

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021720\
 Data File : BG044453.D
 Acq On : 17 Feb 2020 18:59
 Operator : CG/JU
 Sample : L1544-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 18 06:05:45 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	70854	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	285788	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	186330	20.00	ng	-0.02
64) Phenanthrene-d10	17.28	188	412817	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	398812	20.00	ng	-0.02
87) Perylene-d12	24.59	264	433199	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	432077	107.62	ng	0.00
7) Phenol-d6	7.07	99	575364	106.72	ng	-0.01
23) Nitrobenzene-d5	9.05	82	338823	66.93	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	225242	102.97	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	773785	69.54	ng	-0.01
79) Terphenyl-d14	19.89	244	1192644	61.51	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	76858	42.609	ng	99
3) Pyridine	3.75	79	187300	38.974	ng	97
4) n-Nitrosodimethylamine	3.66	42	91777	45.701	ng	96
6) Aniline	7.21	93	203560	30.419	ng	98
8) 2-Chlorophenol	7.46	128	233016	52.810	ng	98
9) Benzaldehyde	7.02	77	95421	31.077	ng	98
10) Phenol	7.10	94	286611	53.718	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	212954	46.685	ng	99
12) 1,3-Dichlorobenzene	7.78	146	244383	46.389	ng	98
13) 1,4-Dichlorobenzene	7.92	146	246188	47.183	ng	99
14) 1,2-Dichlorobenzene	8.25	146	232438	47.130	ng	98
15) Benzyl Alcohol	8.13	79	187859	49.218	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.42	45	271409	43.961	ng	99
17) 2-Methylphenol	8.34	107	196875	51.717	ng	98
18) Hexachloroethane	8.98	117	88864	45.385	ng	94
19) n-Nitroso-di-n-propylamine	8.70	70	163195	45.420	ng	97
20) 3+4-Methylphenols	8.67	107	269389	51.348	ng	100
22) Acetophenone	8.71	105	309920	44.578	ng	99
24) Nitrobenzene	9.09	77	229819	46.504	ng	98
25) Isophorone	9.62	82	451131	47.814	ng	99
26) 2-Nitrophenol	9.80	139	130754	50.991	ng	99
27) 2,4-Dimethylphenol	9.87	122	220187	60.829	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	288907	45.901	ng	99
29) 2,4-Dichlorophenol	10.34	162	229495	52.433	ng	99
30) 1,2,4-Trichlorobenzene	10.56	180	233617	46.549	ng	98
31) Naphthalene	10.74	128	674757	48.664	ng	100
32) Benzoic acid	10.04	122	71151	35.203	ng	89
33) 4-Chloroaniline	10.85	127	111922	17.748	ng	98
34) Hexachlorobutadiene	11.04	225	139756	45.255	ng	98
35) Caprolactam	11.62	113	46037	28.713	ng	99
36) 4-Chloro-3-methylphenol	11.98	107	239305	52.148	ng	99
37) 2-Methylnaphthalene	12.35	142	504551	49.010	ng	99
38) 1-Methylnaphthalene	12.57	142	475796	49.022	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	255893	45.910	ng	99

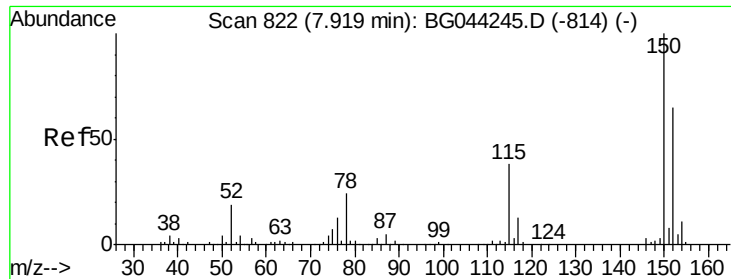
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021720\
 Data File : BG044453.D
 Acq On : 17 Feb 2020 18:59
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	280471	104.871	ng	98
43) 2,4,6-Trichlorophenol	12.96	196	182706	50.713	ng	99
44) 2,4,5-Trichlorophenol	13.04	196	194757	52.926	ng	98
46) 1,1'-Biphenyl	13.36	154	644181	47.929	ng	98
47) 2-Chloronaphthalene	13.41	162	502277	46.963	ng	99
48) 2-Nitroaniline	13.61	65	144067	45.644	ng	97
49) Acenaphthylene	14.25	152	799528	50.968	ng	99
50) Dimethylphthalate	13.99	163	676037	50.473	ng	100
51) 2,6-Dinitrotoluene	14.10	165	148093	49.589	ng	95
52) Acenaphthene	14.60	154	490166	48.208	ng	99
53) 3-Nitroaniline	14.43	138	71760	21.719	ng	97
54) 2,4-Dinitrophenol	14.65	184	157774	88.287	ng	96
55) Dibenzofuran	14.93	168	760690	49.414	ng	99
56) 4-Nitrophenol	14.76	139	264687	109.366	ng	98
57) 2,4-Dinitrotoluene	14.89	165	207878	49.664	ng	96
58) Fluorene	15.58	166	602217	49.667	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	177147	53.296	ng	97
60) Diethylphthalate	15.36	149	646399	48.434	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	318447	48.438	ng	99
62) 4-Nitroaniline	15.60	138	144527	43.777	ng	97
63) Azobenzene	15.87	77	567188	48.490	ng	97
65) 4,6-Dinitro-2-methylphenol	15.66	198	128951	56.589	ng	97
66) n-Nitrosodiphenylamine	15.79	169	567553	49.058	ng	99
67) 4-Bromophenyl-phenylether	16.47	248	213107	47.382	ng	97
68) Hexachlorobenzene	16.59	284	232266	46.095	ng	99
69) Atrazine	16.74	200	220645	55.644	ng	99
70) Pentachlorophenol	16.94	266	242213	94.467	ng	98
71) Phenanthrene	17.32	178	979217	48.985	ng	99
72) Anthracene	17.41	178	1006658	50.936	ng	99
73) Carbazole	17.68	167	907730	49.822	ng	99
74) Di-n-butylphthalate	18.24	149	1121902	49.829	ng	99
75) Fluoranthene	19.33	202	1178956	50.982	ng	100
77) Benzidine	19.50	184	419993	37.967	ng	97
78) Pyrene	19.69	202	1183684	46.216	ng	99
80) Butylbenzylphthalate	20.58	149	521822	44.709	ng	100
81) Benzo(a)anthracene	21.50	228	1144217	46.552	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	226487	23.742	ng	99
83) Chrysene	21.56	228	1088752	45.827	ng	100
84) Bis(2-ethylhexyl)phthalate	21.42	149	733950	45.686	ng	100
85) Di-n-octyl phthalate	22.58	149	1306526	47.004	ng	99
86) Indeno(1,2,3-cd)pyrene	28.08	276	1425588	45.993	ng	99
88) Benzo(b)fluoranthene	23.62	252	1234978	49.473	ng	99
89) Benzo(k)fluoranthene	23.69	252	1187882	48.825	ng	98
90) Benzo(a)pyrene	24.45	252	1137383	48.191	ng	98
91) Dibenzo(a,h)anthracene	28.15	278	1174693	50.291	ng	98
92) Benzo(g,h,i)perylene	29.17	276	1198185	51.242	ng	99

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

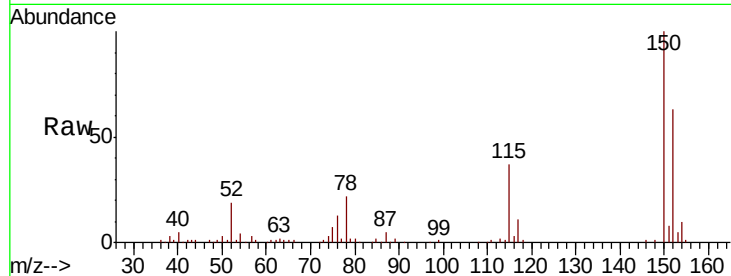


#1

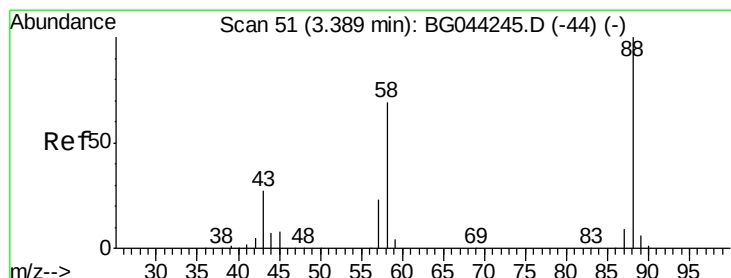
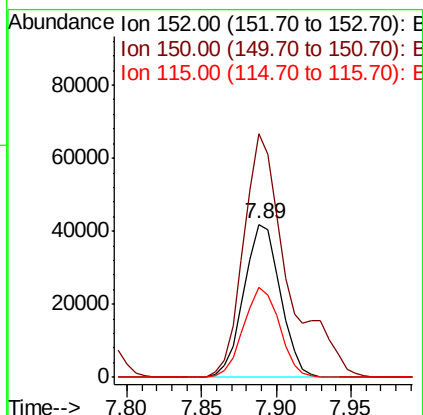
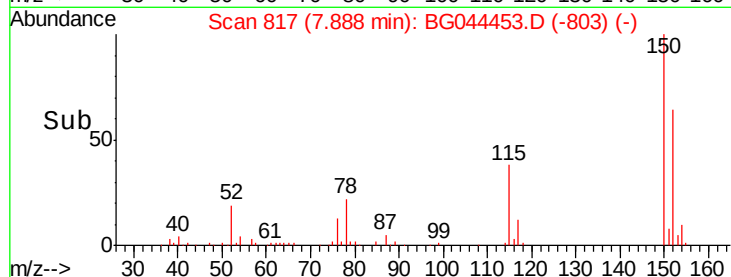
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 70854
Ion Ratio Lower Upper
152 100
150 158.9 122.6 183.8
115 58.5 46.0 69.0



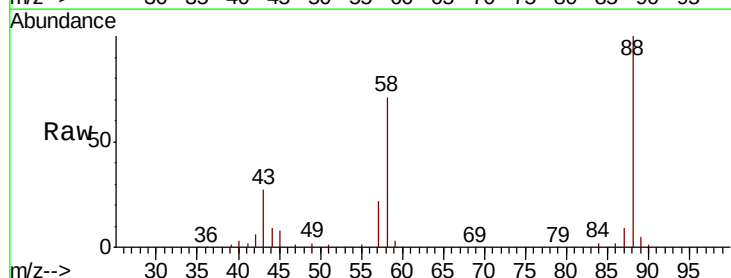
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



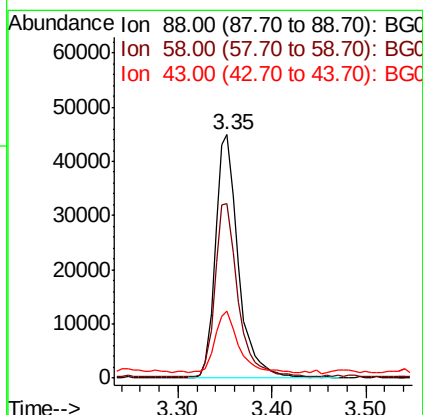
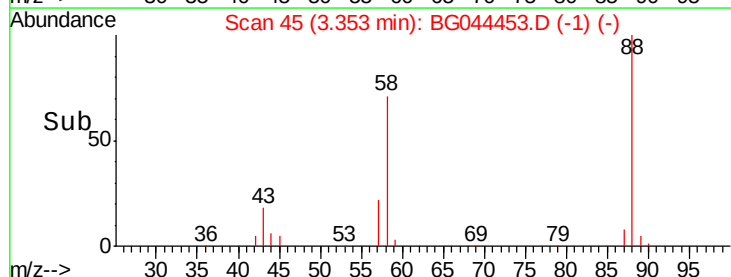
#2

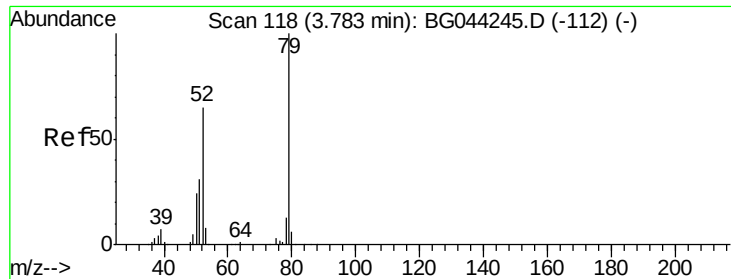
1,4-Dioxane
Concen: 42.609 ng
RT: 3.35 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion: 88 Resp: 76858
Ion Ratio Lower Upper
88 100
58 70.0 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: 38.974 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.02 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

ClientSampled :

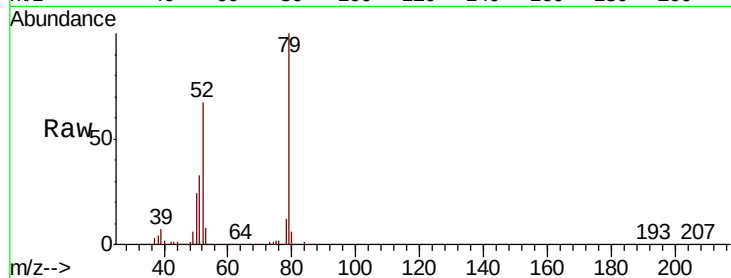
Tot Ion: 79 Resp: 187300

Ion Ratio Lower Upper

79 100

52 67.3 51.9 77.9

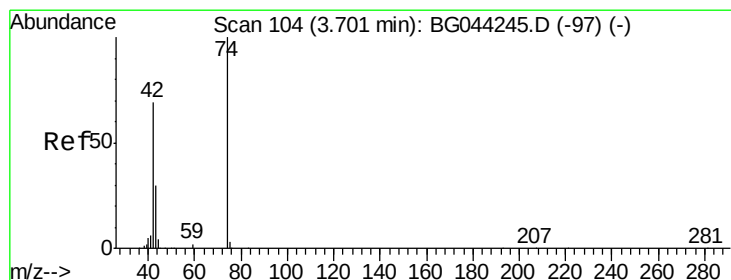
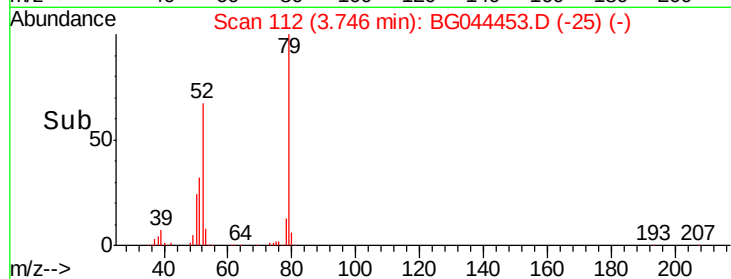
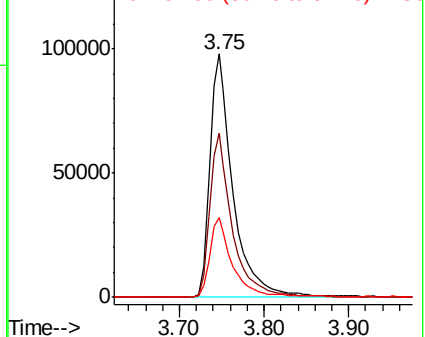
51 32.8 25.3 37.9



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: 45.701 ng

RT: 3.66 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

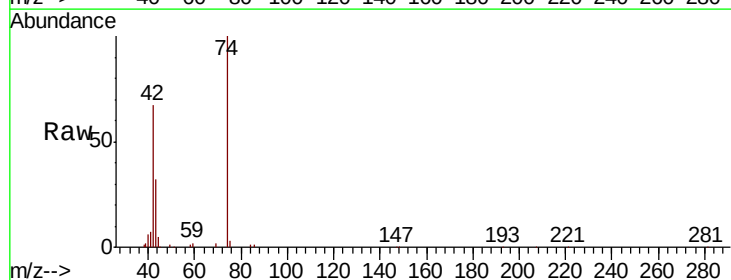
Tgt Ion: 42 Resp: 91777

Ion Ratio Lower Upper

42 100

74 148.9 115.1 172.7

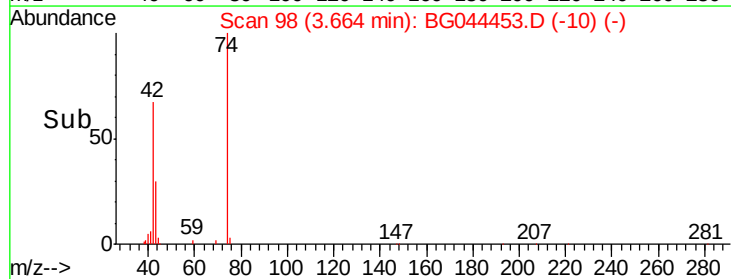
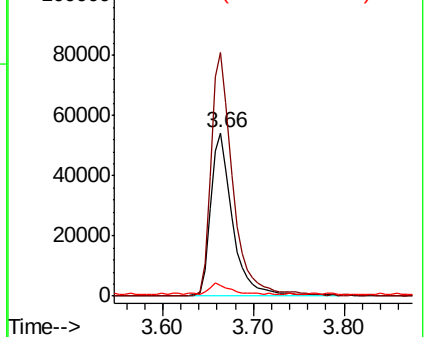
44 6.8 5.6 8.4

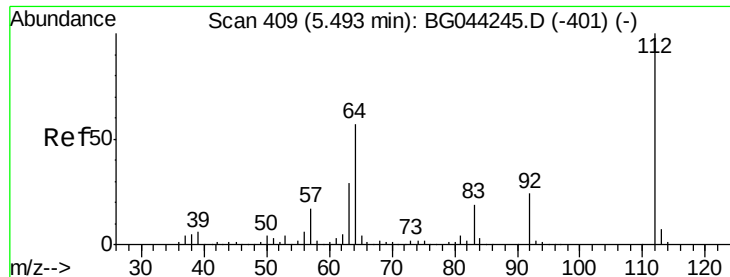


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 107.622 ng

RT: 5.47 min Scan# 406

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

ClientSampleId :

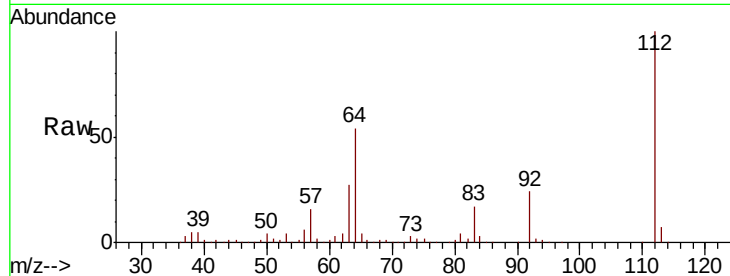
Tot Ion:112 Resp: 432077

Ion Ratio Lower Upper

112 100

64 53.7 45.4 68.2

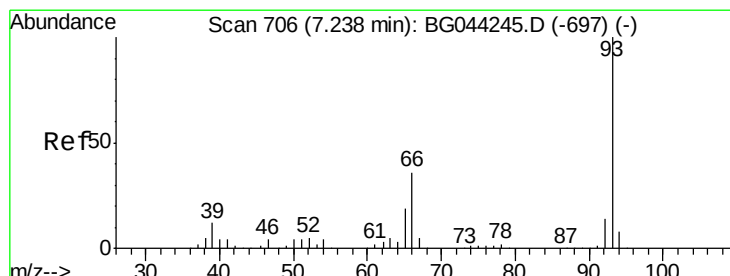
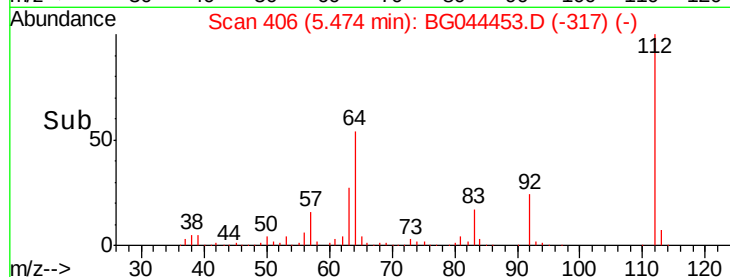
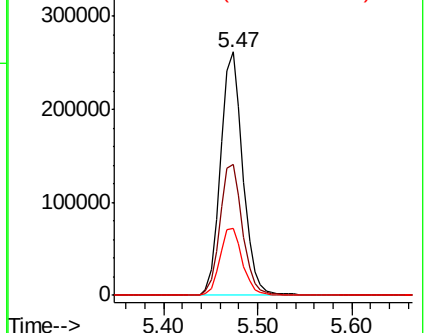
63 27.4 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.419 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

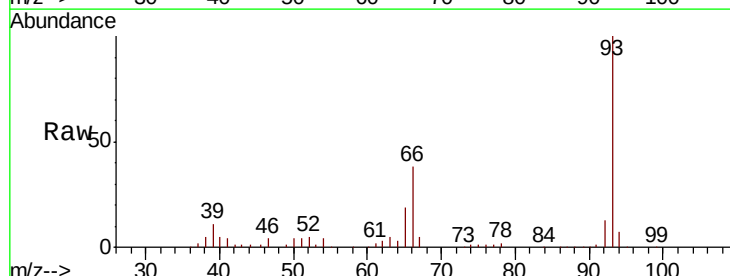
Tgt Ion: 93 Resp: 203560

Ion Ratio Lower Upper

93 100

66 37.7 28.7 43.1

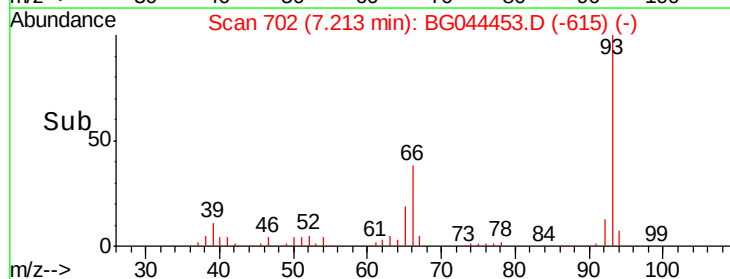
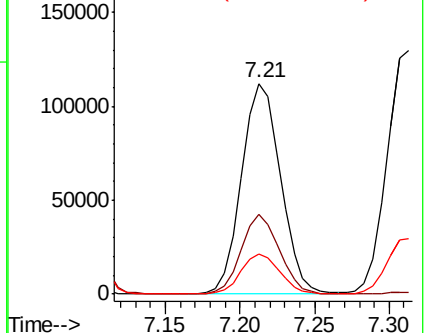
65 18.7 15.4 23.0

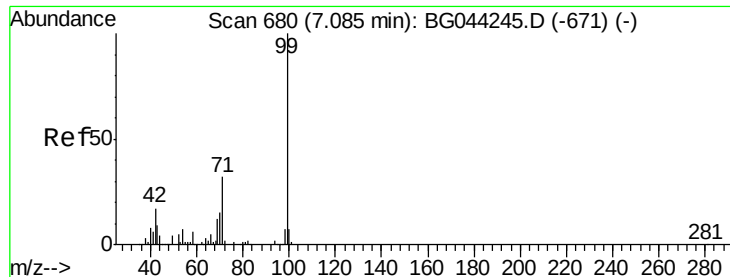


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 106.723 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

ClientSampleId :

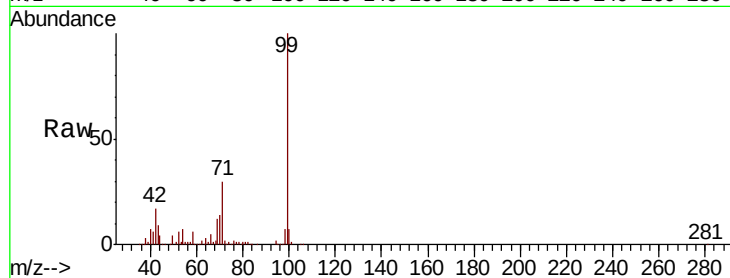
Tot Ion: 99 Resp: 575364

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.6

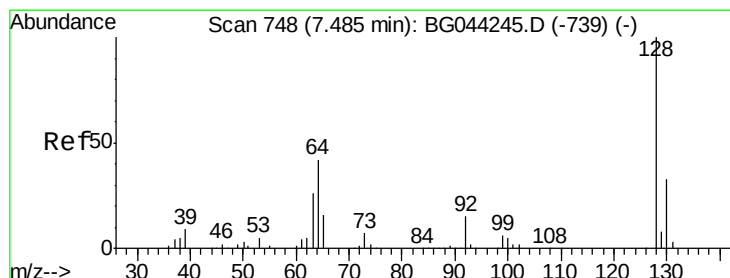
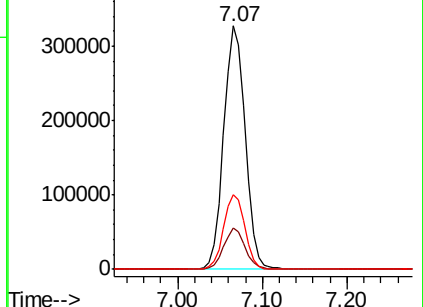
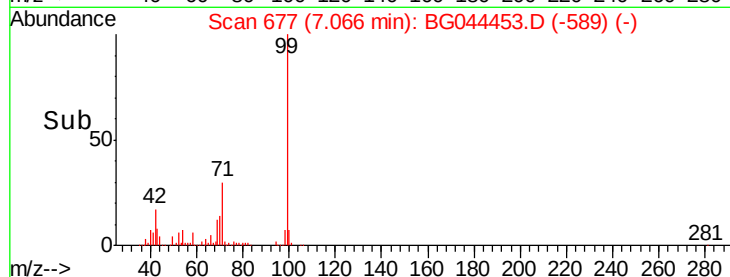
71 30.5 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BG044453.D (-589) (-)

Ion 42.00 (41.70 to 42.70): BG044453.D (-589) (-)

Ion 71.00 (70.70 to 71.70): BG044453.D (-589) (-)



#8

2-Chlorophenol

Concen: 52.810 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

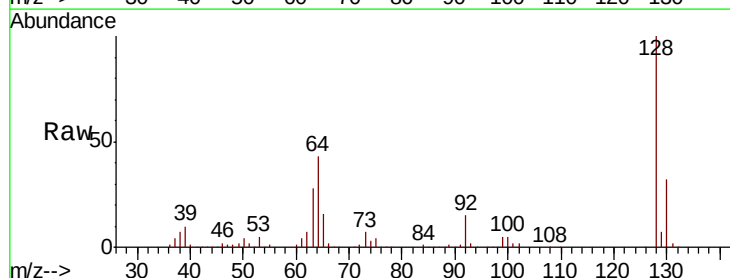
Tgt Ion: 128 Resp: 233016

Ion Ratio Lower Upper

128 100

130 31.9 12.5 52.5

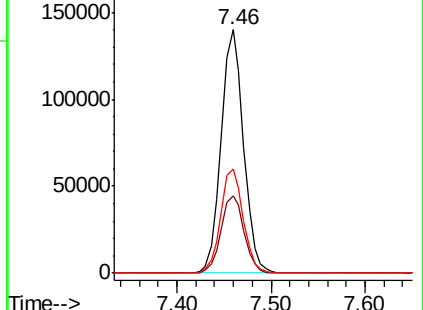
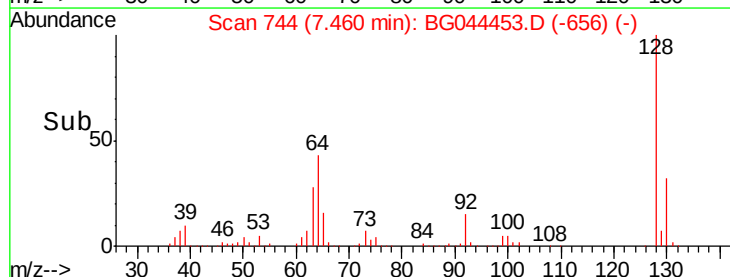
64 42.9 24.2 64.2

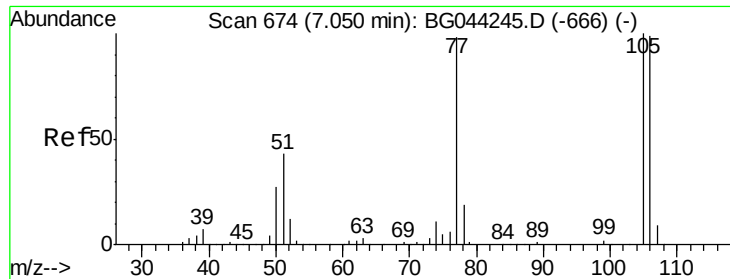


Abundance Ion 128.00 (127.70 to 128.70): BG044453.D (-656) (-)

Ion 130.00 (129.70 to 130.70): BG044453.D (-656) (-)

Ion 64.00 (63.70 to 64.70): BG044453.D (-656) (-)





#9

Benzaldehyde

Concen: 31.077 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

ClientSampleId :

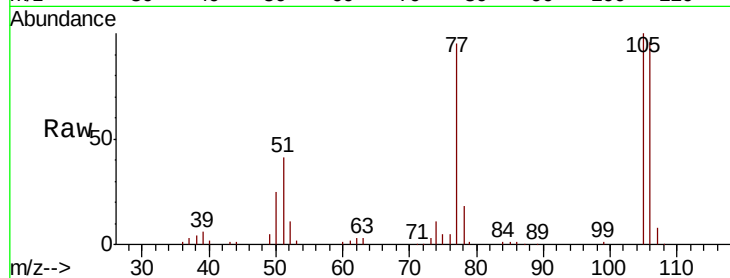
Tot Ion: 77 Resp: 95421

Ion Ratio Lower Upper

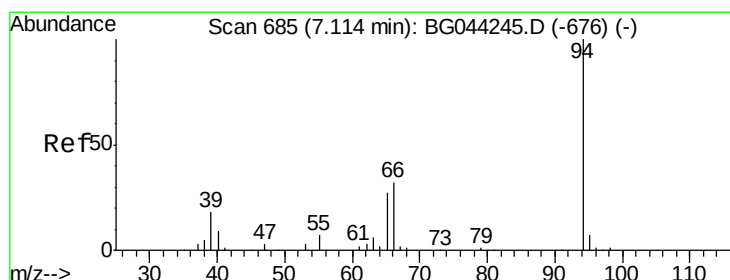
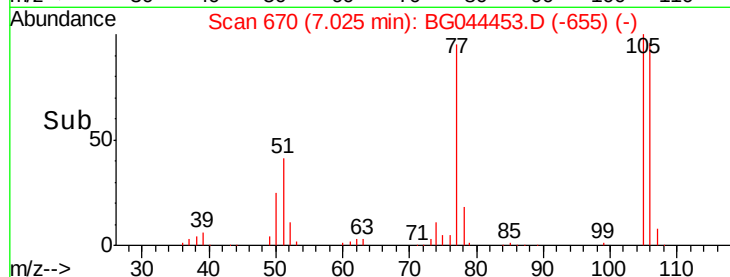
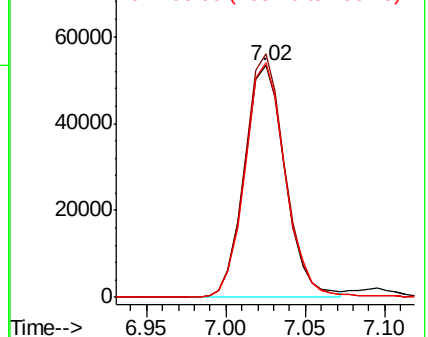
77 100

