

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044486.D
 Acq On : 19 Feb 2020 11:30
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 20 07:12:45 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	65335	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	264822	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	166606	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	370604	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	361861	20.00	ng	-0.01
87) Perylene-d12	24.60	264	396083	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	315408	85.20	ng	-0.01
7) Phenol-d6	7.06	99	426388	85.77	ng	-0.01
23) Nitrobenzene-d5	9.04	82	384112	81.89	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	169971	86.90	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	870816	87.53	ng	-0.01
79) Terphenyl-d14	19.89	244	1344624	76.43	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	68444	41.149	ng	99
3) Pyridine	3.75	79	193416	43.647	ng	97
4) n-Nitrosodimethylamine	3.66	42	73136	39.495	ng	97
6) Aniline	7.21	93	256785	41.614	ng	98
8) 2-Chlorophenol	7.46	128	169102	41.562	ng	99
9) Benzaldehyde	7.02	77	110814	39.139	ng	96
10) Phenol	7.09	94	209298	42.541	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	168751	40.120	ng	99
12) 1,3-Dichlorobenzene	7.78	146	202888	41.765	ng	97
13) 1,4-Dichlorobenzene	7.93	146	201965	41.977	ng	97
14) 1,2-Dichlorobenzene	8.25	146	191813	42.178	ng	99
15) Benzyl Alcohol	8.13	79	145204	41.257	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.43	45	233807	41.069	ng	99
17) 2-Methylphenol	8.34	107	147873	42.126	ng	99
18) Hexachloroethane	8.97	117	73888	40.924	ng	99
19) n-Nitroso-di-n-propylamine	8.70	70	132898	40.113	ng	97
20) 3+4-Methylphenols	8.67	107	200957	41.540	ng	98
22) Acetophenone	8.71	105	262675	40.773	ng	98
24) Nitrobenzene	9.09	77	185784	40.570	ng	99
25) Isophorone	9.61	82	353128	40.390	ng	99
26) 2-Nitrophenol	9.80	139	102678	43.212	ng	99
27) 2,4-Dimethylphenol	9.87	122	138513	41.295	ng	96
28) bis(2-Chloroethoxy)methane	10.10	93	235288	40.342	ng	99
29) 2,4-Dichlorophenol	10.34	162	169434	41.776	ng	100
30) 1,2,4-Trichlorobenzene	10.56	180	195236	41.981	ng	98
31) Naphthalene	10.74	128	542006	42.185	ng	99
32) Benzoic acid	10.03	122	57594	32.543	ng	95
33) 4-Chloroaniline	10.85	127	242965	41.579	ng	98
34) Hexachlorobutadiene	11.04	225	118768	41.504	ng	99
35) Caprolactam	11.62	113	62043	41.760	ng	94
36) 4-Chloro-3-methylphenol	11.98	107	174524	41.042	ng	100
37) 2-Methylnaphthalene	12.35	142	397967	41.717	ng	99
38) 1-Methylnaphthalene	12.57	142	373361	41.513	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	213377	42.815	ng	100

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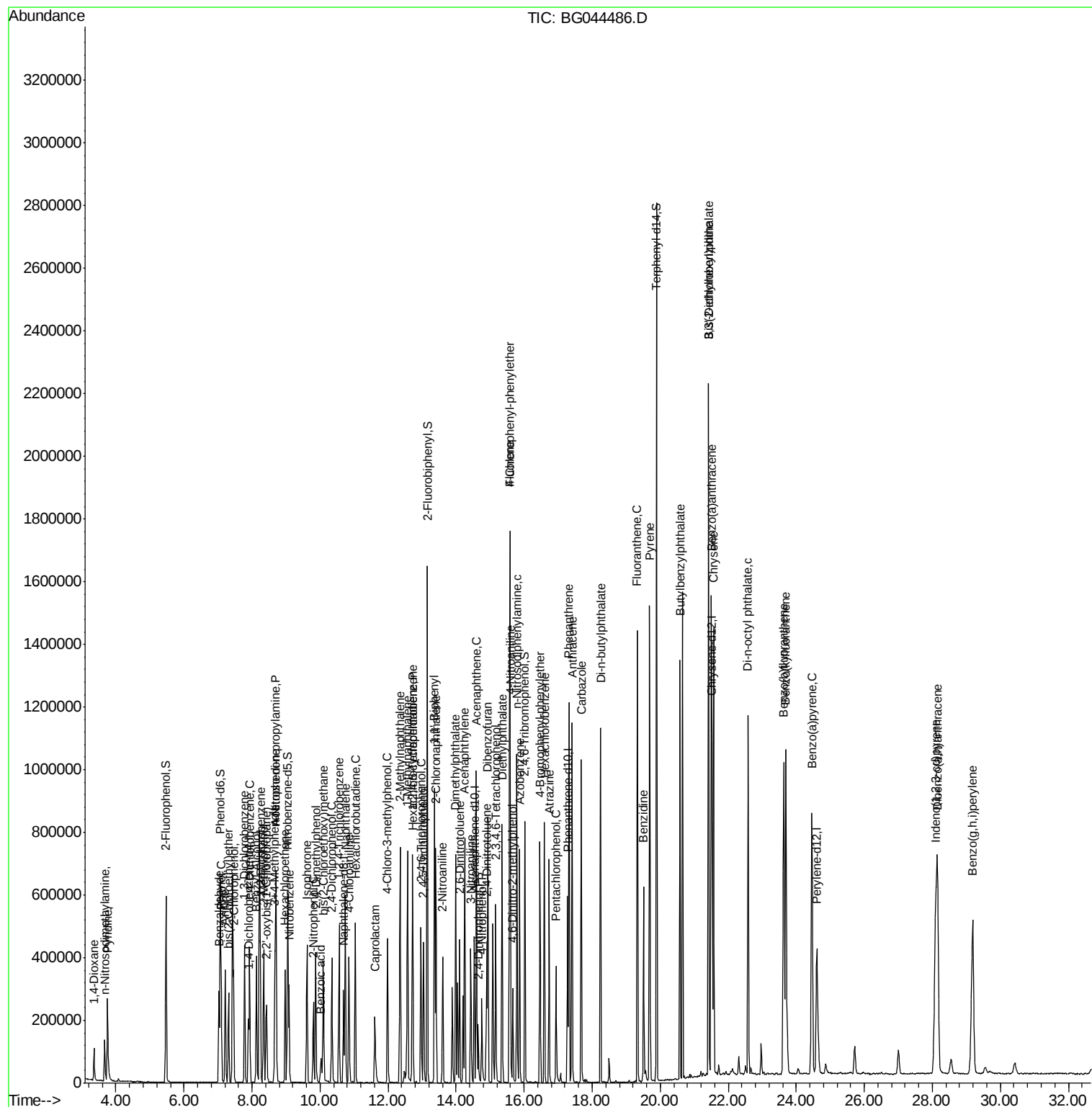
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	85136	35.602	ng	99
43) 2,4,6-Trichlorophenol	12.97	196	138921	43.125	ng	97
44) 2,4,5-Trichlorophenol	13.05	196	140005	42.551	ng	98
46) 1,1'-Biphenyl	13.36	154	514580	42.819	ng	98
47) 2-Chloronaphthalene	13.40	162	403981	42.245	ng	99
48) 2-Nitroaniline	13.60	65	117578	41.662	ng	97
49) Acenaphthylene	14.25	152	606709	43.255	ng	98
50) Dimethylphthalate	13.99	163	504051	42.088	ng	99
51) 2,6-Dinitrotoluene	14.10	165	112538	42.145	ng	97
52) Acenaphthene	14.60	154	383575	42.191	ng	99
53) 3-Nitroaniline	14.43	138	127104	43.024	ng	95
54) 2,4-Dinitrophenol	14.64	184	56410	39.879	ng	98
55) Dibenzofuran	14.93	168	588827	42.778	ng	98
56) 4-Nitrophenol	14.76	139	92739	42.855	ng	98
57) 2,4-Dinitrotoluene	14.90	165	158867	42.448	ng	97
58) Fluorene	15.58	166	470410	43.390	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	124450	41.874	ng	99
60) Diethylphthalate	15.35	149	507496	42.528	ng	97
61) 4-Chlorophenyl-phenylether	15.57	204	246124	41.869	ng	98
62) 4-Nitroaniline	15.60	138	131161	44.431	ng	98
63) Azobenzene	15.87	77	434528	41.547	ng	98
65) 4,6-Dinitro-2-methylphenol	15.67	198	84608	41.358	ng	96
66) n-Nitrosodiphenylamine	15.79	169	431101	41.508	ng	97
67) 4-Bromophenyl-phenylether	16.47	248	166286	41.184	ng	100
68) Hexachlorobenzene	16.59	284	188028	41.566	ng	100
69) Atrazine	16.74	200	138267	38.841	ng	100
70) Pentachlorophenol	16.94	266	86409	39.433	ng	99
71) Phenanthrene	17.32	178	774238	43.143	ng	98
72) Anthracene	17.41	178	760749	42.877	ng	97
73) Carbazole	17.68	167	713983	43.651	ng	98
74) Di-n-butylphthalate	18.25	149	900320	44.542	ng	98
75) Fluoranthene	19.33	202	916186	44.132	ng	98
77) Benzidine	19.51	184	415887	41.435	ng	98
78) Pyrene	19.69	202	928061	39.936	ng	97
80) Butylbenzylphthalate	20.58	149	426991	40.320	ng	97
81) Benzo(a)anthracene	21.50	228	903130	40.496	ng	98
82) 3,3'-Dichlorobenzidine	21.42	252	353290	40.816	ng	99
83) Chrysene	21.57	228	873379	40.515	ng	98
84) Bis(2-ethylhexyl)phthalate	21.42	149	587516	40.306	ng	99
85) Di-n-octyl phthalate	22.58	149	1055802	41.863	ng	99
86) Indeno(1,2,3-cd)pyrene	28.10	276	1129668	40.167	ng	100
88) Benzo(b)fluoranthene	23.63	252	976231	42.773	ng	98
89) Benzo(k)fluoranthene	23.69	252	945867	42.521	ng	98
90) Benzo(a)pyrene	24.46	252	917095	42.498	ng	99
91) Dibenzo(a,h)anthracene	28.15	278	921393	43.143	ng	100
92) Benzo(g,h,i)perylene	29.19	276	913025	42.706	ng	100

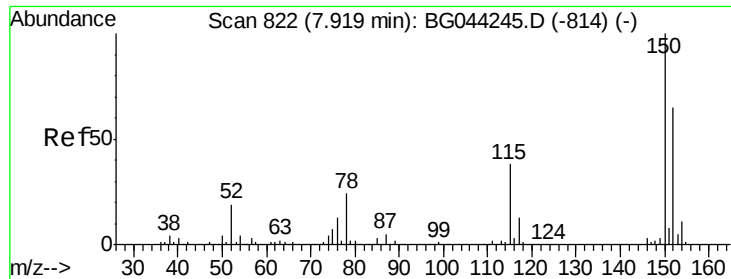
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 20 07:12:45 2020
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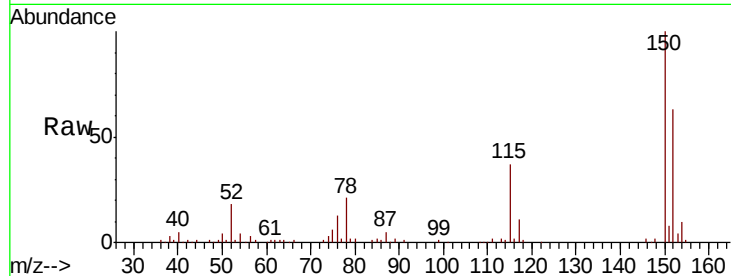


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	122.6	183.8
115	58.5	46.0	69.0

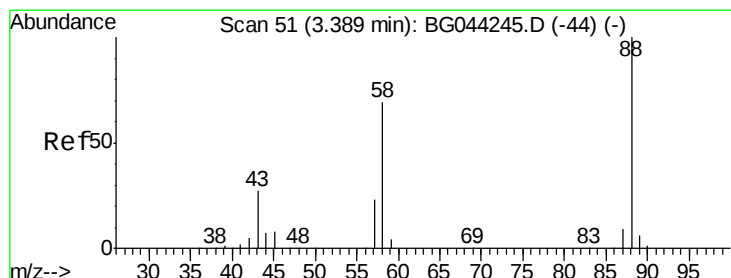
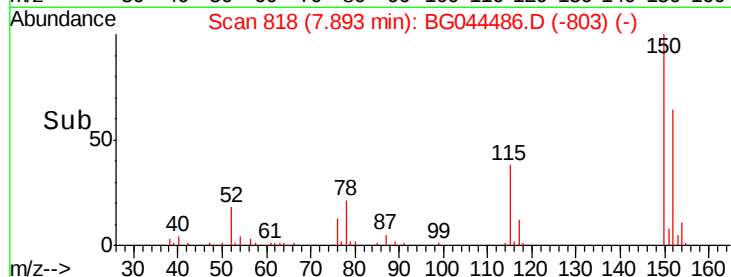
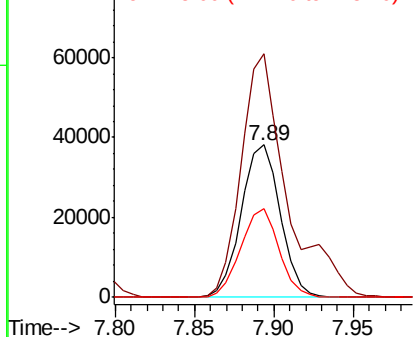


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

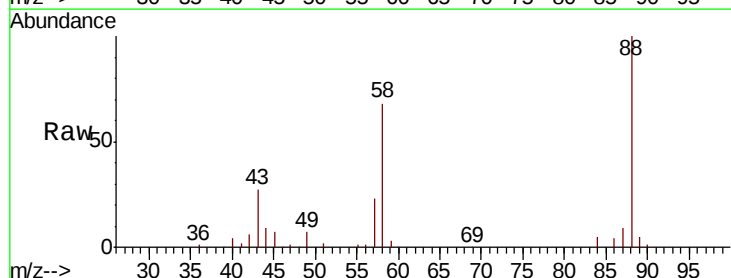
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 41.149 ng
 RT: 3.35 min Scan# 45
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	55.8	83.6
43	26.7	21.6	32.4

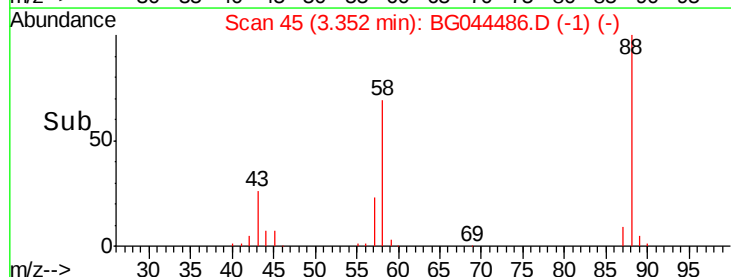
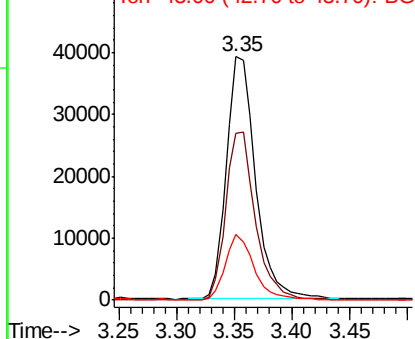


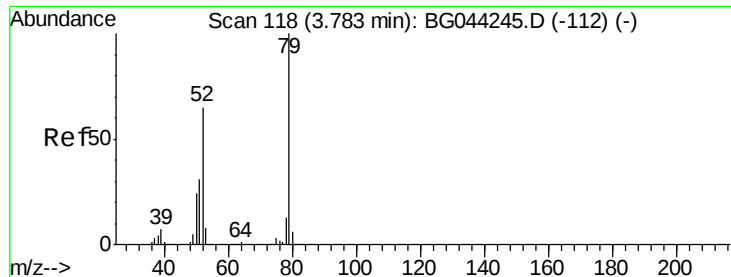
Abundance

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: 43.647 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA_G

ClientSampleId :

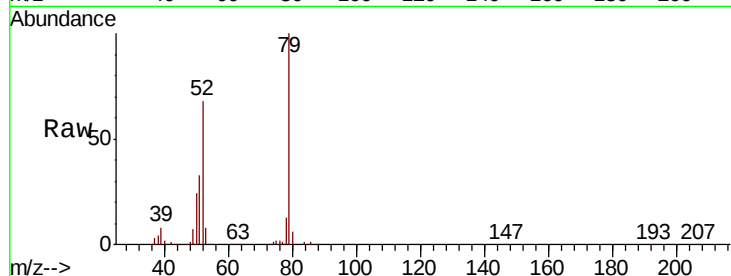
Tot Ion: 79 Resp: 193416

Ion Ratio Lower Upper

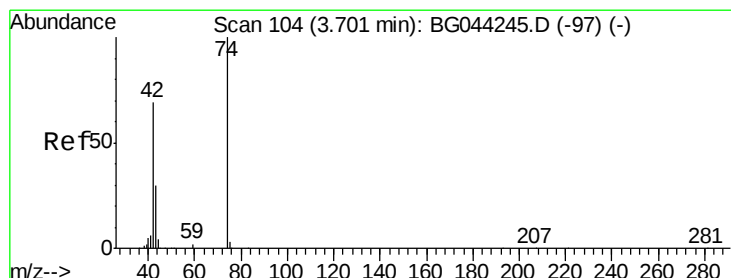
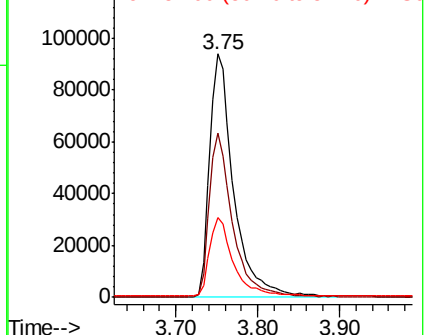
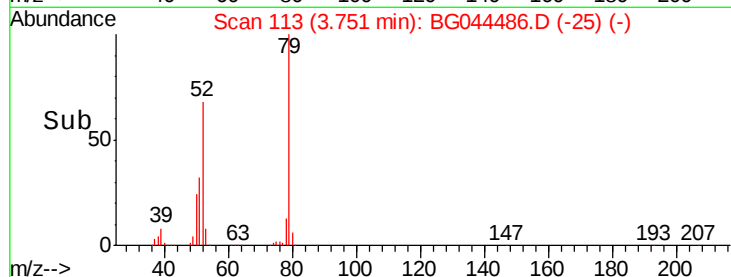
79 100

52 67.7 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: 39.495 ng

RT: 3.66 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

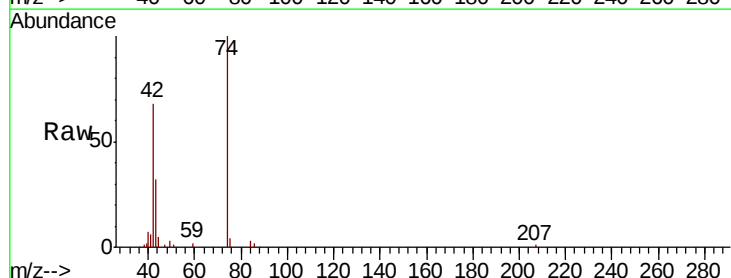
Tgt Ion: 42 Resp: 73136

Ion Ratio Lower Upper

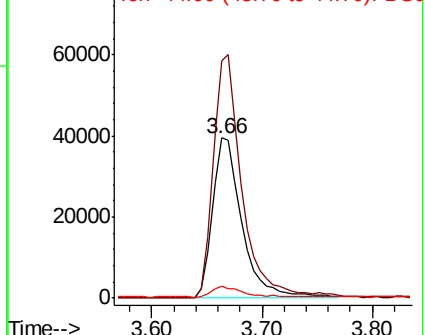
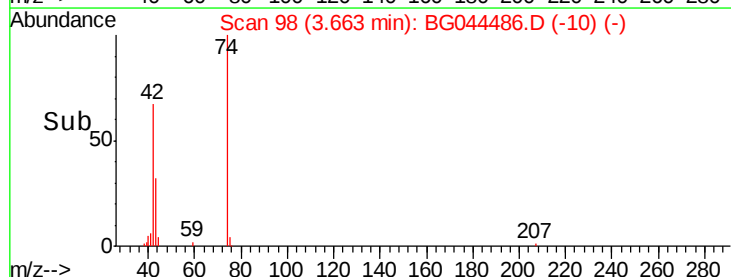
42 100

74 148.1 115.1 172.7

44 7.3 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: 85.199 ng

RT: 5.47 min Scan# 405

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA_G

ClientSampleId :

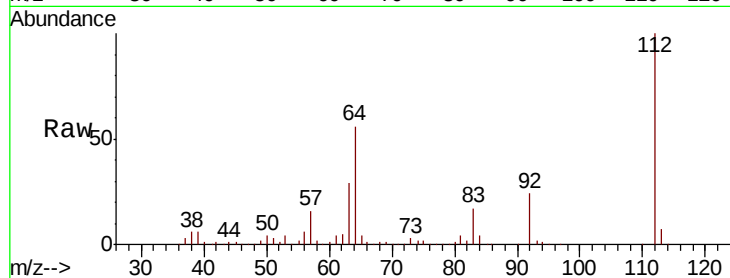
Tot Ion: 112 Resp: 315408

Ion Ratio Lower Upper

112 100

64 56.3 45.4 68.2

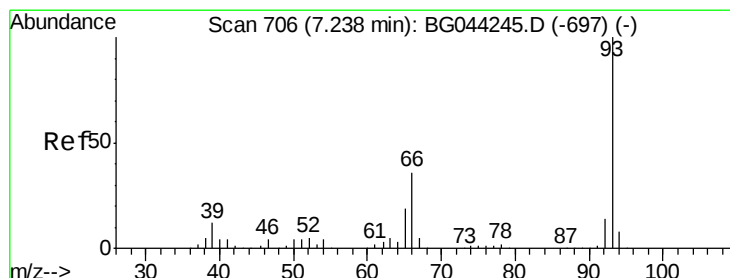
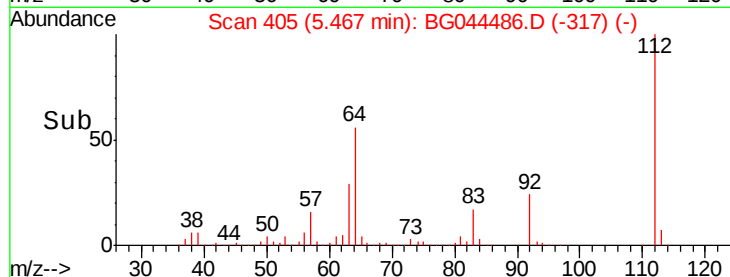
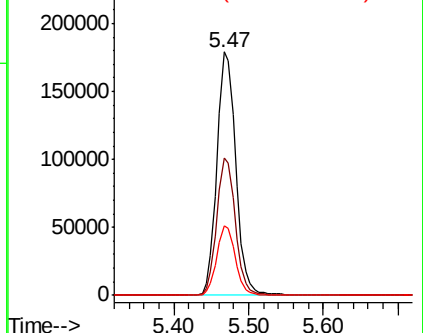
63 28.6 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.614 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

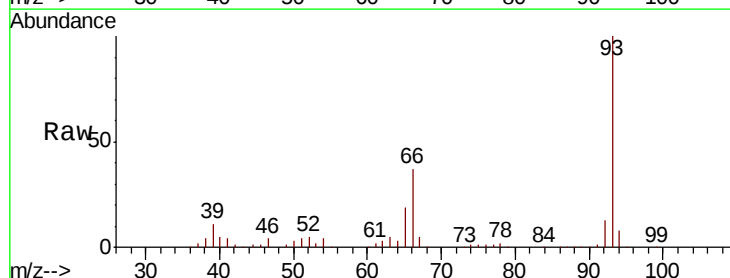
Tgt Ion: 93 Resp: 256785

Ion Ratio Lower Upper

93 100

66 37.1 28.7 43.1

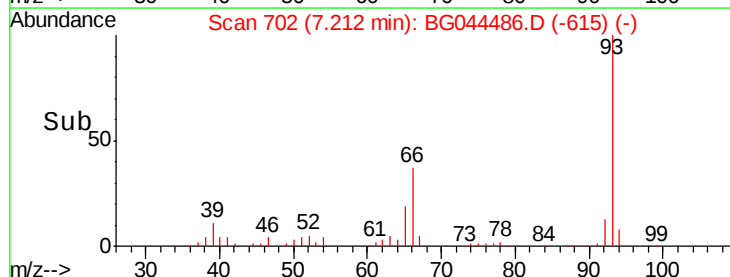
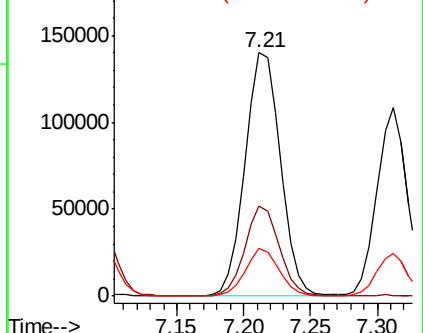
65 19.4 15.4 23.0

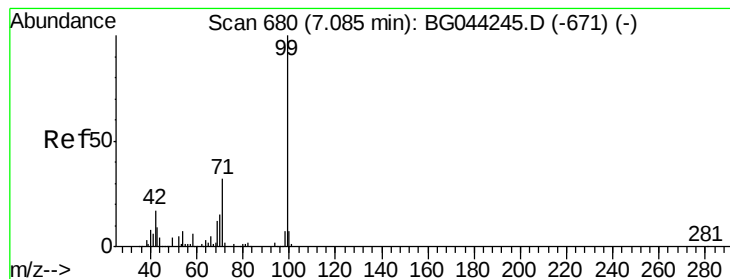


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.770 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA_G

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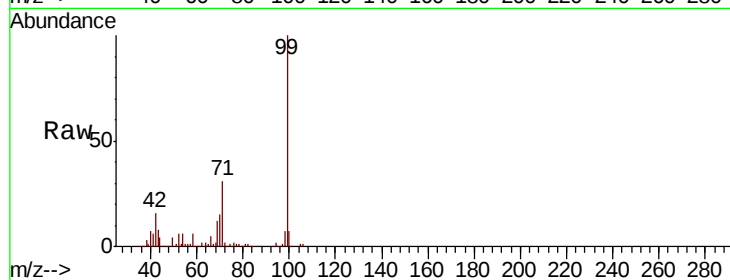
Tot Ion: 99 Resp: 426388

Ion Ratio Lower Upper

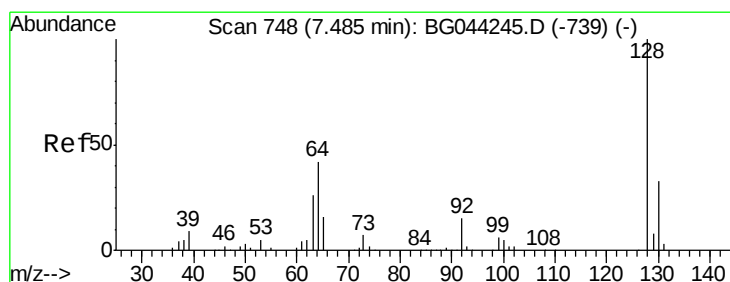
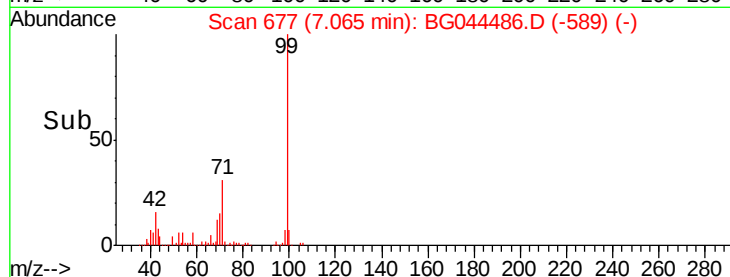
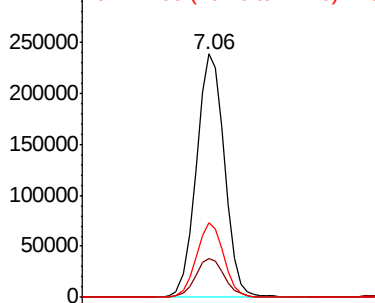
99 100

42 15.9 13.8 20.6

71 30.6 25.5 38.3



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



#8

2-Chlorophenol

Concen: 41.562 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

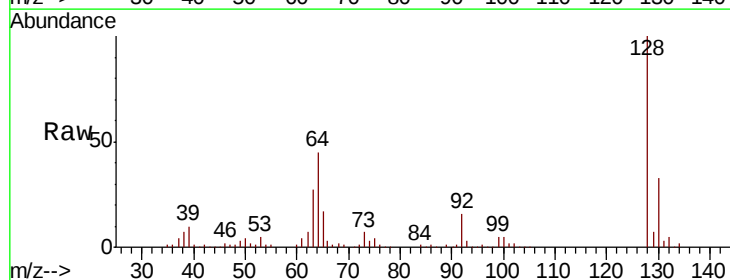
Tgt Ion: 128 Resp: 169102

Ion Ratio Lower Upper

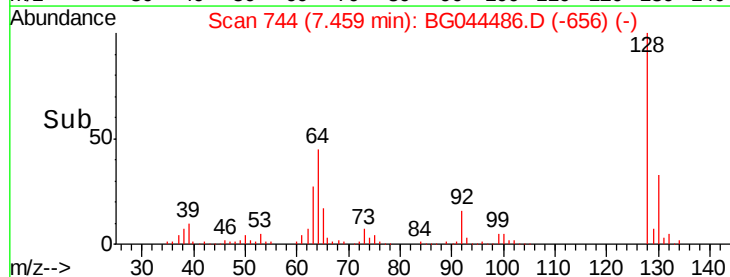
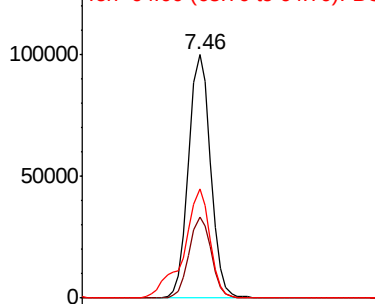
128 100

130 33.0 12.5 52.5

64 45.0 24.2 64.2



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





#9

Benzaldehyde

Concen: 39.139 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA_G

ClientSampled :

