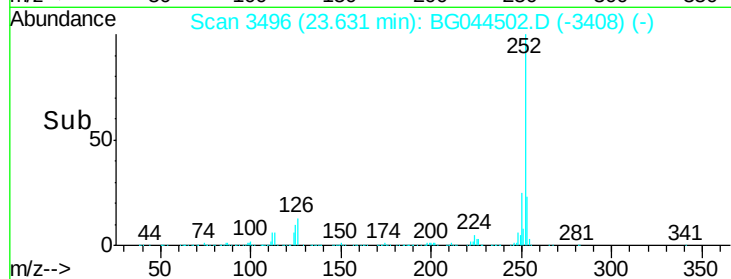
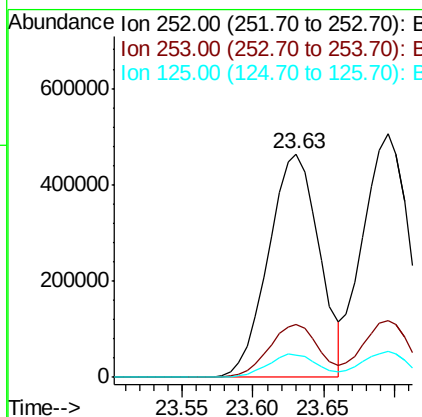
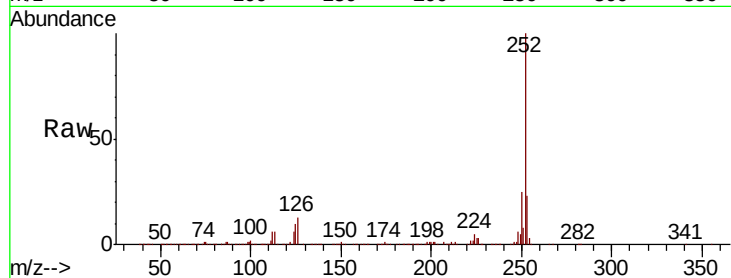




#88
Benzo(b)fluoranthene
Concen: 48.908 ng
RT: 23.63 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

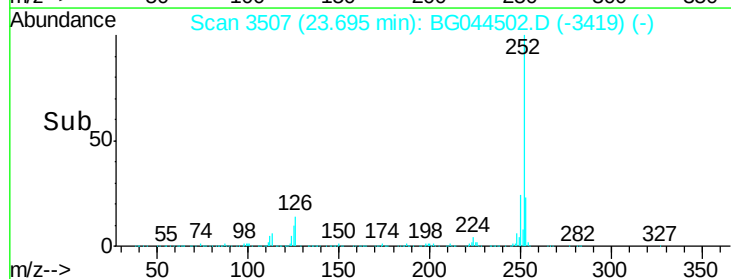
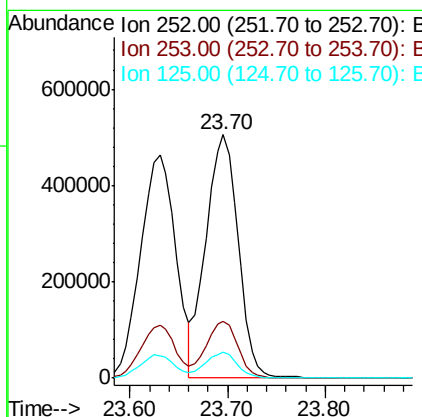
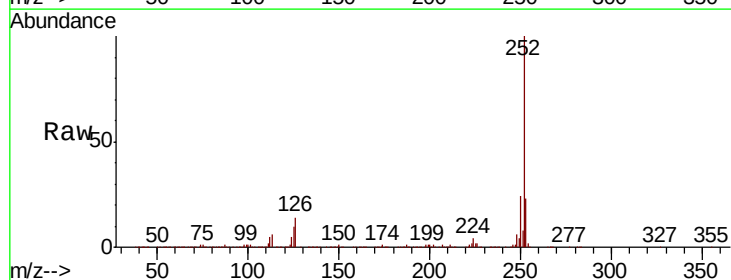
Instrument :
BNA_G
ClientSampleId :
TP-A-DMS