105 105.2 82.0 122.0

106 101.4 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: 53.718 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

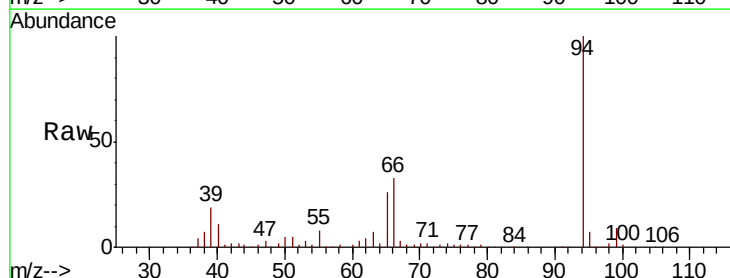
Tgt Ion: 94 Resp: 286611

Ion Ratio Lower Upper

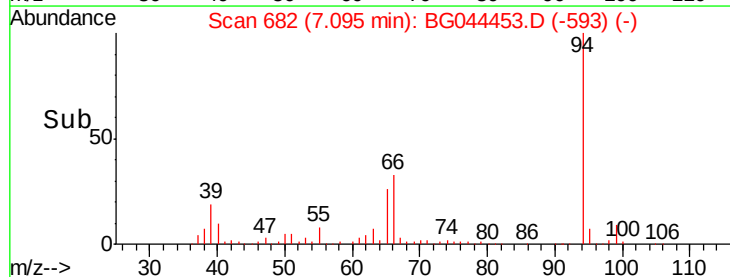
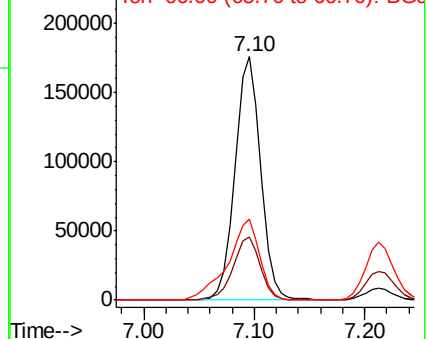
94 100

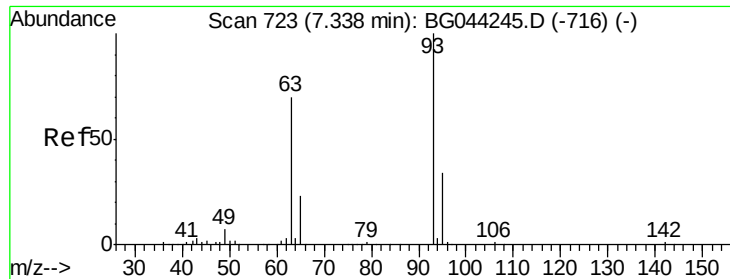
65 26.1 7.0 47.0

66 33.4 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: 46.685 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

ClientSampleId :

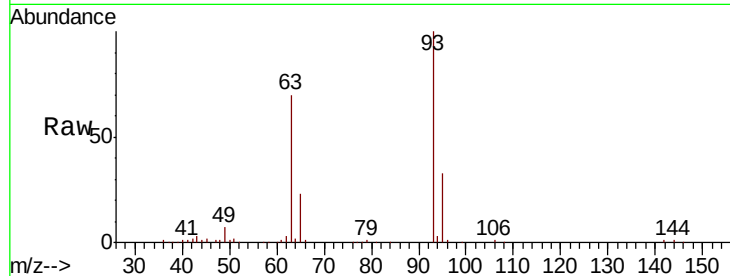
Tot Ion: 93 Resp: 212954

Ion Ratio Lower Upper

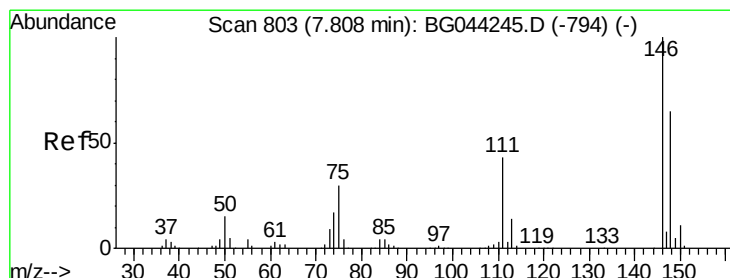
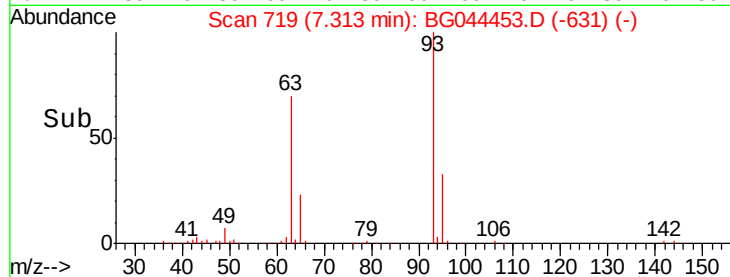
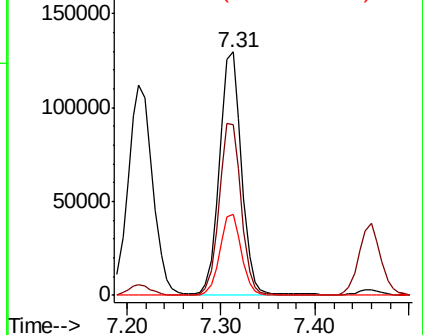
93 100

63 70.0 49.2 89.2

95 33.4 13.6 53.6



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



#12

1,3-Dichlorobenzene

Concen: 46.389 ng

RT: 7.78 min Scan# 799

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

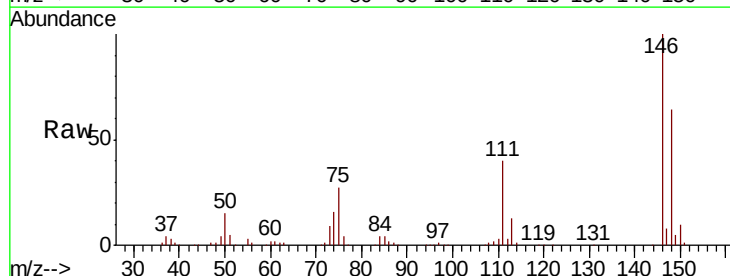
Tgt Ion: 146 Resp: 244383

Ion Ratio Lower Upper

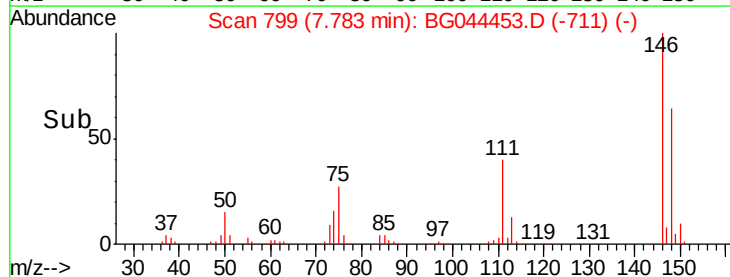
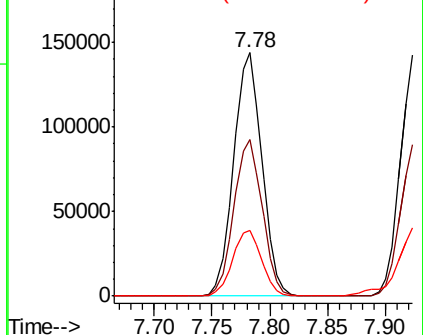
146 100

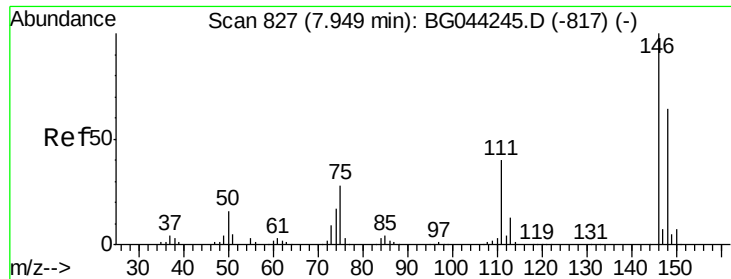
148 64.1 51.8 77.8

75 27.2 23.7 35.5



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

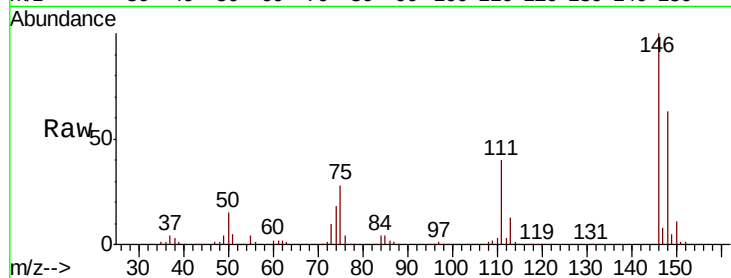




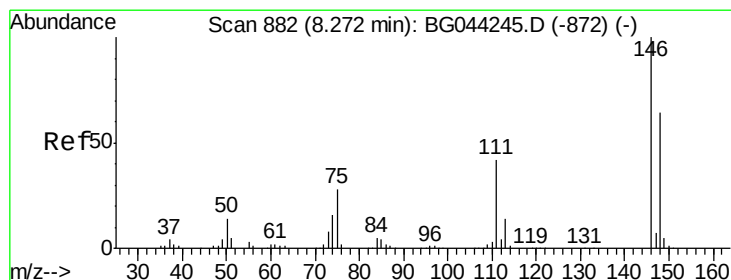
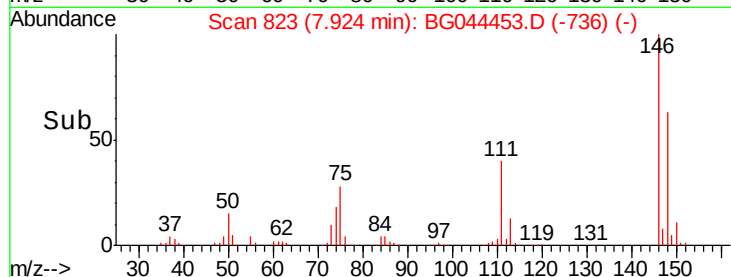
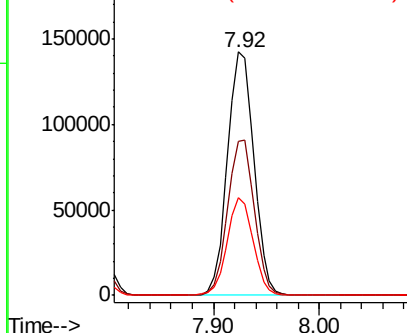
#13
 1,4-Dichlorobenzene
 Concen: 47.183 ng
 RT: 7.92 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
111	40.2	31.8	47.8

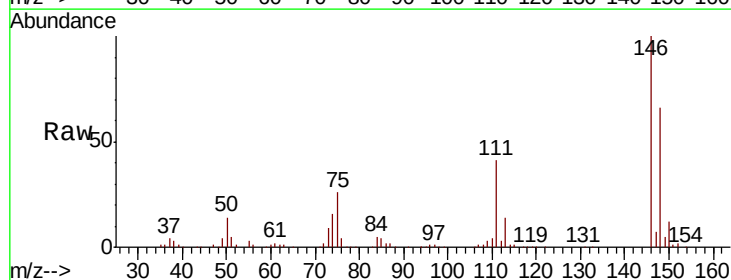


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

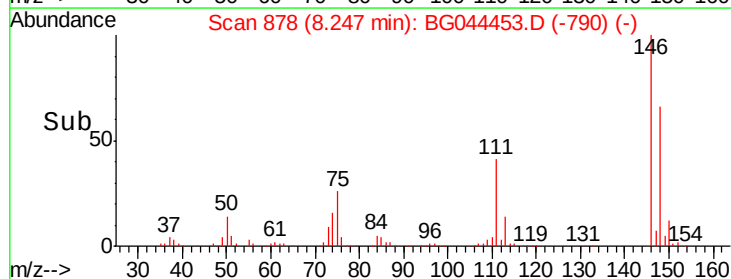
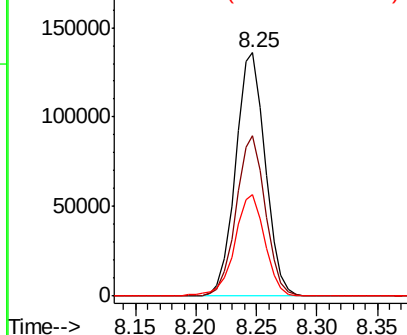


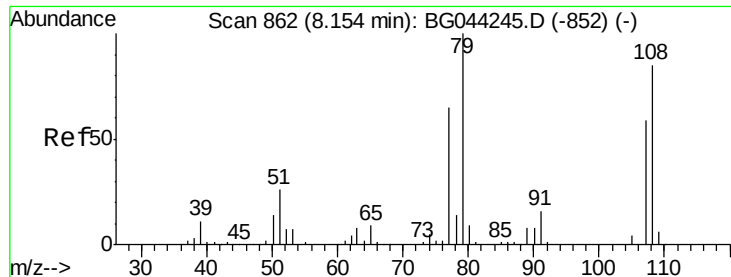
#14
 1,2-Dichlorobenzene
 Concen: 47.130 ng
 RT: 8.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.2	76.8
111	41.5	34.0	51.0



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





#15

Benzyl Alcohol

Concen: 49.218 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

ClientSampleId :

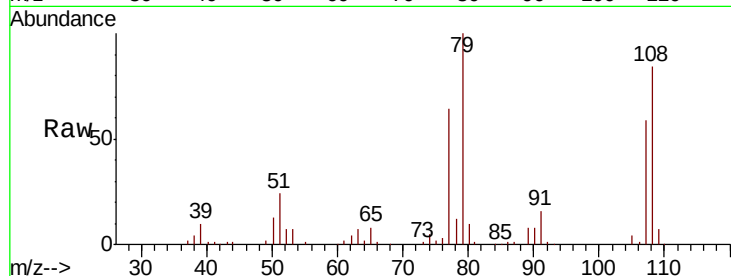
Tot Ion: 79 Resp: 187859

Ion Ratio Lower Upper

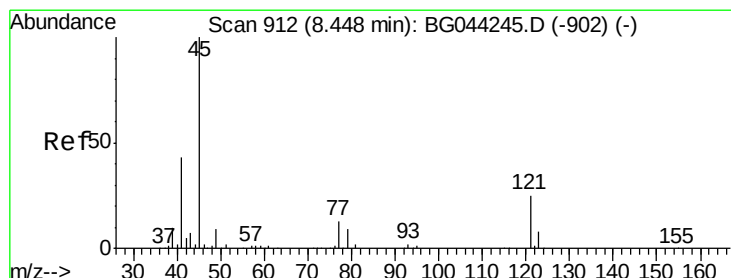
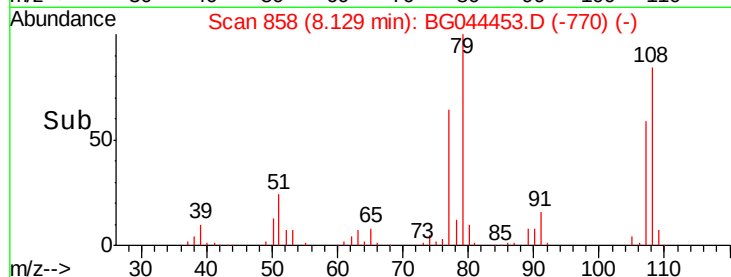
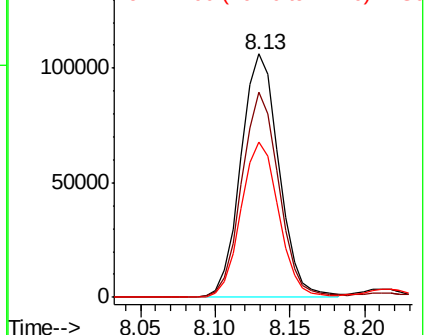
79 100

108 84.2 68.3 102.5

77 63.5 51.8 77.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.961 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

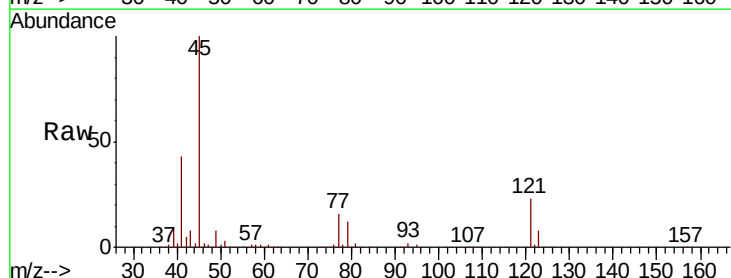
Tgt Ion: 45 Resp: 271409

Ion Ratio Lower Upper

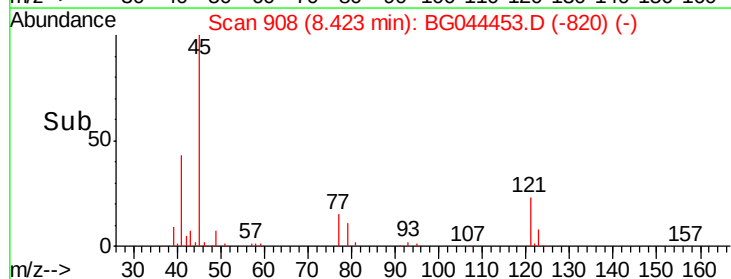
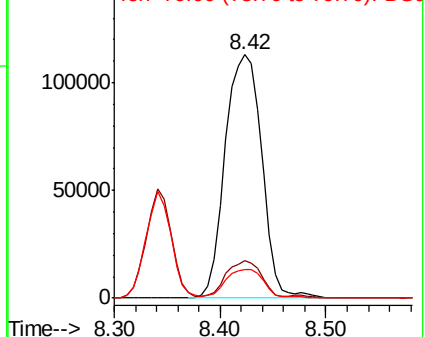
45 100

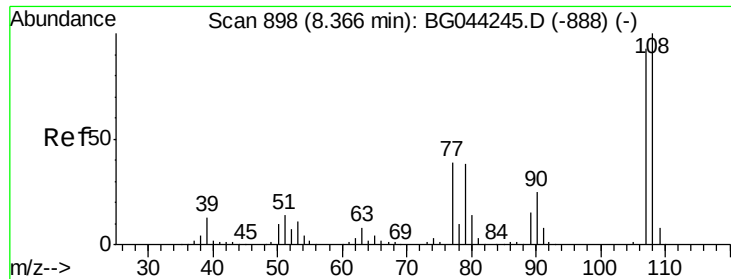
77 15.5 0.0 35.2

79 11.8 0.0 31.1



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

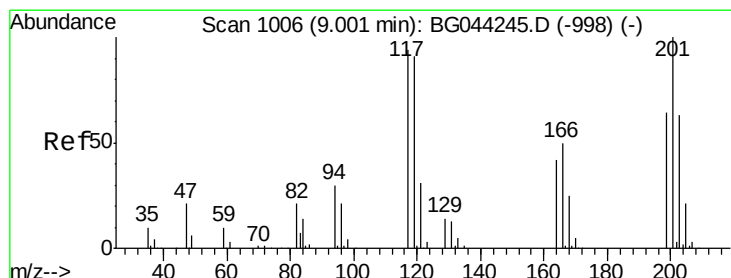
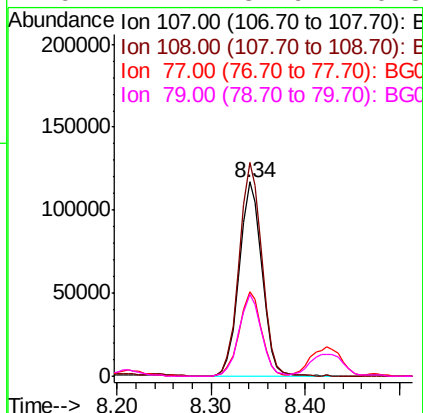
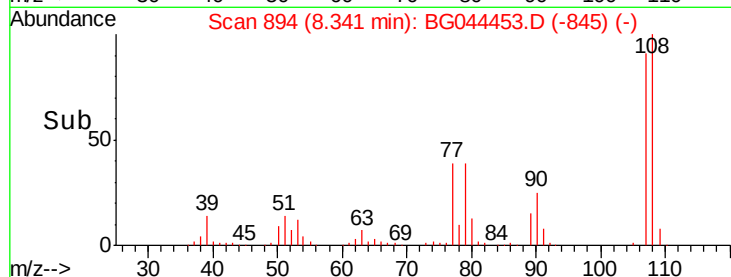
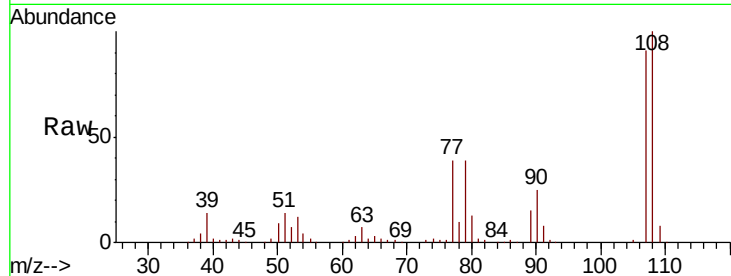




#17
2-Methylphenol
Concen: 51.717 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

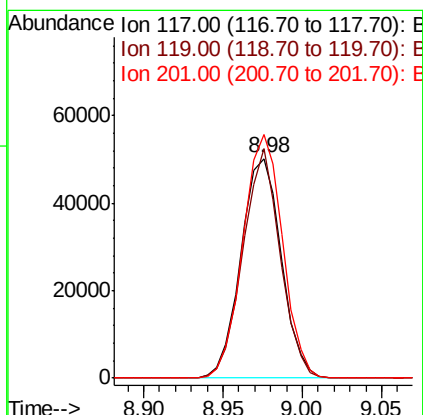
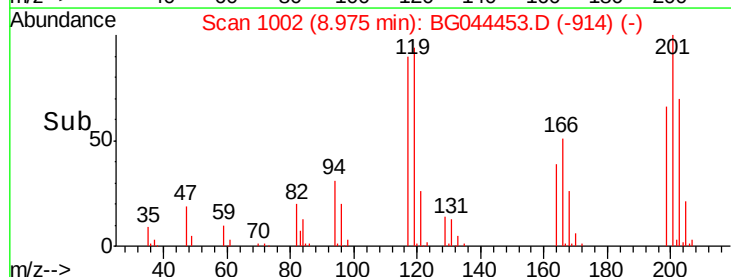
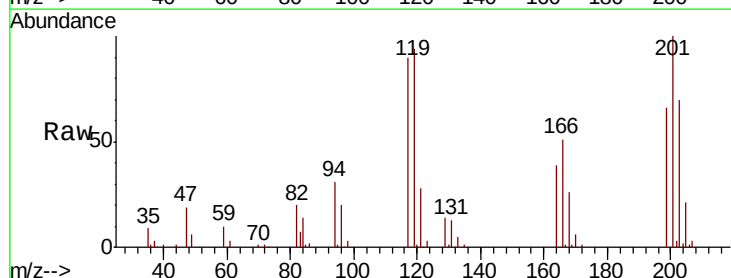
Instrument :
BNA_G
ClientSampleId :

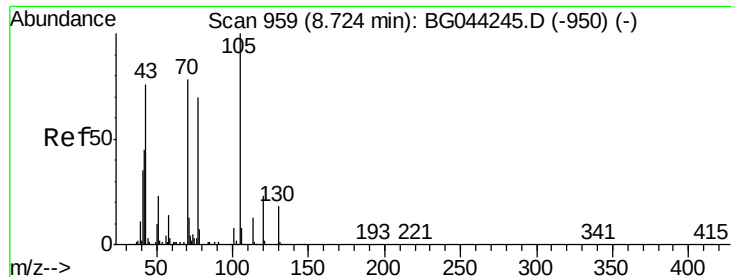
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.8	86.4	129.6
77	43.3	34.0	51.0
79	42.4	32.9	49.3



#18
Hexachloroethane
Concen: 45.385 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	104.5	77.5	116.3
201	110.9	84.9	127.3

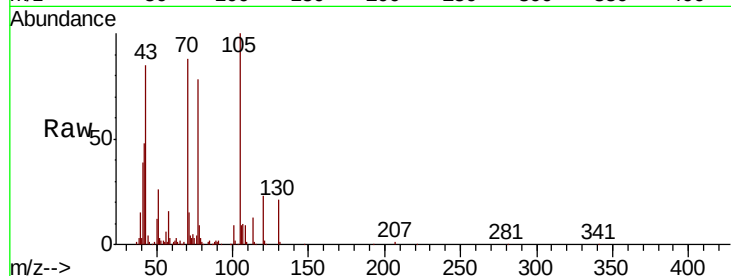




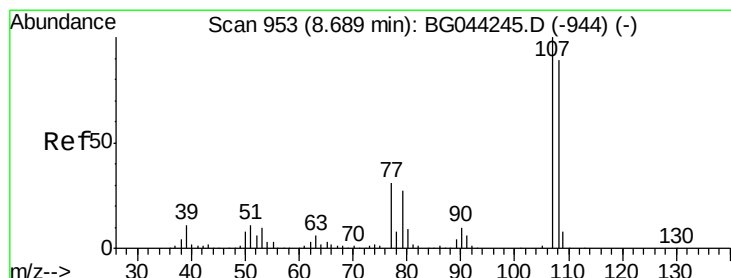
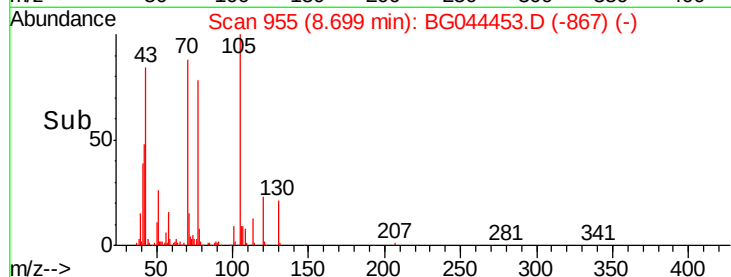
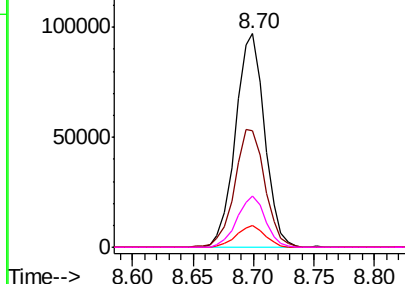
#19
n-Nitroso-di-n-propylamine
Concen: 45.420 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	163195
Ion	Ratio	Lower	Upper
70	100		
42	54.7	46.2	69.2
101	10.1	8.4	12.6
130	23.8	17.8	26.8

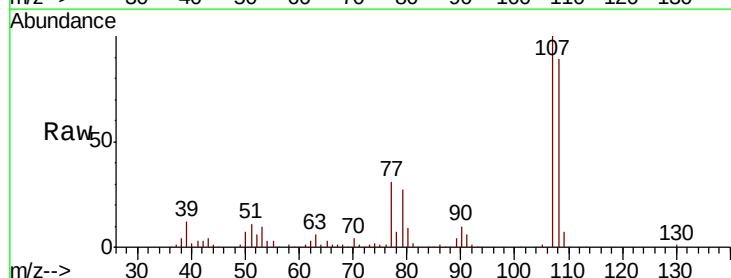


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

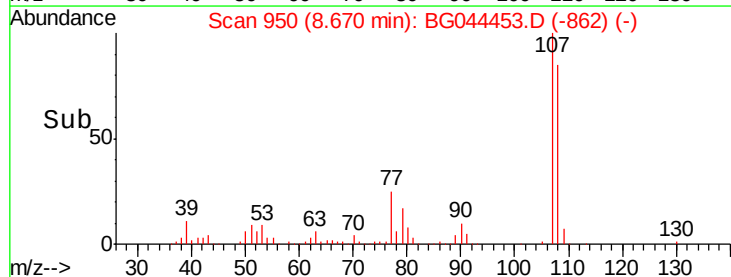
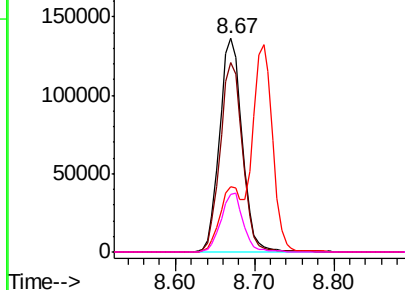


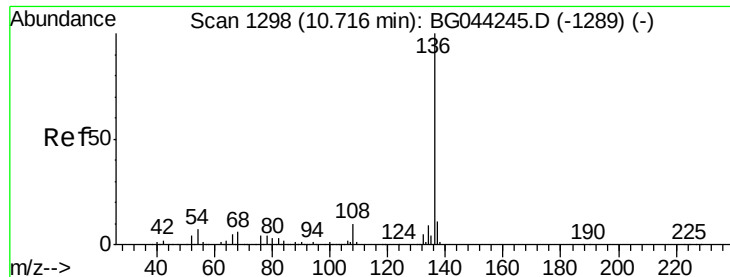
#20
3+4-Methylphenols
Concen: 51.348 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion:	107	Resp:	269389
Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.5	108.5
77	30.8	10.9	50.9
79	26.8	7.1	47.1



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

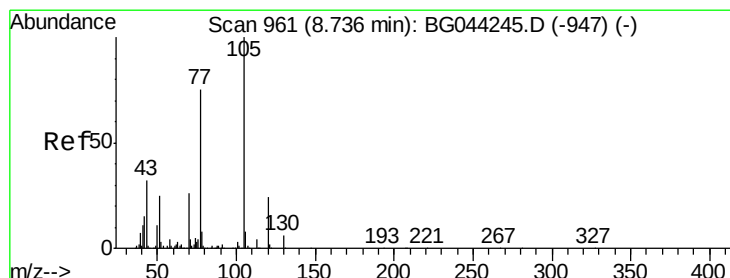
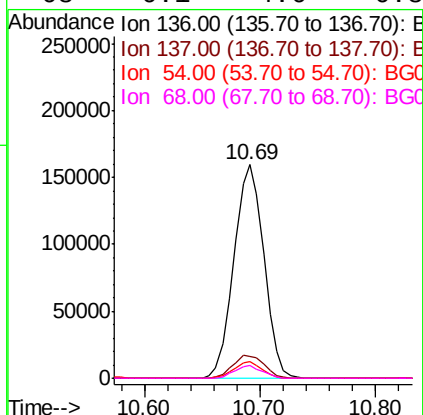
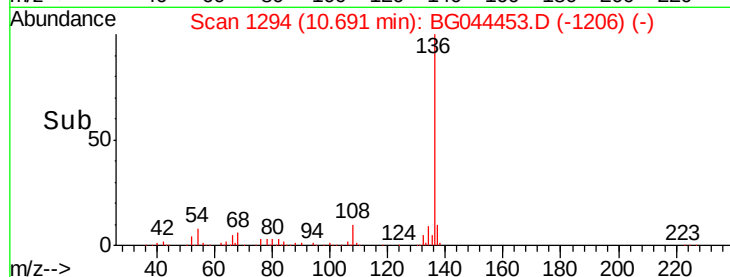
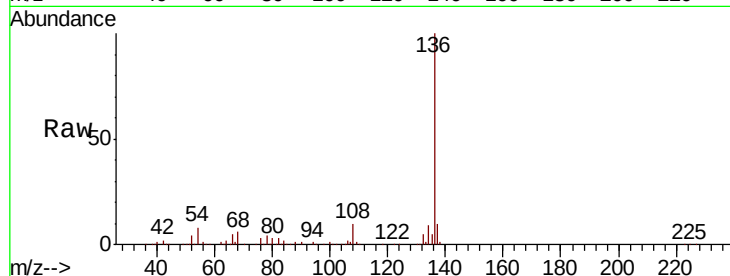