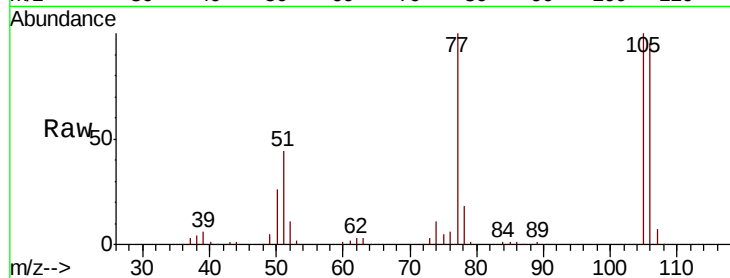
Tot Ion: 77 Resp: 110814

Ion Ratio Lower Upper

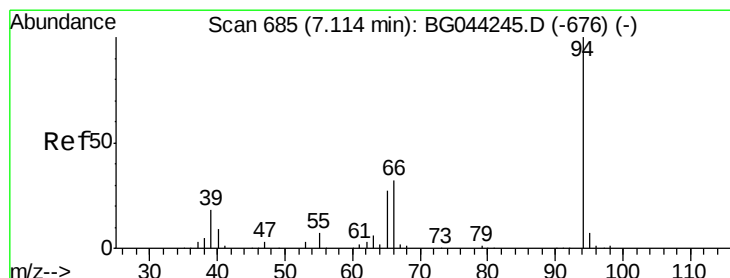
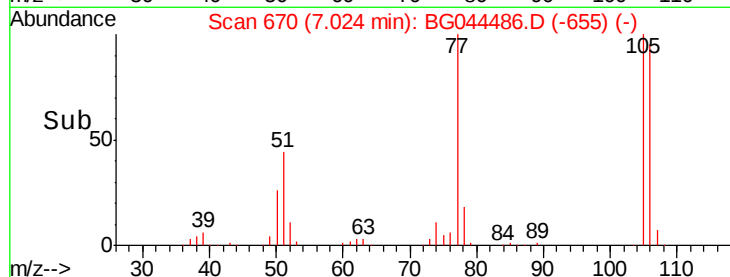
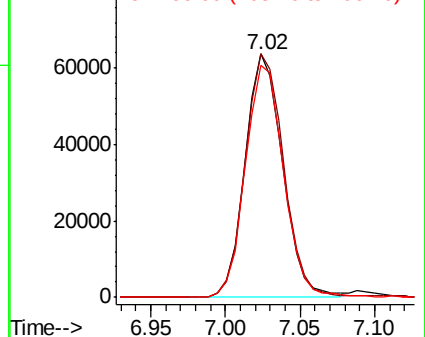
77 100

105 100.1 82.0 122.0

106 95.5 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: 42.541 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

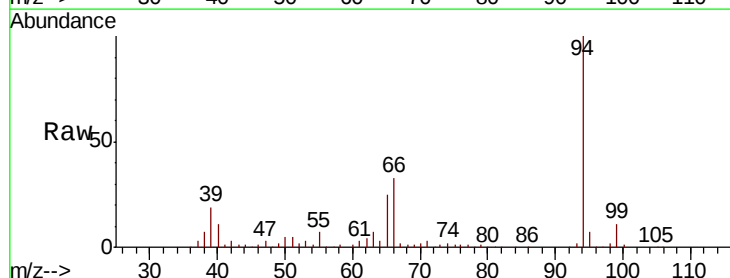
Tgt Ion: 94 Resp: 209298

Ion Ratio Lower Upper

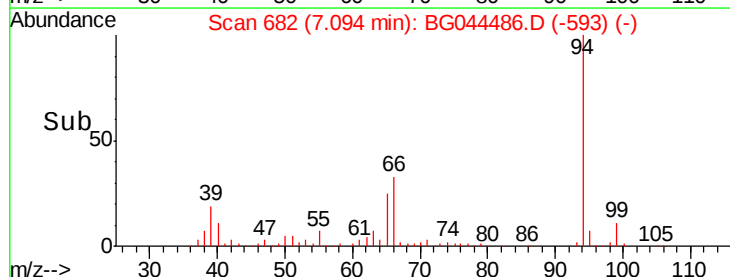
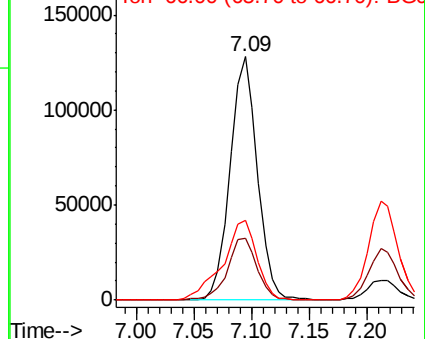
94 100

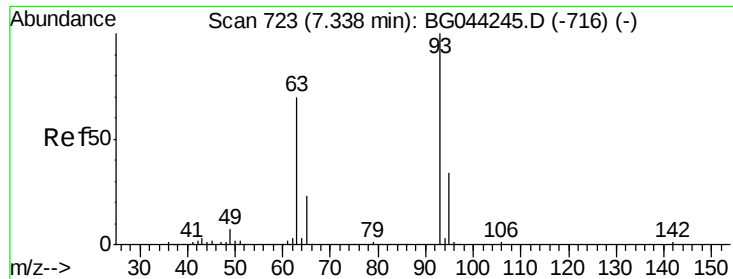
65 25.5 7.0 47.0

66 32.5 12.7 52.7



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

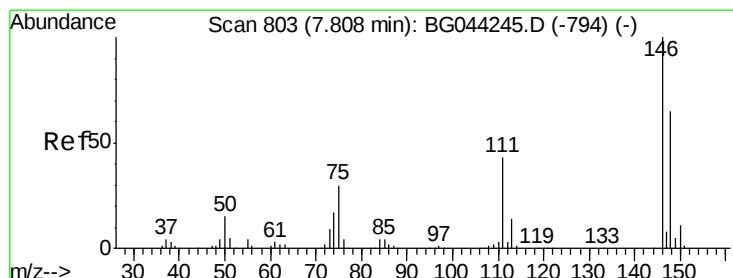
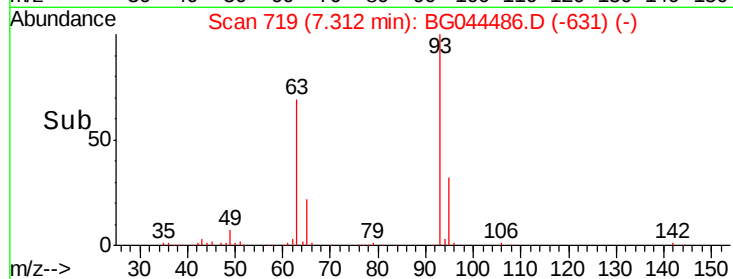
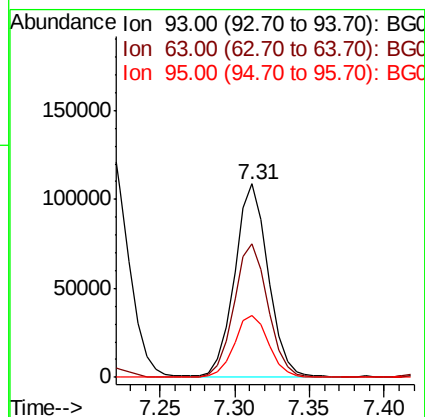
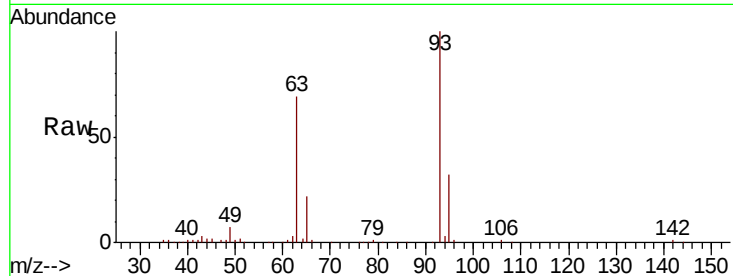




#11
bis(2-Chloroethyl)ether
Concen: 40.120 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

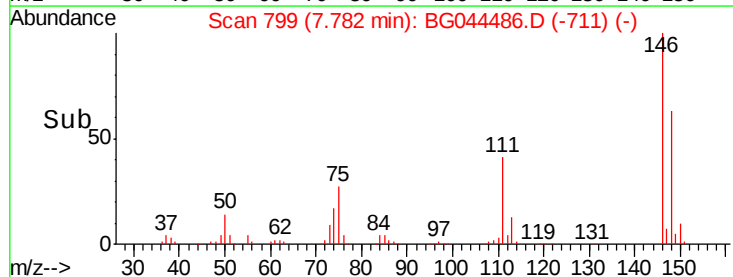
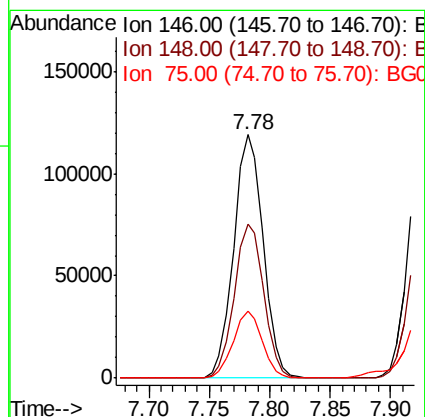
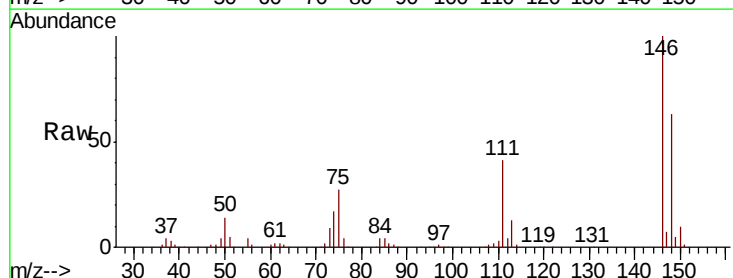
Instrument :
BNA_G
ClientSampleId :

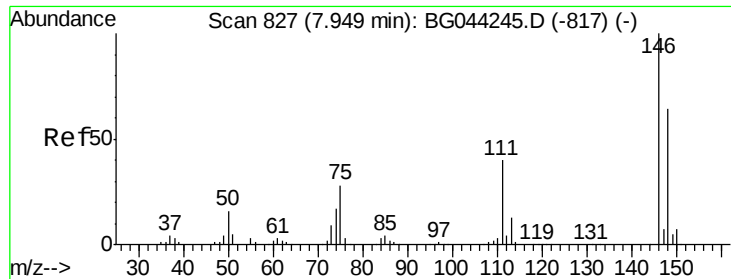
Tot Ion: 93 Resp: 168751
Ion Ratio Lower Upper
93 100
63 69.2 49.2 89.2
95 31.8 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 41.765 ng
RT: 7.78 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

Tgt Ion: 146 Resp: 202888
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
75 27.3 23.7 35.5

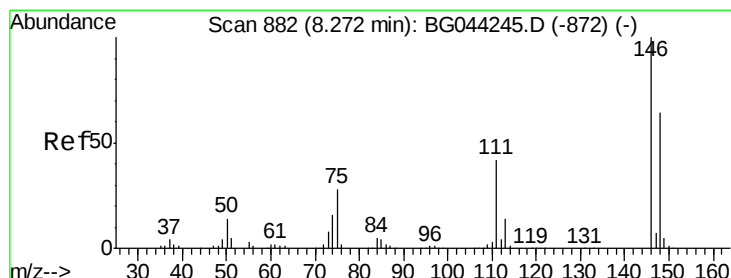
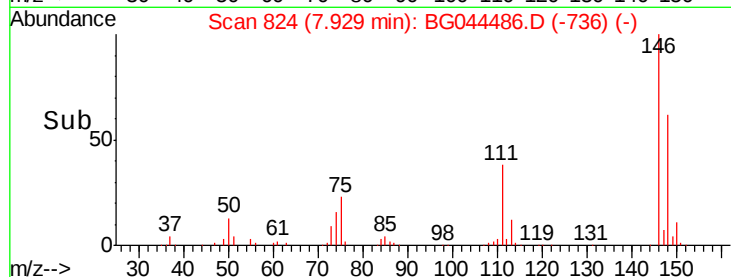
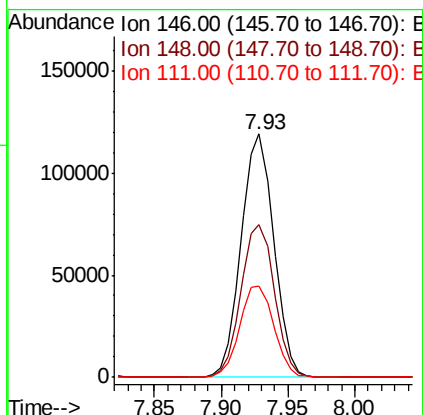
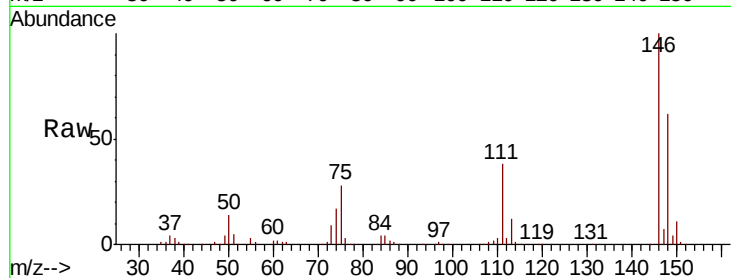




#13
 1,4-Dichlorobenzene
 Concen: 41.977 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

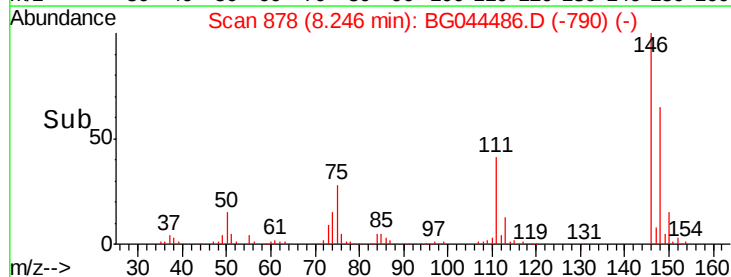
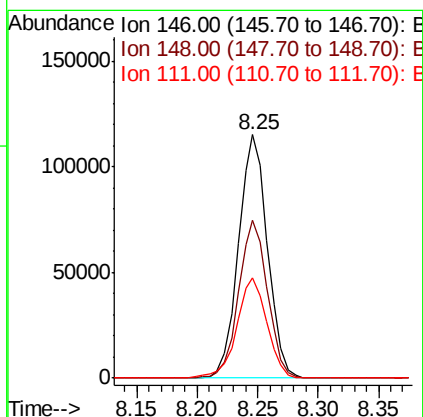
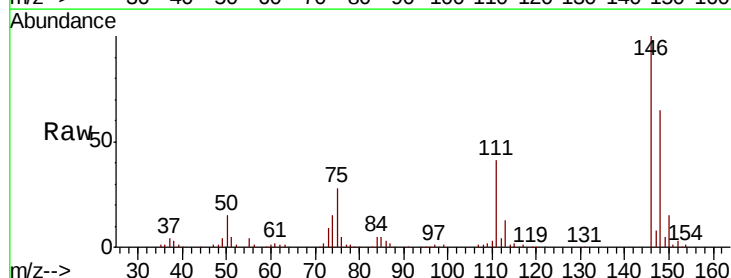
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 201965
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.4 77.0
 111 37.5 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 42.178 ng
 RT: 8.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

Tgt Ion:146 Resp: 191813
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.2 76.8
 111 41.4 34.0 51.0





#15

Benzyl Alcohol

Concen: 41.257 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA_G

ClientSampled :

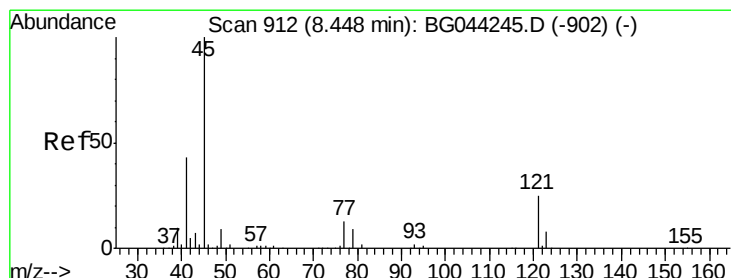
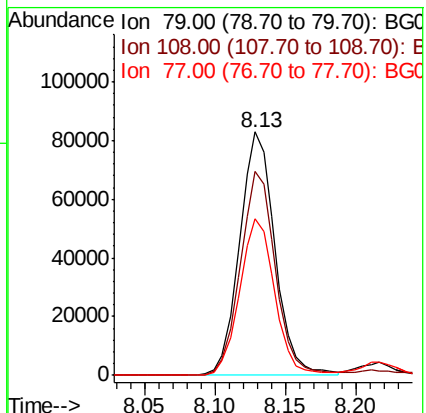
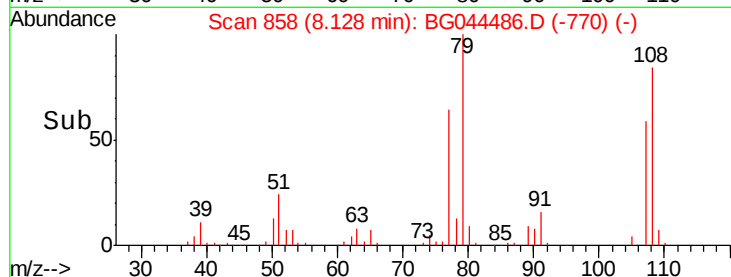
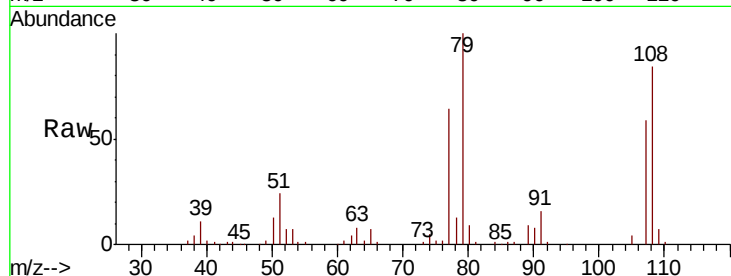
Tot Ion: 79 Resp: 145204

Ion Ratio Lower Upper

79 100

108 83.8 68.3 102.5

77 64.1 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.069 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

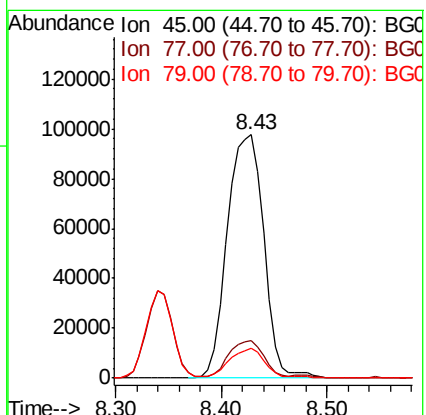
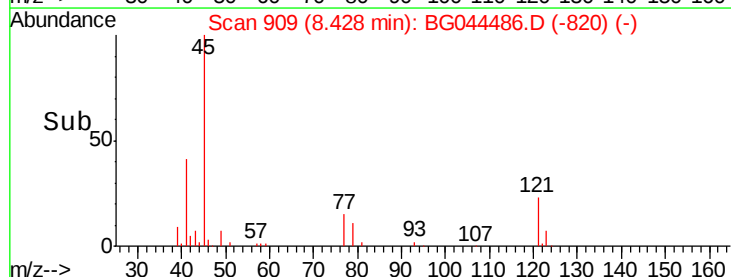
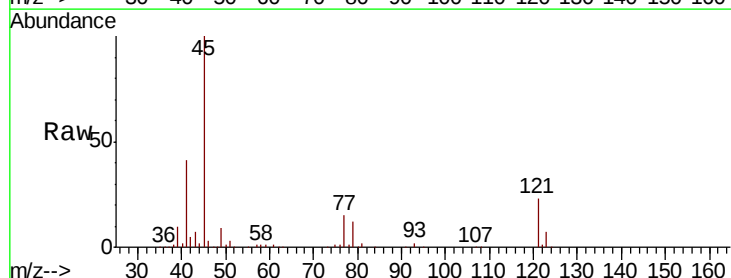
Tgt Ion: 45 Resp: 233807

Ion Ratio Lower Upper

45 100

77 15.4 0.0 35.2

79 12.0 0.0 31.1

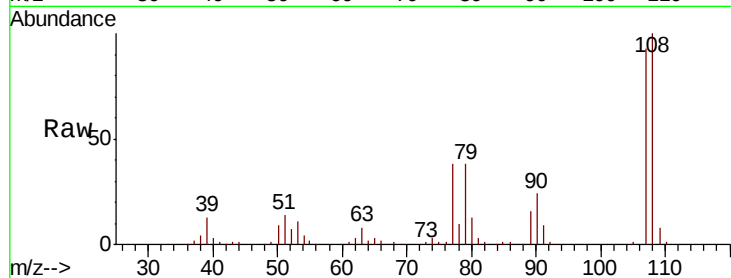




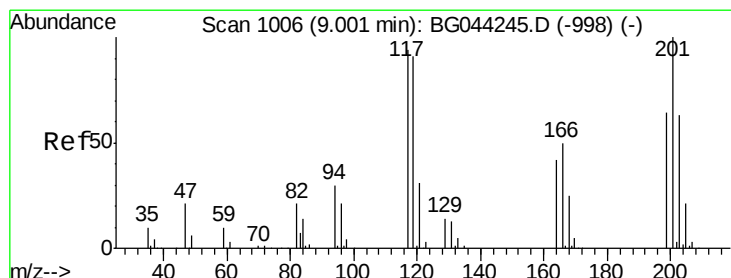
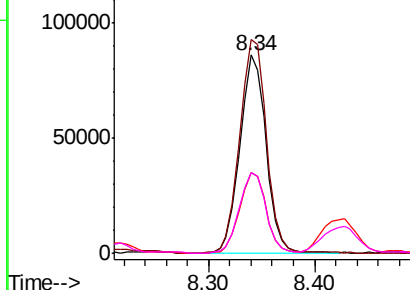
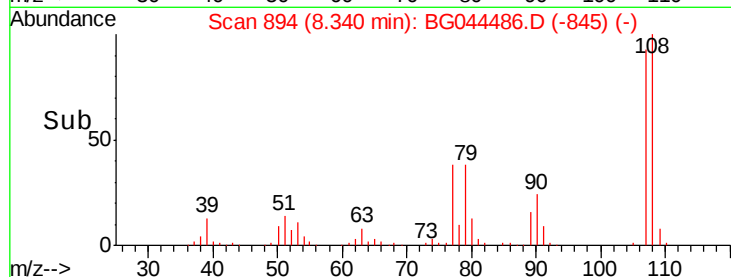
#17
2-Methylphenol
Concen: 42.126 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 147873
Ion Ratio Lower Upper
107 100
108 108.0 86.4 129.6
77 41.1 34.0 51.0
79 40.9 32.9 49.3

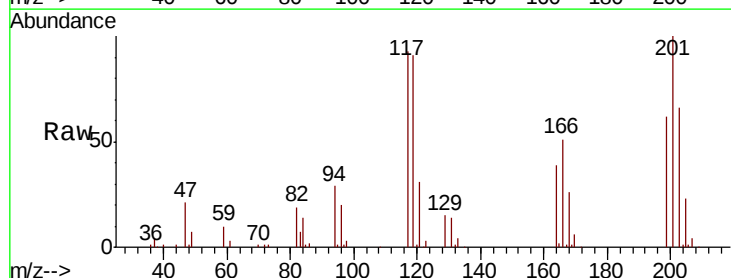


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

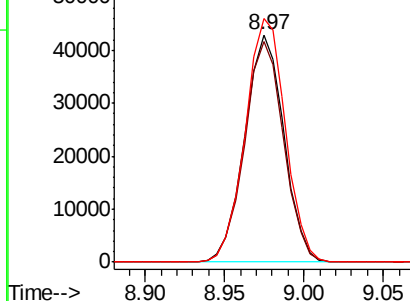
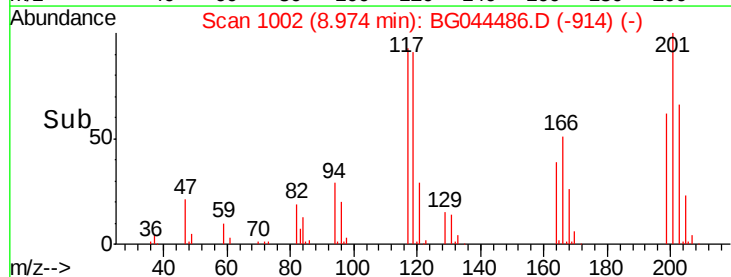


#18
Hexachloroethane
Concen: 40.924 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

Tgt Ion:117 Resp: 73888
Ion Ratio Lower Upper
117 100
119 97.3 77.5 116.3
201 107.1 84.9 127.3



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

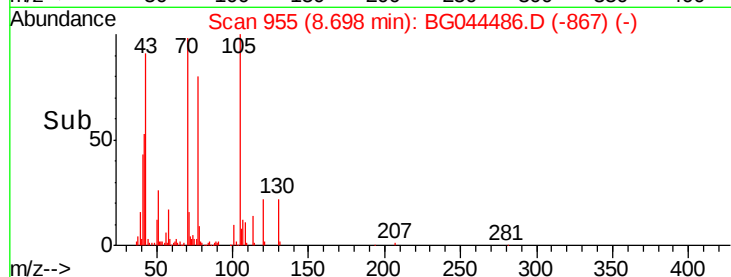
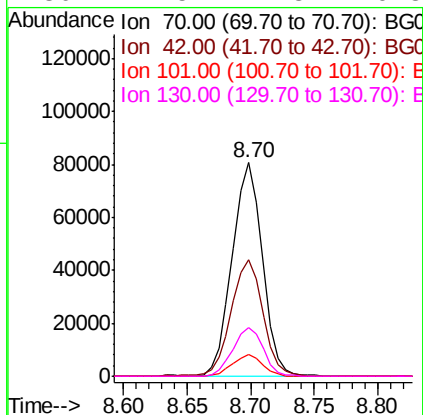
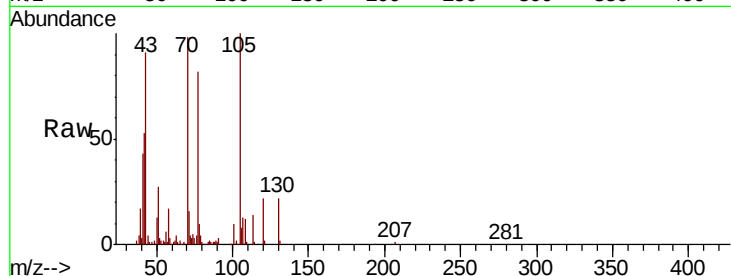




#19
n-Nitroso-di-n-propylamine
Concen: 40.113 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

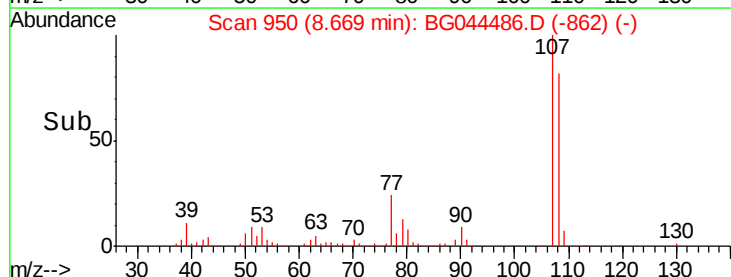
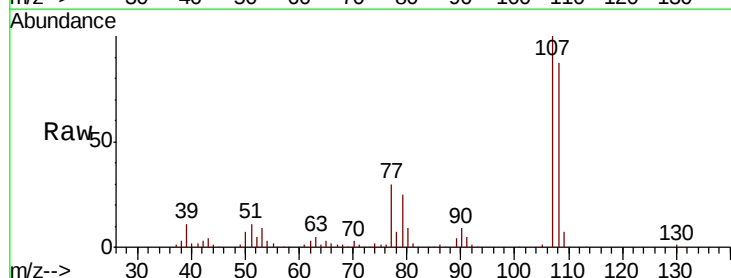
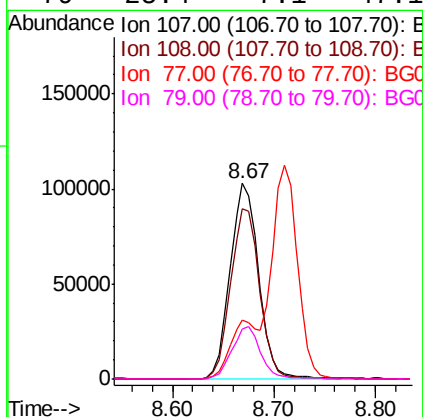
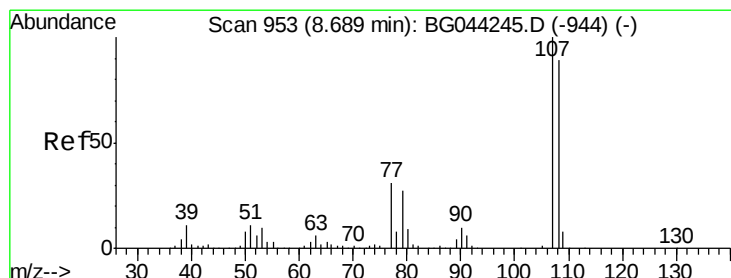
Instrument :
BNA_G
ClientSampleId :

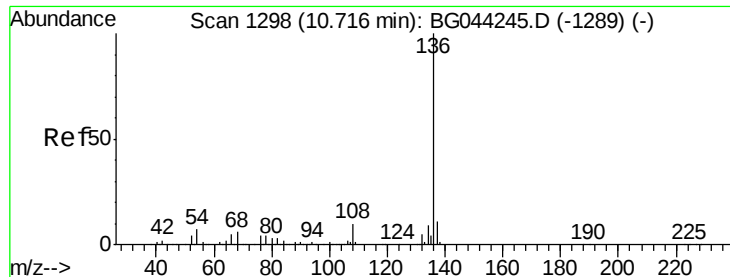
Tot Ion:	70	Resp:	132898
Ion	Ratio	Lower	Upper
70	100		
42	54.3	46.2	69.2
101	10.0	8.4	12.6
130	22.5	17.8	26.8