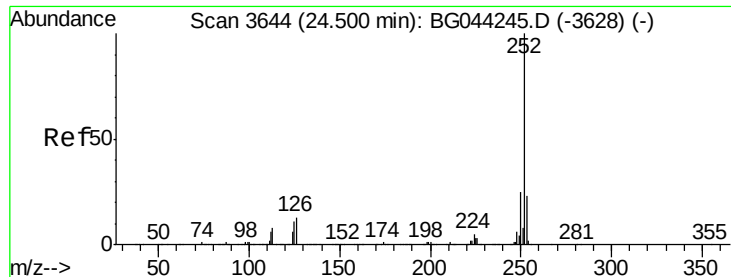
Tot Ion:252 Resp: 1166466
Ion Ratio Lower Upper
252 100
253 23.5 19.2 28.8
125 10.0 8.4 12.6



#89
Benzo(k)fluoranthene
Concen: 49.716 ng
RT: 23.70 min Scan# 3507
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion:252 Resp: 1155659
Ion Ratio Lower Upper
252 100
253 23.5 19.1 28.7
125 10.4 8.6 12.8





#90

Benzo(a)pyrene

Concen: 48.326 ng

RT: 24.46 min Scan# 3637

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

TP-A-DMS

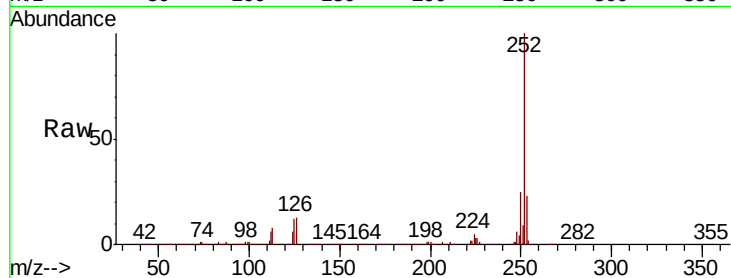
Tot Ion:252 Resp: 1089760

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

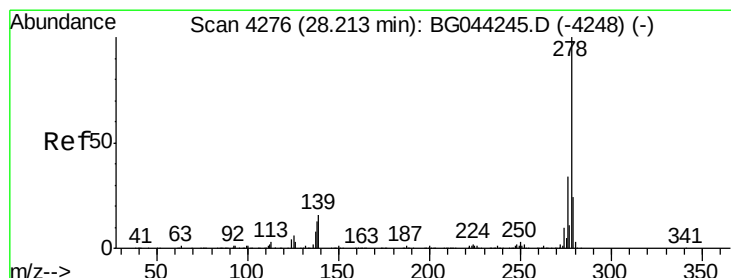
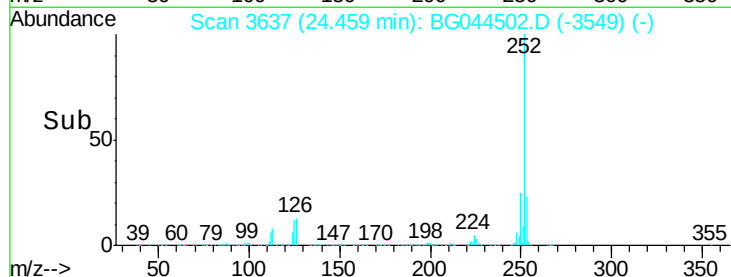
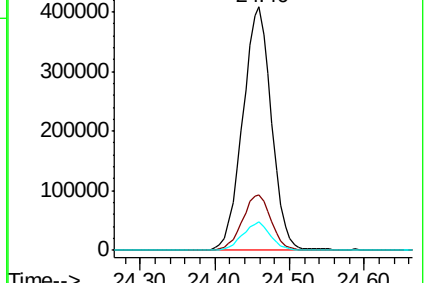
125 11.6 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 51.167 ng