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

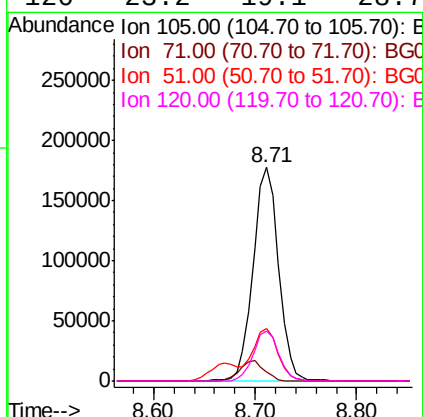
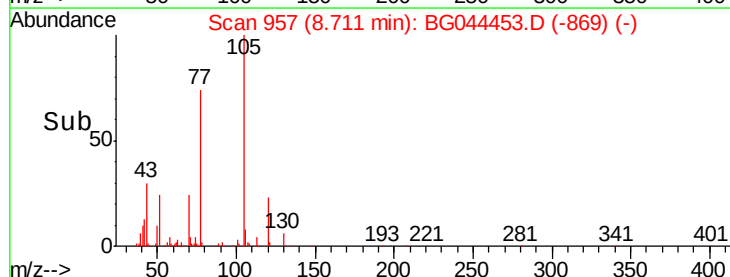
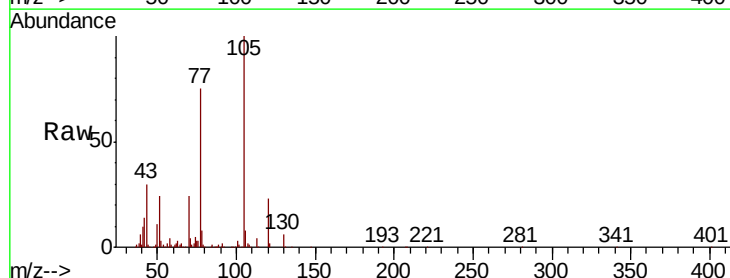
Instrument :
BNA_G
ClientSampleId :

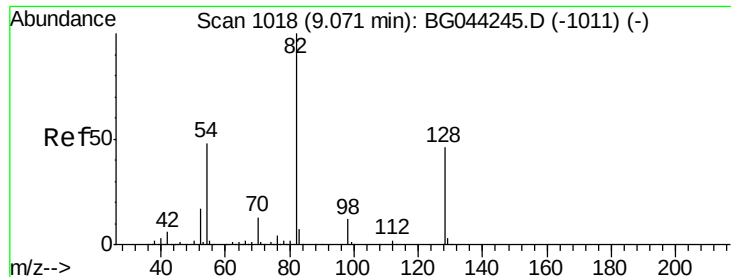
Tot Ion:136	Resp: 285788
Ion Ratio	Lower Upper
136 100	
137 10.5	8.8 13.2
54 7.9	5.8 8.8
68 6.1	4.6 6.8



#22
Acetophenone
Concen: 44.578 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt	Ion:105	Resp:	309920
Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.4	5.0
51	24.5	20.2	30.4
120	23.2	19.1	28.7

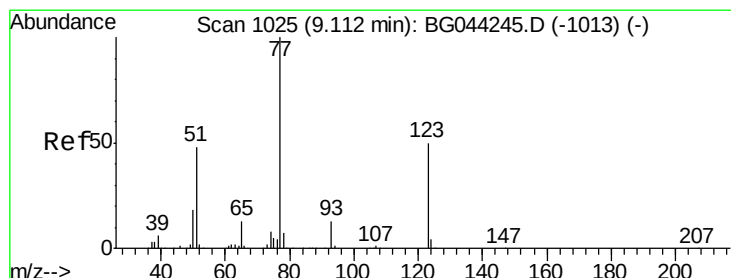
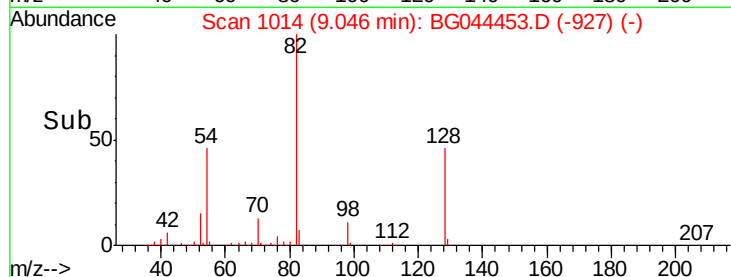
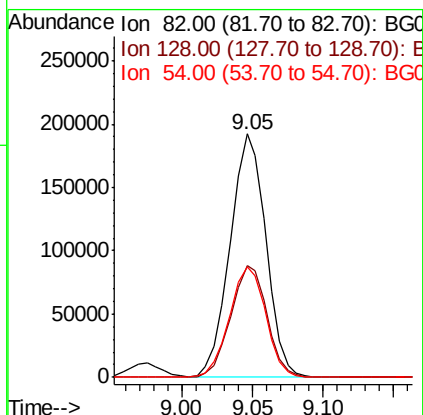
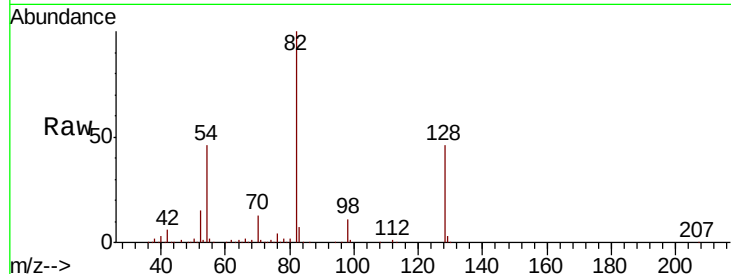




#23
 Nitrobenzene-d5
 Concen: 66.933 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

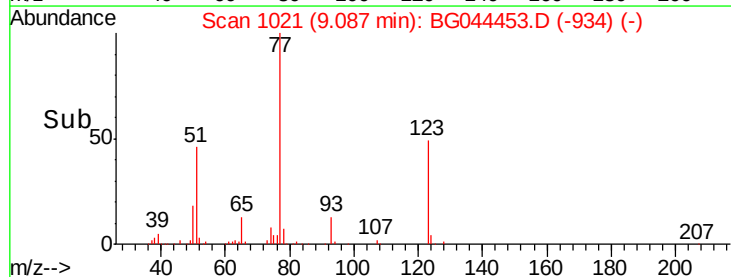
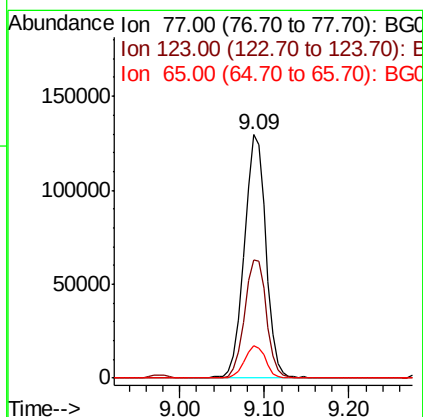
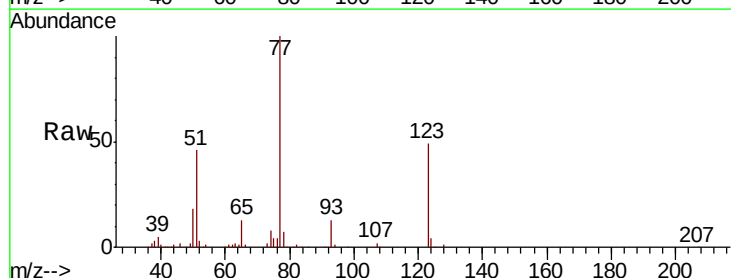
Instrument :
 BNA_G
 ClientSampleId :

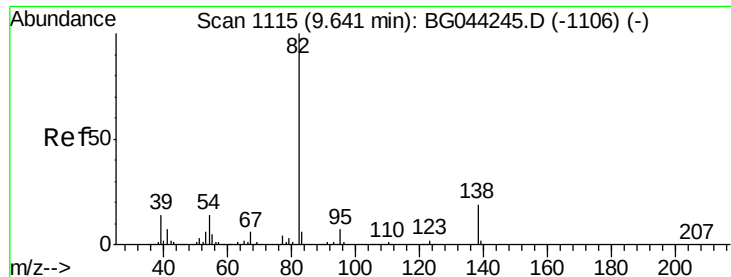
Tot Ion	82	Resp	338823
Ion Ratio	Lower	Upper	
82	100		
128	45.9	36.5	54.7
54	45.6	38.6	58.0



#24
 Nitrobenzene
 Concen: 46.504 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion	77	Resp	229819
Ion Ratio	Lower	Upper	
77	100		
123	48.7	39.9	59.9
65	13.3	10.4	15.6





#25

Isophorone

Concen: 47.814 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.02 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

ClientSampleId :

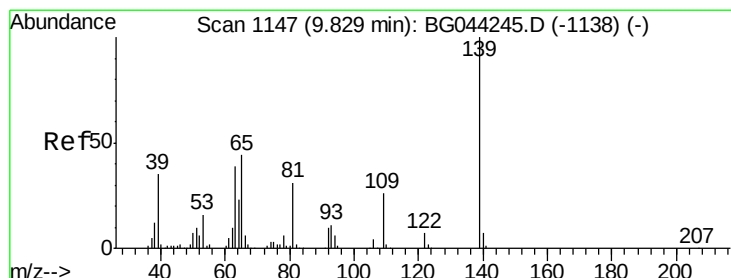
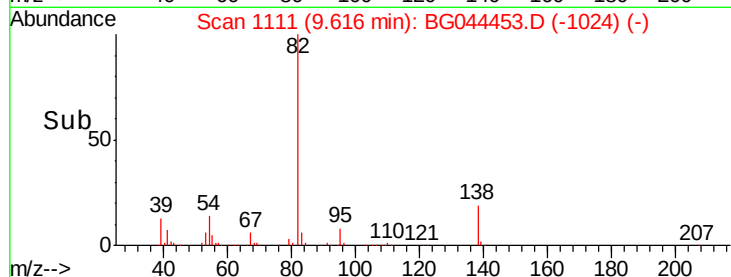
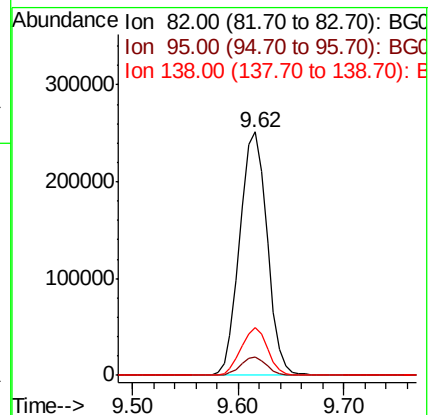
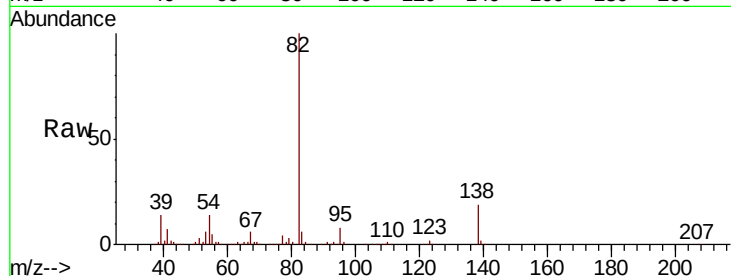
Tot Ion: 82 Resp: 451131

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

138 19.4 15.0 22.4



#26

2-Nitrophenol

Concen: 50.991 ng

RT: 9.80 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

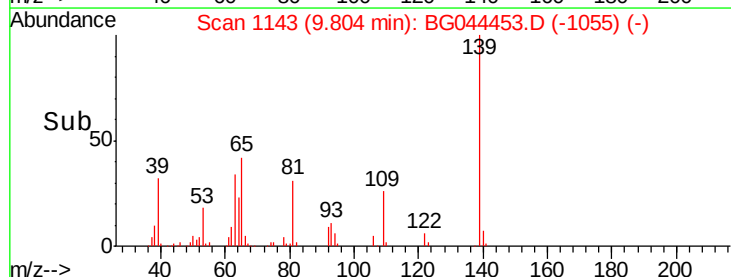
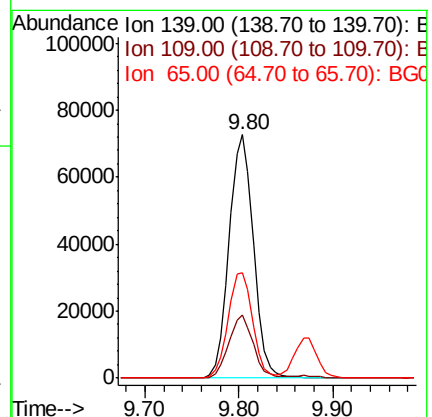
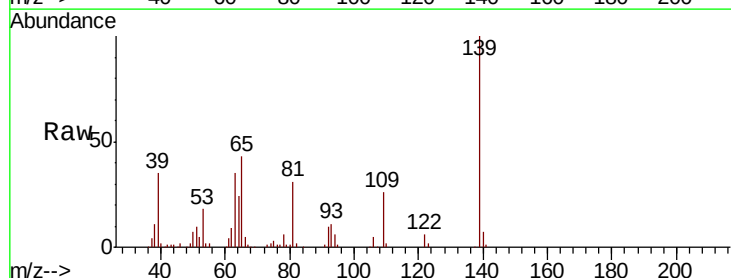
Tgt Ion: 139 Resp: 130754

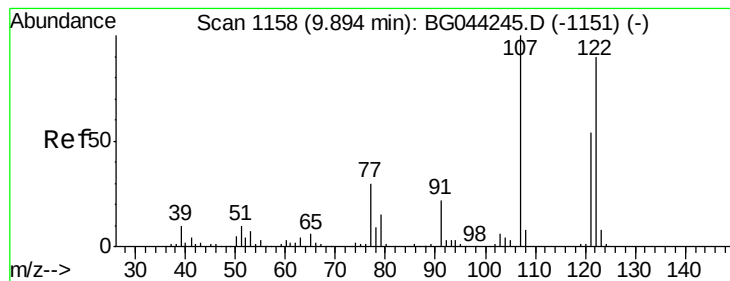
Ion Ratio Lower Upper

139 100

109 25.9 21.0 31.4

65 43.0 35.0 52.4





#27

2,4-Dimethylphenol

Concen: 60.829 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

ClientSampleId :

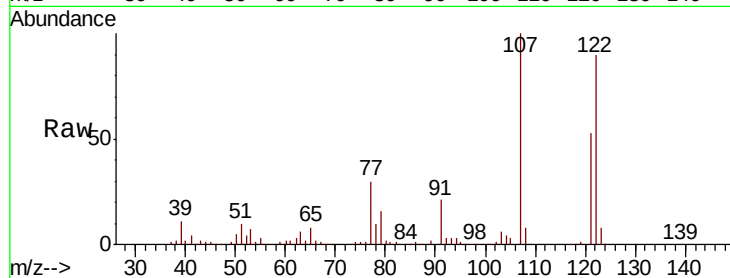
Tot Ion:122 Resp: 220187

Ion Ratio Lower Upper

122 100

107 111.0 88.8 133.2

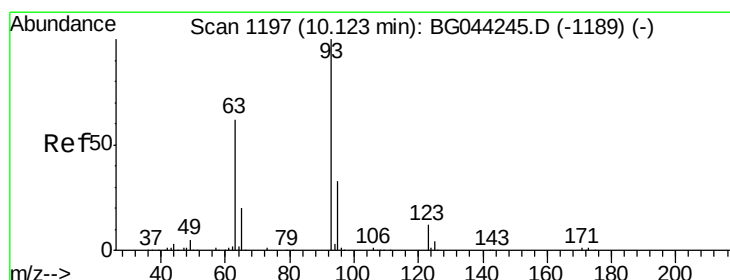
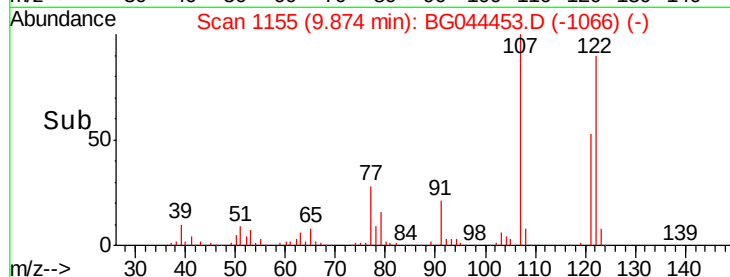
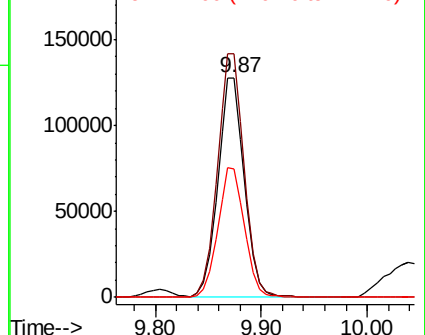
121 58.5 48.3 72.5



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: 45.901 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

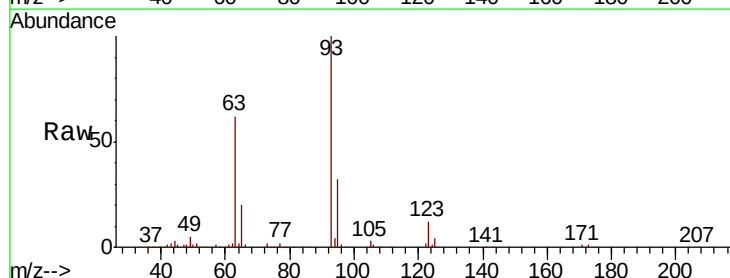
Tgt Ion: 93 Resp: 288907

Ion Ratio Lower Upper

93 100

95 32.3 26.6 40.0

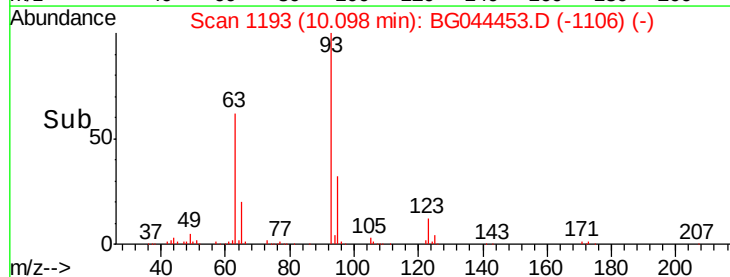
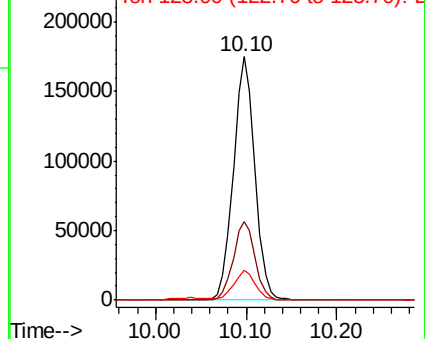
123 12.3 10.0 15.0

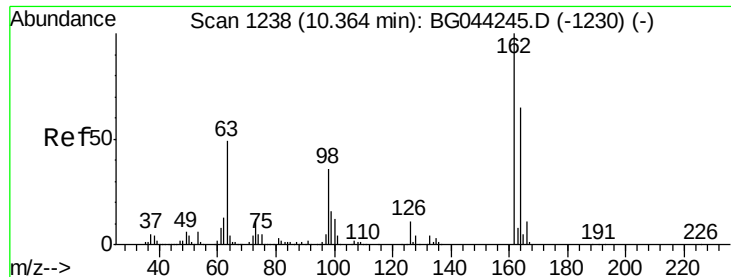


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

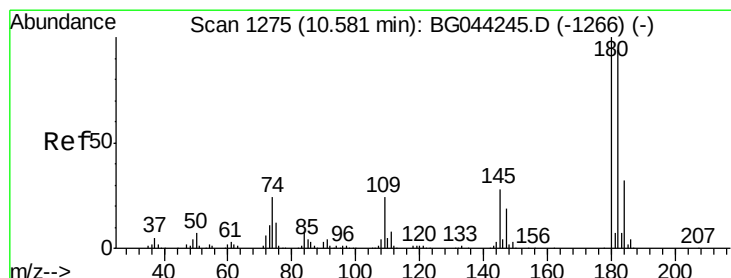
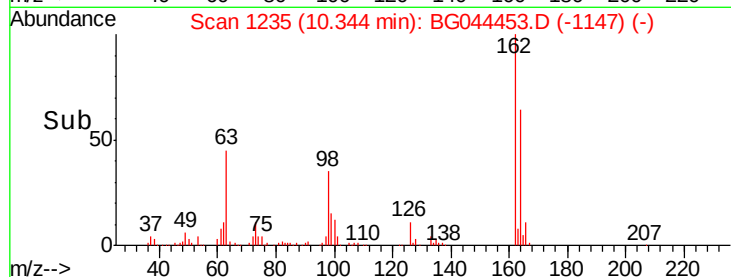
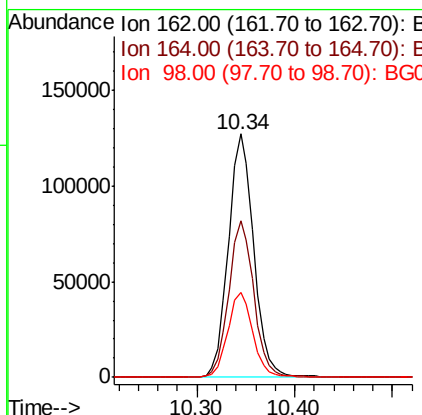
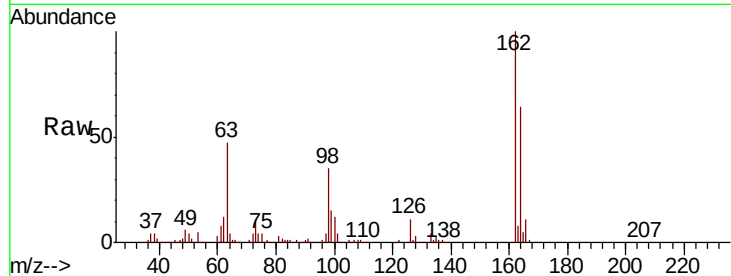




#29
2,4-Dichlorophenol
Concen: 52.433 ng
RT: 10.34 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

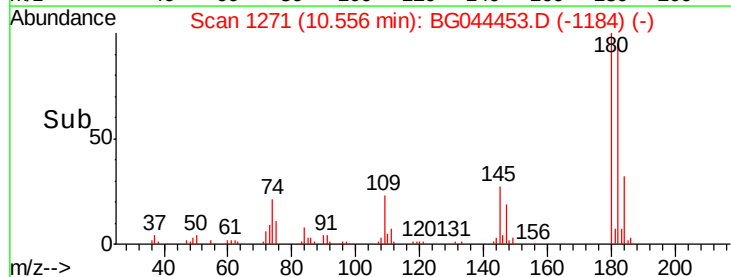
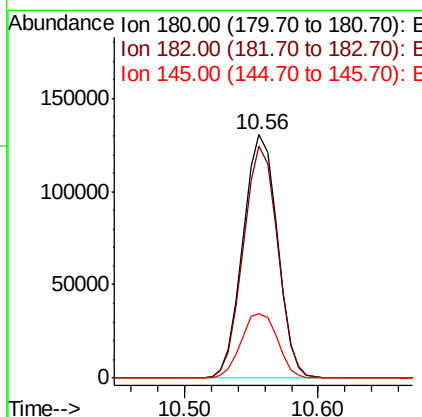
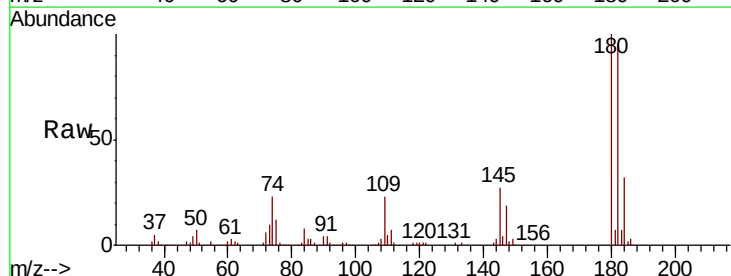
Instrument :
BNA_G
ClientSampleId :

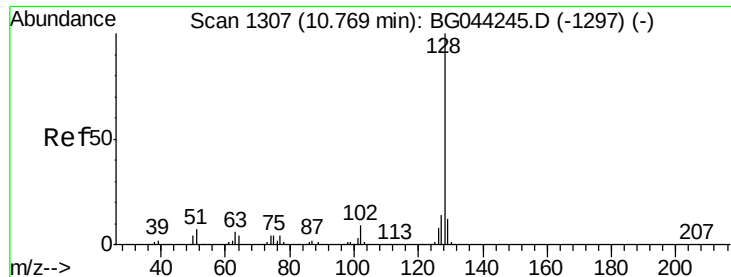
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.7	84.7
98	35.0	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 46.549 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.5	113.3
145	26.5	22.6	34.0

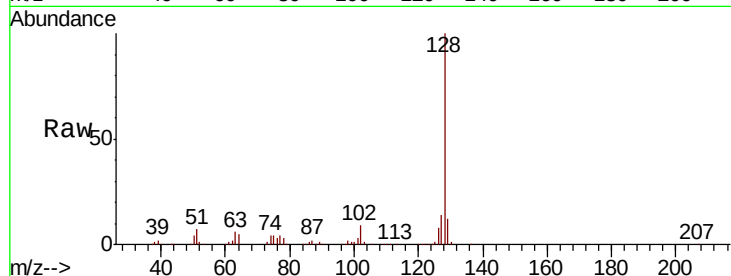




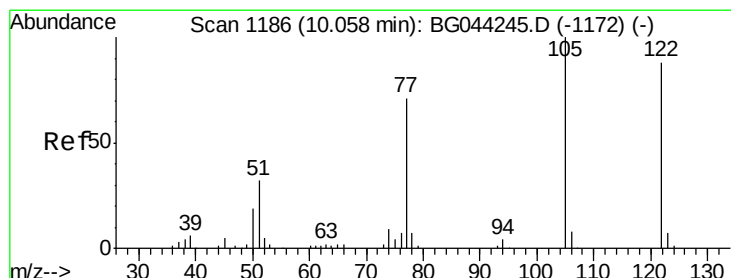
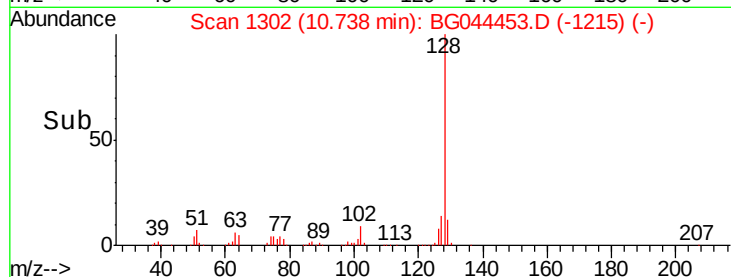
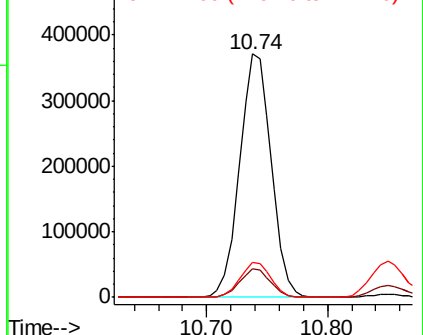
#31
Naphthalene
Concen: 48.664 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 674757
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 14.4 11.6 17.4

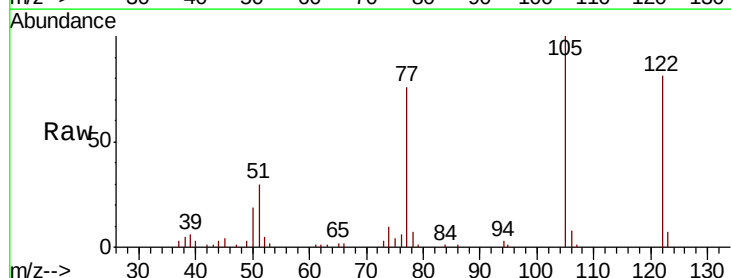


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

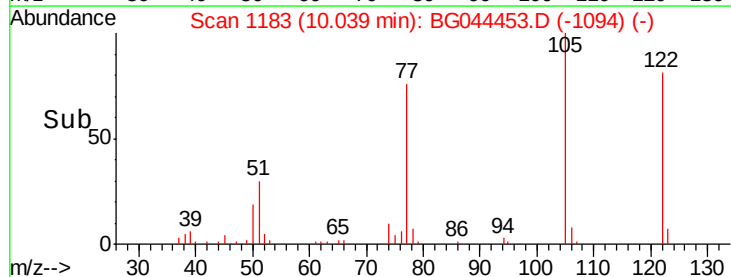
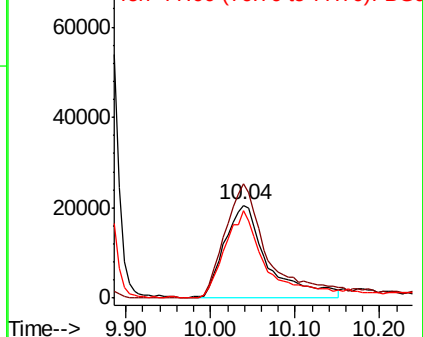


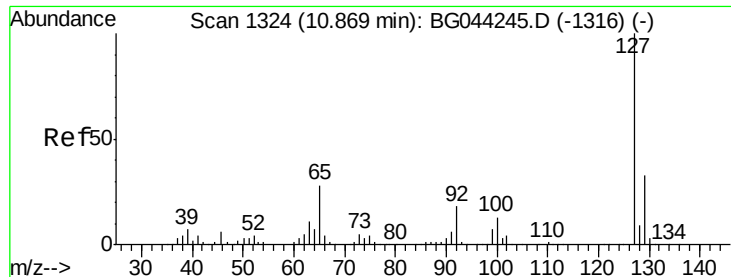
#32
Benzoic acid
Concen: 35.203 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion:122 Resp: 71151
Ion Ratio Lower Upper
122 100
105 123.1 93.5 133.5
77 93.9 61.0 101.0



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

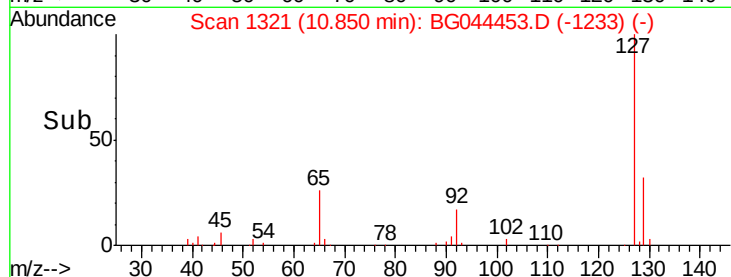
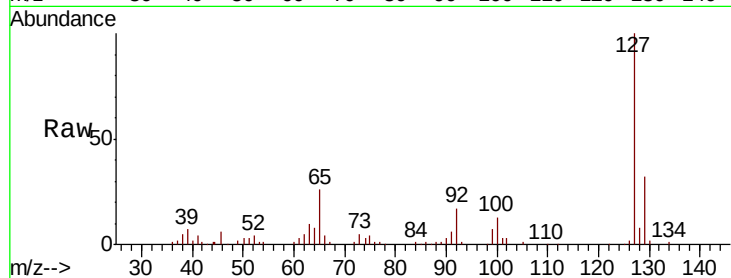