#20
3+4-Methylphenols
Concen: 41.540 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

Tgt Ion:	107	Resp:	200957
Ion	Ratio	Lower	Upper
107	100		
108	86.8	68.5	108.5
77	30.4	10.9	50.9
79	25.4	7.1	47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 264822

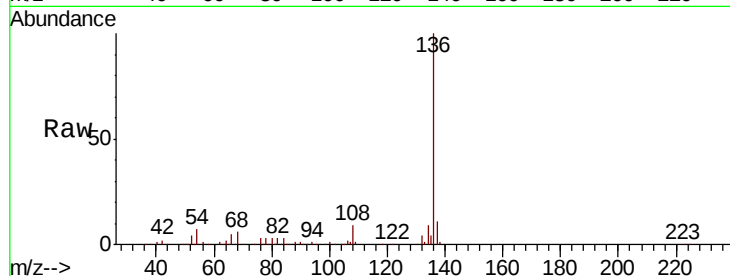
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.4 5.8 8.8

68 5.8 4.6 6.8

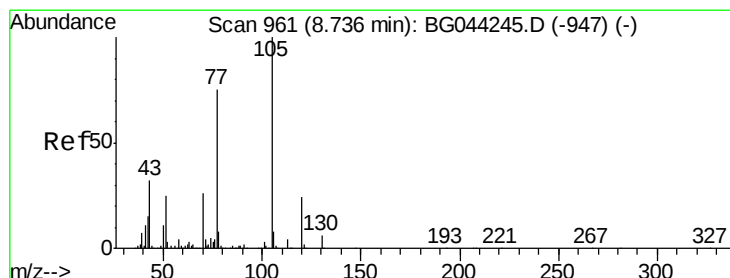
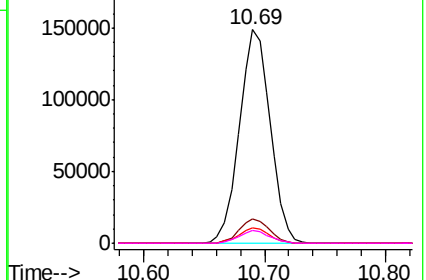
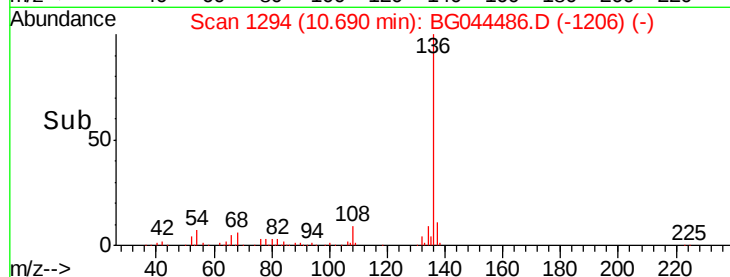


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.773 ng

RT: 8.71 min Scan# 957

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Tgt Ion:105 Resp: 262675

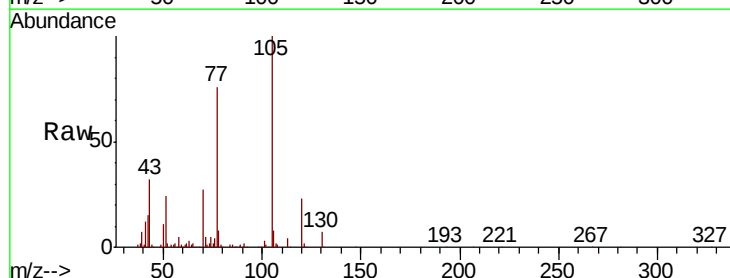
Ion Ratio Lower Upper

105 100

71 4.6 3.4 5.0

51 24.3 20.2 30.4

120 23.0 19.1 28.7

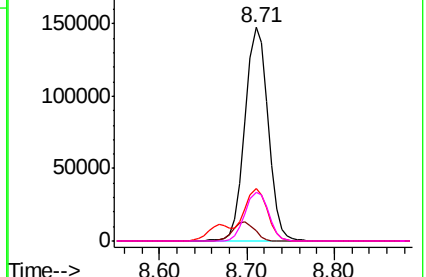
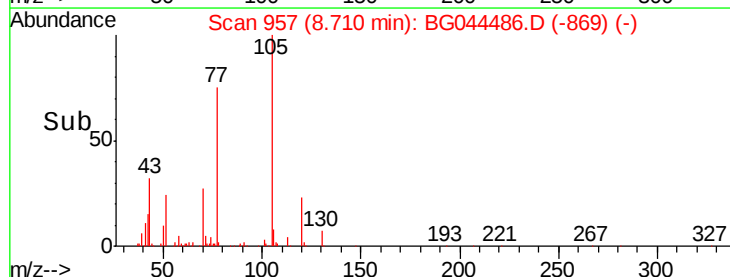


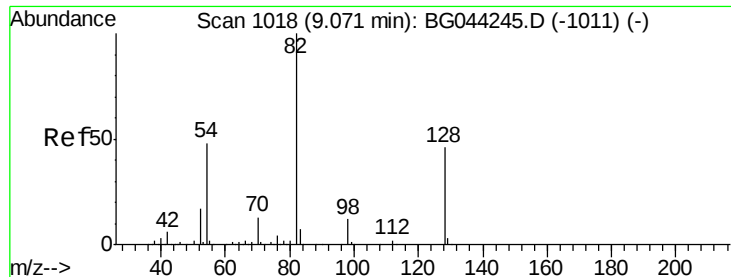
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

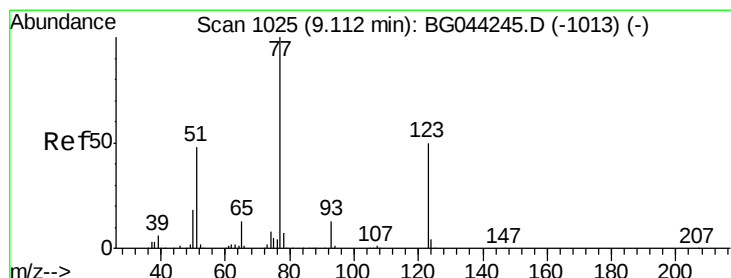
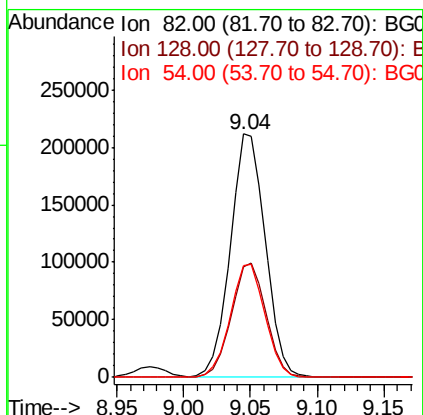
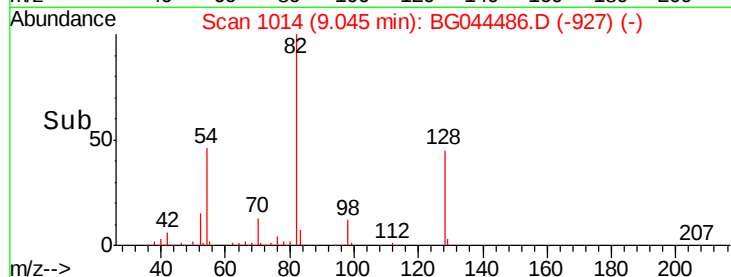
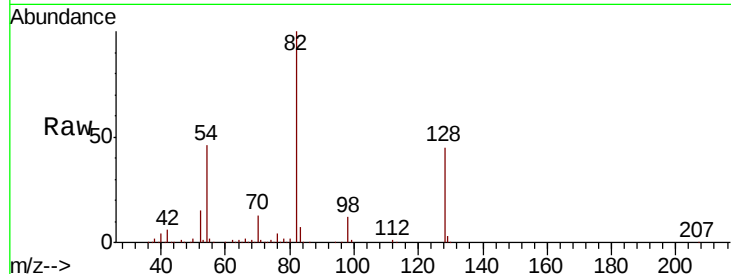




#23
 Nitrobenzene-d5
 Concen: 81.887 ng
 RT: 9.04 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

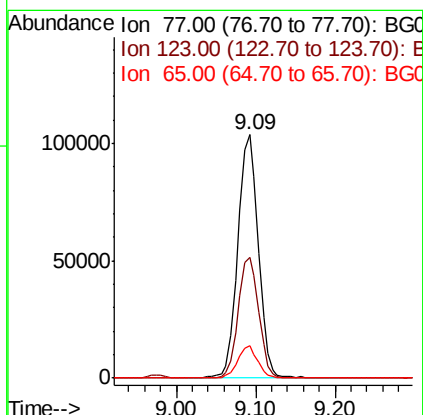
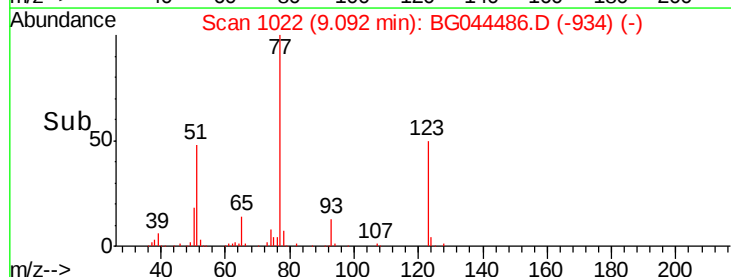
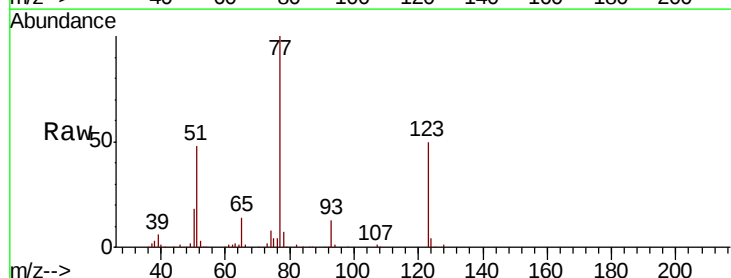
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	384112
Ion Ratio	Lower	Upper	
82	100		
128	45.1	36.5	54.7
54	46.1	38.6	58.0



#24
 Nitrobenzene
 Concen: 40.570 ng
 RT: 9.09 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

Tgt Ion	77	Resp	185784
Ion Ratio	Lower	Upper	
77	100		
123	49.7	39.9	59.9
65	13.5	10.4	15.6





#25

Isophorone

Concen: 40.390 ng

RT: 9.61 min Scan# 1111

Delta R.T. -0.02 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA_G

ClientSampleId :

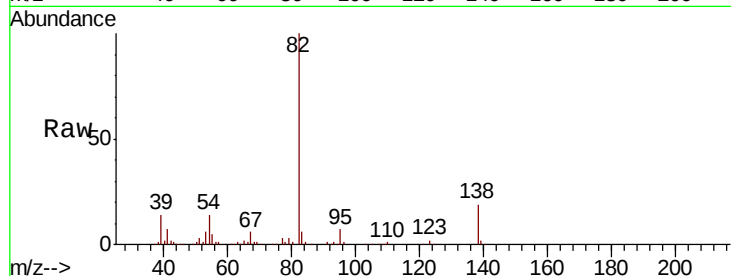
Tot Ion: 82 Resp: 353128

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

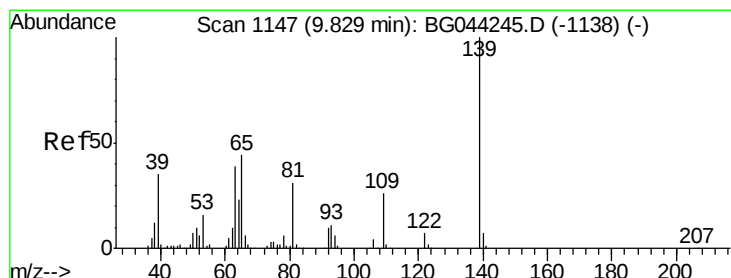
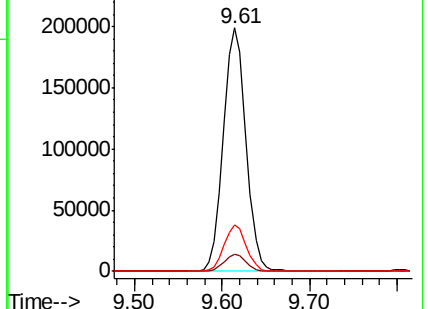
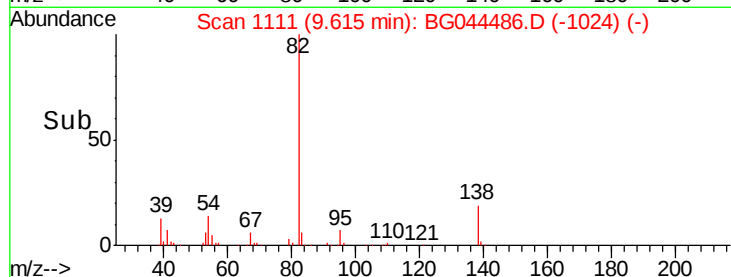
138 19.1 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BG044486.D (-1024) (-)

Ion 95.00 (94.70 to 95.70): BG044486.D (-1024) (-)

Ion 138.00 (137.70 to 138.70): BG044486.D (-1024) (-)



#26

2-Nitrophenol

Concen: 43.212 ng

RT: 9.80 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

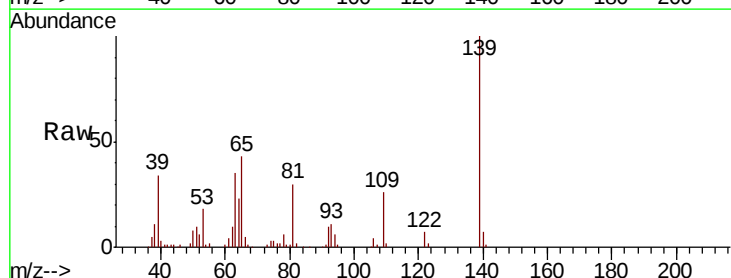
Tgt Ion: 139 Resp: 102678

Ion Ratio Lower Upper

139 100

109 26.3 21.0 31.4

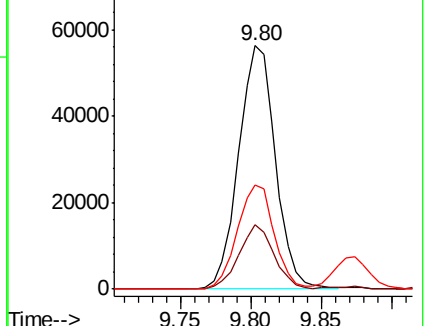
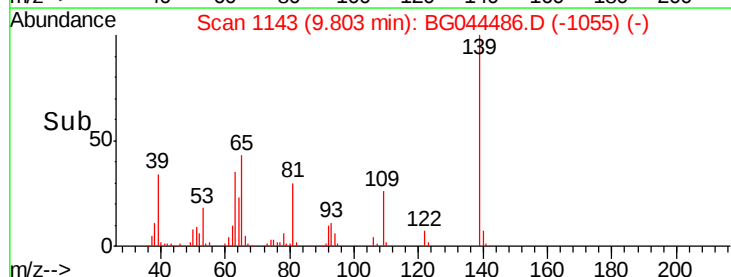
65 42.7 35.0 52.4

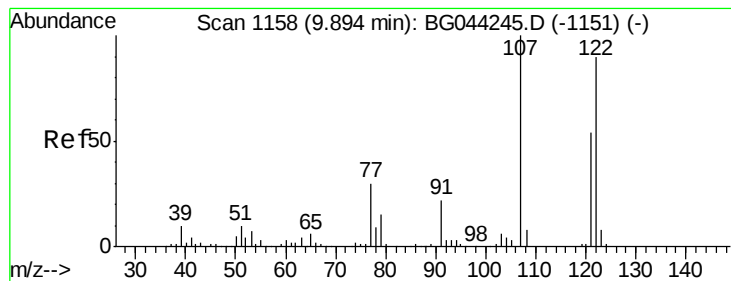


Abundance Ion 139.00 (138.70 to 139.70): BG044486.D (-1055) (-)

Ion 109.00 (108.70 to 109.70): BG044486.D (-1055) (-)

Ion 65.00 (64.70 to 65.70): BG044486.D (-1055) (-)





#27

2,4-Dimethylphenol

Concen: 41.295 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA_G

ClientSampled :

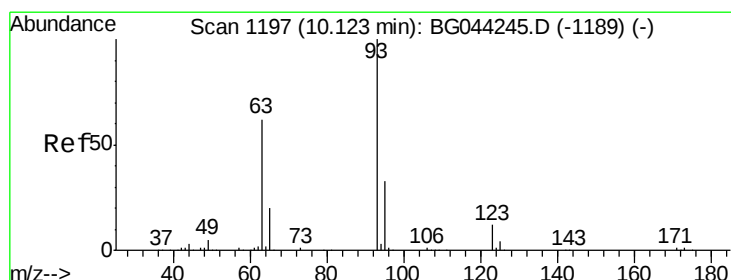
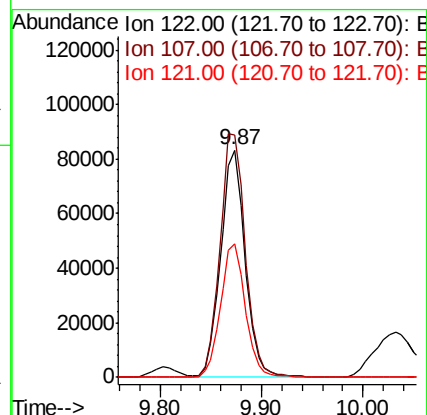
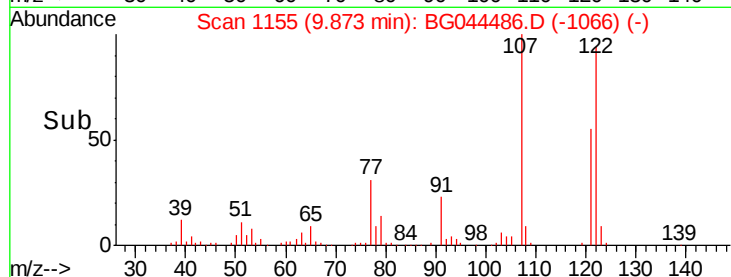
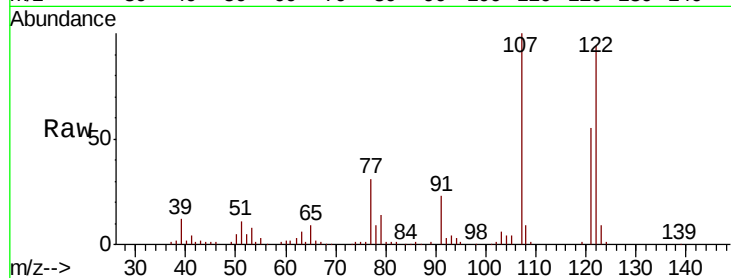
Tot Ion:122 Resp: 138513

Ion Ratio Lower Upper

122 100

107 106.6 88.8 133.2

121 58.5 48.3 72.5



#28

bis(2-Chloroethoxy)methane

Concen: 40.342 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

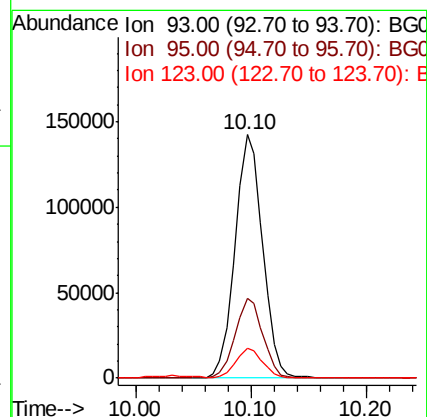
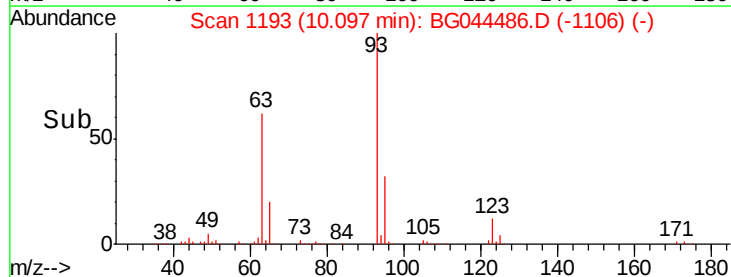
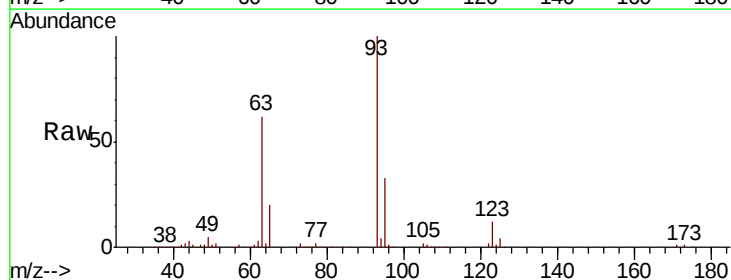
Tgt Ion: 93 Resp: 235288

Ion Ratio Lower Upper

93 100

95 32.6 26.6 40.0

123 12.2 10.0 15.0

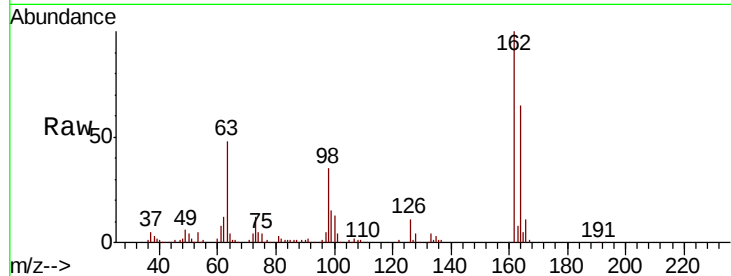




#29
2,4-Dichlorophenol
Concen: 41.776 ng
RT: 10.34 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.7	84.7
98	35.1	15.8	55.8

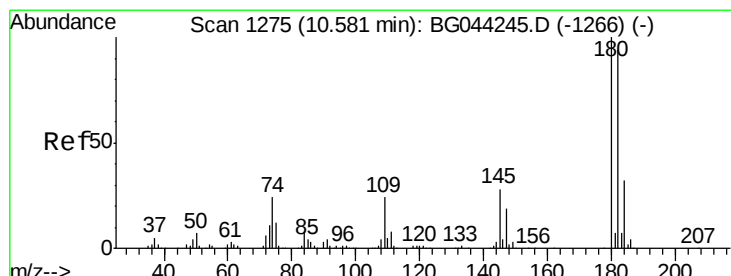
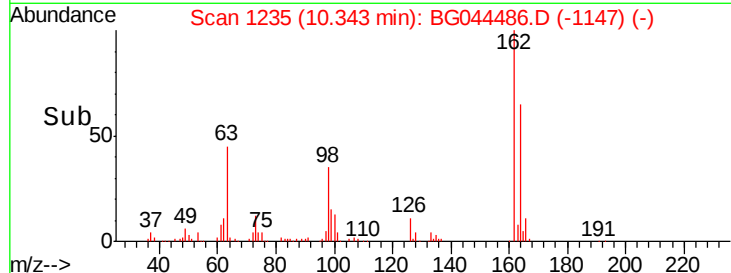
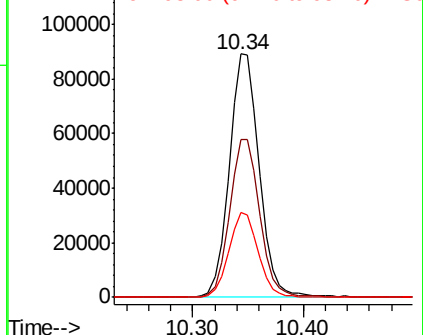


Abundance

Ion 162.00 (161.70 to 162.70): E

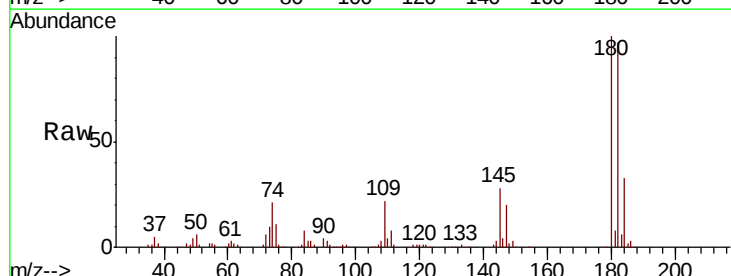
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 41.981 ng
RT: 10.56 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.5	113.3
145	28.3	22.6	34.0

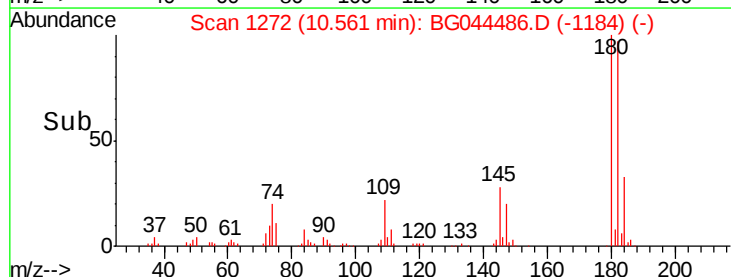
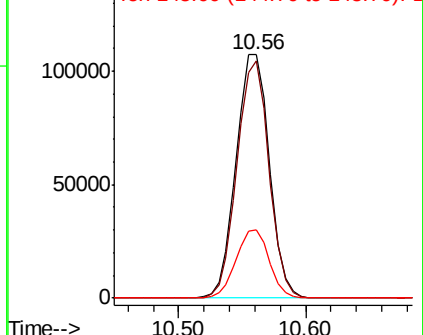


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

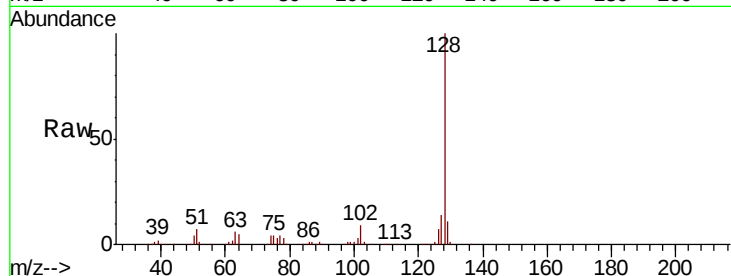




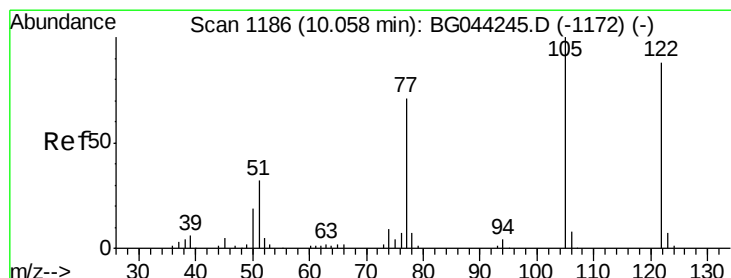
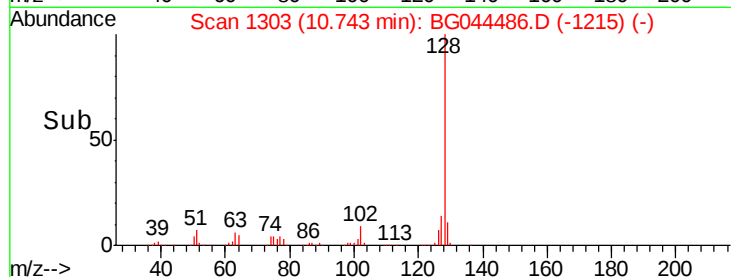
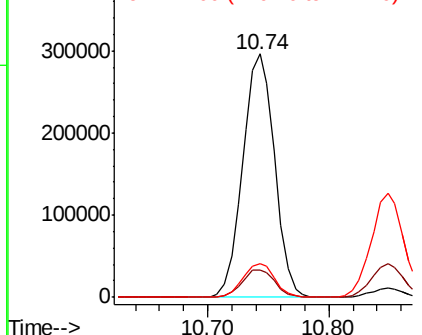
#31
Naphthalene
Concen: 42.185 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 542006
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 14.0 11.6 17.4

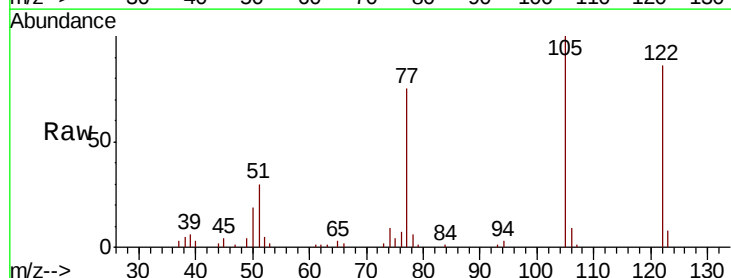


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

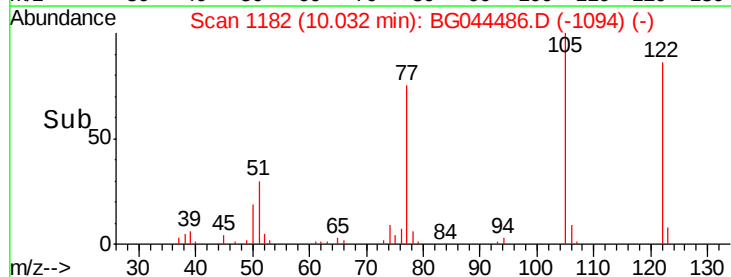
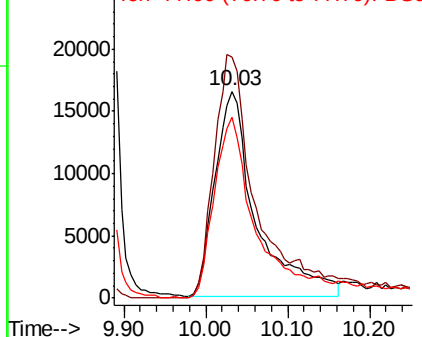