RT: 28.15 min Scan# 4265

Delta R.T. -0.03 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

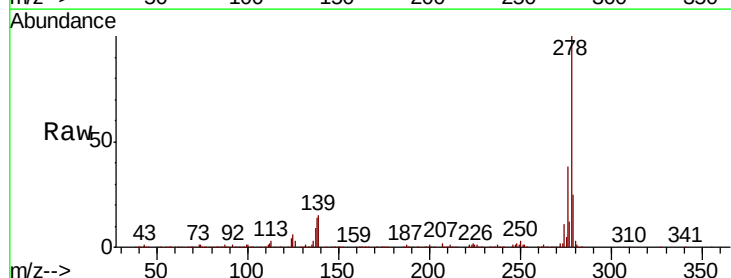
Tgt Ion:278 Resp: 1141898

Ion Ratio Lower Upper

278 100

139 15.5 12.7 19.1

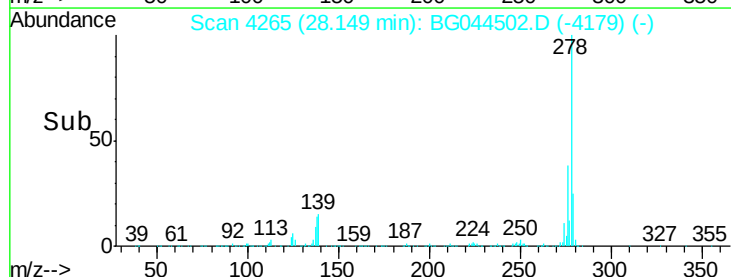
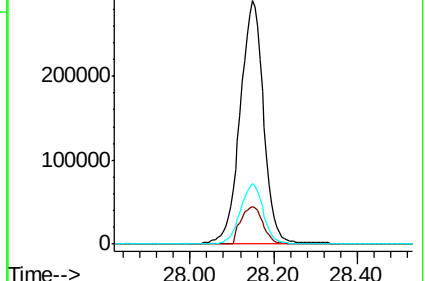
279 24.8 19.3 28.9

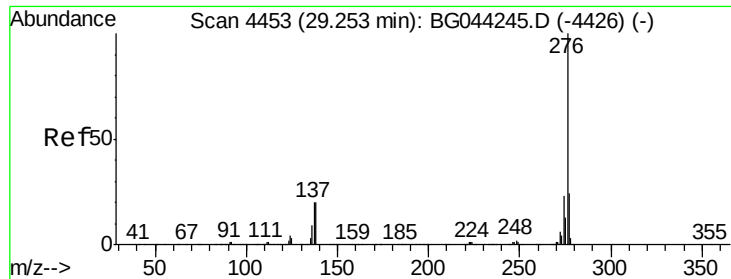


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



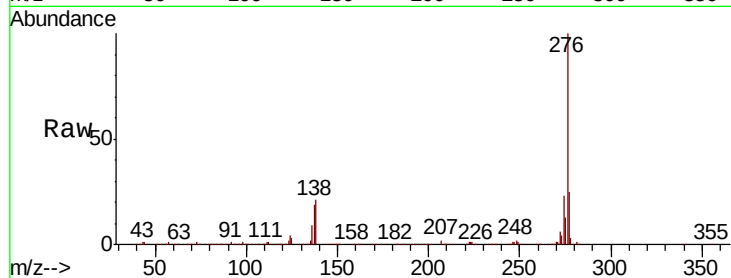


#92
 Benzo(a,h,i)perylene
 Concen: 52.263 ng
 RT: 29.18 min Scan# 4441
 Delta R.T. -0.02 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Instrument :
 BNA_G
 ClientSampleId :
 TP-A-DMS

Tot Ion: 276 Resp: 1167603

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.8	28.2
138	21.3	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