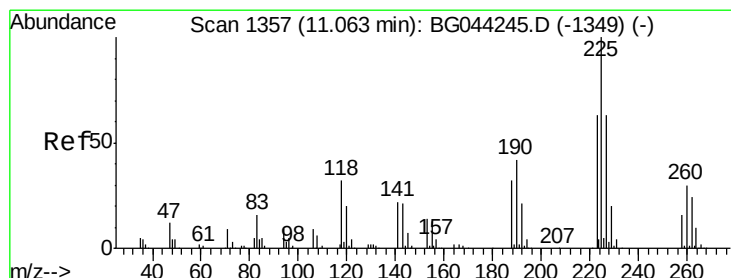
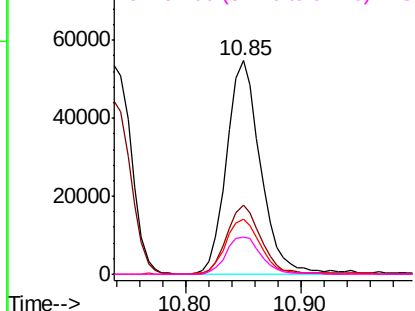
#33
4-Chloroaniline
Concen: 17.748 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	111922
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	40.0
65	25.9	22.5	33.7
92	17.5	14.1	21.1

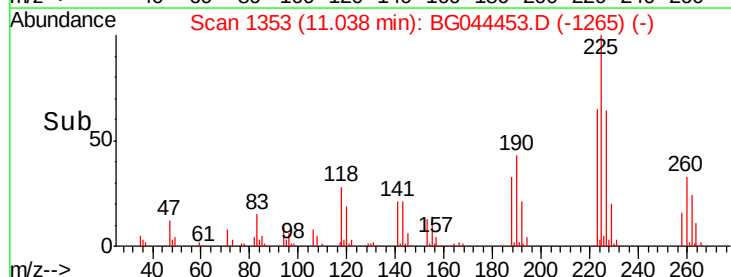
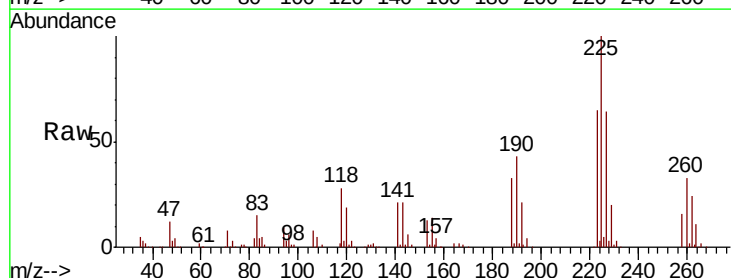


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG0
Ion 92.00 (91.70 to 92.70): BG0

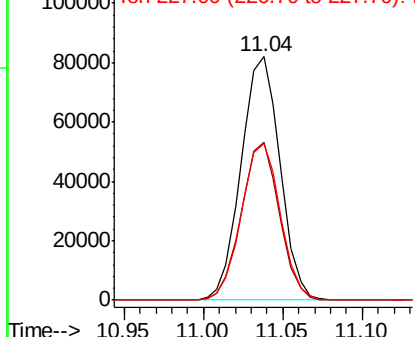


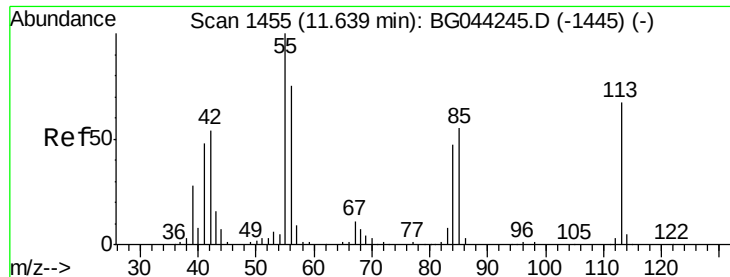
#34
Hexachlorobutadiene
Concen: 45.255 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion:	225	Resp:	139756
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.2	75.4
227	64.3	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

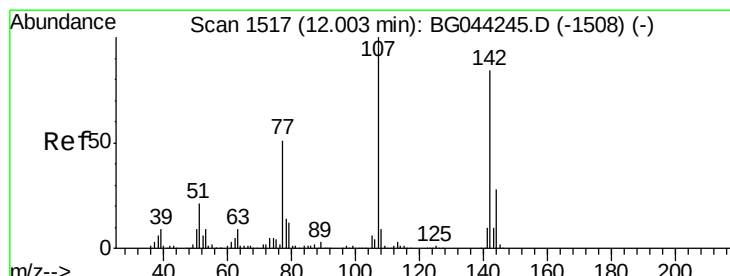
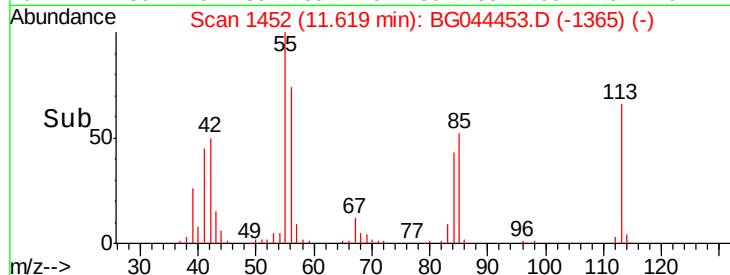
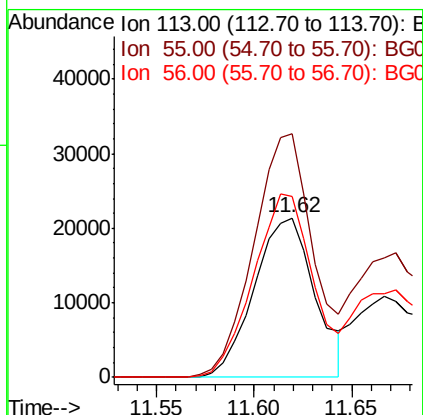
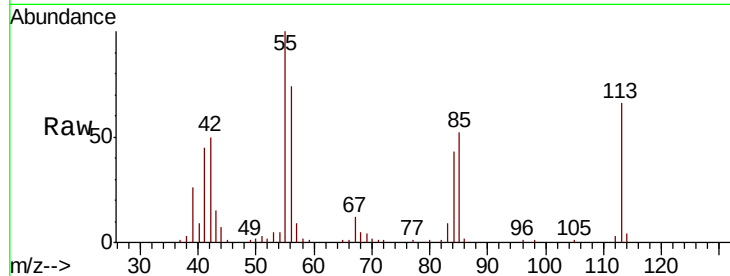




#35
 Caprolactam
 Concen: 28.713 ng
 RT: 11.62 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

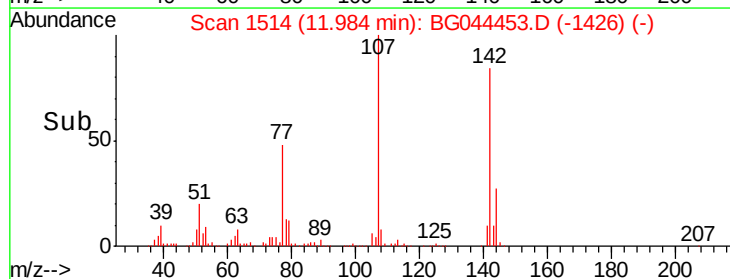
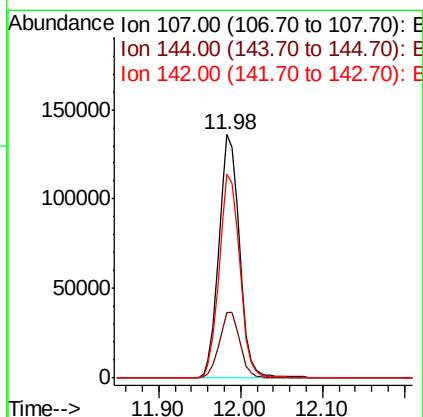
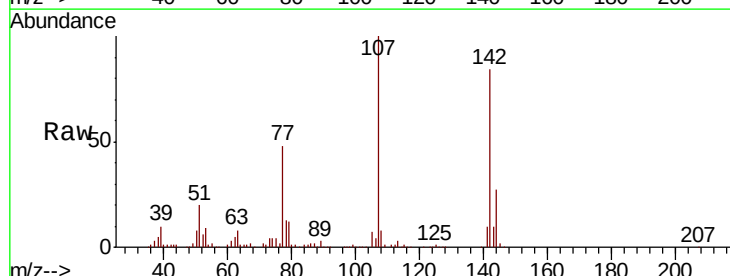
Instrument :
 BNA_G
 ClientSampleId :

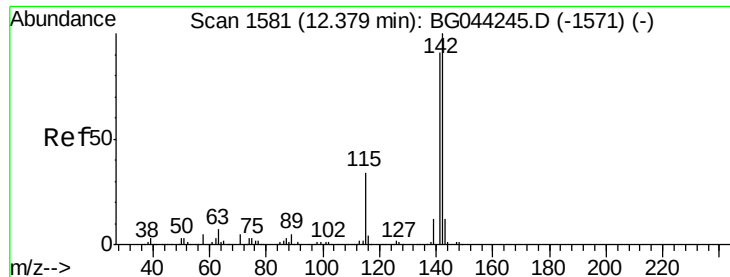
Tot Ion:113 Resp: 46037
 Ion Ratio Lower Upper
 113 100
 55 152.4 129.9 169.9
 56 113.1 92.5 132.5



#36
 4-Chloro-3-methylphenol
 Concen: 52.148 ng
 RT: 11.98 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion:107 Resp: 239305
 Ion Ratio Lower Upper
 107 100
 144 27.2 22.2 33.4
 142 83.5 67.4 101.0

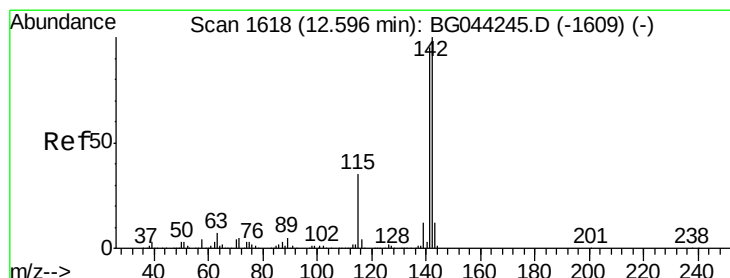
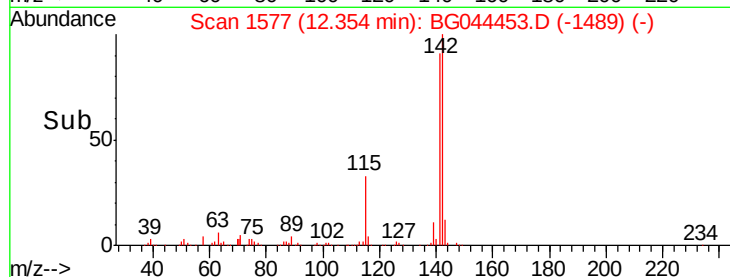
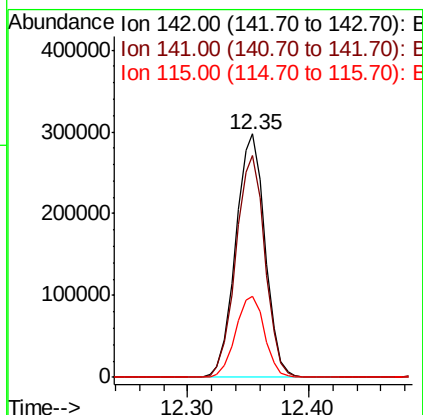
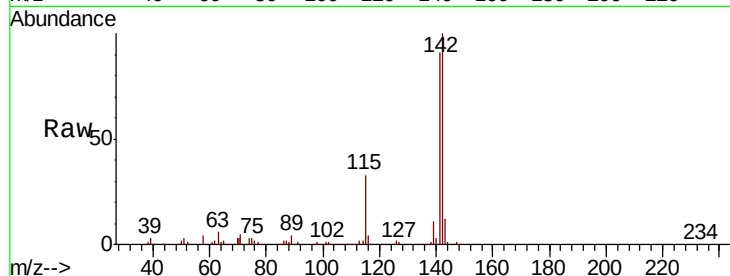




#37
2-Methylnaphthalene
Concen: 49.010 ng
RT: 12.35 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

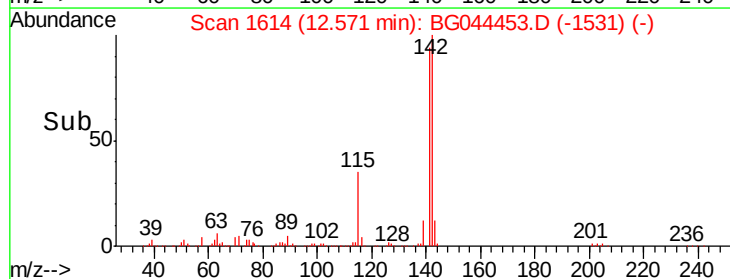
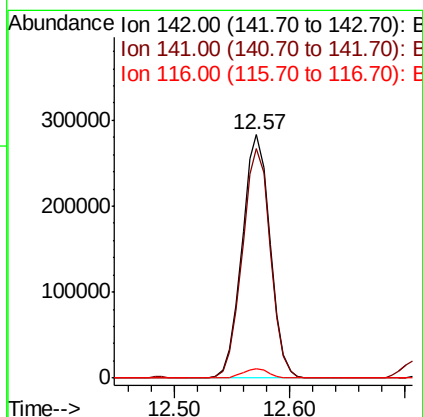
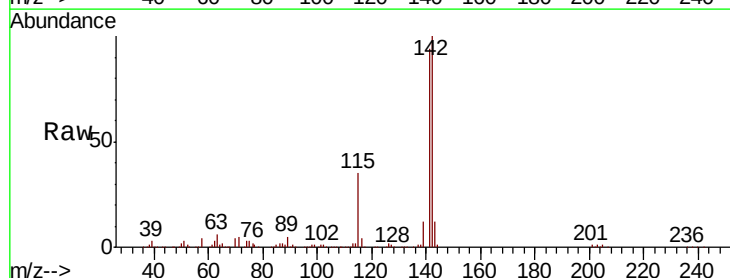
Instrument :
BNA_G
ClientSampleId :

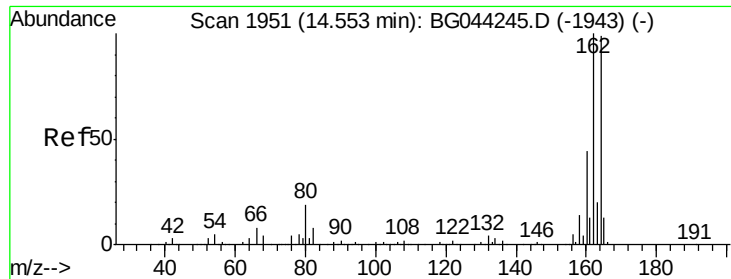
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.2	109.8
115	33.3	27.1	40.7



#38
1-Methylnaphthalene
Concen: 49.022 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	75.8	113.6
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

ClientSampleId :

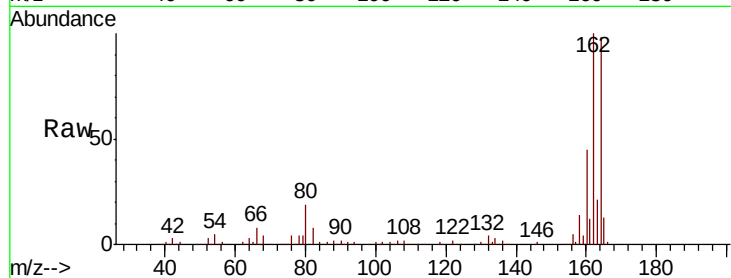
Tot Ion:164 Resp: 186330

Ion Ratio Lower Upper

164 100

162 102.2 80.7 121.1

160 45.5 35.3 52.9

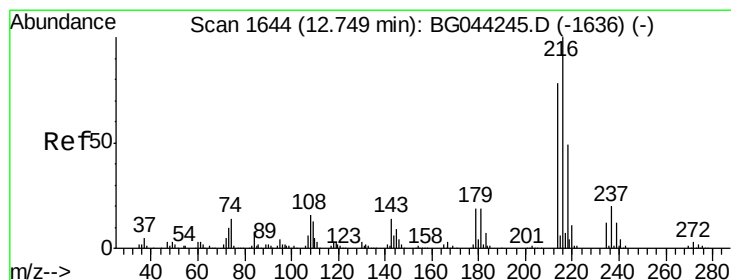
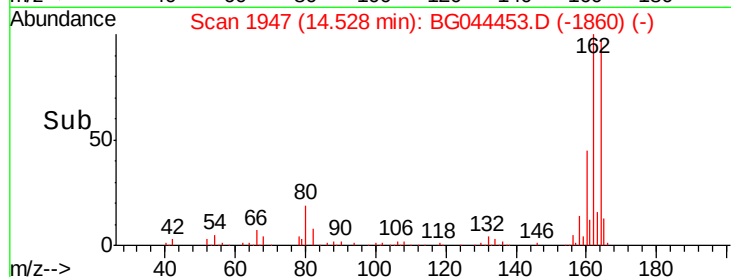
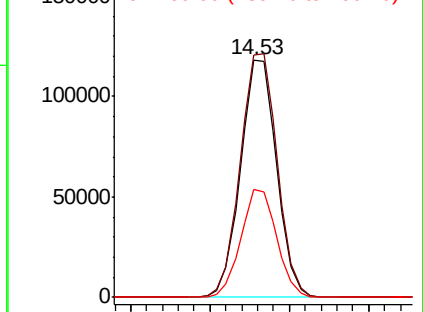


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.910 ng

RT: 12.72 min Scan# 1640

Delta R.T. -0.02 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Tgt Ion:216 Resp: 255893

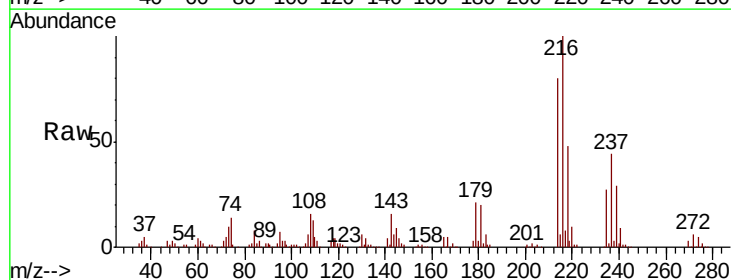
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.6

179 20.4 16.2 24.4

108 17.9 13.5 20.3



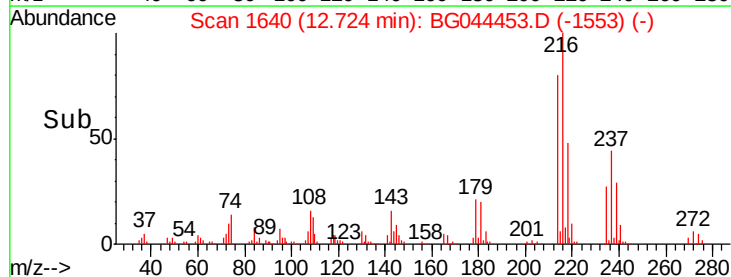
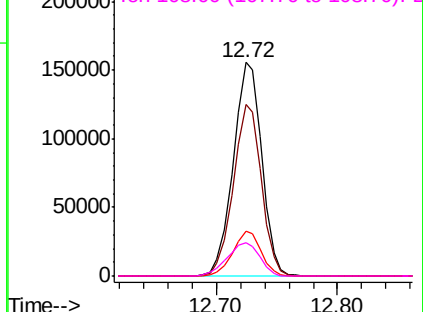
Abundance

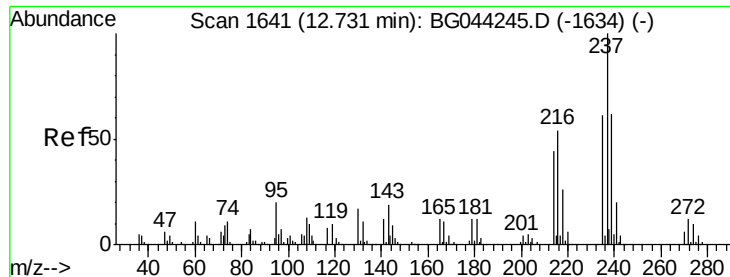
Ion 216.00 (215.70 to 216.70): E

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: 104.871 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

ClientSampleId :

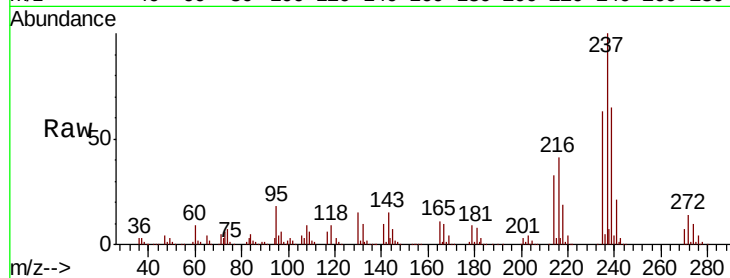
Tot Ion:237 Resp: 280471

Ion Ratio Lower Upper

237 100

235 62.5 41.2 81.2

272 13.5 0.0 32.4

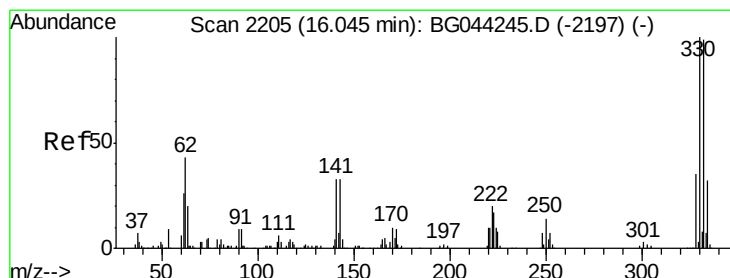
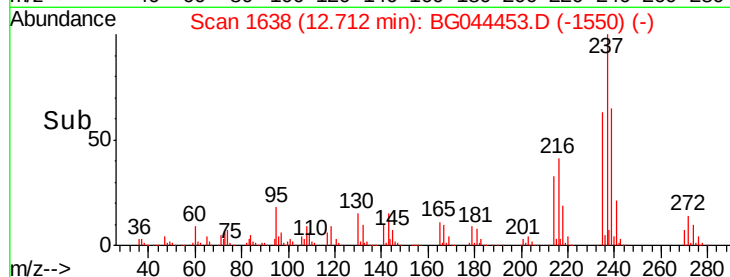
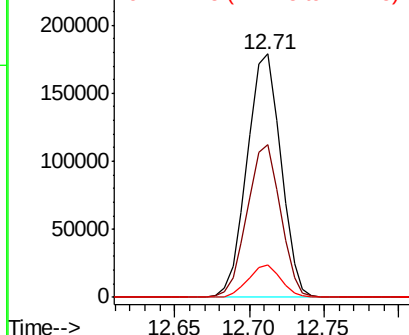


Abundance

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: 102.972 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

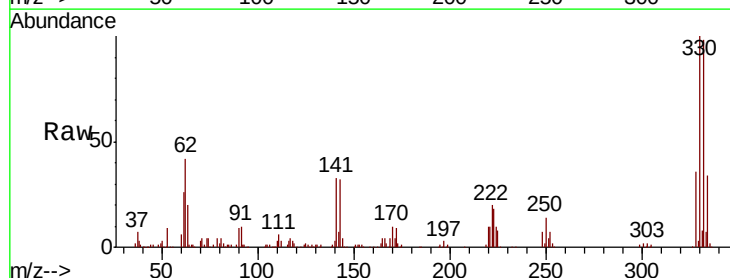
Tgt Ion:330 Resp: 225242

Ion Ratio Lower Upper

330 100

332 98.0 77.2 115.8

141 33.5 28.3 42.5

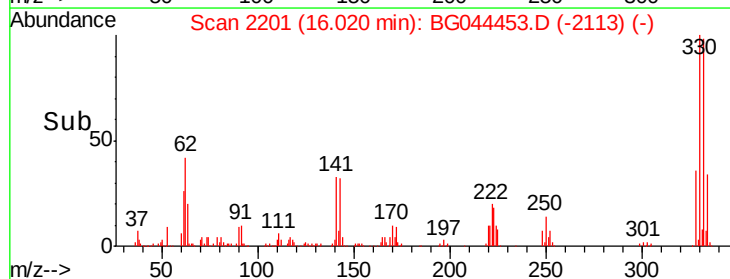
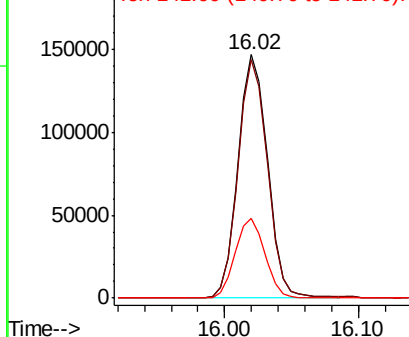


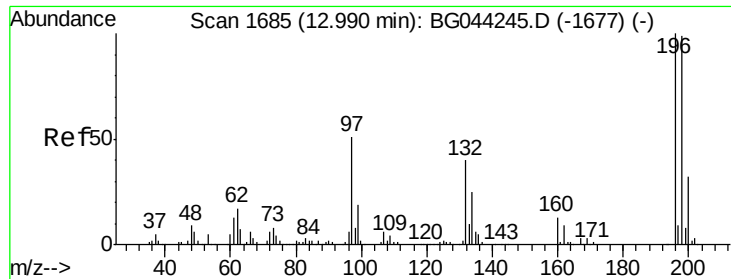
Abundance

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

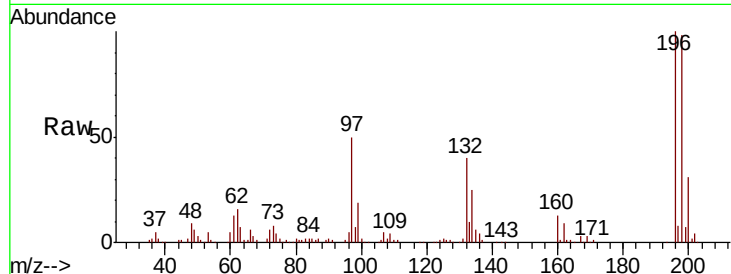




#43
 2,4,6-Trichlorophenol
 Concen: 50.713 ng
 RT: 12.96 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	182706
Ion Ratio	Lower	Upper	
196	100		
198	97.8	79.3	118.9
200	31.5	25.7	38.5

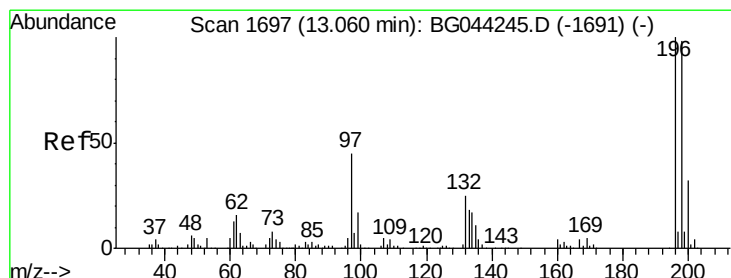
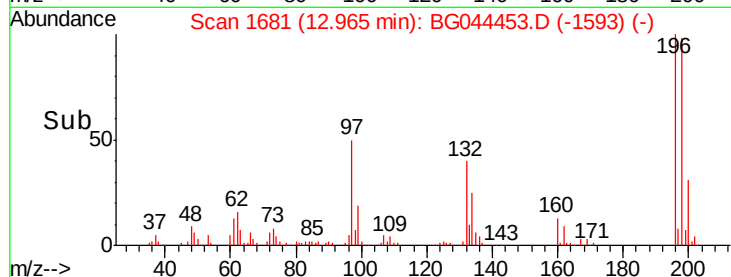
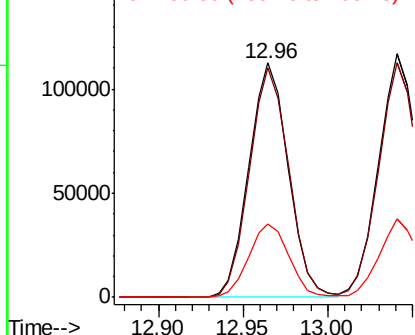


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 52.926 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion	196	Resp	194757
Ion Ratio	Lower	Upper	
196	100		
198	96.5	78.2	117.2
97	43.3	36.2	54.4
132	25.9	20.2	30.4

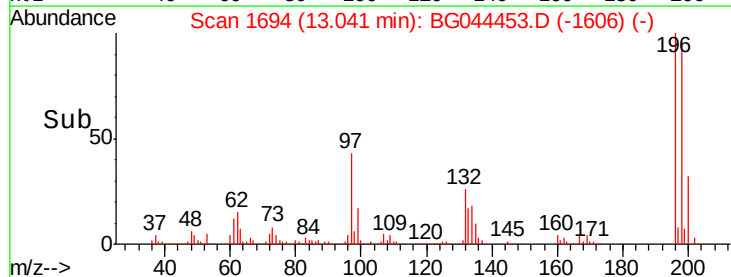
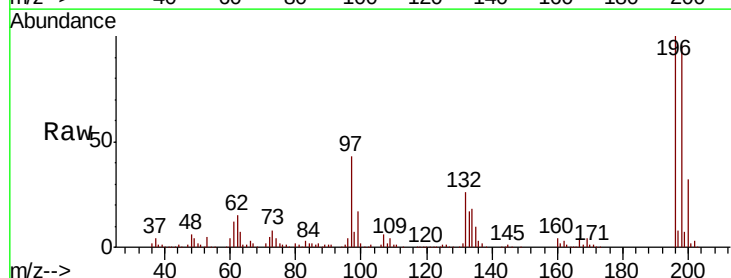
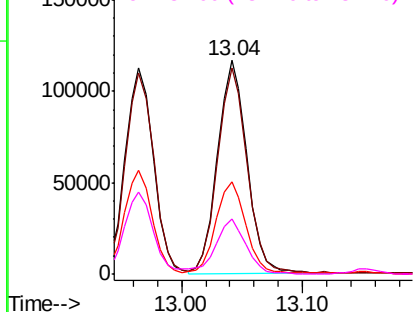
Abundance

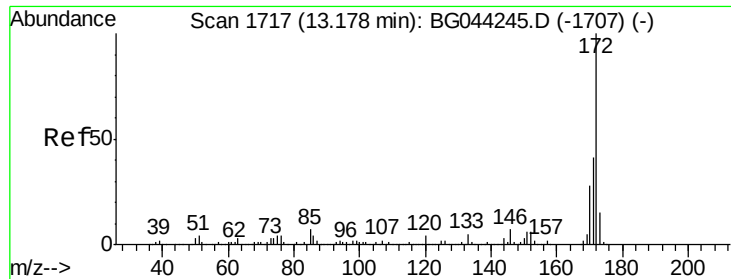
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