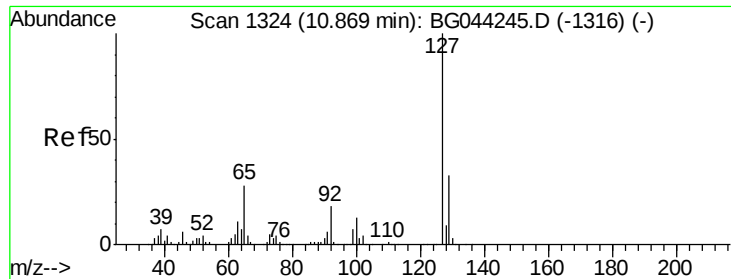
#32
Benzoic acid
Concen: 32.543 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

Tgt Ion:122 Resp: 57594
Ion Ratio Lower Upper
122 100
105 116.6 93.5 133.5
77 87.4 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): BG

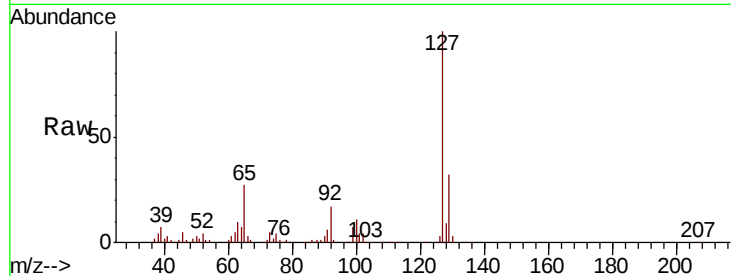




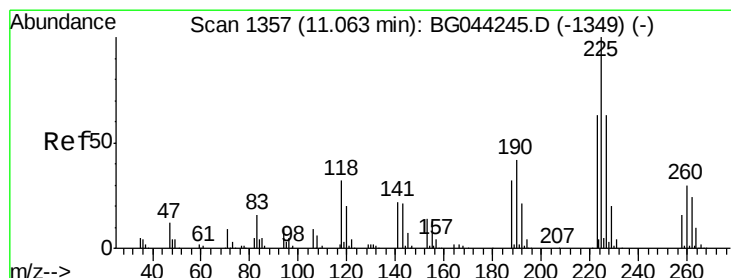
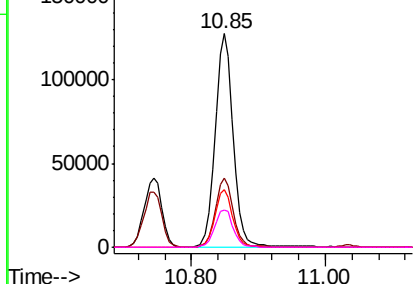
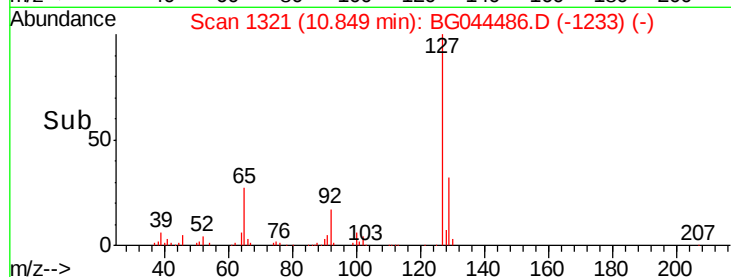
#33
4-Chloroaniline
Concen: 41.579 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	242965
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.6	40.0
65	26.8	22.5	33.7
92	17.5	14.1	21.1

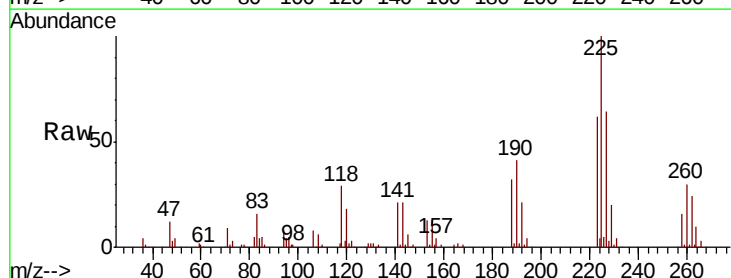


Abundance Ion 127.00 (126.70 to 127.70): E
200000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

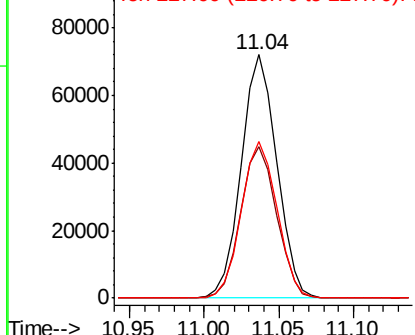
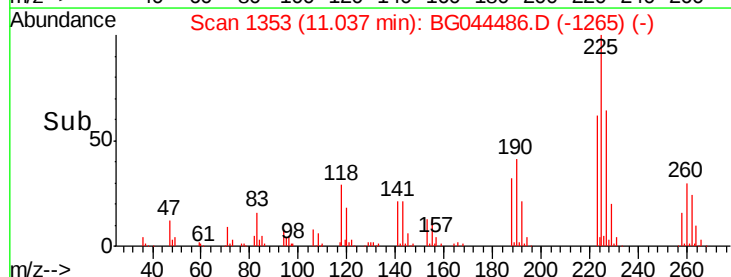


#34
Hexachlorobutadiene
Concen: 41.504 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

Tgt Ion:	225	Resp:	118768
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.2	75.4
227	64.4	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
100000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

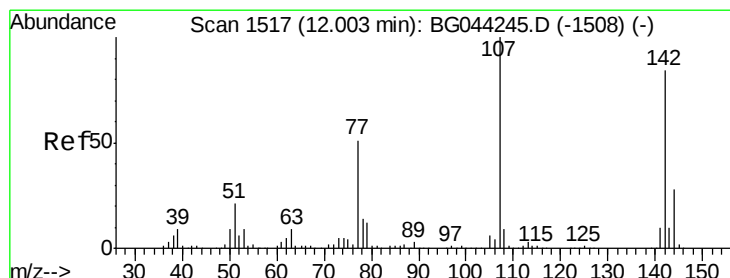
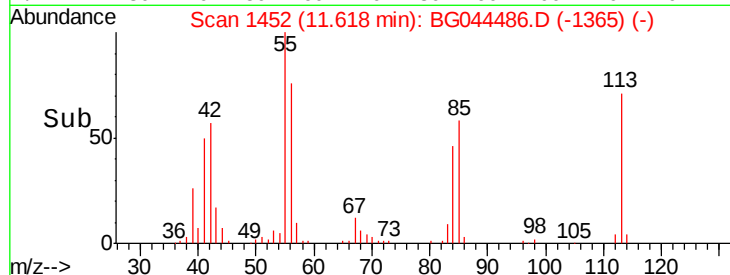
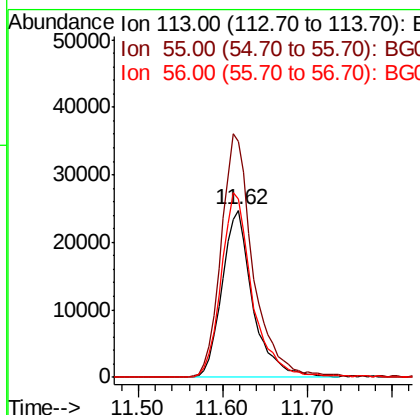
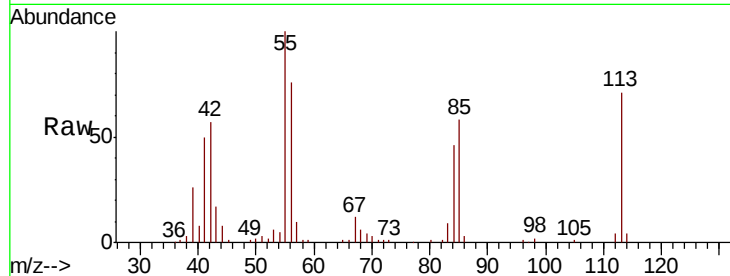




#35
 Caprolactam
 Concen: 41.760 ng
 RT: 11.62 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

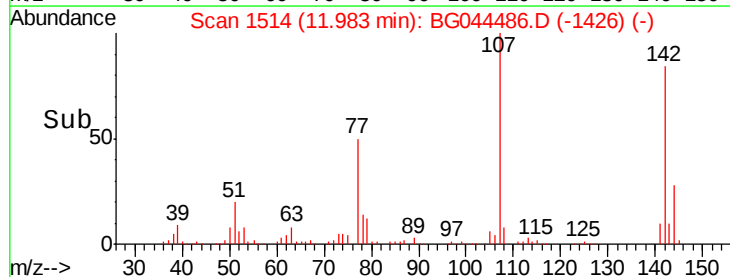
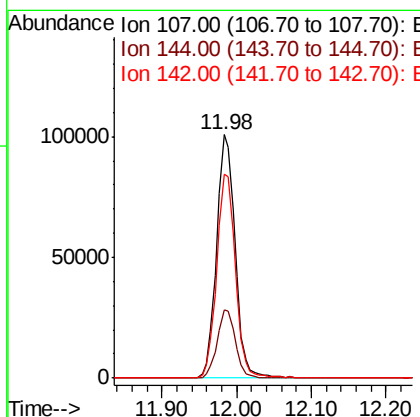
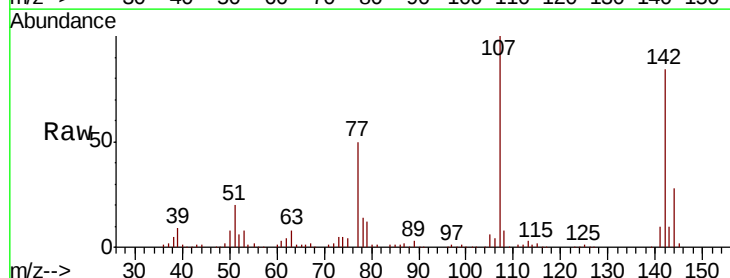
Instrument :
 BNA_G
 ClientSampled :

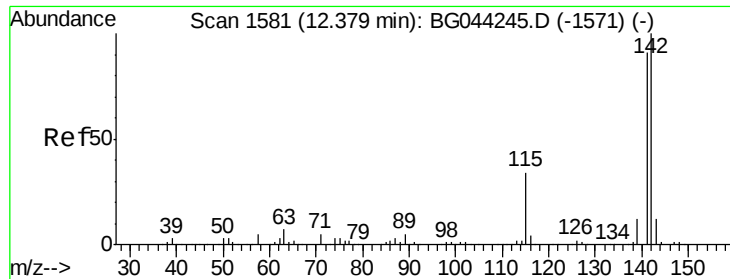
Tot Ion:113 Resp: 62043
 Ion Ratio Lower Upper
 113 100
 55 141.0 129.9 169.9
 56 106.9 92.5 132.5



#36
 4-Chloro-3-methylphenol
 Concen: 41.042 ng
 RT: 11.98 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

Tgt Ion:107 Resp: 174524
 Ion Ratio Lower Upper
 107 100
 144 28.1 22.2 33.4
 142 83.8 67.4 101.0

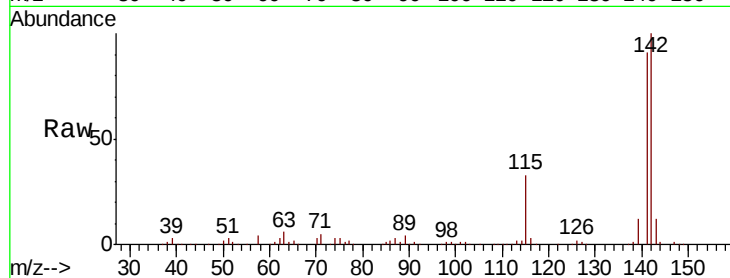




#37
2-Methylnaphthalene
Concen: 41.717 ng
RT: 12.35 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.2	109.8
115	33.0	27.1	40.7

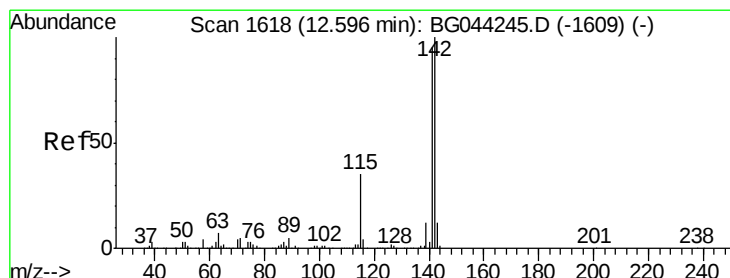
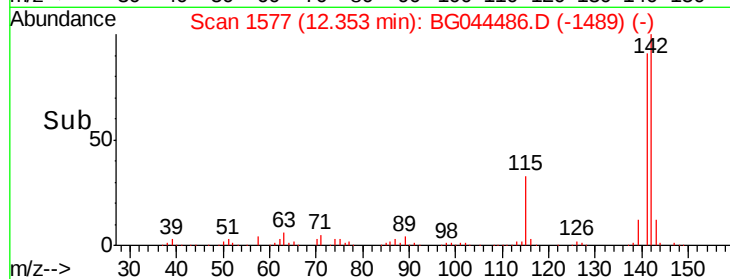
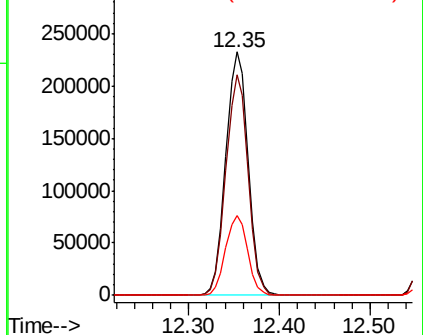


Abundance

Ion 142.00 (141.70 to 142.70): E

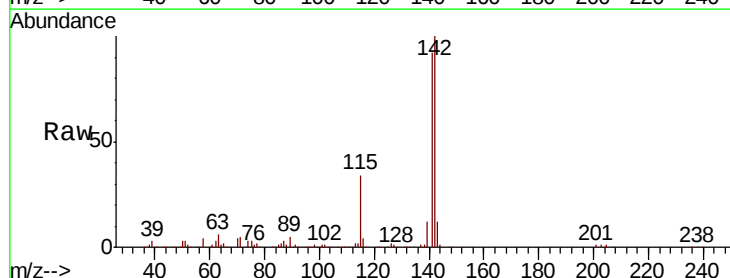
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.513 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.8	113.6
116	3.6	3.1	4.7

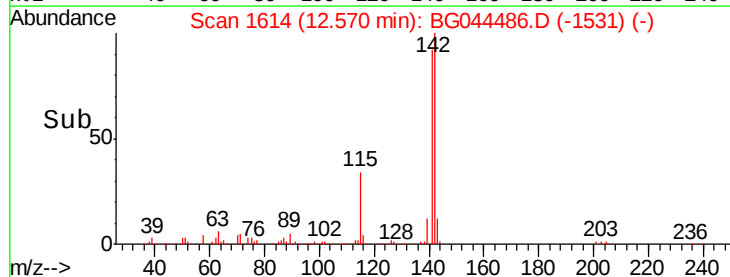
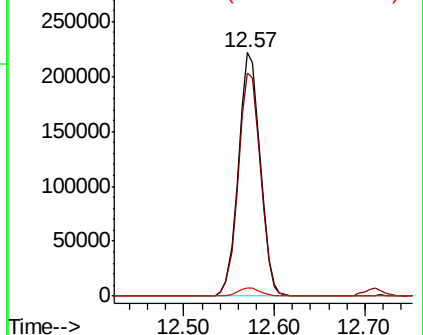


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA_G

ClientSampleId :

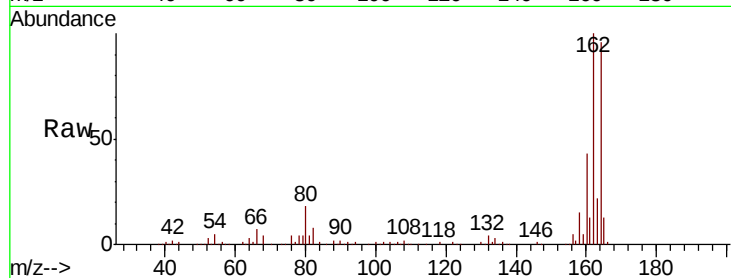
Tot Ion:164 Resp: 166606

Ion Ratio Lower Upper

164 100

162 103.8 80.7 121.1

160 44.9 35.3 52.9

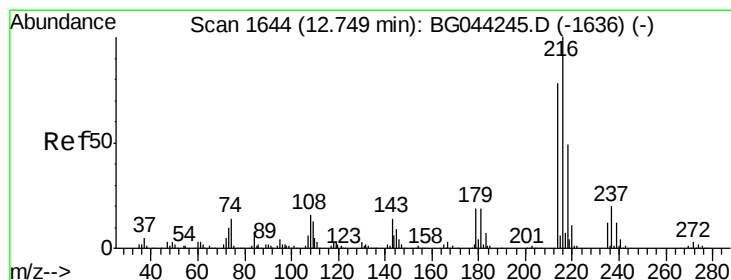
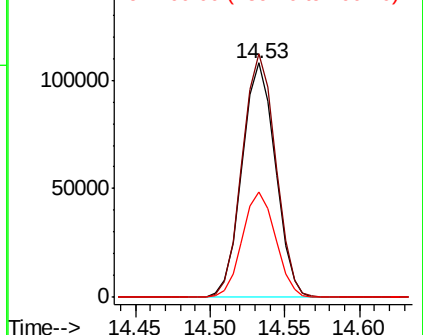
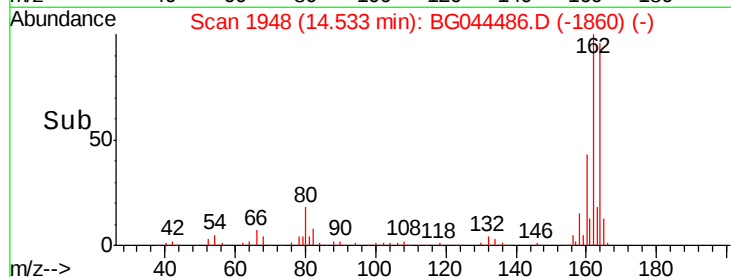


Abundance

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: 42.815 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Tgt Ion:216 Resp: 213377

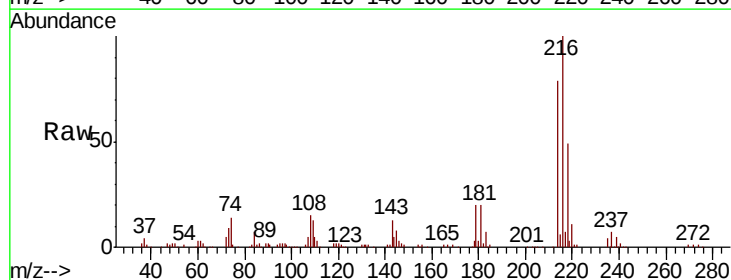
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.6

179 20.4 16.2 24.4

108 16.0 13.5 20.3



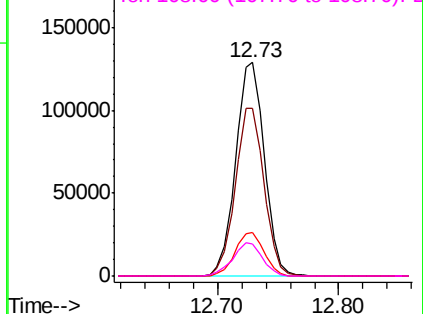
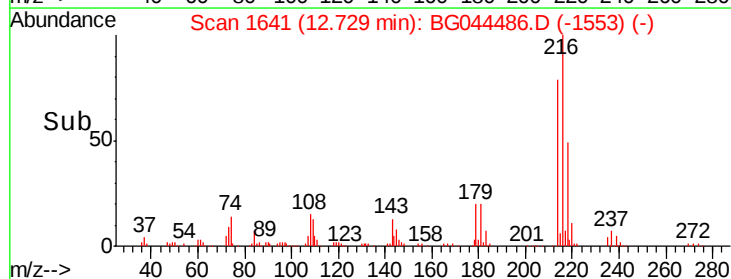
Abundance

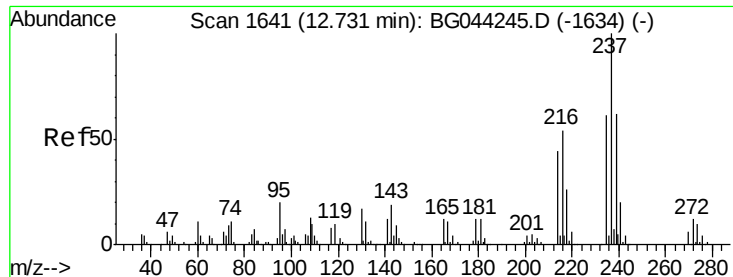
Ion 216.00 (215.70 to 216.70): E

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: 35.602 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA_G

ClientSampleId :

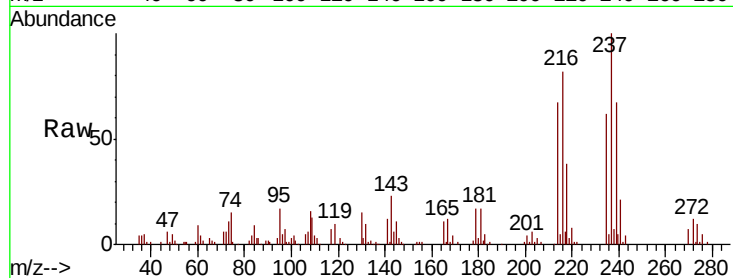
Tot Ion:237 Resp: 85136

Ion Ratio Lower Upper

237 100

235 62.1 41.2 81.2

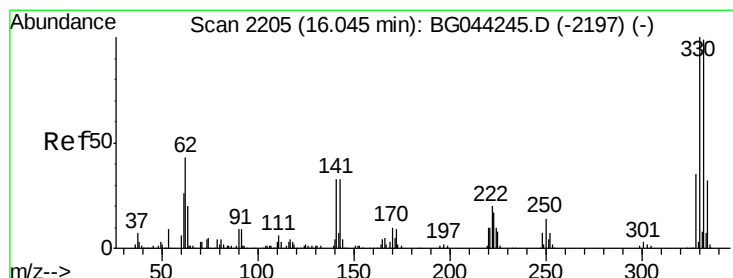
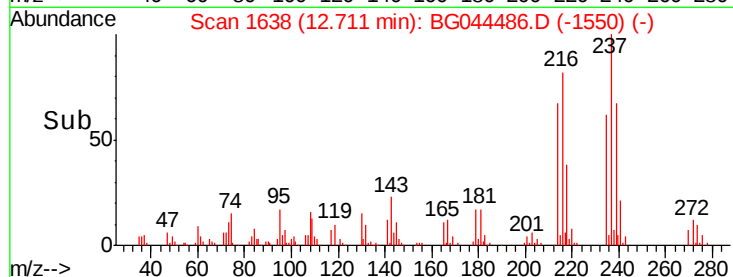
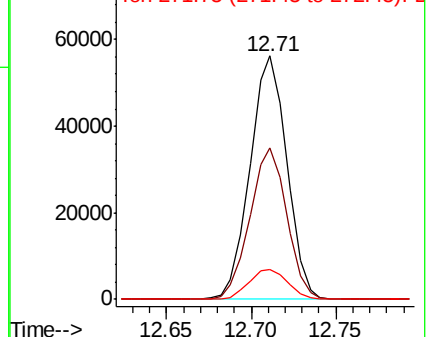
272 12.1 0.0 32.4



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: 86.904 ng

RT: 16.02 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

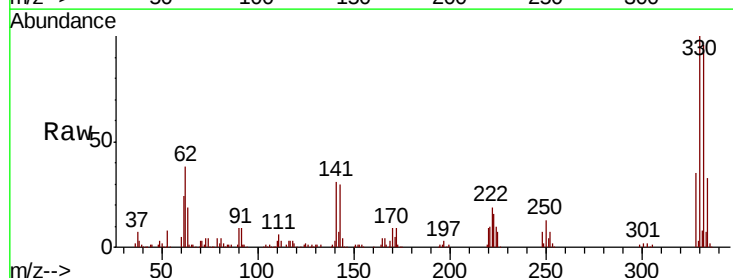
Tgt Ion:330 Resp: 169971

Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

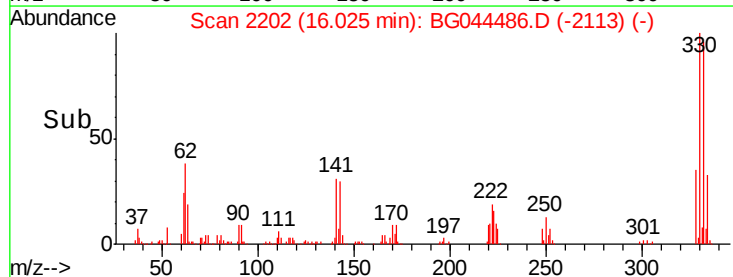
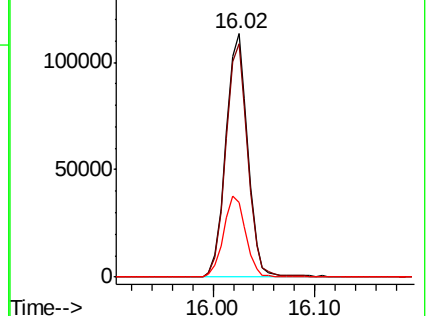
141 33.6 28.3 42.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

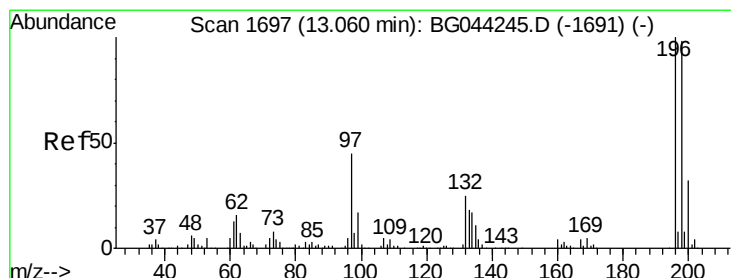
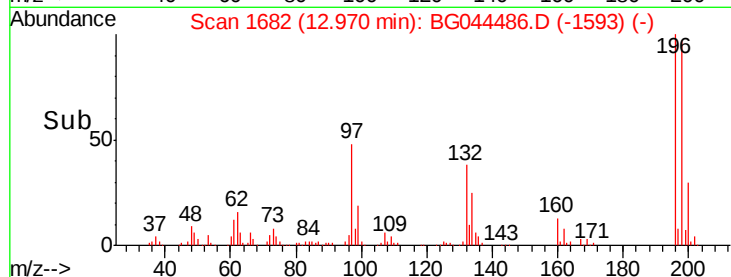
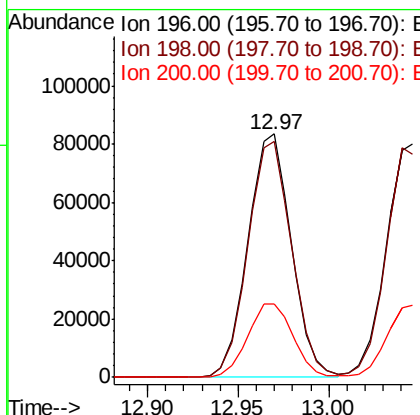
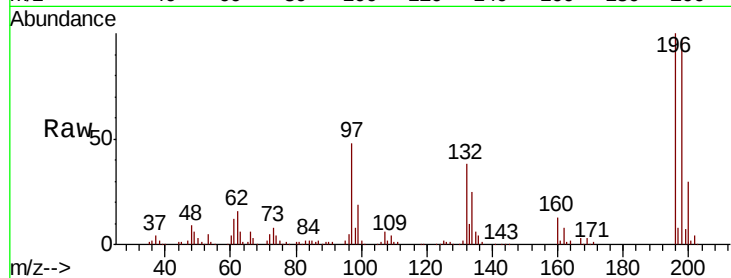




#43
 2,4,6-Trichlorophenol
 Concen: 43.125 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

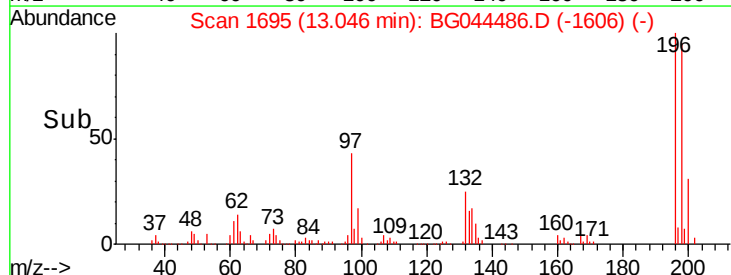
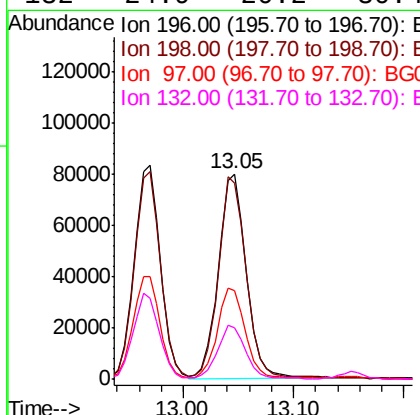
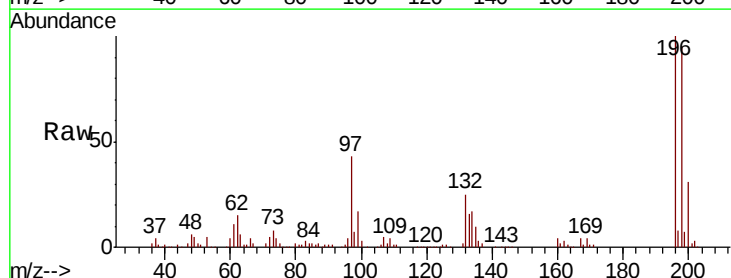
Instrument :
 BNA_G
 ClientSampled :

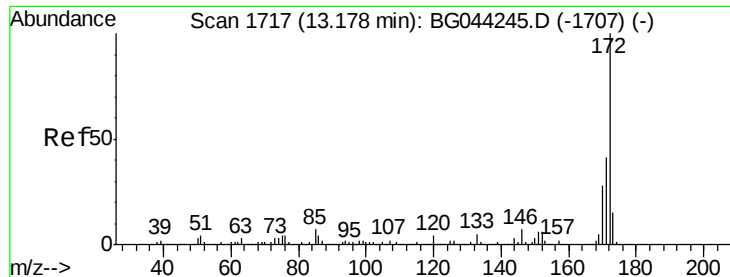
Tot Ion	196	Resp	138921
Ion Ratio	Lower	Upper	
196	100		
198	96.9	79.3	118.9
200	29.9	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 42.551 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