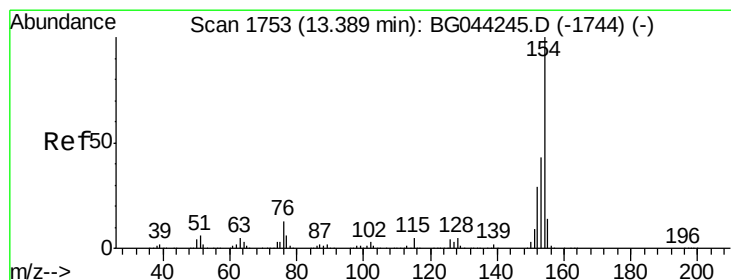
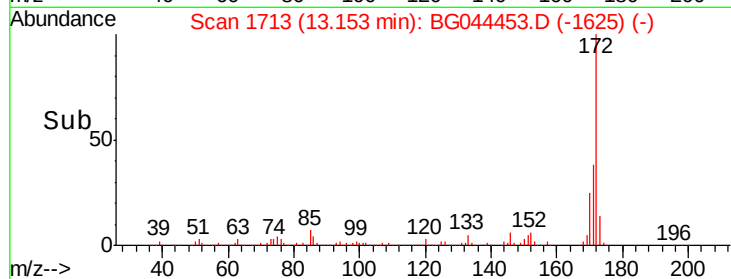
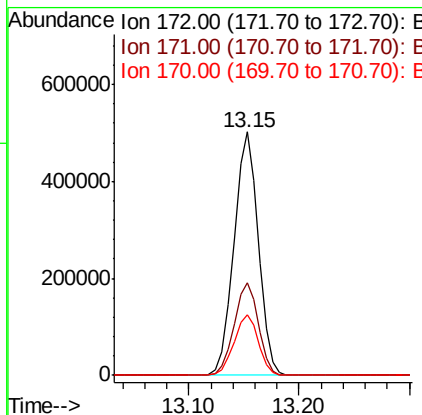
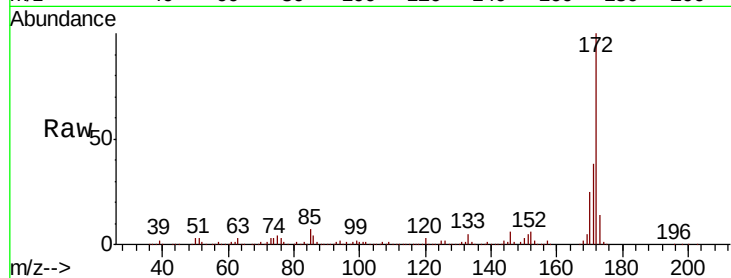




#45
 2-Fluorobiphenyl
 Concen: 69.540 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

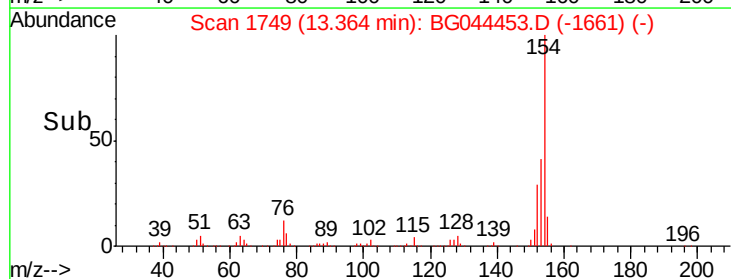
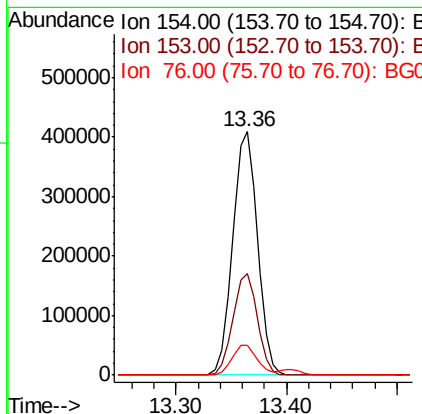
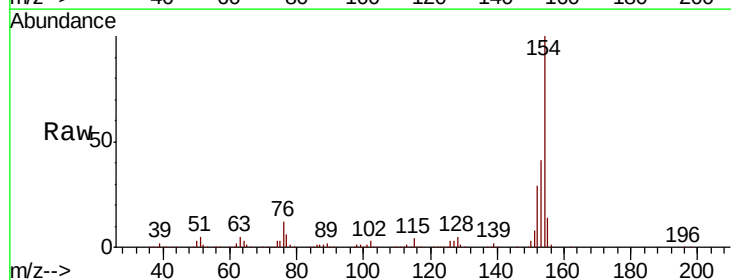
Instrument :
 BNA_G
 ClientSampleId :

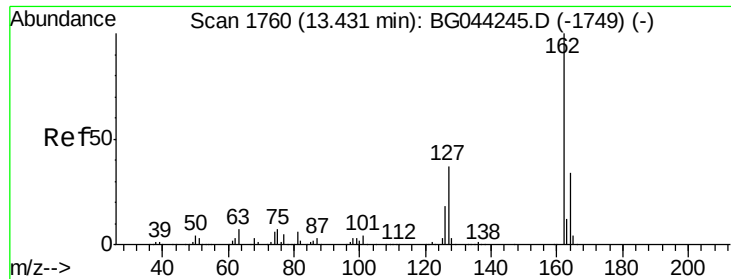
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.9	49.3
170	25.1	22.0	33.0



#46
 1,1'-Biphenyl
 Concen: 47.929 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.7	62.7
76	12.2	0.0	32.9

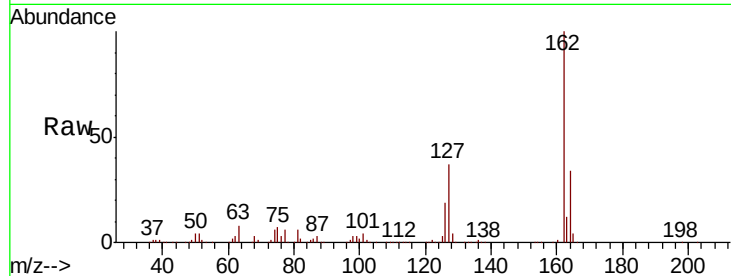




#47
 2-Chloronaphthalene
 Concen: 46.963 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.7	30.0	45.0
164	34.2	27.2	40.8

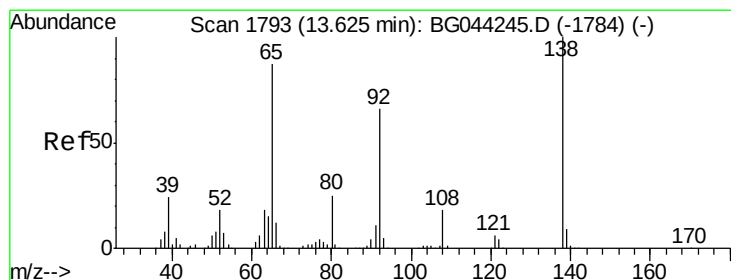
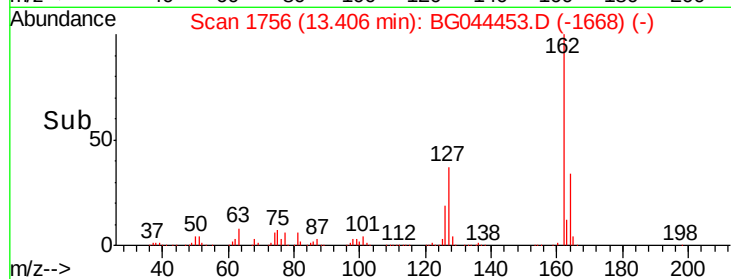
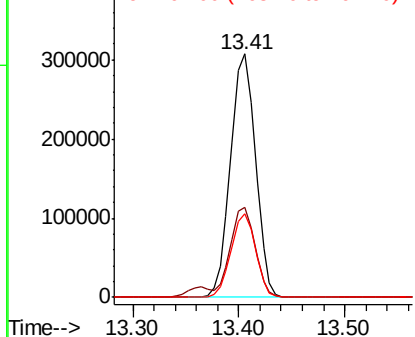


Abundance

Ion 162.00 (161.70 to 162.70): E

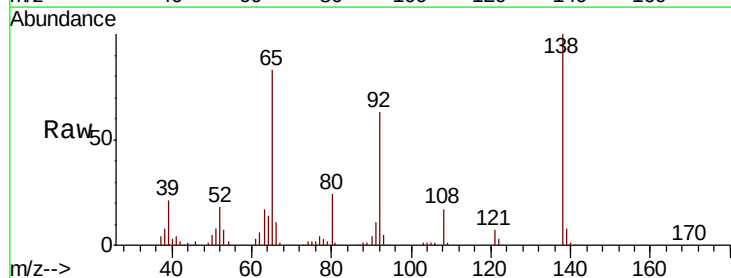
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 45.644 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.4	60.3	90.5
138	120.3	91.9	137.9

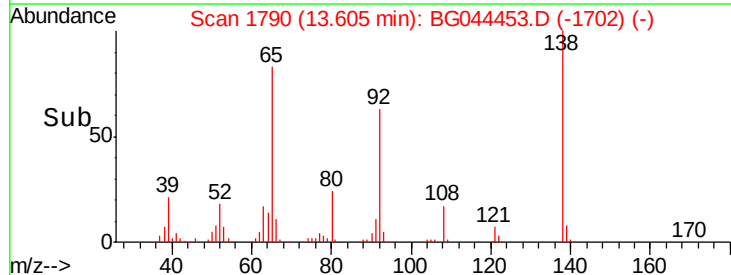
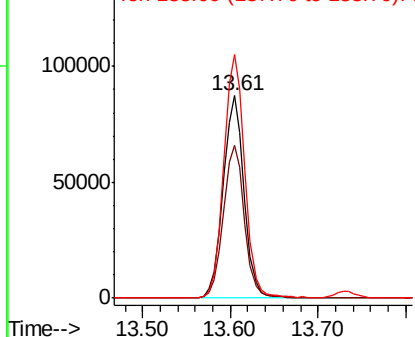


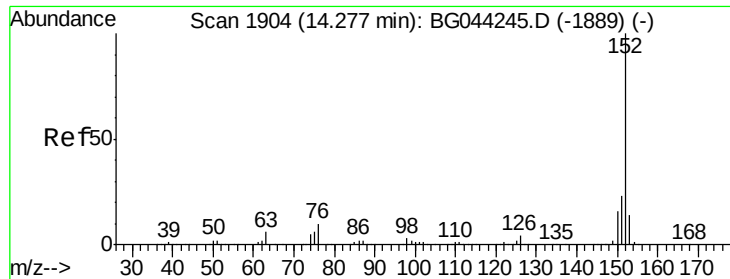
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.968 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

ClientSampleId :

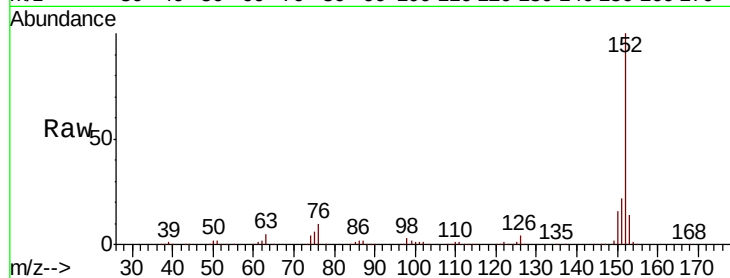
Tot Ion:152 Resp: 799528

Ion Ratio Lower Upper

152 100

151 21.8 18.1 27.1

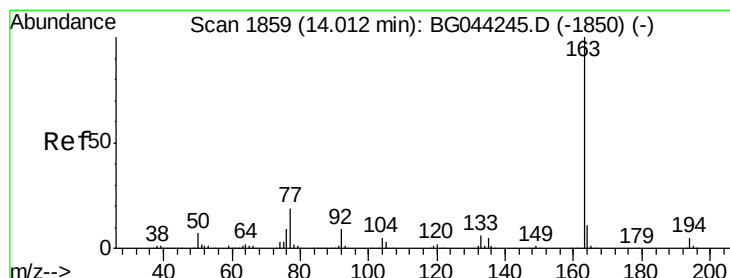
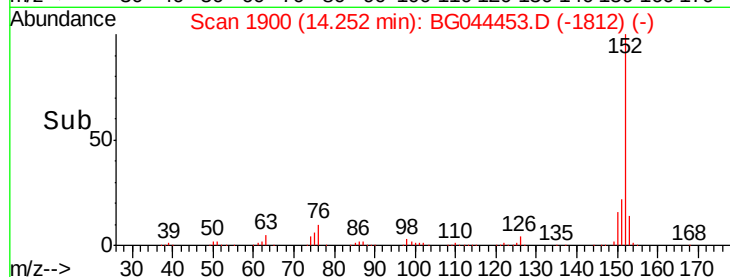
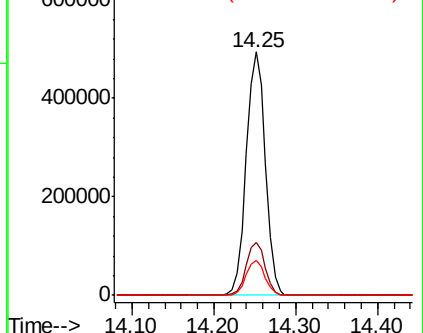
153 14.2 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.473 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

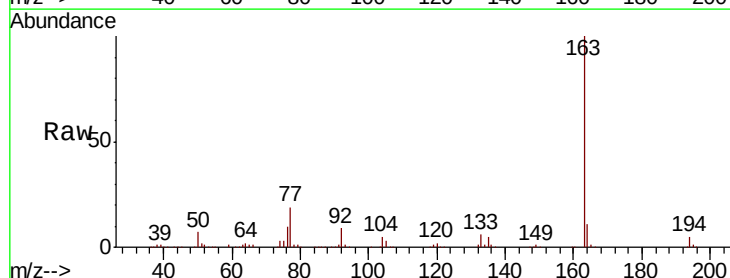
Tgt Ion:163 Resp: 676037

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

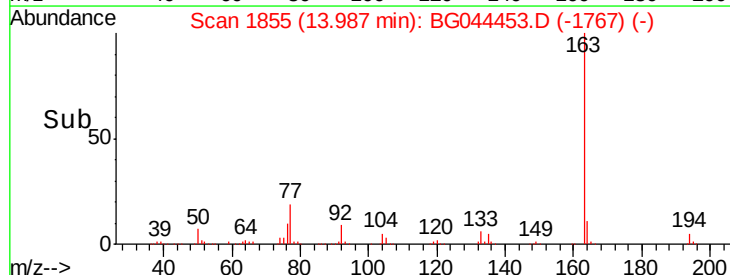
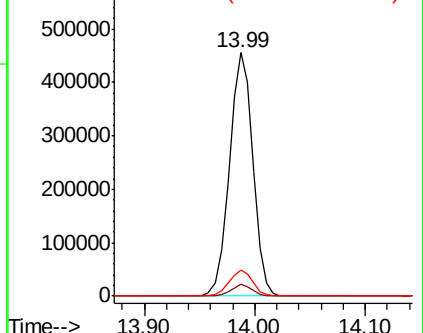
164 10.9 8.7 13.1

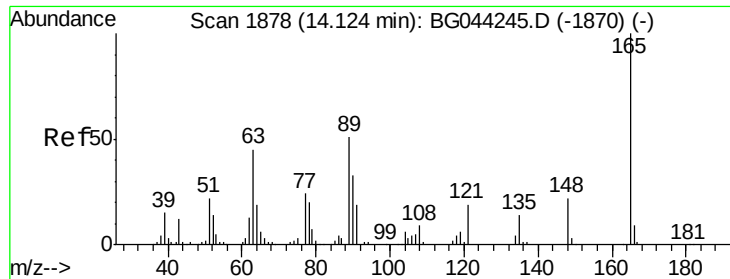


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

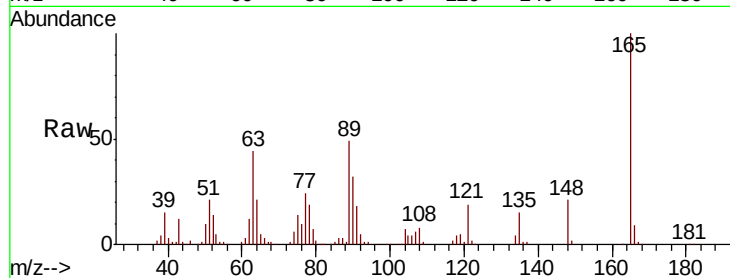




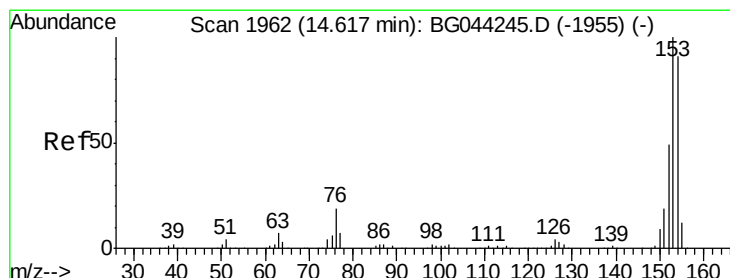
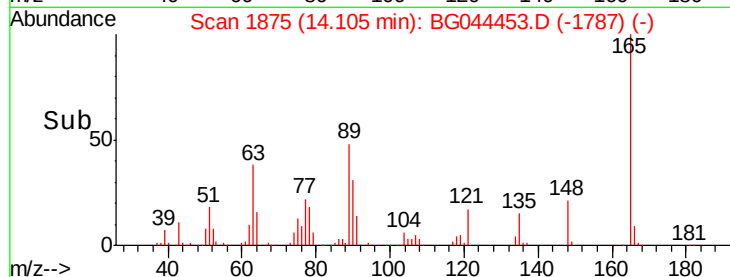
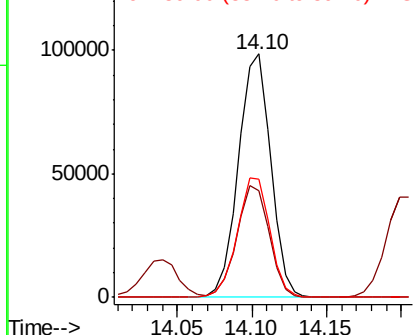
#51
2,6-Dinitrotoluene
Concen: 49.589 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 148093
Ion Ratio Lower Upper
165 100
63 43.7 38.7 58.1
89 48.6 40.4 60.6

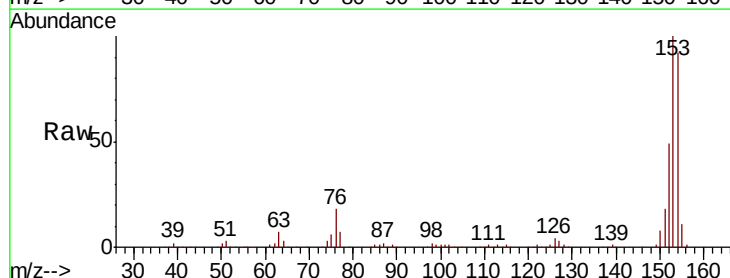


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

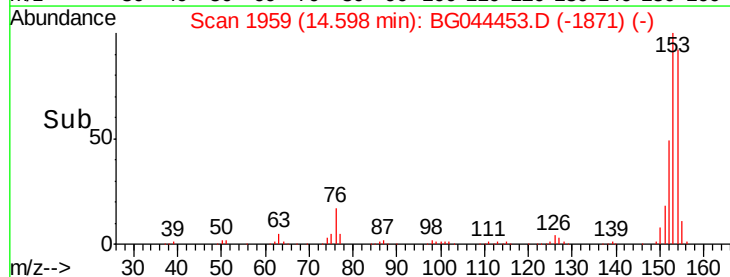
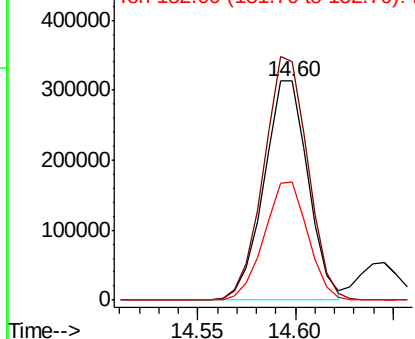


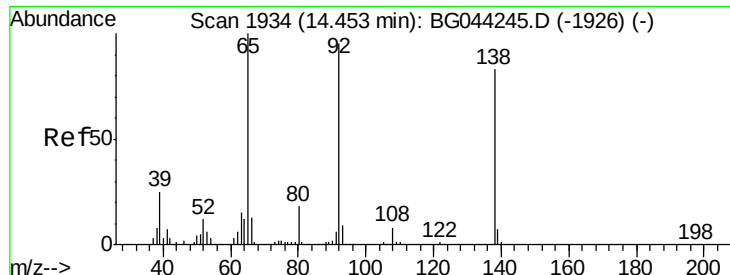
#52
Acenaphthene
Concen: 48.208 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion:154 Resp: 490166
Ion Ratio Lower Upper
154 100
153 109.0 87.9 131.9
152 53.9 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

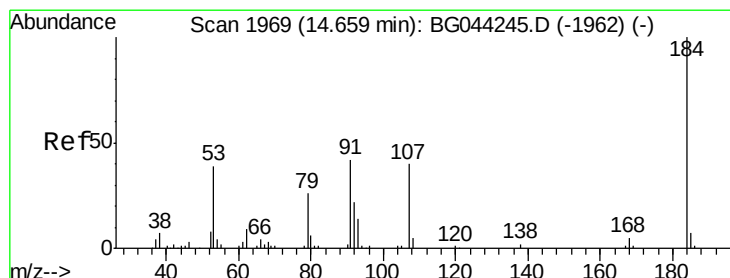
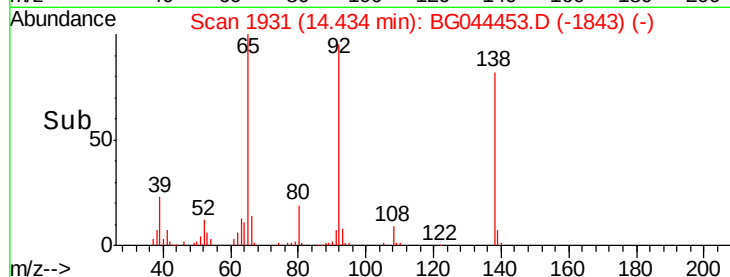
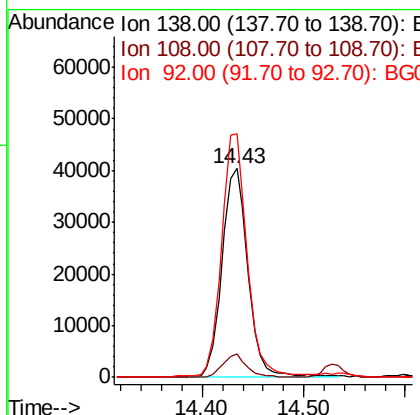
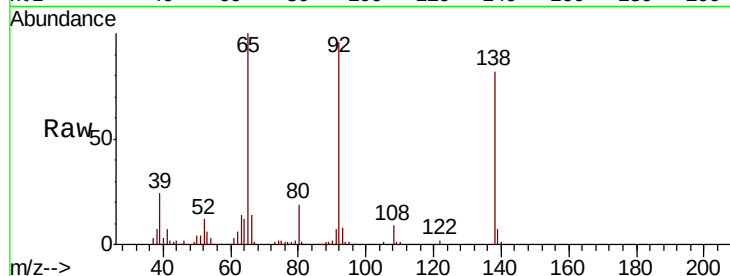




#53
 3-Nitroaniline
 Concen: 21.719 ng
 RT: 14.43 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

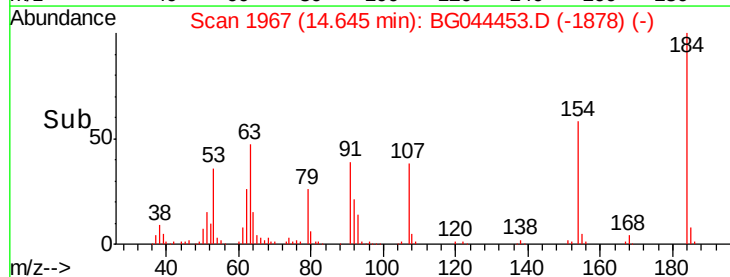
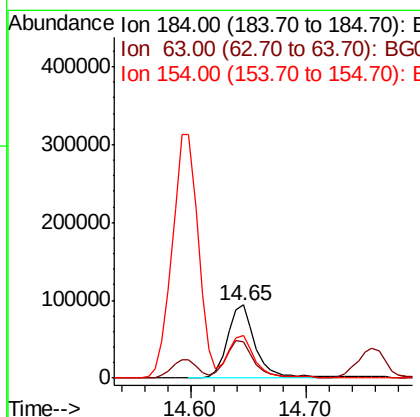
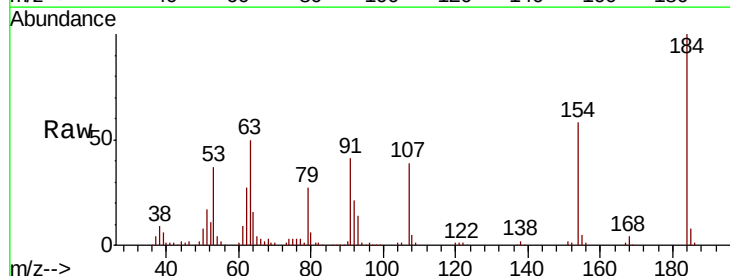
Instrument :
 BNA_G
 ClientSampleId :

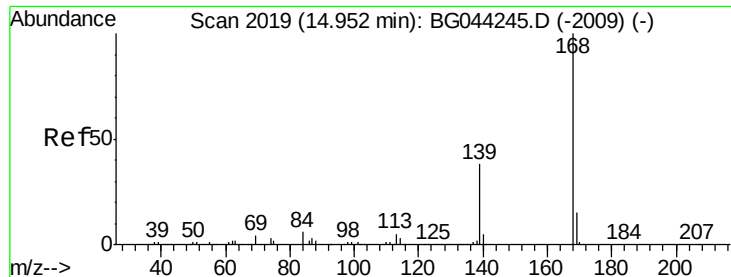
Tot Ion:138 Resp: 71760
 Ion Ratio Lower Upper
 138 100
 108 11.1 7.9 11.9
 92 116.7 91.0 136.4



#54
 2,4-Dinitrophenol
 Concen: 88.287 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion:184 Resp: 157774
 Ion Ratio Lower Upper
 184 100
 63 50.1 44.1 66.1
 154 57.8 45.4 68.0

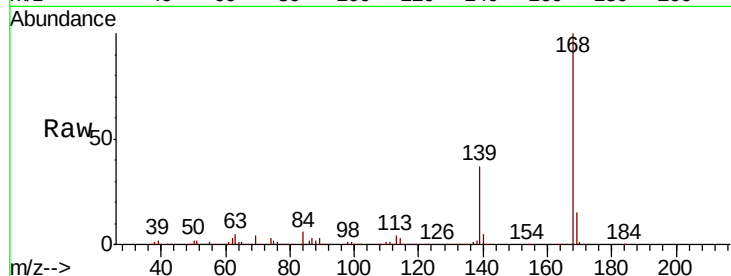




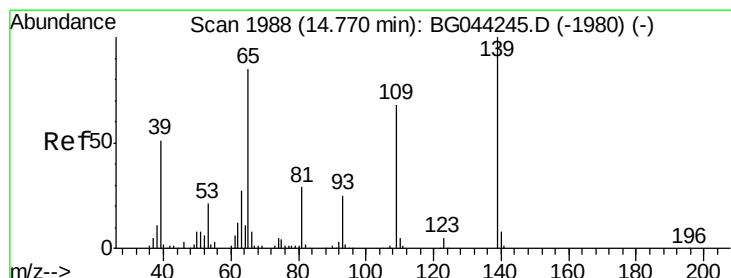
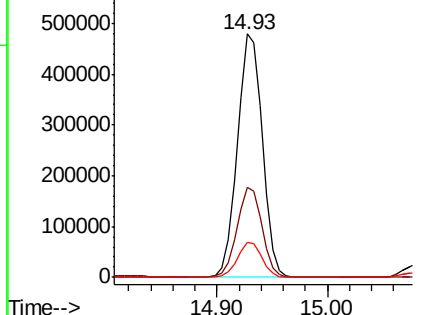
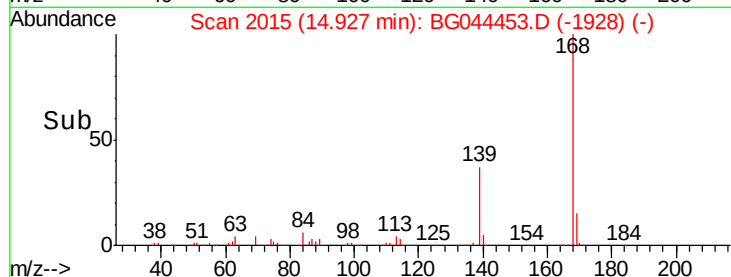
#55
Dibenzenofuran
Concen: 49.414 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 760690
Ion Ratio Lower Upper
168 100
139 37.1 30.5 45.7
169 14.6 11.7 17.5

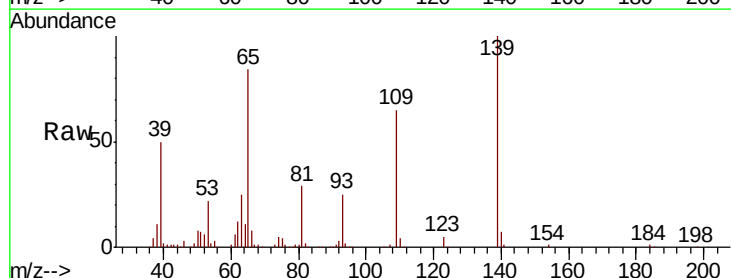


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

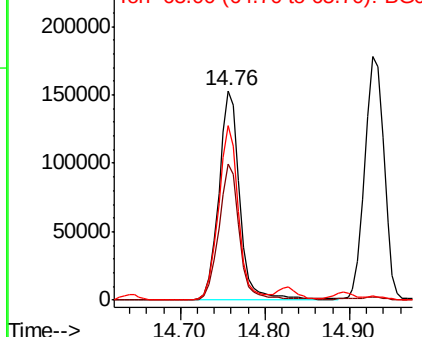
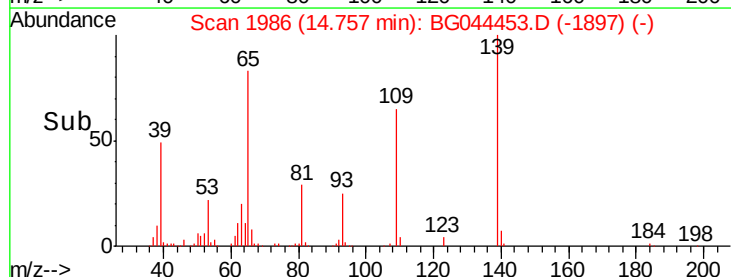


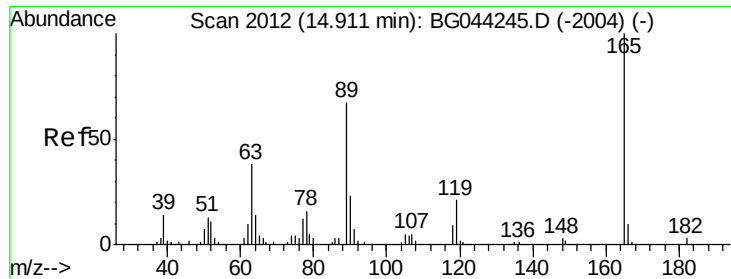
#56
4-Nitrophenol
Concen: 109.366 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion:139 Resp: 264687
Ion Ratio Lower Upper
139 100
109 64.9 47.5 87.5
65 83.6 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

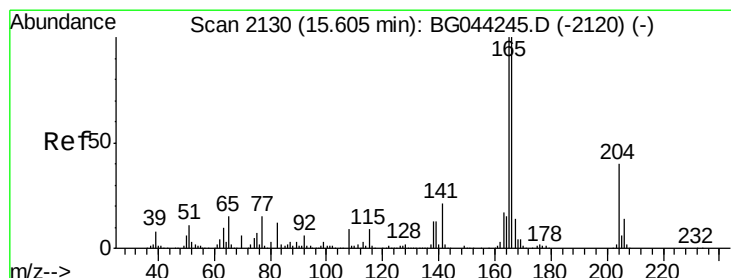
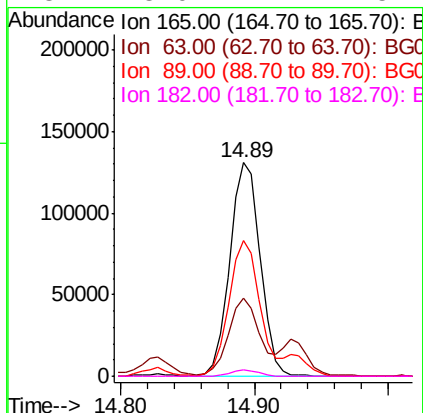
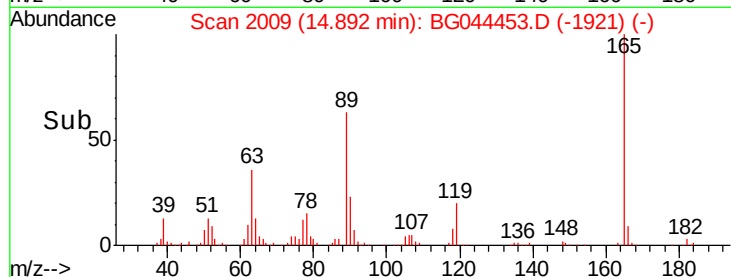
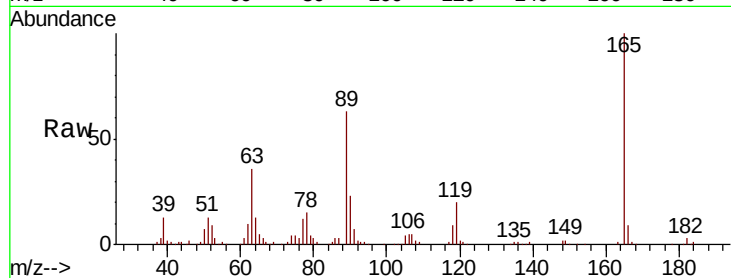




#57
2,4-Dinitrotoluene
Concen: 49.664 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

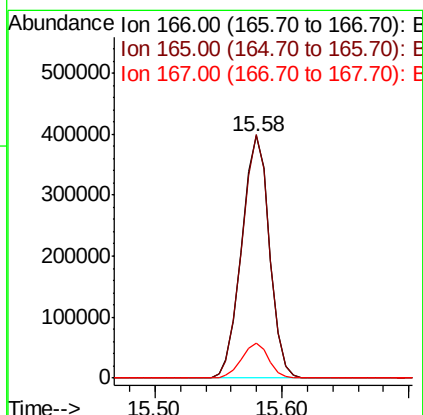
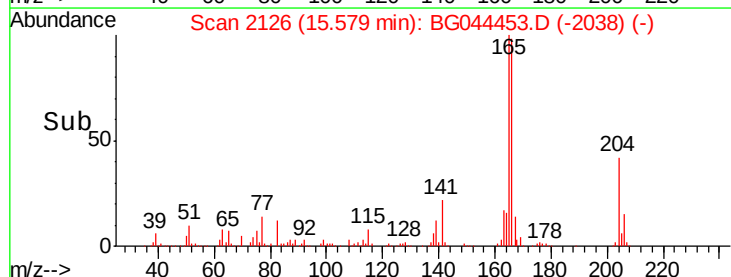
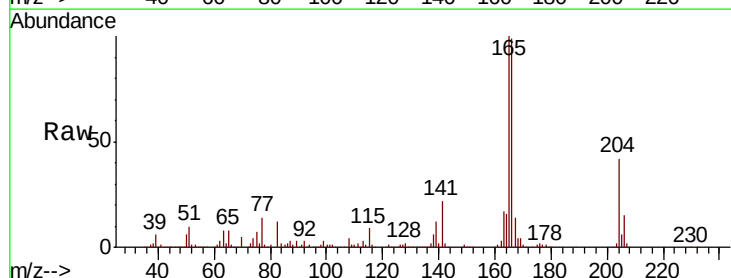
Instrument :
BNA_G
ClientSampleId :

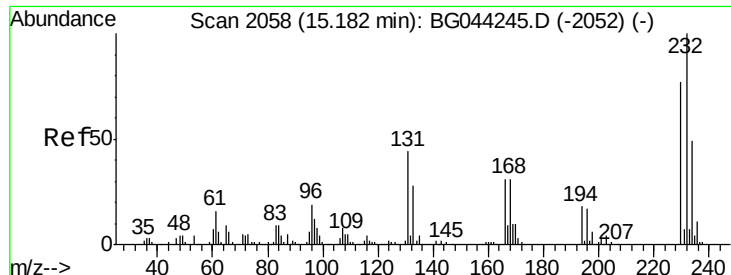
Tot Ion:165	Resp: 207878
Ion Ratio	Lower Upper
165 100	
63 36.4	30.3 45.5
89 63.5	53.4 80.2
182 3.0	2.1 3.1



#58
Fluorene
Concen: 49.667 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt	Ion:166	Resp:	602217
Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.9	119.9
167	14.2	11.4	17.0

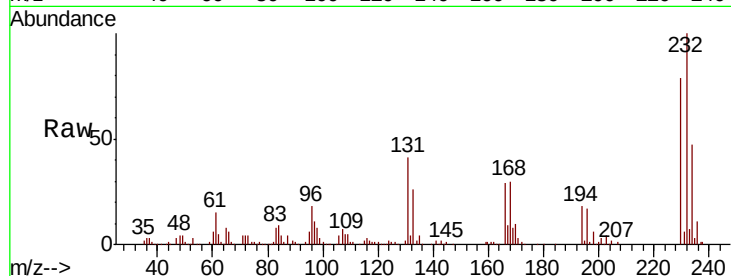




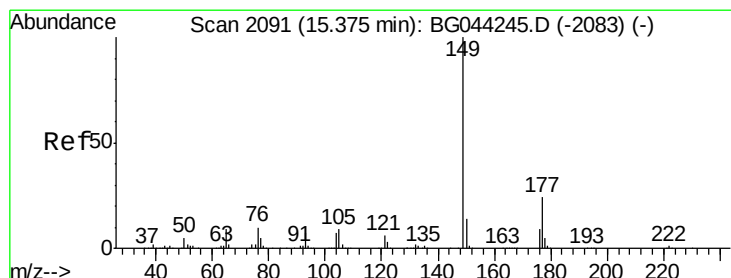
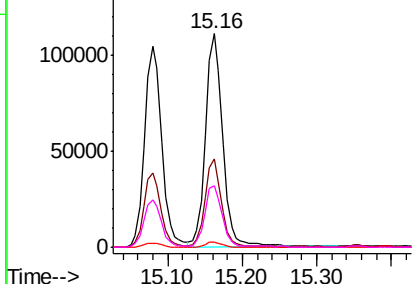
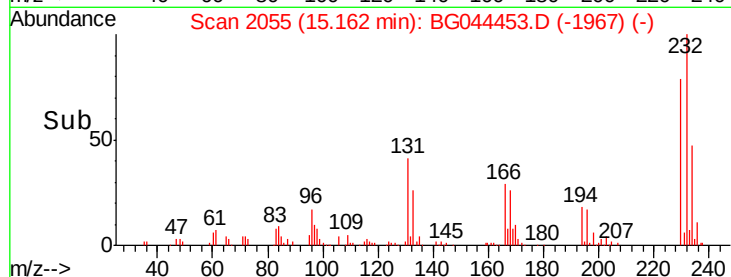
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.296 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	177147
Ion	Ratio	Lower	Upper
232	100		
131	39.6	34.2	51.4
130	2.3	1.8	2.8
166	29.1	23.8	35.8

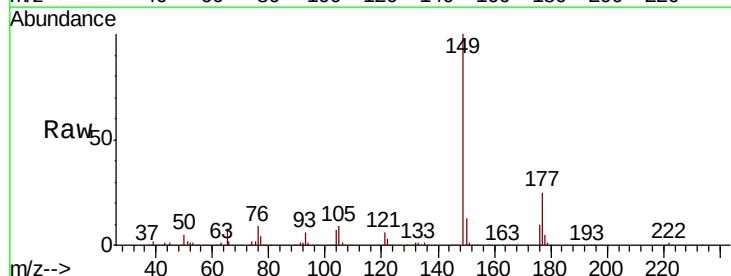


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

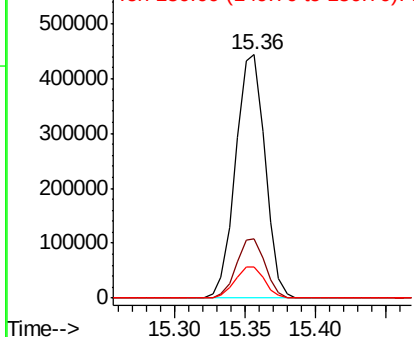
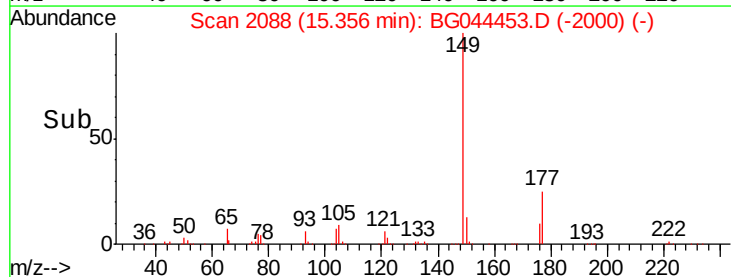


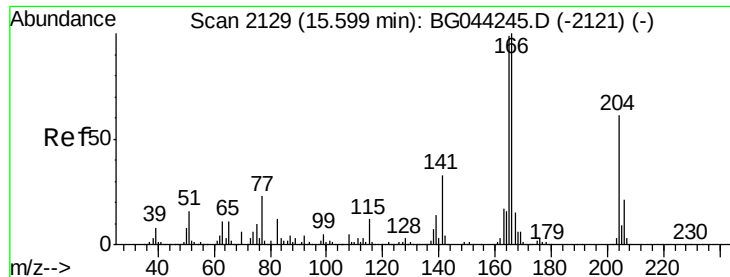
#60
 Diethylphthalate
 Concen: 48.434 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion:	149	Resp:	646399
Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.4	29.0
150	12.6	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

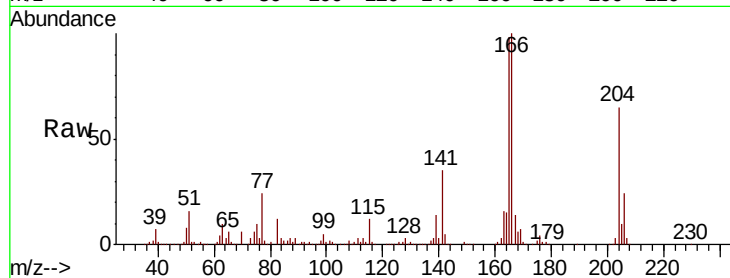




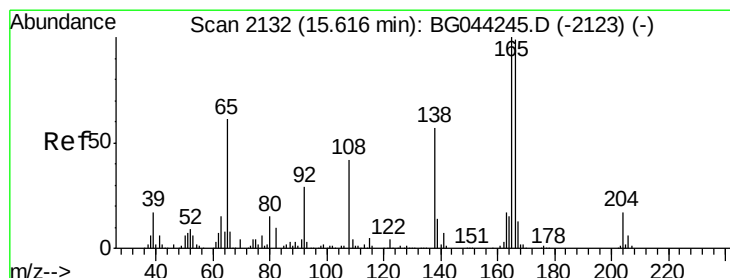
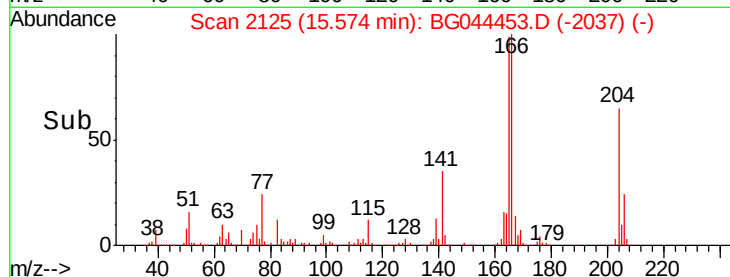
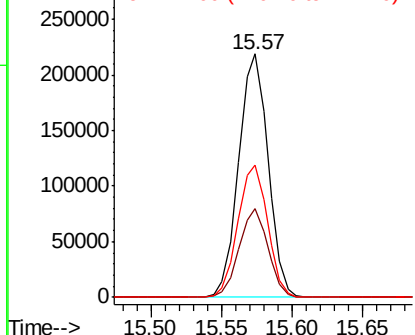
#61
 4-Chlorophenyl-phenylether
 Concen: 48.438 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	204	Resp:	318447
Ion	Ratio	Lower	Upper
204	100		
206	36.4	27.6	41.4
141	54.3	43.4	65.0

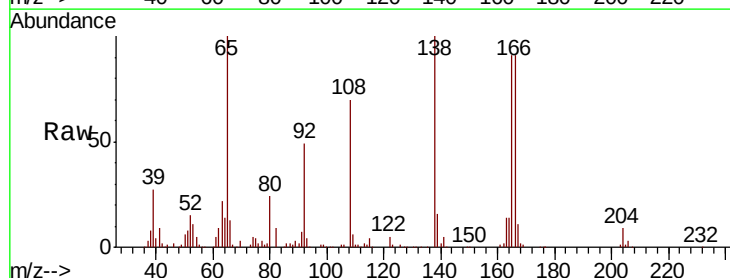


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

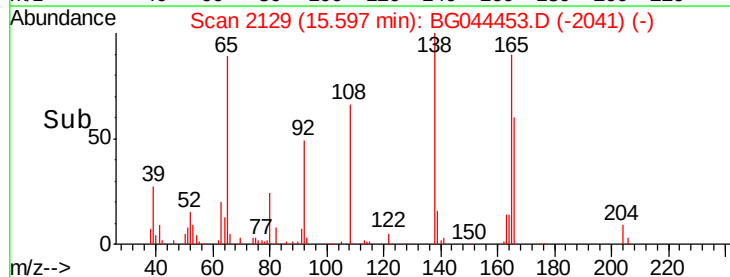
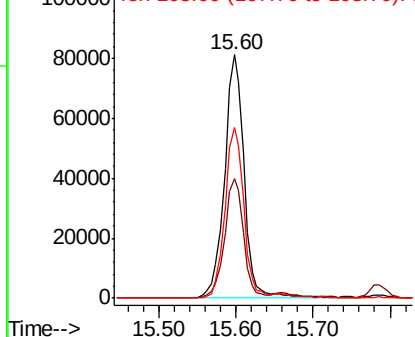


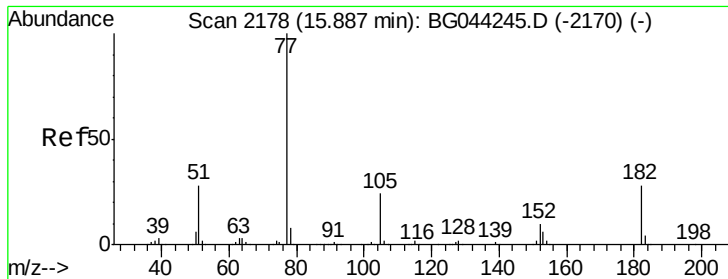
#62
 4-Nitroaniline
 Concen: 43.777 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion:	138	Resp:	144527
Ion	Ratio	Lower	Upper
138	100		
92	48.8	31.3	71.3
108	70.1	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: 48.490 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 567188

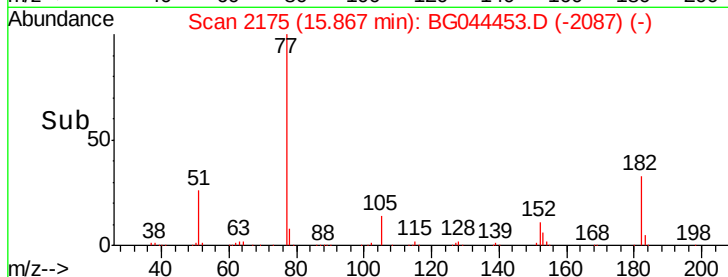
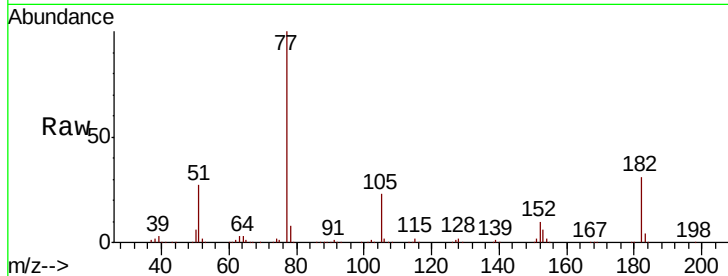
Ion Ratio Lower Upper

77 100

182 31.1 8.2 48.2

105 23.4 3.6 43.6

51 27.3 8.3 48.3

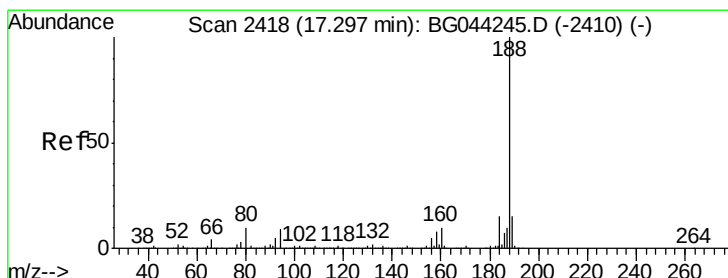
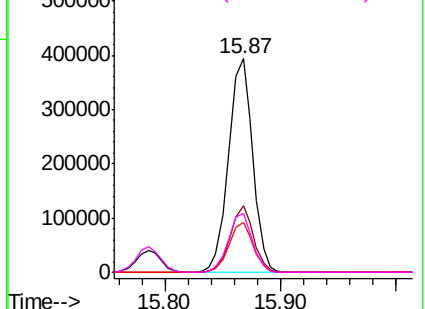


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.28 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

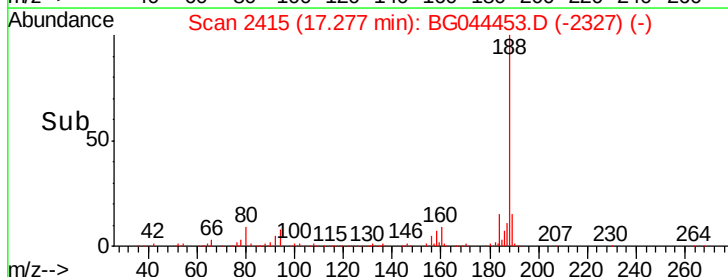
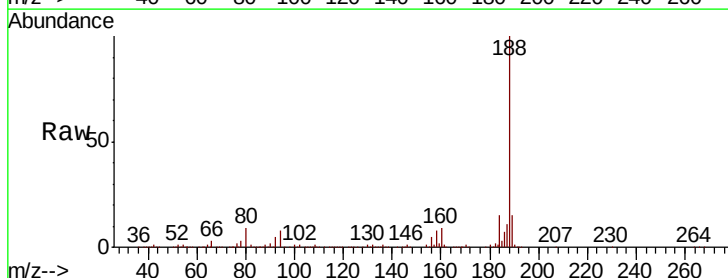
Tgt Ion: 188 Resp: 412817

Ion Ratio Lower Upper

188 100

94 8.2 7.4 11.2

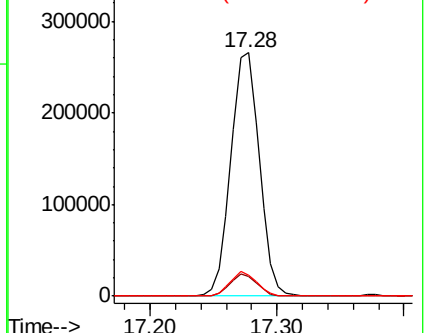
80 8.8 7.7 11.5

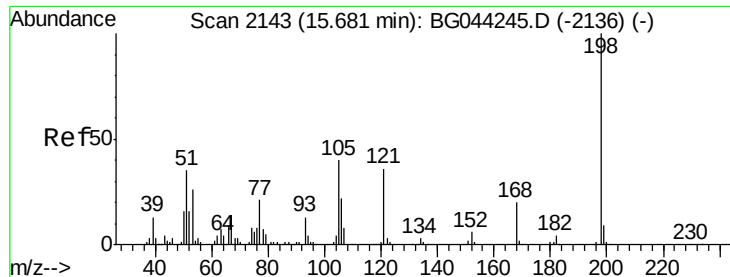


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

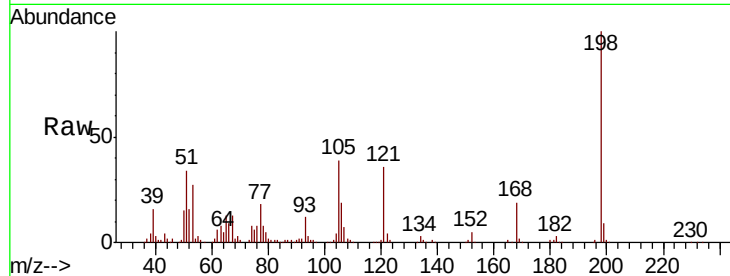




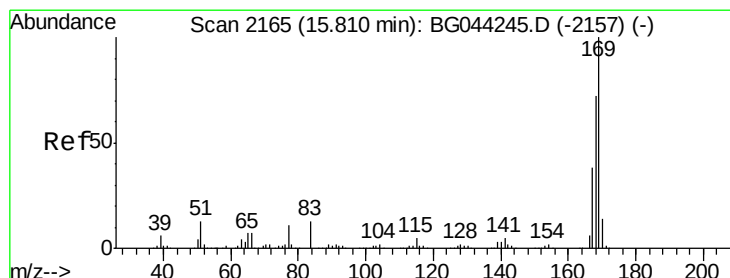
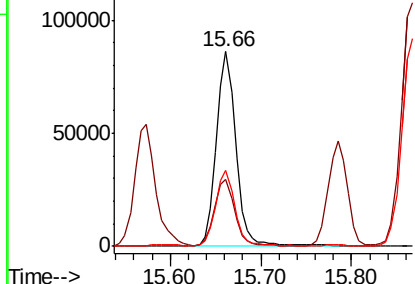
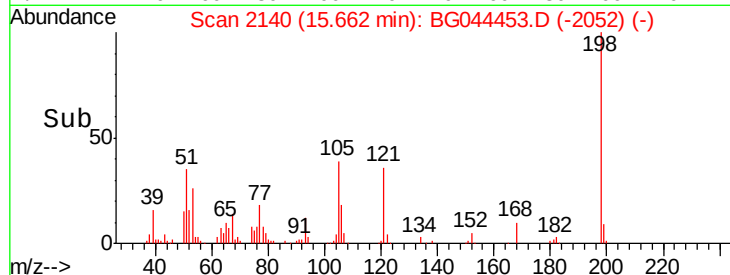
#65
 4,6-Dinitro-2-methylphenol
 Concen: 56.589 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.3	16.6	56.6
105	38.8	20.6	60.6

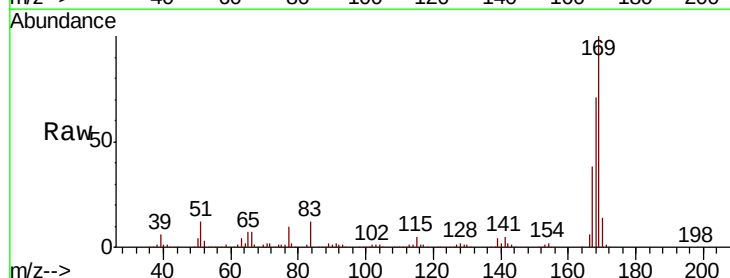


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

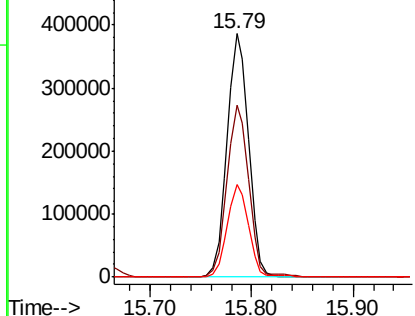
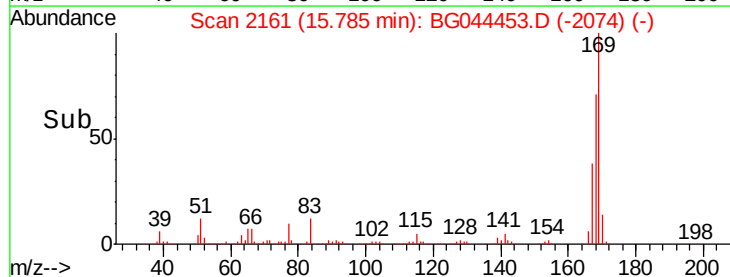


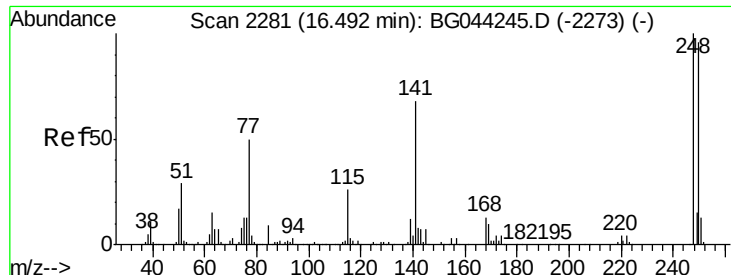
#66
 n-Nitrosodiphenylamine
 Concen: 49.058 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.02 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.7	57.9	86.9
167	38.2	30.7	46.1



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

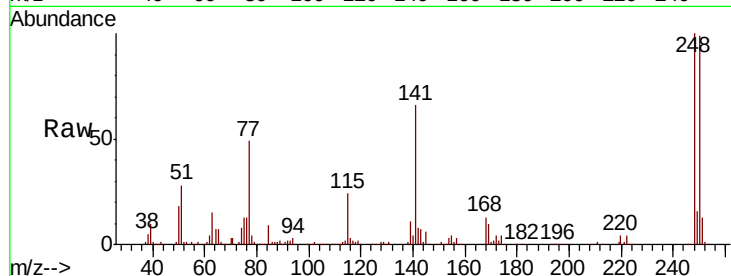




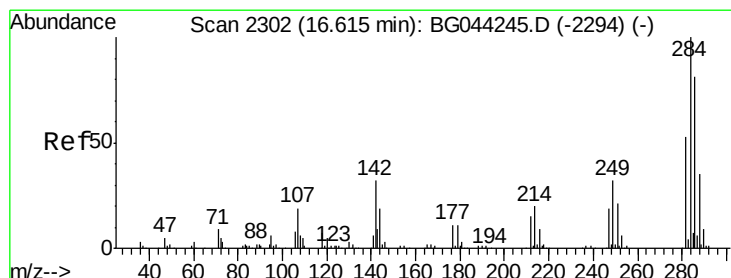
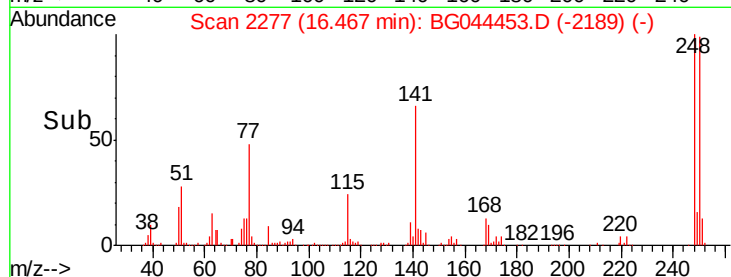
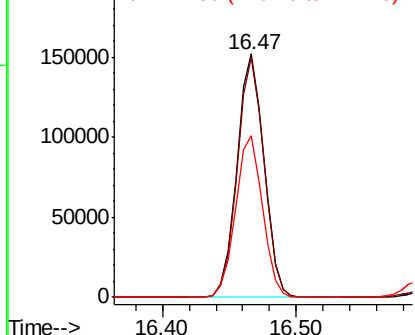
#67
 4-Bromophenyl-phenylether
 Concen: 47.382 ng
 RT: 16.47 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 213107
 Ion Ratio Lower Upper
 248 100
 250 98.7 76.6 114.8
 141 66.4 54.7 82.1

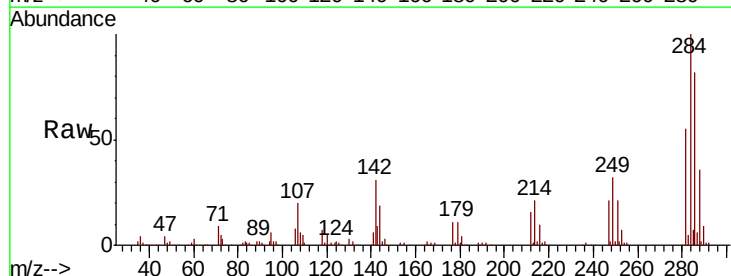


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

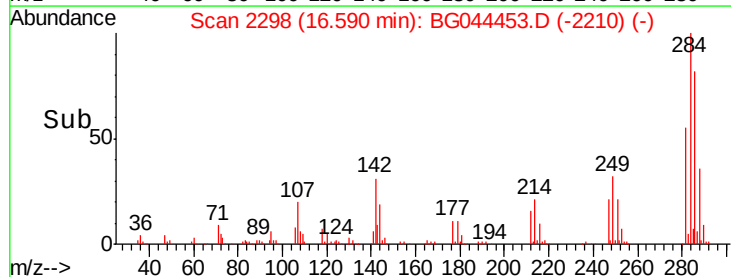
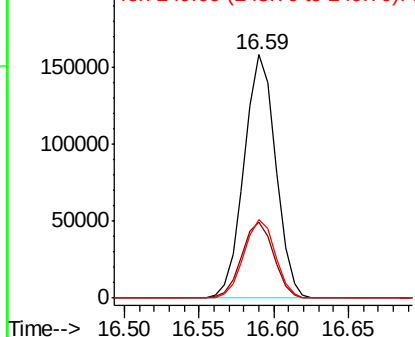