Tgt Ion	196	Resp	140005
Ion Ratio	Lower	Upper	
196	100		
198	95.3	78.2	117.2
97	42.9	36.2	54.4
132	24.9	20.2	30.4

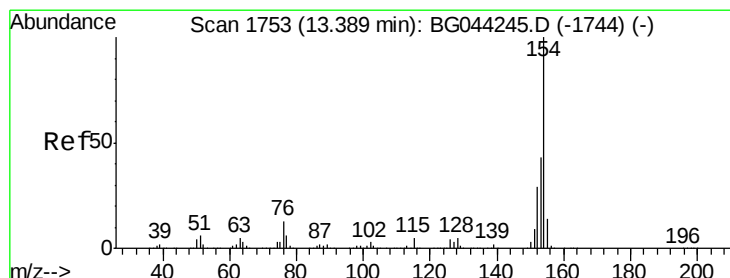
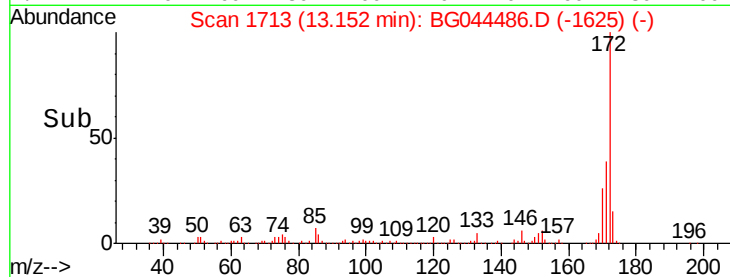
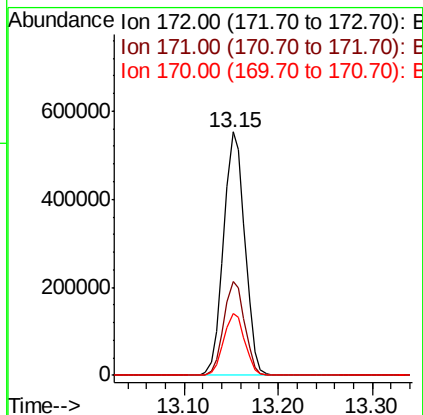
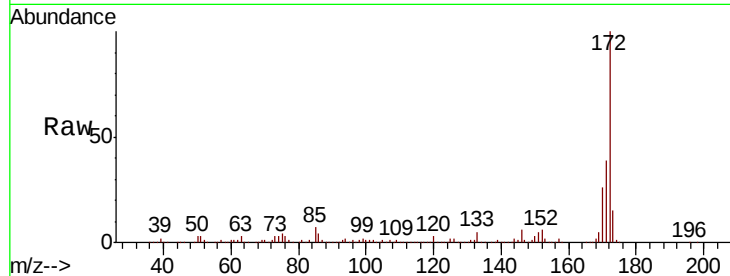




#45
 2-Fluorobiphenyl
 Concen: 87.526 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

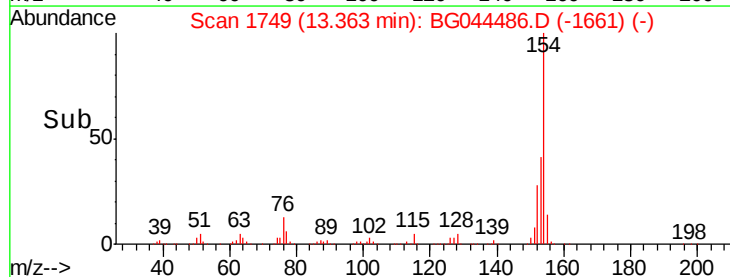
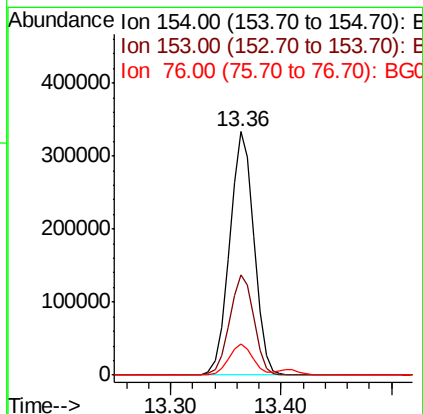
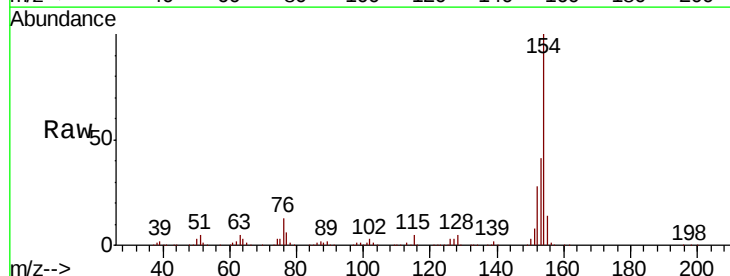
Instrument :
 BNA_G
 ClientSampleId :

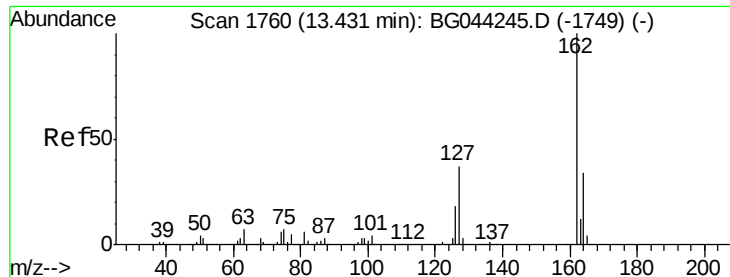
Tot Ion:172 Resp: 870816
 Ion Ratio Lower Upper
 172 100
 171 38.6 32.9 49.3
 170 25.5 22.0 33.0



#46
 1,1'-Biphenyl
 Concen: 42.819 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

Tgt Ion:154 Resp: 514580
 Ion Ratio Lower Upper
 154 100
 153 41.0 22.7 62.7
 76 12.6 0.0 32.9

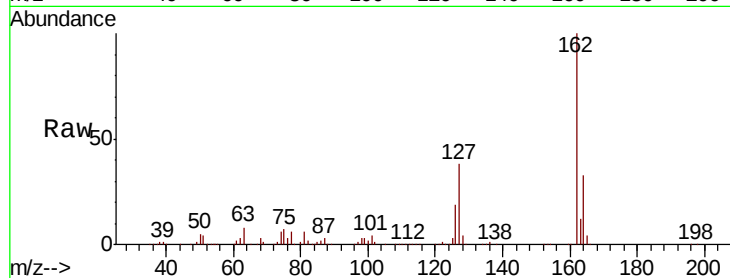




#47
 2-Chloronaphthalene
 Concen: 42.245 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.0	45.0
164	33.4	27.2	40.8

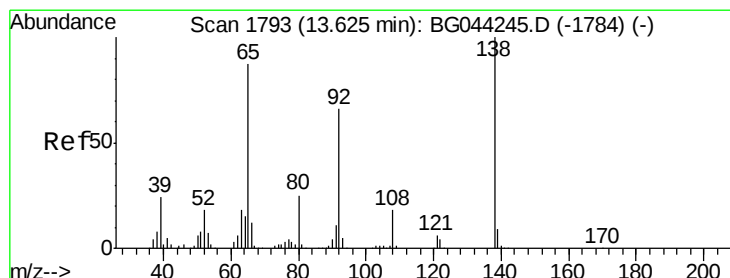
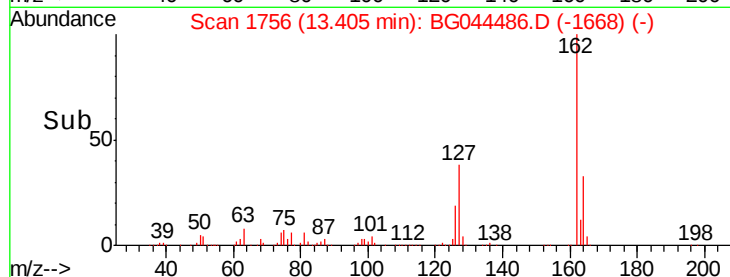
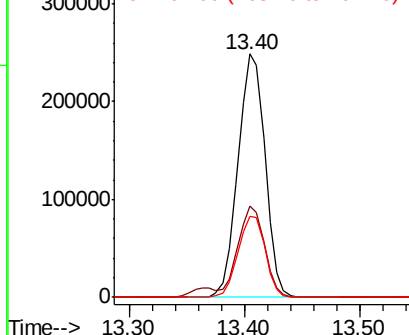


Abundance

Ion 162.00 (161.70 to 162.70): E

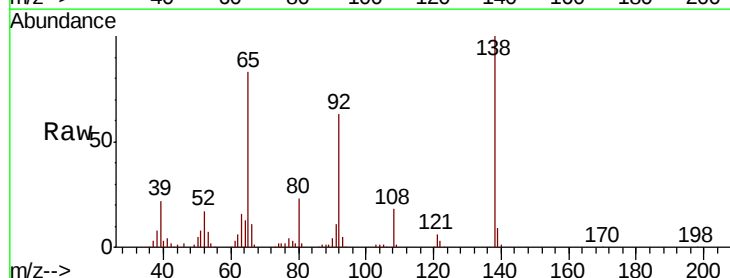
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 41.662 ng
 RT: 13.60 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.5	60.3	90.5
138	119.9	91.9	137.9

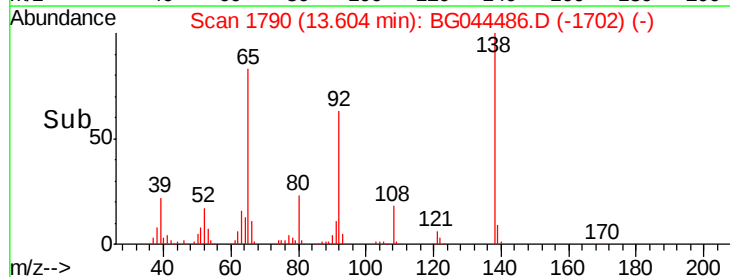
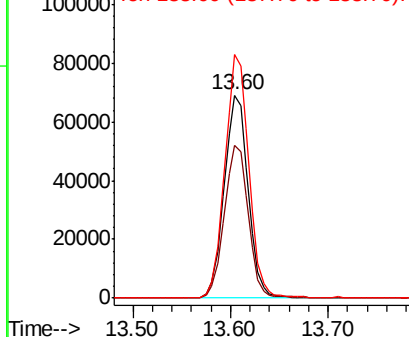


Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.255 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA_G

ClientSampleId :

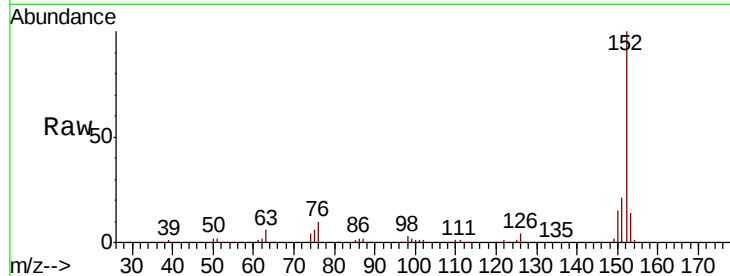
Tot Ion:152 Resp: 606709

Ion Ratio Lower Upper

152 100

151 21.2 18.1 27.1

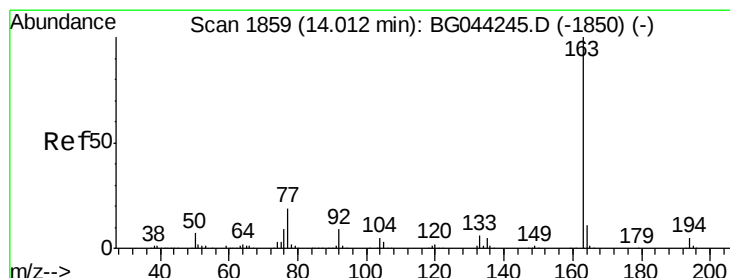
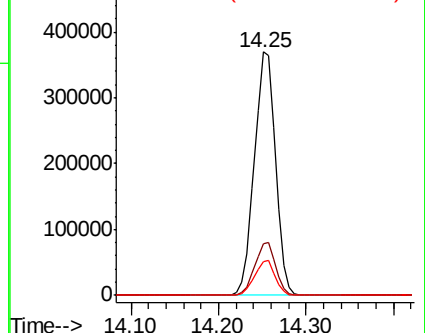
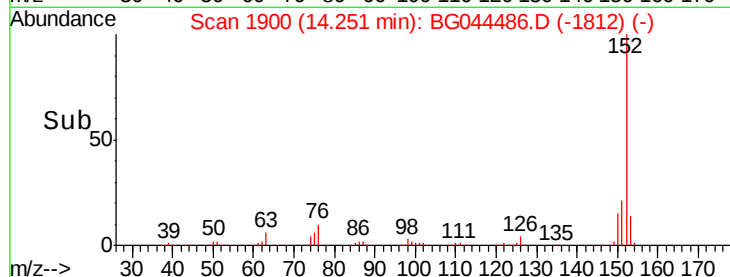
153 13.9 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.088 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

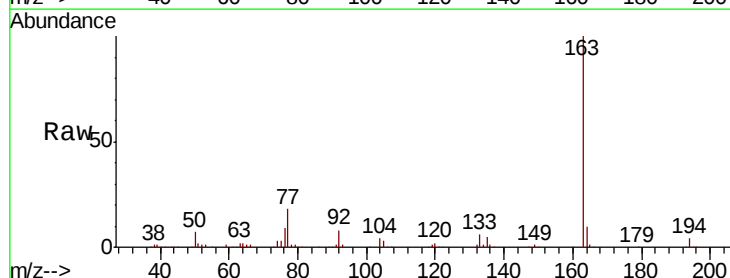
Tgt Ion:163 Resp: 504051

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

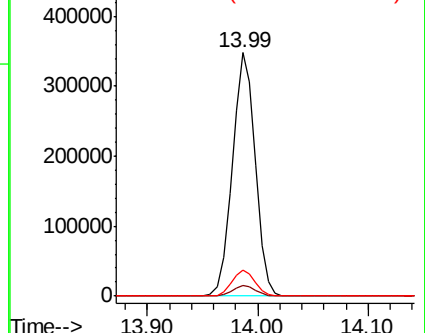
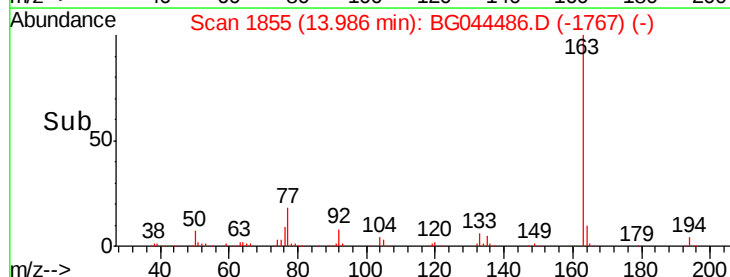
164 10.4 8.7 13.1

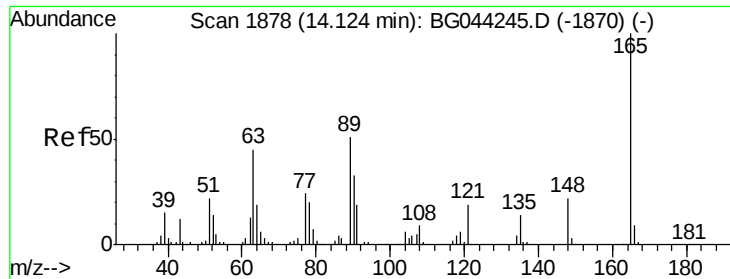


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.145 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA_G

ClientSampleId :

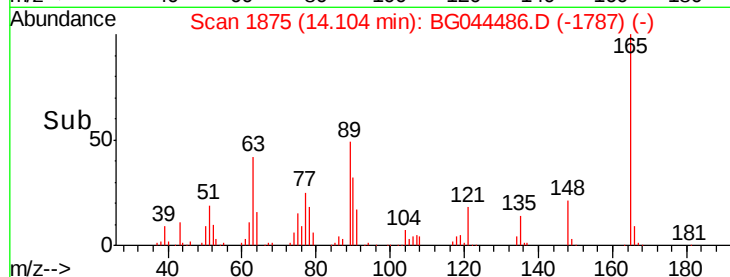
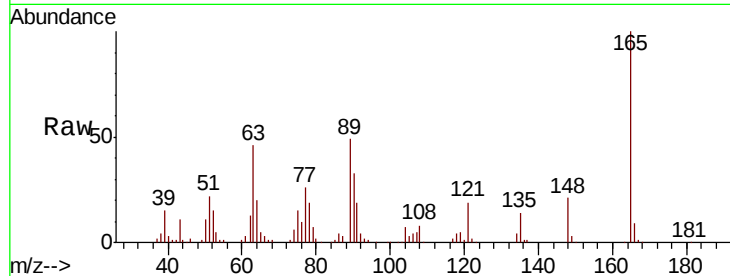
Tot Ion:165 Resp: 112538

Ion Ratio Lower Upper

165 100

63 46.0 38.7 58.1

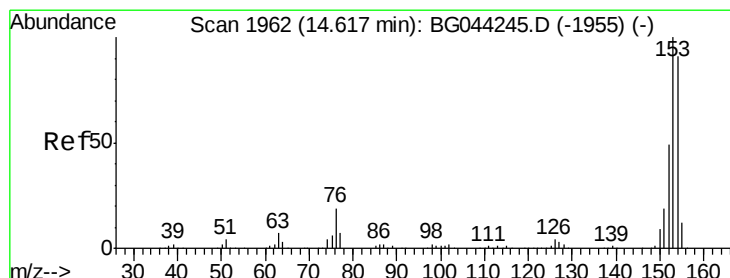
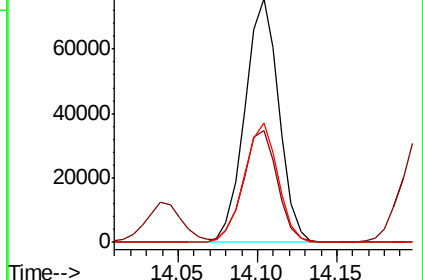
89 49.2 40.4 60.6



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: 42.191 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

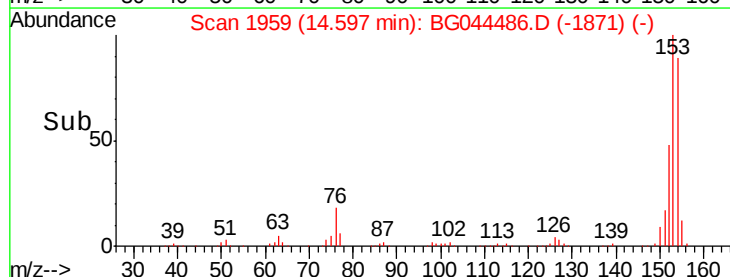
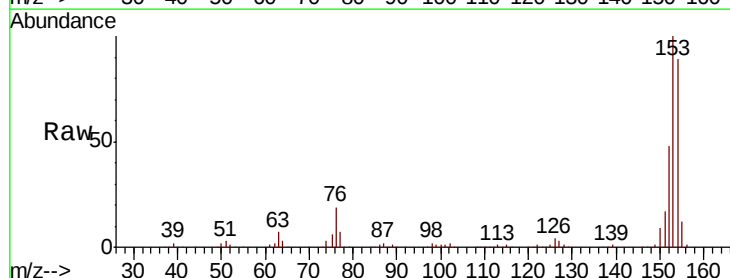
Tgt Ion:154 Resp: 383575

Ion Ratio Lower Upper

154 100

153 112.0 87.9 131.9

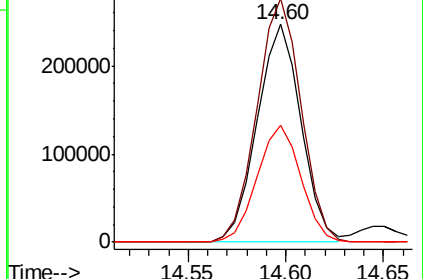
152 53.9 43.1 64.7



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

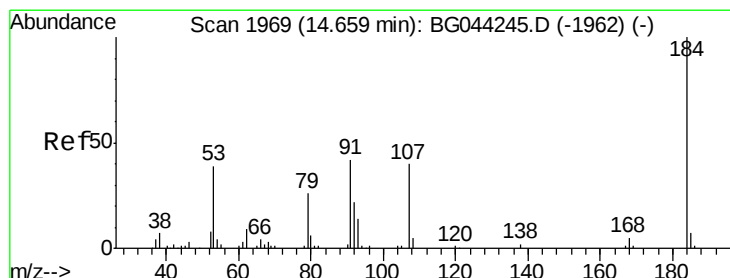
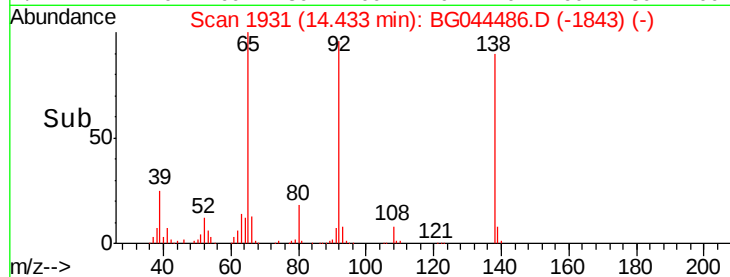
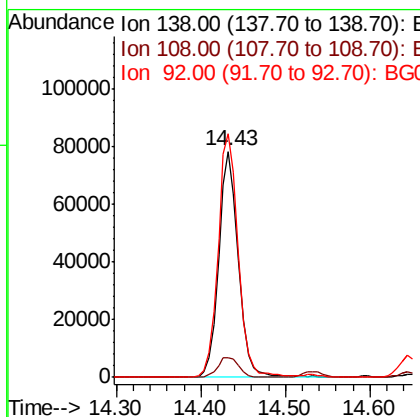
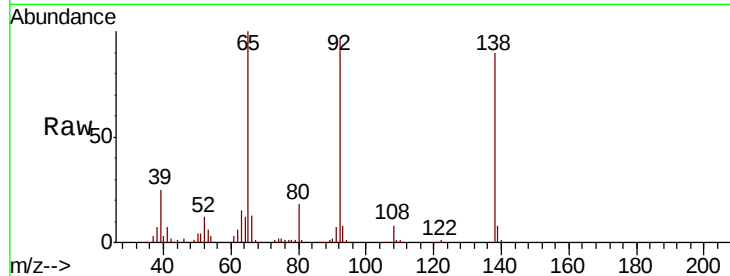




#53
 3-Nitroaniline
 Concen: 43.024 ng
 RT: 14.43 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

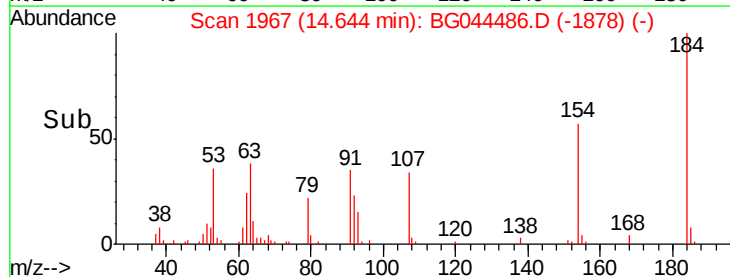
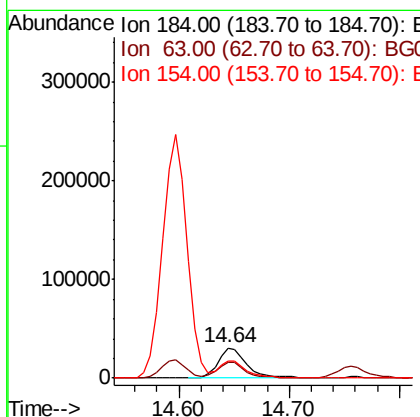
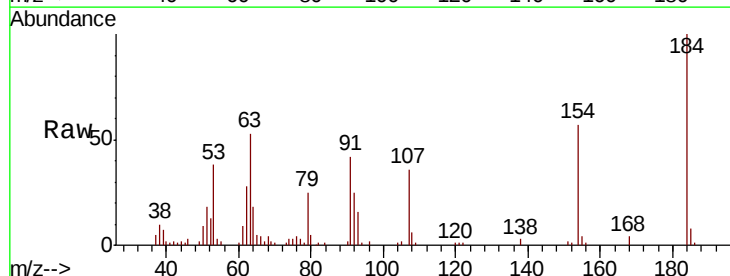
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 127104
 Ion Ratio Lower Upper
 138 100
 108 8.9 7.9 11.9
 92 107.6 91.0 136.4



#54
 2,4-Dinitrophenol
 Concen: 39.879 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

Tgt Ion:184 Resp: 56410
 Ion Ratio Lower Upper
 184 100
 63 52.8 44.1 66.1
 154 56.8 45.4 68.0

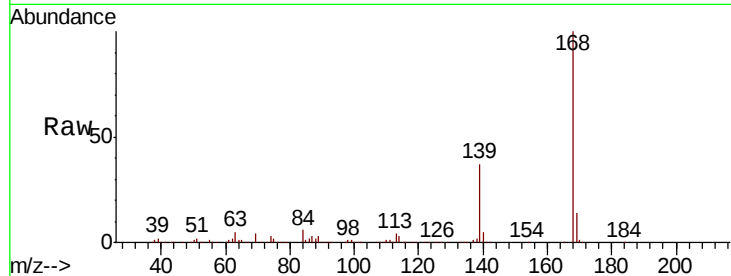




#55
Dibenzofuran
Concen: 42.778 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

Instrument :
BNA_G
ClientSampleId :

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

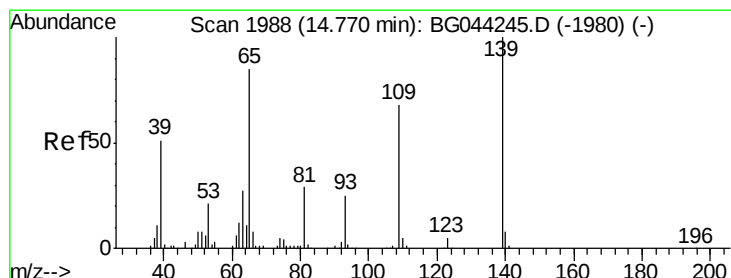
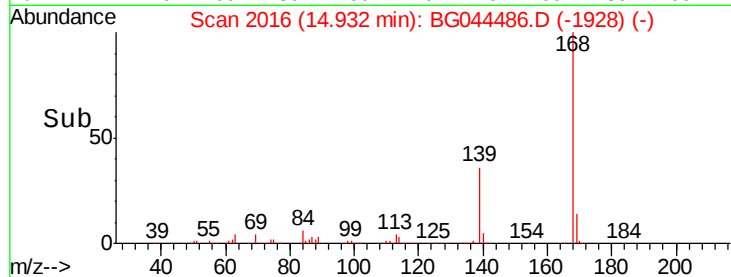
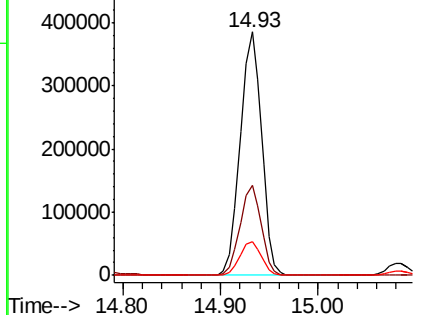


Abundance

Ion 168.00 (167.70 to 168.70): E

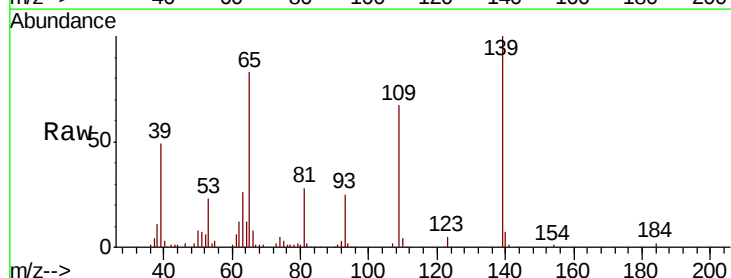
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 42.855 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.8	47.5	87.5
65	82.9	64.9	104.9

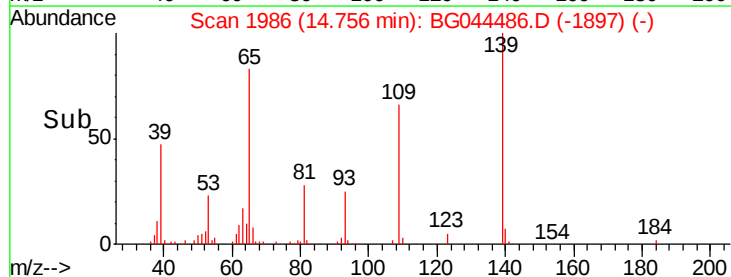
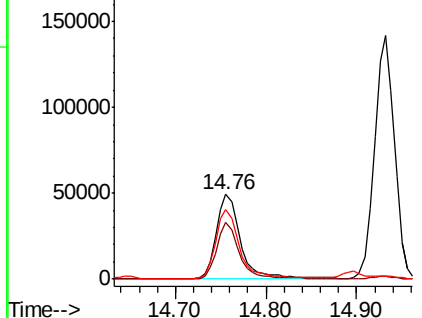


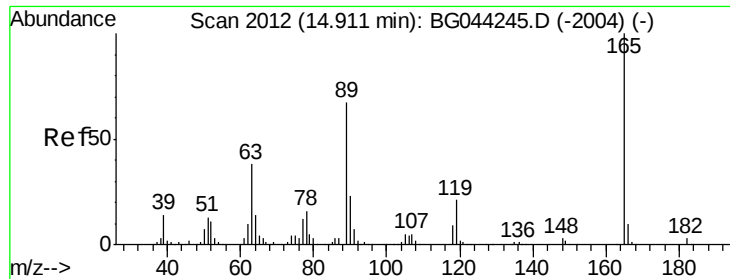
Abundance

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

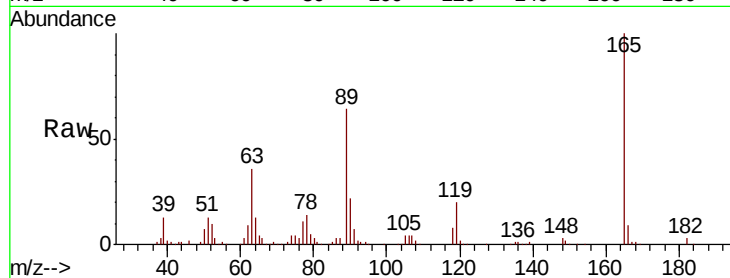




#57
 2,4-Dinitrotoluene
 Concen: 42.448 ng
 RT: 14.90 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	158867
Ion	Ratio	Lower	Upper
165	100		
63	36.0	30.3	45.5
89	64.4	53.4	80.2
182	2.8	2.1	3.1