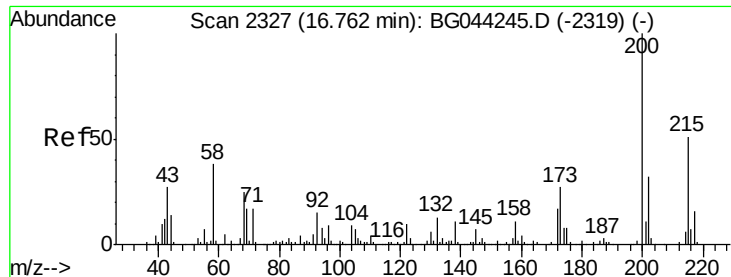
#68
 Hexachlorobenzene
 Concen: 46.095 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion:284 Resp: 232266
 Ion Ratio Lower Upper
 284 100
 142 31.1 25.3 37.9
 249 32.5 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

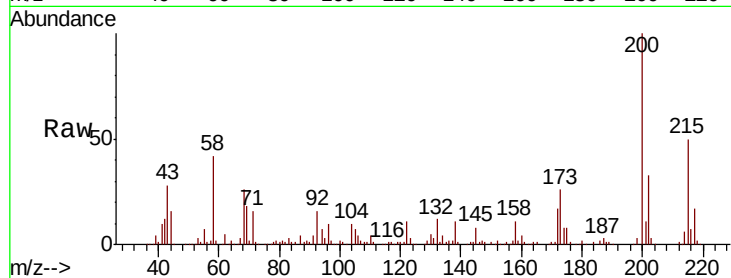




#69
 Atrazine
 Concen: 55.644 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.02 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.6	46.6
215	50.2	31.0	71.0

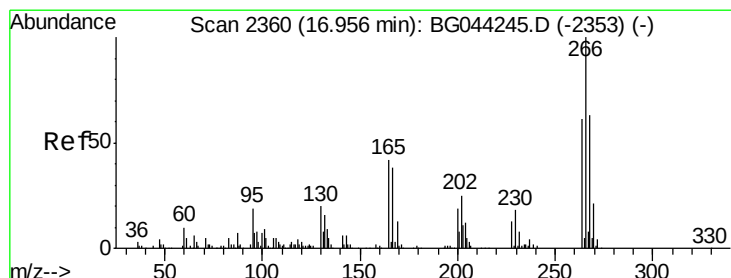
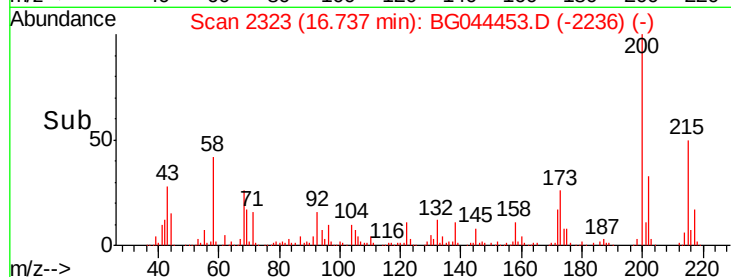
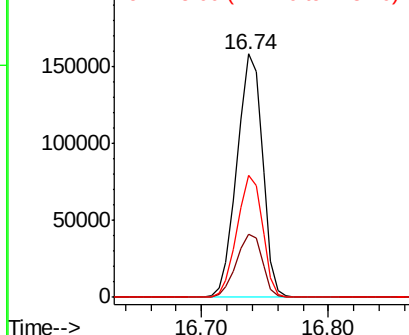


Abundance

Ion 200.00 (199.70 to 200.70): E

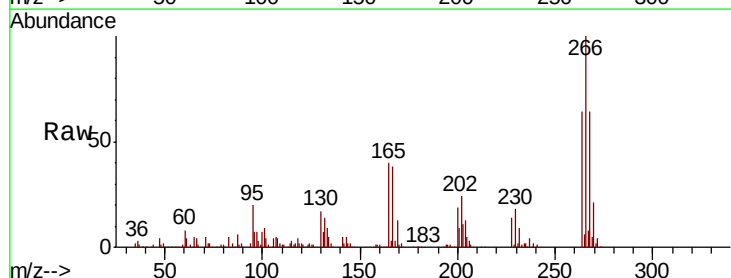
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 94.467 ng
 RT: 16.94 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.6	75.8
264	63.6	48.7	73.1

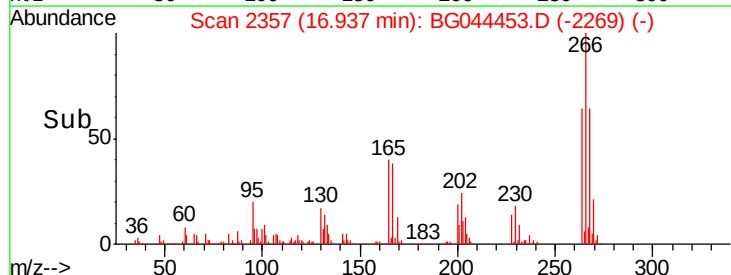
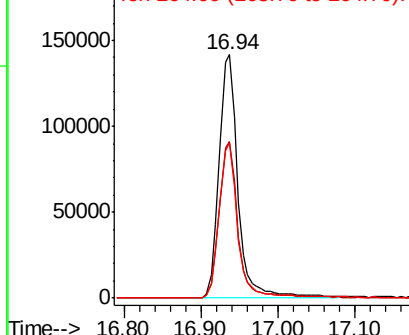


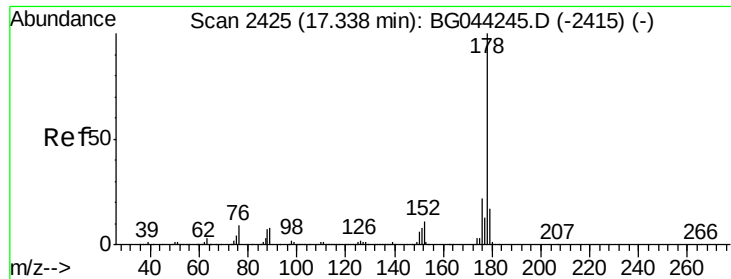
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

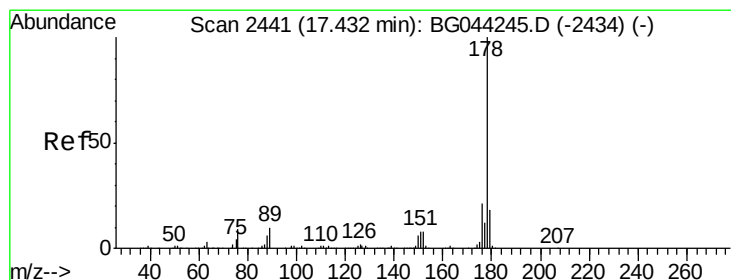
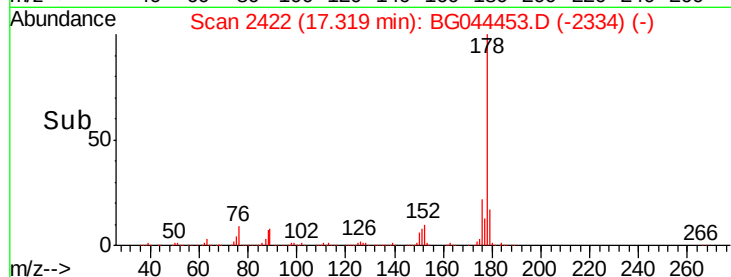
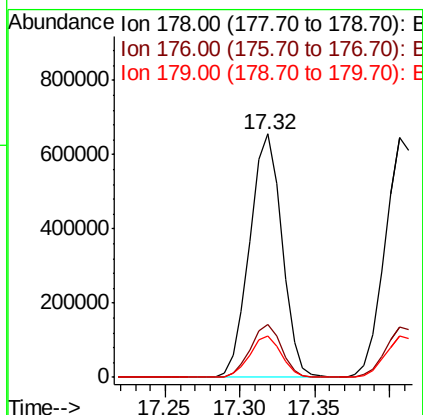
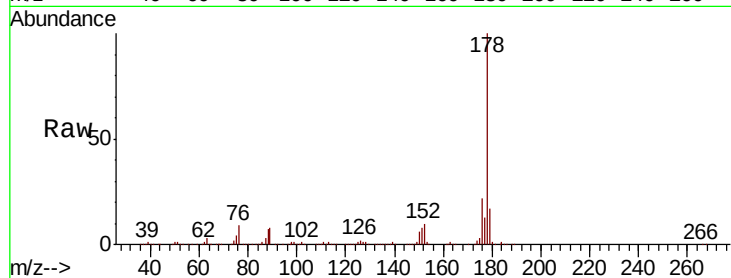




#71
Phenanthrene
Concen: 48.985 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

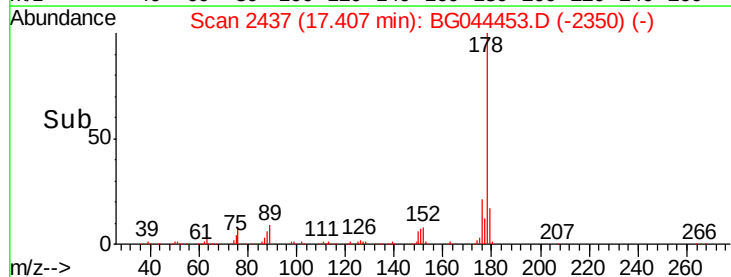
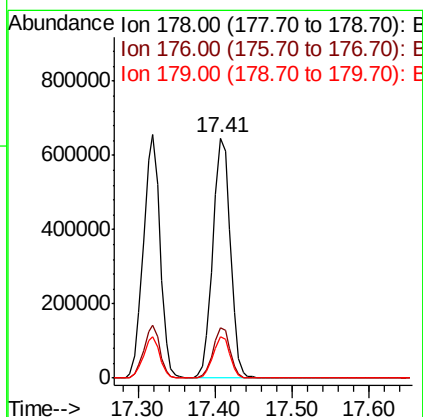
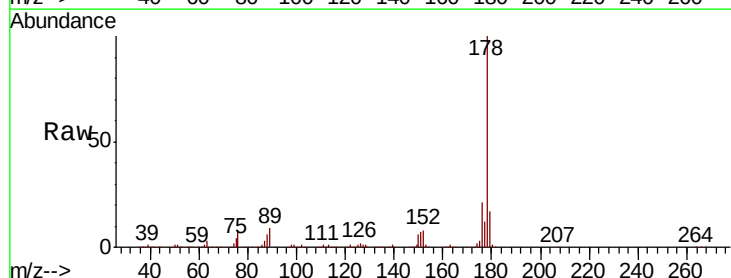
Instrument :
BNA_G
ClientSampleId :

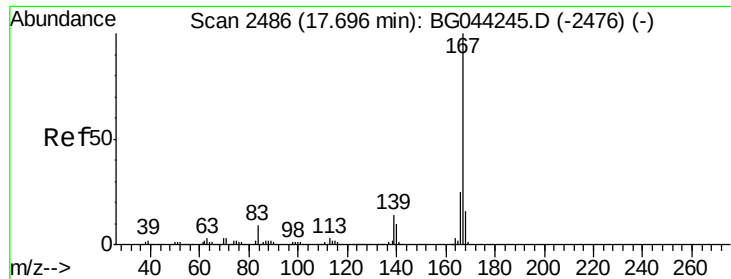
Tot Ion:178 Resp: 979217
Ion Ratio Lower Upper
178 100
176 21.6 17.7 26.5
179 17.2 13.7 20.5



#72
Anthracene
Concen: 50.936 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.02 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion:178 Resp: 1006658
Ion Ratio Lower Upper
178 100
176 20.8 17.0 25.4
179 17.5 14.4 21.6





#73

Carbazole

Concen: 49.822 ng

RT: 17.68 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

ClientSampleId :

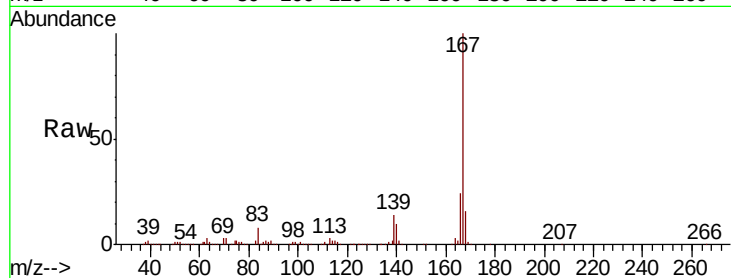
Tot Ion:167 Resp: 907730

Ion Ratio Lower Upper

167 100

166 24.2 19.8 29.6

139 13.6 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

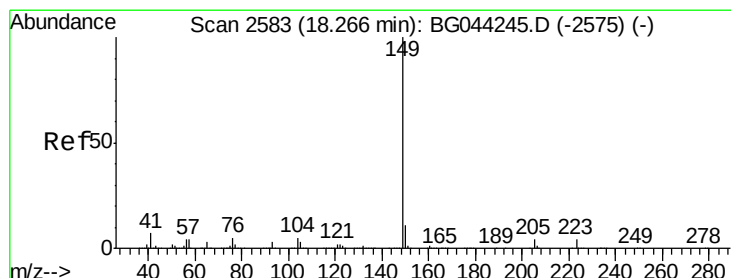
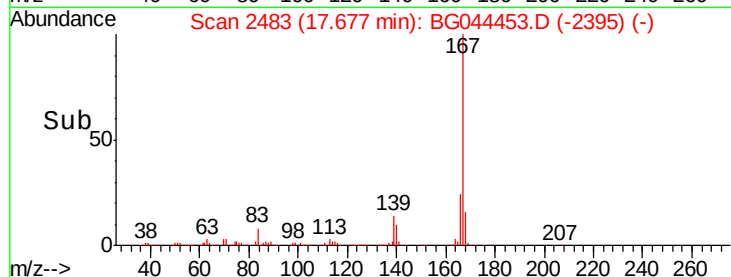
600000 17.68

400000

200000

0

Time--> 17.60 17.70 17.80



#74

Di-n-butylphthalate

Concen: 49.829 ng

RT: 18.24 min Scan# 2579

Delta R.T. -0.02 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

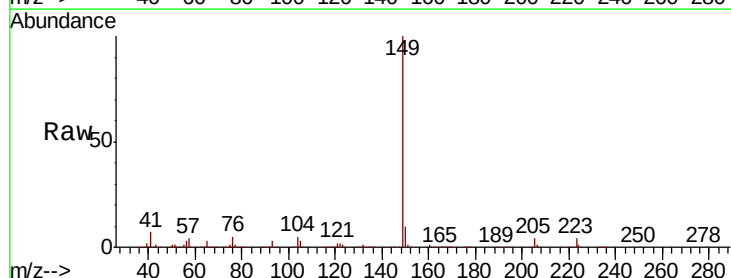
Tgt Ion:149 Resp: 1121902

Ion Ratio Lower Upper

149 100

150 10.4 8.7 13.1

104 5.2 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

1000000 18.24

800000

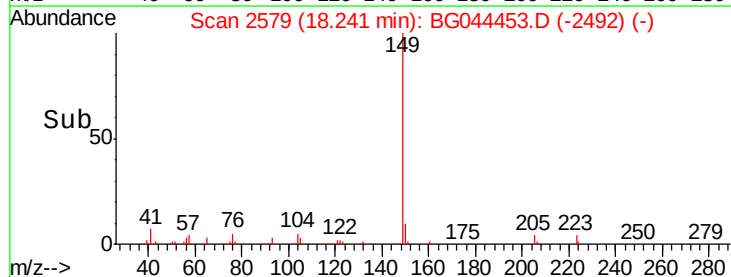
600000

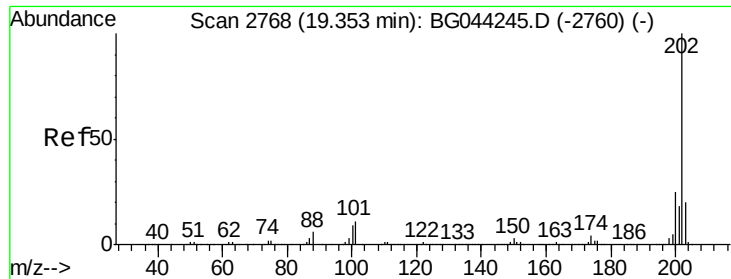
400000

200000

0

Time--> 18.20 18.30



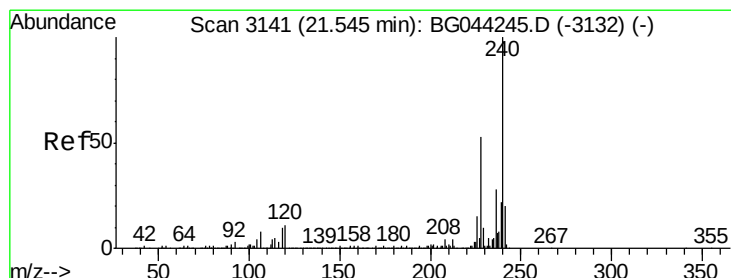
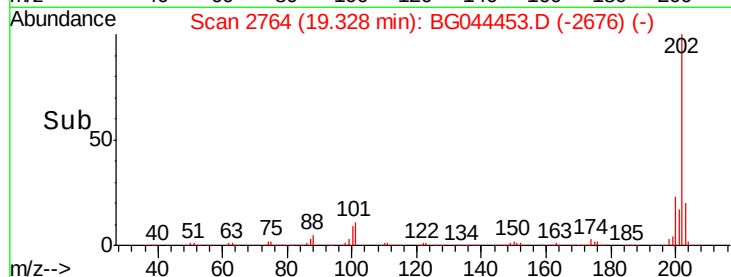
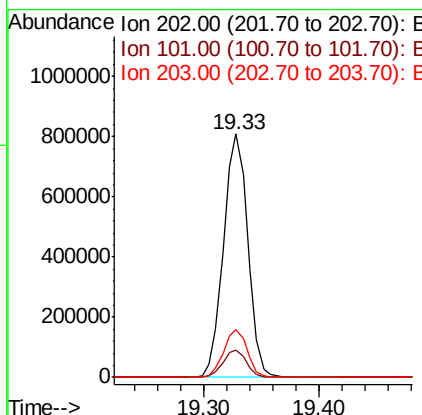
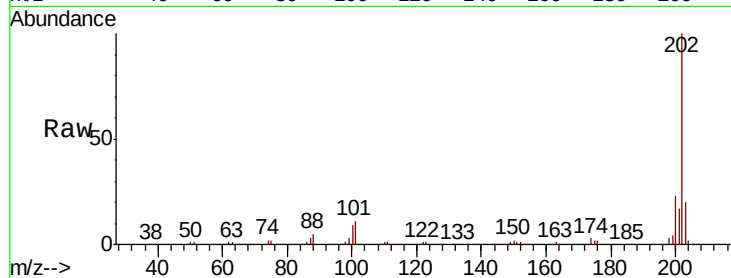


#75
 Fluoranthene
 Concen: 50.982 ng
 RT: 19.33 min Scan# 2764
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:202 Resp: 1178956

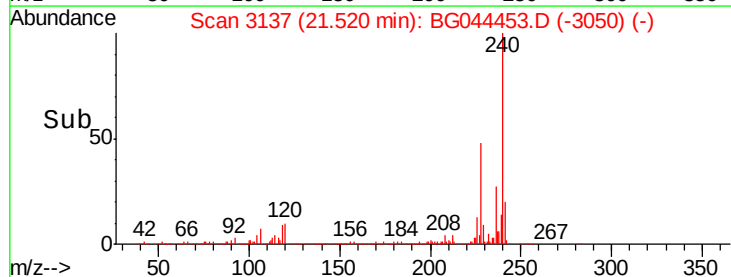
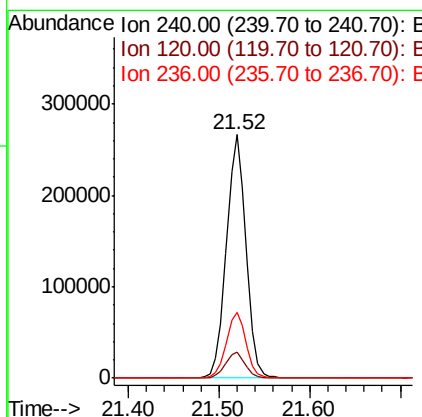
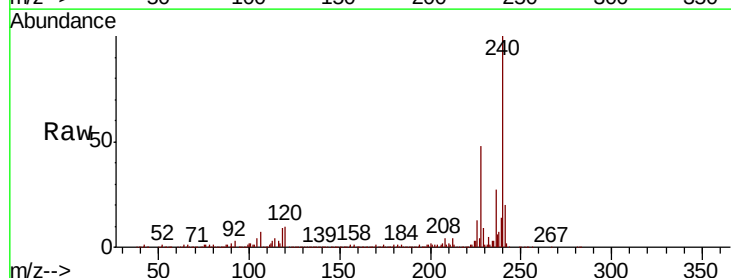
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.3
203	19.6	0.0	39.9

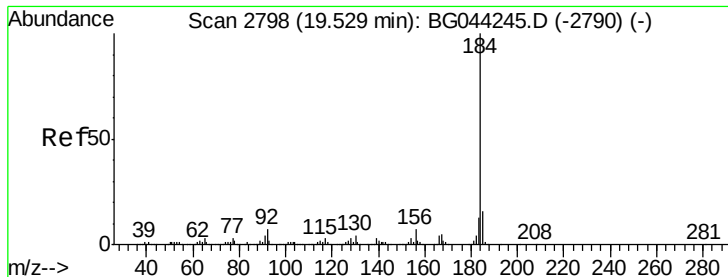


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.02 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion:240 Resp: 398812

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	26.8	22.1	33.1





#77

Benzidine

Concen: 37.967 ng

RT: 19.50 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

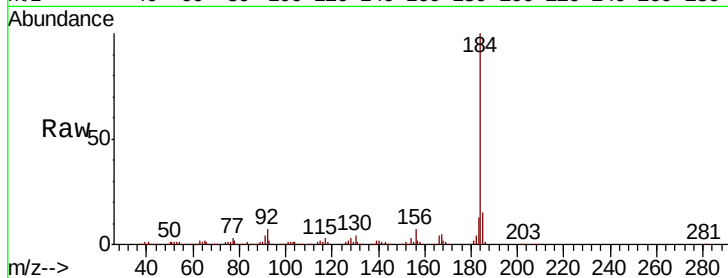
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 419993

Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.9	19.3
183	12.8	10.8	16.2

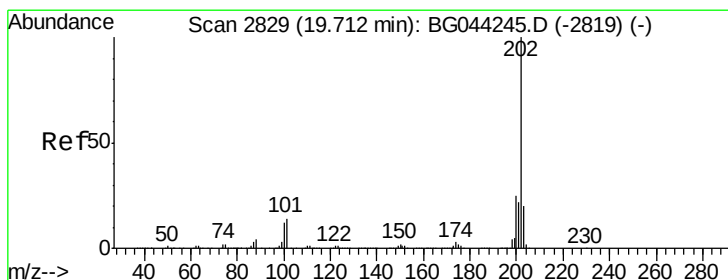
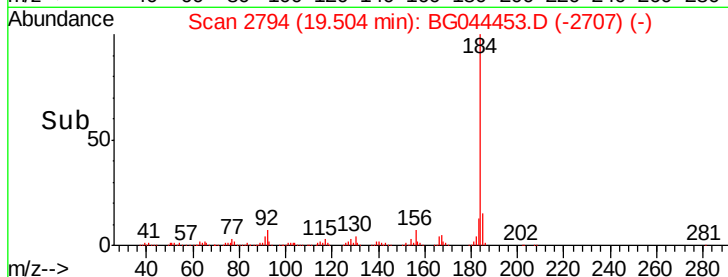
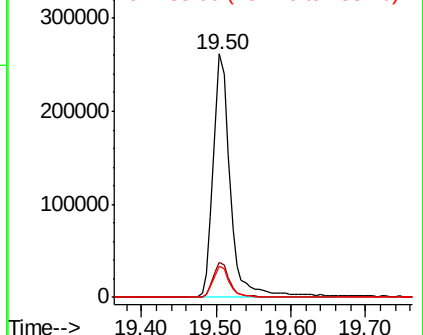


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.216 ng

RT: 19.69 min Scan# 2825

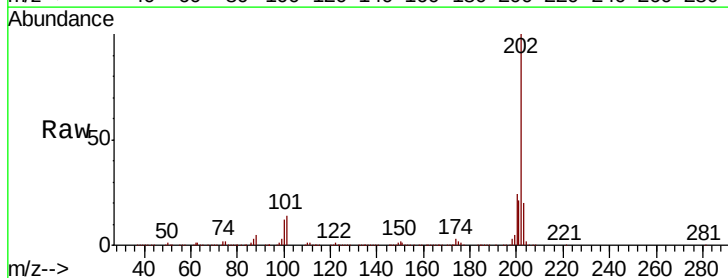
Delta R.T. -0.02 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Tgt Ion:202 Resp: 1183684

Ion	Ratio	Lower	Upper
202	100		
200	24.0	20.0	30.0
203	20.2	16.2	24.2

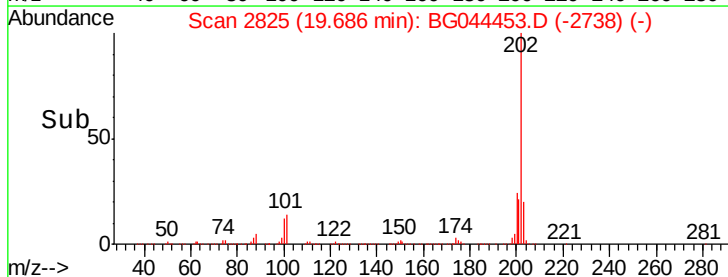
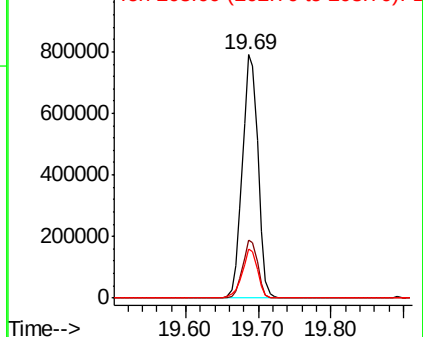


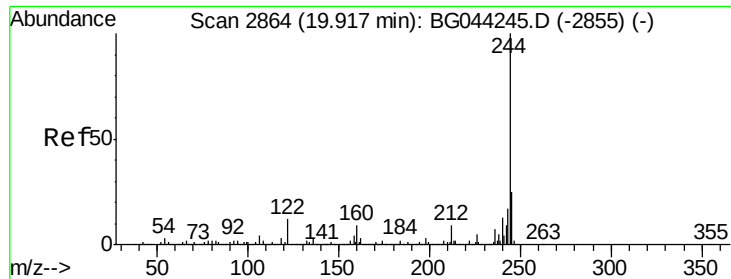
Abundance

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

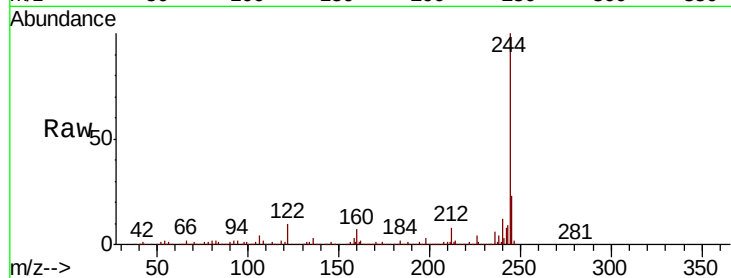




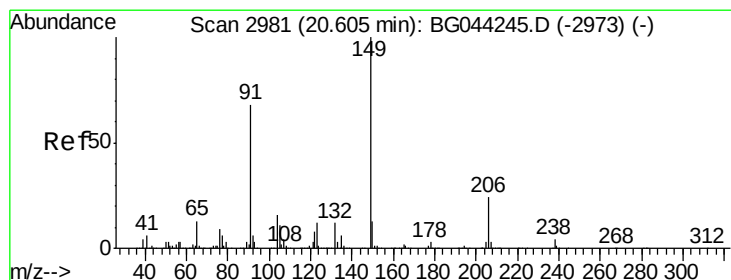
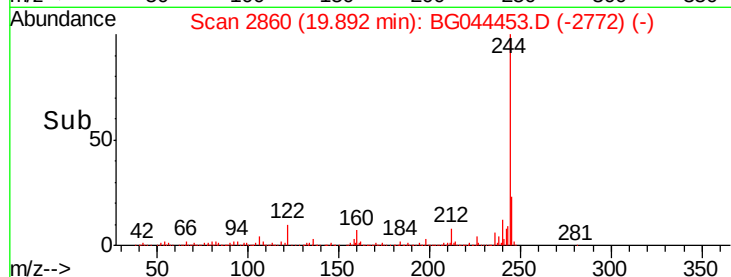
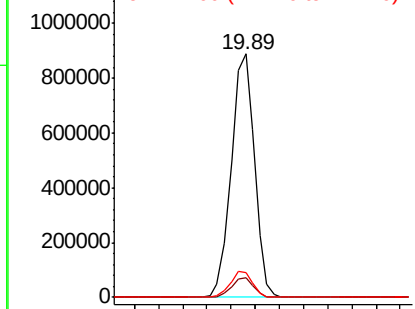
#79
 Terphenyl-d14
 Concen: 61.511 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1192644
 Ion Ratio Lower Upper
 244 100
 212 7.9 7.4 11.2
 122 10.3 9.8 14.6

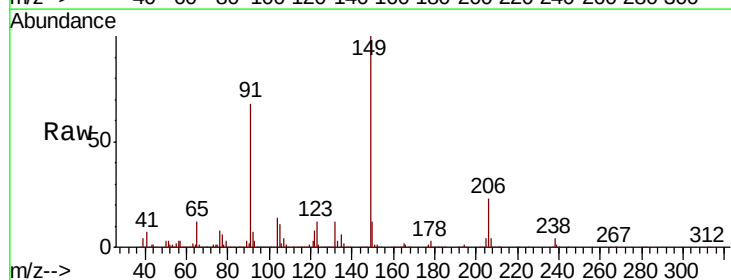


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

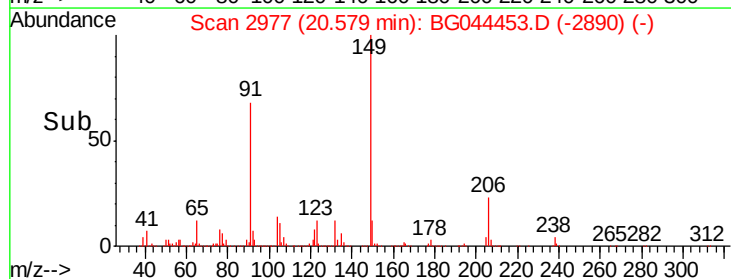
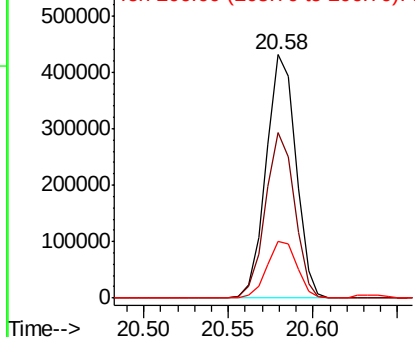


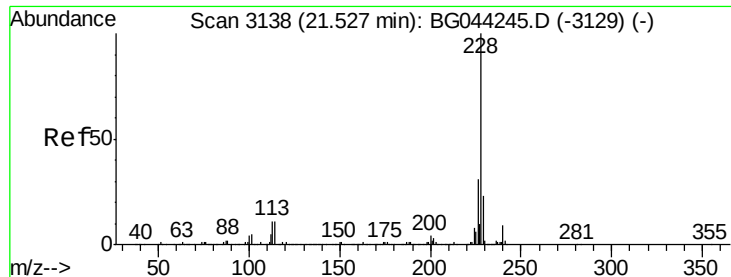
#80
 Butylbenzylphthalate
 Concen: 44.709 ng
 RT: 20.58 min Scan# 2977
 Delta R.T. -0.02 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion:149 Resp: 521822
 Ion Ratio Lower Upper
 149 100
 91 68.2 54.5 81.7
 206 23.1 19.1 28.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.552 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