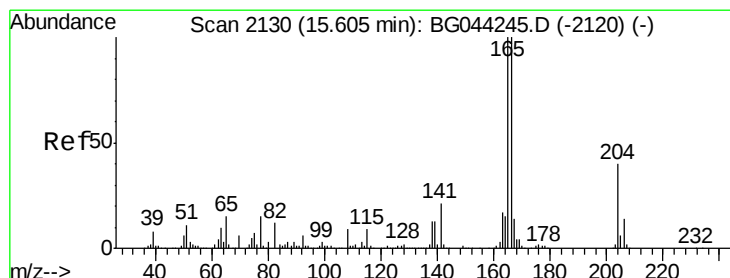
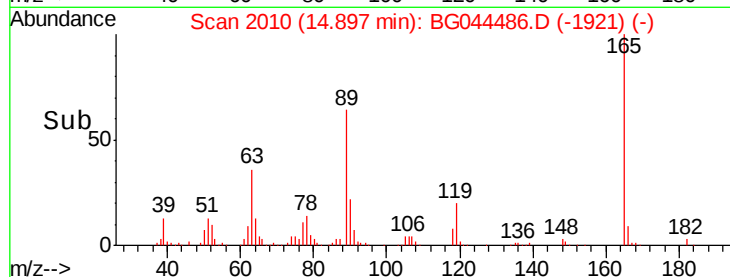
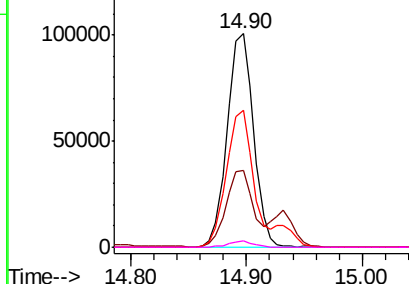
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

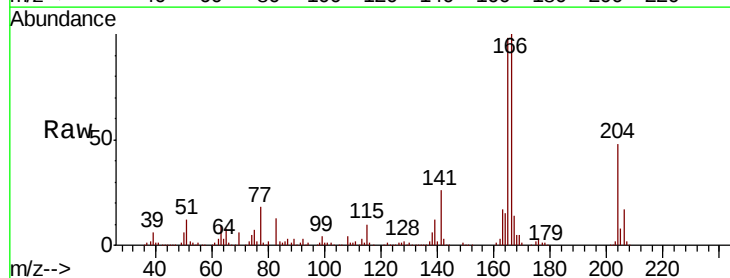
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 43.390 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

Tgt Ion:	166	Resp:	470410
Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.9	119.9
167	14.3	11.4	17.0

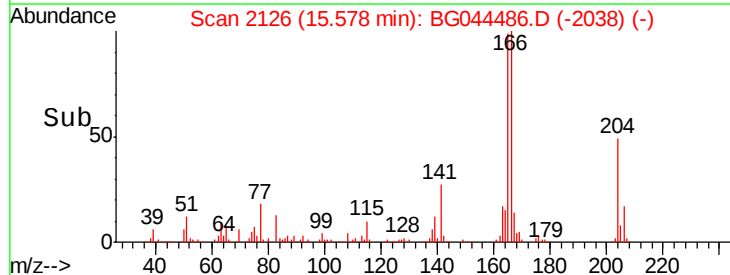
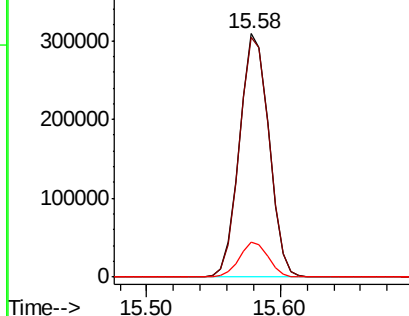


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

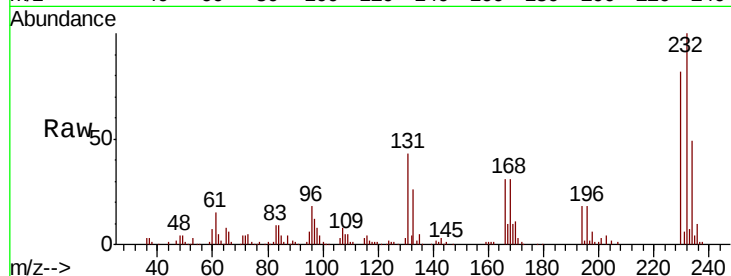




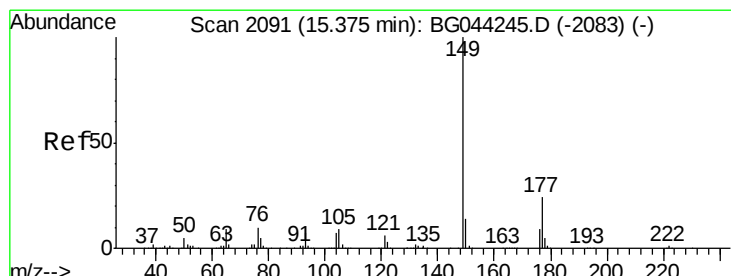
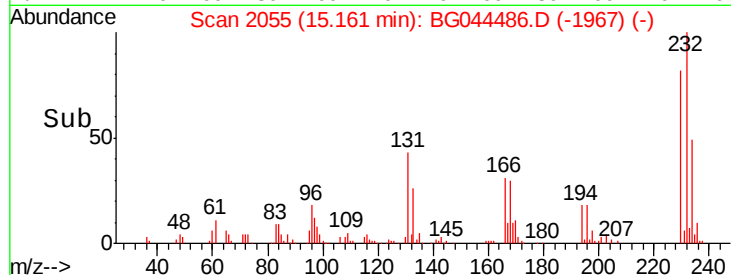
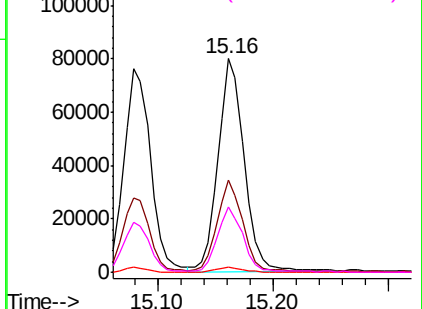
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.874 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	124450
Ion	Ratio	Lower	Upper
232	100		
131	42.0	34.2	51.4
130	2.4	1.8	2.8
166	29.6	23.8	35.8

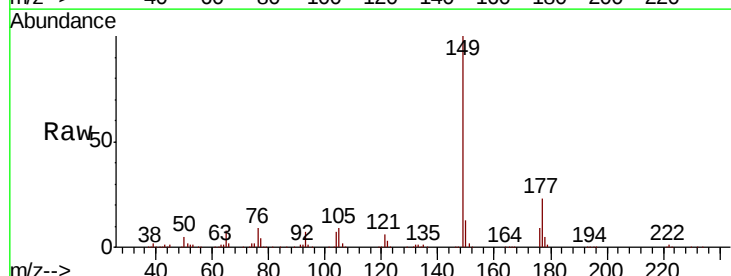


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

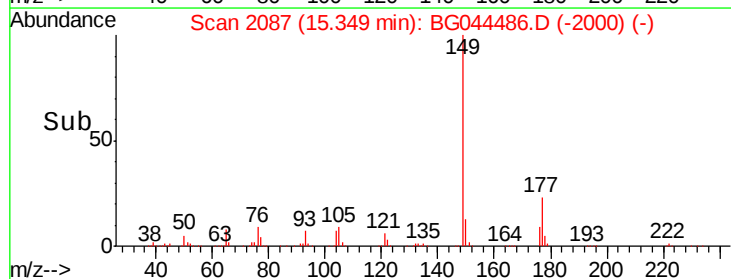
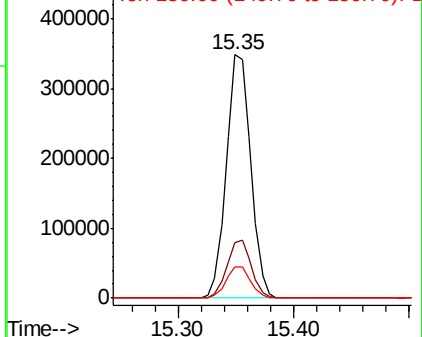


#60
 Diethylphthalate
 Concen: 42.528 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. -0.02 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

Tgt Ion:	149	Resp:	507496
Ion	Ratio	Lower	Upper
149	100		
177	22.8	19.4	29.0
150	12.8	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

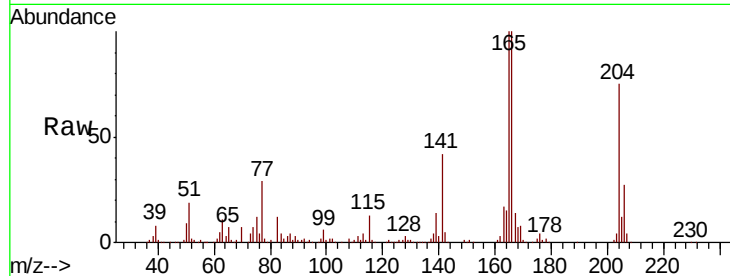




#61
 4-Chlorophenyl-phenylether
 Concen: 41.869 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.2	27.6	41.4
141	56.0	43.4	65.0

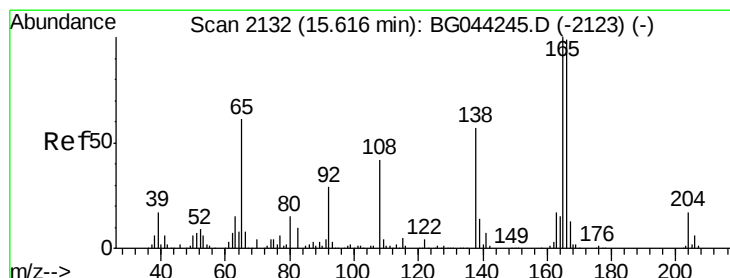
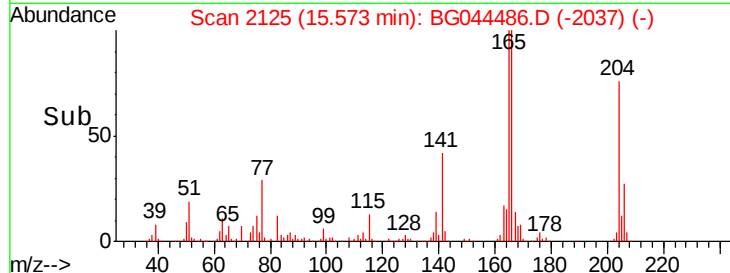
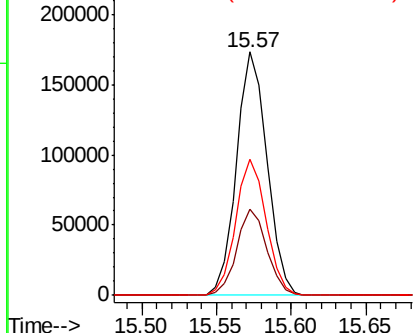


Abundance

Ion 204.00 (203.70 to 204.70): E

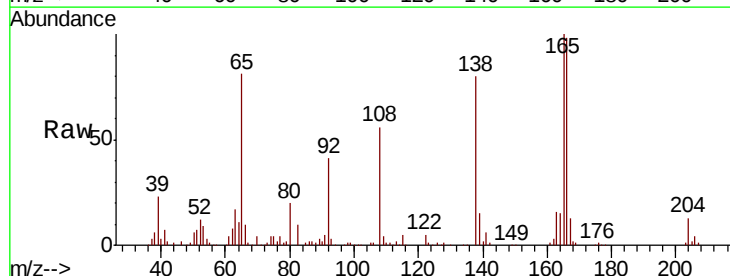
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 44.431 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	31.3	71.3
108	69.8	52.6	92.6

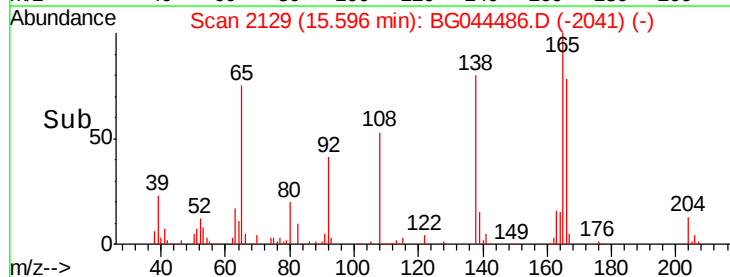
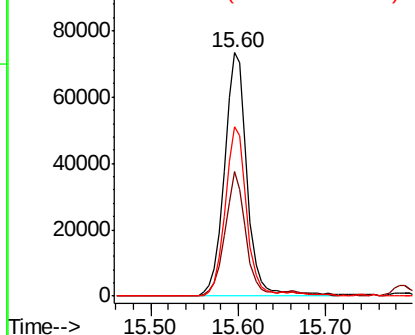


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

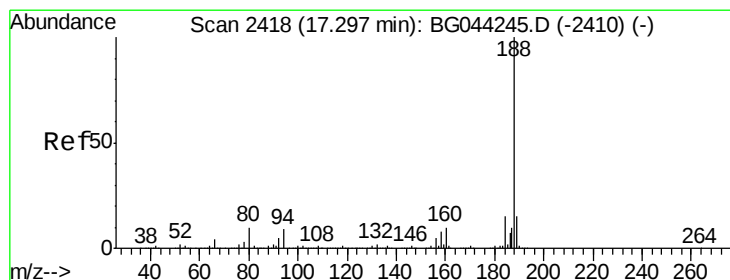
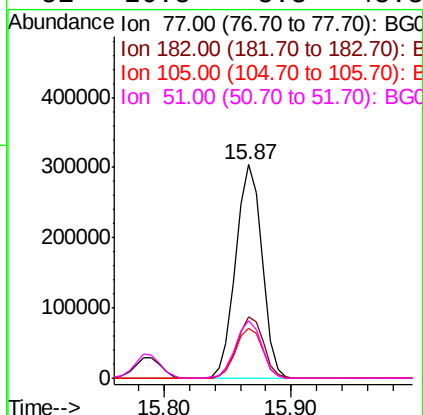
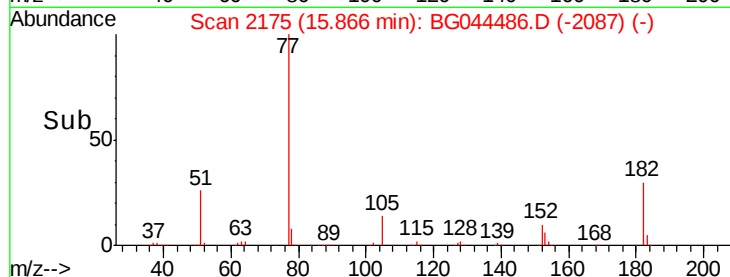
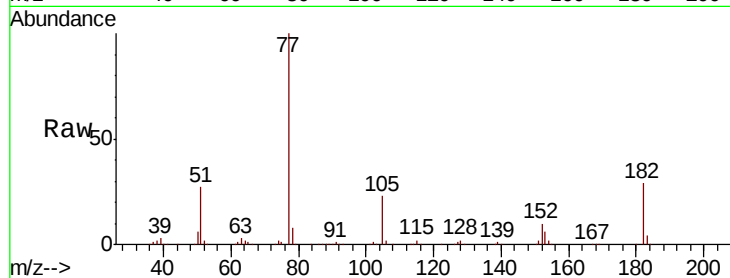




#63
Azobenzene
Concen: 41.547 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

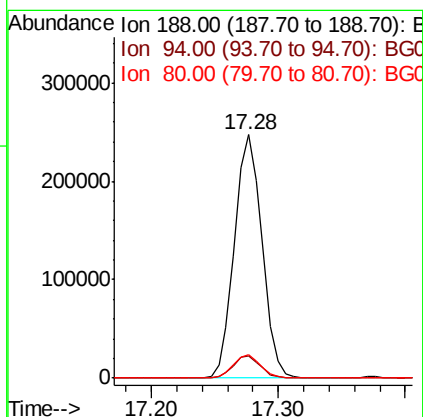
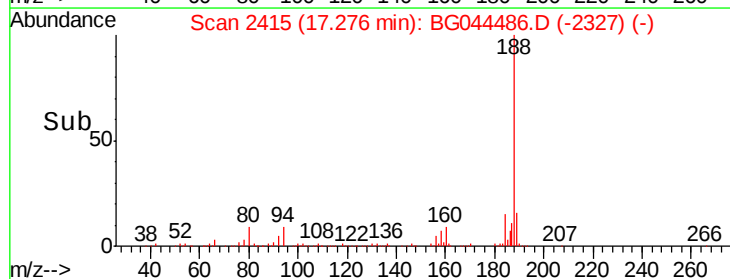
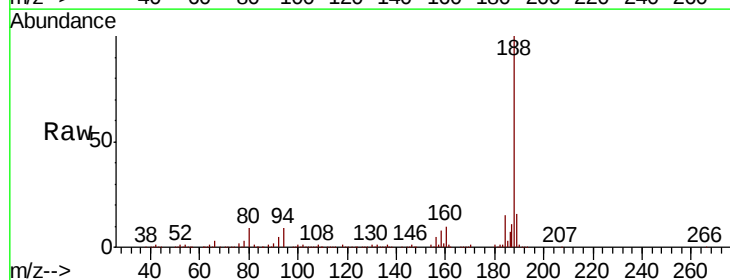
Instrument :
BNA_G
ClientSampleId :

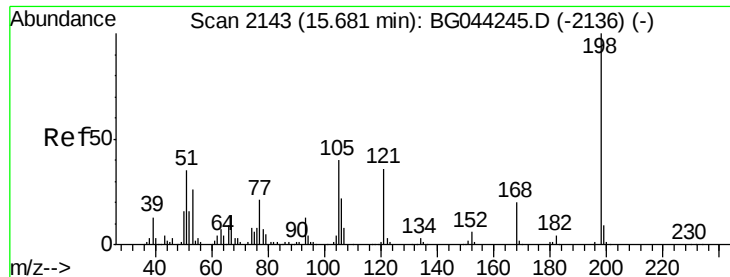
Tot Ion:	77	Resp:	434528
Ion	Ratio	Lower	Upper
77	100		
182	28.6	8.2	48.2
105	23.1	3.6	43.6
51	26.8	8.3	48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

Tgt Ion:	188	Resp:	370604
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	9.4	7.7	11.5

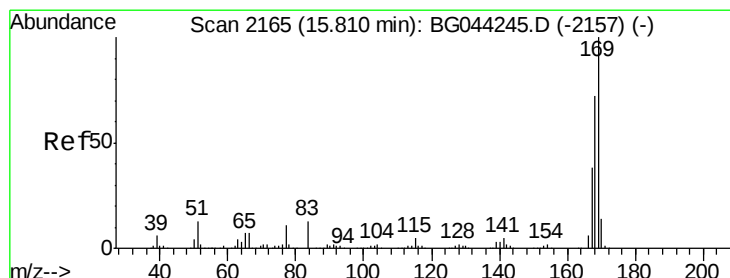
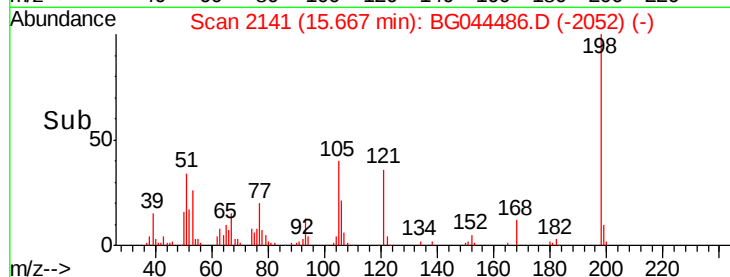
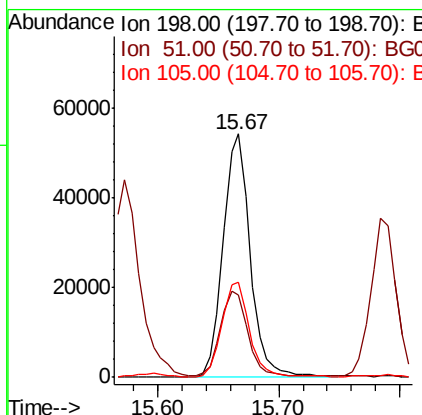
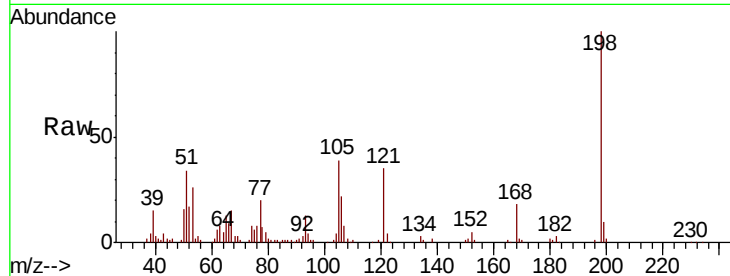




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.358 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

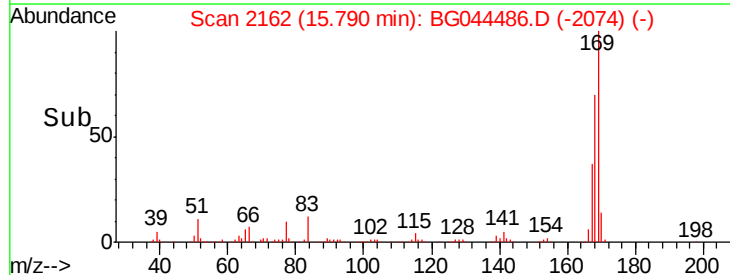
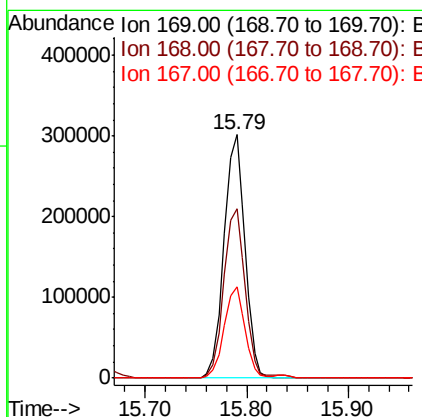
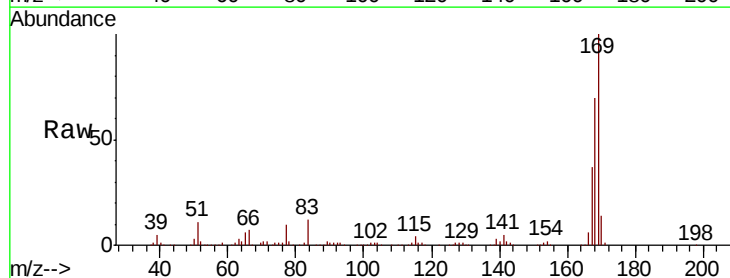
Instrument :
 BNA_G
 ClientSampleId :

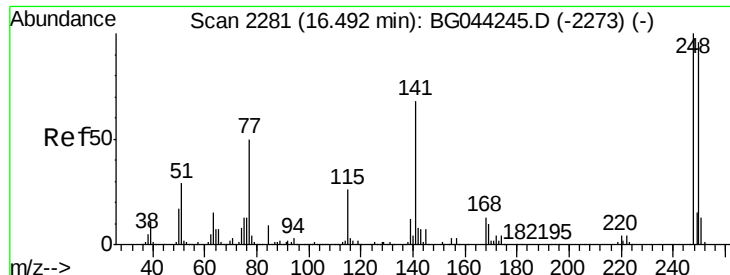
Tot Ion	198	Resp	84608
Ion Ratio	100	Lower	Upper
51	33.7	16.6	56.6
105	39.0	20.6	60.6



#66
 n-Nitrosodiphenylamine
 Concen: 41.508 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

Tgt Ion	169	Resp	431101
Ion Ratio	100	Lower	Upper
168	69.8	57.9	86.9
167	37.3	30.7	46.1

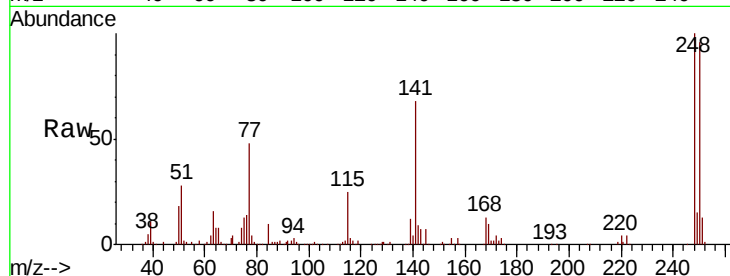




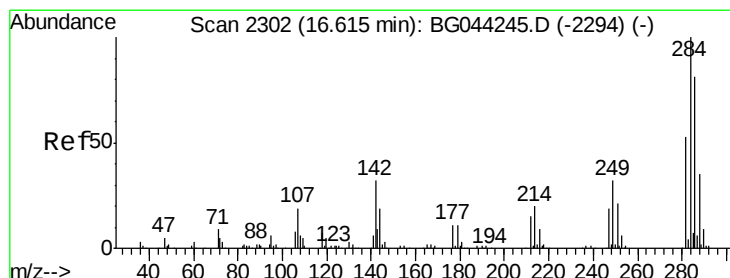
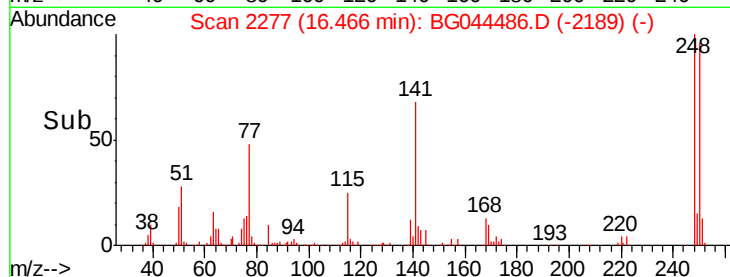
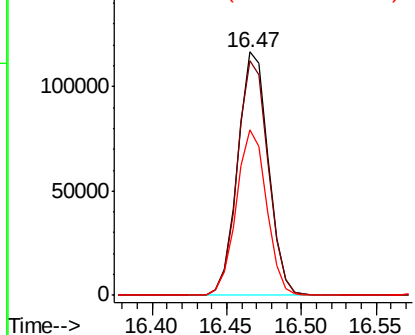
#67
 4-Bromophenyl-phenylether
 Concen: 41.184 ng
 RT: 16.47 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 166286
 Ion Ratio Lower Upper
 248 100
 250 96.3 76.6 114.8
 141 68.1 54.7 82.1

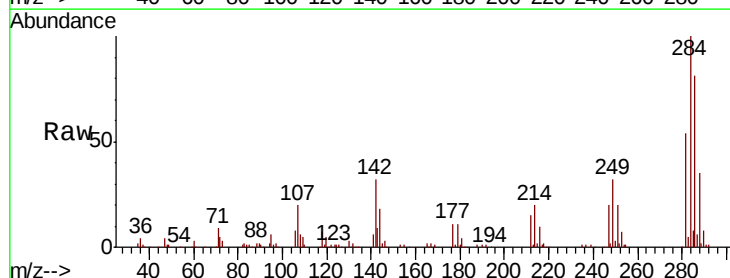


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

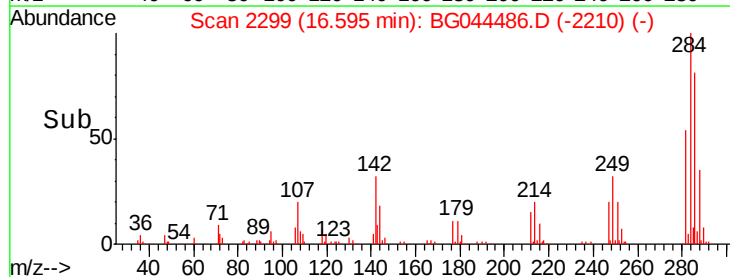
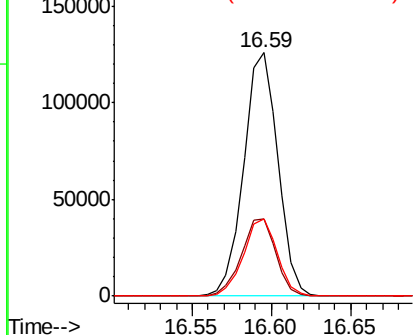


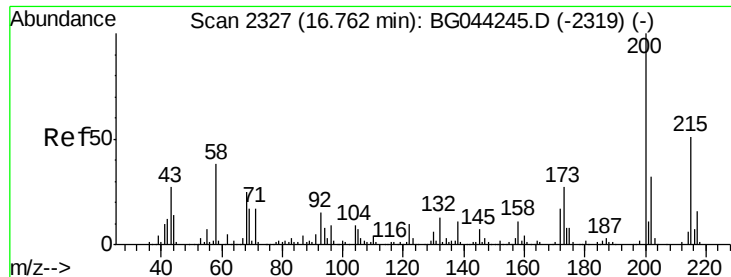
#68
 Hexachlorobenzene
 Concen: 41.566 ng
 RT: 16.59 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG044486.D
 Acq: 19 Feb 2020 11:30

Tgt Ion:284 Resp: 188028
 Ion Ratio Lower Upper
 284 100
 142 31.7 25.3 37.9
 249 31.6 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.841 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA_G

ClientSampleId :