ClientSampled :

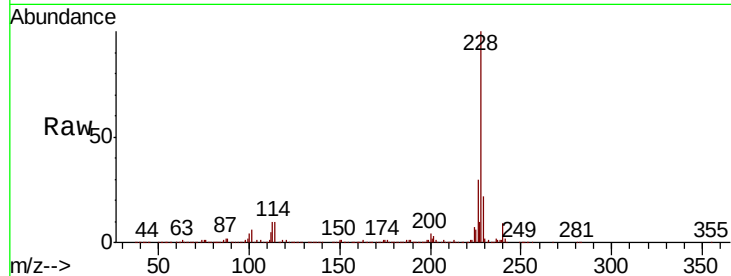
Tot Ion:228 Resp: 1144217

Ion Ratio Lower Upper

228 100

226 30.4 24.7 37.1

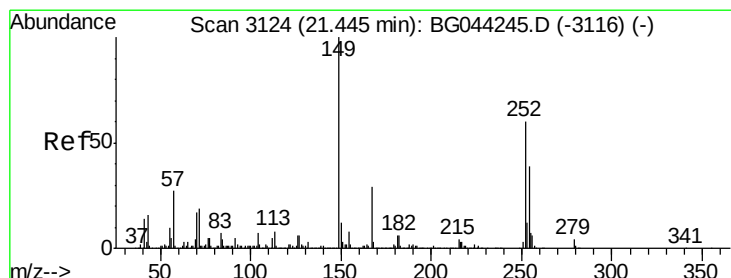
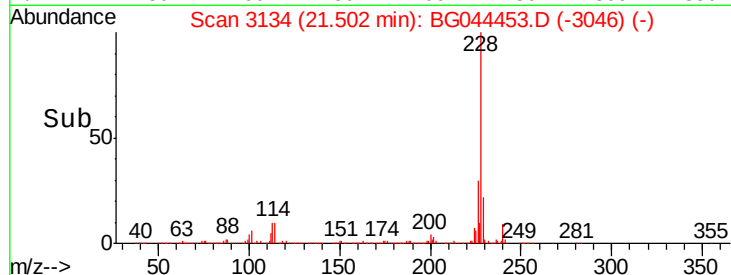
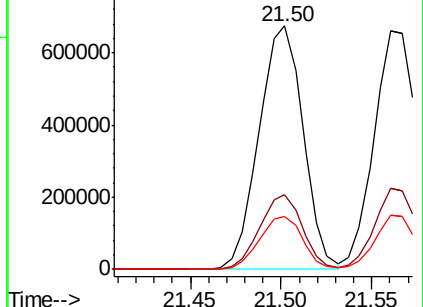
229 21.9 18.2 27.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.742 ng

RT: 21.42 min Scan# 3120

Delta R.T. -0.02 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

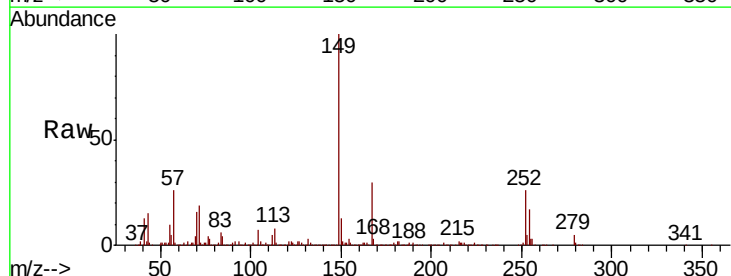
Tgt Ion:252 Resp: 226487

Ion Ratio Lower Upper

252 100

254 65.5 52.6 78.8

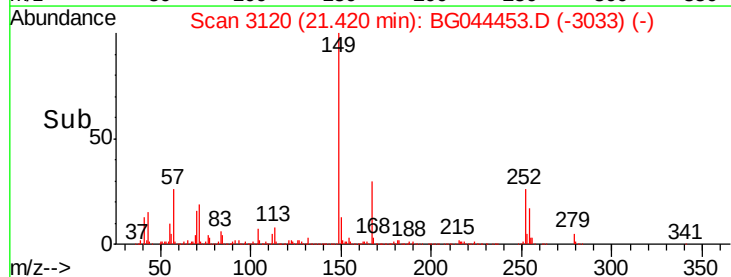
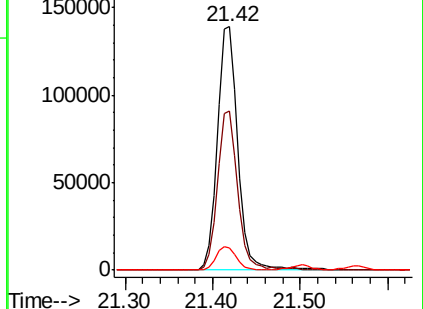
126 9.4 8.2 12.4

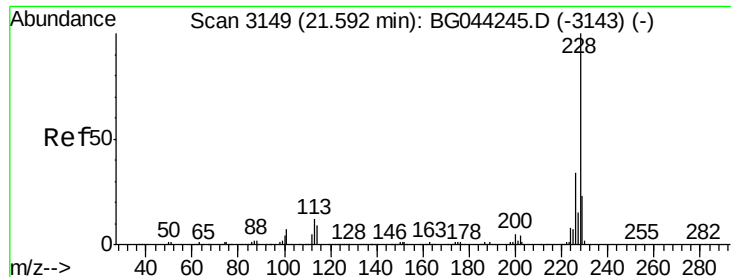


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

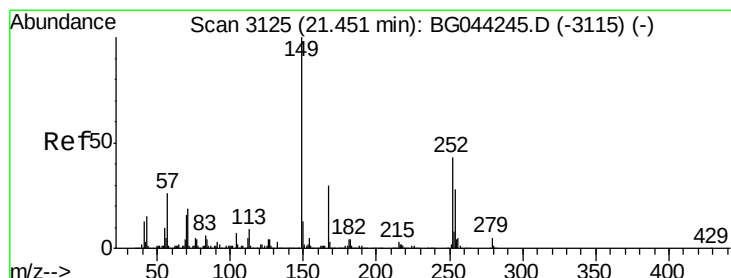
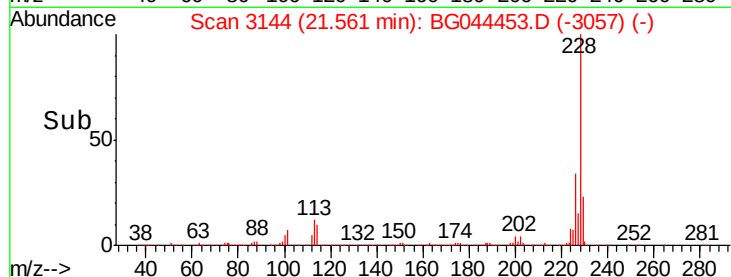
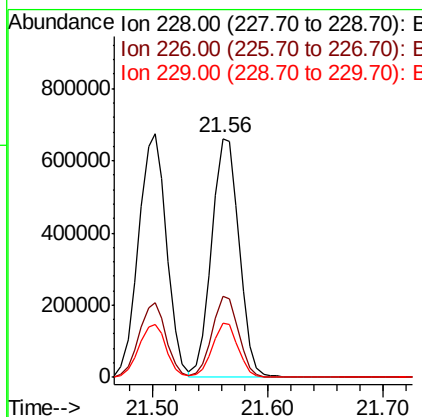
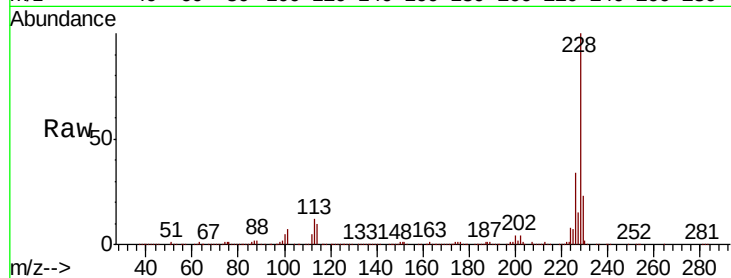




#83
Chrysene
Concen: 45.827 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

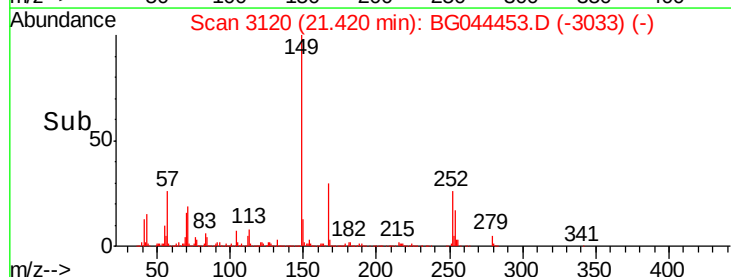
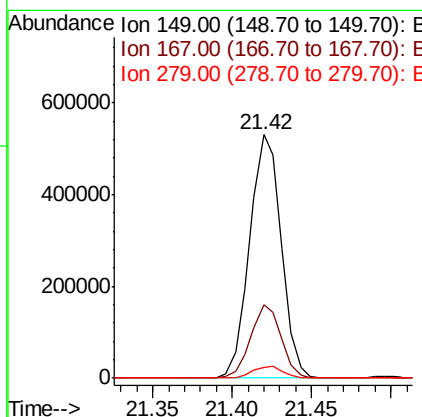
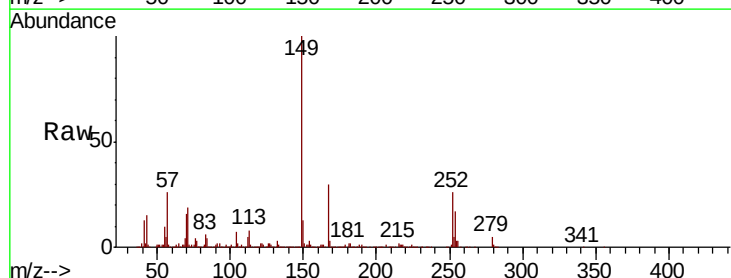
Instrument :
BNA_G
ClientSampled :

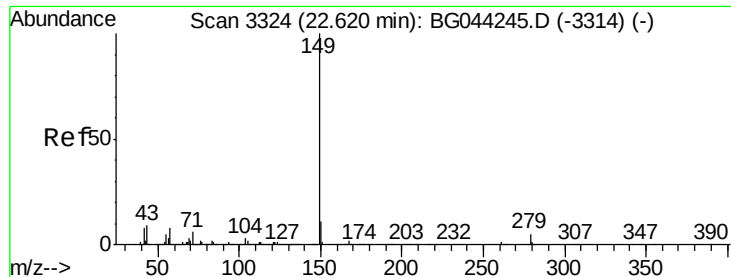
Tot Ion:228 Resp: 1088752
Ion Ratio Lower Upper
228 100
226 33.7 27.1 40.7
229 22.7 17.9 26.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.686 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.02 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion:149 Resp: 733950
Ion Ratio Lower Upper
149 100
167 30.1 24.0 36.0
279 4.5 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 47.004 ng

RT: 22.58 min Scan# 3318

Delta R.T. -0.02 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

ClientSampleId :

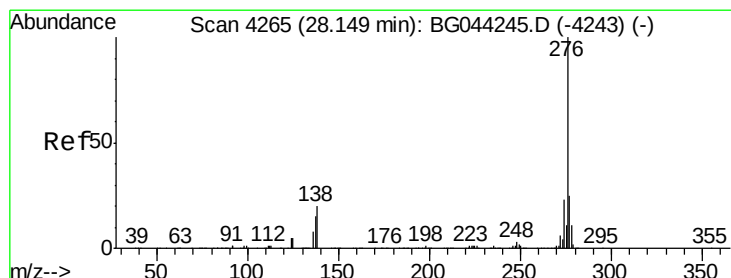
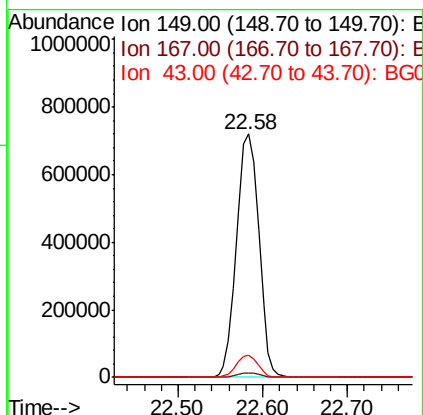
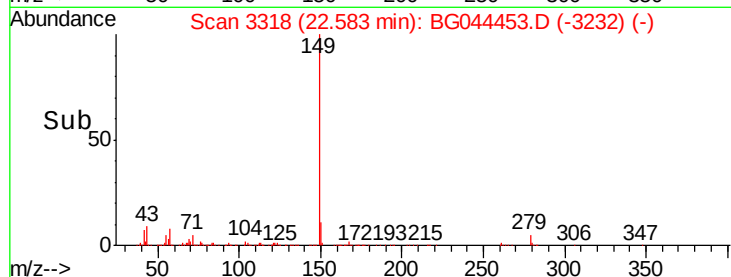
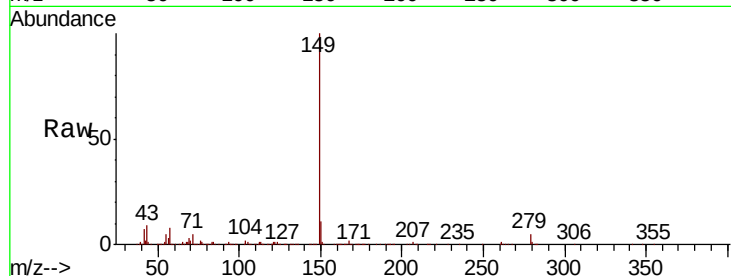
Tot Ion:149 Resp: 1306526

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.7 7.4 11.0



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.993 ng

RT: 28.08 min Scan# 4254

Delta R.T. -0.03 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

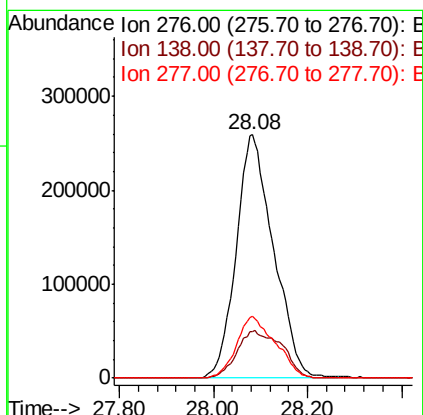
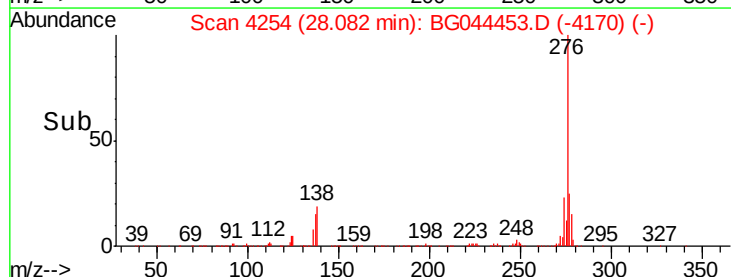
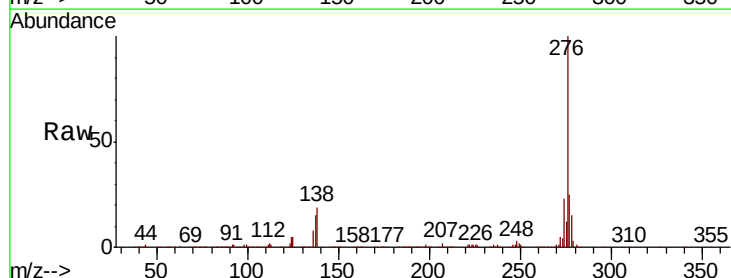
Tgt Ion:276 Resp: 1425588

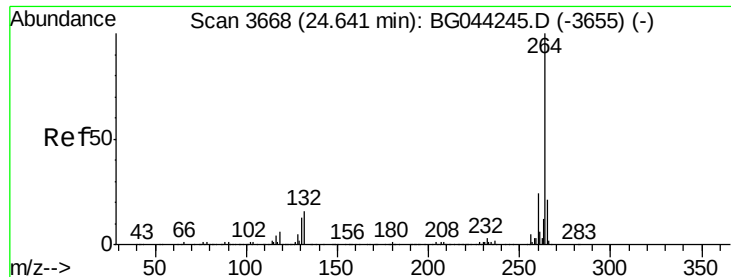
Ion Ratio Lower Upper

276 100

138 23.5 19.4 29.0

277 26.4 21.0 31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.59 min Scan# 3660

Delta R.T. -0.03 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

ClientSampleId :

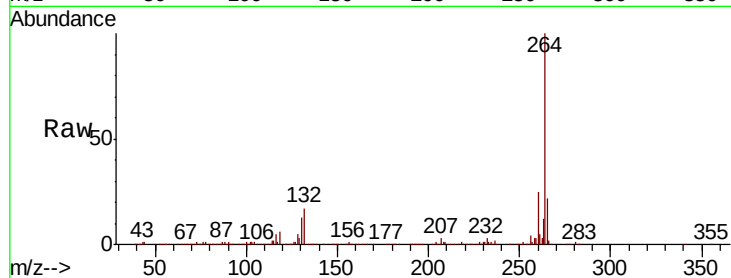
Tot Ion:264 Resp: 433199

Ion Ratio Lower Upper

264 100

260 25.1 19.4 29.2

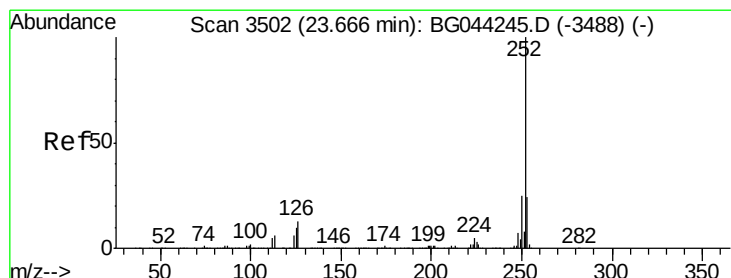
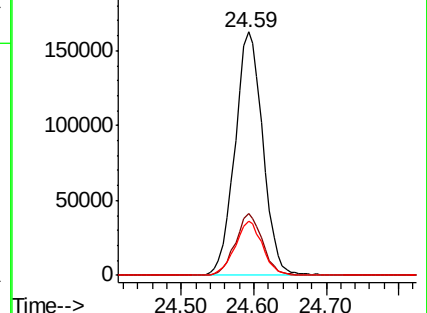
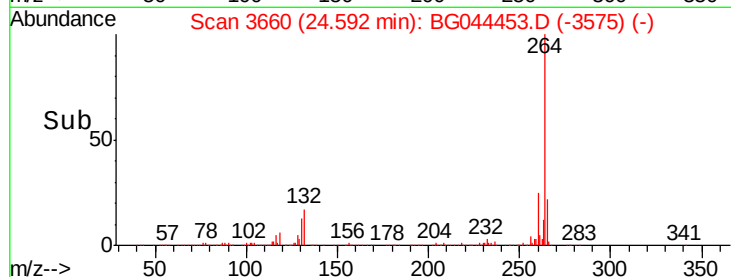
265 22.0 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.473 ng

RT: 23.62 min Scan# 3495

Delta R.T. -0.02 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

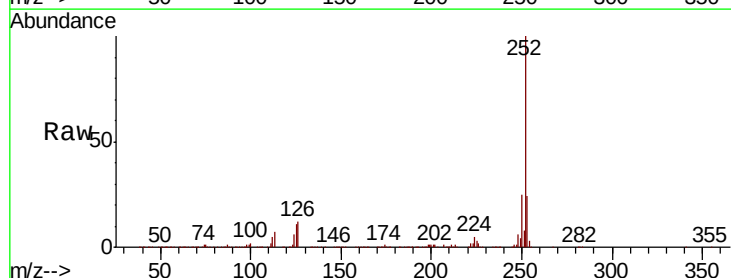
Tgt Ion:252 Resp: 1234978

Ion Ratio Lower Upper

252 100

253 23.6 19.2 28.8

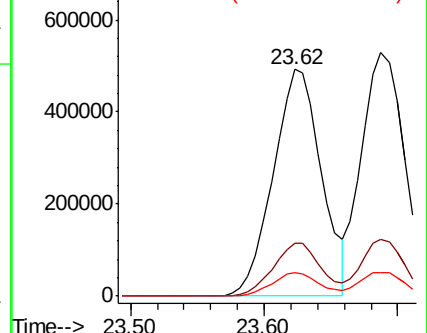
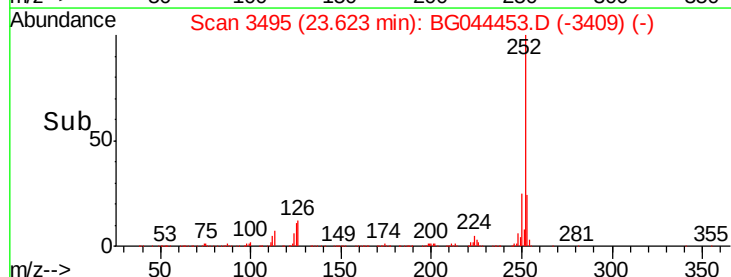
125 10.5 8.4 12.6

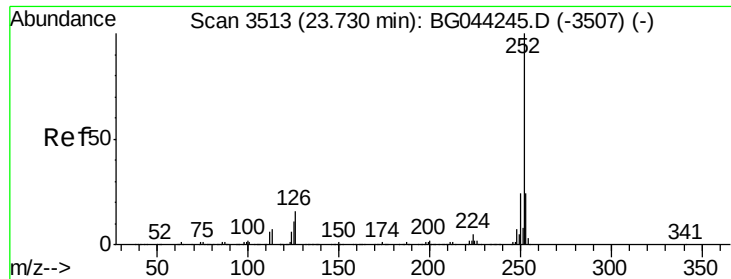


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

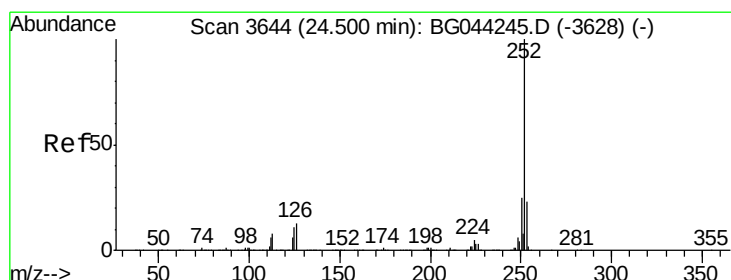
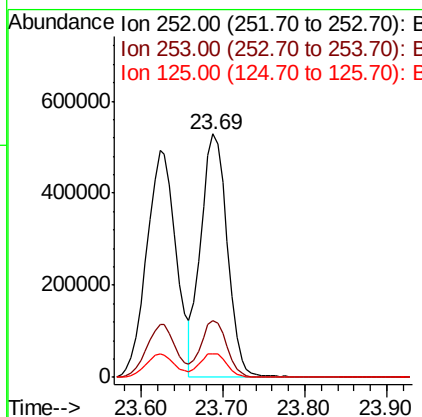
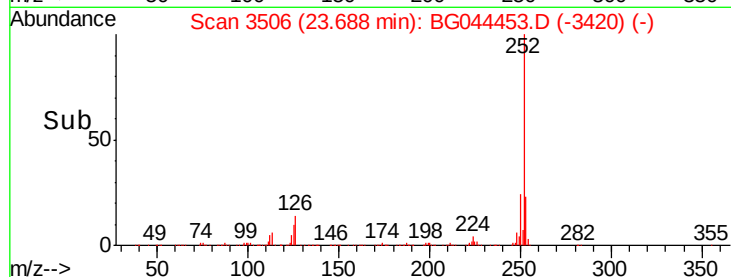
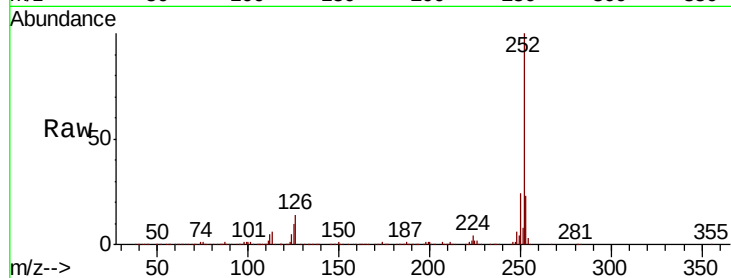




#89
Benzo(k)fluoranthene
Concen: 48.825 ng
RT: 23.69 min Scan# 3506
Delta R.T. -0.02 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

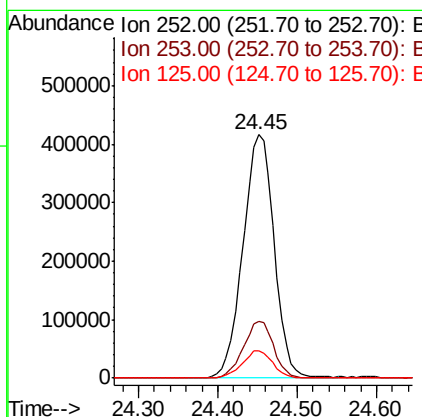
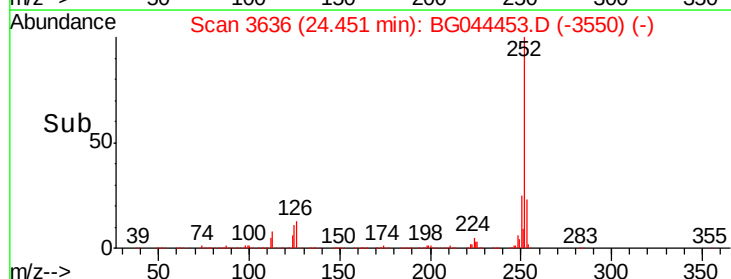
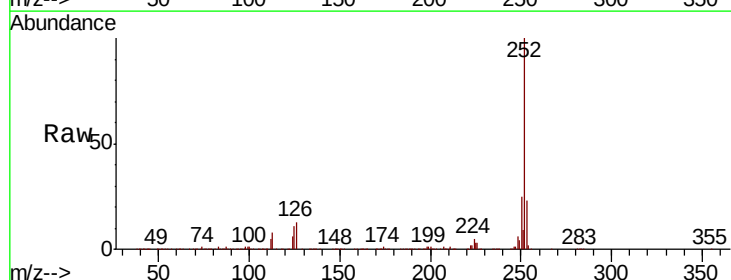
Instrument :
BNA_G
ClientSampleId :

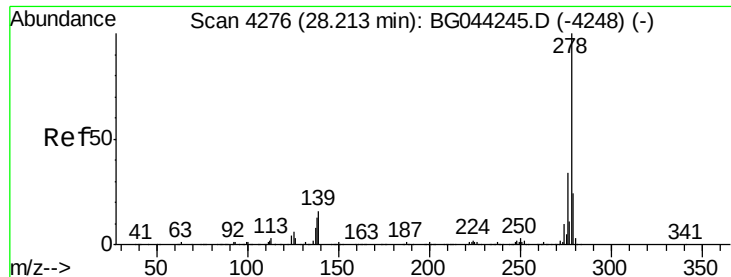
Tot Ion:252 Resp: 1187882
Ion Ratio Lower Upper
252 100
253 23.3 19.1 28.7
125 9.8 8.6 12.8



#90
Benzo(a)pyrene
Concen: 48.191 ng
RT: 24.45 min Scan# 3636
Delta R.T. -0.02 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion:252 Resp: 1137383
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 11.3 8.6 13.0

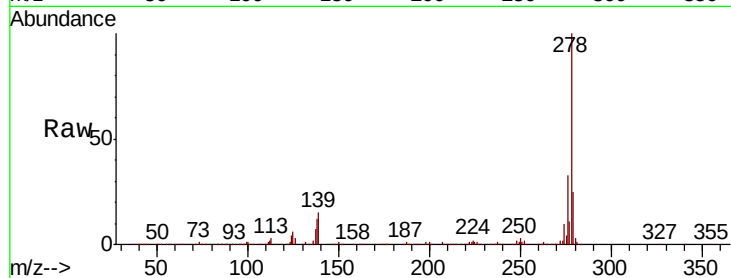




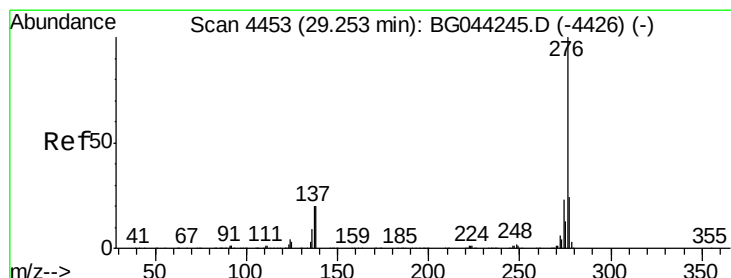
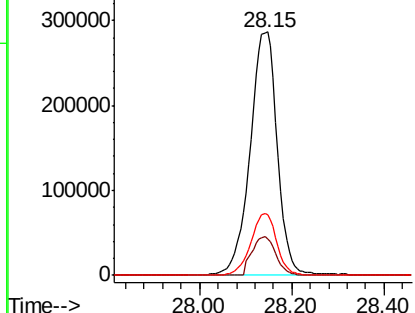
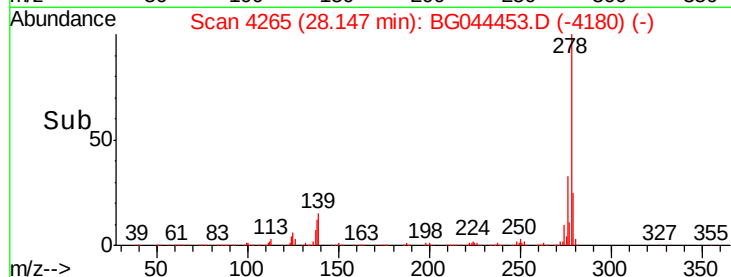
#91
Dibenzo(a,h)anthracene
Concen: 50.291 ng
RT: 28.15 min Scan# 4265
Delta R.T. -0.03 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1174693
Ion Ratio Lower Upper
278 100
139 15.1 12.7 19.1
279 24.8 19.3 28.9

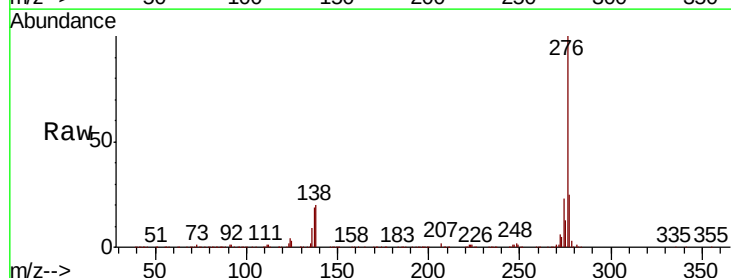


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.242 ng
RT: 29.17 min Scan# 4439
Delta R.T. -0.03 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion:276 Resp: 1198185
Ion Ratio Lower Upper
276 100
277 24.7 18.8 28.2
138 20.2 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