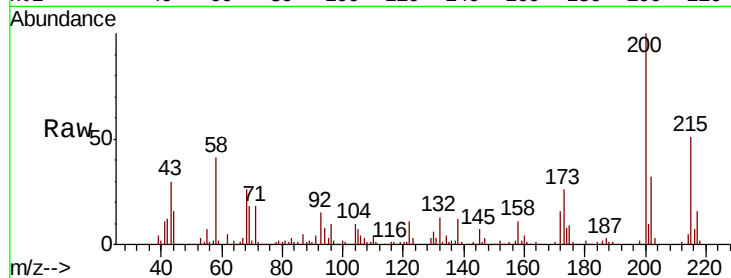
Tot Ion:200 Resp: 138267

Ion Ratio Lower Upper

200 100

173 26.2 6.6 46.6

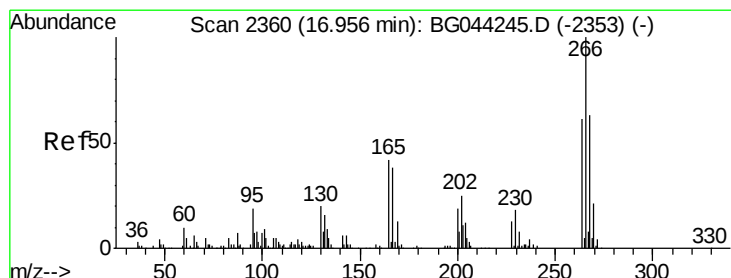
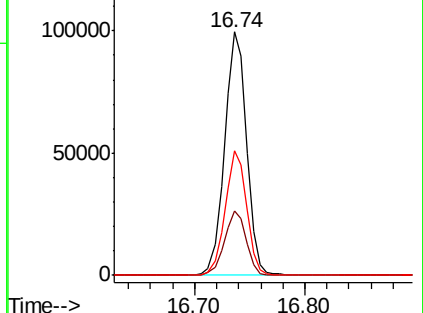
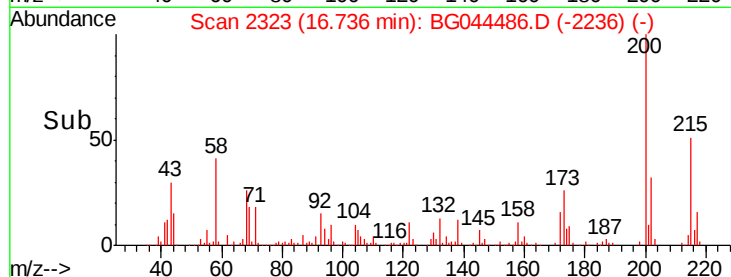
215 50.9 31.0 71.0



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: 39.433 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

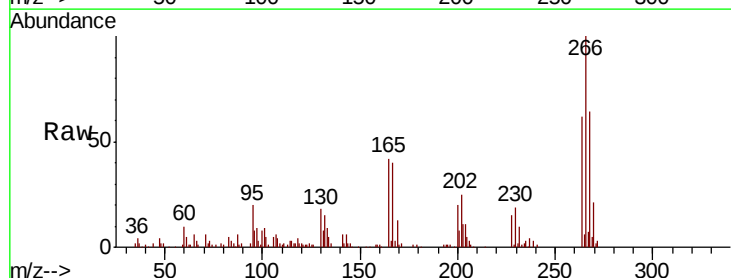
Tgt Ion:266 Resp: 86409

Ion Ratio Lower Upper

266 100

268 63.9 50.6 75.8

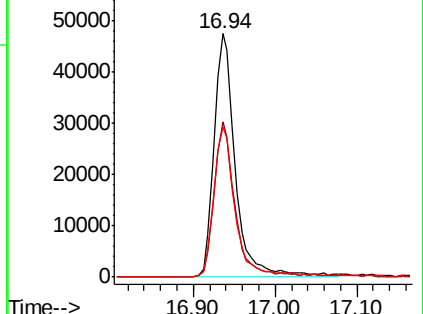
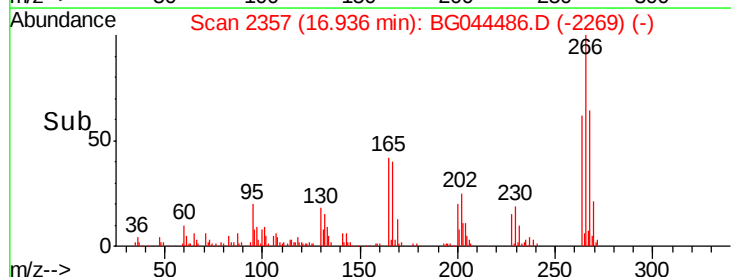
264 61.8 48.7 73.1

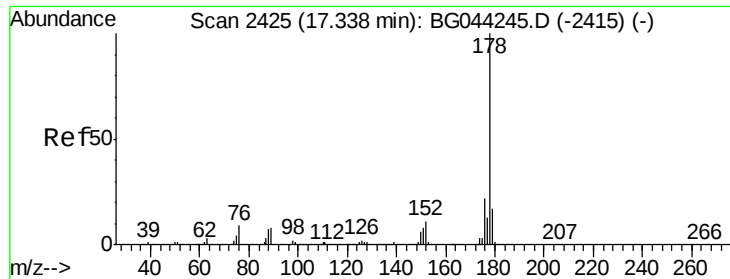


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

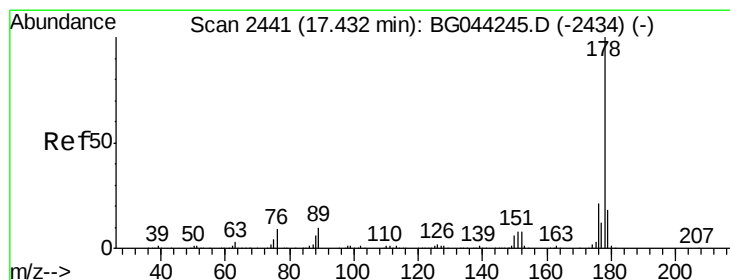
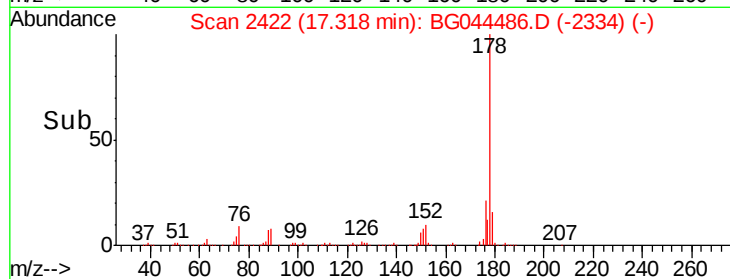
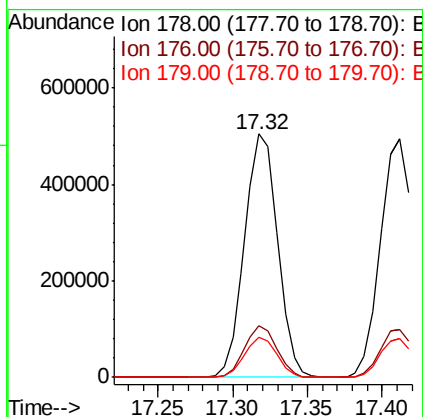
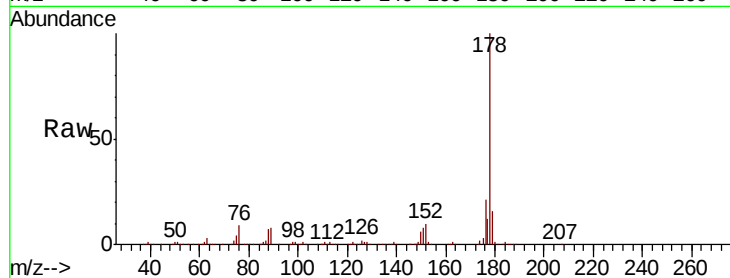




#71
Phenanthrene
Concen: 43.143 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

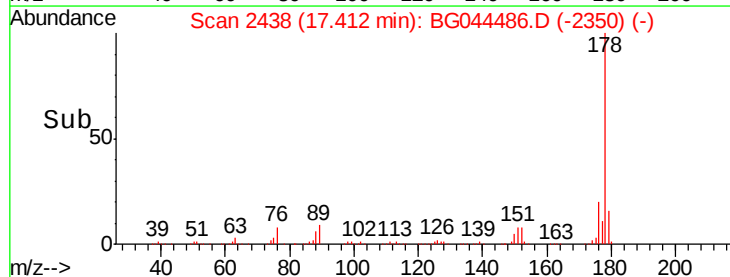
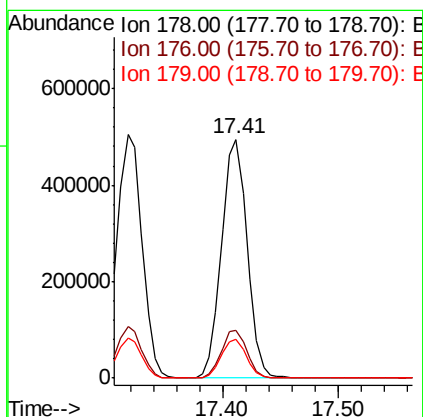
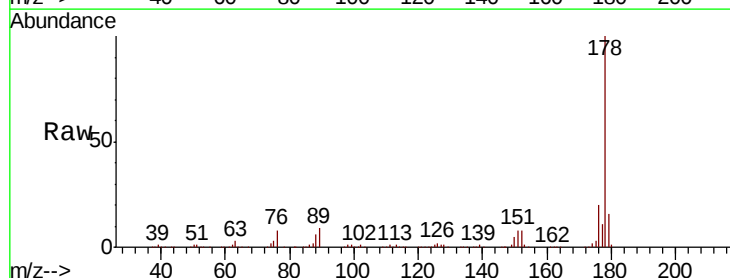
Instrument :
BNA_G
ClientSampleId :

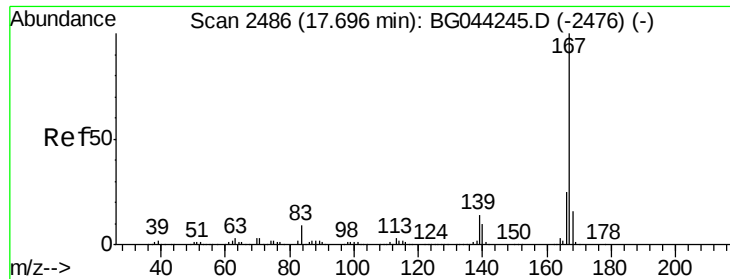
Tot Ion:178 Resp: 774238
Ion Ratio Lower Upper
178 100
176 21.1 17.7 26.5
179 16.3 13.7 20.5



#72
Anthracene
Concen: 42.877 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

Tgt Ion:178 Resp: 760749
Ion Ratio Lower Upper
178 100
176 20.3 17.0 25.4
179 16.5 14.4 21.6





#73

Carbazole

Concen: 43.651 ng

RT: 17.68 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA_G

ClientSampleId :

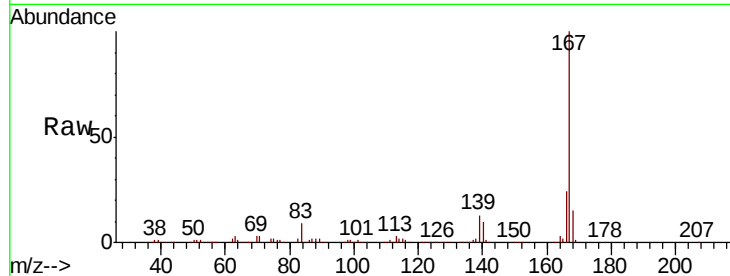
Tot Ion:167 Resp: 713983

Ion Ratio Lower Upper

167 100

166 24.0 19.8 29.6

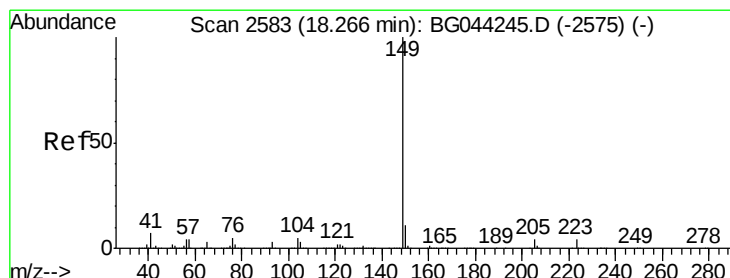
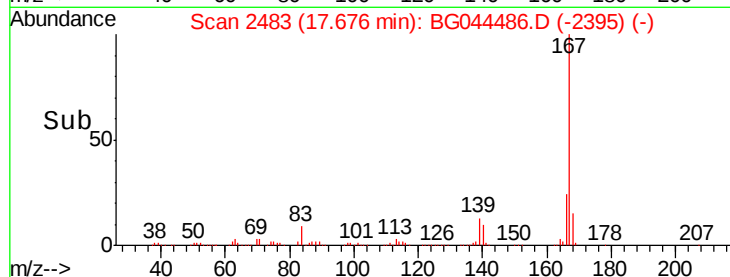
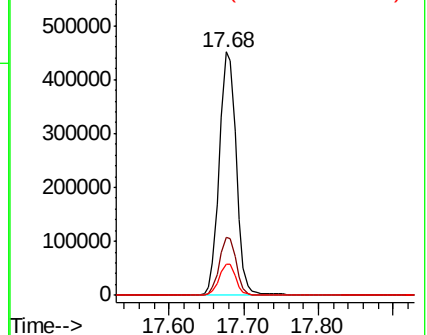
139 13.0 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.542 ng

RT: 18.25 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

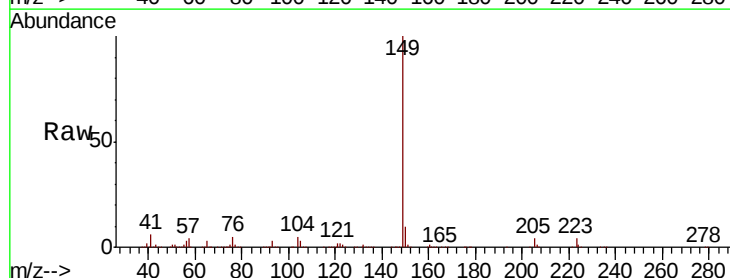
Tgt Ion:149 Resp: 900320

Ion Ratio Lower Upper

149 100

150 10.0 8.7 13.1

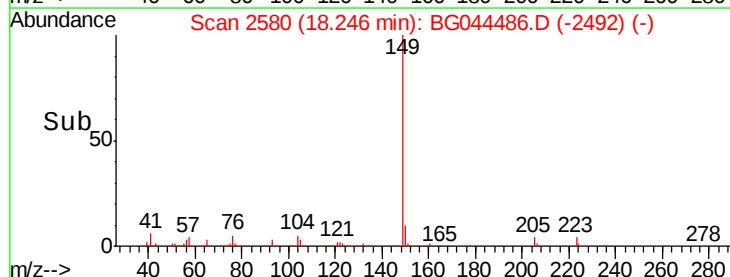
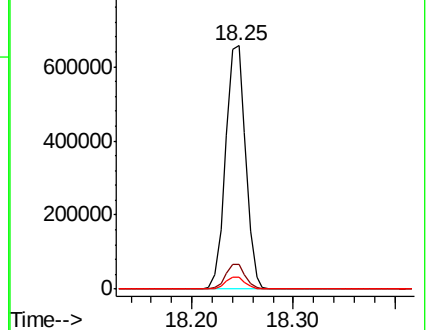
104 4.9 4.3 6.5

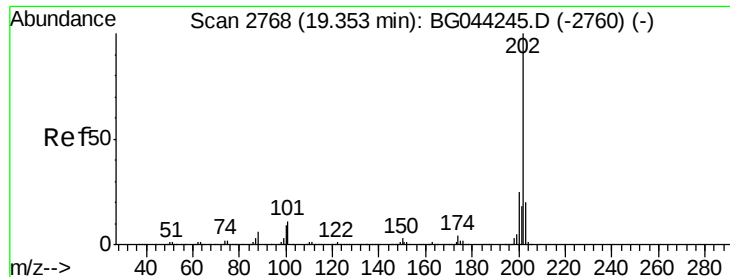


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.132 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA_G

ClientSampleId :

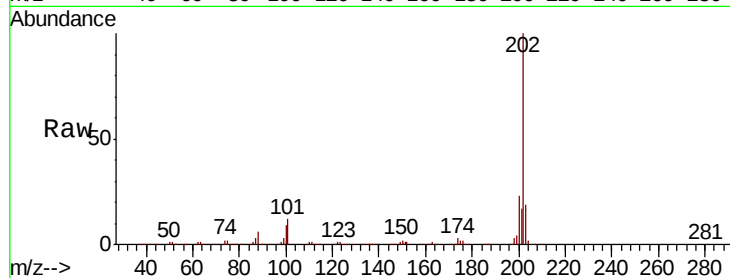
Tot Ion:202 Resp: 916186

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.3

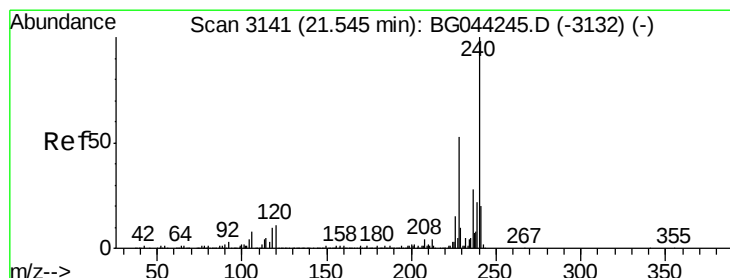
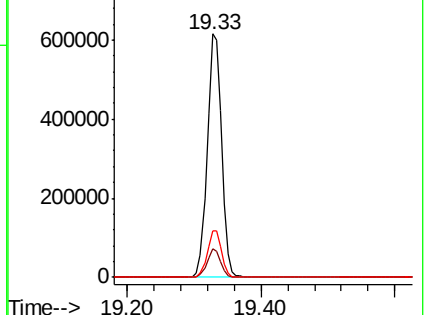
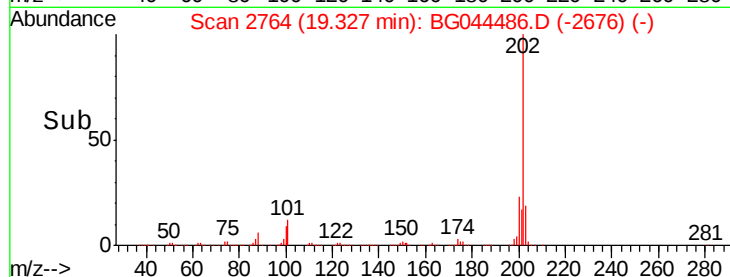
203 18.9 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

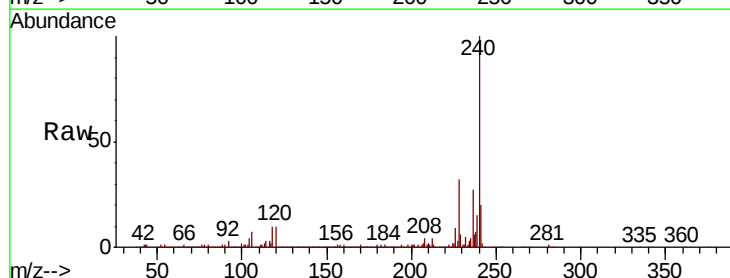
Tgt Ion:240 Resp: 361861

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

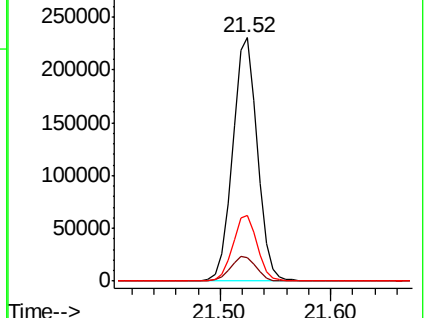
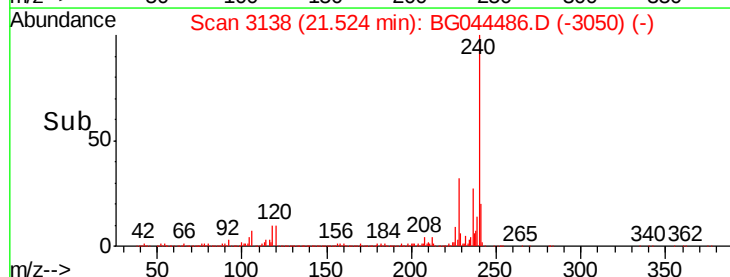
236 27.2 22.1 33.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.435 ng

RT: 19.51 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA_G

ClientSampleId :

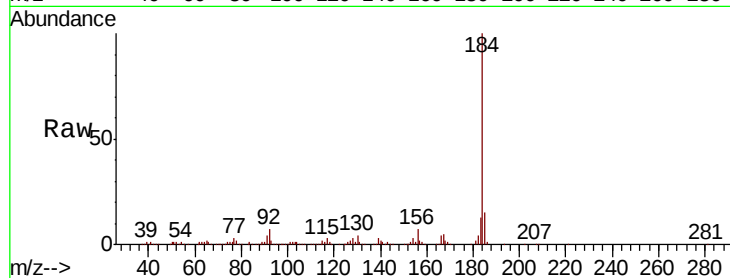
Tot Ion:184 Resp: 415887

Ion Ratio Lower Upper

184 100

185 15.1 12.9 19.3

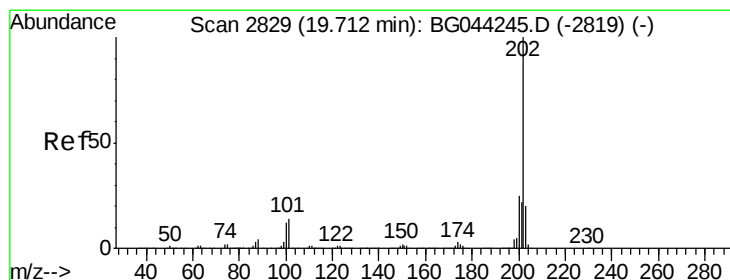
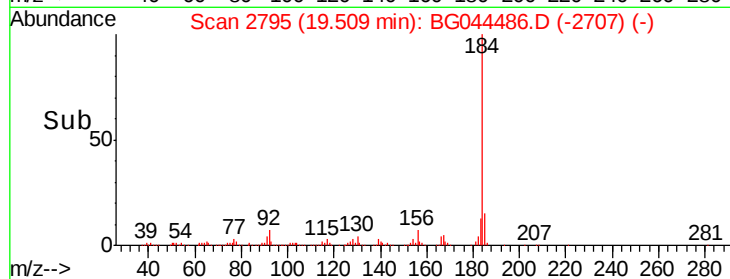
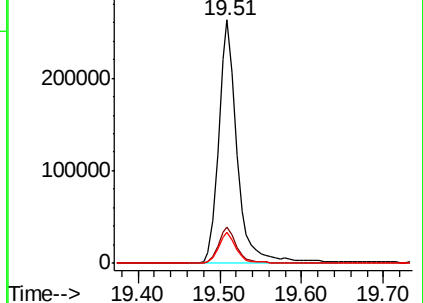
183 13.0 10.8 16.2



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: 39.936 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

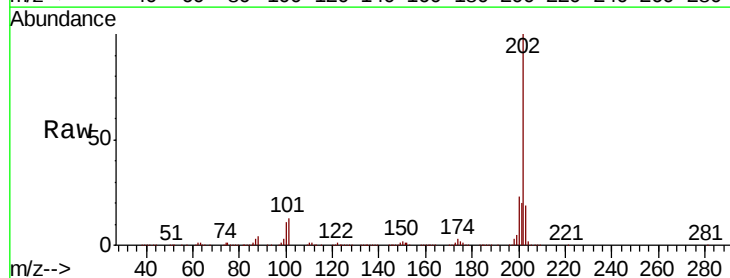
Tgt Ion:202 Resp: 928061

Ion Ratio Lower Upper

202 100

200 22.9 20.0 30.0

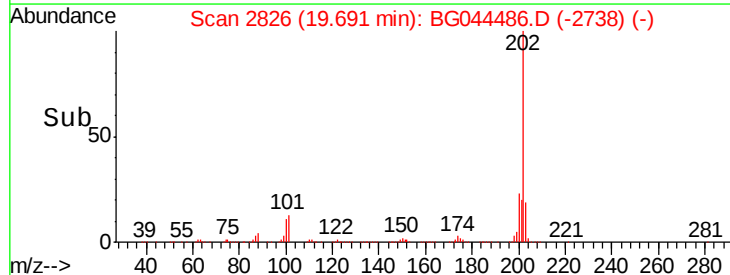
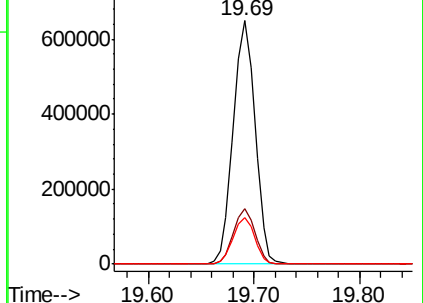
203 19.1 16.2 24.2

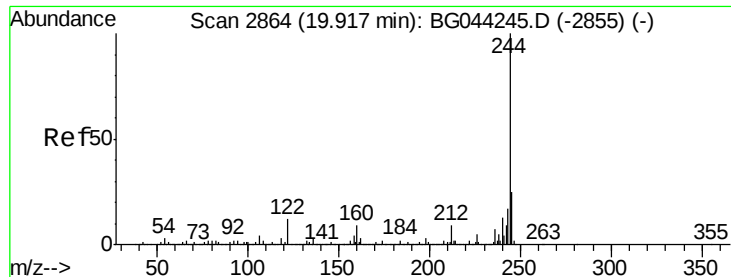


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.430 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA_G

ClientSampleId :

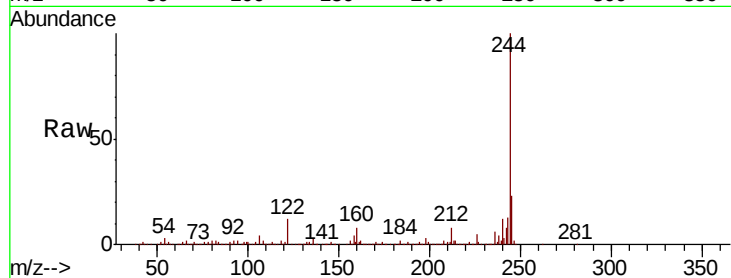
Tot Ion:244 Resp: 1344624

Ion Ratio Lower Upper

244 100

212 8.4 7.4 11.2

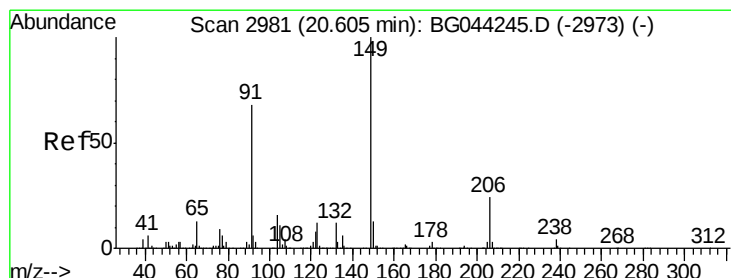
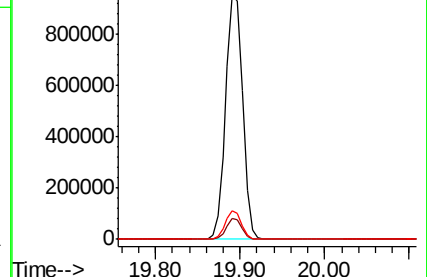
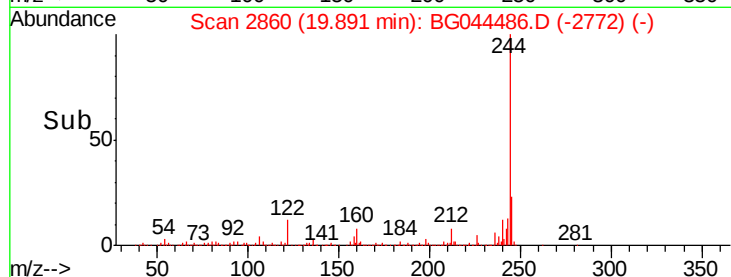
122 11.8 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.320 ng

RT: 20.58 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

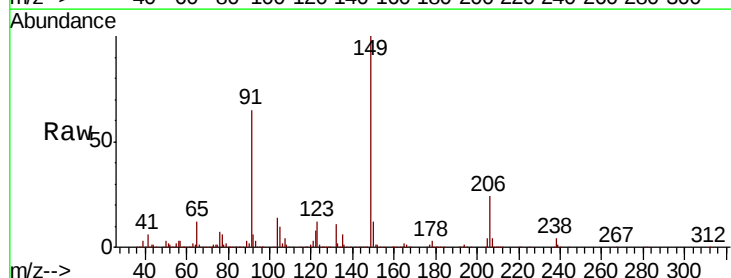
Tgt Ion:149 Resp: 426991

Ion Ratio Lower Upper

149 100

91 64.7 54.5 81.7

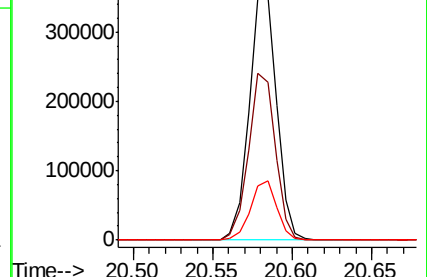
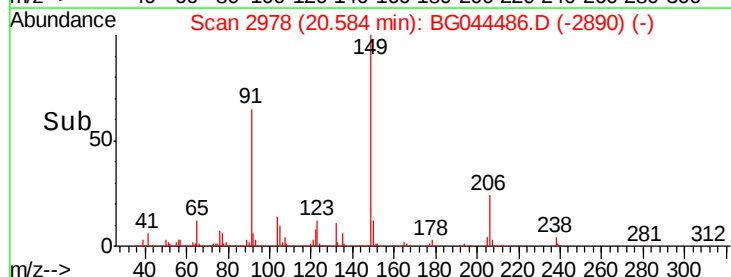
206 24.4 19.1 28.7

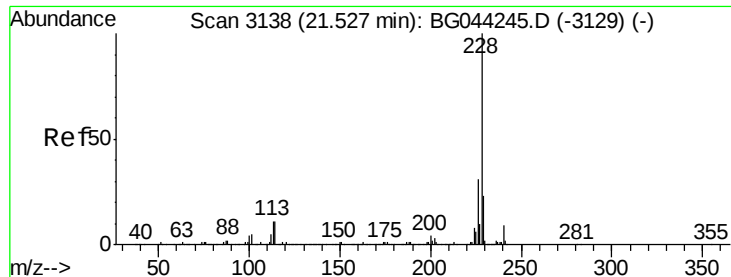


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.496 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA_G

ClientSampleId :

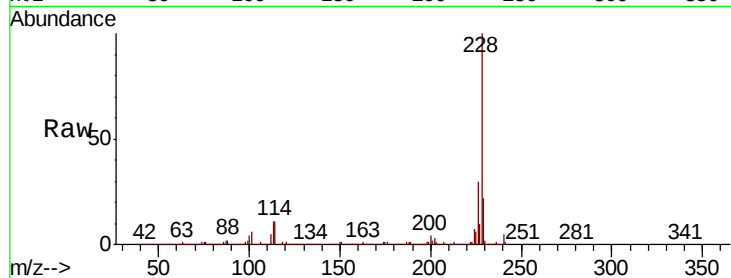
Tot Ion:228 Resp: 903130

Ion Ratio Lower Upper

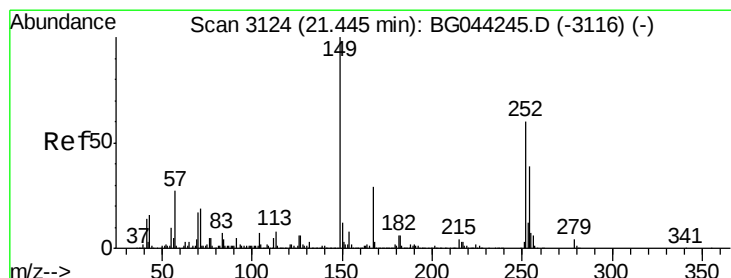
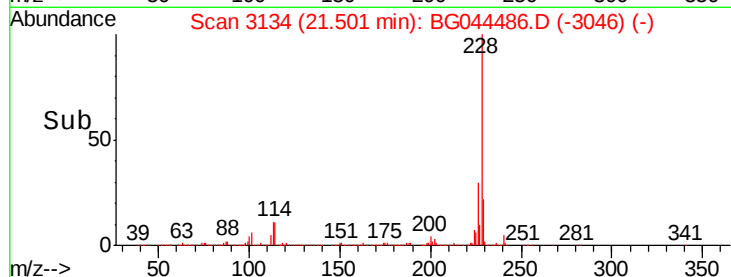
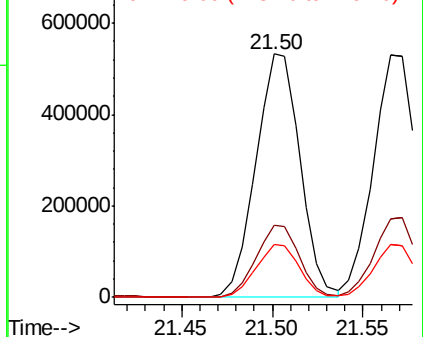
228 100

226 29.5 24.7 37.1

229 21.8 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: 40.816 ng

RT: 21.42 min Scan# 3120

Delta R.T. -0.02 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

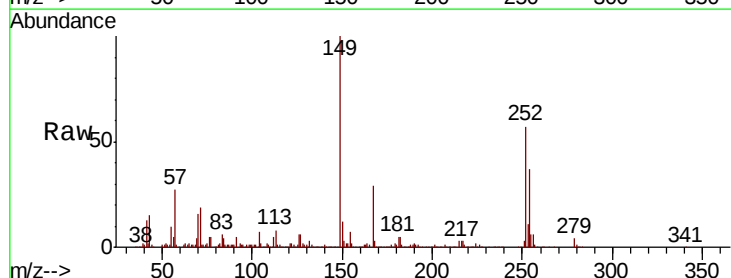
Tgt Ion:252 Resp: 353290

Ion Ratio Lower Upper

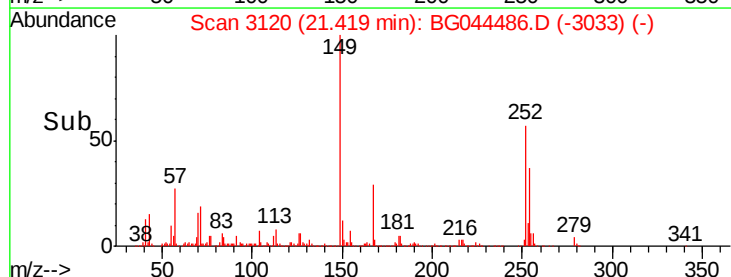
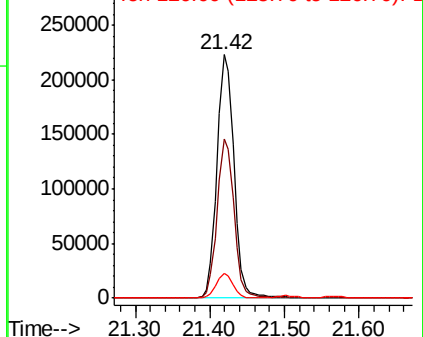
252 100

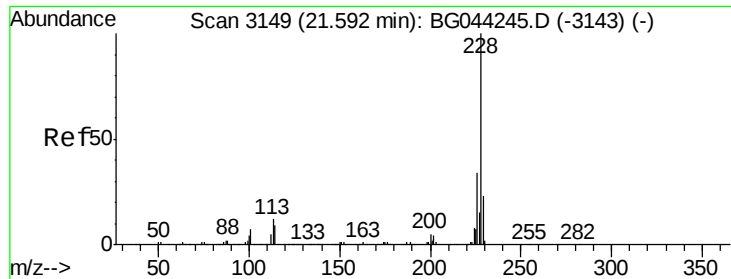
254 65.3 52.6 78.8

126 10.1 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: 40.515 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA_G

ClientSampleId :

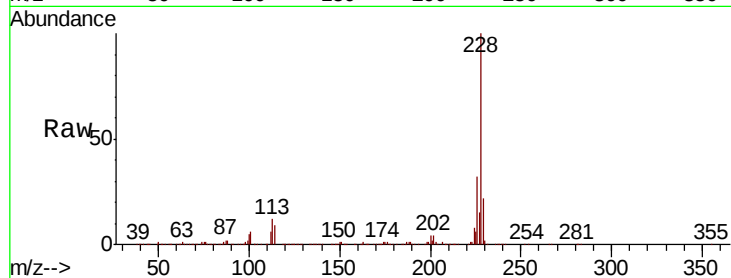
Tot Ion:228 Resp: 873379

Ion Ratio Lower Upper

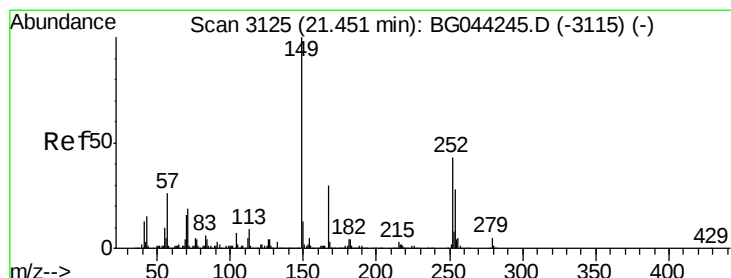
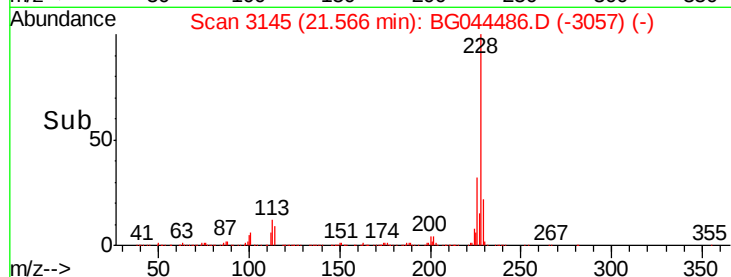
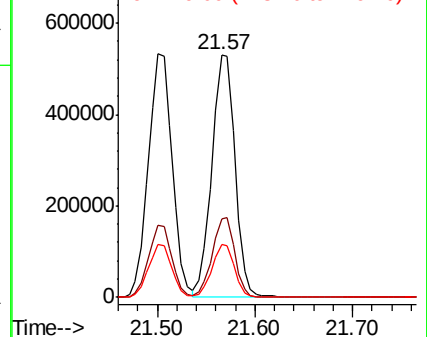
228 100

226 32.5 27.1 40.7

229 21.7 17.9 26.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.306 ng

RT: 21.42 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

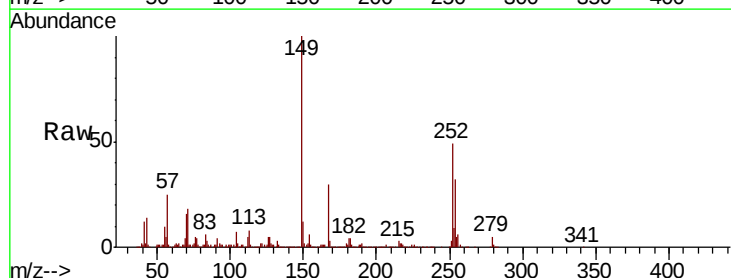
Tgt Ion:149 Resp: 587516

Ion Ratio Lower Upper

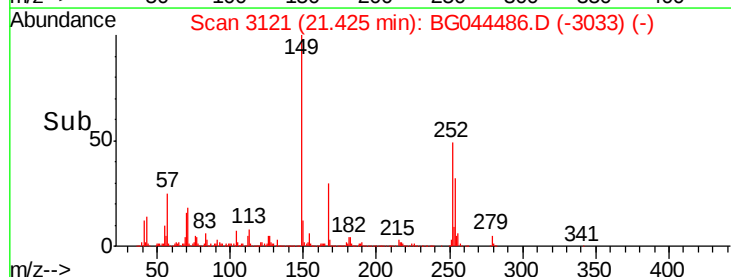
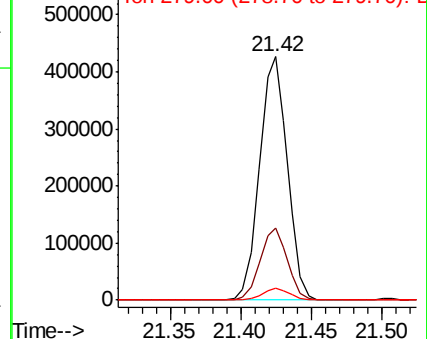
149 100

167 29.6 24.0 36.0

279 5.0 3.8 5.8



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





#85

Di-n-octyl phthalate

Concen: 41.863 ng

RT: 22.58 min Scan# 3318

Delta R.T. -0.02 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

Instrument :

BNA_G

ClientSampleId :

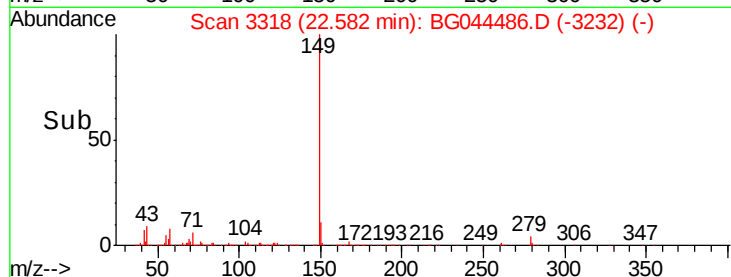
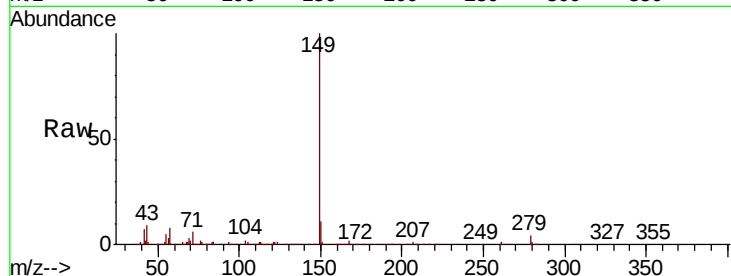
Tot Ion:149 Resp: 1055802

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

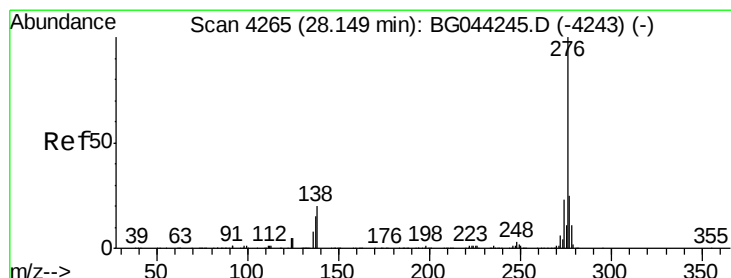
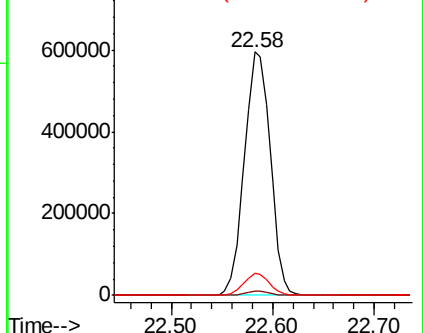
43 8.9 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.167 ng

RT: 28.10 min Scan# 4257

Delta R.T. -0.02 min

Lab File: BG044486.D

Acq: 19 Feb 2020 11:30

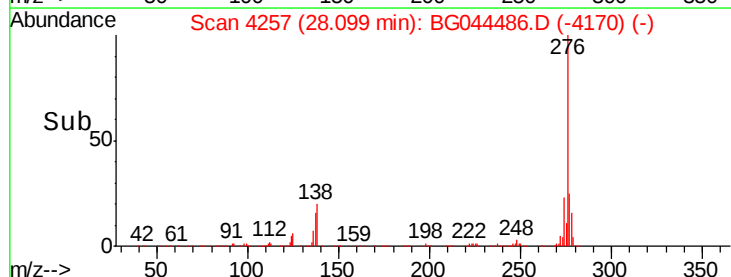
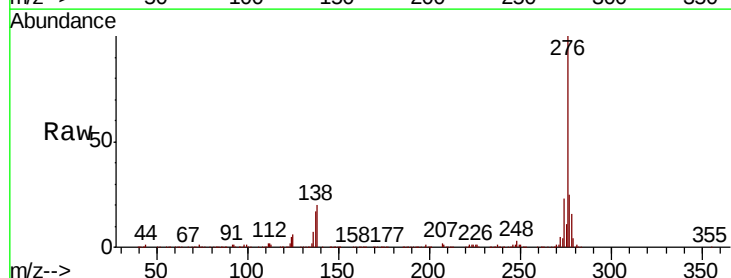
Tgt Ion:276 Resp: 1129668

Ion Ratio Lower Upper

276 100

138 24.4 19.4 29.0

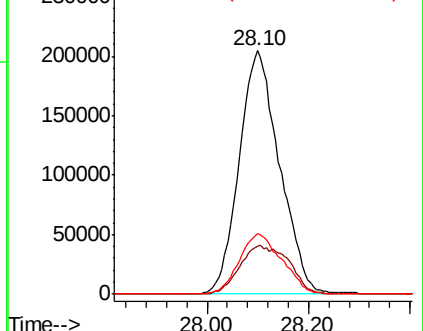
277 26.3 21.0 31.6

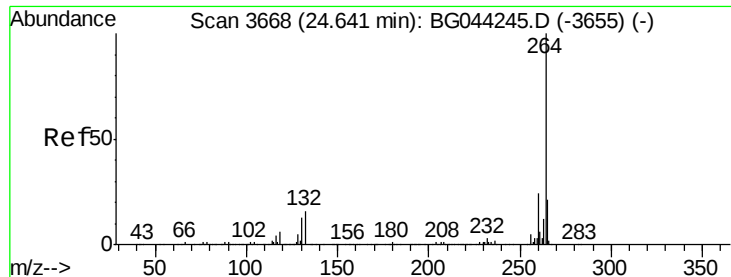


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



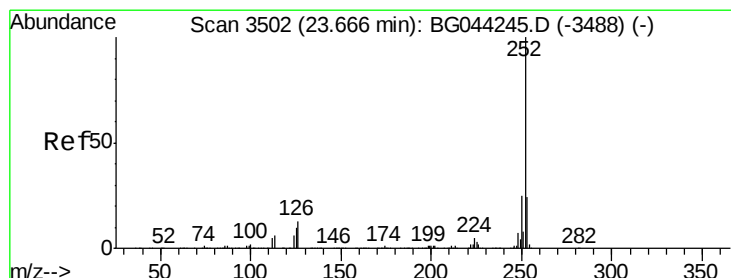
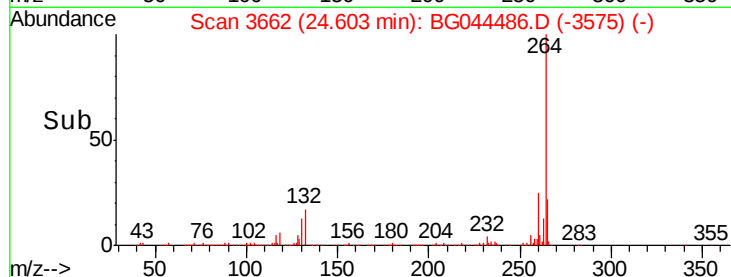
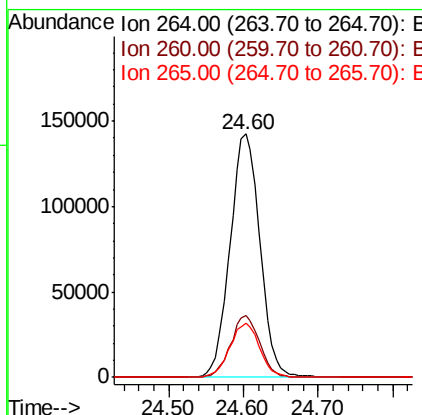
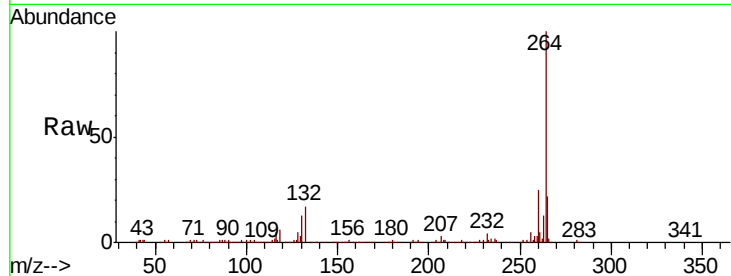


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.02 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 396083

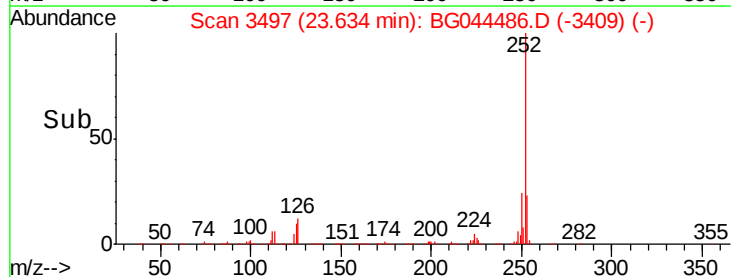
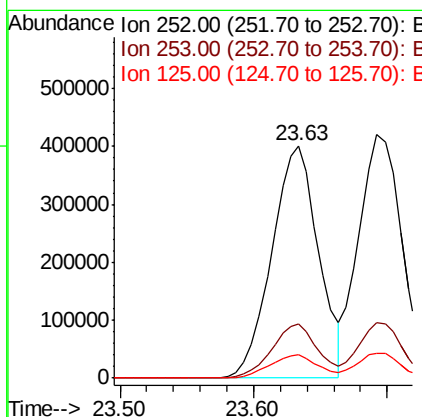
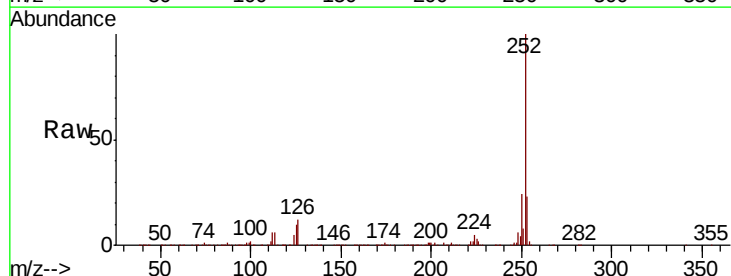
Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.2
265	22.3	16.7	25.1

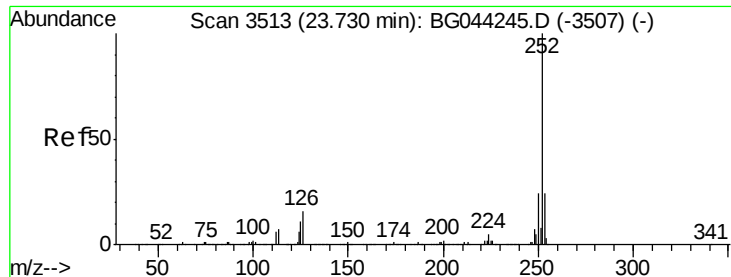


#88
Benzo(b)fluoranthene
Concen: 42.773 ng
RT: 23.63 min Scan# 3497
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

Tgt Ion:252 Resp: 976231

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	10.0	8.4	12.6

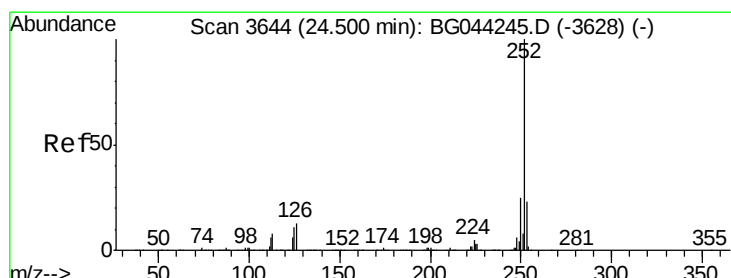
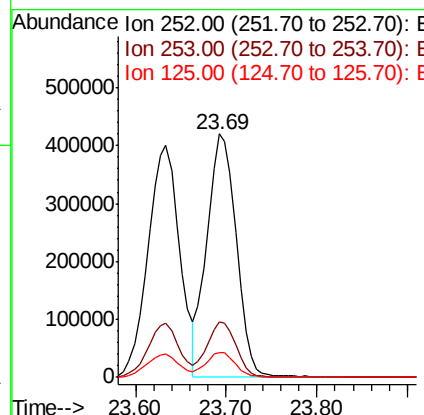
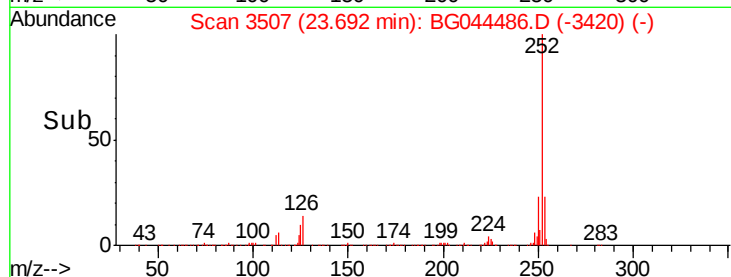
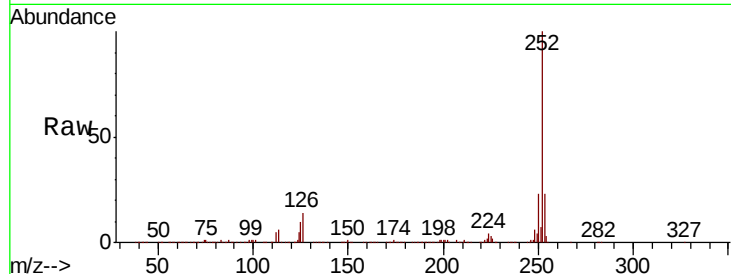




#89
Benzo(k)fluoranthene
Concen: 42.521 ng
RT: 23.69 min Scan# 3507
Delta R.T. -0.02 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

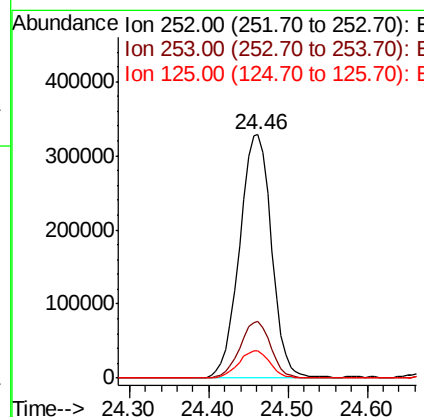
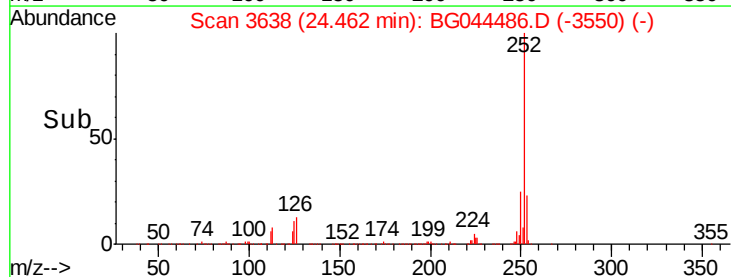
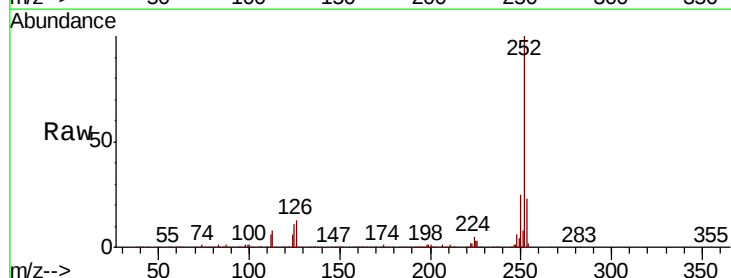
Instrument :
BNA_G
ClientSampled :

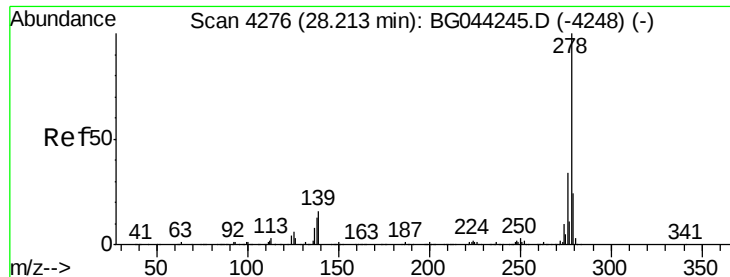
Tot Ion:252 Resp: 945867
Ion Ratio Lower Upper
252 100
253 22.5 19.1 28.7
125 10.3 8.6 12.8



#90
Benzo(a)pyrene
Concen: 42.498 ng
RT: 24.46 min Scan# 3638
Delta R.T. -0.01 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

Tgt Ion:252 Resp: 917095
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 11.0 8.6 13.0

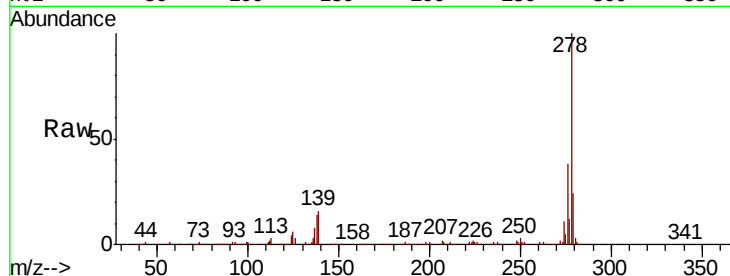




#91
Dibenzo(a,h)anthracene
Concen: 43.143 ng
RT: 28.15 min Scan# 4266
Delta R.T. -0.02 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.7	19.1
279	24.3	19.3	28.9

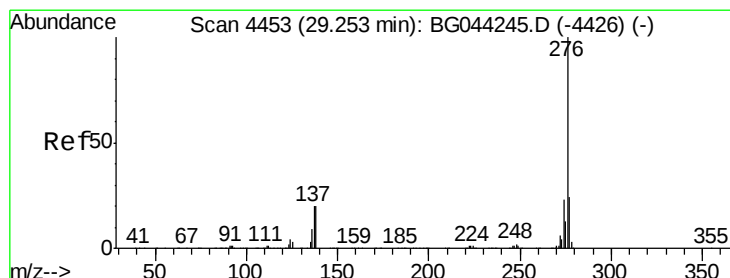
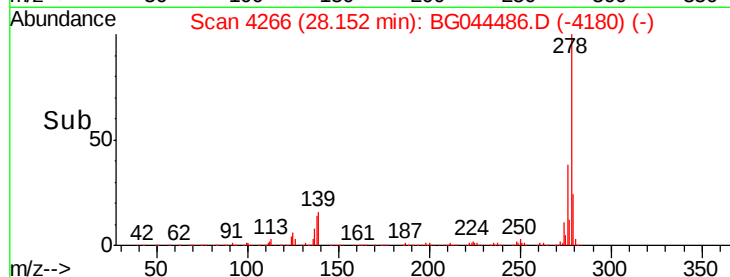
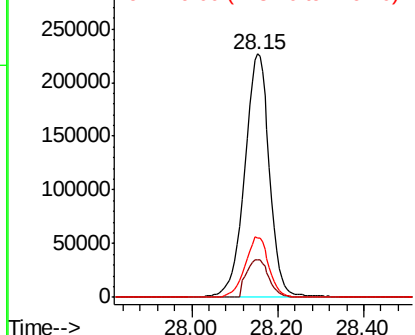


Abundance

Ion 278.00 (277.70 to 278.70): E

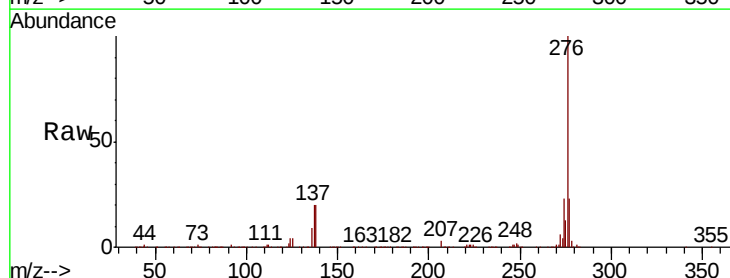
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.706 ng
RT: 29.19 min Scan# 4442
Delta R.T. -0.02 min
Lab File: BG044486.D
Acq: 19 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	20.3	16.2	24.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

